



Meeting Agenda

Work Session

Tuesday, June 11, 2024

5:00 PM

Board Room

CALL TO ORDER

CITIZEN COMMENTS

Comments on agenda items may be made in person at City Hall or by emailing recorder@franklintn.gov before noon on the day of the meeting. Comments will be submitted for the record.

WORK SESSION DISCUSSION ITEMS

1. *Consideration Of Ordinance 2024-24, An Ordinance To Add A New Chapter 11 To Title 5 Of The Franklin Municipal Code To Create A Billing And Licensing Department And An Office Of The Billing And Licensing Director

Sponsors: Eric Stuckey

2. *Consideration Of Resolution 2024-44, A Resolution Authorizing Staff To Pre-Order Certain Equipment Proposed To Be Appropriated In The FY 2025 Budget

Sponsors: Mark Hilty

3. *Consideration Of COF Contract No. 2023-0182, With PMA Management Group To Extend Third-Party Administrator Services For City Of Franklin Self-Insured Workers Compensation Program

Sponsors: Kevin Townsel, Sara Sylvis

4. *Consideration Of Amendment 1 To COF Contract No. 2023-0182, With PMA Management Group To Extend Third-Party Administrator Services For City Of Franklin Self-Insured Workers Compensation Program

Sponsors: Kevin Townsel, Sara Sylvis

5. Discussion Regarding The City Of Franklin Capital Investment Program
WS 7/11/23; 8/30/23; 9/26/23; 10/10/23; 12/12/23; 1/9/24; 3/12/24; 3/26/24; 4/9/24

Sponsors: Eric Stuckey, Paul Holzen, Lisa Clayton

6. Presentation On And Discussion About The Draft Right-Of-Way Plans For The "Liberty Pike & North Royal Oaks Boulevard/Mallory Lane Intersection Improvements" Project (COF Project No. 2017-005)
WS 5/28/24

Sponsors: Paul Holzen, Jonathan Marston, David Hodnett, William Banks

7. Discussion Of Board Of Mayor And Aldermen Pay
WS 2/13/24

Sponsors: Alderman Beverly Burger

OTHER BUSINESS

ADJOURN

Anyone needing accommodations due to disabilities please contact the ADA Coordinator at 615-791-3277 at least 24 hours prior to the meeting.



File #: 21-0313

DATE: June 3, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator

SUBJECT:

*Consideration Of Ordinance 2024-24, An Ordinance To Add A New Chapter 11 To Title 5 Of The Franklin Municipal Code To Create A Billing And Licensing Department And An Office Of The Billing And Licensing Director

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Ordinance 2024-24, an ordinance to add a new Chapter 11 to Title 5 of the Franklin Municipal Code to create a Billing and Licensing Department and an office of the Billing and Licensing Director.

BACKGROUND/STAFF COMMENTS:

Currently, the office of Revenue Management exists as a division of the Finance and Administration Department of the City. The office consists of 14 full-time and 2 part-time employees who are responsible for many functions, including timely collection, recording, and depositing of all utility payments, various taxes and fees, and miscellaneous receipts of the City, administering the City's business license program, overseeing and managing the City's beer permitting process, and assisting in the development of financial policies and procedures for the City. Additionally, the City Court office, which consists of 2 full-time and 1 part-time employee, is included in the Revenue Management organizational chart. To acknowledge the wide array of duties and responsibilities handled by this office of nearly 20 staff members, and the importance of these functions, the City Administrator is recommending through the FY25 Budget that the Revenue Management office be established as the Billing and Licensing Department.

FINANCIAL IMPACT:

Since this is reclassing an already funded existing office as a department, there will be no financial impact.

RECOMMENDATION:

Staff recommends that the Board of Mayor and Aldermen approve Ordinance 2024-24.

ORDINANCE 2024-24

AN ORDINANCE TO ADD A NEW CHAPTER 11 TO TITLE 5 OF THE FRANKLIN MUNICIPAL CODE TO CREATE A BILLING AND LICENSING DEPARTMENT AND AN OFFICE OF THE BILLING AND LICENSING DIRECTOR.

WHEREAS, the Board of Mayor and Aldermen of the City of Franklin, Tennessee, desires to create a Billing and Licensing Department, required by Article V, Section 5 of the Charter for the City of Franklin, Tennessee to be created by ordinance; and

WHEREAS, the Board of Mayor and Aldermen of the City of Franklin, Tennessee, desires to create the Billing and Licensing Director position within the Billing and Licensing Department as a department head, in accordance with Article VII, Sections 1 and 5 of the Charter; and

WHEREAS, the Board of Mayor and Aldermen find that this action to be in the best interest of the City.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF FRANKLIN BOARD OF MAYOR AND ALDERMEN, that the following new Chapter 11 be added to Title 5 of the Franklin Municipal Code as follows:

SECTION I.

TITLE 5

MUNICIPAL FINANCE AND TAXATION

CHAPTER 11

BILLING AND LICENSING DEPARTMENT

11-101. Establishment of the Billing and Licensing Department. There is hereby created the Billing and Licensing department of the City. This department shall consist of the Billing and Licensing Director and such other officers and employees as may be provided by the Board of Mayor and Aldermen. The Billing and Licensing Department shall be supported by appropriations by the Board of Mayor and Aldermen from both the general funds of the City and from special project funds as appropriate.

11-102. Office of the Billing and Licensing Director. There is hereby established the office of the Billing and Licensing Director who shall be appointed by the City Administrator. The Billing and Licensing Director shall have control and supervision over all employees assigned to the Billing and Licensing Department, subject to the supervision of the City Administrator. The office of the Billing and Licensing Director shall be a full-time salaried position and the Billing and Licensing Director shall be paid a salary in an amount approved by the board.

11-103. Duties and responsibilities. The Billing and Licensing Director shall have the following duties and responsibilities:

- (1) To direct professional and other employees in the Billing and Licensing Department;

- (2) To provide for the timely collection and deposits of all utility account funds for the City as well as overseeing the recording, depositing, and auditing of all taxes, fees, utility payments, and miscellaneous receipts of the City;
- (3) To direct the business license administration and facilities tax and licensing compliance for the City;
- (4) To serve as administrative liaison to the Beer Board, attending board meetings, and overseeing the beer permitting administration for the City;
- (5) To serve as Clerk of the City Court as defined in Title 3, Chapter 2, Section 206 of the Franklin Municipal Code;
- (6) To assist in the development of financial policies, rules and regulations;
- (7) To prepare budgets;
- (8) To serve as the final escalation point for customer grievances within the department;
- (9) To perform other related duties as required.

SECTION II. BE IT FINALLY ORDAINED by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that this Ordinance shall take effect from and after its passage on second and final reading, the health, safety, and welfare of the citizens of Franklin, Tennessee, requiring it.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric Stuckey
 City Administrator

By: _____
Dr. Ken Moore
 Mayor

Approved as to form by:

 J. Blake Harper
 Staff Attorney

PASSED FIRST READING

PASSED SECOND READING:



File #: 21-0232

DATE: May 20, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator
Mark Hilty, Asst. City Administrator Public Works

SUBJECT:

*Consideration Of Resolution 2024-44, A Resolution Authorizing Staff To Pre-Order Certain Equipment Proposed To Be Appropriated In The FY 2025 Budget

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Resolution 2024-44, authorizing staff to pre-order certain equipment prior to the beginning of Fiscal Year 2025.

BACKGROUND/STAFF COMMENTS:

As the City of Franklin continues to refine a sustainable fleet replacement program, staff has identified ongoing ordering issues associated with larger equipment including vacuum trucks and platform trucks. In interactions with vendors for these types of equipment, the issue continues to be the lead time for ordering, assembling and delivering the equipment, which can take the majority of a fiscal year, resulting in the continued use, maintenance and incurred expenses associated with older equipment.

The vacuum truck used by the Streets Department Stormwater Division is 20 years old and is a necessary piece of equipment to maintain the municipal separate storm sewer system (MS4). The platform truck is used for traffic signal maintenance and is also approximately 20 years old.

FINANCIAL IMPACT:

It is anticipated that the total financial impact will be \$183,970 (General Fund) for the platform truck and \$498,536 (Stormwater Fund) for the stormwater vacuum truck, totaling \$682,506.00. Funding is proposed to be incorporated into the FY25 budget.

RECOMMENDATION:

Staff recommends that the Board of Mayor and Aldermen approve Resolution 2024-44, authorizing staff to pre-order the specified equipment for delivery in FY 2025.

RESOLUTION NO. 2024-44

**A RESOLUTION AUTHORIZING THE PRE-ORDERING OF EQUIPMENT PRIOR TO THE
COMMENCEMENT OF FISCAL YEAR 2025**

WHEREAS, the City of Franklin desires to maintain an efficient and cost-effective fleet for all of its operations; and

WHEREAS, City staff has been notified from various vendors that supply chain issues continue to limit the ability to produce certain types of equipment; and

WHEREAS, the lead time to order and receive a vacuum truck for the Stormwater division of the Streets Department exceeds 12 months, depending on the timing of the order; and

WHEREAS, the lead time to order and receive a platform truck for the Streets Department exceeds 12 months; and

WHEREAS, the Board of Mayor and Aldermen believes it is in the best interest of the City of Franklin to authorize the pre-ordering of certain types of equipment prior to the commencement of FY 2025.

NOW, THEREFORE, BE IT RESOLVED, BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE AS FOLLOWS:

SECTION 1. The Board of Mayor and Aldermen authorizes the City Administrator to pre-order one vacuum truck and one platform truck projected for the FY 2025 budget.

SECTION 2. The Board of Mayor and Aldermen desire to pay for the stated purchases in the respective fiscal years operating budgets of the respective funds.

SECTION 3. The Board of Mayor and Aldermen understand that the equipment will not be acquired until the respective fiscal year in which the resources will have been appropriated for their purchase.

SECTION 4. **BE IT FINALLY RESOLVED** by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that this Resolution shall take effect from and after its passage on first and final reading, the health, safety, and welfare of the citizens requiring it.

IT IS SO RESOLVED AND DONE on this _____ day of _____, 2024.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
ERIC S. STUCKEY
City Administrator

By: _____
DR. KEN MOORE
Mayor

Approved as to Form:

By: _____
William E. Squires
Assistant City Attorney



File #: 21-0290

DATE: May 29, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator
Kevin Townsel, Director of Human Resources
Sara Sylvis, Benefits Manager

SUBJECT:

*Consideration Of COF Contract No. 2023-0182, With PMA Management Group To Extend Third-Party Administrator Services For City Of Franklin Self-Insured Workers Compensation Program

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning COF Contract No. 2023-0182, extending COF Contract No. 2020-0120 for an additional two (2) one (1) year extensions. The original contract would end on June 30, 2025.

BACKGROUND/STAFF COMMENTS:

The City of Franklin implemented a self-insured workers compensation program on July 1, 2020. Part of that implementation process was securing third-party administrator services to manage our workers compensation claims. The City of Franklin released Solicitation No. 2020-013, a request for proposals for a third-party administrator to manage the City's future workers compensation claims. After careful review of the proposals submitted from the RFP process, City staff recommended and the Board approved the award of COF Contract No. 2020-0120 for third party administrator services to PMA Management Group. Contract 2023-0182 was issued to provide for the anticipated extensions of the contact with PMA Management Group for FY24 and FY 25. Human Resources did not complete the contract process and obtain signatures from PMA and the City and is doing so through this action which provides for services received in FY24.

FINANCIAL IMPACT:

The cost of workers compensation claims fluctuates depending on the City's frequency of workers compensation claims. The costs are allocated back to the department. Each month there is a flat PMA administration fee and CINCH (claims portal) fee that is based on the prior fiscal year budget and exposure. For FY 2024 the total annual fee is \$34,932, which breaks down to \$2,911 per month.

RECOMMENDATION:

Staff recommends that the Board of Mayor and Aldermen approve Contract 2023-0182.

AGREEMENT FOR THIRD PARTY CLAIM ADMINISTRATIVE SERVICES

THIS IS AN AGREEMENT for third party claim administrative services (“**TPA services**”) made as of the ____ day of _____, 2023, by and between PMA Management Corp. (“**PMA**”), a corporation duly incorporated under the laws of the Commonwealth of Pennsylvania, whose principal offices are located at 380 Sentry Parkway, Blue Bell, PA 19422 and The City of Franklin, Tennessee (“**Client**”), a political subdivision of the State of Tennessee, whose principal place of business is located at 109 3rd Avenue South, Franklin, TN 37064.

RECITALS

CLIENT is authorized by the State of Tennessee to self-insure its workers’ compensation program or has procured a policy of insurance with an insurance company for its workers’ compensation insurance program;

PMA, a duly authorized provider of third party administrator (“**TPA**”) services in the State of Tennessee, hereby agrees to provide Client TPA and other services which are more fully described herein; and

CLIENT, having selected PMA to provide TPA and other services, desires to enter into an agreement with PMA on the terms and conditions set forth herein.

ACCORDINGLY, in consideration of the foregoing and the mutual covenants contained herein, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, the parties agree as follows:

1. DEFINITIONS

- a) “**ALAE**” shall mean any cost or expense in connection with the administration, investigation, adjustment or defense of claims on behalf of Client.
- b) “**Claim File**” shall mean the file, either electronic or paper, for any open or closed claim which is provided to PMA at the inception of this Agreement or created during this Agreement.
- c) “**Indemnity Claim**” shall mean any reported workers’ compensation claim that is not a Medical Only Claim or Record Only Claim.
- d) “**Clinical Case Manager**” shall mean a nurse who provides either on-site or telephonic medical management services in connection with workers’ compensation claims.
- e) “**Medical Only Claim**” shall mean any reported workers’ compensation claim meeting all of the following criteria: (1) there is no (a) subrogation activity, (b) litigation activity and the claim is not otherwise contested, (c) indemnity paid, salary in lieu of indemnity paid or time lost from work beyond the state prescribed waiting period, (d) investigation or review regarding compensability or liability assessment, or (e) carrier report, excess reporting requirement, client meeting (other than a routine meeting where the claim is noted) or settlement authority approval; (2) the claim is open for less than 12 months from the date of injury or accident; and (3) total paid amount does not exceed \$3,500.

- f) **“Prior Agreement”** shall mean the prior agreement for third party claim administrative services entered into between PMA and Client, as amended.
- g) **“Qualified Claim”** shall mean any Indemnity Claim, Medical Only Claim, or Record Only Claim occurring within the term of this Agreement and any Takeover Claim that PMA agrees to service under this Agreement, and any Indemnity Claim, Medical Only Claim, or Record Only Claim serviced under the Prior Agreement.
- h) **“Record Only Claim”** shall mean any incident reported for statistical purposes only and specifically identified as a Record Only Claim at the time of the initial report, with no (1) reserve, (2) involvement of PMA personnel for follow up, outreach or any other activity other than recording the incident in PMA’s system, (3) subrogation activity, (4) litigation activity and the claim is not otherwise contested, (5) payment of any type required or time lost from work, (6) investigation or review regarding compensability or liability assessment, or (7) carrier report, excess reporting requirement, client meeting or settlement authority approval.
- i) **“Takeover Claim”** shall mean any open claim which has been: (1) administered by Client or Client’s third party administrator prior to the inception of this Agreement; and (2) subsequently transferred to PMA for servicing on or after the inception of this Agreement. Closed claims with accident dates prior to the Effective Date (as defined below) and subsequently reopened during the term of this Agreement will be considered Takeover Claims.

2. TERM

This Agreement is effective beginning July 1, 2023 (**“Effective Date”**) for a term of one year until June 31, 2024. PMA and Client may agree to extend the term of the Agreement for up to two additional one year extension options. If any option is agreed, PMA may increase its fees hereunder by three percent of the fees in effect at the end of the immediately preceding term.

3. TPA SERVICES

- a) PMA shall provide customary and appropriate workers’ compensation claim handling services for all Qualified Claims. Specifically, with regard to:
 - i. Indemnity Claims - PMA will provide the services required to make a determination regarding compensability, make reserve recommendations to the Client, pay the appropriate level of indemnity benefits and medical bills and expenses as provided in this Agreement, and under appropriate circumstances, attempt to resolve the claim.
 - ii. Medical Only Claims - PMA services will consist of the payment of medical bills and expenses as provided in this Agreement and making reserve recommendations to the Client.
 - iii. Record Only Claims - PMA services will consist only of making a record of the injury or accident.

PMA shall determine whether a claim is an Indemnity Claim, a Medical Only Claim or a Record Only Claim for all purposes under this Agreement.

- b)** PMA shall provide claim handling services for Qualified Claims from the date of first report of injury or first notice of claim through the resolution of the claim.
 - i.** Client acknowledges that it is not entitled to any refund if Client requests that PMA cease servicing a Qualified Claim prior to resolution of any open claim or if PMA terminates this Agreement due to Client's breach.
 - ii.** Should PMA agree to service Client's Takeover Claims through the resolution of each such claim, then any early termination of this Agreement shall accelerate the Client's obligation to pay PMA all claim handling fees related to the Takeover Claims or, at PMA's option, PMA may cease servicing the claims prior to the resolution of any such claim.
- c)** PMA shall have full discretion to establish reserves for any Qualified Claim up to \$24,999. This amount may be changed at any time by Client upon 10 days prior written notice to PMA.
- d)** PMA shall file all required forms in the adjustment of Qualified Claims pursuant to the applicable workers' compensation statutory and regulatory scheme.
- e)** PMA will provide status reports in accordance with PMA's customary business practice for all Qualified Claims having total incurred losses of \$50,000 or above.
- f)** If requested by Client during the term of this Agreement, PMA will provide up to two telephonic claim reviews annually based on mutually agreed upon claims selection.
- g)** If requested by Client during the term of this Agreement, PMA will provide an annual stewardship report.
- h)** PMA agrees to review and seek approval from Client with respect to a recommended course of action regarding a Qualified Claim.

4. EXCESS REPORTING SERVICES

- a)** PMA will report to Client's excess insurance carrier or carriers ("**Carrier(s)**") all Qualified Claims serviced by PMA which meet Client's excess insurance reporting requirements, subject to the following requirements:
 - i.** Client shall promptly provide PMA with copies of all applicable excess policies and contact information, as well as amended or modified policies, endorsements, and any excess claim reporting thresholds or standards agreed by the Client and Carrier(s).
 - ii.** Client shall direct Carrier(s) to promptly provide PMA with copies of all claim notice confirmations, claim reports, and any similar reports provided by Carrier(s) to Client.
 - iii.** Client shall promptly provide claim data for conversion to PMA's computer system for purposes of determining historical loss information.
 - iv.** Client shall instruct its attorneys to advise PMA when in the attorney's professional opinion one of Client's claims meets the reporting thresholds or standards.

- b)** Client's failure to meet the requirements set forth above shall relieve PMA of its obligation to report excess claims to Carrier(s). PMA shall not be obligated to report any claims not serviced by PMA.
- c)** PMA will attempt to collect non-aggregate excess claim recoveries on behalf of the Client for a period of 60 days (from the date of the initial request), after which PMA will turn over pursuit of the outstanding balance to the Client for the reimbursable funds, and possess no further collection obligations or responsibilities for that outstanding balance.

5. MANAGED CARE SERVICES

- a)** Client agrees to exclusively utilize the following PMA managed care services:
 - i.** PMA's medical bill review and repricing services, which may include but are not limited to:
 - 1.** reviewing medical documents for appropriateness, relatedness to the injury or accident, unbundling, and conformity to applicable fee schedule or usual and customary re-pricing; and
 - 2.** utilizing PMA's complex bill review process to review certain medical bills for possible additional savings.
 - ii.** PMA's managed care networks which include:
 - 1.** traditional networks (e.g. physicians and medical facilities);
 - 2.** specialty networks (e.g. providers of durable medical equipment, diagnostic testing, physical therapy, pain management, home health, and dental services);
 - 3.** state specific networks (e.g. California Medical Provider Network, Texas Health Care Network); and
 - 4.** out-of-network services from PMA and third party vendors.
 - iii.** PMA's pharmacy benefit management program (e.g. bill repricing, home-delivery, brand-to-generic conversion, customized formularies, narcotic management, drug utilization review).
 - iv.** Utilization of clinical case management services when any of the following criteria are met:
 - 1.** surgical procedure;
 - 2.** spinal cord injury;
 - 3.** occupational disease or a pandemic requiring medical treatment;
 - 4.** third degree burns;
 - 5.** multiple complex fractures;

6. crush injuries requiring poor initial medical outcome;
7. head injuries with cognitive impairment or loss of consciousness;
8. immediate post-injury hospital admission;
9. multiple trauma; or
10. adjuster identified assignments.

Continued clinical case management will proceed at the discretion of PMA.

- b) PMA shall also provide the Medicare related services set forth in Exhibit A to this Agreement.
- c) PMA's Clinical Case Managers are authorized to provide PMA's Point of Sale Nurse Intervention Program on all claims at PMA's discretion to assist with seeking improved claim outcomes. The Program will review incoming claimant medications which are outside of Centers for Disease Control guidelines, and recommend an intervention strategy which may include potential weaning, drug testing, and peer reviews to attempt to mitigate long term dependency at the point of sale.
- d) PMA is authorized to employ utilization review services for evaluation of reasonableness, necessity, duration, and frequency of treatment or medication. These services may include, but are not limited to the following:
 - i. Prospective Review - a review prior to treatment or admission conducted by an experienced registered nurse to validate the necessity, frequency and duration of treatment.
 - ii. Concurrent Review - a review during the course of treatment conducted by an experienced registered nurse to evaluate treatment and planned procedures and establish target completion dates.
 - iii. Retrospective Utilization Review- a review after the completion of treatment conducted by an experienced registered nurse to identify inappropriate treatment utilization.
 - iv. Peer Review or Physician Advisor Review - physician-to-physician review and contact to resolve questions related to treatment and diagnosis.
- e) PMA is authorized to employ prospective and concurrent utilization review services that may also include the use of physician advisor review such as for cases that are complicated and warrant physician review to resolve treatment or diagnosis questions.
- f) Upon Client request, PMA will utilize PMA Care24 point of injury nurse triage to assist with determining the direction of care when an injury is reported. This service may include but is not limited to a Clinical Case Manager providing self-care recommendations to the claimant, first notice of loss reporting, direction of care into the network or to a panel provider, or a recommendation for use of emergency room care.
- g) PMA may retain third party vendors for the purpose of providing specific medical management services.

6. RISK CONTROL SERVICES

a) Upon request, PMA will:

- i. perform a risk management assessment;
- ii. prepare a more detailed analysis of specific risk-related issues, or prepare custom risk control strategies and implementation plans;
- iii. provide the following risk control services: industrial hygiene assessment, ergonomic risk assessment, and consultation services (e.g. strategic risk control plan facilitation, and employee communication initiatives, as well as management, supervisor and employee development programs and occupational health service programs);
- iv. create and administer a specific risk control service project mutually agreed upon with Client.

- b) Any risk control services provided are solely to assist Client in reducing Client's exposure to risk of loss. Evaluations concern only such conditions and practices as may be evident at the time of PMA's visits. **THE SERVICES PERFORMED UNDER THIS AGREEMENT BY PMA SHALL NOT BE CONSTRUED AS APPROVAL BY PMA OF CLIENT'S OPERATIONS, PROCESSES, SERVICES, PRODUCT DESIGN OR PRODUCT FUNCTION. THE PARTIES AGREE THAT, WHILE PMA WILL PERFORM RISK CONTROL SERVICES WITHIN INDUSTRY STANDARDS, NO GUARANTEES OR OTHER SIMILAR ASSURANCES CAN BE MADE BY PMA THAT IT HAS DISCOVERED ALL OF CLIENT'S PAST, CURRENT, OR FUTURE RISKS OR HAZARDS. THE PARTIES FURTHER AGREE THAT BY PROVIDING THE SERVICES SPECIFIED HEREUNDER, PMA IS NOT MAKING ANY WARRANTY, EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS OF CLIENT'S PRODUCTS OR PROCESSES FOR A PARTICULAR PURPOSE, COMPLIANCE WITH ANY LAW OR REGULATION, OR ANY OTHER WARRANTY, AND ANY LIABILITY OF PMA, ITS AFFILIATES OR AGENTS, FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, FROM ANY CAUSE WHATSOEVER, IS EXPRESSLY DISCLAIMED, EVEN IF PMA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS SECTION OF THE AGREEMENT SHALL SURVIVE THE TERMINATION OF THE AGREEMENT.**

7. RISK MANAGEMENT INFORMATION SYSTEM ("RMIS")

a) PMA will provide the following RMIS services:

- i. upon request, a standard conversion of Client's existing claims data into PMA's claim system. A standard conversion shall be from one electronic source and a customized conversion shall be from two or more sources;
- ii. access to PMA's RMIS for up to six users, provided Client agrees to the terms and conditions of the License Agreement when first accessing PMA's RMIS;
- iii. standard reports available through PMA's RMIS;

- iv. One monthly data file transfer to a single carrier or RMIS system (“**Standard Data Feed**”);
 - v. customized reporting reasonably acceptable to PMA, subject to additional terms, conditions and fees as may be agreed upon by the parties. PMA will provide a reasonable estimate of the costs of preparation of any such reports to Client in advance.
- b) PMA warrants PMA’s RMIS against malfunctions, errors, or loss of data which are due solely to errors on its part. If Client notifies PMA in writing and furnishes adequate documentation of any such malfunction, error or loss of data, then:
- i. in the event of a malfunction, error or loss of data, upon notice from Client within 20 days of the event, PMA will recreate the reports designated by Client without an additional fee, using data as of the recreation date.
 - ii. the maximum and only liability of PMA for such malfunction, error or loss of data shall be its obligation to recreate reports or regenerate data as described above.
- c) **THE WARRANTIES STATED IN THIS SECTION ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL PMA BE LIABLE FOR ANY LOSS OR DAMAGE TO REVENUES, PROFITS, OR GOODWILL OR OTHER, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND RESULTING FROM ITS PERFORMANCE OR FAILURE TO PERFORM UNDER THIS SECTION, INCLUDING WITHOUT LIMITATION ANY INTERRUPTION OF BUSINESS, EVEN IF PMA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE. THIS SECTION OF THE AGREEMENT SHALL SURVIVE THE TERMINATION OF THE AGREEMENT.**
- d) Obligations of Client regarding use of PMA’s RMIS:
- i. Client shall adhere to state and federal law with regard to protecting the privacy of any claimant whose information may appear in PMA’s RMIS. Client agrees to use all available security features and to notify PMA promptly of all potential and actual breaches of the system.
 - ii. Client agrees that no information in PMA’s RMIS will be used as a pretext for retaliatory or other illegal or unfair discriminatory employment practices in violation of any federal or state statute or regulation.
- e) General Provisions regarding PMA’S RMIS:
- i. Client agrees to limit access to PMA’s RMIS to those persons who perform the essential functions of claim and risk management, including protecting security access passwords and communications, except that this provision is not intended to limit Client from generating and using reports and statistics for legitimate business purposes.
 - ii. Unless otherwise stated, Client’s access to PMA’s RMIS will end upon termination of the Agreement.

8. LITIGATION SUPPORT SERVICES

- a) In the event a Qualified Claim managed by PMA pursuant to this Agreement: (x) enters into litigation; or (y) is scheduled for a workers' compensation hearing; or (z) involves a potential third-party (subrogation) claim (collectively, (x), (y) and (z), "**Disputed Claim**"), PMA will:
- i. make recommendations to Client regarding claim matters relevant to the Disputed Claim;
 - ii. assist Client in the retention and appointment of counsel selected by Client to represent Client in and regarding such legal matters, and assist Client in the selection of expert witnesses and vendors;
 - iii. pursue all appropriate subrogation claims as directed by Client.
- b) PMA is authorized to utilize legal bill analyzer services to review and process legal invoices from all defense counsel utilized by the Client.

9. SECTION 111 REPORTING

- a) Client understands and acknowledges that it is a Responsible Reporting Entity ("**RRE**") as defined by the Centers for Medicare and Medicaid Services ("**CMS**"), and is responsible for the reporting requirements as set forth in Section 111 of the Medicare, Medicaid, and SCHIP Extension Act of 2007.
- b) Client authorizes PMA or PMA's designee to undertake Client's Section 111 reporting requirements as Client's Account Manager/Reporting Agent as it relates to Client's Qualified Claims. Client further agrees to fully cooperate with PMA, including the execution of any documents necessary for such authorization.
- i. PMA shall not provide any Section 111 reporting services for Client's Record Only Claims.
 - ii. PMA shall not undertake Section 111 reporting activities for Client's claims which were converted from Client's prior TPA to PMA but were never serviced by PMA.
- c) Client acknowledges and agrees to provide PMA with complete, accurate, and timely data, as well as completed CMS documentation, for Section 111 reporting purposes.
- d) Upon receipt of complete, accurate claim data, PMA shall commence reporting of Client's data to CMS, and shall continue for as long as PMA provides claims handling services for Client's Qualified Claims.
- e) PMA shall have no liability for any failure of (i) Client to register as a RRE; (ii) Client to execute any documents necessary to authorize PMA or PMA's designee as its Account Manager/Reporting Agent; or (iii) Client or its prior TPA to report Client's claims when they were first required to do so.

10. FUNDING of CLAIMS and EXPENSES

PMA will continue to maintain a non-interest bearing checking account in PMA's name ("**Payment Account**") with PMA's bank, which is to be funded by Client but which PMA will administer for the purposes of paying Qualified Claims and ALAE, in accordance with the procedures set forth in this Section. PMA will provide Client with a monthly schedule ("**Payment Register**") outlining all claim payments, ALAE, and correction items funded by PMA and will contain the name of the payee, date of payment, amount of payment, and claim number for all transactions occurring during the prior month.

- a) PMA will automatically withdraw funds from Client's account at Client's bank through the Automated Clearing House System ("**ACH Debit**") for deposit to the Payment Account. ACH Debit activities will occur on a daily basis. Client acknowledges that it has signed an Authorization to Access Account Form prior to the inception of PMA's services. The amount of the automatic withdrawal shall equal the total amount of payments made during that business day. Client shall not be required to maintain a minimum balance in the Payment Account.
- b) Should Client fail at any time to maintain the required funding after receiving notification from PMA, PMA will stop providing all services, including ceasing to pay claims and expenses, until such funding has been restored and any related PMA bank charges, fees, or penalties have been paid by Client.
- c) PMA is not obligated to pay any claims or expenses on behalf of Client unless the required funds are made available by Client to PMA to do so. Should PMA advance funding on the part of Client, then Client shall immediately reimburse PMA or PMA will stop providing services, including ceasing to pay claims and expenses, until full reimbursement has been received and any related PMA bank charges, fees, or penalties have been paid by Client. PMA shall have no liability to Client for any penalties, fines or assessments incurred due to Client's failure to maintain sufficient funds in the Payment Account or PMA's election to stop performing services as a result thereof.
- d) This Section of the Agreement shall survive the termination of the Agreement.

11. CLAIM HANDLING SERVICE FEE

- a) For claims handling services to be rendered under this Agreement, Client shall pay PMA an annual estimated fee, based upon the projected number of new claims to be serviced by PMA during the term of this Agreement. The annual estimated fee due to PMA is \$34,941, to be paid in 12 equal installments of \$3,196. Client shall pay the initial installment at the inception of each year of this Agreement and subsequent installments monthly thereafter.
 - i. At the end of each term year of this Agreement, PMA shall calculate for that year the actual fees for services based upon the number of claims multiplied by the following per claim fees:
 - 1. \$1,416 for each Indemnity Time Claim;
 - 2. \$232 for each Medical Only Claim; and
 - 3. \$25 for each Record Only Claim.

If PMA determines that additional claim handling fees apply, then PMA may bill such additional claim handling fees as they are incurred or in any other reasonable manner as PMA shall determine. Any reconciliation during a term year shall be duly accounted in the reconciliation after the term year. A Qualified Claim previously classified as a Record Only Claim or a Medical Only Claim may be reclassified during any reconciliation if the claim has evolved in a manner that satisfies the requirements for another type of Qualified Claim. In that case, only the difference between the prior rate and the new rate shall be charged as part of the reconciliation.

12. OTHER FEES

As compensation for the TPA services provided in this Agreement, Client agrees to pay PMA the fees identified in the Fee Schedule attached to this Agreement as Exhibit A and incorporated into this Agreement by reference as an integral part of this Agreement. Payment shall be due as fees are incurred. Fees that are due annually or monthly shall be due on the effective date of this Agreement and each annual or monthly anniversary thereafter, as applicable. The fees set forth in Exhibit A can be changed by PMA if new arrangements are made by PMA and its third party vendors. PMA shall provide Client notice of any change in fees within 10 business days of the implementation of the change.

13. PAYMENT of FEES

PMA will bill Client for fees when due. If the bills are not paid within 30 days after receipt, PMA reserves the right to charge Client interest at an annual rate of 12% on all overdue payments, and to stop providing services, including ceasing to pay claims and expenses, until such bills and interest have been paid in full.

14. CONFIDENTIALITY

- a)** The parties acknowledge and agree that information emanating from either party's business in any form may be confidential and proprietary in nature. Each party will use its reasonable best efforts during and after the termination of this Agreement to preclude the duplication, use or disclosure of any such confidential and proprietary information to any third party, unless such duplication or disclosure is specifically authorized under this Agreement or otherwise by the party claiming ownership. In addition, the parties agree that information contained in a Claim File or PMA's RMIS or otherwise provided in the context of this relationship shall be considered confidential and proprietary, and may constitute privileged and/or attorney work product protected from discovery by law and/or rules of court. Therefore, neither party will release any such information unless:
 - i.** compelled by an order of a court of competent jurisdiction;
 - ii.** mandated by an insurance code, claim practices act, workers' compensation law, or other applicable law or regulation to provide information to the claimant or other person; or
 - iii.** mandated by applicable court discovery rules.
- b)** If there is an obligation to release part but not all of the information, the part deemed not responsive will be withheld, but nothing in this Agreement is intended to abrogate the duty of either party to comply in good faith with such discovery requests.

- c) Each party agrees that the information contained within PMA's RMIS must be treated in a confidential manner by all users who may gain authorized access to PMA's RMIS.
- d) Client agrees PMA (or its representative) may de-identify and thereafter utilize Client's information for benchmarking and related purposes.
- e) PMA processes on behalf of Client personal information disclosed to it by Client and personal information that Client has asked PMA to collect as part of the services provided under this Agreement. PMA shall not retain, use or disclose personal information relating to Client's injured workers for any purpose other than for the purpose of providing the services contemplated by this Agreement or as permitted by applicable law. PMA may disclose information to its vendors to the extent necessary or advisable to provide the services required under this Agreement.
- f) This Section of the Agreement shall survive the termination of the Agreement.

15. NATURE of RELATIONSHIP

- a) PMA agrees to perform the services described in this Agreement as an independent contractor and not as an agent or employee of Client. Client retains no control or direction over PMA, its employees or agents, or over the detail, manner or methods of the performance of the services described herein.
- b) PMA retains third party vendors to provide services under this Agreement and PMA's charges to Client may vary from the itemized charge to PMA. Vendors may be required to meet requirements determined by PMA, including but not limited to, appropriate licensure, adequate insurance coverage (including cybersecurity), and meeting standards for protecting confidential information. Client shall hold PMA harmless from liabilities resulting from PMA's utilization of any third party vendor selected by Client if the vendor does not meet requirements determined by PMA. Client acknowledges and agrees that PMA may receive allowances or payments from vendors in connection with PMA's utilization of vendor services as consideration for PMA's efforts in the management, administration and integration of the services.

16. TERMINATION

- a) This Agreement may be terminated upon 90 days advance written notice by either party with or without cause.
- b) This Agreement may be terminated:
 - i. by mutual agreement of the parties;
 - ii. by PMA if Client is in default in payment of any fees or expenses due hereunder or fails to maintain the requisite claim funding levels as required herein and PMA has given Client prior written notice of such default five days prior to the date set for termination;
 - iii. by the non-breaching party if the other party breaches (other than a monetary breach) under any of the terms, covenants and conditions hereunder and the non-breaching party

has given the breaching party prior written notice of such breach 20 days prior to the date set for termination and the breaching party has failed to cure such breach prior to the termination date;

- iv. by one party if the other party becomes insolvent or bankrupt, is placed into receivership, makes an assignment for the benefit of creditors, or is levied upon or sold by Sheriff's sale;
 - v. by PMA or Client if PMA fails to obtain any required state or federal licensing for providing services hereunder; or
 - vi. by PMA or Client if any state regulatory entity fails to approve or subsequently disapproves or revokes the self-insured status of Client. PMA or Client may choose to suspend all or part of PMA's obligations under this Agreement or terminate this Agreement with respect to a state or states where Client loses its self-insured status.
- c) This Agreement shall be deemed terminated upon its normal expiration.
- d) Upon termination of this Agreement pursuant to paragraph (c) above, PMA shall service Client's remaining open claims pursuant to the terms of this Agreement, unless Client directs PMA to cease servicing the open claims. Upon termination of this Agreement pursuant to paragraph (b) above, PMA shall have no further obligation to service Client's remaining open claims and PMA shall be entitled to return the Claim Files to Client in electronic form. PMA may at its option keep a copy of the Claim Files for PMA's records. Client shall be responsible for payment of all fees incurred by PMA up to and including the date of termination.
- e) Client and PMA acknowledge that certain approved indemnity, medical and expense payments may still be in process of payment upon the date of termination. Therefore Client agrees that Client will remain responsible for payment of any and all indemnity, medical and expense payments which may be processed by PMA for a Qualified Claim, which shall include, at a minimum, the maintenance of a claim funding mechanism for at least 45 days after the Agreement terminates. In addition, PMA shall return to Client any outstanding checks remaining unpaid after termination. PMA shall not be responsible for Client's escheat obligations with regard to issued but unrepresented checks either before or after the termination of this Agreement.
- f) PMA may utilize the Payment Account for any outstanding amounts owed by Client to PMA prior to returning unallocated funding to Client.
- g) This Section of the Agreement shall survive the termination of this Agreement. Nothing in this Section of the Agreement shall limit any other remedy that may be available to PMA.

17. INDEMNIFICATION, HOLD HARMLESS, and LIMITATION OF LIABILITY

- a) To the fullest extent permitted by law, PMA shall indemnify, defend and hold harmless Client, its affiliates, officers, directors, employees, and agents, from and against all claims, losses, damages, costs, liability or expenses, including attorneys' fees, caused by or resulting from claims from third parties alleging negligence or willful misconduct of PMA, its officers, directors, employees or agents. However the parties agree that PMA, its directors, officers, agents or employees, will not be liable to Client or any third party for claims arising from PMA's performance under this Agreement in those cases where PMA acted at the request of or with the consent of Client.

- b) Client agrees that it will not hold PMA liable for, or reduce the compensation of PMA with respect to, any failure of PMA to deliver any services resulting from any failure to cooperate on the part of Client or the prior administrator.
- c) Promptly after the receipt by any party seeking indemnification under this section (“Indemnatee”) of notice of the commencement of any action or the assertion of any claim against such Indemnatee by a third party, such Indemnatee shall give such indemnifying party written notice thereof and the indemnifying party shall have the right to undertake the defense of such action or claim. If the indemnifying party fails to defend or, after undertaking such defense, fails to prosecute or withdraws from such defense, the Indemnatee shall have the right to undertake the defense and settlement thereof at the indemnifying party’s expense. If the indemnifying party is defending such action or claim, the Indemnatee may retain separate counsel at its sole cost and expense and may participate in the defense of such action or claim. An indemnifying party may only settle an action or claim with the consent of the Indemnatee, which consent shall not be unreasonably withheld or delayed. If the Indemnatee does not consent to a settlement proposed by the indemnifying party that includes a full release of Indemnatee from all claims at issue, the Indemnatee shall be responsible for any settlement, award, judgment or damages incurred above the settlement amount proposed by the indemnifying party, as well as all costs and expenses, including attorneys’ fees, incurred in the defense of the claims from the date of the proposal.
- d) The indemnification provided in this section represents the sole remedy for actions or claims brought by third parties.
- e) Neither party shall be liable to the other party for punitive or consequential damages.
- f) Client agrees that PMA’s total liability to Client under this Agreement shall not exceed the amount of claim handling fees billed and collected by PMA during the 3 year period immediately preceding the date Client first notifies PMA in writing of any potential action or claim. This limitation of liability shall not apply to contract or tort claims filed by Client against PMA.
- g) Any claim under this Agreement must be brought by the party within two years of the event forming the basis of the claim.
- h) This Section of the Agreement shall survive the termination of the Agreement.

18. NOTICES

All notices required to be given by one party to the other under this Agreement will be in writing and will be sent by first class US mail, postage prepaid, or by nationally recognized overnight carrier and will be addressed as set forth below or to such other address as may be designated in writing by either party in accordance with the provisions of this Agreement and will be effective upon receipt.

For Client:

HR Director
City of Franklin
109 3rd Avenue South
City Hall
Franklin, TN 37064

With a copy to: Shauna Billingsley, City Attorney
City of Franklin
109 3rd Avenue South
Franklin, TN 37064

For PMA: President
PMA Management Corp.
380 Sentry Parkway
Blue Bell, PA 19422

With a copy to: General Counsel
PMA Management Corp.
380 Sentry Parkway
Blue Bell, PA 19422

19. NON SOLICITATION of PMA'S EMPLOYEES

Client agrees not to directly solicit for employment, either as an employee or an independent contractor, employees of PMA during the term of this Agreement or for a period of one year following its termination. The parties acknowledge the difficulty in determining a specific damage amount for breach of this section, therefore, as liquidated damages and not as a penalty, if Client breaches the terms of this section, Client shall pay PMA an amount equal to one year's base salary of each employee hired. This section of the Agreement shall survive the termination of the Agreement.

20. ASSIGNMENT

This Agreement is non-transferable to the successors or assigns of PMA unless the successor assumes the same obligations of PMA in writing. Such assignment shall be provided to the City within 15 days after the assignment.

21. COOPERATION

- a)** Client and its agents, representatives and employees will promptly report to PMA all notices of injuries, losses or claims for which Client may be liable under its self-insurance program, and to provide all necessary documents and materials to PMA, including but not limited to excess policies, which are necessary to provide the services hereunder.
- b)** Each party and its agents will cooperate fully with the other party in connection with its obligations hereunder and upon reasonable request, assist in the investigation, litigation, settlement and/or defense of a particular Qualified Claim. Upon prior notice from Client, all Claim Files will be open to Client's inspection at reasonable times, at the office of PMA. PMA may, at its own option within five business days of such request provide Client or Client's representative with limited access to PMA's RMIS for the purposes of reviewing Claim Files electronically.
- c)** This Section of the Agreement shall survive the termination of the Agreement.

22. WARRANTIES and REPRESENTATIONS

- a)** By affixing its authorized signature below, Client warrants that it has been duly authorized and/or otherwise possesses all requisite authority and may lawfully enter into this Agreement.

- b) By affixing its authorized signature below, PMA warrants that it has been duly authorized and/or otherwise possesses all requisite authority and may lawfully enter into this Agreement.

23. MODIFICATION

PMA may seek to modify fees if: (i) PMA's fees and charges were based upon inaccurate or erroneous data, or Client's business changes materially in the nature or volume of business or claims from what was originally contemplated at the inception of the Agreement; or (ii) during the term of this Agreement, legislative and/or regulatory changes materially impact or change the scope of PMA's services or responsibilities. If the parties are unable to reach an agreement with regard to the modification, then either party may terminate this Agreement with 60 days written notice to the other party, with the current fee structure remaining in effect. PMA will continue to provide services for the 60 day notice period, after which PMA will return all Claim Files to Client and submit a final billing to Client.

24. MISCELLANEOUS

- a) **Governing Law.** This Agreement and all disputes relating in any way to this Agreement shall be governed by and construed in accordance with the laws of the State of Tennessee, without regard to its principles of conflicts of laws.
- b) **Entire Agreement.** This Agreement constitutes the entire agreement between the parties regarding the subject matter hereof, and supersedes all prior written or oral agreements, representations, warranties, negotiations, or understandings. The parties further represent and warrant that they have not relied on any representations, warranties or statements as an inducement to entering this Agreement other than what is expressly written herein.
- c) **No Waiver.** No delay or omission on the part of any party in exercising any right hereunder will operate as a waiver of such right or of any other right under this Agreement. A waiver on any one occasion will not be construed as a bar to or waiver of any right or remedy on any other occasion.
- d) **Standard of Care.** PMA shall discharge its obligations under this Agreement with commercially reasonable care, skill, prudence and diligence.
- e) **Force Majeure.** The obligations of either PMA or the Client under this Agreement will be suspended for the duration of any force majeure applicable to that party. The term "force majeure" means any cause not reasonably within the control of the party claiming suspension, including without limitation, an act of God, industrial disturbance, war, riot, weather related disaster, earthquake, and/or governmental action. Client's obligation to fund its claims and expenses shall continue uninterrupted during this Agreement and shall not be subject to a force majeure event. The party claiming suspension pursuant to this section of the Agreement shall take all commercially reasonable steps to resume performance as soon as possible without incurring unreasonably excessive costs.
- f) **Severability.** If any provision of this Agreement conflicts with the laws of the State of Tennessee, then the provision shall not be enforceable to the extent of such conflict. The provisions of this Agreement are to be deemed severable, and the invalidity or unenforceability

of any provision will, unless material and going to the essence of the Agreement as a whole, not affect or impair the remaining provisions which will continue in full force and effect.

- g) **Counterparts; Electronic Signature.** This Agreement may be executed in one or more counterparts, each of which shall be an original, and all of which together shall constitute a single instrument. The intentional action in electronically signing this Agreement shall be evidence of consent to be legally bound by this Agreement. Further, the parties agree that this Agreement may be signed and/or transmitted by electronic mail of a .PDF document or electronic signature (e.g., DocuSign or similar electronic signature technology) and thereafter maintained in electronic form, and that such electronic record shall be valid and effective to bind the party so signing as a paper copy bearing such party's hand-written signature. The parties further consent and agree that the electronic signatures appearing on this Agreement shall be treated, for purpose of validity, enforceability and admissibility, the same as hand-written signatures. Each party agrees not to contest the admissibility or enforceability of the electronically signed copy of this Agreement in any proceeding arising out of this Agreement.
- h) **Captions.** The captions and headings to the various Sections of this Agreement have been inserted for convenience of reference only, and shall not have the effect of amending or changing the express terms or provisions of this Agreement.
- i) **Ambiguities.** The parties agree that the terms and language of this Agreement are the result of detailed negotiations between the parties and, as a result, there shall be no presumption that any ambiguities in this Agreement shall be resolved against either party. Any controversy over the construction of this Agreement shall be decided in light of its business purposes, without regard to events of authorship or negotiation.
- j) **Calculation of Time.** All references herein to days shall be to calendar days, unless an express reference is made to business days. In the event the last day for compliance falls on a Saturday, Sunday, or Holiday, the period for compliance shall be deemed to include the following business day.
- k) **Amendment.** Except as otherwise set forth in this Agreement, this Agreement will not be amended except as mutually agreed in a writing signed by both parties.
- l) **Use of Client Name and/or Logo.** PMA, with Client's approval, may utilize Client's name and/or logo in promotional or marketing efforts.

25. COMPLIANCE WITH TENNESSEE REGULATIONS

It is agreed and understood by PMA and Client that the parties agree to, and will comply with, the provisions of Tenn. Comp. R. & Regs. 0780-1-81-.03 through 0780-1-81-.08: (1) as attached to this Amendment; (2) as incorporated into the Agreement as Exhibit B; and (3) as annotated by PMA and Client within the margins of Exhibit B.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers on the day and year first written above.

PMA MANAGEMENT CORP.

CITY OF FRANKLIN

BY: _____

BY: _____

TITLE: _____

TITLE: Eric Stuckey, City Administrator

Approved as to form:

J. Blake Harper, Staff Attorney

Exhibit A – Other Services Fee Schedule

All fees are billed as incurred unless specifically agreed otherwise.

<u>Service Type</u>	<u>Amount</u>
<u>Managed Care:</u>	
Bill review and repricing	\$8.75 per bill, plus 29% of savings over and above fee schedule and/or usual and customary
Utilization review	\$125 per review
Clinical case management services	\$103.00 per hour
Medical consultant review	\$255 per review
PMA Care 24	\$103.00 per call
Point of Sale Pharmacy Program	\$75.00 per review
Medical Director	\$250 per hour
<u>Medicare Solutions</u>	
Section 111 Reporting	\$9.00 per claim queried
Medicare Set-Aside Allocation	\$2,200 each
CMS Submissions	\$630 each
Medicare Conditional Payment Research	\$130 each
Medicare Conditional Payment Appeal or Dispute	\$260 each
Medicare Conditional Payment Research Final Demand	\$55 each
Medical Cost Projections	\$1,900 each
Evidenced Based MSA	\$2,200 each
Life Care Plan	\$185 per hour
Legal Nurse Review	\$1,900 per review
Update (of prior MSA report)	\$785 per report
Resolution Services	\$130 per hour
Medicare/Social Security Verification	\$205 each
Medicaid Conditional Payment Research	\$260 each
Medicare Advantage Plan Conditional Payment Negotiation	\$525 each
Provider Relations Specialist	\$110 per hour
<u>Information Systems:</u>	
RMIS fee	Included for up to 6 users during the term of this Agreement; \$500 per year each additional user. \$4,000 per year, upon termination of the Agreement should claims remain open and Client elect continued access (for up to 3 users)
Customized Reporting/Programming	\$155.00 per hour
Standard Data Feed Set-Up	\$2,500 per year

Standard Data Feed	\$200 per month
<u>Risk Control:</u>	
General	\$135 per hour
Industrial hygiene services	\$180 per hour
Special Projects	To be determined
<u>Claim Adjustment:</u>	
Vocational Rehabilitation	\$103.00 per hour
Claim Indexing	\$19.75 per claim queried
Legal Bill Analyzer	3% of gross billed charges
<u>Other:</u>	
Administrative	Included during the term of this Agreement. \$4,000 per year, upon termination of the Agreement should claims remain open, until all claims are closed.
Non-standard claim intake	\$18 per claim
Subrogation Specialist Services	17% of gross recovery
Excess & Second Injury Fund Recovery Services	2% of gross recovery
Recover to At Work	\$110.00 per hour
Standard Data Extract (upon termination)	\$5,000
Each Claim Review in excess of two per year	\$1,500 per review, per day plus PMA expenses
Onsite claim review	Travel incurred by PMA personnel is reimbursed in full by the client

EXHIBIT B
COMPLIANCE WITH TENN. COMP. R. & REGS. 0780-1-81-.03
THROUGH 0780-1-81-.08

PMA and Client agree to, and will comply with, the following Tennessee Rules and Regulations from the Department of Commerce and Insurance, Division of Insurance, relating to administration of self-insurance workers' compensation programs by single employers or pools:

Agreed, understood,
and to be complied
with by PMA.

Agreed, understood,
and to be complied
with by Client.

07-1-81-.03 WRITTEN AGREEMENT NECESSARY

- (1) No third party administrator shall act as such without a written agreement between the third party administrator and the employer or pool, and the written agreement shall be retained as part of the official records of the employer or pool and the third party administrator for the duration of the agreement and for five (5) years thereafter. The agreement shall contain all provisions required by this Chapter, except insofar as these requirements do not apply to the functions performed by the third party administrator.
- (2) The written agreement shall include a statement of all of the duties that the third party administrator is expected to perform on behalf of the employer or pool.
- (3) The employer, pool, or third party administrator may, with written notice, terminate the written agreement for cause as provided in the agreement. The employer or pool shall fulfill any and all lawful obligations with respect to workers' compensation benefits affected by the written agreement, regardless of any dispute between the employer or pool and the third party administrator.

Agreed, understood,
and to be complied
with by PMA.

Agreed, understood,
and to be complied
with by Client.

07-1-81-.04 PAYMENT TO THIRD PARTY ADMINISTRATOR

The payment of claim payments forwarded by the employer or pool to the third party administrator shall not be deemed to have been paid to the employee until the payments are actually received by the employee, unless any different standard has been promulgated under the workers' compensation law by the Department of Labor and Workforce Development.

07-1-81-.05 MAINTENANCE OF INFORMATION

- (1) A third party administrator shall maintain and make available to the employer or pool complete books and records of all transactions performed on behalf of the employer or pool. The books and records shall be maintained in accordance with prudent standards of insurance record keeping and shall be maintained by the third party administrator for a period of not less than five (5) years from the date of their creation, unless the agreement between the employer or pool and the third party administrator is terminated prior to the five (5) years.
- (2) The Commissioner shall have access to all books and records maintained by the third party administrator for the purposes of examination, audit, and inspection. Pursuant to the Commissioner's role, applicable common law and statutory protections and privileges, and examination and investigative authority including those conferred under T.C.A. § § 50-6-405, 56-1-409, and any other provisions of T.C.A. Title 56 or 50 that may be pertinent, any documents, materials, or other information in the possession or control of the Commissioner that are furnished by a third party administrator, insurance producer, or an employee or agent thereof acting on behalf of the third party administrator, insurance producer, or obtained by the Commissioner shall be confidential by law and privileged, shall not be subject to public inspection as provided in T.C.A. § 10-7-503, may be shielded from subpoena or eligible for a protective order under applicable laws and court procedure rules, and may be shielded from discovery or inadmissible as evidence in any private civil action. However, the Commissioner is authorized to use such documents, materials or other information in furtherance of any regulatory or legal action brought as part of the Commissioner's official duties. The costs of such examination, audit, or inspection, including such experts which the Commissioner deems necessary to contract, may be assessed, in the discretion of the Commissioner, to the third party administrator, employer, or pool.
- (3) The Commissioner or any person who received documents, materials, or other information while acting under the authority of the Commissioner may resist under any applicable laws and court rules being called to testify in any private civil action concerning any confidential documents, materials, or information referenced in Paragraph (2) of this Rule. By this Rule, the Commissioner does not waive any right he or she may have to determine and assert the scope of confidentiality and privilege relating to particular documents, materials, or other information obtained or maintained under the Commissioner's authority.
- (4) In order to assist in the performance of his or her duties, the Commissioner:

- a. May share documents, materials, or other information, including the confidential and privileged documents, materials, or information subject to Paragraph (2) of this Rule, with other state and federal agencies, provided that the recipient agrees in writing to maintain the confidentiality and privileged status of the document, material, or other information;
 - b. May receive documents, materials, or information, including otherwise confidential and privileged documents, materials, or information, from the NAIC, its affiliates or subsidiaries and shall maintain as confidential or privileged any document, material, or information received with notice or the understanding that it is confidential or privileged under the laws of the jurisdiction that is the source of the documents, materials, or information; and
 - c. May enter into agreements governing sharing and use of information consistent with this Paragraph.
- (5) To the extent allowed under applicable law, the Commissioner deems that no waiver of any applicable privilege or claim of confidentiality in the documents, materials, or information is intended or shall occur as a result of disclosure to the Commissioner under this Rule or as a result of sharing as authorized in Paragraph (4) of this Rule.
- (6) Nothing in this Chapter shall prohibit the Commissioner from releasing documents related to contested cases or examination reports or orders which are open to public inspection pursuant to T.C.A. § 10-7-503.
- (7) The employer or pool shall own the records generated by the third party administrator pertaining to the employer or pool, however, the third party administrator shall retain the right to continuing access to books and records necessary to permit the third party administrator to fulfill all of its contractual obligations to employers or pools. Nothing in this paragraph shall restrict the ability of a third party administrator to make copies of documents in their possession after the termination of their agreement with the employer or pool.
- (8) If the employer or pool and the third party administrator cancel their agreement pursuant to Rule 0780-1-81-.03(3), notwithstanding the provisions of Paragraph (1) of this Rule, the third party administrator may by written agreement with the employer or pool transfer all records to a new third party administrator rather than retain them for five (5) years. In such cases, the new third party administrator shall acknowledge, in writing, that it is responsible for retaining the records of the prior third party administrator as required in Paragraph (1) of this Rule.

Agreed, understood,

Agreed, understood,

07-1-81-.06 RESPONSIBILITIES OF EMPLOYER OR POOL

- (1) If an employer or pool utilizes the services of a third party administrator, the employer or pool shall be responsible for determining the benefits, premium rates, and claims payment procedures applicable to the benefits and for securing reinsurance, stop loss insurance or excess coverage, if any. The rules pertaining to these matters shall be provided, in writing by the employer or pool to the third party administrator. The responsibilities of the third party administrator as to any of these matters shall be set forth in the written agreement between the third party administrator and the employer or pool.
- (2) Nothing in this Chapter shall relieve an employer or pool of the ultimate responsibility for the competent administration and timely payment of workers' compensation benefits as required by T.C.A. § § 50-6-205 and 56-8-104 and any rules promulgated thereunder.

07-1-81-.07 COLLECTION OF MONIES AND PAYMENTS OF CLAIMS

- (1) All monies collected by a third party administrator on behalf of or for an employer or pool, and the return of monies received from that employer or pool, shall be held by the third party administrator in a fiduciary capacity. The monies shall be immediately remitted to the person entitled to them or shall be deposited promptly in a fiduciary account established and maintained by the third party administrator in a federally or state insured financial institution. The written agreement between the third party administrator and the employer or pool shall provide for the third party administrator to periodically, but no less than quarterly, render an accounting to the employer or pool detailing all transactions performed by the third party administrator pertaining to the business underwritten by the employer or pool.
- (2) If monies deposited in a fiduciary account have been collected on behalf of or for one or more employers or pools, the third party administrator shall keep records clearly recording the deposits in and withdrawals from the account on behalf of each employer or pool. The third party administrator shall keep copies of all the records and, upon request of an employer or pool, shall furnish the employer or pool with copies of the records pertaining to the deposits and withdrawals.

- (3) All claims paid by the third party administrator from funds collected on behalf of or for an employer or pool shall be paid only on drafts, electronic transfer, or checks of and as authorized by the employer or pool.
- (4) All third party administrators shall comply with the prompt pay standards set forth in both T.C.A. Title 50 and Title 56 for the payment of workers' compensation benefits.

Agreed, understood,
and to be complied
with by PMA.

Agreed, understood,
and to be complied
with by Client.

07-1-81-.08 DISCLOSURE OF CHARGES AND FEES

Third party administrators shall disclose to the employer or pool all affiliates of the third party administrator providing services to the employer or pool and any fees in addition to those paid to the third party administrator for such services.



File #: 21-0306

DATE: June 3, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator
Kevin Townsel, Director of Human Resources
Sara Sylvis, Benefits Manager

SUBJECT:

*Consideration Of Amendment 1 To COF Contract No. 2023-0182, With PMA Management Group To Extend Third-Party Administrator Services For City Of Franklin Self-Insured Workers Compensation Program

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Amendment 1 to COF Contract No. 2023-0132, with PMA Management Group to extend third-party administrator services for City of Franklin self-insured workers' compensation program.

BACKGROUND/STAFF COMMENTS:

The City of Franklin implemented a self-insured workers compensation program on July 1, 2020. Part of that implementation process was securing third-party administrator services to manage our workers compensation claims. The City of Franklin released Solicitation No. 2020-013, a request for proposals for a third-party administrator to manage the City's future workers compensation claims. After careful review of the proposals submitted from the RFP process, City staff recommended and the Board approved the award of COF Contract No. 2020-0120 for third party administrator services to PMA Management Group. Contract 2023-0182 was issued to provide for the anticipated extensions of the contact with PMA Management Group for FY24 and FY 25. This amendment reflects an extension to Contract No. 2023-0182 and is the last of our two (2) one (1) year extension options with PMA Management Group. The contract will end on June 30, 2025 (FY25).

FINANCIAL IMPACT:

The cost of third-party administrator services fluctuates depending on the number of workers compensation claims we have and how severe those claims are. This cost is allocated to the applicable department where the employee resides. Each month, we pay an administration fee and we pay a CINCH (claims portal) fee at the beginning of each contract year. The flat administration fee is based on the City's budget and exposure. For FY 2025, the total annual fee is \$34,932, which breaks down to \$2,911 per month.

RECOMMENDATION:

Staff recommends that the Board of Mayor and Aldermen approve Amendment 1 to COF Contract No. 2023-0182. .

**AMENDMENT NO. 1 TO
PROCUREMENT AGREEMENT BETWEEN THE CITY OF
FRANKLIN, TENNESSEE AND PMA MANAGEMENT CORP.
COF CONTRACT NO. 2023-0182**

THIS AMENDMENT is made and entered into on this the _____ day of _____ 2024, by and between the **City of Franklin, Tennessee** ("City") and **PMA Management Corp.** ("Service Provider").

WITNESSETH:

WHEREAS, the City and the Service Provider are parties to that certain Agreement COF Contract No. 2023-0182 (the "Agreement").

WHEREAS, the parties desire to extend the term for another one (1) year, to begin July 1, 2024, and to terminate on June 30, 2025. Thereafter, the City shall have the option to extend the term of the Agreement for one additional successive one-year extension term; and

WHEREAS, the parties desire to amend the Agreement to extend the term and make certain other modifications as described herein. All other terms and conditions of the Agreement remain without modification.

NOW, THEREFORE, for and in consideration of the premises, the mutual covenants and conditions contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Capitalized Terms. Capitalized terms used herein and not otherwise defined shall have the same meanings ascribed to them in the Agreement.
2. Term. The new term shall begin July 1, 2024, and to terminate on June 30, 2025. Thereafter, the City shall have the option to extend the term of the Agreement for one additional successive one-year extension term. If such option is exercised, Service Provider may increase its fees hereunder by up to three percent.
3. Claim Handling Service Fee. Section 11 of the Agreement (Claim Handling Service Fee) is hereby amended as follows:
 - a. For claims handling services to be rendered under this Agreement, Client shall pay PMA an annual estimated fee, based upon the projected number of new claims to be serviced by PMA during the term of this Agreement. The annual estimated fee due to PMA is \$35,000, to be paid in 12 equal installments. Client shall pay the initial installment at the inception of each year of this Agreement and subsequent installments monthly thereafter.
 - i. At the end of each term year of this Agreement, PMA shall calculate for that year the actual fees for services based upon the number of claims multiplied by the following per claim fees:
 1. \$1,450 for each Indemnity Claim;
 2. \$235 for each Medical Only Claim; and
 3. \$26 for each Record Only Claim.

- b. If PMA determines that additional claim handling fees apply, then PMA may bill such additional claim handling fees as they are incurred or in any other reasonable manner as PMA shall determine. Any reconciliation during a term year shall be duly accounted in the reconciliation after the term year. A Qualified Claim previously classified as a Record Only Claim or a Medical Only Claim may be reclassified during any reconciliation if the claim has evolved in a manner that satisfies the requirements for another type of Qualified Claim. In that case, only the difference between the prior rate and the new rate shall be charged as part of the reconciliation.
4. Precedence. In the event of conflict between this Amendment and the provisions of the previous Agreement or any other contract, agreement, or other document to which this Amendment may accompany or incorporate by reference, the provisions of this Amendment will, to the extent of such conflict (or to the extent the Agreement is silent), take precedence unless such document expressly states that it is amending this Amendment. Except as modified herein, the terms and conditions of the Agreement shall remain in full force and effect.
5. Severability. If any term or provision of the Amendment is held to be illegal or unenforceable, the validity or enforceability of the remainder of the Amendment will not be affected.
6. Counterparts; Electronic Signatures. This Amendment may be executed in multiple counterparts, each of which shall be deemed an original and all of which, taken together, shall constitute one and the same instrument. Signatures transmitted by facsimile, pdf, or other electronic means shall be deemed original signatures for all purposes hereunder.
7. Agreement in Full Force and Effect. Except as expressly modified herein, all terms and conditions of the Agreement (COF Contract No. 2023-0182) shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first written above.

CITY OF FRANKLIN, TENNESSEE:

**SERVICE PROVIDER:
PMA MANAGEMENT CORP.**

By: _____
Dr. Ken Moore
Mayor

Date: _____

By: _____
Print Name: _____
Title: _____

Date: _____

ATTEST:

By: _____
Eric S. Stuckey
City Administrator

Date: _____

Approved as to Form:

J. Blake Harper
Staff Attorney



File #: 21-0211

DATE: May 14, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator
Paul Holzen, Director of Engineering
Lisa Clayton, Director of Parks

SUBJECT:

Discussion Regarding The City Of Franklin Capital Investment Program
WS 7/11/23; 8/30/23; 9/26/23; 10/10/23; 12/12/23; 1/9/24; 3/12/24; 3/26/24; 4/9/24

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the City of Franklin Capital Investment Program.

BACKGROUND/STAFF COMMENTS:

In August 2019, the Board of Mayor and Alderman approved Resolution 2019-68, "A Resolution To Adopt The Project List For The FY 2019-2028 CIP (Capital Investment Program)". In October 2023, city staff started working with the Board of Mayor and Alderman to evaluate our Capital Investment Program to look at both short and long term priority projects. City staff present potential capital projects, broken down into 5 categories that include Emergency Services, General Services, Parks and Recreation, Stormwater and Transportation. In February 2024, the Board of Mayor and Alderman were provided a CIP ranking sheet to remove and reprioritize our current Capital Investment Program. The purpose of this presentation is to share and discuss the results of this survey and determine which projects should be removed and reprioritized. Some of the projects currently on our approved capital program are now ready to move into the right-of-way acquisition phase. These projects include the Long Lane Overpass Project and the Mallory and Liberty Intersection Project. To keep these projects moving forward, it's critical for the Board to provide guidance on our current list of projects. Once complete, staff can work with the Board to evaluate funding and select additional projects to be included in the Capital Investment Program.

FINANCIAL IMPACT:

Staff will evaluate financial impacts once we have clear direction on our current list of approved capital projects.

RECOMMENDATION:

Staff is seeking direction and feedback from the Board of Mayor and Aldermen.



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model w/ Detailed Project Sheets

January 26, 2024



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

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HISTORIC
FRANKLIN
TENNESSEE

City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Capital Financing Model - January 2024

Executive Summary

This financing model has been updated to determine answers to the following questions:

- What is the amount of available resources from all funds which can be spent on Capital Projects over the next ten years?
- How much will the FY 2024-2033 Capital Improvement Program cost? And,
- What will be the impact on the City's debt capacity and overall debt service?

This model has three main sections:

- 1) This Executive Summary with summaries of current and future resources, annual and cumulative cost estimates for all Phase I CIP projects and a revised Debt Capacity Analysis given the revised cost of projects.
- 2) 10-year Financing Analysis with detailed forecasts for most major internal funds of the City of Franklin.
- 3) Project Detail Sheets, which itemize the annual and cumulative funding needs by source by project.

In building this model, staff has tried to be conservative with our revenue projections and prudent when determining available resources. "Available fund balances" are current unaudited balances in most funds as of June 30th, less amounts reserved either through state law or BOMA policy.

This model has been updated since last presented in December 2023 to include applicable Water/Sewer funding of certain transportation projects, additional grant funding for McEwen Phase and a revised debt issuance structure which maximizes available cash funding. As a result, the Cash/Debt Ratio of funding for approved CIP projects now stands at 54% Cash/46% Debt.



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

HISTORIC
FRANKLIN
TENNESSEE

10-Year Financing Analysis



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Existing Resources (Cash)

The following shows the various funding sources currently available for use on Capital projects. While the City aggressively looks for outside funding to assist in stretching taxpayer dollars, the vast majority of resources available to the City are internal in nature.

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Internal							
110 General							
Capital Funding Account (<45%)	\$ 8,347,536	\$ 8,101,435	\$ 13,836,612	\$ 8,034,291	\$ 11,712,027	\$ 9,649,454	\$ 29,364,325
1.5 Cent Capital Set-Aside	\$ 508,038	\$ 1,034,046	\$ -	\$ -			
Invest Franklin	\$ -	\$ -	\$ 2,968,915	\$ 4,564,635	\$ 6,159,077	\$ 6,159,077	\$ 6,159,077
124 Sanitation Fund	\$ -	\$ -	\$ -	\$ 334,543			\$ -
128 Road Impact Fund	\$ 397,796	\$ 5,014,098	\$ 4,160,044	\$ 9,998,301	\$ 15,913,647	\$ 22,442,977	\$ 23,167,147
130 City Facilities Tax	\$ 6,717,764	\$ 6,976,276	\$ 9,260,411	\$ 15,091,276	\$ 14,031,618	\$ 10,034,987	\$ 9,920,658
132 County Facilities Tax	\$ -	\$ -	\$ 3,488,072	\$ 4,404,141	\$ 5,095,626	\$ 4,438,423	\$ 4,048,948
135 Stormwater	\$ 5,511,065	\$ 4,783,235	\$ 4,687,695	\$ 4,171,436	\$ 3,800,010	\$ 2,383,343	\$ 1,860,803
150 Hotel Motel	\$ 2,749,596	\$ 2,634,109	\$ 3,827,284	\$ 5,722,086	\$ 5,722,086	\$ 7,031,803	\$ 5,334,634
155 Parkland	\$ 2,494,076	\$ 4,425,966	\$ 4,584,138	\$ 6,141,130	\$ 6,141,130	\$ 6,281,730	\$ 6,795,595
Sub-Total Internal Resources	\$ 26,725,871	\$ 32,969,165	\$ 46,813,171	\$ 58,461,838	\$ 68,575,221	\$ 68,421,795	\$ 86,651,186
Total All Available Resources	\$ 26,725,871	\$ 32,969,165	\$ 46,813,171	\$ 58,461,838	\$ 68,575,221	\$ 68,421,795	\$ 86,651,186



City of Franklin

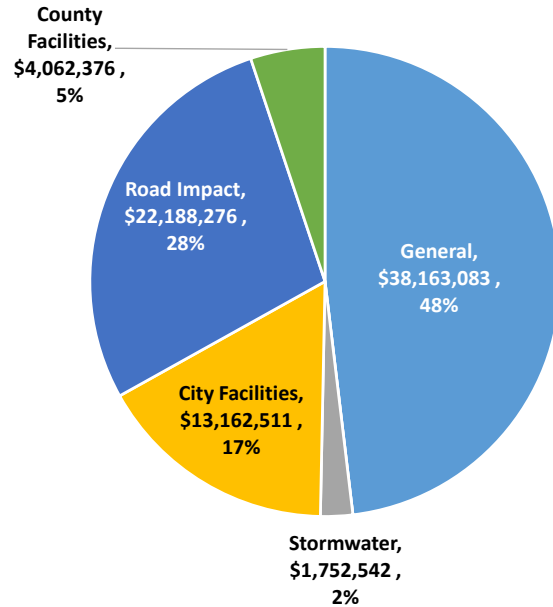
FY 2024-2033 Capital Improvement Program Financing Model

Projected Resources (Cash)

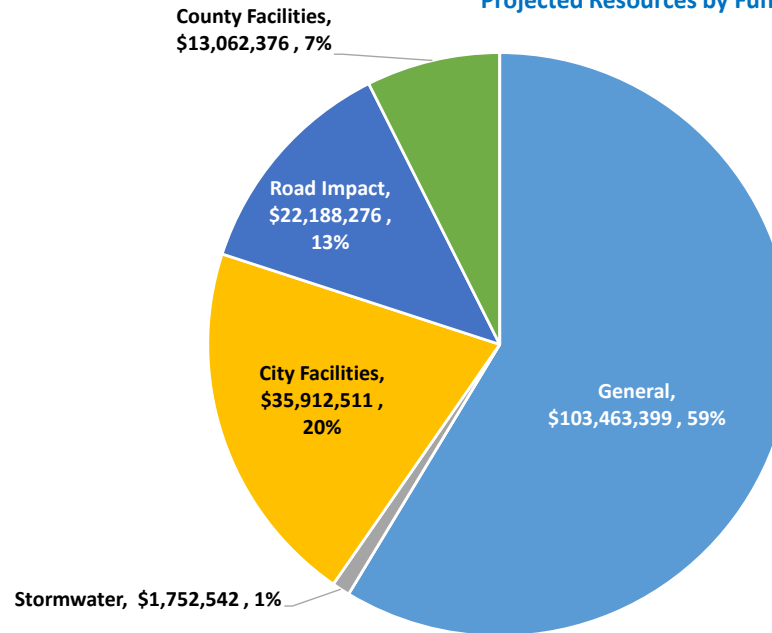
This summarizes the projected cash resources available to the City for the FY 2024-2033 Capital Improvement Program. Existing Fund Balance is shown at the far left, while annual anticipated revenue contributions are provided for the ten-year timeframe of the program.

	Fund Balance Available	Ongoing Resources										Total Available
		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General												
Capital Funding Account	\$ 38,163,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,163,083
Invest Franklin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF Roll-Off (eff. 2024)	\$ -	\$ 1,200,000	\$ 1,224,000	\$ 1,248,480	\$ 1,273,450	\$ 1,298,919	\$ 1,324,897	\$ 1,351,395	\$ 1,378,423	\$ 1,405,991	\$ 1,434,111	\$ 13,139,665
.5% Sales Tax (eff. 2022)	\$ -	\$ 4,550,000	\$ 4,686,500	\$ 4,827,095	\$ 4,971,908	\$ 5,121,065	\$ 5,274,697	\$ 5,432,938	\$ 5,595,926	\$ 5,763,804	\$ 5,936,718	\$ 52,160,651
Road Impact Fund	\$ 22,188,276	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,188,276
City Facilities Tax	\$ 13,162,511	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 35,912,511
County Facilities Tax	\$ 4,062,376	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 13,062,376
Stormwater	\$ 1,752,542	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,752,542
Hotel Motel	\$ 8,622,983	\$ (4,070,884)	\$ 2,526,655	\$ 2,875,097	\$ 3,034,035	\$ 3,279,466	\$ 3,457,662	\$ 3,655,607	\$ 4,130,681	\$ 4,334,640	\$ 4,901,819	\$ 36,747,760
Parkland Dedication	\$ 6,281,730	\$ (2,681,143)	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,658	\$ 1,076,659	\$ 13,290,503
Total	\$ 94,233,500	\$ 2,172,973	\$ 12,688,812	\$ 13,202,329	\$ 13,531,049	\$ 13,951,107	\$ 14,308,913	\$ 14,691,597	\$ 15,356,687	\$ 15,756,094	\$ 16,524,309	\$ 282,617,941

Existing Resources by Fund - FY 2023



Projected Resources by Fund - FY 2023-2033





City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Debt Capacity Analysis

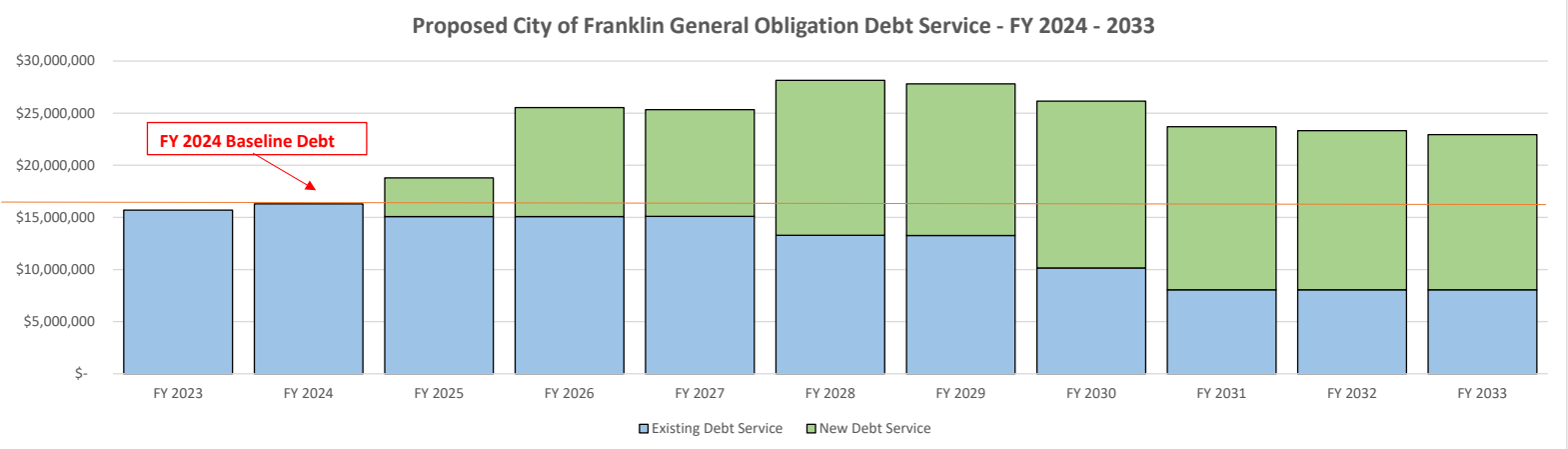
This summarizes the impact upon the City's G.O. Bonds should the City take projected cash resources to extend the available resources to fund capital projects through the issuance of additional bonds.

Proposed Debt Issuances			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Balance (FY 2034-FY 2055)
FY	Interest Rate	Issuance Amt.												
2025	5.00%	\$ 37,000,000	\$ -	\$ -	\$ 3,700,000	\$ 3,607,500	\$ 3,515,000	\$ 3,422,500	\$ 3,330,000	\$ 3,237,500	\$ 3,145,000	\$ 3,052,500	\$ 2,960,000	\$ 23,587,500
2026	4.50%	\$ 87,000,000	\$ -	\$ -	\$ -	\$ 6,848,333	\$ 6,723,833	\$ 6,599,333	\$ 6,474,833	\$ 6,350,333	\$ 6,225,833	\$ 6,101,333	\$ 5,976,833	\$ 61,097,833
2028	4.50%	\$ 51,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,845,000	\$ 4,730,250	\$ 4,615,500	\$ 4,500,750	\$ 4,386,000	\$ 4,271,250	\$ 43,592,250
2030	4.00%	\$ 20,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ 1,760,000	\$ 1,720,000	\$ 1,680,000	\$ 19,800,000
A	New Debt Service		\$ -	\$ -	\$ 3,700,000	\$ 10,455,833	\$ 10,238,833	\$ 14,866,833	\$ 14,535,083	\$ 16,003,335	\$ 15,631,585	\$ 15,259,836	\$ 14,888,087	\$ 148,077,583
B	Existing Debt Service		\$ 15,705,460	\$ 16,294,016	\$ 15,085,602	\$ 15,083,002	\$ 15,098,486	\$ 13,285,990	\$ 13,274,040	\$ 10,142,850	\$ 8,062,200	\$ 8,062,201	\$ 8,062,202	\$ 33,427,035
C (A + B)	Cumulative G.O. Debt Service		\$ 15,705,460	\$ 16,294,016	\$ 18,785,602	\$ 25,538,835	\$ 25,337,319	\$ 28,152,823	\$ 27,809,123	\$ 26,146,185	\$ 23,693,785	\$ 23,322,037	\$ 22,950,289	\$ 181,504,618

Summary:

A key financing component to the FY 2024-2033 Capital Improvement Plan is the issuance of debt. Staff is recommending the additional issuance of \$195,000,000 worth of General Obligation (G.O.) bonds in four separate issuances for a duration of 20 years (except for \$80,000,000 being issued for 30 years for a New City Hall in 2026).

The impacts on the overall debt service are shown above and to the right.



Debt Funding Analysis

How the debt is issued is dependent upon many factors; but none more important than the ability to pay. The chart below shows the annual increase in debt service necessary to service the roughly \$195,000,000 in new bonds (Row A). Row B shows the available resources to be generated in tax revenue coming first from the City's portion of the .5% Sales Tax initiative originally raised for funding Williamson County Schools but has now returned to the City and is split 1/2 to capital and 1/2 to operations. The second portion of Row B is from the retiring of the TIF district, which began to produce property tax revenues in FY 2023 for the General Fund. Row C is the difference on an annual basis which will be required to be funded from accumulated capital cash reserves. Finally, Row D shows the ongoing balance of the G/F Capital Funding Account through 2033 if \$195,000,000 in additional bonds are issued.

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
A Additional Net Debt Service from FY 2024 Levels	\$ -	\$ -	\$ 2,491,586	\$ 9,244,819	\$ 9,043,303	\$ 11,858,807	\$ 11,515,107	\$ 9,852,169	\$ 7,399,769	\$ 7,028,021	\$ 6,656,273
B Capital Commitments from new Taxes (TIF Roll-off, .5% Sales Tax)	\$ -	\$ 5,750,000	\$ 5,910,500	\$ 6,075,575	\$ 6,245,357	\$ 6,419,984	\$ 6,599,594	\$ 6,784,333	\$ 6,974,349	\$ 7,169,795	\$ 7,370,829
C (A-B) Amount needed from G/F Cash	\$ -	\$ 5,750,000	\$ 3,418,914	\$ (3,169,244)	\$ (2,797,946)	\$ (5,438,824)	\$ (4,915,513)	\$ (3,067,836)	\$ (425,420)	\$ 141,774	\$ 714,556
D Balance of G/F Capital Cash	\$ 38,163,083	\$ 43,913,083	\$ 47,331,997	\$ 44,162,753	\$ 41,364,807	\$ 35,925,983	\$ 31,010,470	\$ 27,942,633	\$ 27,517,213	\$ 27,658,987	\$ 28,373,542



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

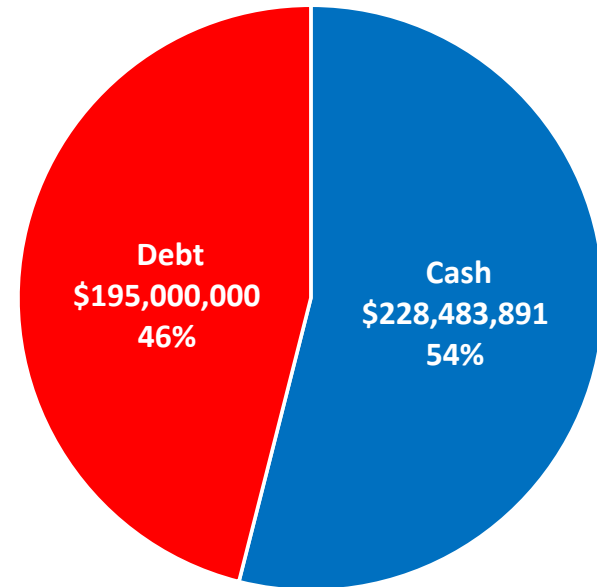
Resources Cash v. Debt

The following shows the anticipated balances in available funding at the end of the ten-year CIP horizon in both cash and debt financing.

FY 2024-2033 Projected

Resources

Internal		Cash & Debt
110 General		
Pay-as-you-go Cash ¹	\$	28,373,542
Additional Debt ²	\$	195,000,000
124 Sanitation Fund	\$	-
128 Road Impact Fund	\$	22,188,276
130 City Facilities Tax	\$	35,912,511
132 County Facilities Tax	\$	13,062,376
135 Stormwater	\$	1,752,542
150 Hotel Motel	\$	36,747,760
155 Parkland Dedication	\$	13,290,503
421 Water	\$	4,572,467
431 Sewer	\$	4,539,858
External		
Federal	\$	39,225,000
State	\$	9,800,000
Local	\$	16,782,458
Utilities	\$	664,522
Private	\$	1,572,076
Total		\$ 423,483,891



Notes:

¹ Pay as you go cash includes the balance of the Capital Funding Account (over 45% of fund balance in the General Fund) and the accumulated total of the 1.5 Cent property tax allocation for capital projects.

² Debt Service resource is an estimated amount of \$195,000,000 based upon the amount of capacity gained from the amount of existing debt service to be retired.



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Change over time in CIP Financing

The following shows the difference between what we planned, what we have budgeted, what we have appropriated and what is left.

Total Change in Revenues & Expenditures, 2019 to Today

<u>A</u> Original 2019-2028 CIP Financing	\$	301,899,016
Revised CIP Financing 2024-2033		
+ Existing Resources (Cash-in-hand)	\$	94,233,500
+ Future Funding (Cash & Debt)	\$	423,483,891
<u>B</u> Revised CIP Financing 2024-2033	\$	517,717,391
<u>C (B-A)</u> Increase in CIP Funding (\$)	\$	215,818,375
<u>D (A/B-1)</u> Increase in CIP Funding (%)		71.5%
<u>E</u> Original 2019-2028 CIP Project Total Cost	\$	281,510,872
<u>F</u> Revised CIP Project Cost 2024-2033	\$	482,413,781
<u>G (E-F)</u> Increase in Project Costs (\$)	\$	200,902,909
<u>H (E/F-1)</u> Increase in Project Costs (%)		71.4%
<u>I (C-G)</u> Difference Revised Funding to Costs	\$	14,915,466

Change in Overall Revenues & Expenses

<u>B</u> New Projected Financing - 2024-2033	\$	517,717,391
<u>F</u> Estimated Remaining CIP Project Costs	\$	482,413,781
<u>J (B-F)</u> Difference remaining Funding vs. Costs (New)	\$	35,303,610



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Year-By-Need Overall Analysis

The following shows the annual financial need for capital projects by funding source. Detailed funding sheets by project are available later in this packet.

	Actual	Projected										Total
Year by Year Need	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Spent & Requested
Internal												
General												
Cash	\$ 2,600,592	\$ 7,984,209	\$ 12,173,448	\$ 13,123,745	\$ 9,186,188	\$ 4,449,629	\$ 1,000,000	\$ 512,635	\$ -	\$ -	\$ -	\$ 51,030,446
Debt	\$ 41,167,067	\$ -	\$ 37,000,000	\$ 87,000,000	\$ -	\$ 51,000,000	\$ -	\$ 20,000,000	\$ -	\$ -	\$ -	\$ 236,167,067
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ 9,138,128	\$ 1,000,000	\$ 3,125,571	\$ 1,400,000	\$ 7,150,000	\$ 7,150,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 29,963,699
Stormwater	\$ 1,516,643	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,516,643
City Facilities Tax	\$ 12,829,851	\$ 3,500,000	\$ 14,179,990	\$ -	\$ -	\$ -	\$ 2,247,800	\$ 2,500,000	\$ 150,000	\$ 650,000	\$ 4,000,000	\$ 40,057,641
County Facilities Tax	\$ 3,350,000	\$ -	\$ -	\$ -	\$ -	\$ 9,025,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,375,000
Hotel Motel	\$ 5,071,873	\$ 2,656,662	\$ 3,182,134	\$ 2,502,200	\$ -	\$ 150,000	\$ 539,479	\$ -	\$ 389,479	\$ 500,000	\$ -	\$ 14,991,827
Parkland Dedication	\$ 7,463,358	\$ 284,995	\$ 3,354,000	\$ 3,276,708	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,379,061
Water Funding	\$ 2,672,467	\$ -	\$ -	\$ 300,000	\$ 350,000	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,572,467
Sewer Funding	\$ 1,339,858	\$ -	\$ 333,333	\$ 633,333	\$ 1,033,334	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,539,858
External												
Federal Funding	\$ 721,739	\$ 1,706,250	\$ 1,706,250	\$ 1,706,250	\$ 1,706,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,546,739
State Funding	\$ 3,900,000	\$ 4,500,000	\$ 7,500,000	\$ 7,500,000	\$ 10,740,000	\$ -	\$ 3,500,000	\$ -	\$ -	\$ 4,500,000	\$ -	\$ 42,140,000
County Funding	\$ 815,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 815,000
Other Municipalities	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 500,000	\$ 500,000	\$ 3,000,000	\$ 3,050,259	\$ -	\$ -	\$ -	\$ 11,050,259
FSSD	\$ 3,458,757	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,458,757
Utility Reimbursements	\$ 664,522	\$ -	\$ 727,205	\$ -	\$ -	\$ 1,013,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,405,427
Private Fundraising	\$ 716,585	\$ 1,309,180	\$ 2,459,375	\$ 459,375	\$ 459,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,403,890
Total	\$ 97,426,440	\$ 23,941,296	\$ 86,741,306	\$ 119,901,611	\$ 31,125,147	\$ 75,738,329	\$ 10,787,279	\$ 26,562,894	\$ 539,479	\$ 5,650,000	\$ 4,000,000	\$ 482,413,781



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Summary

The following shows the difference between what we planned, what we have budgeted, what we have appropriated and what is left.

Proposed vs. Approved CIP Projects

<u>A</u> Total Proposed CIP	\$ 1,071,370,964
<u>B</u> Total Approved CIP (Existing)	\$ 482,413,781
<u>C (A-B)</u> Total Additional Projects for Consideration	<u>\$ 588,957,183</u>

Funding Reconciliation

Approved CIP Projects

<u>D</u> Internal (Local Source - COF)	\$ 414,369,725
<u>E</u> External (Grants, Private, Utility)	\$ 68,044,056
<u>F (D+E)</u> Total Funding	<u>\$ 482,413,781</u>

Proposed CIP Projects

<u>G</u> Internal (Local Source - COF)	\$ 35,303,610
<u>H</u> External (Grants, Private, Utility)	\$ 208,500,187
<u>I (G+H)</u> Total Funding	<u>\$ 243,803,797</u>
<u>A</u> Total All Projects Proposed - FY 2024-2033 CIP (73 Projects)	\$ 1,071,370,964
<u>J (F+I)</u> Total All Available and Proposed Funding	\$ 726,217,578

<u>K (J-A)</u> Funding Surplus/(Deficit)	<u>\$ (345,153,386)</u>
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City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

HISTORIC
FRANKLIN
TENNESSEE

Financial Model Summaries

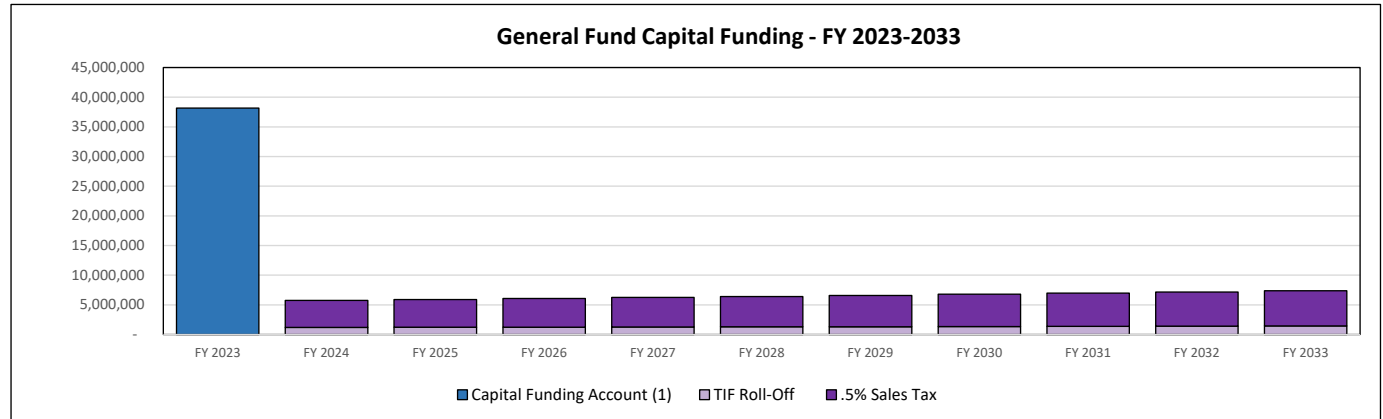


City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	General Fund	Percent of Total CIP Revenues	36.6%
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General Fund: The largest funding source for Capital Projects is the General Fund. The property tax and sales tax contribute to capital resources within the General Fund. Over the last ten-years, the City has dedicated increased recurring resources from the property tax to capital expenditure - in the form of the *Invest Franklin* initiative, 1/2 of the .5% Sales Tax increase (which went to Williamson County Schools until FY 2022) and 1/2 of the money which annually serviced debt on the now finished TIF district.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Capital Funding Account ⁽¹⁾	38,163,083	-	-	-	-	-	-	-	-	-	-	38,163,083
TIF Roll-Off	-	1,200,000	1,224,000	1,248,480	1,273,450	1,298,919	1,324,897	1,351,395	1,378,423	1,405,991	1,434,111	13,139,665
.5% Sales Tax	-	4,550,000	4,686,500	4,827,095	4,971,908	5,121,065	5,274,697	5,432,938	5,595,926	5,763,804	5,936,718	52,160,651
Totals	\$ 38,163,083	\$ 5,750,000	\$ 5,910,500	\$ 6,075,575	\$ 6,245,357	\$ 6,419,984	\$ 6,599,594	\$ 6,784,333	\$ 6,974,349	\$ 7,169,795	\$ 7,370,829	\$ 103,463,399

Assumptions

(1) Balance of Capital Funding Account (that portion of G.F. Reserves over 45% of fund balance) varies annually.



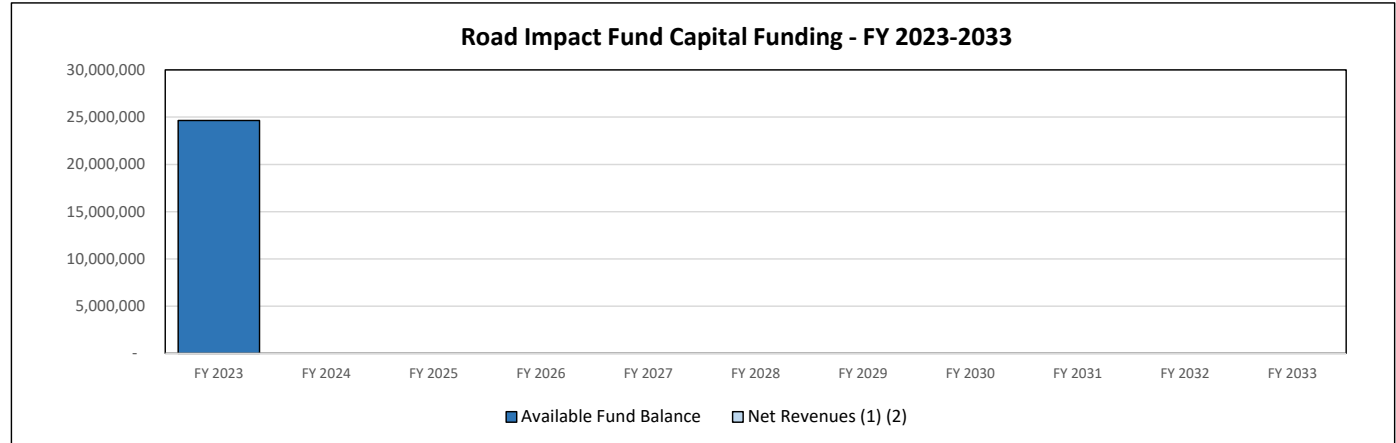
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	Road Impact	Percent of All Revenues	7.9%
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Road Impact Fund: The Road Impact Fund is the special revenue fund created for the accounting of expenditures in accord with City Ordinance 88-13 on the proceeds of road impact fees from new development. These funds can be used to pay for new arterial roads, directly or through payment of debt service on bonds associated with the projects.

During the FY 2024-2033 CIP horizon, the debt service obligation assigned the Road Impact Fund is over \$25 million. (Bonds are set to be retired in 2023 in this fund). Assuming the current balance is maintained as a sinking fund and reasonable collections remain to come into the fund, this obligation should be able to be met. But few - if any - new obligations should be planned at this time beyond 2024. No change in the fees are assumed in this projection.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	10-year
Available Fund Balance	24,653,640	-	-	-	-	-	-	-	-	-	-	24,653,640
Arterial (1)	11,901,404											11,901,404
Collector Area 1 (1)	3,429,992											3,429,992
Collector Area 2 (1)	7,908,528											7,908,528
Collector Area 3 (1)	320,779											320,779
Collector Area 4 (1)	332,979											332,979
Misc./Interest Income/Transfers	759,958											759,958
Less one month reserve (1)	(2,465,364)											(2,465,364)
Net Revenues (1) (2)	-	-	-	-	-	-	-	-	-	-	-	-
Totals	\$ 22,188,276	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,188,276

(1) Available Capital Funding is annual anticipated collections less one-month reserve for State cash/fund balance requirements.

(2) Net Revenues less Debt Service and possible offsets.

(3) Assumes average of \$4,500,000 collected annually from FY 2024-FY 2033.

-



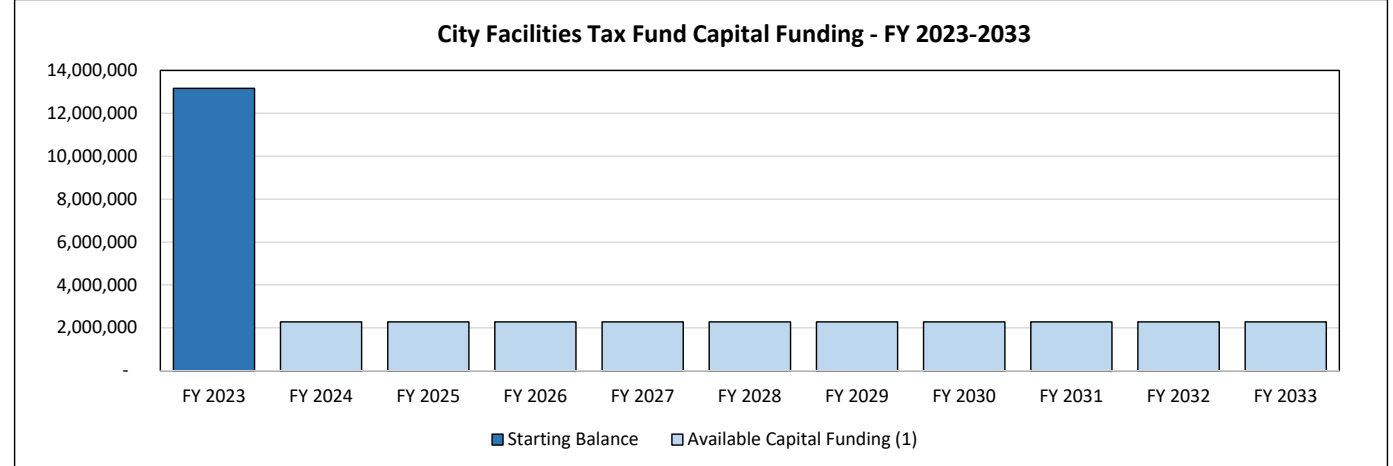
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	City Facilities Tax Fund	Percent of All Revenues	12.7%
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Facilities Tax Fund: A special revenue fund used to account for the proceeds authorized by a private act of the Tennessee General Assembly of 1987 for the City to levy and collect a privilege tax on new development to provide that new development contribute its fair share of providing new public facilities made necessary by growth. Such taxes may be expended only upon police, fire, sanitation, and parks and recreation.

With Fire Station 7 complete, ample resources are available to spend from the Facilities Tax on eligible capital projects during the 10-year CIP horizon.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	10-Year
Starting Balance	13,162,511	-	-	-	-	-	-	-	-	-	-	13,162,511
Available Capital Funding (1)	-	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	2,275,000	22,750,000
Totals	\$ 13,162,511	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 2,275,000	\$ 35,912,511

(1) Available Capital Funding is annual anticipated collections less one-month reserve for State cash/fund balance requirements.



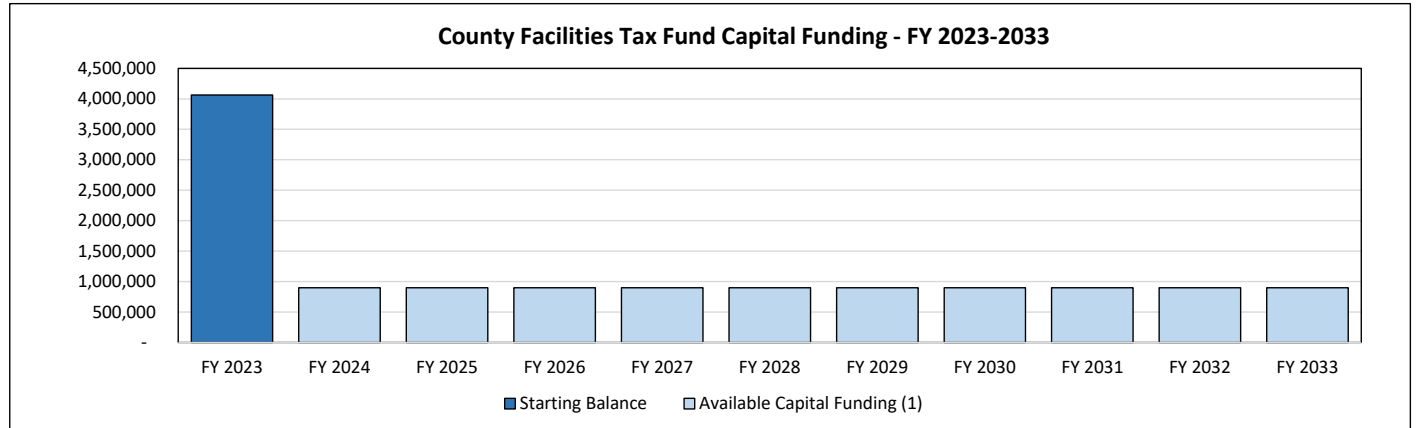
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	County Facilities Tax Fund	Percent of All Revenues	4.6%
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Facilities Tax Fund: The County Facilities Tax Fund is a new special revenue fund used to account for the City's share of the County's Adequate School Facilities Tax. 30% of the proceeds are distributed to incorporated cities within the county, and another 30% is divided pro rata among the incorporated cities based on population in the last decennial census. The City began collecting a share of the County Facilities Tax in FY 2012.

Prior to FY 2017, monies collected had been deposited within the Capital Projects Fund. Funds are to be used for the purpose of providing public facilities.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	10-Year
Starting Balance	4,062,376	-	-	-	-	-	-	-	-	-	-	4,062,376
Available Capital Funding (1)	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Totals	\$ 4,062,376	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 13,062,376

(1) Available Capital Funding is annual anticipated collections less one-month reserve for State cash/fund balance requirements.



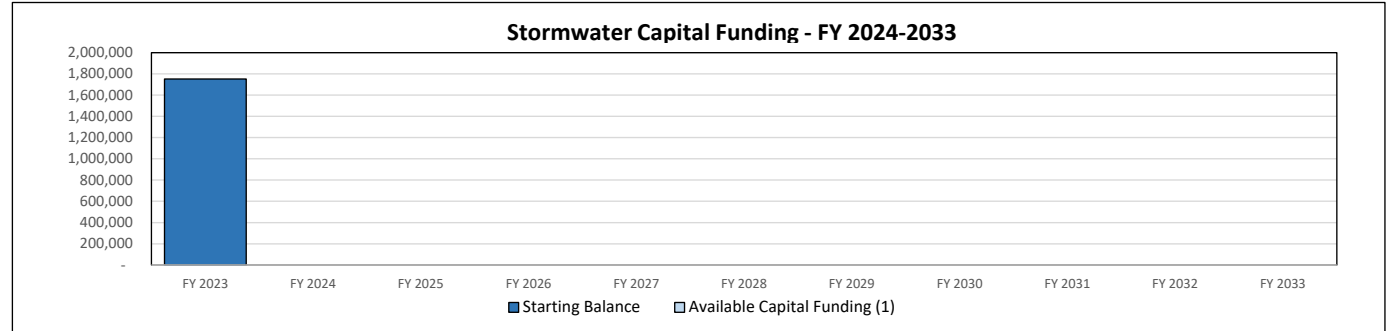
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	Stormwater	Percent of Total CIP Revenues	0.6%
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Stormwater Fund: A special revenue fund used to account for the City's Stormwater drainage projects and operations that prevent water issues. Revenues are primarily from charges to residential and commercial customers based on roofs and paved areas.

This is another fund dependent upon development. Should development increase faster than projected, or fees are increased, more money maybe come available for capital needs/requests. As it is, little annual surplus is forecast after operational concerns are met.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Starting Balance	1,752,542	-	-	-	-	-	-	-	-	-	-	1,752,542
Available Capital Funding (1)	-	-	-	-	-	-	-	-	-	-	-	-
Totals	\$ 1,752,542	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,752,542

Assumptions

(1) Available Capital Funding is annual anticipated collections less two-month reserve for State cash/fund balance requirements, allowance for operations AND \$500,000 set aside for emergencies.



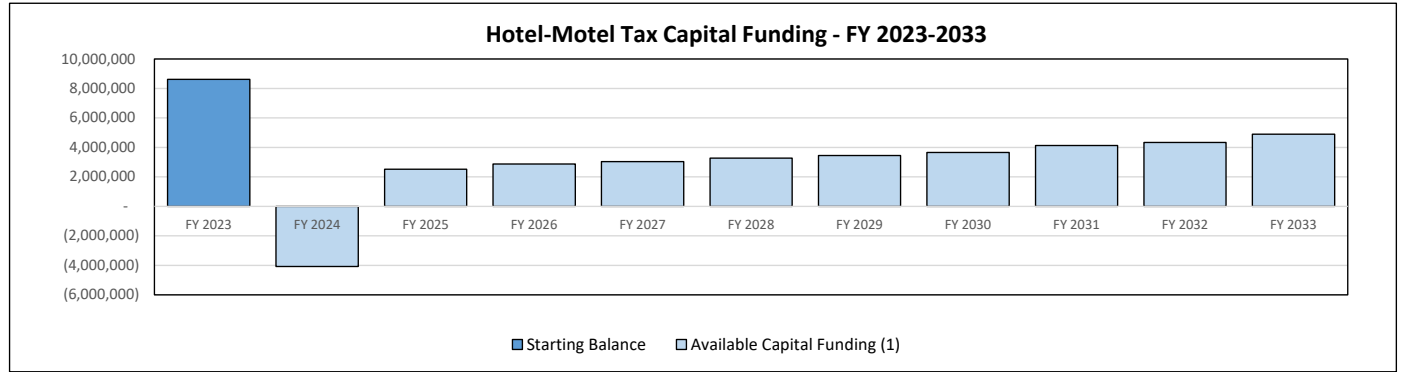
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	Hotel Motel Tax	Percent of Total CIP Revenues	13.0%
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Hotel Motel Tax: The Hotel/Motel Tax has been used in the past for those types of infrastructure projects which promote recreation and tourism. Specifically, these monies have been used for servicing debt related to the acquisition of the Carter's Hill Battlefield, Eastern Flank Battlefield and the Park at Harlinsdale Farm.

Future growth assumes continued growth from hotel & short-term rental stays annually, less all known costs (existing debt service and the City's contribution to the Williamson County Convention & Visitors Bureau). Debt significantly drops in FY 2033.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Starting Balance	8,622,983	-	-	-	-	-	-	-	-	-	-	8,622,983
Available Capital Funding (1)	-	(4,070,884)	2,526,655	2,875,097	3,034,035	3,279,466	3,457,662	3,655,607	4,130,681	4,334,640	4,901,819	28,124,777
Totals	\$ 8,622,983	\$ (4,070,884)	\$ 2,526,655	\$ 2,875,097	\$ 3,034,035	\$ 3,279,466	\$ 3,457,662	\$ 3,655,607	\$ 4,130,681	\$ 4,334,640	\$ 4,901,819	\$ 40,051,917

Assumptions

(1) Available Capital Funding is annual anticipated collections less one-month reserve for State cash/fund balance requirements and allowance for operations.



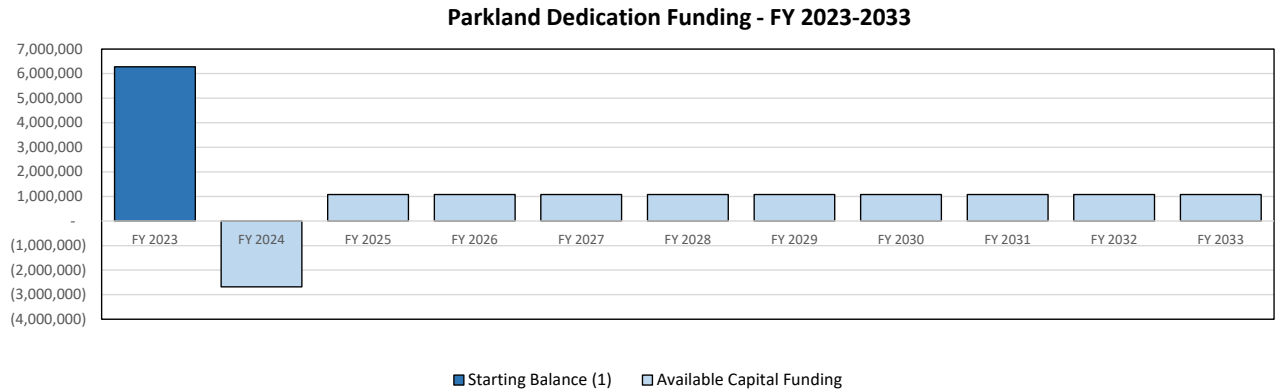
City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Fund:	Parkland Dedication	Percent of Total CIP Revenues	4.7%
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In Lieu of Parkland Fund: The In Lieu of Parkland Fund was created in FY 2015 for the purpose of satisfying requirements of Section 5.5.4 of the City of Franklin Zoning Ordinance for developers seeking alternatives to the development of green space within developments. Funds can be used only for the acquisition or development of public parks, greenways/blue ways, open space sites, and related facilities.

The important issue of concern with these funds is the nexus issue: funds can only be spent in the quadrant of the community in which they are collected. Although funds are likely to be generated annually in excess of a million dollars, they cannot be spent City-wide. This limits how much can be spent on a particular project.



	Actual	Projections										Totals
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Starting Balance (1)	6,281,730	(2,681,143)	-	-	-	-	-	-	-	-	-	3,600,587
Quadrant 1 (2)	5,054,257	(827,137)										4,227,120
Quadrant 2 (2)	1,950,788	(1,854,006)										96,782
Quadrant 3 (2)	473,540											473,540
Quadrant 4 (2)	473,106											473,106
Misc./Interest Income/Transfers	(971,991)											(971,991)
Less one month reserve (1)	(697,970)											(697,970)
Available Capital Funding	-	-	1,076,657	1,076,657	1,076,657	1,076,657	1,076,657	1,076,657	1,076,657	1,076,658	1,076,659	9,689,916
Totals	\$ 6,281,730	\$ (2,681,143)	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,657	\$ 1,076,658	\$ 1,076,659	\$ 13,290,503

Assumptions

- (1) Available Capital Funding is annual anticipated collections less one-month reserve for State cash/fund balance requirements.
- (2) Available balances in quadrants at end of FY 2024 inclusive of monies collected less those transferred to Capital Project Fund for various projects.



City of Franklin

FY 2022-2031 Capital Improvement Program Financing Model

Detailed Project Sheets



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Category

Completed

<u>Project</u>		<u>Total Cost</u>
Franklin Road	\$	14,499,509
Major Road Resurfacing	\$	8,425,000
Fire Station 7	\$	8,160,909
FSSD (Freedom Middle/Poplar Grove)	\$	6,605,349
SR96W Trail	\$	5,890,103
Sanitation Facility	\$	3,422,366
100 Block Battle Avenue Drainage	\$	1,516,643
McEwen Drive Interchange Modifications	\$	807,792
Maplewood Stormwater Project	\$	469,114
5th Avenue Parking Lot	\$	211,946
Eastern Flank Circle (Loop Road) Repair	\$	191,503
Total Spent - Completed Projects	\$	50,200,234



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

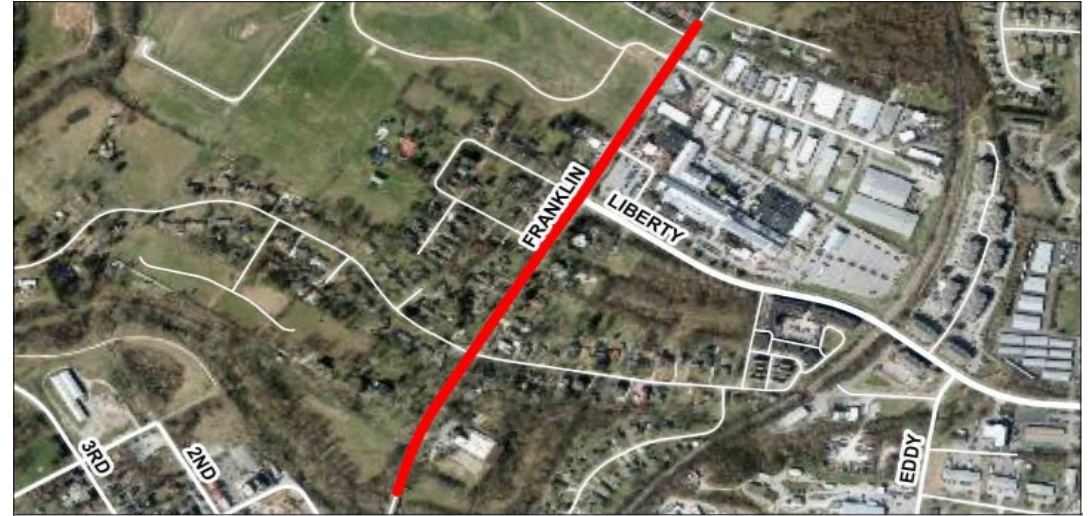
Project #: ST16009

Franklin Road Improvements & Streetscape

Board Priority: ☆☆☆☆

CIP: FY 2017-2026

Improvement of Franklin Road, from the bridge at the Harpeth River to Hooper Lane. The project shall be constructed as a three (3) facility. Project shall include: curb & gutter, street lights, ITS Infrastructure, sidewalks, and typical streetscape elements. Approximate project length of 3,500 LF.



Expenditure Summary

Original Project Cost Estimate	\$	18,178,952
Current Project Cost Estimate	\$	15,000,000
Dollars Spent as of July 2023	\$	14,499,509

Project Status

Current Phase **Completed**

Financing Summary

	Actual	Projected										Total Available	
Franklin Road	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Internal													
General - Cash	\$ 317,061	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 317,061	
General - Bond Proceeds	\$ 11,780,825	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,780,825	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Funding	\$ 1,065,081	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,065,081	
Sewer Funding	\$ 788,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 788,045	
External													
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Utility Reimbursements	\$ 548,497	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 548,497	
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 14,499,509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,499,509	

Final Cost: \$ 14,499,509

Remaining Funding Needed: \$ -



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16009

Major Road Resurfacing/Paving

Board Priority:

☆☆☆☆

CIP:

FY 2017-2026

The resurfacing (e.g. paving) of major roadways within the City are proposed to be included in the Capital Investment Plan (CIP) as follows:

2017 - Cool Springs Blvd, from Mack Hatcher Pkwy to East McEwen Dr.

2019 - Royal Oaks Blvd/Mallory Ln, from Mack Hatcher Pkwy to Cool Springs Blvd.

2021 - Mallory Ln, from Cool Springs Blvd to Moores Ln.

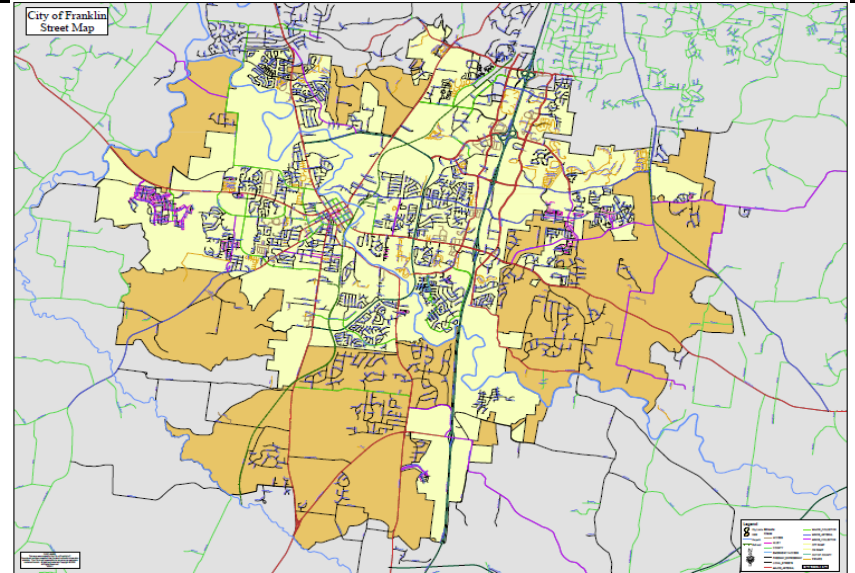
Expenditure Summary

Original Project Cost Estimate	\$	8,425,000
Current Project Cost Estimate	\$	8,425,000
Dollars Spent as of August 2021	\$	8,425,000

Project Status

Current Phase

Completed



Financing Summary

	Actual	Projected										Total Available
Major Road Resurfacing	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ 8,425,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,425,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 8,425,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,425,000

Final Cost: \$ 8,425,000

Remaining Funding Needed: \$ -



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: FD16001

Fire Station 7

Board Priority: ☆☆☆☆☆

CIP: FY 2017-2026

New Fire Station at the Williamson
County AG Complex



Expenditure Summary

Original Project Cost Estimate	\$	7,062,500
Final Cost	\$	8,160,909
Dollars Spent as of December 2023	\$	8,160,909

Project Status

Current Phase **Completed**

Financing Summary

	Actual	Projected										Total Available
Fire Station 7	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ 7,345,909	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,345,909
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County	\$ 815,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 815,000
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 8,160,909	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,160,909



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK19001

FSSD (Freedom Middle/Poplar Grove)

Board Priority:

CIP:

FY 2017-2026

In 2017, the Board of Mayor and Alderman and the Franklin Special School District Board approved a concept master plan. The first phase will be a major renovation project to the existing baseball field, softball field, adding a batting cage to be shared by both boys and girls along with a concession stand/restroom facility that is much needed for the property. A Memorandum of Understanding for each phase will be completed to divide cost and maintenance/shared use responsibilities for each party. Located in Parkland Dedication Quadrant 4.



Expenditure Summary

Original Project Cost Estimate	\$	5,150,000
Current Project Cost Estimate	\$	7,051,300
Dollars Spent as of July 2023	\$	6,605,349

Project Status

Current Phase

Completed

Financing Summary

	Actual	Projected										Total Available
FSSD (Freedom Middle/Poplar Grove)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ (1,740,908)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,740,908)
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
Hotel Motel	\$ 1,787,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,787,500
Parkland Dedication (Q4)	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FSSD	\$ 3,458,757	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,458,757
Total												
	\$ 6,605,349	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,605,349

Final Cost \$ 6,605,349
Remaining Funding Needed: \$ (0)



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16020

SR96W Multiuse Trail (Vera Valley Dr-5th Ave N)

Board Priority:

CIP: FY 2017-2026

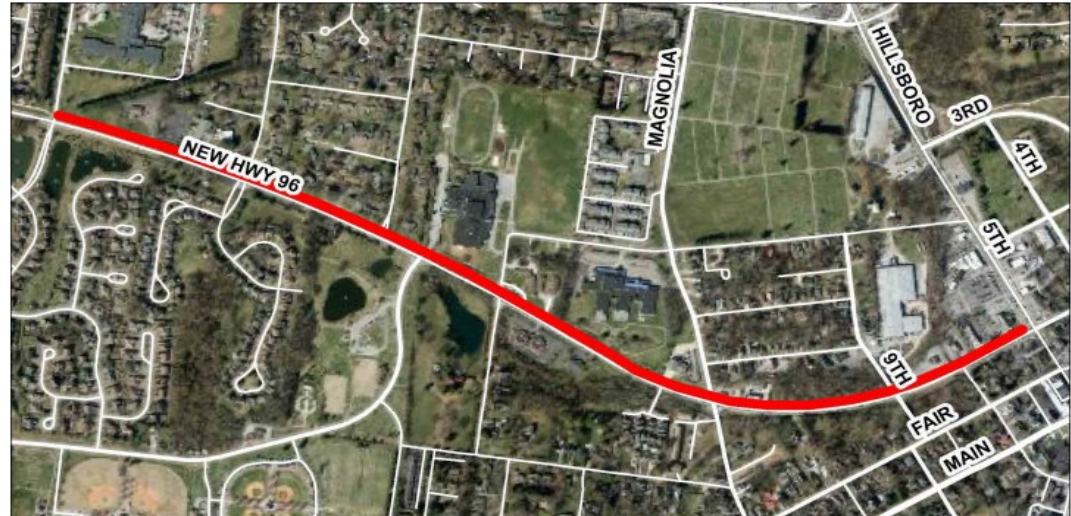
Extend ten (10) foot multi-use trail from Vera Valley Drive to 9th Avenue in Downtown Franklin. Approximate project length is 5,800 LF.

Expenditure Summary

Original Project Cost Estimate	\$	5,300,000
Final Cost	\$	5,890,103
Dollars Spent as of July 2023	\$	5,890,103

Project Status

Current Phase **Completed**



Financing Summary

	Actual	Projected										Total Available
SR96W Trail	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ (1,579,572)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,579,572)
General - Bond Proceeds	\$ 3,212,058	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,212,058
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ 591,592	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 591,592
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000
Utility Reimbursements	\$ 116,025	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116,025
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 5,890,103	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,890,103



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: FM19003

Sanitation Facility Improvements

Board Priority:

CIP: FY 2019-2028

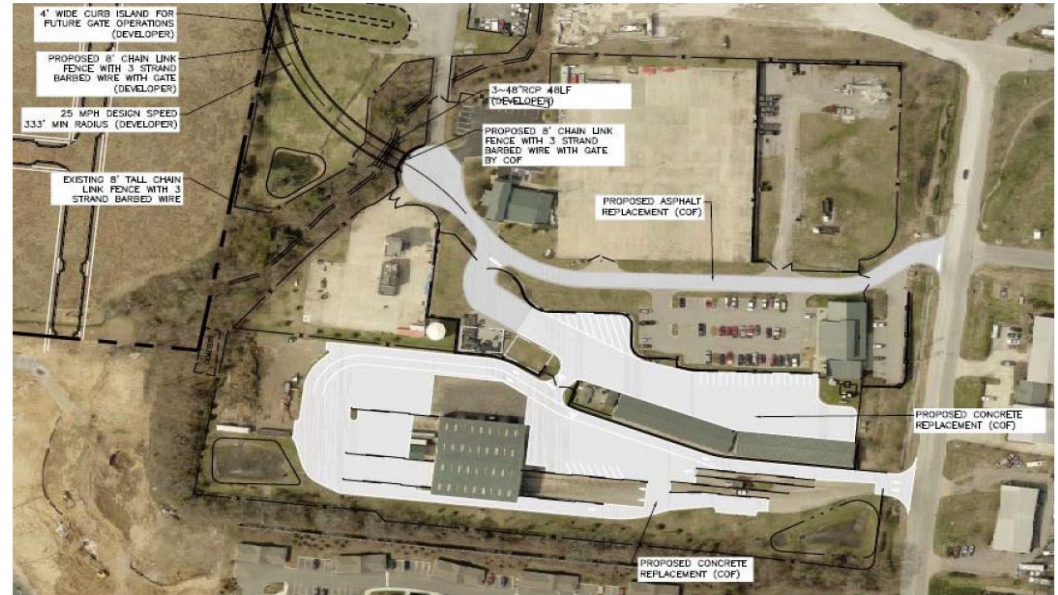
The pavement at the Municipal Services Complex continues to fail and needs full depth pavement restoration. In addition, we need to make some modifications to the drainage system of the transfer station.

Expenditure Summary

Original Project Cost Estimate	\$	3,150,000
Current Project Cost Estimate	\$	3,422,366
Dollars Spent as of August 2021	\$	3,422,366

Project Status

Current Phase **Completed**



Financing Summary

	Actual	Projected										Total Available
Sanitation Facility	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ 3,422,366	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,422,366
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,422,366	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,422,366



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: SW16003

100 Block Battle Avenue Drainage Improvements

Board Priority:

CIP: FY 2019-2028

This project includes the construction of a regional detention pond located between 107 Battle Avenue and 101 Fairground Street. This project will include a design for a 100-year storm event and a new stormwater pump station.



Expenditure Summary

Original Project Cost Estimate	\$	2,500,000
Current Project Cost Estimate	\$	1,850,000
Dollars Spent as of August 2021	\$	1,516,643

Project Status

Current Phase **Completed**

Financing Summary

	Actual	Projected										Total Available
100 Block Battle Avenue Drainage	thru 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ 1,516,643	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,516,643
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,516,643	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,516,643



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST19004

McEwen Drive Interchange Modifications

Board Priority:

CIP: FY 2019-2028

Add an additional turn west to southbound turn lane to improve the capacity of the McEwen Interchange.

Expenditure Summary

Original Project Cost Estimate	\$	1,000,000
Current Project Cost Estimate	\$	1,002,749
Dollars Spent as of July 2023	\$	807,792

Project Status

Current Phase **Completed**



Financing Summary

	Actual	Projected										Total Available
McEwen Drive Interchange Modificia	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ (192,208)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (192,208)
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (Art.)	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 807,792	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 807,792



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: SW16007

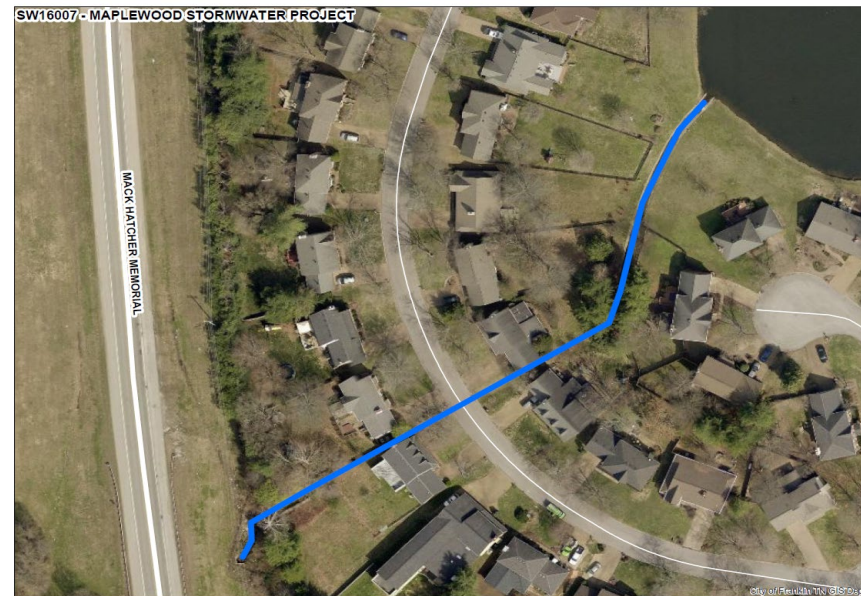
Maplewood Stormwater Project

Board Priority:

CIP:

Replace failing 72" CMP within the Maplewood Subdivision.

SW16007 - MAPLEWOOD STORMWATER PROJECT



Expenditure Summary

Original Project Cost Estimate	\$	530,000
Current Project Cost Estimate	\$	469,114
Dollars Spent as of July 2023	\$	469,114

Project Status

Current Phase

Completed

Financing Summary

	Actual	Projected										Total Available
Maplewood Stormwater Project	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 469,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 469,114
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 469,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 469,114



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: FM19001

5th Avenue Parking Lot

Board Priority:

CIP:

This project includes the construction of a regional detention pond located between 107 Battle Avenue and 101 Fairground Street. This project will include a design for a 100-year storm event and a new stormwater pump station.



Expenditure Summary

Original Project Cost Estimate	\$	500,000
Final Cost	\$	211,946
Dollars Spent as of July 2023	\$	211,946

Project Status

Current Phase

Completed

Financing Summary

	Actual	Projected										Total Available
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
5th Avenue Parking Lot												
Internal												
General - Cash	\$ (38,054)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (38,054)
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 211,946	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,946



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16018

Eastern Flank Circle (Loop Road) Repair

Board Priority:

CIP: FY 2019-2028

Cover existing DBST with West TN Mix.



Expenditure Summary

Original Project Cost Estimate	\$	175,000
Current Project Cost Estimate	\$	192,000
Dollars Spent as of July 2023	\$	191,503

Project Status

Current Phase **Completed**

Financing Summary

	Actual	Projected										Total Available	
Eastern Flank Circle (Loop Road) Rep	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Internal													
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ 191,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
External													
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 191,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 191,503	



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Category

Under Construction

<u>Project</u>		<u>Total Cost</u>
Bicentennial Park	\$	11,715,112
USACE - Home Raising Project	\$	11,610,367
Greenway & Bridge	\$	4,481,388
Bundled Bridges Construction & Rehabilitation Contract	\$	3,863,035
Hayes Home Restoration (Harlinsdale)	\$	1,672,350
Thompson Alley Neighborhood Park	\$	504,995
Total Budgeted - Under Construction Projects	\$	33,847,247



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16020

Bicentennial Park

Board Priority:

CIP:

FY 2019-2028

The Bicentennial Park Improvements project is located in the City of Franklin between 3rd Avenue North, North Margin Street, and the Harpeth River. It consists of approximately 10 acres. The project includes the construction of an open-air pavilion, development of the park, restroom facilities, and general upgrades to establish a new event space for the City. The intent and purpose of this park is to serve multiple uses by the City of Franklin Parks Department, including as an event venue for community performances or movies in the park. Located in Parkland Dedication Quadrant 4.

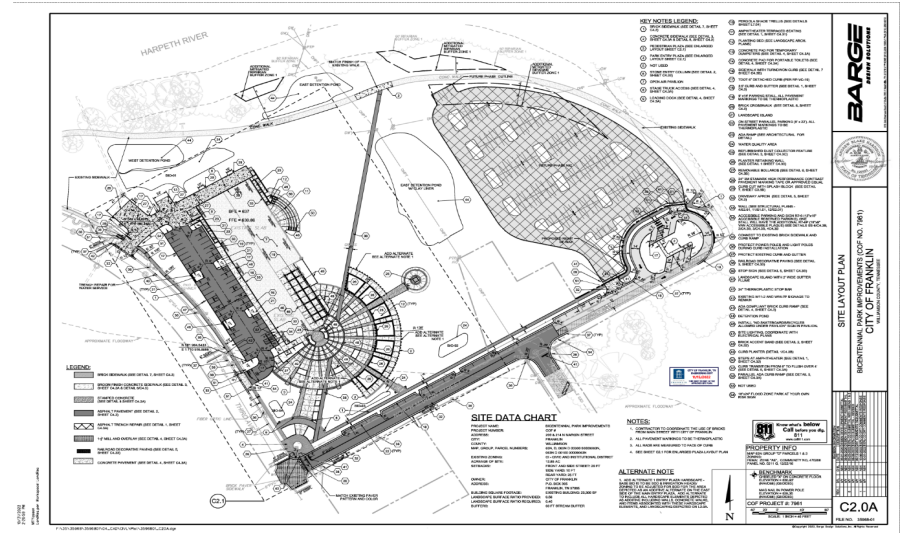
Expenditure Summary

Original Project Cost Estimate	\$	4,220,000
Current Project Cost Estimate	\$	11,715,112
Dollars Spent as of July 2023	\$	715,112

Project Status

Current Phase

Under Construction



Financing Summary

	Actual	Projected										Total Available
	Thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Bicentennial Park												
Internal												
General - Cash	\$ -	\$ 3,067,095	\$ 1,019,939	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,087,034
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ 2,000,000	\$ 1,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication (#4)	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ 128,078	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128,078
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,628,078	\$ 4,067,095	\$ 4,019,939	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,715,112



FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16013

Greenway & Bridge (Harlinsdale to Chestnut Bend)

Board Priority:

CIP: FY 2019-2028

This trail segment connects large sections of existing trails located in the Chestnut Bend HOA through open space along the Harpeth to The park at Harlinsdale Farms. A bridge to connect the internal trails at the Park at Harlinsdale to the existing Chestnut Bend trails.

Expenditure Summary

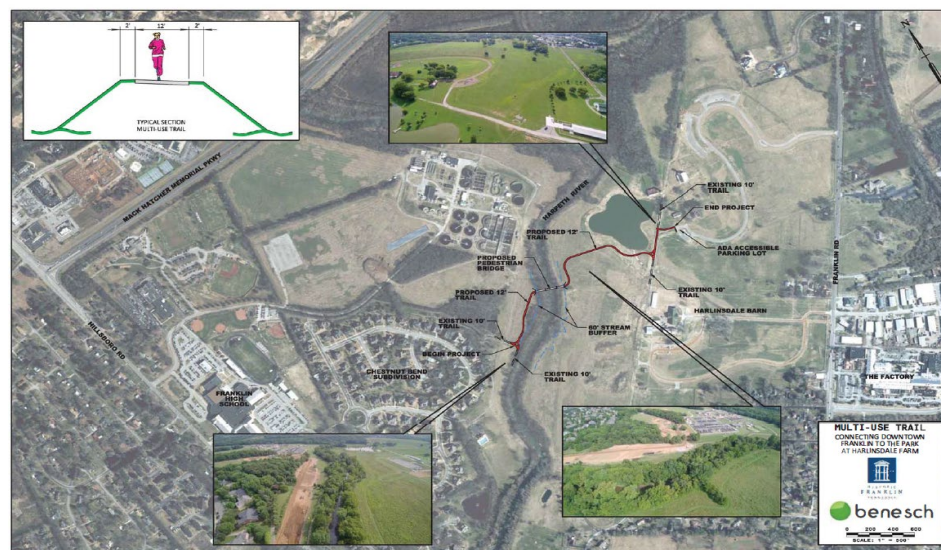
Original Project Cost Estimate	\$	3,032,960
Current Project Cost Estimate	\$	4,481,388
Dollars Spent as of July 2023	\$	2,030,815

Project Status

Current Phase

Under Construction

Park16013 – Greenway & Bridge (Harlinsdale to Chestnut Bend)



Financing Summary

[illegible]



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: SW16003

USACE - Home Raising Project

Board Priority:

CIP: FY 2019-2028

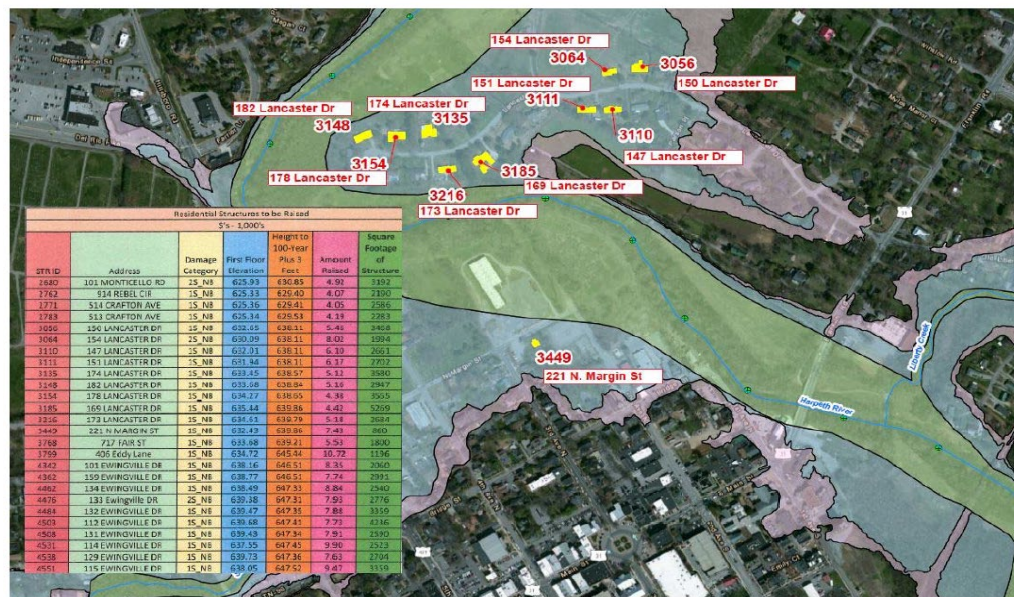
Voluntary Program for 35 home raising as identified by the USACE. The project is 65% funded by the USACE and 35% funded by either the City or the Homeowner.

Expenditure Summary

Original Project Cost Estimate	\$	4,000,000
Current Project Cost Estimate	\$	11,610,367
Dollars Spent as of July 2023	\$	1,110,368

Project Status

Current Phase **Under Construction**



Financing Summary

	Actual	Projected										Total Available	
USACE - Home Raising Project	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Internal													
General - Cash	\$ 700,000	\$ 332,953	\$ 332,953	\$ 332,954	\$ 332,954	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,031,814	
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
External													
Federal Funding	\$ 721,739	\$ 1,706,250	\$ 1,706,250	\$ 1,706,250	\$ 1,706,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,546,739	
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Private Fundraising	\$ 194,314	\$ 459,375	\$ 459,375	\$ 459,375	\$ 459,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,031,814	
Total	\$ 1,616,053	\$ 2,498,578	\$ 2,498,578	\$ 2,498,579	\$ 2,498,579	\$ -	\$ -	\$ -	\$ -			\$ 11,610,367	



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16005B

Bundled Bridges Construction & Rehabilitation Contract

Board Priority:

CIP:

This project includes repairs, widening, and/or replacement of 5 (five) separate bridges across the City: 1) West Main Street (SR-246) Bridge Widening, 2) Pratt Lane Bridge Demolition and Reconstruction, 3) Spencer Creek Road Pipe Removal and Box Culvert Construction, 4) Bakers Bridge Avenue Repairs and 5) Mallory Lane Bridge Repairs.

Expenditure Summary

Original Project Cost Estimate	\$	2,700,000
Current Project Cost Estimate	\$	3,863,035
Dollars Spent as of July 2023	\$	395,639

Project Status

Current Phase

Under Construction

Financing Summary

	Actual	Projected										Total Available
Bundled Bridges Construction & Reh	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 278,874	\$ 3,584,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,863,035
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (SA2)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 278,874	\$ 3,584,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,863,035



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16001

Hayes Home Restoration (Harlinsdale)

Board Priority:

CIP:

Restoration started on the exterior of the home in 2012 through receiving grants and utilizing funding from the Hotel/Motel fund for the stabilization of the foundation and specific features which included the porches, foundation, chimney, and gutter systems. The City of Franklin is partnering with the Friends of Franklin group to renovate the Hayes House located at the Park at Harlinsdale Farm. The house will be used for educational purposes (history of the farm), to host special events, and as offices to support The Park at Harlinsdale Farm.

Expenditure Summary

Original Project Cost Estimate	\$	482,870
Current Project Cost Estimate	\$	1,672,350
Dollars Spent as of July 2023	\$	222,271

Project Status

Current Phase **Under Construction**



Financing Summary

	Actual	Projected										Total Available
Hayes Home Restoration (Harlinsdale)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ 100,274	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,274
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ 222,271	\$ 849,805	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,572,076
Total	\$ 222,271	\$ 950,079	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,672,350



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK19010

Thompson Alley Neighborhood Park

Board Priority:

CIP: FY 2019-2028

Obtained post-flood 2010, the Parks Department maintains the vacant land on a weekly mowing basis. The Parks Master Plan identified the need in the study to identify and construct more neighborhood parks. Due to being a FEMA property, the Parks Department identified the existing seven FEMA properties as potential neighborhood parks. The purpose of this project is to create a small, neighborhood park on a small, city-owned property on Thompson Alley. The park will include amenities such as: a pergola-covered picnic area, outdoor foosball table, outdoor ping-pong table, outdoor chess table, and a grill.

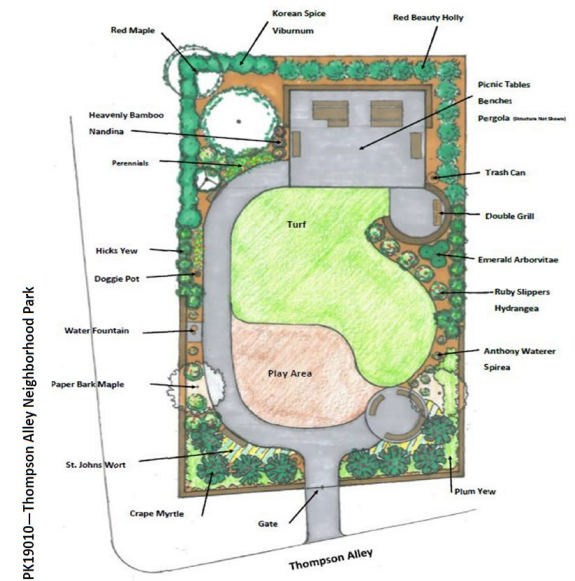
Located in Parkland Dedication Quadrant 3.

Expenditure Summary

Original Project Cost Estimate	\$	220,000
Current Project Cost Estimate	\$	504,995
Dollars Spent as of July 2023	\$	5,000

Project Status

Current Phase **Under Construction**



Financing Summary

	Actual	Projected										Total	
Thompson Alley Neighborhood Park	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Available	
Internal													
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland Dedication (Q3)	\$ 220,000	\$ 284,995	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 504,995	
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
External													
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 220,000	\$ 284,995	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 504,995	



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Category

Right-of-Way/Acquisition/Bidding

<u>Project</u>		<u>Total Cost</u>
Southeast Municipal Complex - Ph.1	\$	48,198,382
East McEwen Drive - Phase 4	\$	47,000,706
Lockwood Glen Park	\$	14,287,873
Lewisburg Sidewalk - to Collins Farm	\$	4,156,145
Jordan Road	\$	3,541,764
Total Budgeted - Right-of-Way/Acquisition/Bidding Projects	\$	117,184,870



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16014

Southeast Municipal Complex Phase I

Board Priority:

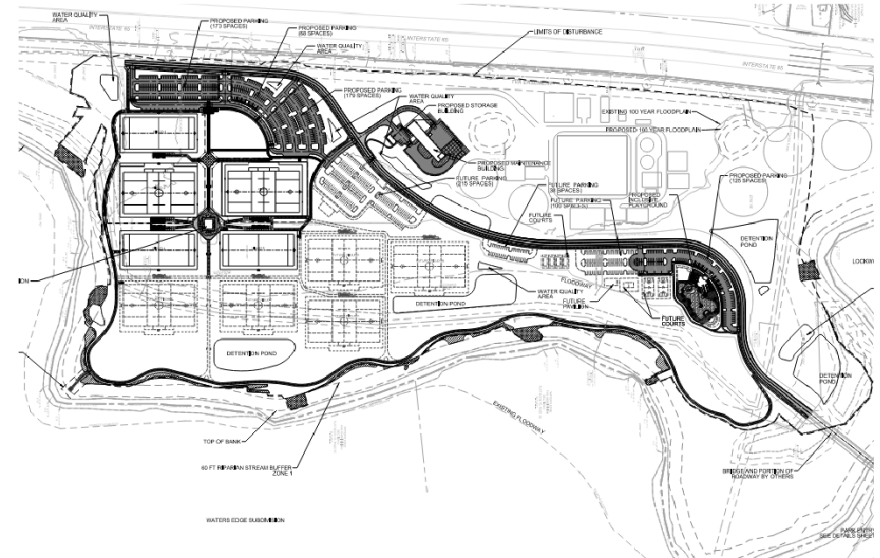
CIP:

FY 2019-2028

This new park would be built on the City-owned parcel 180 acres in size located between I-65 and the Harpeth River just south of Robinson Lake. The parcel is planned to be used as the site of a future City wastewater treatment plant. The park master plan has been adopted by the Board of Mayor and Aldermen.

Located in Parkland Dedication Quadrant 2.

PK16014 - Southeast Park 2023



Expenditure Summary

Original Project Cost Estimate	\$	31,200,000
Current Project Cost Estimate	\$	48,198,382
Dollars Spent as of July 2023	\$	12,048,382

Project Status

Current Phase - Bridge

Construction

Current Phase - Main Park

ROW/Bidding

Financing Summary

	Actual	Projected										Total Available
Southeast Municipal Complex - Ph.1	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
General - Bond Proceeds	\$ 9,464,436	\$ -	\$ 20,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,464,436
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ 881,642	\$ 2,500,000	\$ 9,494,417	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,876,059
Hotel Motel	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Parkland Dedication (Q2+Misc.)	\$ 418,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 418,358
Water Funding	\$ 1,015,794	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,015,794
Sewer Funding	\$ 423,735	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 423,735
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Total	\$ 12,203,965	\$ 3,000,000	\$ 32,994,417	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,198,382



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16007

East McEwen Drive - Phase 4

Board Priority:

CIP: FY 2017-2026

Improvement of East McEwen Drive, from 800 feet east of the roundabout at Cool Springs Boulevard/Oxford Glen Drive to Wilson Pike (SR-252). The project shall be constructed as a four (4) lane, median divided facility with turn lanes as required. Project shall include: access management (as allowable), curb & gutter, street lights, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 8,200 LF.

Expenditure Summary

Original Project Cost Estimate	\$	34,057,000
Current Project Cost Estimate	\$	47,000,706
Dollars Spent as of July 2023	\$	4,750,741

Project Status

Current Phase **ROW/Bidding**



Financing Summary

	Actual	Projected										Total Available
East McEwen Drive - Phase 4	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,257,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,257,856
General - Bond Proceeds	\$ 4,291,838	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,291,838
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ 3,000,000	\$ -	\$ 483,807	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,483,807
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ 333,333	\$ 333,333	\$ 333,334	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
External												
MPO/TDOT	\$ -	\$ 4,500,000	\$ 7,500,000	\$ 7,500,000	\$ 10,740,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,240,000
Utility Reimbursements	\$ -	\$ -	\$ 727,205	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 727,205
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 7,291,838	\$ 4,500,000	\$ 14,044,345	\$ 8,833,333	\$ 12,331,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,000,706



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16016

Lockwood Glen (Robinson Lake) Dam & Park Project

Board Priority:

CIP: **FY 2019-2028**

In 2015, the City entered into a Professional Service Agreement with Edge Planning Landscape Architecture & Urban Design to provide design services for the approximately 80 acre Lockwood Glen Park. Edge will be providing a final master plan for the park as the City of Franklin and Crescent Communities assume responsibility in for the total cost of the master plan. The goal is to develop a working plan that can be considered a passive public park in the near future. Located adjacent to the Carothers's South Parkway. Part of the plan will include programming the 12-acre lake, public parking areas, public restrooms and walking trails around the Harpeth and the property.



Expenditure Summary

Original Project Cost Estimate	\$	5,530,000
Current Project Cost Estimate	\$	14,287,873
Dollars Spent as of July 2023	\$	1,187,873

Project Status

Current Phase **ROW/Bidding**

Financing Summary

	Actual	Projected										Total Available
Lockwood Glen Park	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (Arterial)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ 2,602,300	\$ -	\$ 1,685,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,287,873
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication (Q2)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 2,602,300	\$ -	\$ 11,685,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,287,873



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16030

Lewisburg Ave Sidewalk to Collins Farm

Board Priority:

CIP:

The purpose of this project is to improve pedestrian access within our historic downtown. The project includes sidewalks and trails from Collins Farm to West of Stewart St.

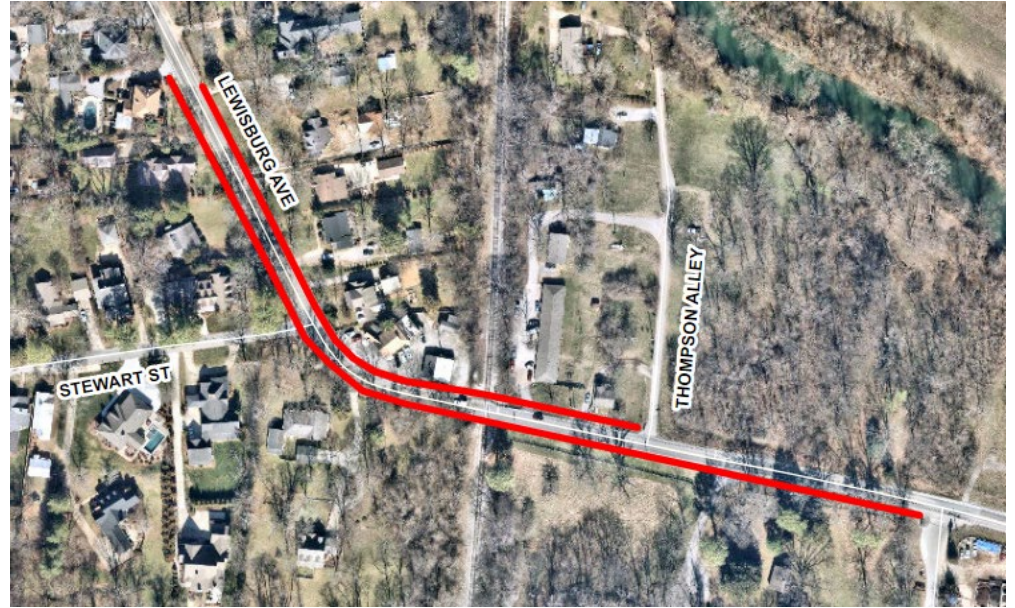
The project will include: roadway construction, utility upgrades/relocations, curb & gutter, and accommodations for pedestrians and bicycles. Approximate project length of 1,379 LF.

Expenditure Summary

Original Project Cost Estimate	\$	1,162,160
Current Project Cost Estimate	\$	4,156,145
Dollars Spent as of July 2023	\$	89,479

Project Status

Current Phase **ROW/Bidding**



Financing Summary

	Actual	Projected										Total Available
Lewisburg Sidewalk	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 426,380	\$ -	\$ 879,765	\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,556,145
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund Arterial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Sewer Funding	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 426,380	\$ -	\$ 879,765	\$ 2,850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,156,145



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST160006

Jordan Road (Aspen Grove Dr-Mallory Ln)

Board Priority:

CIP: FY 2019-2028

Improvement of Jordan Road, from Aspen Grove Road to Mallory Lane. Reconstruction of Jordan Road to City standard two (2) lane facility with turn lanes as required. Project shall include: curb & gutter, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 1,700 LF.



Expenditure Summary

Original Project Cost Estimate	\$	4,670,480
Current Project Cost Estimate	\$	3,541,764
Dollars Spent as of July 2023	\$	429,764

Project Status

Current Phase **ROW/Bidding**

Financing Summary

	Actual	Projected										Total Available
Jordan Road	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (CA1)	\$ 300,000	\$ -	\$ 1,241,764	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,541,764
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 300,000	\$ -	\$ 3,241,764	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,541,764



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Category

Design - Committed

<u>Project</u>		<u>Total Cost</u>
New City Hall	\$	99,690,597
Long Lane & Old Peytonsville	\$	45,735,967
McEwen Phase 5	\$	19,800,687
Liberty Park Improvements	\$	11,672,355
Main Barn Restoration (Harlinsdale)	\$	4,000,004
Total Budgeted - Committed	\$	180,899,610



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: FM16001

New City Hall Plaza

Board Priority:

CIP: FY 2019-2028

New City Hall Plaza. Redevelopment of existing site, including new City Hall, 200 space underground parking, streetscape along 3rd Avenue, limited expansion of retail space along 3rd Avenue and 1 ac. Park at corner of 3rd and Church.



Expenditure Summary

Original Project Cost Estimate	\$	24,500,000
Current Project Cost Estimate	\$	99,690,597
Dollars Spent as of July 2023	\$	740,597

Project Status

Current Phase **Design-Committed**

Financing Summary

	Actual	Projected										Total Available
New City Hall	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 636,010	\$ 1,000,000	\$ 4,000,000	\$ 5,000,000	\$ 4,054,587	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,690,597
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ 85,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 636,010	\$ 1,000,000	\$ 4,000,000	\$ 90,000,000	\$ 4,054,587	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,690,597



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16017

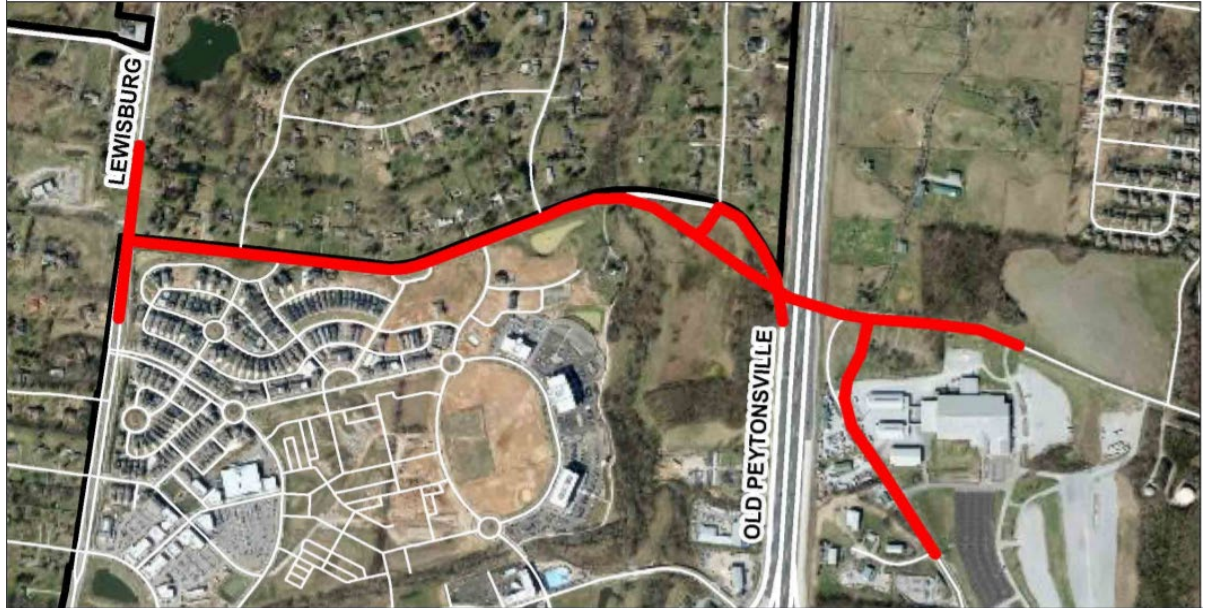
Long Ln and Old Peytonville Rd Connector

Board Priority:

CIP: FY 2019-2028

Included in the update to the Major Thoroughfare Plan are 2 crossings of I-65. This project is one of those crossings as is intended to connect Old Peytonville Road with Long Lane. The main advantage of this crossing is to allow for traffic interconnectivity across I-65 without having to use Goose Creek By-Pass or Highway 96. Limits of construction are from Five Mile Creek Bridge to 500 feet east of Baskin Property. Approximately 2,500 LF.

Project located in Collector Service Area 2.



Expenditure Summary

Original Project Cost Estimate	\$	22,288,800
Current Project Cost Estimate	\$	45,735,967
Dollars Spent as of July 2023	\$	5,202,633

Project Status

Current Phase **Design-Committed**

Financing Summary

	Actual	Projected										Total
Long Lane & Old Peytonsville	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Available
Internal												
General - Cash	\$ 2,500,000	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,967,054	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,967,054
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (Coll.SA 2)	\$ 3,755,213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,755,213
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,013,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,013,700
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 6,255,213	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 34,980,754	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,735,967



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16022

E McEwen Dr. Ext. (Wilson Pike to City Limits)

Board Priority:

CIP: FY 2019-2028

Extension of East McEwen Drive from Wilson Pike (SR-252) to the Franklin/Brentwood City Limits. This project shall be constructed as a two (2) lane facility with earthwork to support a future expansion to a four (4) lane, median divided facility. This project shall include: access management (as possible), curb & gutter, ITS Infrastructure, and accommodations for pedestrians and bicycles.

Expenditure Summary

Original Project Cost Estimate	\$	19,634,800
Current Project Cost Estimate	\$	19,800,687
Dollars Spent as of August 2021	\$	1,120,687

Project Status

Current Phase

Design-Committed



Financing Summary

	Actual	Projected										Total Available
McEwen Phase 5	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 250,000	\$ -	\$ 500,000	\$ 500,000	\$ 750,000	\$ 1,167,249	\$ 1,000,000	\$ 512,635	\$ -	\$ -	\$ -	\$ 4,679,884
General - Bond Proceeds	\$ 570,544	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570,544
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 3,500,000
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 500,000	\$ 500,000	\$ 3,000,000	\$ 3,050,259	\$ -	\$ -	\$ -	\$ 11,050,259
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 820,544	\$ 2,000,000	\$ 2,000,000	\$ 3,000,000	\$ 1,500,000	\$ 1,917,249	\$ 4,500,000	\$ 4,062,894	\$ -	\$ -	\$ -	\$ 19,800,687



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16009

Liberty Park Improvements

Board Priority:

CIP: FY 2019-2028

Liberty Park Improvements: The first phase of Liberty Park was completed in 2003 with the second phase completed in 2008. The proposed project would complete the park by adding two parking areas, tennis courts or pickle ball, basketball courts, a lighted multipurpose field, mountain biking trails and a restroom/pavilion combination facility.

Expenditure Summary

Original Project Cost Estimate	\$	5,400,000
Current Project Cost Estimate	\$	11,672,355
Dollars Spent as of July 2023	\$	322,355

Project Status

Current Phase **Design-Committed**

Financing Summary



	Actual	Projected										Total Available
Liberty Park Improvements	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000
Parkland Dedication (Q1)	\$ 3,750,000	\$ -	\$ 2,000,000	\$ 1,922,355	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,672,355
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,750,000	\$ -	\$ 4,000,000	\$ 3,922,355	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,672,355



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16002

Main Barn Restoration (Harlinsdale)

Board Priority:

CIP:

In 2005, a master plan was completed by Archimania, but was more of an overview of the site. The objective of the updated master plan is to evaluate specific structures and develop concepts that broaden their usefulness. In FY19, the Parks Department has budgeted for a master plan update for architectural services to include the Main Barn. The master plan will identify the history/current use; proposed programming/use, HVAC/Sprinkler (dry system) and existing conditions which will result in concept drawings. The consultant will provide a conceptual opinion of probable cost for the total restoration project.

Expenditure Summary

Original Project Cost Estimate	\$	1,809,070
Current Project Cost Estimate	\$	4,000,004
Dollars Spent as of July 2023	\$	400,004

Project Status

Current Phase

Design-Committed



Financing Summary

	Actual	Projected										Total Available
Main Barn Restoration (Harlinsdale)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ 2,417,870	\$ -	\$ 1,182,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,600,004
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ 2,817,870	\$ -	\$ 1,182,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,004



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Category

Design - Uncommitted

<u>Project</u>		<u>Total Cost</u>
Mallory/N Royal Oaks/Liberty	\$	21,723,895
Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)	\$	20,000,000
Church Street	\$	16,532,450
Peytonsville Rd & Pratt Ln Int. Improvements	\$	14,100,000
Lewisburg Sidewalk - Collins Farm to Carriage Park Drive	\$	5,389,479
Greenway (Aspen Grove to Mack Hatcher)	\$	5,283,353
Greenway (Pinkerton Park to Franklin Road Bridge)	\$	5,250,000
Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	\$	4,800,000
Lewisburg Sidewalk - Carriage Park Drive to Mack Hatcher	\$	4,189,479
Main St Sidewalk Repair Project	\$	3,013,164
Total Budgeted - Uncommitted	\$	100,281,820



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16014

Mallory/N Royal Oaks & Liberty Int. Imp.

Board Priority:

CIP:

This project includes Improvements to Mallory Ln, North Royal Oaks Boulevard and Liberty Pike . This section of roadway is projected to be at a failure level in the next 3-4 years based on the proposed development along Mallory Lane and Carothers Parkway. If this project is not completed, there will be significant delays along these sections of roadway.

The project will include roadway construction, access management (as allowed), utility upgrades/relocations, curb & gutter, bridge construction, and accommodations for pedestrians and bicycles. Approximate project length of 4,652 LF.



Expenditure Summary

Original Project Cost Estimate	\$	15,000,000
Current Project Cost Estimate	\$	21,723,895
Dollars Spent as of July 2023	\$	723,895

Project Status

Current Phase

Design - Uncommitted

Financing Summary

	Actual	Projected										Total Available
Mallory/N Royal Oaks/Liberty	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 323,895	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 323,895
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,000,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax - City	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax - County	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,025,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,025,000
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 798,895	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 18,925,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,723,895



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16001

Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)

Board Priority:

CIP: FY 2019-2028

Carlisle Lane include improvements from Highway 96 West (SR-96) to the future Mack Hatcher improvements. The typical section will include two (2) lanes with turn lanes; bike lanes; sidewalks, curb/gutter and drainage improvements. Approximate project length of 4,830 LF

Project located in Collector Service Area 4

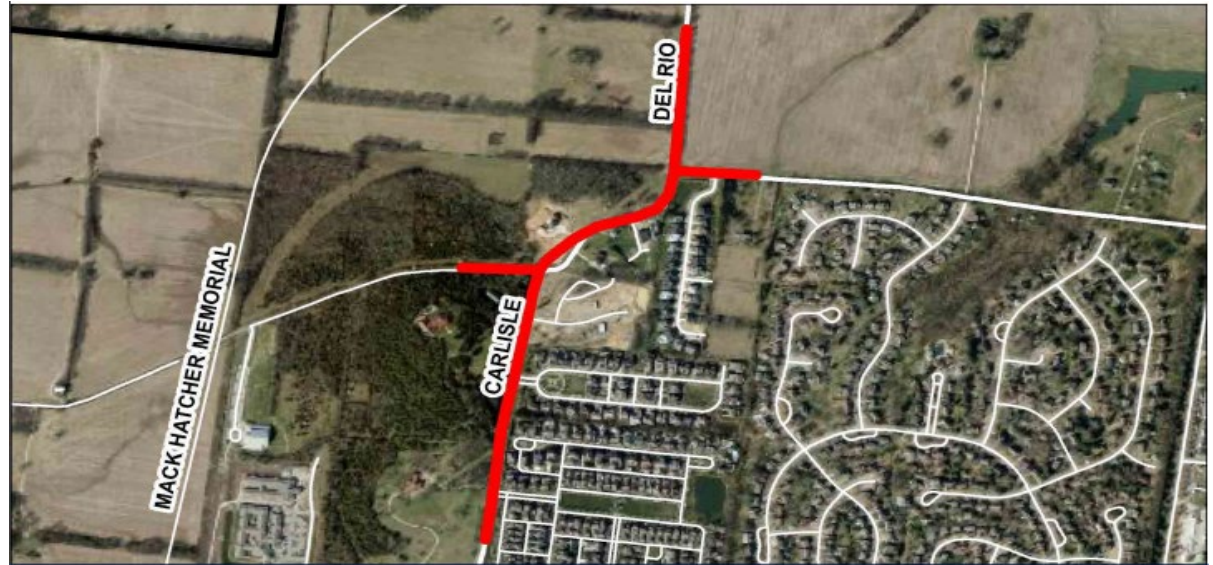
Expenditure Summary

Original Project Cost Estimate	\$	8,490,720
Current Project Cost Estimate	\$	20,000,000
Dollars Spent as of July 2023	\$	-

Project Status

Current Phase

Design - Uncommitted



Financing Summary

	Actual	Projected										Total Available	
Carlisle Ln (SR96W-Future Mack Hatcher)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Internal													
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20,000,000	\$ -	\$ -	\$ -	20,000,000	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund (SA4)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
External													
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20,000,000	\$ -	\$ -	\$ -	20,000,000	



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST19006

Church Street

Board Priority:

CIP:

FY 2019-2028

This project is to upgrade Sanitary Sewer, Water and Stormwater infrastructure in our historic downtown area. We are having issues with all utilities along this corridor and they are in need of upgrades and replacement.

The existing stormwater system needs to be upgraded to provide service to the Parkview area. This area has been a problem since the early 80's with no improvements made. The roadways lack drainage infrastructure. This infrastructure is needed to help protect localized flooding during heavy rain events. This project would also include the install of a water quality feature at the Harpeth River. The goal is to extend infrastructure into the Parkview Area to address localized flooding.



Original Project Cost Estimate	\$	11,231,644
Current Project Cost Estimate	\$	16,532,450
Dollars Spent as of July 2023	\$	390,784

Project Status

Current Phase

Design - Uncommitted

Financing Summary

	Actual	Projected										Total Available
Church Street	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000	\$ 624,535	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,824,535
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund (SA1)	\$ 303,957	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,303,957
Road Impact Fund (SA2)	\$ 303,958	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,303,958
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000
External												
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 607,915	\$ -	\$ -	\$ 600,000	\$ 7,650,000	\$ 7,674,535	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,532,450



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

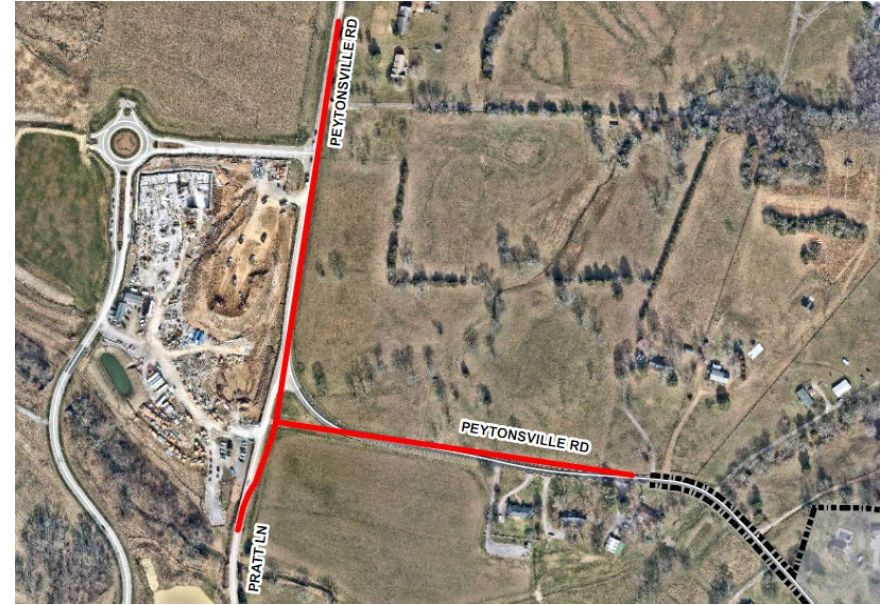
Project #: ST16005A

Peytonsville Rd & Pratt Ln Int. Improvements

Board Priority:

CIP: FY 2019-2028

Reconstruction of the intersection of Peytonsville Road and Pratt lane to a conventional T-intersection. The included section Old Peytonsville Road shall be reconstruction as a four (4) lane, median divided facility, while the included section of Pratt Lane shall be reconstructed as a two (2) lane facility. Both streets shall have turn lanes as required. Project shall include: access management (as allowable), curb & gutter, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 2,300 LF. Project located in Collector Service Area 3.



Expenditure Summary

Original Project Cost Estimate	\$	9,913,416
Current Project Cost Estimate	\$	14,100,000
Dollars Spent as of July 2023	\$	-

Project Status

Current Phase **Design - Uncommitted**

Financing Summary

	Actual	Projected										Total Available	
Peytonsville Rd & Pratt Ln Int. Impro	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Internal													
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	10,000,000	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund (SA2)	\$ -	\$ -	900,000	900,000	900,000	900,000	\$ -	\$ -	\$ -	\$ -	\$ -	3,600,000	
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	500,000	\$ -	\$ -	\$ -	\$ -	\$ -	500,000	
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
External													
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ 900,000	\$ 11,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,100,000	



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16030

Lewisburg Ave Trail Carriage Park Dr. to Mack Hatcher (SR-397)

Board Priority:

CIP:

This project includes the construction of multi purpose trail along the south side of Lewisburg Pike. Staff is working on the design and will try to obtain future federal funding to help move this project forward.

The project will include utility upgrades/relocations, curb & gutter, bridge construction/rehabilitation, and accommodations for pedestrians and bicycles. Approximate project length of 4,266 LF

Expenditure Summary

Original Project Cost Estimate	\$	1,162,160
Current Project Cost Estimate	\$	5,389,479
Dollars Spent as of July 2023	\$	89,479

Project Status

Current Phase

Design - Uncommitted



Financing Summary

	Actual	Projected										Total Available
	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Lewisburg Sidewalk												
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund Arterial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 389,479	\$ 500,000	\$ -	\$ 889,479
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ 4,500,000
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 389,479	\$ 5,000,000	\$ -	\$ 5,389,479



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: PK16011

Greenway (Aspen Grove to Mack Hatcher)

Board Priority:

CIP: FY 2019-2028

Aspen Grove Trail Connection is identified in the Parks Master Plan as 1/2-mile trail~greenway connection that will link pedestrians from the Cool Springs area to the Mack Hatcher trailhead and multipurpose pathway located on Mack Hatcher Parkway. The existing multipurpose pathway is connected to Harlinsdale Farm and ultimately to the historic downtown. Land acquisition and construction will be part of constructing the missing link.

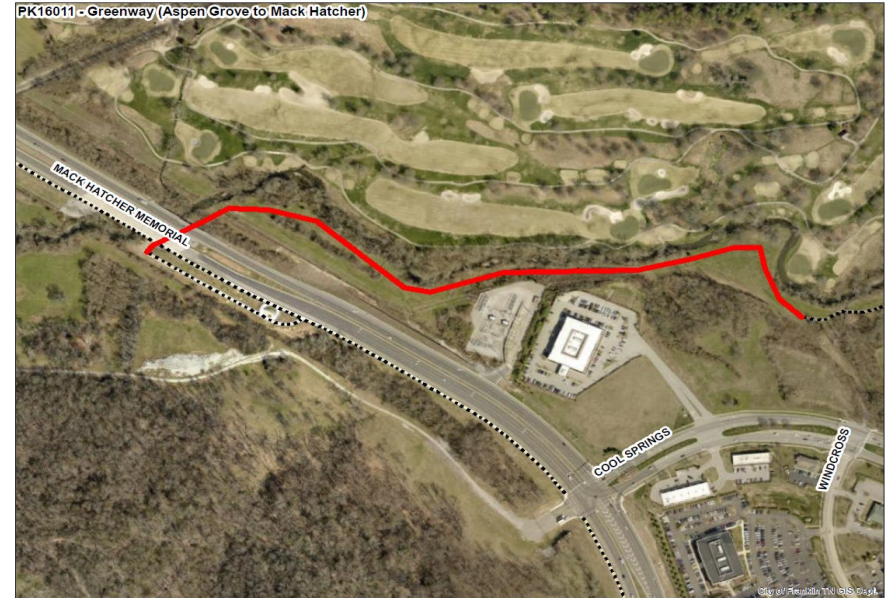
Expenditure Summary

Original Project Cost Estimate	\$	1,555,000
Current Project Cost Estimate	\$	5,283,353
Dollars Spent as of July 2023	\$	83,353

Project Status

Current Phase

Design - Uncommitted



Financing Summary

	Actual	Projected										Total Available
Greenway (Aspen Grove to Mack Hatcher)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ 1,250,000	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ 75,000	\$ -	\$ 1,354,000	\$ 1,354,353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,783,353
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 75,000	\$ -	\$ 2,604,000	\$ 2,604,353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,283,353



City of Franklin

FY 2022-2031 Capital Improvement Program Financing Model

Project #: PK19007

Greenway (Pinkerton Park to Franklin Road Bridge)

Board Priority:

CIP: FY 2019-2028

From the existing trail inside Pinkerton Park, the greenway would head north and west along the banks of the Harpeth, this time hugging a small shelf below Fort Granger as the trail approaches Downtown Franklin and would connect under the Franklin Road Bridge leading to the new sidewalk toward the Park at Harlinsdale Farm or south into downtown Franklin.

Dependent upon the bridge on franklin Road.



Expenditure Summary

Original Project Cost Estimate	\$	5,328,400
Current Project Cost Estimate	\$	5,250,000
Dollars Spent as of July 2023	\$	-

Project Status

Current Phase **Design - Uncommitted**

Financing Summary

	Actual	Projected										Total Available
Greenway (Pinkerton Park to Franklin Road Bridge)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,247,800	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 4,747,800
Hotel Motel	\$ -	\$ -	\$ -	\$ 502,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 502,200
Parkland Dedication (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Municipalities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 502,200	\$ -	\$ -	\$ 2,247,800	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 5,250,000



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16024

Mack Hatcher Multiuse Trail (Franklin-Hillsboro)

Board Priority:

CIP: FY 2019-2028

The Mack Hatcher Parkway (SR-397) has been designed with a multi-use path on the south side of the road. A 12' multi-use path exists from Franklin Road to Daniel McMahon Lane.

Expenditure Summary

Original Project Cost Estimate	\$	3,600,000
Current Project Cost Estimate	\$	4,800,000
Dollars Spent as of July 2023	\$	-

Project Status

Current Phase **Design - Uncommitted**



Financing Summary

	Actual	Projected										Total Available
Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	150,000	650,000	4,000,000	\$ 4,800,000
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 650,000	\$ 4,000,000	\$ 4,800,000



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST16030

Lewisburg Ave Trail Collins to Carriage Park Dr.

Board Priority:

CIP:

This project includes the construction of multi purpose trail along the south side of Lewisburg Pike. Staff is working on the design and will try to obtain future federal funding to help move this project forward.

The project will include utility upgrades/relocations, curb & gutter, bridge construction/rehabilitation, and accommodations for pedestrians and bicycles. Approximate project length of 4,000 LF



Expenditure Summary

Original Project Cost Estimate	\$	1,162,160
Current Project Cost Estimate	\$	4,189,479
Dollars Spent as of July 2023	\$	89,479

Project Status

Current Phase

Design - Uncommitted

Financing Summary

	Actual	Projected										Total Available
	thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Lewisburg Sidewalk												
Internal												
General - Cash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund Arterial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 539,479	\$ -	\$ -	\$ -	\$ -	\$ 689,479
Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 4,039,479	\$ -	\$ -	\$ -	\$ -	\$ 4,189,479



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Project #: ST19001

Main St Sidewalk Repair Project

Board Priority:

CIP: FY 2019-2028

Main Streets Streetscape project was completed in the early 90's. The existing brick pavers are faded and uneven creating numerous ADA issues along our main street. In addition, the tree grates need to be replaced. Staff is proposing to replace all the brick pavers and crosswalks to bring



Expenditure Summary

Original Project Cost Estimate	\$	2,200,000
Current Project Cost Estimate	\$	3,013,164
Dollars Spent as of July 2023	\$	13,164

Project Status

Current Phase

Design - Uncommitted

Financing Summary

		Projected										Total Available
Main St Sidewalk Repair Project	Thru FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Internal												
General - Cash	\$ 250,000	\$ -	\$ 690,791	\$ 690,791	\$ 690,791	\$ 690,791	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,013,164
General - Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parkland Dedication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External												
Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fundraising	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 250,000	\$ -	\$ 690,791	\$ 690,791	\$ 690,791	\$ 690,791	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,013,164

Current Project Cost Estimate: \$ 3,013,164

Remaining Funding Needed: \$ -



City of Franklin, Tennessee
Board of Mayor and Aldermen

Capital Investment Program Update

BOMA Work Session

May 28, 2024



City of Franklin, Tennessee

FY 2024 Capital Investment Program

Agenda

Review BOMA's "Rankings"

Discuss Projects

Questions

City of Franklin, Tennessee

FY 2024 Capital Investment Program

Project Descriptions	Cost	Baggett	Barnhill	Blanton	Brown	Burger	Caesar	Moore	Petersen	Potts	Count
		x	x	x	x	x	x	x	x	x	9
Under Construction											
Bicentennial Park	\$11,715,112										0
USACE - Home Raising Project	\$11,610,367										0
Greenway & Bridge	\$4,481,388										0
Bundled Bridges Construction & Rehabilitation Contract	\$3,863,035										0
Hayes Home Restoration (Harlinsdale)	\$1,672,350										0
Thompson Alley Neighborhood Park	\$504,995										0
											0
Right-of-Way/Acquisition/Bidding											
Southeast Municipal Complex - Ph.1	\$48,198,382										0
East McEwen Drive - Phase 4	\$47,000,706										0
Lockwood Glen Park	\$14,287,873		x								1
Lewisburg Sidewalk - to Collins Farm	\$4,156,145										0
Jordan Road	\$3,541,764										0
											0
Design - Committed											
New City Hall	\$99,690,597		x								1
Long Lane & Old Peytonsville	\$45,735,967	x		x		x ^{notes}			x		4
McEwen Phase 5	\$19,800,687						x				1
Liberty Park Improvements	\$11,672,355										0
Main Barn Restoration (Harlinsdale)	\$4,000,004		x								1
											0
Design - Uncommitted											
Mallory/N Royal Oaks/Liberty	\$21,723,895	x		x					x		3
Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)	\$20,000,000	x	x	x	x	x	x	x	x	x	9
Church Street	\$16,532,450									x	1
Peytonsville Rd & Pratt Ln Int. Improvements	\$14,100,000					x					1
Lewisburg Sidewalk - Collins Farm to Carriage Park Drive	\$5,389,479								x		1
Greenway (Aspen Grove to Mack Hatcher)	\$5,283,353	x				x	x	x		x	5
Greenway (Pinkerton Park to Franklin Road Bridge)	\$5,250,000		x					x		x	3
Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	\$4,800,000	x					x				2
Lewisburg Sidewalk - Carriage Park Drive to Mack Hatcher	\$4,189,479	x					x	x	x		4
Main St Sidewalk Repair Project	\$3,013,164	x								x	2



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Major Category of Revenues

Summary: Please find the list of the 26 projects approved as part of the 2019-2028 CIP not completed as of January 26, 2024 broken out by internal vs. external funding source.

Project Descriptions	Cost	Internal		External				Total Cost
		Cash	Debt	Other City/State	Federal	Utility	Private	
Under Construction								
Bicentennial Park	\$ 11,715,112	\$ 11,715,112						\$ 11,715,112
USACE - Home Raising Project	\$ 11,610,367	\$ 2,031,814		\$ -	\$ 7,546,739		\$ 2,031,814	\$ 11,610,367
Greenway & Bridge	\$ 4,481,388	\$ 2,481,388		\$ 2,000,000				\$ 4,481,388
Bundled Bridges Construction & Rehabilitation Contract	\$ 3,863,035	\$ 3,863,035						\$ 3,863,035
Hayes Home Restoration (Harlinsdale)	\$ 1,672,350	\$ 100,274					\$ 1,572,076	\$ 1,672,350
Thompson Alley Neighborhood Park	\$ 504,995	\$ 504,995						\$ 504,995
Right-of-Way/Acquisition/Bidding								
Southeast Municipal Complex - Ph.1	\$ 48,198,382	\$ 17,233,946	\$ 29,464,436				\$ 1,500,000	\$ 48,198,382
East McEwen Drive - Phase 4	\$ 47,000,706	\$ 6,741,663	\$ 9,291,838		\$ 30,240,000	\$ 727,205		\$ 47,000,706
Lockwood Glen Park	\$ 14,287,873	\$ 4,287,873	\$ 10,000,000					\$ 14,287,873
Lewisburg Sidewalk - to Collins Farm	\$ 4,156,145	\$ 4,156,145						\$ 4,156,145
Jordan Road	\$ 3,541,764	\$ 1,541,764	\$ 2,000,000					\$ 3,541,764
Design - Committed								
New City Hall	\$ 99,690,597	\$ 14,690,597	\$ 85,000,000					\$ 99,690,597
Long Lane & Old Peytonsville	\$ 45,735,967	\$ 12,722,267	\$ 32,000,000			\$ 1,013,700		\$ 45,735,967
McEwen Phase 5	\$ 19,800,687	\$ 8,179,884	\$ 570,544	\$ 11,050,259				\$ 19,800,687
Liberty Park Improvements	\$ 11,672,355	\$ 11,672,355						\$ 11,672,355
Main Barn Restoration (Harlinsdale)	\$ 4,000,004	\$ 3,600,004		\$ 100,000			\$ 300,000	\$ 4,000,004
Design - Uncommitted								
Mallory/N Royal Oaks/Liberty	\$ 21,723,895	\$ 10,723,895	\$ 11,000,000					\$ 21,723,895
Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)	\$ 20,000,000	\$ -	\$ 20,000,000					\$ 20,000,000
Church Street	\$ 16,532,450	\$ 16,532,450						\$ 16,532,450
Peytonsville Rd & Pratt Ln Int. Improvements	\$ 14,100,000	\$ 4,100,000	\$ 10,000,000					\$ 14,100,000
Lewisburg Sidewalk - Collins Farm to Carriage Park Drive	\$ 5,389,479	\$ 689,479		\$ 3,500,000				\$ 4,189,479
Greenway (Aspen Grove to Mack Hatcher)	\$ 3,450,000	\$ 3,450,000						\$ 3,450,000
Greenway (Pinkerton Park to Franklin Road Bridge)	\$ 5,250,000	\$ 5,250,000						\$ 5,250,000
Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	\$ 4,800,000	\$ 4,800,000						\$ 4,800,000
Lewisburg Sidewalk - Carriage Park Drive to Mack Hatcher	\$ 4,189,479	\$ 889,479		\$ 4,500,000				\$ 5,389,479
Main St Sidewalk Repair Project	\$ 3,013,164	\$ 3,013,164						\$ 3,013,164
Revenue Category Totals	\$ 432,213,547	\$ 156,804,936	\$ 209,326,818	\$ 21,150,259	\$ 37,786,739	\$ 1,740,905	\$ 5,403,890	\$ 432,213,547

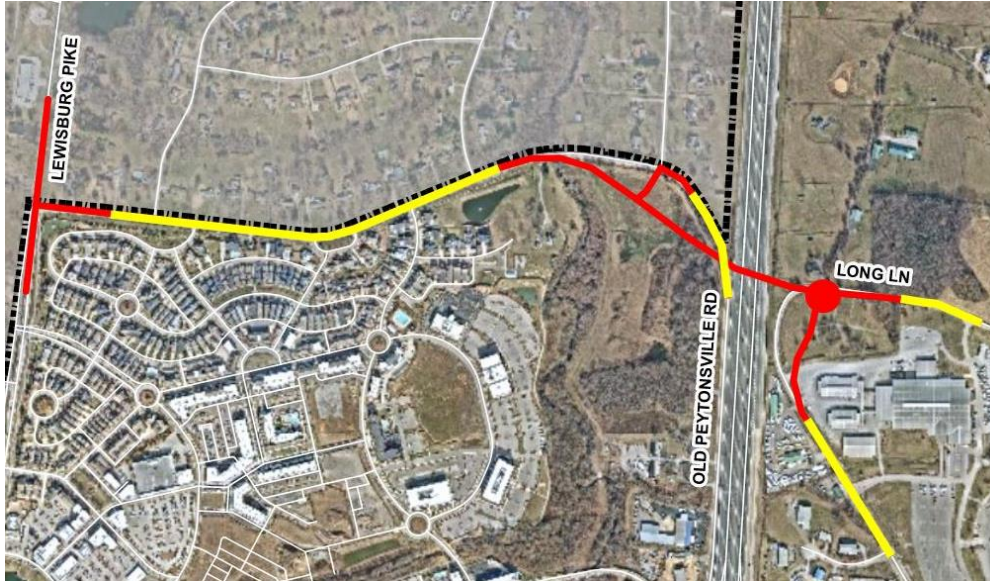
Notes:

Amounts shown do not include completed CIP projects as of January 26, 2024.

Debt amounts shown include proposed debt issuance (totaling \$195,000,000) and use of existing proceeds (totaling \$14,326,818)

City of Franklin, Tennessee

Long Ln and Old Peytonsville Rd. Connector



- Adopted as part of the 2019 Capital Investment Program.
- This project received 3 out of 9 votes to be removed from our current CIP and 1 vote to change the scope.
- City staff has spent approximately \$5,316,316 on the design and right-of-way.
- BOMA to select a phasing option to provide staff direction.

Option 1 – Full Build

\$ 9,000,000	ROW and Easements
\$36,700,000	Construction/CEI
\$45,700,000	Total Est. Project Cost

Option 2 – Minimum Build

\$ 4,500,000	ROW and Easements
\$23,700,000	Construction/CEI
\$28,200,000	Total Est. Project Cost

City of Franklin, Tennessee

Carlisle Lane (SR96W – Mack Hatcher NW)

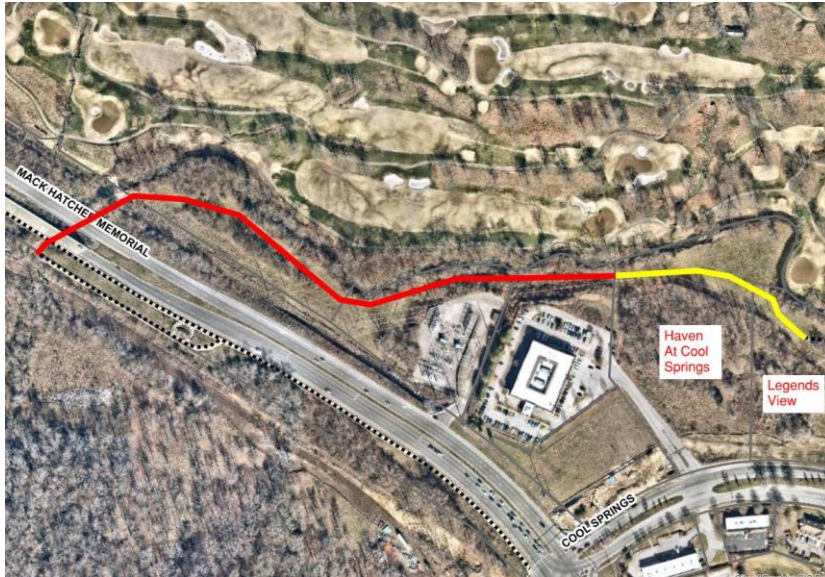


\$ 1,900,000	Design/Planning
\$ 2,700,000	ROW and Easements
\$15,400,000	Construction/CEI
\$20,000,000	Total Est. Project Cost

- Adopted as part of the 2019 Capital Investment Program.
- This project received 9 out of 9 votes to be removed from our current CIP.
- This project will be reprioritized in future capital plans.

City of Franklin, Tennessee

Greenway (Aspen Grove – Mack Hatcher)



- Adopted as part of the 2019 Capital Investment Program.
- This project received 5 out of 9 votes to be removed from our current CIP.
- Legends View and the Haven At Cool Springs will build a portion of this trail.
- This project will be reprioritized in future capital plans.

\$ 400,000	Design/Planning
\$ 350,000	ROW and Easements
\$2,700,000	Construction/CEI
\$3,450,000	Total Est. Project Cost

City of Franklin, Tennessee

Lewisburg Ave. Trail (SR397 – Carriage Park Dr.)



\$ 600,000	Design/Planning
\$1,100,000	ROW and Easements
\$3,700,000	Construction/CEI
\$5,400,000	Total Est. Project Cost

- Adopted as part of the 2019 Capital Investment Program.
- This project received 4 out of 9 votes.
- Staff to proceed with the project and work to identify federal funding to help pay for construction.



City of Franklin, Tennessee
FY 2024 Capital Investment Program

Questions



City of Franklin

FY 2024-2033 Capital Improvement Program Financing Model

Projects by Major Category of Revenues

Summary: Please find the list of the 26 projects approved as part of the 2019-2028 CIP not completed as of January 26, 2024 broken out by internal vs. external funding source.

Project Descriptions	Cost	Internal		External				Total Cost
		Cash	Debt	Other City/State	Federal	Utility	Private	
Under Construction								
Bicentennial Park	\$ 11,715,112	\$ 11,715,112						\$ 11,715,112
USACE - Home Raising Project	\$ 11,610,367	\$ 2,031,814		\$ -	\$ 7,546,739		\$ 2,031,814	\$ 11,610,367
Greenway & Bridge	\$ 4,481,388	\$ 2,481,388		\$ 2,000,000				\$ 4,481,388
Bundled Bridges Construction & Rehabilitation Contract	\$ 3,863,035	\$ 3,863,035						\$ 3,863,035
Hayes Home Restoration (Harlinsdale)	\$ 1,672,350	\$ 100,274					\$ 1,572,076	\$ 1,672,350
Thompson Alley Neighborhood Park	\$ 504,995	\$ 504,995						\$ 504,995
Right-of-Way/Acquisition/Bidding								
Southeast Municipal Complex - Ph.1	\$ 48,198,382	\$ 17,233,946	\$ 29,464,436				\$ 1,500,000	\$ 48,198,382
East McEwen Drive - Phase 4	\$ 47,000,706	\$ 6,741,663	\$ 9,291,838		\$ 30,240,000	\$ 727,205		\$ 47,000,706
Lockwood Glen Park	\$ 14,287,873	\$ 4,287,873	\$ 10,000,000					\$ 14,287,873
Lewisburg Sidewalk - to Collins Farm	\$ 4,156,145	\$ 4,156,145						\$ 4,156,145
Jordan Road	\$ 3,541,764	\$ 1,541,764	\$ 2,000,000					\$ 3,541,764
Design - Committed								
New City Hall	\$ 99,690,597	\$ 14,690,597	\$ 85,000,000					\$ 99,690,597
Long Lane & Old Peytonsville	\$ 45,735,967	\$ 12,722,267	\$ 32,000,000			\$ 1,013,700		\$ 45,735,967
McEwen Phase 5	\$ 19,800,687	\$ 8,179,884	\$ 570,544	\$ 11,050,259				\$ 19,800,687
Liberty Park Improvements	\$ 11,672,355	\$ 11,672,355						\$ 11,672,355
Main Barn Restoration (Harlinsdale)	\$ 4,000,004	\$ 3,600,004		\$ 100,000			\$ 300,000	\$ 4,000,004
Design - Uncommitted								
Mallory/N Royal Oaks/Liberty	\$ 21,723,895	\$ 10,723,895	\$ 11,000,000					\$ 21,723,895
Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)	\$ 20,000,000	\$ -	\$ 20,000,000					\$ 20,000,000
Church Street	\$ 16,532,450	\$ 16,532,450						\$ 16,532,450
Peytonsville Rd & Pratt Ln Int. Improvements	\$ 14,100,000	\$ 4,100,000	\$ 10,000,000					\$ 14,100,000
Lewisburg Sidewalk - Collins Farm to Carriage Park Drive	\$ 5,389,479	\$ 689,479		\$ 3,500,000				\$ 4,189,479
Greenway (Aspen Grove to Mack Hatcher)	\$ 3,450,000	\$ 3,450,000						\$ 3,450,000
Greenway (Pinkerton Park to Franklin Road Bridge)	\$ 5,250,000	\$ 5,250,000						\$ 5,250,000
Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	\$ 4,800,000	\$ 4,800,000						\$ 4,800,000
Lewisburg Sidewalk - Carriage Park Drive to Mack Hatcher	\$ 4,189,479	\$ 889,479		\$ 4,500,000				\$ 5,389,479
Main St Sidewalk Repair Project	\$ 3,013,164	\$ 3,013,164						\$ 3,013,164
Revenue Category Totals	\$ 432,213,547	\$ 156,804,936	\$ 209,326,818	\$ 21,150,259	\$ 37,786,739	\$ 1,740,905	\$ 5,403,890	\$ 432,213,547

Notes:

Amounts shown do not include completed CIP projects as of January 26, 2024.

Debt amounts shown include proposed debt issuance (totaling \$195,000,000) and use of existing proceeds (totaling \$14,326,818)



File #: 21-0106

DATE: May 29, 2024
TO: Board of Mayor and Aldermen
FROM: Eric Stuckey, City Administrator
Paul Holzen, Director of Engineering
Jonathan Marston, Asst. Director of Engineering
David Hodnett, Staff Engineer
William Banks, Staff Engineer

SUBJECT:

Presentation On And Discussion About The Draft Right-Of-Way Plans For The "Liberty Pike & North Royal Oaks Boulevard/Mallory Lane Intersection Improvements" Project (COF Project No. 2017-005)
WS 5/28/24

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the "Liberty Pike & North Royal Oaks Boulevard/Mallory Lane Intersection Improvements" (Liberty-Mallory) project (COF Project No. 2017-005) and to facilitate a discussion about next steps for this project.

BACKGROUND/STAFF COMMENTS:

With continued development in the Cool Springs area and along the Carothers Parkway corridor, recent traffic impact studies have consistently shown a need for upgrades to the intersection at Liberty Pike and North Royal Oaks Boulevard/Mallory Lane (Liberty-Mallory). On October 25, 2016, the BOMA approved Resolution 2016-69 to adopt the project list for Phase I of the fiscal years (FYs) 2017-2016 Capital Investment Program (CIP). Included in that approval was "Phase 1" of the Liberty-Mallory project. In 2016, the Liberty-Mallory project was planned as a traditional intersection widening with traffic signalization to continue. More specifically, the widening would have consisted of widening all the intersection approaches to seven (7) lanes:

- four (4) thru lanes - two (2) in each direction,
- two (2) left-turn lanes, and
- one (1) dedicated right-turn lane.

The project would have included a combination of sidewalks and/or multi-use trails on both sides of each street. The approval granted for "Phase I" of the project, at a 2016 preliminary estimated cost of \$2.2 million, was only intended to allow for the design and right-of-way acquisition necessary for the project, with actual funding approval for construction coming in a later approval cycle.

Following the adoption of the 2017-2026 Capital Investment Program project list, the BOMA approved a Professional Services Agreement (PSA), COF Contract No. 2017-0017, on February 14, 2017, with Vokert, Inc., who was one of the City's on-call traffic engineering consultants to perform the design of the intersection improvements at a cost of \$229,965. City staff received draft right-of-way plans in January 2018. Following comments by staff and revisions by the designers, a public meeting was held in August 2018 to present the near final plans to the public and to gather any additional feedback. The feedback from that meeting was:

Liberty Pike/Mallory Lane/N. Royal Oaks Intersection Improvements Summary of Comment Cards Public Meeting 8-30-18 Attendance - 18			
Do you support this project as presented?	Yes	5	28%
	No	8	44%
Do you support the pedestrian & bicycle accomodations?	Yes	10	56%
	No	5	28%
Should sidewalks be included with this project?	Yes	14	78%
	No	1	6%
Should a multi-use trail be included with this project?	Yes	8	44%
	No	6	33%
Requested roundabout option		8	44%

The concerns voiced at the public meeting were generally focused on issues such as: the impact of the proposed widened roadways and new sidewalks/multi-use paths on the adjacent properties, the restriction of left-turn movements near the improved intersection, and the impact of the proposed project on traffic at the intersection of Stanwick Drive & Liberty Pike. Following the presentation of these public meeting results to the Capital Investment Committee (CIC), staff was directed to analyze some additional design options.

In early 2019, staff presented three new conceptual design options and the original design, along with projected Levels of Service (LOS) for each concept for the years of 2020, 2030 and 2040. The 4 options presented for consideration to the BOMA were:

- Option 1A - Ultimate Signalized Intersection (Original Design / Full Build-Out)
- Option 1B - Minimal Signalized Intersection
- Option 1C - Optimal Signalized Intersection
- Option 2 - Roundabout Intersection

These 4 conceptual design options, along with the projected traffic LOS data have been included in your packet as Exhibit A and Exhibit B, respectively. With the information presented, the BOMA chose to proceed with "Option 2 - Roundabout Intersection" with its approval of Resolution 2019-18 on April 23, 2019.

While detailed discussions were happening with regard to the Liberty-Mallory project, the BOMA was also working through its review and prioritization of the FY 2019-2028 CIP. On August 13, 2019, the BOMA approved Resolution 2019-68 to adopt the project list for the FY 2019-2028 CIP. Included in

the list of 30 approved projects was the Mallory-Liberty project as a roundabout design concept, per direction given via Resolution 2019-18, with a preliminary estimated total project cost of \$15 million in 2019 figures. With recent spikes in inflation, this total project cost is anticipated to be closer to \$21 million.

A specific topic of concern with respect to this project, regardless of its design, has been its potential impacts on adjacent property owners. The total area of property acquisition (i.e., permanent, fee simple right-of-way acquisition, permanent easements, and temporary easements, according to the draft right-of-way plan set for each design concept, is as follows:

	RIGHT-OF-WAY	EASEMENTS			
		PERMANENT		TEMPORARY	
		DRAINAGE	UTILITY	SLOPE	CONSTRUCTION
	(ACRES)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)
CURRENT DESIGN (<i>ROUNDAOUBTS</i>)	1.253	3,682	40,949	35,926	52,539
ORIGINAL DESIGN (<i>SIGNALIZED</i>)	1.917	22,346	N/A *	27,808	46,217
* NOTE: Estimated easements for utilities were not included in the draft ROW plans for the original design.					

What this data shows is that property impacts, when taken overall, are not drastically different between the 2 project designs. The difference lies with the location of the impacts, which requires a closer look at each plan set.

Following the approval of the 2019-2028 Capitial Investment Program (CIP), the BOMA approved a PSA, COF Contract No. 2019-0261, with Volkert on September 10, 2019, to redesign the Mallory-Liberty project with multi-lane roundabout intersections at the primary intersection of Liberty Pike and North Royal Oaks Boulevard / Mallory Lane and the secondary intersection of Liberty Pike and Stanwick Drive. This PSA also included an update to the survey, basic utility relocation designs, subsurface drainage investigation & design along North Royal Oaks Boulevard, and landscape plans for the roundabout center islands. The total contract ceiling of this PSA is \$466,295.

As design was progressing, staff requested additional services, specifically Subsurface Utility Engineering (SUE), to better determine the location of existing underground utilities, which should help mitigate potential conflicts with proposed infrastructure. The primary goal being to avoid costly delays during construction due to unnecessary design conflicts. Therefore, the BOMA approved a PSA, COF Contract No. 2021-0271, with Ground Penetrating Radar Systems, LLC (GPR) on November 23, 2021 for the amount of \$44,250. This information has been integrated into the current design.

City staff worked with the designer to get the project ready for the presentation of draft right-of-way plans at a public meeting. After review of the plans by staff and corrections by the designer, the right-of-way plans are ready to be presented to the public. Following any minor revisions and coordination with affected utility providers, the next major step is to move into right-of-way and easement acquisition. However, staff first wanted to present the draft right-of-way plans to the BOMA and allow them to finalize the ongoing re-prioritization of the CIP, before moving the project forward.

FINANCIAL IMPACT:

As of May 16, 2024, the expenses to-date for this project total \$723,971.04 and have been billed to the Capital Project Fund (310), which corresponds to a General Ledger (GL) code of 310-89420-

43100. A summary of the expenses associated with this project to-date is shown in the following table:

COF Contract No.	Vendor	Purpose	Amount		
			Ceiling	Spent-to-Date	Remaining
2017-0017	Volkert, Inc.	Original Design	\$ 229,965.00	\$ 227,592.00	\$ 2,373.00
N/A	Williamson Herald	Public Meeting Notice	\$ 76.00	\$ 76.00	\$ -
2019-0261	Volkert, Inc.	Revised Design	\$ 466,295.00	\$ 463,681.04	\$ 2,613.96
2021-0271	Ground Penetrating Radar, Inc.	Subsurf. Util. Engr. (SUE)	\$ 44,250.00	\$ 32,622.00	\$ 11,628.00
Totals:			\$ 740,586.00	\$ 723,971.04	\$ 16,614.96

The original design concept, as approved in 2016, as a widened version of the existing signalized intersection had an estimated preliminary total project cost of \$4.44 million, with \$2.70 million estimated for the construction phase. During the preparation of the 2024-2033 CIP documentation for discussion and consideration by the BOMA, staff performed high-level cost estimate updates for previously unapproved and approved, but yet uncompleted projects. The latest estimated preliminary total cost for the current iteration of the Liberty-Mallory project stands at \$21 million, with \$16.8 million estimated for the construction phase.

However, to accurately compare the costs of the original design to the new design, one must account for inflation and other cost increases. To more accurately compare the estimated costs of the 2 project concepts, the following data sources were utilized:

- [Zillow.com](https://www.zillow.com) - Zillow Home Value Index (ZHVI) - Franklin, TN Average Home Price - April 2016 = \$429,533; April 2024 = \$875,018; Increase of 103.7%
- [Greenstreet.com](https://www.greenstreet.com) - Green Street Commercial Property Price Index (CPPI) - Nationwide - April 2016 = 125.3; April 2024 = 121.8; Decrease of 2.8%
- [FHWA.DOT.gov](https://www.fhwa.dot.gov) - National Highway Construction Cost Index (NHCCI) - Nationwide - 2016 Q3 = 1.680; 2023 Q3 = 3.146; Increase of 87.3% (Average Increase of 9.8% per year)

By applying the factors listed above to the estimated preliminary total project cost listed in 2016 for the original concept of this project, that original cost would need to be inflated to approximately \$7.4 million (2024 figures) to allow for a valid comparison of the estimated preliminary total project costs listed for each design.

RECOMMENDATION:

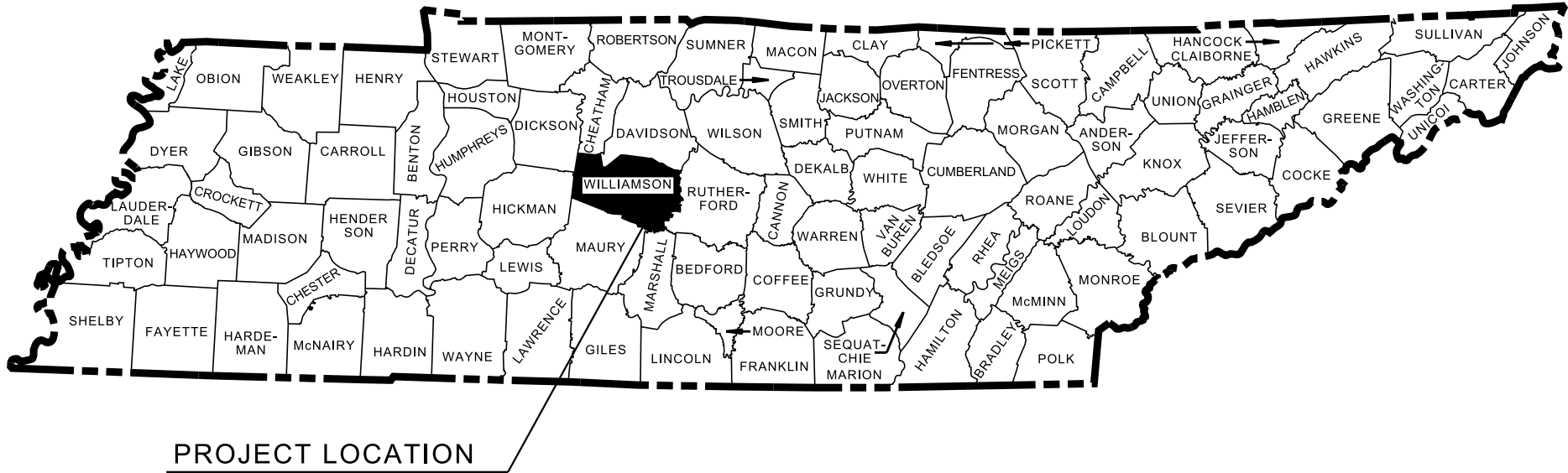
Following a presentation of the draft right-of-way plans, staff seeks input about the project from the BOMA prior to scheduling a public meeting.

DEPARTMENT OF ENGINEERING
FRANKLIN, TENNESSEE

MALLORY LANE
AT LIBERTY PIKE

RIGHT-OF-WAY
GRADING, DRAINAGE, BASE, PAVING,
SIGNAGE, MARKING, UTILITIES, & LIGHTING

CITY OF FRANKLIN	YEAR	SHEET NO.
	2023	1
PROJECT 2017-005	MALLORY LANE AT LIBERTY PIKE	



BEGIN CONSTRUCTION
STA. 101+60.00
LIBERTY PIKE

BEGIN CONSTRUCTION
STA. 400+10.00
ROYAL OAKS BOULEVARD/
MALLORY LANE

END CONSTRUCTION
STA. 506+00.00
ROYAL OAKS BOULEVARD/
MALLORY LANE

END CONSTRUCTION
STA. 307+00.00
LIBERTY PIKE

APPROVED:
PAUL HOLZEN, P.E.
DIRECTOR OF ENGINEERING
DATE

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE CITY OF FRANKLIN IF ANY OF THE UNIT PRICES
CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW
THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF
THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND
ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS
AND IN THE PROPOSAL CONTRACT.

CITY OF FRANKLIN ENGINEERING DEPT. _____ PAUL HOLZEN, P.E.
DESIGNED BY _____ VOLKERT, INC. _____ DIRECTOR OF ENGINEERING
DESIGNER _____ KENNETH SHELTON, P.E. _____
CHECKED BY _____ DENNIS BOUTON, P.E. _____

PROJECT LENGTH (LIBERTY PIKE) 0.409 MILES
PROJECT LENGTH (ROYAL OAKS BLVD./MALLORY LANE) 0.268 MILES

PLANS PREPARED BY:

VOLKERT

SEALED BY

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REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

INDEX OF SHEETS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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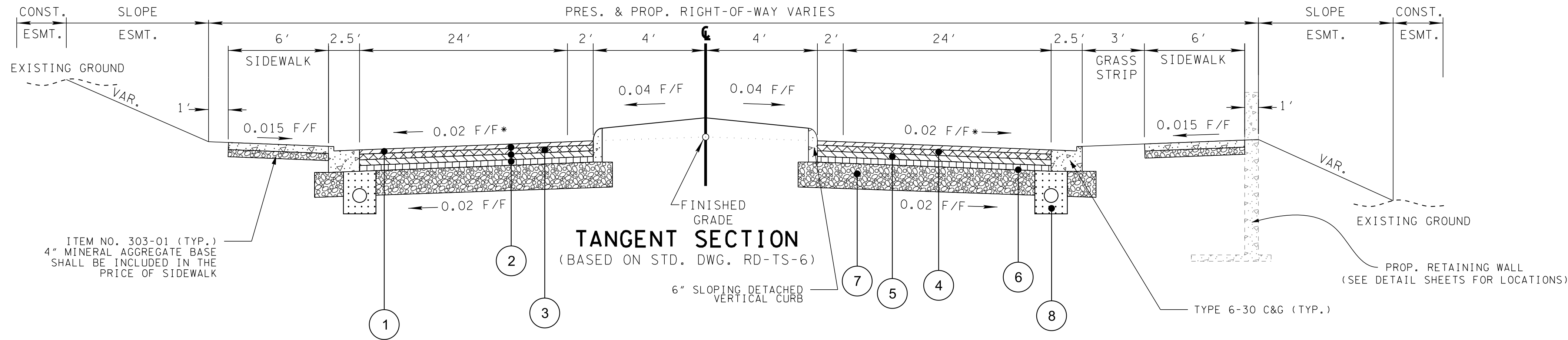
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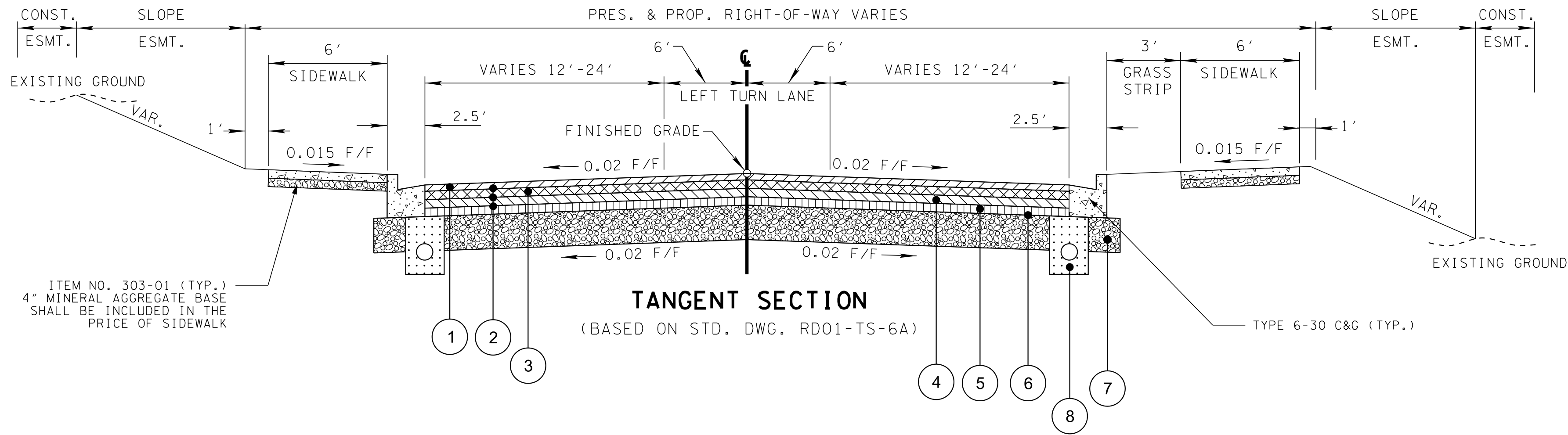
YEAR: 2023

SHEET NO: 1A



LIBERTY PIKE WEST OF ROUNDABOUT 1
LIBERTY PIKE STA. 104+85.79 TO STA. 108+21.87

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



LIBERTY PIKE WEST OF ROUNDABOUT 1
LIBERTY PIKE STA. 101+60.00 TO STA. 104+85.79

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
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REVISIONS		DESCRIPTION
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TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

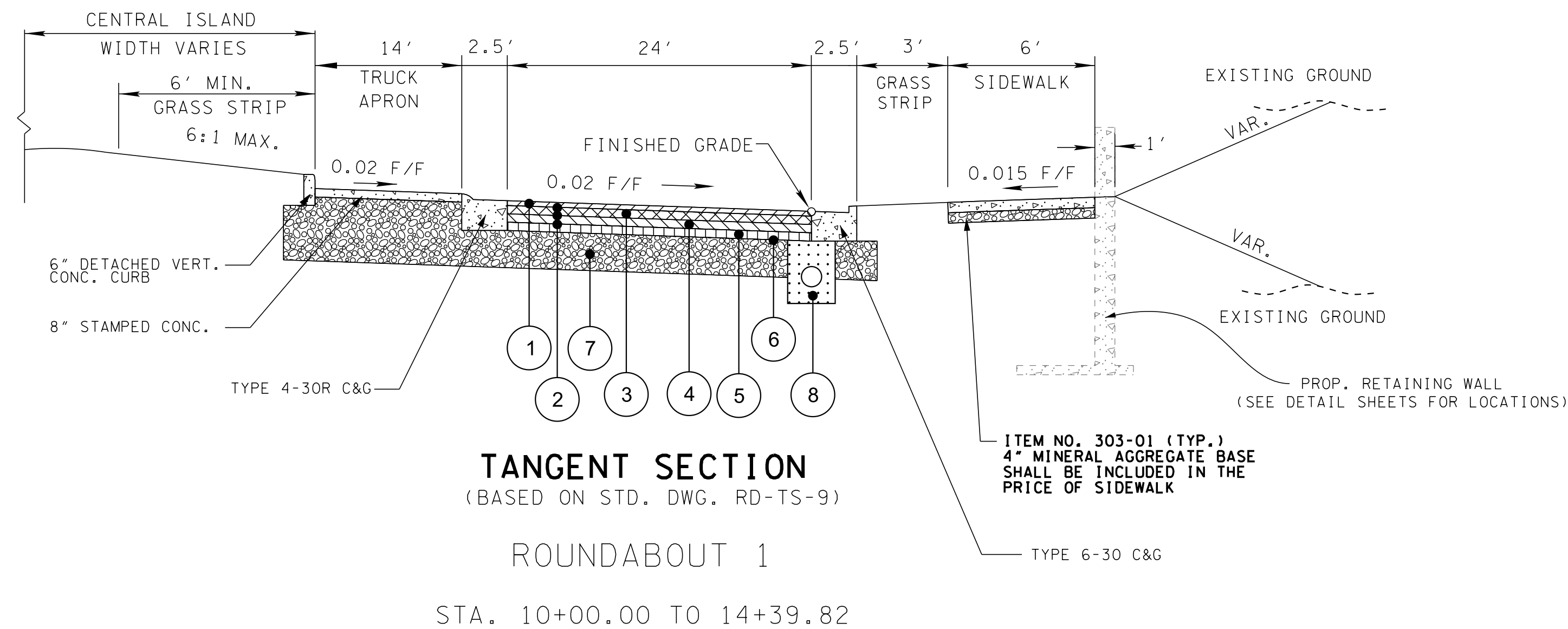
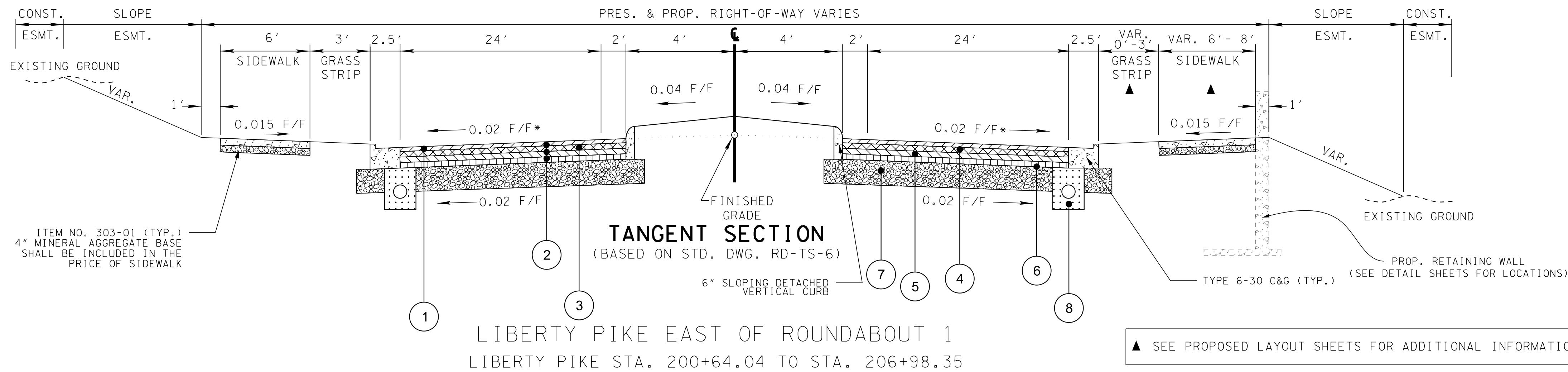
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YEAR: 2023

SHEET NO: 2B



PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
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REVISIONS	
NO	DESCRIPTION

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TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

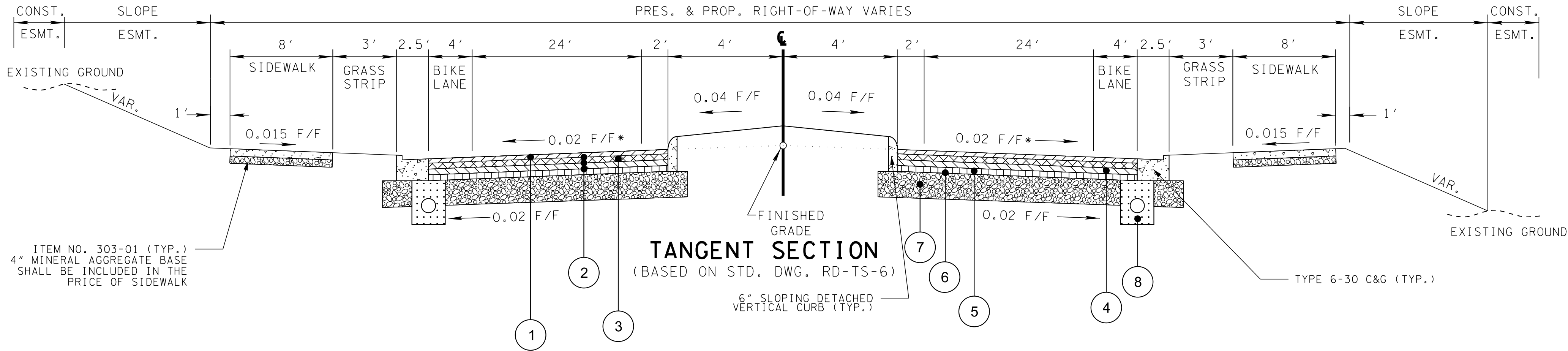
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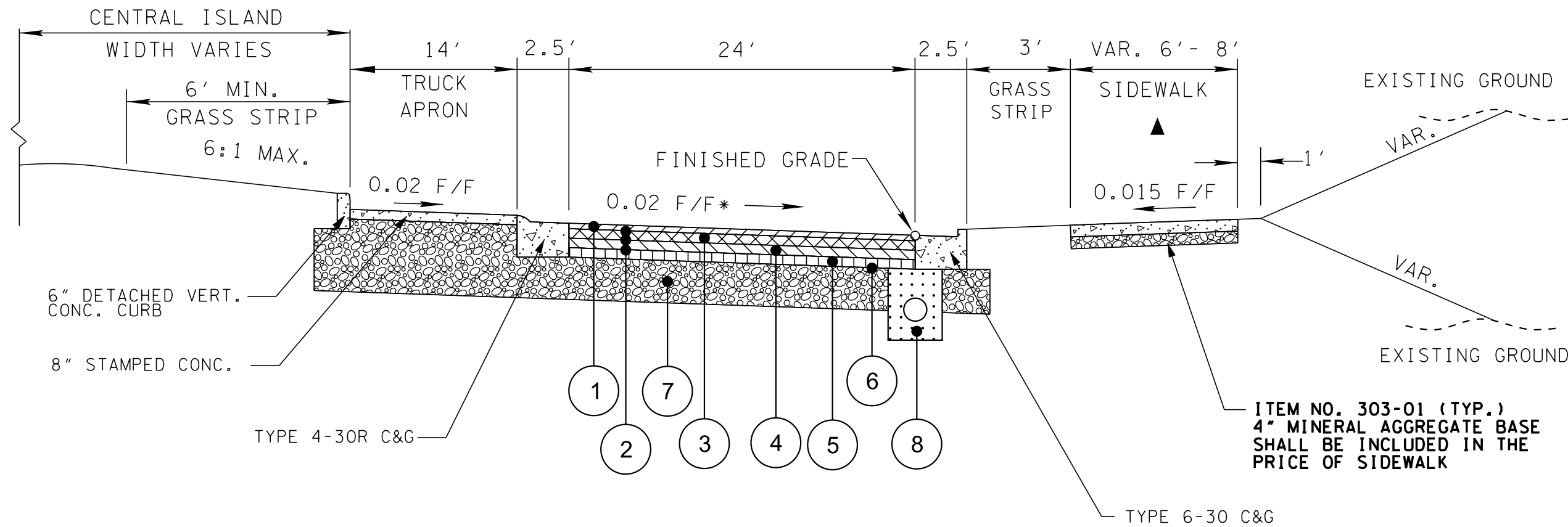
YEAR: 2023

SHEET NO: 2B1



LIBERTY PIKE EAST OF ROUNDABOUT 2
LIBERTY PIKE STA. 300+77.89 TO STA. 305+37.44

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



TANGENT SECTION
(BASED ON STD. DWG. RD-TS-9)

ROUNDABOUT 2

STA. 20+00.00 TO 24+90.09

▲ SEE PROPOSED LAYOUT SHEETS FOR ADDITIONAL INFORMATION

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
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REVISIONS	
NO.	DESCRIPTION

Volkert

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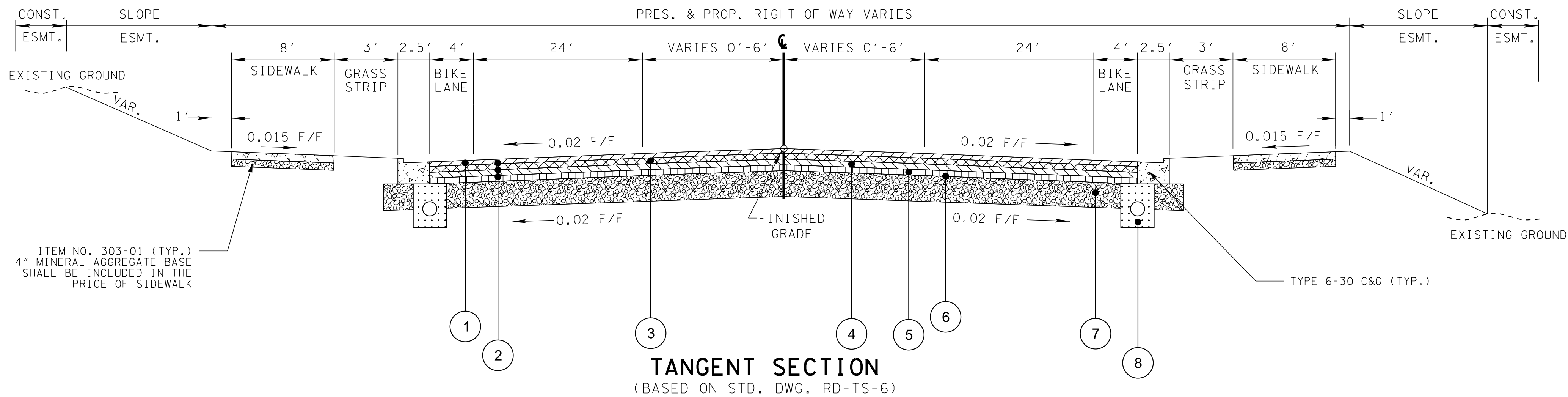
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B2



LIBERTY PIKE EAST OF ROUNDABOUT 2
LIBERTY PIKE STA. 305+37.44 TO STA. 307+00.00

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
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NO.	DATE	BY	

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TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B3



PAVEMENT SCHEDULE	
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TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

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CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B4

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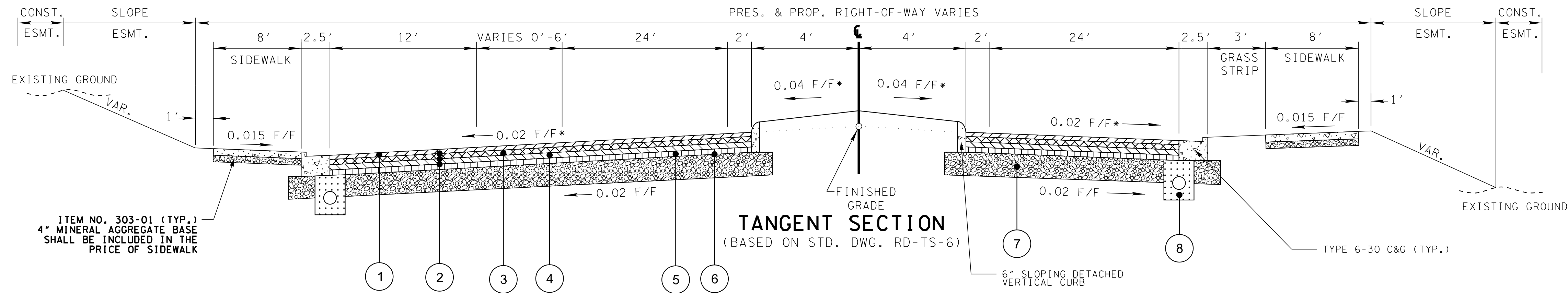
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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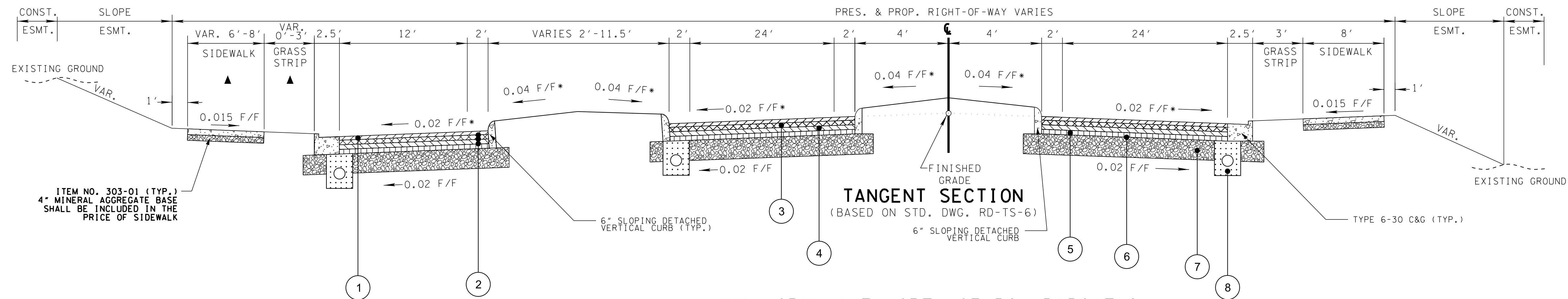
YEAR: 2023

SHEET NO: 2B5



MALLORY LANE NORTH OF ROUNDABOUT 2
MALLORY LANE STA. 501+37.43 TO STA. 506+00.00

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



MALLORY LANE NORTH OF ROUNDABOUT 2
MALLORY LANE STA. 500+60.16 TO STA. 501+37.43

▲ SEE PROPOSED LAYOUT SHEETS FOR ADDITIONAL INFORMATION

PAVEMENT SCHEDULE	
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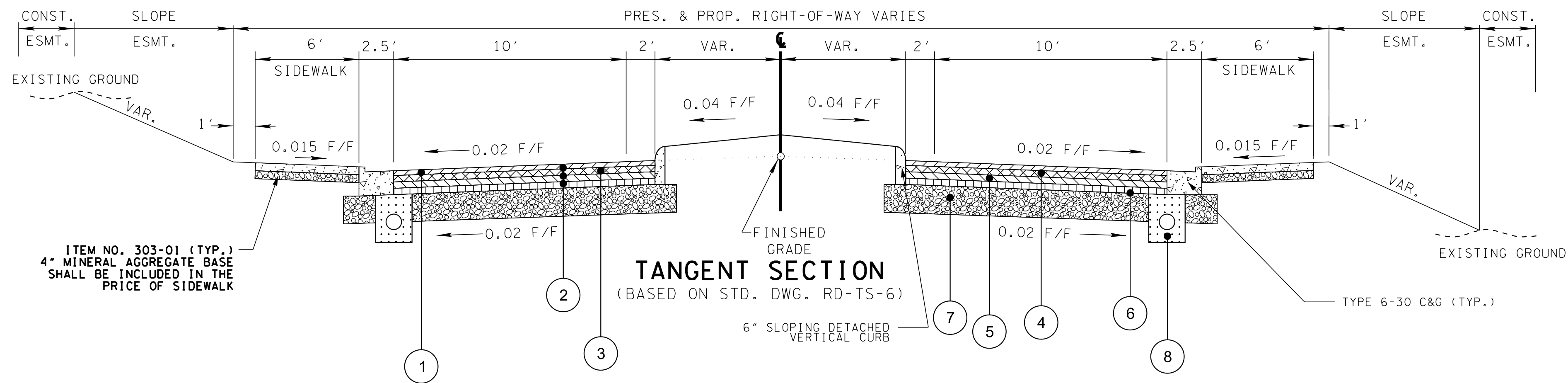
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
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SUPERVISED BY: _____
CHECKED BY: _____

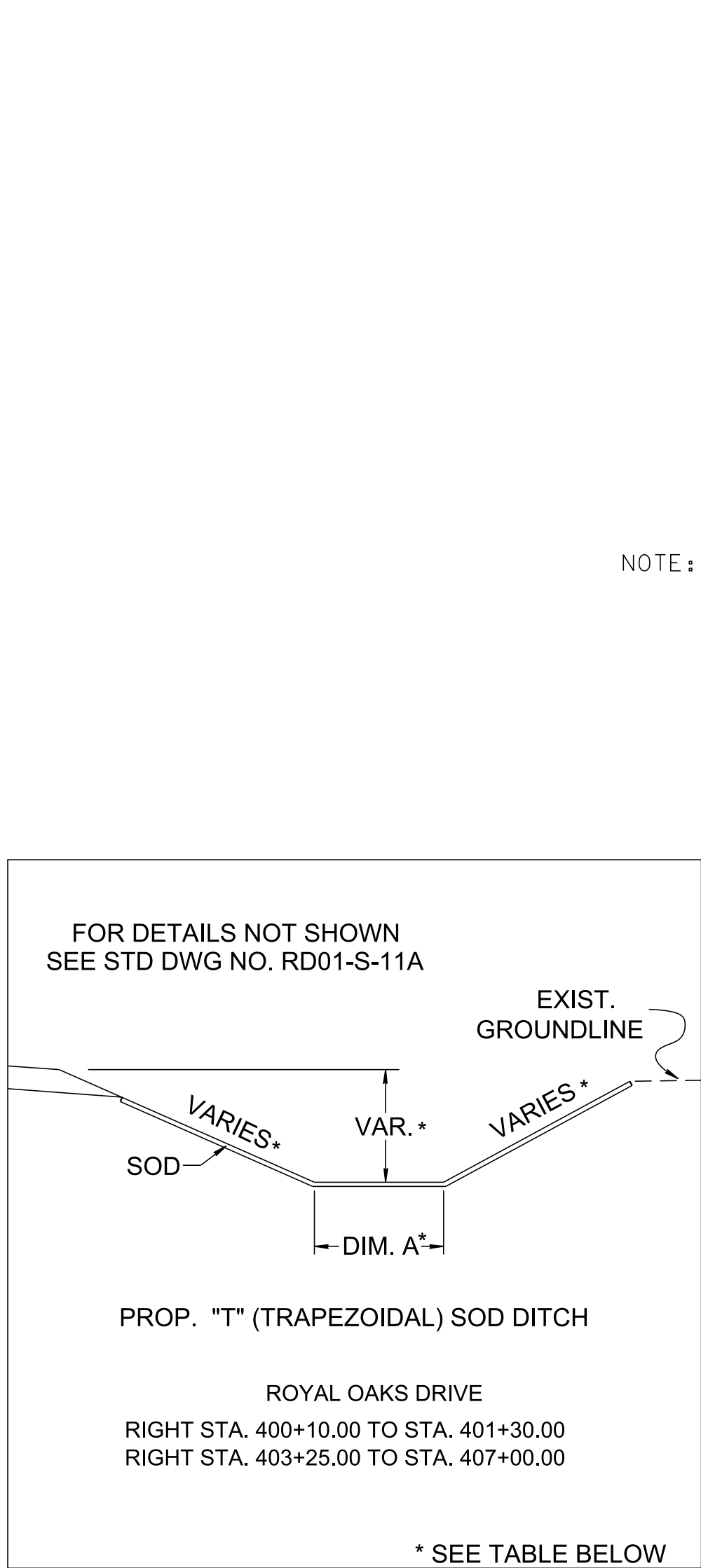
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SHEET NO: 2B6

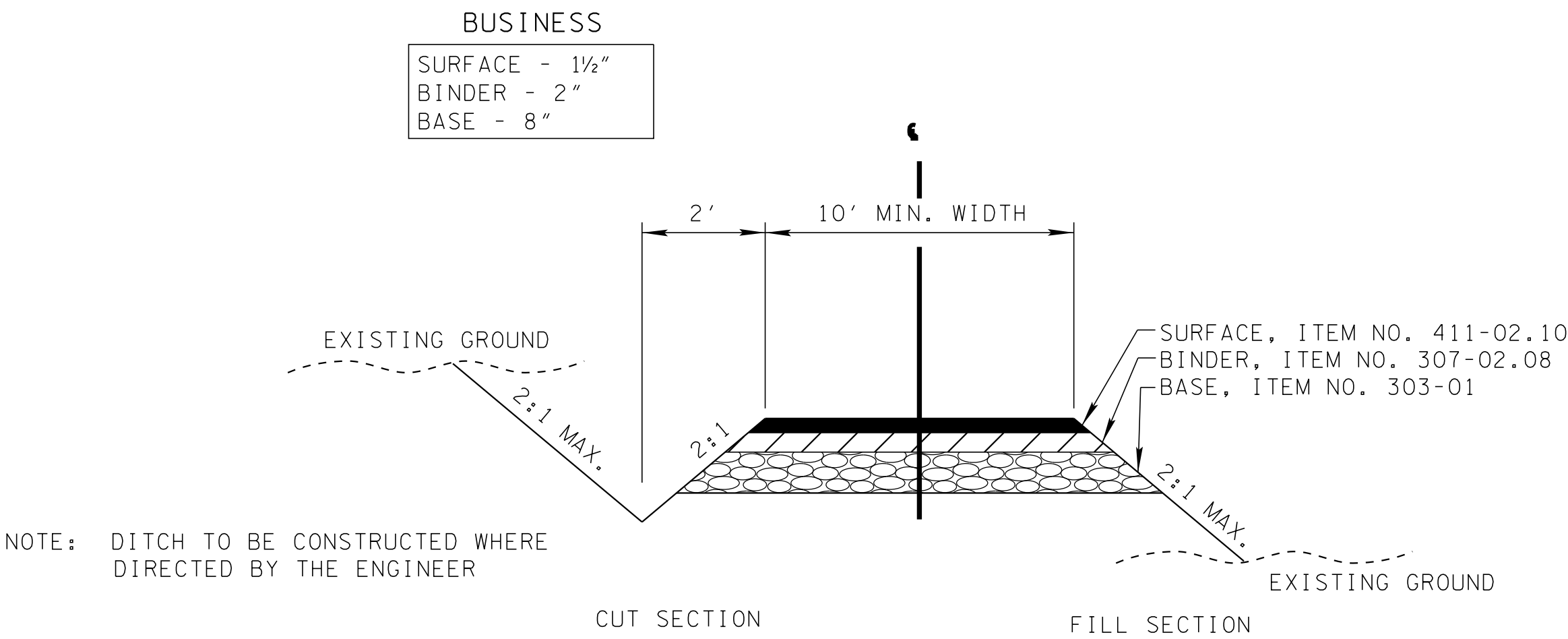


STANWICK DRIVE NORTH OF ROUNDABOUT 1
STANWICK DRIVE STA. 600+88.35 TO STA. 601+02.19

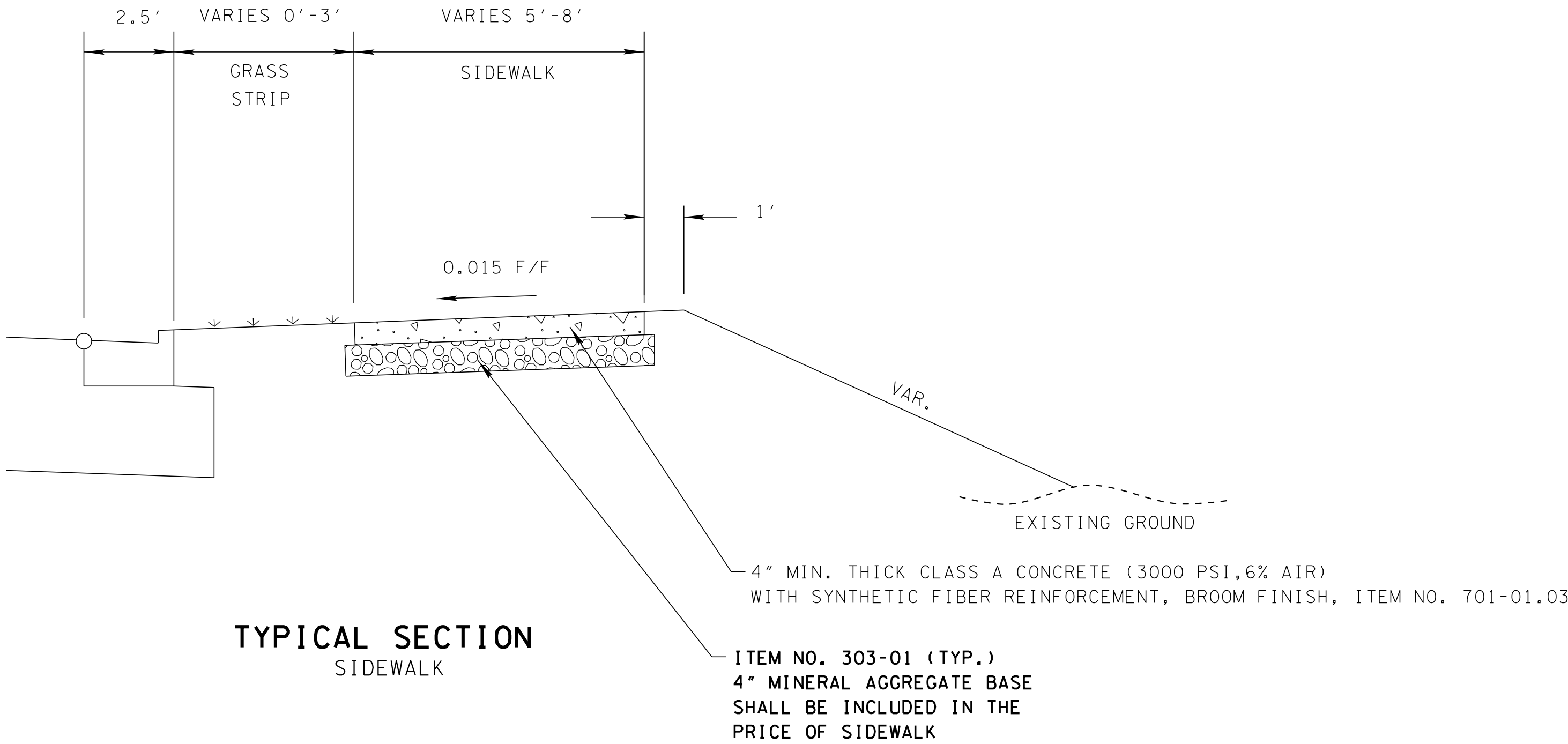
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SPECIAL DITCH TYPICAL



TYPICAL SECTION
PRIVATE DRIVE



TYPICAL SECTION
SIDEWALK

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

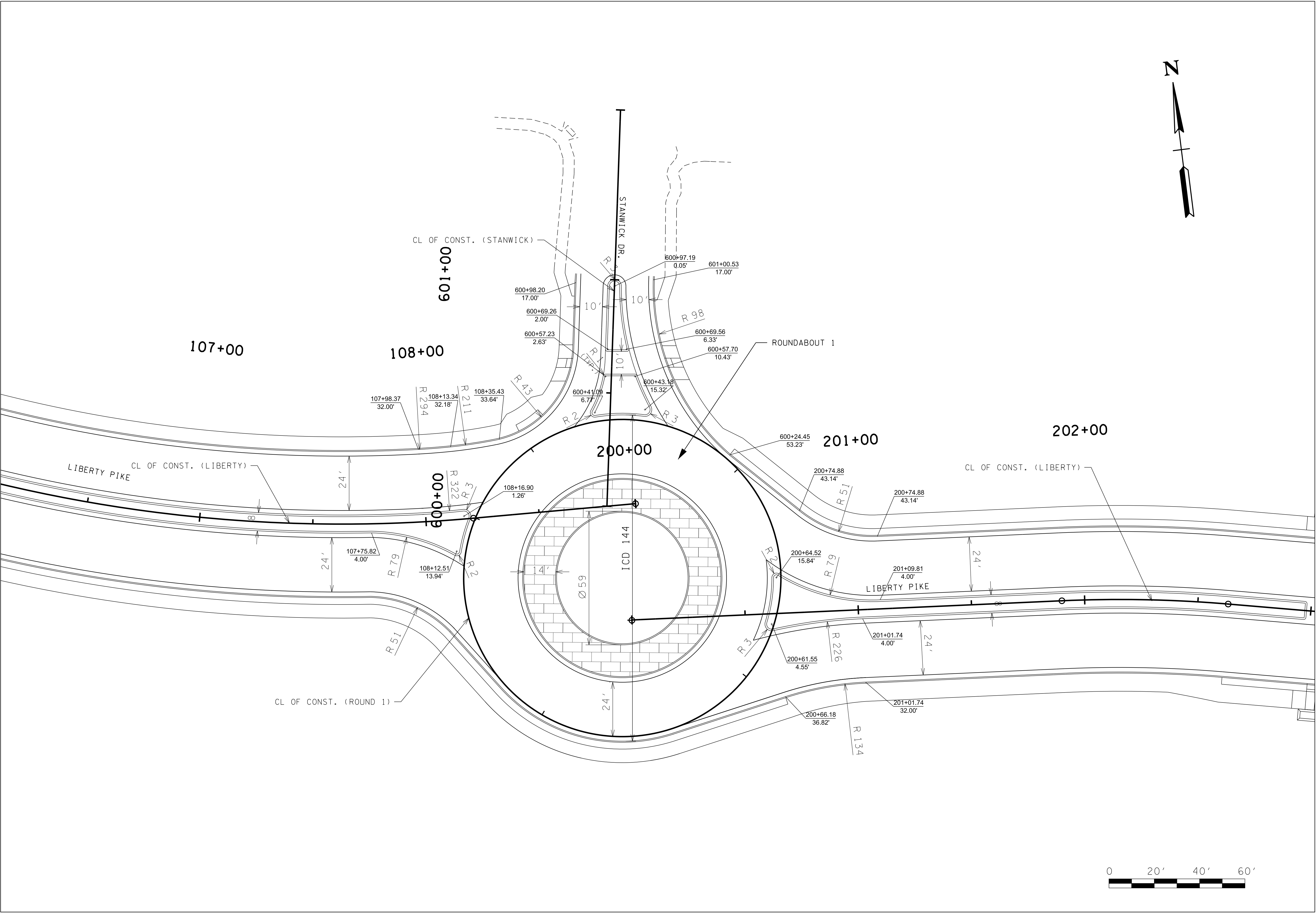
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YEAR: 2023

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Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

ROUNDABOUT DETAILS
(ROUNDABOUT 1)

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

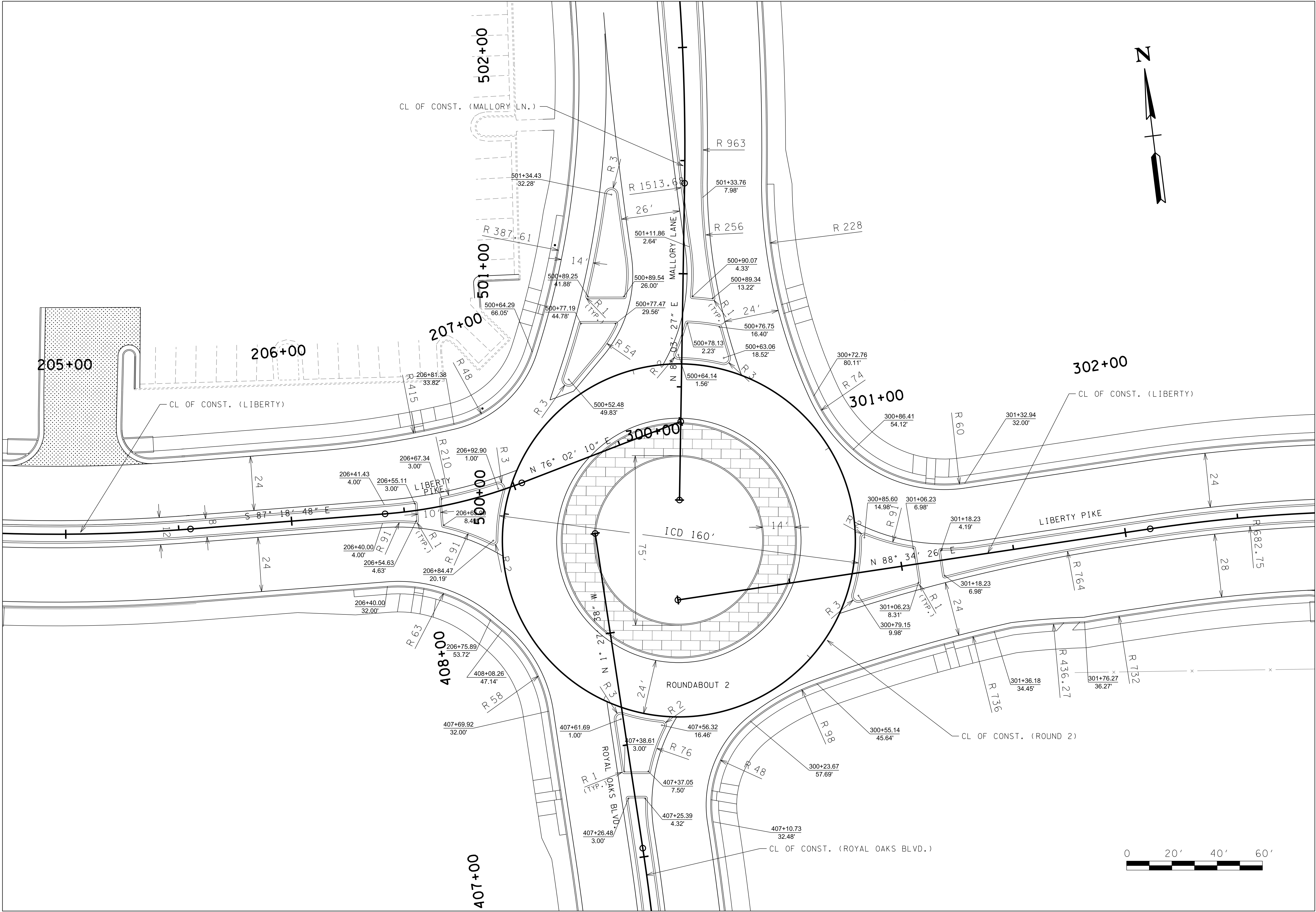
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SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F



REVISIONS		DESCRIPTION	
NO	DATE	BY	

ROUNDABOUT DETAILS
(ROUNDABOUT 2)

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

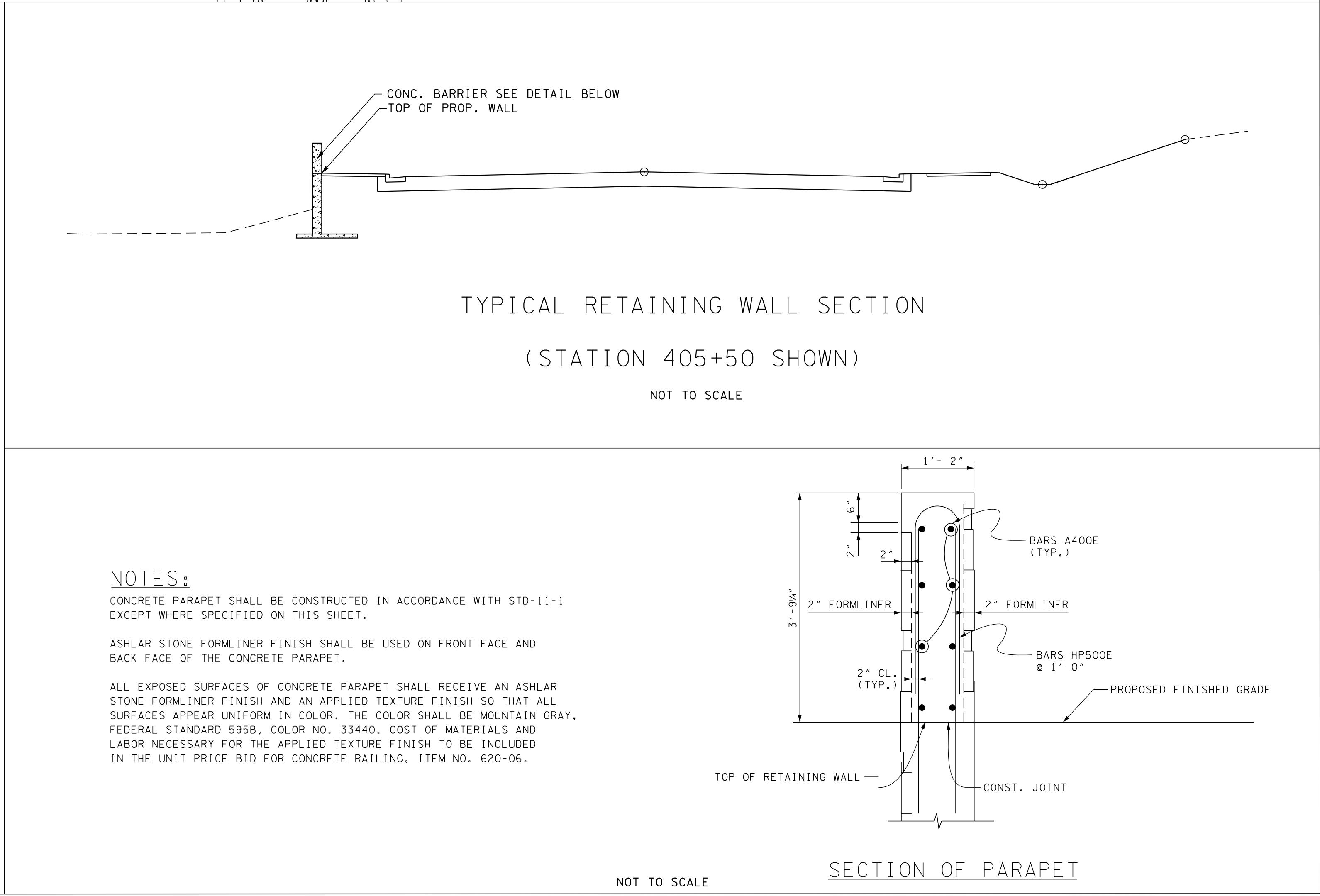
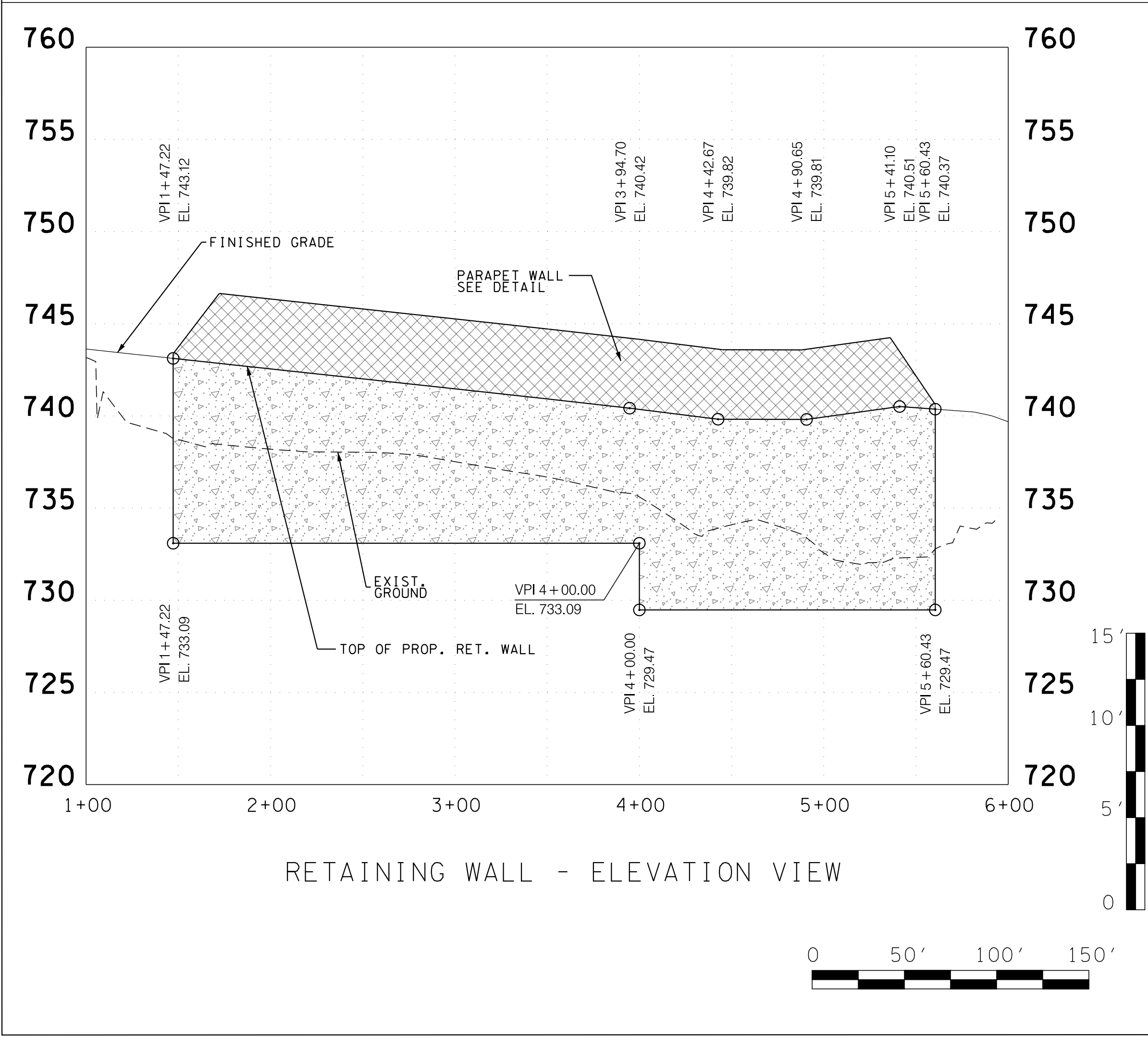
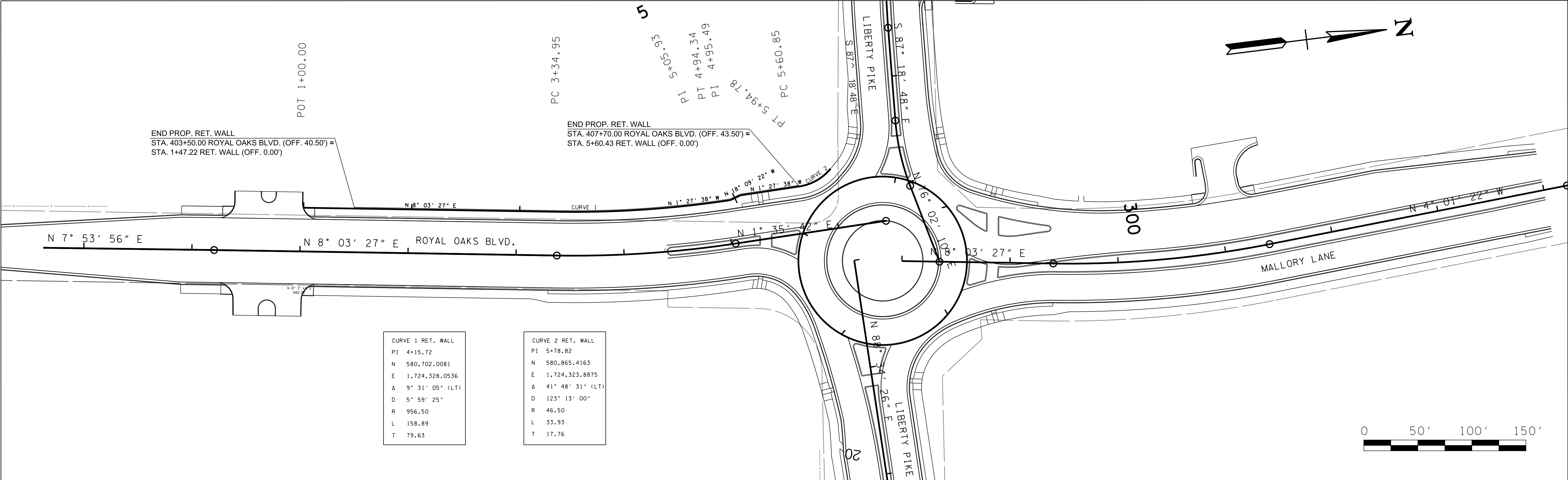
YEAR: 2023

SHEET NO: 2F2

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 135 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

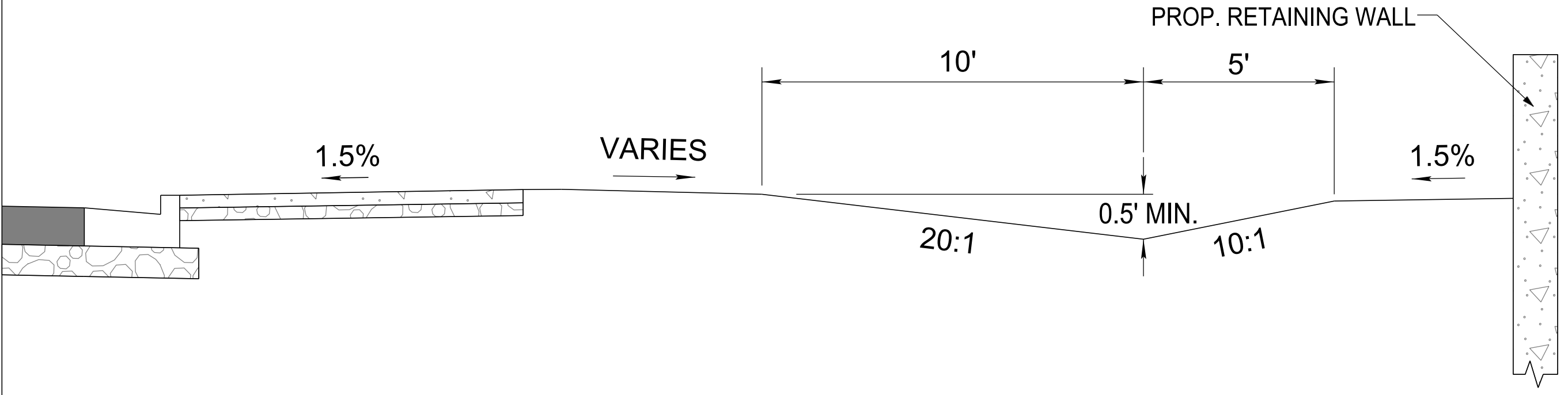
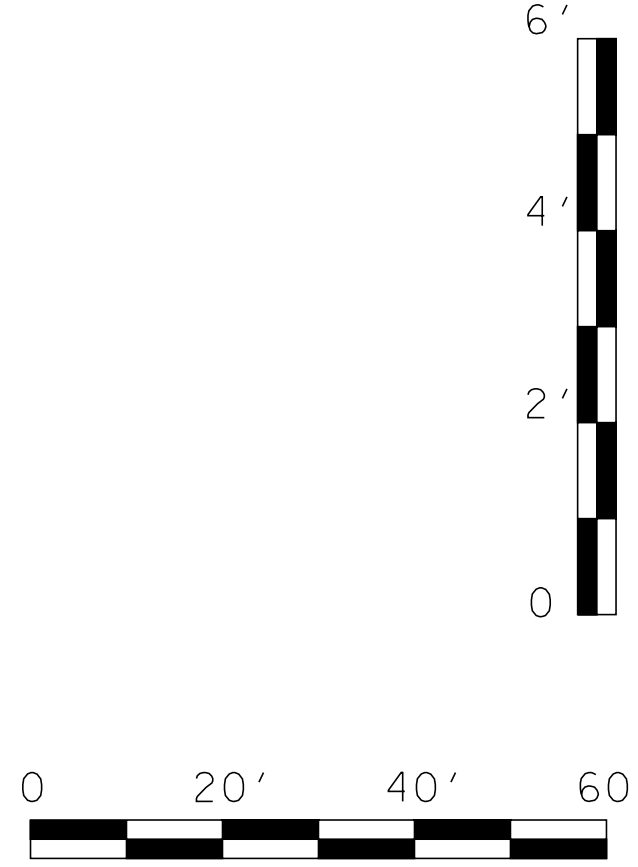
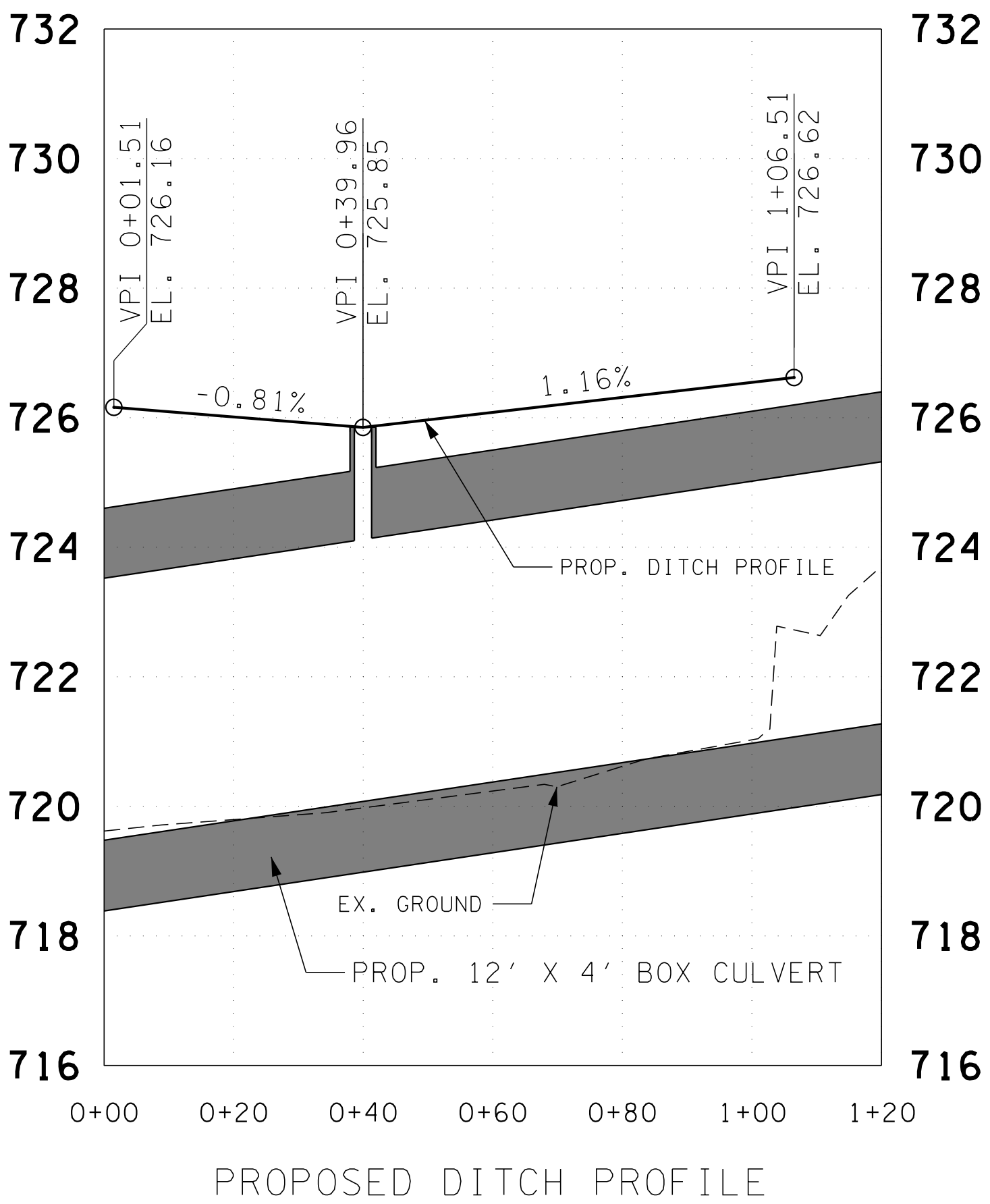
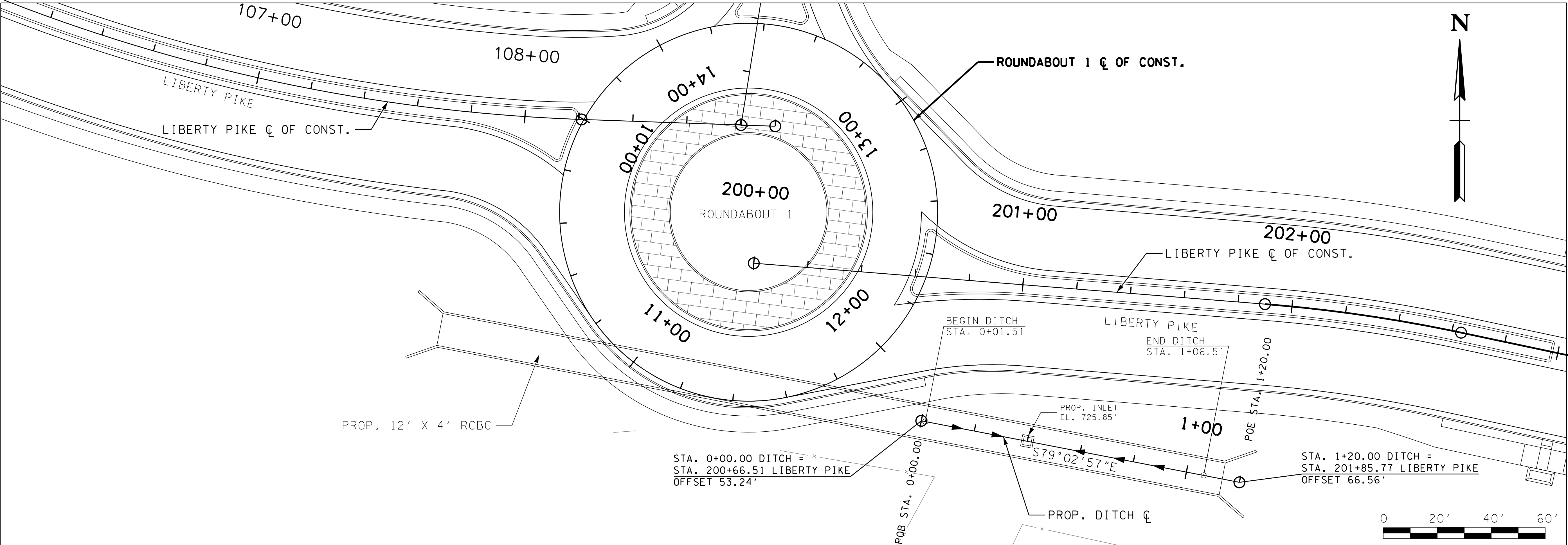
RETAINING WALL NO.2 DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F8



PROPOSED DITCH TYPICAL SECTION
(NOT TO SCALE)

REVISIONS		DESCRIPTION	
NO	DATE	BY	

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

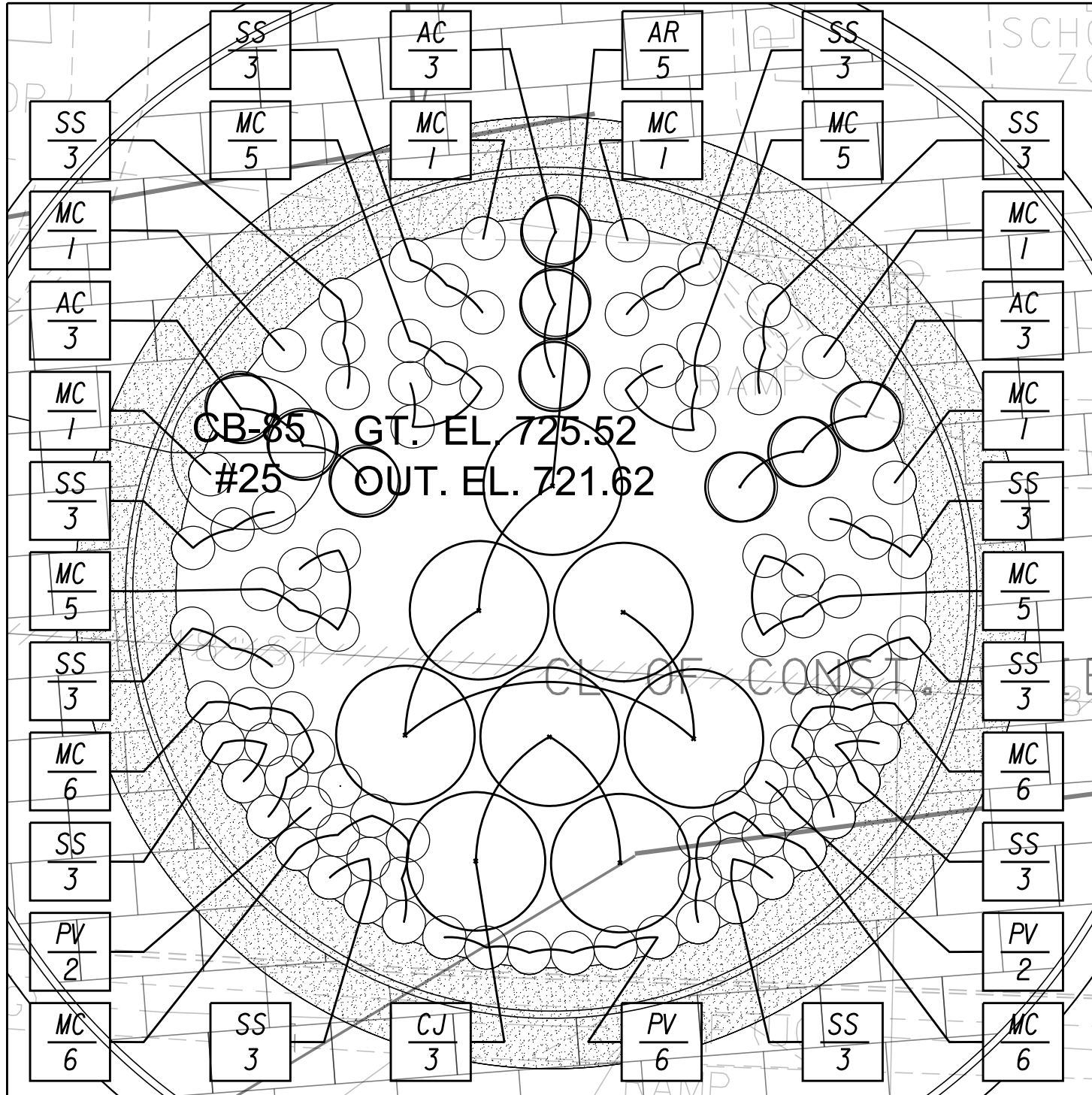
DITCH DETAIL SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

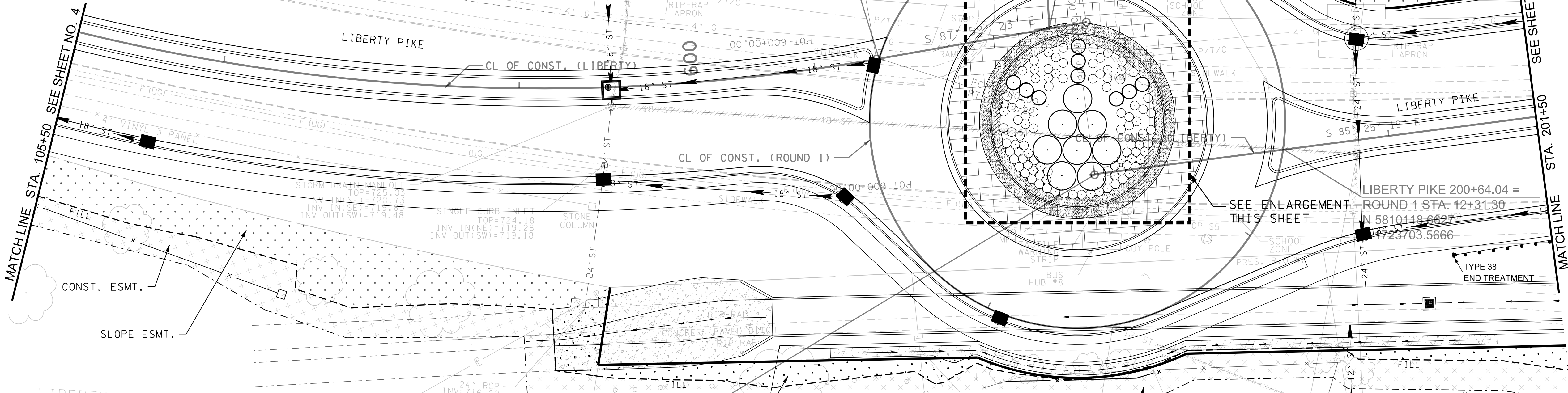
DATE: _____
 DESIGNED BY: _____
 DRAWN BY: _____
 SUPERVISED BY: _____
 CHECKED BY: _____

YEAR: 2023

SHEET NO:2F9



LIBERTY PIKE / STANWICK DRIVE ROUNDABOUT PLANTING PLAN



PLANTING SCHEDULE

ITEM #	SYMBOL	COMMON NAME	BOTANICAL NAME	CARE LEVEL	EXPECTED HEIGHT	EXPECTED SPREAD	LIGHT REQUIREMENTS	TOTAL QUANTITY	SIZE AT INSTALLATION	5D	7D
	AR	Red Maple	Acer rubrum		30 - 45	30 - 50	○	003	2.5" CALIPER	03	
	AC	Serviceberry	Ameleanchier canadensis		15 - 25	15 - 20	○ ●	015	2.5" CALIPER	06	09
	HT	Carolina Silverbell	Halesia tetraptera		20 - 30	20 - 35	○ ●	012	2.5" CALIPER	03	09
	CJ	Japoneese Cleyera	Cleyera japonica		10-15	8 - 10	○ ●	008	2.5" CALIPER	05	03
	MC	Muhly Grass	Muhlenbergia capallaris		3 - 4	2 - 3	○ ●	072	1 GALLON	36	36
	SS	Little Blue Stem	Schizachyrium scoparium		2 - 3	1 - 2	○	116	1 GALLON	50	66
	PV	Switchgrass	Panicum virgatum		5 - 7	2 - 3	○ ●	040	1 GALLON	10	30

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LANDSCAPE PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

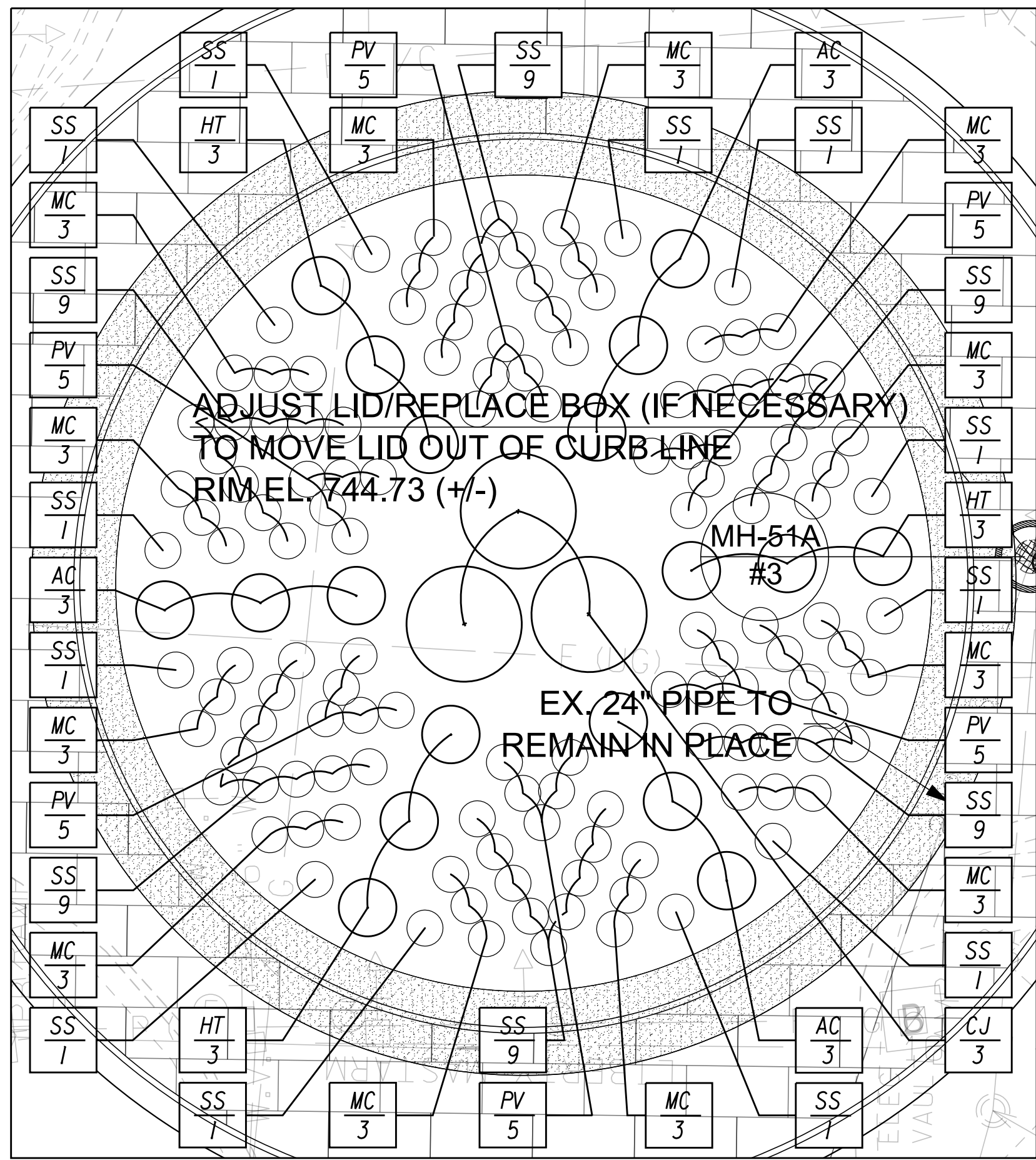
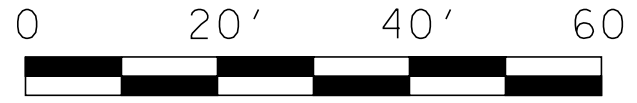
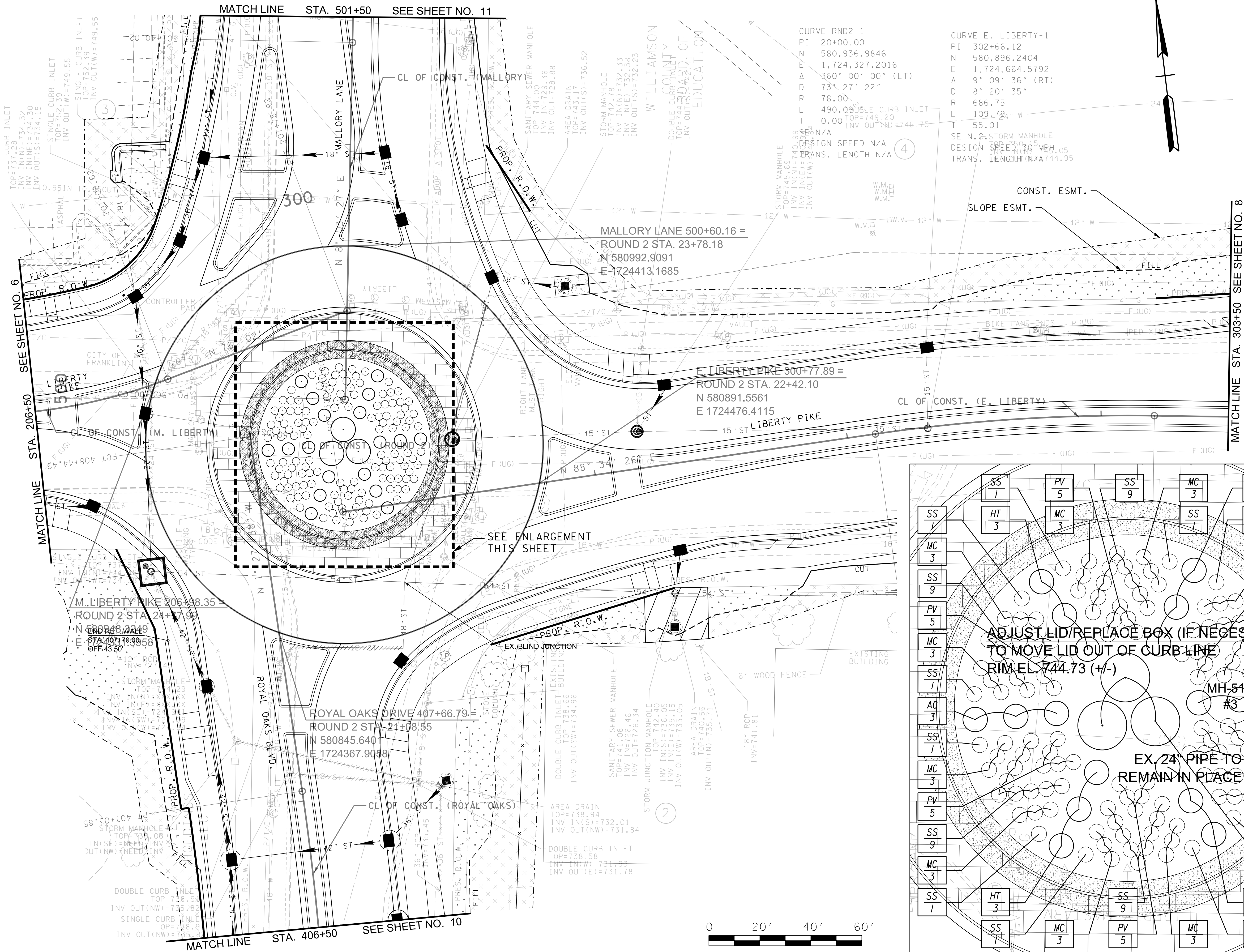
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:2G



LIBERTY PIKE / MALLORY LANE ROUNDABOUT PLANTING PLAN

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LANDSCAPE PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2H

RIGHT - OF - WAY NOTES

- (1) ALL RAMPS MUST CONFORM TO TDOT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, TDOT STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.
- (2) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (3) ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

UTILITIES

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONSTRCTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS, AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS.

UTILITY OWNERS

TELEPHONE:
AT&T
333 COMMERCE ST ROOM 23C142
NASHVILLE, TN 37201
ATTN: KIM BEAN
O: 615-214-7318
C: 615-955-0653
EMAIL: KB1078@att.com

CABLE TV:
COMCAST CABLE/XFINITY
2501 MCGAVOK PIKE
NASHVILLE, TN 37214
ATTN: LARRY K WINBURN
O: 615-244-7462
C: 615-295-9069
EMAIL: larrywinburn@cable.comcast.com

ELECTRIC:
M.T.E.M.C.
555 NEW SALEM RD
MURFREESBORO, TN 37129
ATTN: MATHUE BEAN
O: 615-494-1572
EMAIL: mbean@mtemc.com

WATER:

CITY OF FRANKLIN WATER MANAGEMENT
124 LUMBER DRIVE
FRANKLIN, TN 37064
ATTN: BRIAN GOODWIN
O: 615-794-4554
EMAIL: brian.goodwin@franklin.tn.gov

MALLORY VALLEY UTILITY
465 DULKE DR
FRANKLIN, TN 37067
ATTN: JENNY CLARKE
O: 615-628-0237
C: 615-628-0241
EMAIL: jclarke@mvud.org

GAS:

ATMOS ENERGY
810 CRESCENT CENTRE D
SUITE 600
FRANKLIN, TN 37067
ATTN: ABBY DAVIS
O: 615-771-8369
EMAIL: Abby.Davis@atmosenergy.com

FIBER OPTIC:
CENTURY LINK
1025 ELDORADO BLVD, 43C-420
BROOMFIELD, CO 80021
ATTN: PATRICK PROVOST
O: 720-888-4686
EMAIL: patrick.provost@level3.com

MCI ALSO LISTED ON THE TN ONE
CALL LIST TICKET #200145552.
NO CONTACT INFORMATION FOUND.

CITY OF FRANKLIN IT
109 3RD AVE SOUTH
FRANKLIN, TN 37064
ATTN: MIKE PROCTOR
O:615-550-6604
C:615-289-1036
EMAIL: MikeP@franklin.tn.gov

SANITARY SEWER:
CITY OF FRANKLIN WATER MANAGEMENT
124 LUMBER DRIVE
FRANKLIN, TN 37064
ATTN: BRIAN GOODWIN
O: 615-794-4554
EMAIL: brian.goodwin@franklin.tn.gov

REVISONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. NOTES AND UTILITY OWNERS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

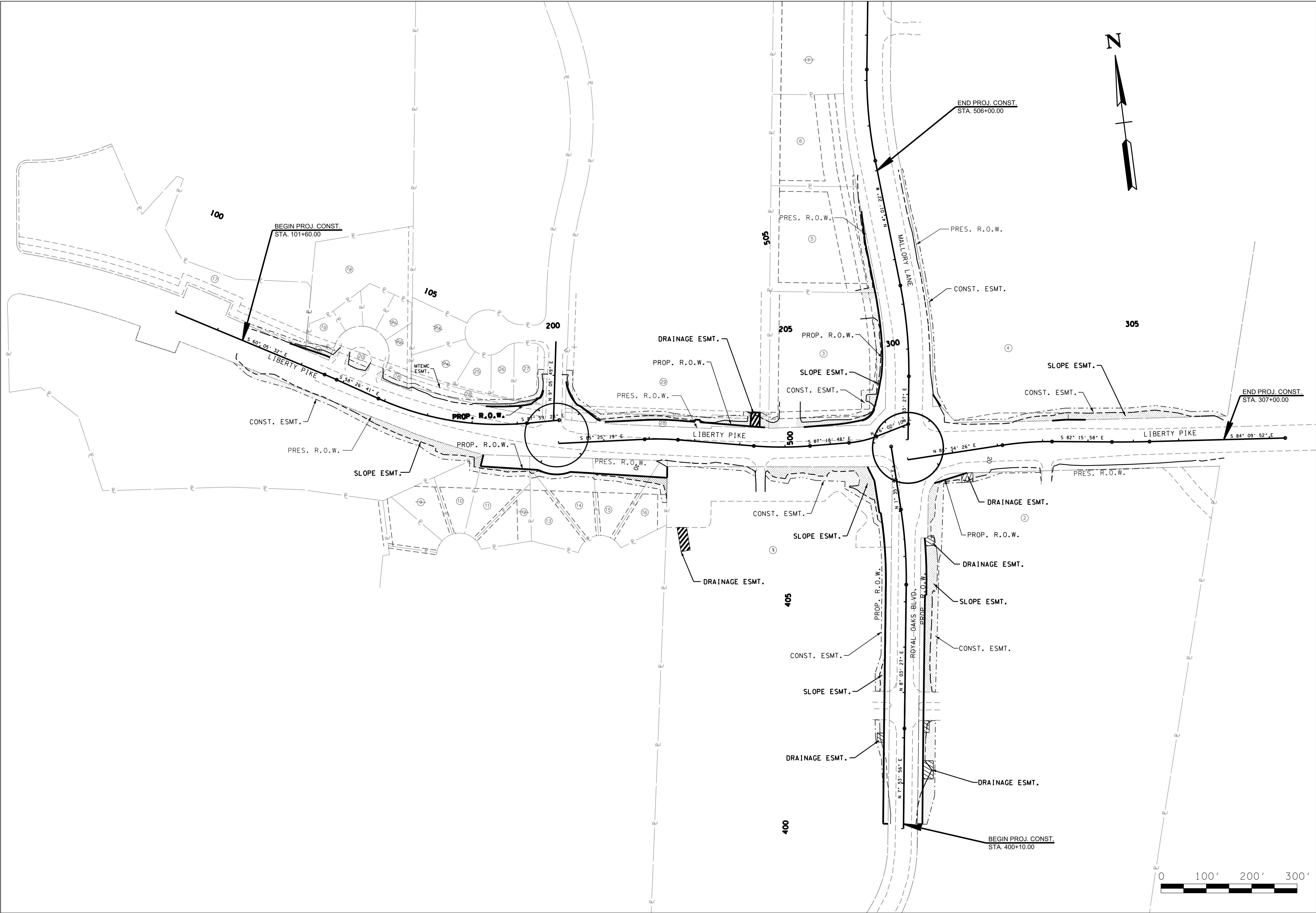
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 3



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPERTY MAP

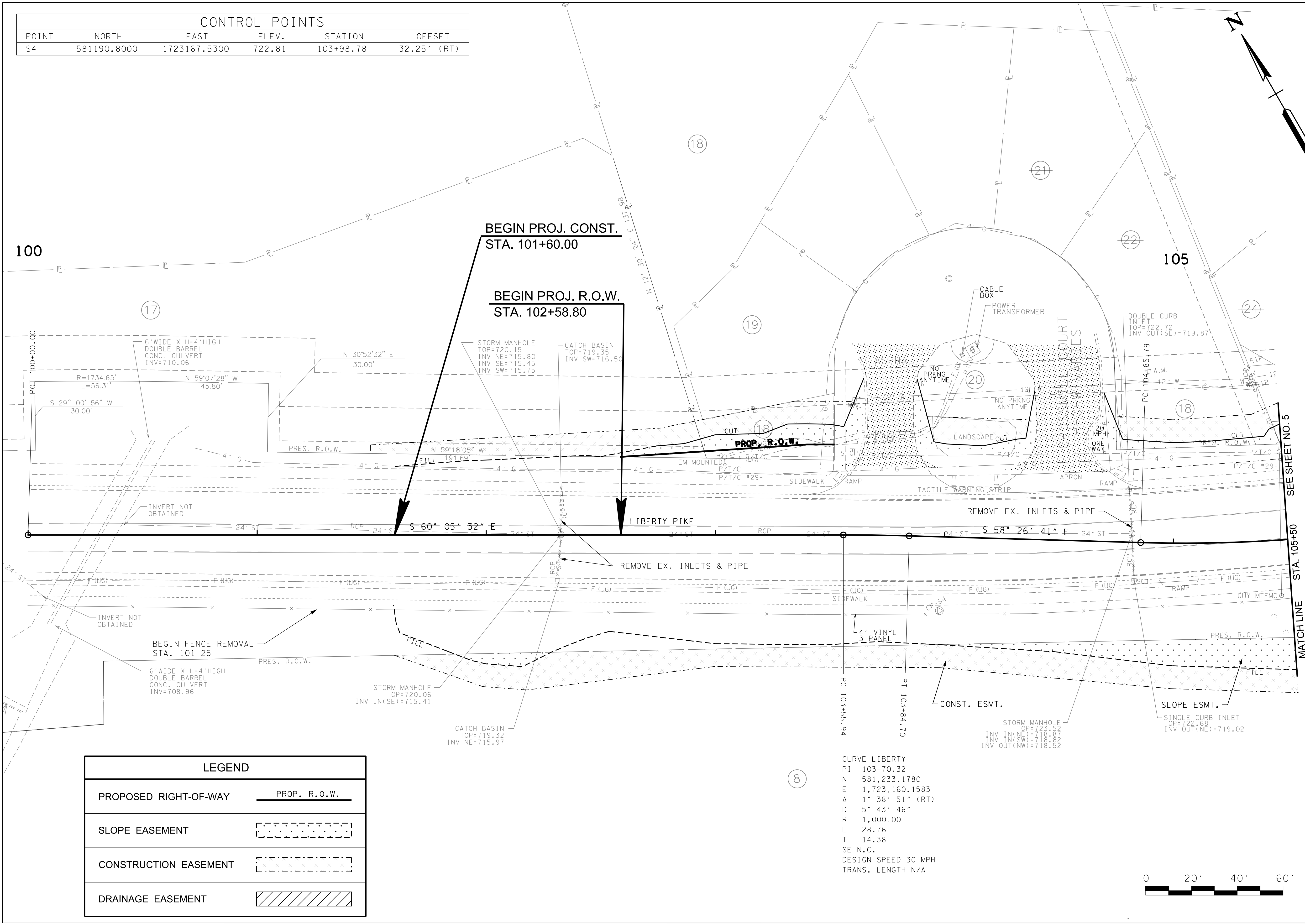
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 3B

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S4	581190.8000	1723167.5300	722.81	103+98.78	32.25' (RT)



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

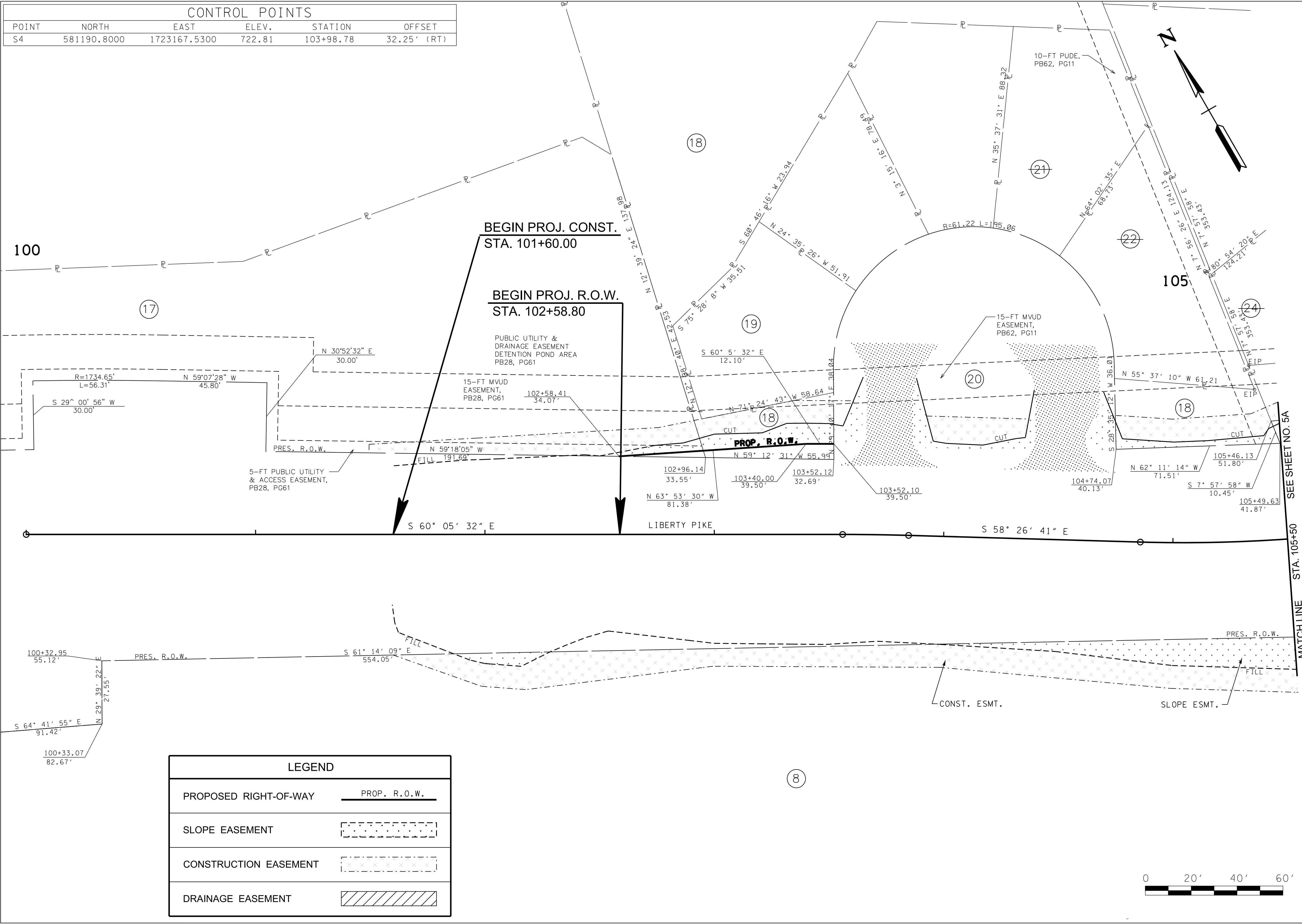
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 4

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S4	581190.8000	1723167.5300	722.81	103+98.78	32.25' (RT)



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

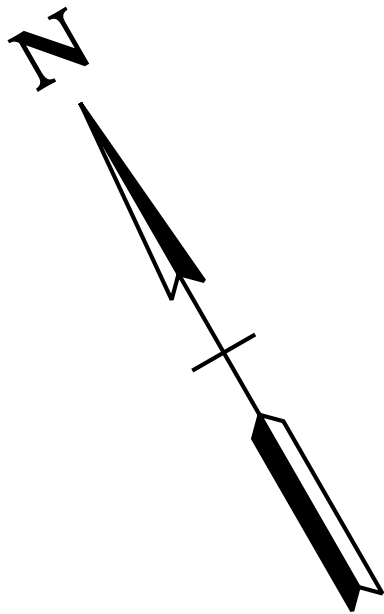
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 4A

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

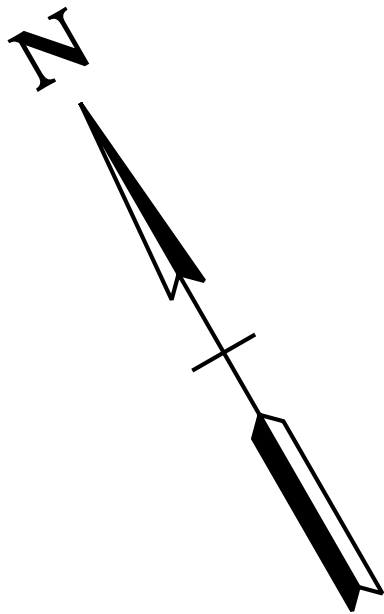
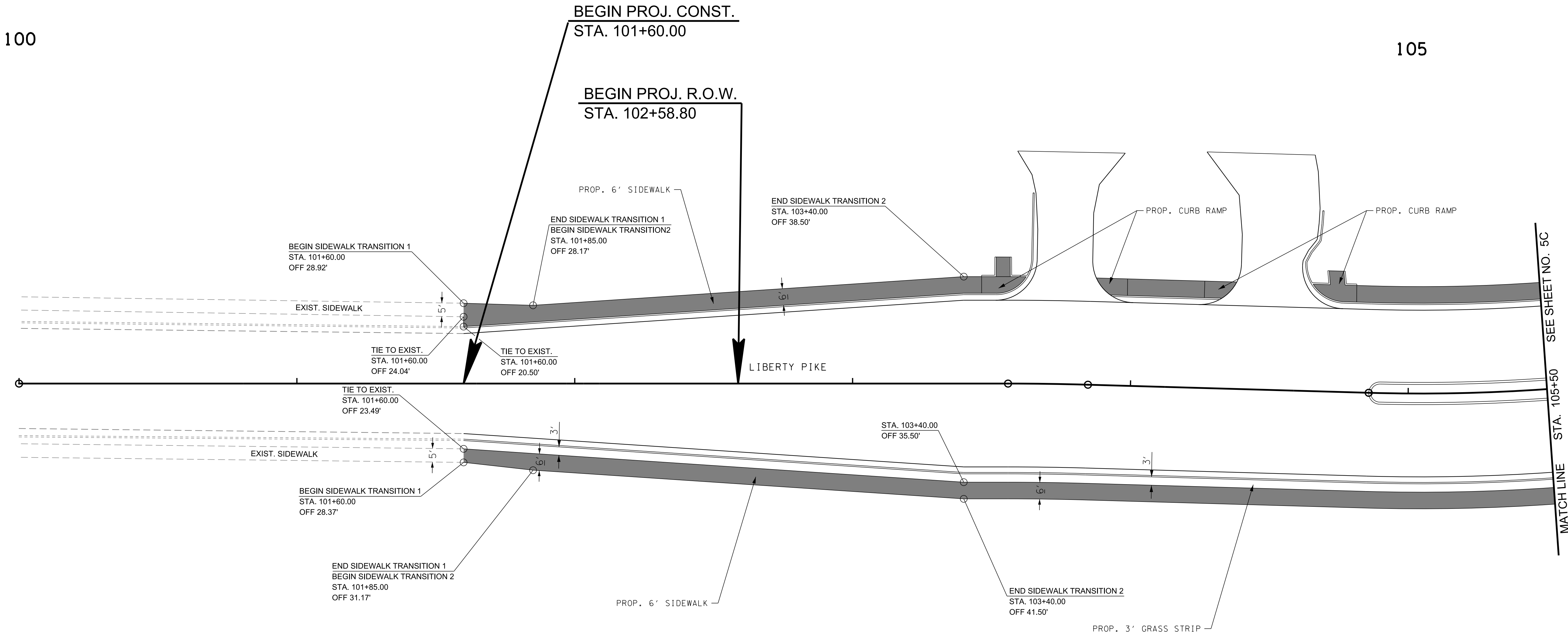
CHECKED BY: _____

YEAR: 2023

SHEET NO: 4B

100

105



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

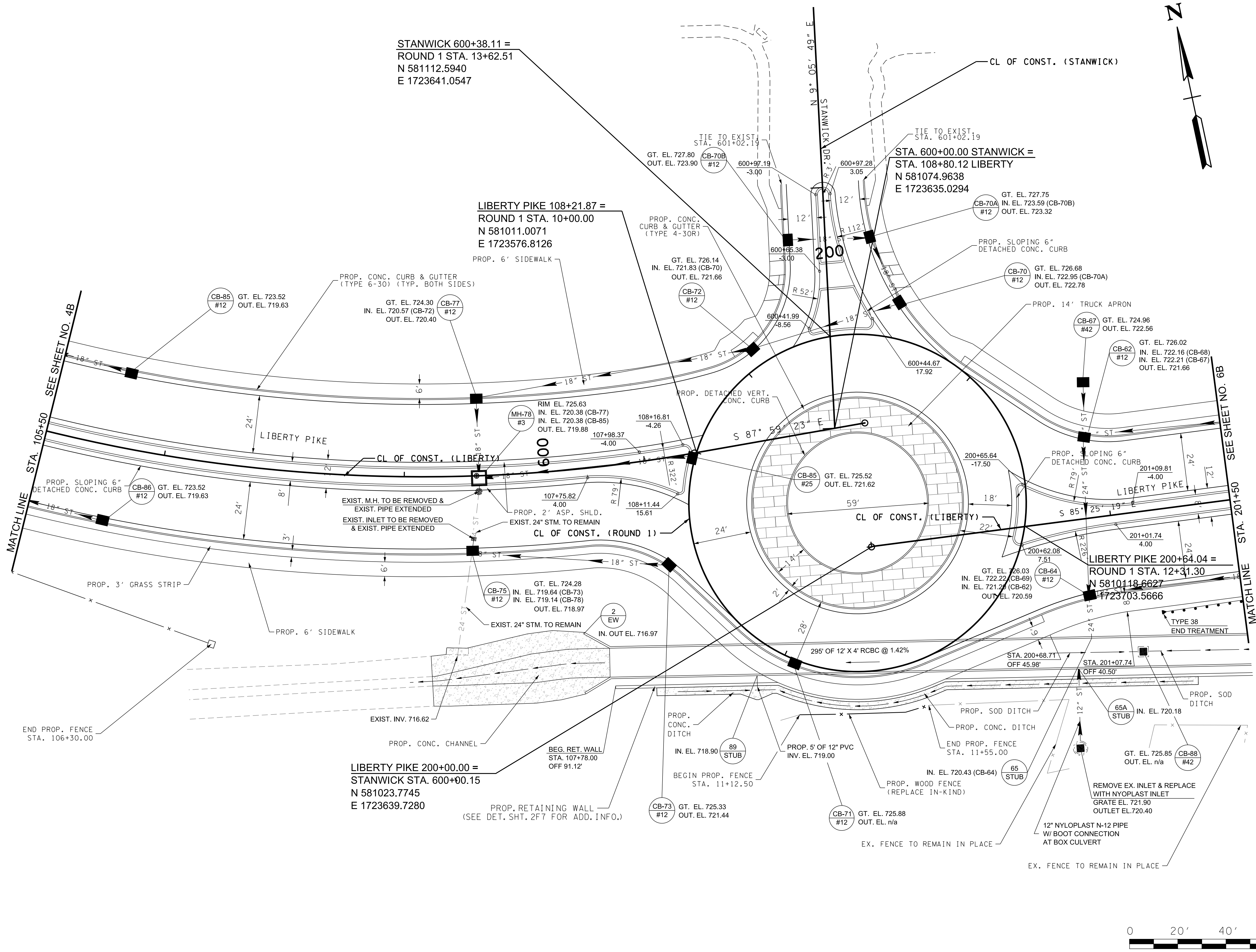
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 4C



REVISIONS		DESCRIPTION	
NO	DATE	BY	

PROPOSED LAYOUT

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

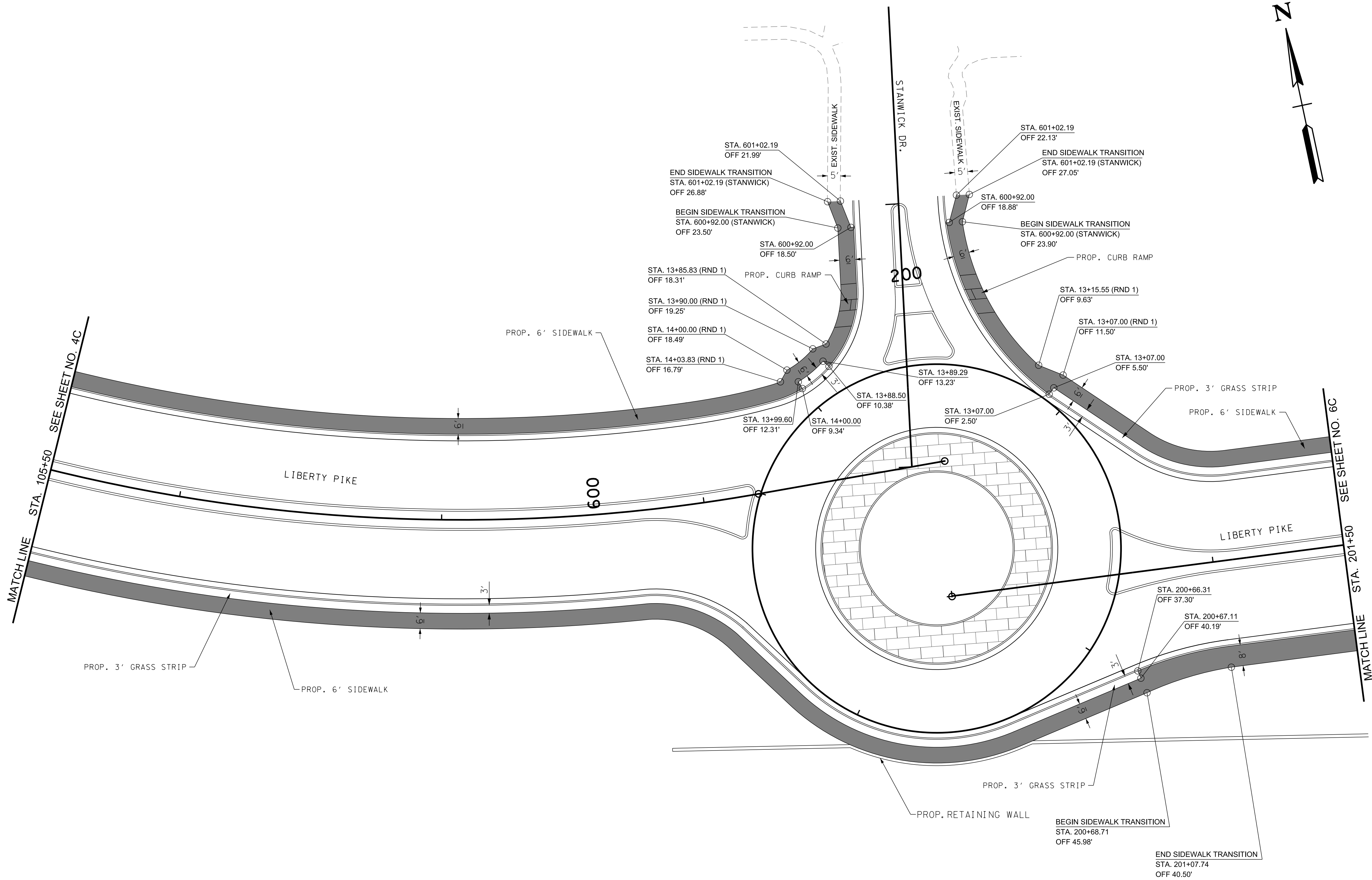
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:5B

Page 150 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

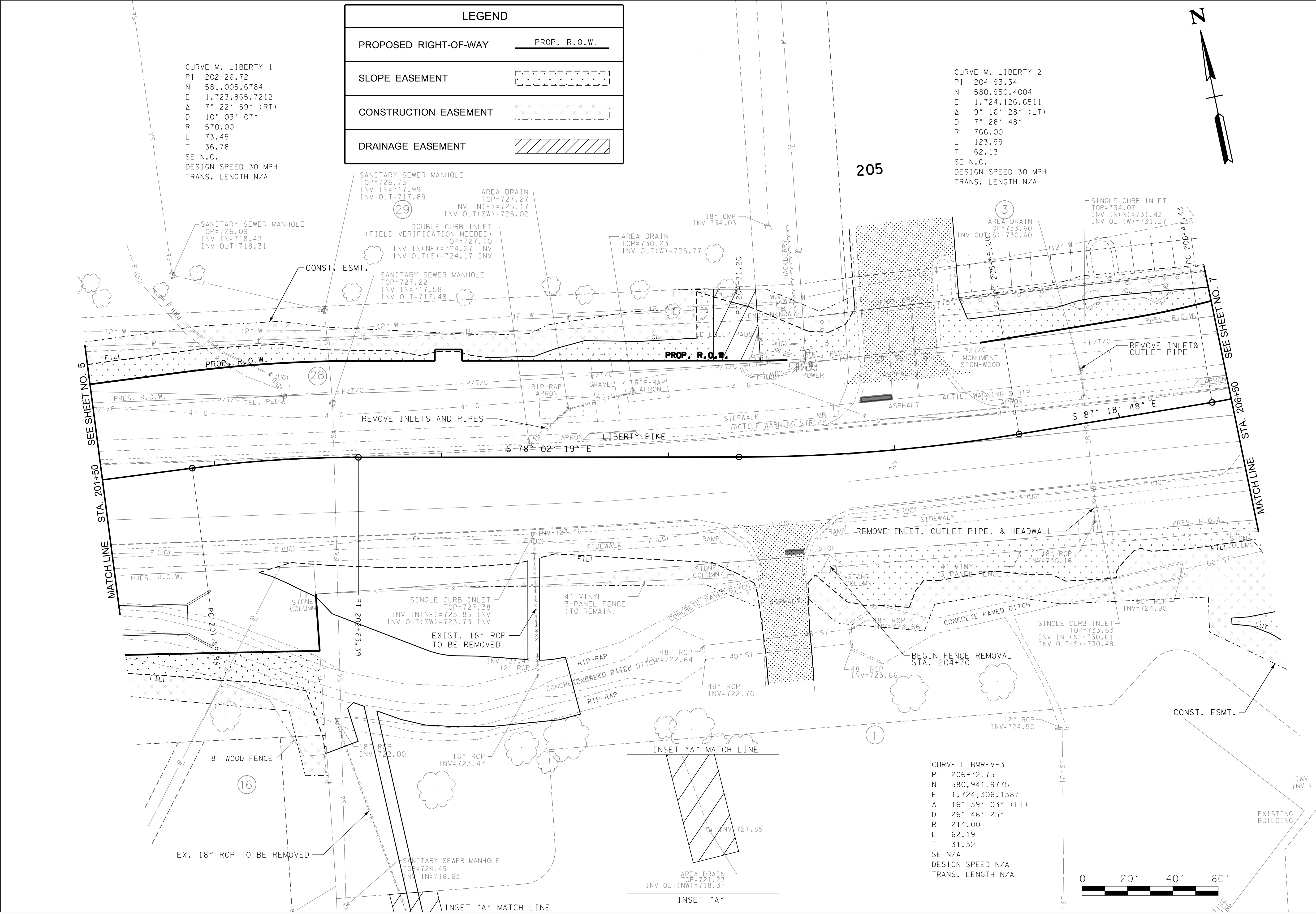
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:5C



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

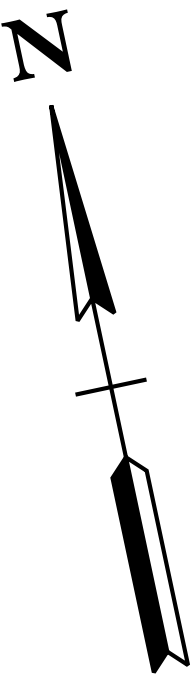
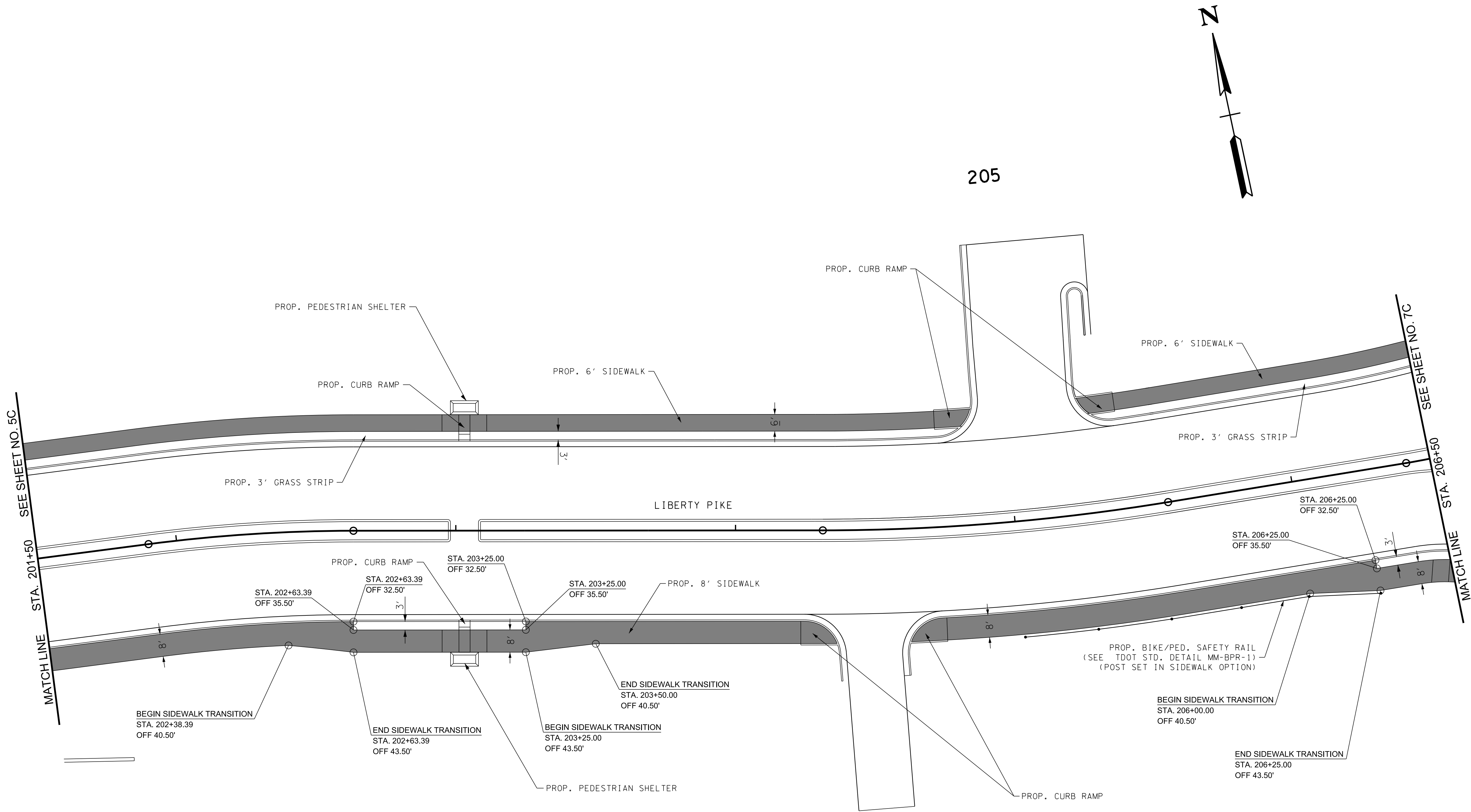
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 6



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

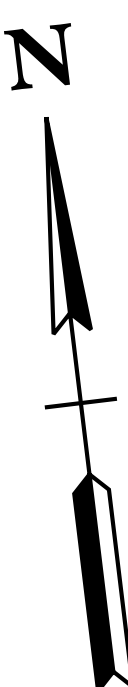
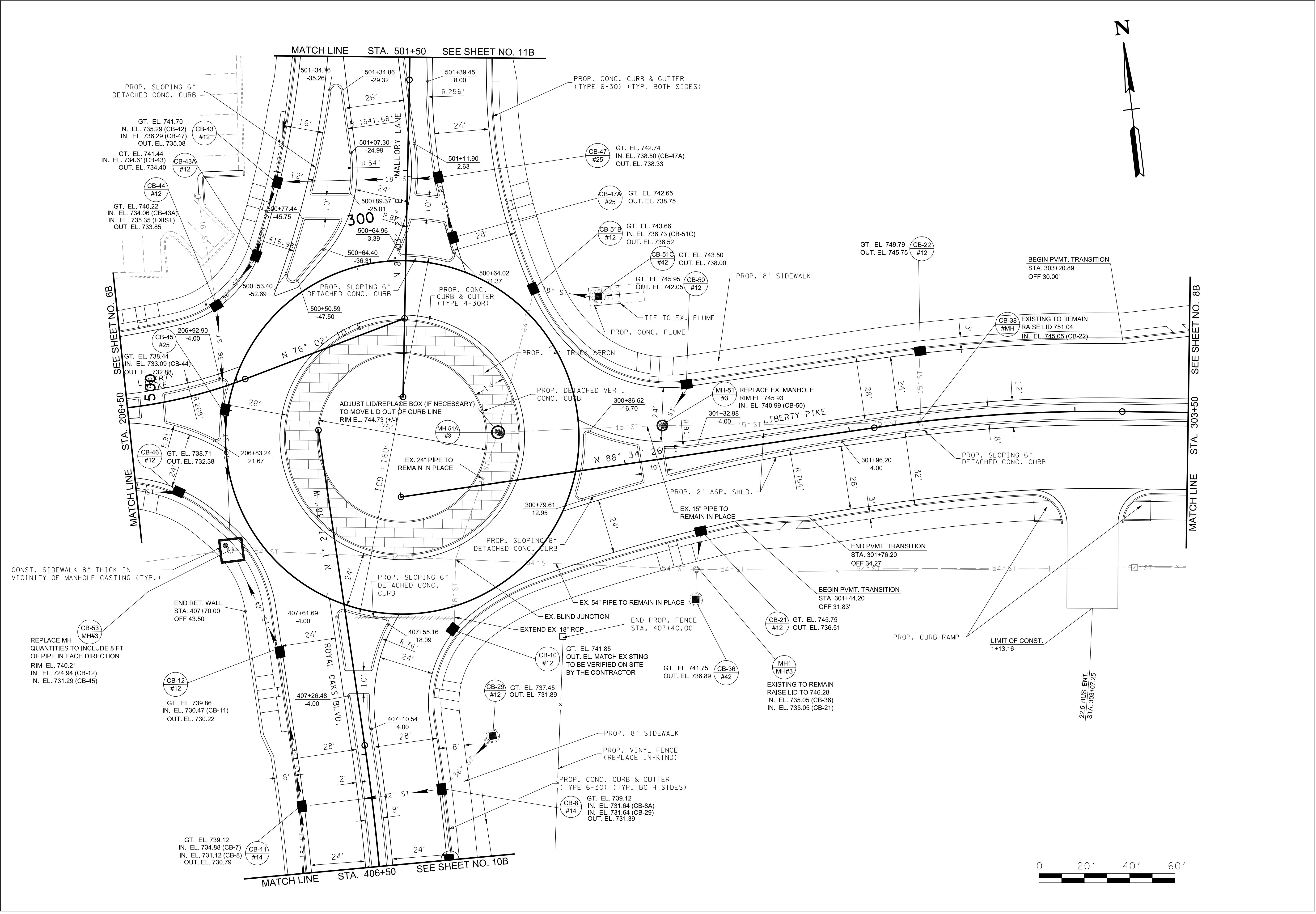
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 6C

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S11	580775.4112	1724357.3448	739.42	406+96.77	12.32' (LT)
S3	581004.4300	1724468.8400	744.52	500+79.37	53.51' (RT)



REVISIONS		DESCRIPTION	
NO	DATE	BY	

PROPOSED LAYOUT

MALLERY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

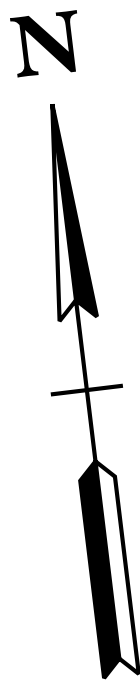
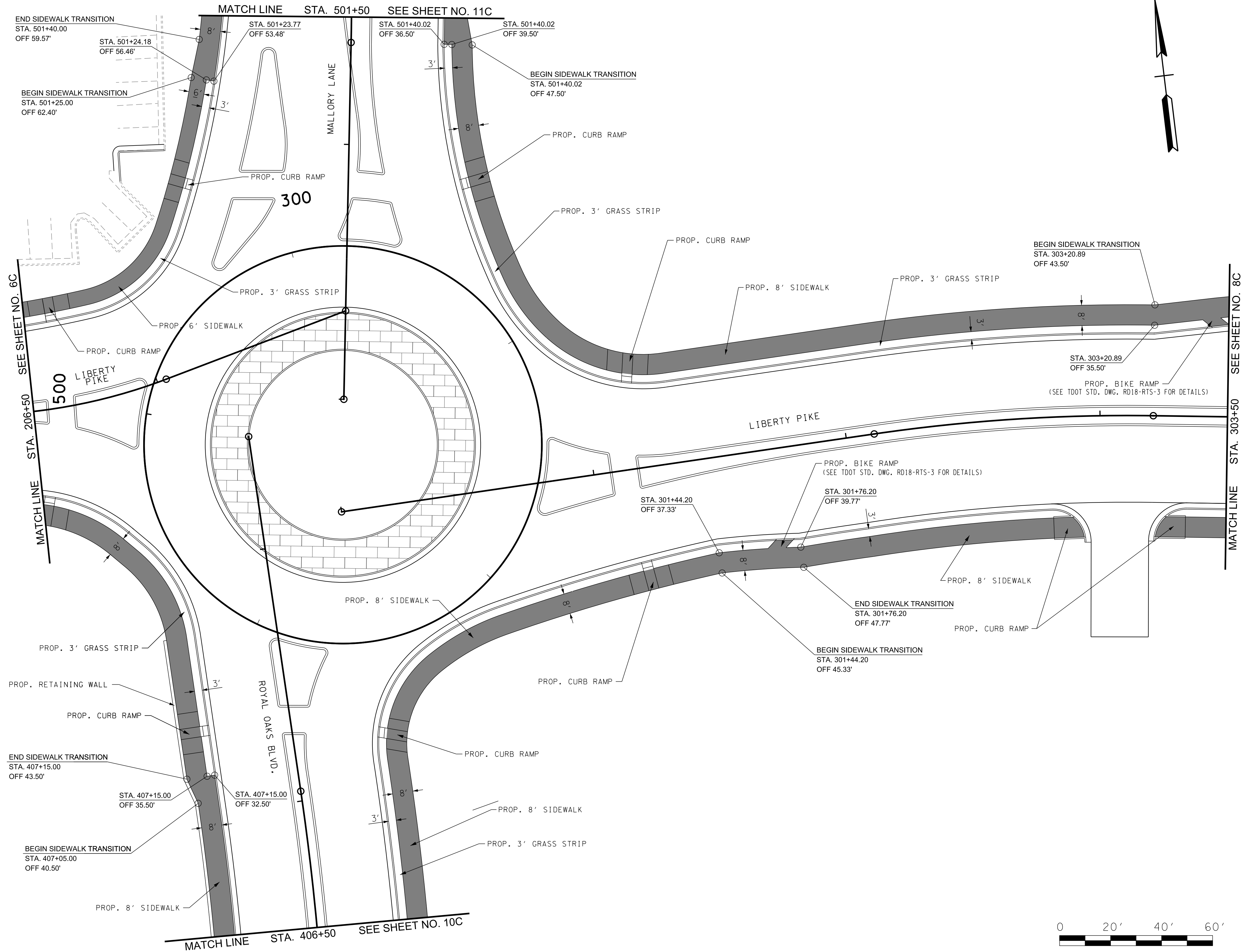
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 7B



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

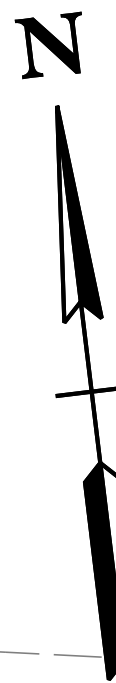
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 7C

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S7	580834.4100	1724845.6700	757.86	304+53.63	36.90' (RT)

CURVE E. LIBERTY-2
PI 304+94.24
N 580,865.5097
E 1,724,890.8612
Δ 1° 53' 54" (LT)
D 2° 17' 31"
R 2,500.00
L 82.83
T 41.42
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A



REVIEWS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

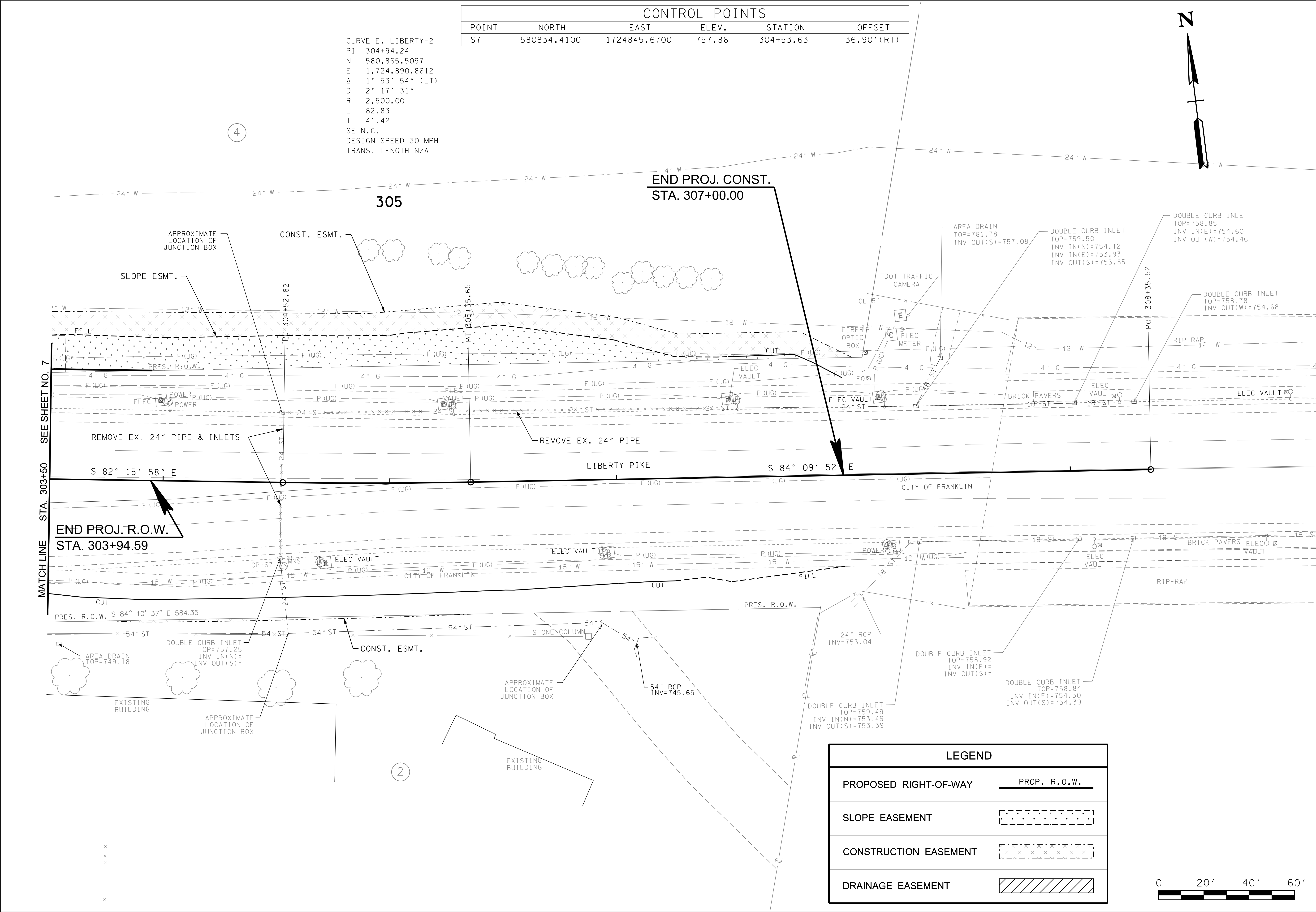
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CHECKED BY: _____

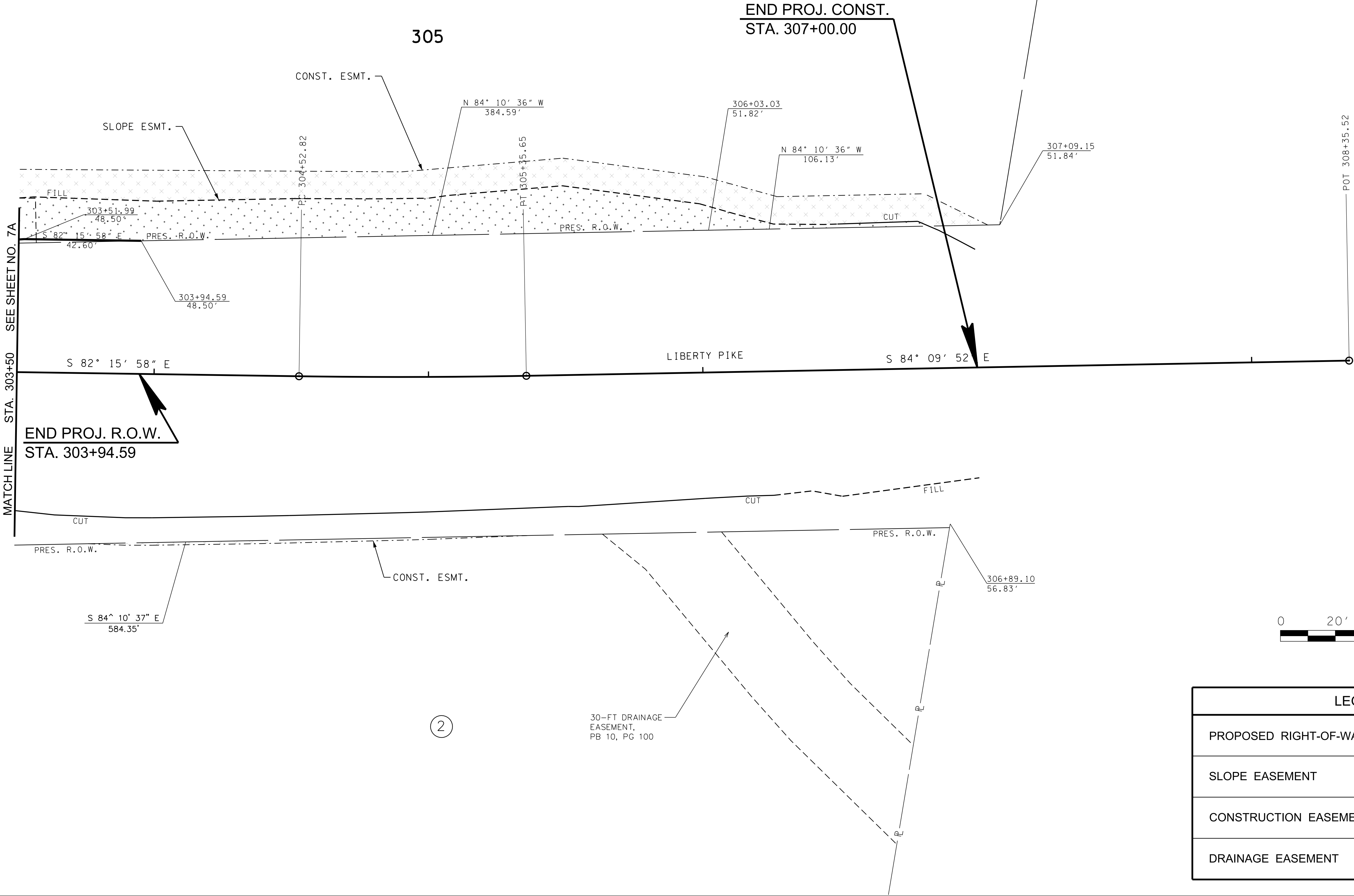
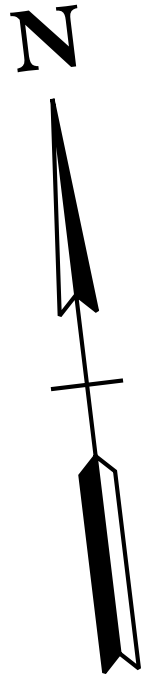
YEAR: 2023

SHEET NO: 8



CURVE E. LIBERTY-2
PI 304+94.24
N 580,865.5097
E 1,724,890.8612
Δ 1° 53' 54" (LT)
D 2° 17' 31"
R 2,500.00
L 82.83
T 41.42
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S7	580834.4100	1724845.6700	757.86	304+53.63	36.90' (RT)



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

REVISONS		DESCRIPTION	
NO	DATE	BY	

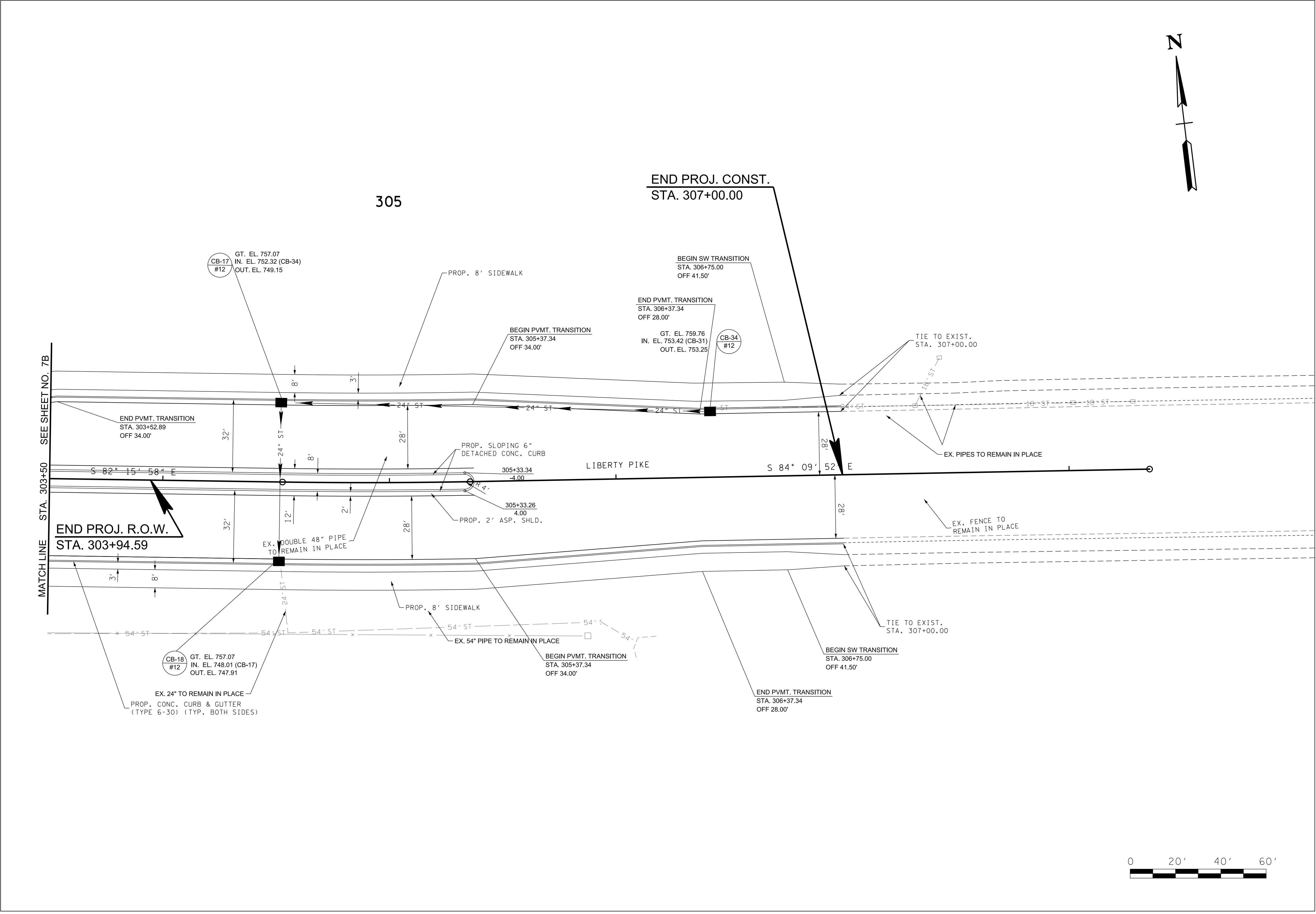
Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 8A



REVISIONS

NO.	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

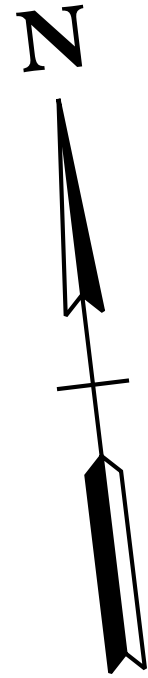
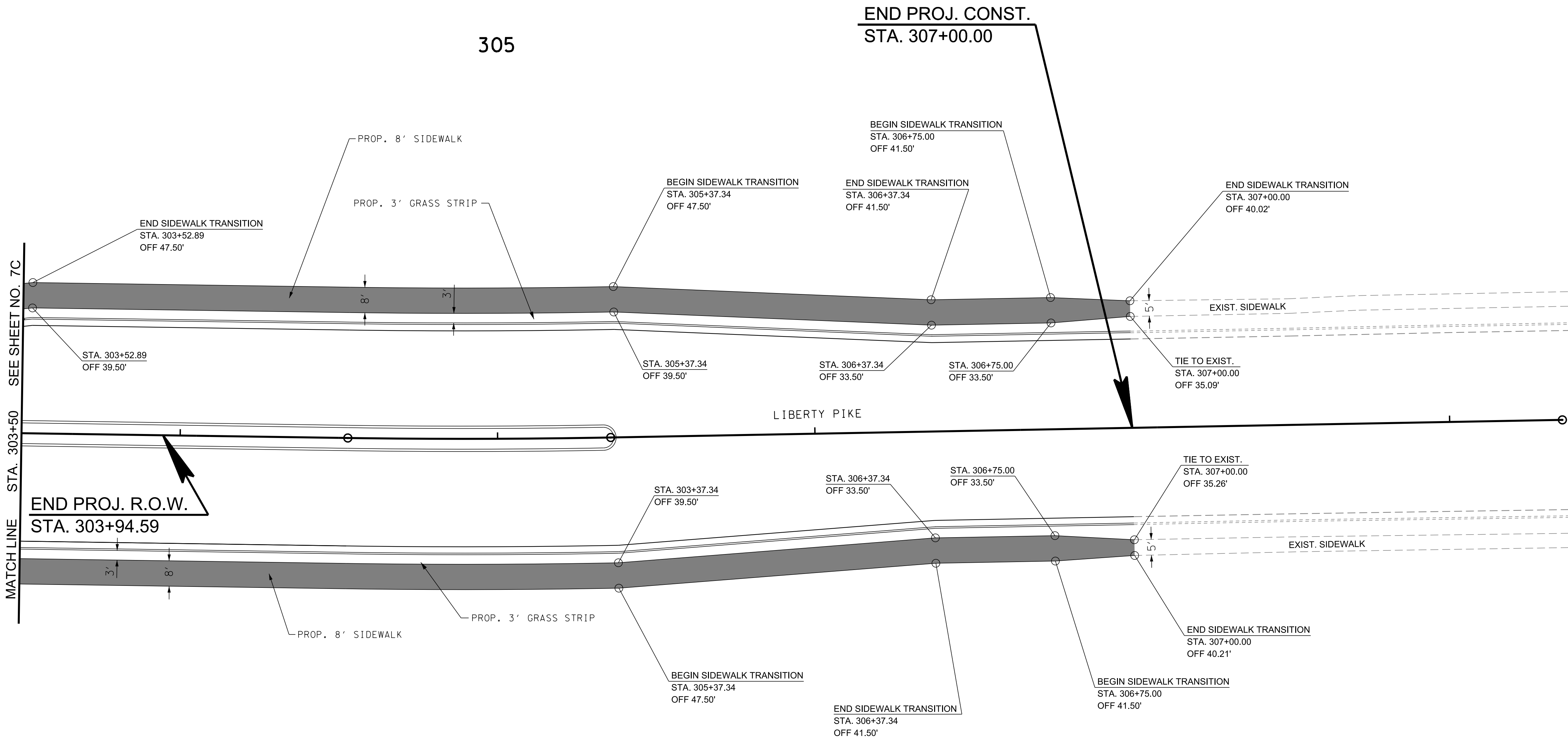
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 8B

Page 162 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

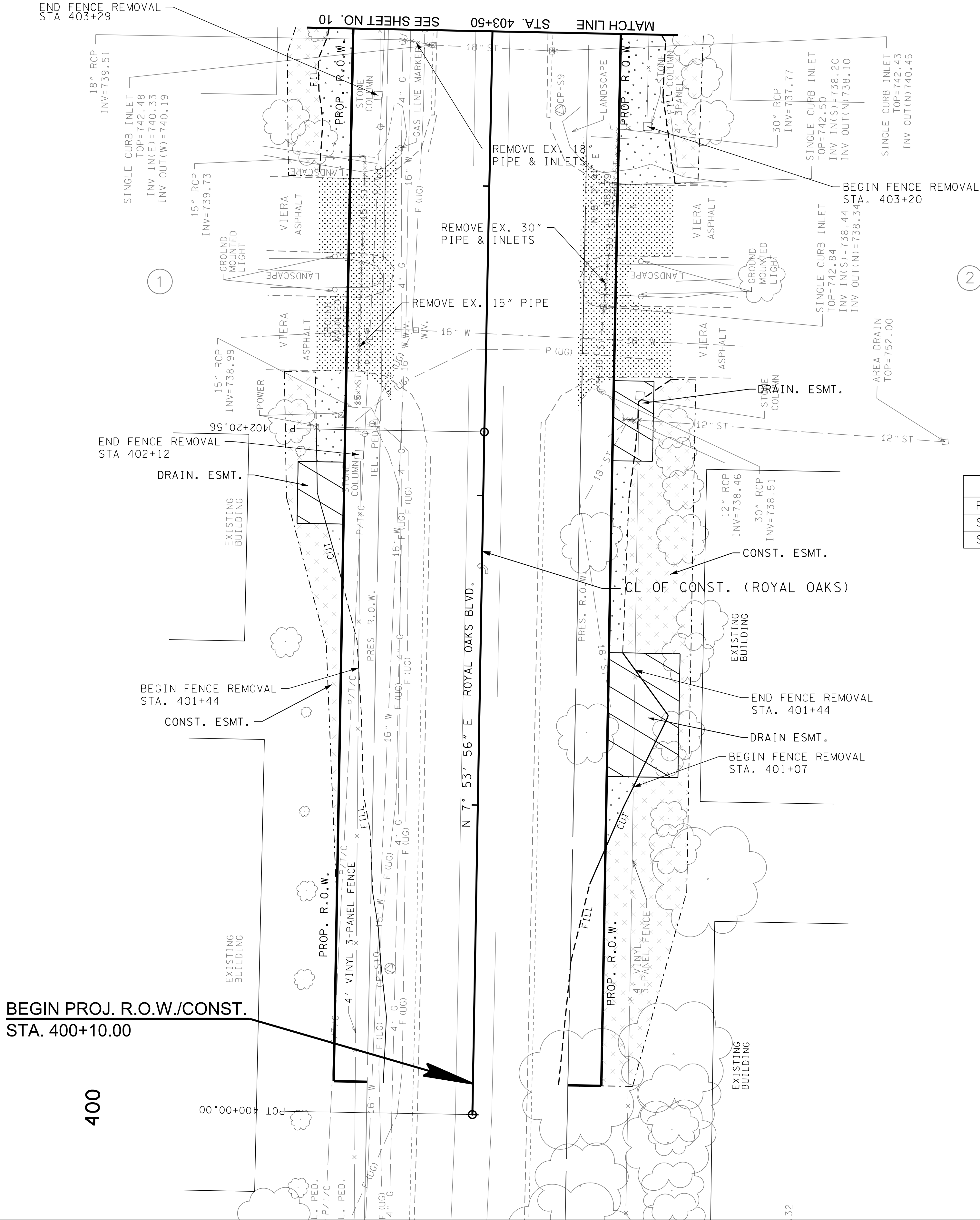
CHECKED BY: _____

YEAR: 2023

SHEET NO: 8C

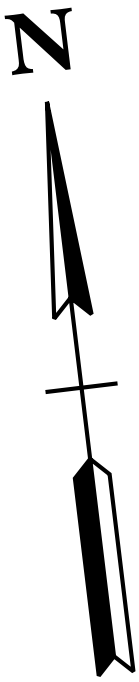
BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S10	580134.5715	1724264.4589	-	400+46.69	27.41' (LT)
S9	580403.3300	1724352.3900	-	403+25.04	22.46' (RT)

LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	



REVISIONS	
NO	DATE BY DESCRIPTION

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

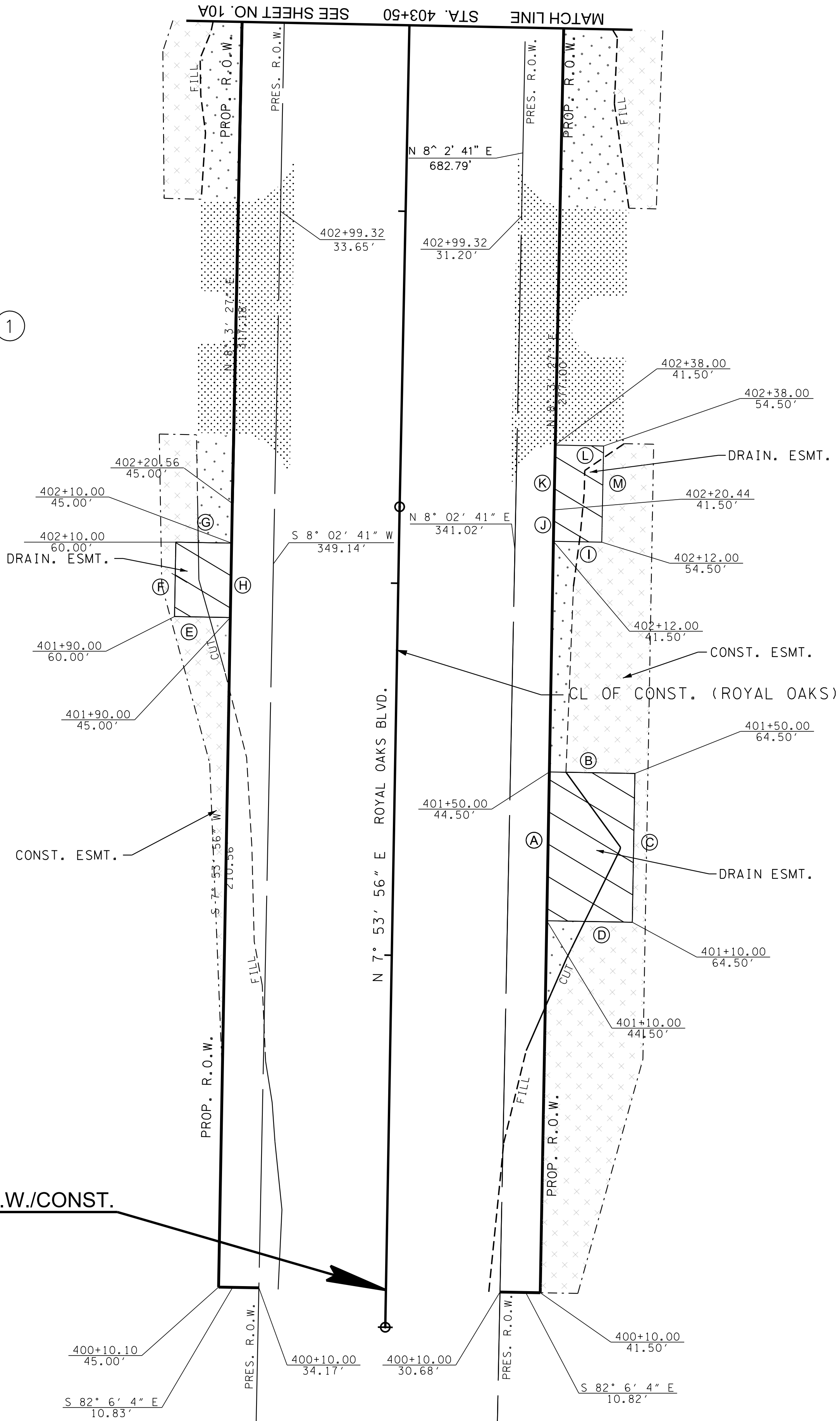
YEAR: 2023

SHEET NO: 9

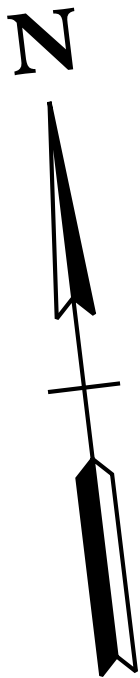
Page 164 of 554

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S10	580134.5715	1724264.4589	-	400+46.69	27.41' (LT)
S9	580403.3300	1724352.3900	-	403+25.04	22.46' (RT)



SIDE	BEARING	DISTANCE
(A)	S7°53'56"W	40.00'
(B)	N82°6'4"W	23.00'
(C)	S7°53'56"W	40.00'
(D)	N82°6'4"W	23.00'
(E)	N82°6'4"W	15.00'
(F)	S7°53'56"W	20.00'
(G)	N82°6'4"W	15.00'
(H)	S7°53'56"W	20.00'
(I)	N82°6'4"W	13.00'
(J)	S7°53'56"W	8.44'
(K)	N8°3'27"E	17.44'
(L)	S81°56'33"E	13.00'
(M)	S8°0'20"W	25.85'



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

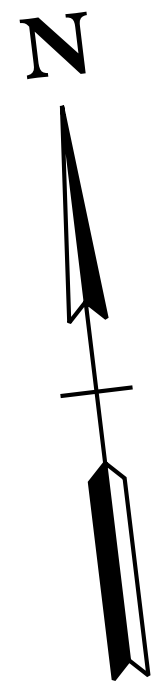
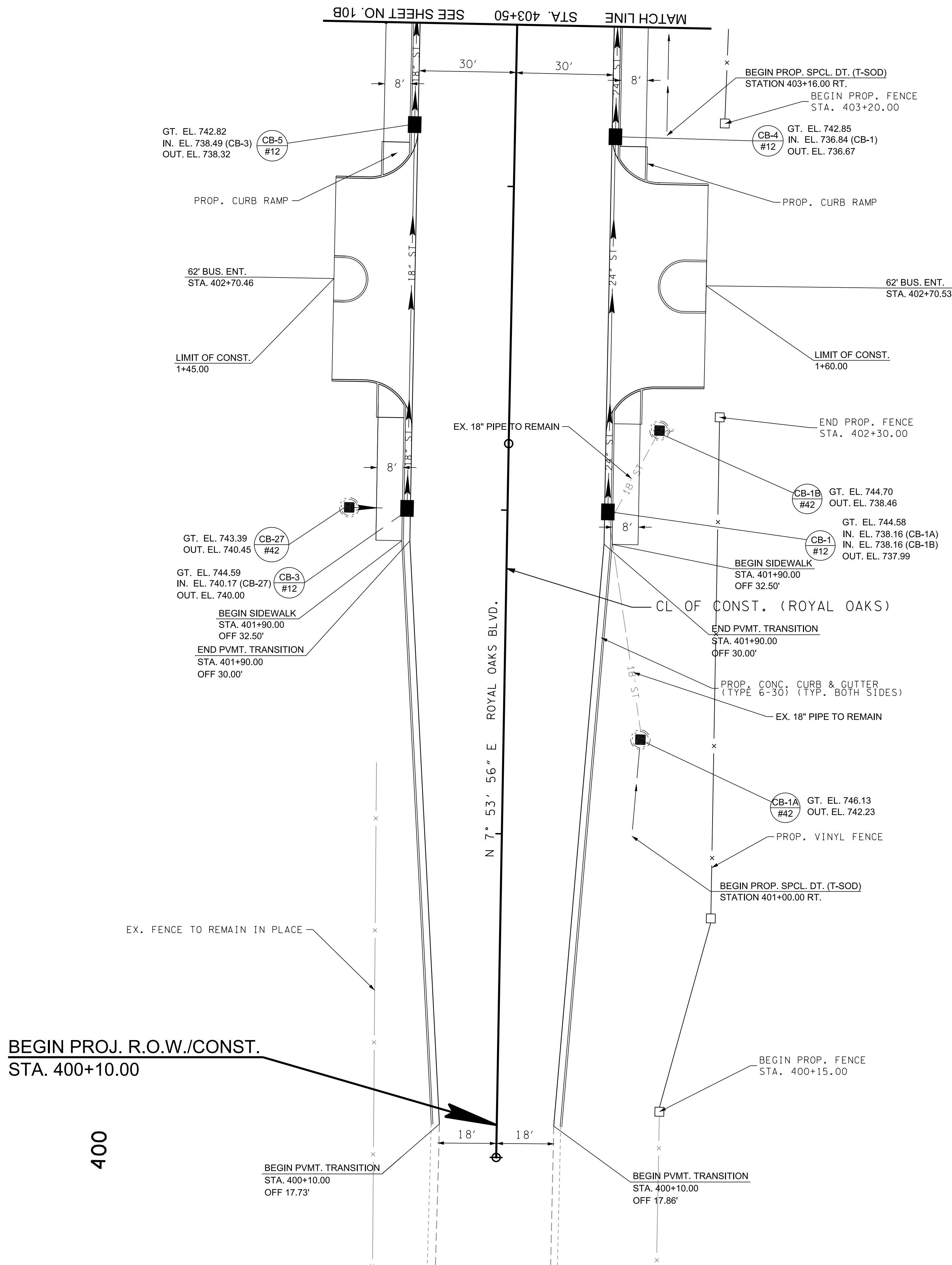
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 9A

Page 165 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

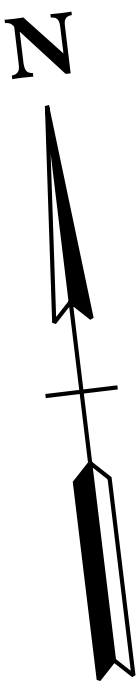
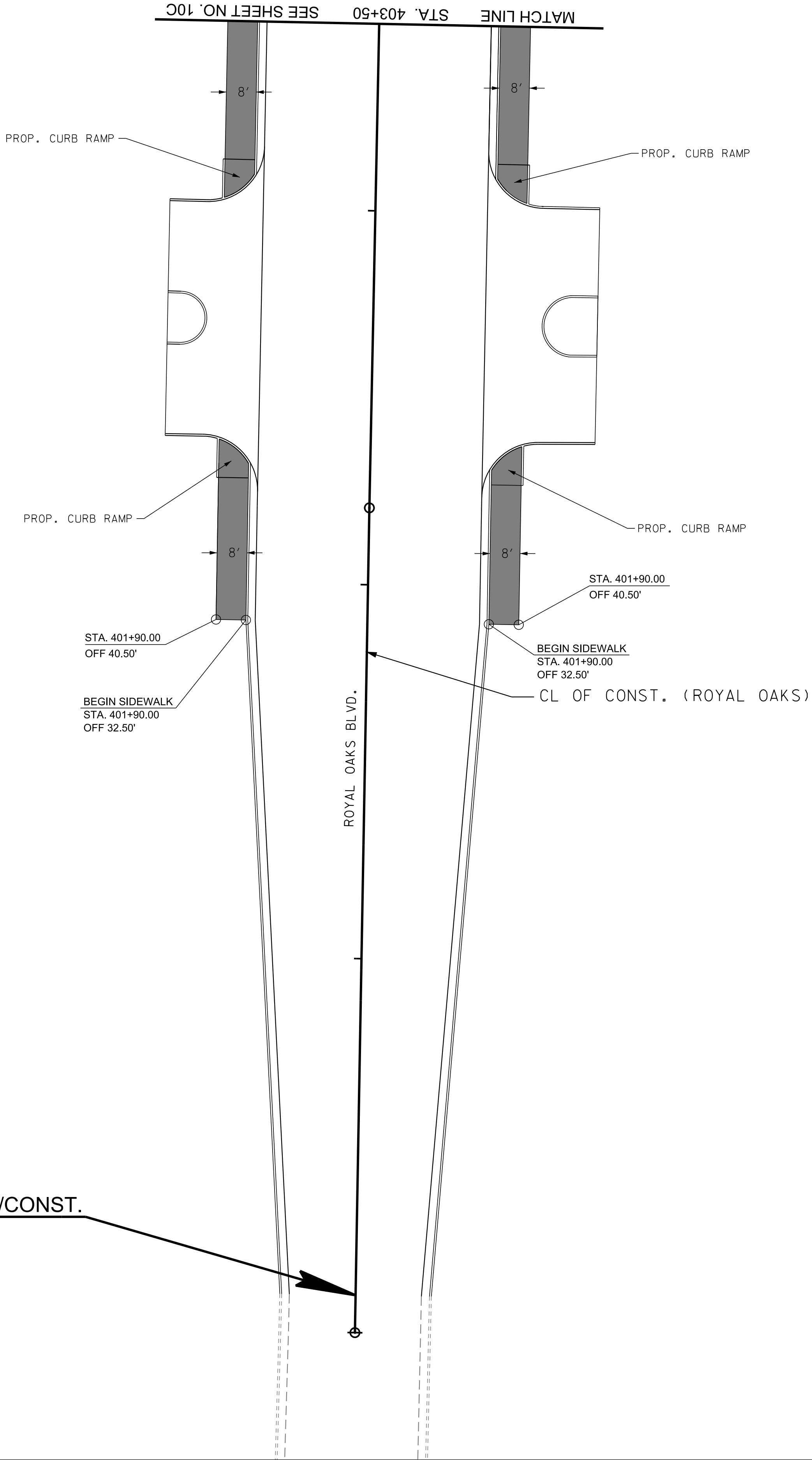
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 9B

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

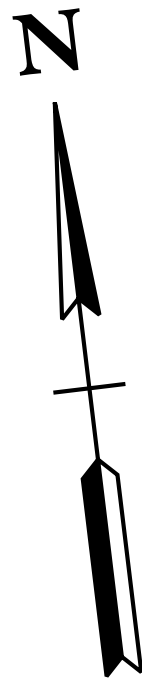
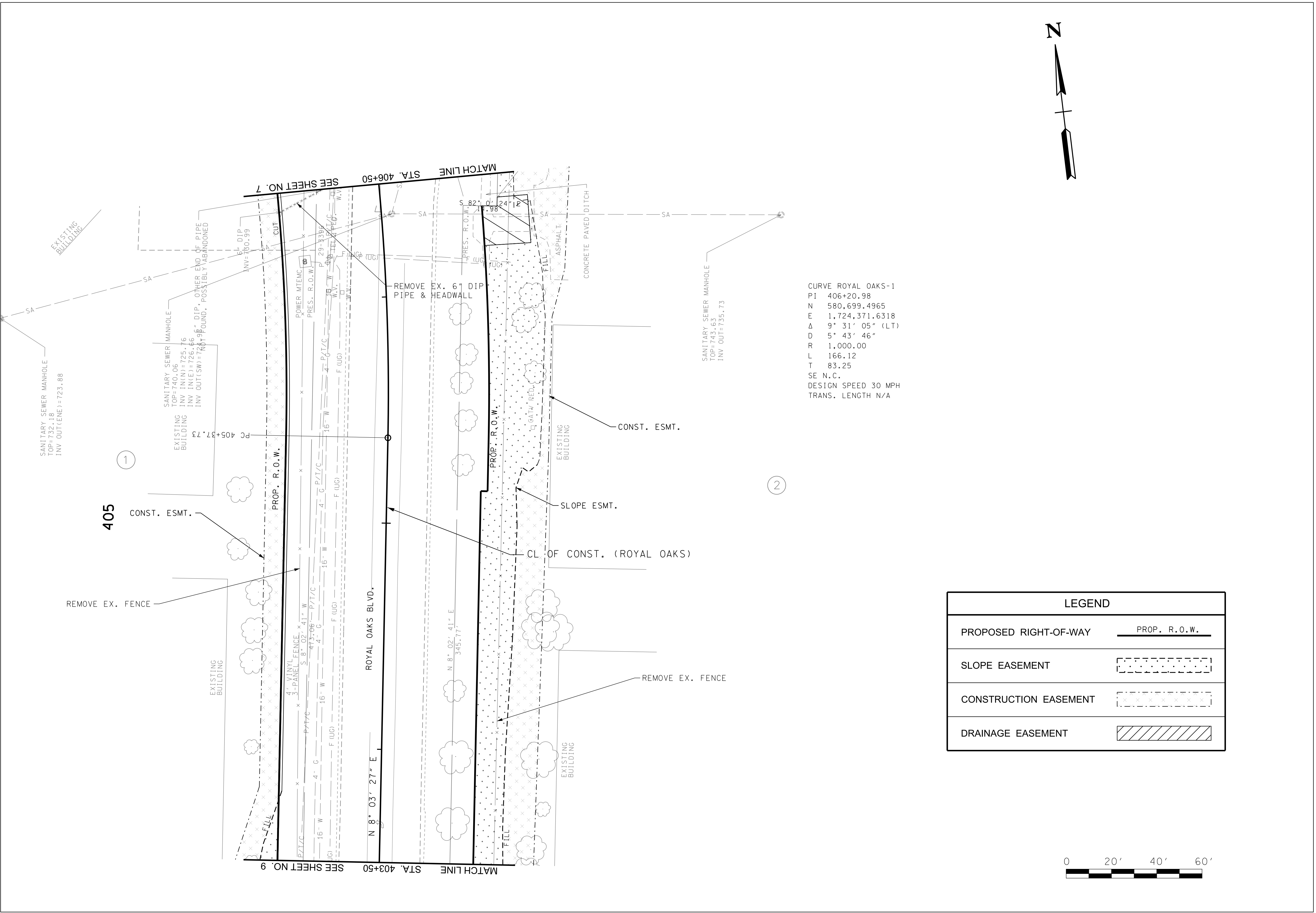
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 9C



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

CURVE ROYAL OAKS-1
PI 406+20.98
N 580,699.4965
E 1,724,371.6318
Δ 9° 31' 05" (LT)
D 5' 43' 46"
R 1,000.00
L 166.12
T 83.25
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

REVISIONS	
NO	DATE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

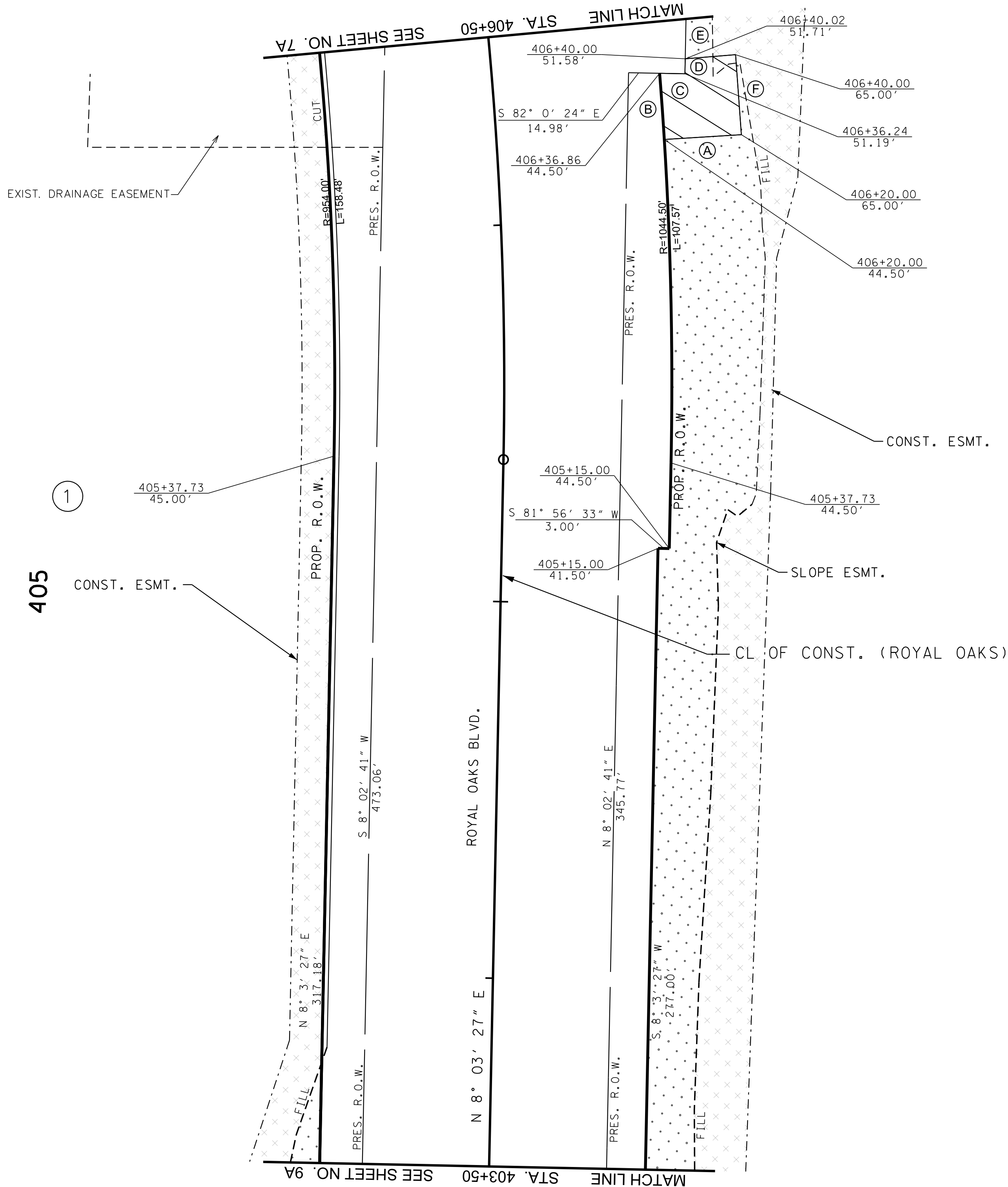
DATE: _____

DESIGNED BY: _____

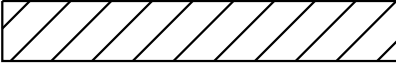
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____



DRAINAGE EASEMENT TABLE		
SIDE	BEARING	DISTANCE
(A)	N86°39'22"W	20.50'
(B)	R = 1044.50'	L = 17.61'
(C)	N82°0'24"W	6.72'
(D)	S7°59'36"W	3.98'
(E)	N87°48'7"W	13.42'
(F)	N2°46'15"E	21.30'

LEGEND	
PROPOSED RIGHT-OF-WAY	 PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	



REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

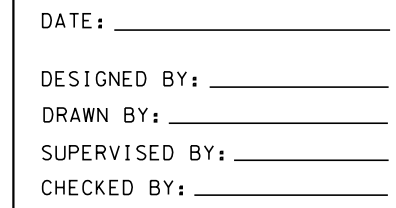
R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 10A



YEAR:	2023
SHEET NO:	10B

PROPOSED LAYOUT

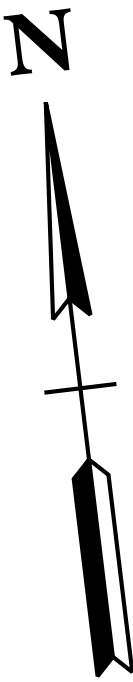
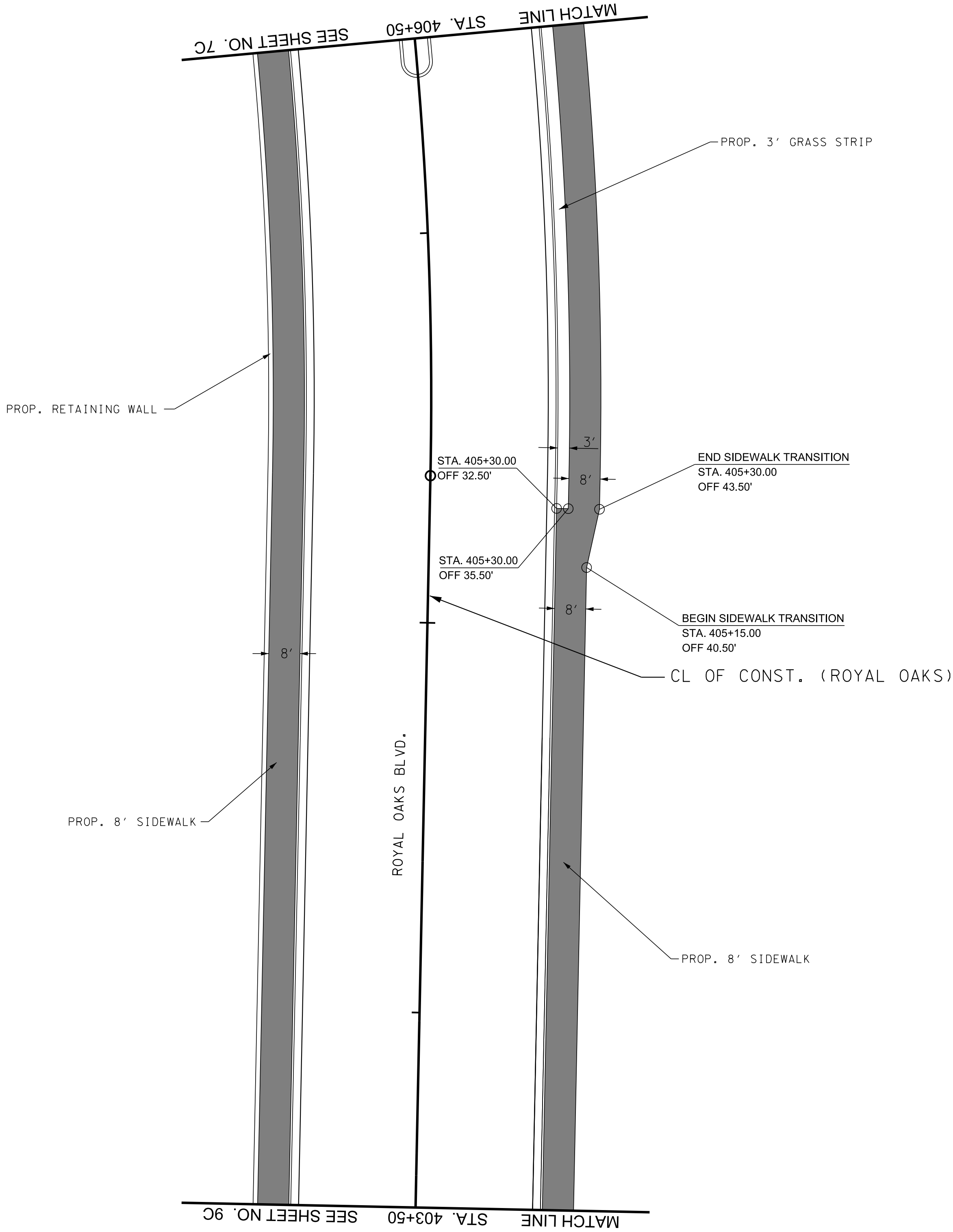
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

[illegible]

405



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 10C

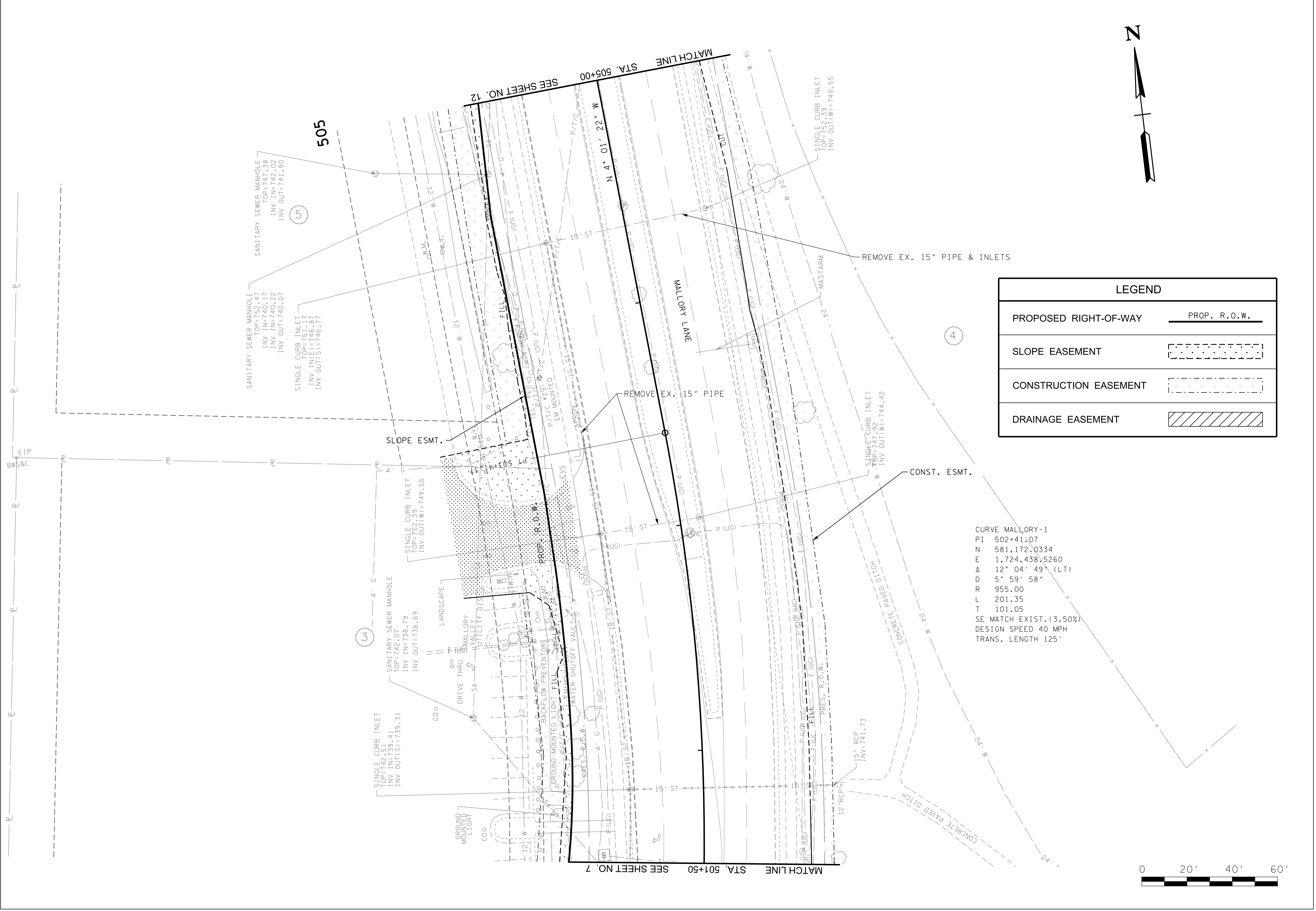
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS		DESCRIPTION	
NO	DATE	BY	



DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 11

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

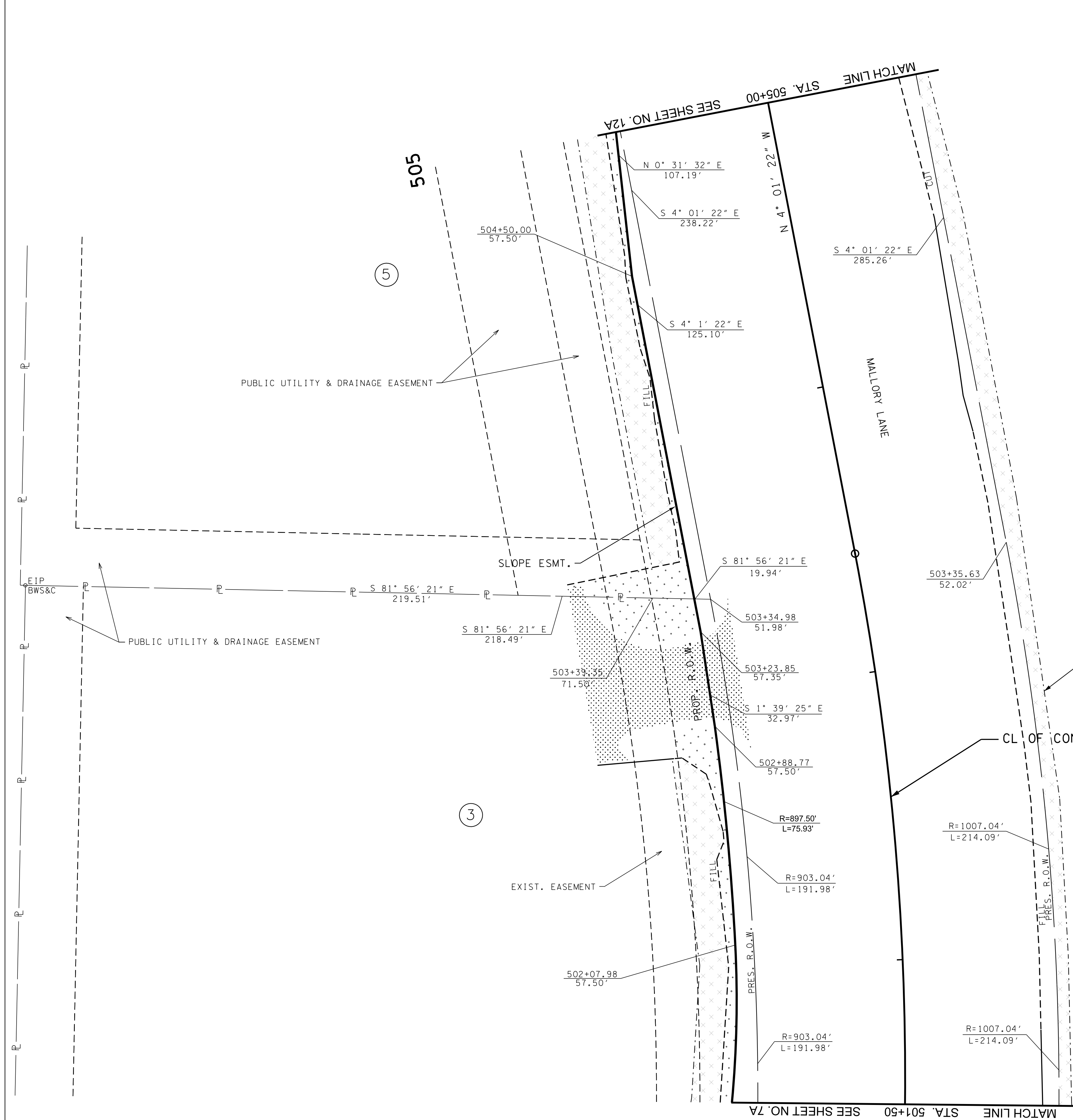
Volkert

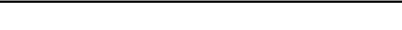
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

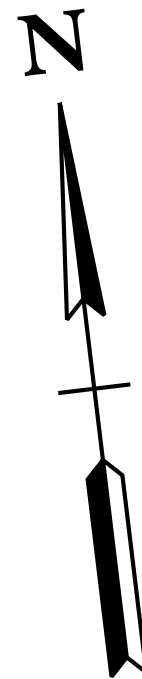
REVISIONS

NO	DATE	BY	DESCRIPTION

Page 172 of 554



LEGEND	
PROPOSED RIGHT-OF-WAY	 PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

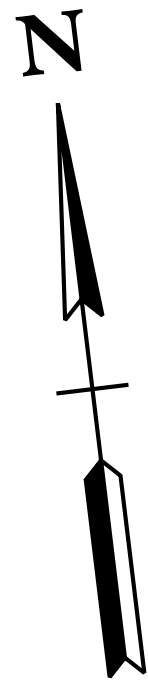
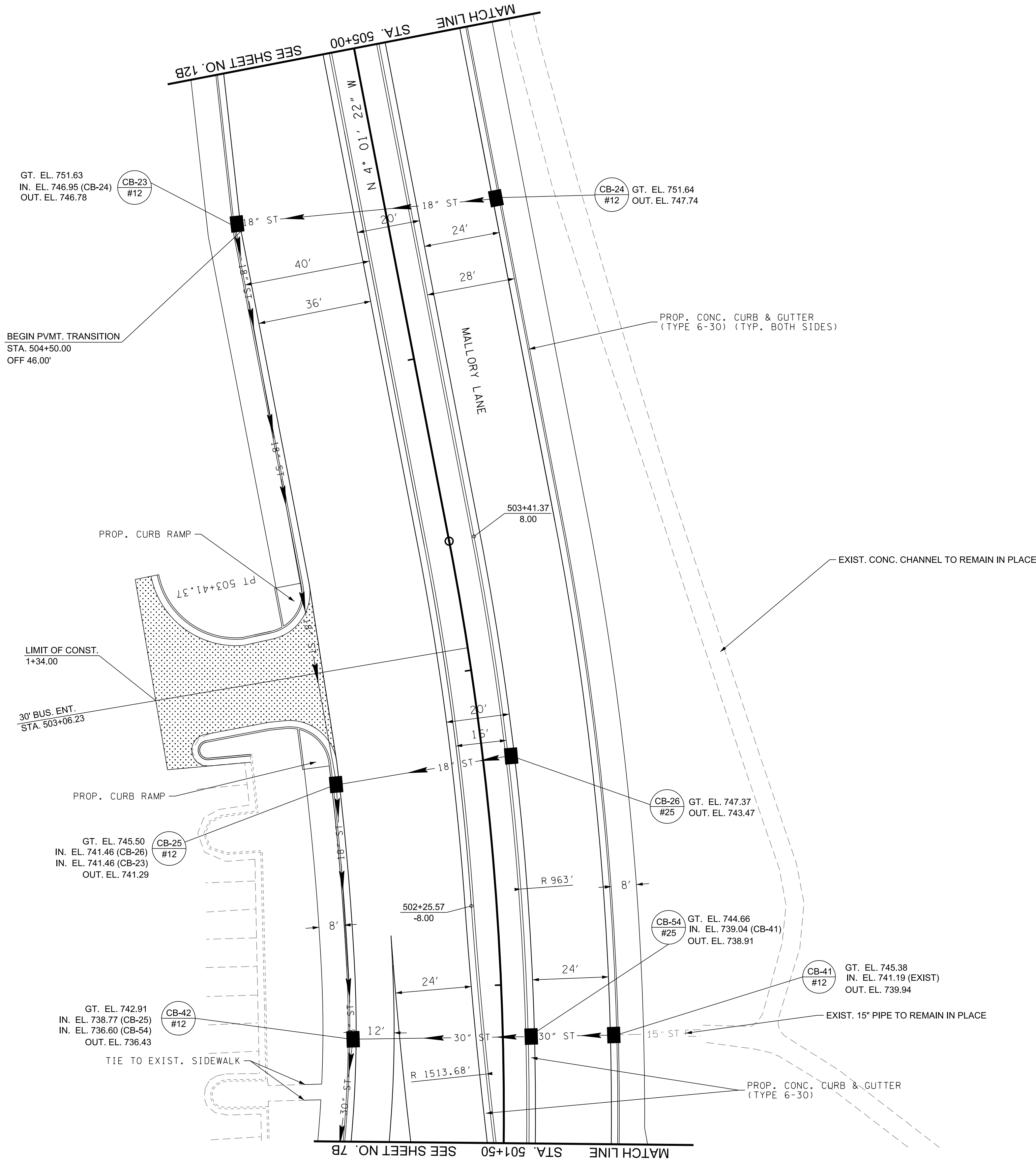
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:11A

505



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 11B

505

BEGIN SIDEWALK TRANSITION
STA. 504+50.00
OFF 56.50'

PROP. 8' SIDEWALK

PROP. CURB RAMP

PT 503+41.37

PROP. CURB RAMP

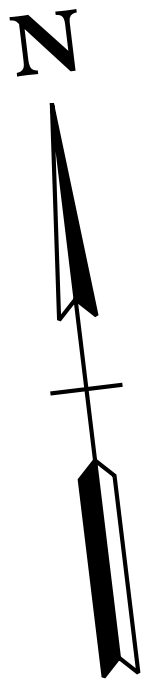
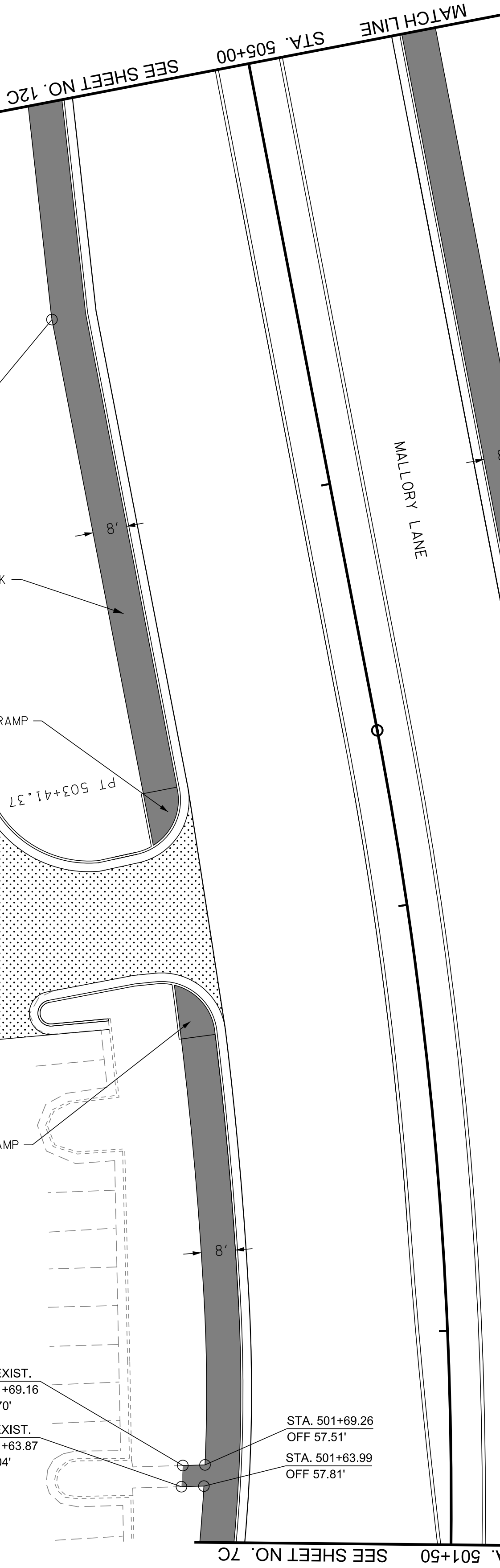
TIE TO EXIST.
STA. 501+69.16
OFF 62.70'

TIE TO EXIST.
STA. 501+63.87
OFF 63.04'

STA. 501+69.26
OFF 57.51'

STA. 501+63.99
OFF 57.81'

END SIDEWALK TRANSITION
STA. 501+55.02
OFF 44.50'



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

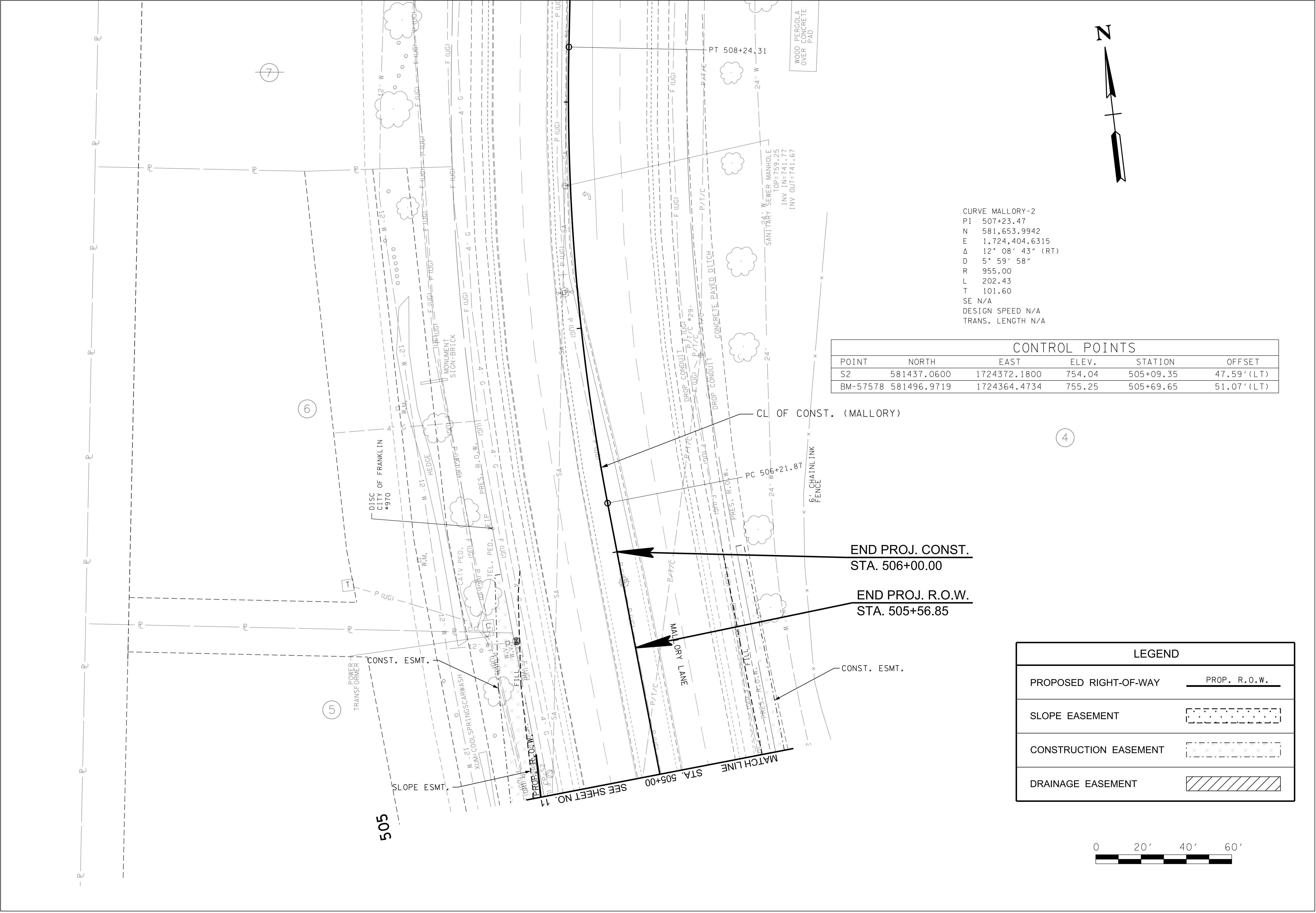
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 11C



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

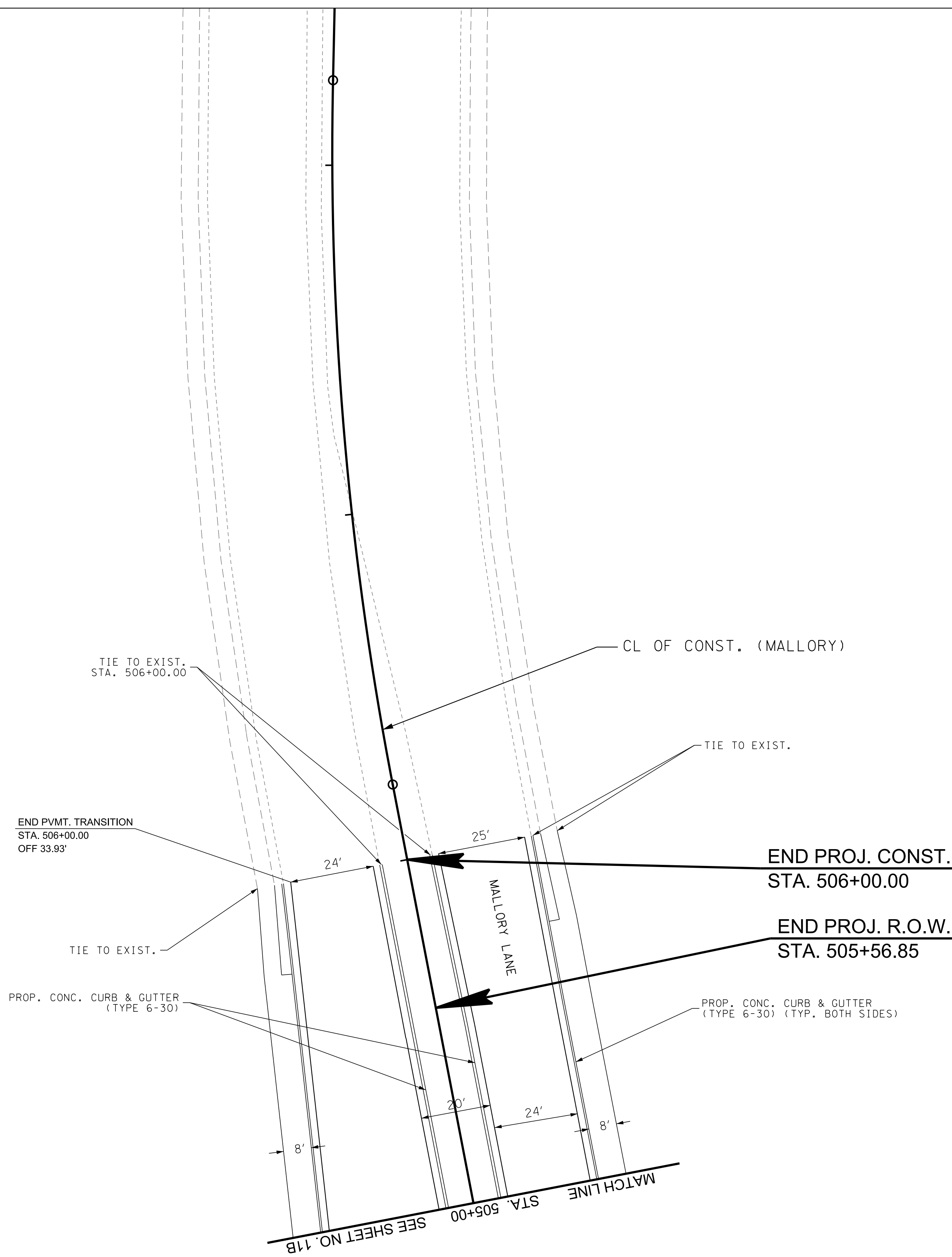
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

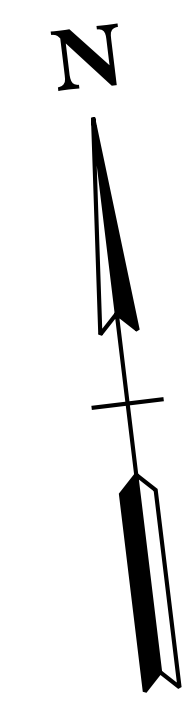
YEAR: 2023

SHEET NO: 12

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S2	581437.0600	1724372.1800	754.04	505+09.35	47.59' (LT)
BM-57578	581496.9719	1724364.4734	755.25	505+69.65	51.07' (LT)



505



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

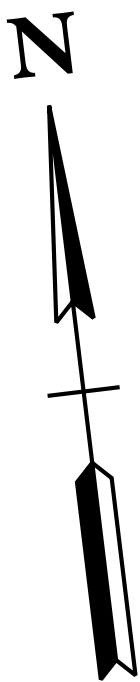
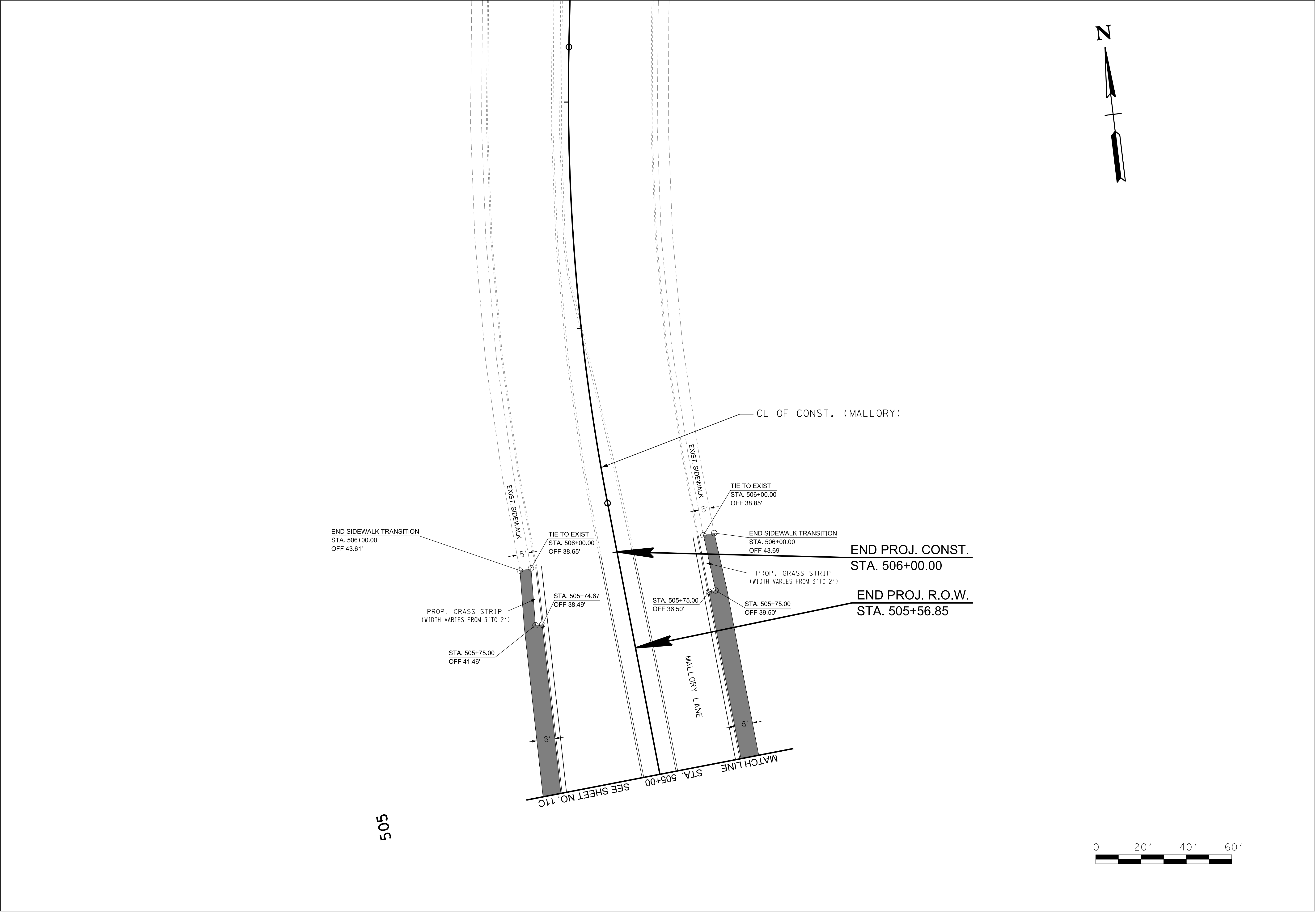
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 12B



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

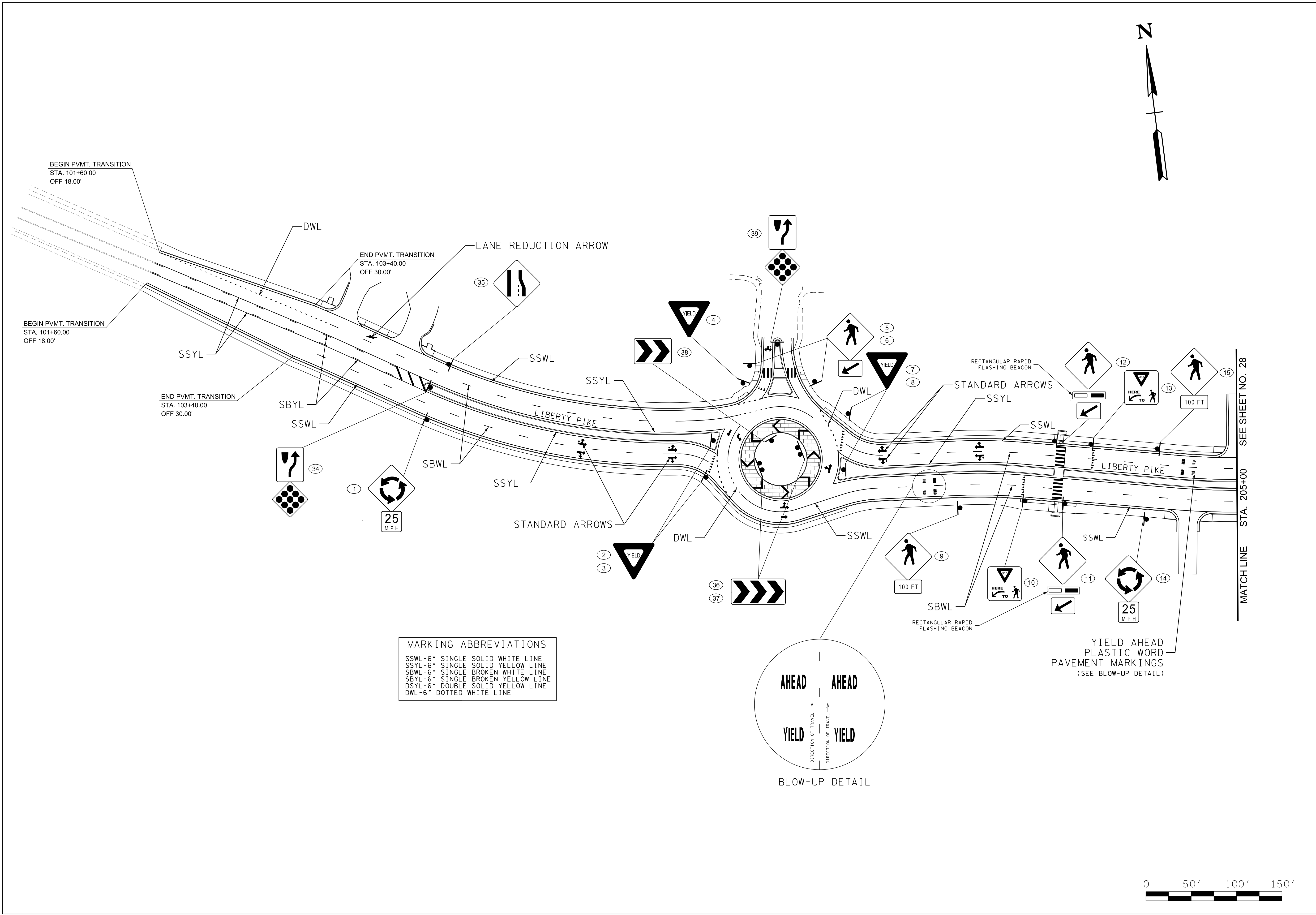
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

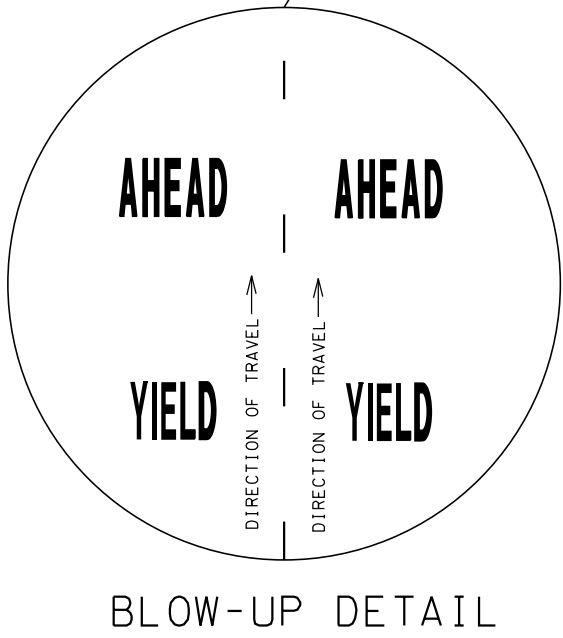
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 12C



MARKING ABBREVIATIONS	
SSWL-6"	SINGLE SOLID WHITE LINE
SSYL-6"	SINGLE SOLID YELLOW LINE
SBWL-6"	SINGLE BROKEN WHITE LINE
SBYL-6"	SINGLE BROKEN YELLOW LINE
DSYL-6"	DOUBLE SOLID YELLOW LINE
DWL-6"	DOTTED WHITE LINE



REVISIONS	
NO.	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

SIGNING AND PAVEMENT MARKING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

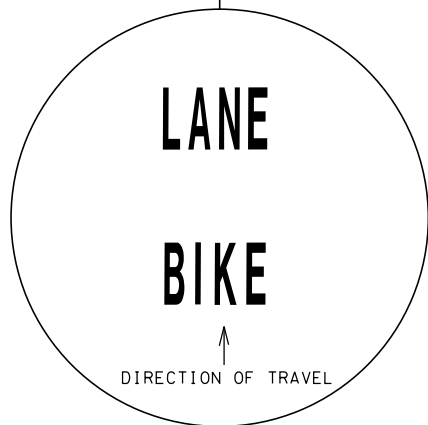
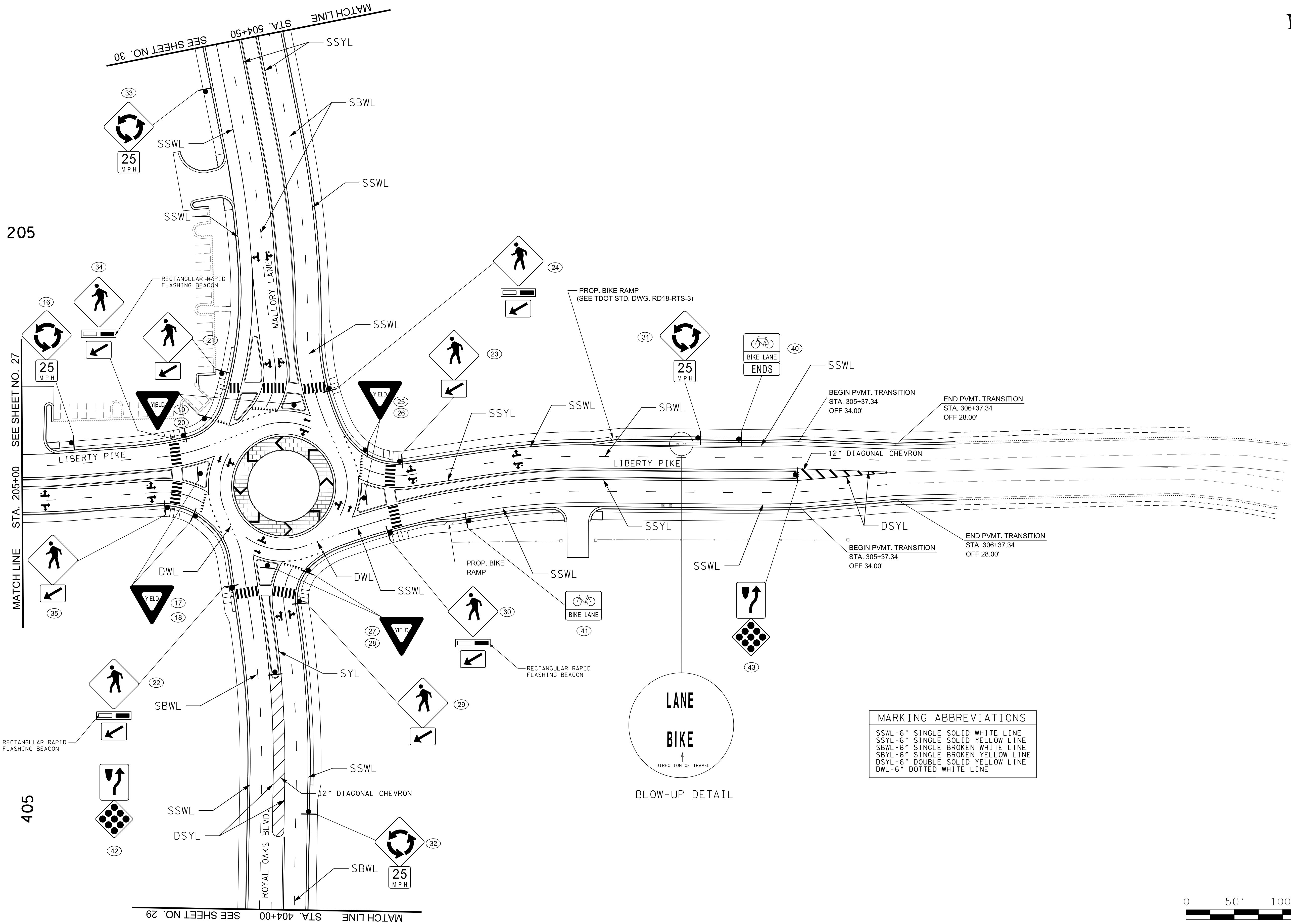
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:27



BLOW-UP DETAIL

MARKING ABBREVIATIONS	
SSWL-6"	SINGLE SOLID WHITE LINE
SSYL-6"	SINGLE SOLID YELLOW LINE
SBWL-6"	SINGLE BROKEN WHITE LINE
SBYL-6"	SINGLE BROKEN YELLOW LINE
DSYL-6"	DOUBLE SOLID YELLOW LINE
DWL-6"	DOTTED WHITE LINE



REVISIONS	
NO	DATE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

SIGNING AND PAVEMENT MARKING PLANS

MALLERY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

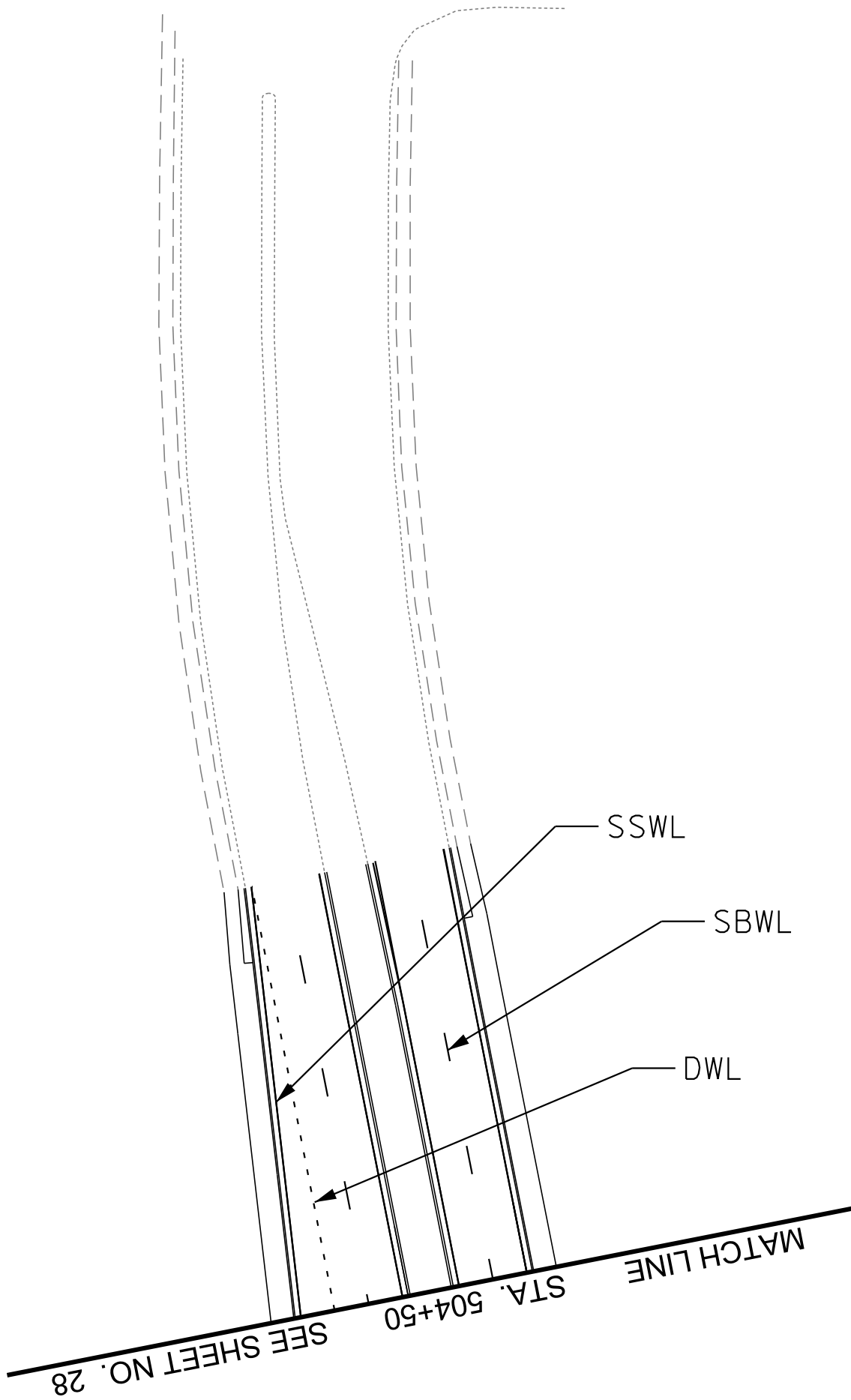
DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

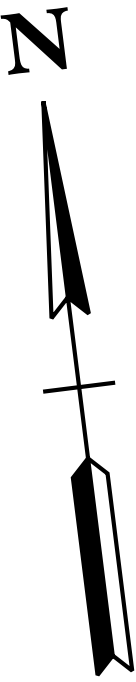
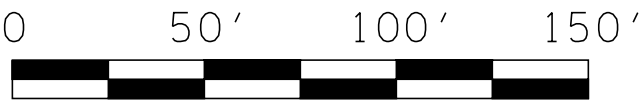
CHECKED BY: _____

YEAR:	2023
SHEET NO:	28



MARKING ABBREVIATIONS

- SSWL-6" SINGLE SOLID WHITE LINE
- SSYL-6" SINGLE SOLID YELLOW LINE
- SBWL-6" SINGLE BROKEN WHITE LINE
- SBYL-6" SINGLE BROKEN YELLOW LINE
- DSYL-6" DOUBLE SOLID YELLOW LINE
- DWL-6" DOTTED WHITE LINE



SIGNING AND PAVEMENT
MARKING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

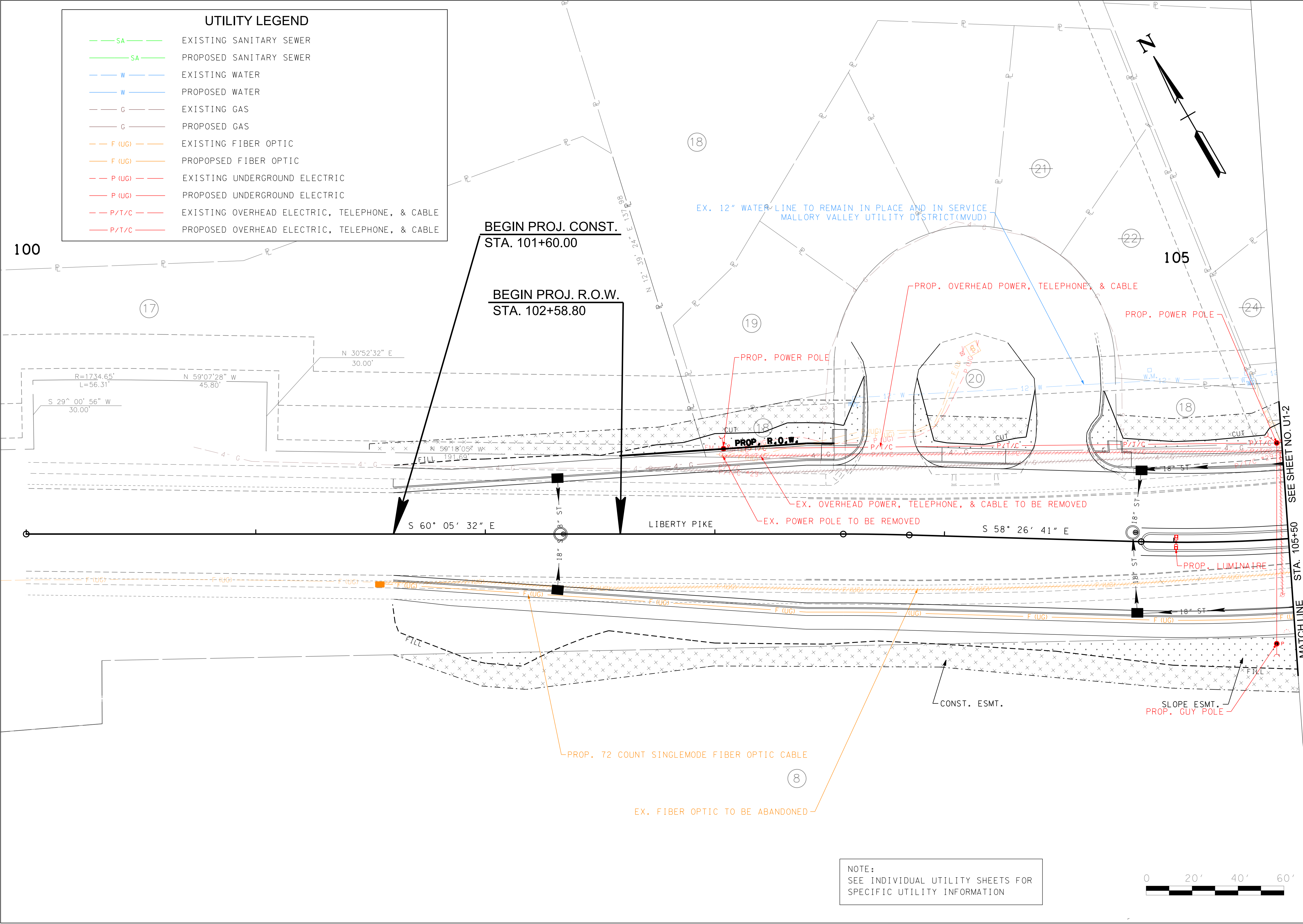
YEAR: 2023

SHEET NO: 30

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U1-1

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

REVISIONS
NO. DATE BY DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U1-2

MATCHLINE
STA. 105+50
SEE SHEET NO. U1-1

SEE SHEET NO. U1-3
STA. 201+50
MATCHLINE

UTILITY LEGEND

- SA — EXISTING SANITARY SEWER
- SA — PROPOSED SANITARY SEWER
- W — EXISTING WATER
- W — PROPOSED WATER
- G — EXISTING GAS
- G — PROPOSED GAS
- F (UG) — EXISTING FIBER OPTIC
- F (UG) — PROPOSED FIBER OPTIC
- P (UG) — EXISTING UNDERGROUND ELECTRIC
- P (UG) — PROPOSED UNDERGROUND ELECTRIC
- P/T/C — EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
- P/T/C — PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

STANWICK 600+38.11 =
ROUND 1 STA. 13+62.51
N 581112.5940
E 1723641.0547

LIBERTY PIKE 108+21.87 =
ROUND 1 STA. 10+00.00
N 581011.0071
E 1723576.8126

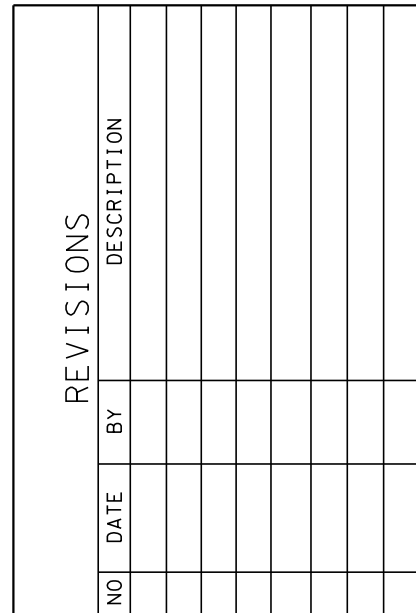
STA. 600+00.00 STANWICK =
STA. 108+80.12 LIBERTY
N 581074.9638
E 1723635.0294

LIBERTY PIKE 200+00.00 =
STANWICK STA. 600+00.15
N 581023.7745
E 1723639.7280

BEG. RET. WALL
STA. 107+78.00
OFF 91.12'

SLOPE ESMT.

0 20' 40' 60'

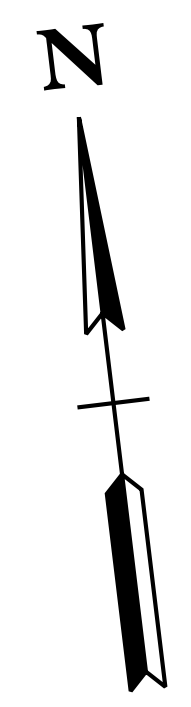
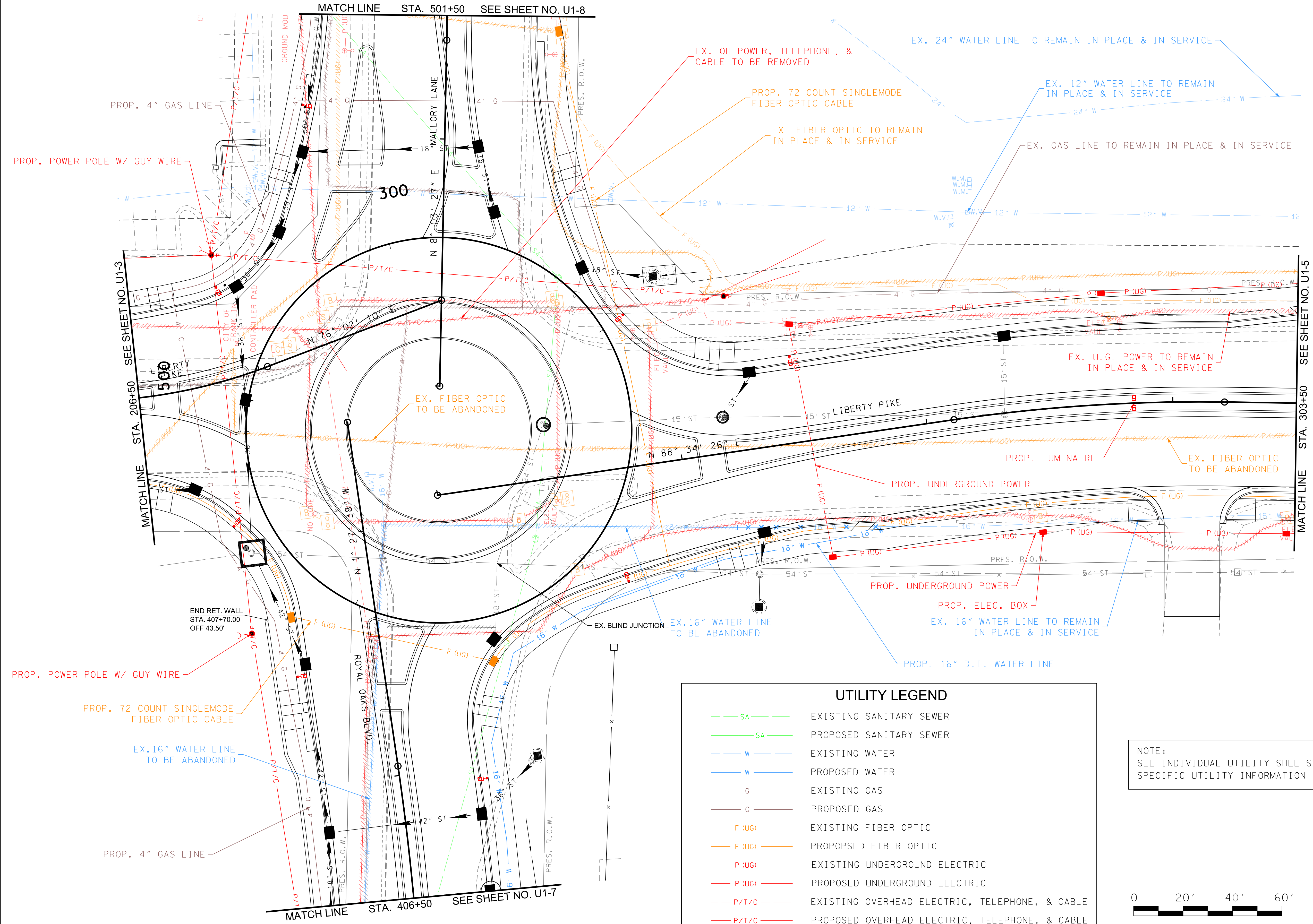


BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

SHEET NO:U1-3



UTILITY LEGEND	
	SA EXISTING SANITARY SEWER
	SA PROPOSED SANITARY SEWER
	W EXISTING WATER
	W PROPOSED WATER
	G EXISTING GAS
	G PROPOSED GAS
	F (UG) EXISTING FIBER OPTIC
	F (UG) PROPOSED FIBER OPTIC
	P (UG) EXISTING UNDERGROUND ELECTRIC
	P (UG) PROPOSED UNDERGROUND ELECTRIC
	P/T/C EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
	P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION



REVISIONS	
NO	DATE

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: U1-4

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 187 of 554

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

EX. 24" WATER LINE TO REMAIN IN PLACE & IN SERVICE (MVUD)

EX. 16" WATER LINE TO REMAIN IN PLACE & IN SERVICE(MVUD)

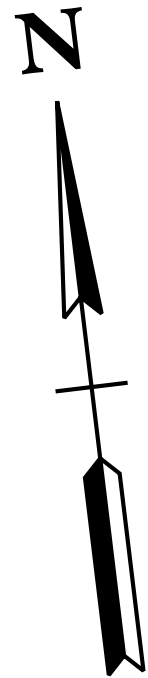
4

305

END PROJ. CONST.
STA. 307+00.00

UTILITY LEGEND

- SA EXISTING SANITARY SEWER
- SA PROPOSED SANITARY SEWER
- W EXISTING WATER
- W PROPOSED WATER
- G EXISTING GAS
- G PROPOSED GAS
- F (UG) EXISTING FIBER OPTIC
- F (UG) PROPOSED FIBER OPTIC
- P (UG) EXISTING UNDERGROUND ELECTRIC
- P (UG) PROPOSED UNDERGROUND ELECTRIC
- P/T/C EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
- P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE



MATCH LINE STA. 303+50 SEE SHEET NO. U1-4

END PROJ. R.O.W.
STA. 303+94.59

LIBERTY PIKE

CITY OF FRANKLIN

2

REVISIONS

NO. DATE BY DESCRIPTION

OVERALL UTILITY RELOCATION PLAN

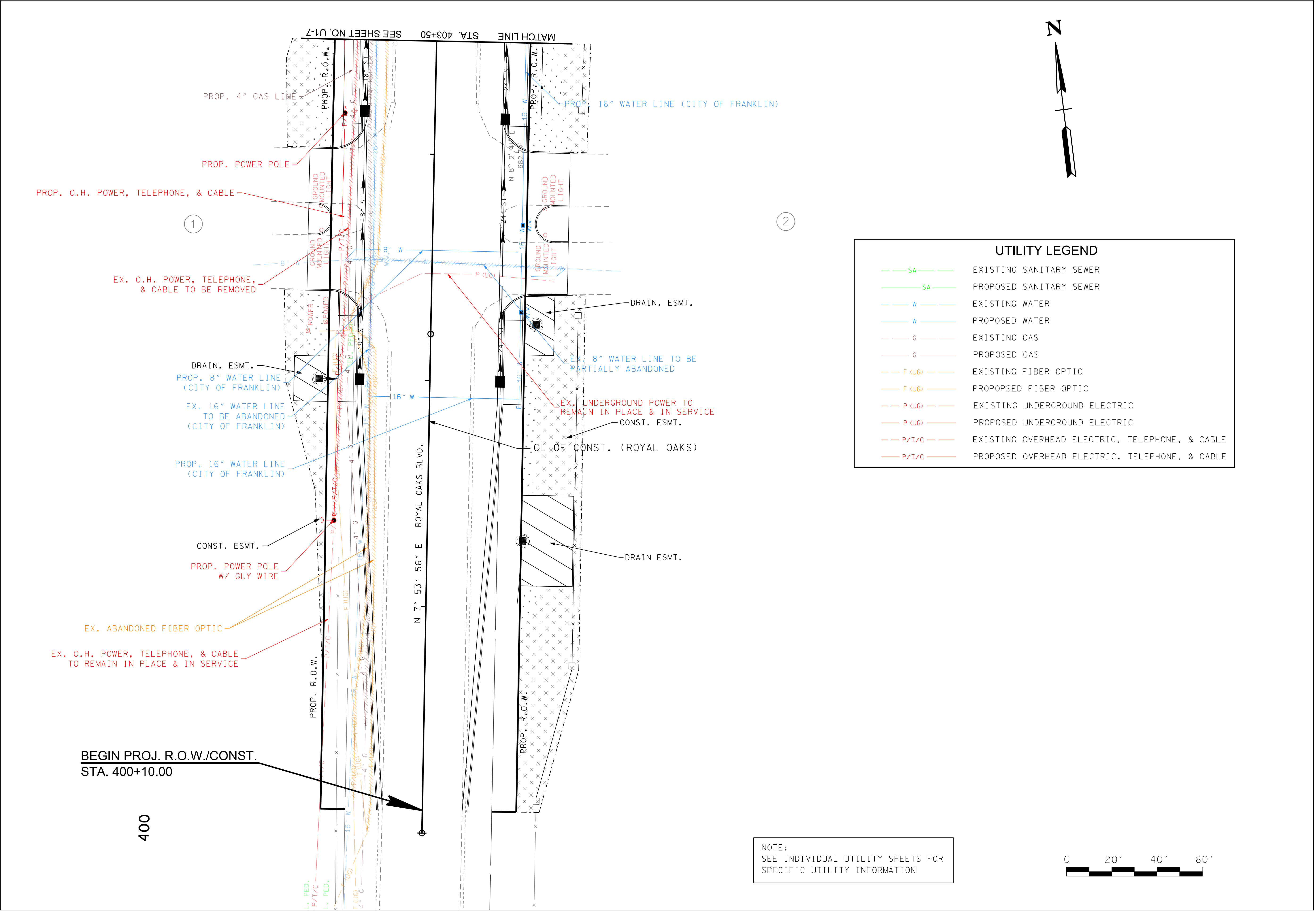
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U1-5

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

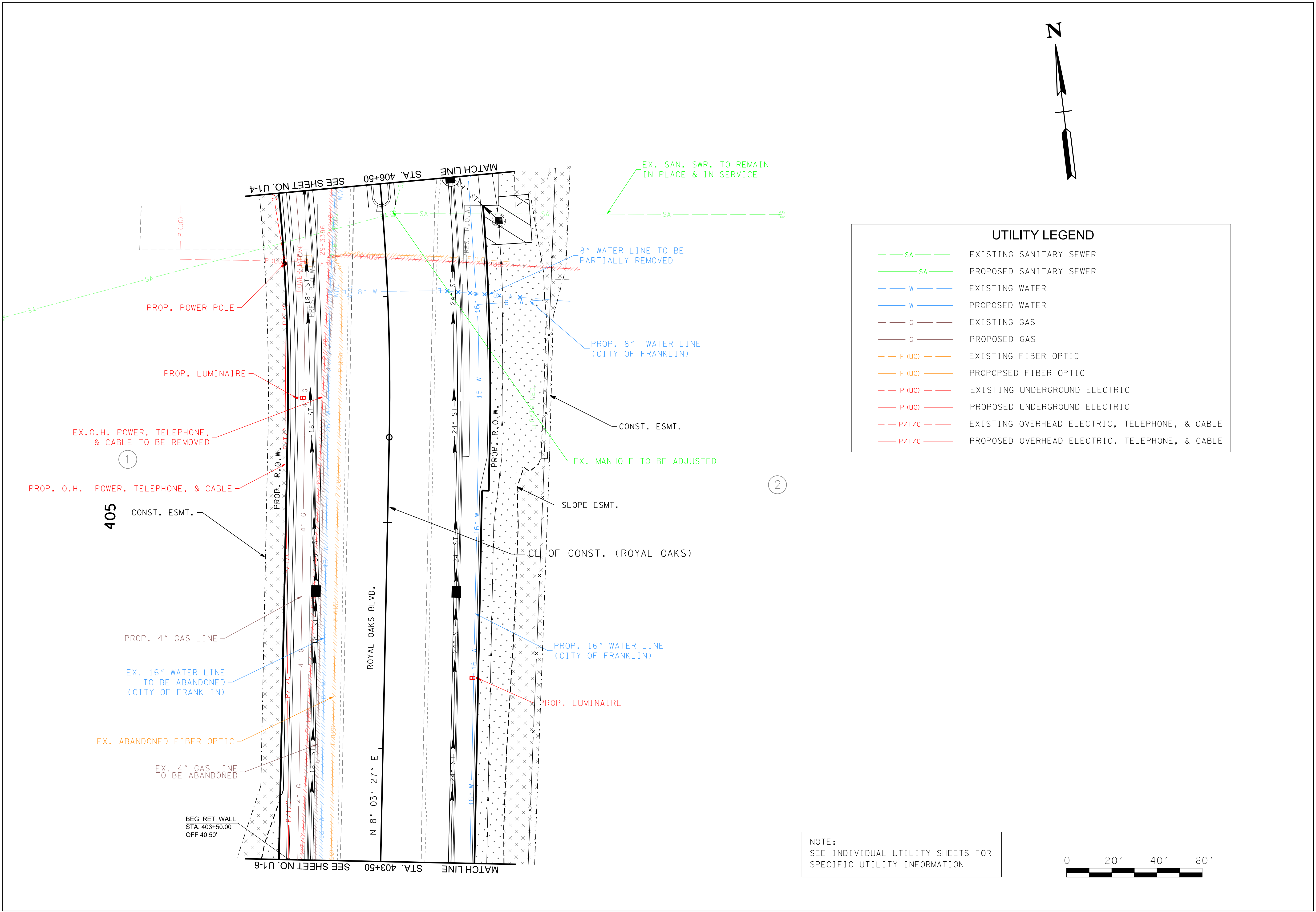
OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U1-6



OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

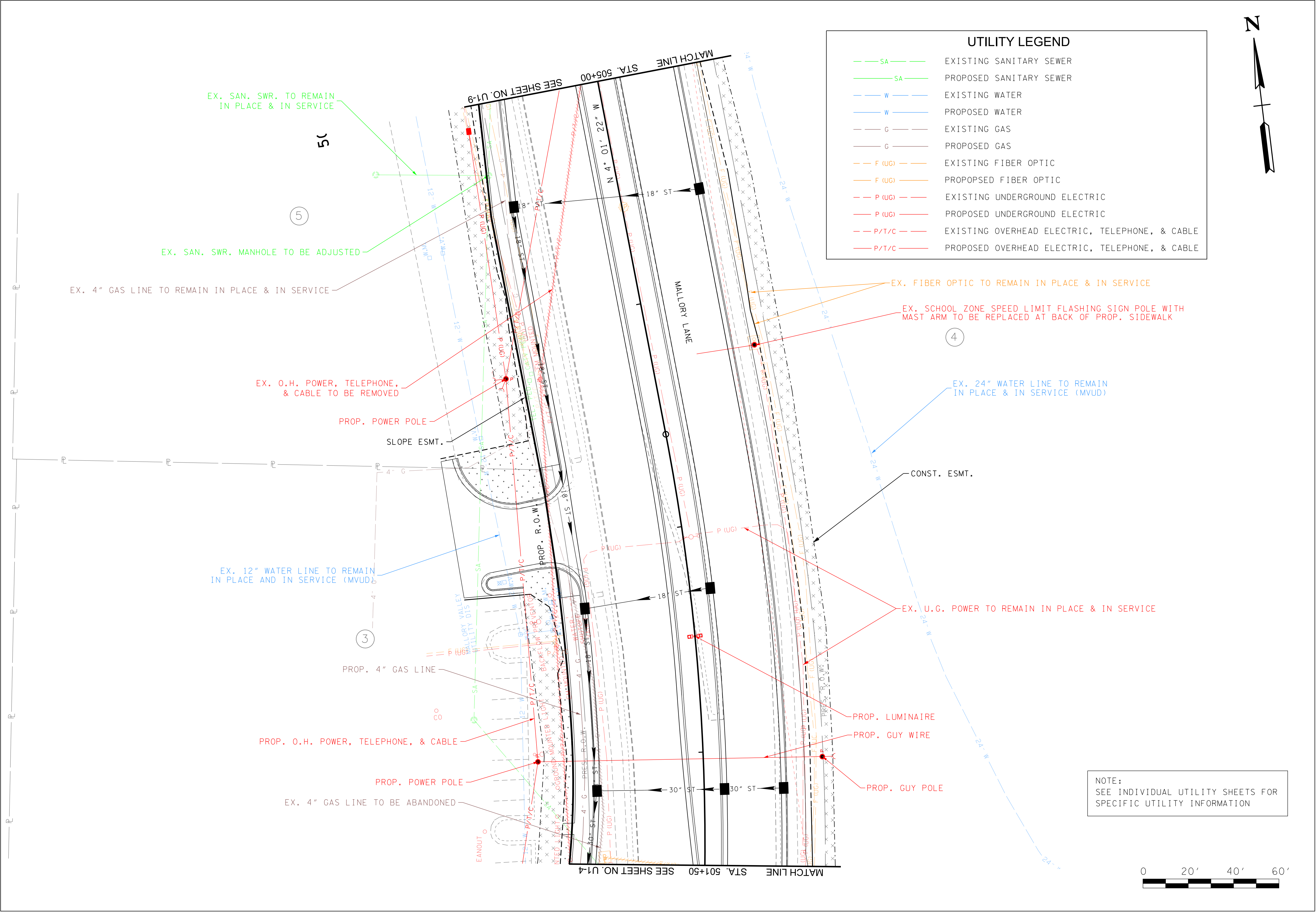
SHEET NO: U1-7

REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



UTILITY LEGEND	
SA	EXISTING SANITARY SEWER
SA	PROPOSED SANITARY SEWER
W	EXISTING WATER
W	PROPOSED WATER
G	EXISTING GAS
G	PROPOSED GAS
F (UG)	EXISTING FIBER OPTIC
F (UG)	PROPOSED FIBER OPTIC
P (UG)	EXISTING UNDERGROUND ELECTRIC
P (UG)	PROPOSED UNDERGROUND ELECTRIC
P/T/C	EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
P/T/C	PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

REVISIONS	
NO	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

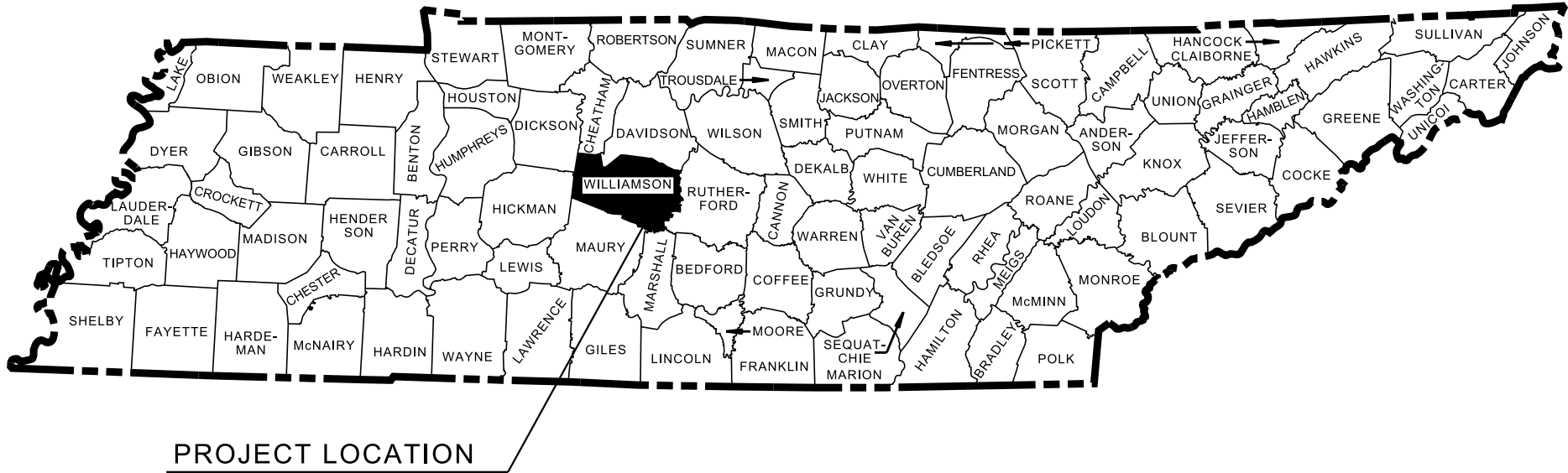
SHEET NO:U1-8

DEPARTMENT OF ENGINEERING
FRANKLIN, TENNESSEE

MALLORY LANE
AT LIBERTY PIKE

RIGHT-OF-WAY
GRADING, DRAINAGE, BASE, PAVING,
SIGNAGE, MARKING, UTILITIES, & LIGHTING

CITY OF FRANKLIN	YEAR	SHEET NO.
	2023	1
PROJECT 2017-005	MALLORY LANE AT LIBERTY PIKE	



BEGIN CONSTRUCTION
STA. 101+60.00
LIBERTY PIKE

BEGIN CONSTRUCTION
STA. 400+10.00
ROYAL OAKS BOULEVARD/
MALLORY LANE

END CONSTRUCTION
STA. 506+00.00
ROYAL OAKS BOULEVARD/
MALLORY LANE

END CONSTRUCTION
STA. 307+00.00
LIBERTY PIKE

APPROVED:
PAUL HOLZEN, P.E.
DIRECTOR OF ENGINEERING

DATE

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE CITY OF FRANKLIN IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

CITY OF FRANKLIN ENGINEERING DEPT. _____ PAUL HOLZEN, P.E.
DESIGNED BY _____ VOLKERT, INC. DIRECTOR OF ENGINEERING
DESIGNER _____ KENNETH SHELTON, P.E.
CHECKED BY _____ DENNIS BOUTON, P.E.

PROJECT LENGTH (LIBERTY PIKE) 0.409 MILES
PROJECT LENGTH (ROYAL OAKS BLVD./MALLORY LANE) 0.268 MILES

SCALE: 1" = 300'

PLANS PREPARED BY:

VOLKERT

SEALED BY

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REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

INDEX OF SHEETS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 1A

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
201-01	CLEARING AND GRUBBING	LS	1
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	3061
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION)	L.F.	7196
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	13781
203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	1155
209-02.06	15" TEMPORARY SLOPE DRAIN	L.F.	105
209-02.07	18" TEMPORARY SLOPE DRAIN	L.F.	16
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2918
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	504
209-08.07	ROCK CHECK DAMPER	EACH	3
209-08.08	ENHANCED ROCK CHECK DAM	EACH	2
209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	1
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	8
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	EACH	23
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	EACH	2
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	EACH	26
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	2
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	EACH	20
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	5675
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	30
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	2767
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	2275
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	13
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	49
403-02.01	TRACKLESS TACK COAT	TON	20
411-03.10	ACS MIX(PG76-22) GRADING D	TON	2230
602-01	STRUCTURAL STEEL	LB.	76614
604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	468
604-07.01	RETAINING WALL (DESCRIPTION)	S.F.	869
604-07.02	RETAINING WALL (DESCRIPTION)	S.F.	2998
607-01.02	12" CONCRETE PIPE CULVERT (CLASS III)	L.F.	8
607-02.02	15" CONCRETE PIPE CULVERT(CLASS III)	L.F.	19
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	2650
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	852
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	215
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	120
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	L.F.	165
607-10.02	54" CONCRETE PIPE CULVERT (CLASS III)	L.F.	8
607-11.03	60" CONCRETE PIPE CULVERT (CLASS III)	L.F.	8
611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	5
611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	1
611-05.01	TRENCH DRAINS	L.F.	32
611-05.02	12IN PVC PIPE FOR TRENCH DRAINS	L.F.	54
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	1
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	EACH	1
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH	20
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	20
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	3
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	EACH	1
611-12.08	CATCH BASINS, TYPE 12, >(' - ' DEPTH)	EACH	2

FOOTNOTES:

- ① INCLUDES 90 C.Y. FOR DITCHES AND FLUMES.
- ② INCLUDES 4" OF MINERAL AGGREGATE BASE, TYPE A, GRADING D.
- ③ INCLUDES 55' OF WOODEN FENCE AND 2100' OF 3-PANEL VINYL FENCE
- ④ INCLUDES 55' OF WOODEN FENCE AND 1125' OF 3-PANEL VINYL FENCE
- ⑤ ROLLED SOD ONLY

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	1
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	1
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	EACH	1
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	EACH	1
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	EACH	2
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	2
611-90.01	CATCH BASINS, NYLOPLAST (OR SIMILAR APPROVED)	EACH	1
621-03.09	60" TEMPORARY DRAINAGE PIPE	L.F.	300
701-01.03	CONCRETE SIDEWALK - 4 " (CLASS A CONC. WITH SYNTHETIC FIBER REINF.)	S.F.	44318
701-01.09	ORNAMENTAL CONCRETE (TRUCK APRON AT ROUNDABOUT)	S.F.	5968
702-01	CONCRETE CURB	C.Y.	188
702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	542
707-06.01	REMOVAL OF FENCE (WOODEN & VINYL FENCE)	L.F.	2155
707-08.01	FENCE (WOODEN FENCE & 3 PANEL VINYL FENCE)	L.F.	1180
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	192
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	195
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	202
709-05.08	MACHINED RIP-RAP (CLASS B)	TON	12
712-01	TRAFFIC CONTROL	LS	1
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	350
712-06	SIGNS (CONSTRUCTION)	S.F.	500
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	192
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	884
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	294
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	30
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	1
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	240
716-03.05	PLASTIC WORD PAVEMENT MARKING (BIKE LANE)	EACH	2
716-03.09	PLASTIC WORD PAVEMENT MARKING (YIELD AHEAD)	EACH	4
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	19
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	6
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	171
716-04.24	PLASTIC PAVEMENT MARKING (FISH-HOOKS WITH 2 ARROWS)	EACH	13
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	3.4
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	733
730-01.10	OVERHEAD UTILITY RELOCATION	LS	1
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	LS	1
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	680
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	L.F.	5876
791-03.04	4IN HDPE GAS MAIN	L.F.	2055
795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	L.F.	802
798-06.13	FIBER OPTIC CABLE (DESCRIPTION)	L.F.	395
801-01	SEEDING (WITH MULCH)	UNIT	102
801-03	WATER (SEEDING & SODDING)	M.G.	101
801-07	SEED (SUPPLEMENTAL APPLICATION)	LB.	176
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	2
803-01	SODDING (NEW SOD)	S.Y.	10409
805-01.65	TEMPORARY MULCH	UNIT	4
	DECIDUOUS TREE (2.5" CAL.)	EACH	36
	ORNAMENTAL GRASSES, 1 GALLON	EACH	228
	PLANT BED SOIL	CY	200
	MAST ARM LUMINAIRES (SINGLE)	EACH	18
	MAST ARM LUMINAIRES (BACK TO BACK)	EACH	7
	12" NYLOPLAST N-12 PIPE (OR SIMILAR APPROVED)	L.F.	31

REVISONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

ESTIMATED ROADWAY QUANTITIES

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2

CATCH BASINS AND MANHOLES																								
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSION	DEPTH (FT.)	STANDARD DRAWINGS	TYPE 3	TYPE 3	TYPE 12	TYPE 12	TYPE 12	TYPE 12	TYPE 12	TYPE 14	TYPE 14	TYPE 25	TYPE 38	TYPE 38	TYPE 42	REMARKS	
										M.H. 611-01.02 4' - 8'	M.H. 611-01.03 8'-12'	C.B. 611-12.01 0' - 4'	C.B. 611-12.02 4' - 8'	C.B. 611-12.03 8' - 12'	C.B. 611-12.04 12' - 16'	C.B. 611-12.08 > 28'	C.B. 611-14.02 4' - 8'	C.B. 611-14.03 8' - 12'	C.B. 611-25.02 4' - 8'	C.B. 611-38.01 0' - 4'	C.B. 611-38.02 4' - 8'	C.B. 611-42.02 4' - 8'		
7B	LIBEREV	301+23.09	60.93	CB-36	739.57	#38	4X4	4.47	D-CB-38SB															
7B	LIBEREV	301+28.79	35	CB-21	745.75	#12	4' DIA	9.24	D-CB-12RA					1								1		
7B	LIBEREV	301+31.94	-32	CB-50	745.36	#12	4' DIA	3.9	D-CB-12RA			1												
7B	LIBEREV	302+34.93	-32	CB-22	749.79	#12	4X3	4.04	D-CB-12S				1											
8B	LIBEREV	304+51.74	-36	CB-17	757.07	#12	4X3	7.92	D-CB-12S				1											
8B	LIBEREV	304+51.74	36	CB-18	757.07	#12	4X3	9.16	D-CB-12S					1										
8B	LIBEREV	306+42.04	-30	CB-34	759.76	#12	4X3	6.51	D-CB-12S				1											
5B	LIBMREV	200+92.57	-35	CB-62	725.98	#12	4' DIA	4.32	D-CB-12RA				1											
5B	LIBMREV	201+00.00	0	CB-63	726.87	MH	5' DIA	5.53	D-MH-2	1														
5B	LIBMREV	201+00.00	32	CB-64	726.08	#12	4' DIA	5.49	D-CB-12RA				1											
6B	LIBMREV	202+30.00	-32	CB-68	726.73	#12	4' DIA	3.89	D-CB-12RA															
6B	LIBMREV	202+30.00	32	CB-69	726.73	#12	4' DIA	3.89	D-CB-12RA			1												
6B	LIBMREV	203+40.37	32	CB-58	727.82	#12	4X3	4.17	D-CB-12S				1											
6B	LIBMREV	203+40.37	-32	CB-59	727.82	#12	4X3	3.9	D-CB-12S			1												
6B	LIBMREV	203+40.37	0	CB-60	728.6	MH	5' DIA	4.82	D-MH-2	1														
6B	LIBMREV	204+76.00	32	CB-66	730.68	#12	4X3	3.9	D-CB-12S			1												
6B	LIBMREV	206+00.00	-32	CB-55	735.97	#12	4X3	3.9	D-CB-12S			1												
6B	LIBMREV	206+00.00	-4	CB-56	735.64	#25	4X3	4.31	D-CB-12S										1					
6B	LIBMREV	206+00.00	32	CB-57	734.77	#12	4X3	4.27	D-CB-12S				1											
4B	LIBWREV	102+31.40	-25.3	CB-82	719.62	#12	4' DIA	3.89	D-CB-12RA			1												
4B	LIBWREV	102+31.40	25.3	CB-83	719.62	#12	4' DIA	3.77	D-CB-12RA			1												
4B	LIBWREV	102+32.73	0	CB-84	720.3	MH	5' DIA	4.89	D-MH-2	1														
4B	LIBWREV	104+81.93	-3.92	CB-79	723.59	MH	5' DIA	5.07	D-MH-2	1														
4B	LIBWREV	104+85.00	-32	CB-80	722.91	#12	4' DIA	3.89	D-CB-12RA			1												
4B	LIBWREV	104+85.00	32	CB-81	722.91	#12	4' DIA	3.92	D-CB-12RA			1												
5B	LIBWREV	105+80.00	-32	CB-85	723.52	#12	4' DIA	3.89	D-CB-12RA			1												
5B	LIBWREV	105+80.00	32	CB-86	723.52	#12	4' DIA	3.89	D-CB-12RA			1												
5B	LIBWREV	107+21.00	32	CB-75	724.23	#12	4' DIA	6.23	D-CB-12RA				1											
5B	LIBWREV	107+21.00	-32	CB-77	724.23	#12	4' DIA	3.93	D-CB-12RA			1												
5B	LIBWREV	107+21.00	0	CB-78	725.02	MH	5' DIA	5.02	D-MH-2	1														
7B	MALLORY	500+93.81	-58.3	CB-43	740.1	#12	5' DIA	5.02	D-CB-12RB				1											
7B	MALLORY	500+97.00	12.68	CB-47	742.62	#12	4X3	3.9	D-CB-12S			1												
11B	MALLORY	501+83.31	36	CB-41	745.38	#12	4X4	8.23	D-CB-12SB					1										
11B	MALLORY	501+83.48	8	CB-54	744.54	#12	4X4	7.68	D-CB-12SB				1											
11B	MALLORY	501+84.05	-48.3	CB-42	742.59	#12	4X4	6.16	D-CB-12SB				1											
11B	MALLORY	502+69.00	-48	CB-25	745.19	#12	4X3	3.9	D-CB-12S			1												
11B	MALLORY	502+71.62	8	CB-26	746.19	#12	4X3	3.9	D-CB-12S			1												
11B	MALLORY	504+45.00	36	CB-24	751.64	#12	4X3	3.9	D-CB-12S			1												
11B	MALLORY	504+52.89	-48.3	CB-23	751.63	#12	4X3	4.86	D-CB-12S				1											
5B	LIBMREV	201+00.00	61	CB-88	724.91	#42	4X4	N/A	D-CB-42SB													1		
5B	RND1	10+43.81	13.11	CB-73	725.33	#12	4' DIA	3.89	D-CB-12RA			1												
5B	RND1	11+33.17	1.82	CB-71	726.08	#12	4' DIA	n/a	D-CB-12RA							1								
5B	RND1	13+93.22	8.18	CB-72	726.14	#12	4' DIA	4.48	D-CB-12RA				1											
7B	RND2	20+50.82	8.2	CB-45	739.26	#12	5' DIA	7.43	D-CB-12RB				1											
7B	RND2	24+53.85	23.41	CB-44	739.2	#12	5' DIA	5.35	D-CB-12RB				1											
7B	RND2	24+81.54	0.51	CB-46	738.69	#42	4X4	5.45	D-CB-42SB													1		
9B	ROYALREV	402+00.00	30	CB-1	744.58	#12	4X3	4.62	D-CB-12S				1											
9B	ROYALREV	402+00.00	45.41	CB-2	744.55	#38	4X4	4.36	D-CB-38SB												1			
9B	ROYALREV	402+00.00	-30	CB-3	744.58	#12	4X3	5.52	D-CB-12S				1											
9B	ROYALREV	402+00.00	-44.81	CB-27	743.11	#38	4X4	3.82	D-CB-38SB										1					
9B	ROYALREV	403+16.01	32	CB-4	742.85	#12	4X3	4.44	D-CB-12S				1											
9B	ROYALREV	403+18.50	-32	CB-5	742.82	#12	4X3	4.5	D-CB-12S				1											
10B	ROYALREV	404+69.00	-32	CB-7	741.2	#12	4X3	3.9	D-CB-12S			1												
10B	ROYALREV	404+70.00	32	CB-6	741.19	#12	4X3	4.44	D-CB-12S				1											
10B	ROYALREV	406+80.50	32	CB-8	739.12	#14	8' DIA	7.73	D-CB-14RB								1							
10B	ROYALREV	406+80.50	-32	CB-11	739.12	#14	8' DIA	8.33	D-CB-14RB									1						
10B	ROYALREV	407+48.23	46.54	CB-10	740.83	#12	4' DIA	n/a	D-CB-12RA							1								
7B	ROYALREV	407+99.08	-45.88	CB-53	740.47	MH	7' DIA	15.63	D-MH-2		1												REPLACE	
7B	ROYALREV	407+51.61	-32	CB-12	739.86	#12	5' DIA	14.54	D-CB-12RB					1										
5B	STANWICK	600+90.13	30.38	CB-70	726.08	#12	4' DIA	3.89	D-CB-12RA			1												
TOTALS										5		20	20	3	1	2	1	1	1	1	2	2		

REVISED
NO. DATE BY DESCRIPTION

REVISIONS

DESCRIPTION

TABULATED QUANTITIES

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2A

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 196 of 554

STORM DRAINAGE PIPES													
SHEET NO.	FROM		TO		%	RCP CLASS III						Remarks	
	CODE	OUTLET ELEV.	CODE	INLET ELEV.		GRADE	607-02.02	607-03.02	607-05.02	607-06.02	607-07.02		607-08.02
							15" (L.F.)	18" (L.F.)	24" (L.F.)	30" (L.F.)	36" (L.F.)		42" (L.F.)
9B	CB-2	740.19	CB-1	740.13	0.50			13					
9B	CB-27	739.29	CB-3	739.23	0.50		12						
9B	CB-1	739.96	CB-4	738.58	1.23			112					
9B	CB-3	739.06	CB-5	738.49	0.50		115						
9B	CB-4	738.41	CB-6	736.92	0.99			150					
9B	CB-5	738.32	CB-7	737.47	0.58		147						
10B	CB-6	736.75	CB-8	734.38	1.14			209					
10B	CB-7	737.30	CB-11	734.88	1.21		201						
10B	CB-8	731.39	CB-11	731.12	0.50					55			
10B	CB-29	732.01	CB-8	731.89	0.50					24			
10B	CB-11	730.79	CB-12	730.47	0.50						64		
7B	CB-12	725.32	CB-33	724.94	0.83						46		
8B	CB-31	753.85	CB-34	753.42	0.50			0				87' EXIST TO REMAIN	
8B	CB-34	753.25	CB-17	752.32	0.50			185					
8B	CB-17	749.15	CB-18	748.01	1.70			67					
8B	CB-18	747.91	CB-35	747.76	0.50							30' EXIST TO REMAIN. ADJUST INVERTS IF NEEDED	
7B	CB-36	735.09	CB-37	735.05	0.50		9						
7B	CB-22	745.75	CB-38	745.05	2.32							30' EXIST TO REMAIN	
7B	CB-21	736.51	CB-39	735.05	10.00		15						
11B	CB-24	747.74	CB-23	746.95	1.00		80						
11B	CB-23	746.78	CB-25	741.46	3.02		176						
11B	CB-25	741.29	CB-42	738.77	3.29		77						
11B	CB-42	736.43	CB-43	735.29	1.36				84				
7B	CB-43	735.08	CB-44	734.35	1.31				55				
7B	CB-49	743.68	CB-44	735.35	18.00		0					46' EXIST TO REMAIN	
7B	CB-44	733.85	CB-46	733.41	1.30					34			
7B	CB-46	733.24	CB-45	732.96	0.50					57			
7B	CB-45	731.83	CB-53	731.29	10.00					5			
11B	CB-26	742.29	CB-25	741.46	1.56		53						
11B	CB-40	740.20	CB-41	738.15	10.00		20						
11B	CB-41	737.15	CB-54	737.03	0.50				23				
11B	CB-54	736.86	CB-42	736.60	0.50				52				
7B	CB-47	738.72	CB-43	736.29	3.61		67						
7B	CB-50	741.46	CB-51	740.99	2.42	19							
6B	CB-55	732.07	CB-56	731.50	2.47		23						
6B	CB-56	731.33	CB-57	730.67	2.00		33						
6B	CB-57	730.50	CB-66	726.95	2.88		123						
6B	CB-66	726.78	CB-58	724.09	2.02		133						
6B	CB-59	723.92	CB-60	723.78	0.50		27						
6B	CB-60	723.78	CB-58	723.65	0.50		27						
6B	CB-58	723.65	CB-61	723.20	0.70		64						
5B	CB-67	723.34	CB-62	722.21	6.21		0					18' EXIST TO REMAIN	
5B	CB-62	721.66	CB-63	721.51	0.50			31					
5B	CB-63	721.34	CB-64	721.20	0.50			27					
5B	CB-64	720.59	CB-65	720.48	0.50			21					
6B	CB-68	722.84	CB-62	722.16	0.50		136						
6B	CB-69	722.84	CB-64	722.22	0.50		124						
5B	CB-70	722.19	CB-72	721.83	0.50		71						
5B	CB-77	720.30	CB-78	720.17	0.50		27						
5B	CB-78	720.00	CB-75	719.86	0.50		27						
5B	CB-75	718.00	CB-76	716.62	3.65			38					
5B	CB-72	721.66	CB-77	720.47	0.98		122						
5B	CB-73	721.44	CB-75	720.47	1.16		84						
4B	CB-80	719.02	CB-79	718.52	2.15		23						
4B	CB-81	718.99	CB-79	718.52	1.51		31						
5B	CB-85	719.63	CB-80	719.19	0.52		86						
5B	CB-86	719.63	CB-81	719.16	0.50		95						
4B	CB-79	718.52	CB-84	715.75	1.13		244						
4B	CB-84	715.41	CB-87	712.06	1.78			0				188' EXIST TO REMAIN	
4B	CB-82	715.73	CB-84	715.45	1.40		20						
4B	CB-83	715.85	CB-84	715.45	1.99		20						
TOTALS						19	2512	852	215	120	165		

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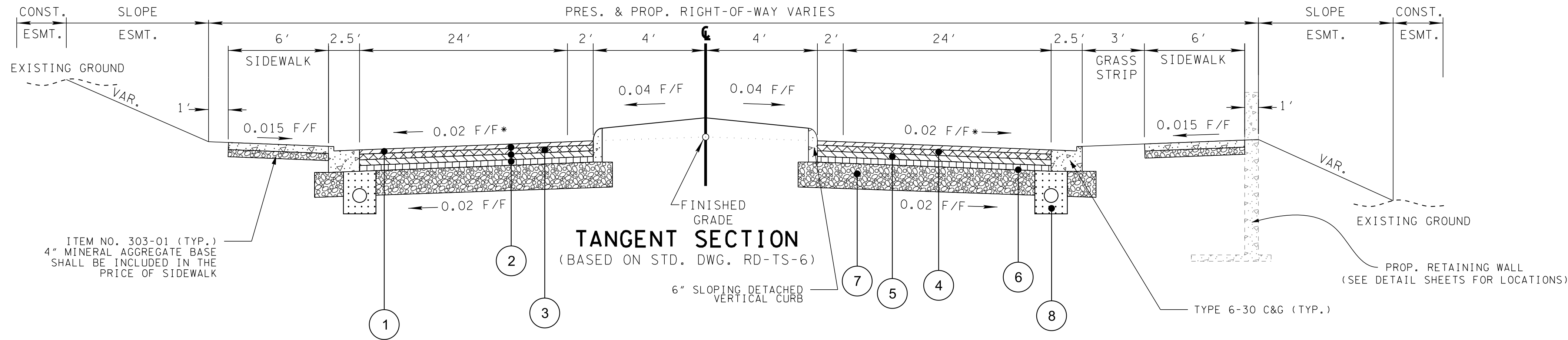
VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TABULATED QUANTITIES

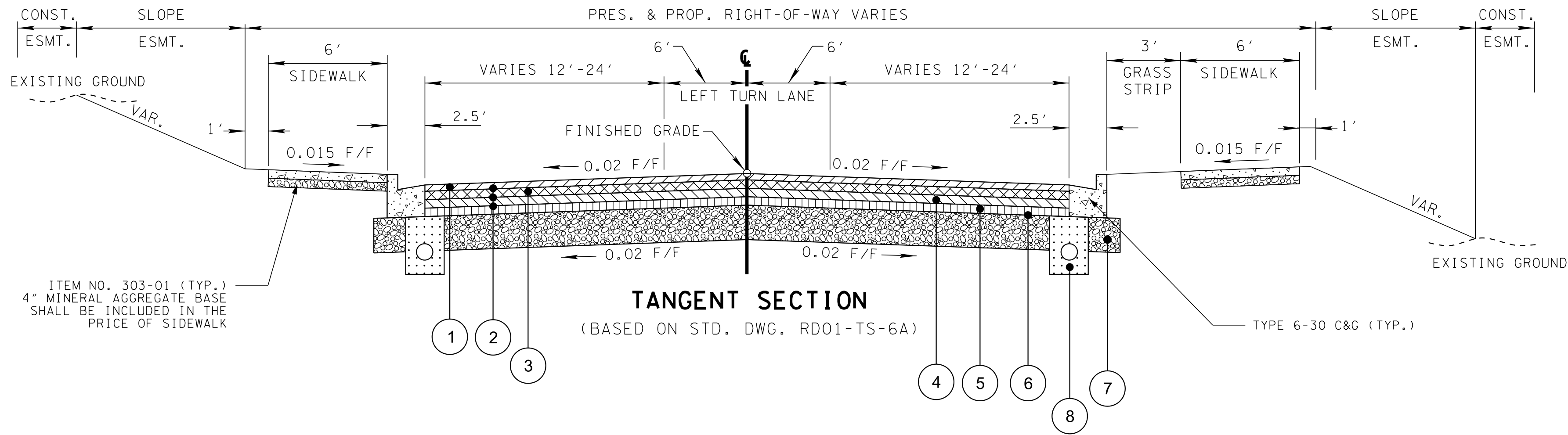
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____	
DESIGNED BY: _____	
DRAWN BY: _____	
SUPERVISED BY: _____	
CHECKED BY: _____	
YEAR: 2023	
SHEET NO: 2A1	



LIBERTY PIKE WEST OF ROUNDABOUT 1
LIBERTY PIKE STA. 104+85.79 TO STA. 108+21.87

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



LIBERTY PIKE WEST OF ROUNDABOUT 1
LIBERTY PIKE STA. 101+60.00 TO STA. 104+85.79

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

REVISIONS		DESCRIPTION
NO.	DATE	BY

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

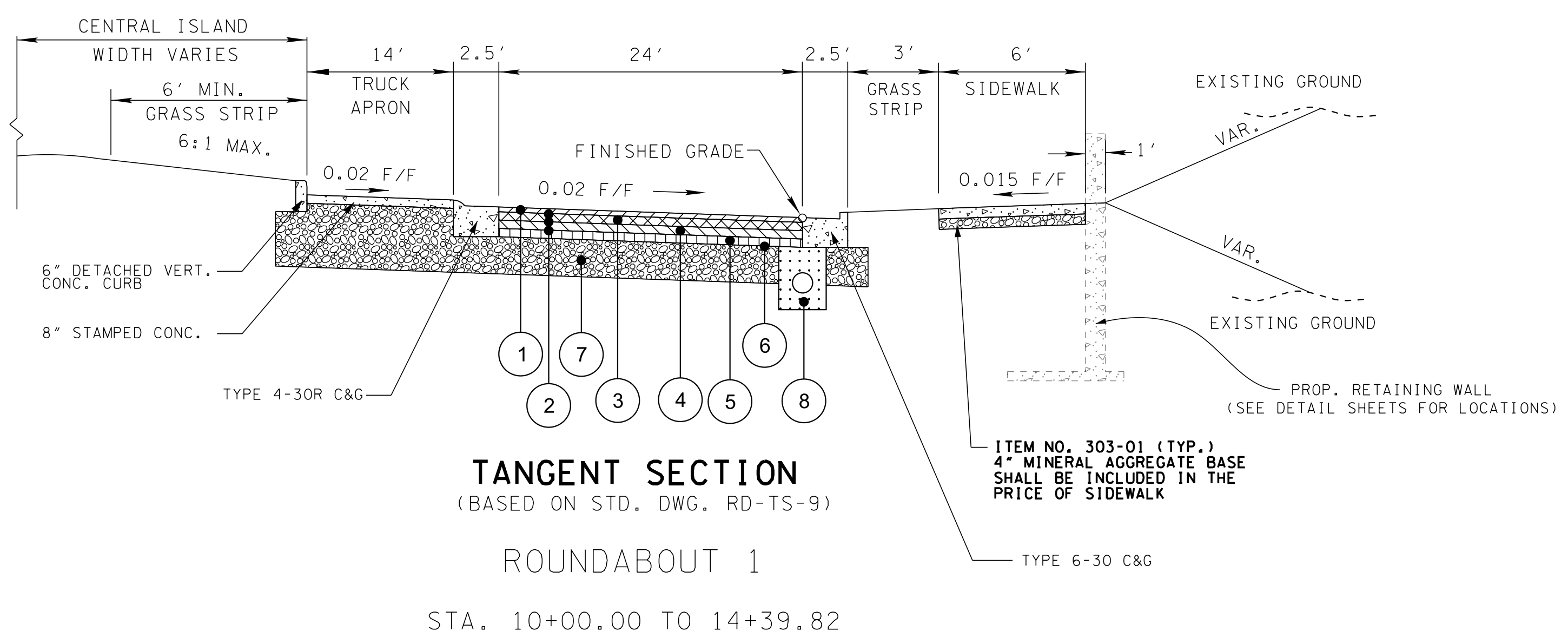
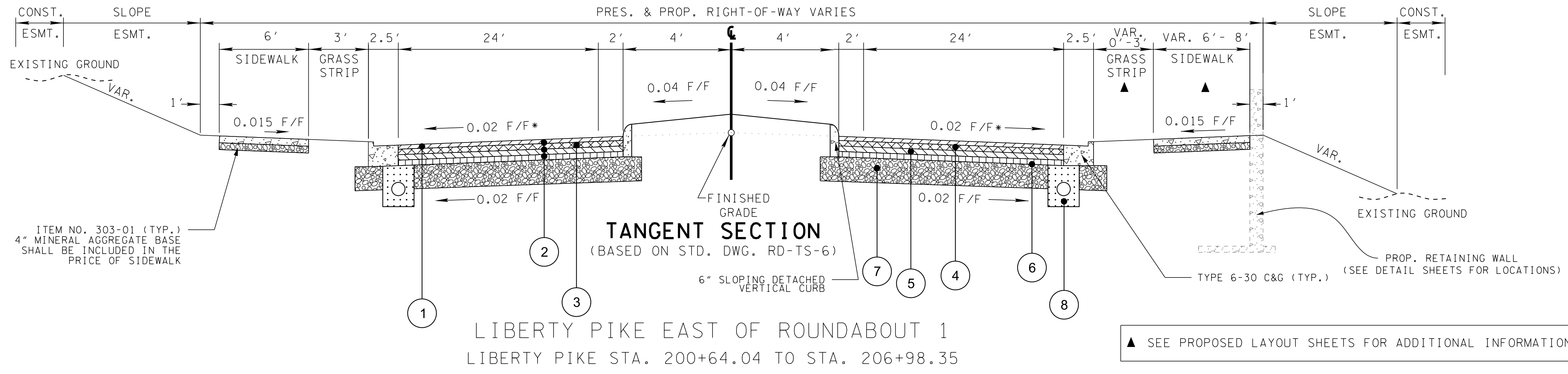
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B

Page 199 of 554



PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

REVISECTIONS

DESCRIPTION

NO

DATE

BY

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

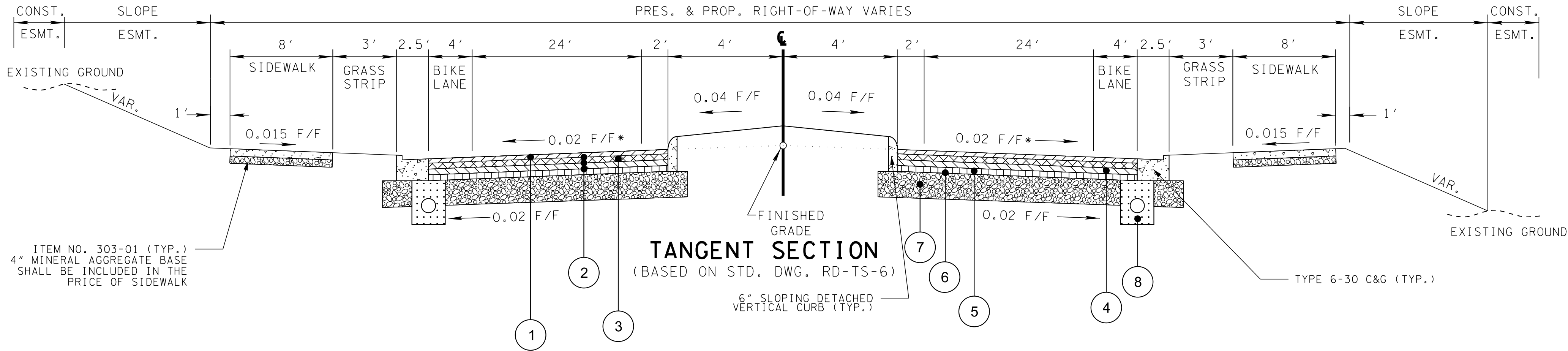
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

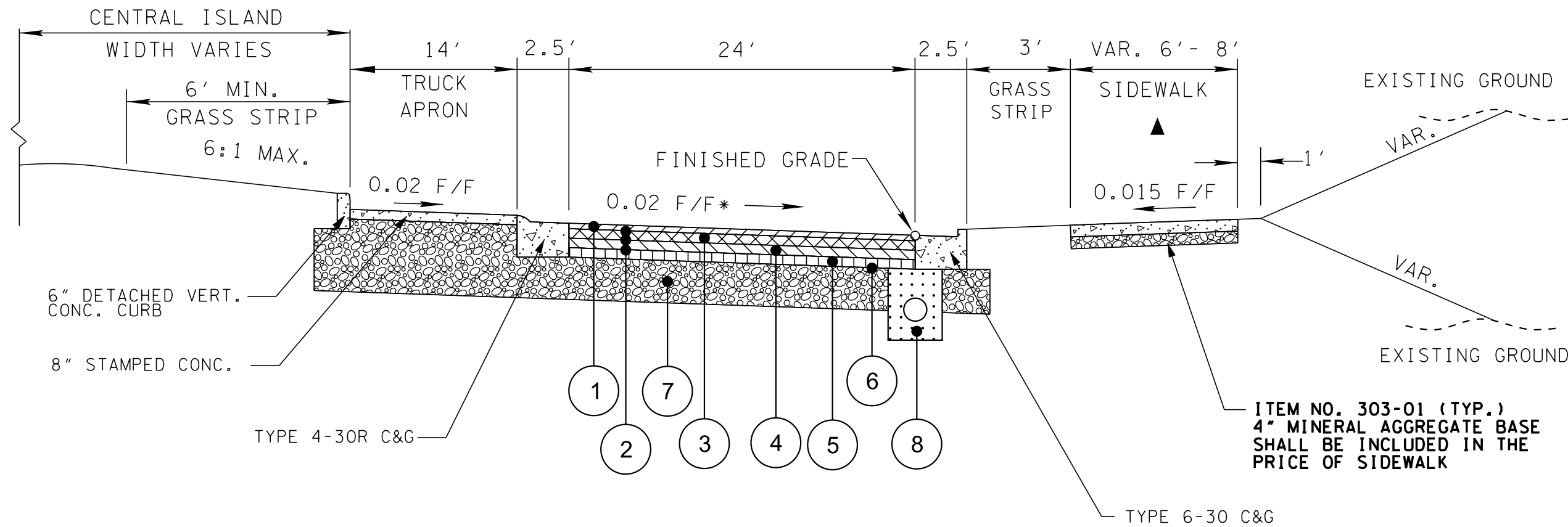
YEAR: 2023

SHEET NO: 2B1



LIBERTY PIKE EAST OF ROUNDABOUT 2
LIBERTY PIKE STA. 300+77.89 TO STA. 305+37.44

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



TANGENT SECTION
(BASED ON STD. DWG. RD-TS-9)

ROUNDABOUT 2

STA. 20+00.00 TO 24+90.09

▲ SEE PROPOSED LAYOUT SHEETS FOR ADDITIONAL INFORMATION

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

REVISIONS	
NO.	DESCRIPTION

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

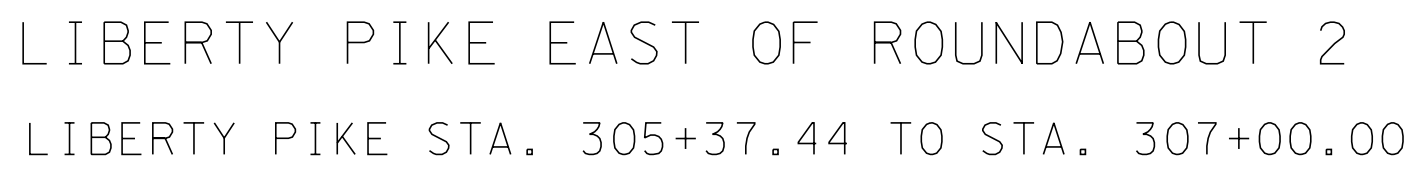
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B2



PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

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VOLKERT

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

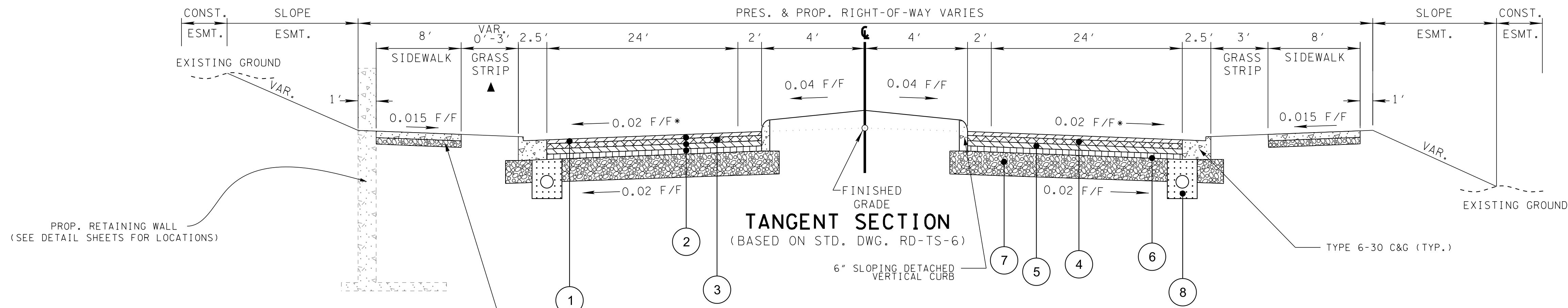
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

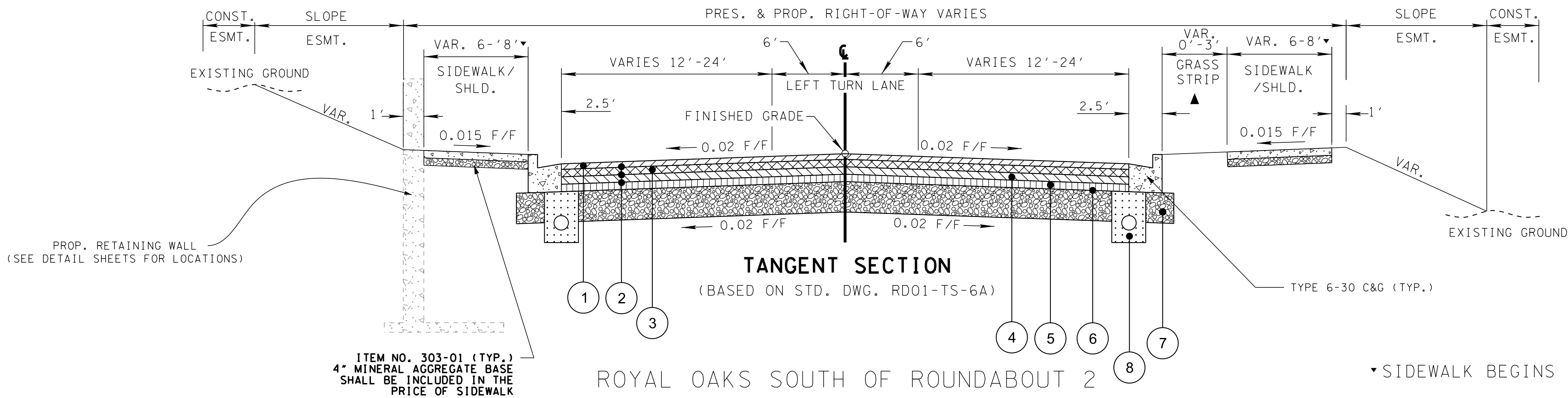
SHEET NO: 2B3



ROYAL OAKS SOUTH OF ROUNDABOUT 2
ROYAL OAKS BLVD. STA. 406+40.00 TO STA. 407+66.79

▲ SEE PROPOSED LAYOUT SHEETS FOR ADDITIONAL INFORMATION

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



ROYAL OAKS SOUTH OF ROUNDABOUT 2
ROYAL OAKS BLVD. STA. 400+10.00 TO STA. 406+40.00

▼ SIDEWALK BEGINS AT STA. 401+90.00

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

REVISIONS		DESCRIPTION
NO.	DATE	BY

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

TYPICAL SECTIONS

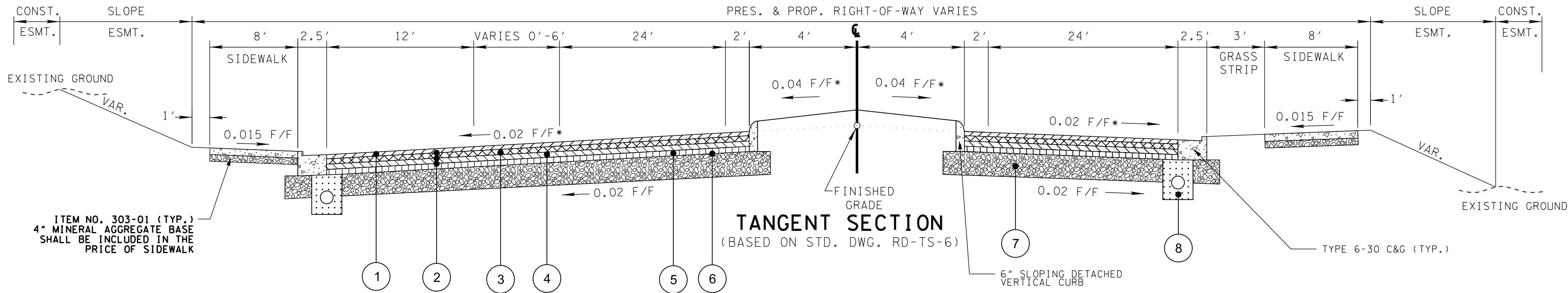
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

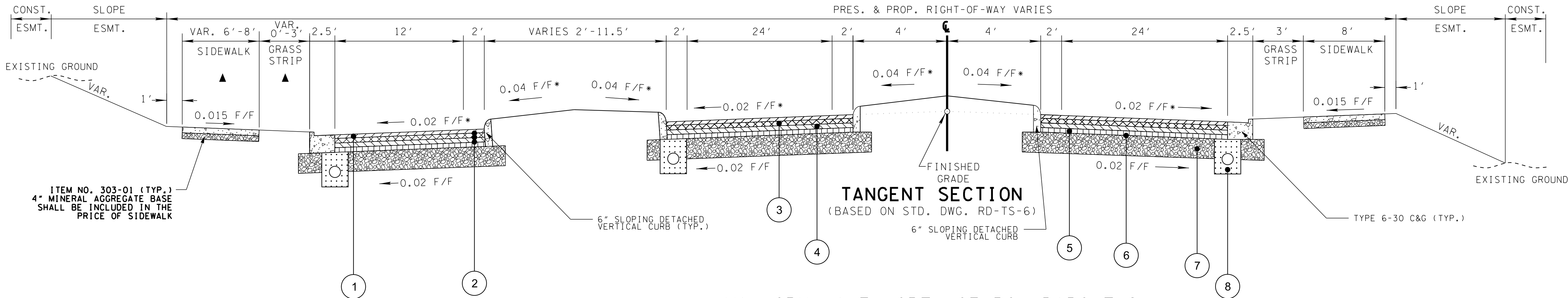
SHEET NO: 2B4

Page 203 of 554



MALLORY LANE NORTH OF ROUNDABOUT 2
MALLORY LANE STA. 501+37.43 TO STA. 506+00.00

* SLOPE MAY VARY. SEE DETAIL SHEETS AND PROFILES FOR ADDITIONAL INFORMATION REGARDING CROSS SLOPES.



MALLORY LANE NORTH OF ROUNDABOUT 2
MALLORY LANE STA. 500+60.16 TO STA. 501+37.43

▲ SEE PROPOSED LAYOUT SHEETS FOR ADDITIONAL INFORMATION

PAVEMENT SCHEDULE	
1 BITUMINOUS SURFACE COURSE @ 1.5" THICK (APPROX. 159 LB./S.Y.) ITEM NO. 411-03.10 ACS MIX (PG 76-22) GRADING D RDWY	5 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 360 LB./S.Y.) ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A-S
2 TRACKLESS TACK COAT @ 0.05 GAL./S.Y. ITEM NO. 403-02.01 ASPHALT CEMENT FOR TACK COAT (TC)	6 PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) @ 0.30-0.35 GAL./S.Y. ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LB./S.Y.
3 ASPHALT BINDER @ 2.0" THICK (APPROX. 226 LB./S.Y.) ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING B-M2	7 MINERAL AGGREGATE BASE @ 10.0" THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
4 BITUMINOUS AGGREGATE BASE @ 4.0" THICK (APPROX. 460 LB./S.Y.) ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING A	8 AGGREGATE UNDERDRAIN WITH PIPE ITEM NO. 710-02 DETAIL "A" STD. DWG. RD-UD-3

REVISIONS		DESCRIPTION
NO.	DATE	BY

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B5

[illegible]

VOLKERT

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

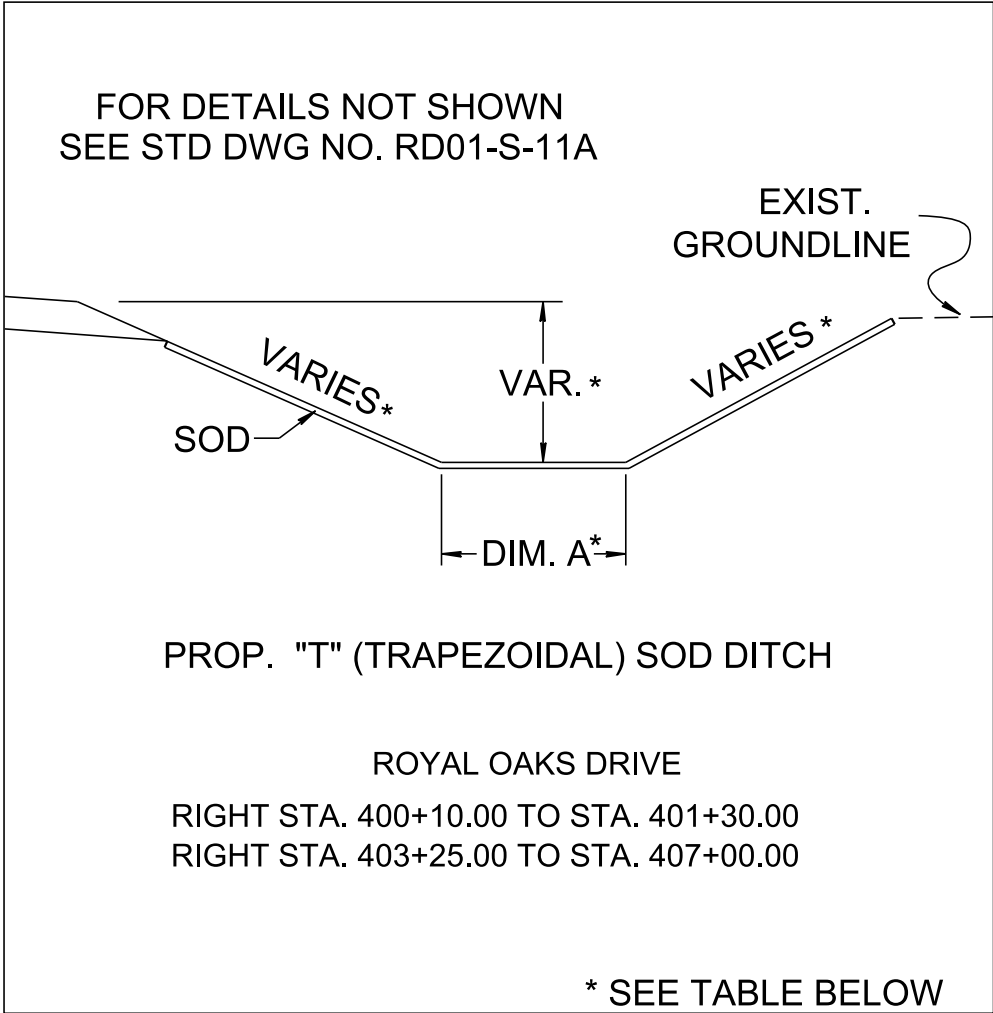
TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

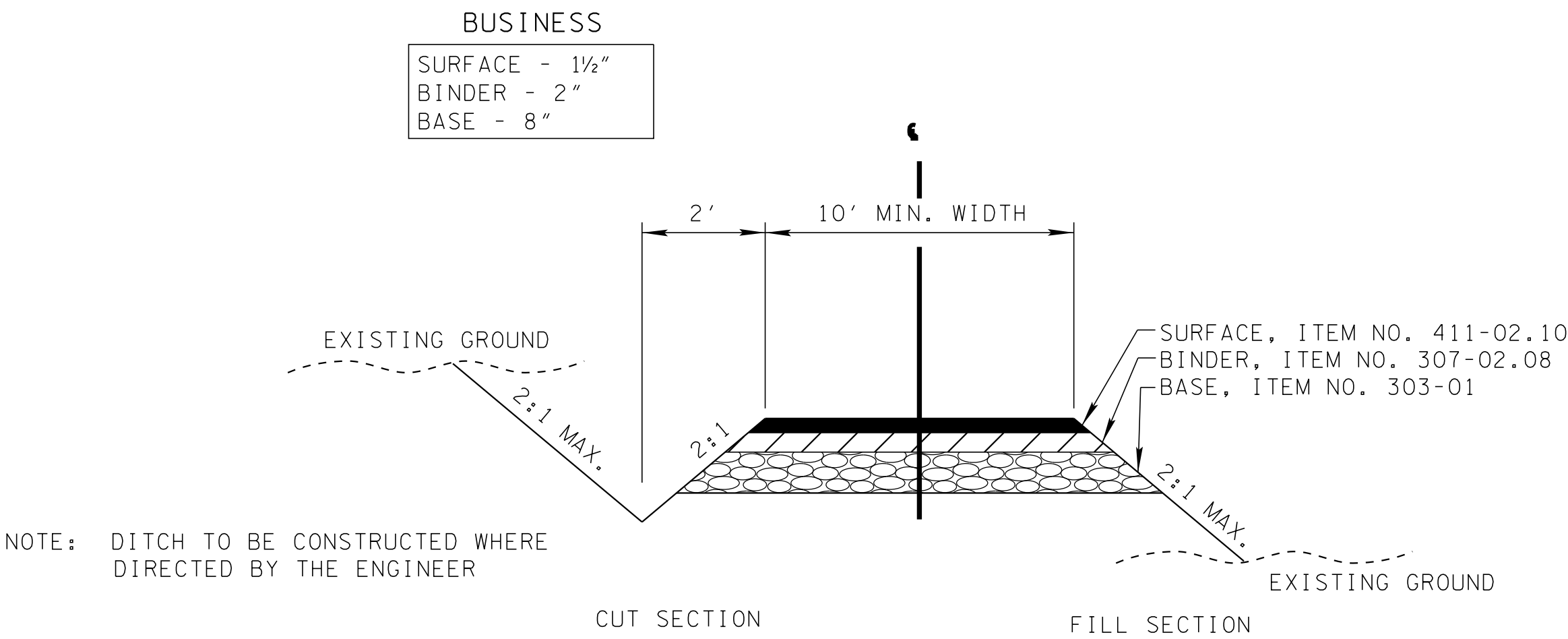
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

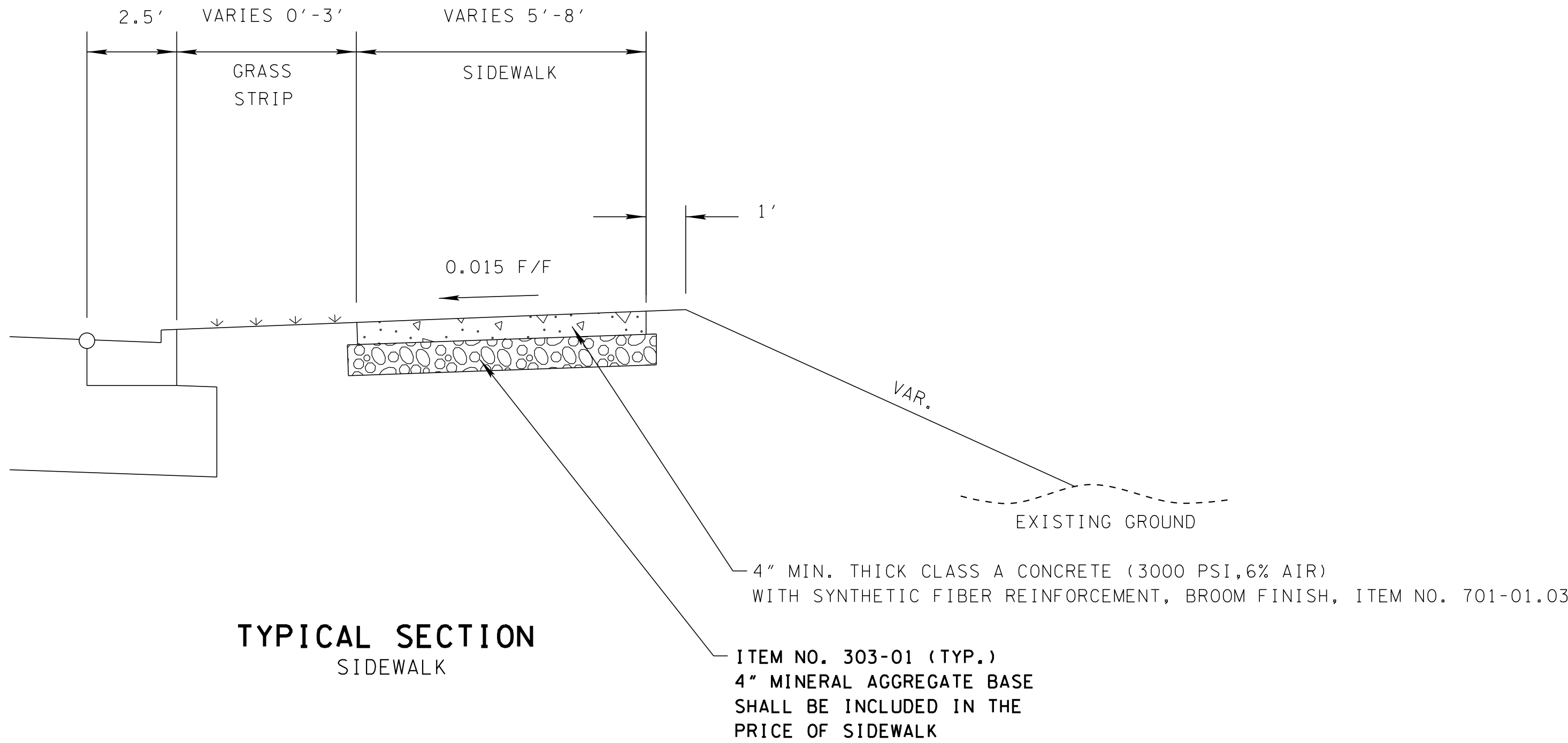
SHEET NO: 2B6



SPECIAL DITCH TYPICAL



TYPICAL SECTION
PRIVATE DRIVE



TYPICAL SECTION
SIDEWALK

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

TYPICAL SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

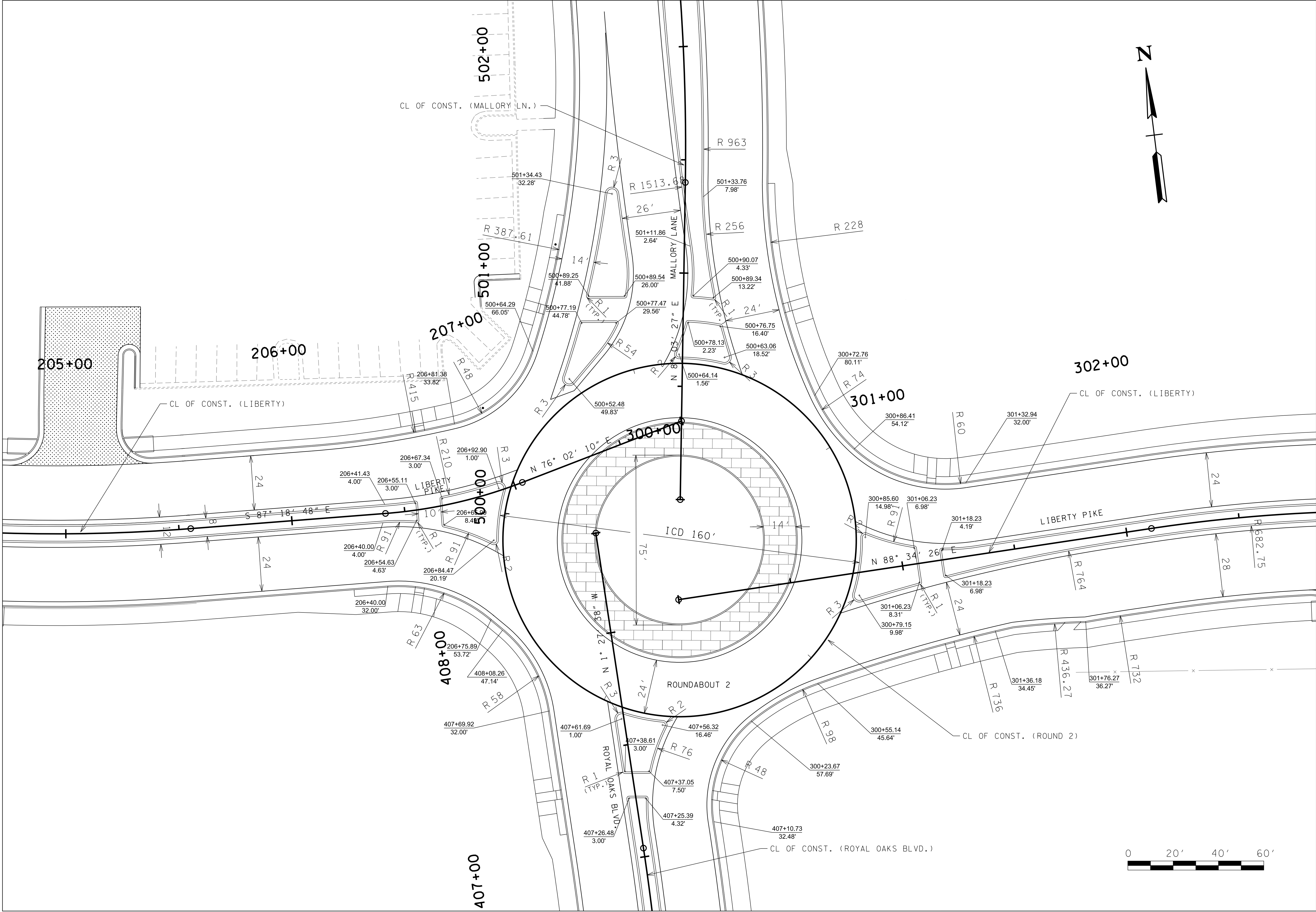
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2B7



REVISIONS		DESCRIPTION	
NO	DATE	BY	

ROUNDABOUT DETAILS
(ROUNDABOUT 2)

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

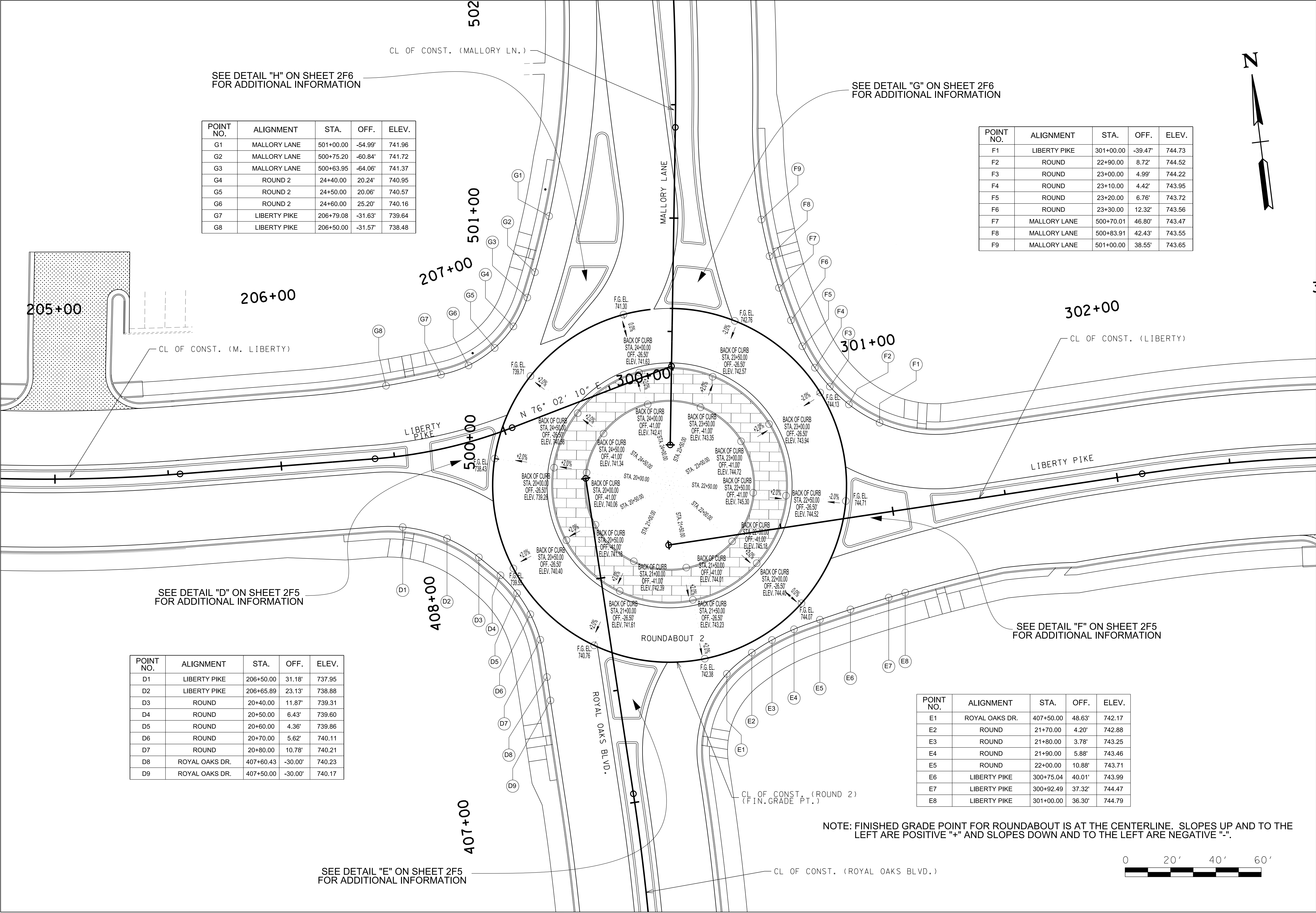
YEAR: 2023

SHEET NO: 2F2

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 209 of 554



SEE DETAIL "H" ON SHEET 2F6
FOR ADDITIONAL INFORMATION

SEE DETAIL "G" ON SHEET 2F6
FOR ADDITIONAL INFORMATION

POINT NO.	ALIGNMENT	STA.	OFF.	ELEV.
G1	MALLORY LANE	501+00.00	-54.99'	741.96
G2	MALLORY LANE	500+75.20	-60.84'	741.72
G3	MALLORY LANE	500+63.95	-64.06'	741.37
G4	ROUND 2	24+40.00	20.24'	740.95
G5	ROUND 2	24+50.00	20.06'	740.57
G6	ROUND 2	24+60.00	25.20'	740.16
G7	LIBERTY PIKE	206+79.08	-31.63'	739.64
G8	LIBERTY PIKE	206+50.00	-31.57'	738.48

POINT NO.	ALIGNMENT	STA.	OFF.	ELEV.
F1	LIBERTY PIKE	301+00.00	-39.47'	744.73
F2	ROUND	22+90.00	8.72'	744.52
F3	ROUND	23+00.00	4.99'	744.22
F4	ROUND	23+10.00	4.42'	743.95
F5	ROUND	23+20.00	6.76'	743.72
F6	ROUND	23+30.00	12.32'	743.56
F7	MALLORY LANE	500+70.01	46.80'	743.47
F8	MALLORY LANE	500+83.91	42.43'	743.55
F9	MALLORY LANE	501+00.00	38.55'	743.65

POINT NO.	ALIGNMENT	STA.	OFF.	ELEV.
D1	LIBERTY PIKE	206+50.00	31.18'	737.95
D2	LIBERTY PIKE	206+65.89	23.13'	738.88
D3	ROUND	20+40.00	11.87'	739.31
D4	ROUND	20+50.00	6.43'	739.60
D5	ROUND	20+60.00	4.36'	739.86
D6	ROUND	20+70.00	5.62'	740.11
D7	ROUND	20+80.00	10.78'	740.21
D8	ROYAL OAKS DR.	407+60.43	-30.00'	740.23
D9	ROYAL OAKS DR.	407+50.00	-30.00'	740.17

POINT NO.	ALIGNMENT	STA.	OFF.	ELEV.
E1	ROYAL OAKS DR.	407+50.00	48.63'	742.17
E2	ROUND	21+70.00	4.20'	742.88
E3	ROUND	21+80.00	3.78'	743.25
E4	ROUND	21+90.00	5.88'	743.46
E5	ROUND	22+00.00	10.88'	743.71
E6	LIBERTY PIKE	300+75.04	40.01'	743.99
E7	LIBERTY PIKE	300+92.49	37.32'	744.47
E8	LIBERTY PIKE	301+00.00	36.30'	744.79

NOTE: FINISHED GRADE POINT FOR ROUNDABOUT IS AT THE CENTERLINE. SLOPES UP AND TO THE LEFT ARE POSITIVE "+" AND SLOPES DOWN AND TO THE LEFT ARE NEGATIVE "-".



REVISIONS

NO.	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

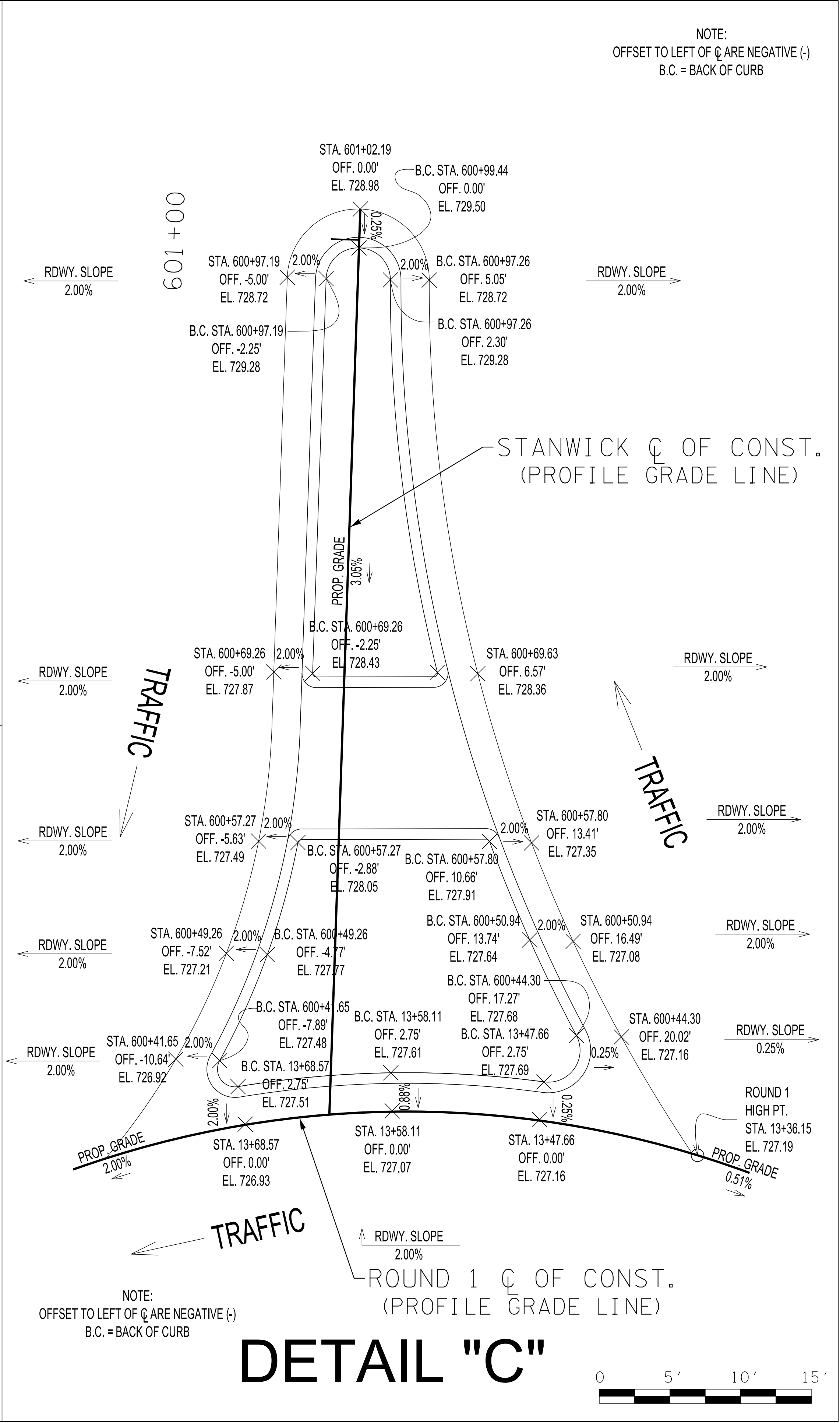
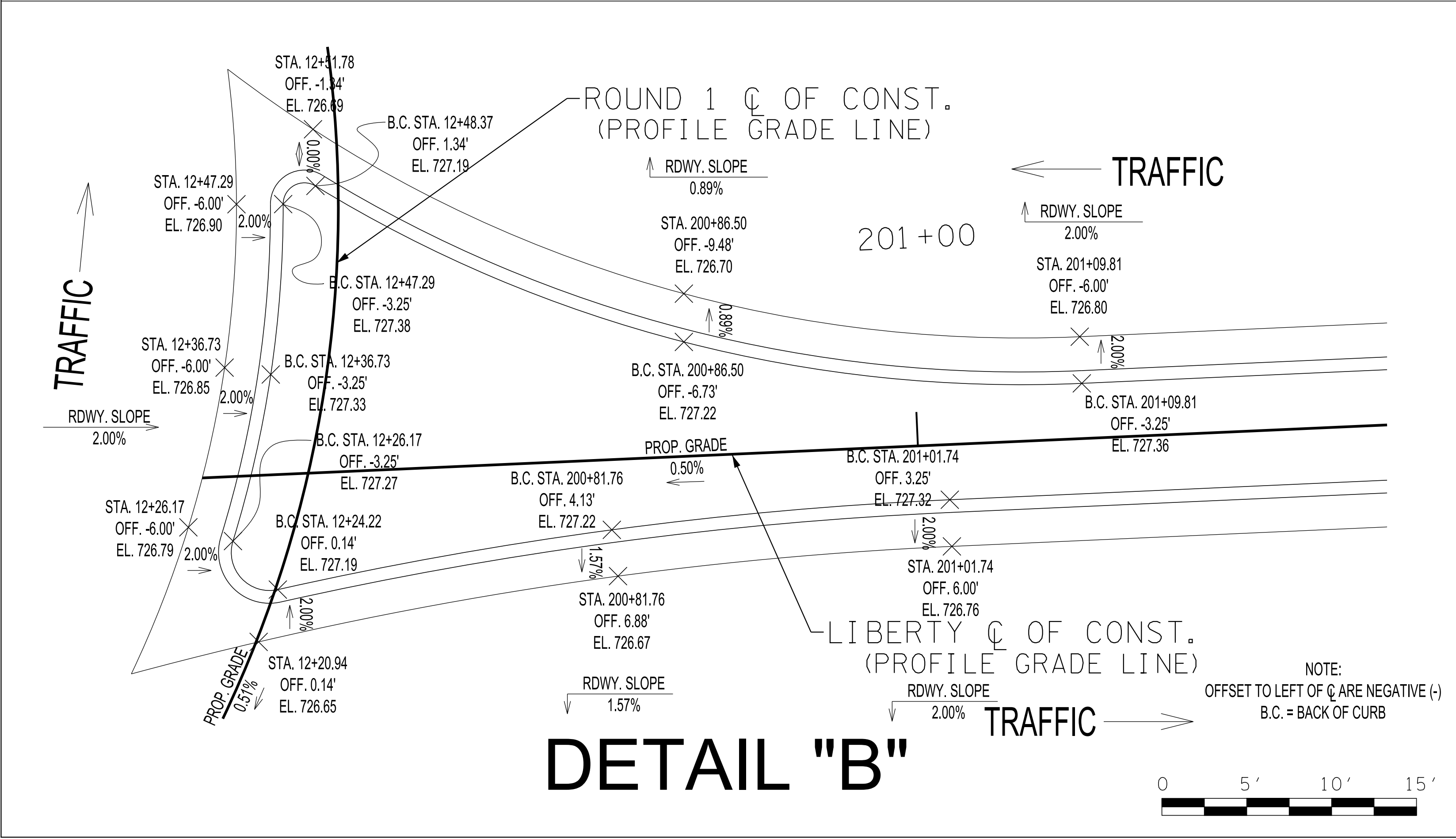
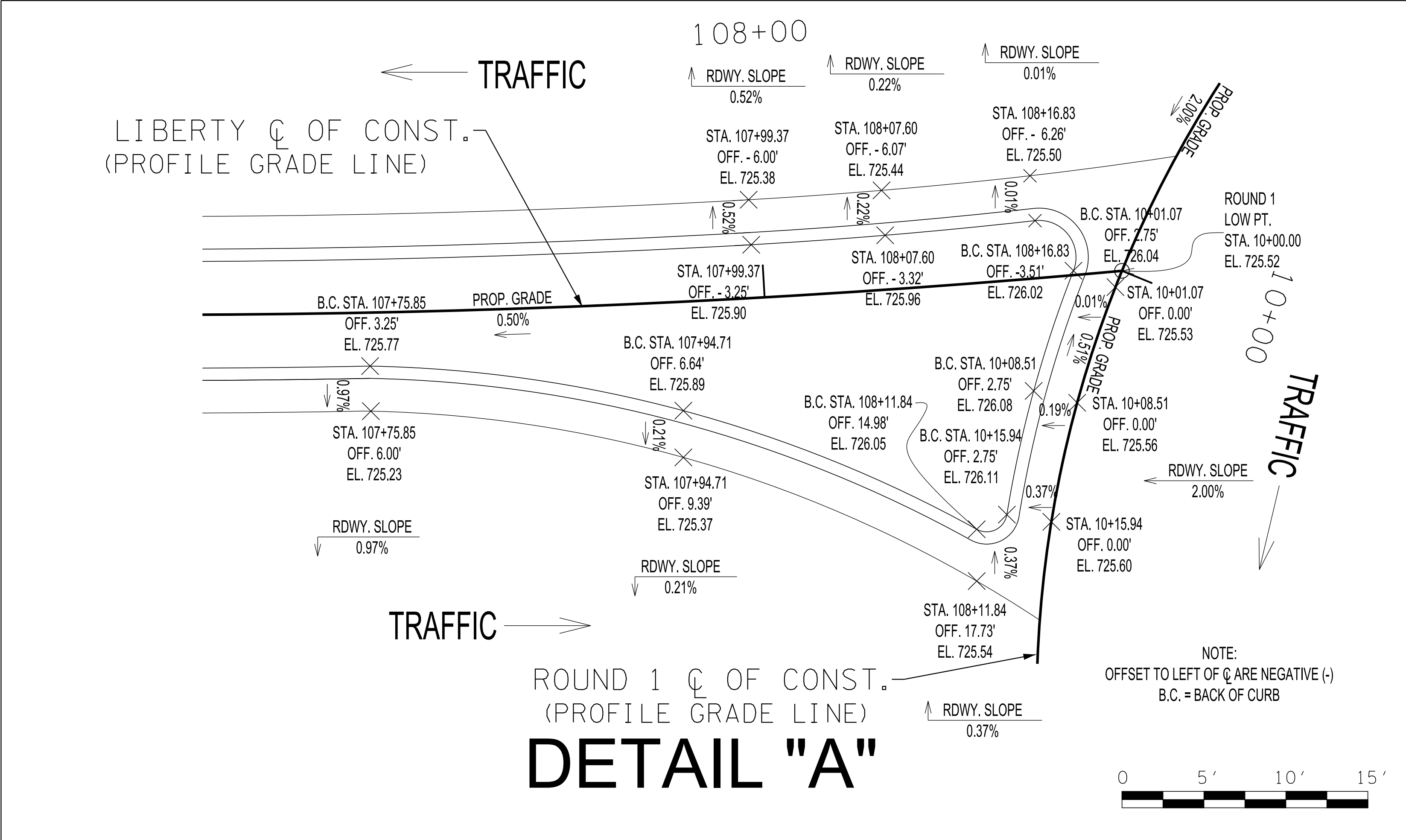
ROUNDABOUT DETAILS
(ROUNDABOUT 2)

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F3



REVISIONS	
NO	DATE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

ISLAND DETAILS
© (ROUNDABOUT 1)

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

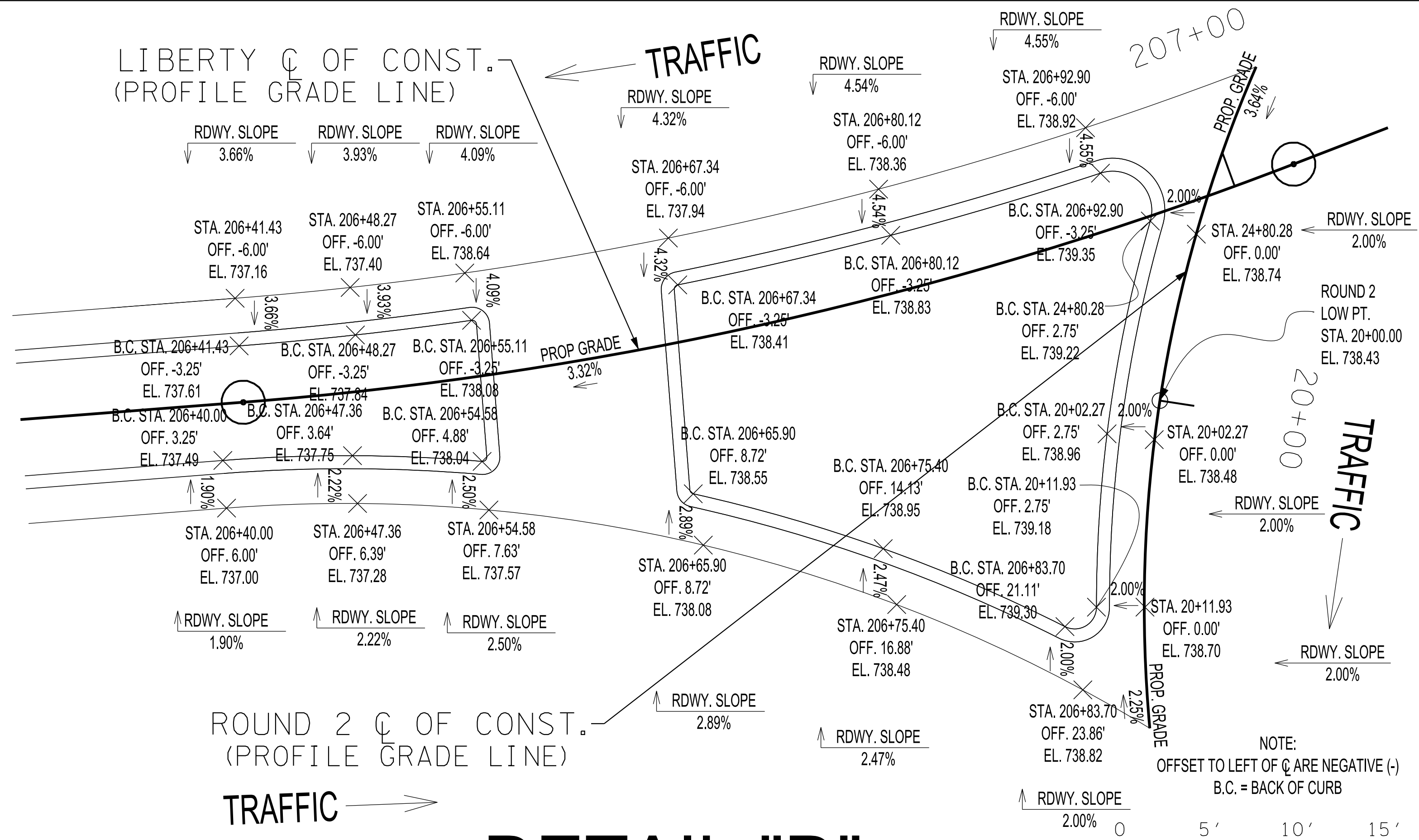
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SUPERVISED BY: _____

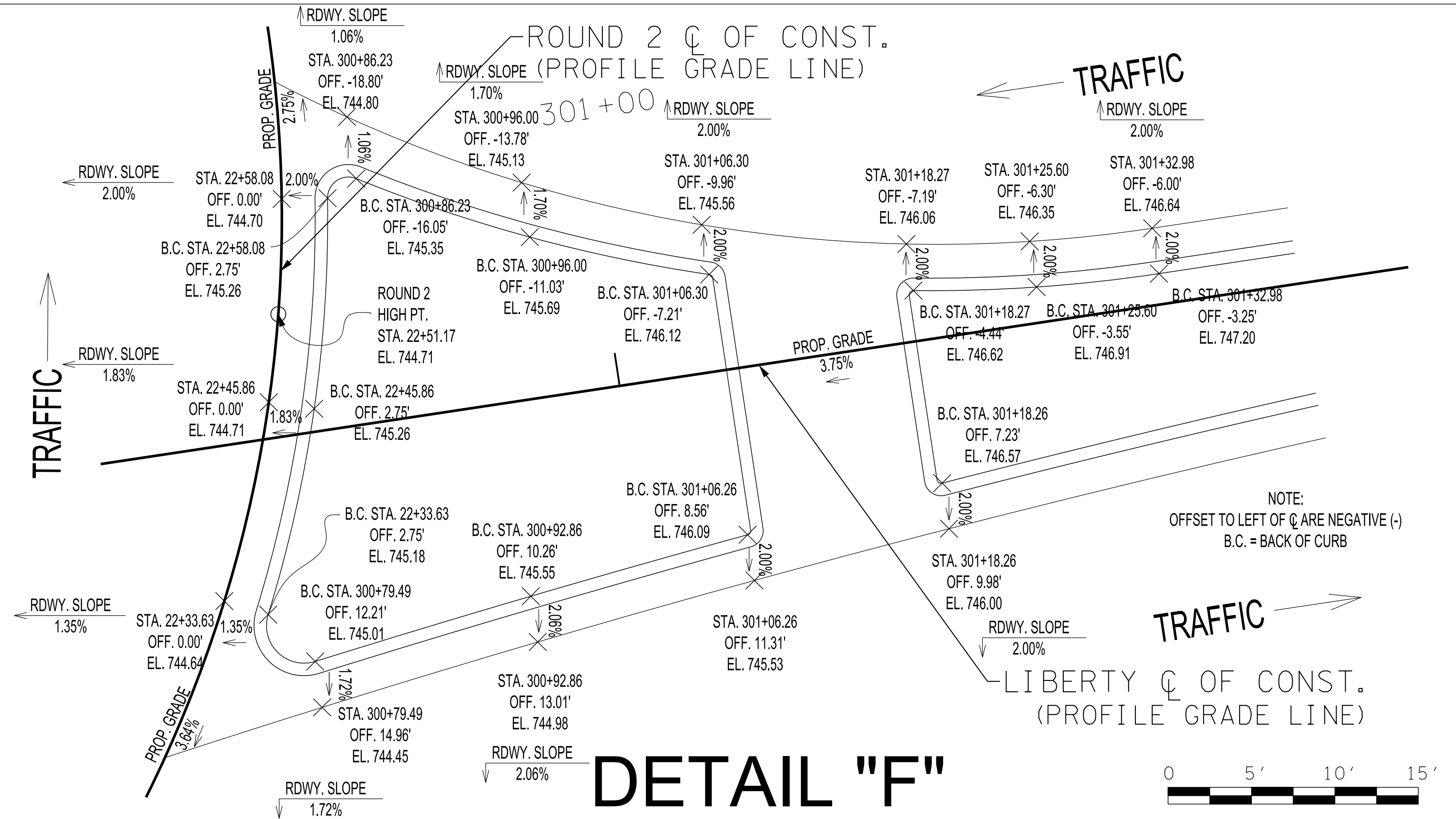
CHECKED BY: _____

YEAR: 2023

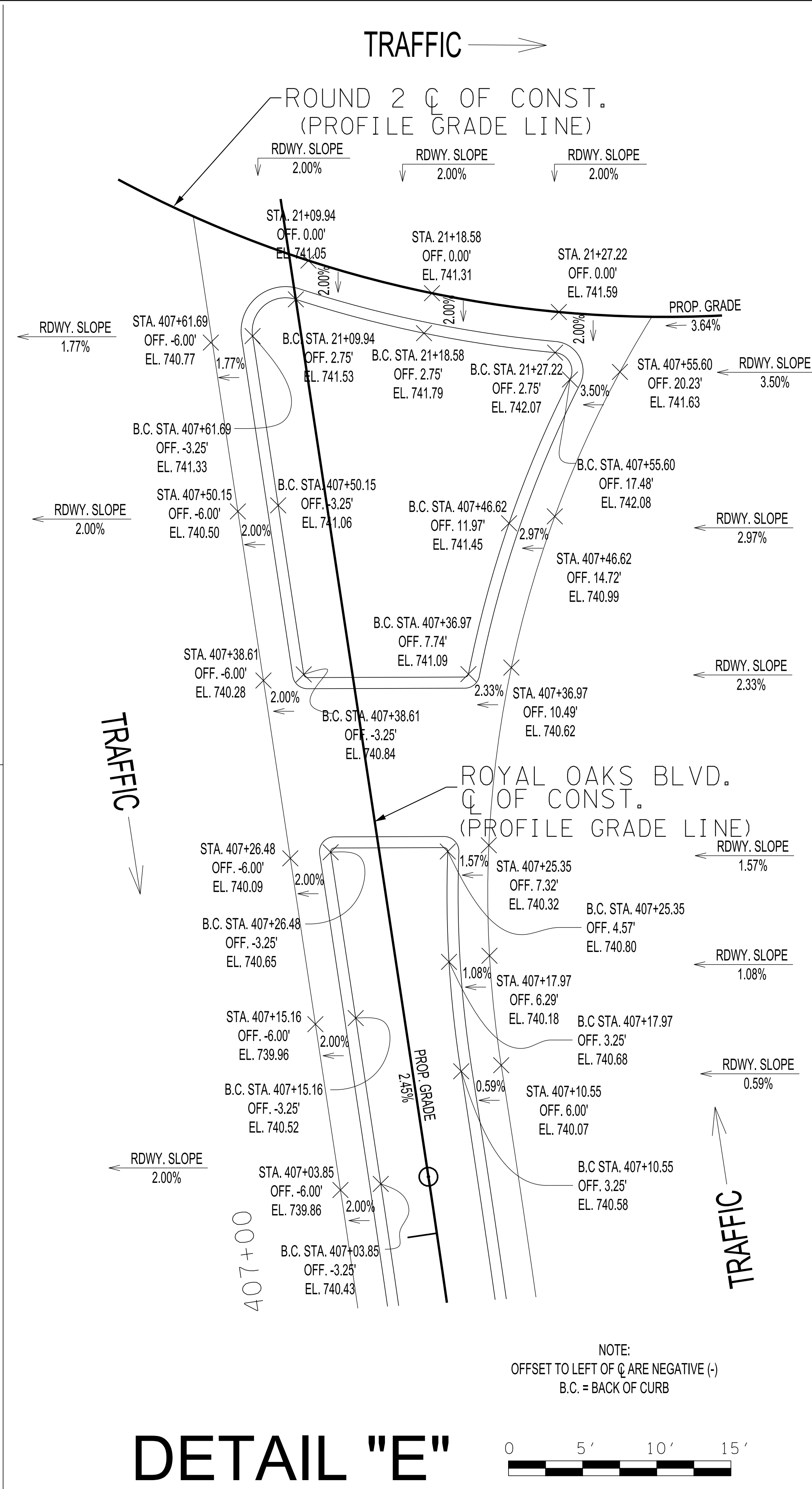
SHEET NO: 2F4



DETAIL "D"



DETAIL "F"



DETAIL "E"

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

ISLAND DETAILS
@
(ROUNDABOUT 2)
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

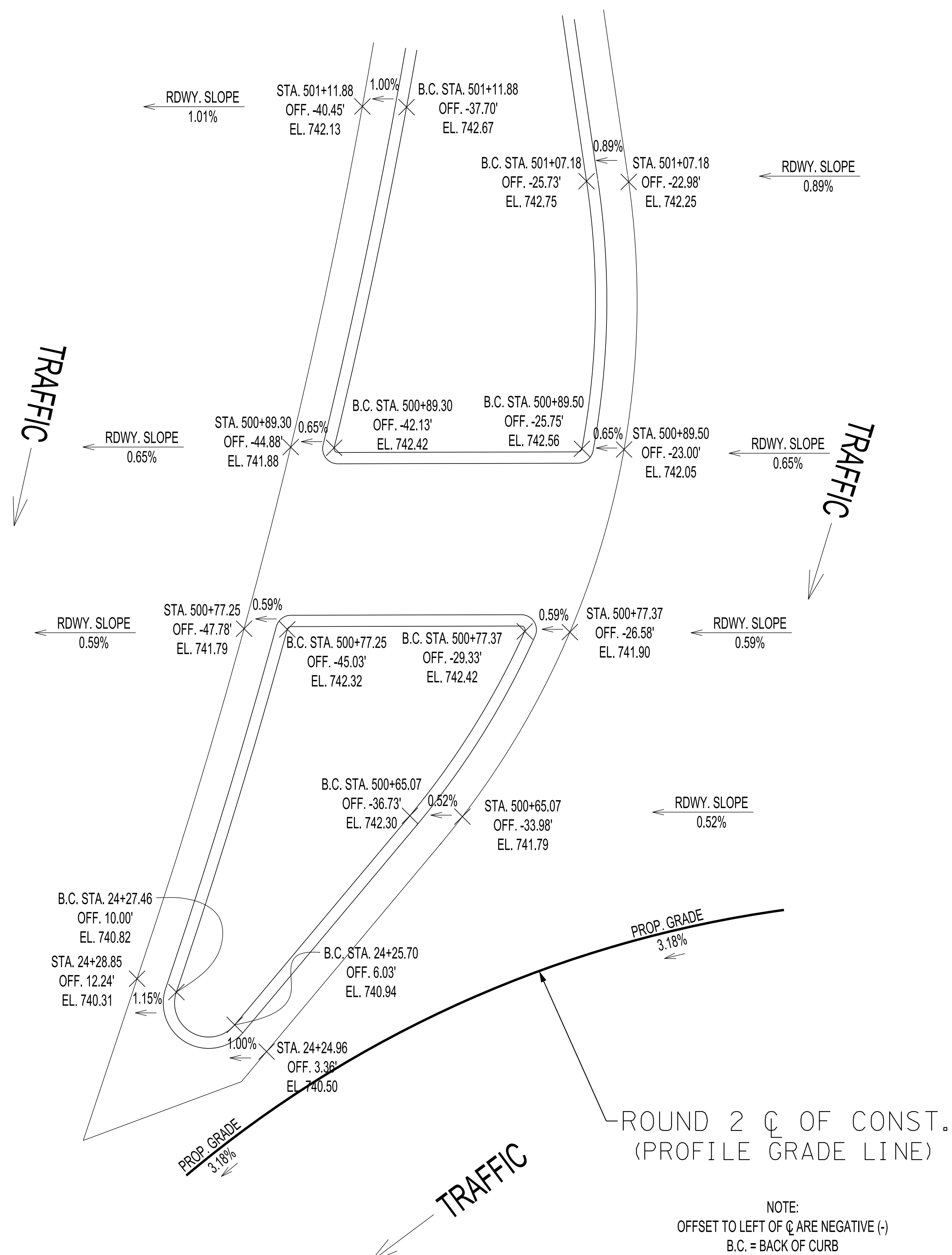
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SUPERVISED BY: _____

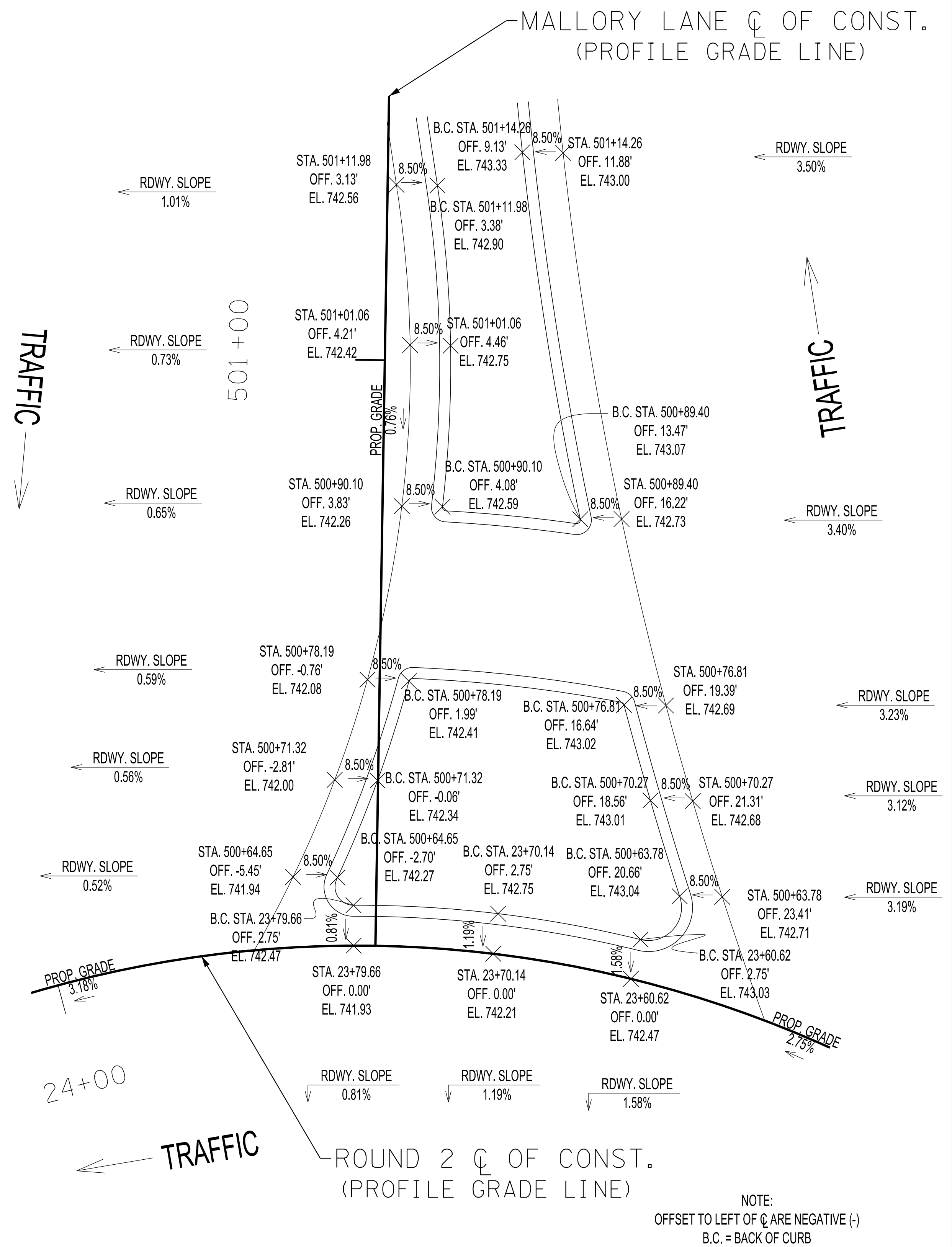
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F5



DETAIL "H"



DETAIL "G"



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

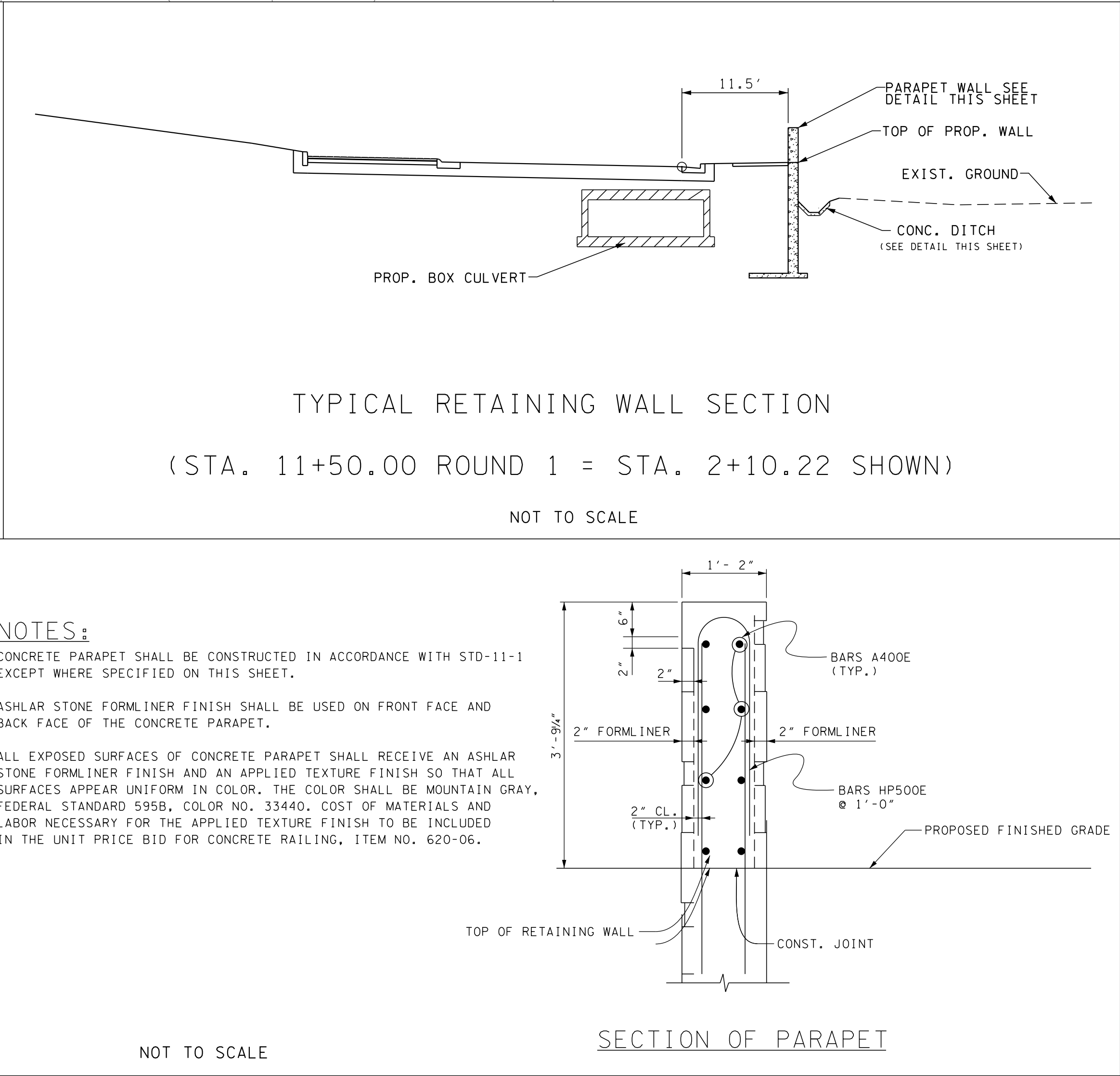
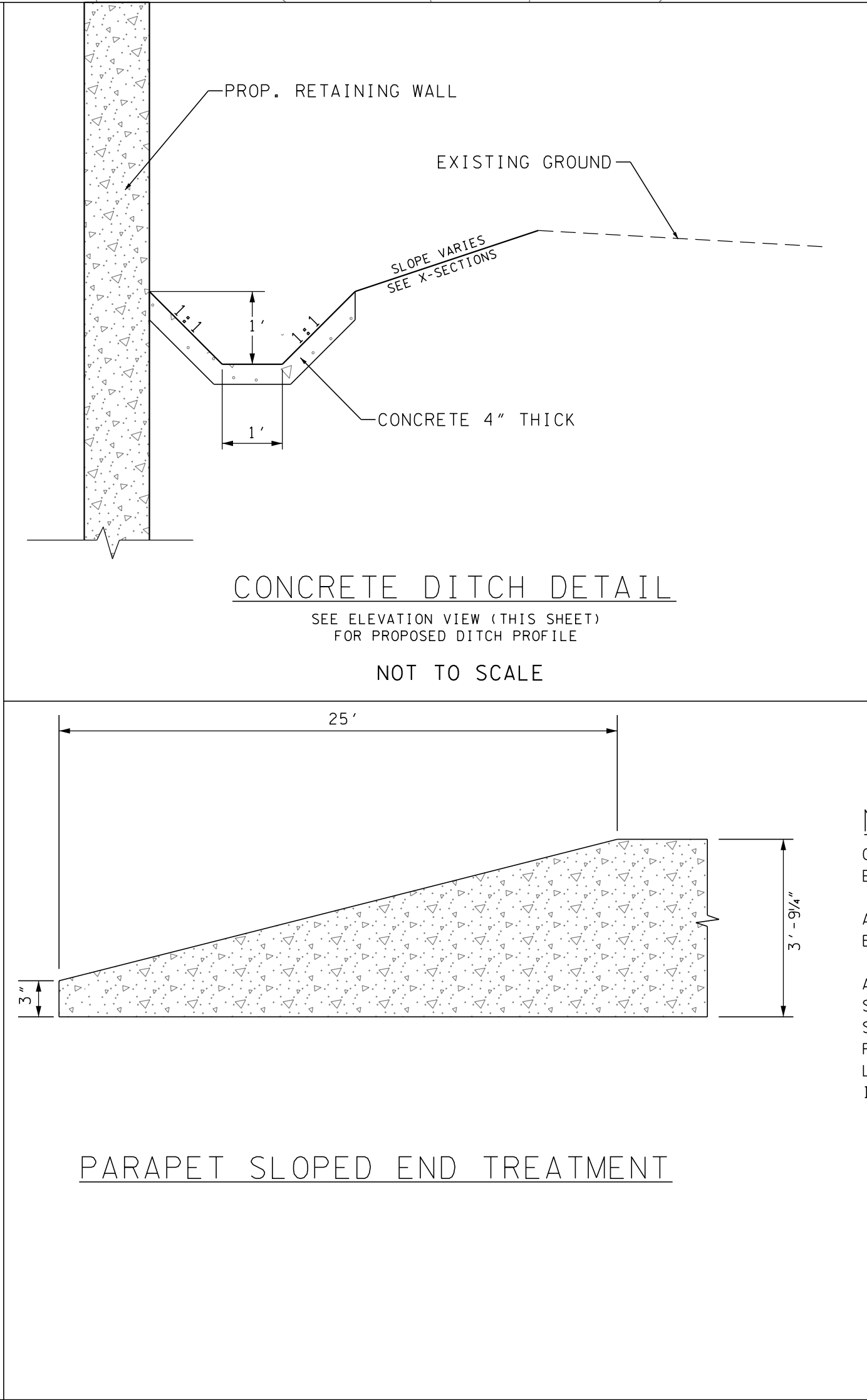
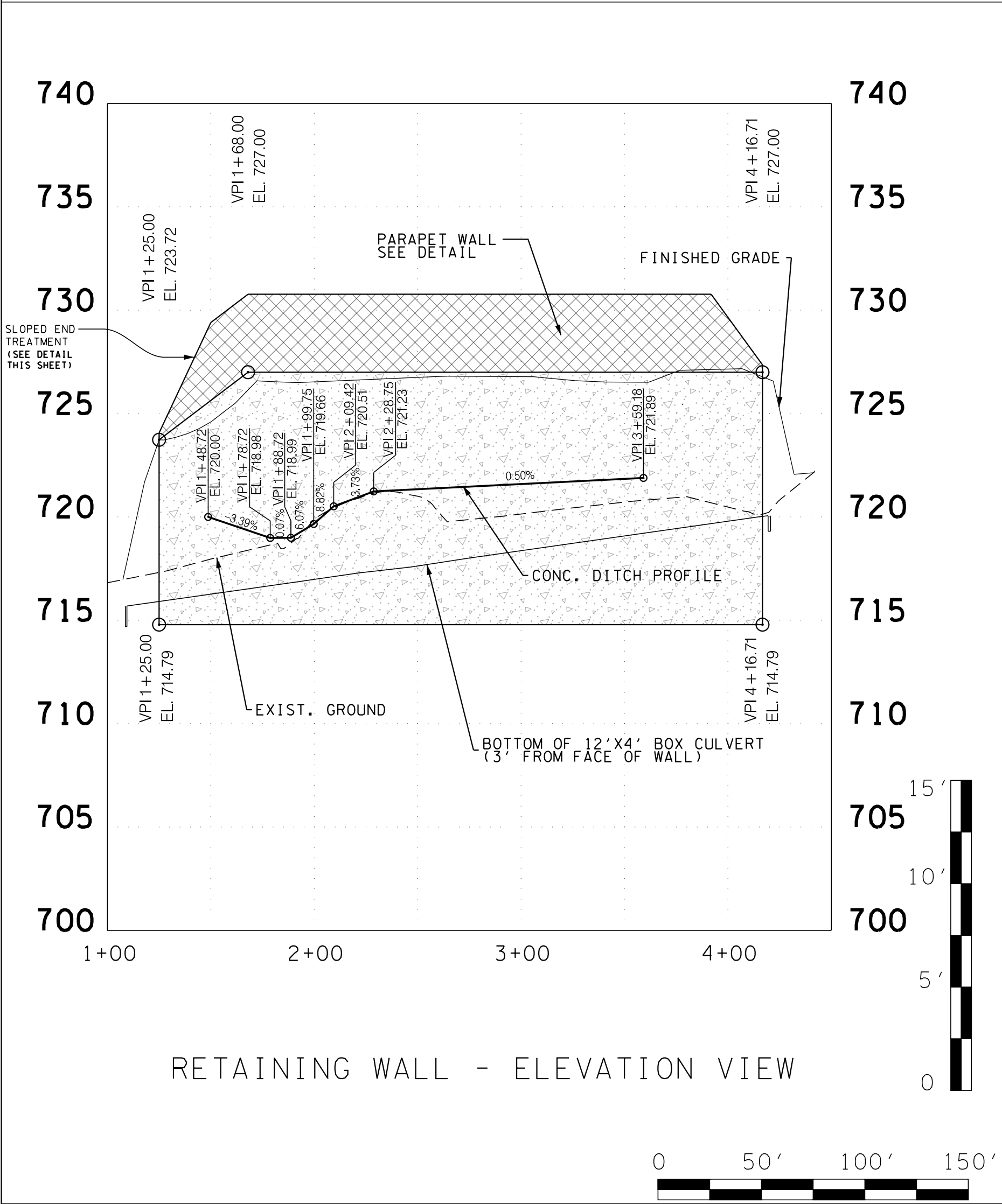
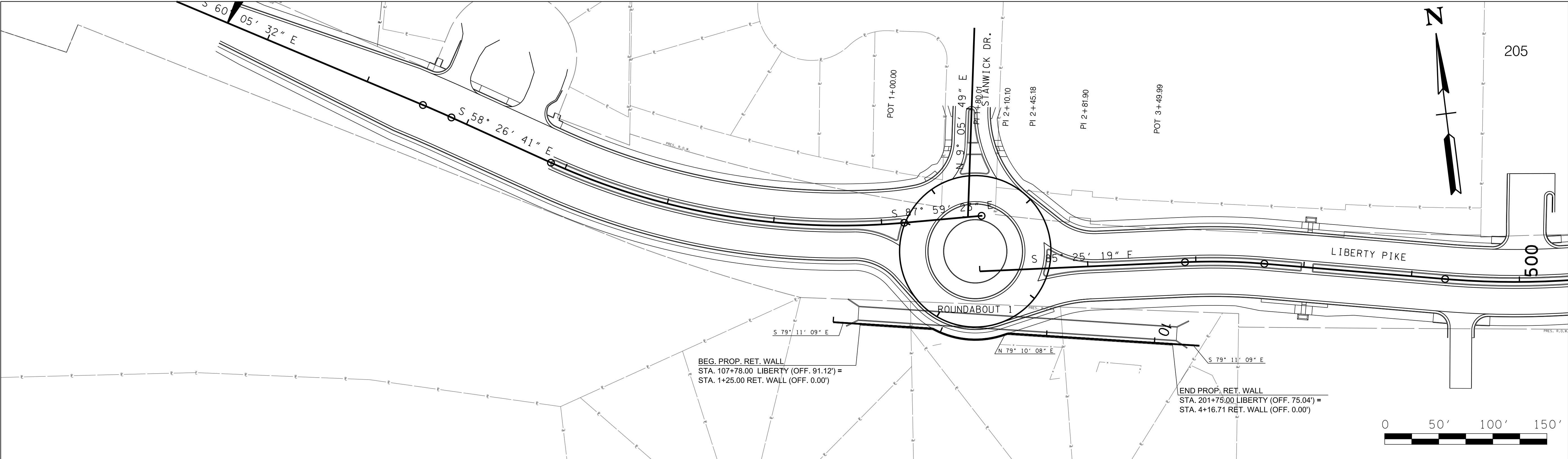
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

ISLAND DETAILS
@
(ROUNDABOUT 2)
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F6



REVISIONS		DESCRIPTION
NO.	DATE	BY

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

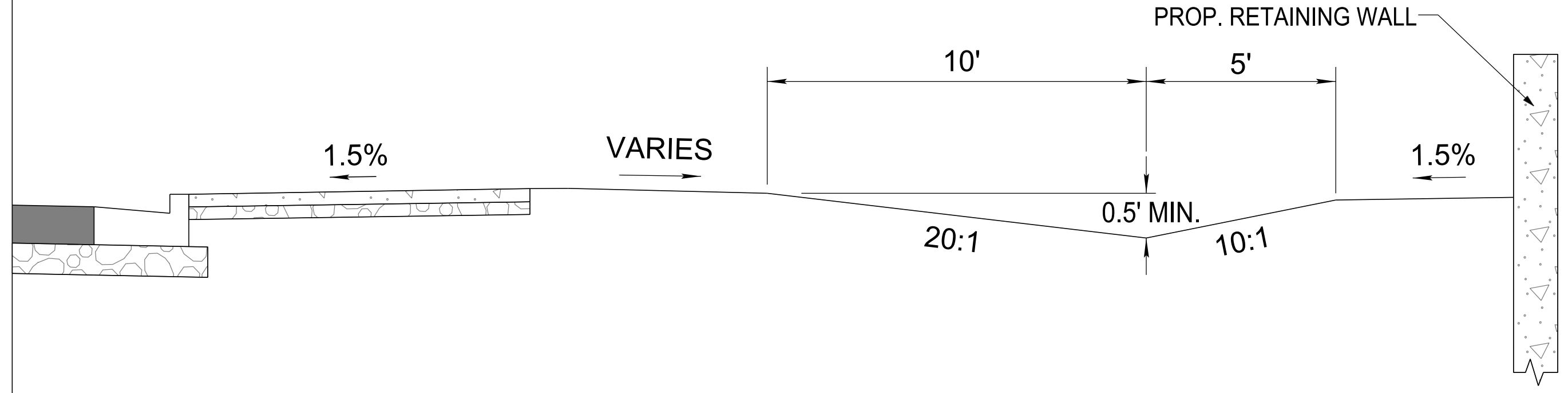
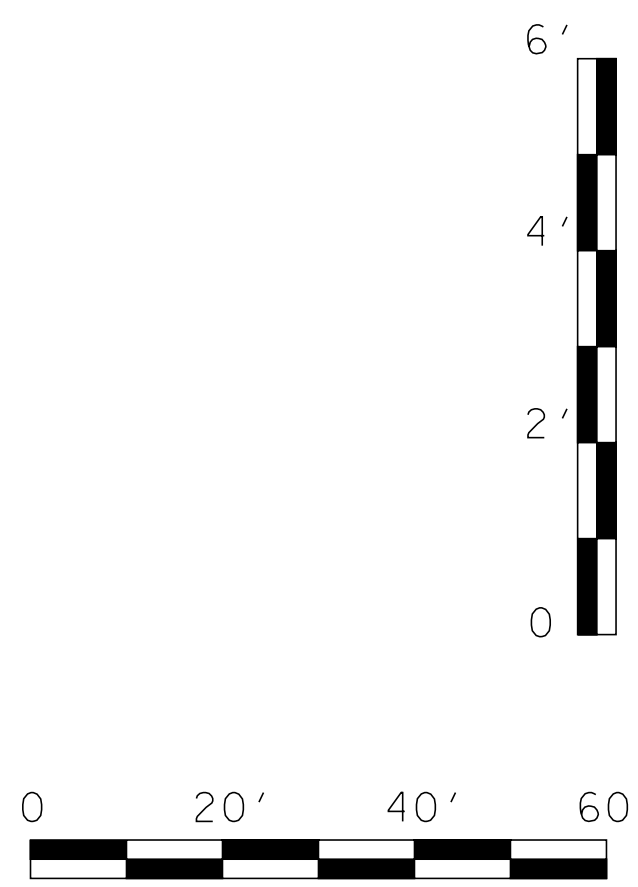
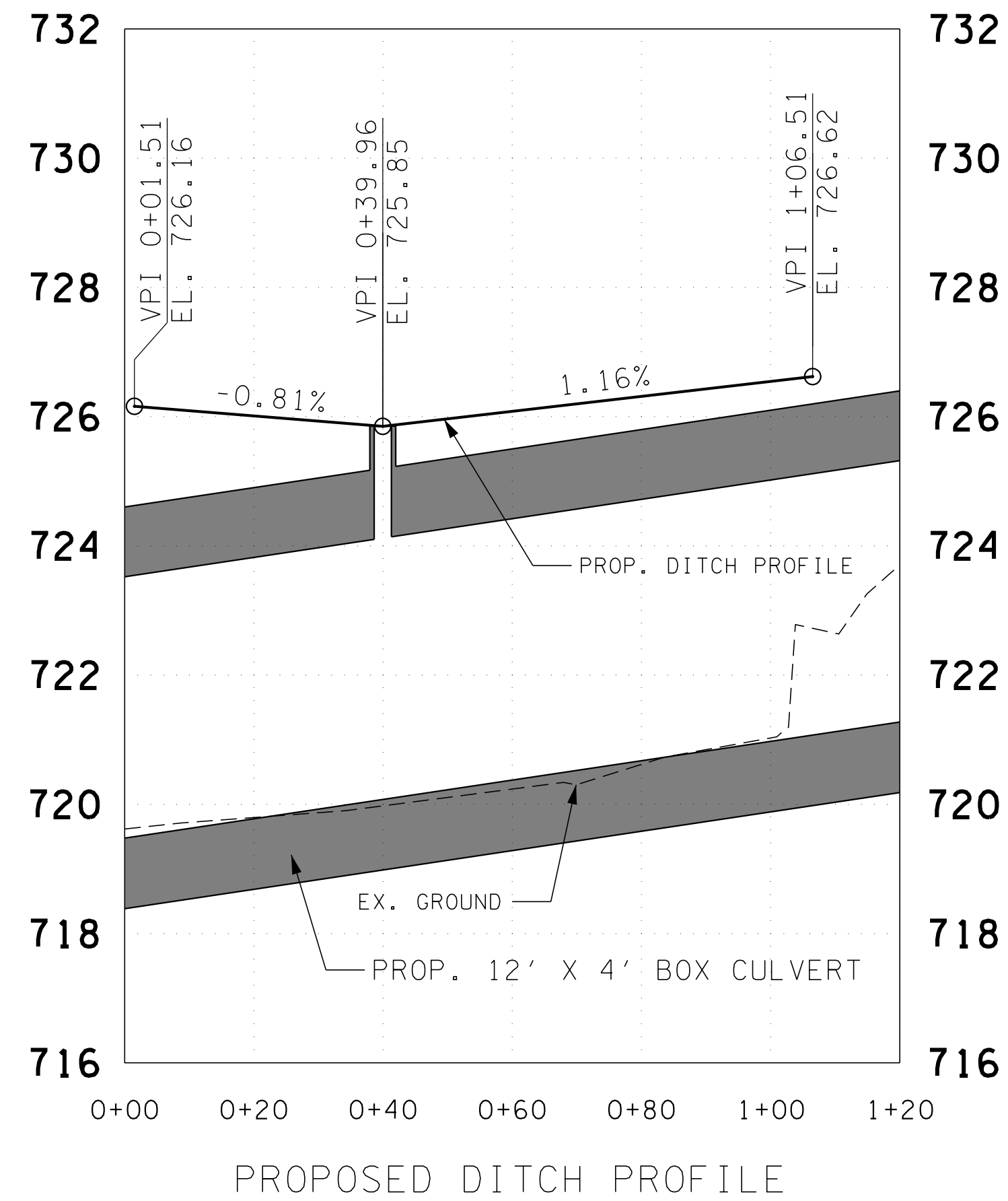
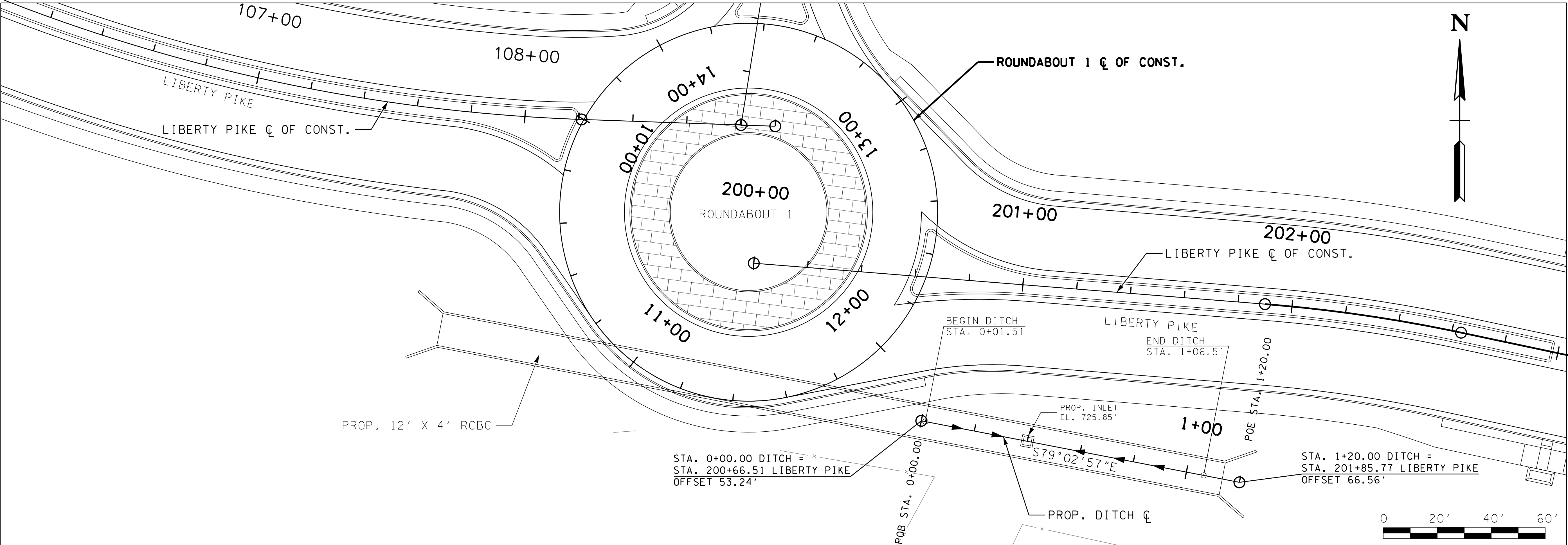
RETAINING WALL NO. 1 DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:2F7



PROPOSED DITCH TYPICAL SECTION
(NOT TO SCALE)

REVISIONS	
NO.	DATE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DITCH DETAIL SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

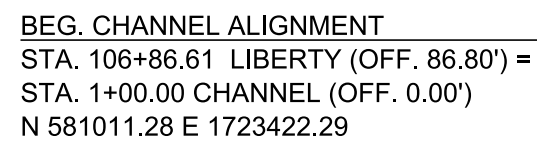
CHECKED BY: _____

YEAR: 2023

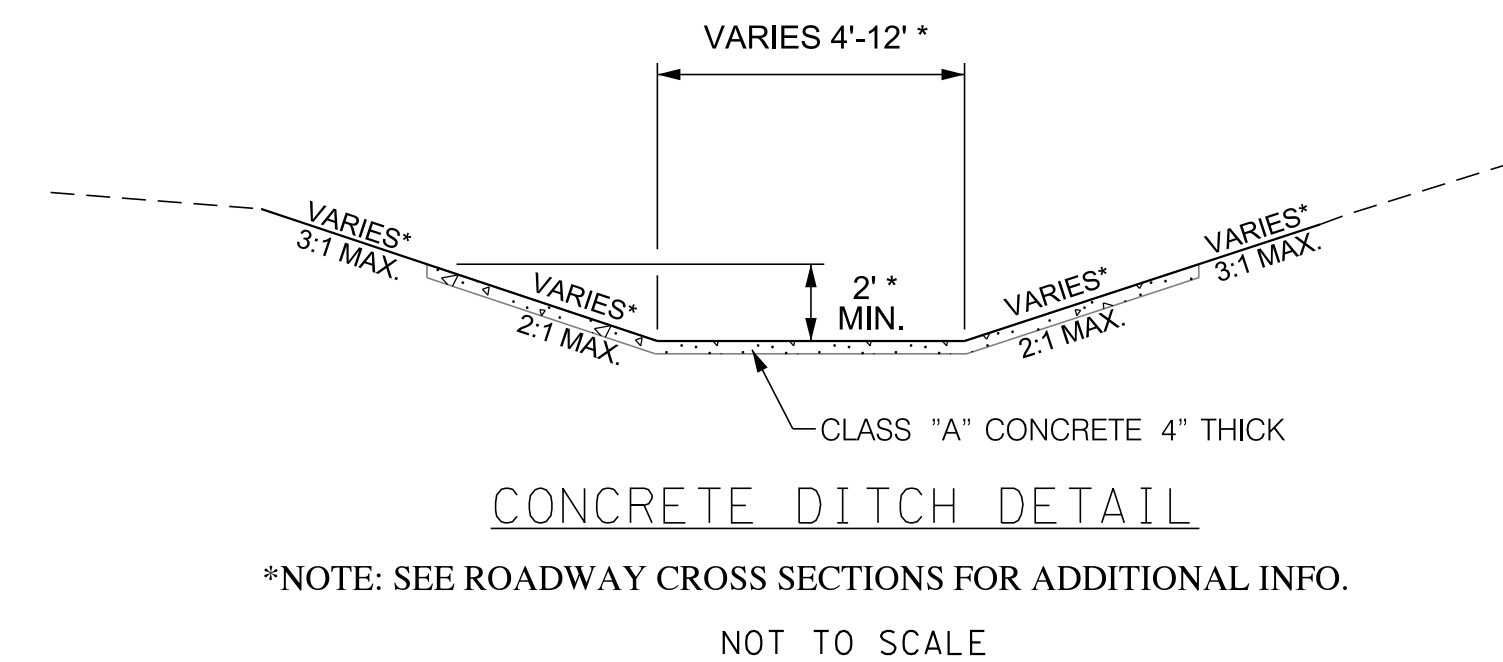
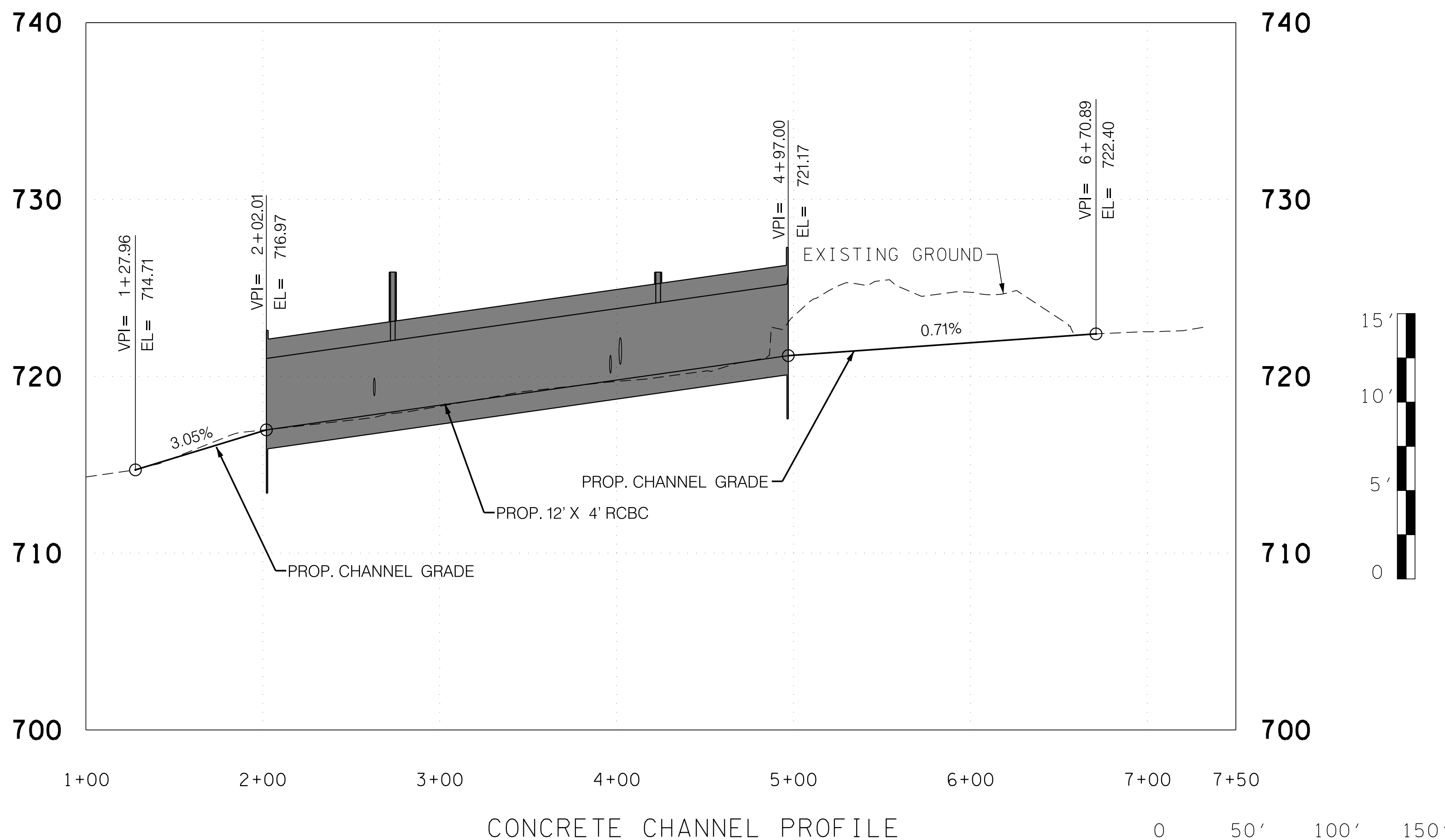
SHEET NO:2F9

Project Name: 105800			
Description:			
Horizontal Alignment Name: Box/Culvert			
Description:			
Style: Default			
STATION			
NORTHING			
EASTING			
Element: Linear			
PC ()	1+00.00	581011.28	1723422.29
PT ()	1+29.48	581006.77	1723451.42
Tangent Direction:	S 81°12'27" E		
Tangent Length:	29.48		
Element: Circular			
PC ()	1+29.48	581006.77	1723451.42
PI ()	1+31.42	581004.27	1723453.34
PT ()	1+33.35	581006.77	1723455.27
Radius:	50.00		
Degree of Curvature(Arc):	4°26'30" Left		
Length:	3.87		
Tangent:	1.94		
Chord:	3.87		
Midline Ordinate:	0.04		
External:			
Tangent Direction:	S 8°16'22" E		
Radial Direction:	S 84°7'33" W		
Chord Direction:	S 83°25'04" W		
Radial Direction:	S 4°21'14" W		
Tangent Direction:	S 85°38'46" E		
Element: Linear			
PC	1+33.35	581006.33	1723455.27
PT	1+82.27	581002.61	1723504.05
Tangent Direction:	S 85°38'46" E		
Element: Circular			
PC ()	1+82.27	581002.61	1723504.05
PI	1+85.10	581002.40	1723503.87
CC ()	1+86.92	580992.76	1723509.65
PT ()	1+87.92	581001.87	1723509.65
Radius:	50.00		
Delta:	62°08'11" Right		
Degree of Curvature(Arc):	15°35'30" Right		
Length:	5.65		
Tangent:	2.83		
Chord:	5.65		
Midline Ordinate:	0.08		
External:			
Tangent Direction:	S 85°38'46" E		
Radial Direction:	S 4°21'14" W		
Chord Direction:	S 82°44'11" E		
Radial Direction:	S 10°49'24" W		
Tangent Direction:	S 7°19'13" E		
Element: Linear			
PT ()	1+87.92	581001.87	1723509.65
PC ()	5+17.95	580939.89	1723833.80
Tangent Length:	S 7°19'13" E		
Tangent Circular:	330.03		
Element: Circular			
PC	5+17.95	580939.89	1723833.80
PI	5+27.30	580938.05	1723844.34
CC	5+27.30	580890.78	1723824.42
PT	5+37.30	580932.72	1723851.65
Radius:	50.00		
Delta:	22°10'31" Right		
Degree of Curvature(Arc):	19.35		
Length:	19.35		
Tangent:	9.68		
Chord:	19.23		
Midline Ordinate:	0.93		
External:	0.95		
Tangent Direction:	S 7°19'13" E		
Radial Direction:	S 10°49'24" W		
Chord Direction:	S 6°50'20" E		
Radial Direction:	S 2°29'59" W		
Tangent Direction:	S 57°00'25" E		

Element: Linear	
PT ()	5:37.30 580932.72 1723851.65
PC ()	6:40.54 580897.19 1723906.36
Tangent Direction:	S 57°00'05" E
Tangent Length:	65.24
Element: Circular	
PI ()	6:40.54 580897.19 1723906.36
PC ()	6:11.39 580892.37 1723913.78
CC ()	5:00.00 580933.12 1723833.60
Delta:	50.00 580890.39 1723922.41
Radius:	50.00
Chord:	29.0044 114°35'30"
Degree of Curvature(Arc):	17.51
Tangent:	6.85
Chord:	17.42
Middle Ordinate:	0.76
External:	0.48
Tangent Direction:	S 67°00'05" E
Radial Direction:	S 30°59'00" E
Chord Direction:	S 67°02'10" E
Radial Direction:	S 12°55'44" W
Tangent Direction:	S 77°04'10" E
Element: Linear	
PT ()	6:40.06 580890.90 1723922.41
PC ()	6:57.08 580892.10 1723958.49
Tangent Direction:	S 77°04'10" E
Tangent Length:	37.02
Element: Circular	
PI ()	6:57.08 580892.10 1723958.49
PC ()	6:54.05 580890.54 1723965.29
CC ()	5:00.00 580930.84 1723969.68
PT ()	6:47.93 580890.90 1723912.25
Delta:	50.00
Radius:	15°52'29" Left
Degree of Curvature(Arc):	11.44 114°35'30"
Length:	13.85
Tangent:	6.87
Chord:	13.81
Middle Ordinate:	0.48
External:	0.76
Tangent Direction:	S 77°04'10" E
Radial Direction:	S 12°55'44" W
Chord Direction:	S 85°00'00" E
Radial Direction:	S 2°56'45" E
Tangent Direction:	N 87°03'15" E
Element: Linear	
PT ()	6:47.93 580890.90 1723912.25
PC ()	6:47.02 580892.24 1723998.30
Tangent Direction:	N 87°03'15" E
Tangent Length:	26.08
Element: Linear	
PI ()	6:47.02 580892.24 1723998.30
POE ()	7:41.90 580892.22 1724033.16
Tangent Direction:	S 89°73'00" E
Tangent Length:	34.89



*NOTE: SEE ROADWAY CROSS SECTIONS FOR ADDITIONAL INFO.
 ER TO SECTION LINES ABOVE FOR PROPOSED CROSS SECTION STATIONS

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

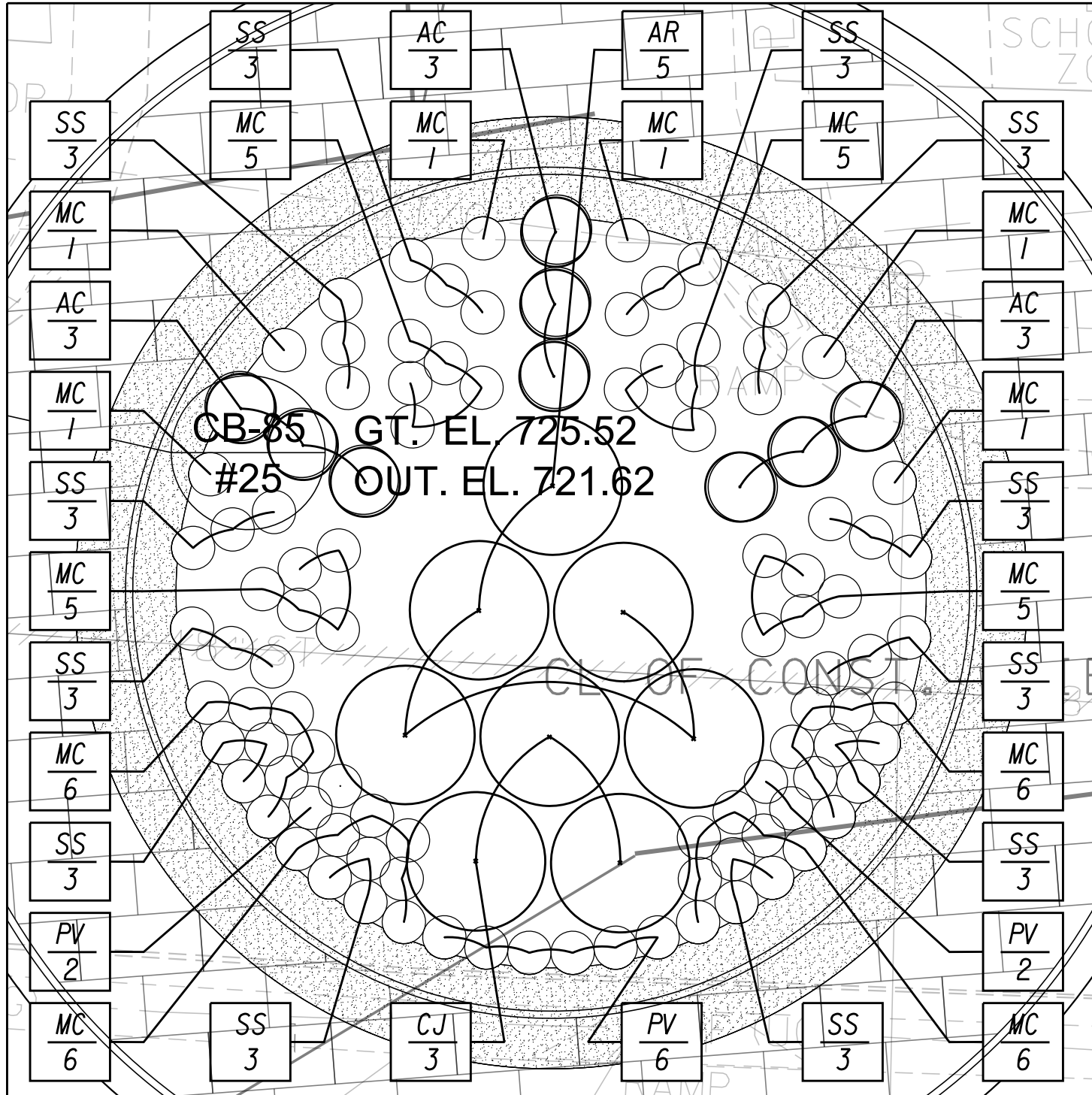
CONCRETE CHANNEL DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

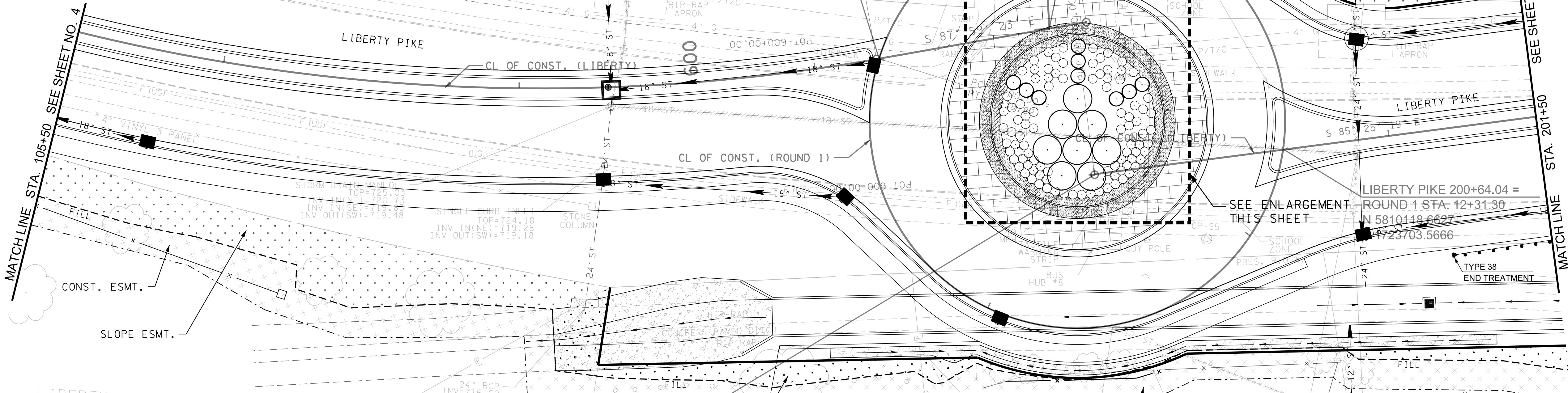
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 2F10



LIBERTY PIKE / STANWICK DRIVE ROUNDABOUT PLANTING PLAN



PLANTING SCHEDULE

ITEM #	SYMBOL	COMMON NAME	BOTANICAL NAME	CARE LEVEL	EXPECTED HEIGHT	EXPECTED SPREAD	LIGHT REQUIREMENTS	TOTAL QUANTITY	SIZE AT INSTALLATION	5D	7D
	AR	Red Maple	Acer rubrum		30 - 45	30 - 50	○	003	2.5" CALIPER	03	
	AC	Serviceberry	Ameleanchier canadensis		15 - 25	15 - 20	○ ●	015	2.5" CALIPER	06	09
	HT	Carolina Silverbell	Halesia tetraptera		20 - 30	20 - 35	○ ●	012	2.5" CALIPER	03	09
	CJ	Japonesse Cleyera	Cleyera japonica		10-15	8 - 10	○ ●	008	2.5" CALIPER	05	03
	MC	Muhly Grass	Muhlenbergia capallaris		3 - 4	2 - 3	○ ●	072	1 GALLON	36	36
	SS	Little Blue Stem	Schizachyrium scoparium		2 - 3	1 - 2	○	116	1 GALLON	50	66
	PV	Switchgrass	Panicum virgatum		5 - 7	2 - 3	○ ●	040	1 GALLON	10	30

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LANDSCAPE PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

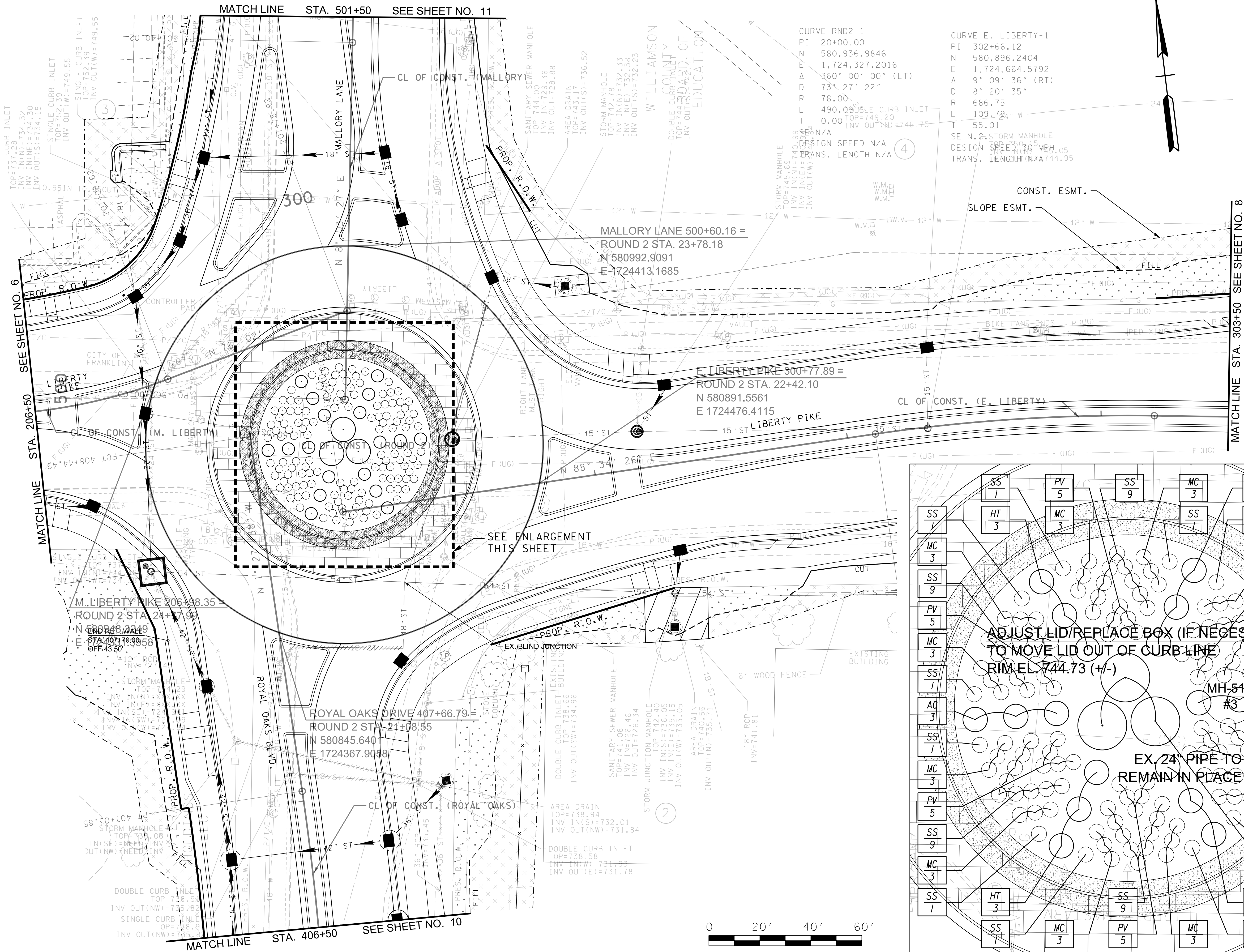
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

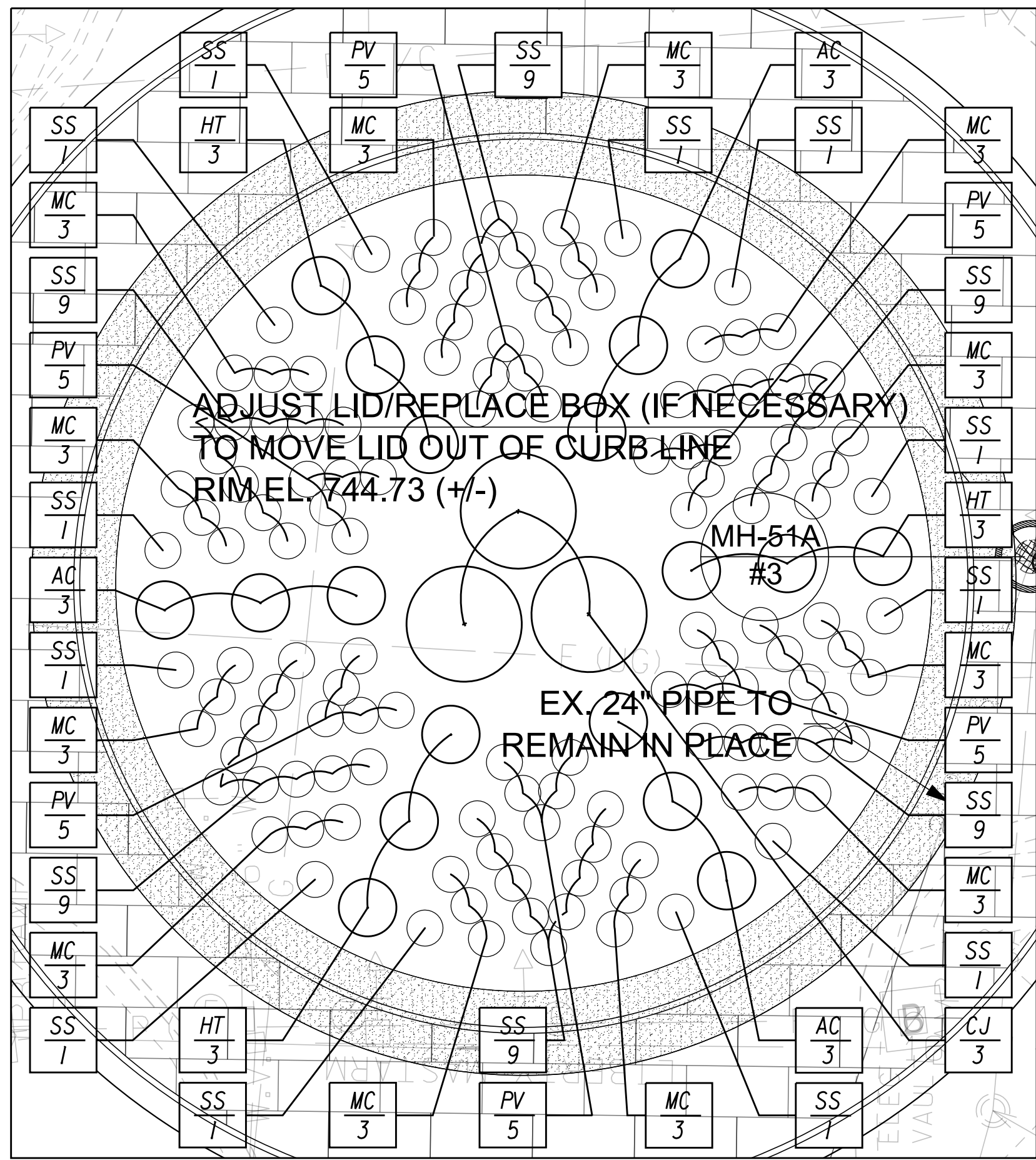
YEAR: 2023

SHEET NO:2G



CURVE RND2-1	
PI	20+00.00
N	580,936.9846
E	1,724,327.2016
Δ	360° 00' 00" (LT)
D	73° 27' 22"
R	78.00
L	490.09
T	0.00
SE N.C. STORM MANHOLE	
DESIGN SPEED N/A	
TRANS. LENGTH N/A	

CURVE E. LIBERTY-1	
PI	302+66.12
N	580,896.2404
E	1,724,664.5792
Δ	9° 09' 36" (RT)
D	8° 20' 35"
R	686.75
L	109.79
T	55.01
SE N.C. STORM MANHOLE	
DESIGN SPEED 30 MPH	
TRANS. LENGTH N/A	



LIBERTY PIKE / MALLORY LANE ROUNDABOUT PLANTING PLAN

REVISIONS	
NO	DATE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LANDSCAPE PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 2H

RIGHT - OF - WAY NOTES

- (1) ALL RAMPS MUST CONFORM TO TDOT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, TDOT STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.
- (2) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (3) ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

UTILITIES

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONSTRCTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS, AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCMENT OF OPERATIONS.

UTILITY OWNERS

TELEPHONE:
AT&T
333 COMMERCE ST ROOM 23C142
NASHVILLE, TN 37201
ATTN: KIM BEAN
O: 615-214-7318
C: 615-955-0653
EMAIL: KB1078@att.com

CABLE TV:
COMCAST CABLE/XFINITY
2501 MCGAVOK PIKE
NASHVILLE, TN 37214
ATTN: LARRY K WINBURN
O: 615-244-7462
C: 615-295-9069
EMAIL: larrywinburn@cable.comcast.com

ELECTRIC:
M.T.E.M.C.
555 NEW SALEM RD
MURFREESBORO, TN 37129
ATTN: MATHUE BEAN
O: 615-494-1572
EMAIL: mbean@mtemc.com

WATER:
CITY OF FRANKLIN WATER MANAGEMENT
124 LUMBER DRIVE
FRANKLIN, TN 37064
ATTN: BRIAN GOODWIN
O: 615-794-4554
EMAIL: brian.goodwin@franklin.tn.gov

MALLORY VALLEY UTILITY
465 DULKE DR
FRANKLIN, TN 37067
ATTN: JENNY CLARKE
O: 615-628-0237
C: 615-628-0241
EMAIL: jclarke@mvud.org

GAS:
ATMOS ENERGY
810 CRESCENT CENTRE D
SUITE 600
FRANKLIN, TN 37067
ATTN: ABBY DAVIS
O: 615-771-8369
EMAIL: Abby.Davis@atmosenergy.com

FIBER OPTIC:
CENTURY LINK
1025 ELDORADO BLVD, 43C-420
BROOMFIELD, CO 80021
ATTN: PATRICK PROVOST
O: 720-888-4686
EMAIL: patrick.provost@level3.com

MCI ALSO LISTED ON THE TN ONE
CALL LIST TICKET #200145552.
NO CONTACT INFORMATION FOUND.

CITY OF FRANKLIN IT
109 3RD AVE SOUTH
FRANKLIN, TN 37064
ATTN: MIKE PROCTOR
O:615-550-6604
C:615-289-1036
EMAIL: MikeP@franklin.tn.gov

SANITARY SEWER:
CITY OF FRANKLIN WATER MANAGEMENT
124 LUMBER DRIVE
FRANKLIN, TN 37064
ATTN: BRIAN GOODWIN
O: 615-794-4554
EMAIL: brian.goodwin@franklin.tn.gov

REVISONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

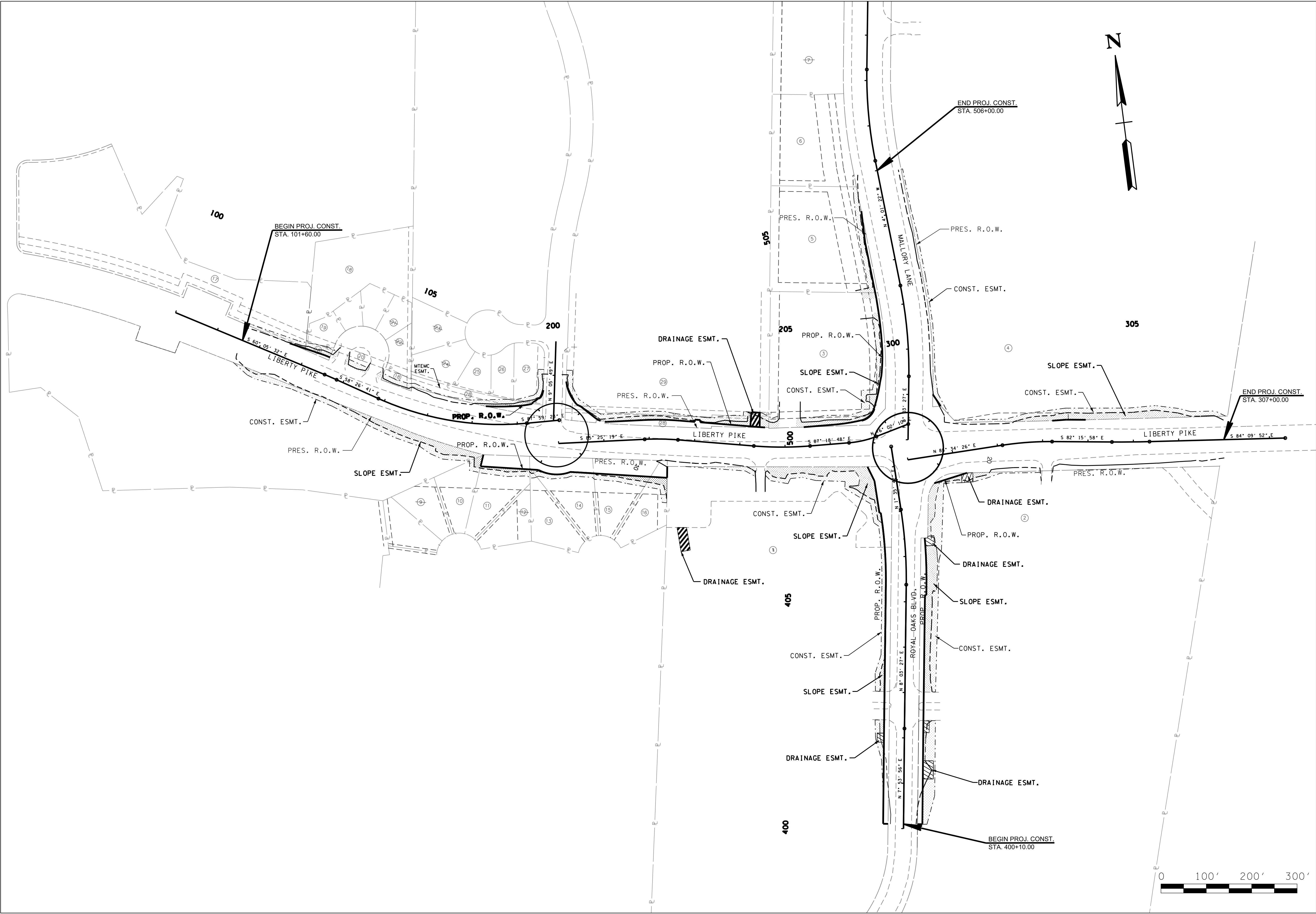
R.O.W. NOTES AND UTILITY OWNERS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 3



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

302 INNOVATION DRIVE, FRANKLIN, TN 37067
 PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPERTY MAP

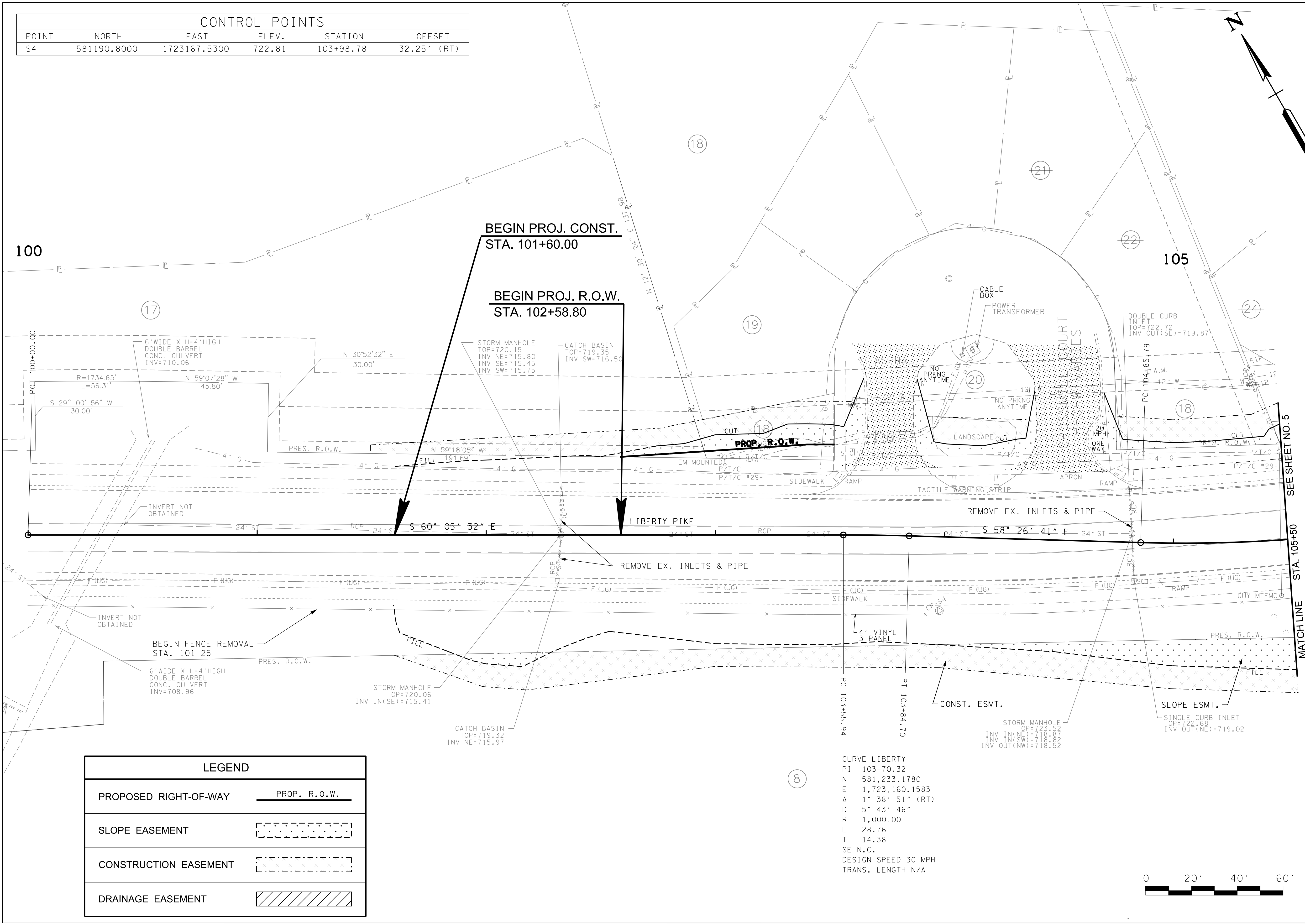
MALLORY LANE / LIBERTY PIKE
 FRANKLIN, TENNESSEE

DATE: _____
 DESIGNED BY: _____
 DRAWN BY: _____
 SUPERVISED BY: _____
 CHECKED BY: _____

YEAR: 2023

SHEET NO: 3B

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S4	581190.8000	1723167.5300	722.81	103+98.78	32.25' (RT)



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

CURVE LIBERTY
PI 103+70.32
N 581,233.1780
E 1,723,160.1583
Δ 1' 38' 51" (RT)
D 5' 43' 46"
R 1,000.00
L 28.76
T 14.38
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

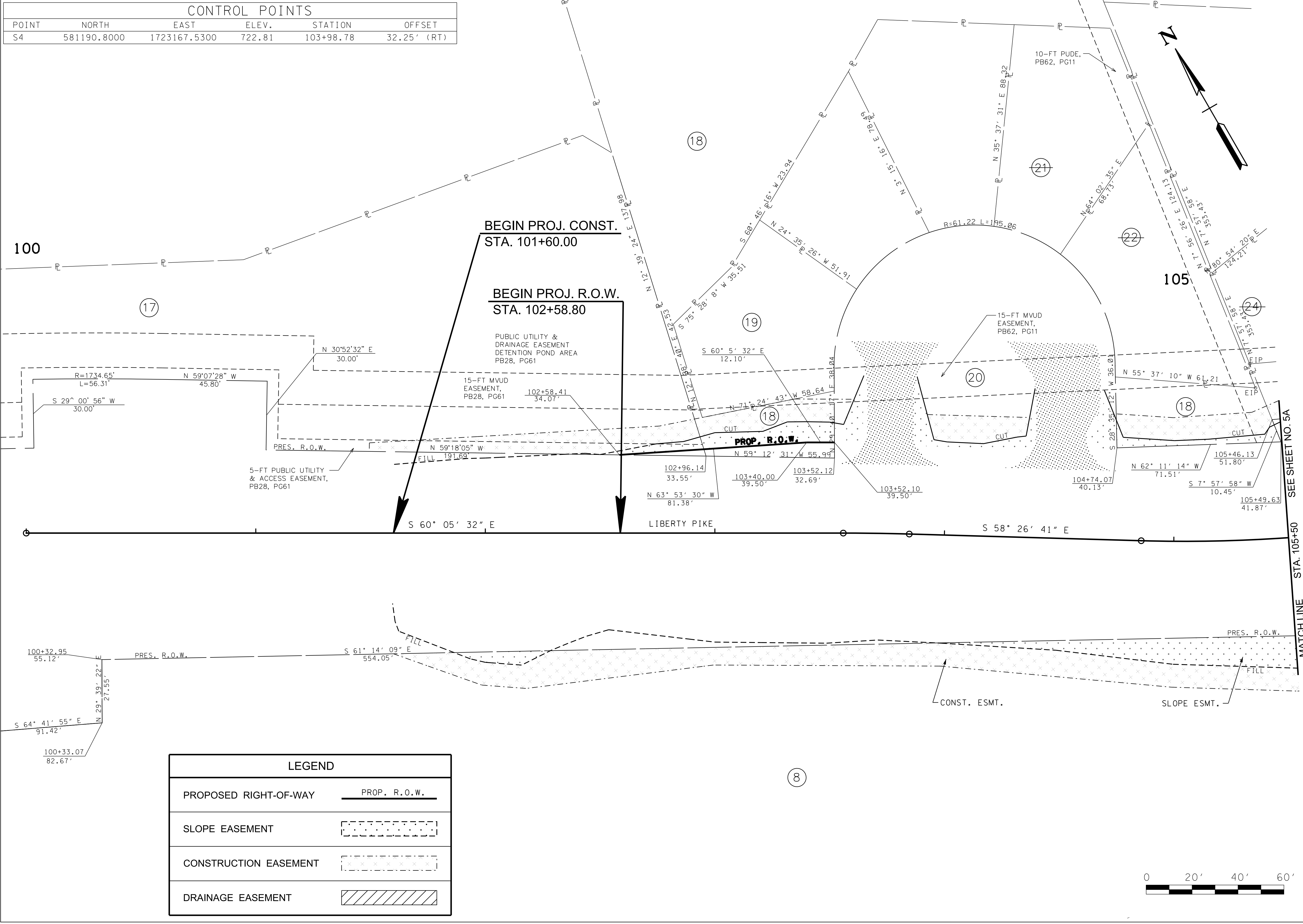
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 4

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S4	581190.8000	1723167.5300	722.81	103+98.78	32.25' (RT)



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

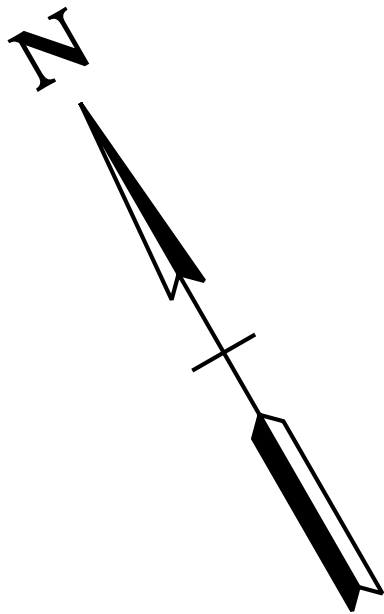
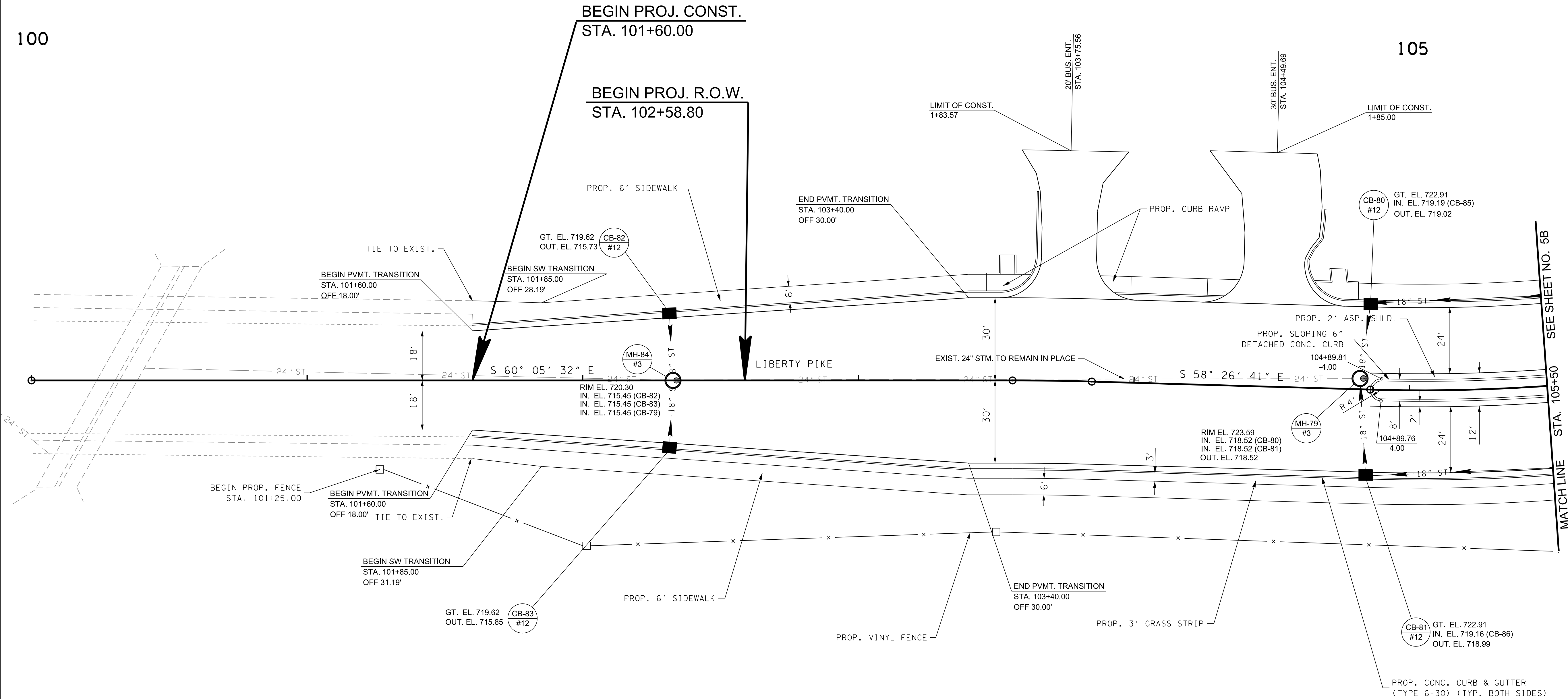
CHECKED BY: _____

YEAR: 2023

SHEET NO: 4A

100

105



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

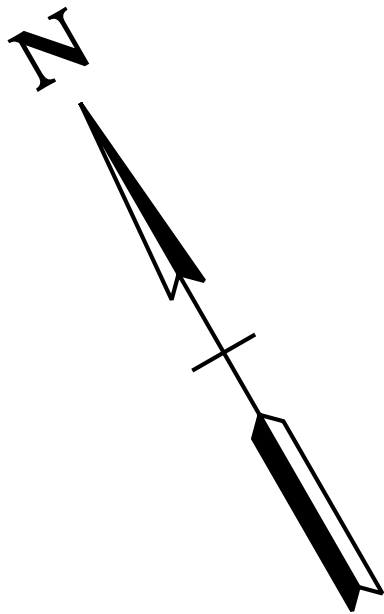
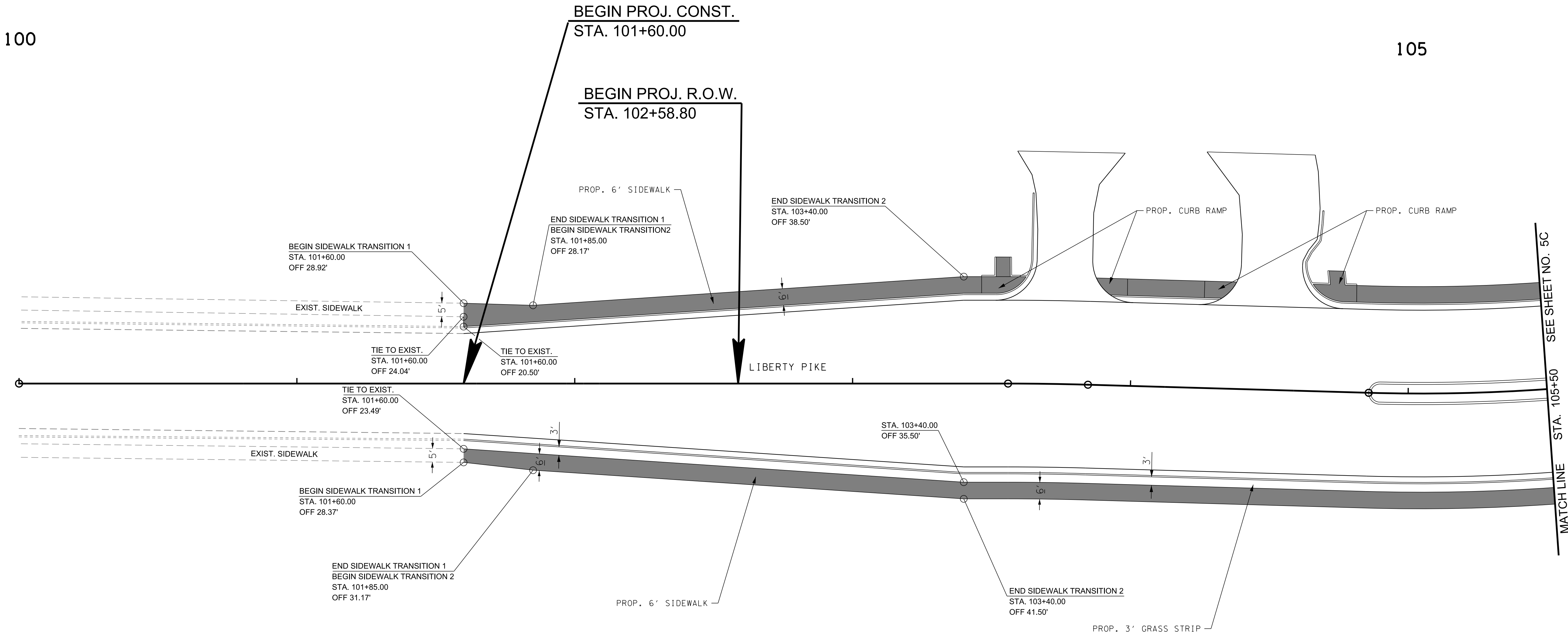
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 4B

100

105



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

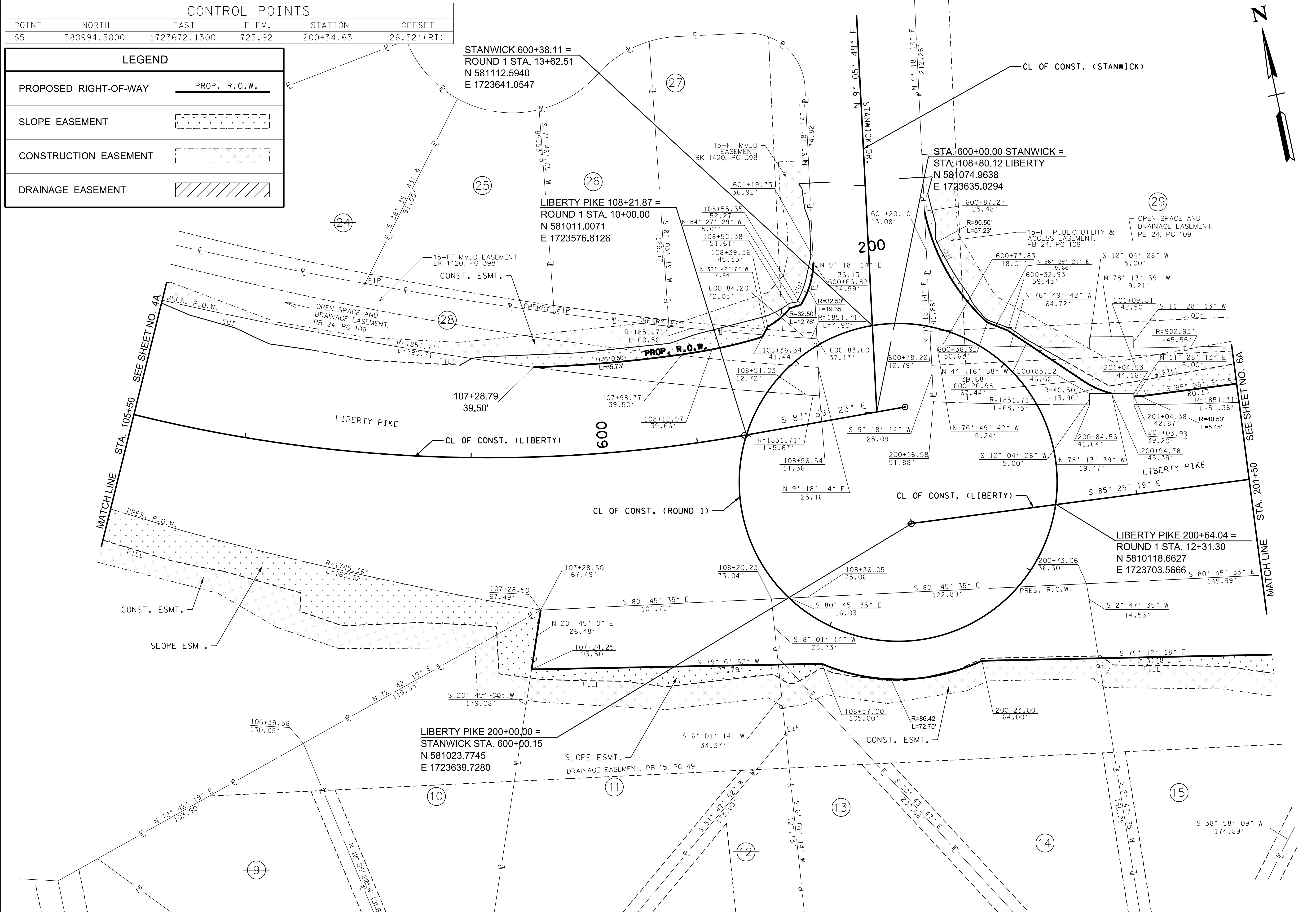
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

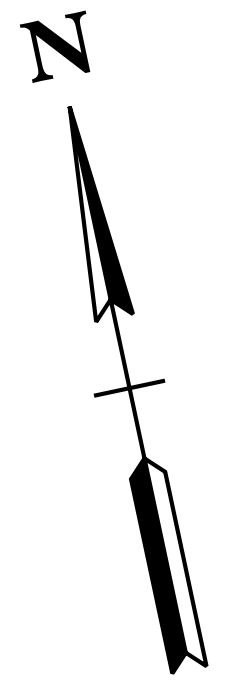
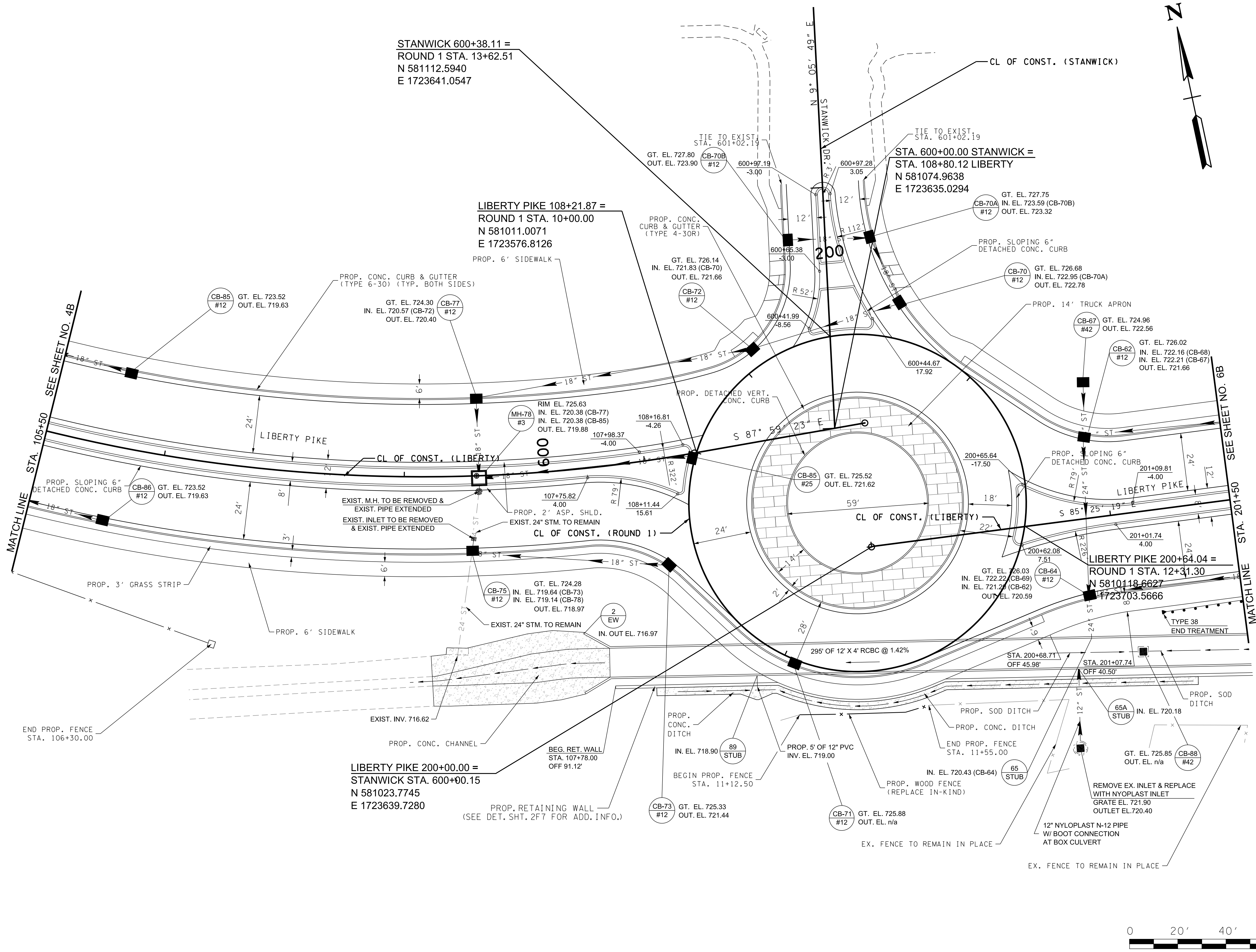
YEAR: 2023

SHEET NO: 4C

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S5	580994.5800	1723672.1300	725.92	200+34.63	26.52' (RT)

LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	





REVISIONS		DESCRIPTION	
NO	DATE	BY	

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

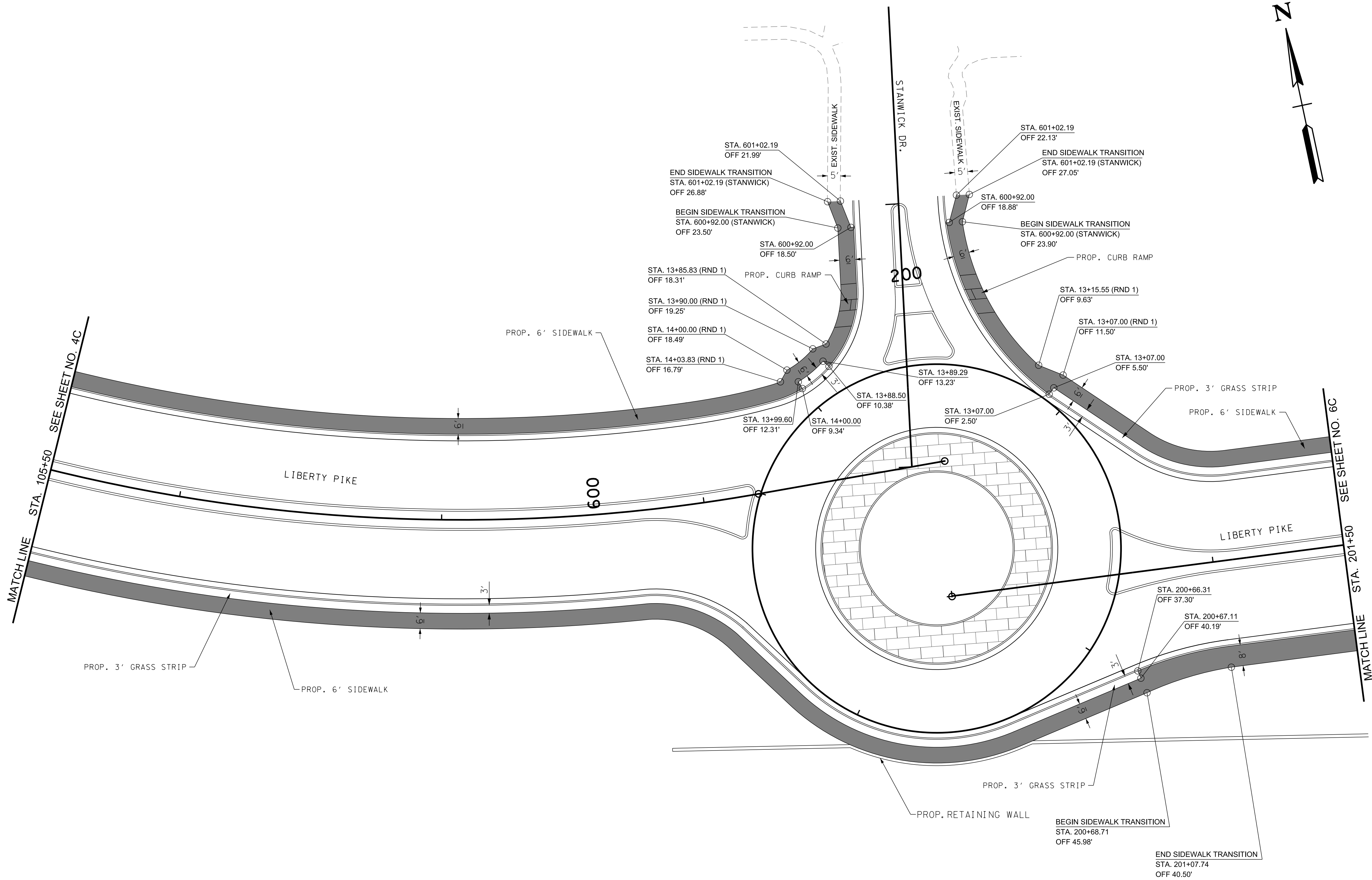
Volkert

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:5B

Page 229 of 554



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

Volkert

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PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

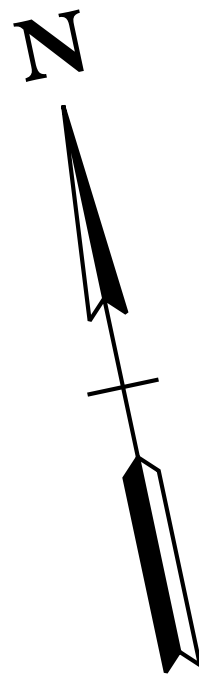
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:5C

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

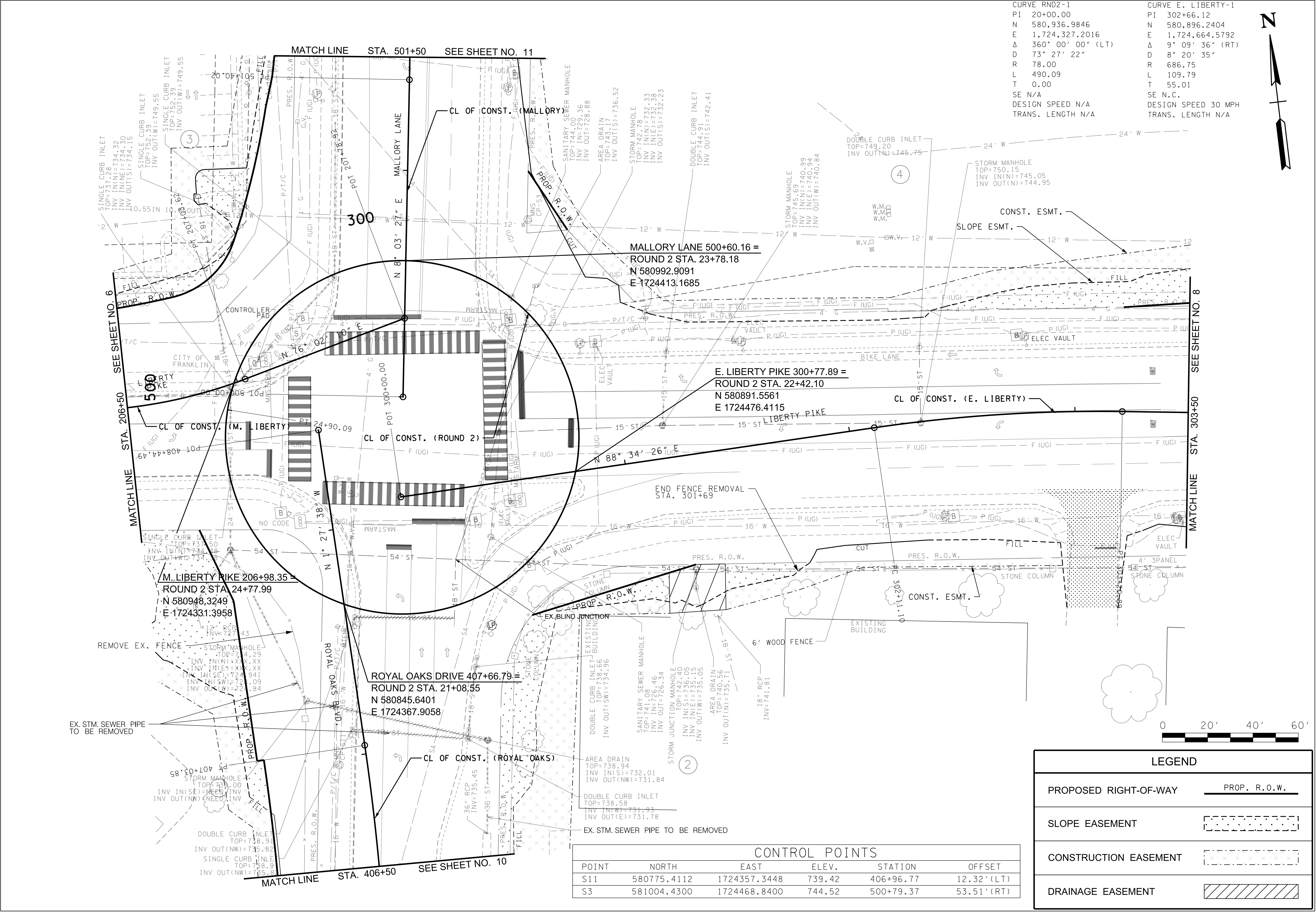
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 6C



PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

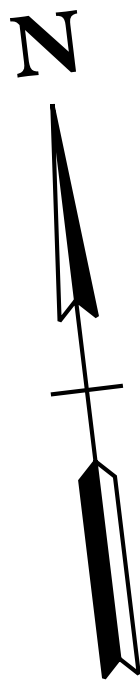
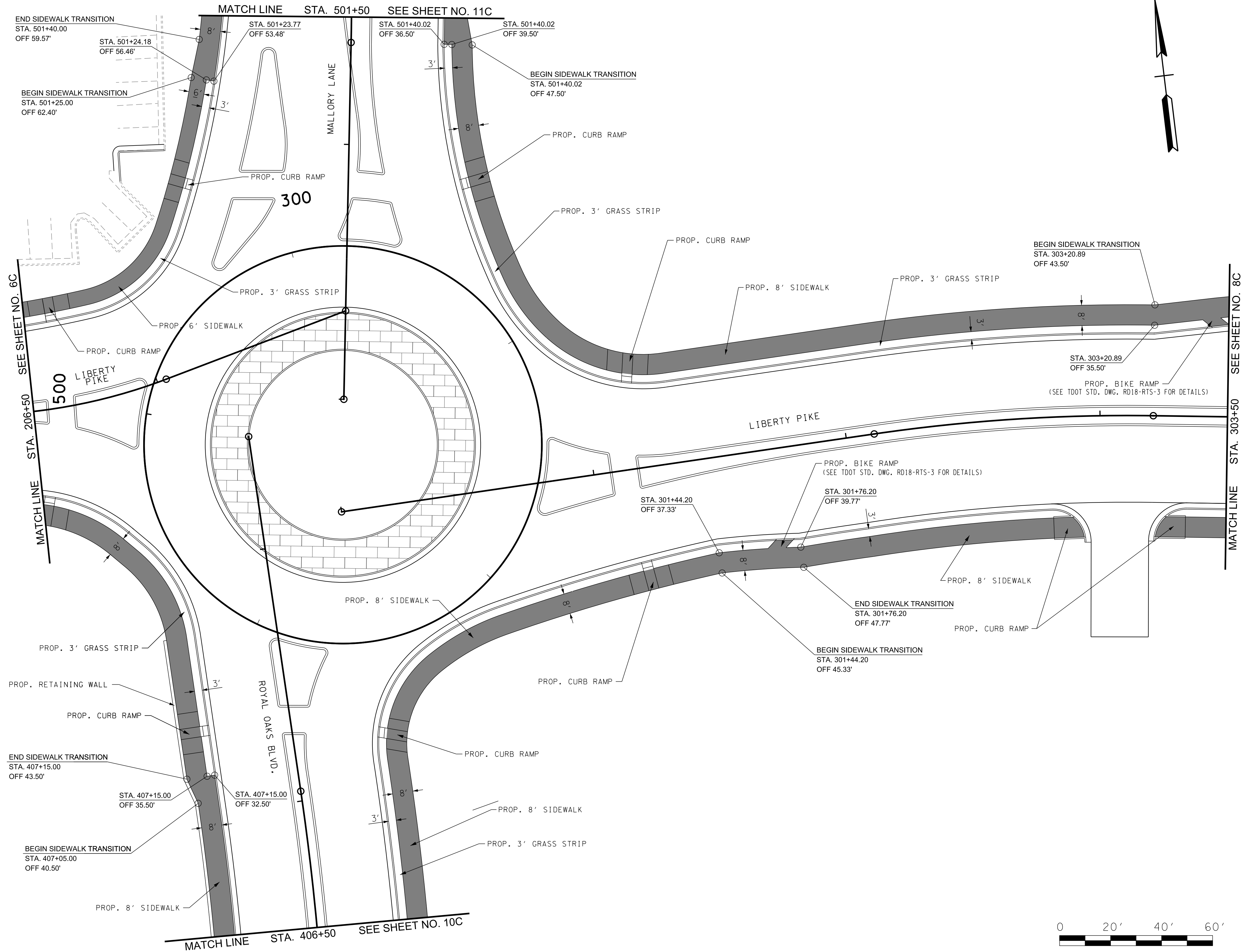
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 7

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S11	580775.4112	1724357.3448	739.42	406+96.77	12.32' (LT)
S3	581004.4300	1724468.8400	744.52	500+79.37	53.51' (RT)



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
 SUITE 230-1, BRENTWOOD, TN 37027
 PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

 MALLORY LANE / LIBERTY PIKE
 FRANKLIN, TENNESSEE

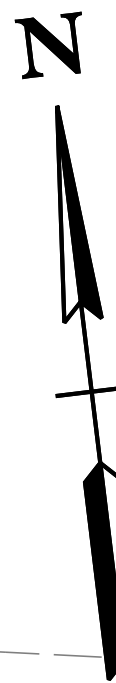
DATE: _____
 DESIGNED BY: _____
 DRAWN BY: _____
 SUPERVISED BY: _____
 CHECKED BY: _____

 YEAR: 2023

 SHEET NO: 7C

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S7	580834.4100	1724845.6700	757.86	304+53.63	36.90' (RT)

CURVE E. LIBERTY-2
PI 304+94.24
N 580,865.5097
E 1,724,890.8612
Δ 1° 53' 54" (LT)
D 2° 17' 31"
R 2,500.00
L 82.83
T 41.42
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

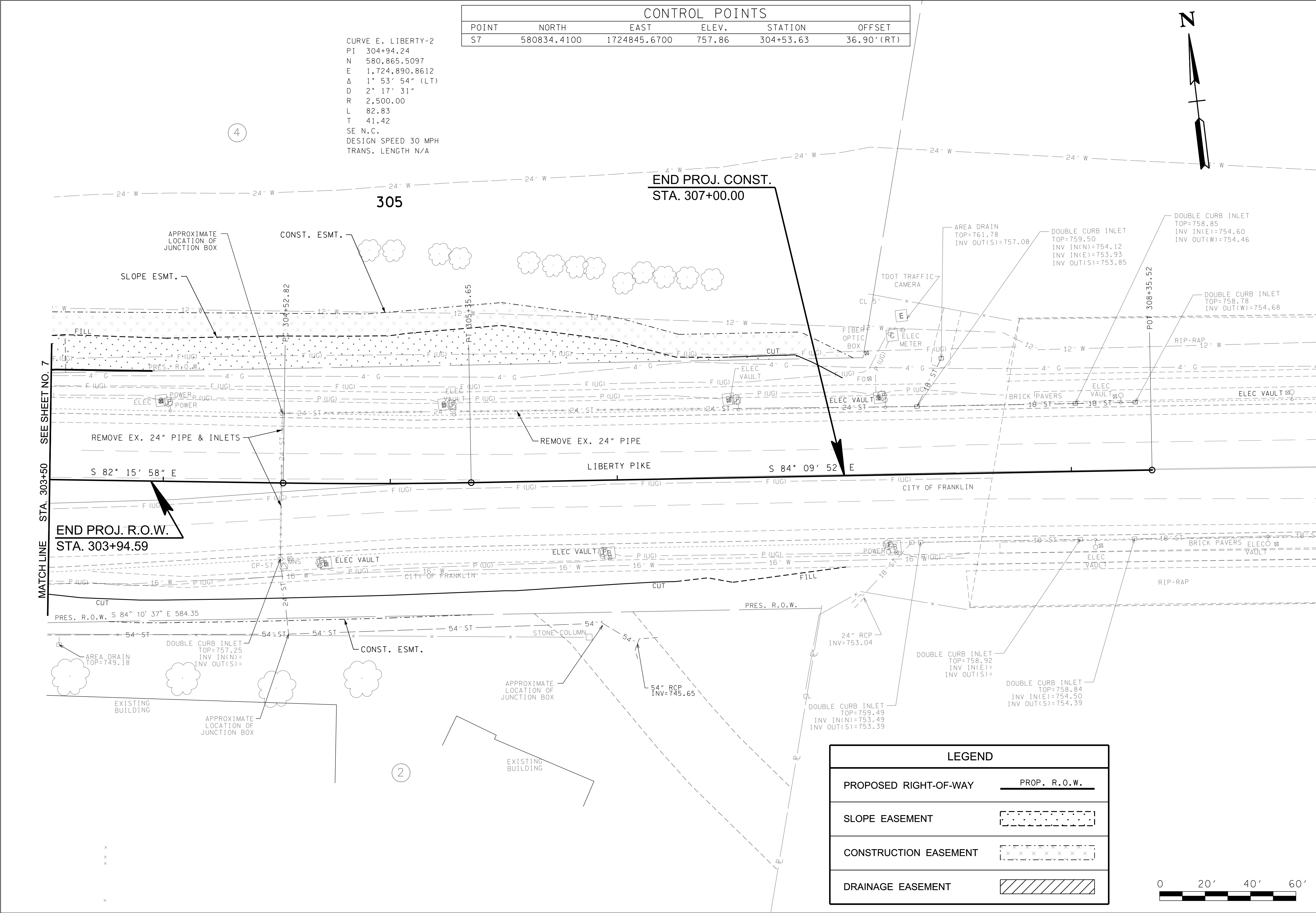
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SUPERVISED BY: _____

CHECKED BY: _____

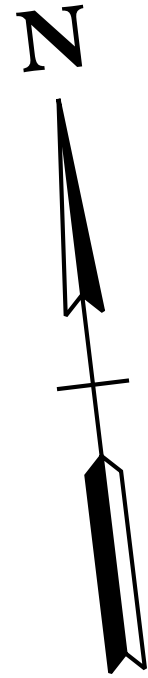
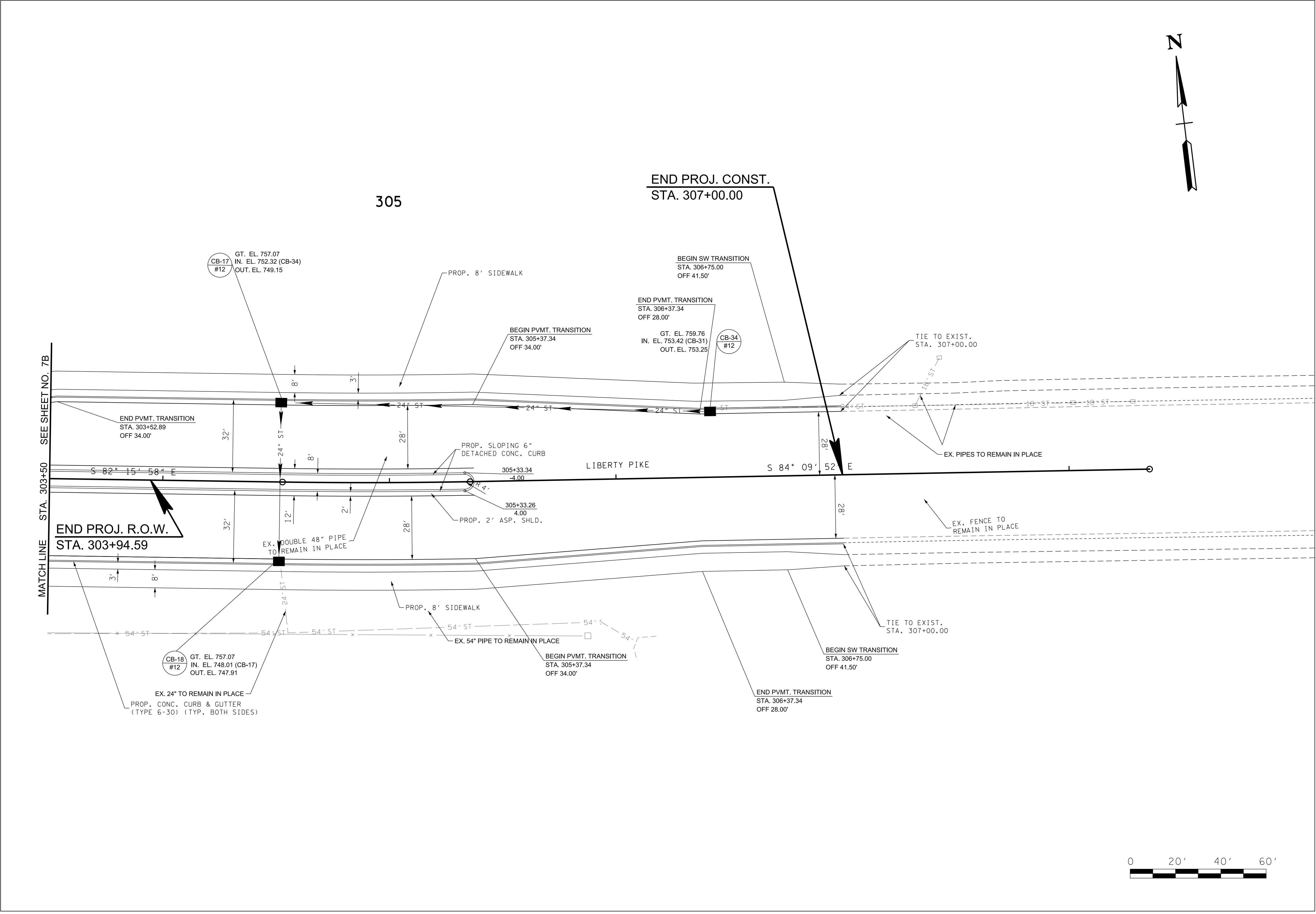
YEAR: 2023

SHEET NO: 8



LEGEND	
PROPOSED RIGHT-OF-WAY	<u>PROP. R.O.W.</u>
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	





REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

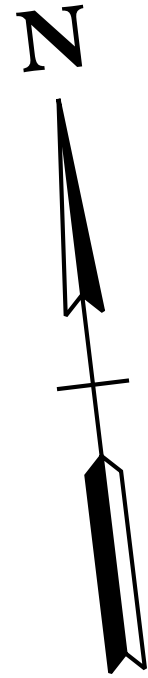
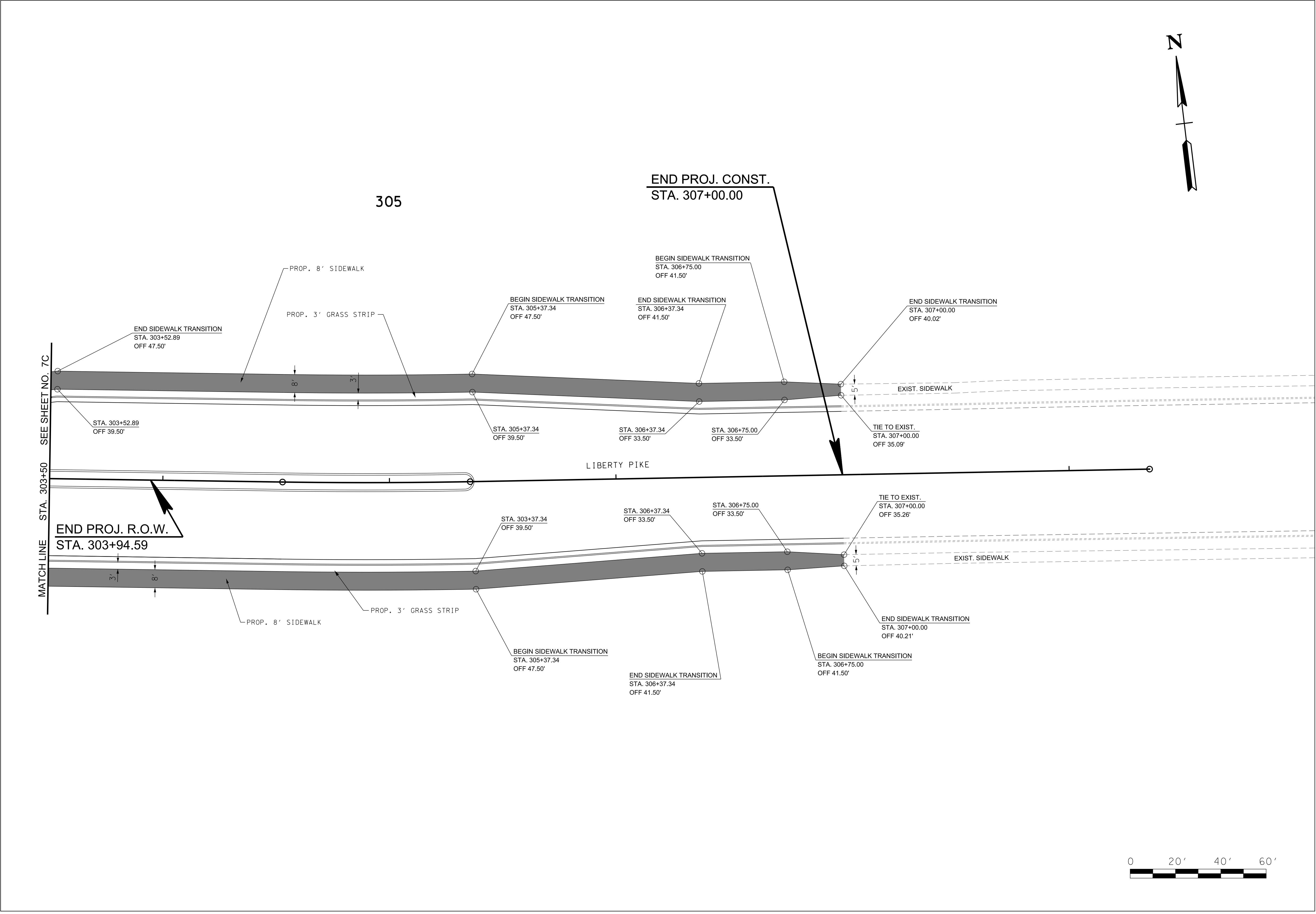
PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 8B



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

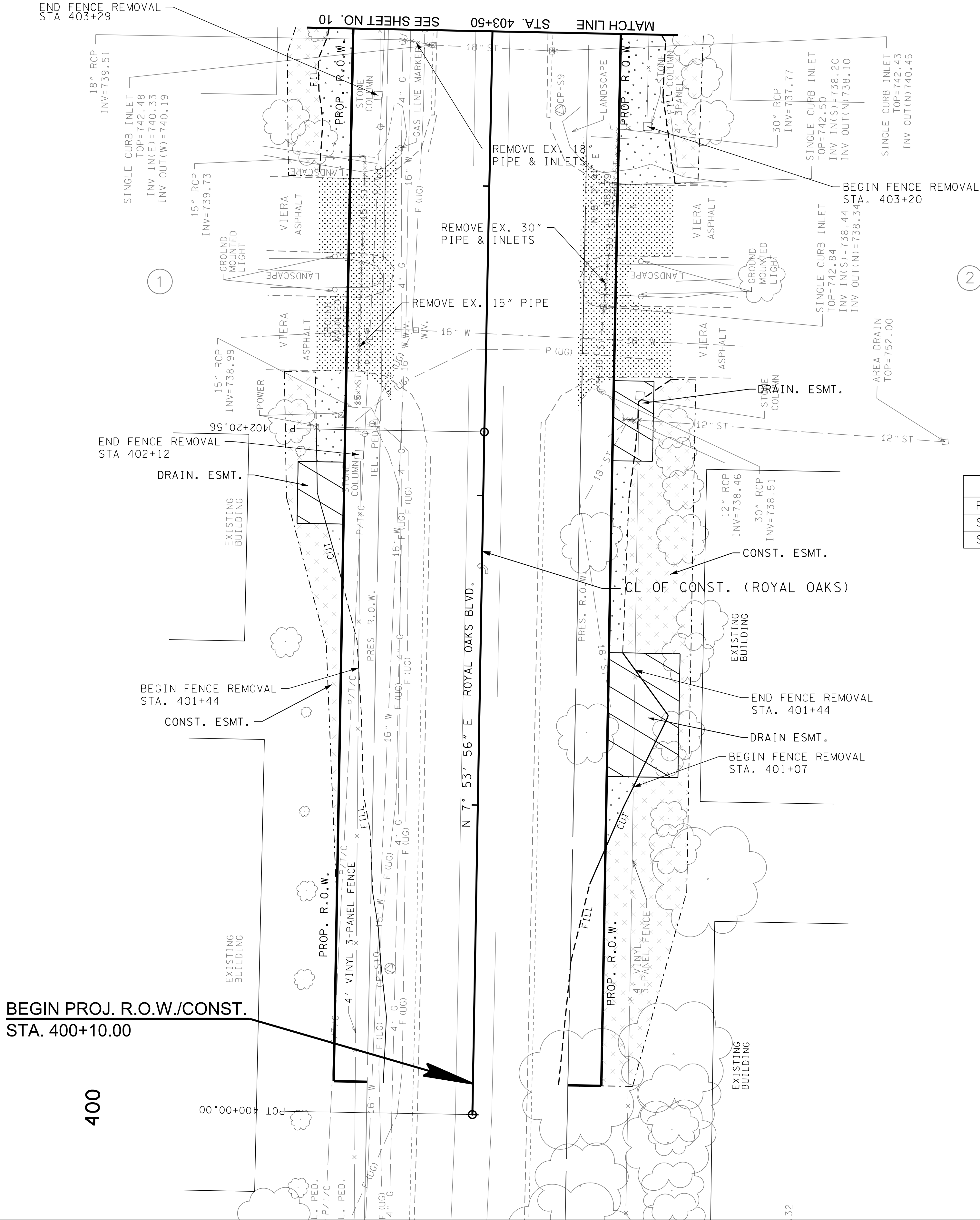
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 8C

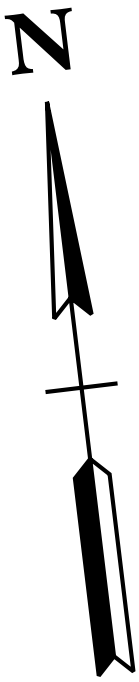
BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S10	580134.5715	1724264.4589	-	400+46.69	27.41' (LT)
S9	580403.3300	1724352.3900	-	403+25.04	22.46' (RT)

LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	



REVISIONS	
NO	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

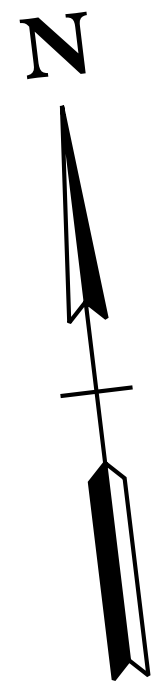
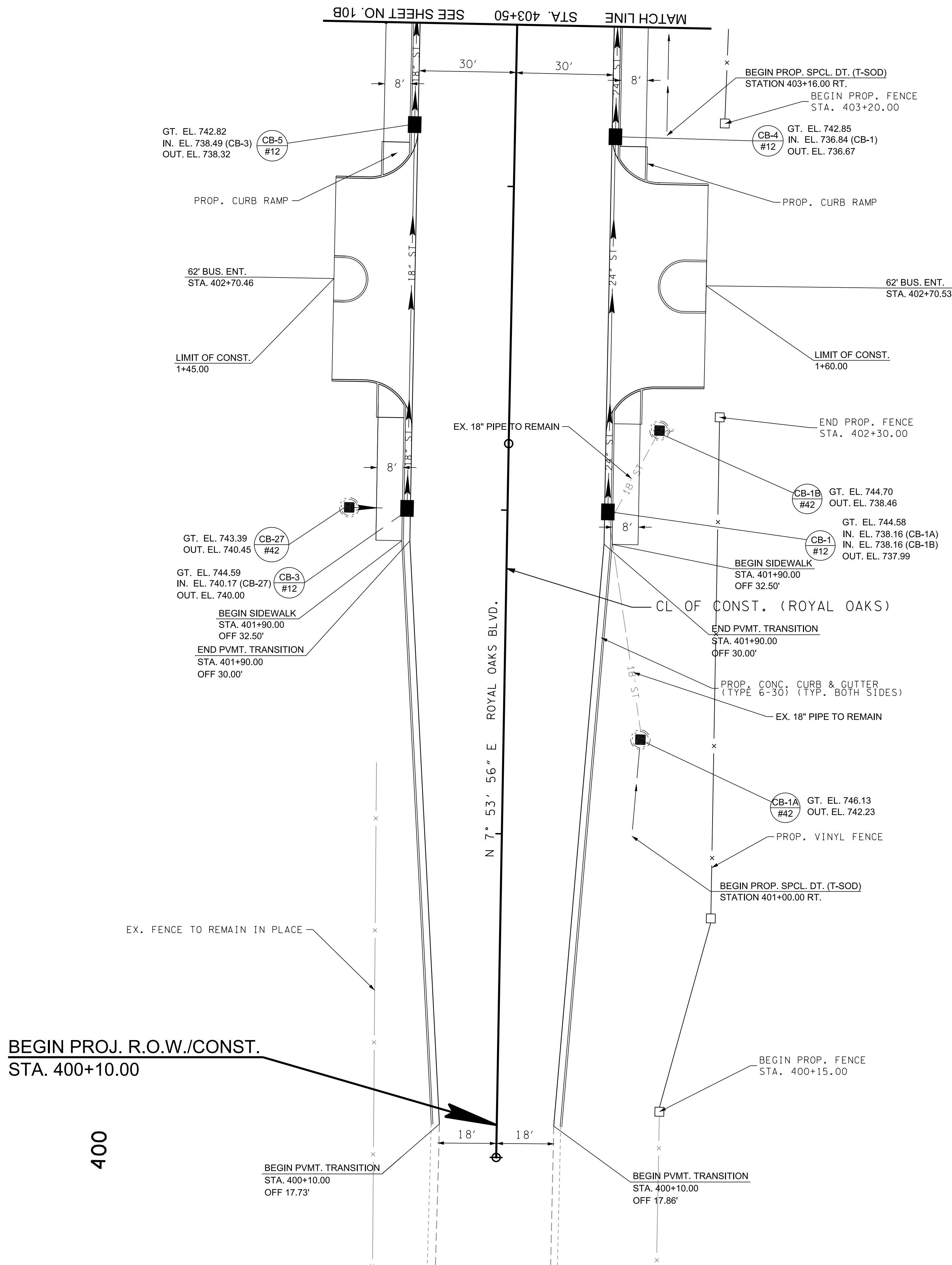
PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 9



REVISIONS		DESCRIPTION	
NO	DATE	BY	

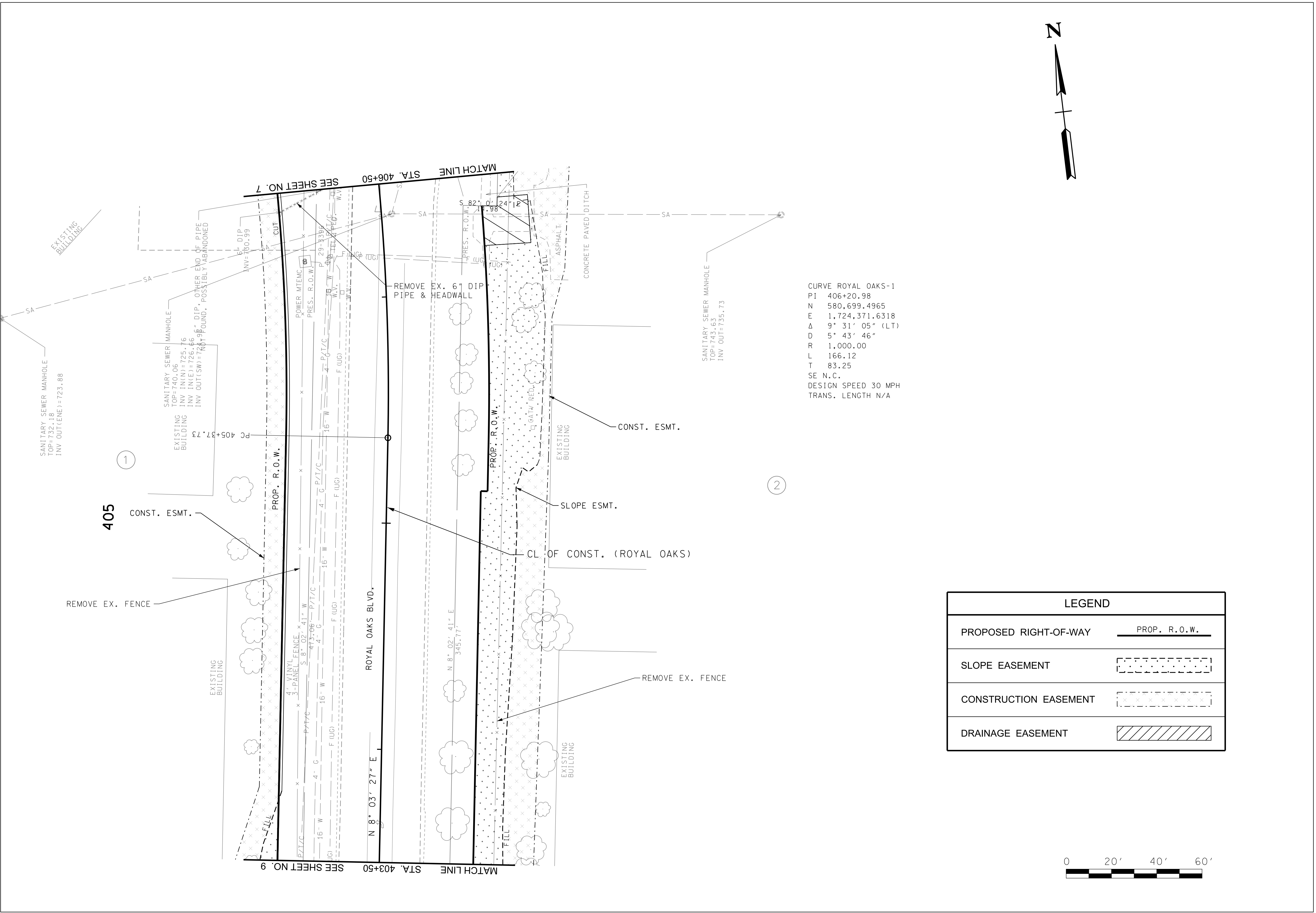
Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 9B



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

CURVE ROYAL OAKS-1
PI 406+20.98
N 580,699.4965
E 1,724,371.6318
Δ 9° 31' 05" (LT)
D 5' 43' 46"
R 1,000.00
L 166.12
T 83.25
SE N.C.
DESIGN SPEED 30 MPH
TRANS. LENGTH N/A

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DATE

DATE: _____

DESIGNED BY: _____

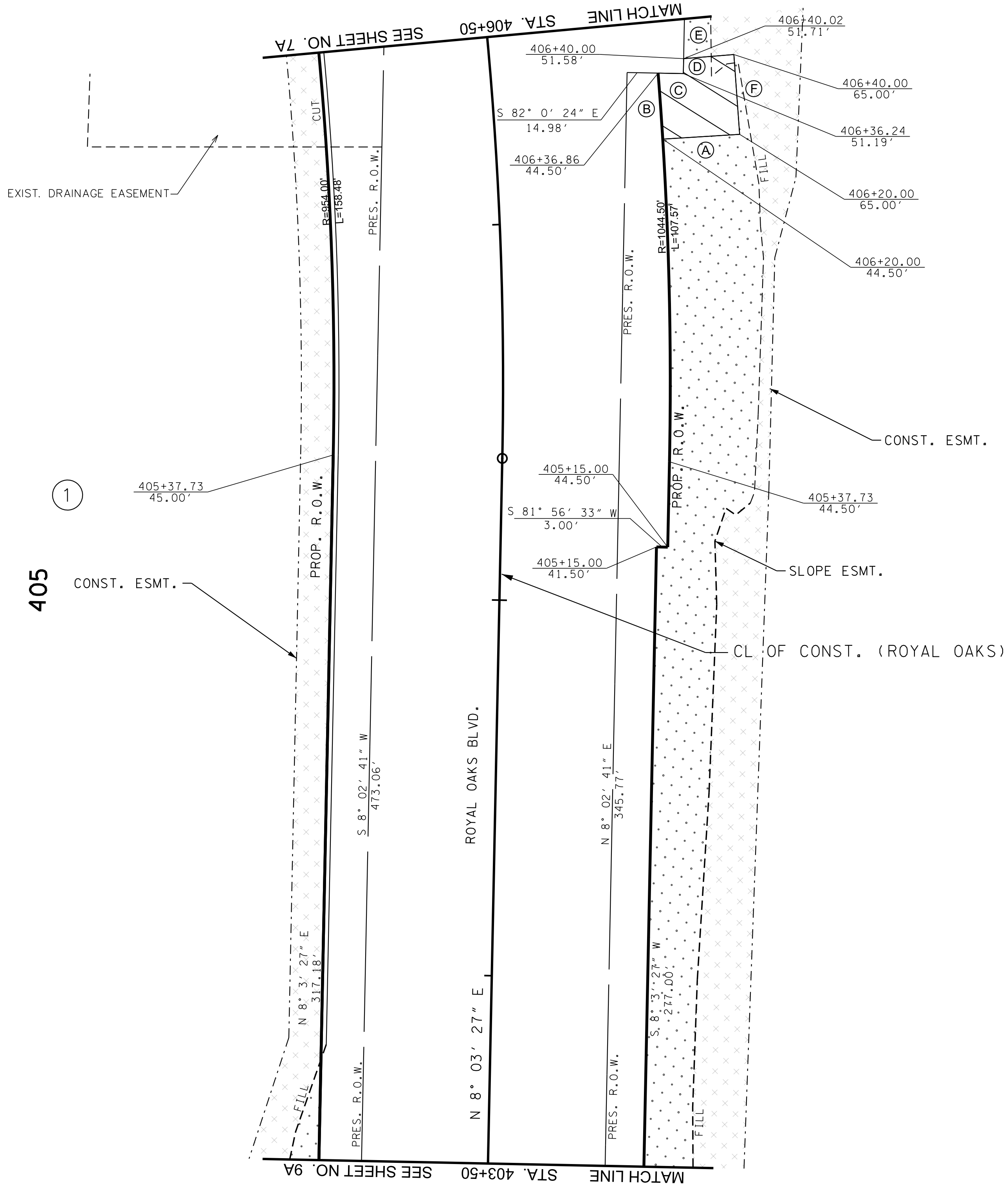
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SUPERVISED BY: _____

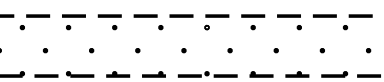
CHECKED BY: _____

YEAR: 2023

SHEET NO: 10



DRAINAGE EASEMENT TABLE		
SIDE	BEARING	DISTANCE
(A)	N86°39'22"W	20.50'
(B)	R = 1044.50'	L = 17.61'
(C)	N82°0'24"W	6.72'
(D)	S7°59'36"W	3.98'
(E)	N87°48'7"W	13.42'
(F)	N2°46'15"E	21.30'

LEGEND	
PROPOSED RIGHT-OF-WAY	 PROP. R.O.W.
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	



REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

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PHONE: (615) 656-1845 FAX: (615) 656-1870

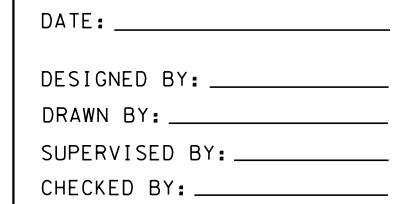
R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 10A



YEAR:	2023
SHEET NO:	10B

PROPOSED LAYOUT

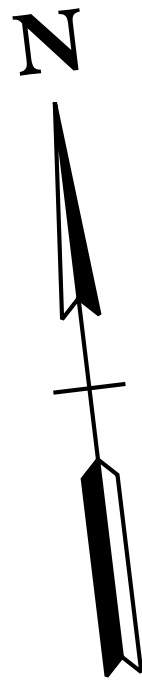
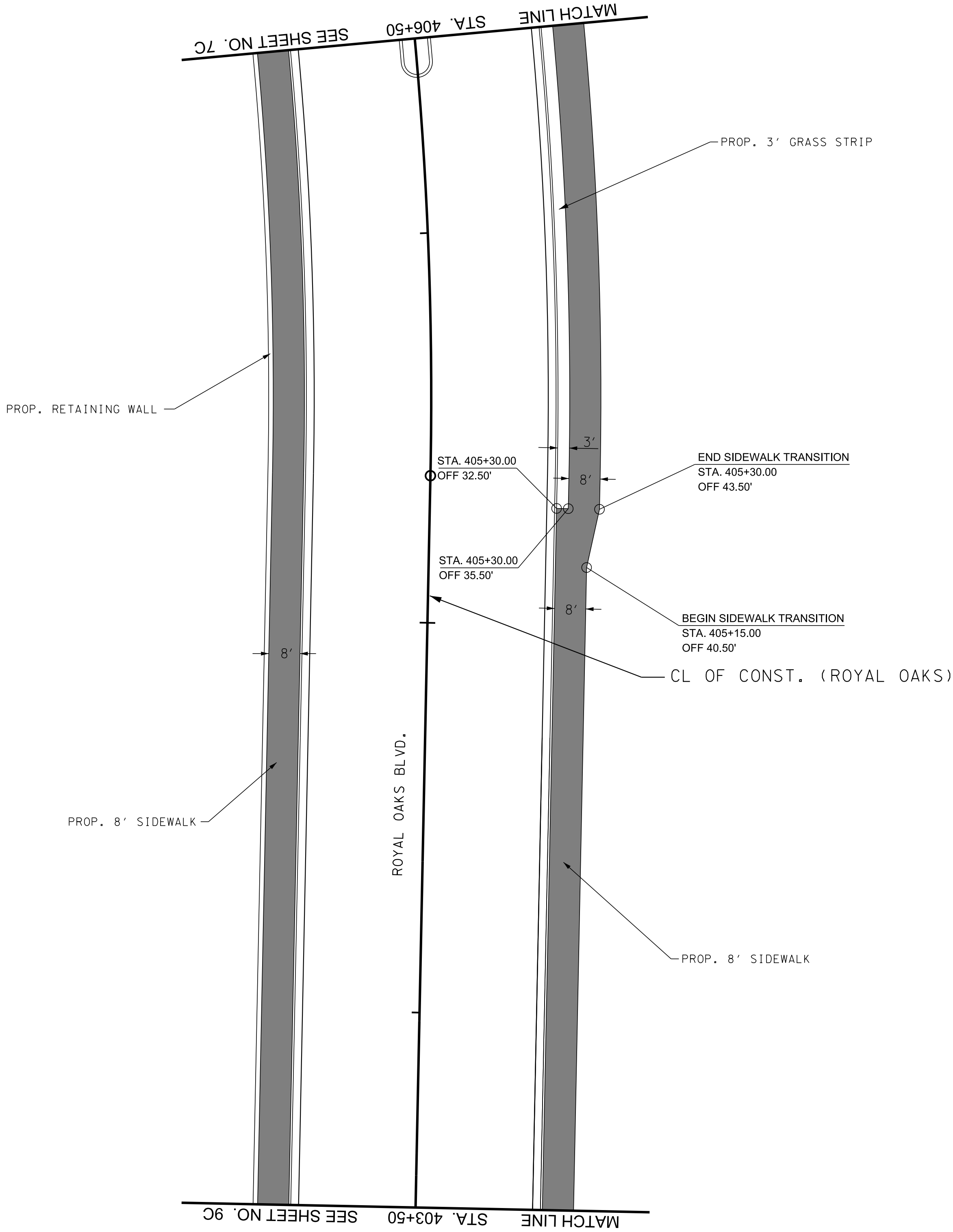
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

[illegible]

405



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 10C

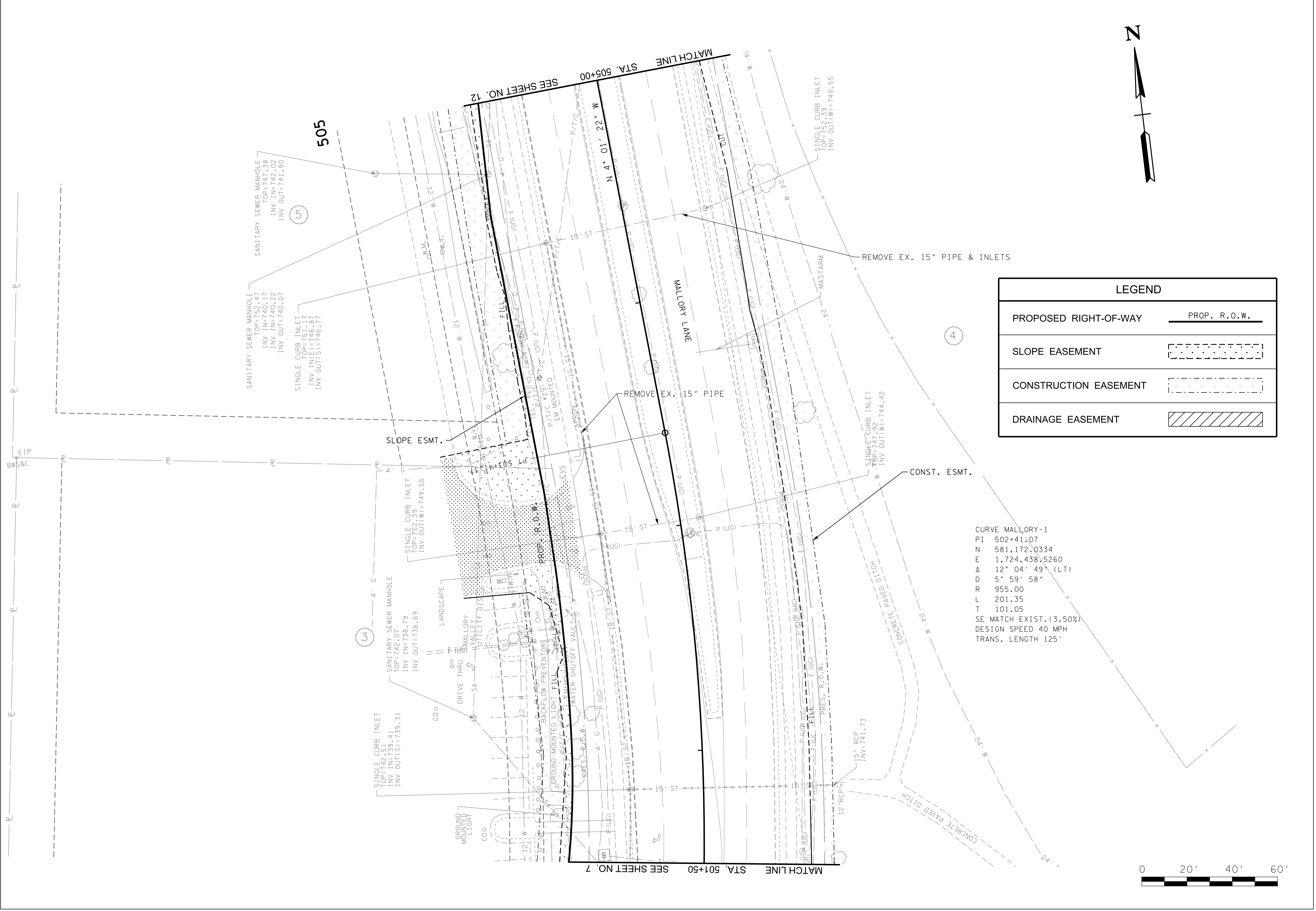
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS		DESCRIPTION	
NO	DATE	BY	



DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 11

PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

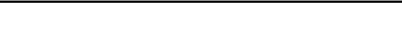
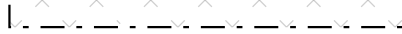
Volkert

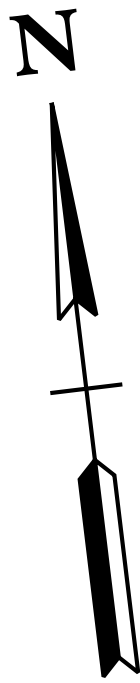
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
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REVISIONS	
NO	DATE BY DESCRIPTION

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LEGEND	
PROPOSED RIGHT-OF-WAY	
SLOPE EASEMENT	
CONSTRUCTION EASEMENT	
DRAINAGE EASEMENT	

[illegible]

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PHONE: (615) 656-1845 FAX: (615) 656-1870

R.O.W. DETAILS

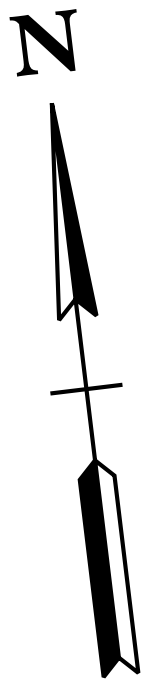
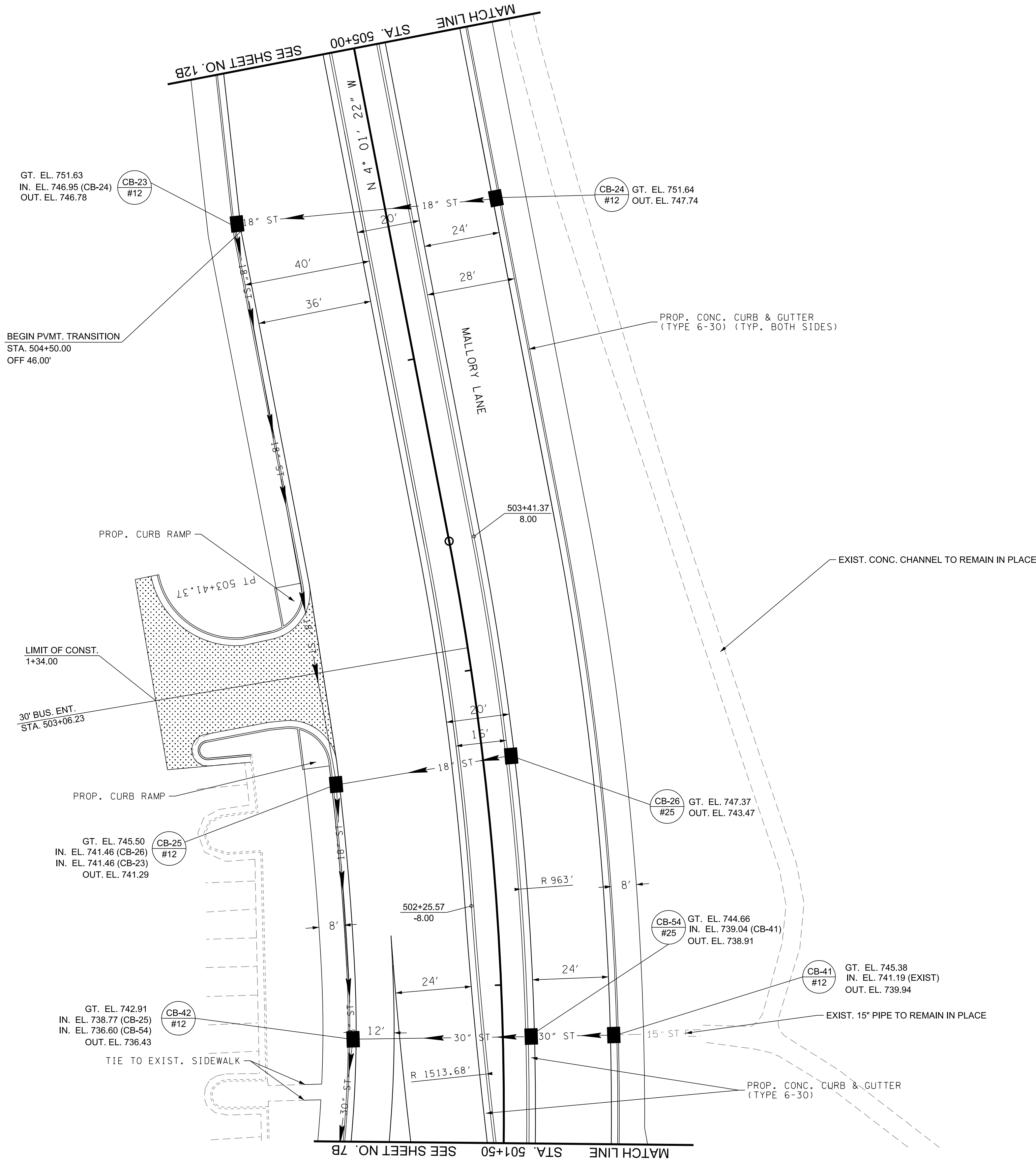
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 11A

505



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

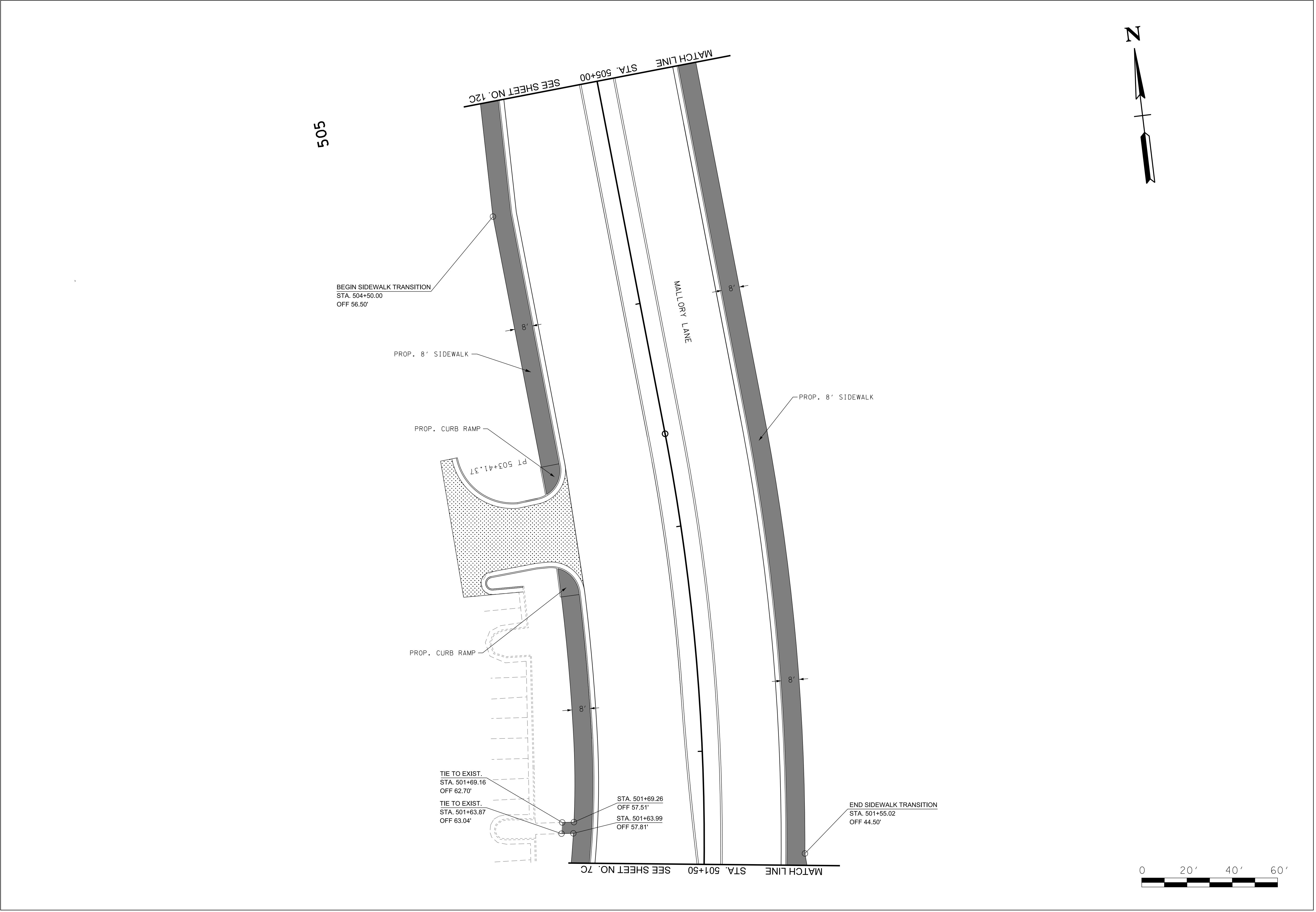
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 11B



PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 11C

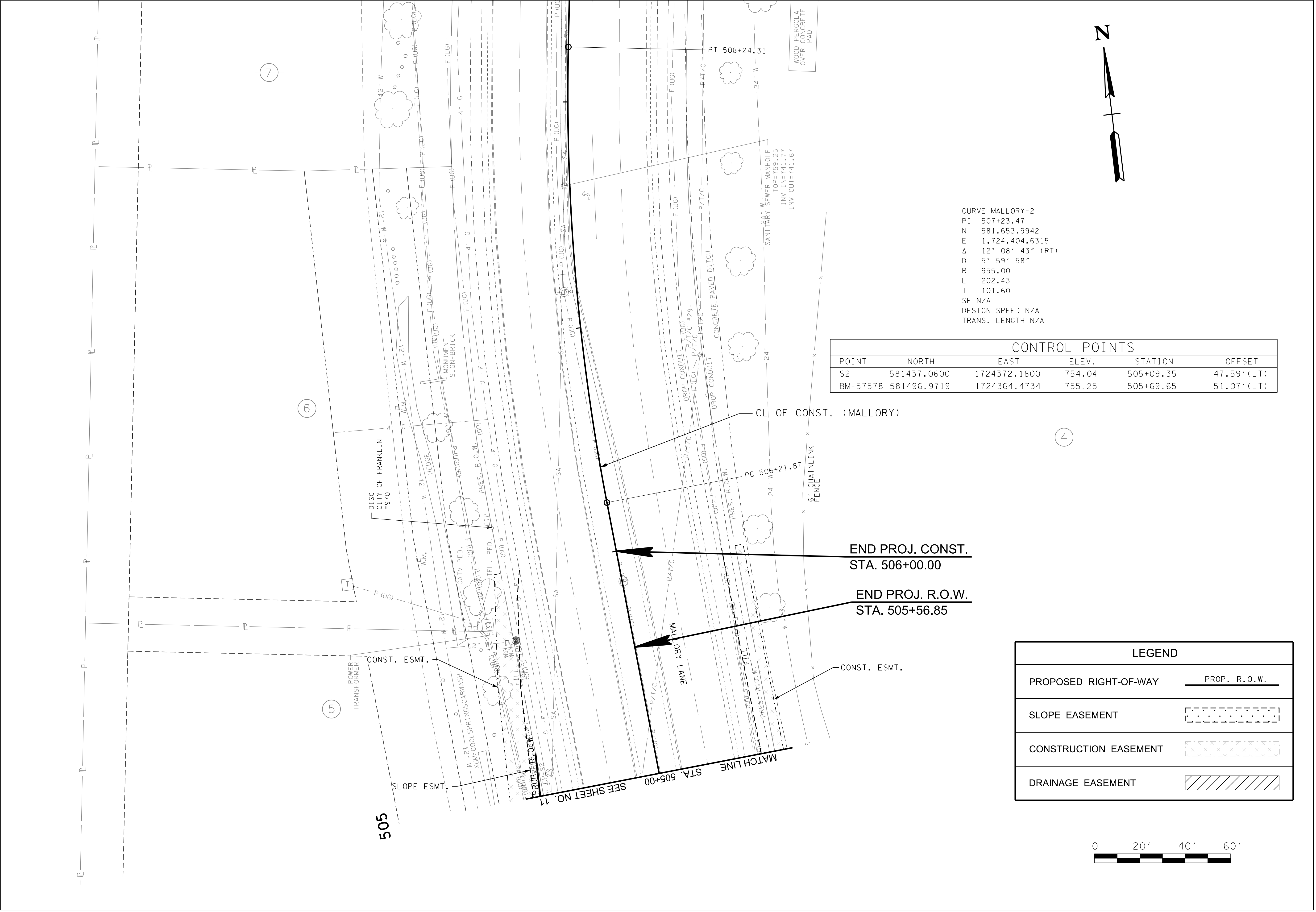
REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

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REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

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PRESENT LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

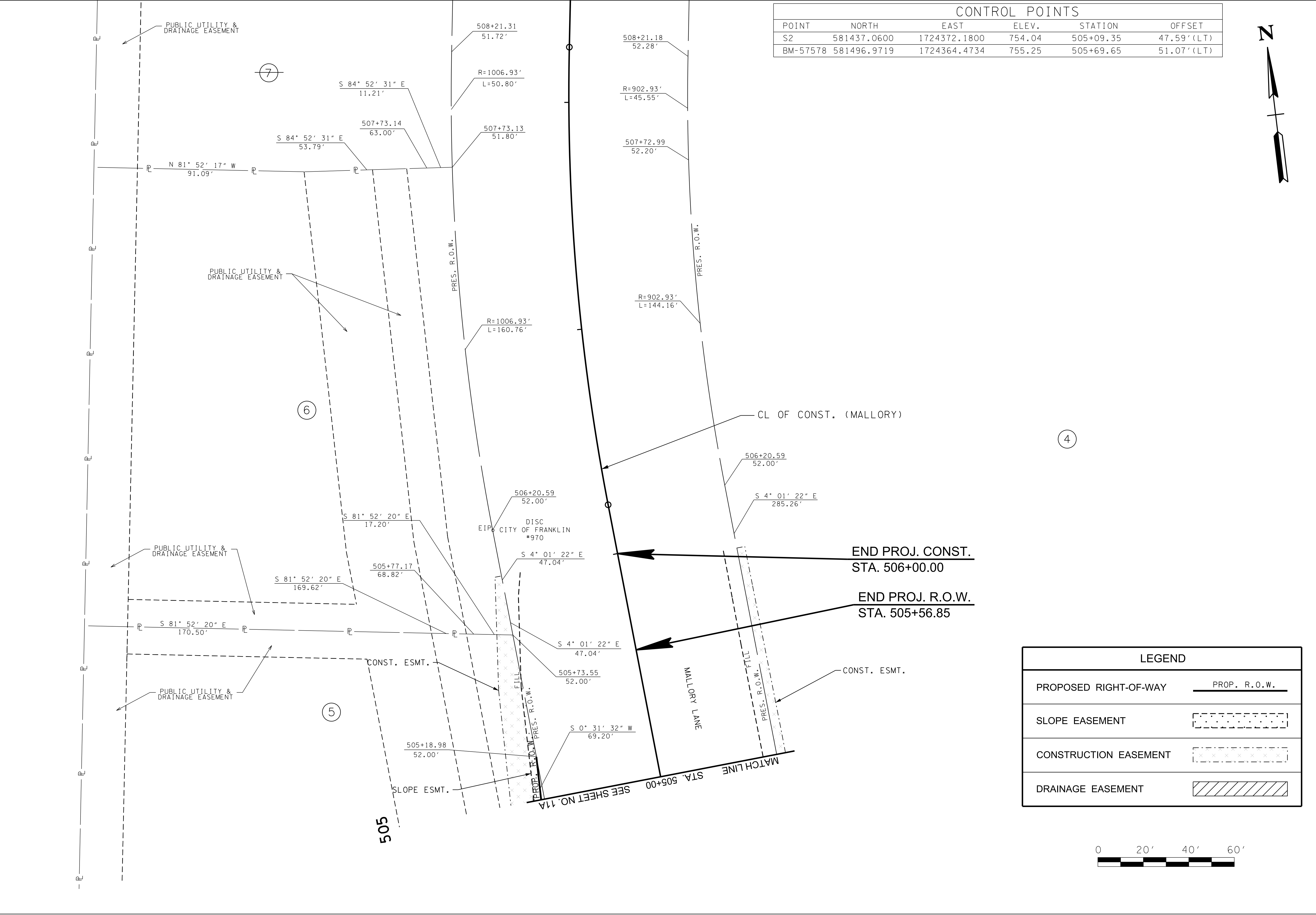
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SUPERVISED BY: _____

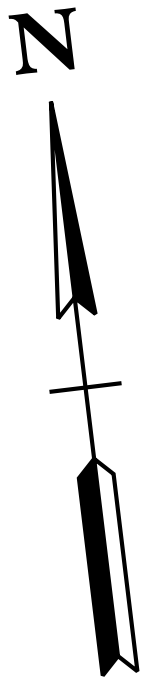
CHECKED BY: _____

YEAR: 2023

SHEET NO: 12



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
S2	581437.0600	1724372.1800	754.04	505+09.35	47.59' (LT)
BM-57578	581496.9719	1724364.4734	755.25	505+69.65	51.07' (LT)



LEGEND	
PROPOSED RIGHT-OF-WAY	PROP. R.O.W.
SLOPE EASEMENT	[Dashed line pattern]
CONSTRUCTION EASEMENT	[Cross-hatch pattern]
DRAINAGE EASEMENT	[Diagonal line pattern]



REVISIONS	
NO	DESCRIPTION

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

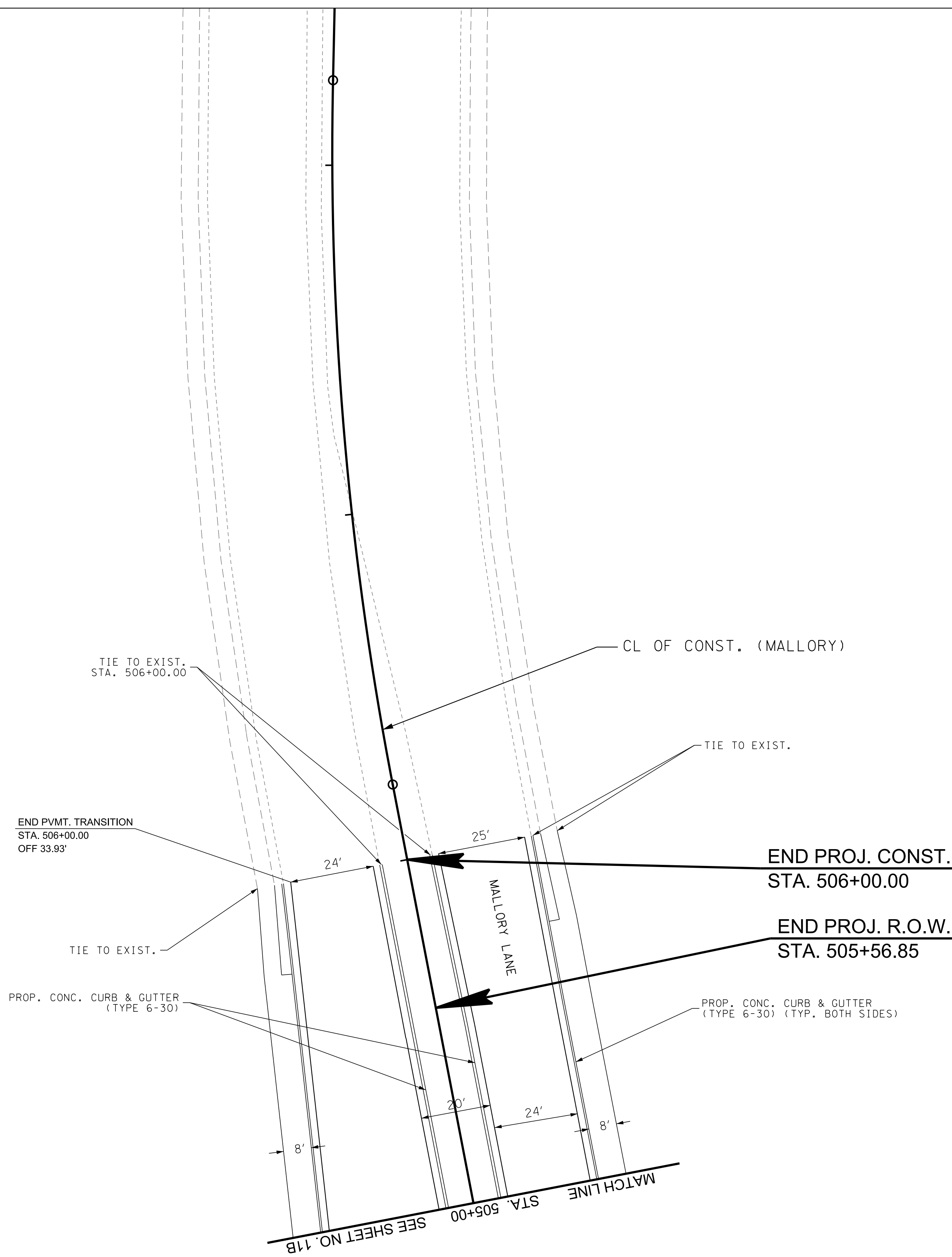
R.O.W. DETAILS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

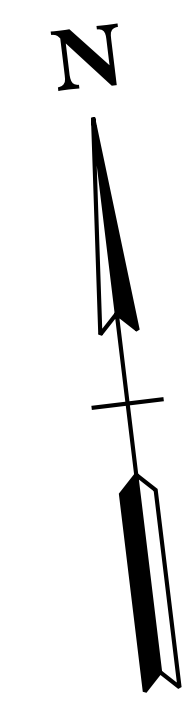
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 12A



505



REVISIONS		DESCRIPTION	
NO	DATE	BY	

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PROPOSED LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

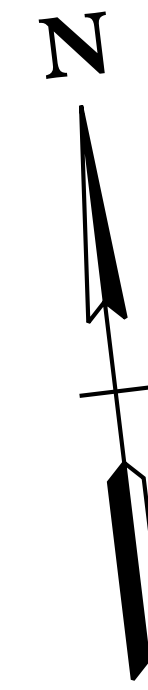
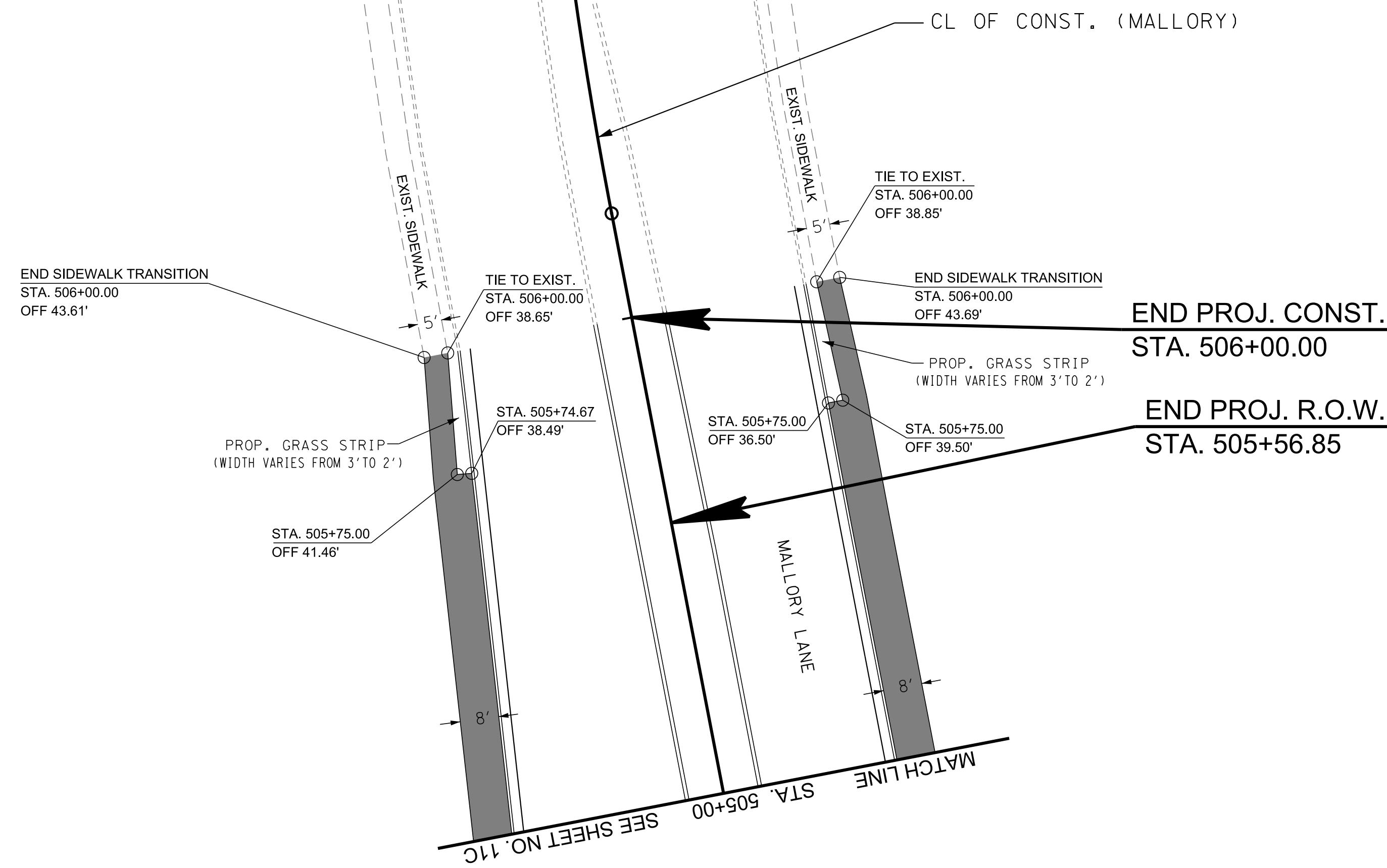
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 12B

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Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

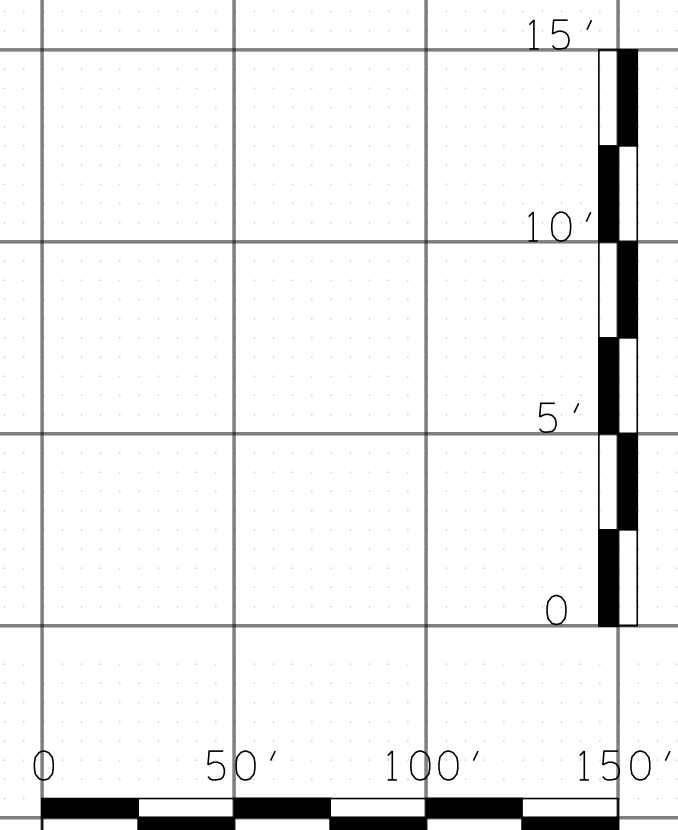
PROPOSED SIDEWALK LAYOUT

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:12C

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

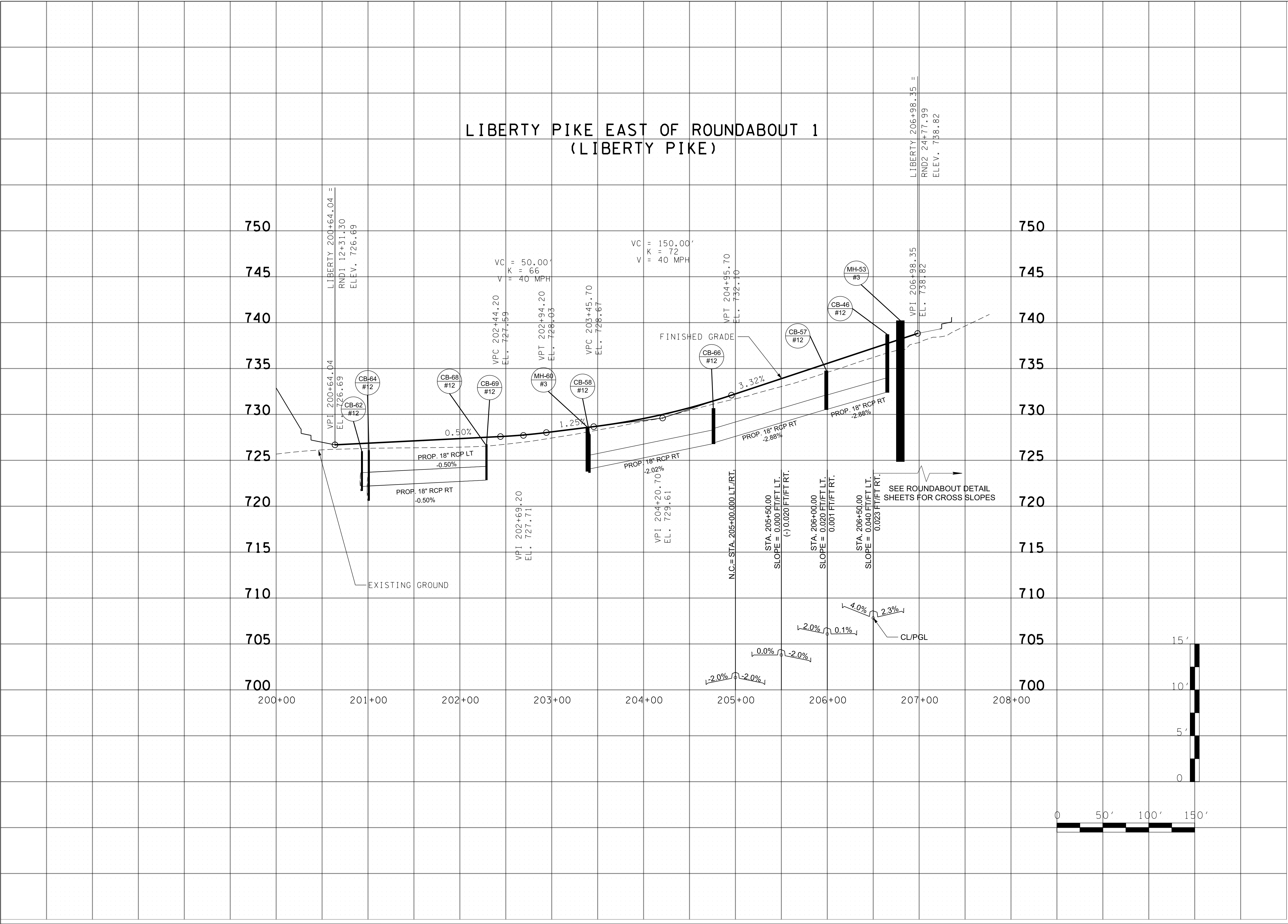
LIBERTY PIKE PROPOSED
PROFILE SHEET

WALLCUT LANE / LIDENT LANE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:13



REVISIONS		DESCRIPTION	
NO	DATE	BY	

LIBERTY PIKE PROPOSED
PROFILE SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

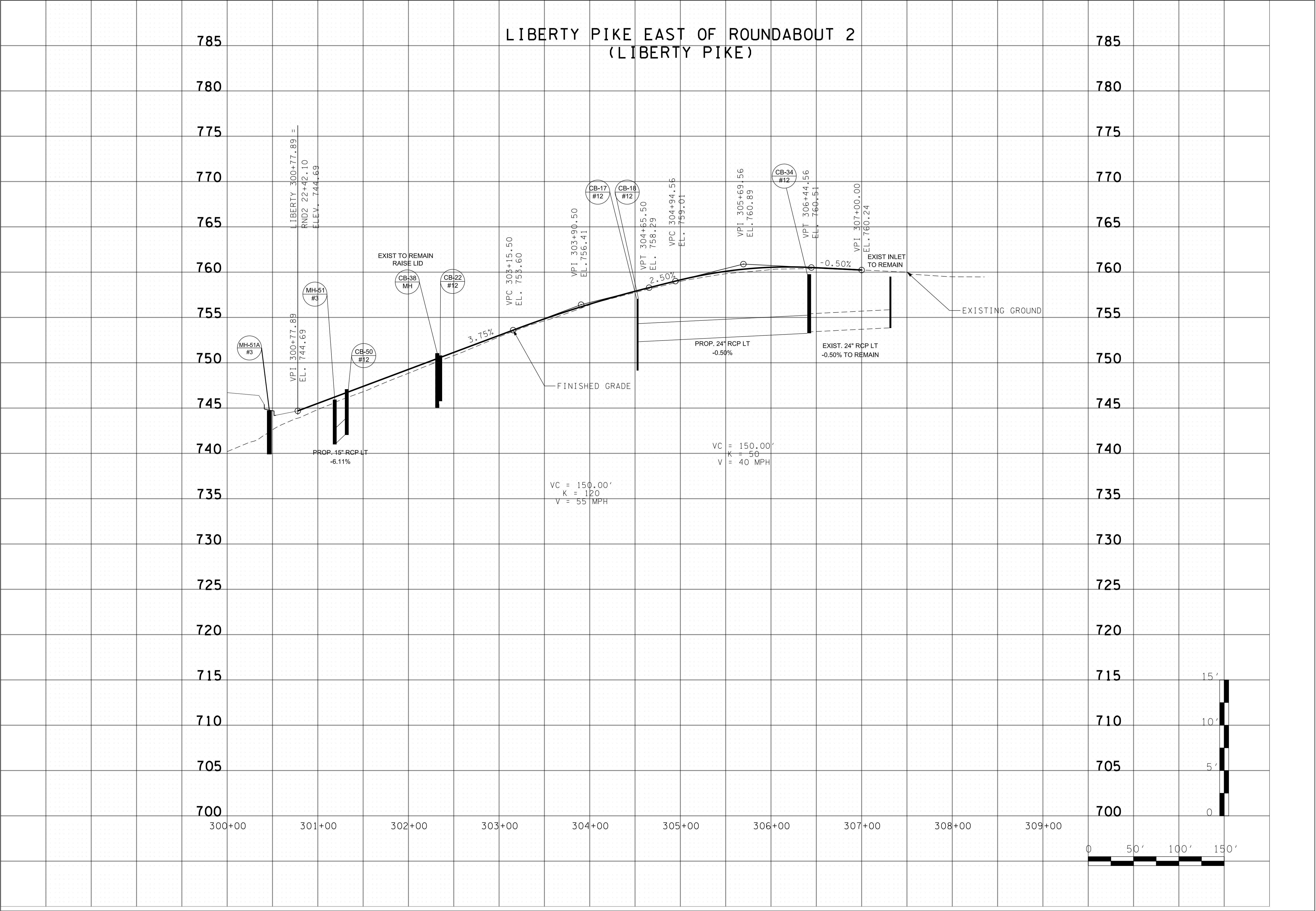
YEAR: 2023

SHEET NO: 14

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
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LIBERTY PIKE PROPOSED
PROFILE SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

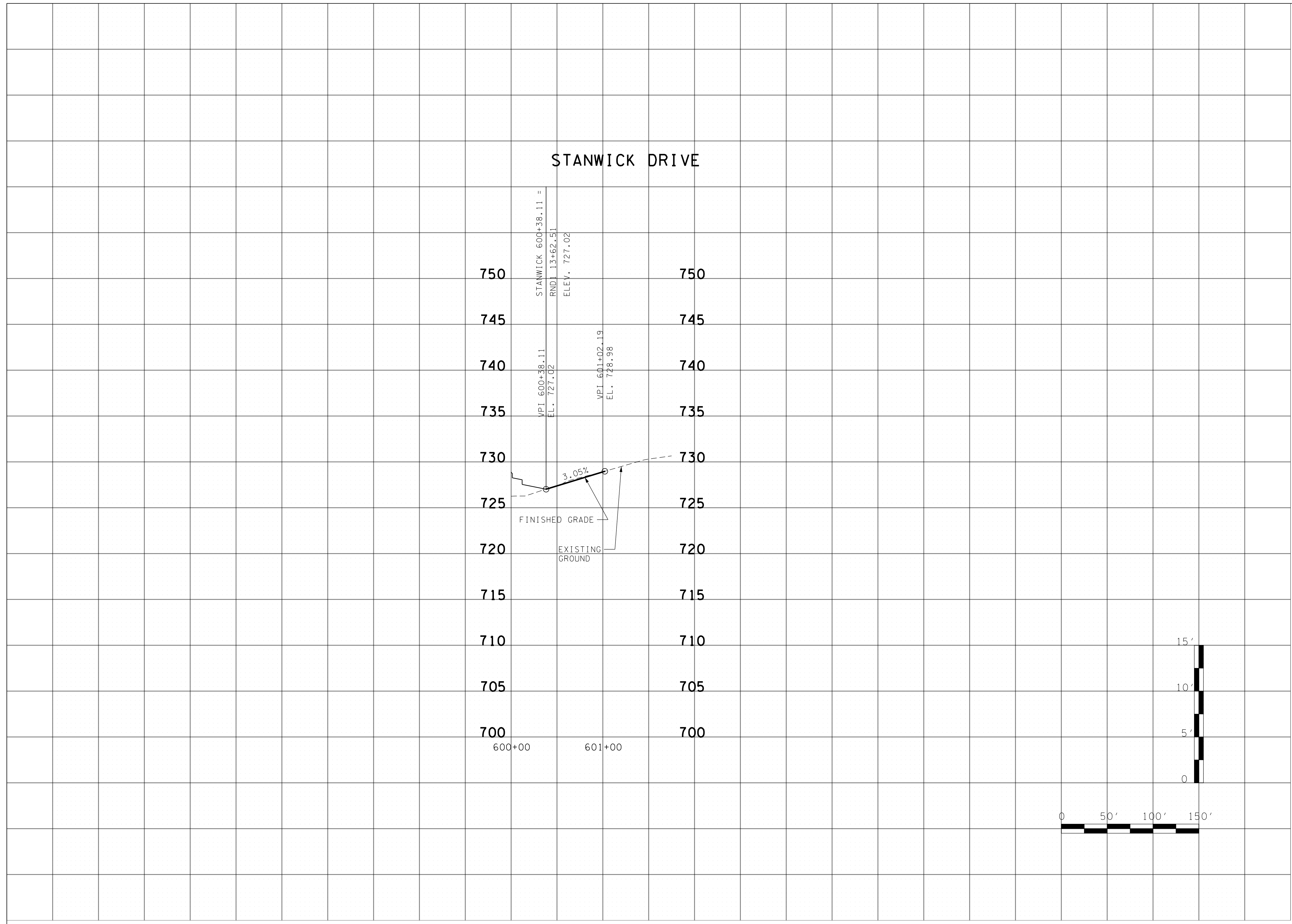
YEAR: 2023

SHEET NO:15

REVISIONS
NO. DATE BY DESCRIPTION

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

[illegible]

VOLKERT

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

STANWICK DRIVE PROPOSED
PROFILE SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

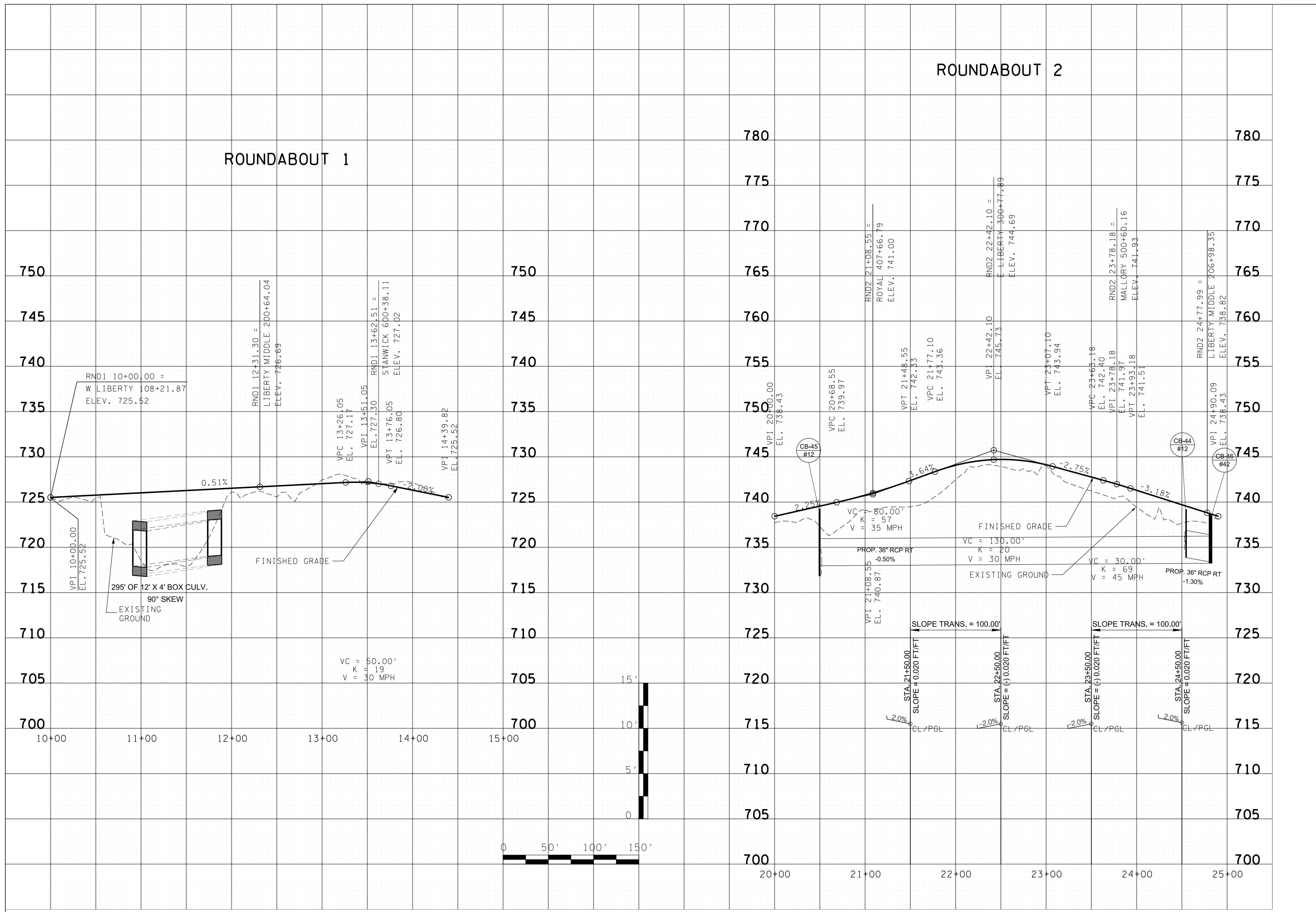
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:18

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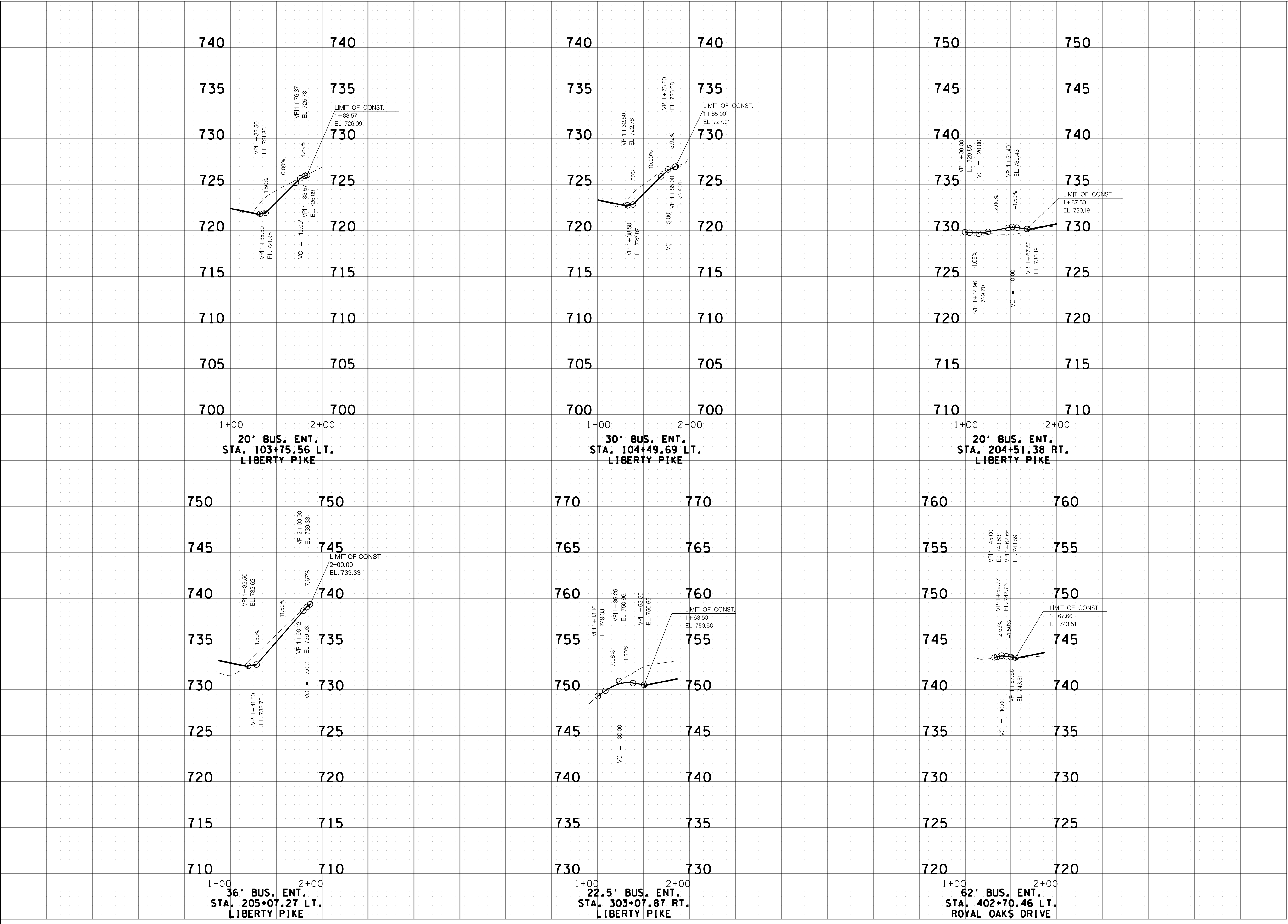
VOLKERT

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SUITE 230-I, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

STANWICK DRIVE PROPOSED
PROFILE SHEET

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE : _____ DESIGNED BY : _____ DRAWN BY : _____ SUPERVISED BY : _____ CHECKED BY : _____ _____ _____	YEAR : 2023 SHEET NO: 18A
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REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

PRIVATE DRIVE & BUSINESS ENTRANCE
PROFILES

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

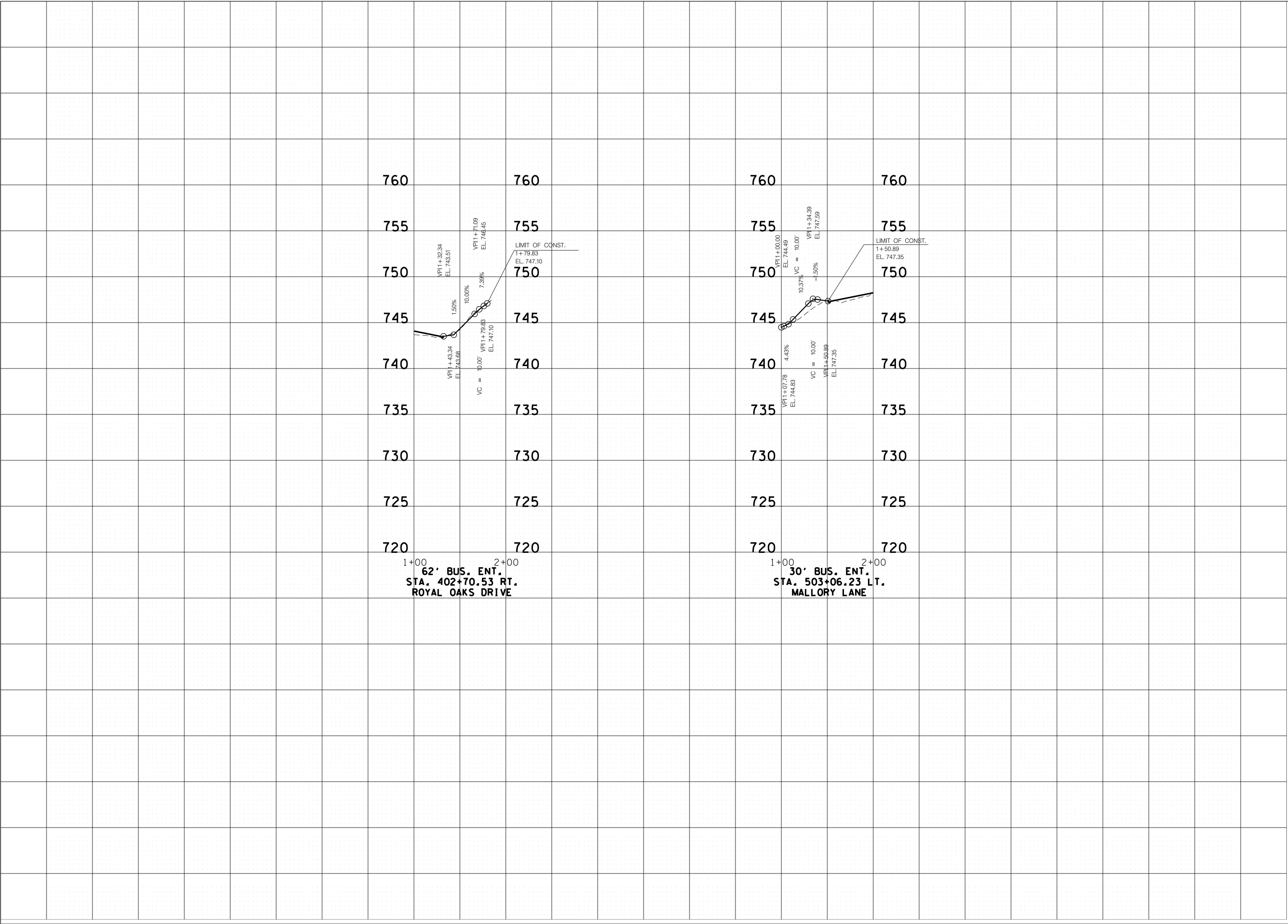
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:19



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

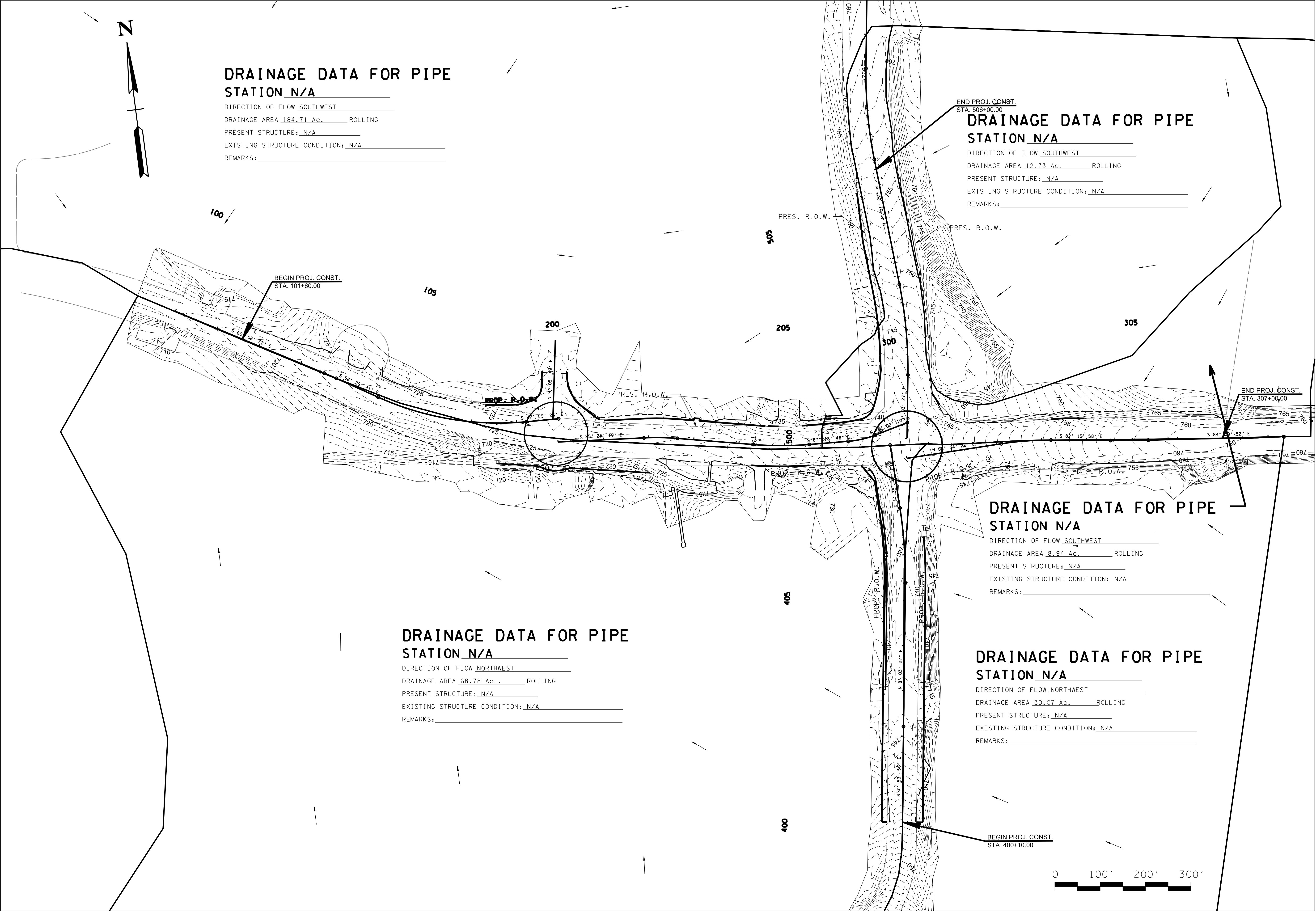
PRIVATE DRIVE & BUSINESS ENTRANCE
PROFILES

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:20



**DRAINAGE DATA FOR PIPE
STATION N/A**

DIRECTION OF FLOW SOUTHWEST
DRAINAGE AREA 184.71 AC. _____ ROLLING
PRESENT STRUCTURE: N/A
EXISTING STRUCTURE CONDITION: N/A
REMARKS: _____

**DRAINAGE DATA FOR PIPE
STATION N/A**

DIRECTION OF FLOW SOUTHWEST
DRAINAGE AREA 12.73 AC. _____ ROLLING
PRESENT STRUCTURE: N/A
EXISTING STRUCTURE CONDITION: N/A
REMARKS: _____

**DRAINAGE DATA FOR PIPE
STATION N/A**

DIRECTION OF FLOW SOUTHWEST
DRAINAGE AREA 8.94 AC. _____ ROLLING
PRESENT STRUCTURE: N/A
EXISTING STRUCTURE CONDITION: N/A
REMARKS: _____

**DRAINAGE DATA FOR PIPE
STATION N/A**

DIRECTION OF FLOW NORTHWEST
DRAINAGE AREA 30.07 AC. _____ ROLLING
PRESENT STRUCTURE: N/A
EXISTING STRUCTURE CONDITION: N/A
REMARKS: _____

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

DRAINAGE MAP

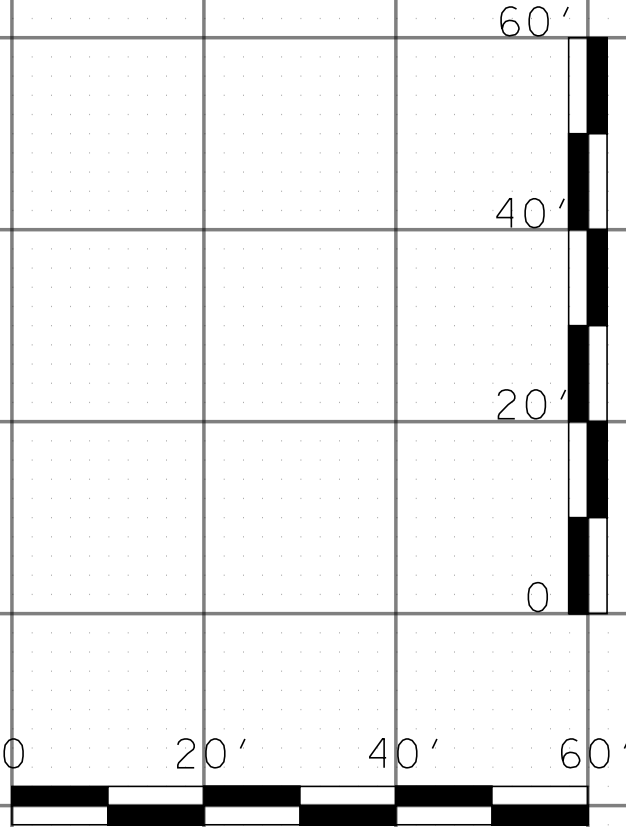
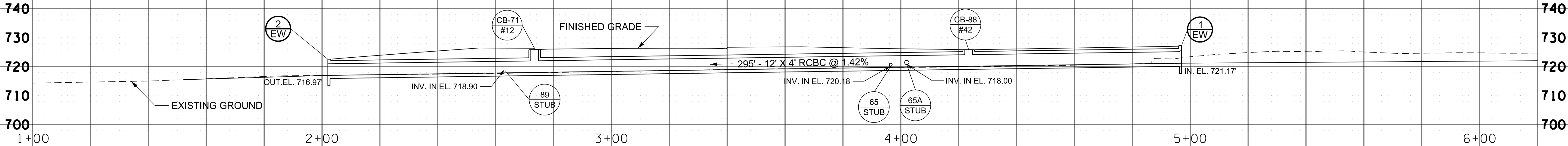
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 21

BOX CULVERT		
STATION: 11+30.00 RND1		
STRUCTURE: 295' OF 12' X4' RCBC		
SKEW	90	DEG.
DRAINAGE AREA	82.79	AC.
DESIGN DISCHARGE (Q50)	272	CFS
DESIGN DISCHARGE (Q100)	299	CFS
OVERTOPPING	727.31	ELEV.
ALLOWABLE HEADWATER	726.31	ELEV.
Q50 HEADWATER	724.13	ELEV.
Q100 HEADWATER	724.42	ELEV.
VELOCITY (Q50)	7.62	FT/S
VELOCITY (Q100)	8.16	FT/S
INLET	721.17	ELEV.
OUTLET	716.97	ELEV.
STANDARD DRAWING NOS.: STD-17-56 , STD-17-11		
QUANTITIES:		
CLASS "A" CONCRETE	378	C.Y.
STEEL BAR REINFORCING	76614	LB.
BACKFILL		TONS
FOUNDATION FILL MATERIAL		C.Y.



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

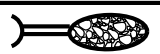
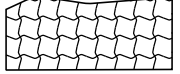
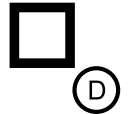
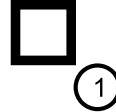
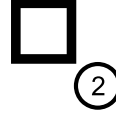
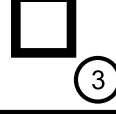
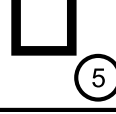
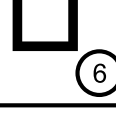
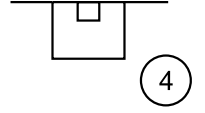
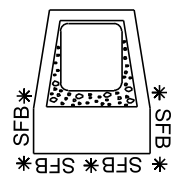
CULVERT SECTIONS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 22

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	TEMPORARY BERM	EC-STR-27
	TEMPORARY SLOPE DRAIN	EC-STR-27
	EROSION CONTROL BLANKET	EC-STR-34
* TUBE 20' * TUBE 20' *	20 INCH SEDIMENT TUBE	EC-STR-37
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
	CATCH BASIN FILTER ASSEMBLY (TYPE 3)	EC-STR-43
	CATCH BASIN FILTER ASSEMBLY (TYPE 5)	EC-STR-45
	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EC-STR-46
	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)	EC-STR-32
	RIPRAP	EC-STR-27
	SEDIMENT FILTER BAG	EC-STR-2
* HVF * HVF *	HIGH VISIBILITY FENCE	S-F-1

TEMPORARY CONSTRUCTION EXIT TO BE PLACED AS DIRECTED BY THE ENGINEER.

ALL QUANTITIES TO BE VERIFIED BY THE ENGINEER

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

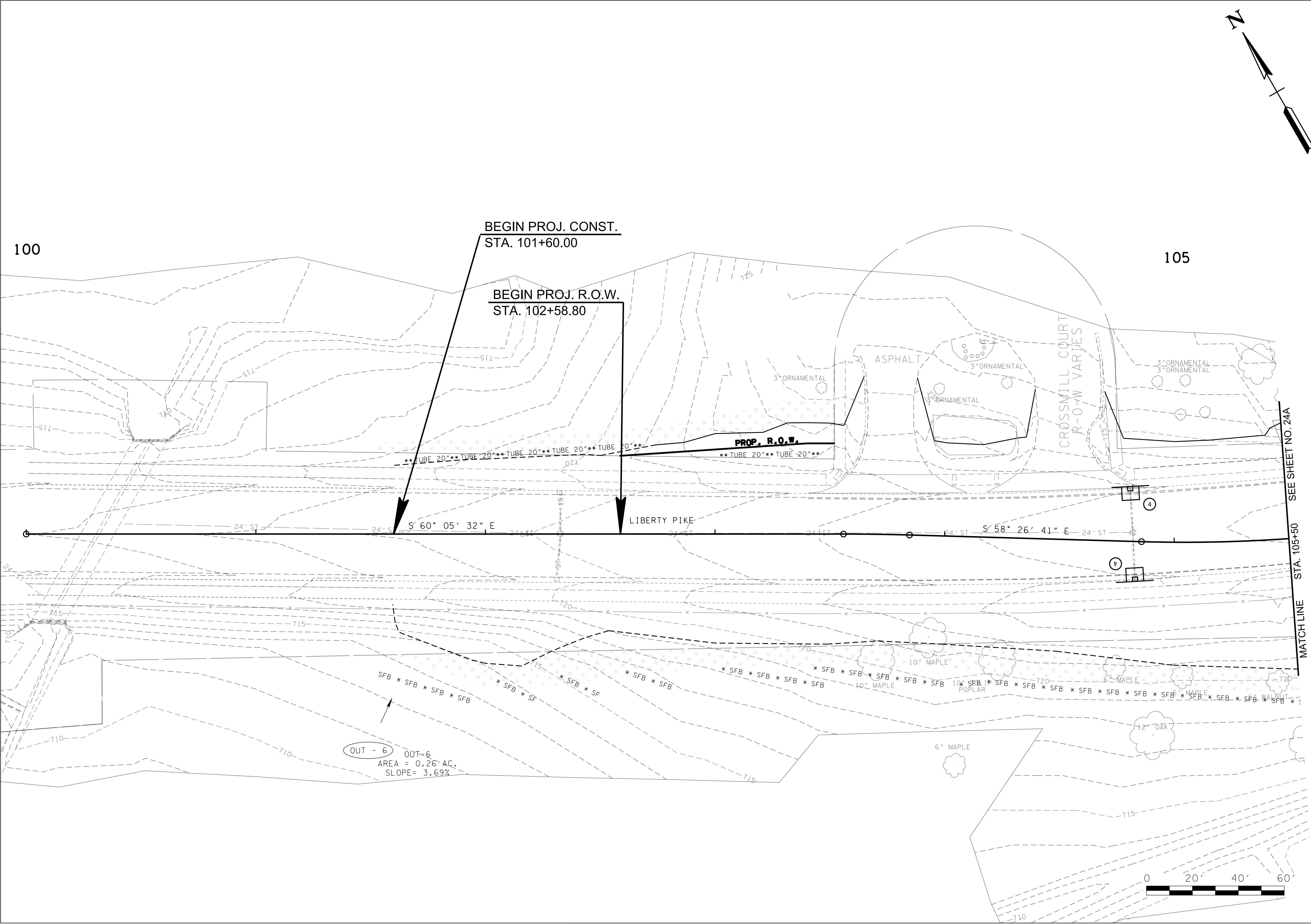
EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND AND QUANTITIES

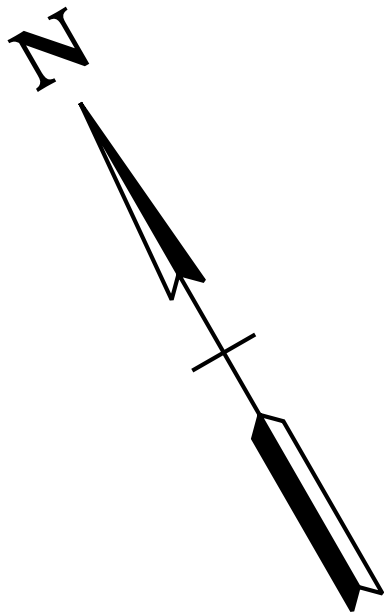
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 23



[illegible]

VOLKERT

EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

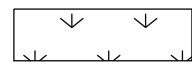
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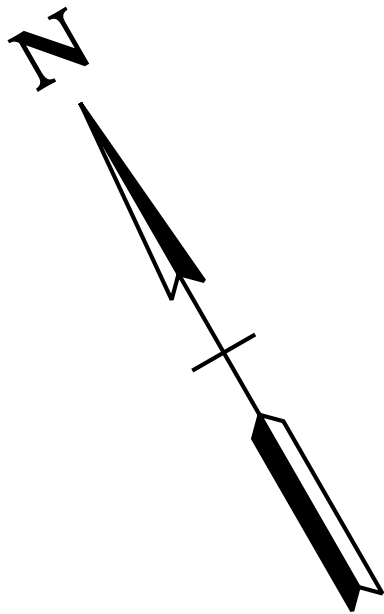
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 25

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

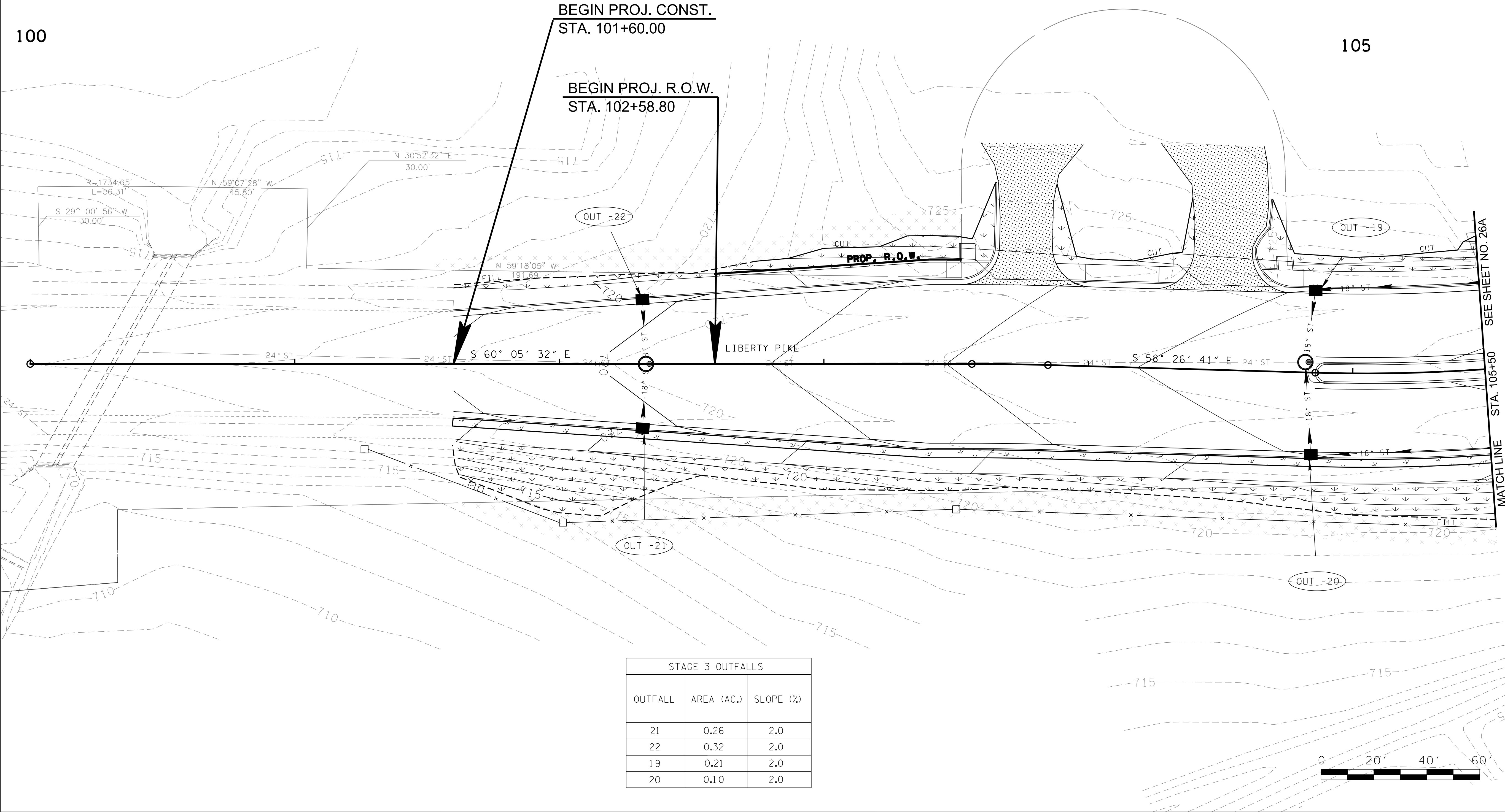
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

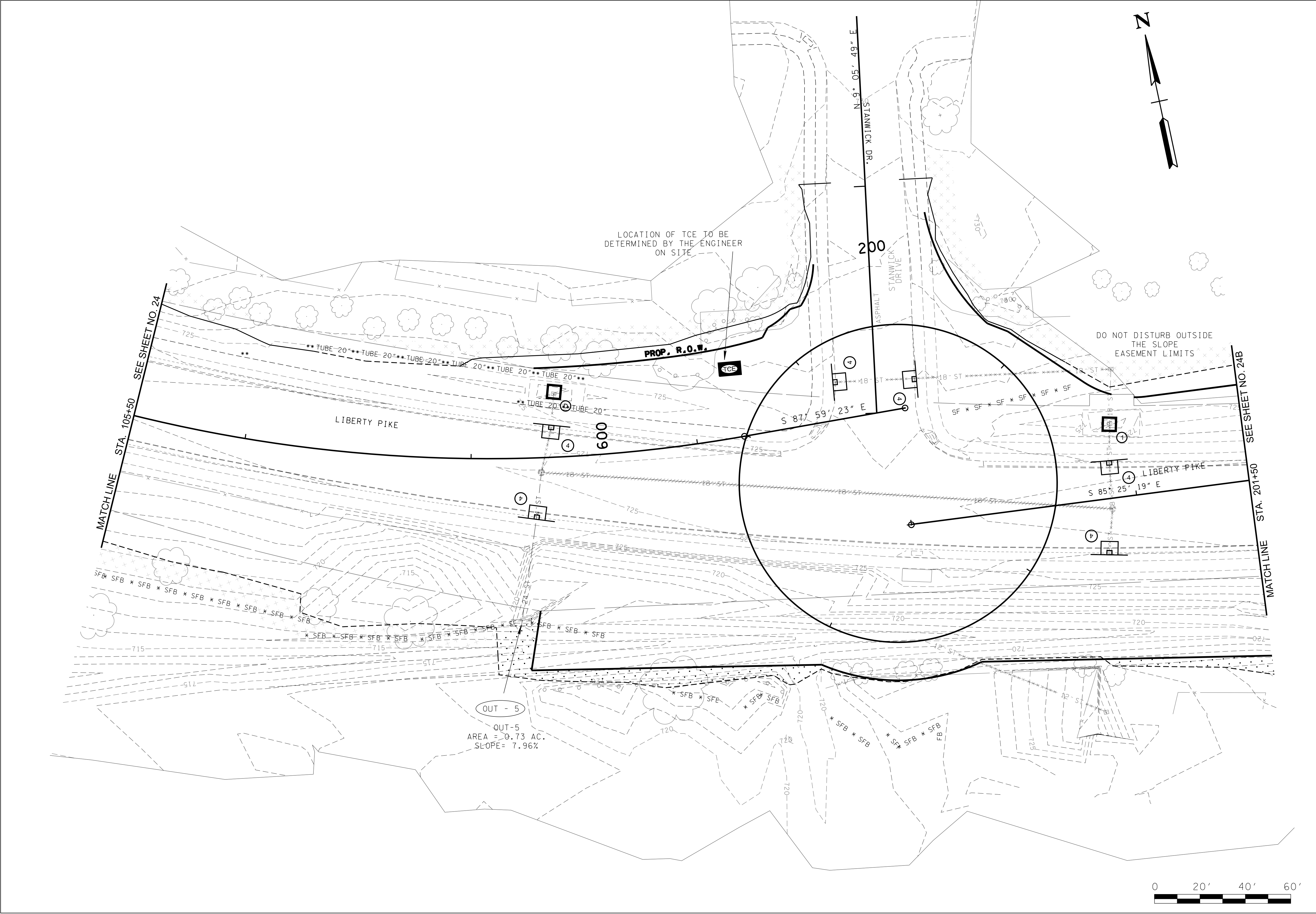
YEAR: 2023

SHEET NO: 26



STAGE 3 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
21	0.26	2.0
22	0.32	2.0
19	0.21	2.0
20	0.10	2.0





REVISIONS		DESCRIPTION	
NO	DATE	BY	

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SUITE 230-1, BRENTWOOD, TN 37027
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EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

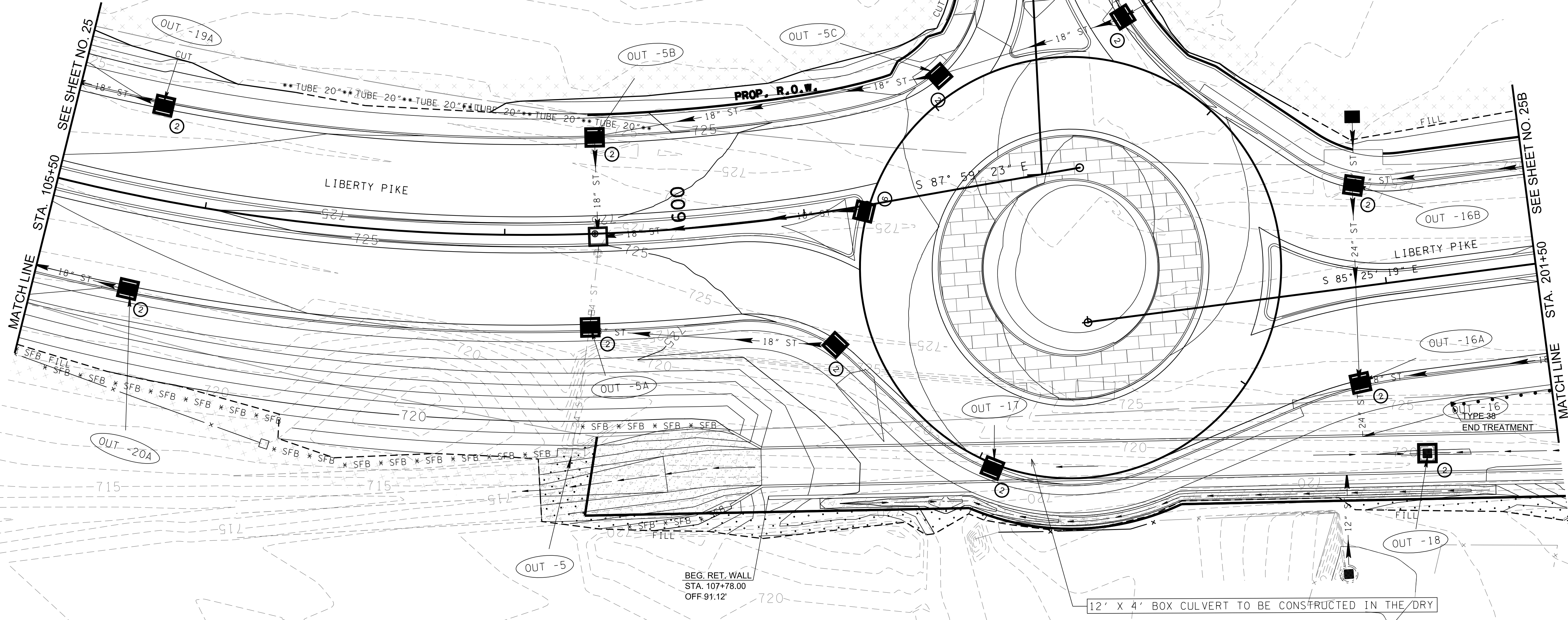
DATE: _____

DESIGNED BY: _____

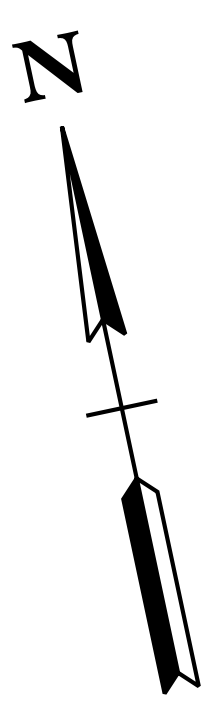
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____



STAGE 2 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
19A	0.31	2.0
20A	0.15	2.0
5B	0.15	2.0
5A	0.09	2.0
5	0.11	4.2
5C	0.25	2.0
5D	0.20	2.0
16B	0.12	2.0
16A	0.14	2.0
16	0.10	2.0
17	0.27	2.0
18	0.08	1.70



REVISIONS		DESCRIPTION
NO	DATE	BY

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 2

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

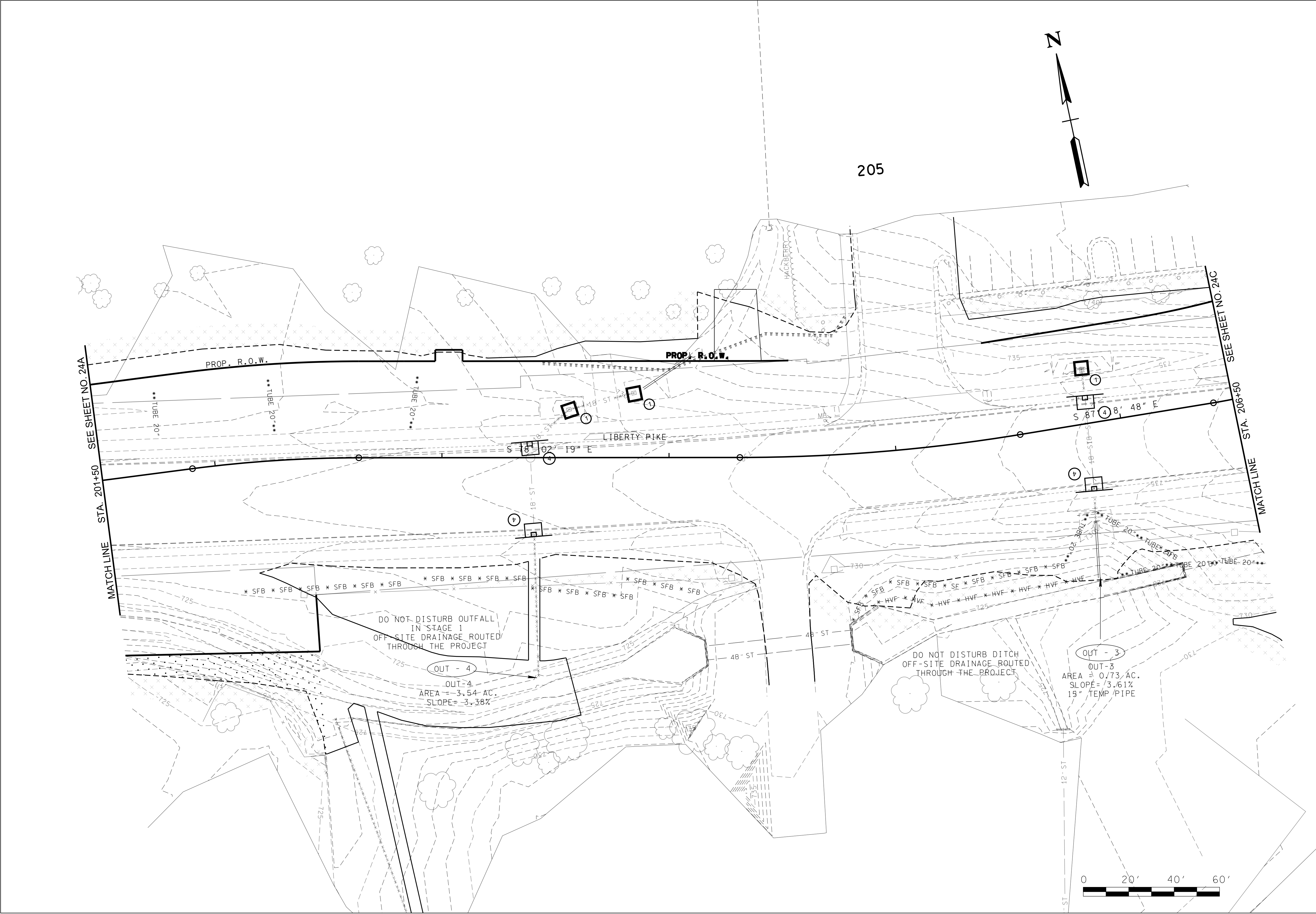
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:25A

Page 275 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

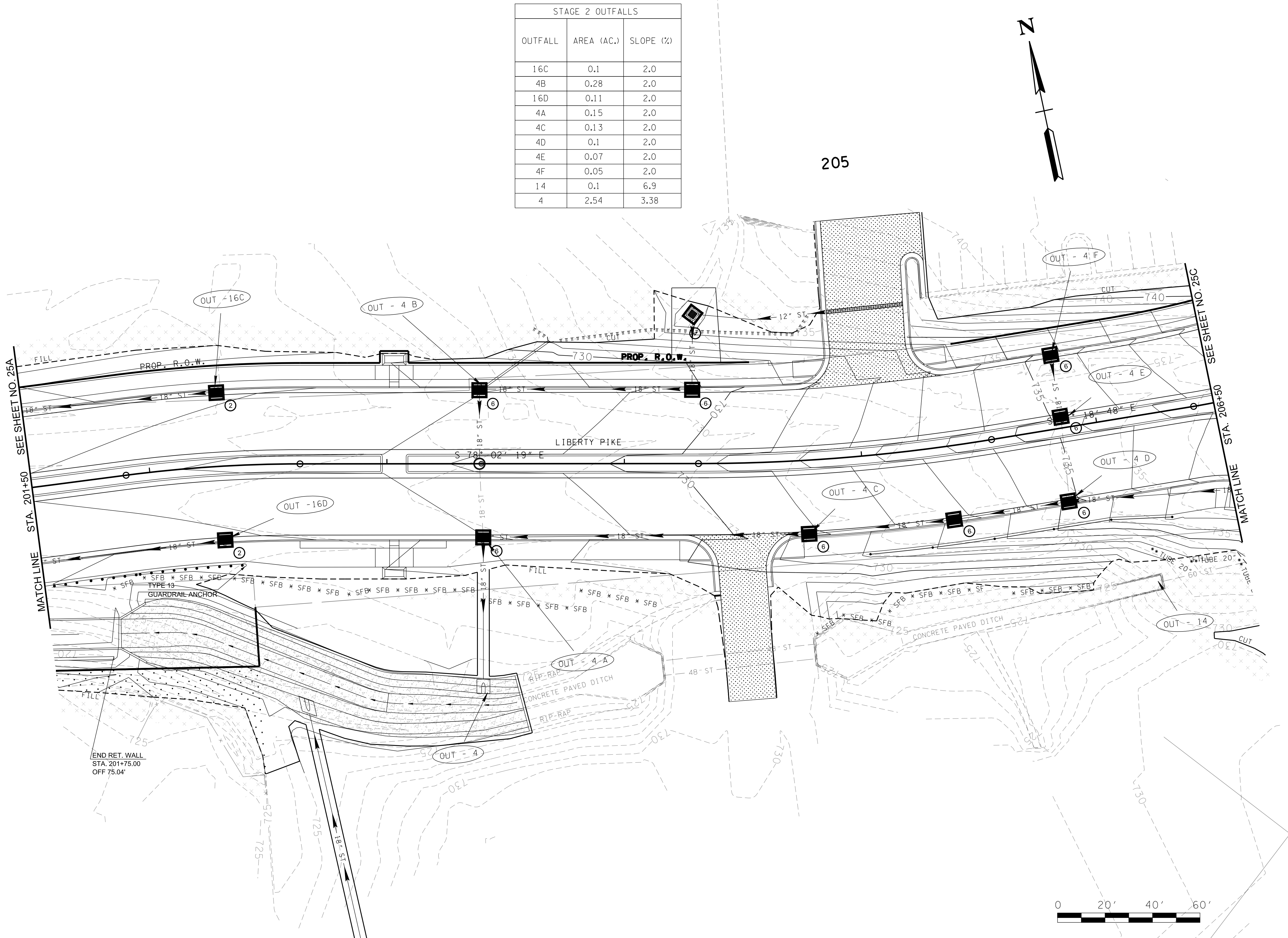
EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 24B



STAGE 2 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
16C	0.1	2.0
4B	0.28	2.0
16D	0.11	2.0
4A	0.15	2.0
4C	0.13	2.0
4D	0.1	2.0
4E	0.07	2.0
4F	0.05	2.0
14	0.1	6.9
4	2.54	3.38

REVISIONS		DESCRIPTION	
NO	DATE	BY	

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PHASE 2

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

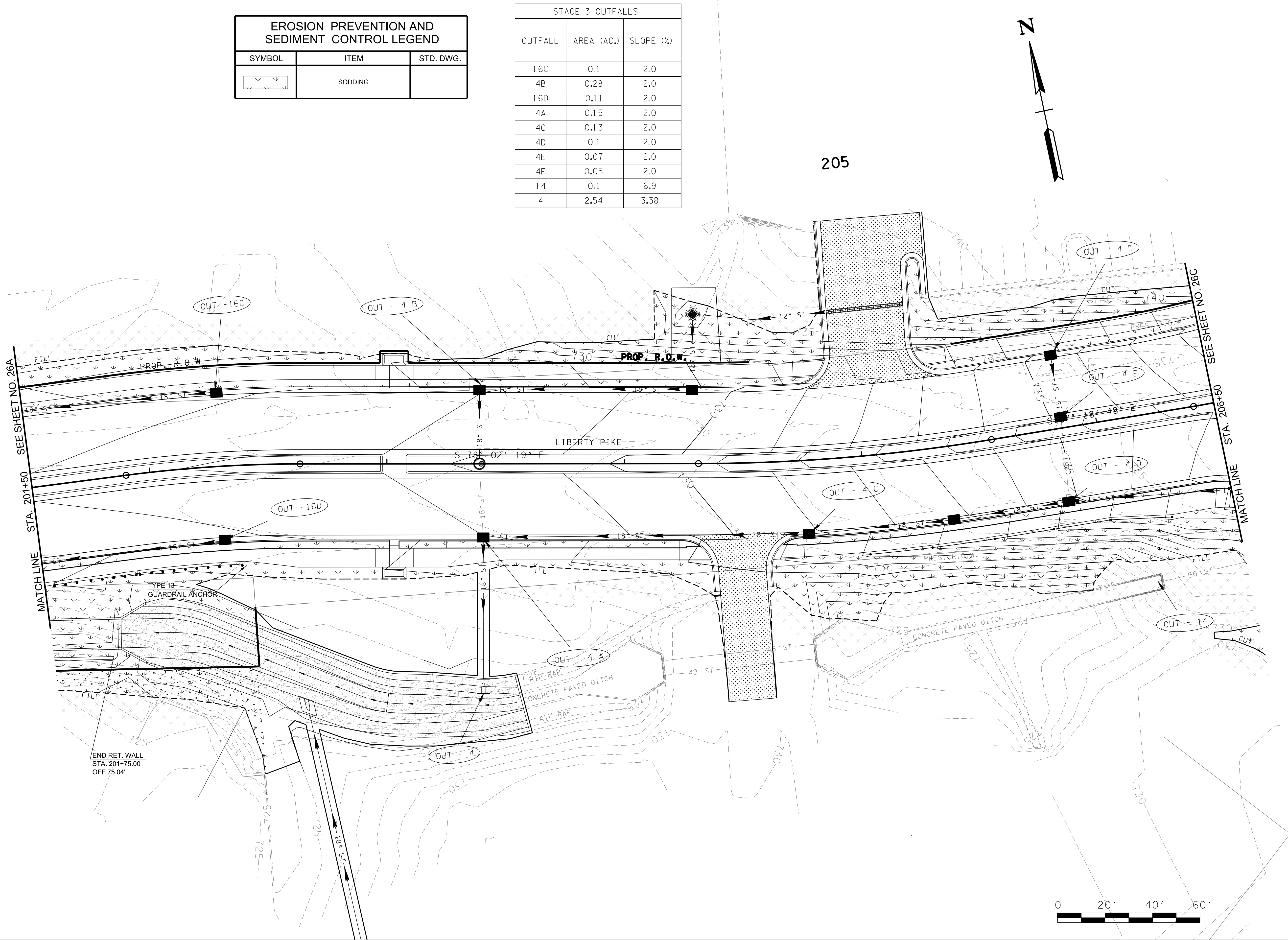
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 25B



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	

STAGE 3 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
16C	0.1	2.0
4B	0.28	2.0
16D	0.11	2.0
4A	0.15	2.0
4C	0.13	2.0
4D	0.1	2.0
4E	0.07	2.0
4F	0.05	2.0
14	0.1	6.9
4	2.54	3.38

REVISIONS		DESCRIPTION
NO.	DATE	BY

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

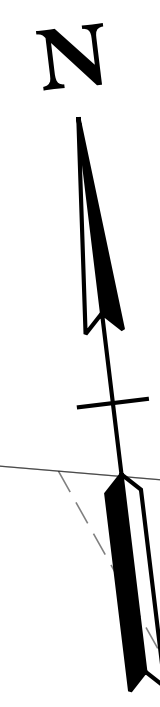
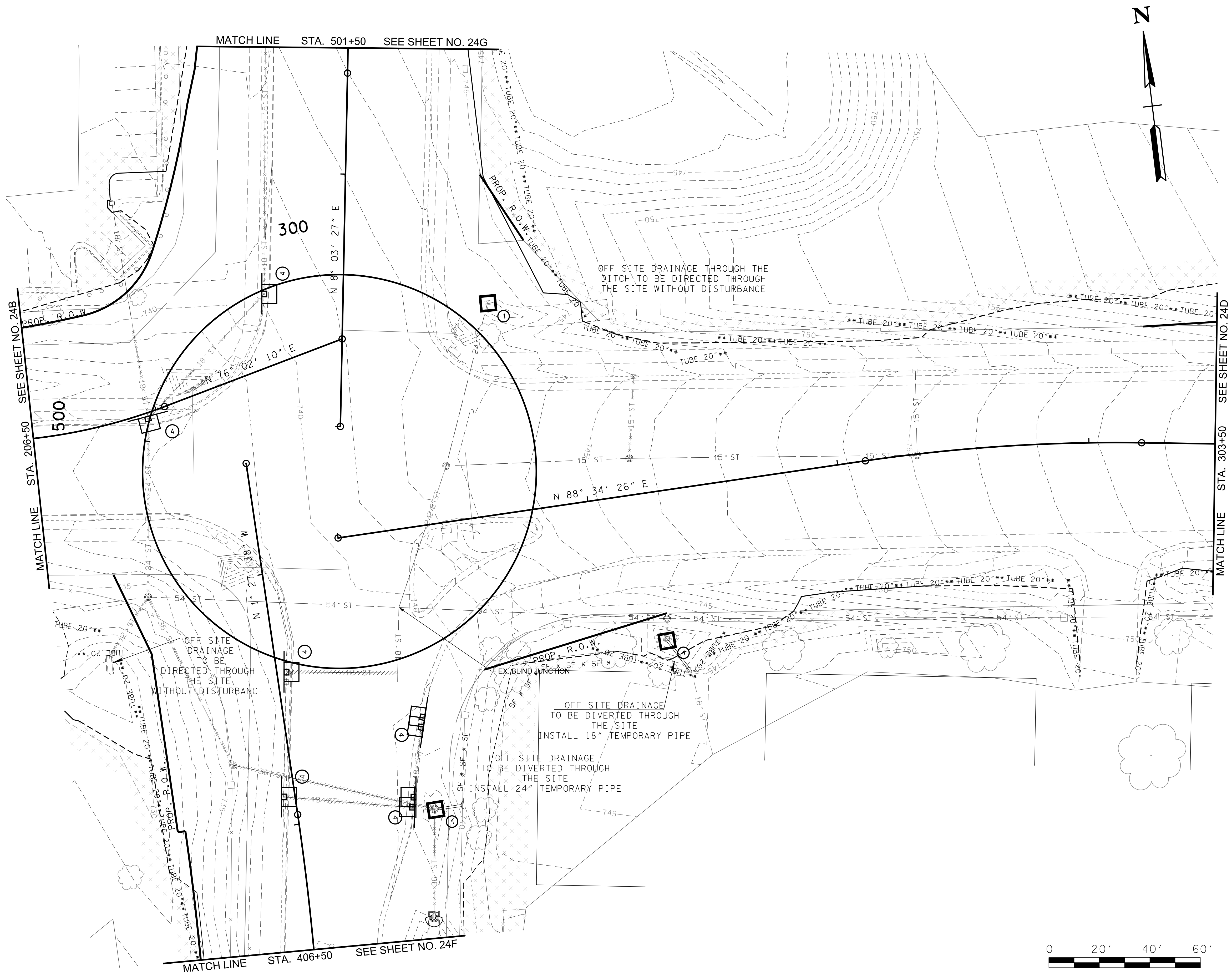
Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 26B



REVISIONS		DESCRIPTION	
NO	DATE	BY	

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

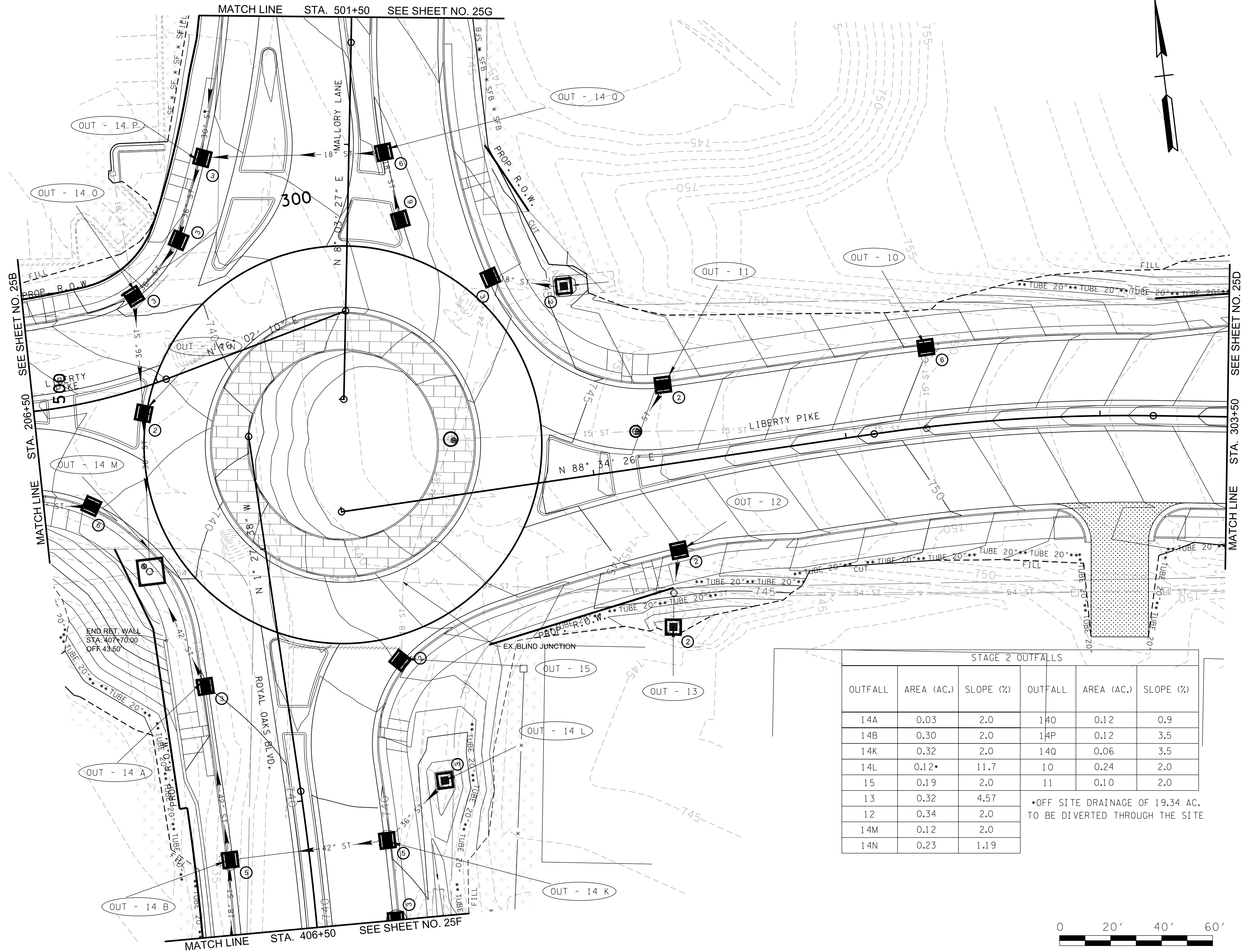
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 24C



STAGE 2 OUTFALLS					
OUTFALL	AREA (AC.)	SLOPE (%)	OUTFALL	AREA (AC.)	SLOPE (%)
14A	0.03	2.0	14O	0.12	0.9
14B	0.30	2.0	14P	0.12	3.5
14K	0.32	2.0	14Q	0.06	3.5
14L	0.12*	11.7	10	0.24	2.0
15	0.19	2.0	11	0.10	2.0
13	0.32	4.57	*OFF SITE DRAINAGE OF 19.34 AC. TO BE DIVERTED THROUGH THE SITE		
12	0.34	2.0			
14M	0.12	2.0			
14N	0.23	1.19			



REVISIONS		DESCRIPTION	
NO	DATE	BY	

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 2

MALLERY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

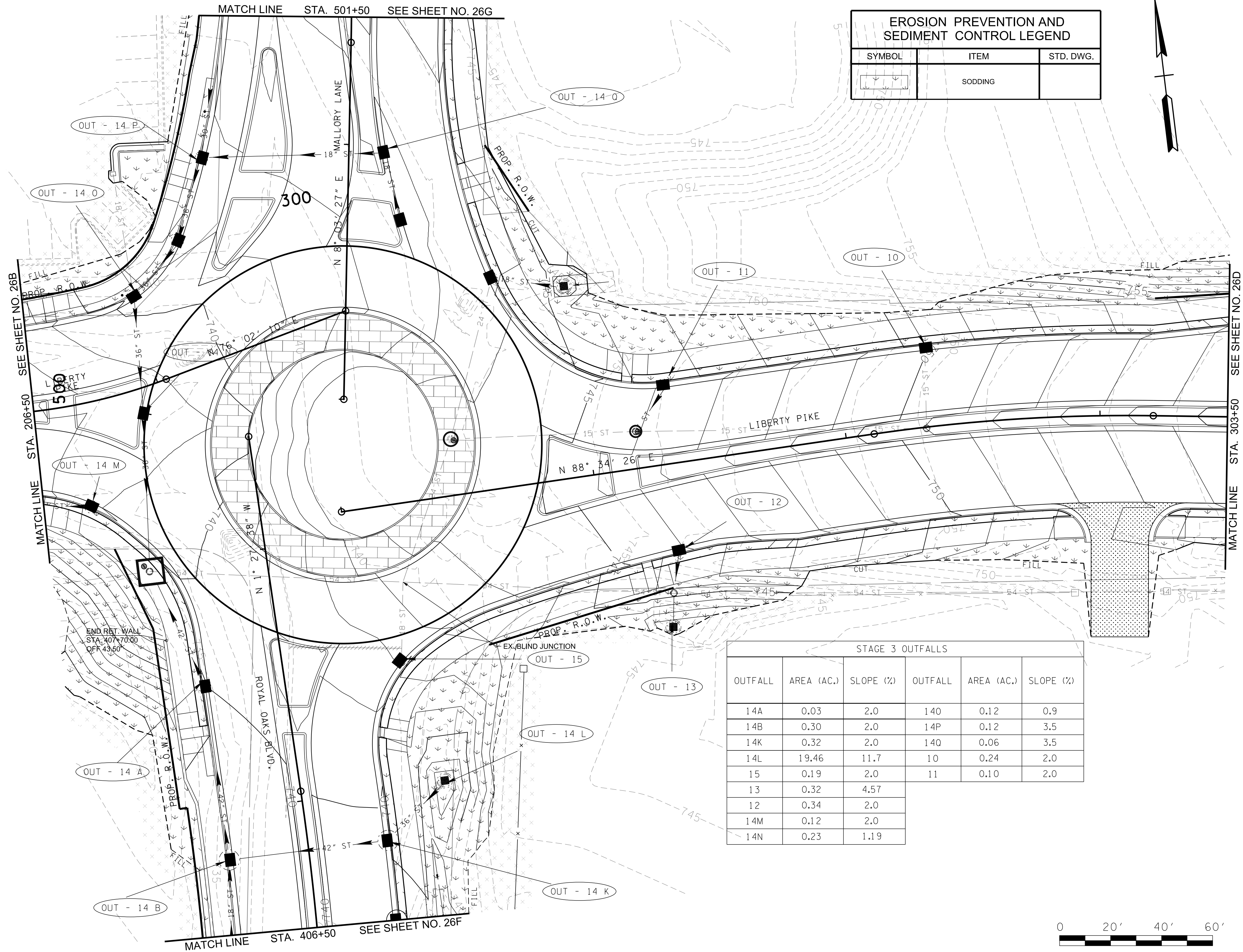
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 25C



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	

STAGE 3 OUTFALLS					
OUTFALL	AREA (AC.)	SLOPE (%)	OUTFALL	AREA (AC.)	SLOPE (%)
14A	0.03	2.0	14O	0.12	0.9
14B	0.30	2.0	14P	0.12	3.5
14K	0.32	2.0	14Q	0.06	3.5
14L	19.46	11.7	10	0.24	2.0
15	0.19	2.0	11	0.10	2.0
13	0.32	4.57			
12	0.34	2.0			
14M	0.12	2.0			
14N	0.23	1.19			



REVISIONS		DESCRIPTION	
NO.	DATE	BY	

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 3

MALLERY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

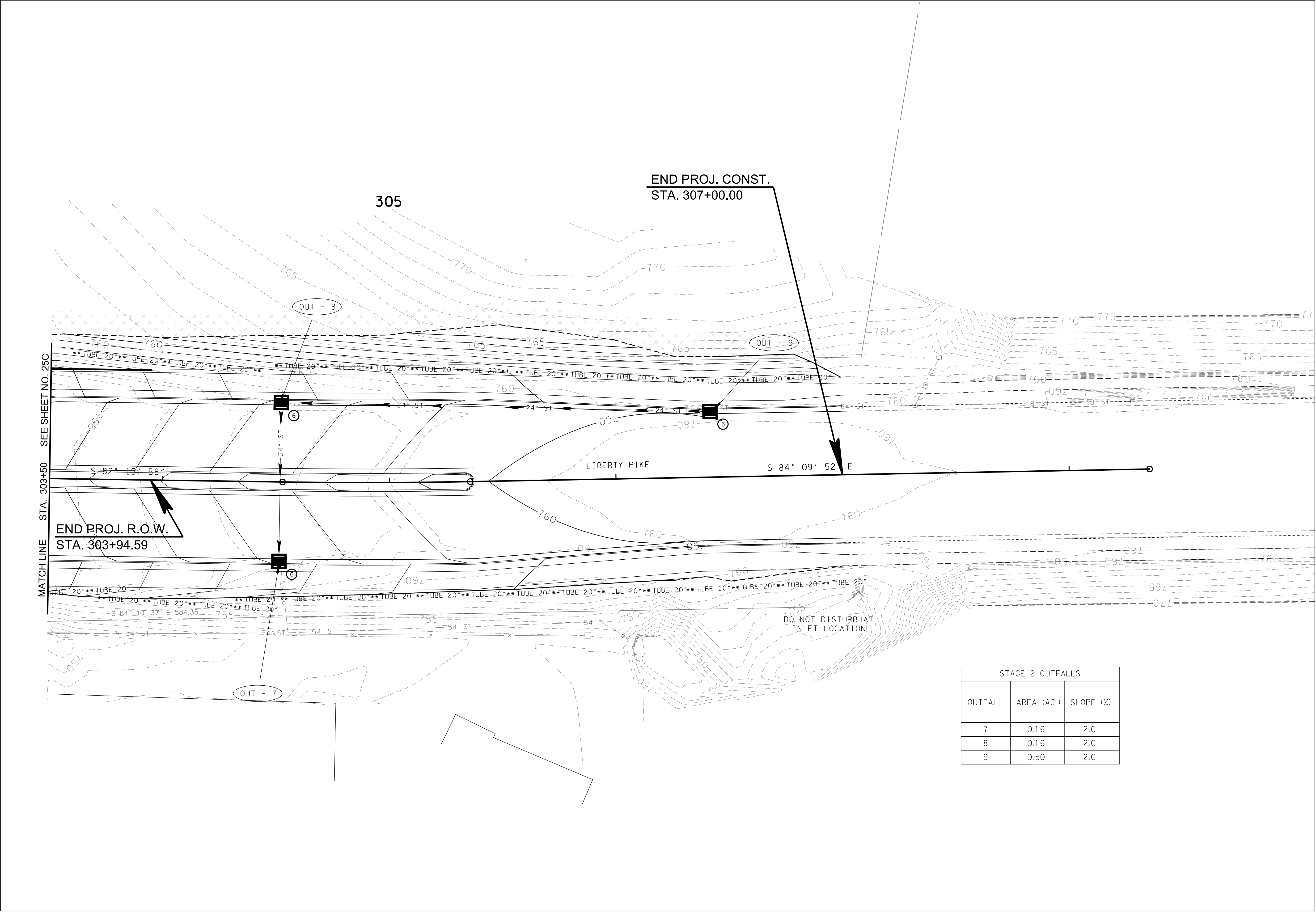
CHECKED BY: _____

YEAR: 2023

SHEET NO: 26C



YEAR: 2023
SHEET NO: 24D



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

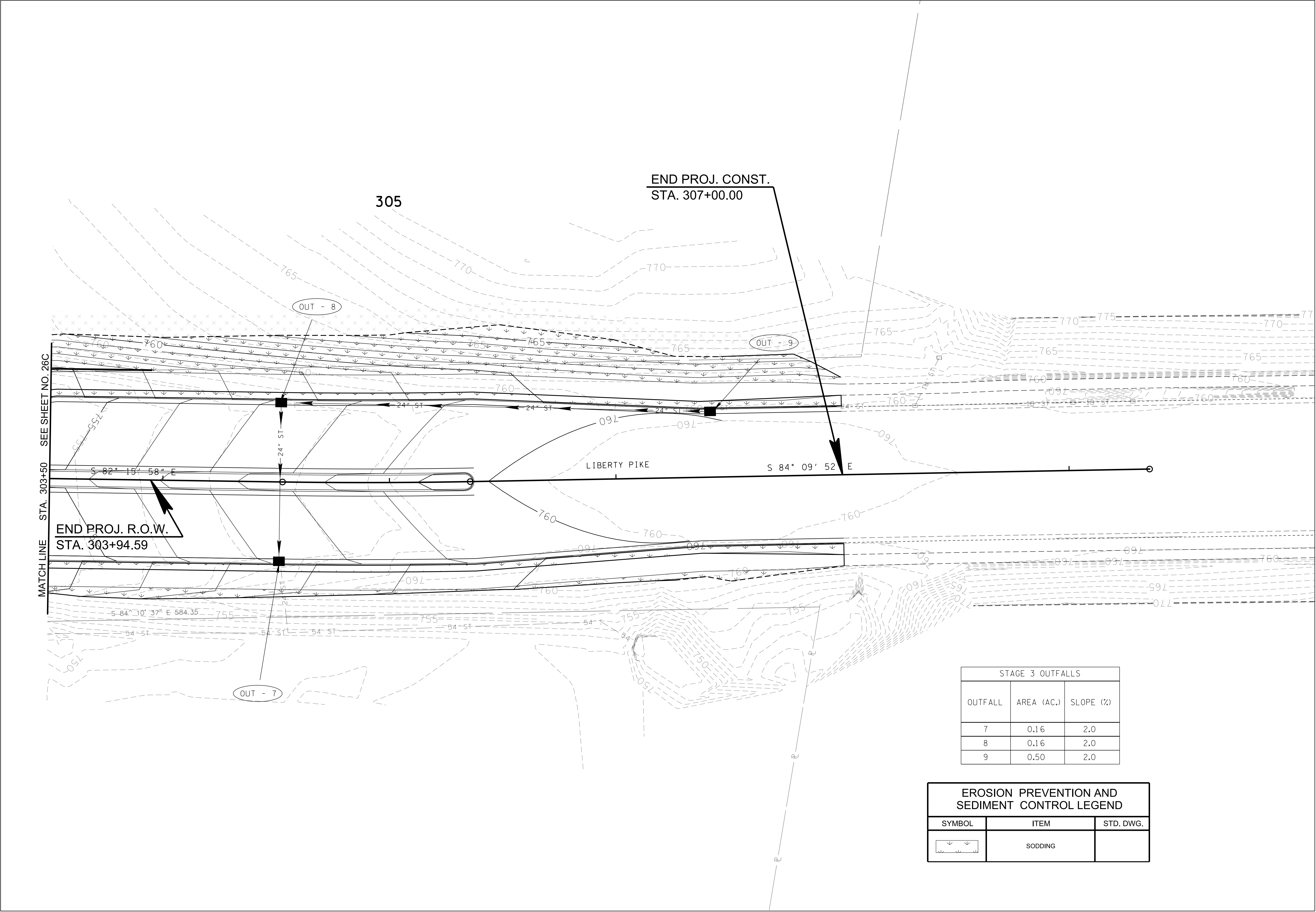
EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 25D



STAGE 3 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
7	0.16	2.0
8	0.16	2.0
9	0.50	2.0

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	

REVISIONS		DESCRIPTION
NO.	DATE	BY

Volkert

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

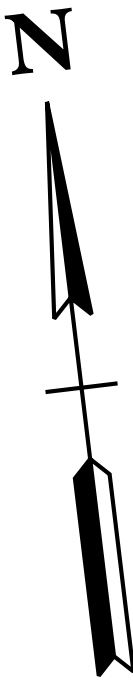
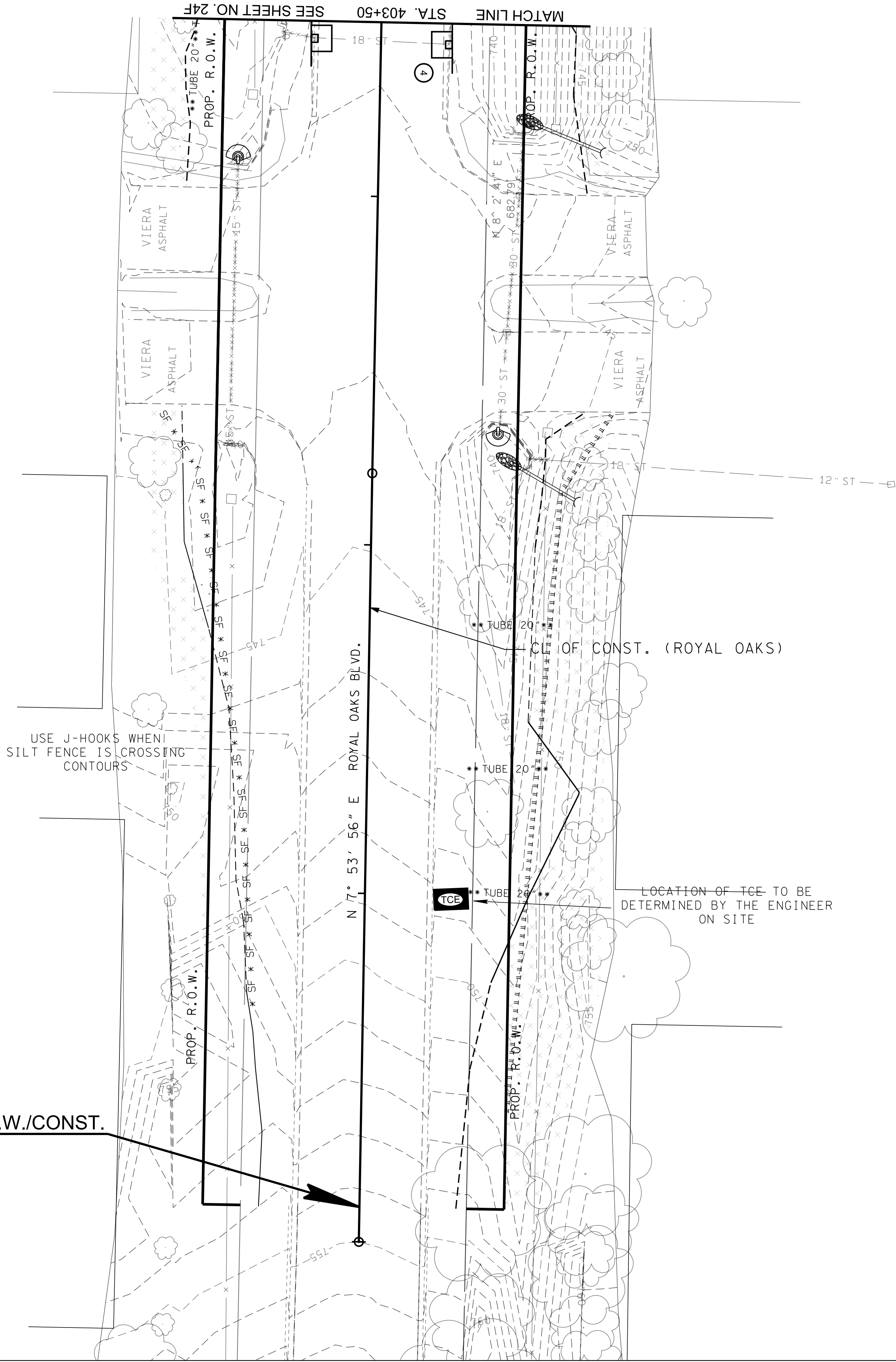
YEAR: 2023

SHEET NO: 26D

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400

USE J-HOOKS WHEN
SILT FENCE IS CROSSING
CONTOURS



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 24E

EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

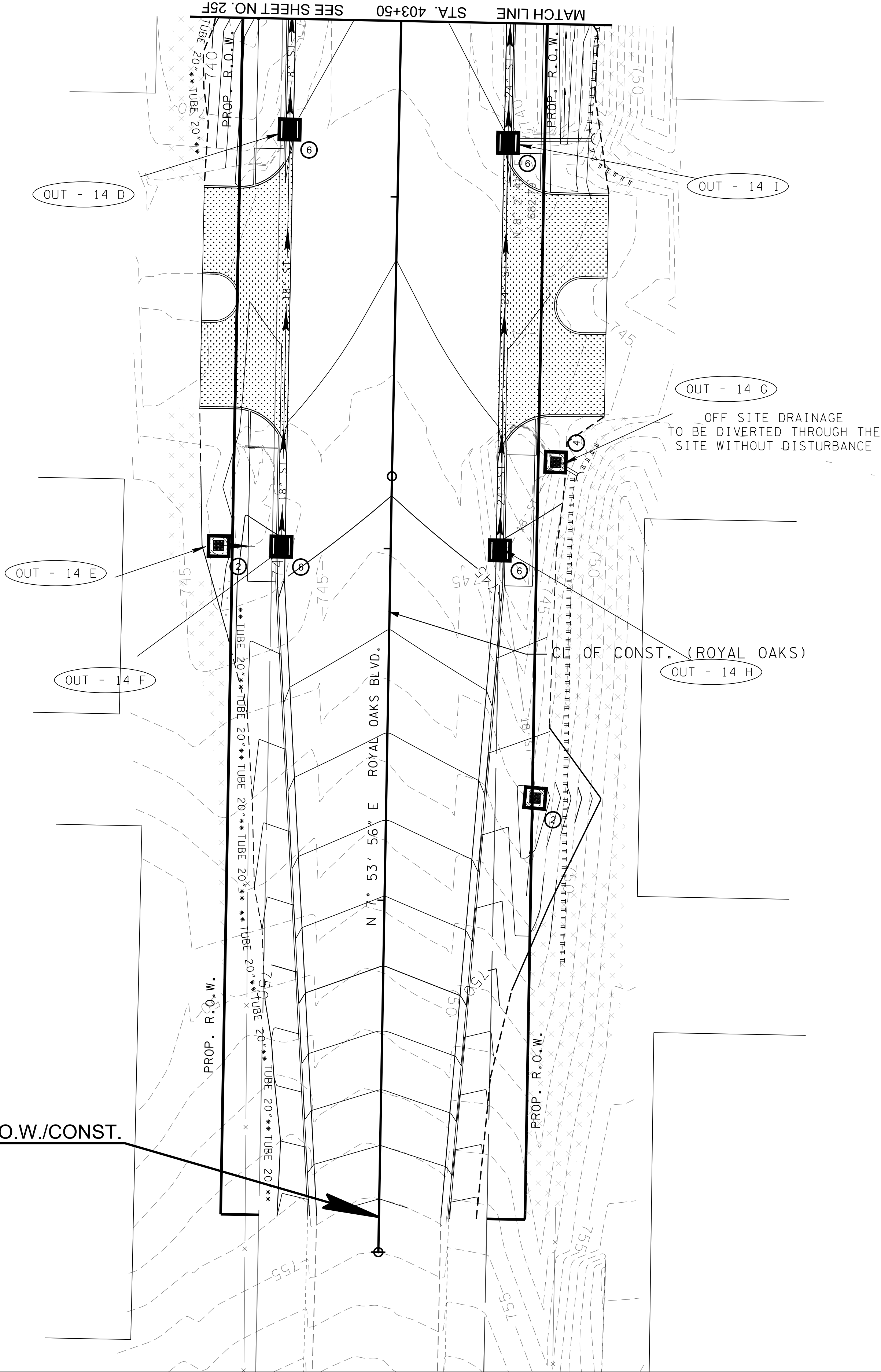
Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

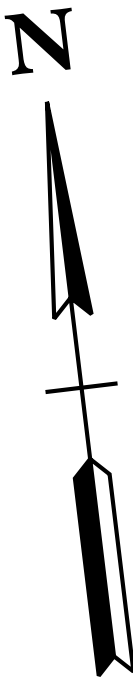
REVISIONS	
NO	DESCRIPTION

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



STAGE 2 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
14D	0.07	2.0
14I	0.07	2.0
14E	0.19	5.7
14F	0.16	2.0
14G	4.17	10.3
14H	0.18	2.0



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 25E

EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS		DESCRIPTION
NO	DATE	BY

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400

OUT - 14 E

OUT - 14 F

OUT - 14 D

OUT - 14 I

OUT - 14 G

OUT - 14 H

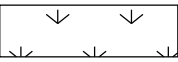
PROP. R.O.W.

PROP. R.O.W.

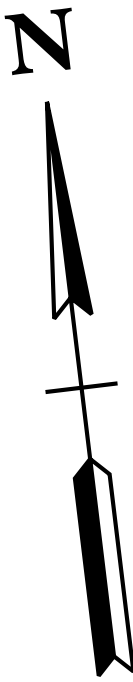
N 7° 53' 56" E ROYAL OAKS BLVD.

MATCH LINE STA. 403+50 SEE SHEET NO. 26F

EROSION PREVENTION AND
SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	SODDING	

STAGE 3 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
14D	0.07	2.0
14I	0.07	2.0
14E	0.19	5.7
14F	0.16	2.0
14G	4.17	10.3
14H	0.18	2.0



EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

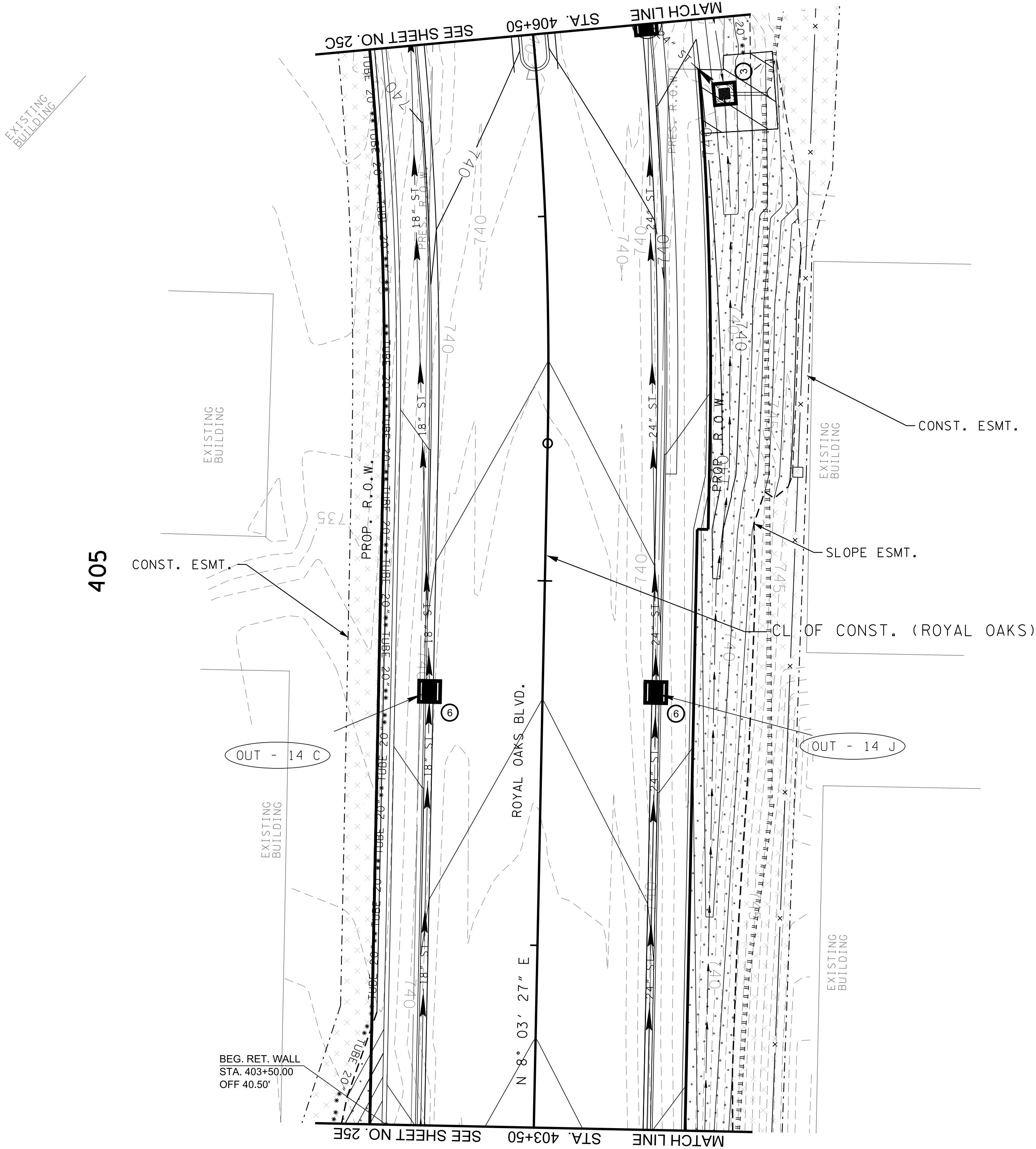
YEAR: 2023

SHEET NO: 26E

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



STAGE 2 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
14J	0.17	2.0
14C	0.13	2.0

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 25F

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 2

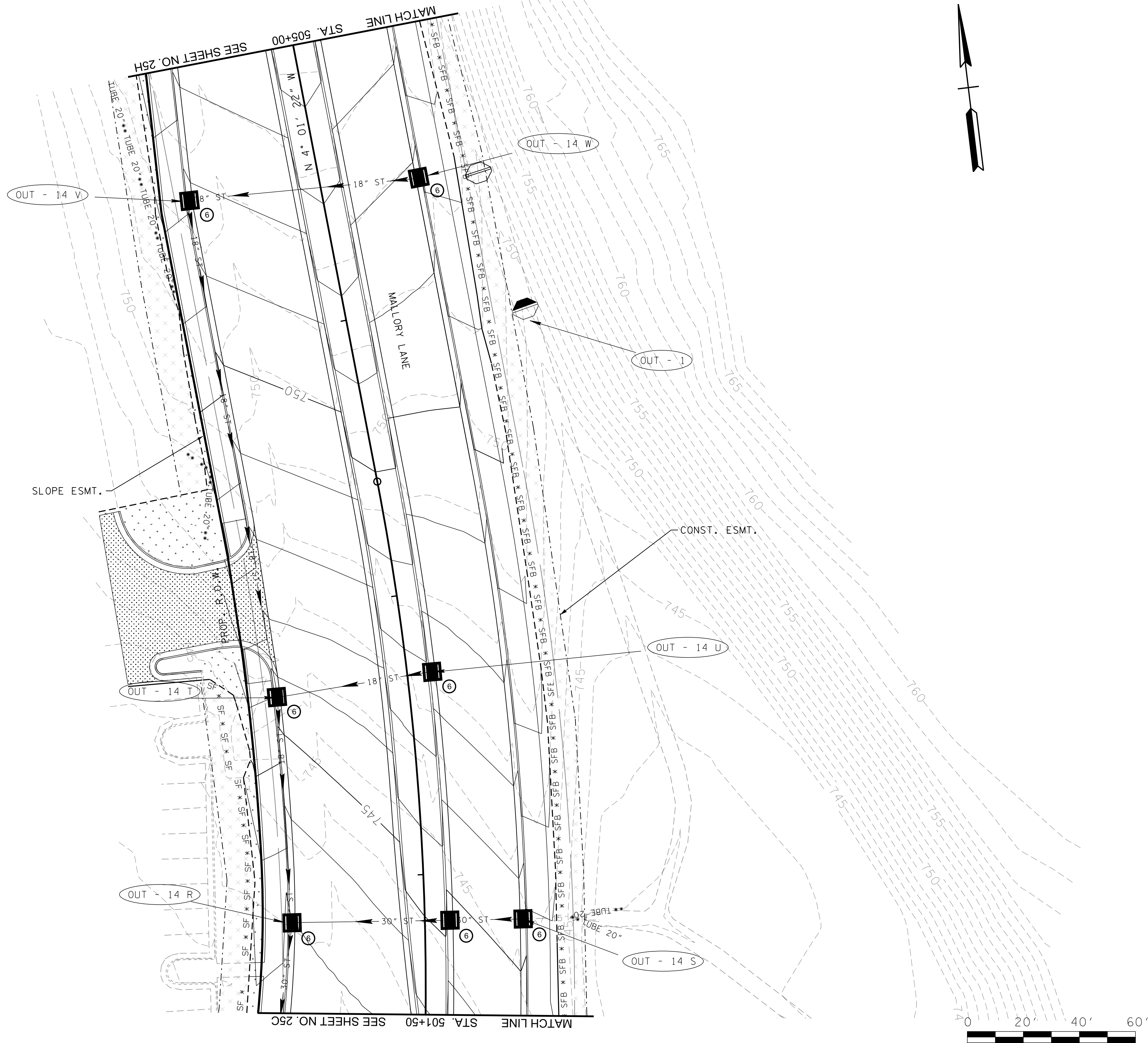
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS		DESCRIPTION	
NO	DATE	BY	

STAGE 2 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
14V	0.50	2.0
14W	0.50	2.0
1	4.68	8.04
14T	0.24	3.5
14R	0.1	3.5
14S	0.03	2.0
14U	0.21	3.5

[illegible]

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EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

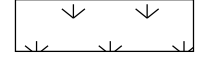
DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

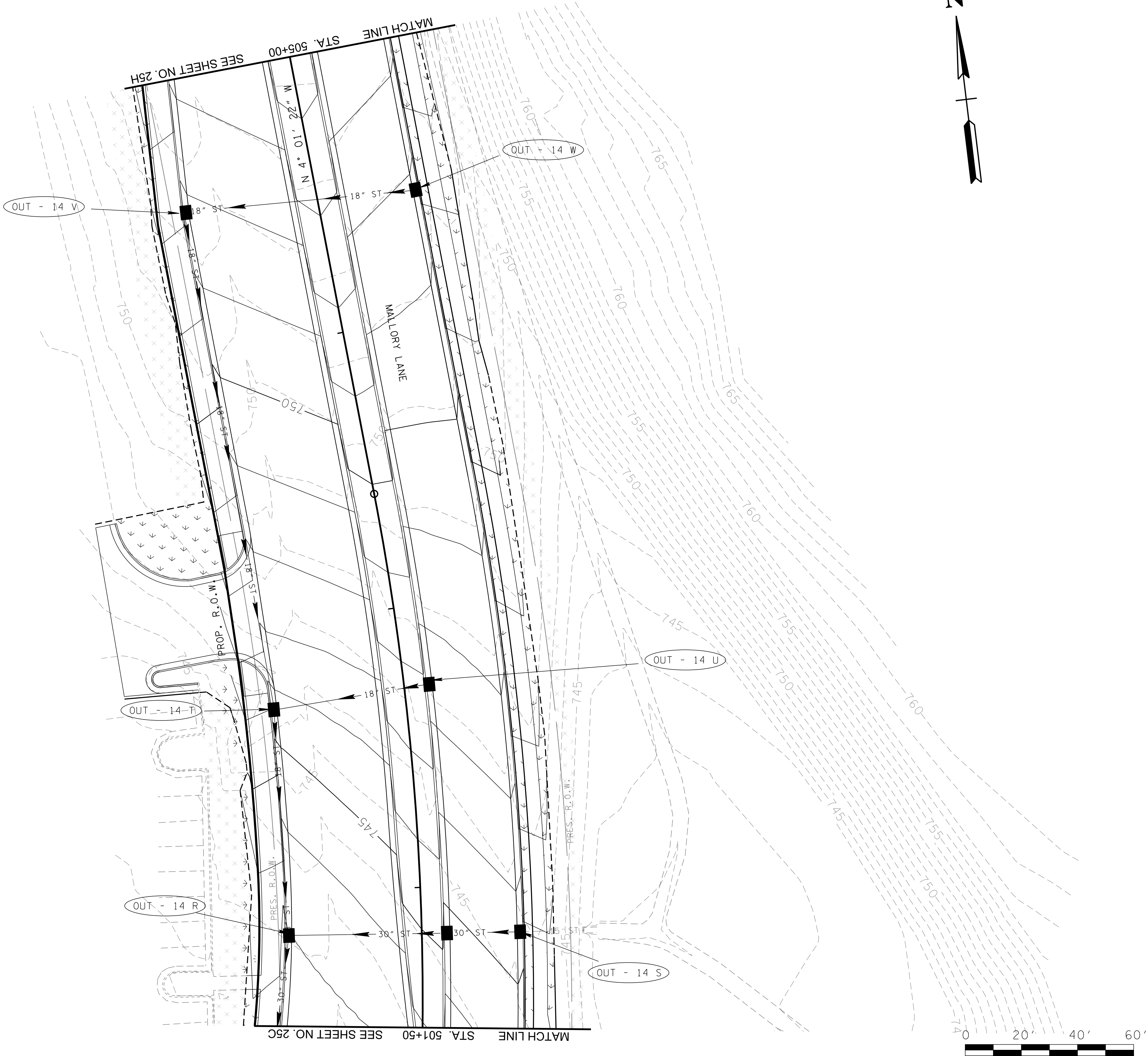
CHECKED BY: _____

YEAR: 2023
SHEET NO:25G

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	

STAGE 3 OUTFALLS		
OUTFALL	AREA (AC.)	SLOPE (%)
14V	0.50	2.0
14W	0.50	2.0
14T	0.24	3.5
14R	0.1	3.5
14S	0.03	2.0
14U	0.21	3.5

505



EROSION PREVENTION & SEDIMENT
CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

REVISIONS

NO	DATE	BY	DESCRIPTION

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

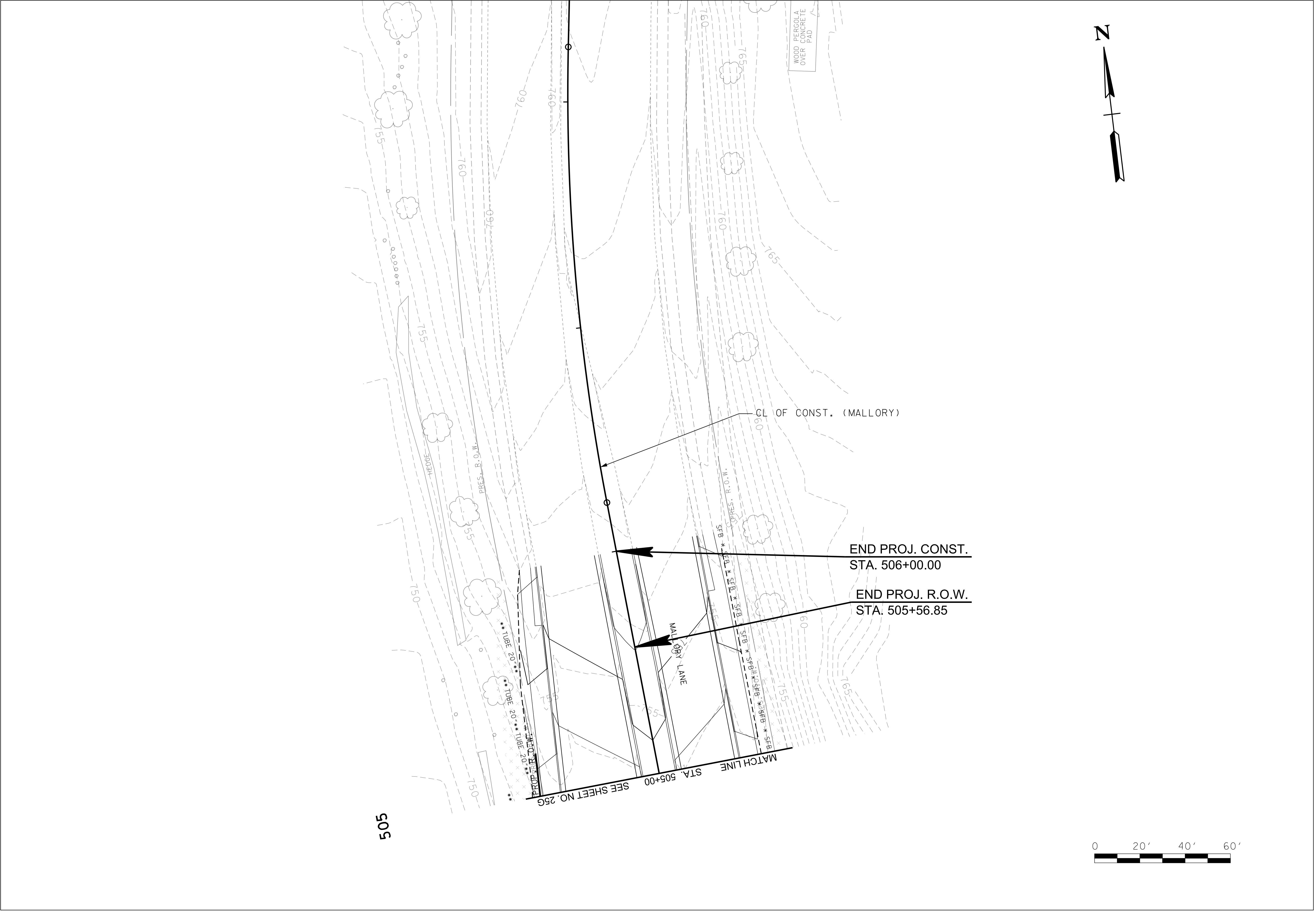
YEAR: 2023

SHEET NO:25G

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 294 of 554



EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

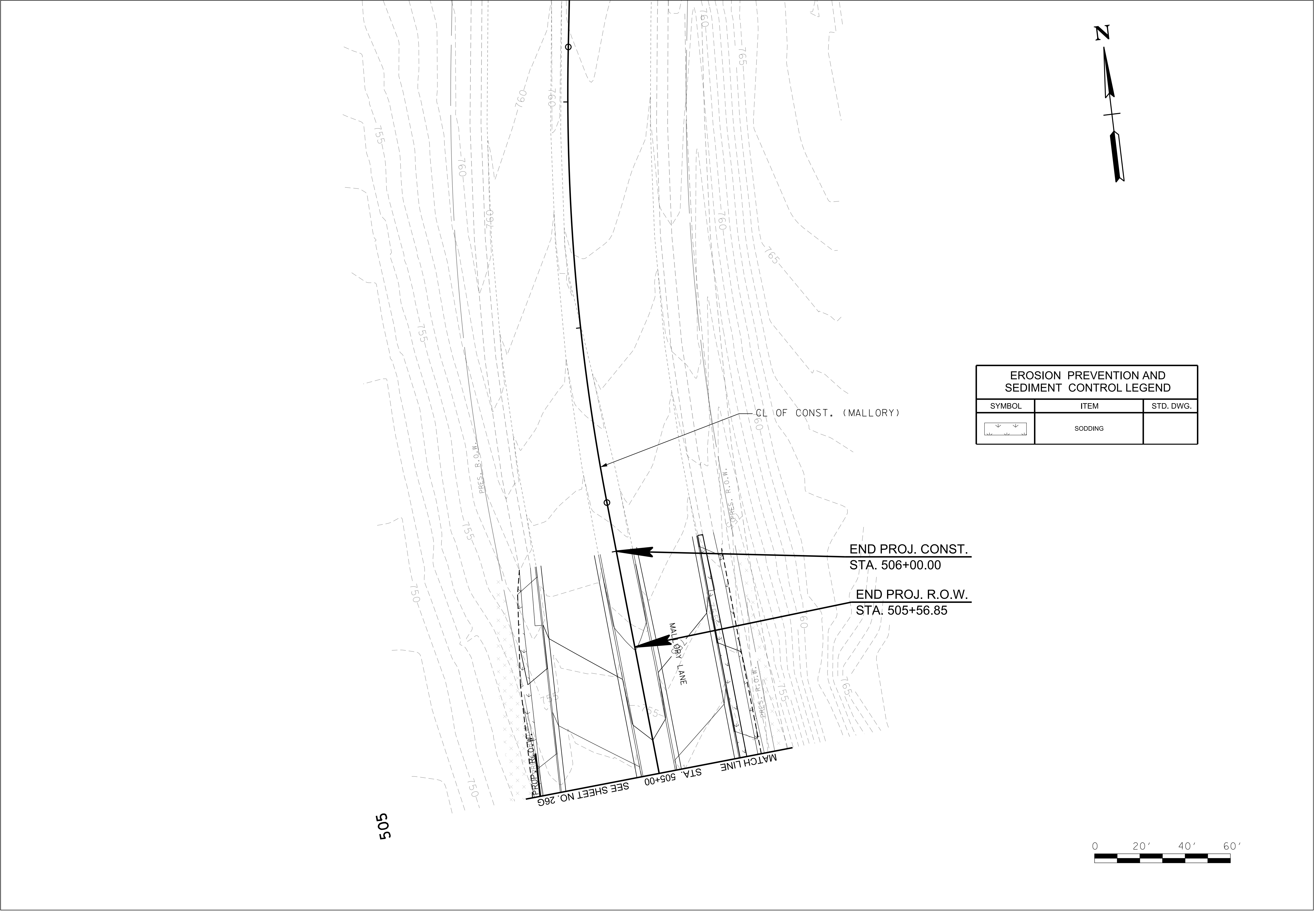
SHEET NO: 25H

REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SODDING	

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

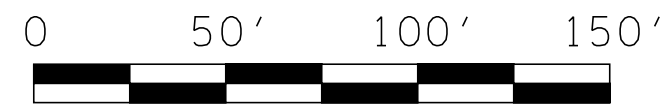
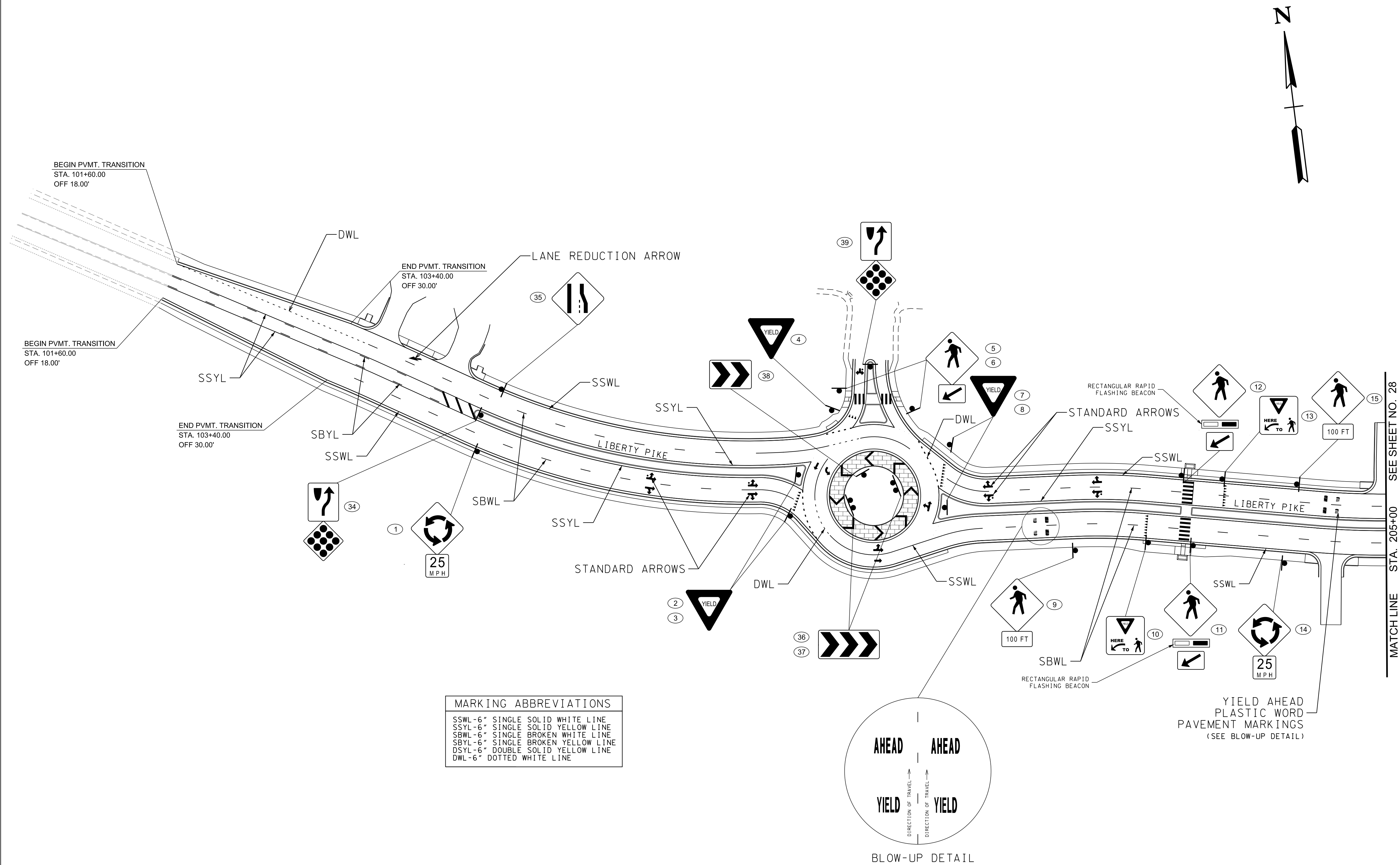
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SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:26H

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VOLKERT

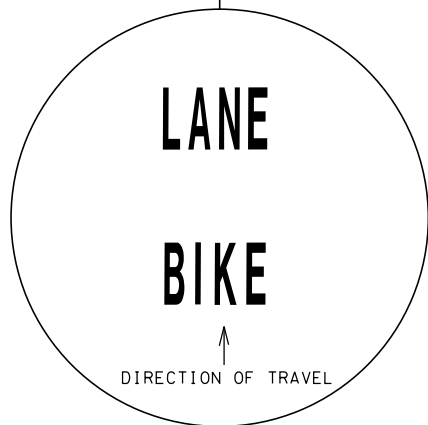
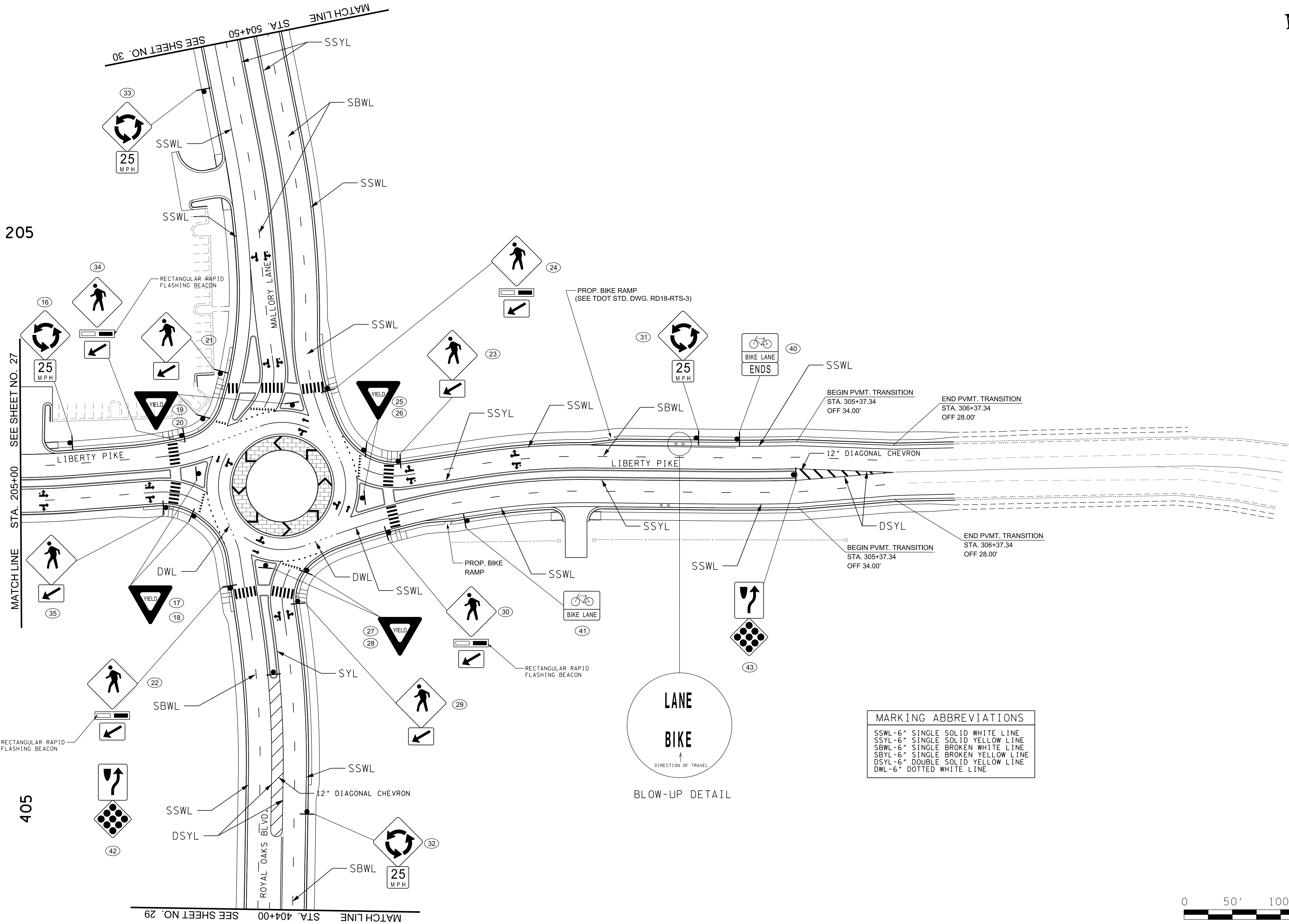
SIGNING AND PAVEMENT
MARKING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

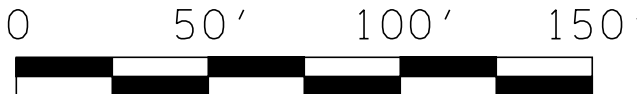
SHEET NO:27



BLOW-UP DETAIL

MARKING ABBREVIATIONS

- SSWL-6" SINGLE SOLID WHITE LINE
- SSYL-6" SINGLE SOLID YELLOW LINE
- SBWL-6" SINGLE BROKEN WHITE LINE
- SBYL-6" SINGLE BROKEN YELLOW LINE
- DSYL-6" DOUBLE SOLID YELLOW LINE
- DWL-6" DOTTED WHITE LINE



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

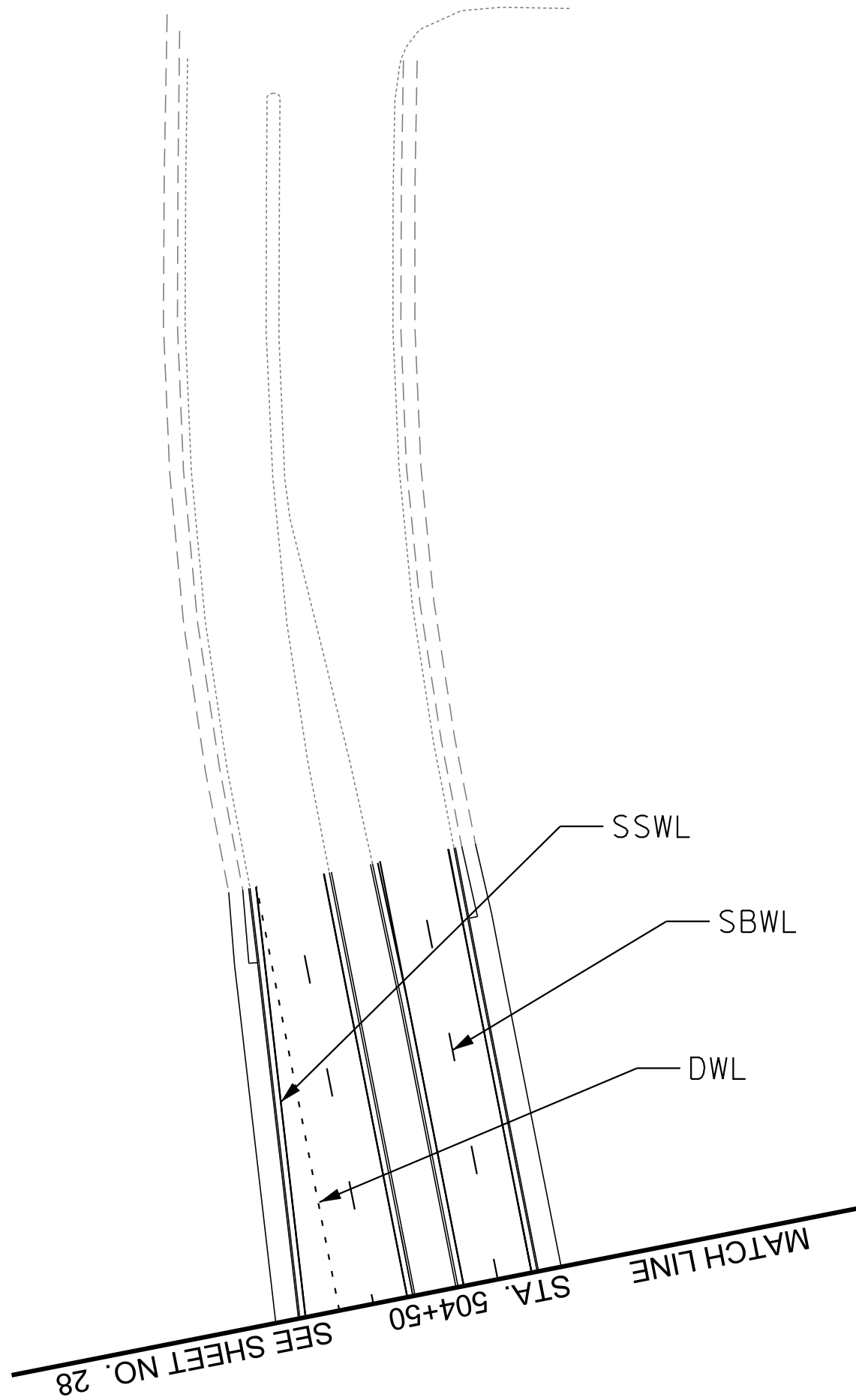
SIGNING AND PAVEMENT MARKING PLANS

MALLERY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

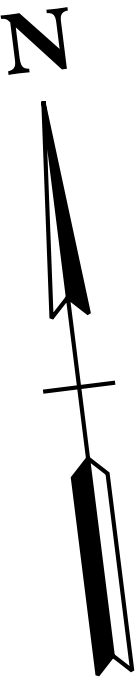
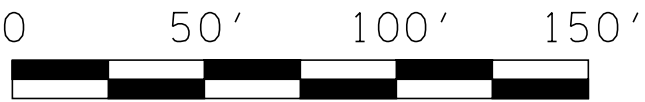
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 28



MARKING ABBREVIATIONS	
SSWL-6"	SINGLE SOLID WHITE LINE
SSYL-6"	SINGLE SOLID YELLOW LINE
SBWL-6"	SINGLE BROKEN WHITE LINE
SBYL-6"	SINGLE BROKEN YELLOW LINE
DSYL-6"	DOUBLE SOLID YELLOW LINE
DWL-6"	DOTTED WHITE LINE



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 30

SIGNING AND PAVEMENT
MARKING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

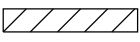
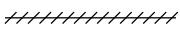
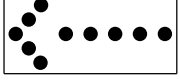
Volkert

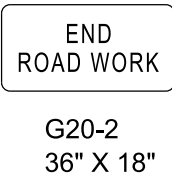
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DATE BY DESCRIPTION

PHASE 1

MILL EXISTING PAVEMENT APPROXIMATELY 1.5" AND REMOVE EXISTING CONCRETE ISLANDS ON MALLORY LANE AND LIBERTY PIKE WITHIN THE PROJECT LIMITS.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	REMOVE PAVEMENT STRIPING
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	WARNING LIGHT (TYPE C) (LOW-INTENSITY FLASHING)



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN
PHASING AND QUANTITIES

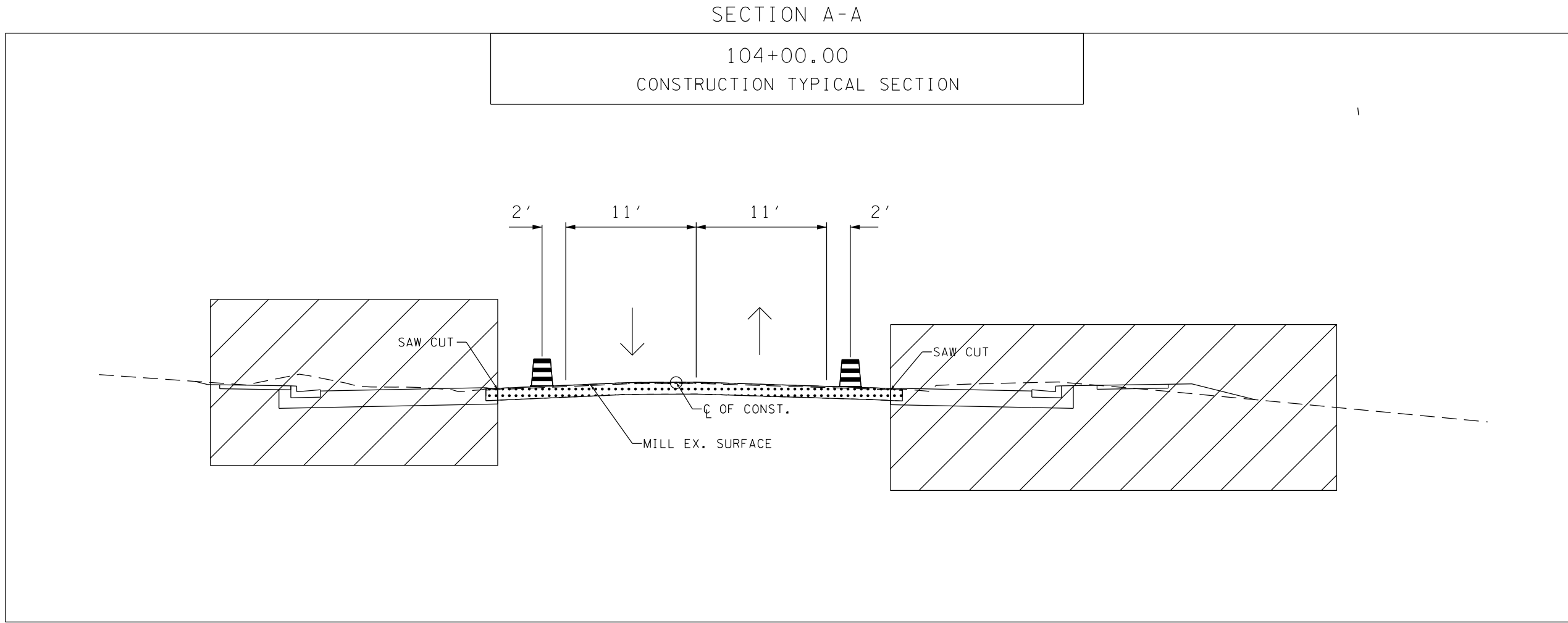
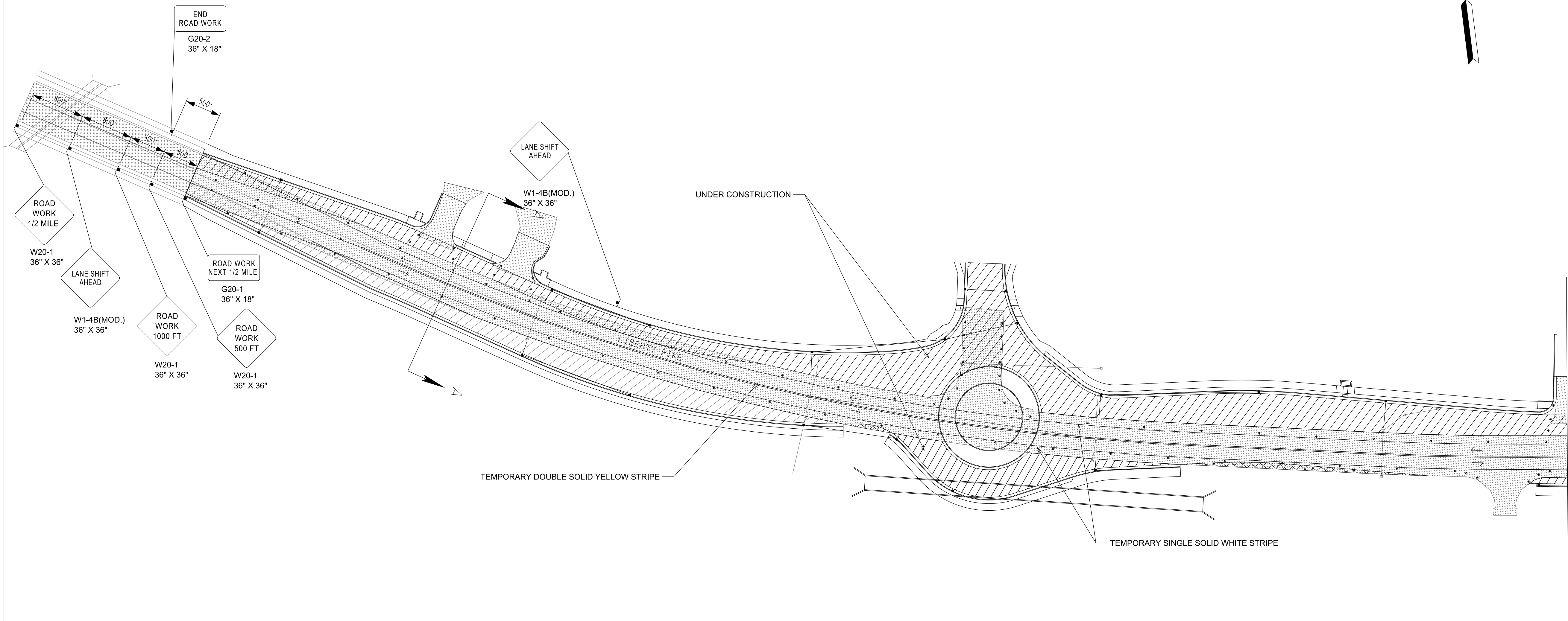
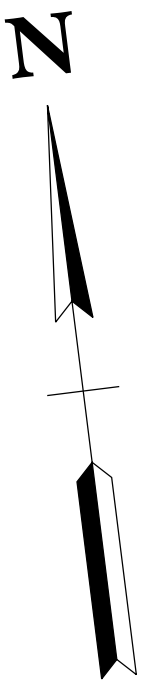
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 32

PHASE 2



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL

NOT TO SCALE

REVISIONS	
NO	DATE
BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

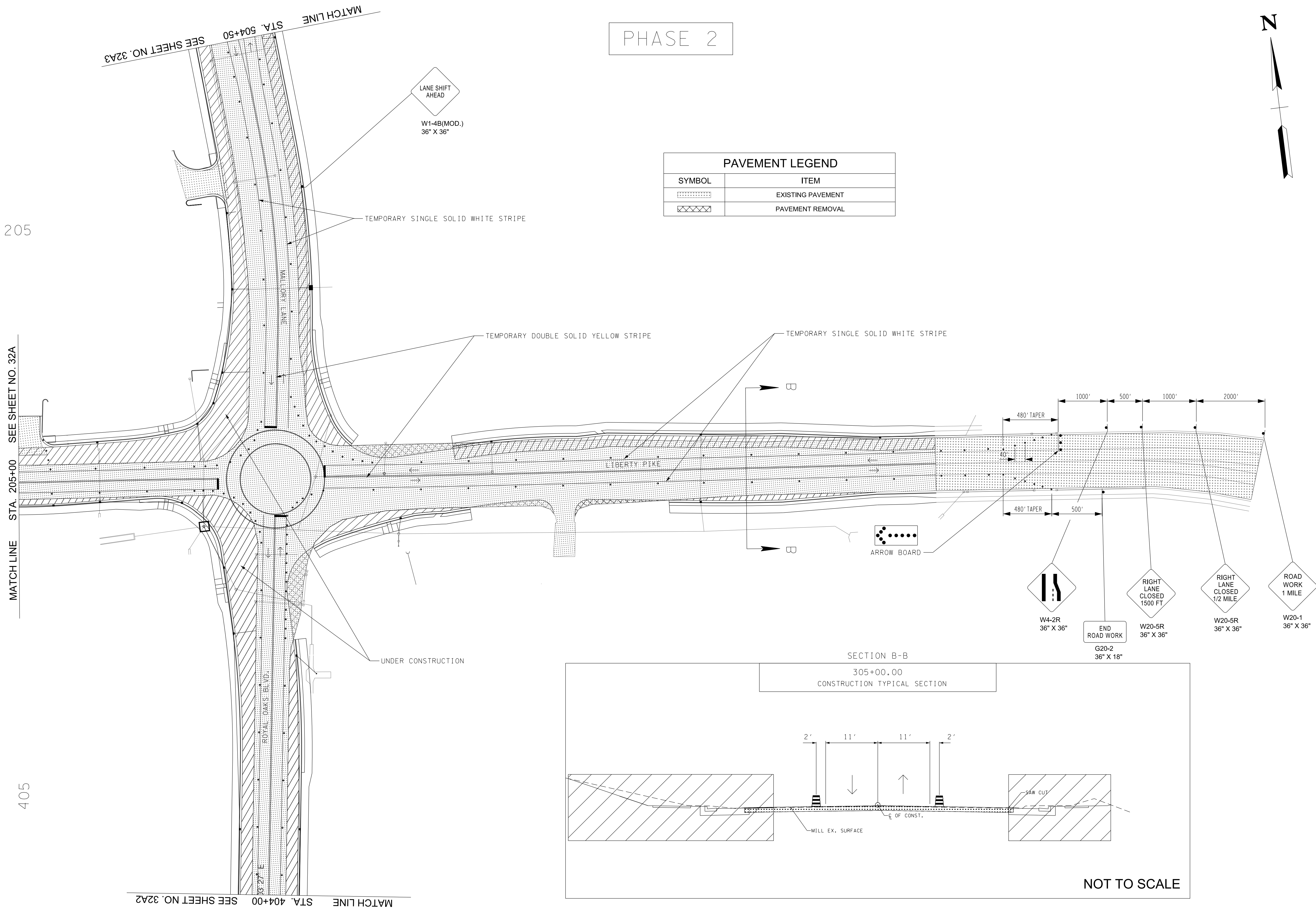
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 32A



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 2

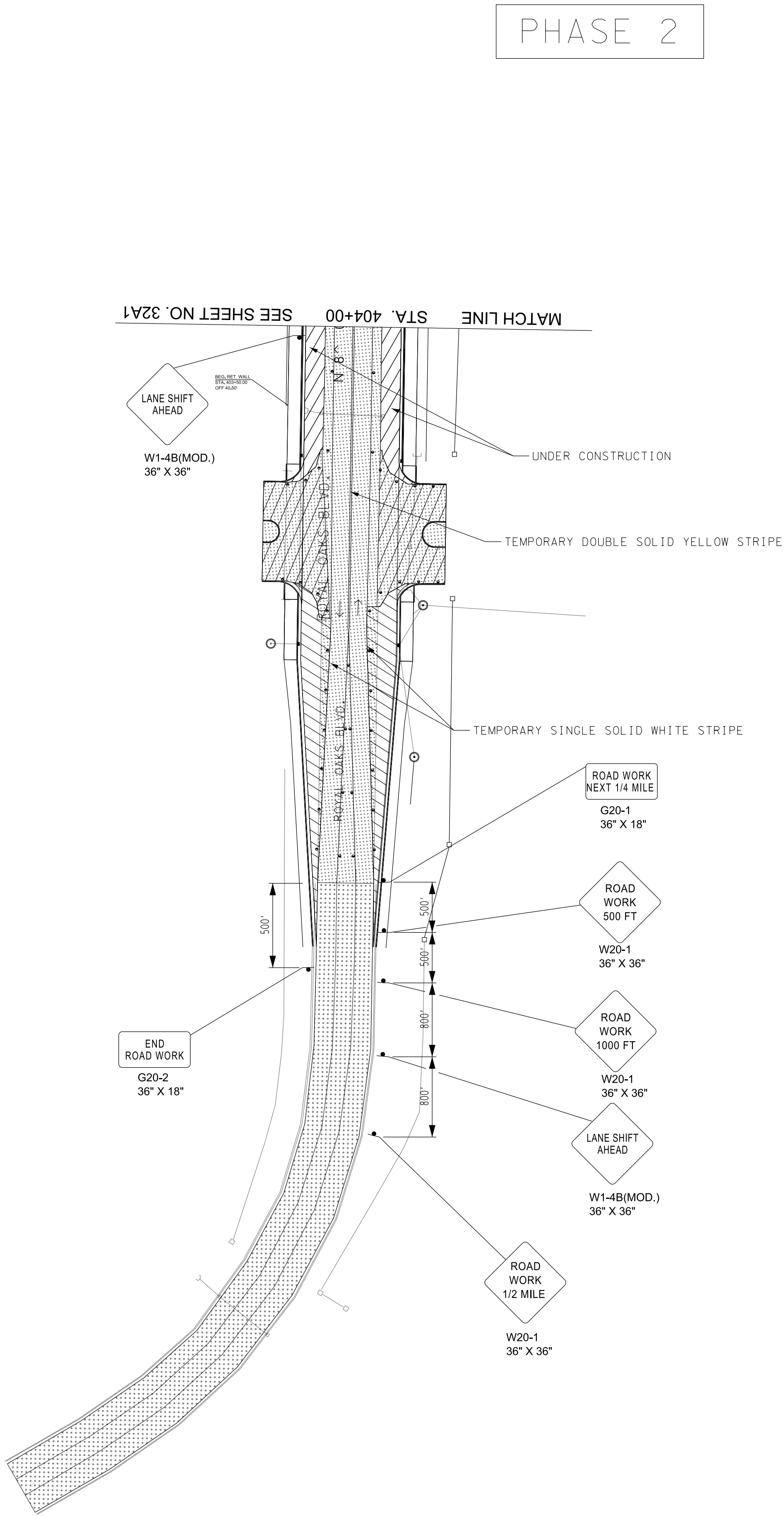
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

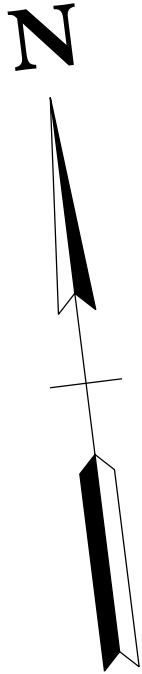
YEAR: 2023

SHEET NO: 32A1

Page 304 of 554



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL



NOT TO SCALE

TRAFFIC CONTROL PLAN PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 32A2

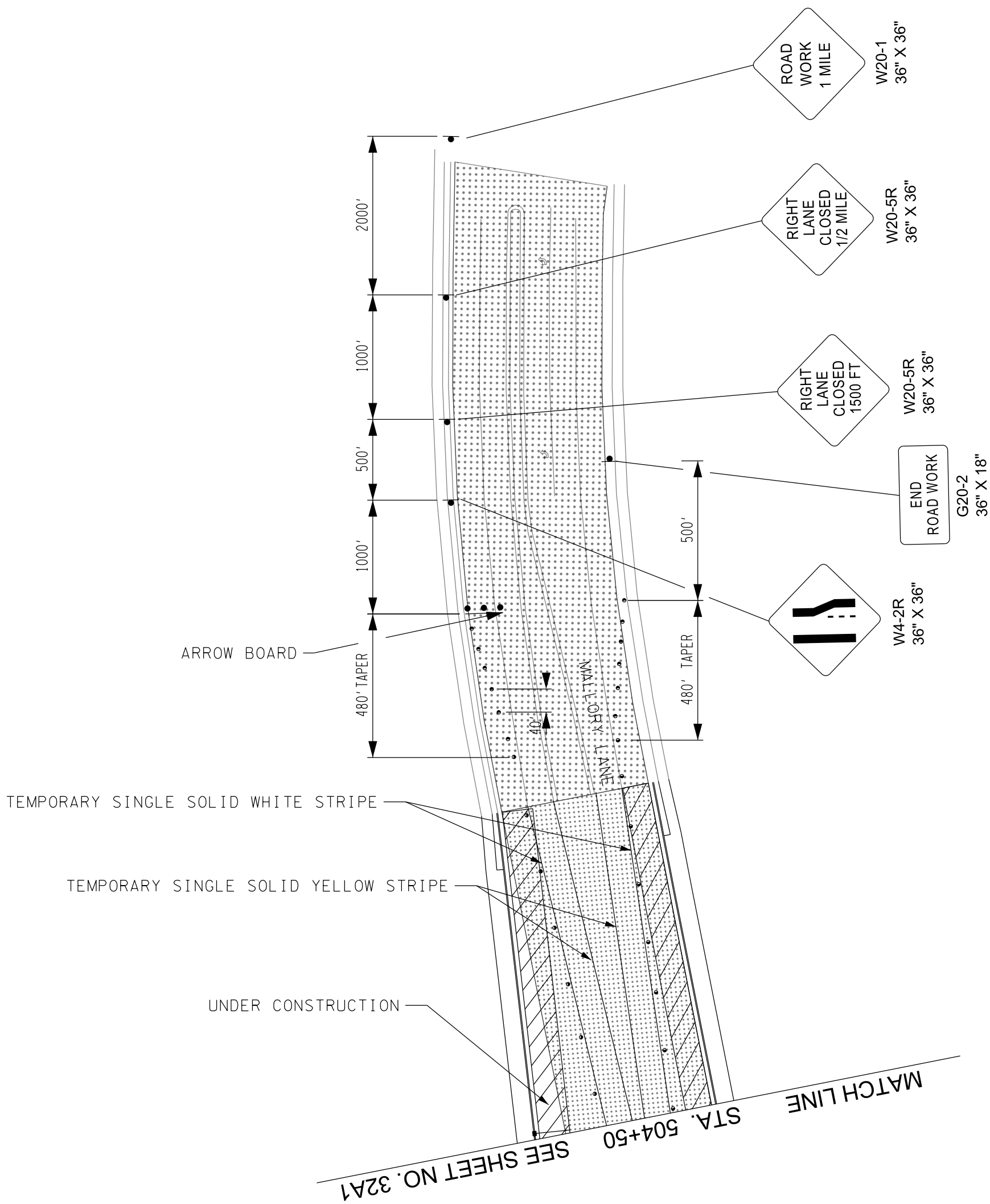
REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

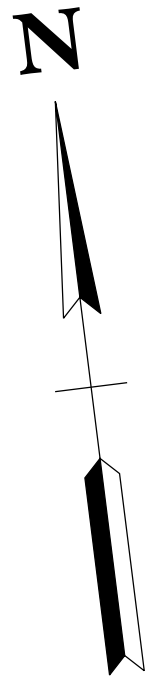
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

Page 305 of 554



PHASE 2

PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL



NOT TO SCALE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 32A3

TRAFFIC CONTROL PLAN PHASE 2

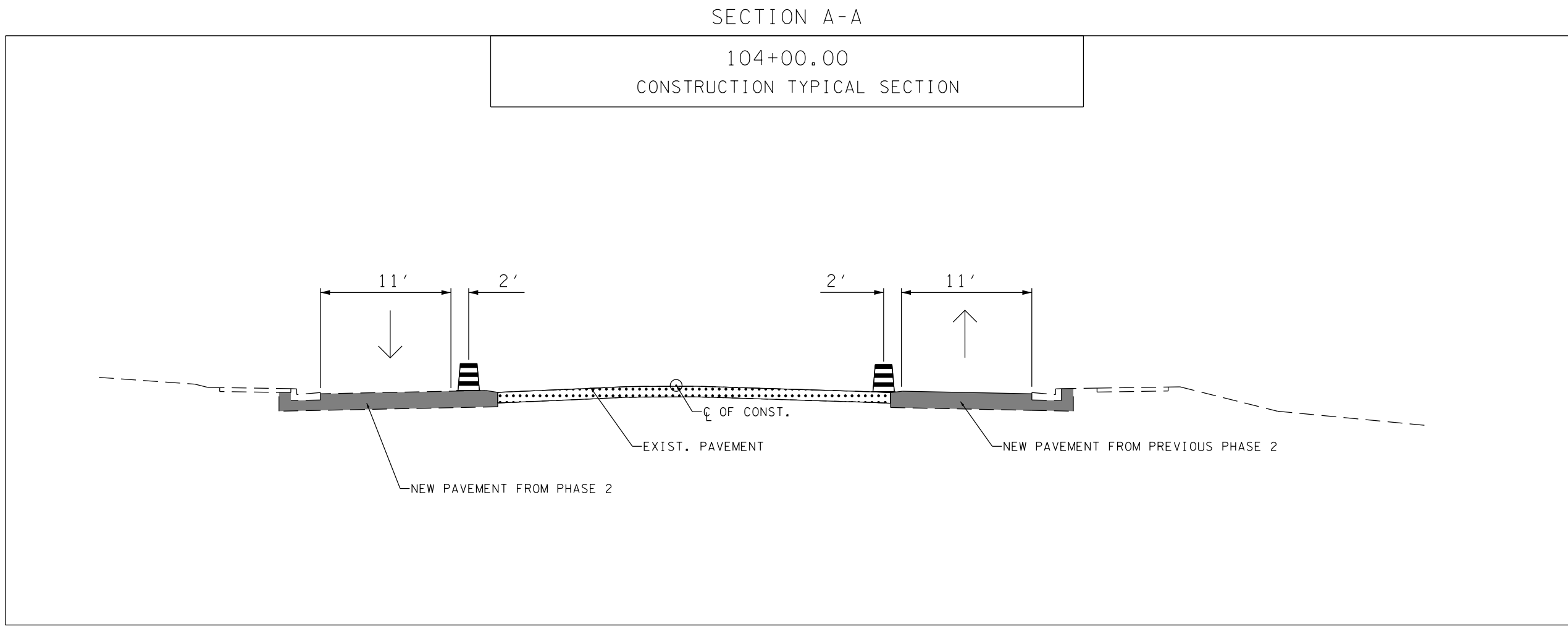
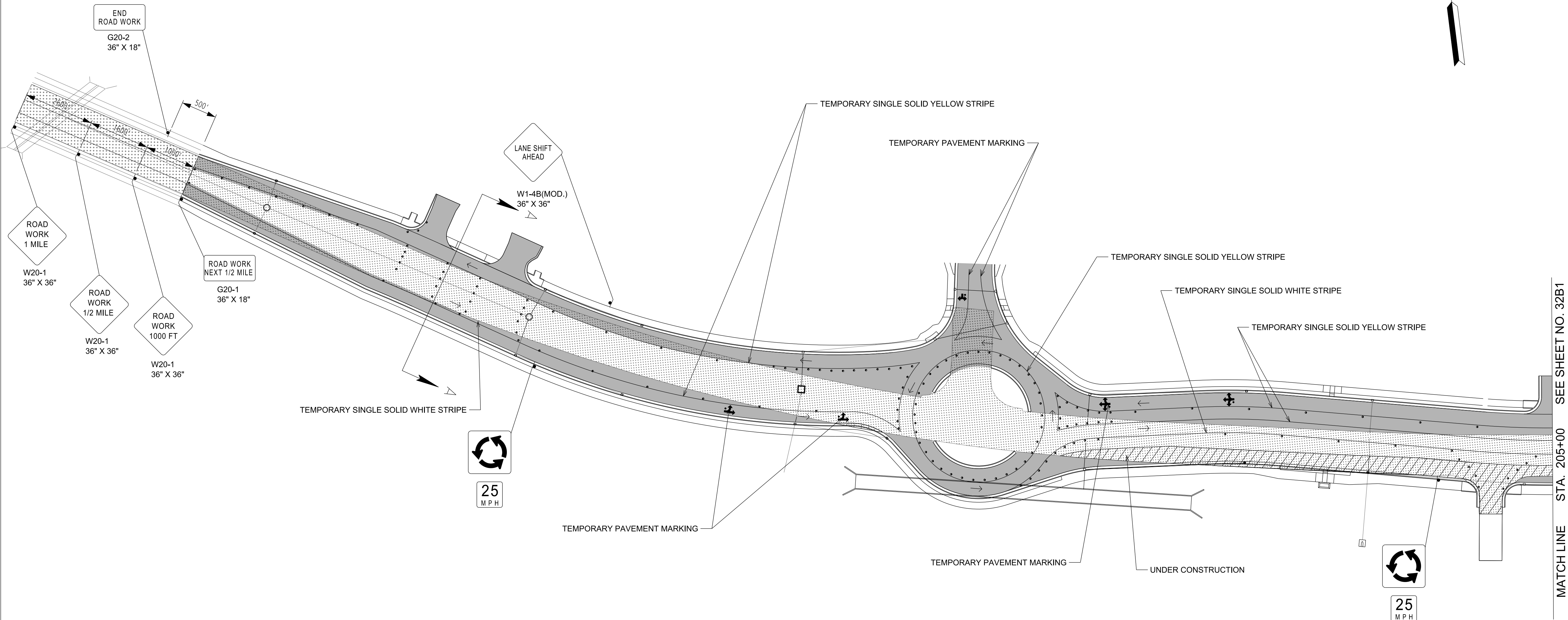
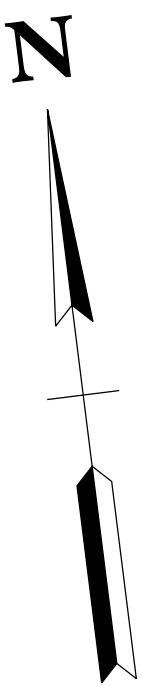
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DATE
BY	DESCRIPTION

PHASE 3



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT FROM PREVIOUS PHASE(S)

NOT TO SCALE

REVISIONS	
NO	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

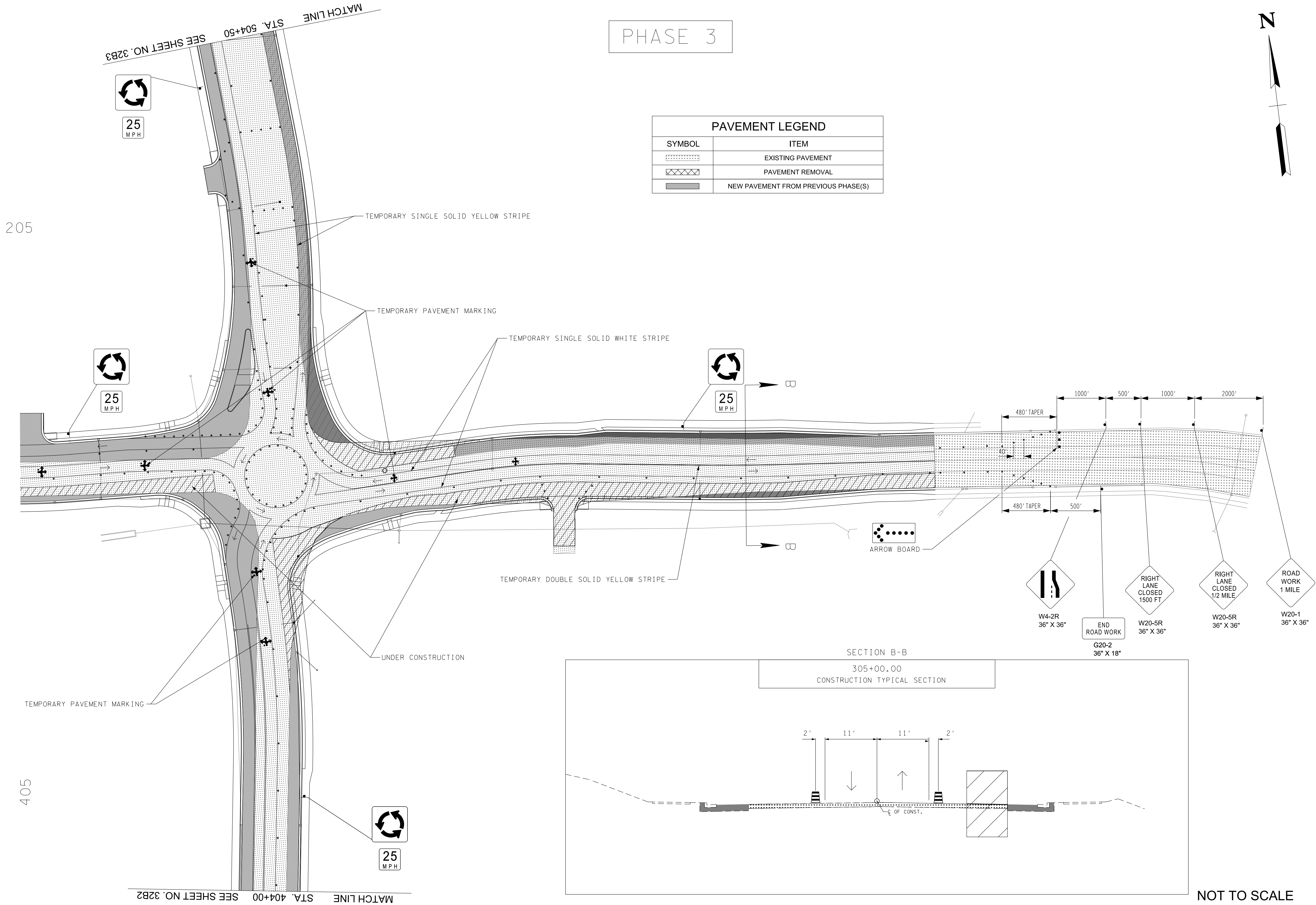
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 32B



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

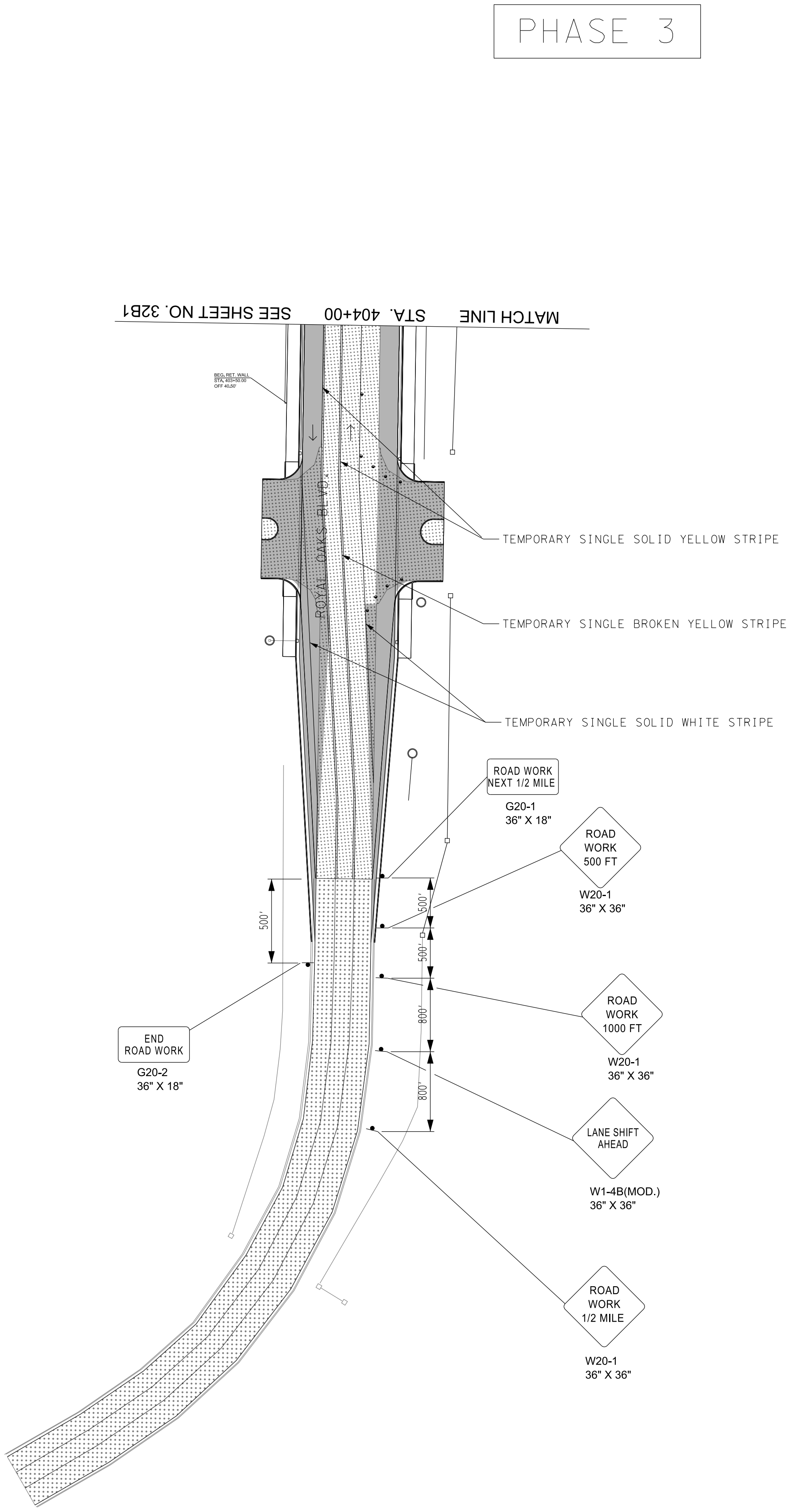
TRAFFIC CONTROL PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

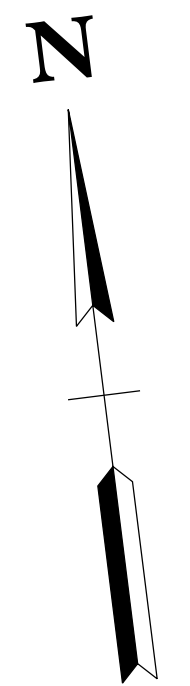
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DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 32B1



PHASE 3



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT

NOT TO SCALE

REVISIONS	
NO	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

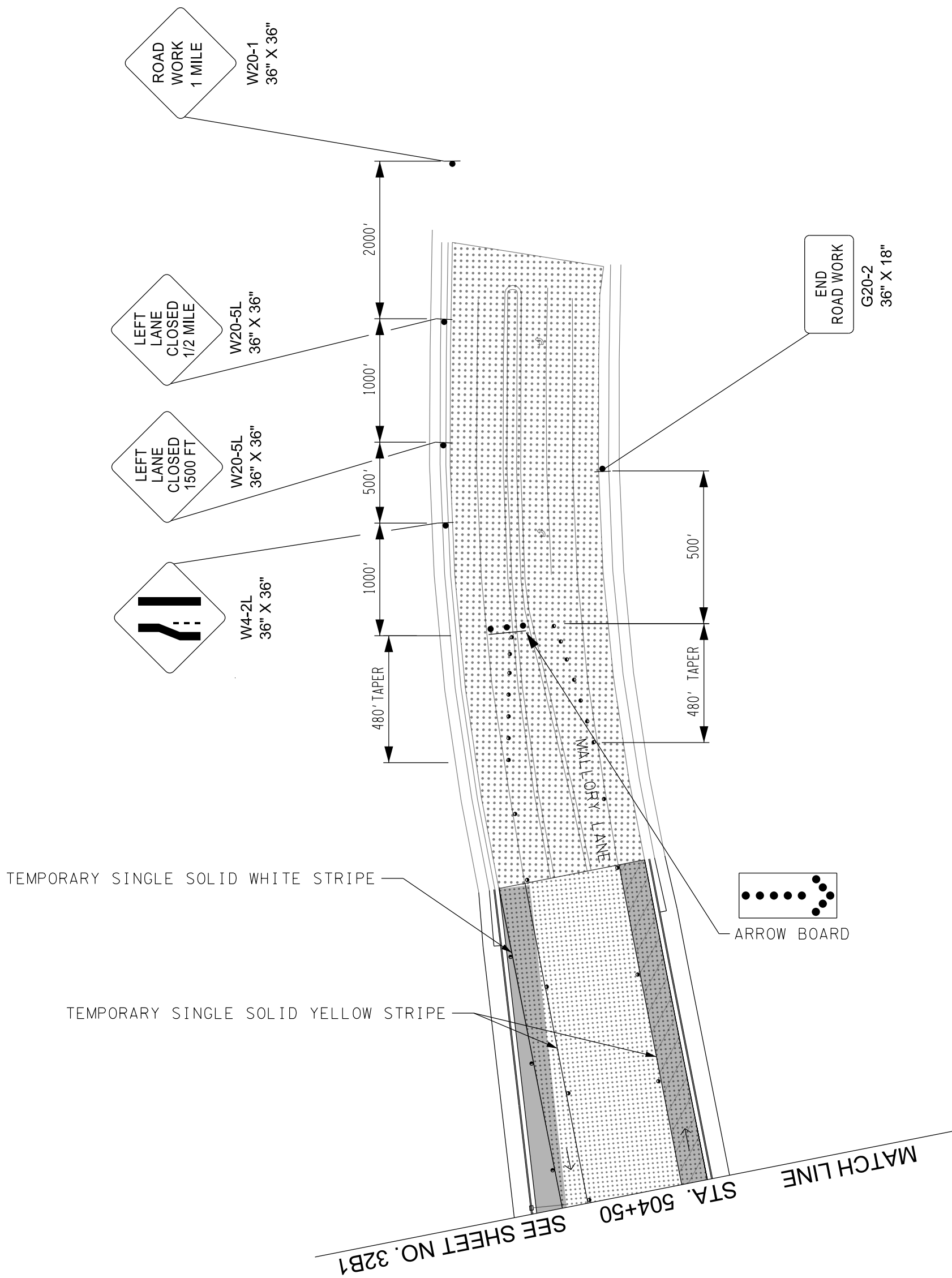
TRAFFIC CONTROL PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

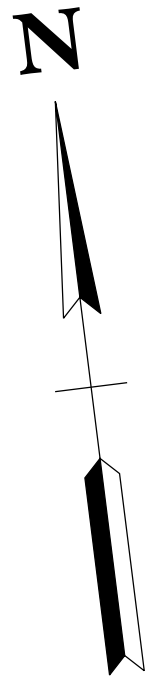
YEAR: 2023

SHEET NO: 32B2



PHASE 3

PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT



NOT TO SCALE

TRAFFIC CONTROL PLAN PHASE 3

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

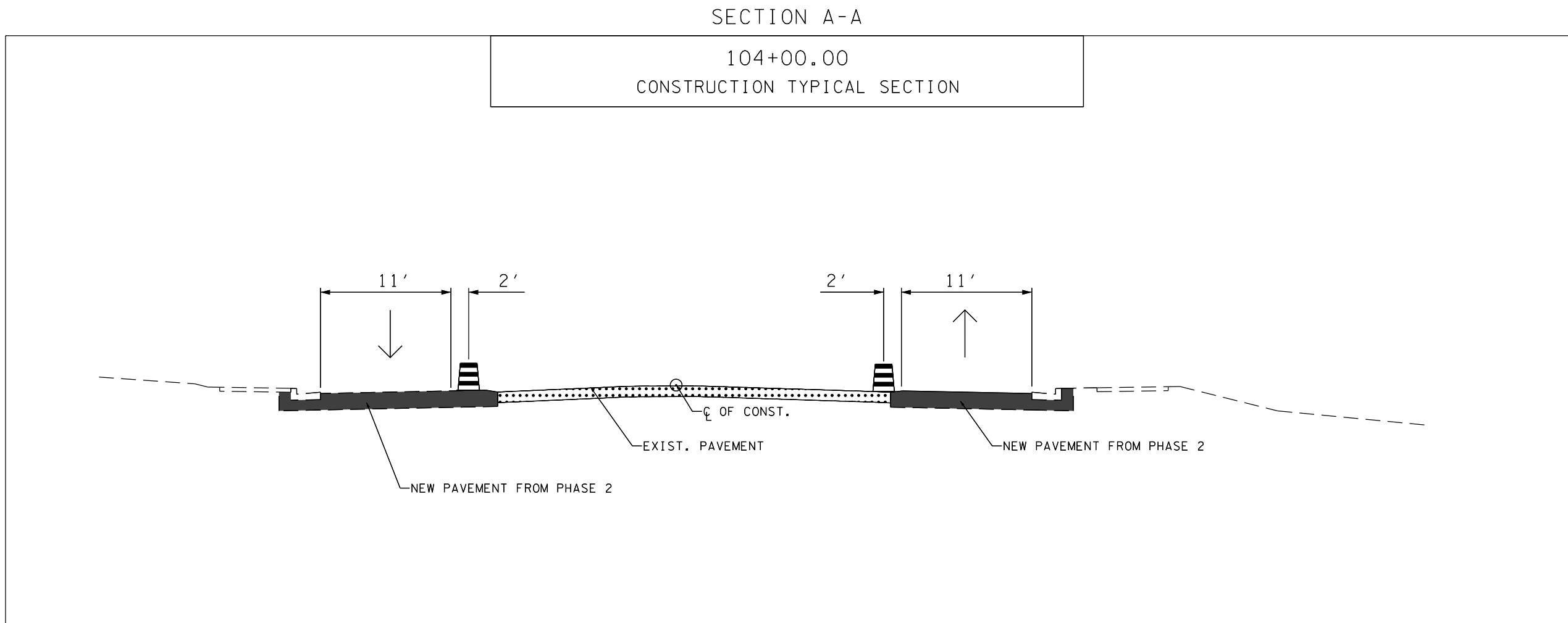
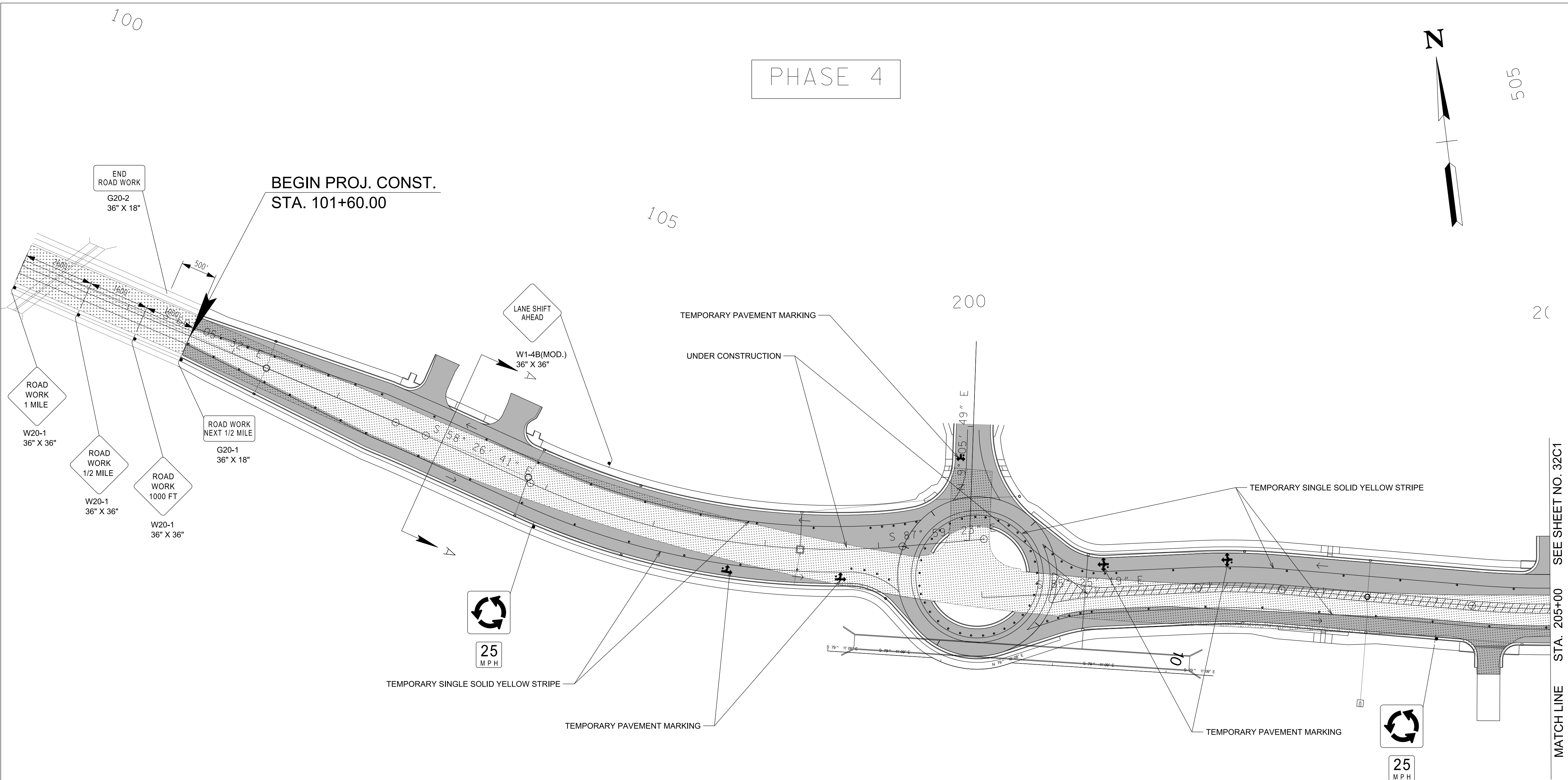
YEAR: 2023

SHEET NO: 32B3

REVISIONS	
NO	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT

NOT TO SCALE

REVISIONS		DESCRIPTION
NO	DATE	BY

TRAFFIC CONTROL PLAN PHASE 4

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

Brentwood Commons, 750 Old Hickory Blvd.
Suite 230-1, Brentwood, TN 37027
Phone: (615) 656-1845 Fax: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

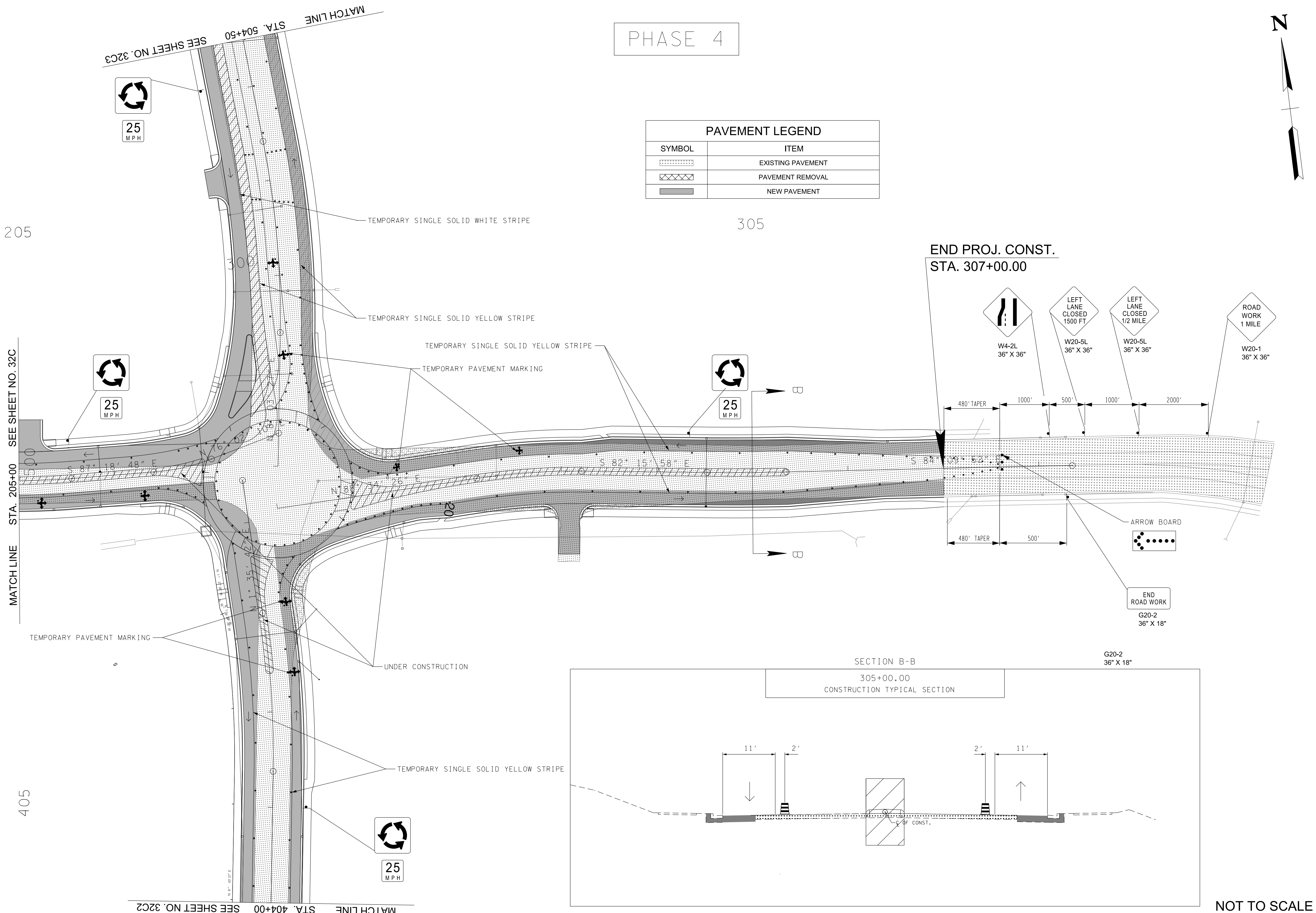
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 32C

Page 311 of 554



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT

REVISIONS	
NO	DESCRIPTION

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 4

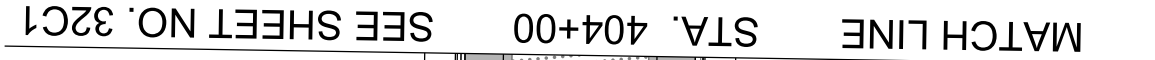
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

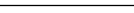
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DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

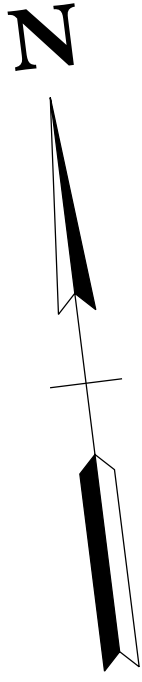
YEAR: 2023

SHEET NO: 32C1

PHASE 4



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT



NOT TO SCALE

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.,
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-

TRAFFIC CONTROL PLAN PHASE 4

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

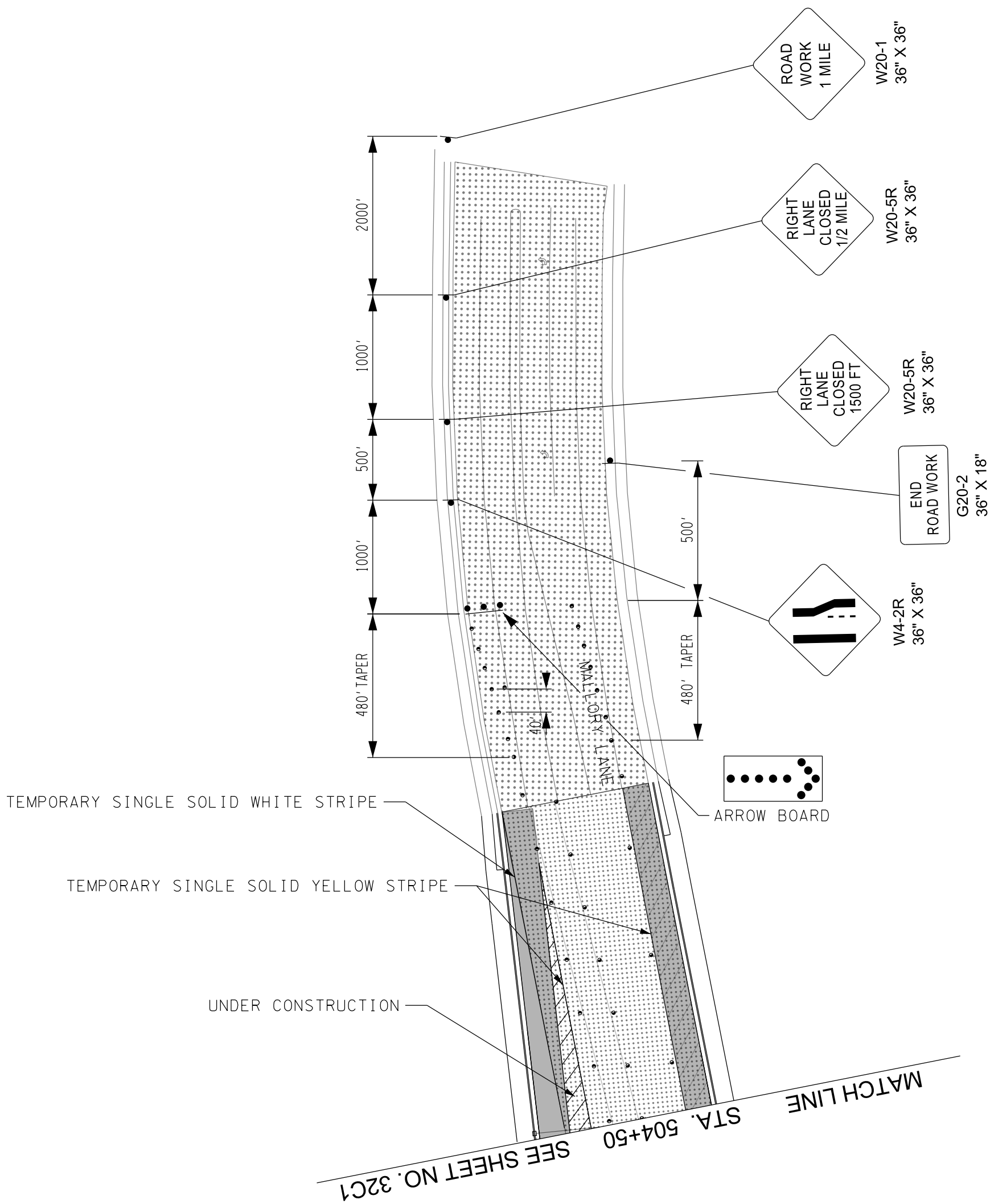
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DRAWN BY: _____

SUPERVISED BY: _____
SCHEDULED BY: _____

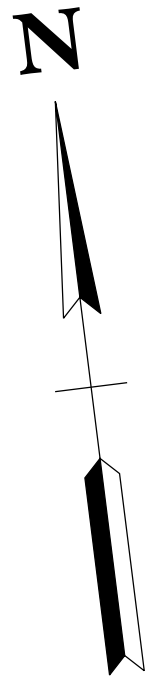
YEAR: 2023

SHEET NO: 32C2



PHASE 4

PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT FROM PEVIOUS PHASE(S)



NOT TO SCALE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 32C3

TRAFFIC CONTROL PLAN PHASE 4

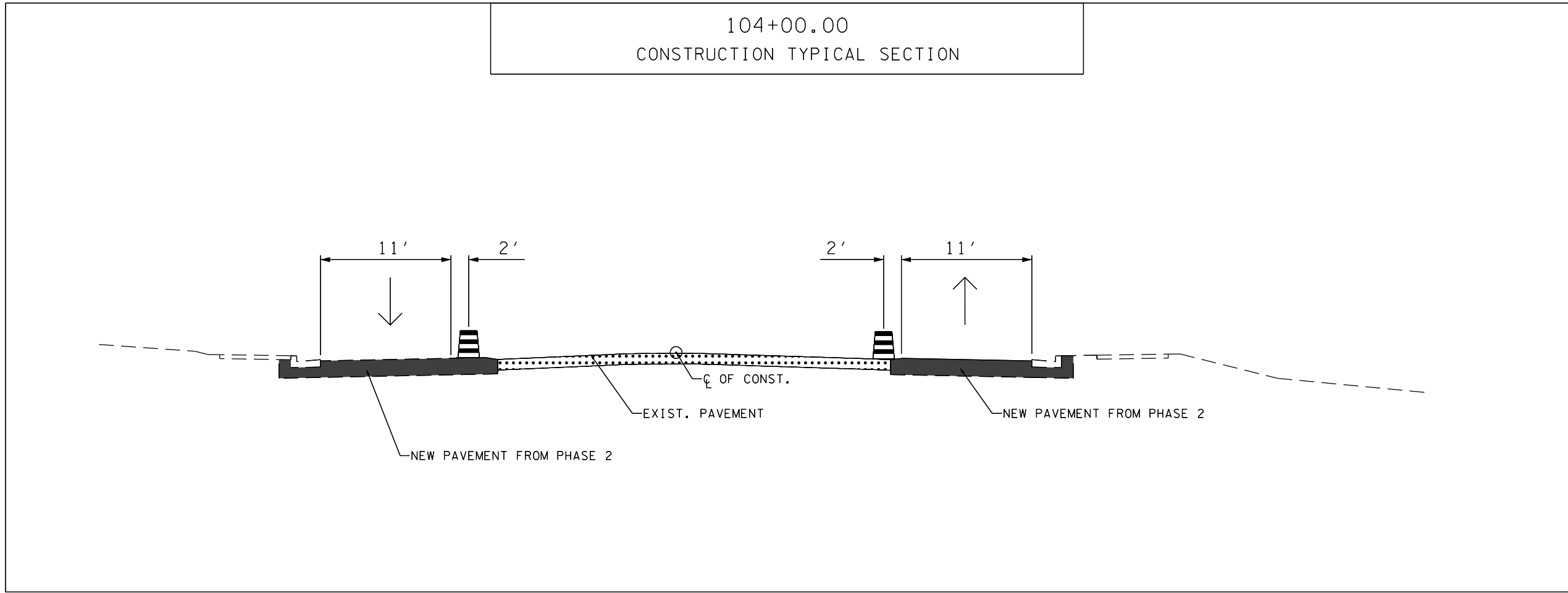
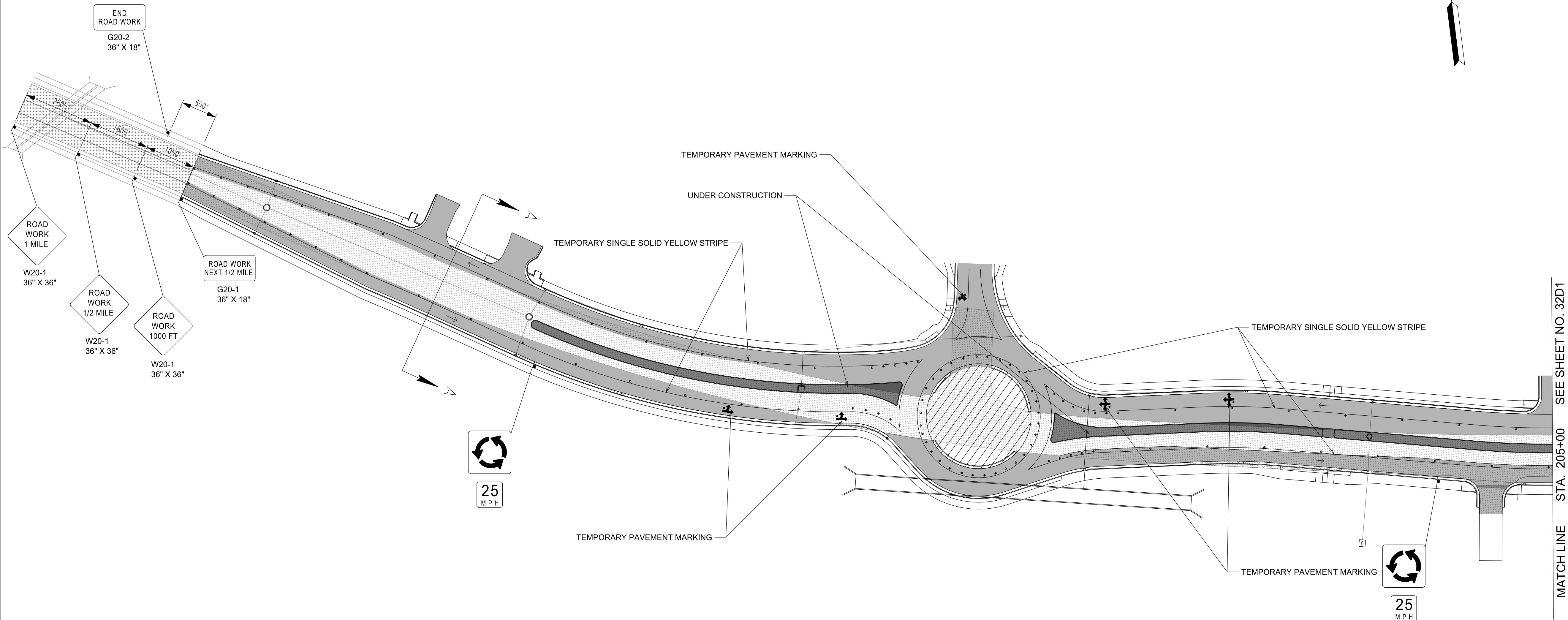
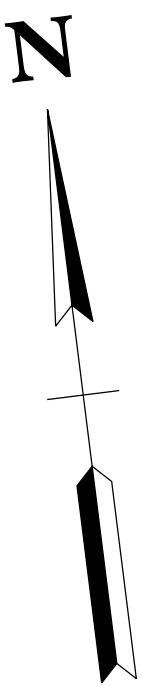
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DATE BY DESCRIPTION

PHASE 5



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT FROM PREVIOUS PHASE(S)

MATCH LINE STA. 205+00 SEE SHEET NO. 32D1

NOT TO SCALE

REVISIONS	
NO	DATE
BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 5

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

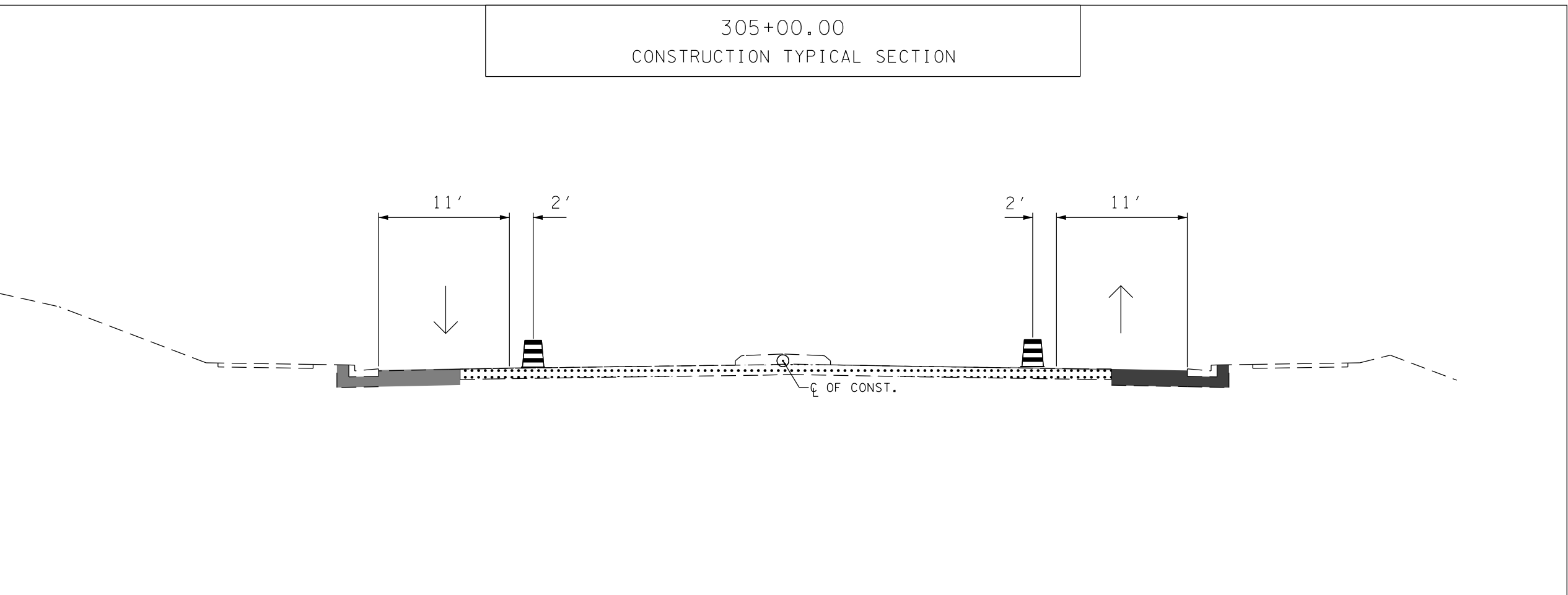
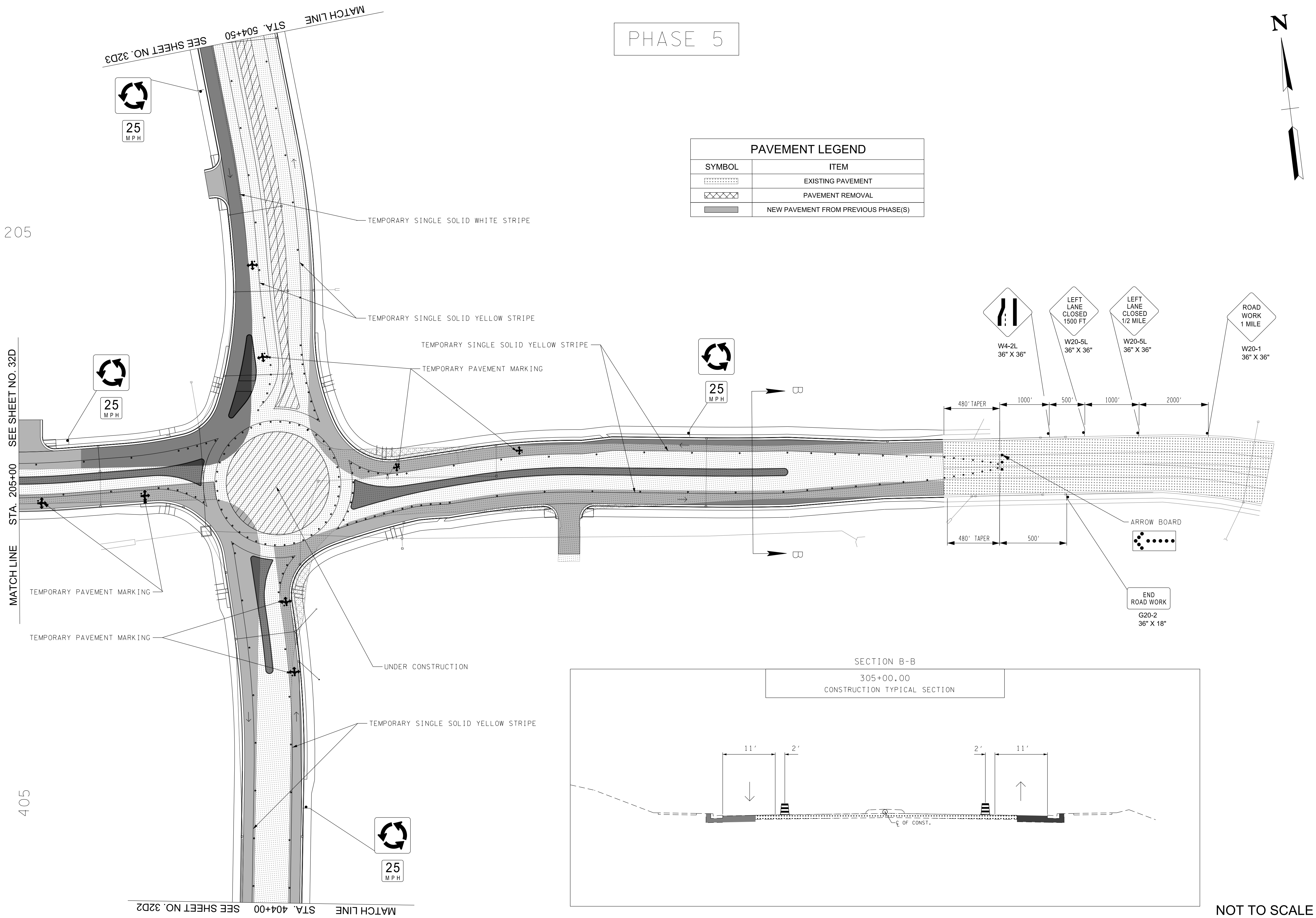
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: 32D



NOT TO SCALE

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

TRAFFIC CONTROL PLAN PHASE 5

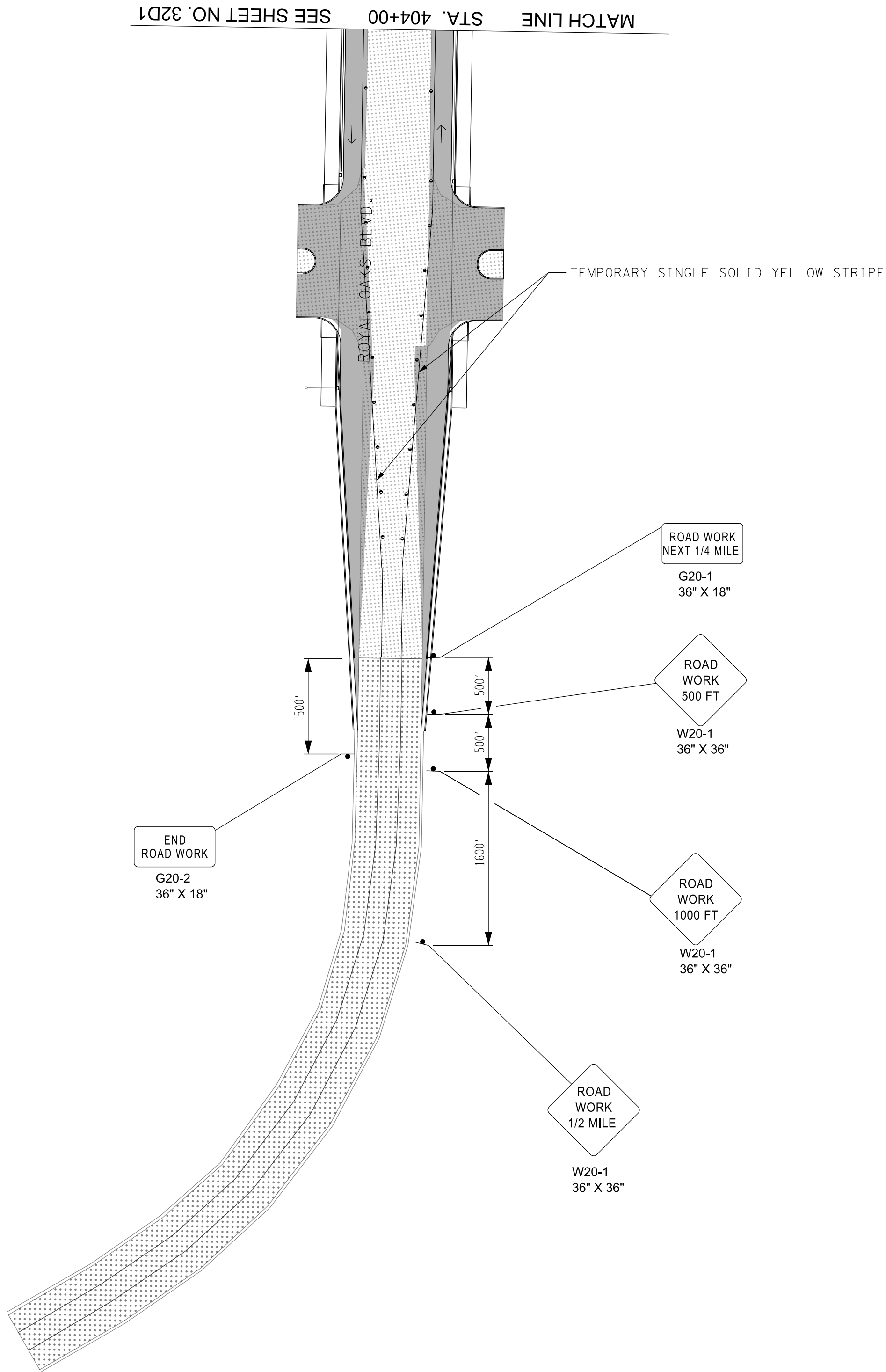
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

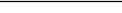
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DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

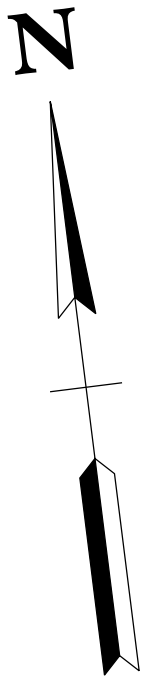
SHEET NO: 32D1

PHASE 5



PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT FROM PREVIOUS PHASE(S)

NOT TO SCALE

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-

TRAFFIC CONTROL PLAN PHASE 5

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

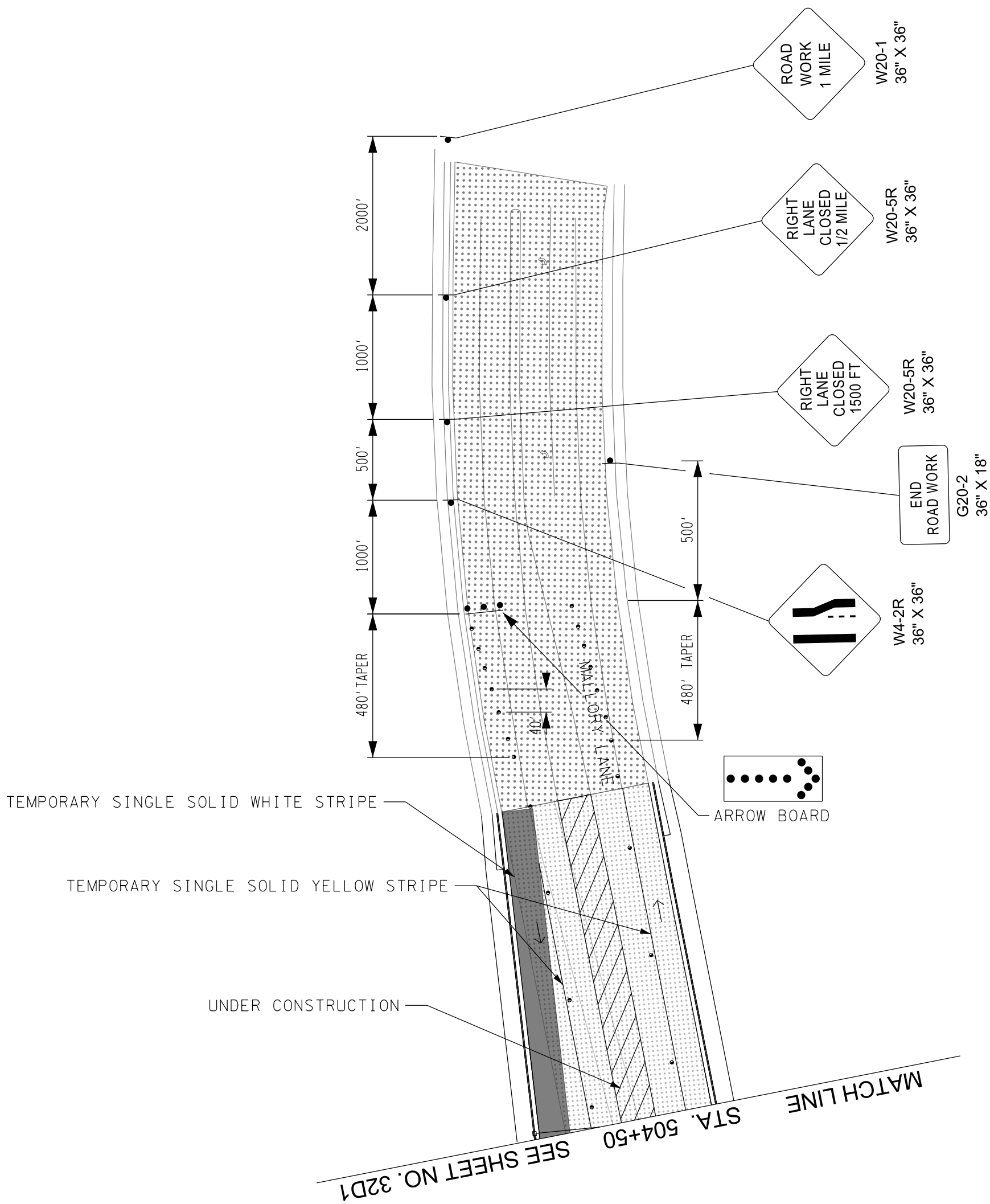
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CHECKED BY: _____

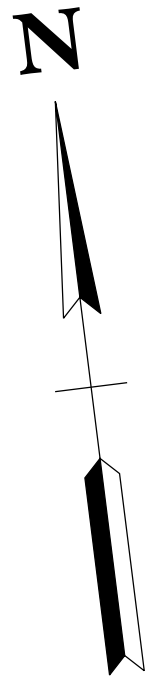
YEAR: 2023

SHEET NO: 32D2



PHASE 5

PAVEMENT LEGEND	
SYMBOL	ITEM
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	NEW PAVEMENT FROM PREVIOUS PHASE(S)



NOT TO SCALE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: 32D3

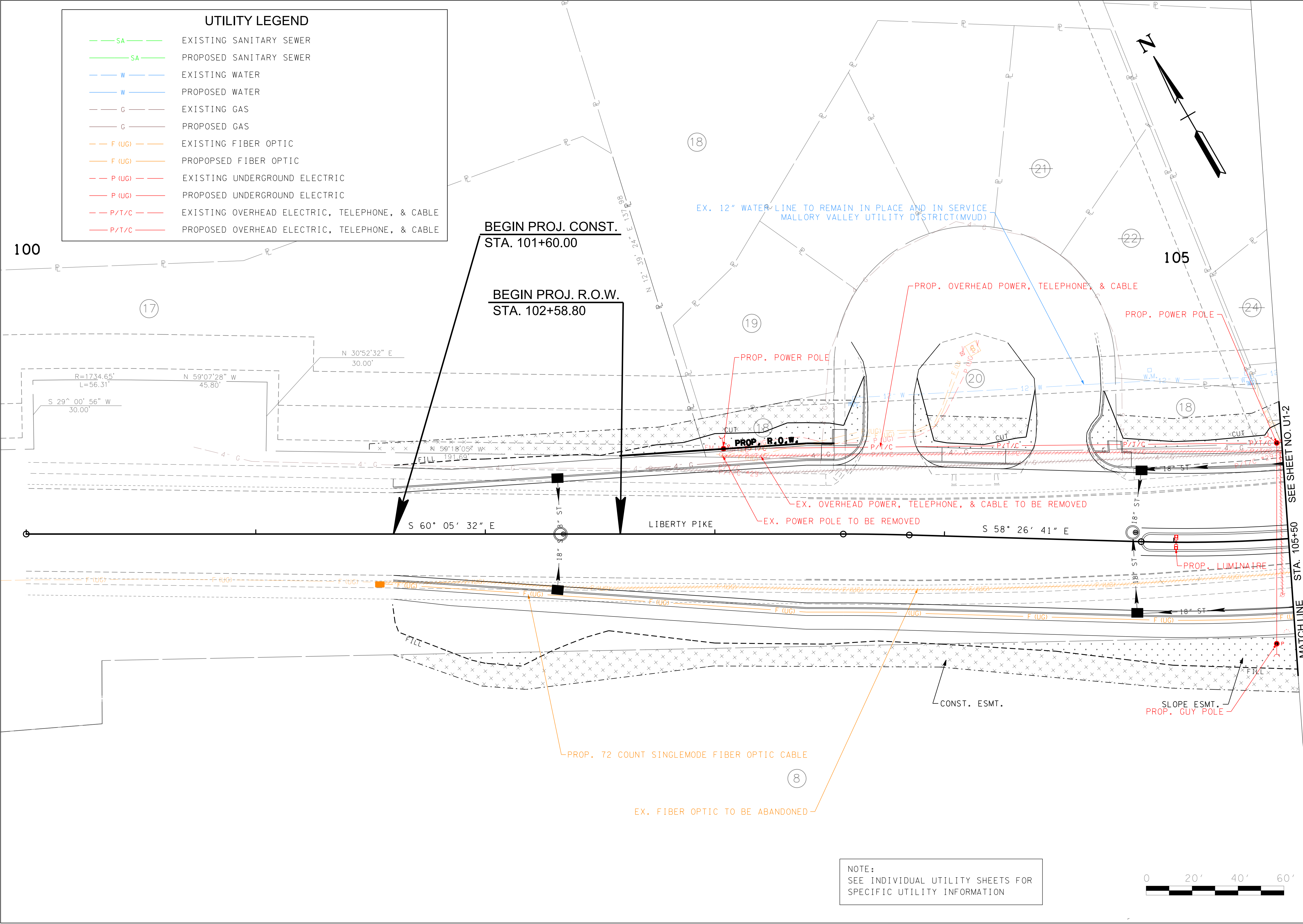
TRAFFIC CONTROL PLAN PHASE 5

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DESCRIPTION



REVISIONS		DESCRIPTION
NO	DATE	BY

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

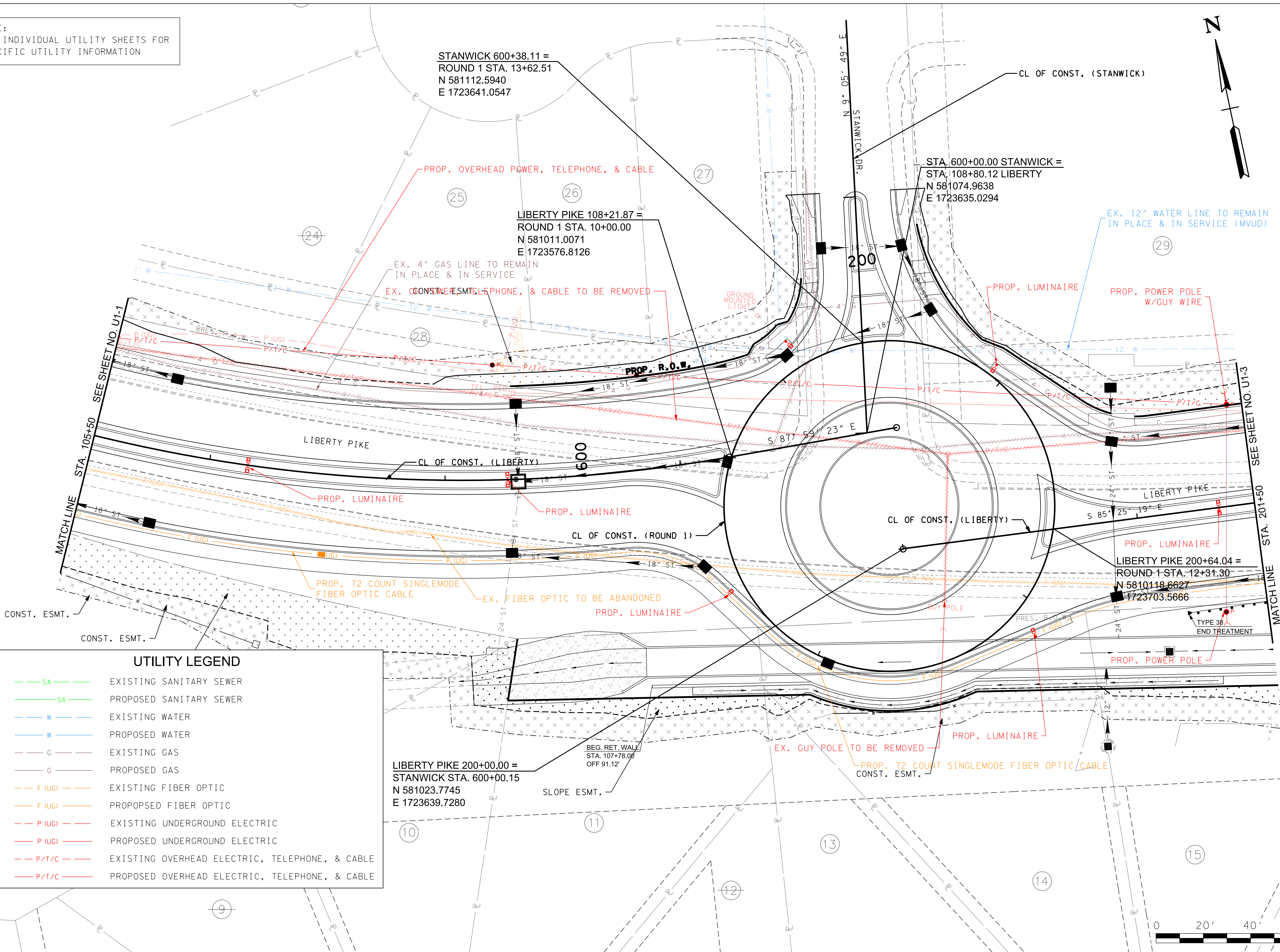
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U1-1

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

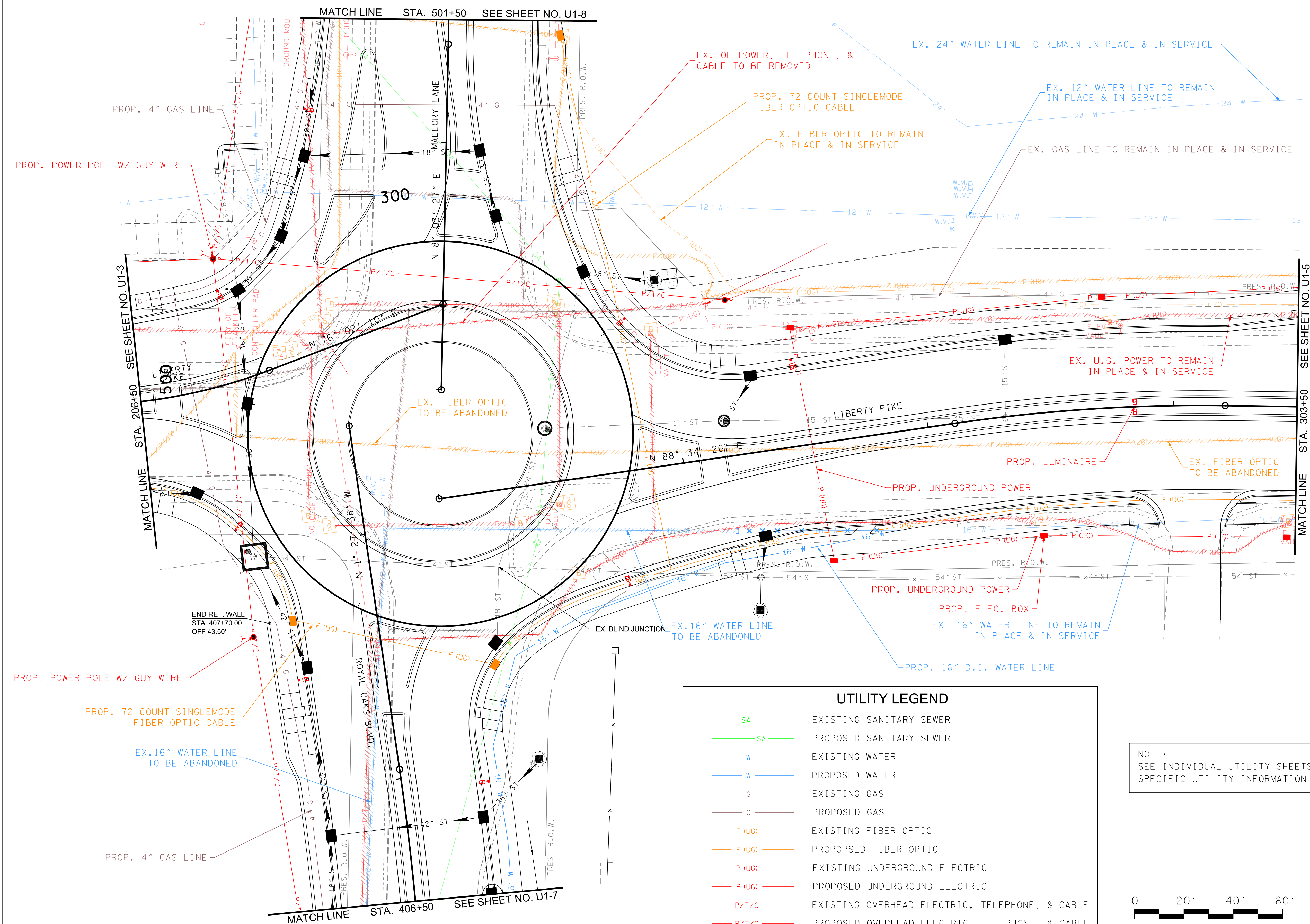
OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U1-2

[illegible]

VOLKERT

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U1-4

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

EX. 24" WATER LINE TO REMAIN IN PLACE & IN SERVICE (MVUD)

EX. 16" WATER LINE TO REMAIN IN PLACE & IN SERVICE(MVUD)

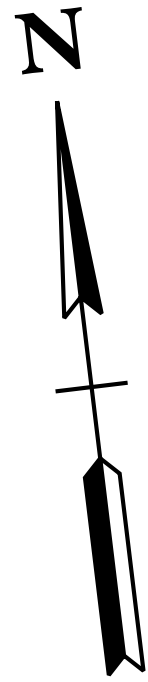
4

305

END PROJ. CONST.
STA. 307+00.00

UTILITY LEGEND

- SA EXISTING SANITARY SEWER
- SA PROPOSED SANITARY SEWER
- W EXISTING WATER
- W PROPOSED WATER
- G EXISTING GAS
- G PROPOSED GAS
- F (UG) EXISTING FIBER OPTIC
- F (UG) PROPOSED FIBER OPTIC
- P (UG) EXISTING UNDERGROUND ELECTRIC
- P (UG) PROPOSED UNDERGROUND ELECTRIC
- P/T/C EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
- P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE



MATCH LINE STA. 303+50 SEE SHEET NO. U1-4

END PROJ. R.O.W.
STA. 303+94.59

LIBERTY PIKE

CITY OF FRANKLIN

2

REVISIONS
NO. DATE BY DESCRIPTION

OVERALL UTILITY RELOCATION PLAN

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

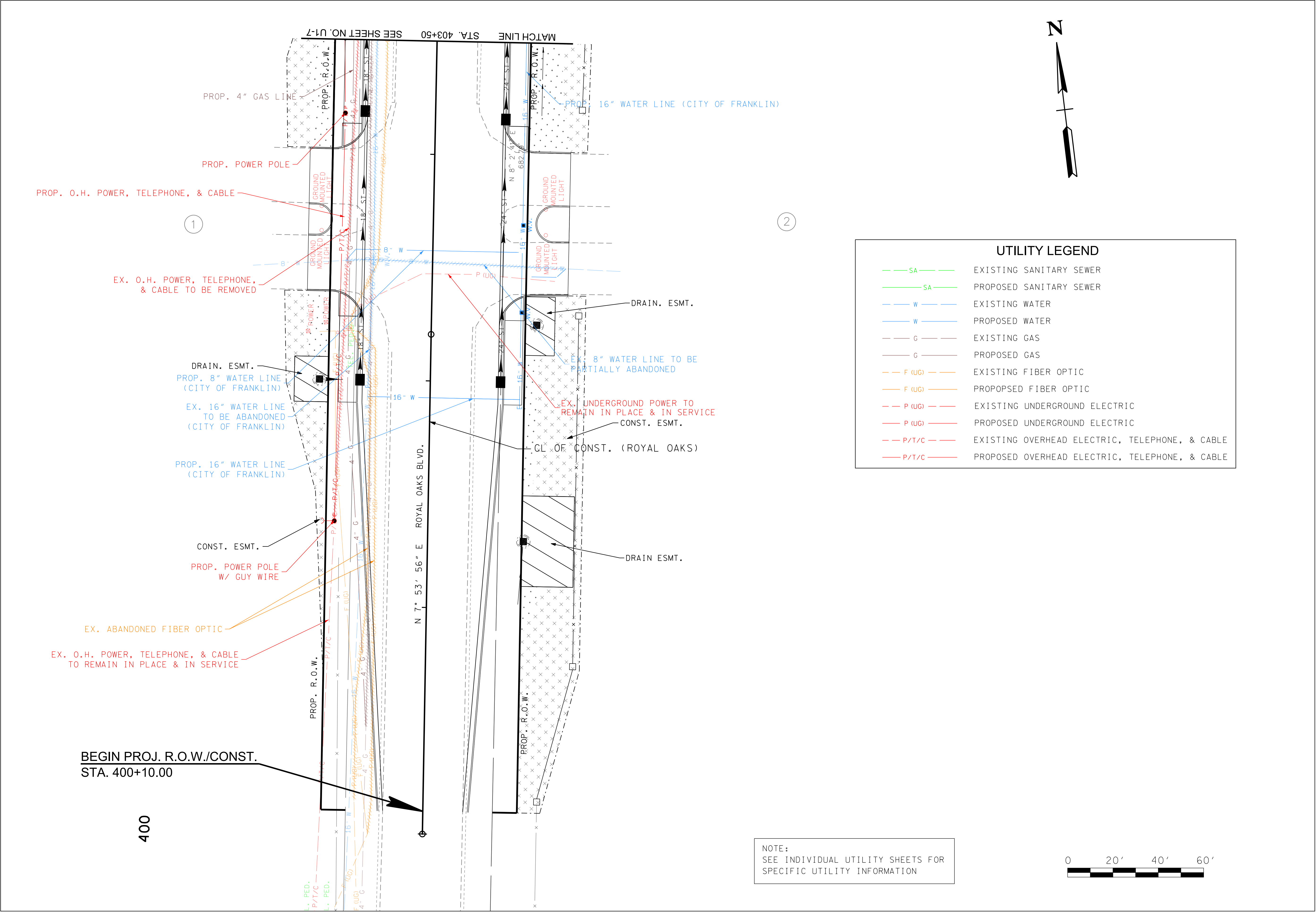
YEAR: 2023

SHEET NO:U1-5

Volkert

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



UTILITY LEGEND

— SA —	EXISTING SANITARY SEWER
— SA —	PROPOSED SANITARY SEWER
— W —	EXISTING WATER
— W —	PROPOSED WATER
— G —	EXISTING GAS
— G —	PROPOSED GAS
— F (UG) —	EXISTING FIBER OPTIC
— F (UG) —	PROPOSED FIBER OPTIC
— P (UG) —	EXISTING UNDERGROUND ELECTRIC
— P (UG) —	PROPOSED UNDERGROUND ELECTRIC
— P/T/C —	EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
— P/T/C —	PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION



REVISIONS	
NO	DESCRIPTION

Volkert

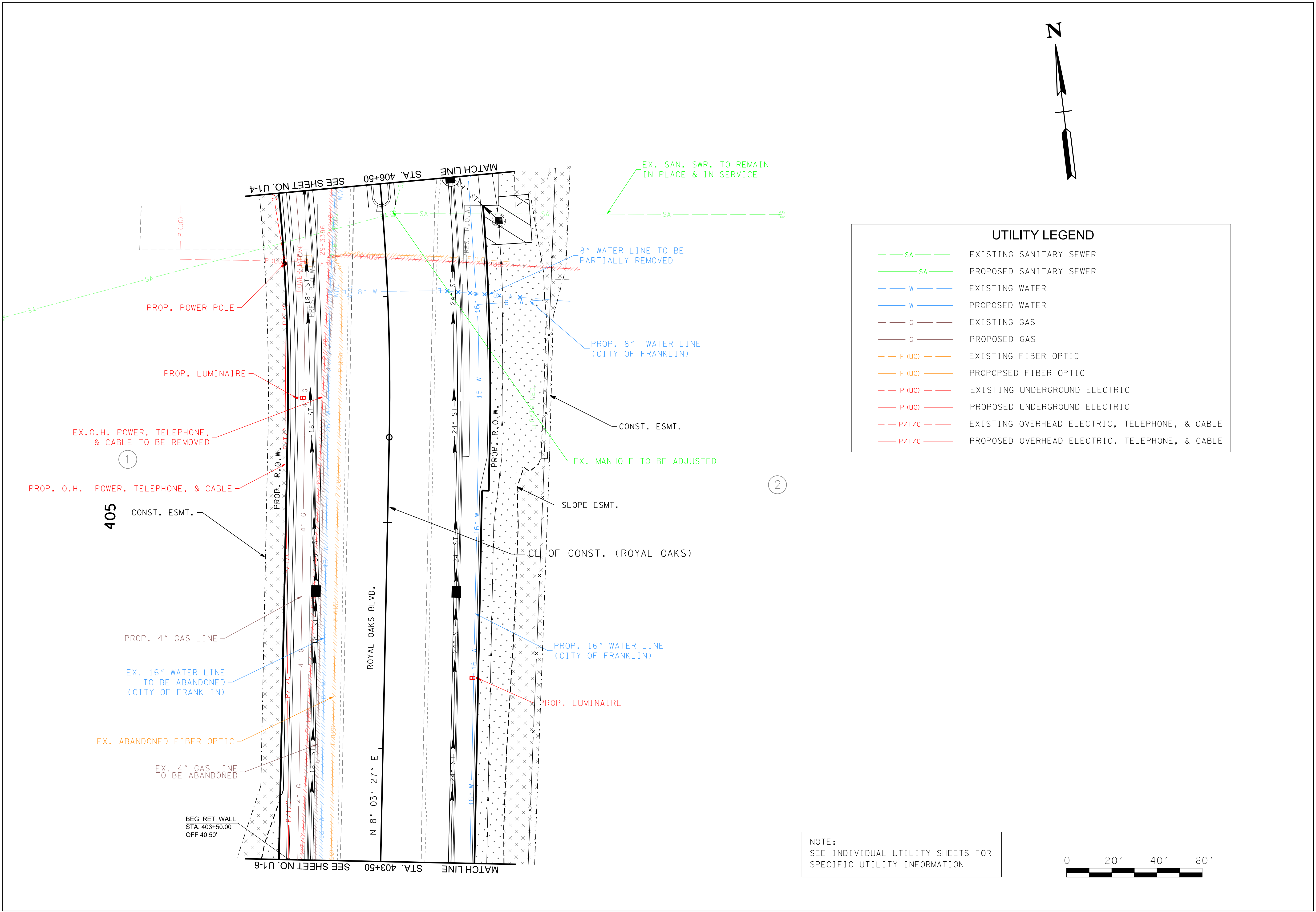
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR:	2023
SHEET NO:	U1-6



REVISIONS	
NO	DESCRIPTION

OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

Volkert

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 SUITE 230-1, BRENTWOOD, TN 37027
 PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

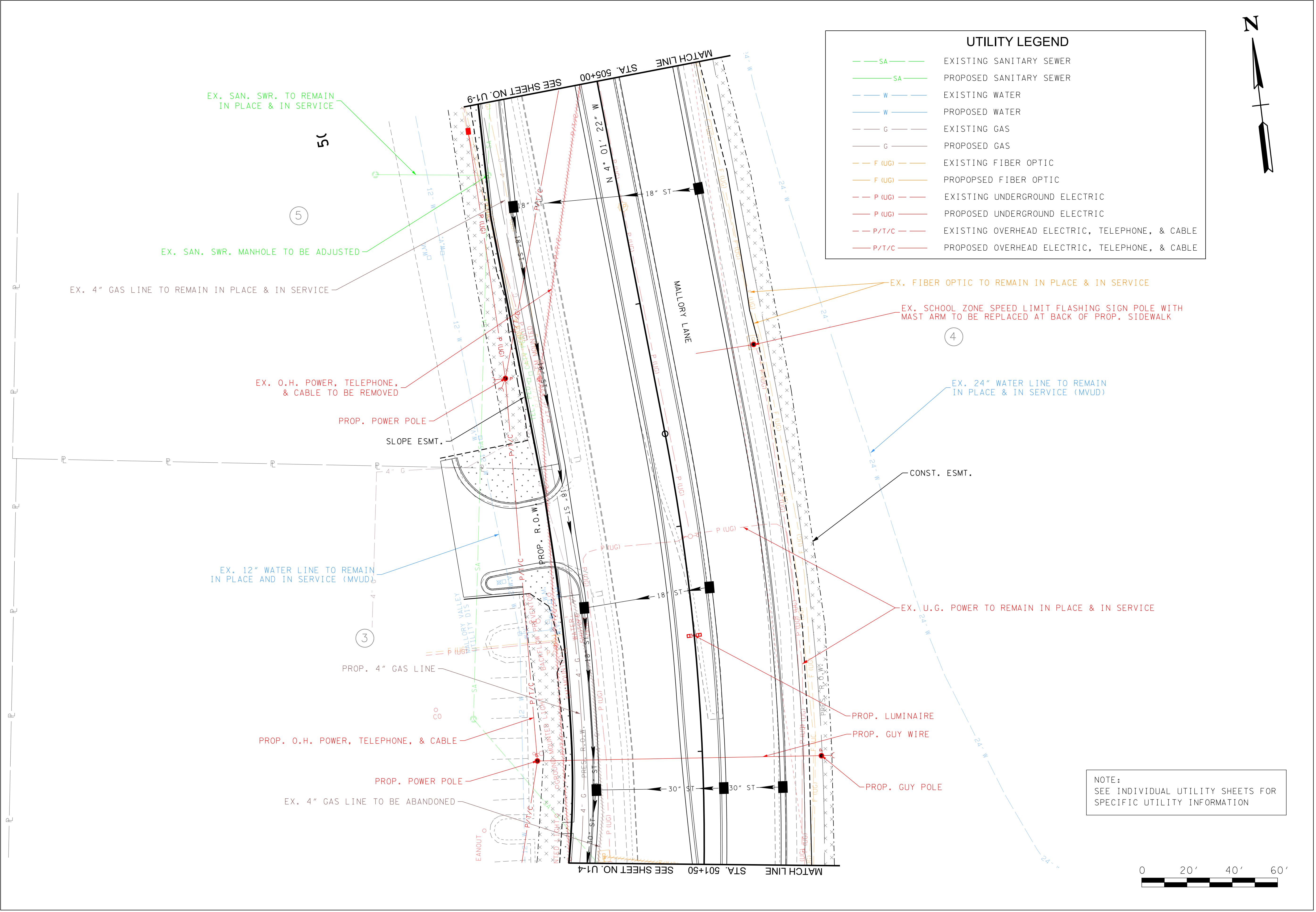
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: U1-7

Page 325 of 554



OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

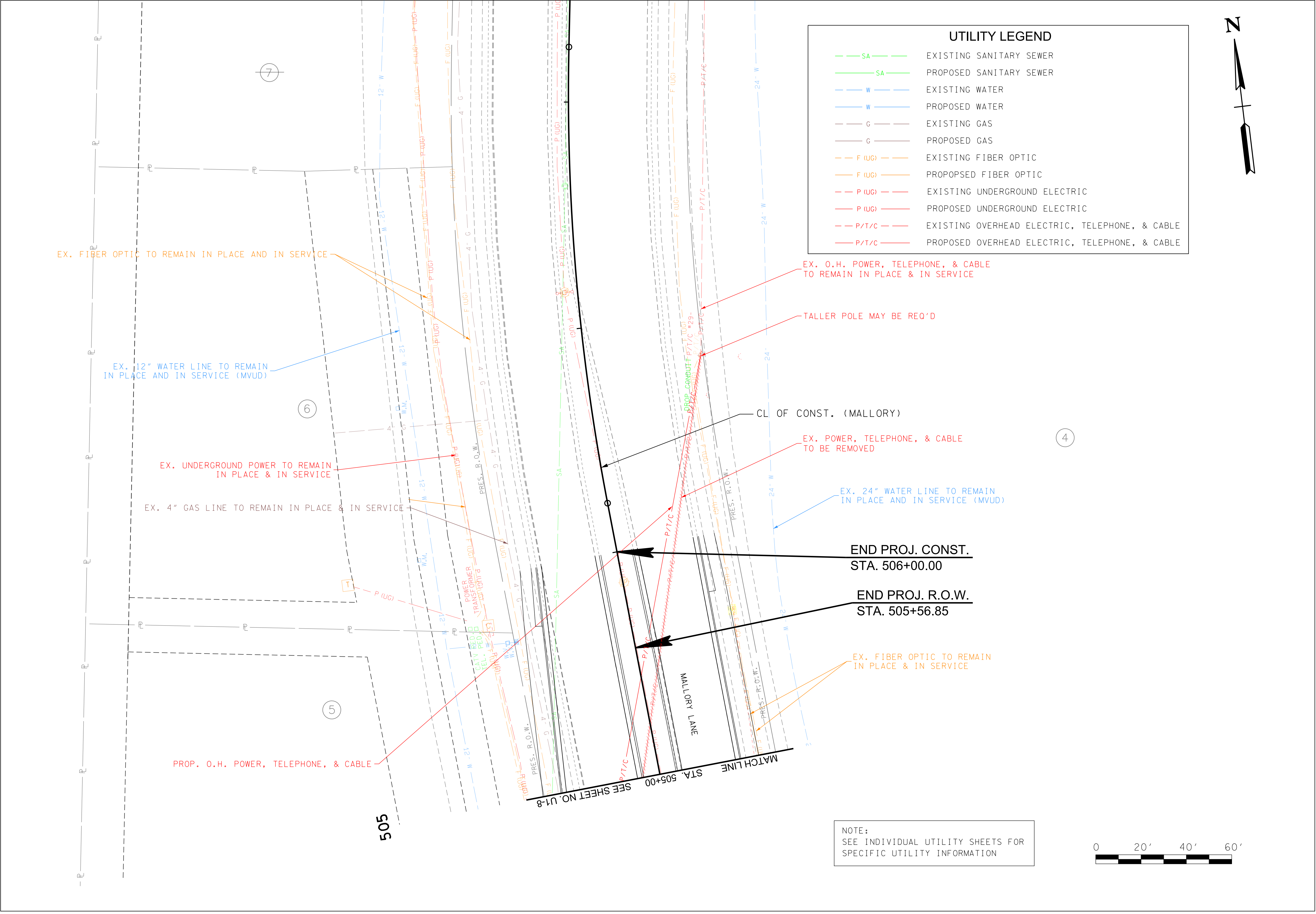
SHEET NO:U1-8

REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

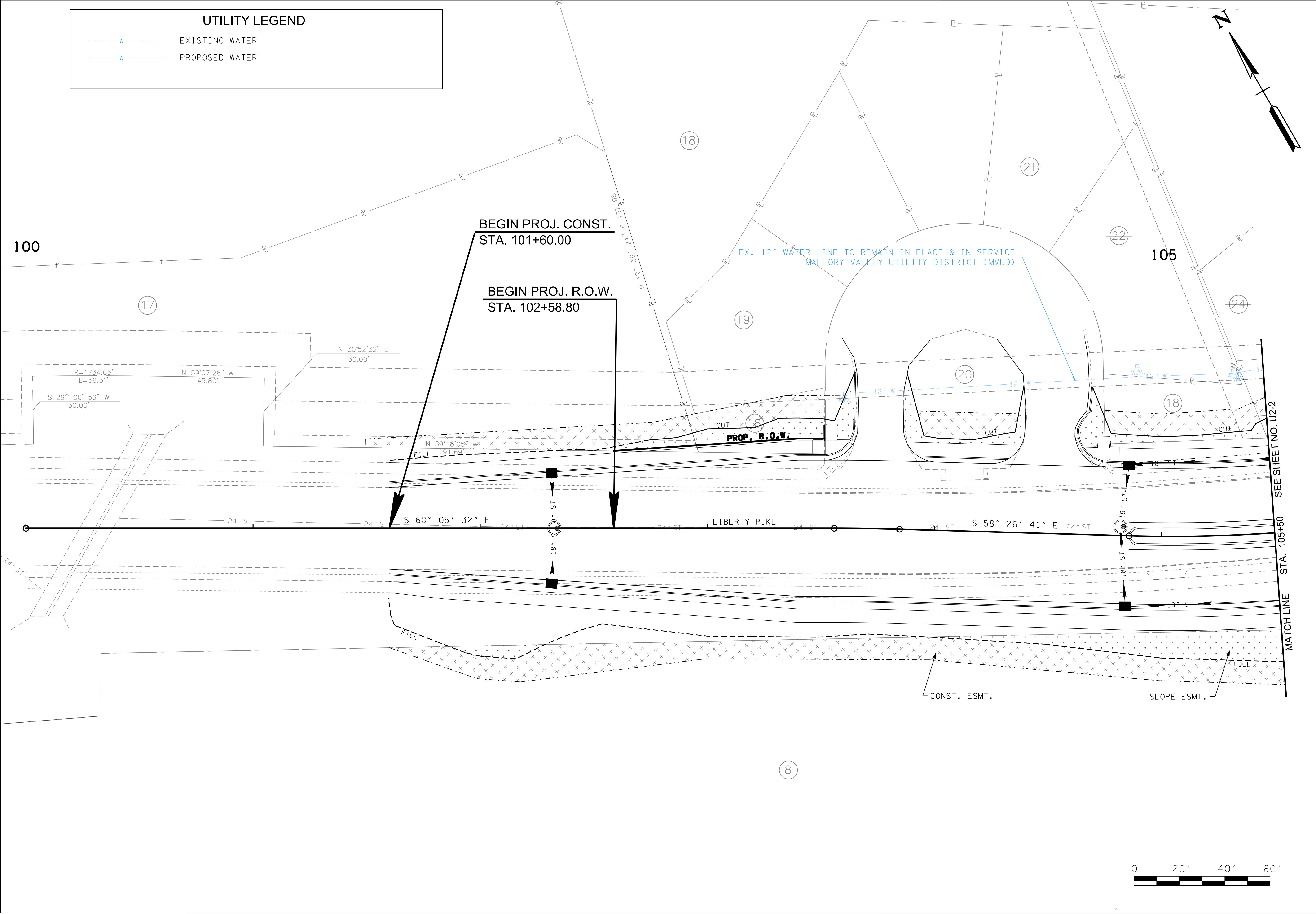
OVERALL UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U1-9



REVIEWS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

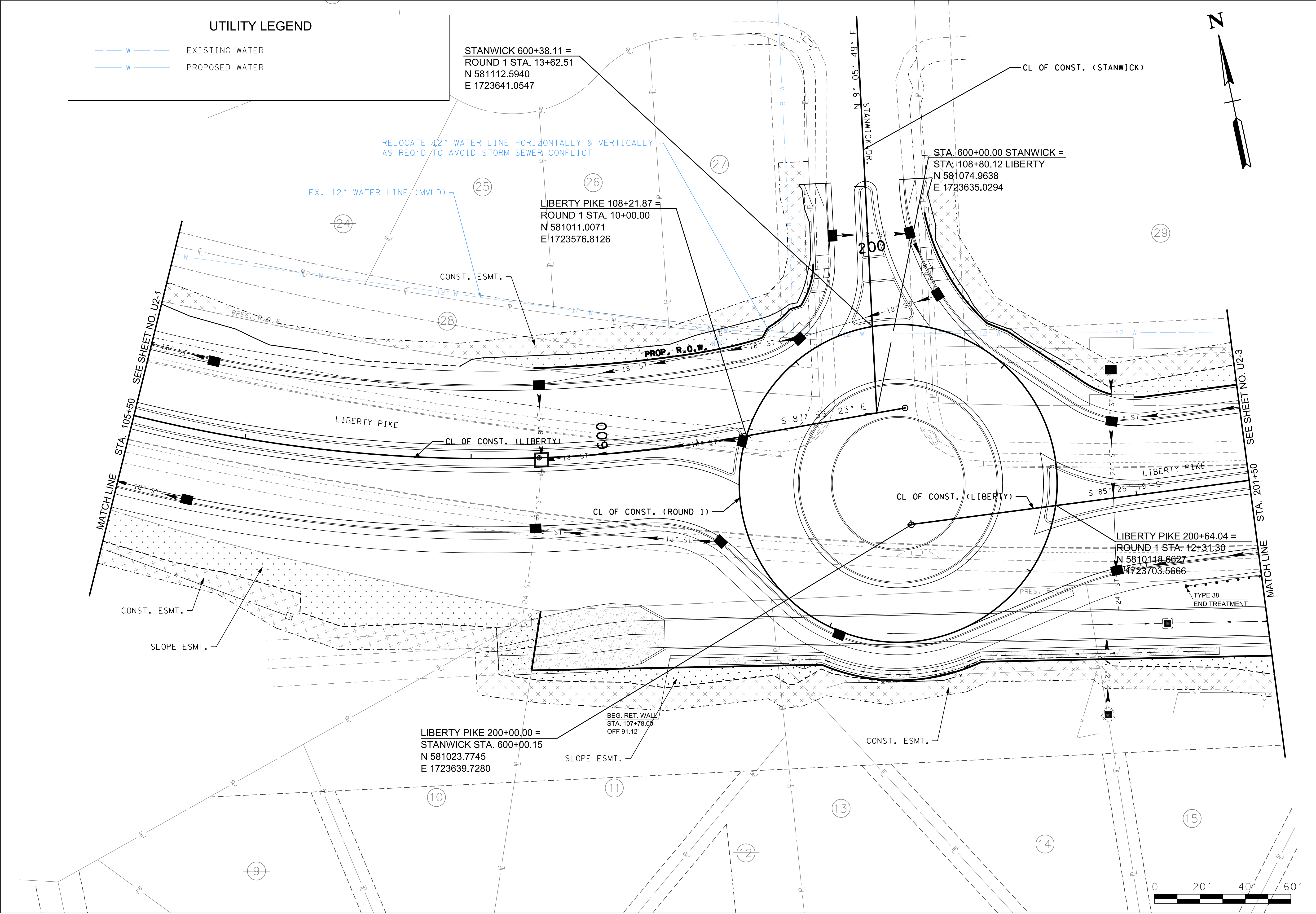
WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U2-1



UTILITY LEGEND

W

EXISTING WATER

W

PROPOSED WATER

STANWICK 600+38.11 =
ROUND 1 STA. 13+62.51
N 581112.5940
E 1723641.0547

RELOCATE 42" WATER LINE HORIZONTALLY & VERTICALLY
AS REQ'D TO AVOID STORM SEWER CONFLICT

EX. 12" WATER LINE (MVUD)

LIBERTY PIKE 108+21.87 =
ROUND 1 STA. 10+00.00
N 581011.0071
E 1723576.8126

STA. 600+00.00 STANWICK =
STA. 108+80.12 LIBERTY
N 581074.9638
E 1723635.0294

CONST. ESMT.

PROP. R.O.W.

LIBERTY PIKE

CL OF CONST. (LIBERTY)

CL OF CONST. (ROUND 1)

CL OF CONST. (LIBERTY)

LIBERTY PIKE

LIBERTY PIKE 200+64.04 =
ROUND 1 STA. 12+31.30
N 5810118.6627
E 1723703.5666

CONST. ESMT.

SLOPE ESMT.

BEG. RET. WALL
STA. 107+78.00
OFF 91.12'

SLOPE ESMT.

CONST. ESMT.

TYPE 38
END TREATMENT

LIBERTY PIKE 200+00.00 =
STANWICK STA. 600+00.15
N 581023.7745
E 1723639.7280

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U2-2

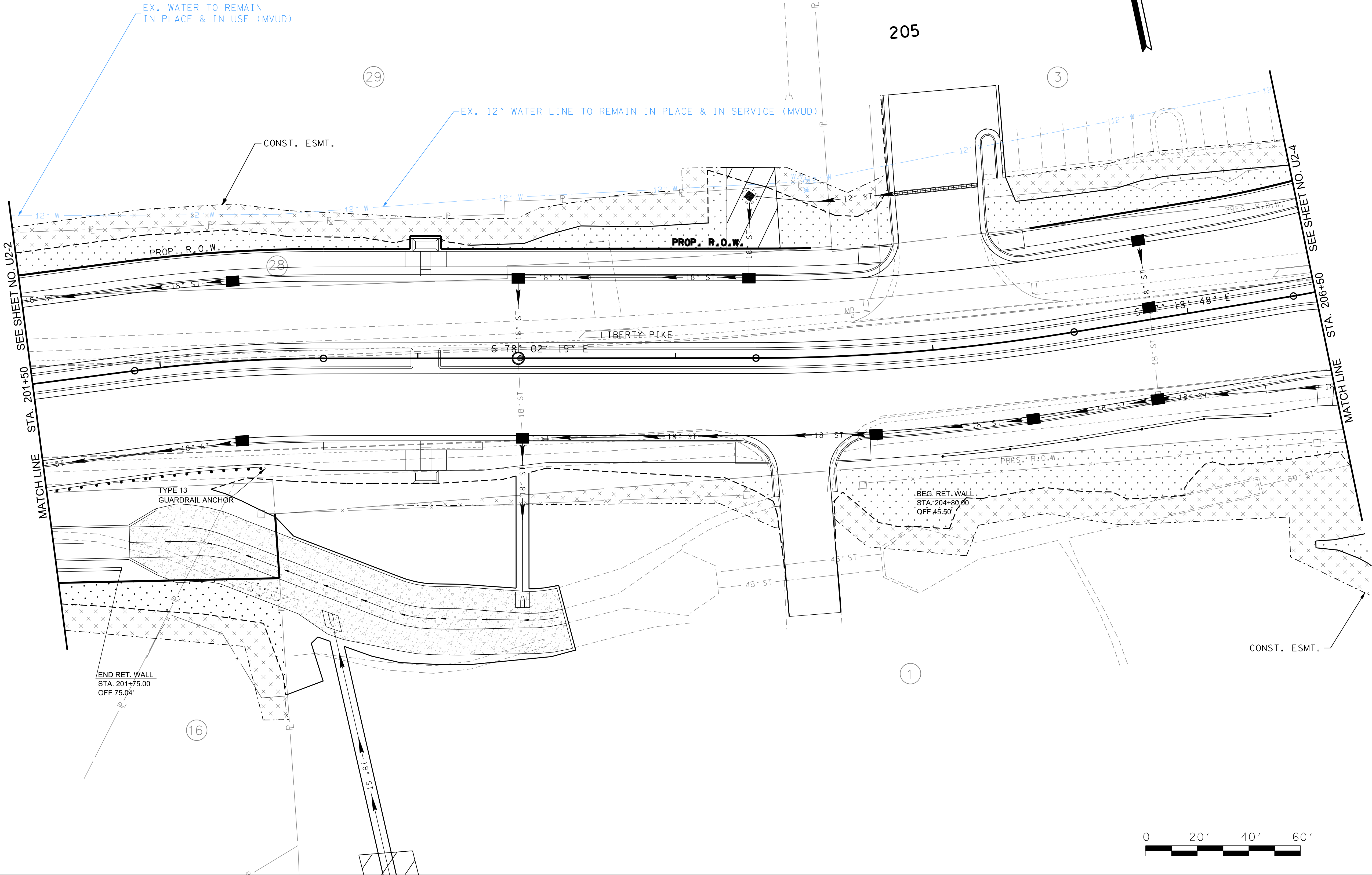
UTILITY LEGEND

W

EXISTING WATER

W

PROPOSED WATER



REVISIONS		DESCRIPTION	
NO	DATE	BY	

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

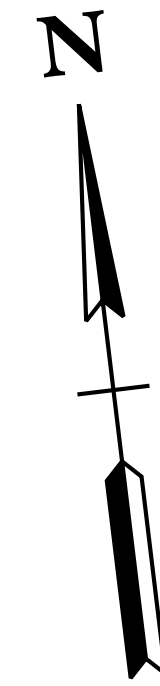
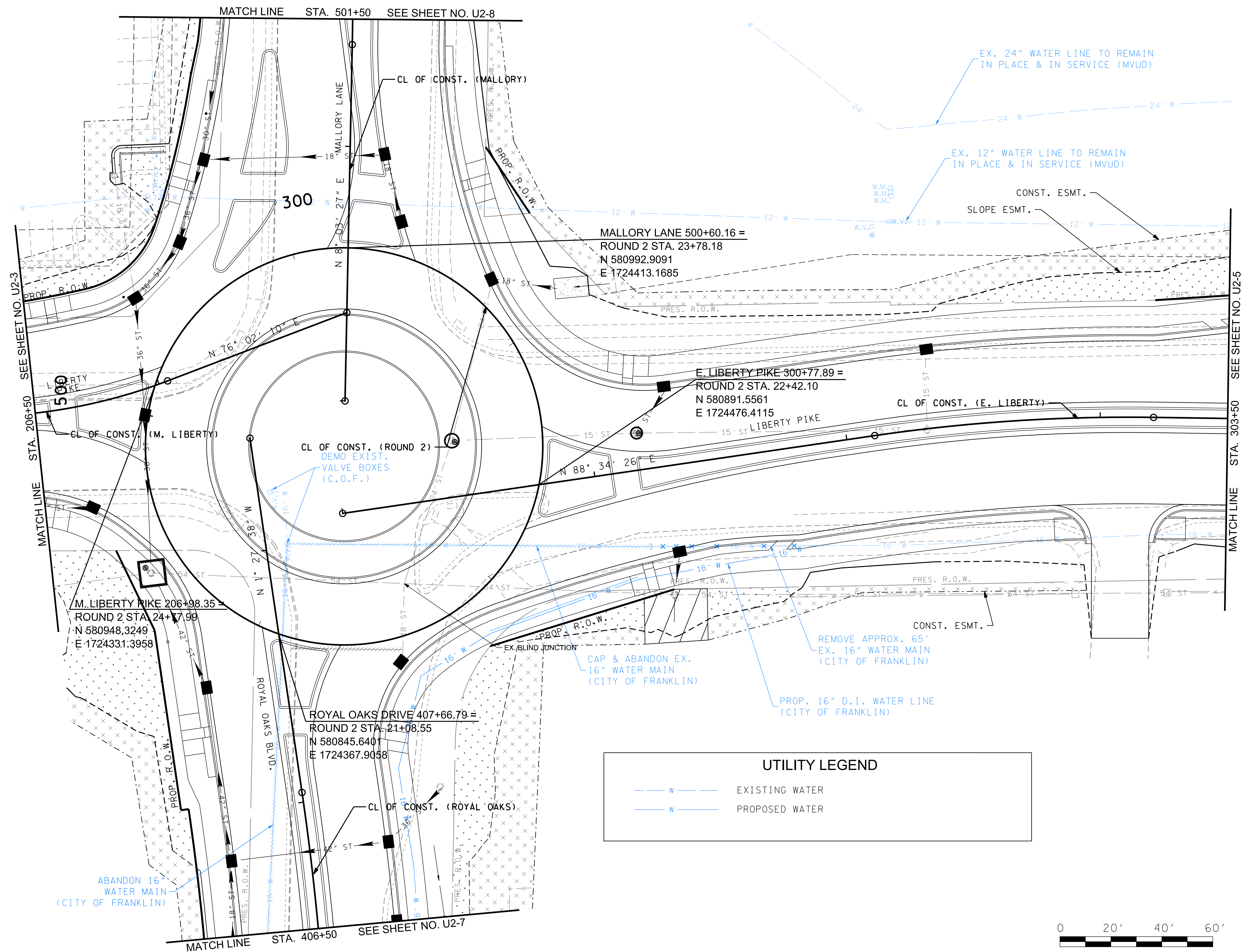
WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U2-3

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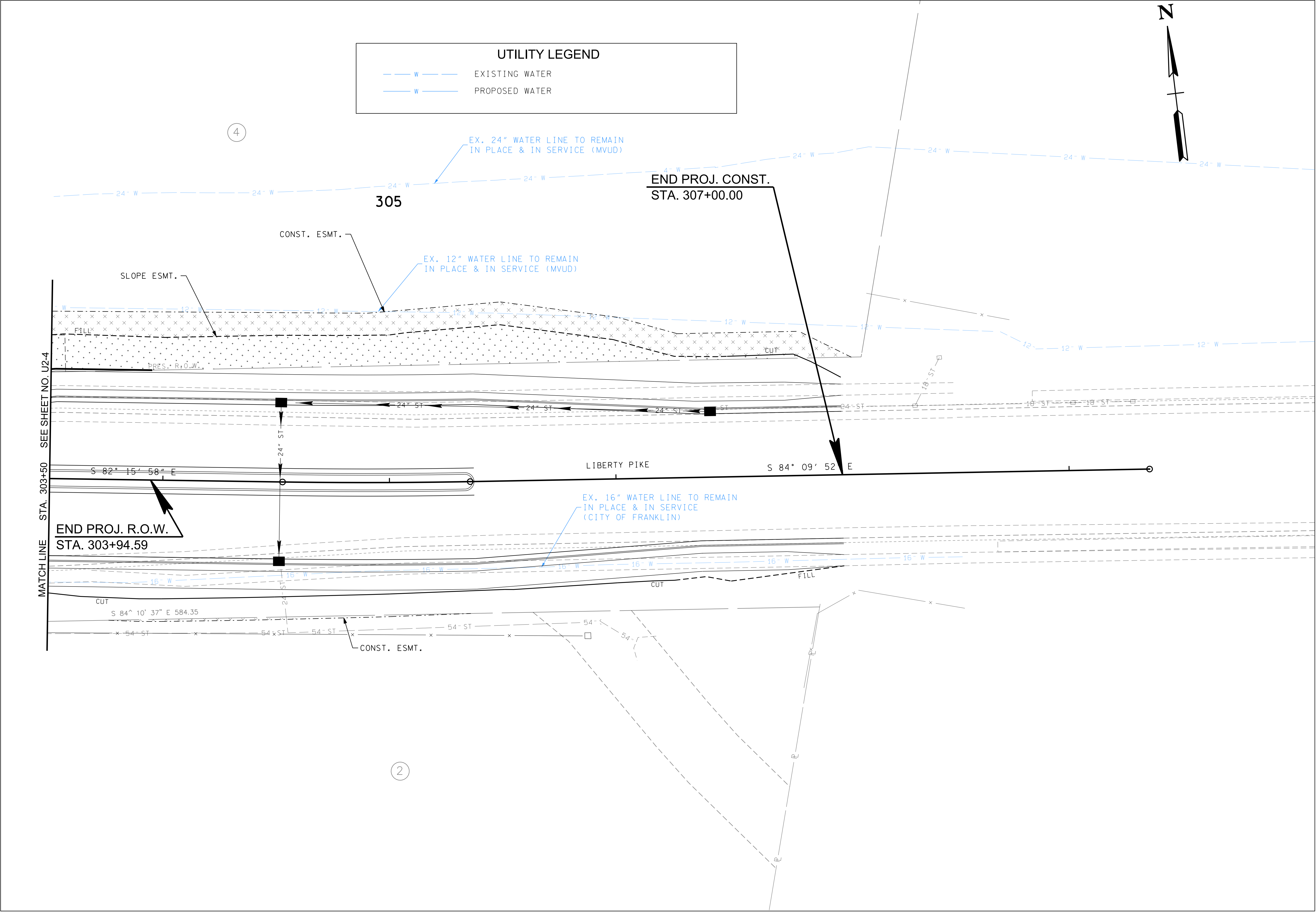
Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____	
DESIGNED BY: _____	
DRAWN BY: _____	
SUPERVISED BY: _____	
CHECKED BY: _____	
YEAR: _____	2023
SHEET NO: U2-4	



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

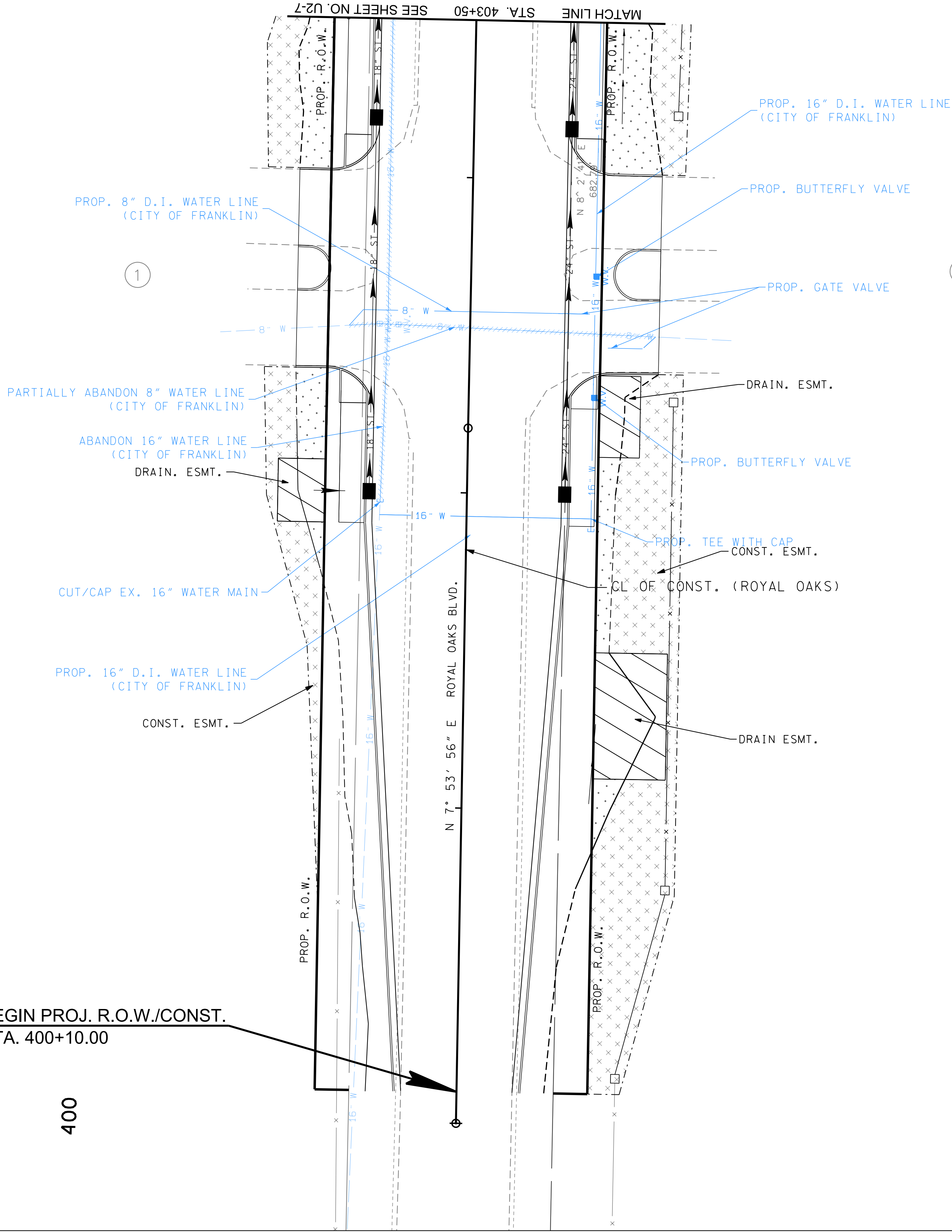
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CHECKED BY: _____

YEAR: 2023

SHEET NO: U2-5

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



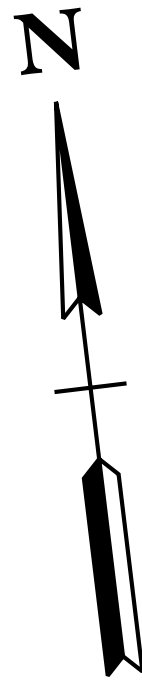
UTILITY LEGEND

— W —

EXISTING WATER

— W —

PROPOSED WATER



REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

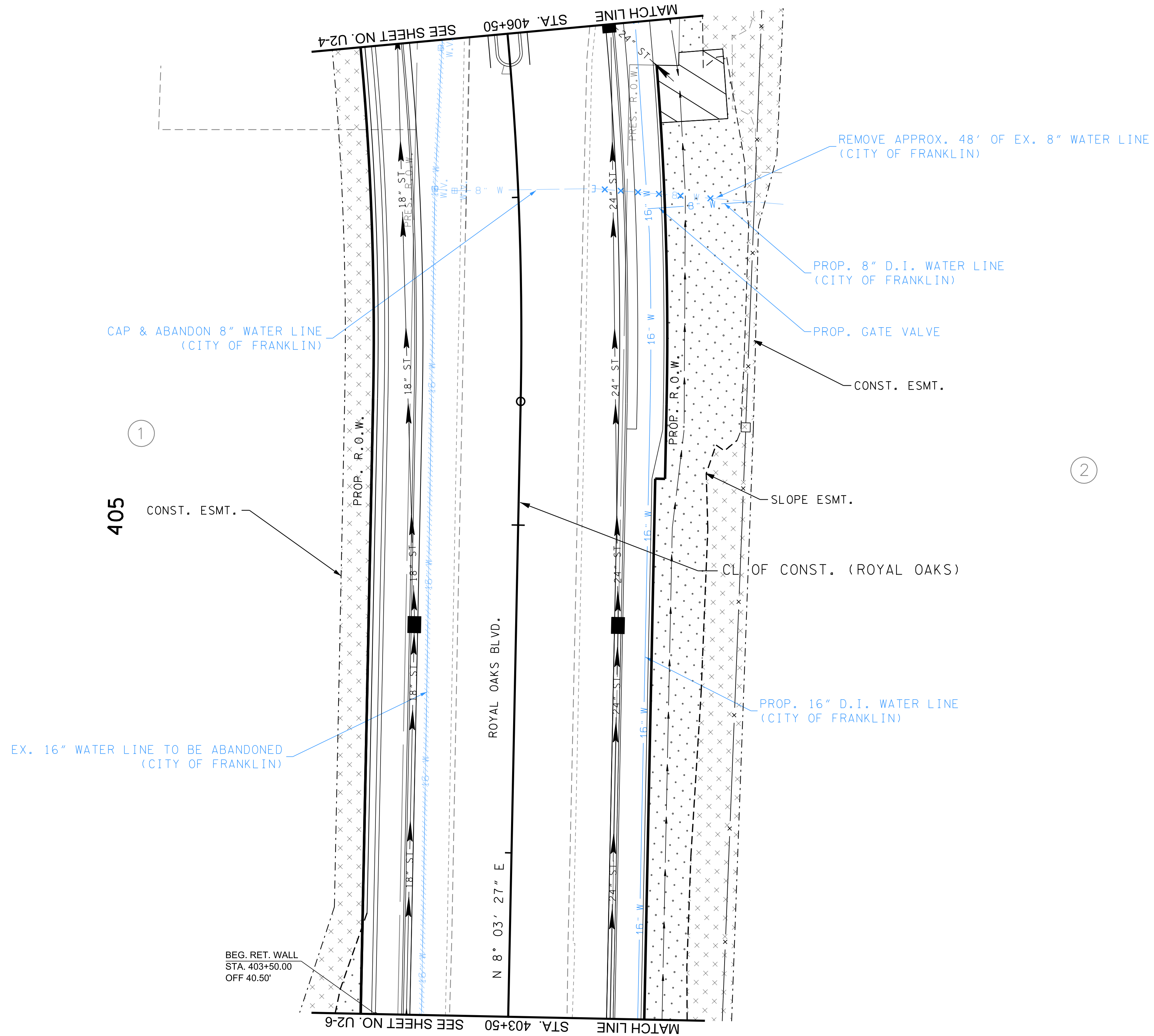
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CHECKED BY: _____

YEAR: 2023

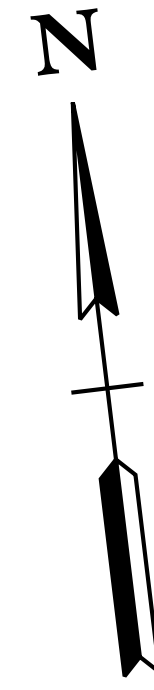
SHEET NO: U2-6

Page 333 of 554



UTILITY LEGEND

— — W — — — — EXISTING WATER
 — — — — W — — — — PROPOSED WATER

[illegible]

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

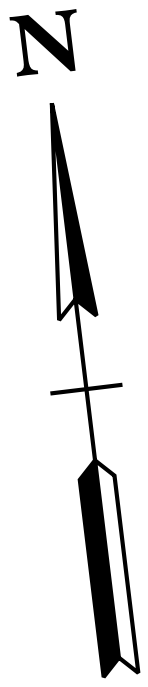
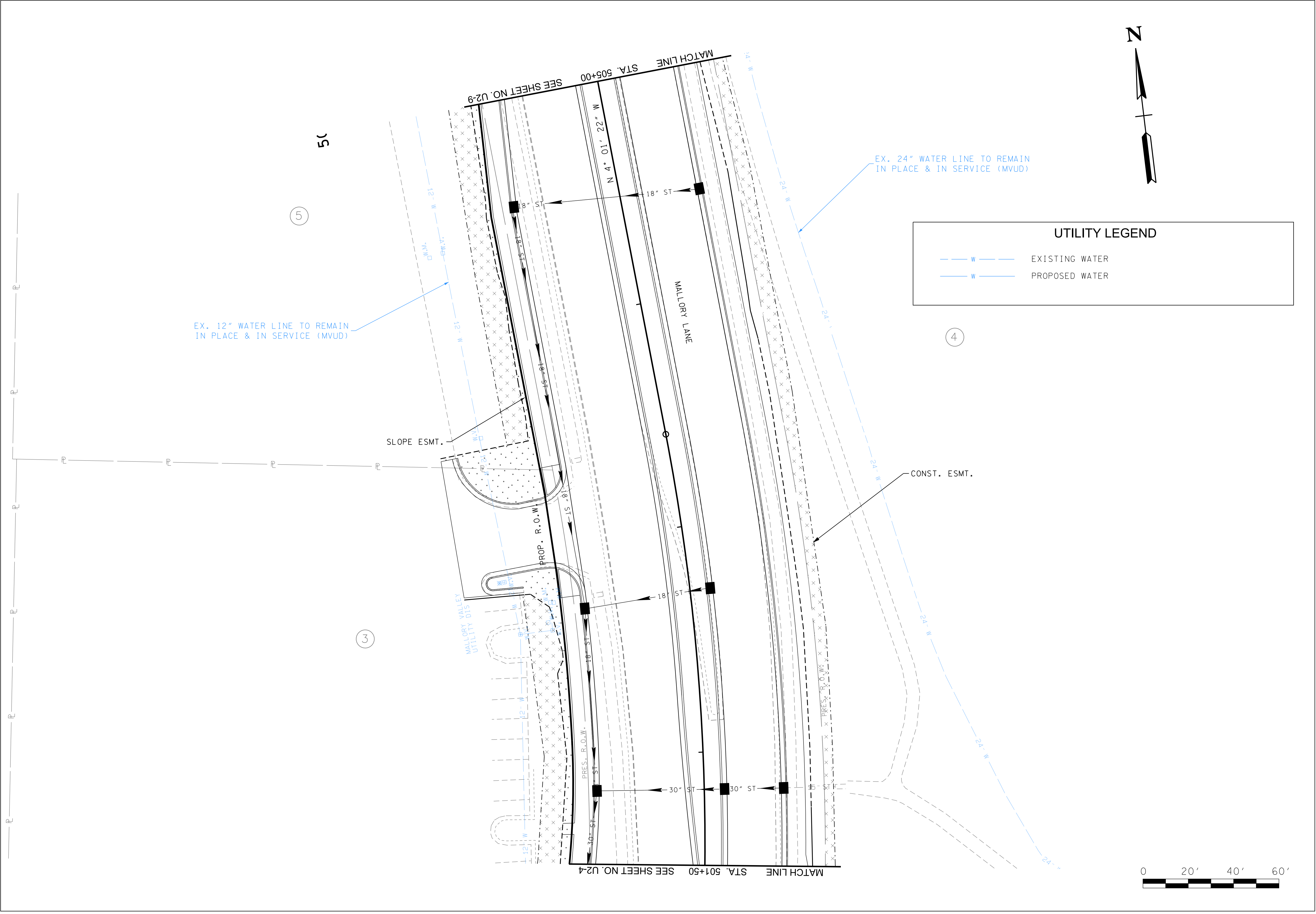
WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U2-7



UTILITY LEGEND

W

EXISTING WATER

W

PROPOSED WATER

REVISED		DESCRIPTION	
NO	DATE	BY	

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.

SUITE 230-1, BRENTWOOD, TN 37027

PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

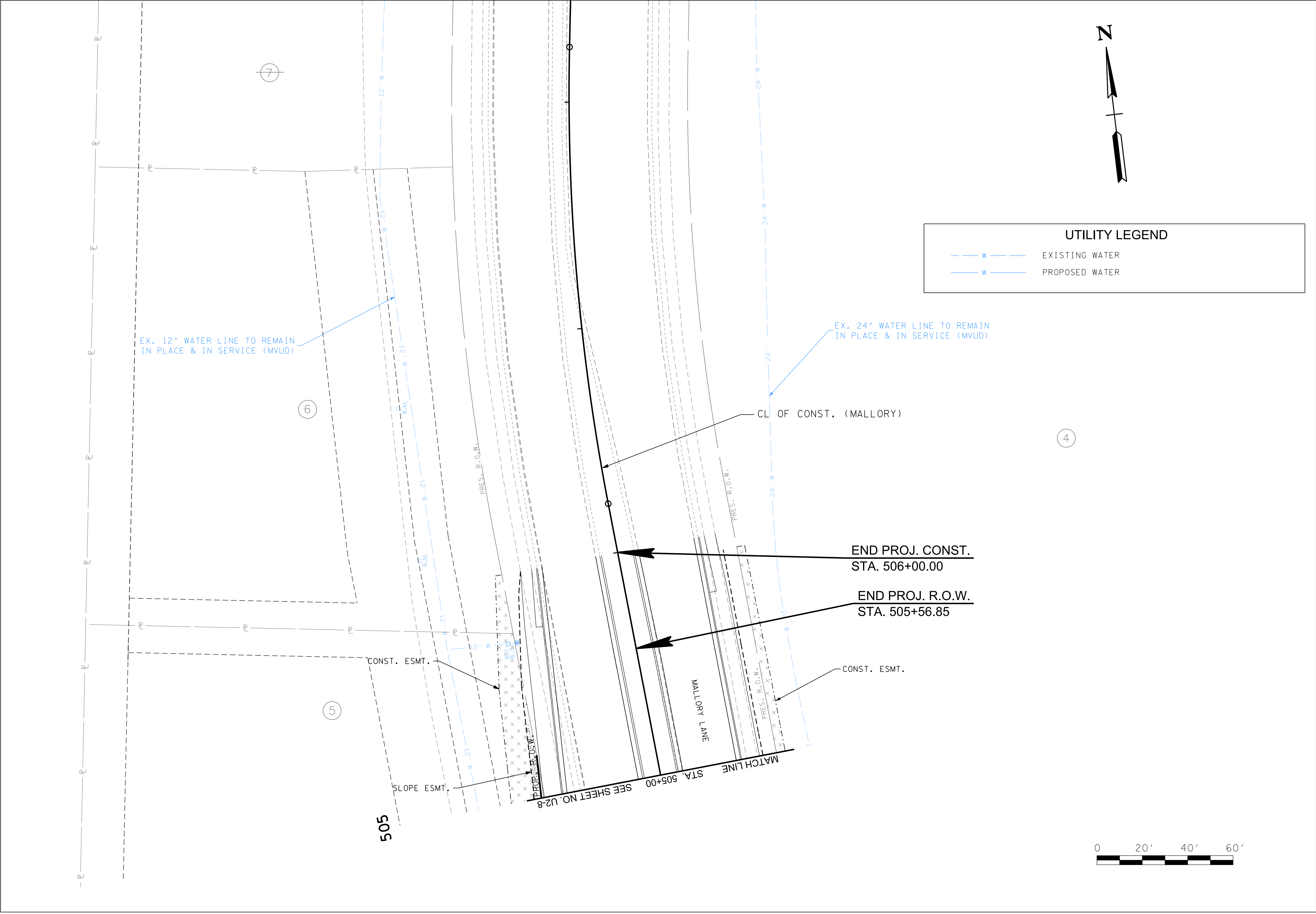
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SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U2-8



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

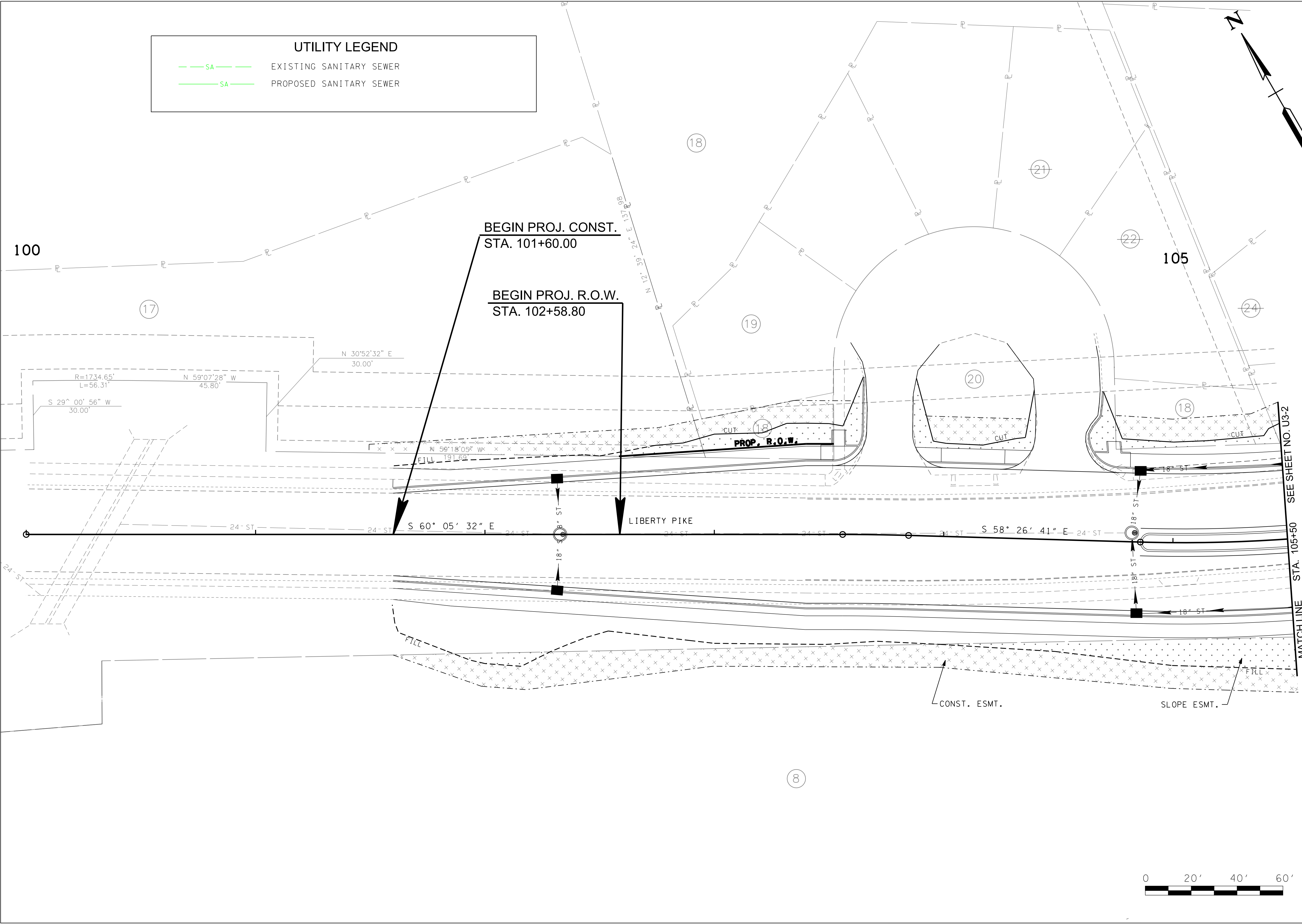
WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U2-9



REVISIONS			
NO.	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
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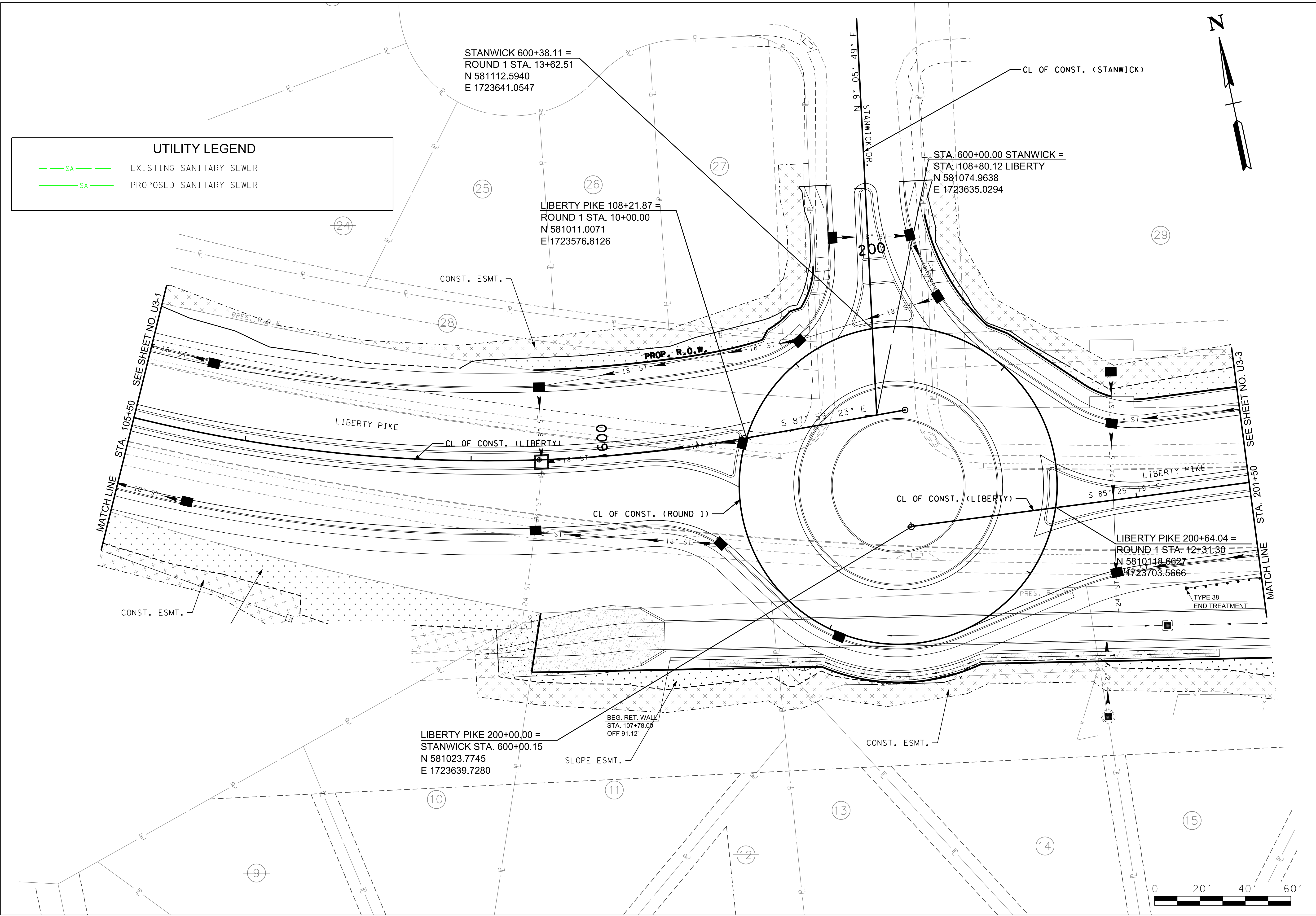
SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U3-1



UTILITY LEGEND

— SA —

EXISTING SANITARY SEWER

— SA —

PROPOSED SANITARY SEWER

REVISIONS		DESCRIPTION	
NO	DATE	BY	

SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

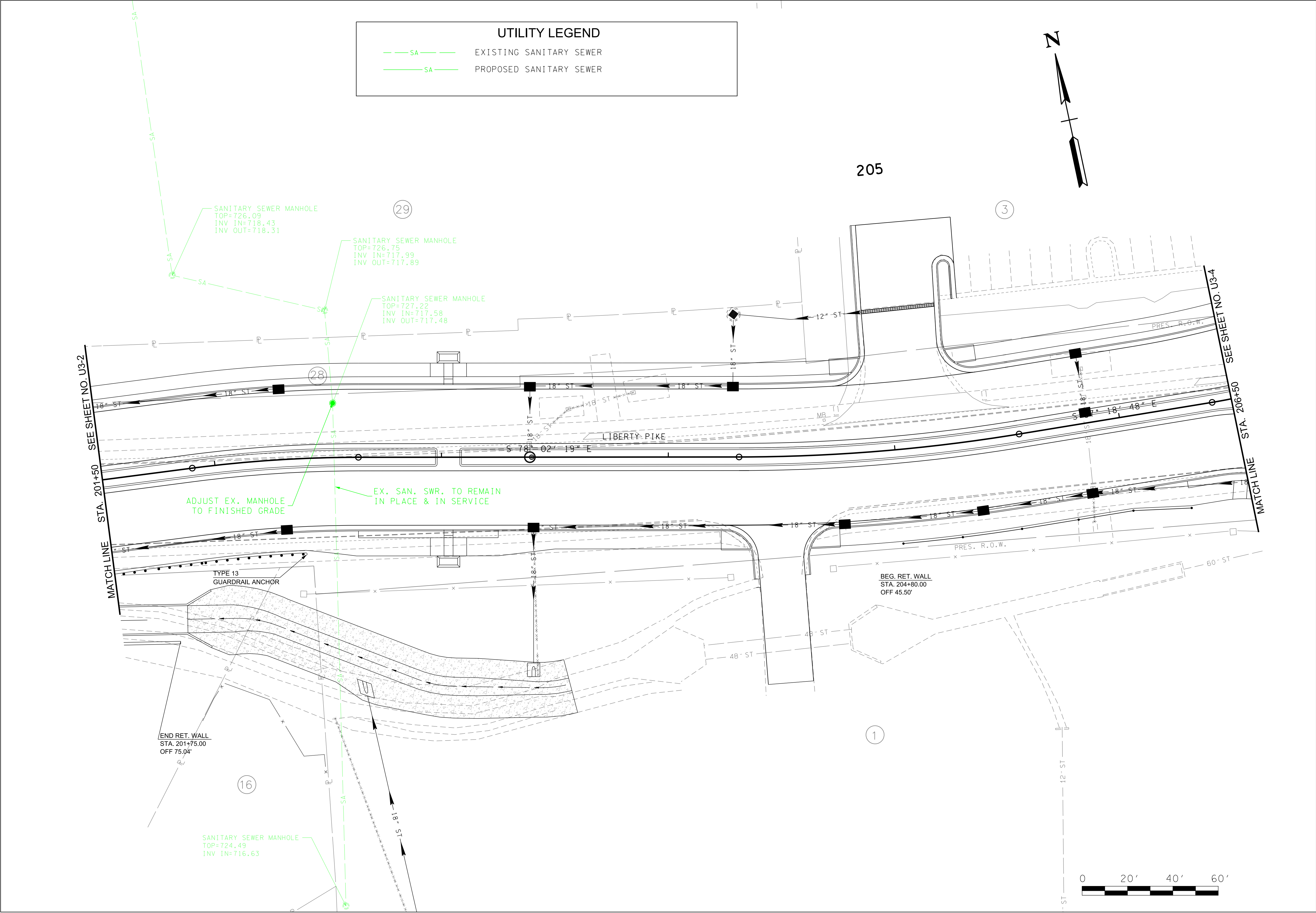
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YEAR: 2023

SHEET NO:U3-2

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



UTILITY LEGEND

SA

EXISTING SANITARY SEWER

SA

PROPOSED SANITARY SEWER

REVISIONS		DESCRIPTION	
NO	DATE	BY	

SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

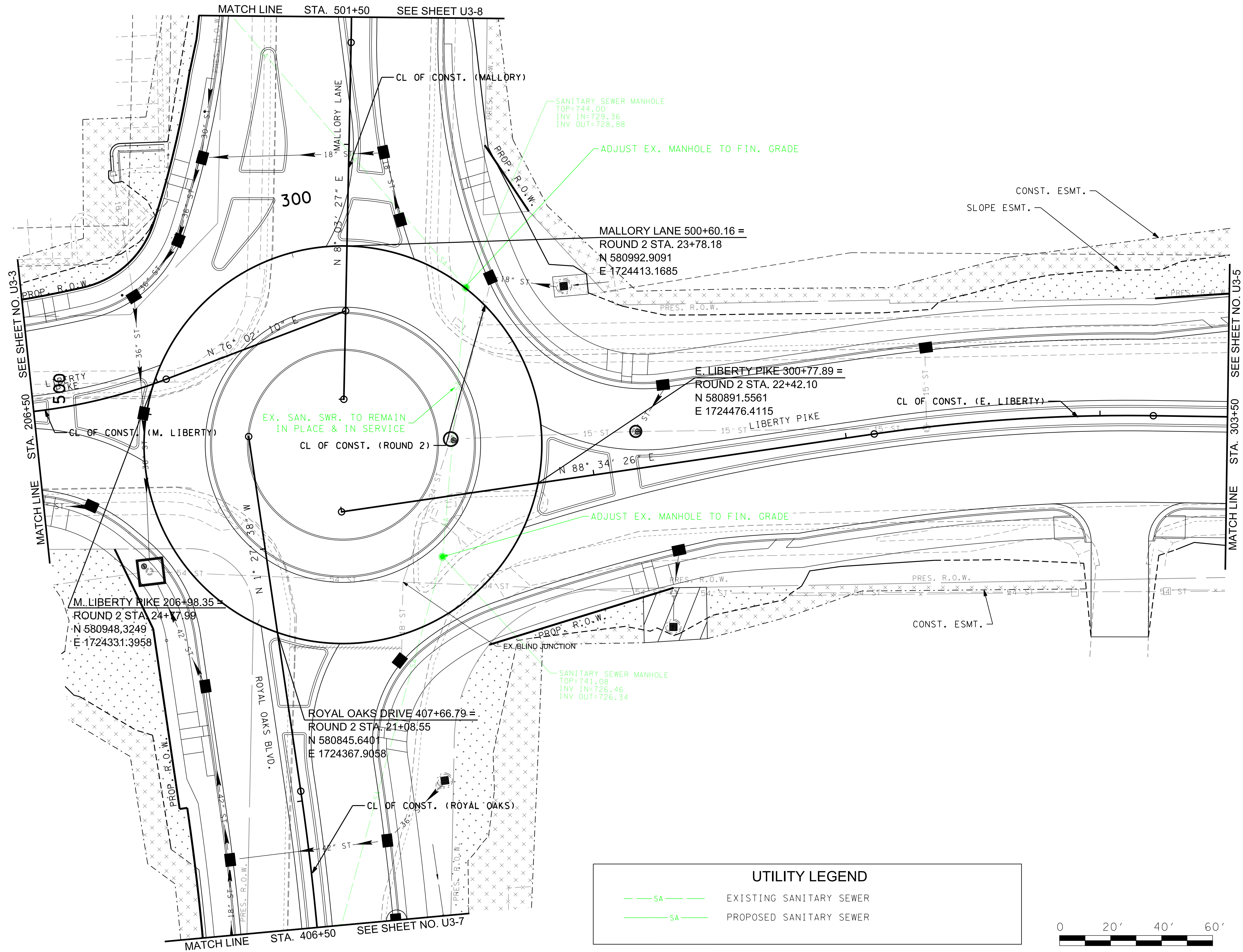
SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: U3-3

Page 339 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

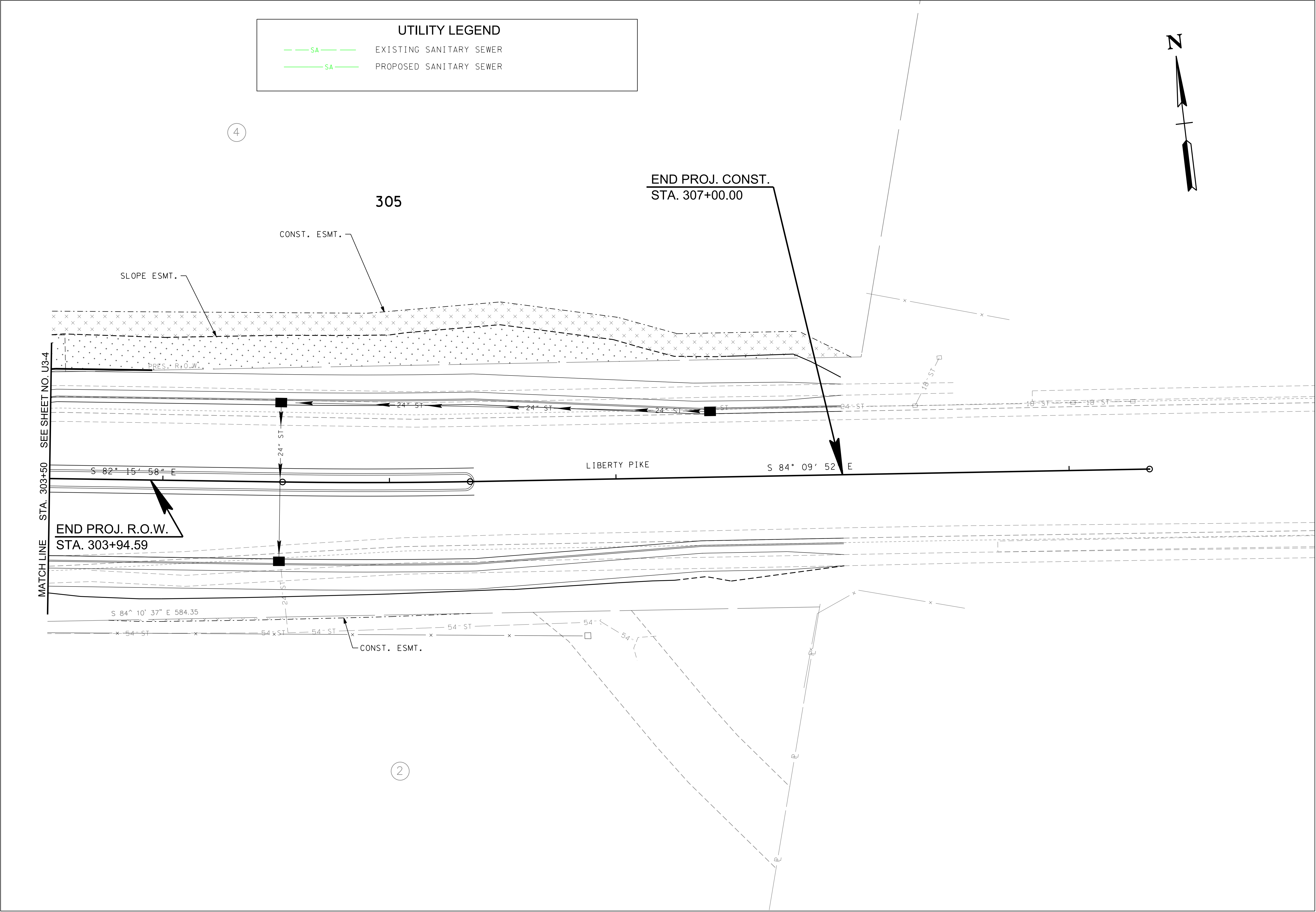
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U3-4

Page 340 of 554



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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SUITE 230-1, BRENTWOOD, TN 37027
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SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

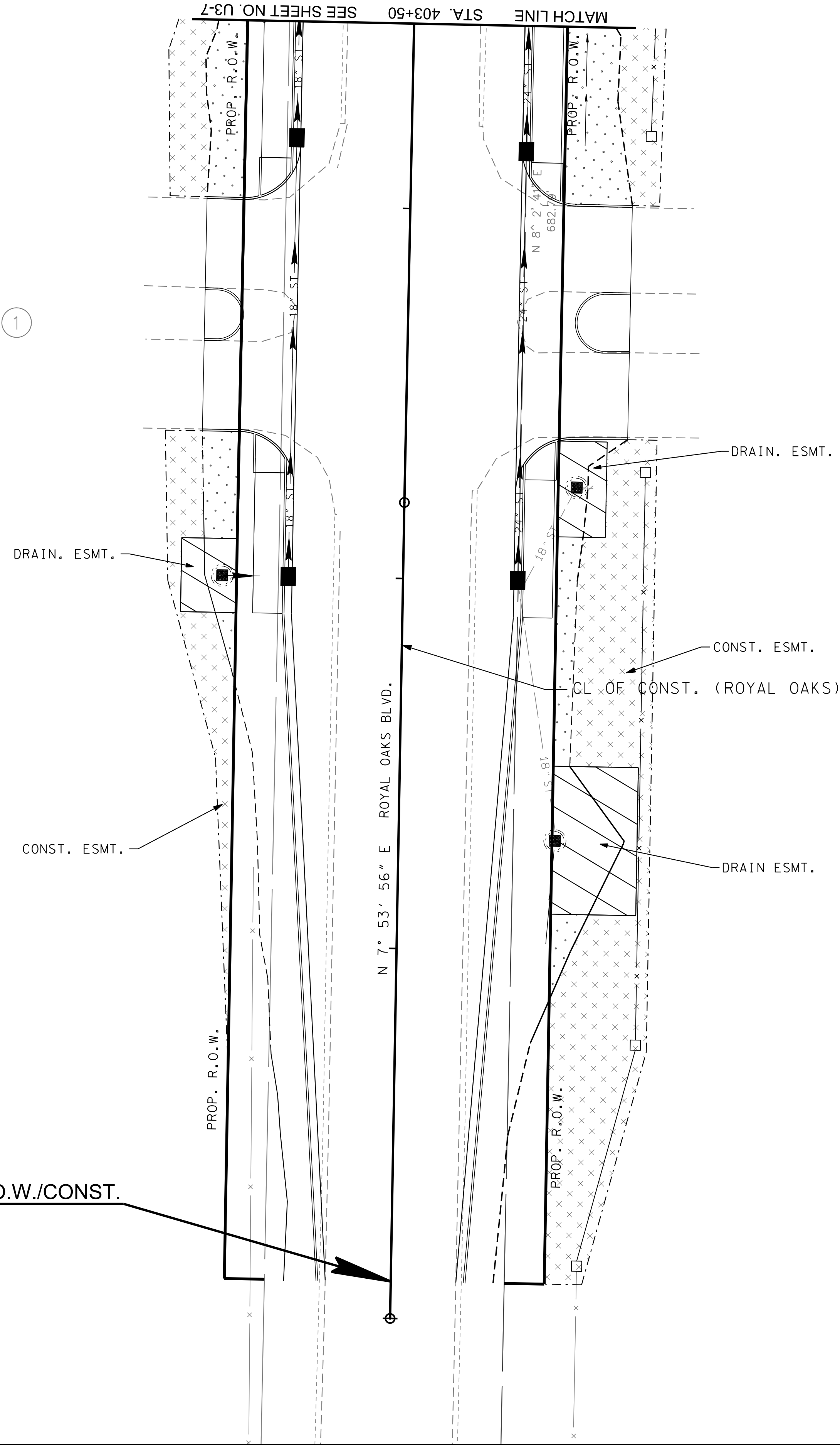
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DRAWN BY: _____
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YEAR: 2023

SHEET NO: U3-5

BEGIN PROJ. R.O.W./CONST.
STA. 400+10.00

400



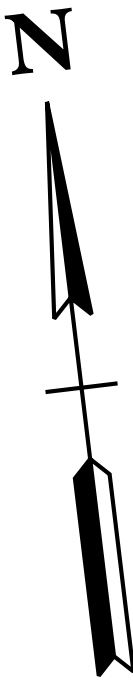
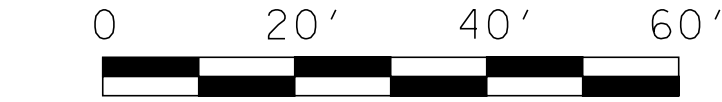
UTILITY LEGEND

SA

EXISTING SANITARY SEWER

SA

PROPOSED SANITARY SEWER



SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

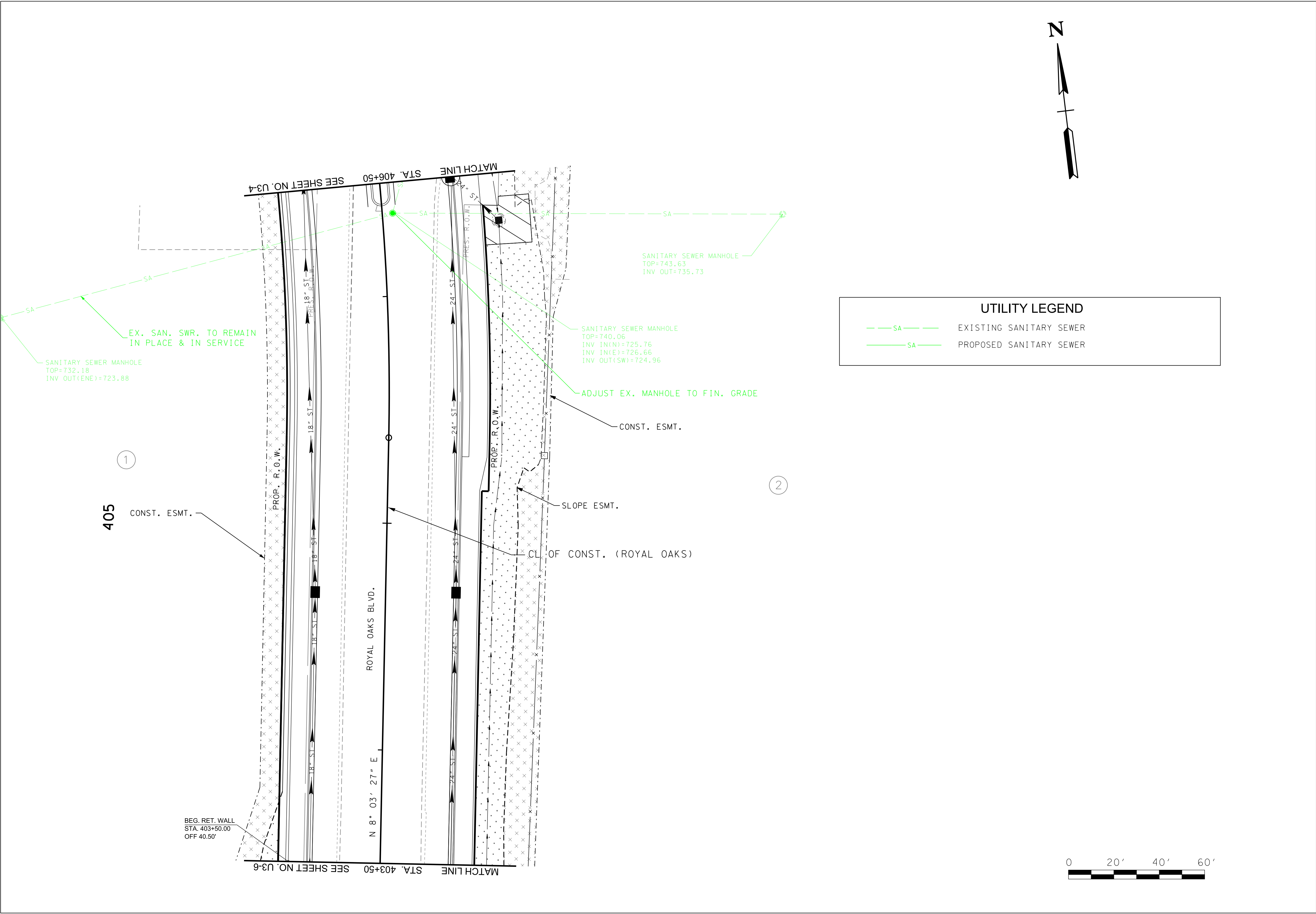
SHEET NO: U3-6

VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS	
NO	DATE BY DESCRIPTION

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REVISIONS		NO	DATE	BY	DESCRIPTION

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

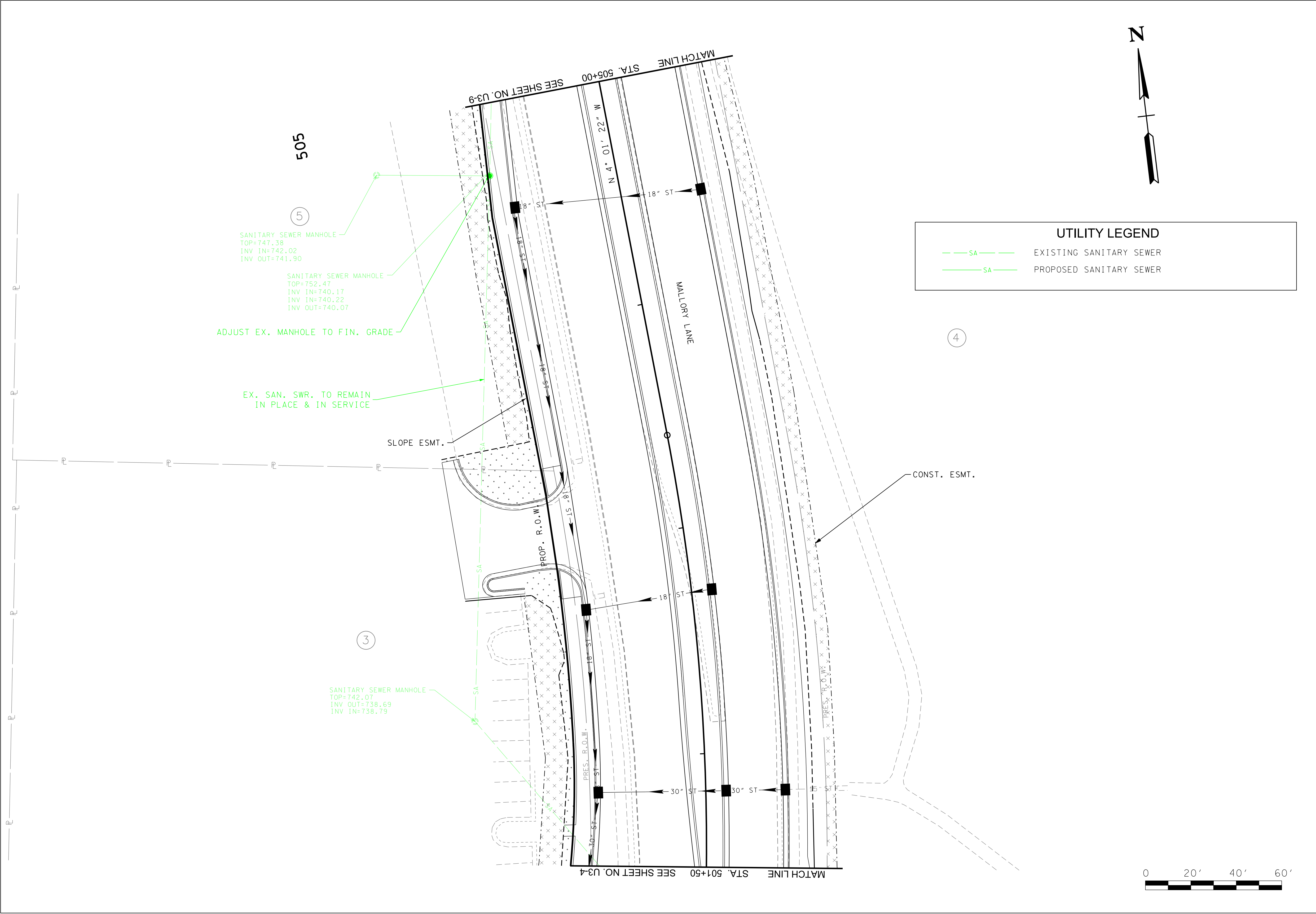
SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
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YEAR: 2023

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SUITE 230-1, BRENTWOOD, TN 37027
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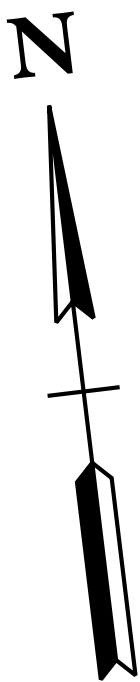
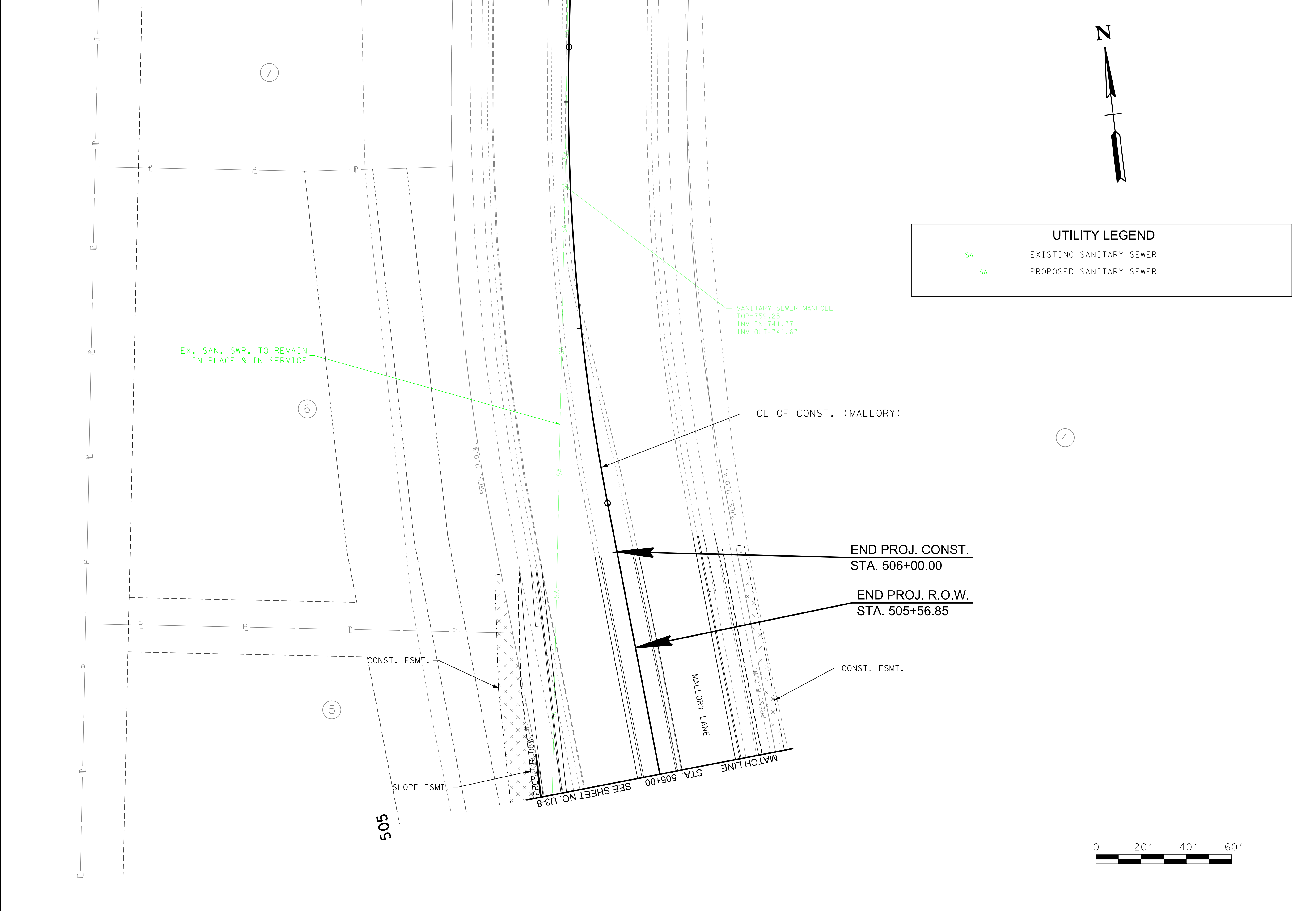
SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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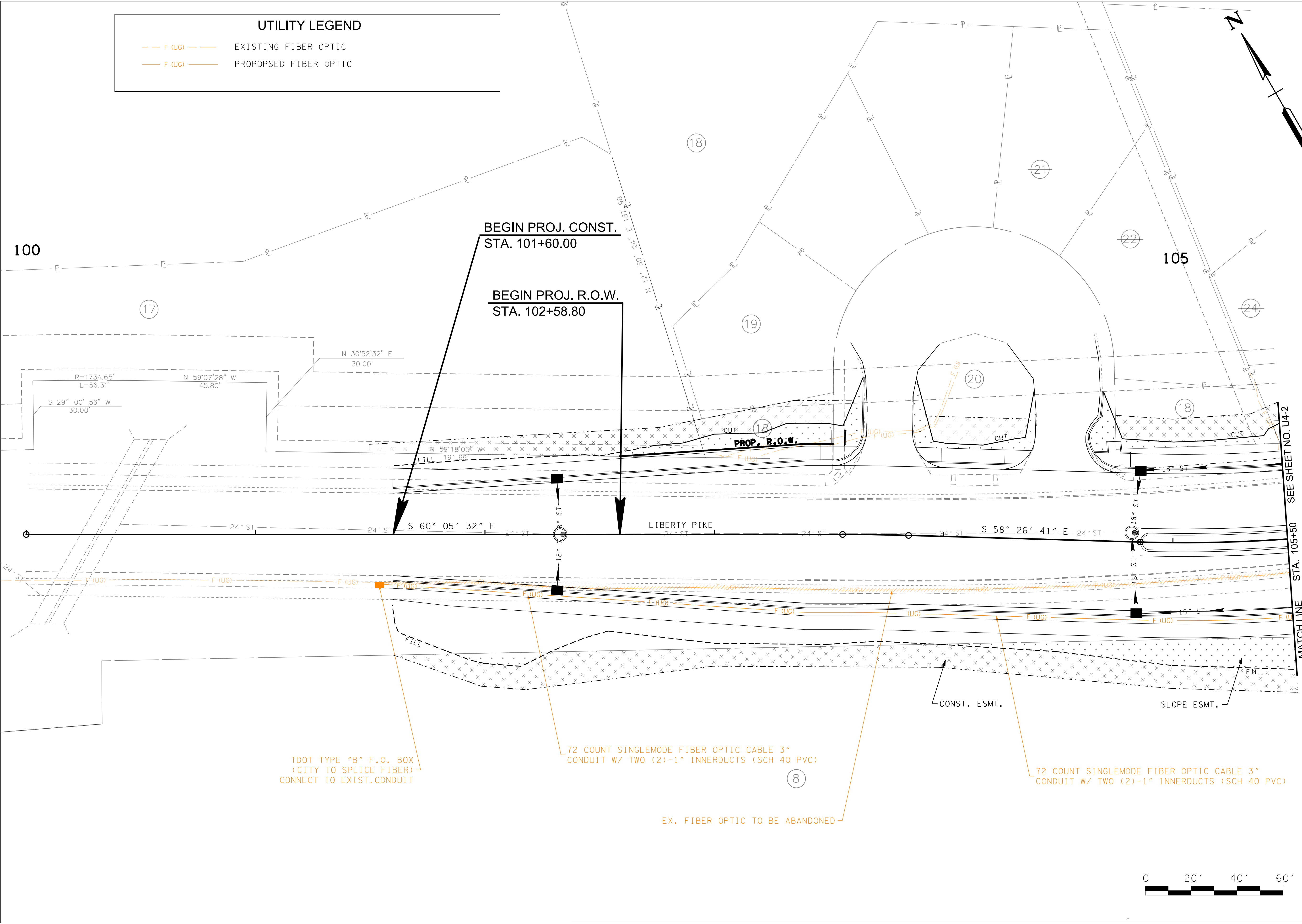
SANITARY SEWER UTILITY RELOCATION
PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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YEAR: 2023

SHEET NO:U3-9



REVISIONS		NO	DATE	BY	DESCRIPTION

FIBER OPTIC UTILITY RELOCATION PLAN

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

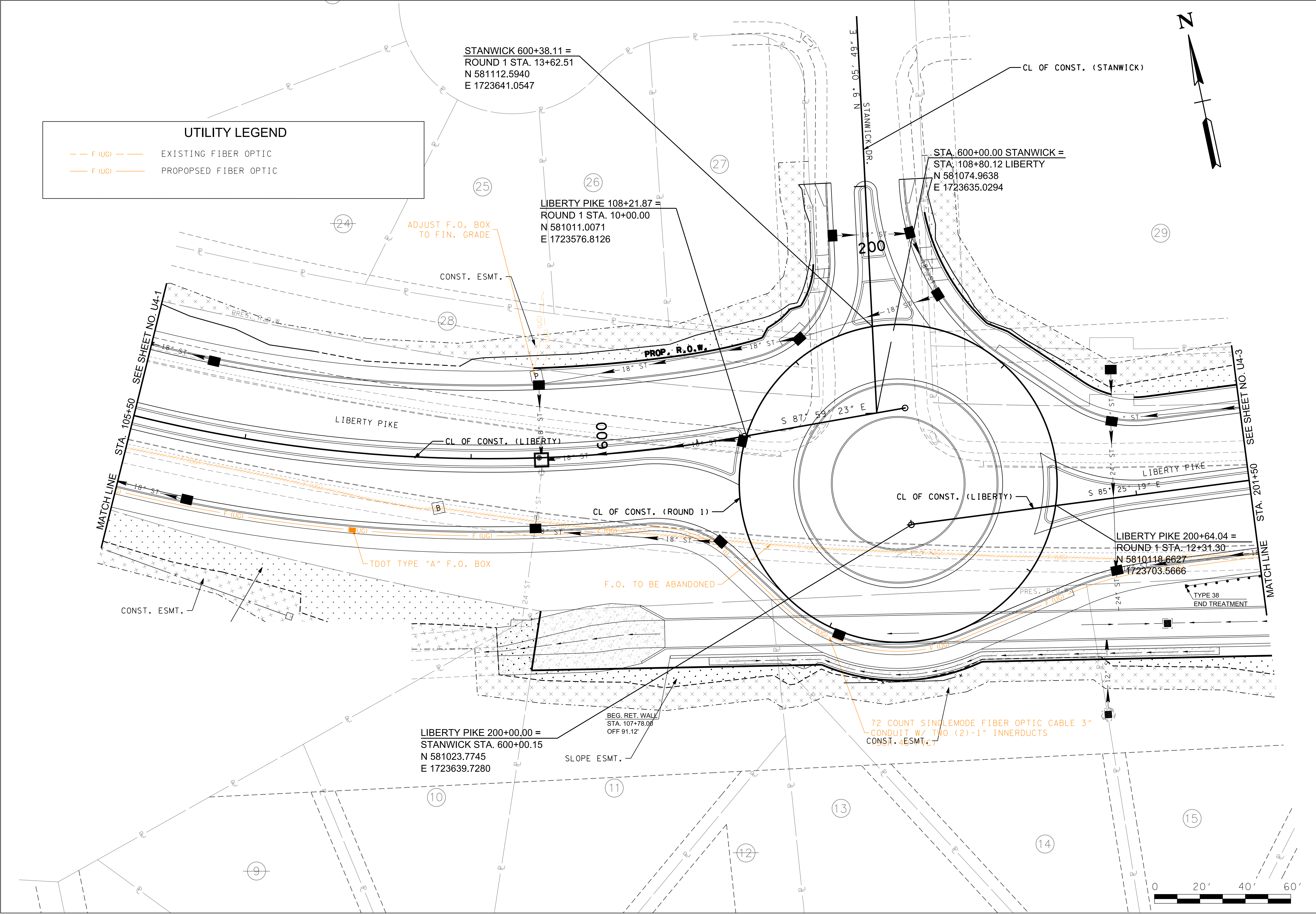
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
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YEAR: 2023

SHEET NO: U4-1

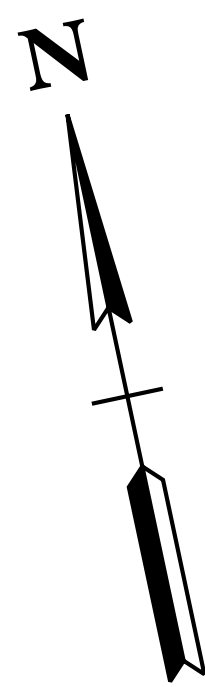
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UTILITY LEGEND

--- F (UG) --- EXISTING FIBER OPTIC

--- F (UG) --- PROPOSED FIBER OPTIC



29

SEE SHEET NO. U4-3

15



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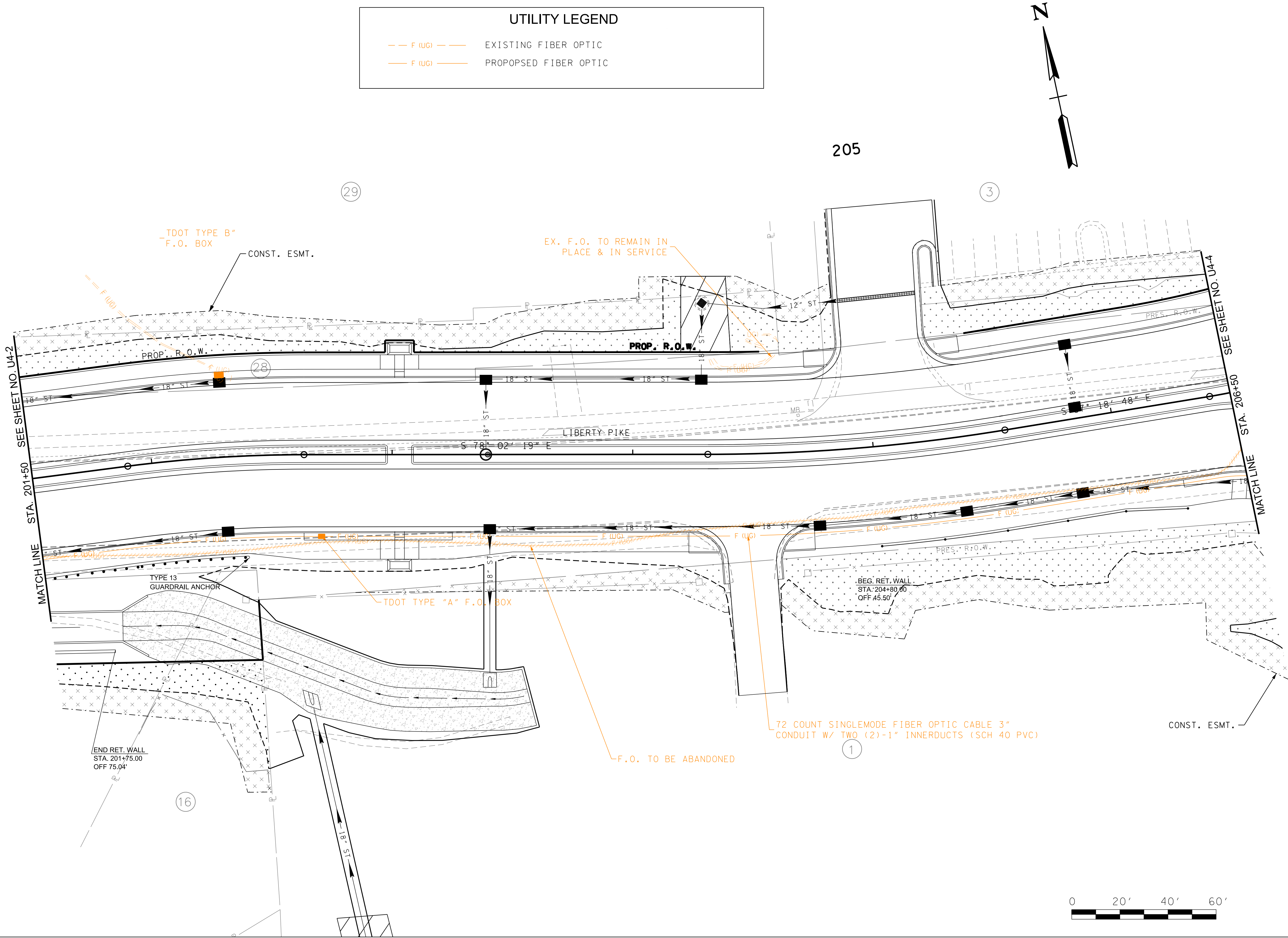
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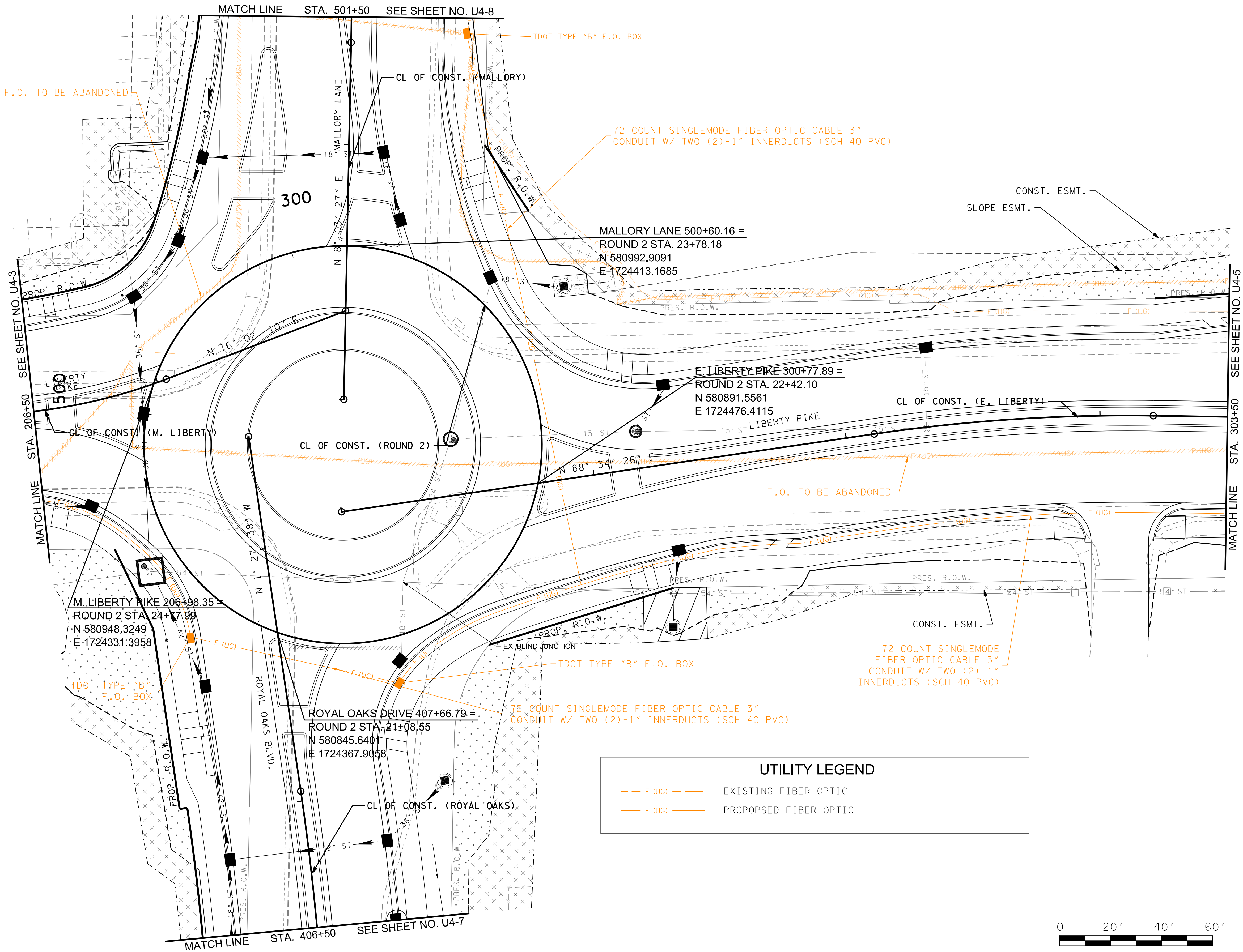
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FRANKLIN, TENNESSEE

DATE: _____
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CHECKED BY: _____

YEAR: 2023

SHEET NO:U4-2





UTILITY LEGEND

F (UG)

EXISTING FIBER OPTIC

F (UG)

PROPOSED FIBER OPTIC



REVISIONS		DESCRIPTION	
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FIBER OPTIC UTILITY RELOCATION PLAN

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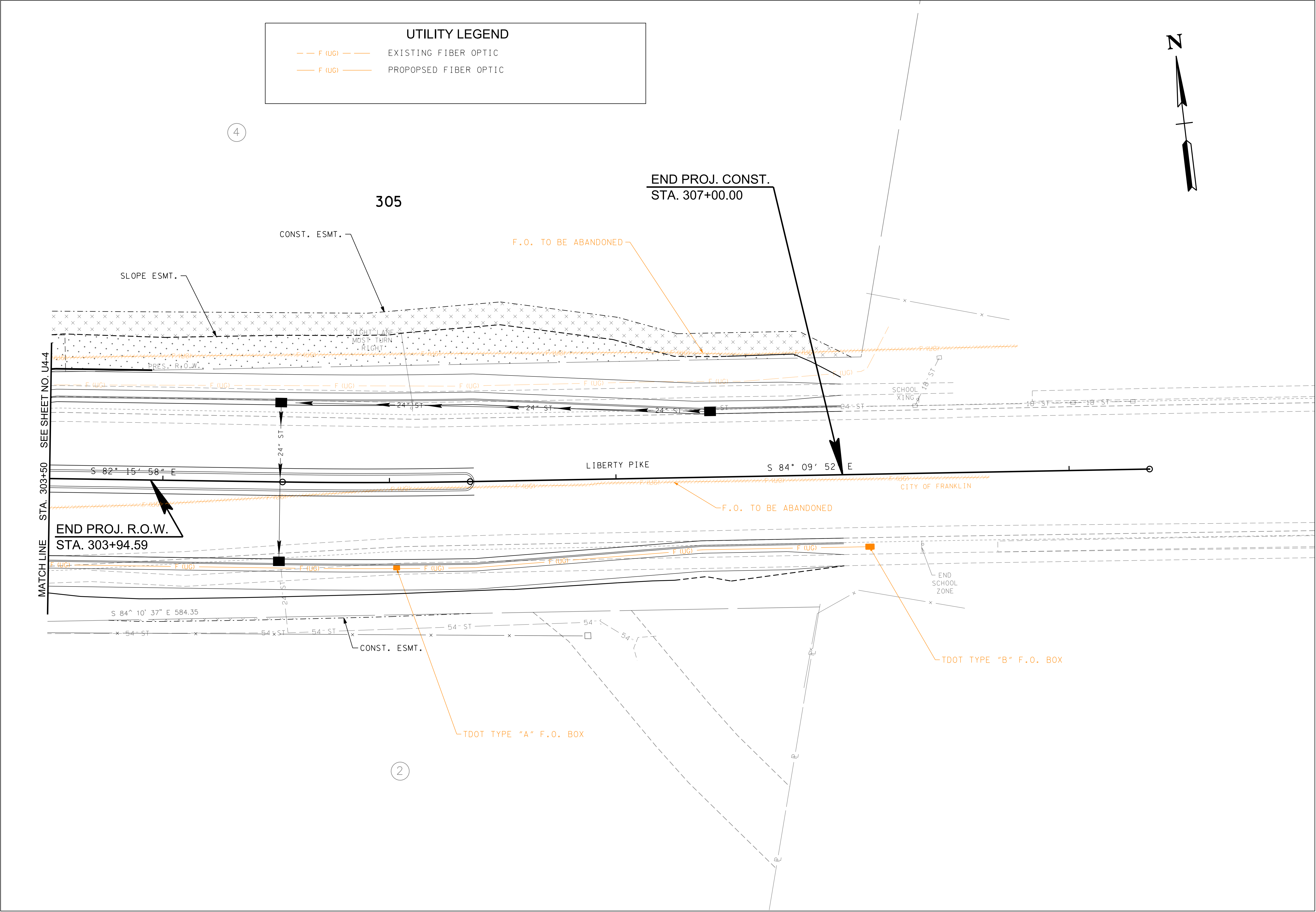
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YEAR: 2023

SHEET NO: U4-4



UTILITY LEGEND

F (UG)

EXISTING FIBER OPTIC

F (UG)

PROPOSED FIBER OPTIC

REVISIONS		DESCRIPTION	
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FIBER OPTIC UTILITY RELOCATION PLAN

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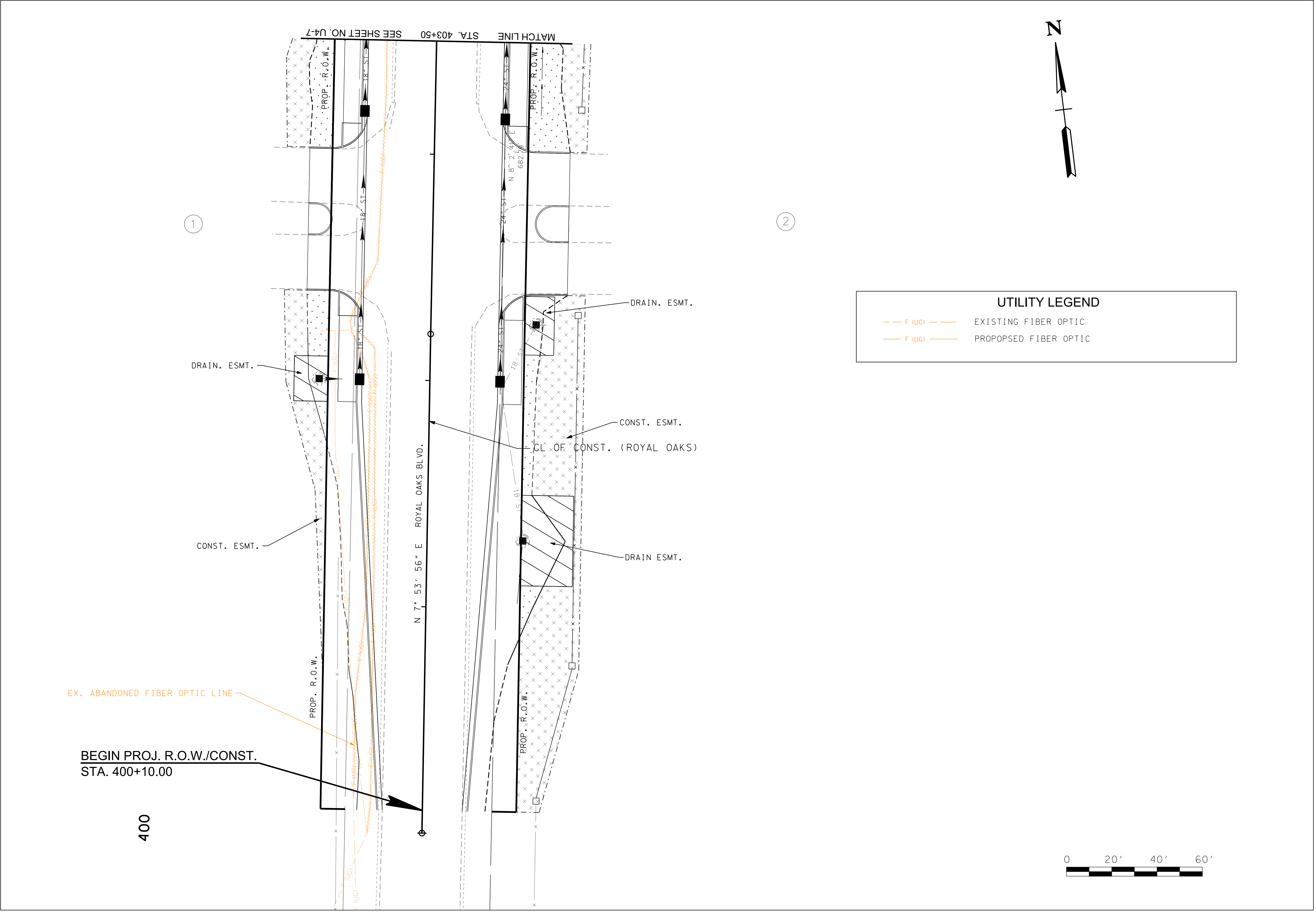
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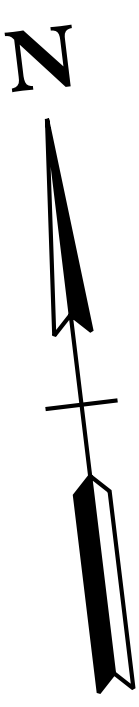
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UTILITY LEGEND

---	F (UG)	---	EXISTING FIBER OPTIC
---	F (UG)	---	PROPOSED FIBER OPTIC



REVISIONS

NO	DATE	BY	DESCRIPTION

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FIBER OPTIC UTILITY RELOCATION PLAN

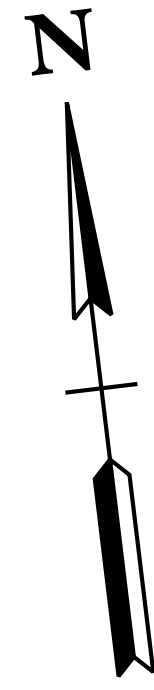
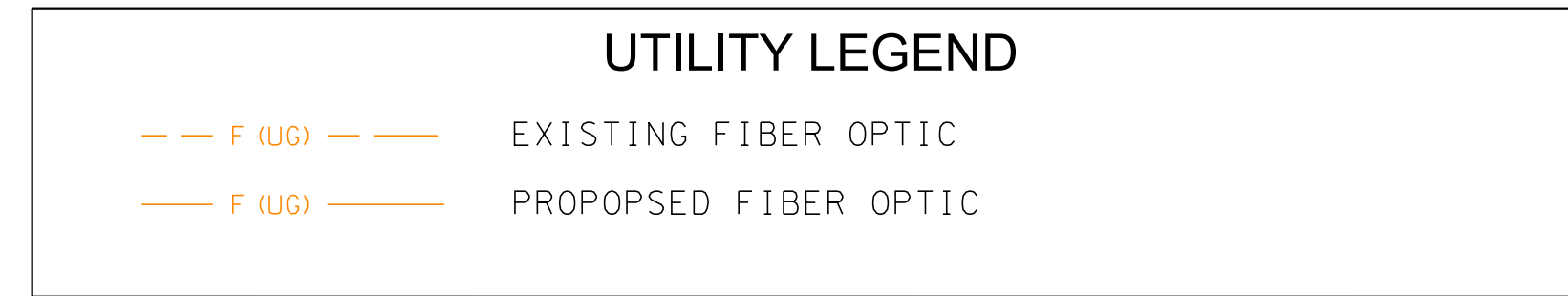
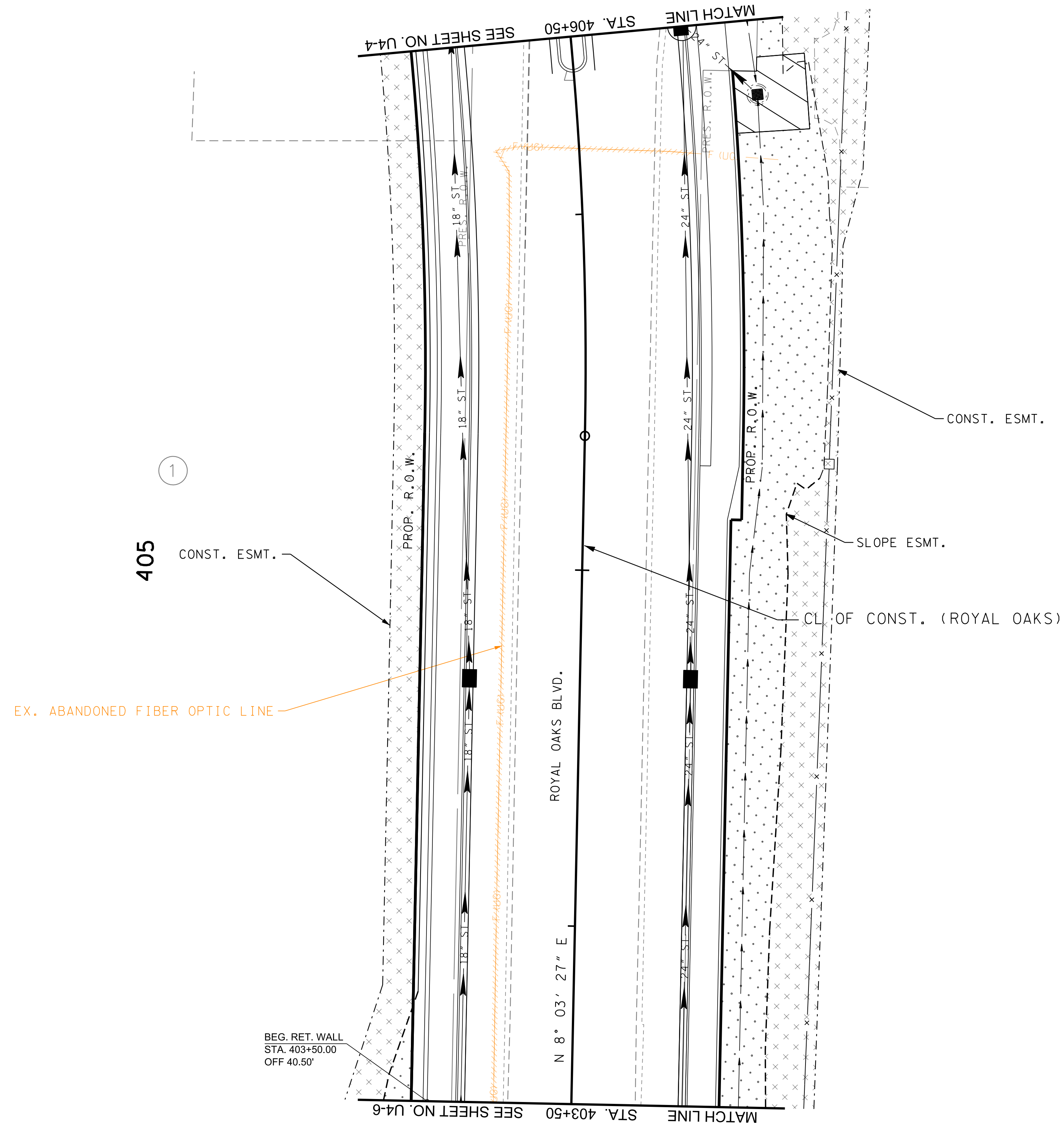
MALLORY LANE / LIBERTY PIKE
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FIBER OPTIC UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

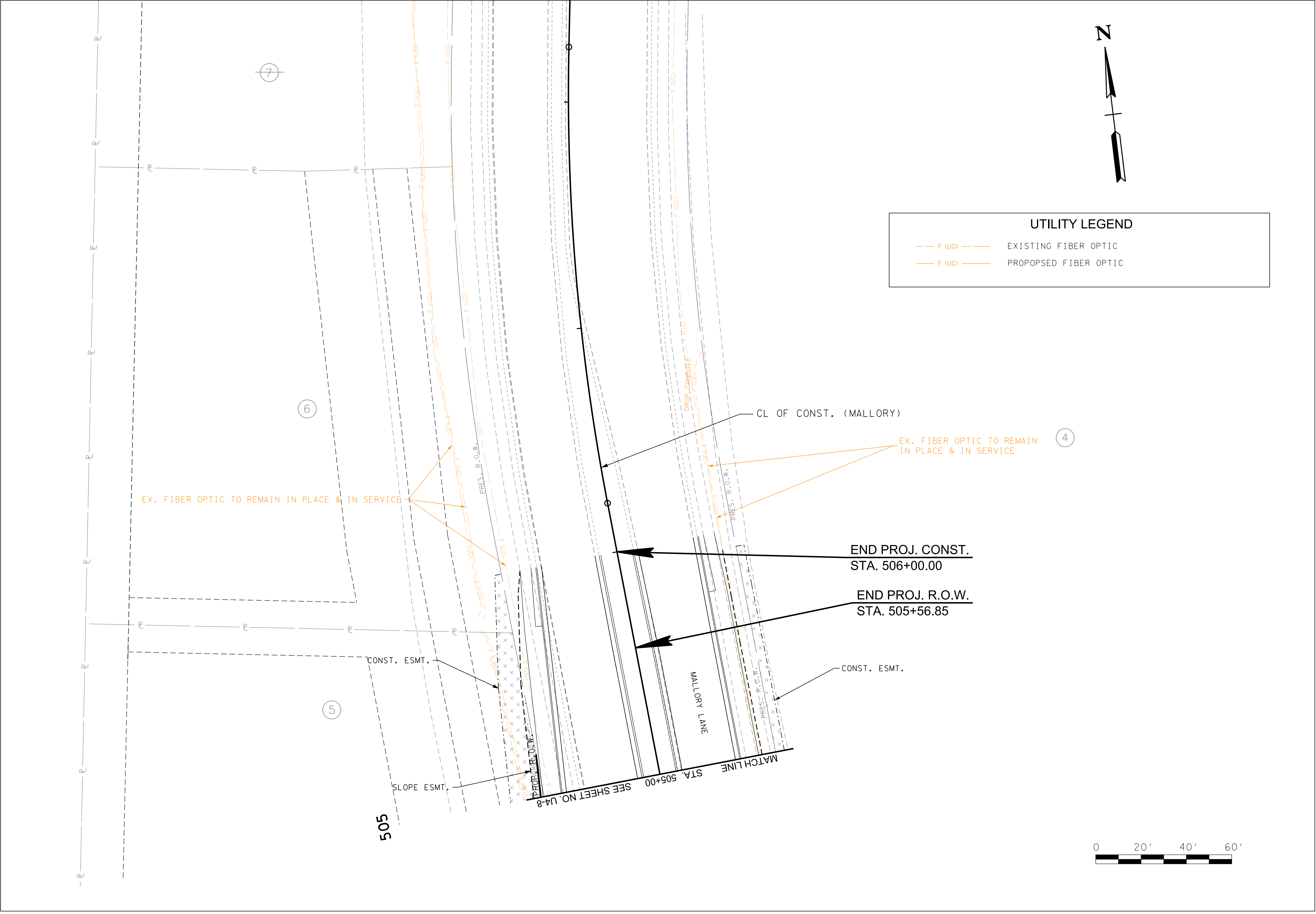
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UTILITY LEGEND

F (UG)

F (UG)

EXISTING FIBER OPTIC

PROPOSED FIBER OPTIC

REVISIONS		DESCRIPTION	
NO	DATE	BY	

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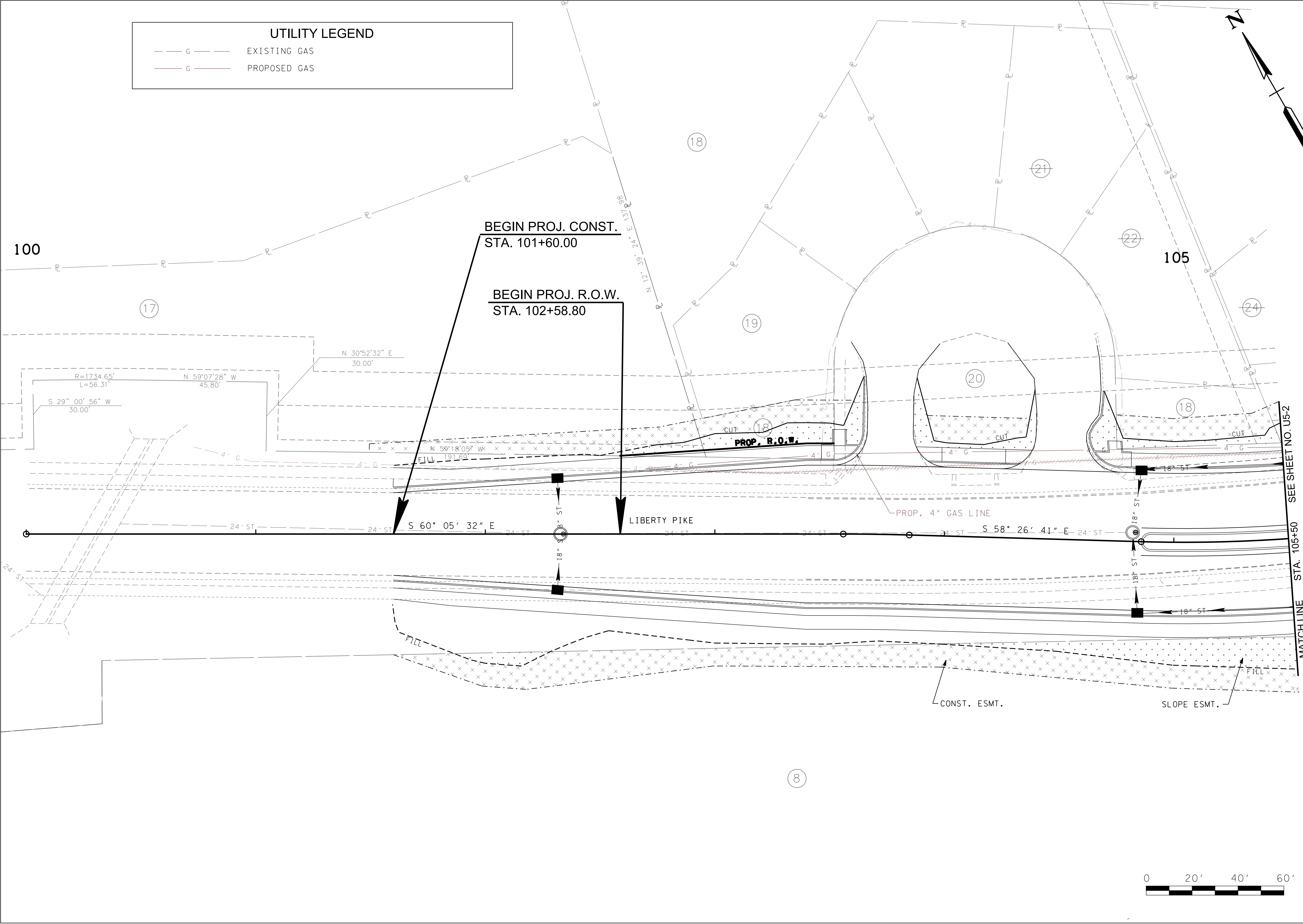
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MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
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CHECKED BY: _____

YEAR: 2023

SHEET NO:U4-9



UTILITY LEGEND

G

EXISTING GAS

G

PROPOSED GAS

REVISIONS		DESCRIPTION	
NO	DATE	BY	

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GAS UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

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YEAR: 2023

SHEET NO: U5-1

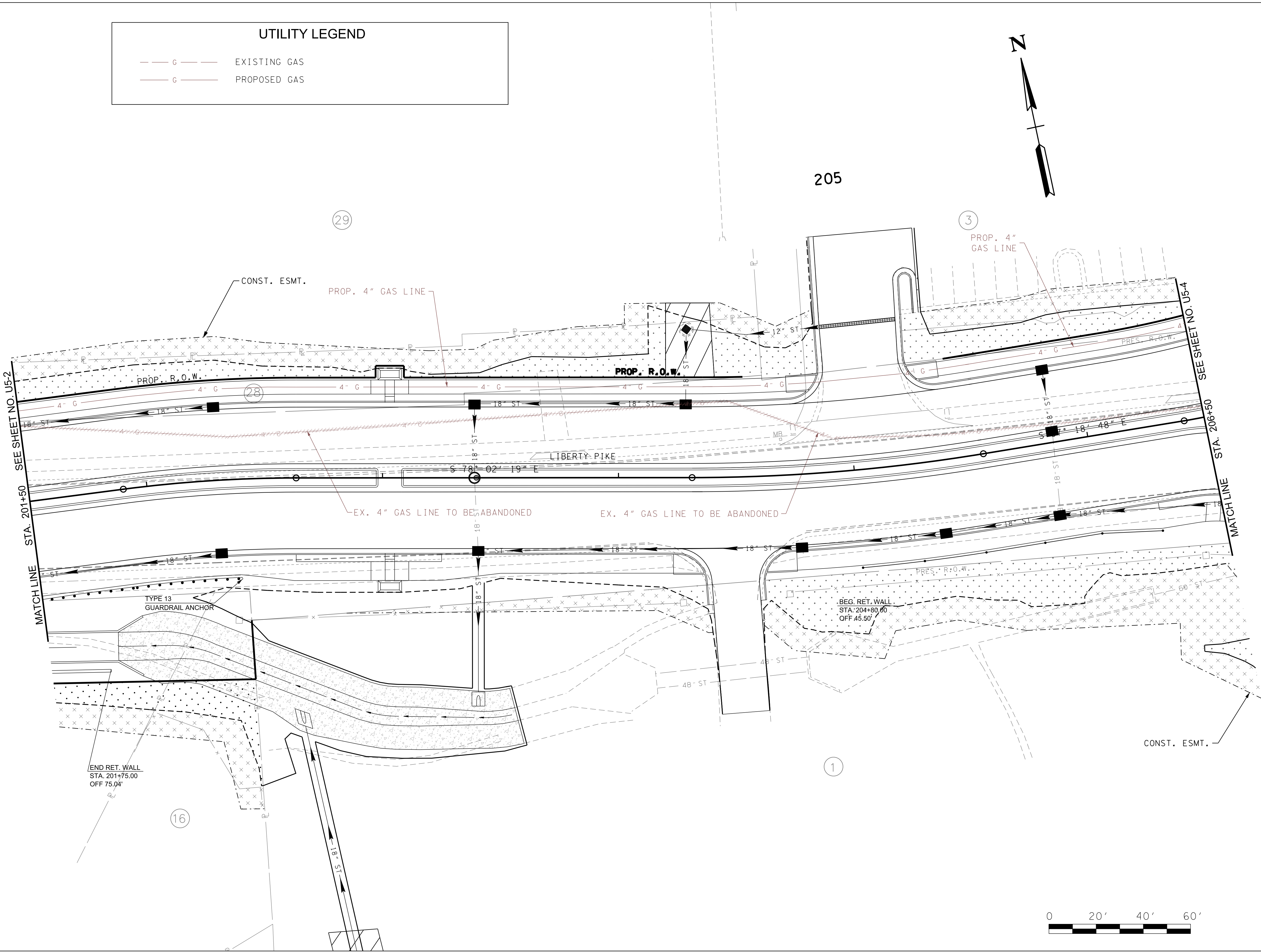
UTILITY LEGEND

G

EXISTING GAS

G

PROPOSED GAS



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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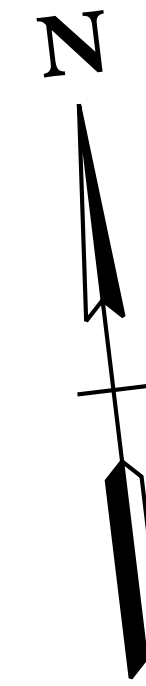
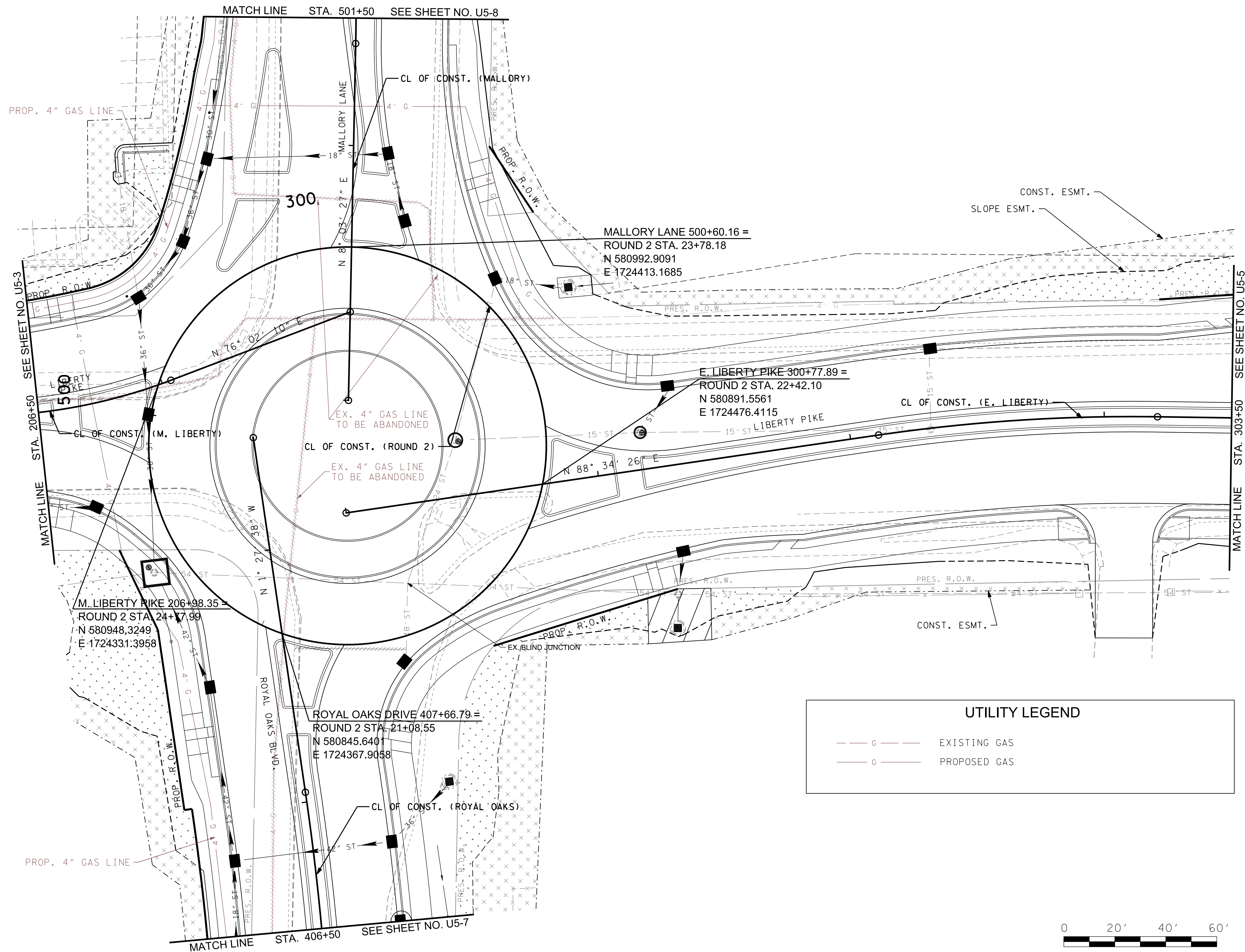
GAS UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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GAS UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
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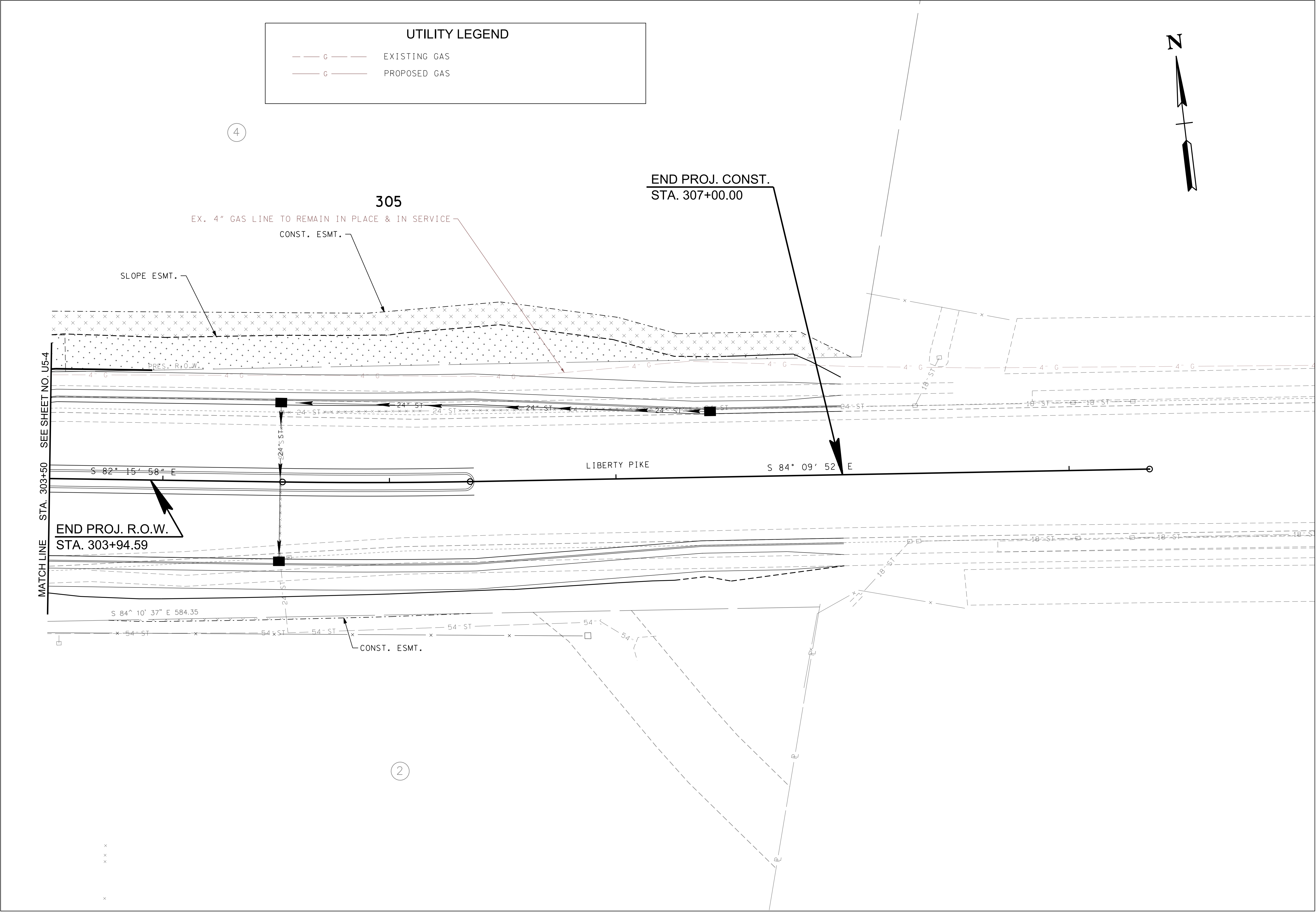
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YEAR: 2023

SHEET NO:U5-4



UTILITY LEGEND

G

EXISTING GAS

G

PROPOSED GAS

REVISIONS		DESCRIPTION	
NO	DATE	BY	

GAS UTILITY RELOCATION PLAN

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
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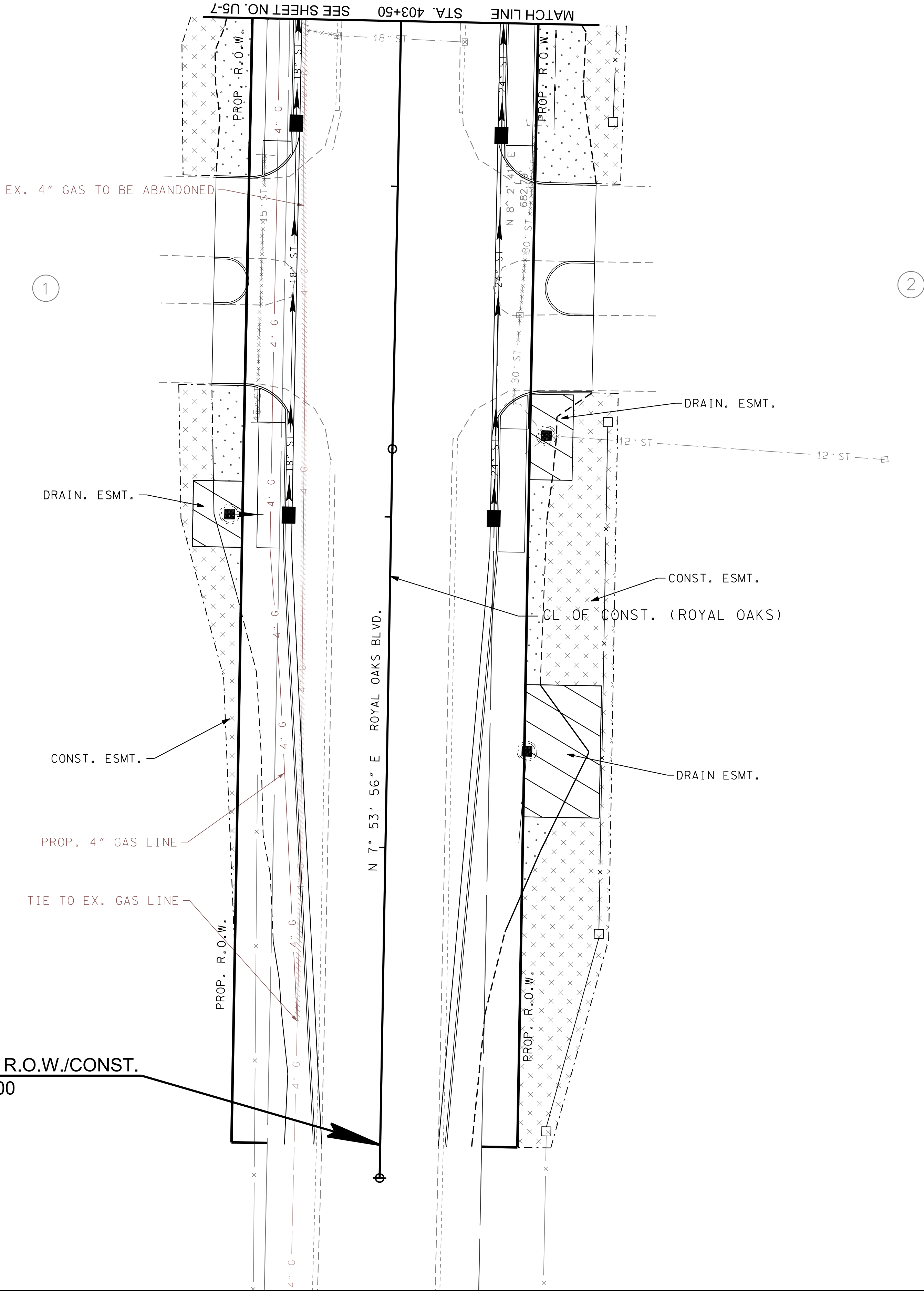
MALLORY LANE / LIBERTY PIKE
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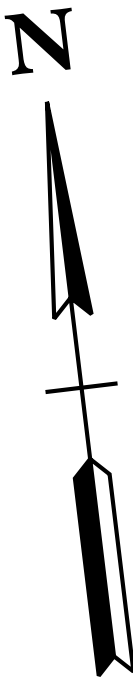
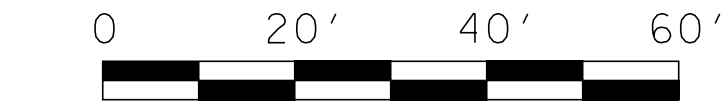
UTILITY LEGEND

— G —

EXISTING GAS

— G —

PROPOSED GAS



GAS UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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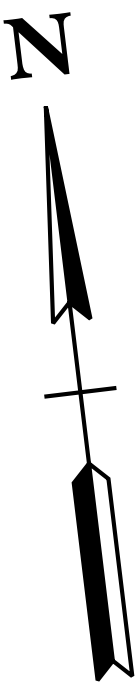
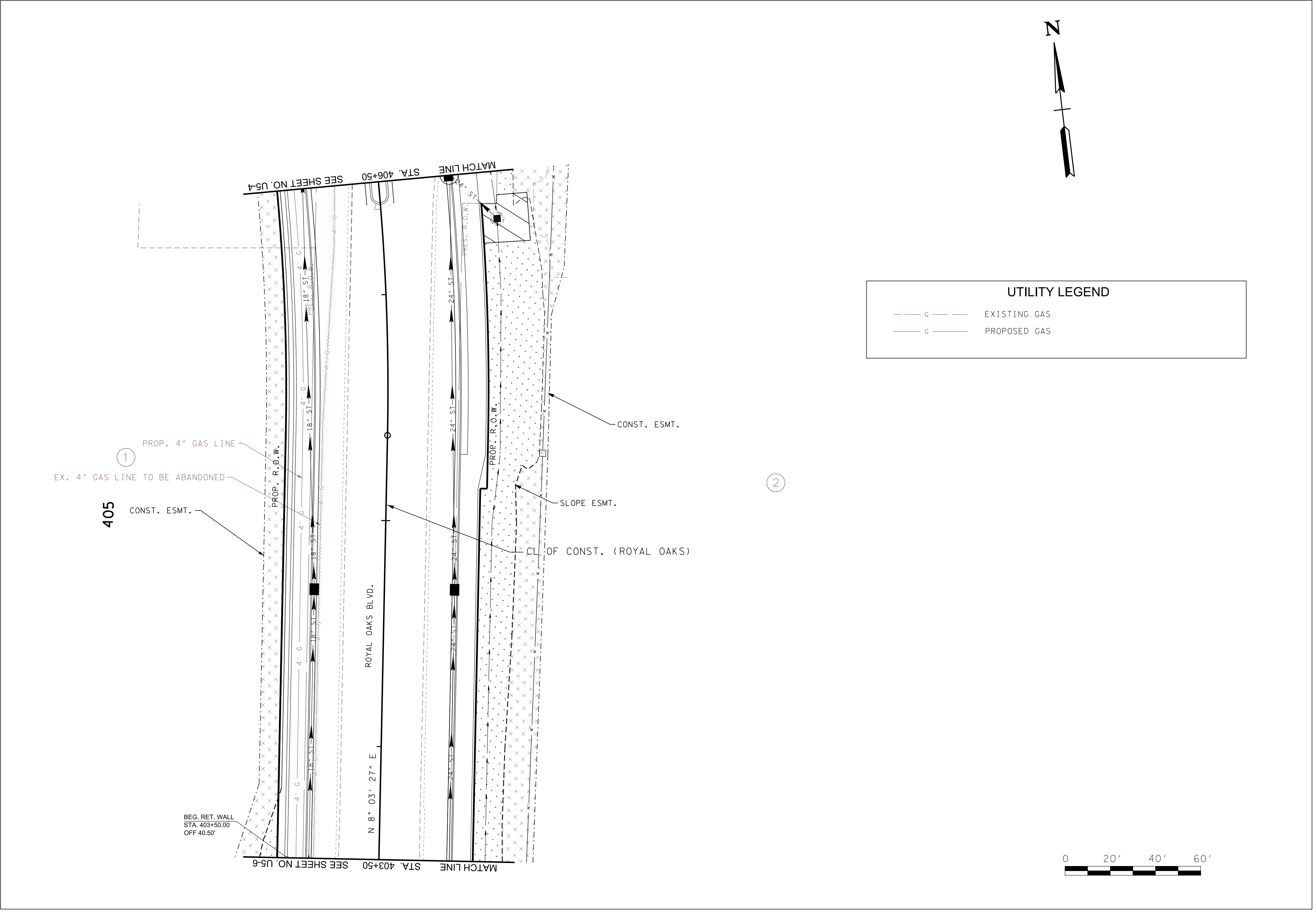
YEAR: 2023

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UTILITY LEGEND

---	G	---	EXISTING GAS
---	G	---	PROPOSED GAS

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GAS UTILITY RELOCATION PLAN

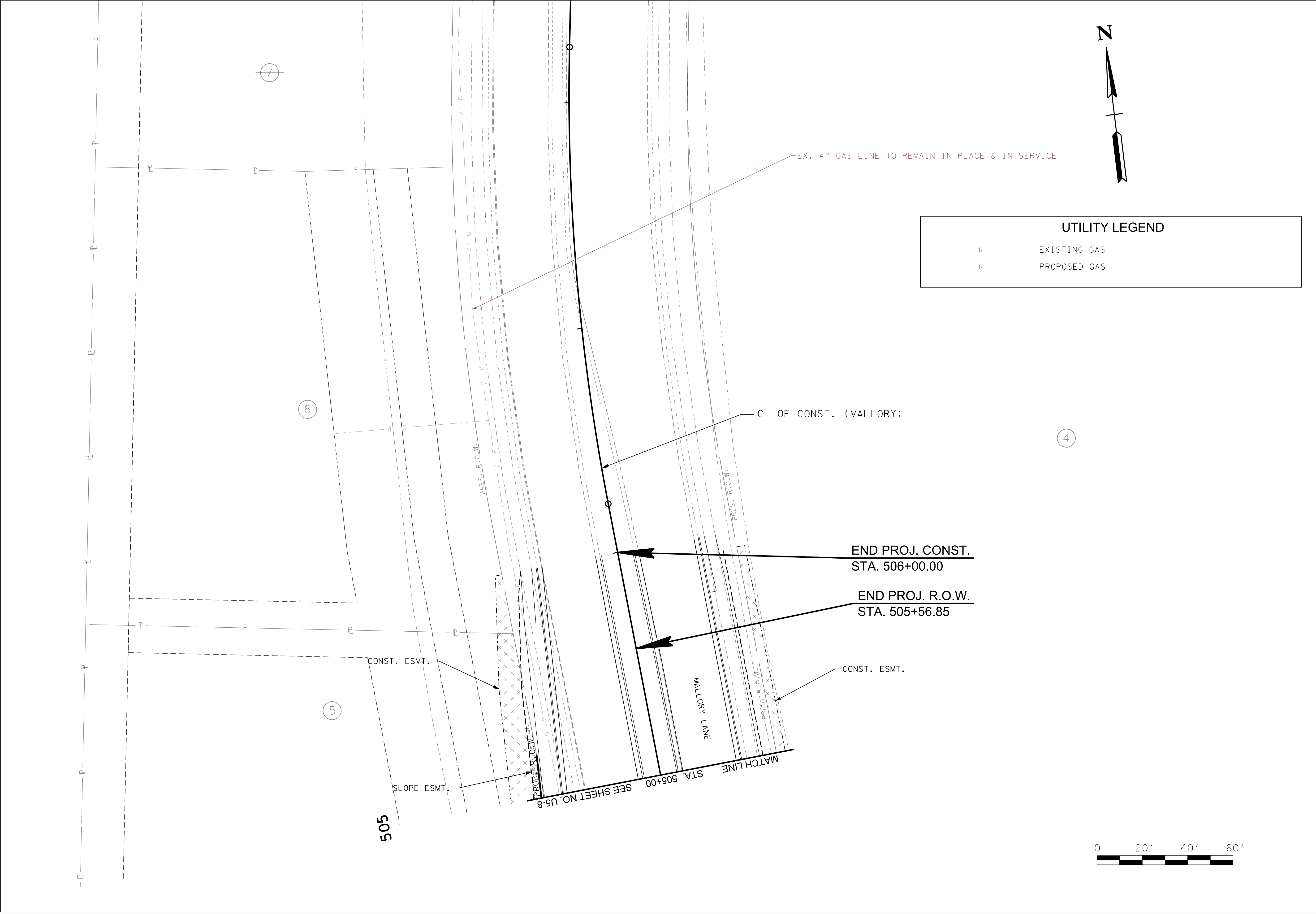
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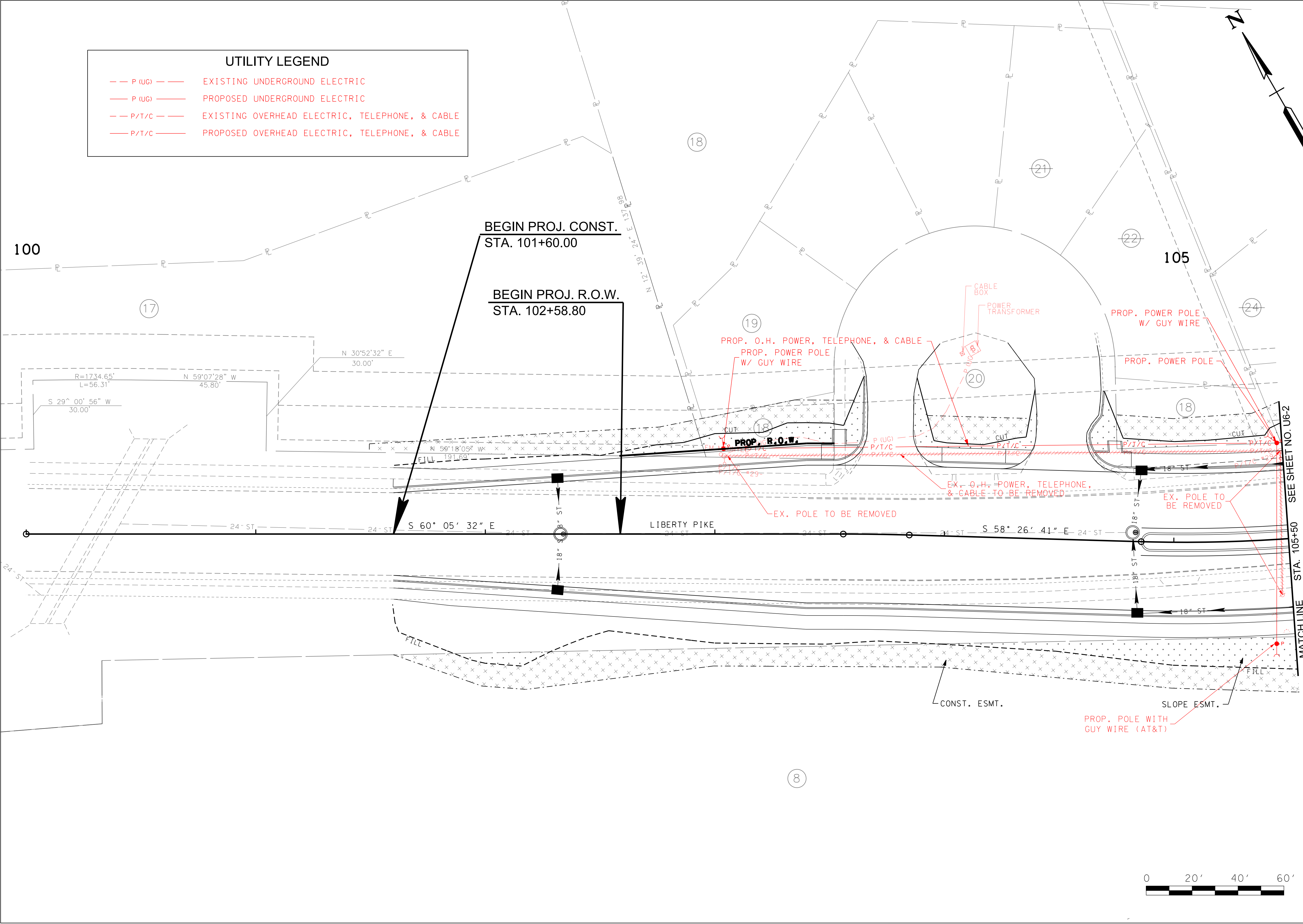
GAS UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

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UTILITY LEGEND

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ELECTRIC, TELEPHONE, AND CABLE
UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

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YEAR: 2023
SHEET NO: U6-1

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UTILITY LEGEND

P (UG)

EXISTING UNDERGROUND ELECTRIC

P (UG)

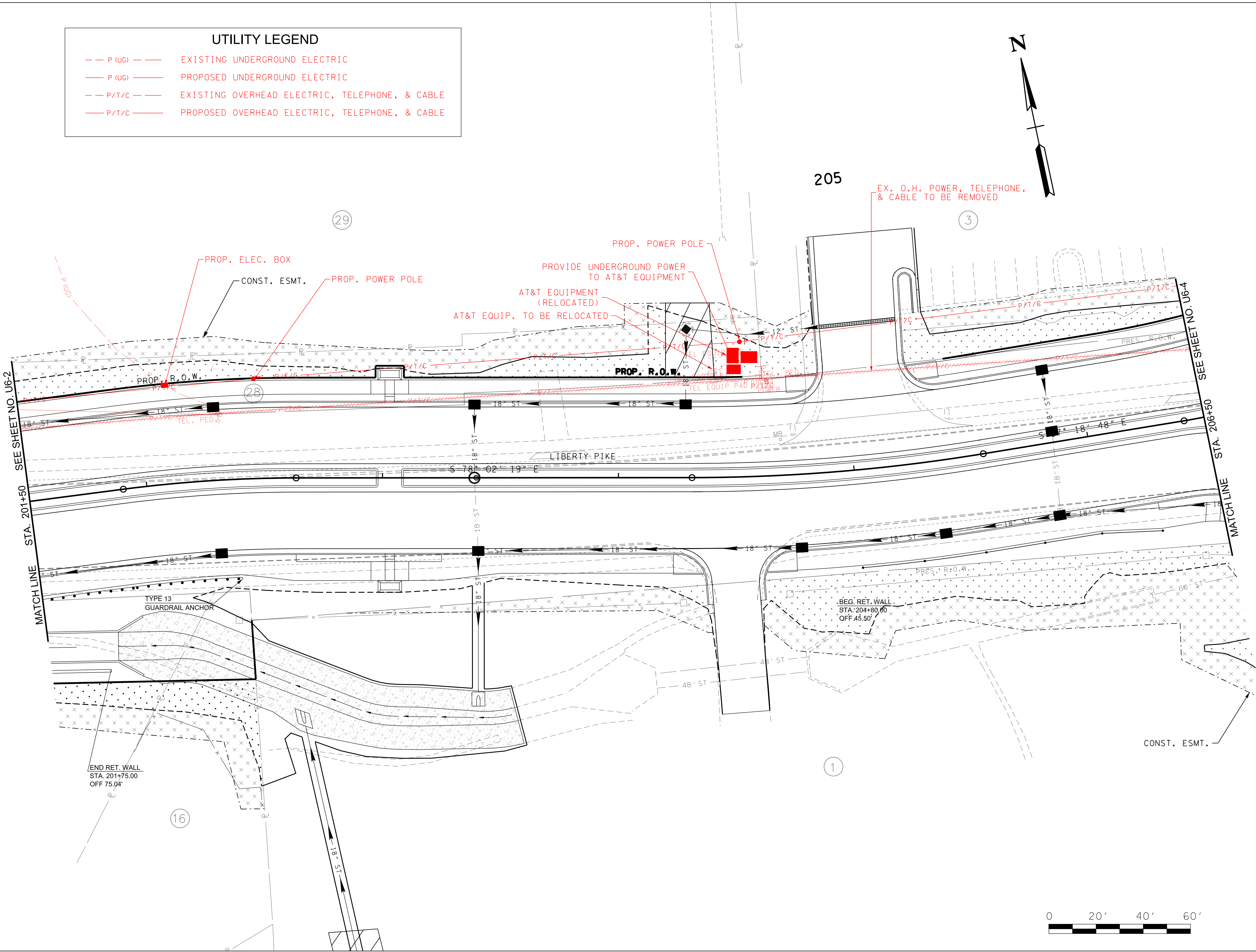
PROPOSED UNDERGROUND ELECTRIC

P/T/C

EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE

P/T/C

PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE



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NO

DATE

BY

DESCRIPTION

ELECTRIC, TELEPHONE, AND CABLE

UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE:

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YEAR:

2023

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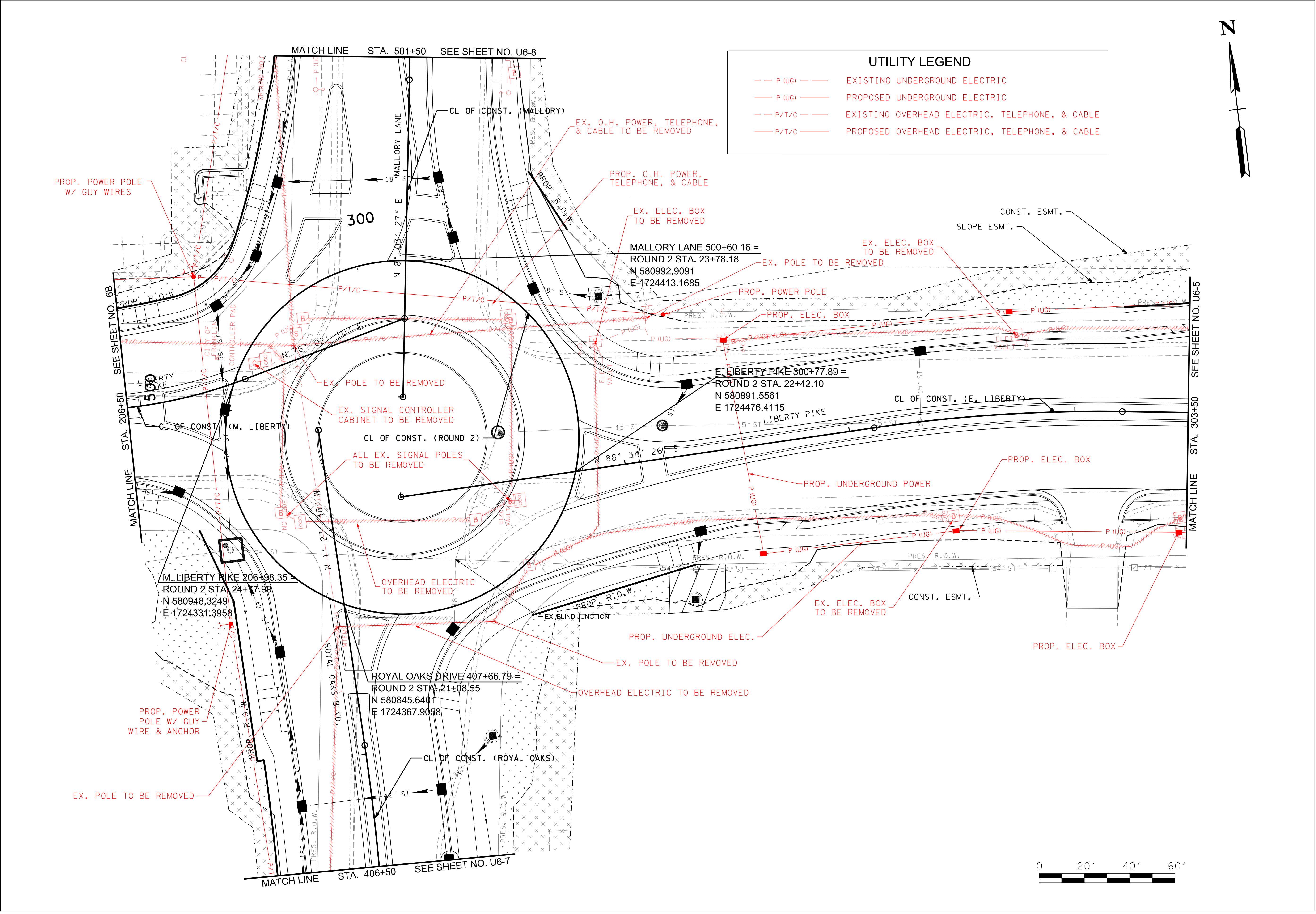
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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.

SUITE 230-1, BRENTWOOD, TN 37027

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UTILITY LEGEND

P (UG)

EXISTING UNDERGROUND ELECTRIC

P (UG)

PROPOSED UNDERGROUND ELECTRIC

P/T/C

EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE

P/T/C

PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

REVISIONS		DESCRIPTION	
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ELECTRIC, TELEPHONE, AND CABLE

UTILITY RELOCATION PLAN

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MALLERY LANE / LIBERTY PIKE

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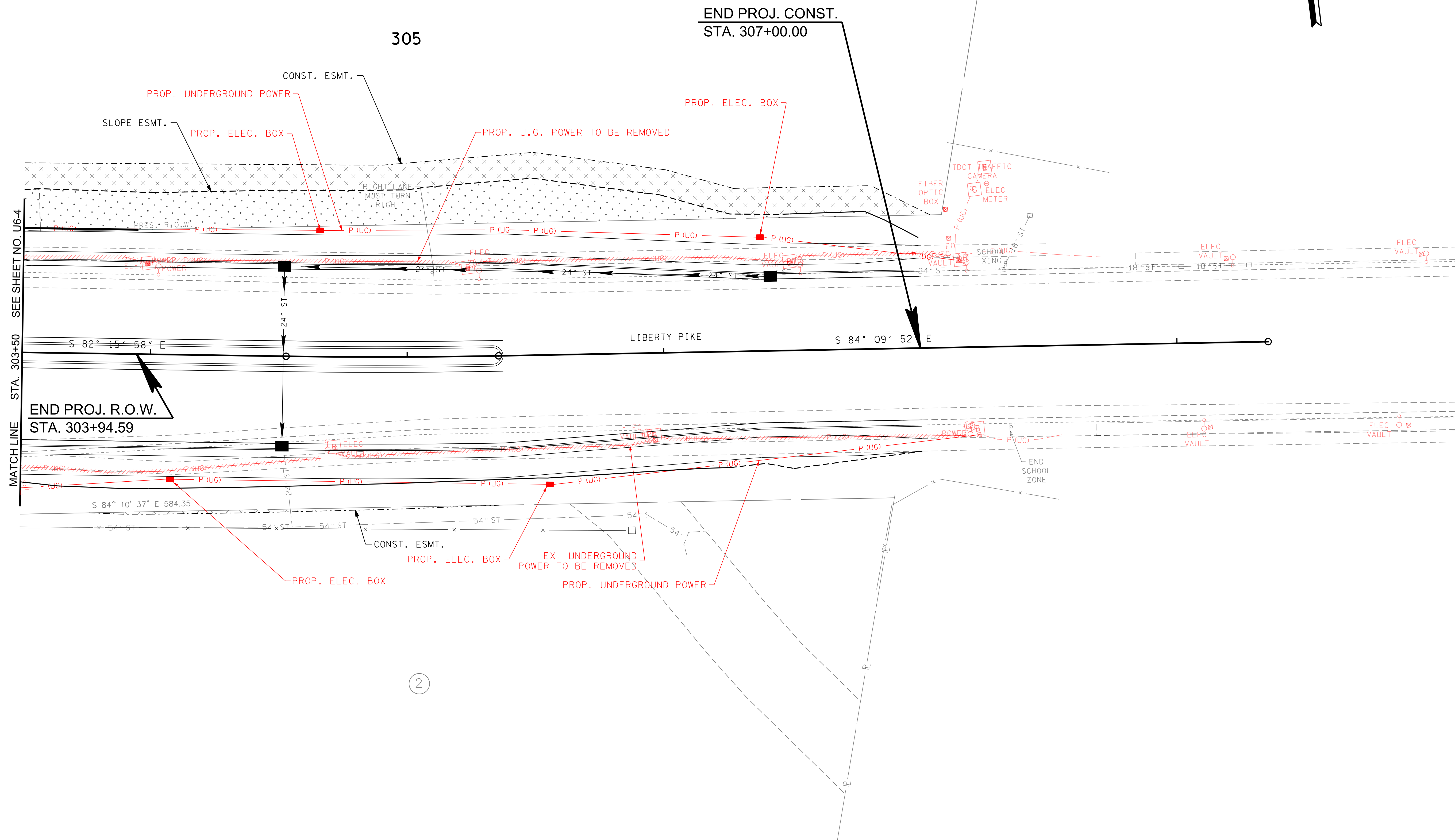
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ELECTRIC, TELEPHONE, AND CABLE
UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
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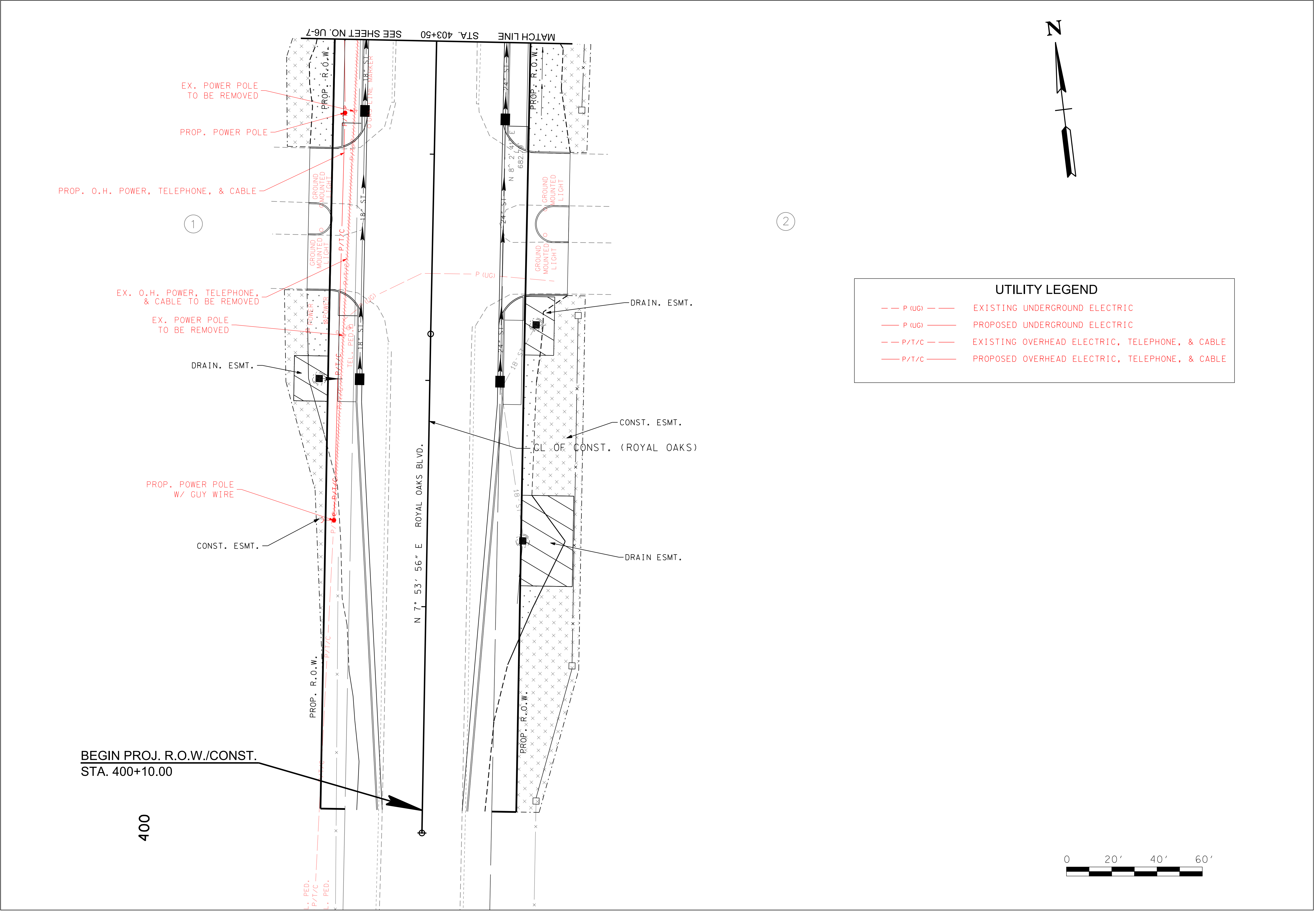
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ELECTRIC, TELEPHONE, AND CABLE
UTILITY RELOCATION PLAN

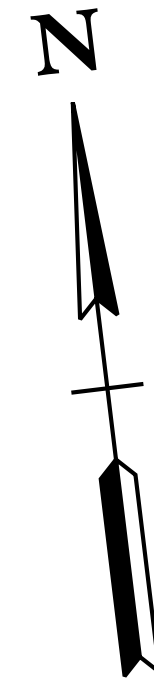
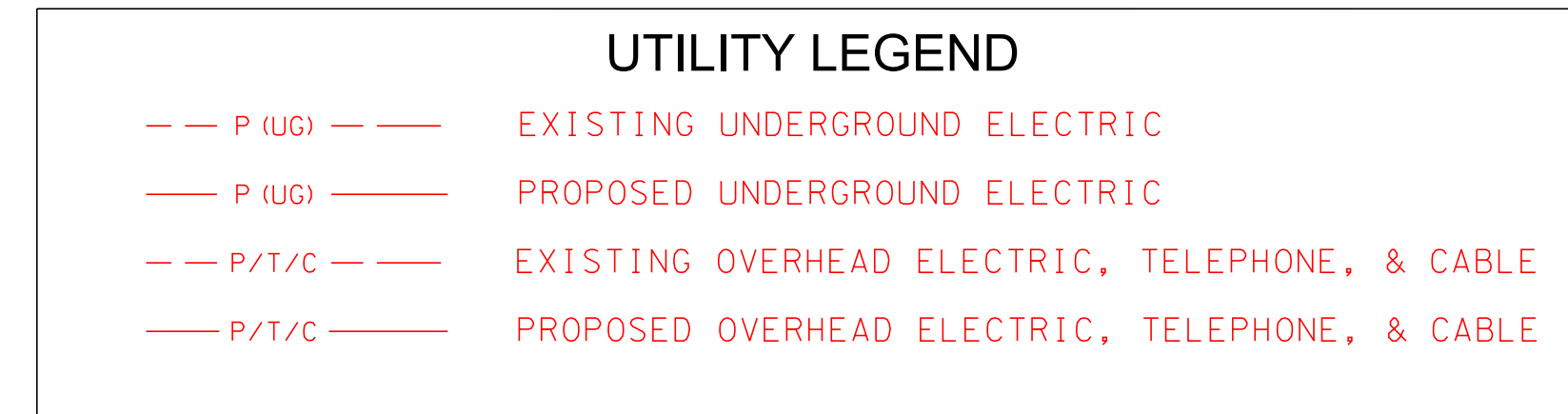
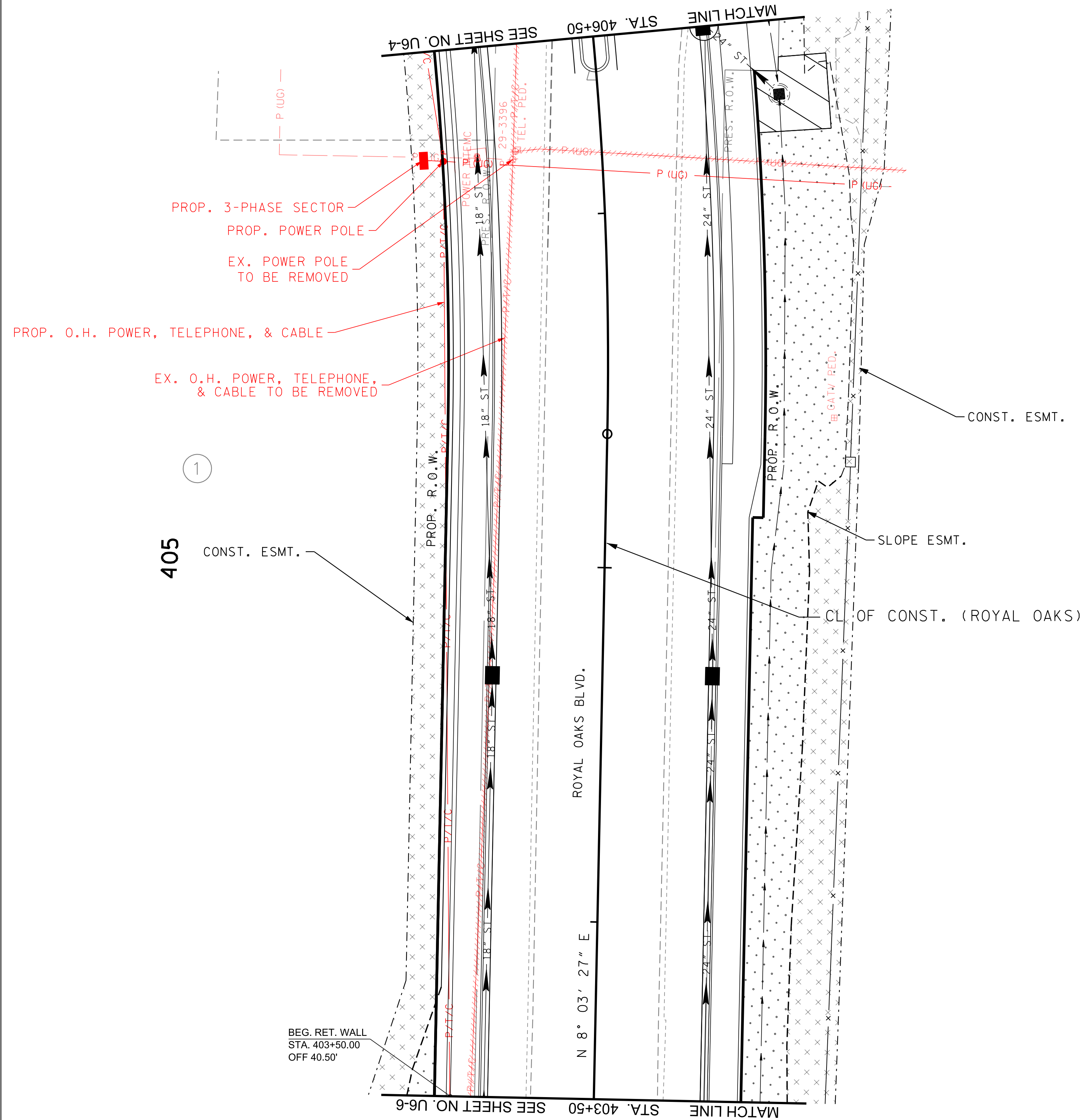
MALLORY LANE / LIBERTY PIKE
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[illegible]ELECTRIC, TELEPHONE, AND CABLE
UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

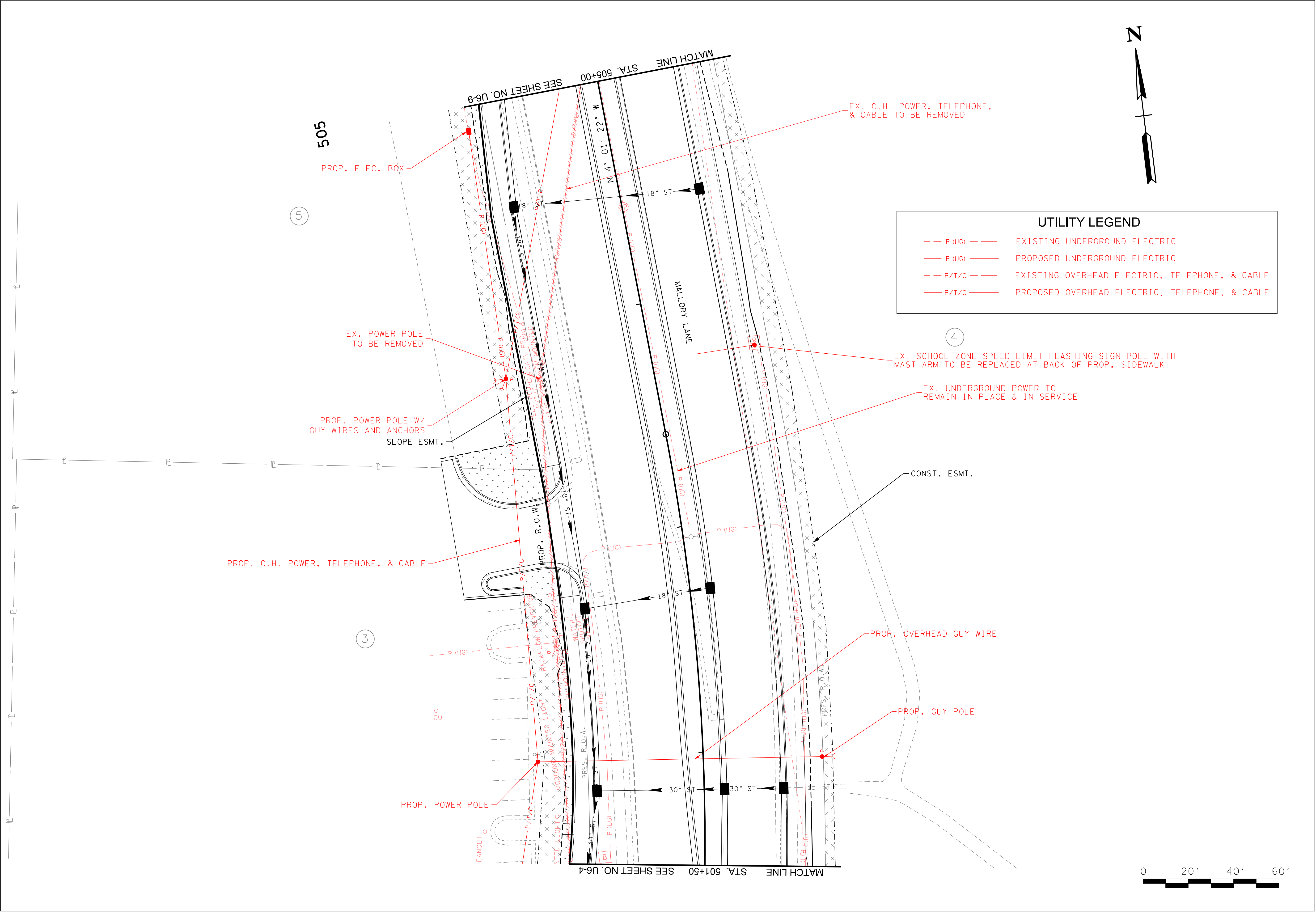
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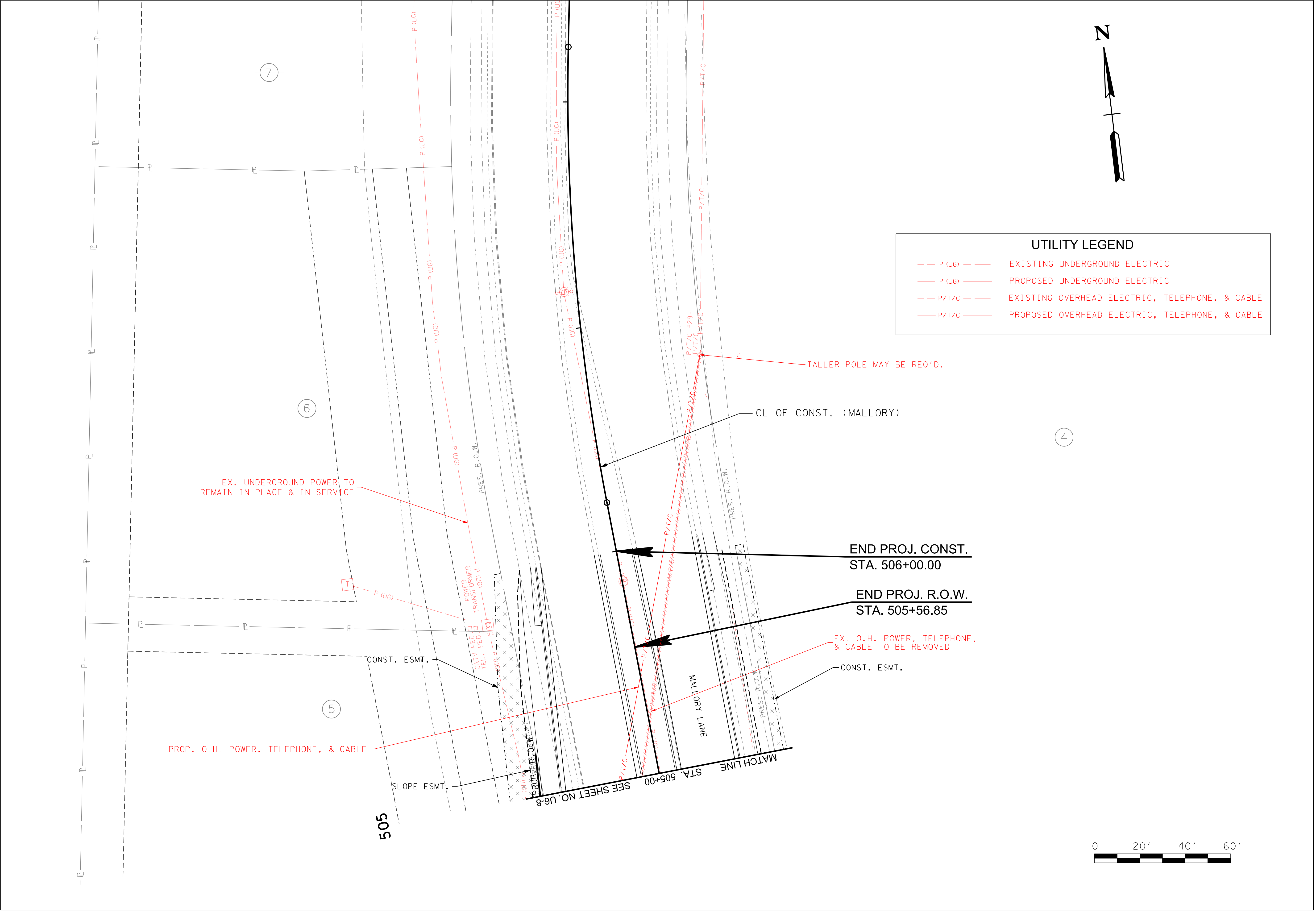
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YEAR: 2023

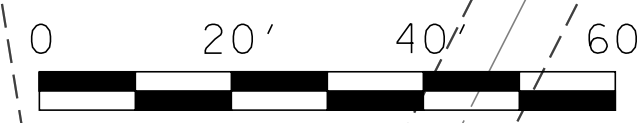
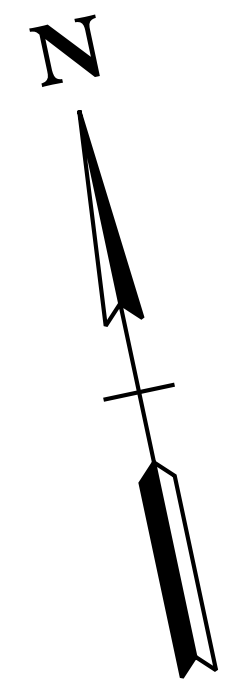
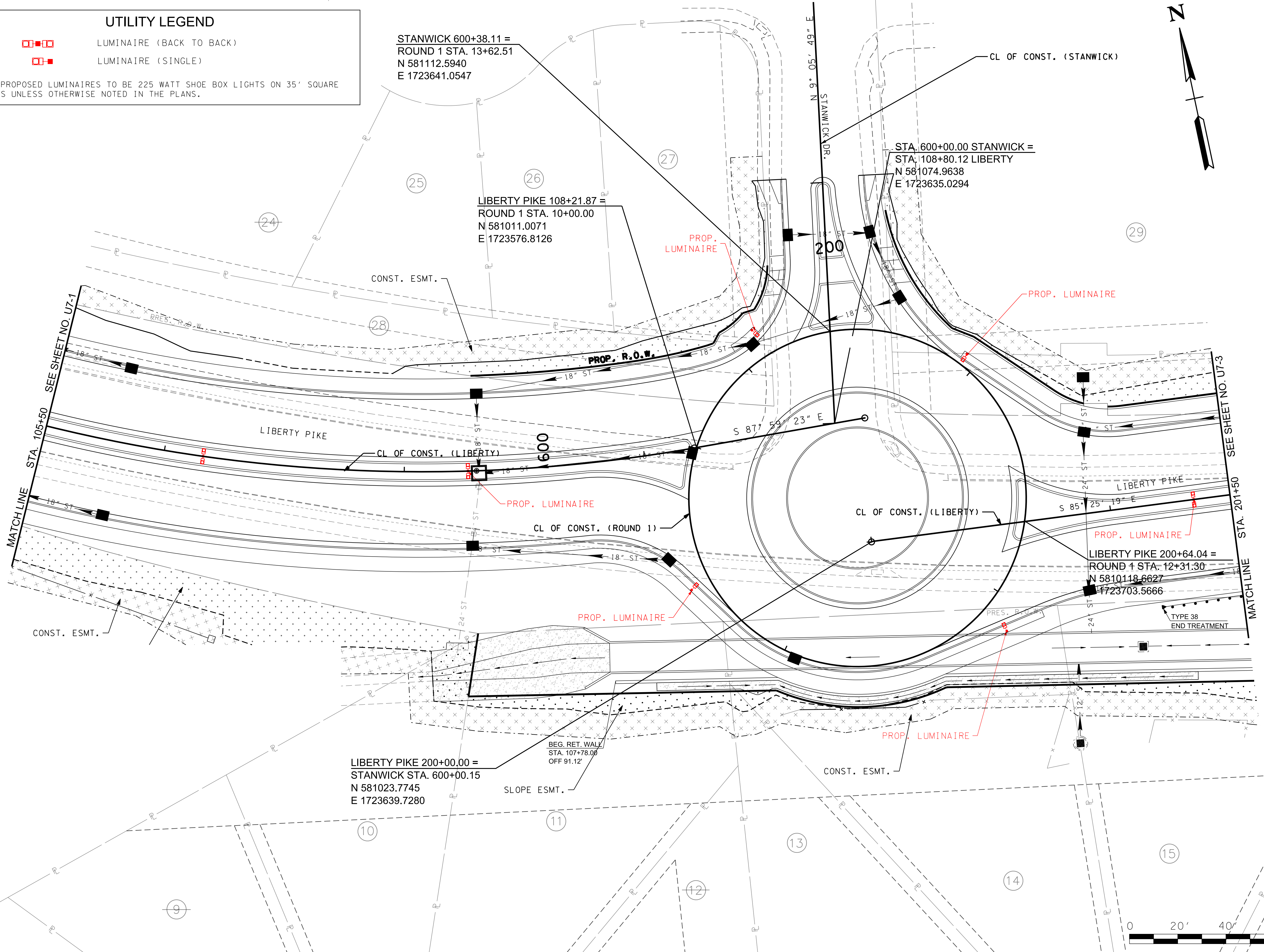
SHEET NO: U6-9

UTILITY LEGEND

LUMINAIRE (BACK TO BACK)

LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.



REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

WATER UTILITY RELOCATION PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

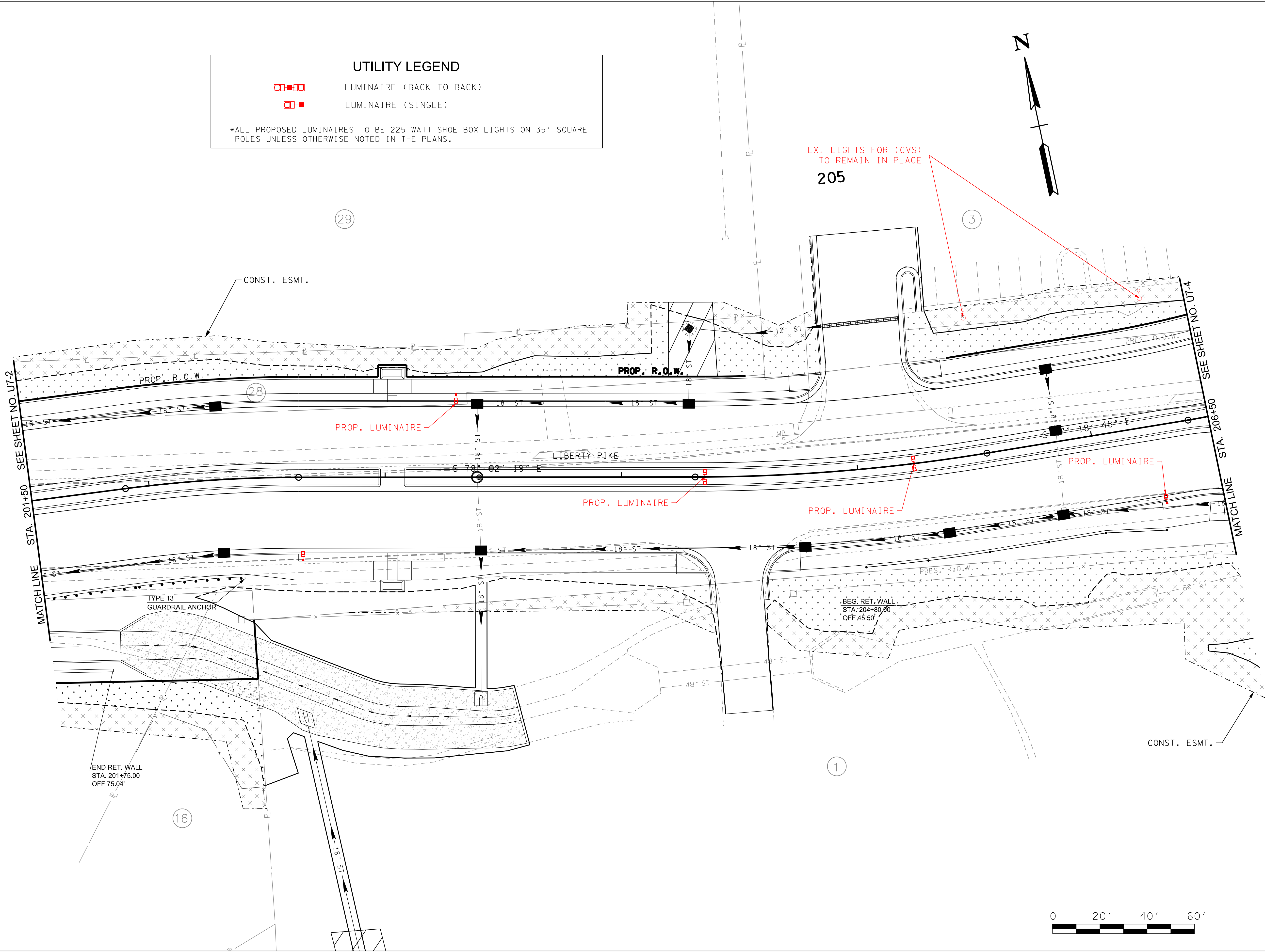
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-2



UTILITY LEGEND

LUMINAIRE (BACK TO BACK)

LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.

REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LIGHTING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

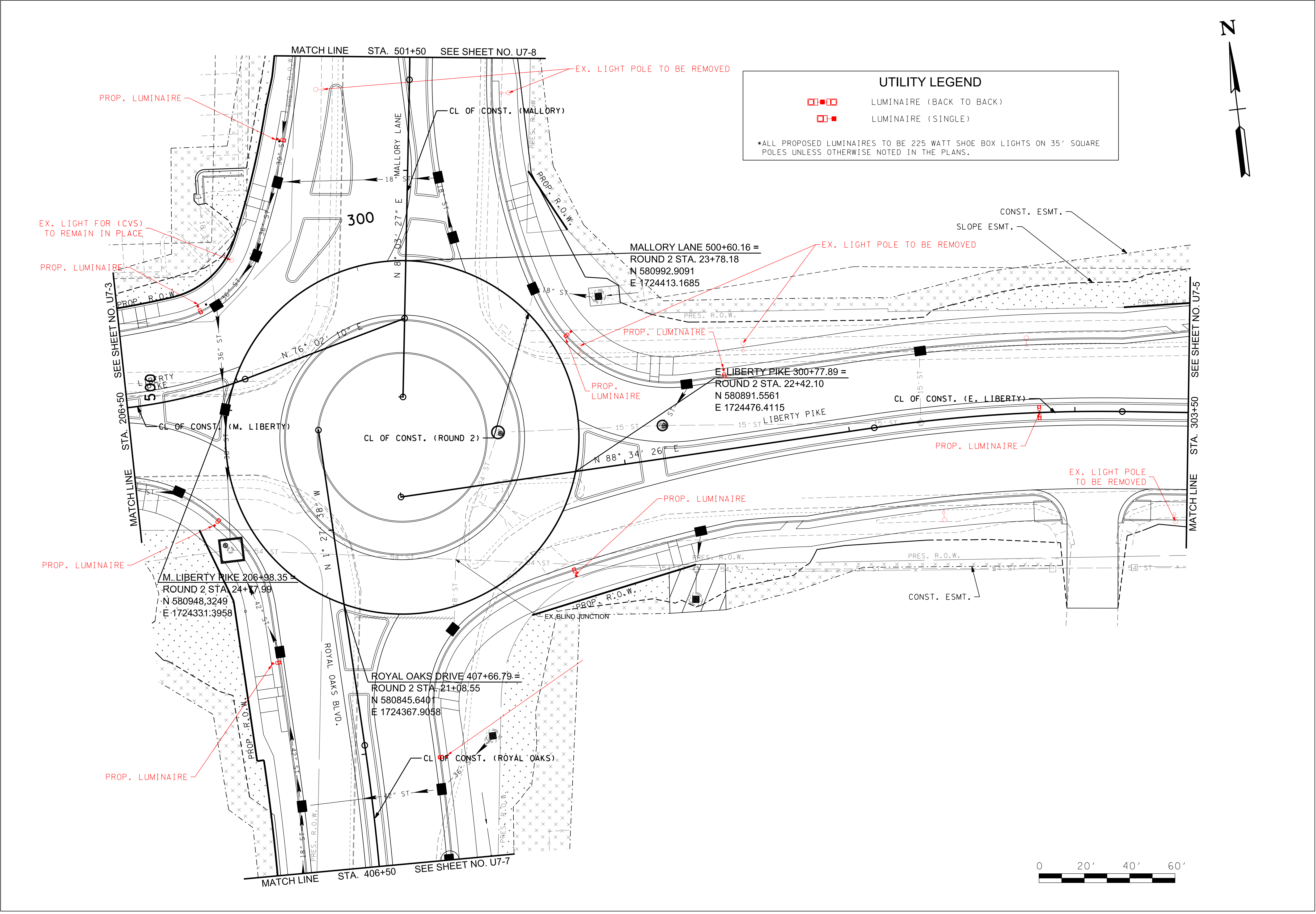
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CHECKED BY: _____

YEAR: 2023

SHEET NO: U7-3



UTILITY LEGEND

LUMINAIRE (BACK TO BACK)

LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.

REVISIONS		DESCRIPTION	
NO	DATE	BY	

LIGHTING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

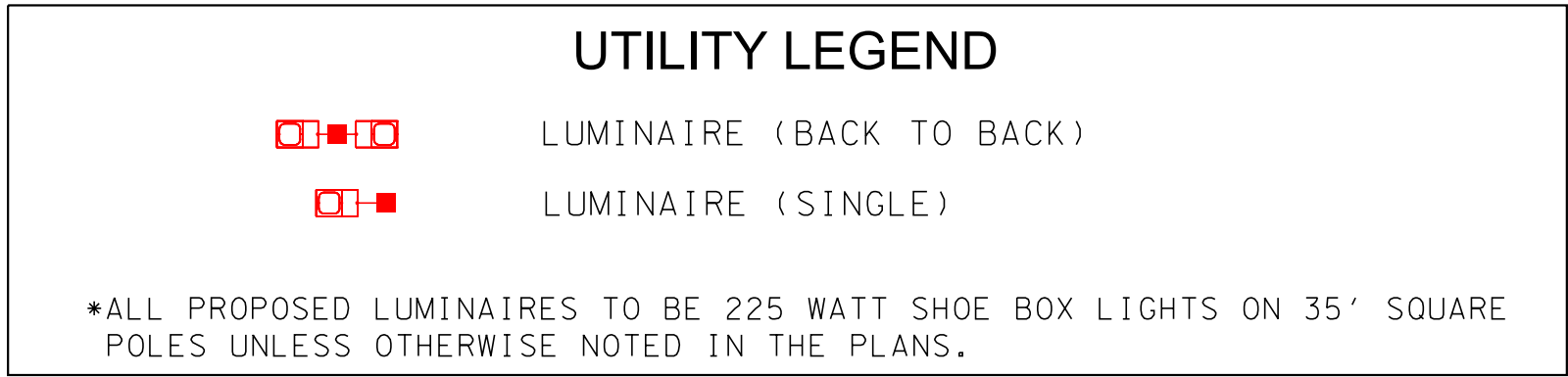
YEAR: 2023

SHEET NO: U7-4

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

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SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

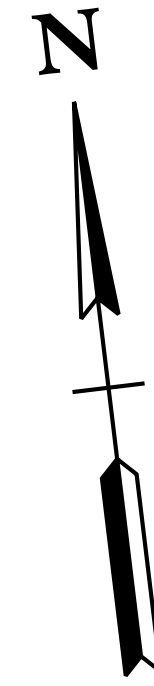
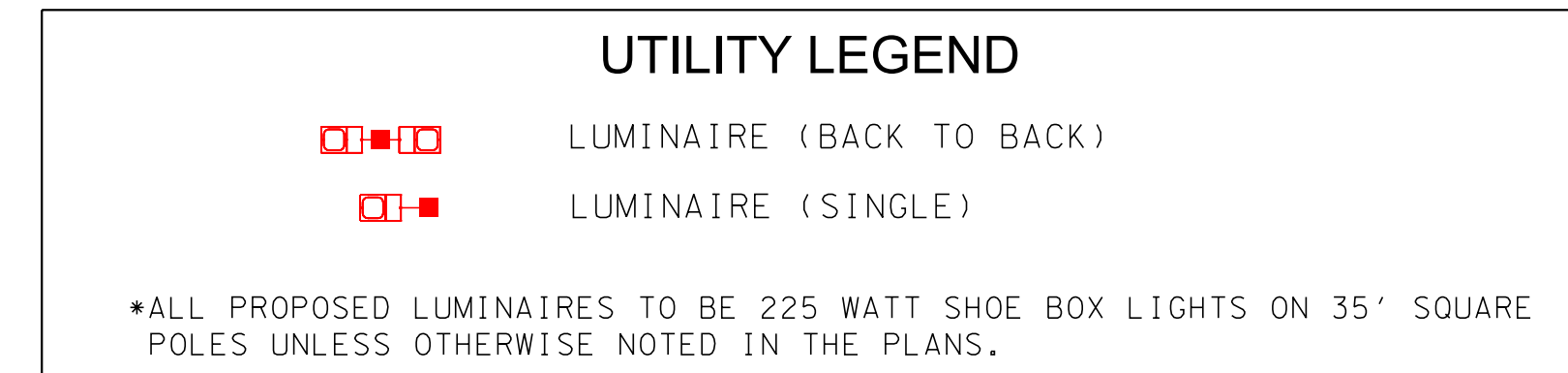
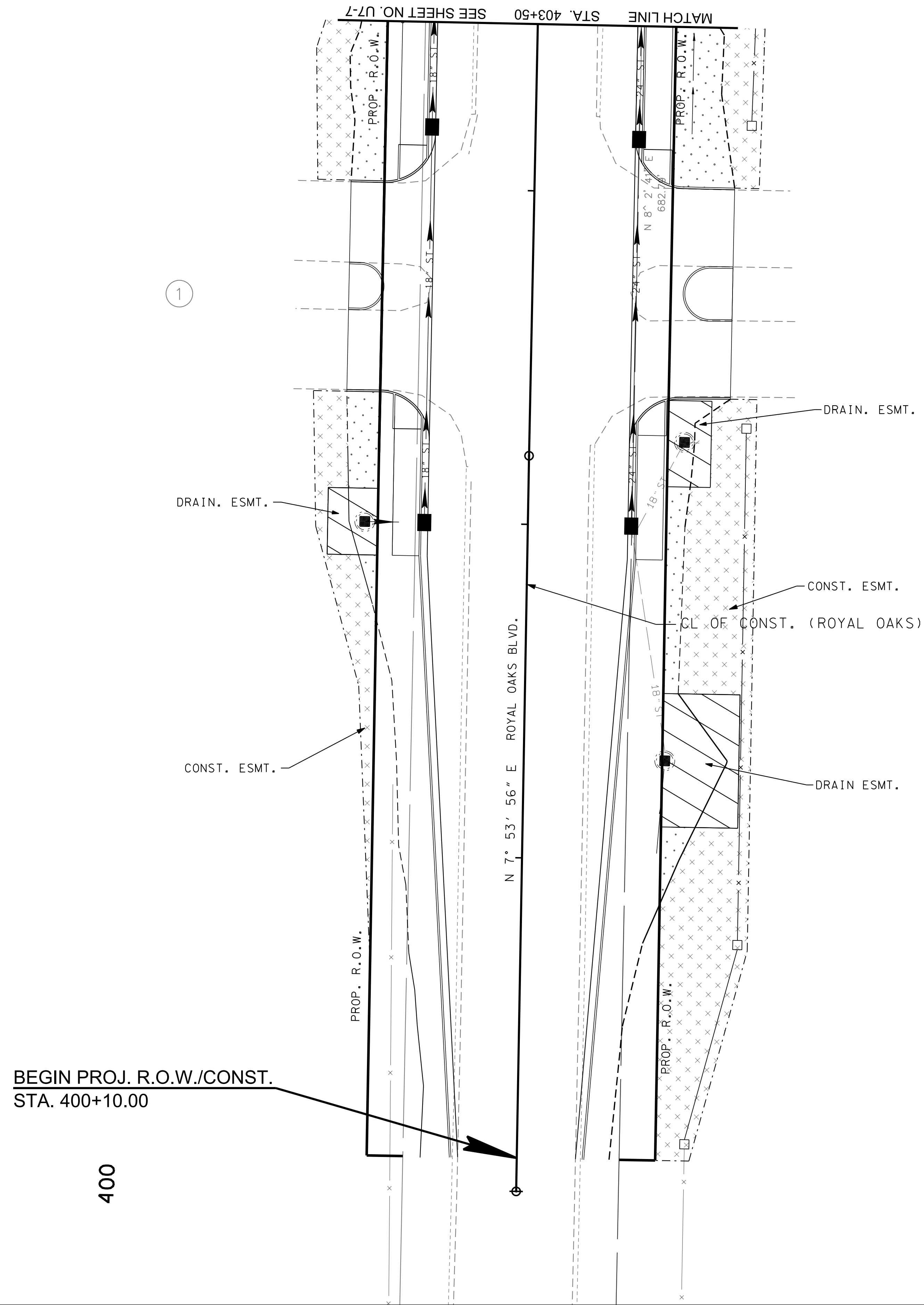
LIGHTING PLANS

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-5

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VOLKERT

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LIGHTING PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U7-6

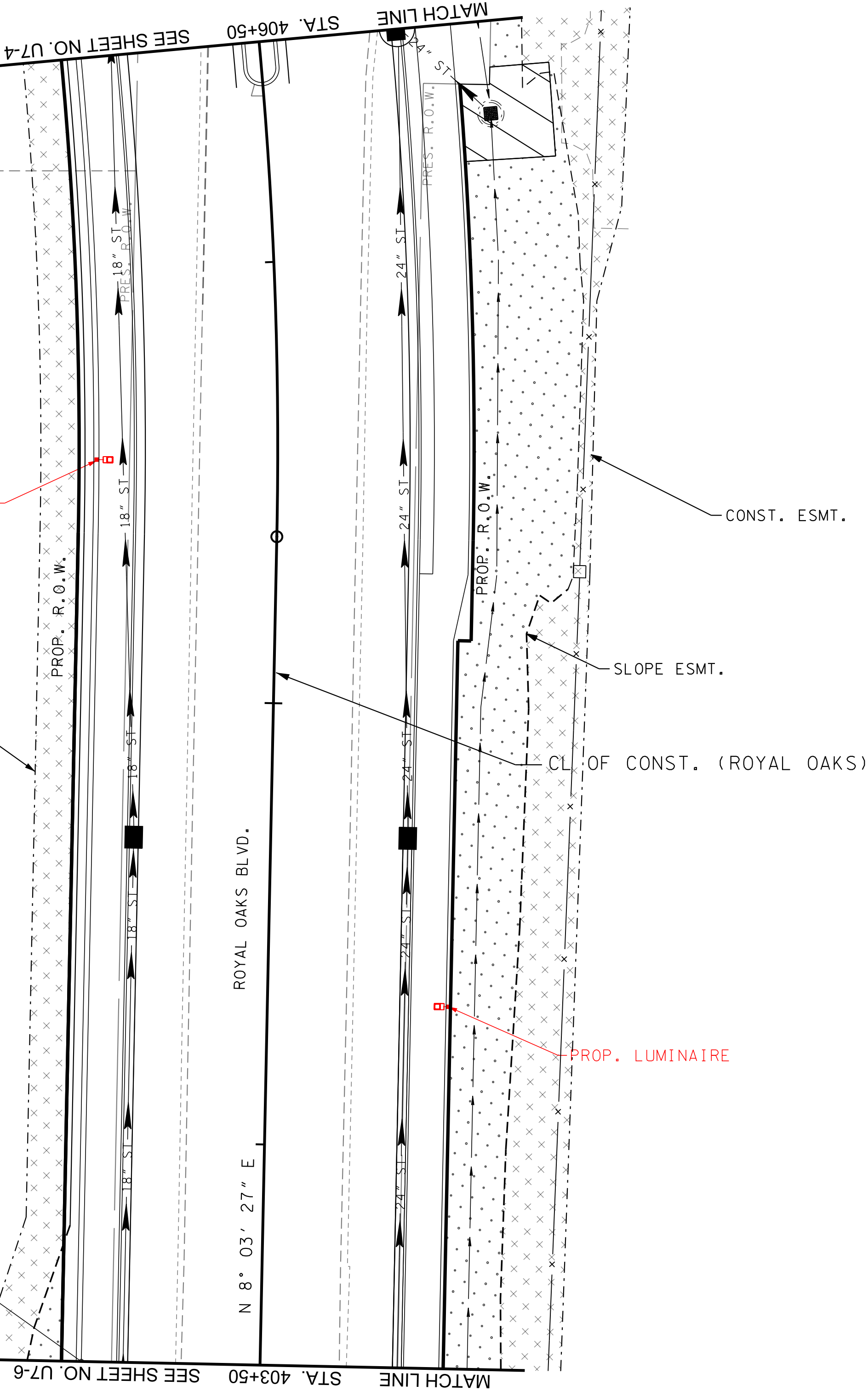
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CONST. ESMT.

PROP. LUMINAIRE

BEG. RET. WALL
STA. 403+50.00
OFF 40.50'

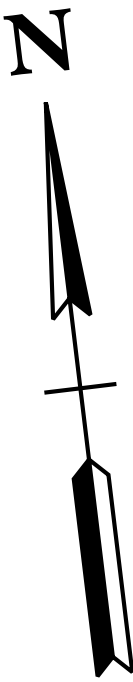


2

UTILITY LEGEND

- LUMINAIRE (BACK TO BACK)
- LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U7-7

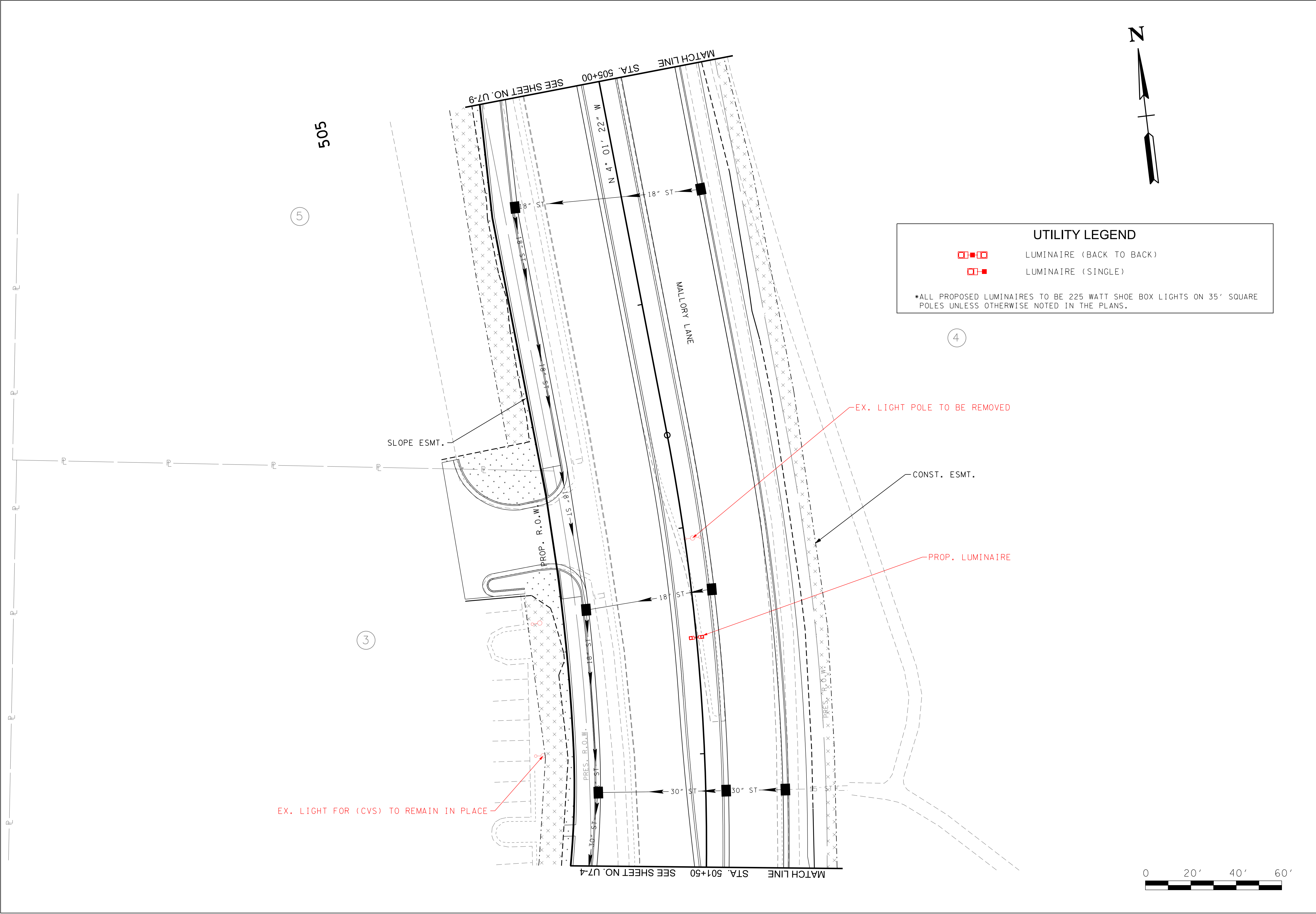
LIGHTING PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

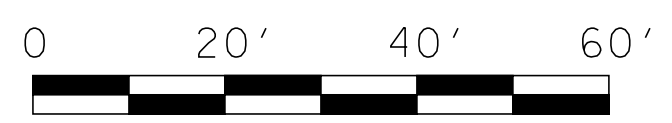
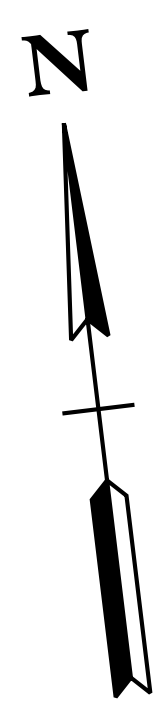
REVISIONS		DESCRIPTION	
NO	DATE	BY	



UTILITY LEGEND

LUMINAIRE (BACK TO BACK)
 LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.



LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-8

REVISIONS

NO	DATE	BY	DESCRIPTION

LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-8

REVISIONS

NO	DATE	BY	DESCRIPTION

LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-8

REVISIONS

NO	DATE	BY	DESCRIPTION

LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

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CHECKED BY: _____

YEAR: 2023

SHEET NO:U7-8

REVISIONS

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LIBERTY PIKE

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REVISIONS

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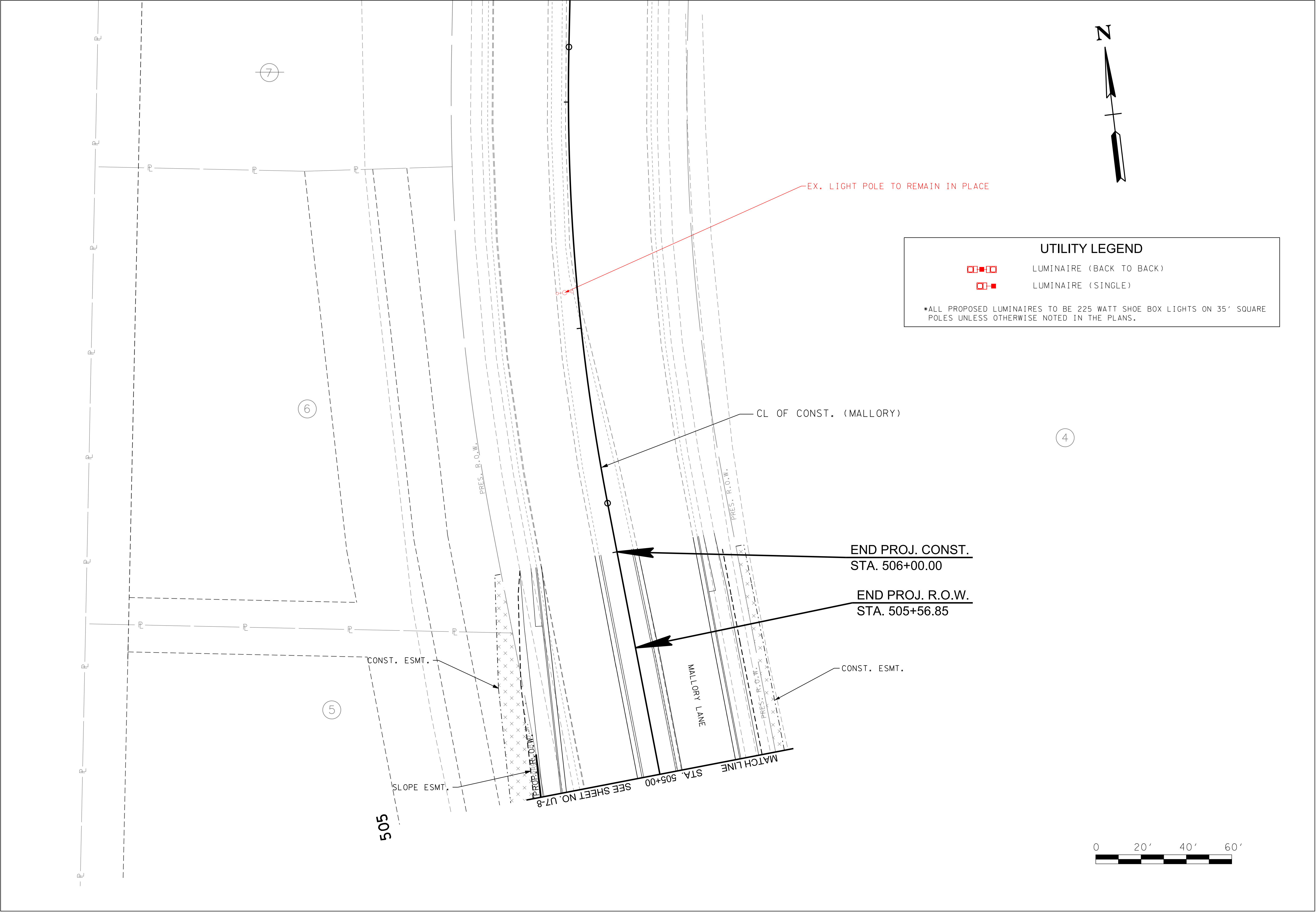
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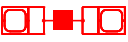
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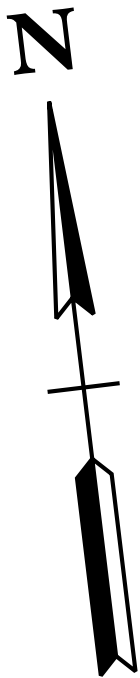


UTILITY LEGEND

 LUMINAIRE (BACK TO BACK)

 LUMINAIRE (SINGLE)

*ALL PROPOSED LUMINAIRES TO BE 225 WATT SHOE BOX LIGHTS ON 35' SQUARE POLES UNLESS OTHERWISE NOTED IN THE PLANS.



REVISIONS	
NO	DATE
BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

LIGHTING PLAN

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

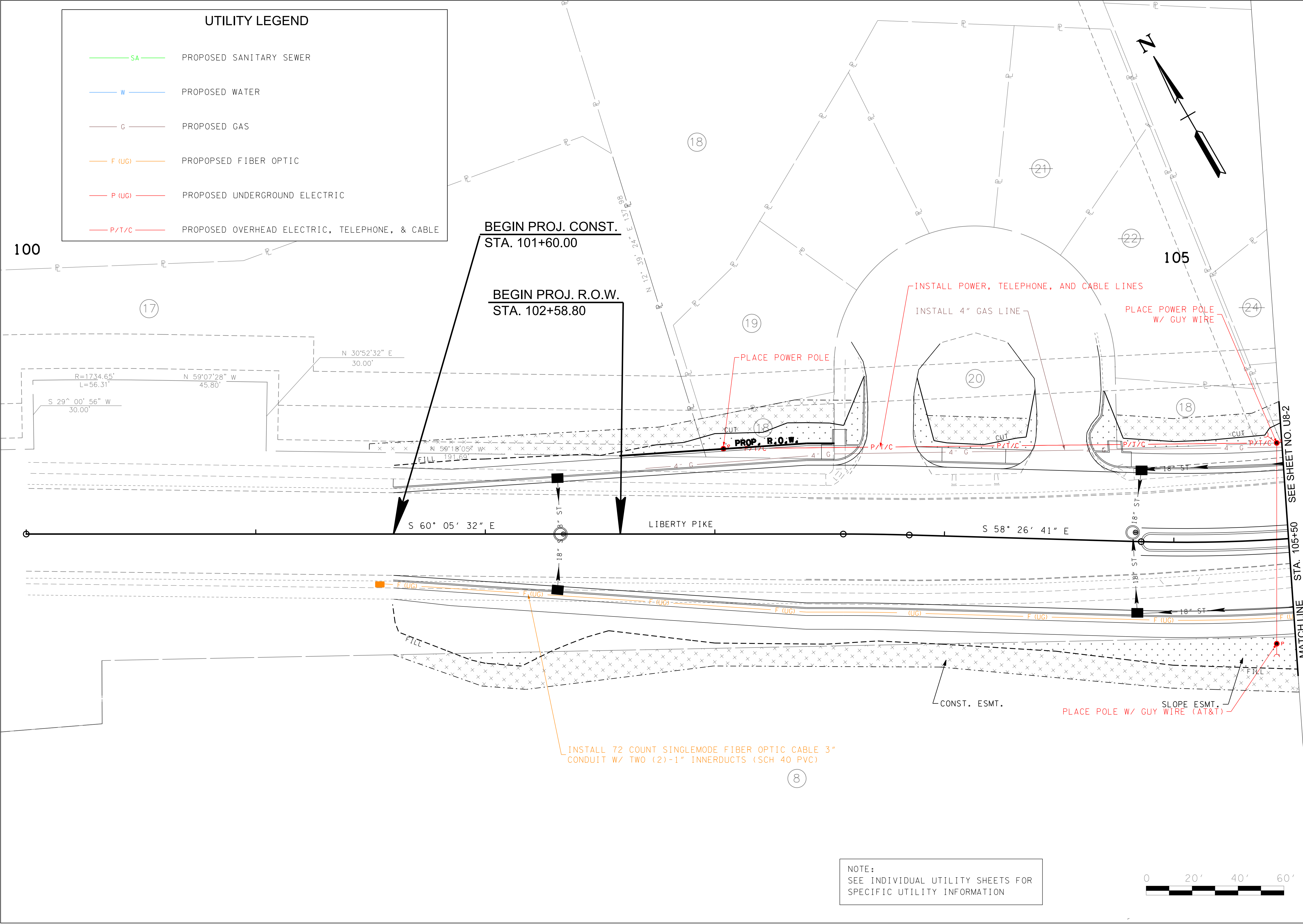
DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____



REVISIONS		DESCRIPTION	
NO	DATE	BY	

OVERALL UTILITY RELOCATION PHASING
PHASE 1

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

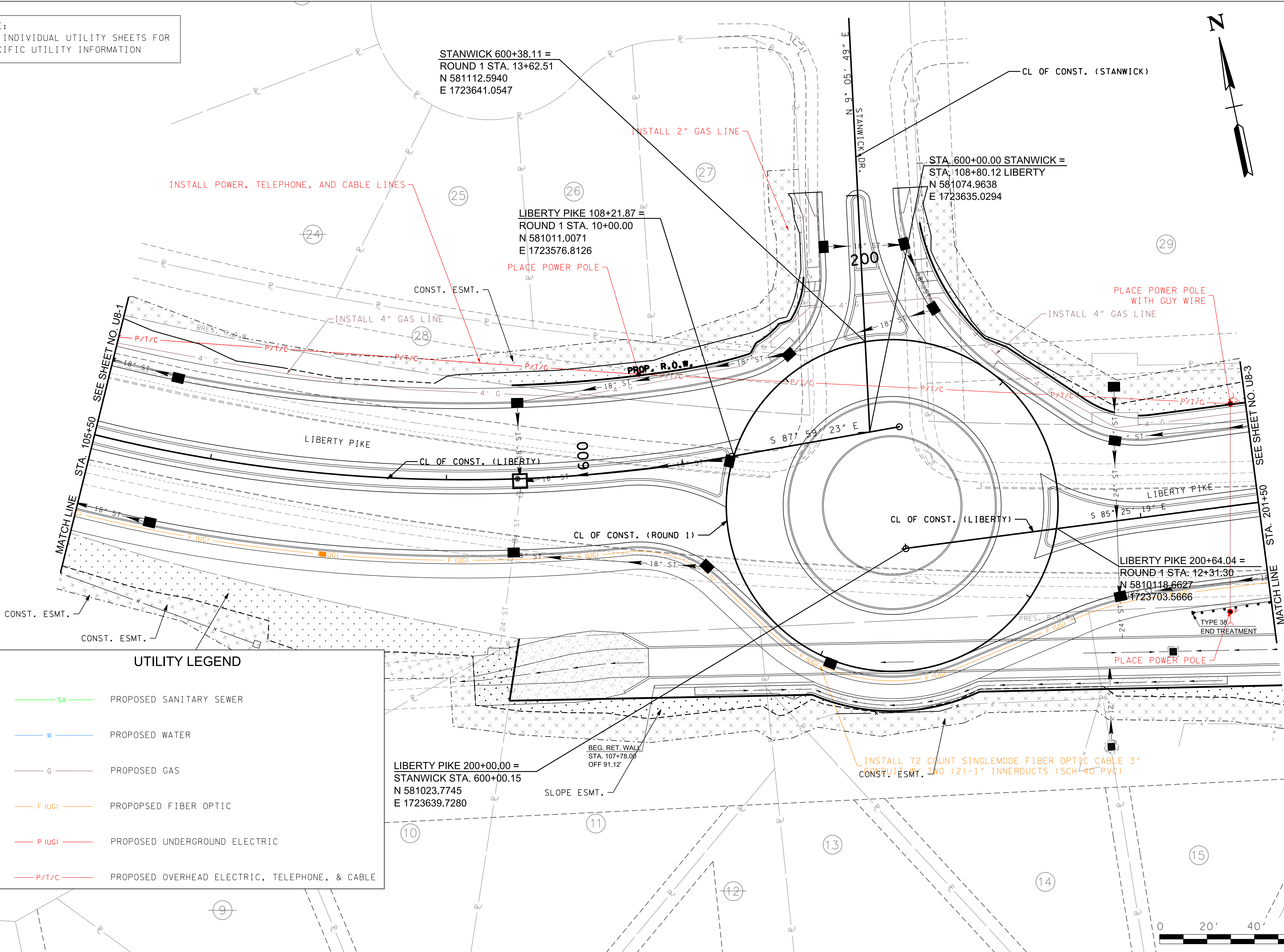
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U8-1

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

[illegible]

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BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PHASING
PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

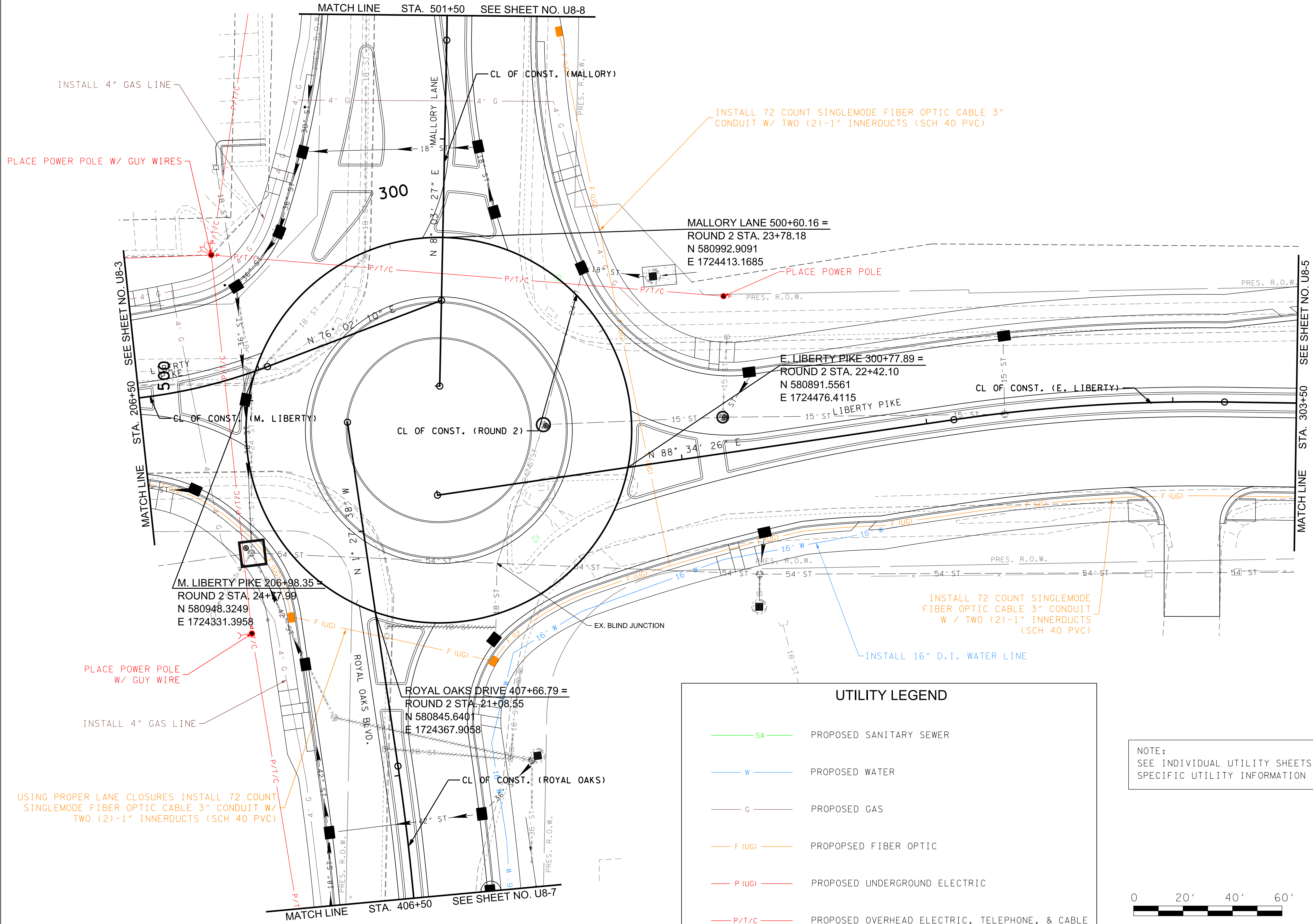
DESIGNED BY: _____

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SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023
SHEET NO:U8-2



UTILITY LEGEND

SA

PROPOSED SANITARY SEWER

W

PROPOSED WATER

G

PROPOSED GAS

F (UG)

PROPOSED FIBER OPTIC

P (UG)

PROPOSED UNDERGROUND ELECTRIC

P/T/C

PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

REVISIONS		DESCRIPTION
NO	DATE	BY

OVERALL UTILITY RELOCATION PHASING
PHASE 1

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

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CHECKED BY: _____

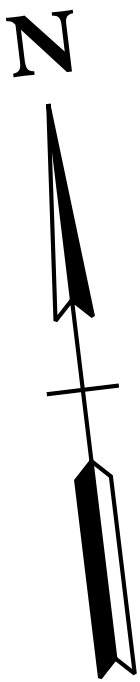
YEAR: 2023

SHEET NO: U8-4

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

UTILITY LEGEND

- SA PROPOSED SANITARY SEWER
- W PROPOSED WATER
- G PROPOSED GAS
- F (UG) PROPOSED FIBER OPTIC
- P (UG) PROPOSED UNDERGROUND ELECTRIC
- P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE



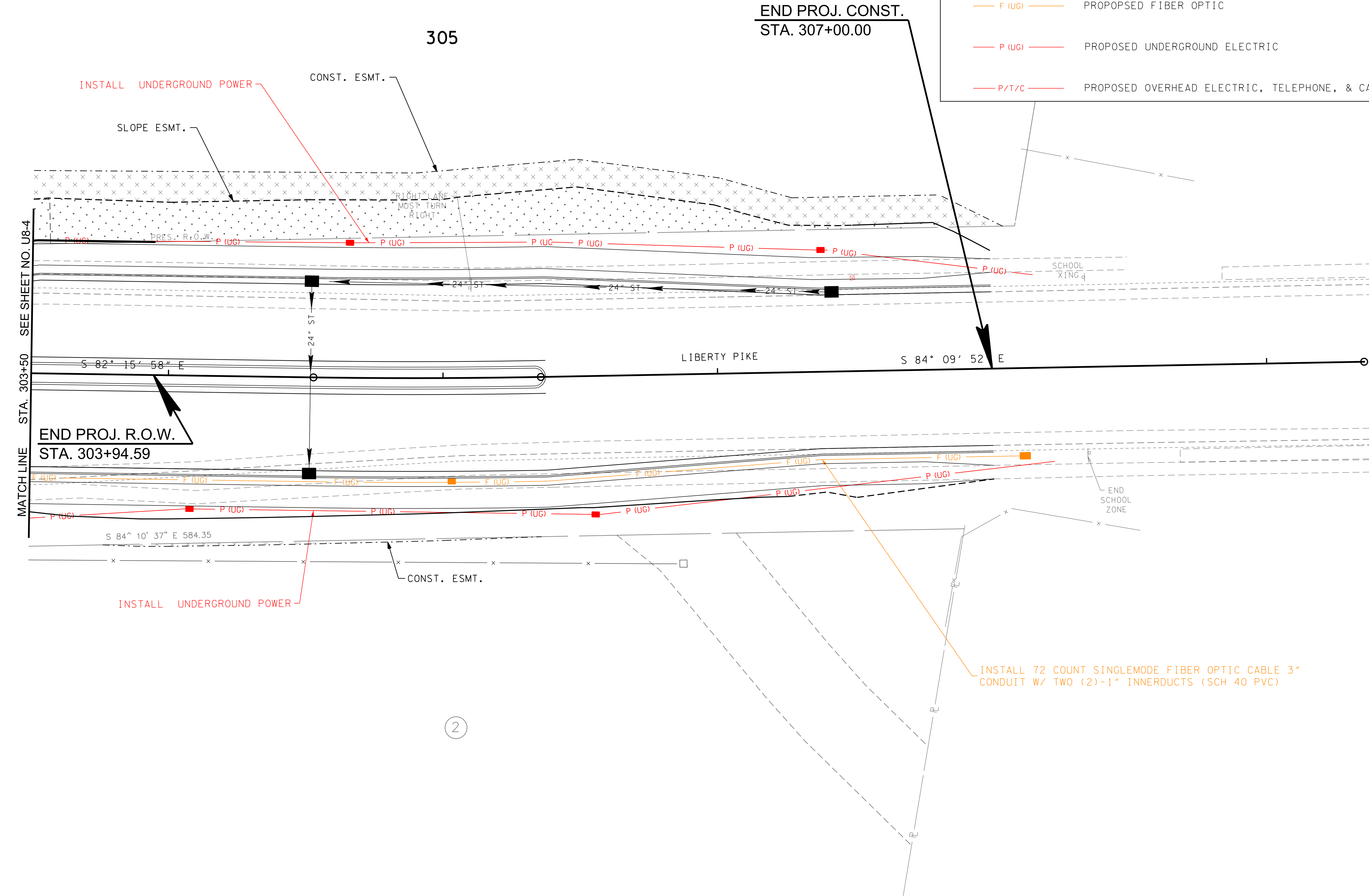
REVISIONS		DESCRIPTION	
NO	DATE	BY	

OVERALL UTILITY RELOCATION PHASING
PHASE 1

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE



DATE: _____

DESIGNED BY: _____

DRAWN BY: _____

SUPERVISED BY: _____

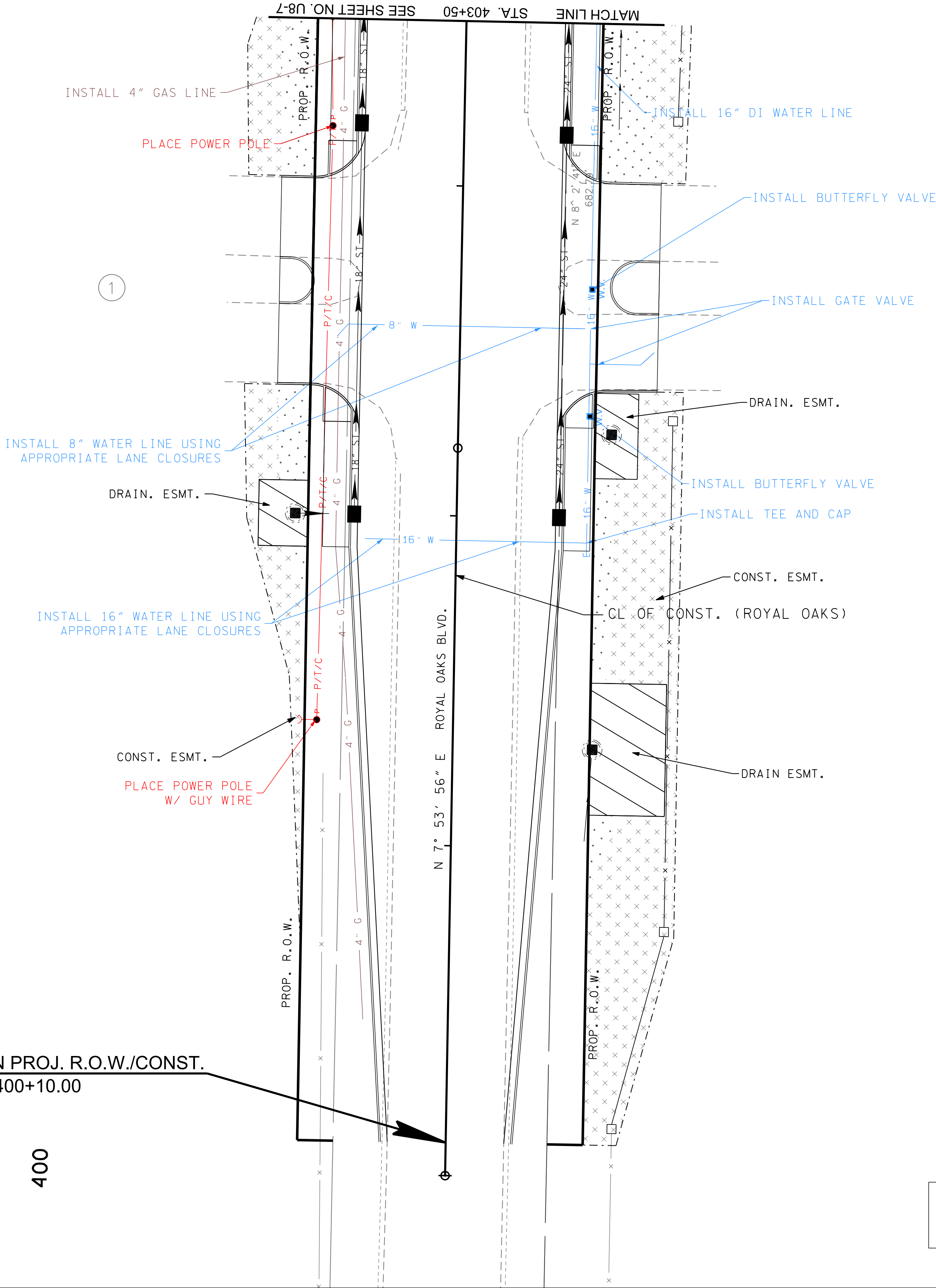
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YEAR: 2023

SHEET NO: U8-5

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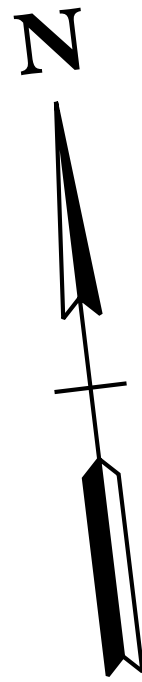
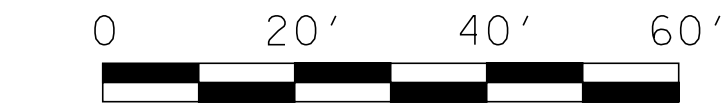
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NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

UTILITY LEGEND

- SA PROPOSED SANITARY SEWER
- W PROPOSED WATER
- G PROPOSED GAS
- F (UG) PROPOSED FIBER OPTIC
- P (UG) PROPOSED UNDERGROUND ELECTRIC
- P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE



OVERALL UTILITY RELOCATION PHASING PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

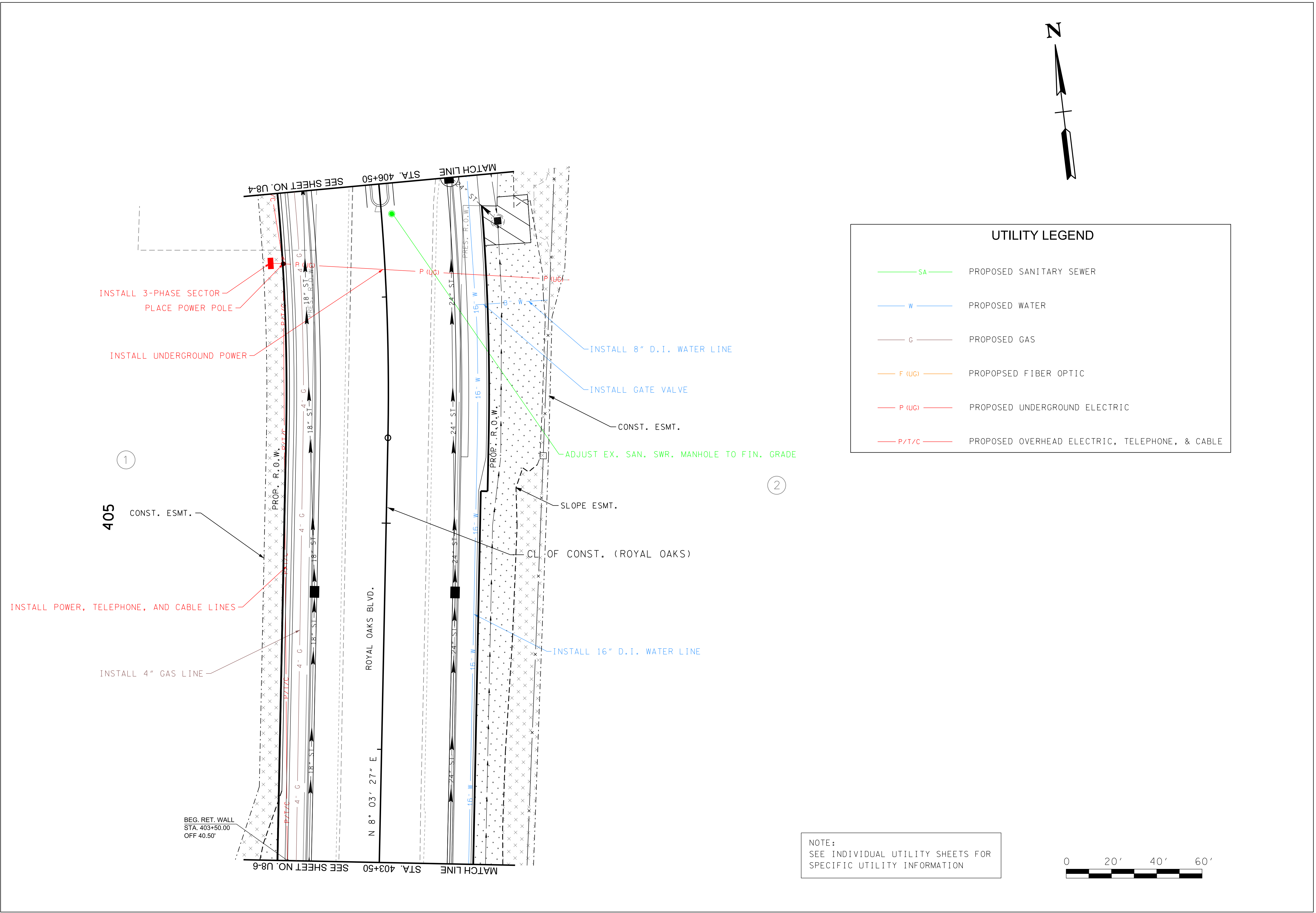
YEAR: 2023

SHEET NO: U8-6

REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



OVERALL UTILITY RELOCATION PHASING
PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

DATE: _____

DESIGNED BY: _____

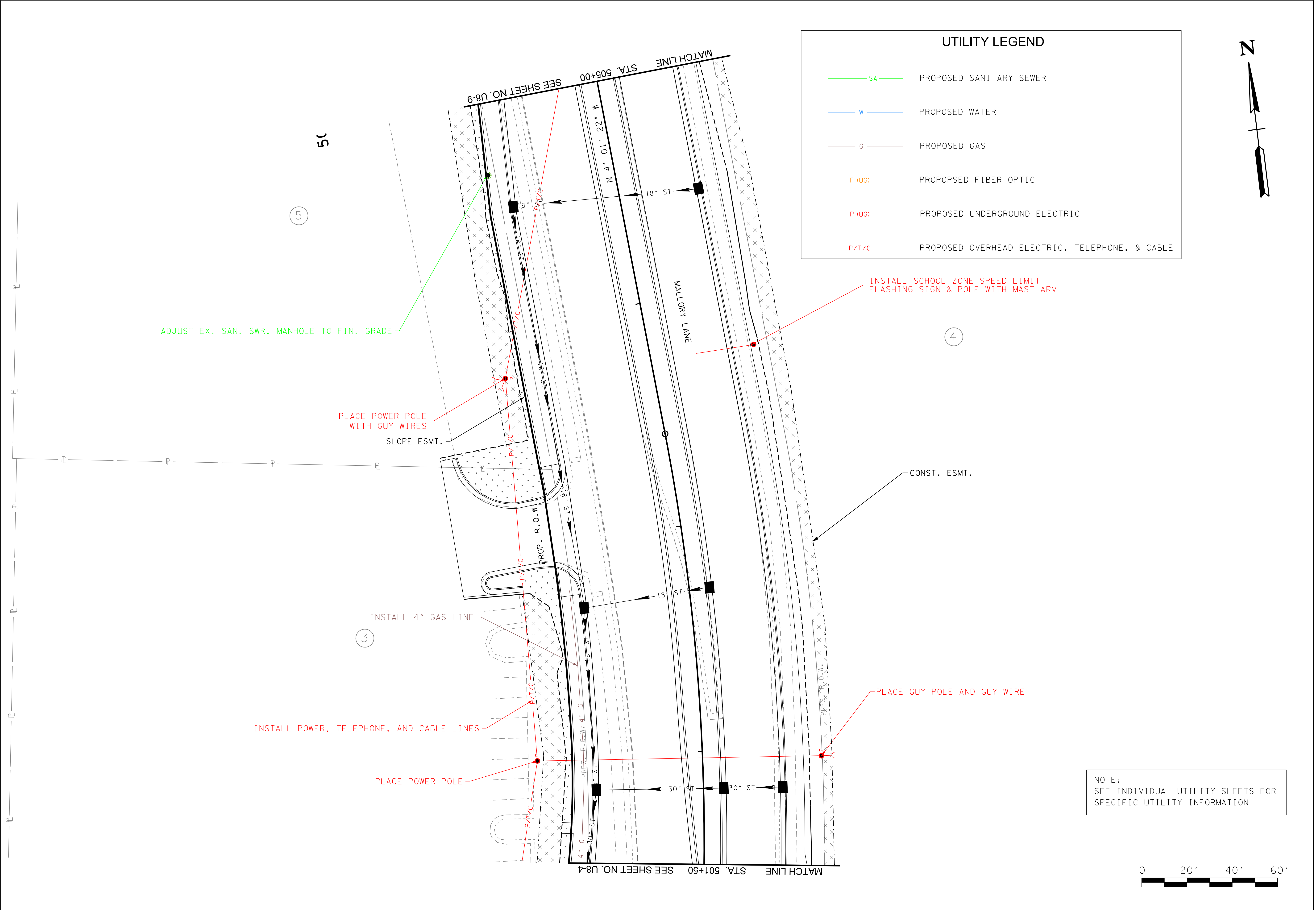
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SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: U8-7



OVERALL UTILITY RELOCATION PHASING
PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

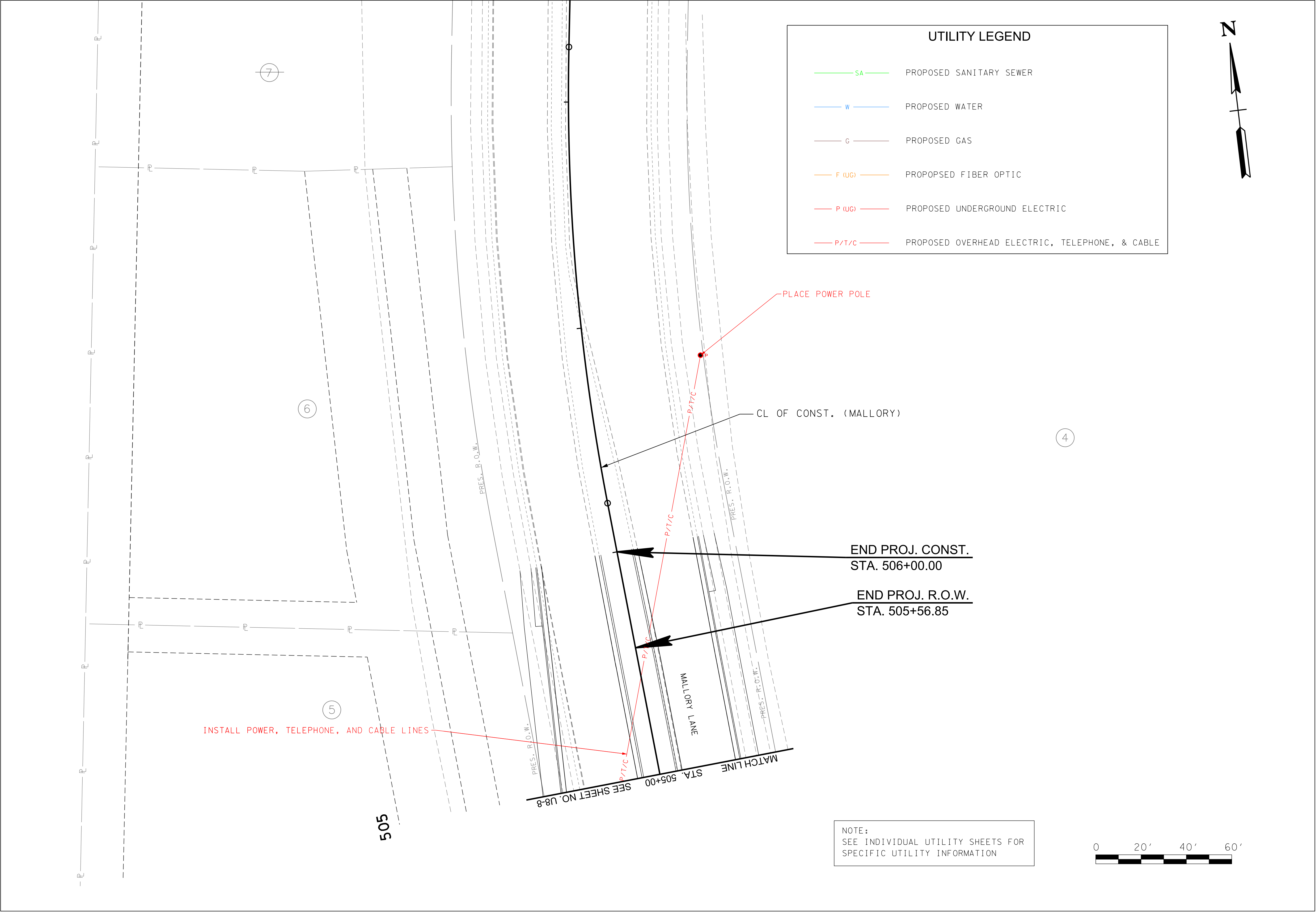
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U8-8

REVISIONS
NO. DATE BY DESCRIPTION

Volkert
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

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PHONE: (615) 656-1845 FAX: (615) 656-1870

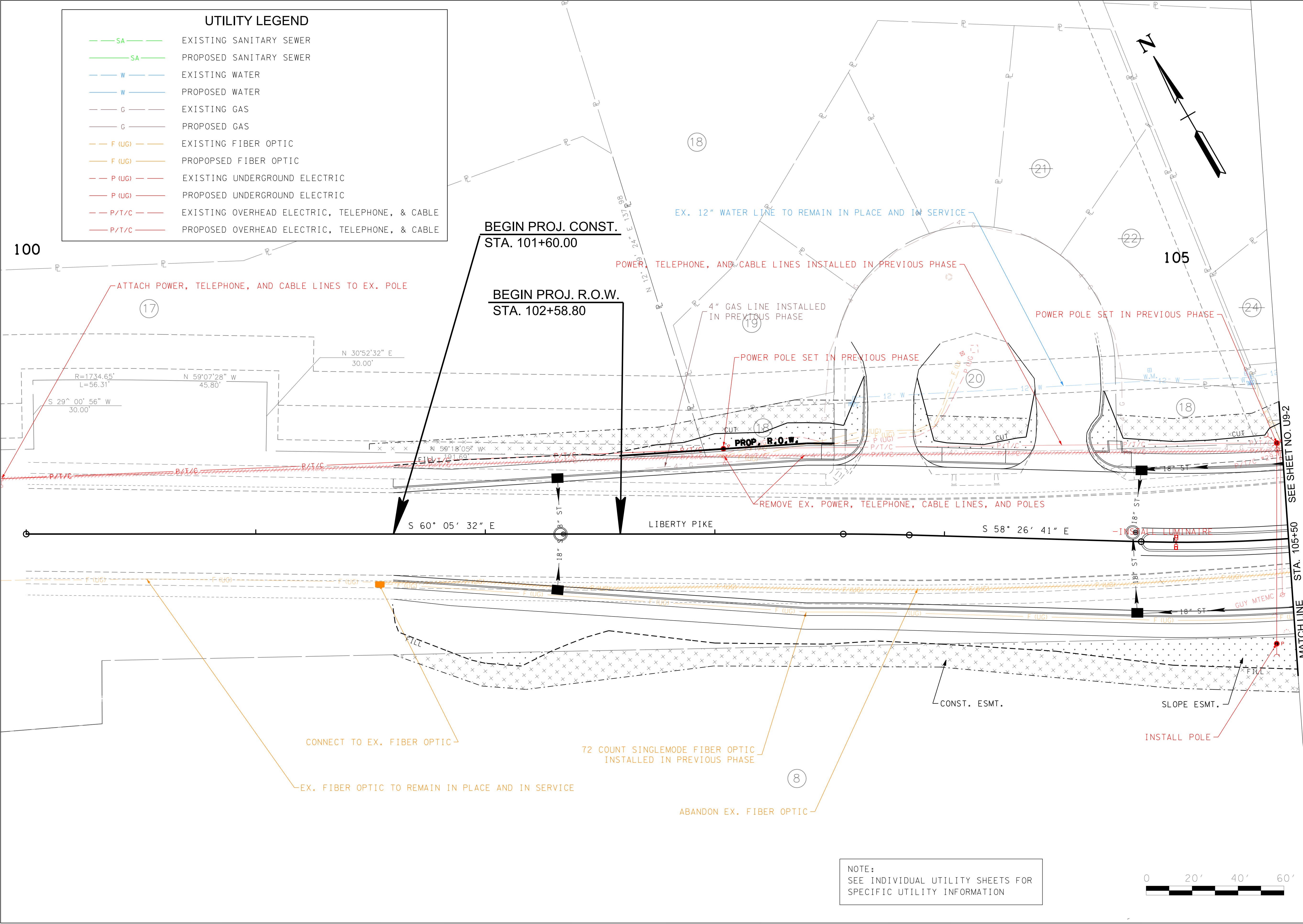
OVERALL UTILITY RELOCATION PHASING
PHASE 1

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
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YEAR: 2023

SHEET NO:U8-9



REVISIONS		DESCRIPTION
NO	DATE	BY

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PHASING
PHASE 2

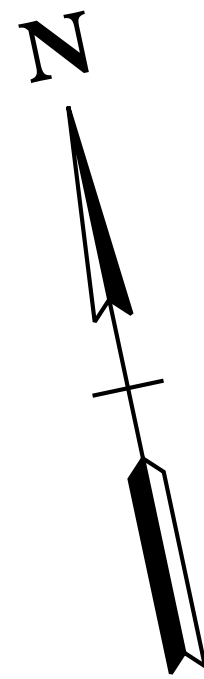
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U9-1

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION



MATCHLINE
STA. 105+50
SEE SHEET NO. U9-1

SEE SHEET NO. U9-3
STA. 201+50
MATCHLINE

UTILITY LEGEND	
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER
	PROPOSED WATER
	EXISTING GAS
	PROPOSED GAS
	EXISTING FIBER OPTIC
	PROPOSED FIBER OPTIC
	EXISTING UNDERGROUND ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC
	EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
	PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

LIBERTY PIKE 200+00.00 =
STANWICK STA. 600+00.15
N 581023.7745
E 1723639.7280

STANWICK 600+38.11 =
ROUND 1 STA. 13+62.51
N 581112.5940
E 1723641.0547

LIBERTY PIKE 108+21.87 =
ROUND 1 STA. 10+00.00
N 581011.0071
E 1723576.8126

STA. 600+00.00 STANWICK =
STA. 108+80.12 LIBERTY
N 581074.9638
E 1723635.0294

LIBERTY PIKE 200+64.04 =
ROUND 1 STA. 12+31.30
N 5810118.6627
E 1723703.5666



REVISIONS	
NO.	DESCRIPTION

OVERALL UTILITY RELOCATION PHASING
PHASE 2

Volkert

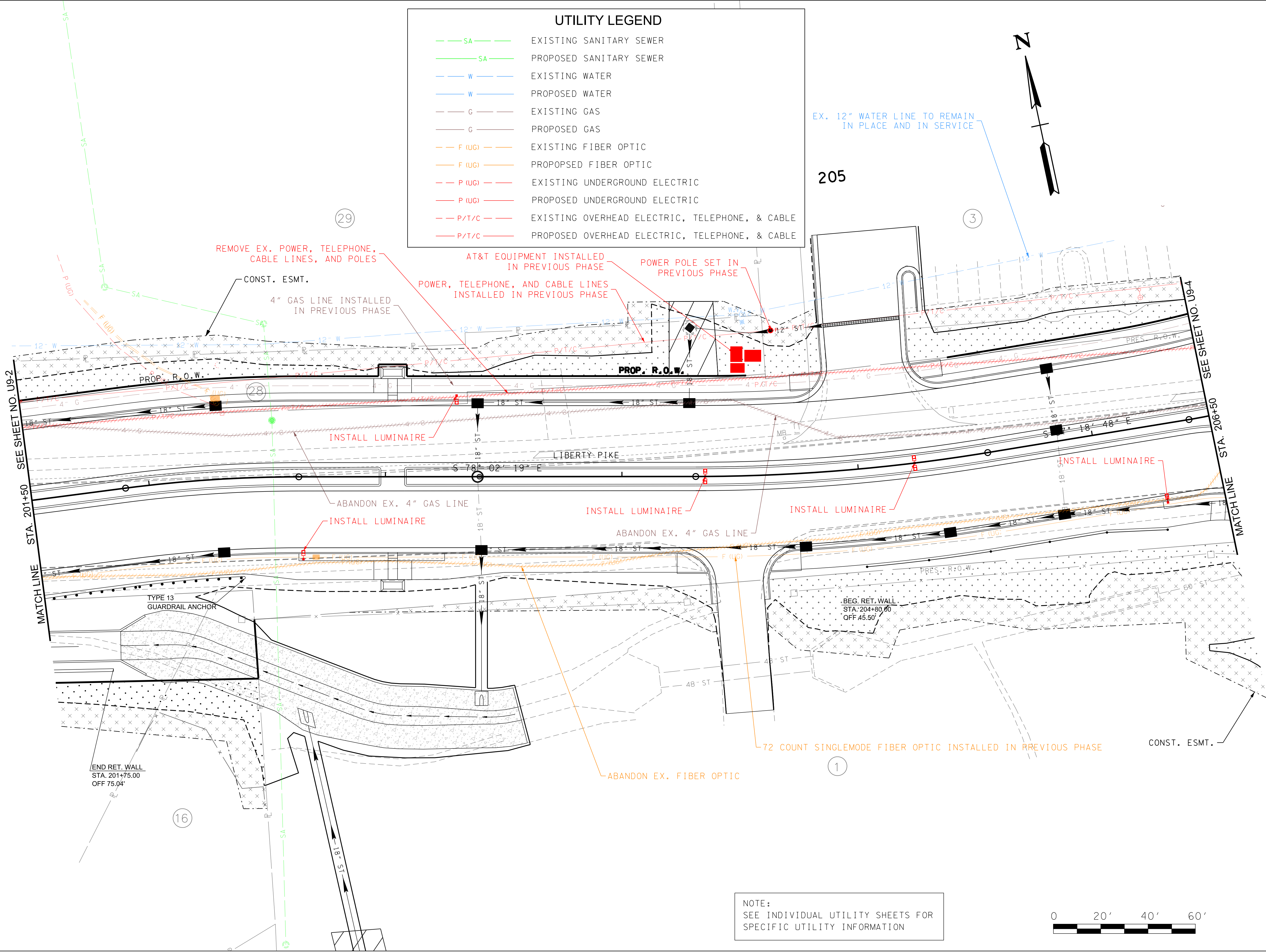
BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U9-2



REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

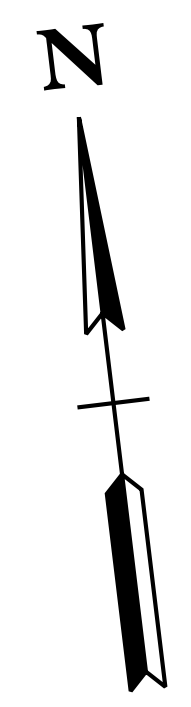
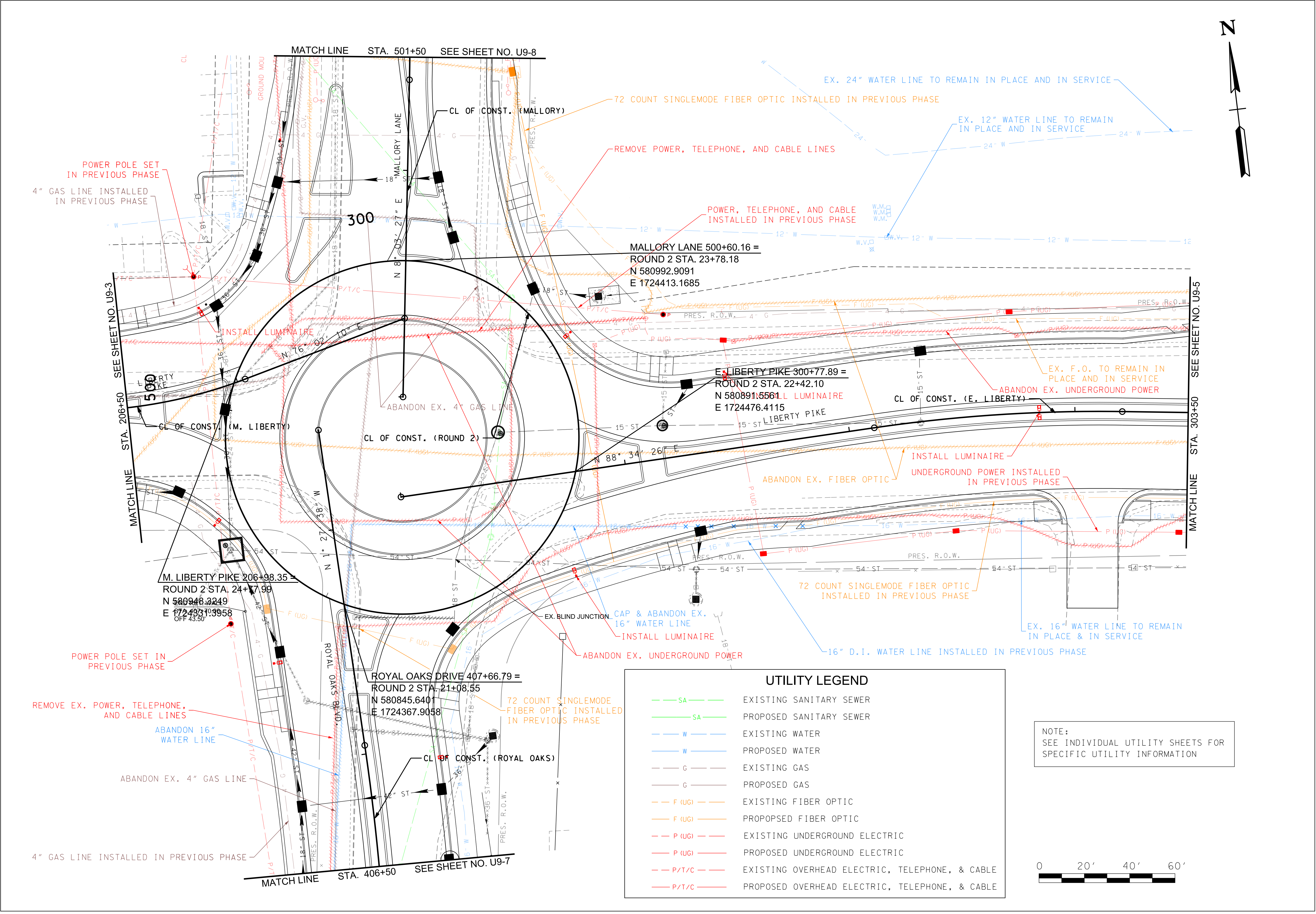
OVERALL UTILITY RELOCATION PHASING
PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U9-3



UTILITY LEGEND	
	SA EXISTING SANITARY SEWER
	SA PROPOSED SANITARY SEWER
	W EXISTING WATER
	W PROPOSED WATER
	G EXISTING GAS
	G PROPOSED GAS
	F (UG) EXISTING FIBER OPTIC
	F (UG) PROPOSED FIBER OPTIC
	P (UG) EXISTING UNDERGROUND ELECTRIC
	P (UG) PROPOSED UNDERGROUND ELECTRIC
	P/T/C EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
	P/T/C PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION



REVISIONS	
NO	DESCRIPTION

OVERALL UTILITY RELOCATION PHASING
PHASE 2

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

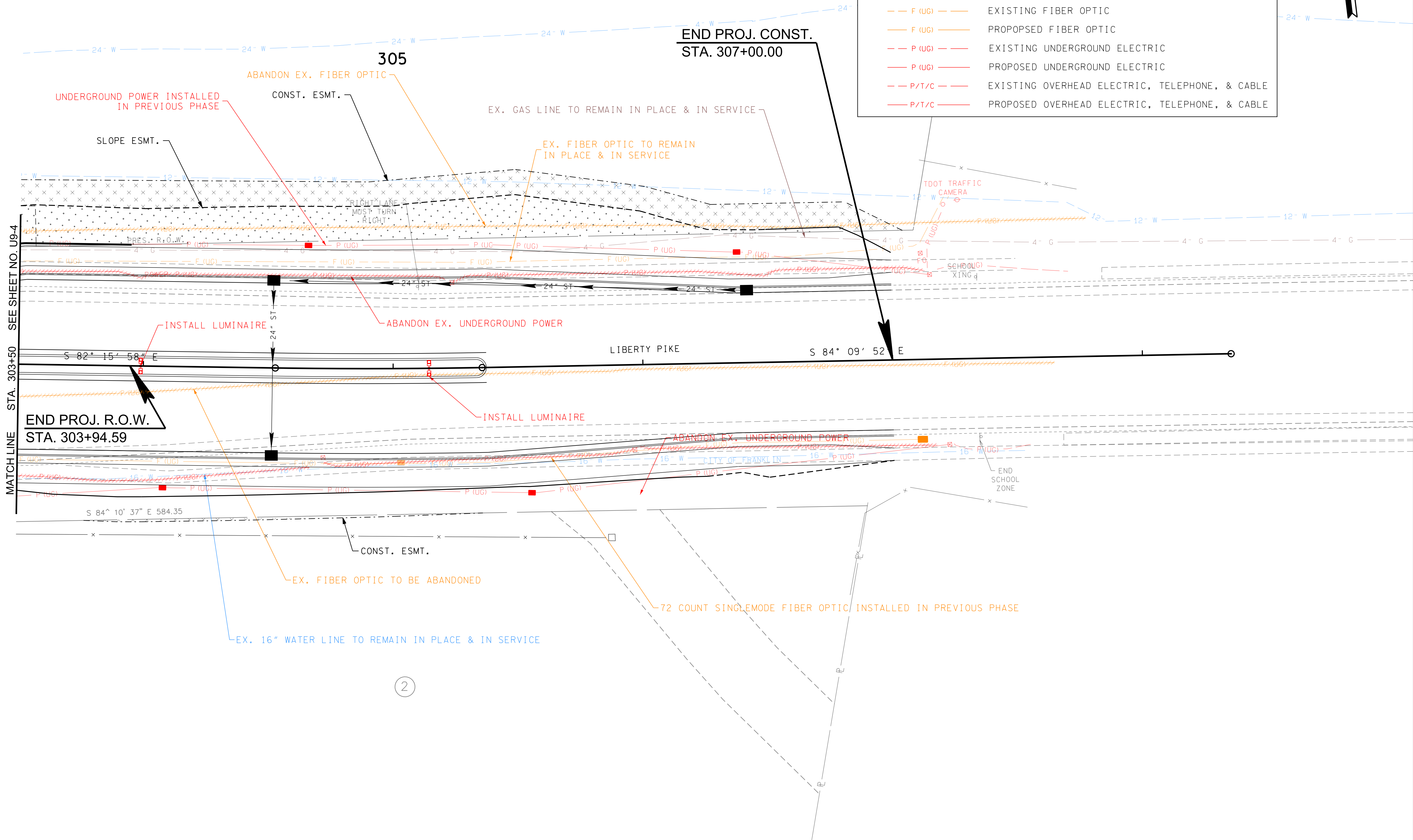
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO: U9-4

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

4



2

REVISIONS		DESCRIPTION	
NO	DATE	BY	

OVERALL UTILITY RELOCATION PHASING
PHASE 2

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PHASING
PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____

DESIGNED BY: _____

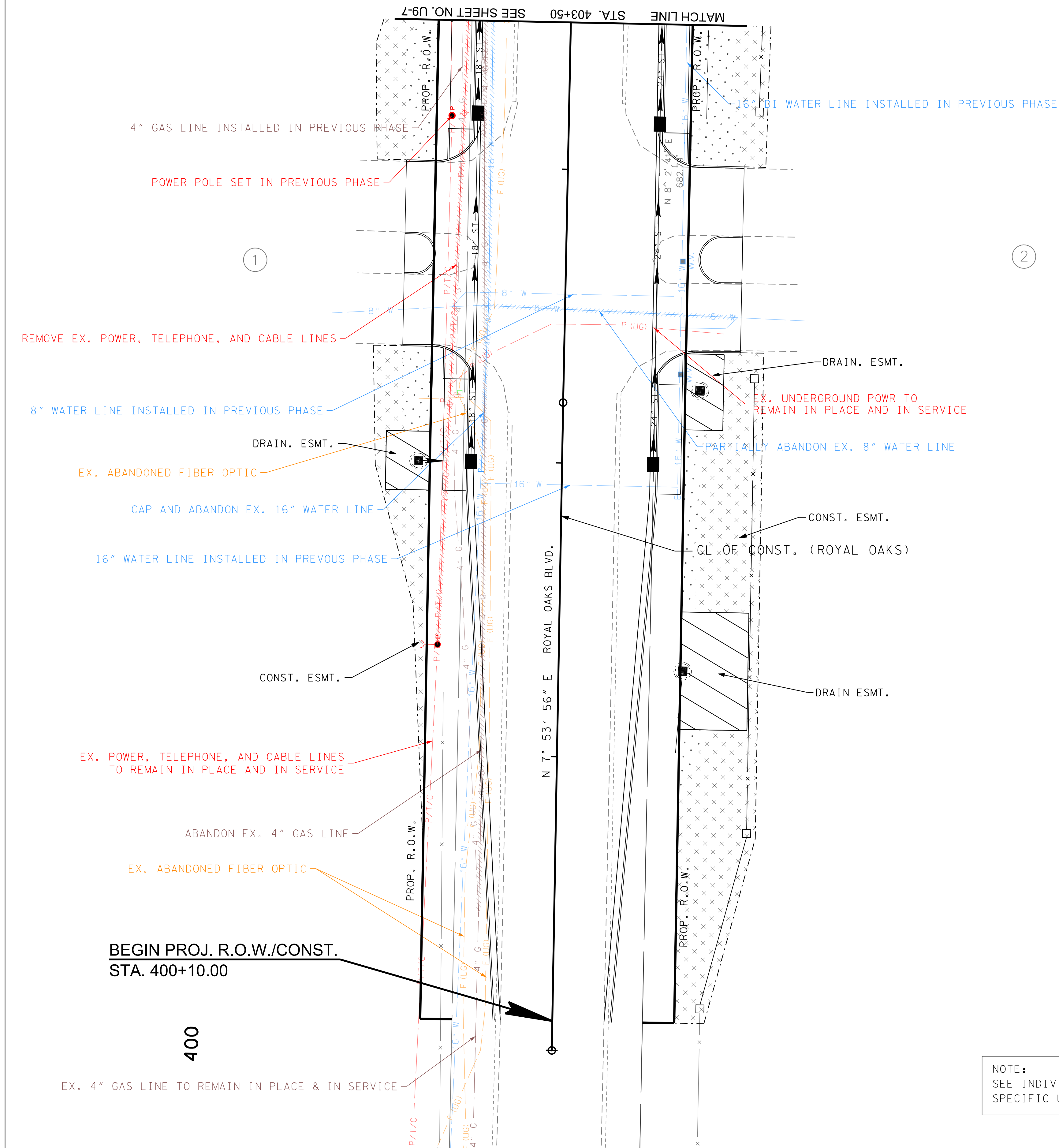
DRAWN BY: _____

SUPERVISED BY: _____

CHECKED BY: _____

YEAR: 2023

SHEET NO: U9-5

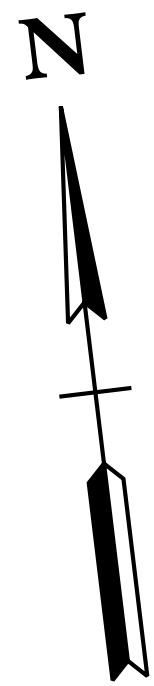


NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

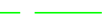
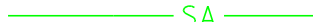
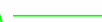
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PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870



UTILITY LEGEND

 SA 	EXISTING SANITARY SEWER
 SA 	PROPOSED SANITARY SEWER
 W 	EXISTING WATER
 W 	PROPOSED WATER
 G 	EXISTING GAS
 G 	PROPOSED GAS
 F (UG) 	EXISTING FIBER OPTIC
 F (UG) 	PROPOSED FIBER OPTIC
 P (UG) 	EXISTING UNDERGROUND ELECTRIC
 P (UG) 	PROPOSED UNDERGROUND ELECTRIC
 P/T/C 	EXISTING OVERHEAD ELECTRIC, TELEPHONE, & CABLE
 P/T/C 	PROPOSED OVERHEAD ELECTRIC, TELEPHONE, & CABLE

NOTE:
SEE INDIVIDUAL UTILITY SHEETS FOR
SPECIFIC UTILITY INFORMATION

[illegible]

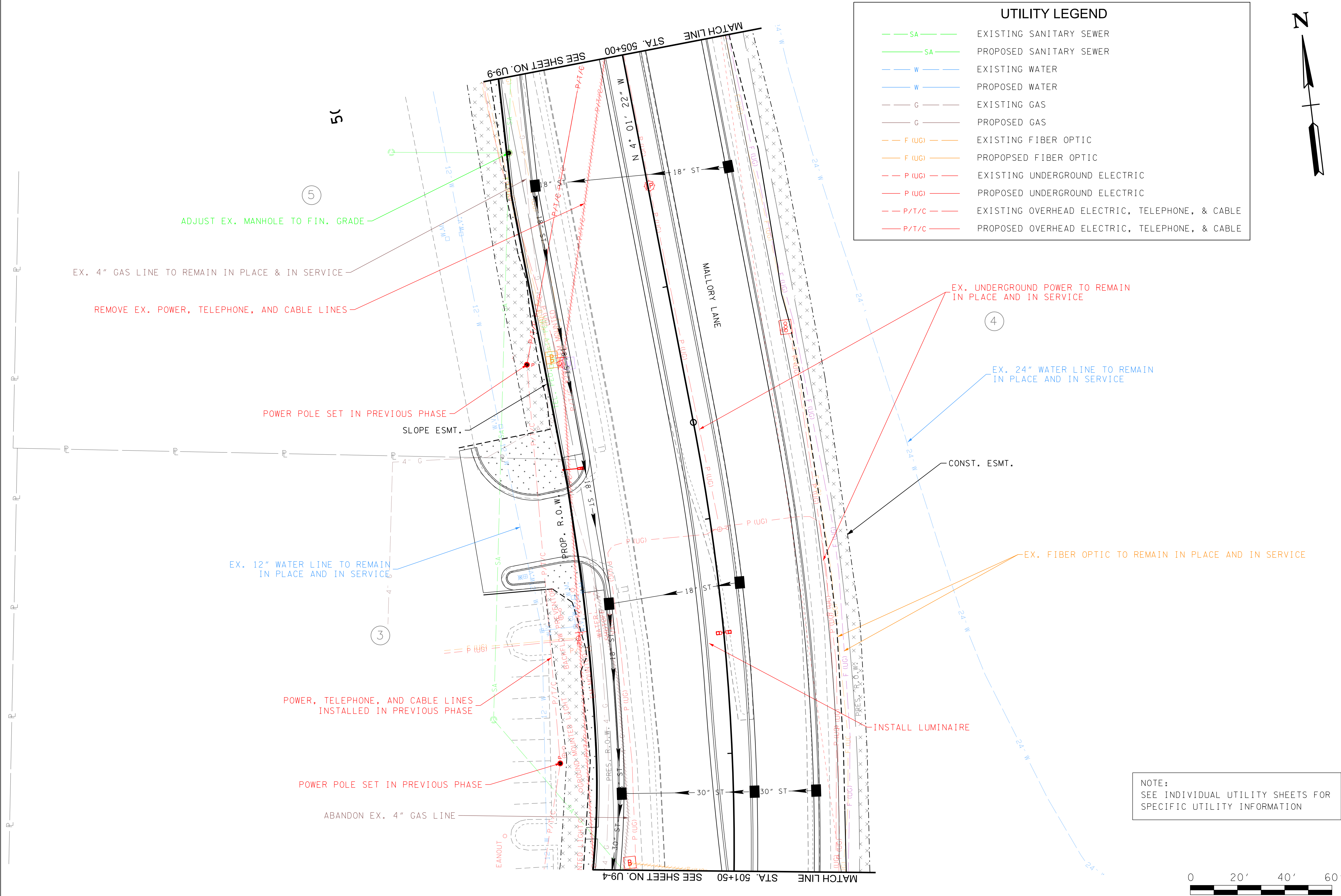
VOLKERT

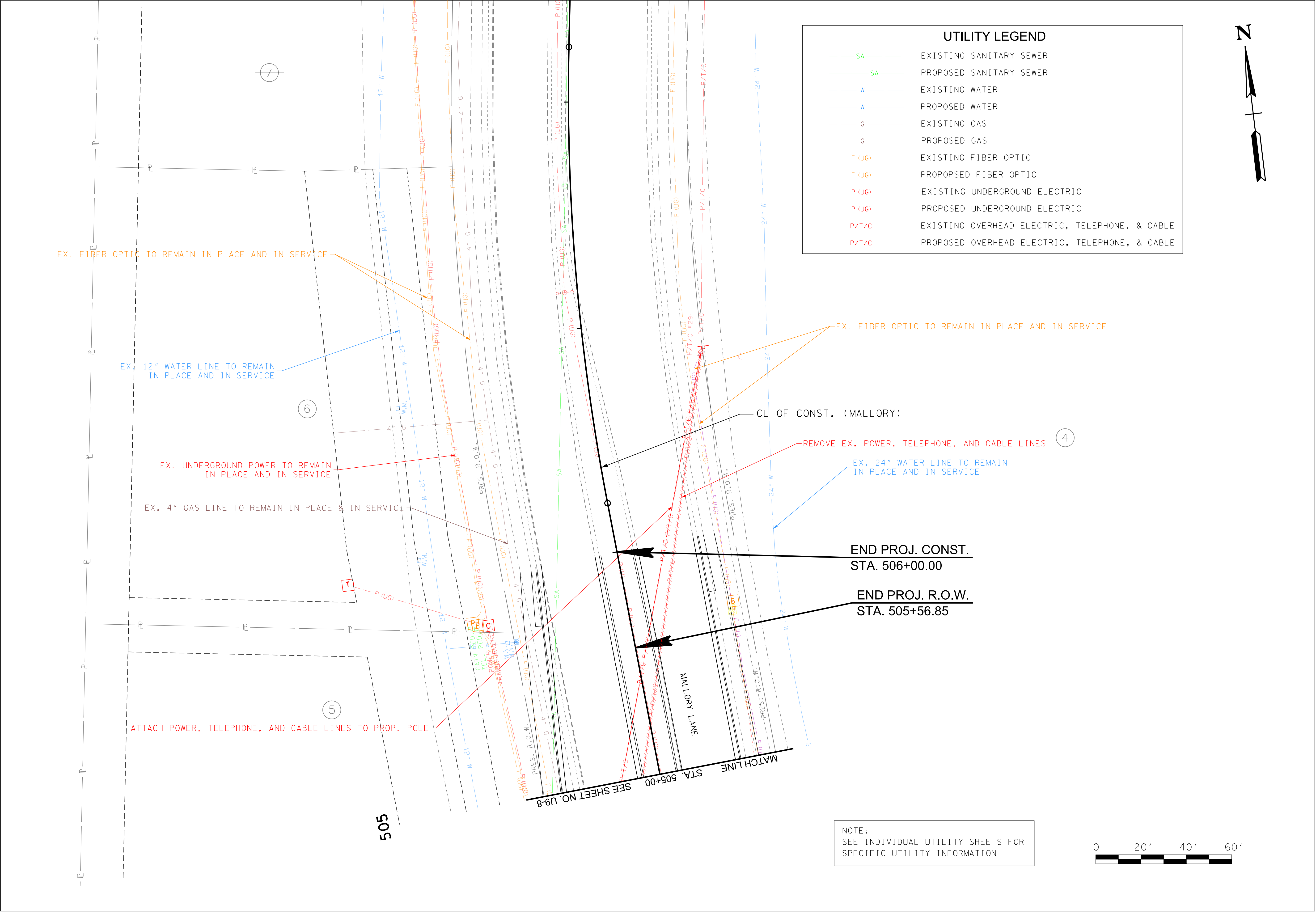
OVERALL UTILITY RELOCATION PHASING
PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023
SHEET NO: U9-7





REVISIONS		DESCRIPTION	
NO	DATE	BY	

Volkert

BRENTWOOD COMMONS, 750 OLD HICKORY BLVD.
SUITE 230-1, BRENTWOOD, TN 37027
PHONE: (615) 656-1845 FAX: (615) 656-1870

OVERALL UTILITY RELOCATION PHASING
PHASE 2

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

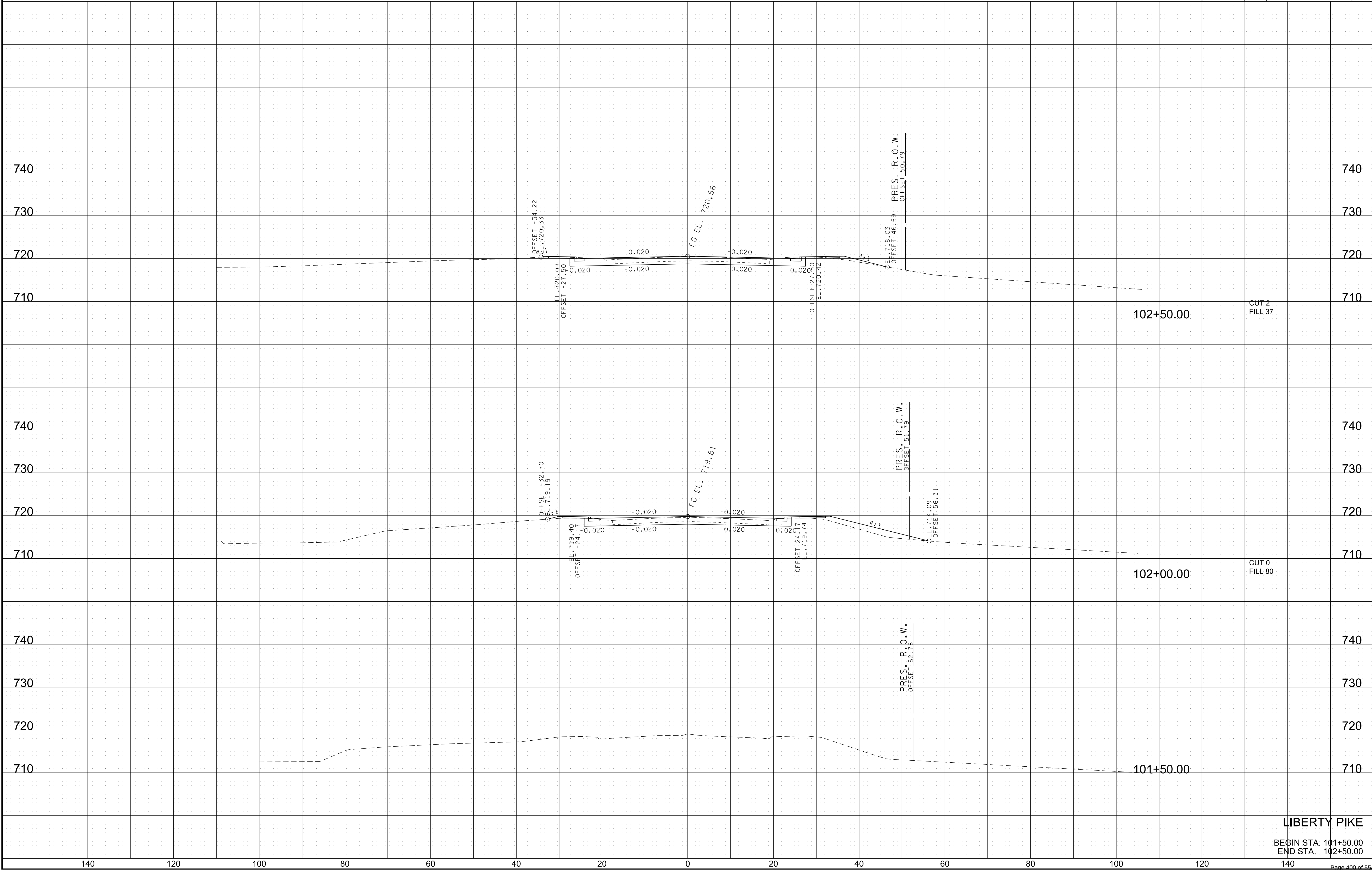
DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
SUPERVISED BY: _____
CHECKED BY: _____

YEAR: 2023

SHEET NO:U9-9

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		33

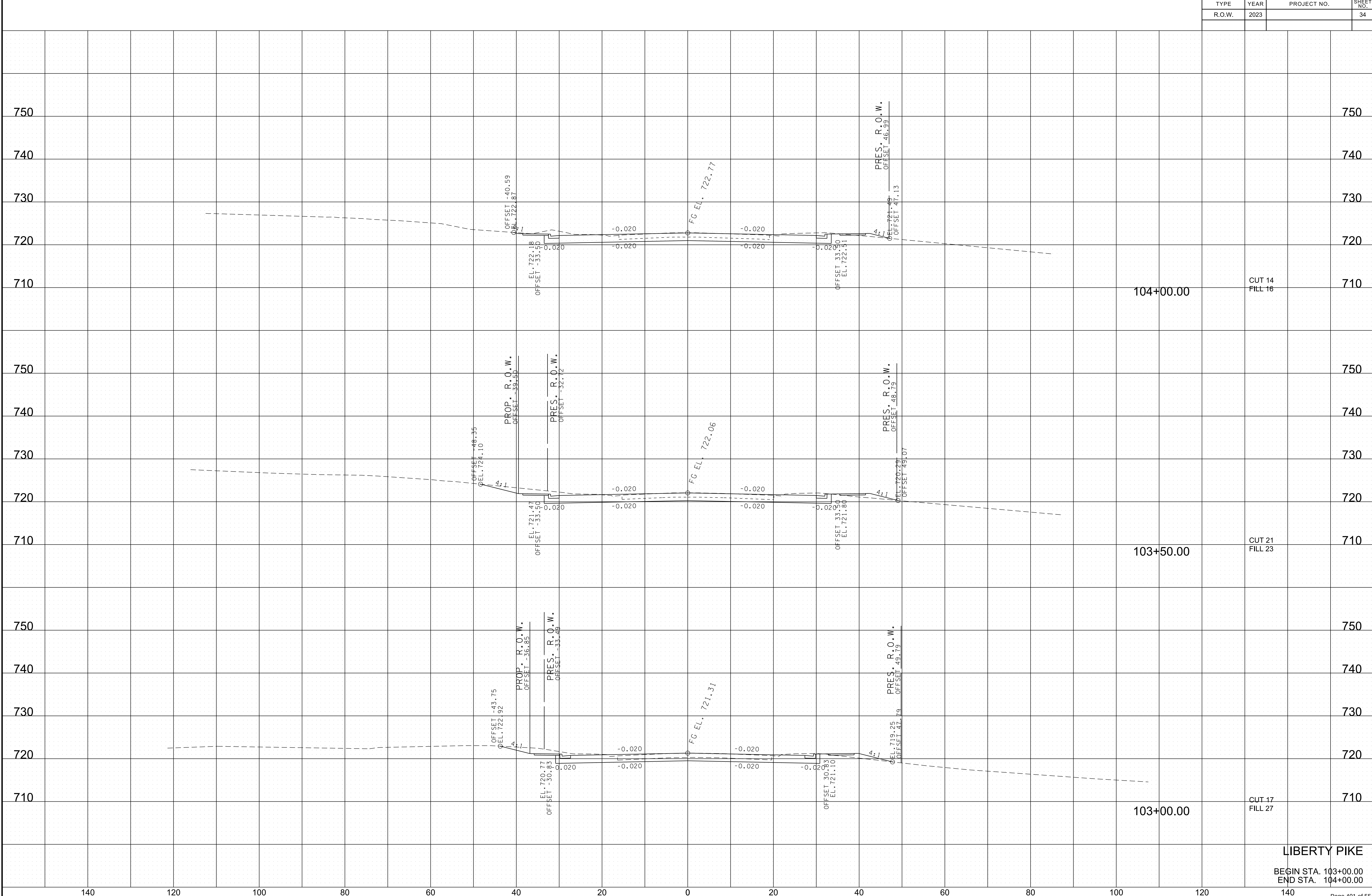


LIBERTY PIKE

BEGIN STA. 101+50.00
END STA. 102+50.00

10/25/2023 1:01:42 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		34

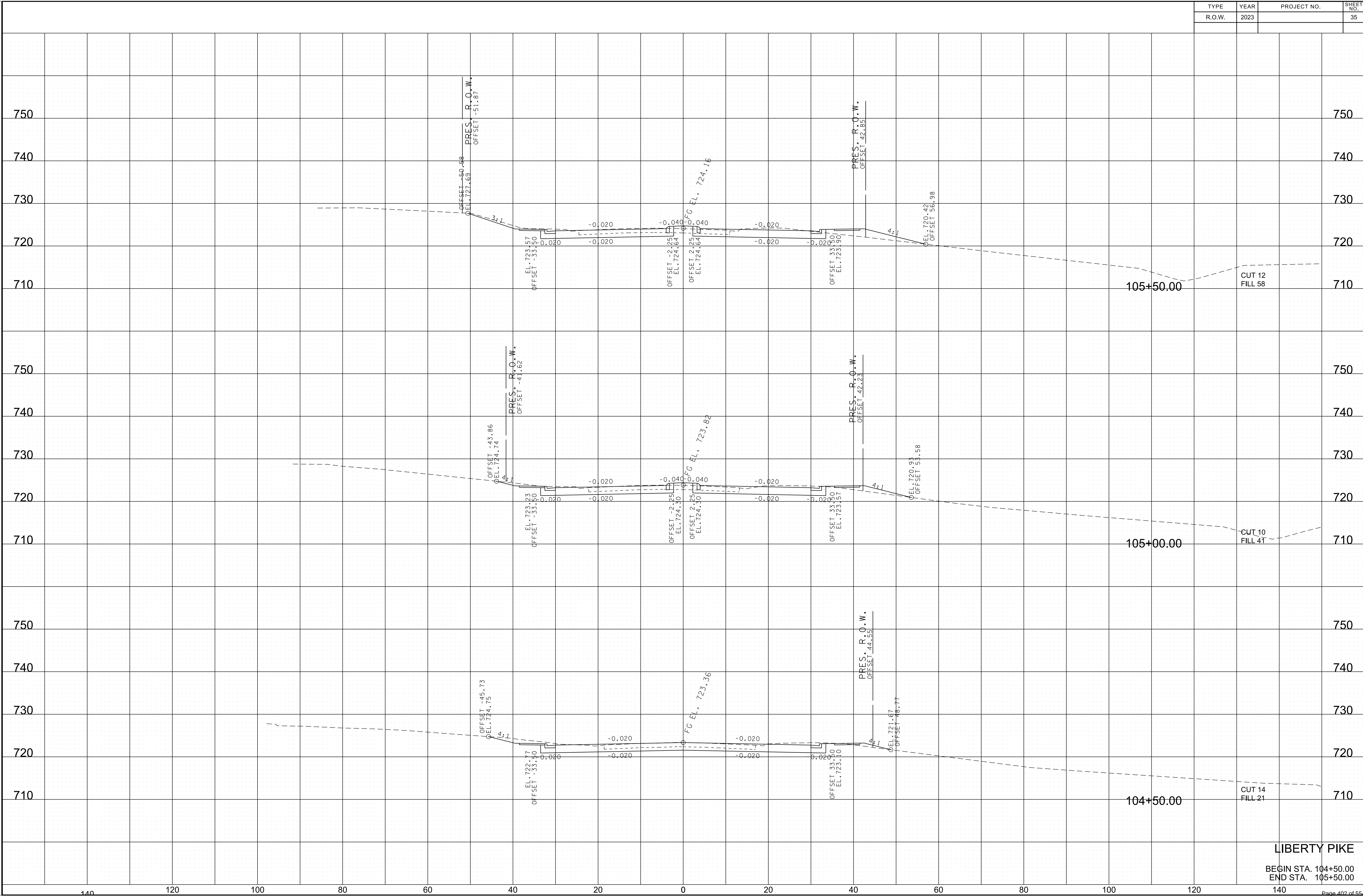


LIBERTY PIKE

BEGIN STA. 103+00.00
END STA. 104+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		35

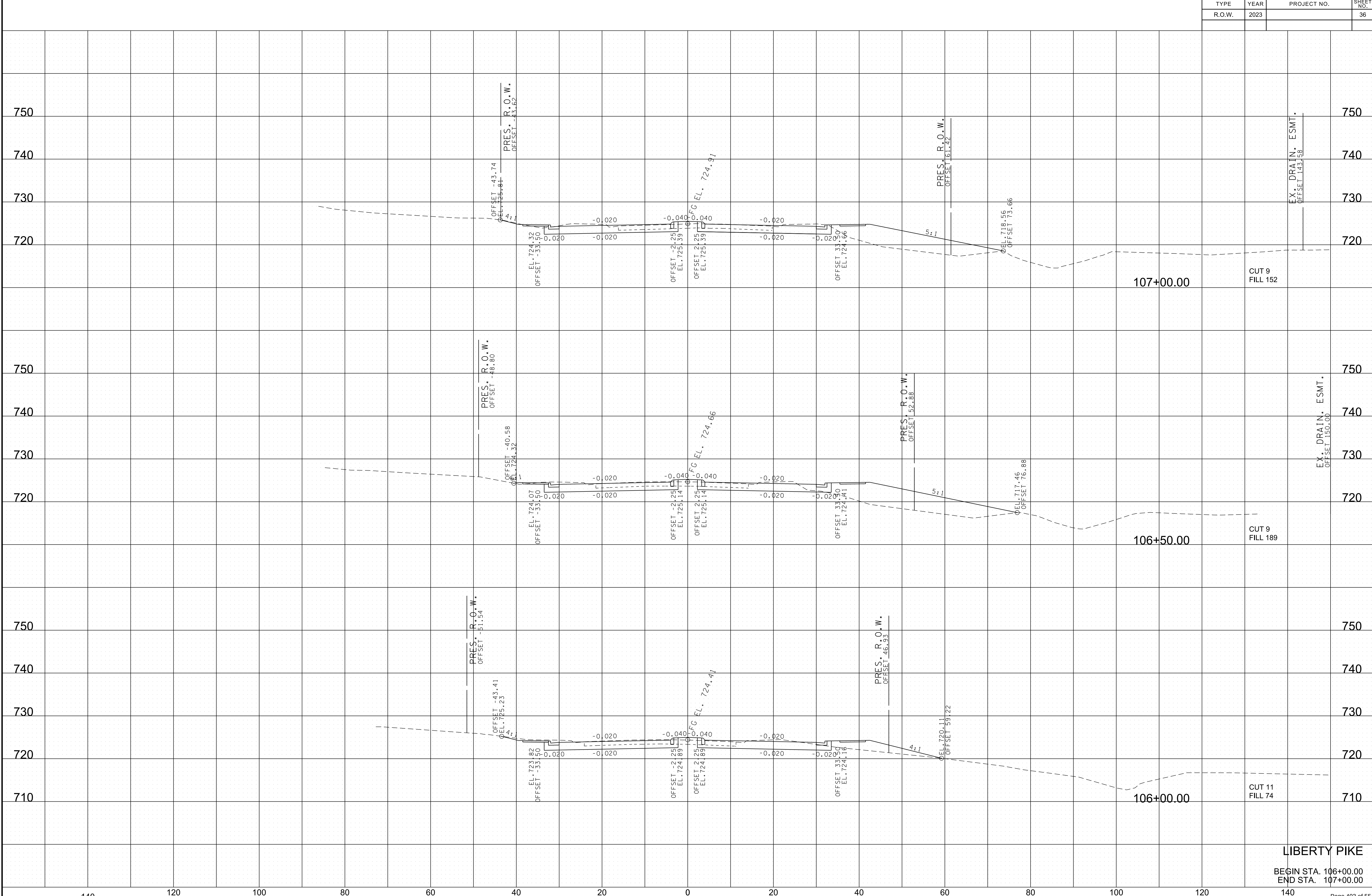


LIBERTY PIKE

BEGIN STA. 104+50.00
END STA. 105+50.00

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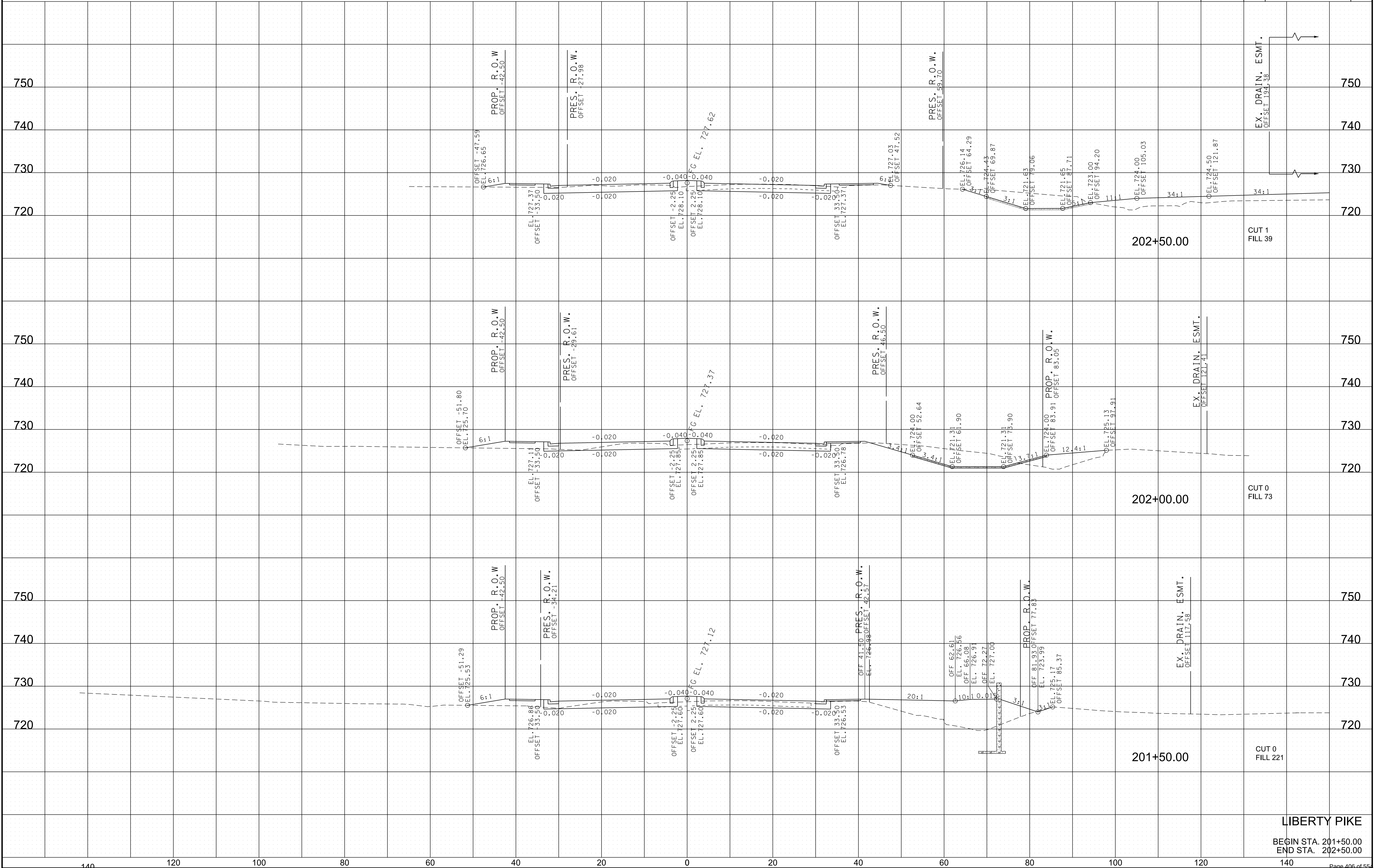
TYPE	YEAR	PROJECT NO.		SHEET NO.
R.O.W.	2023			36



LIBERTY PIKE

BEGIN STA. 106+00.00
END STA. 107+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		39

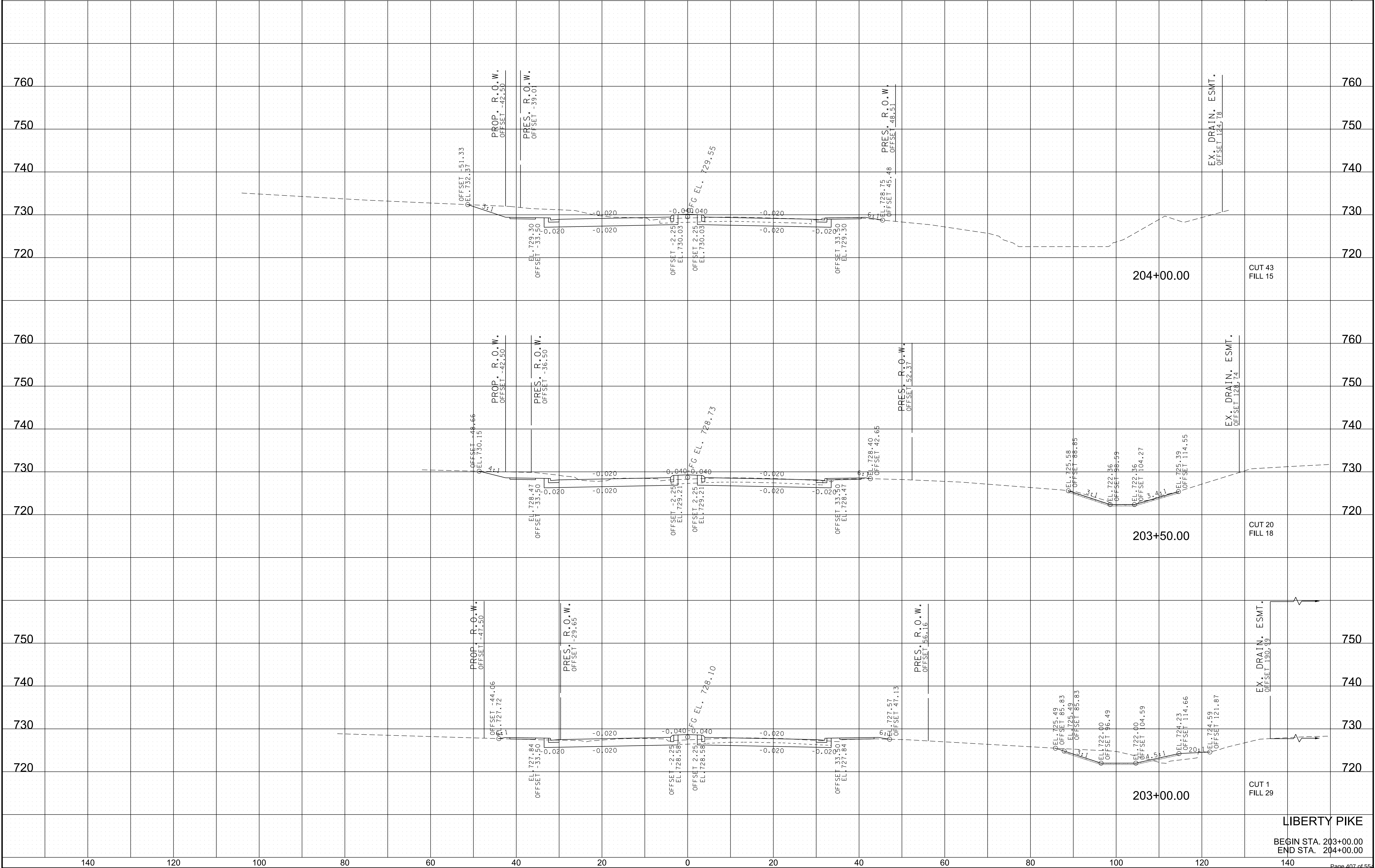


LIBERTY PIKE

BEGIN STA. 201+50.00
END STA. 202+50.00

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TYPE	YEAR	PROJECT NO.		SHEET NO.
		R.O.W.	2023	40



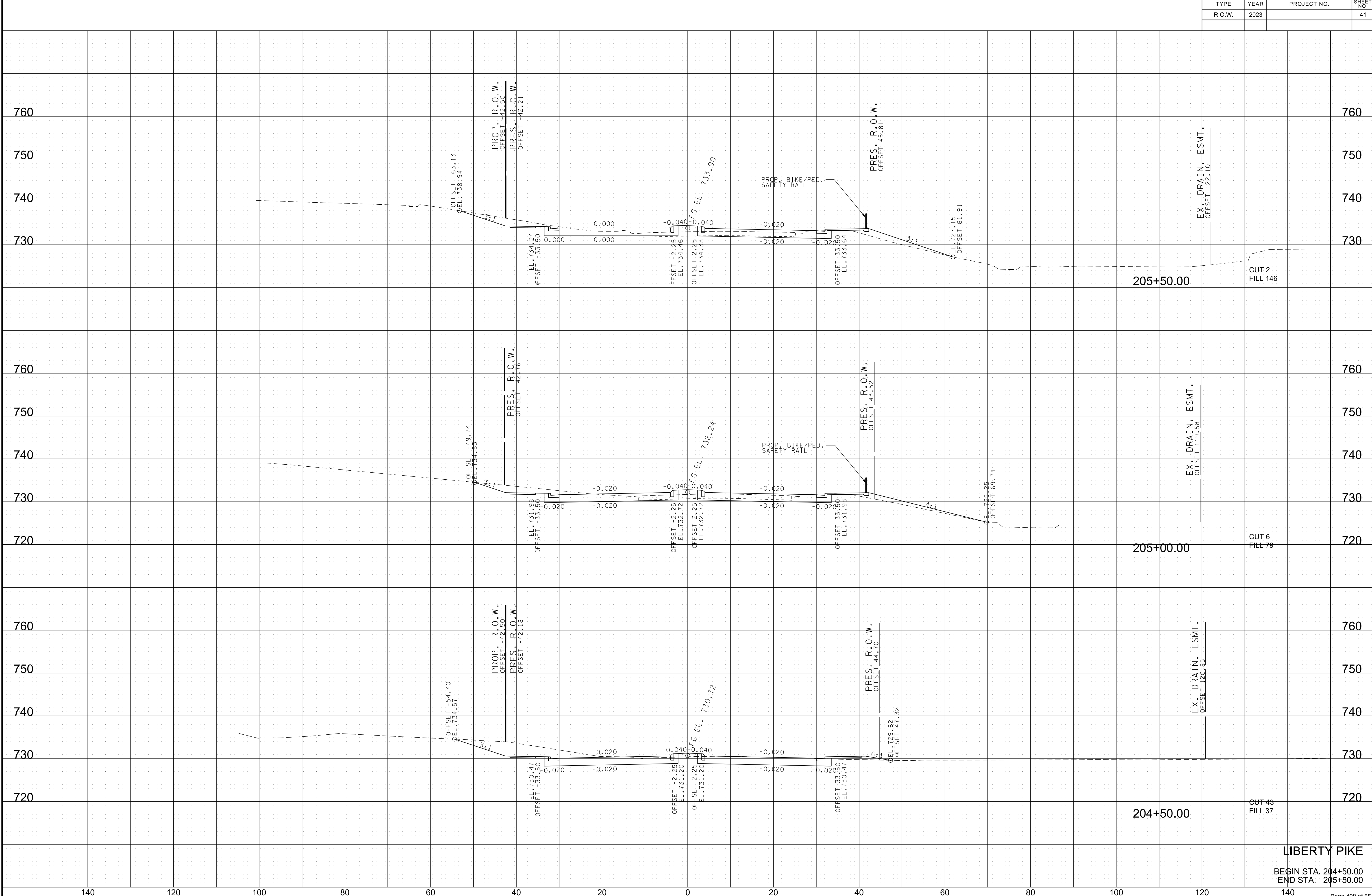
LIBERTY PIKE

BEGIN STA. 203+00.00
END STA. 204+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		41

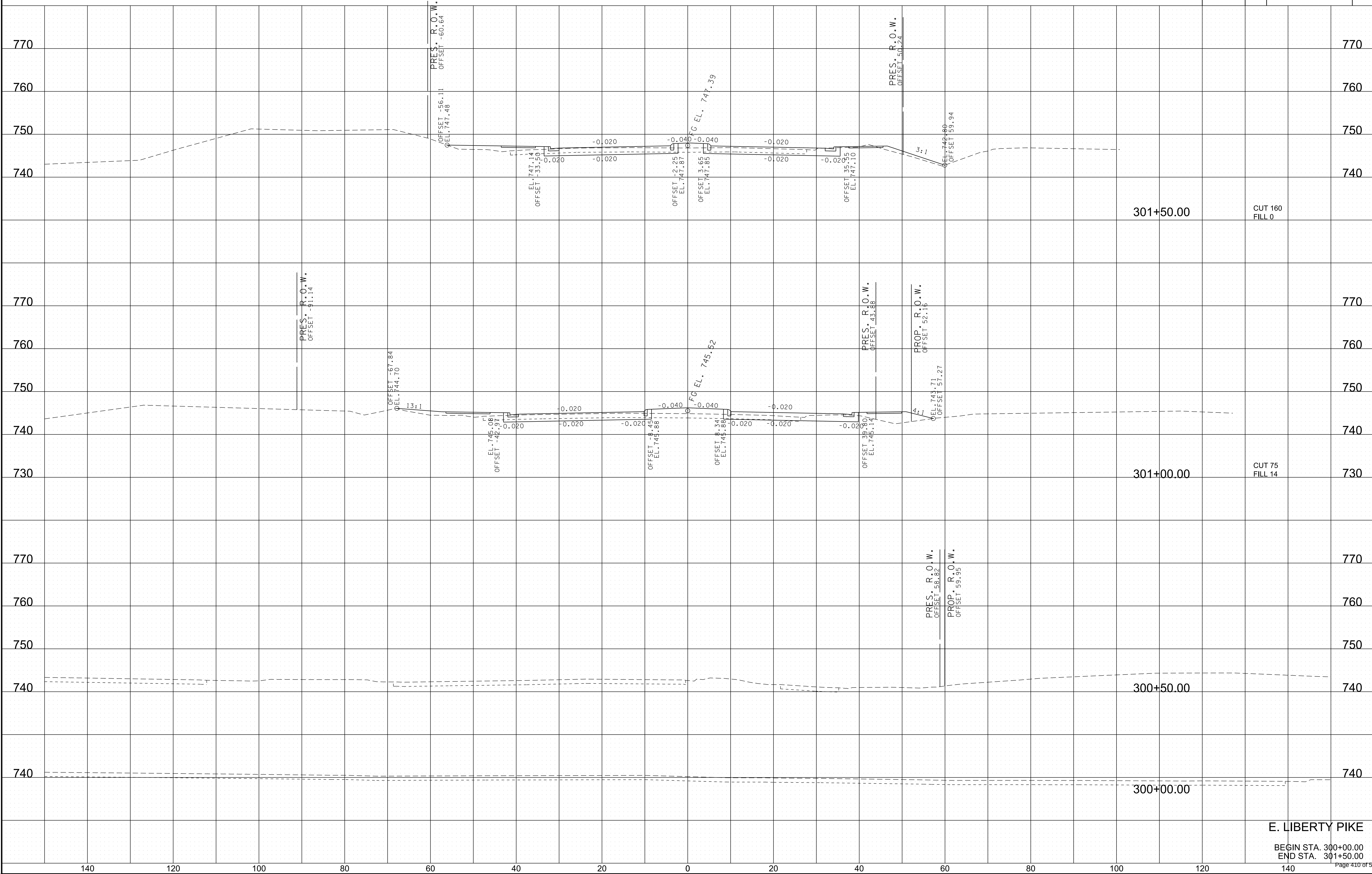


LIBERTY PIKE

BEGIN STA. 204+50.00
END STA. 205+50.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		43

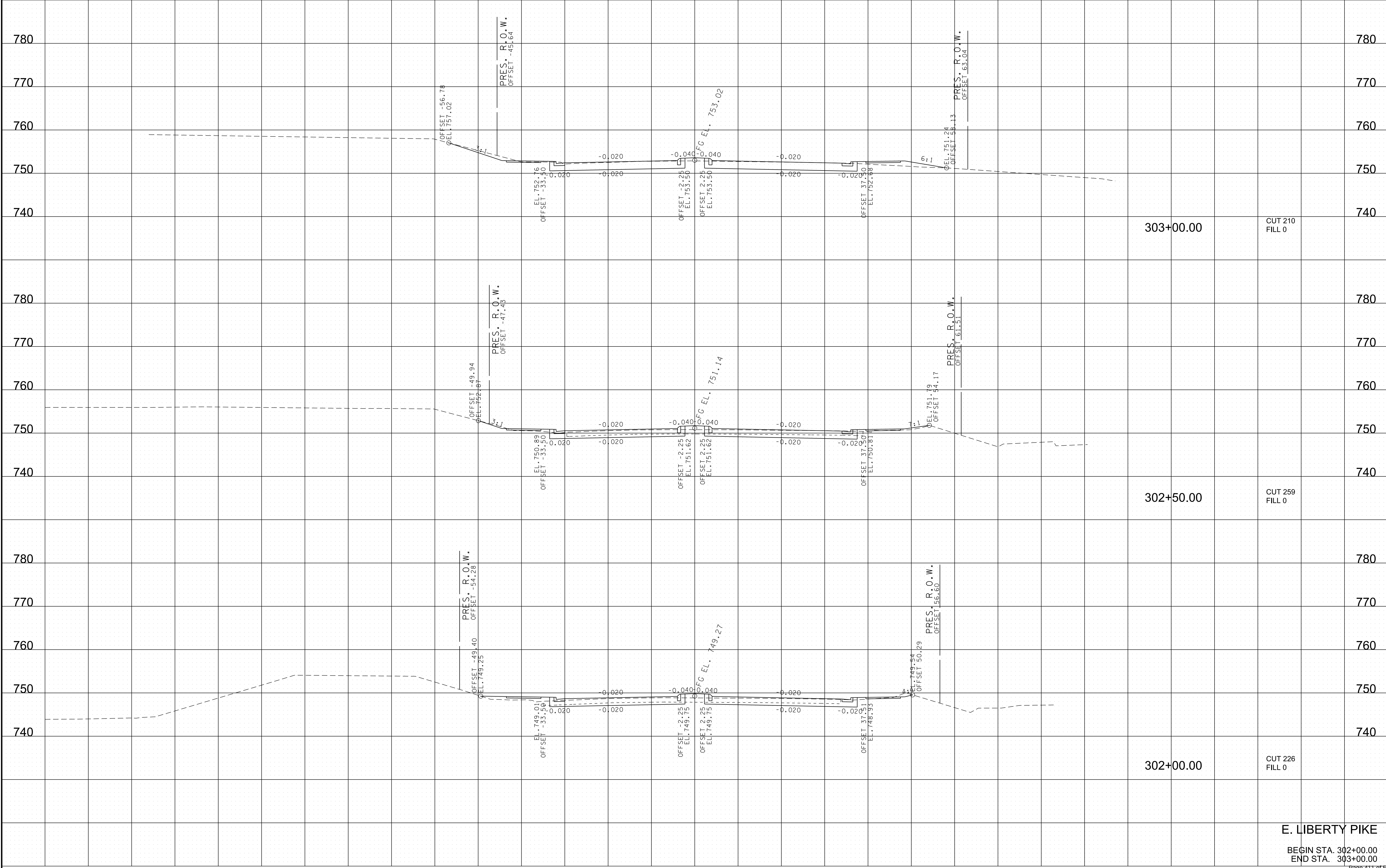


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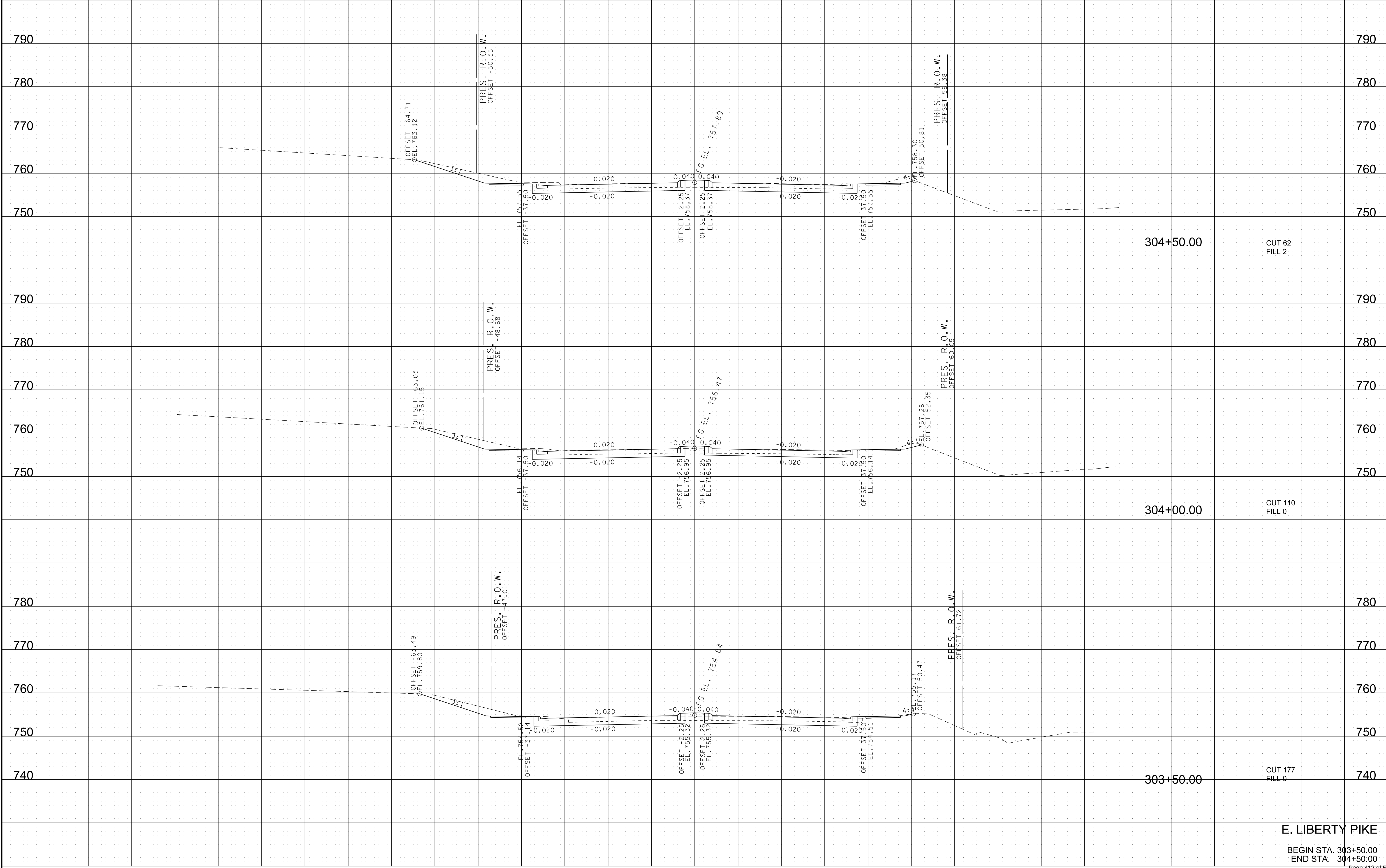
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		44

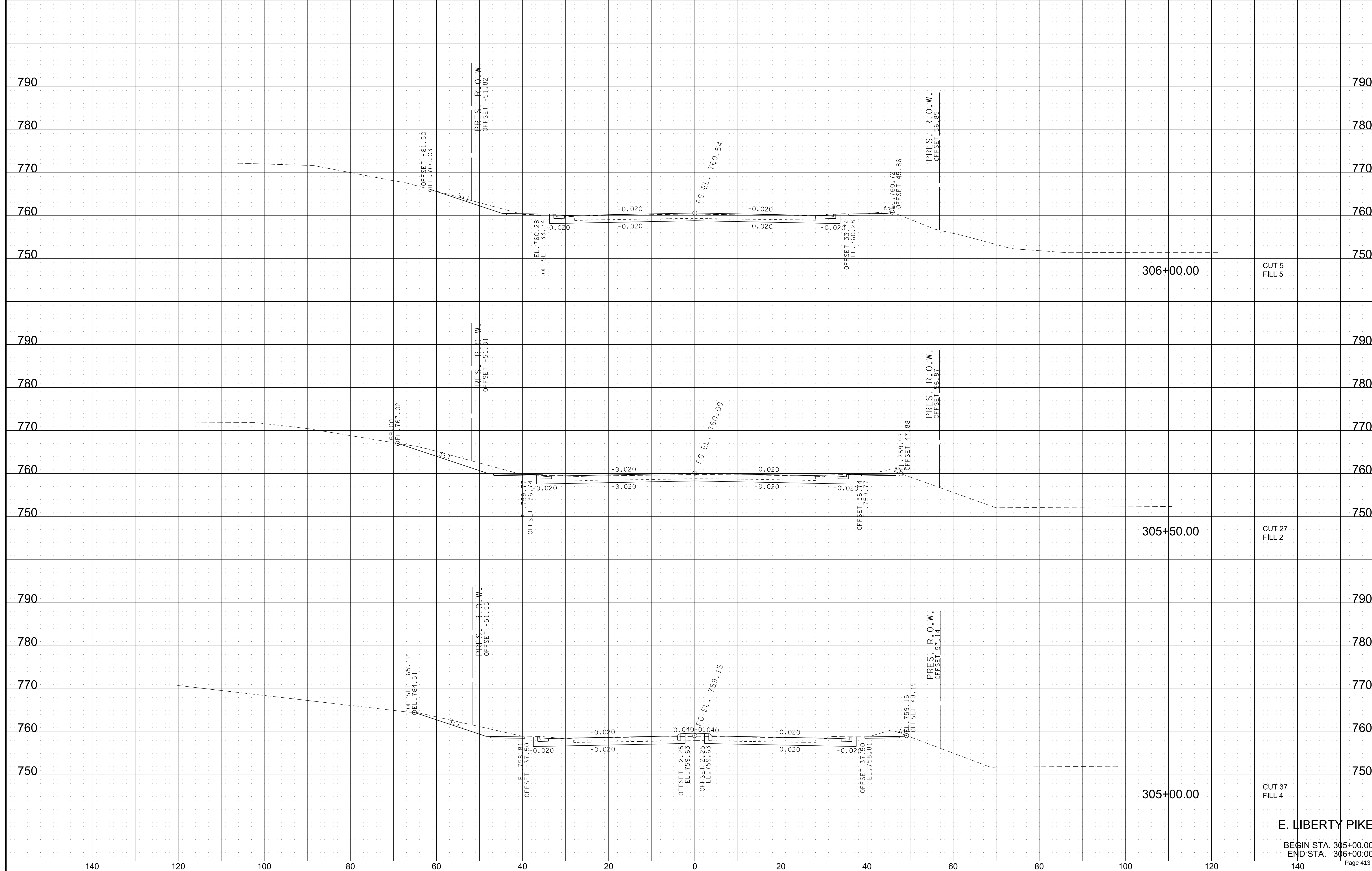


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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		45



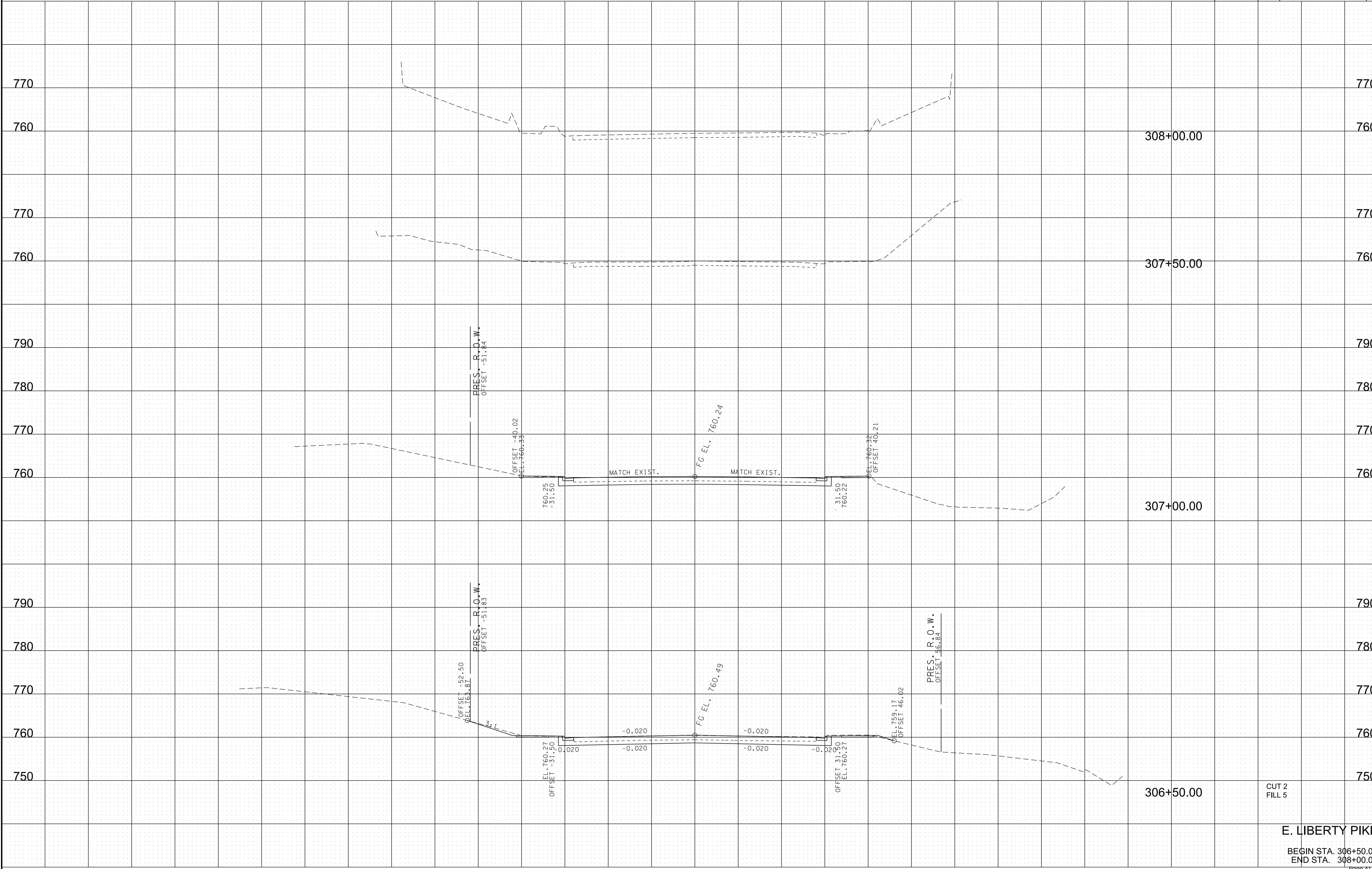
E. LIBERTY PIKE
BEGIN STA. 303+50.00
END STA. 304+50.00



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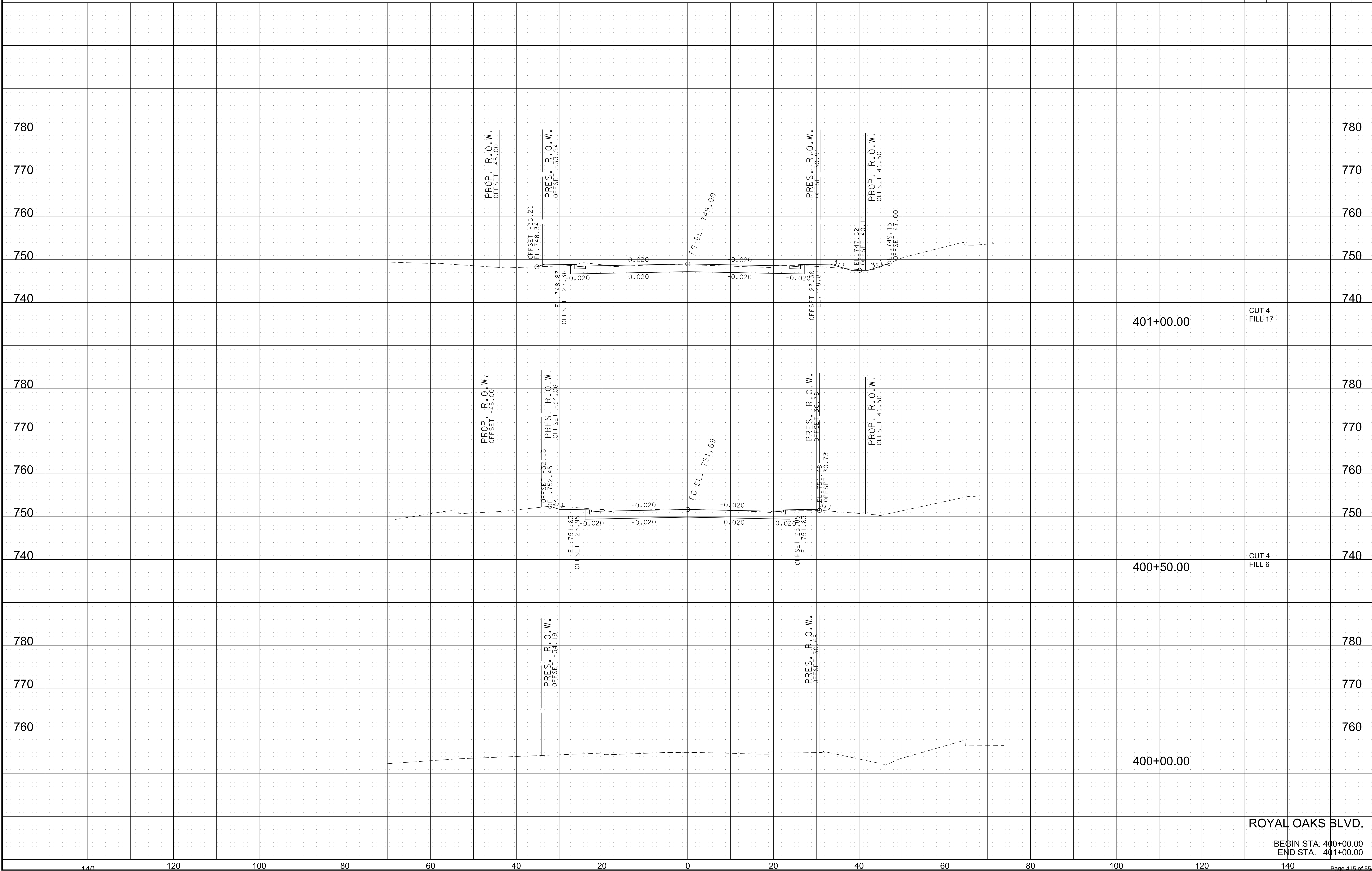
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		47

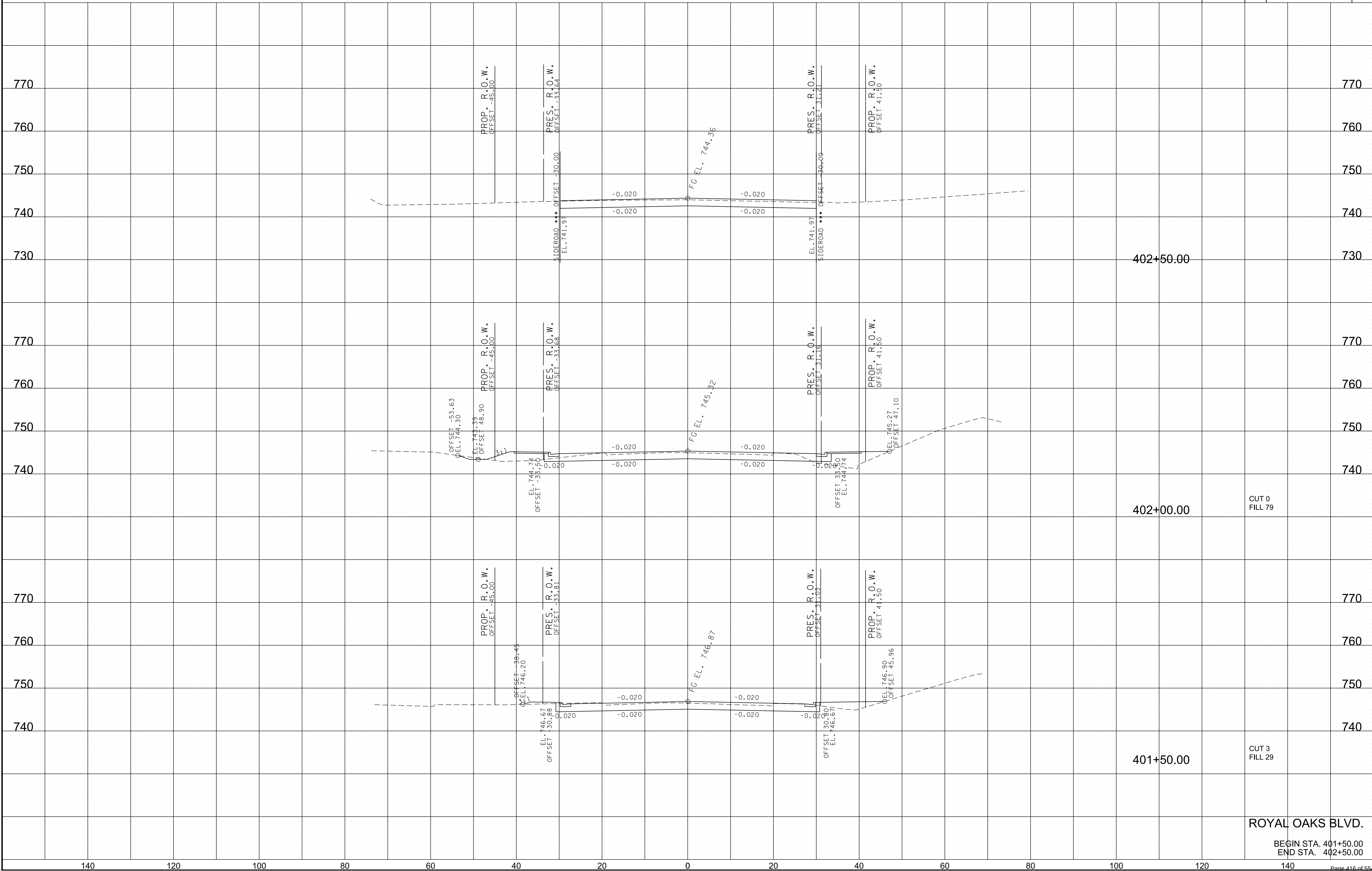


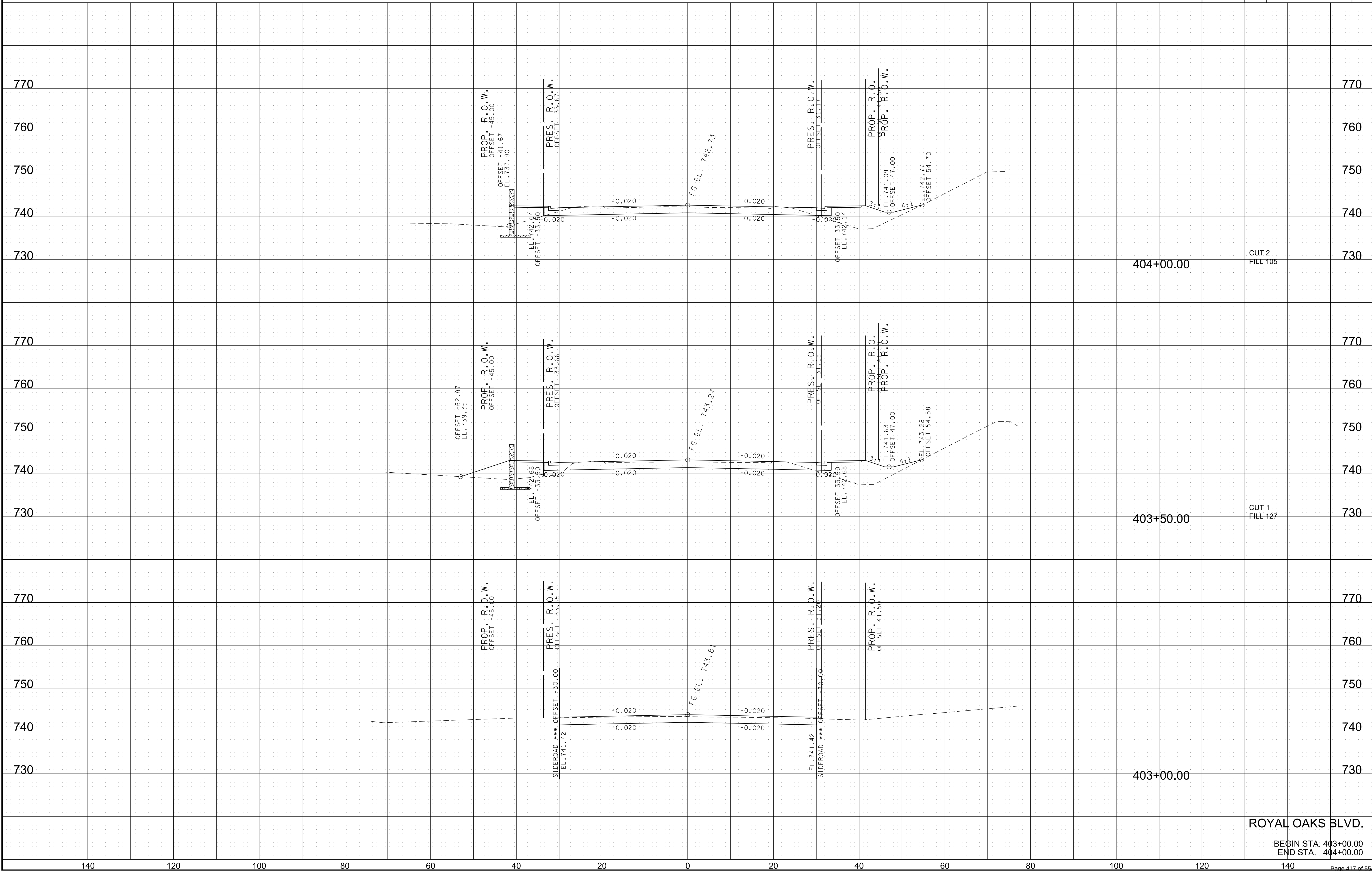
E. LIBERTY PIKE

BEGIN STA. 306+50.00
END STA. 308+00.00

CUT 2
FILL 5

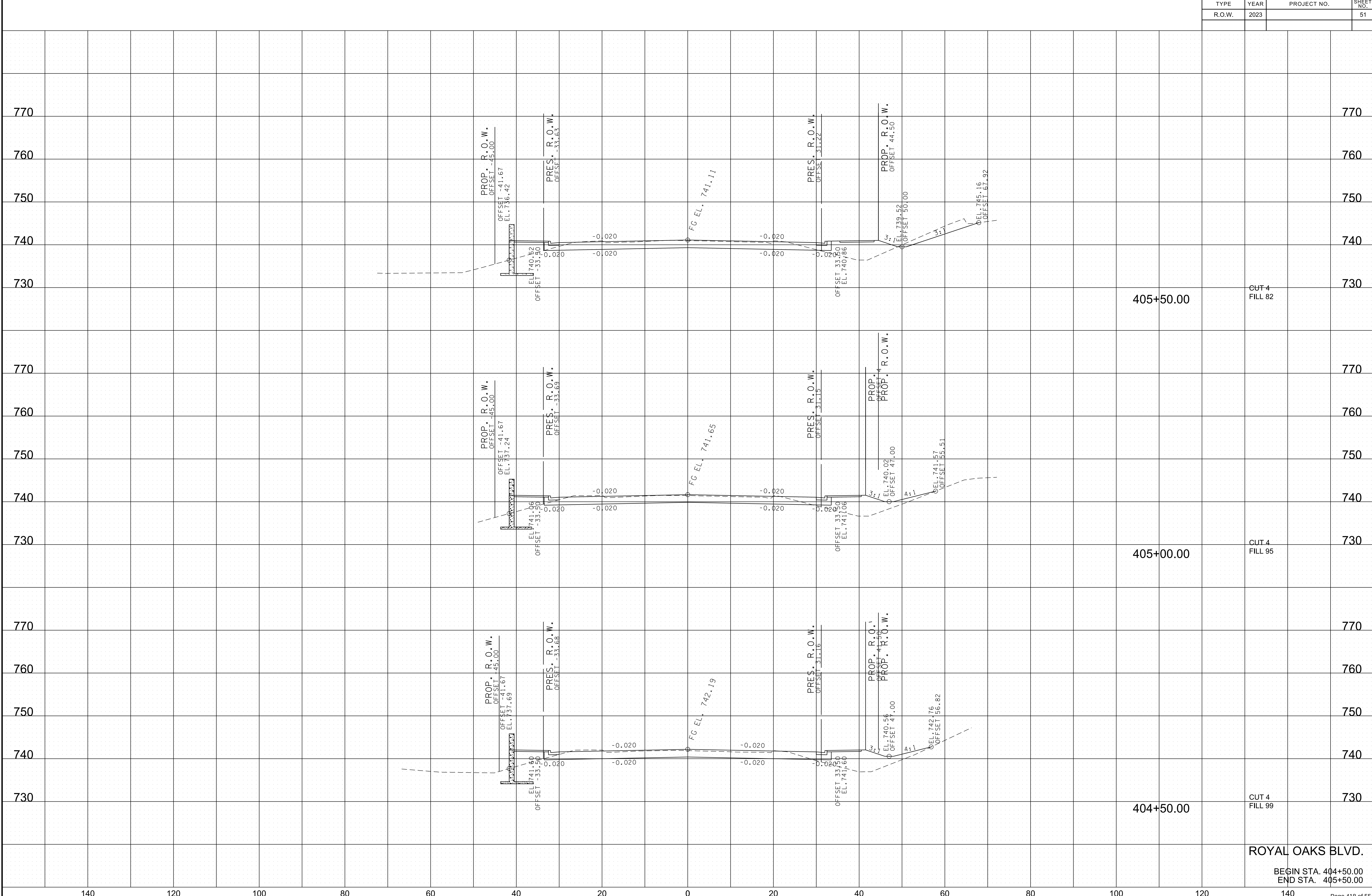




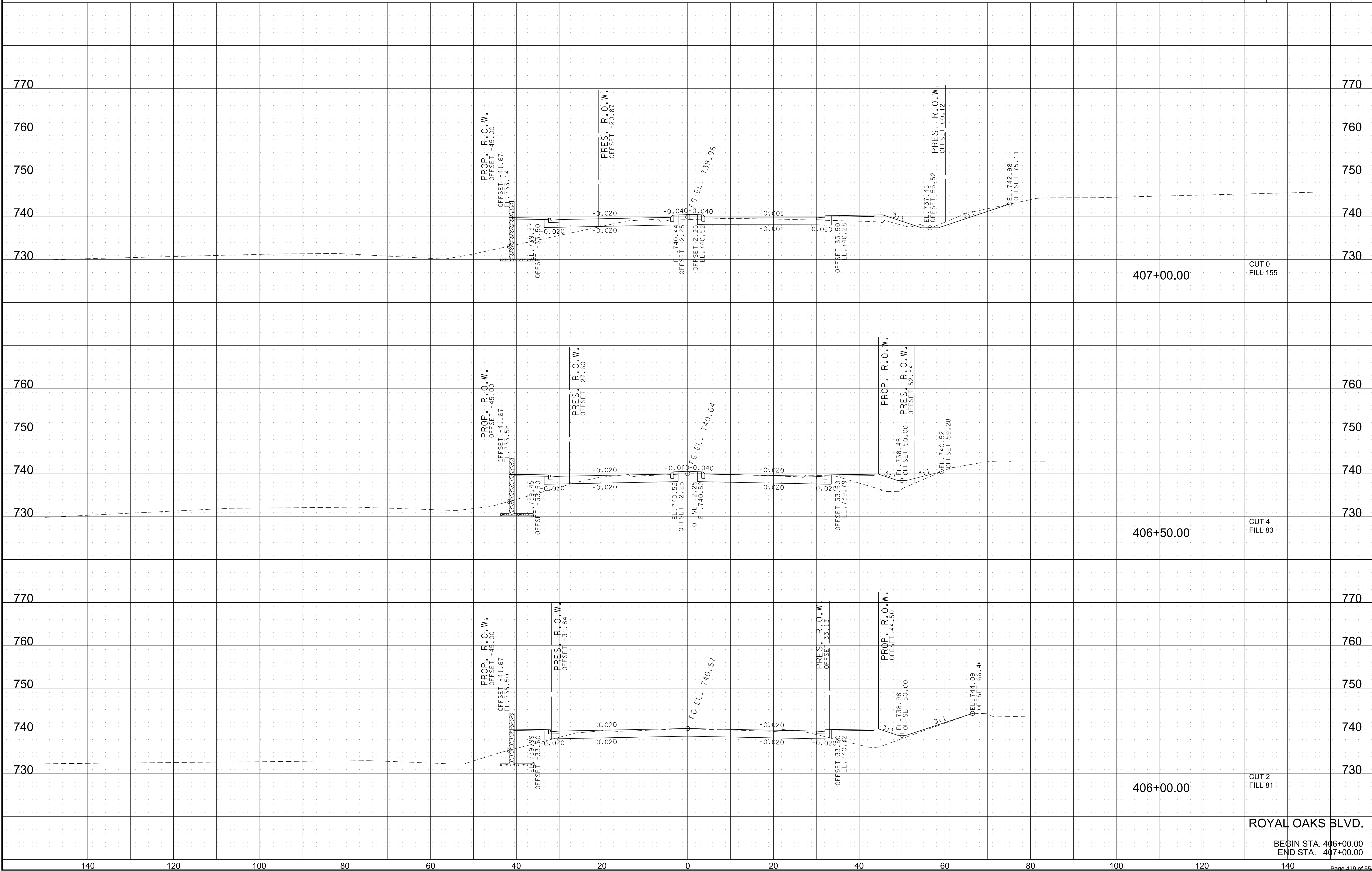


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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		51



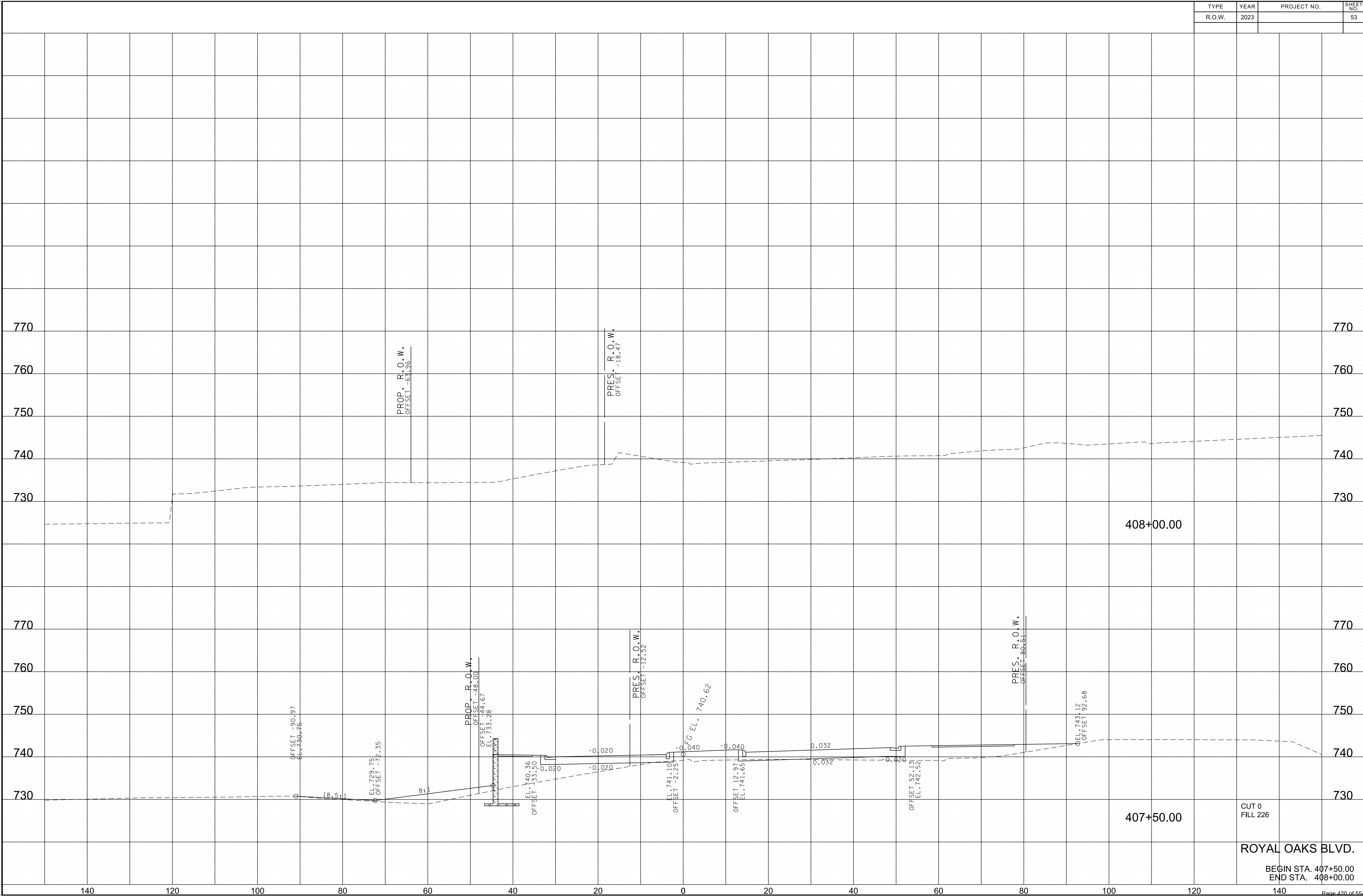
ROYAL OAKS BLVD.
BEGIN STA. 404+50.00
END STA. 405+50.00



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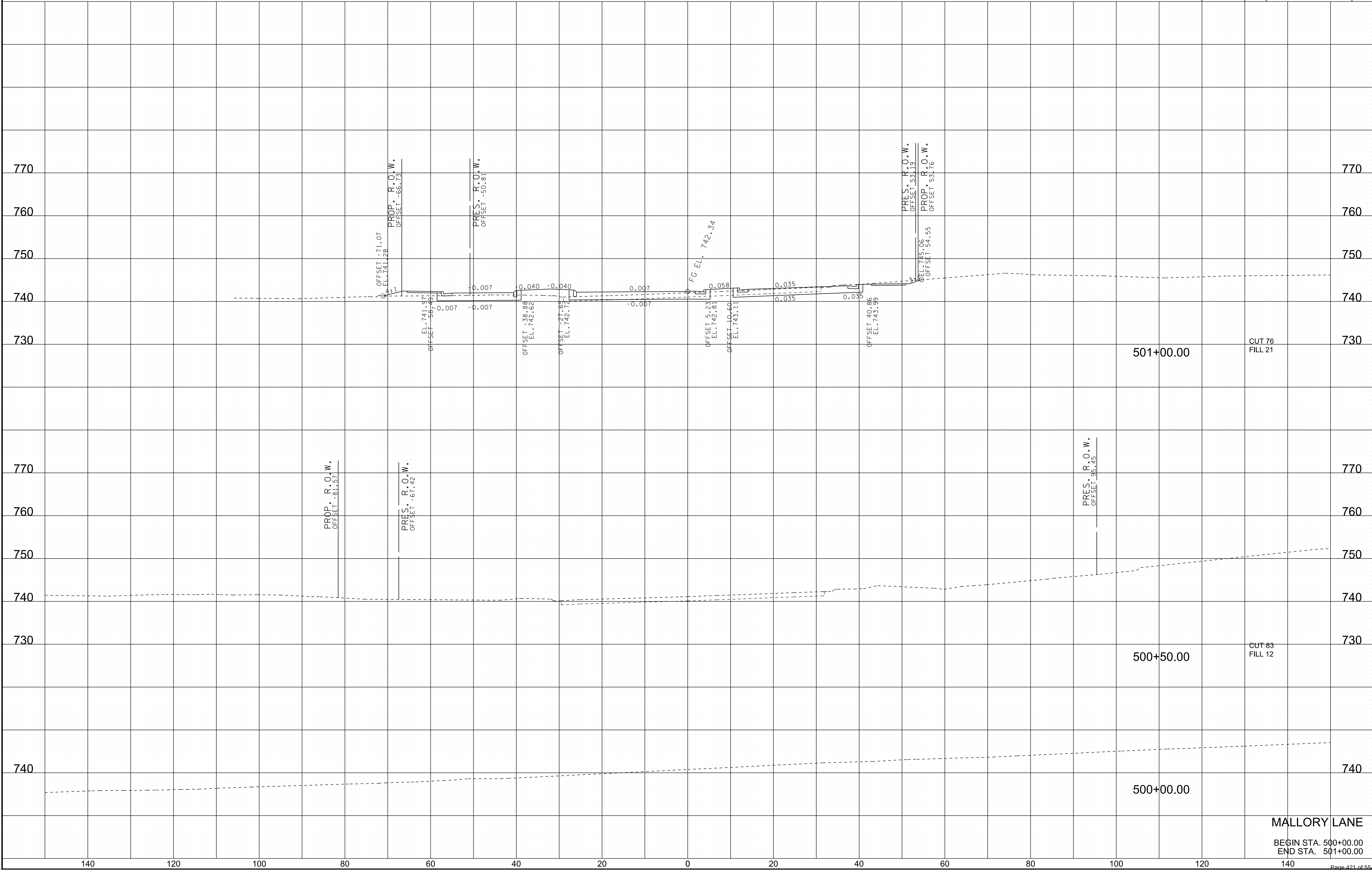
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		53



10/25/2023 1:02:39 PM
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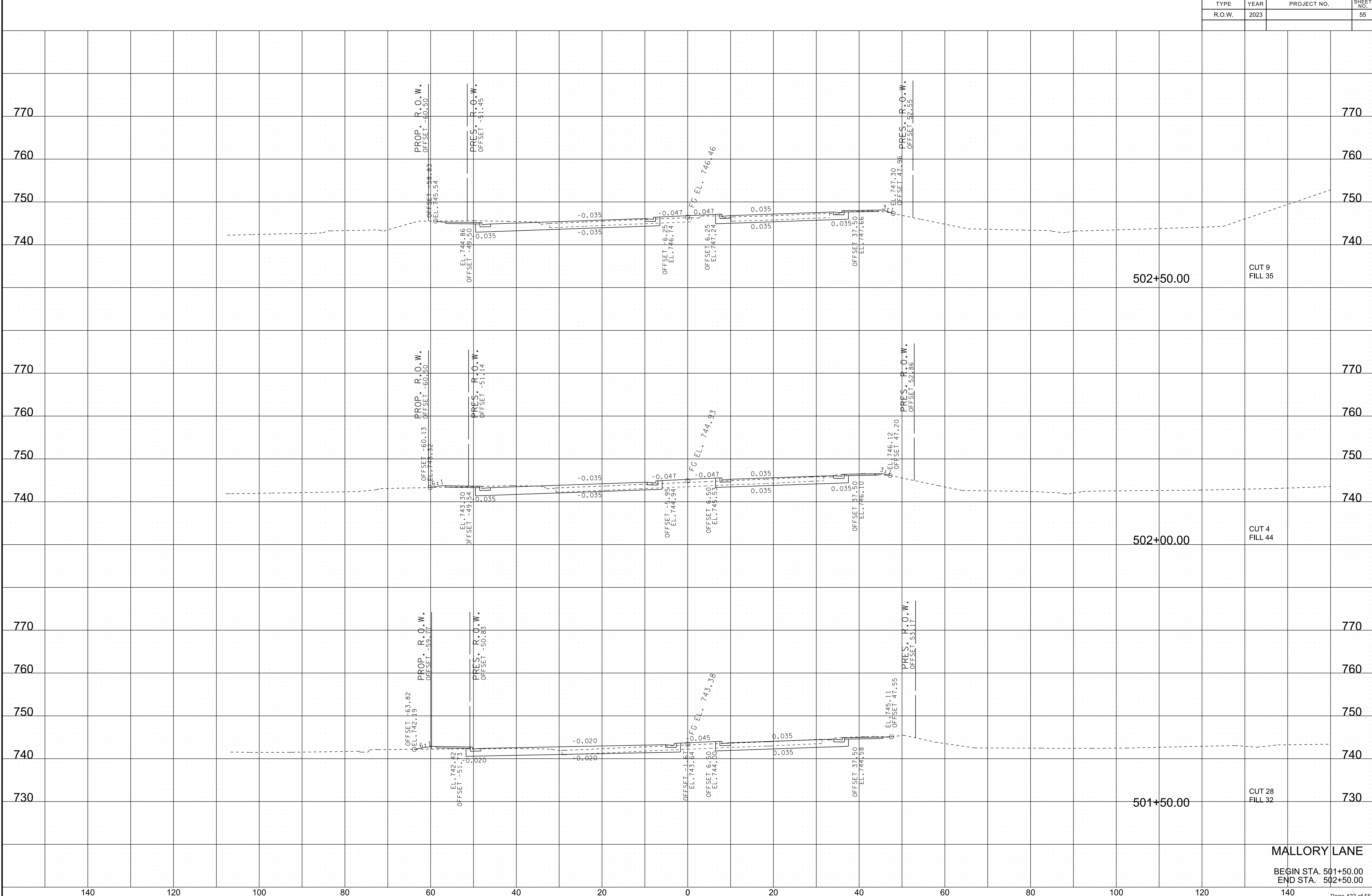
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		54



MALLORY LANE
BEGIN STA. 500+00.00
END STA. 501+00.00

10/25/2023 1:02:40 PM
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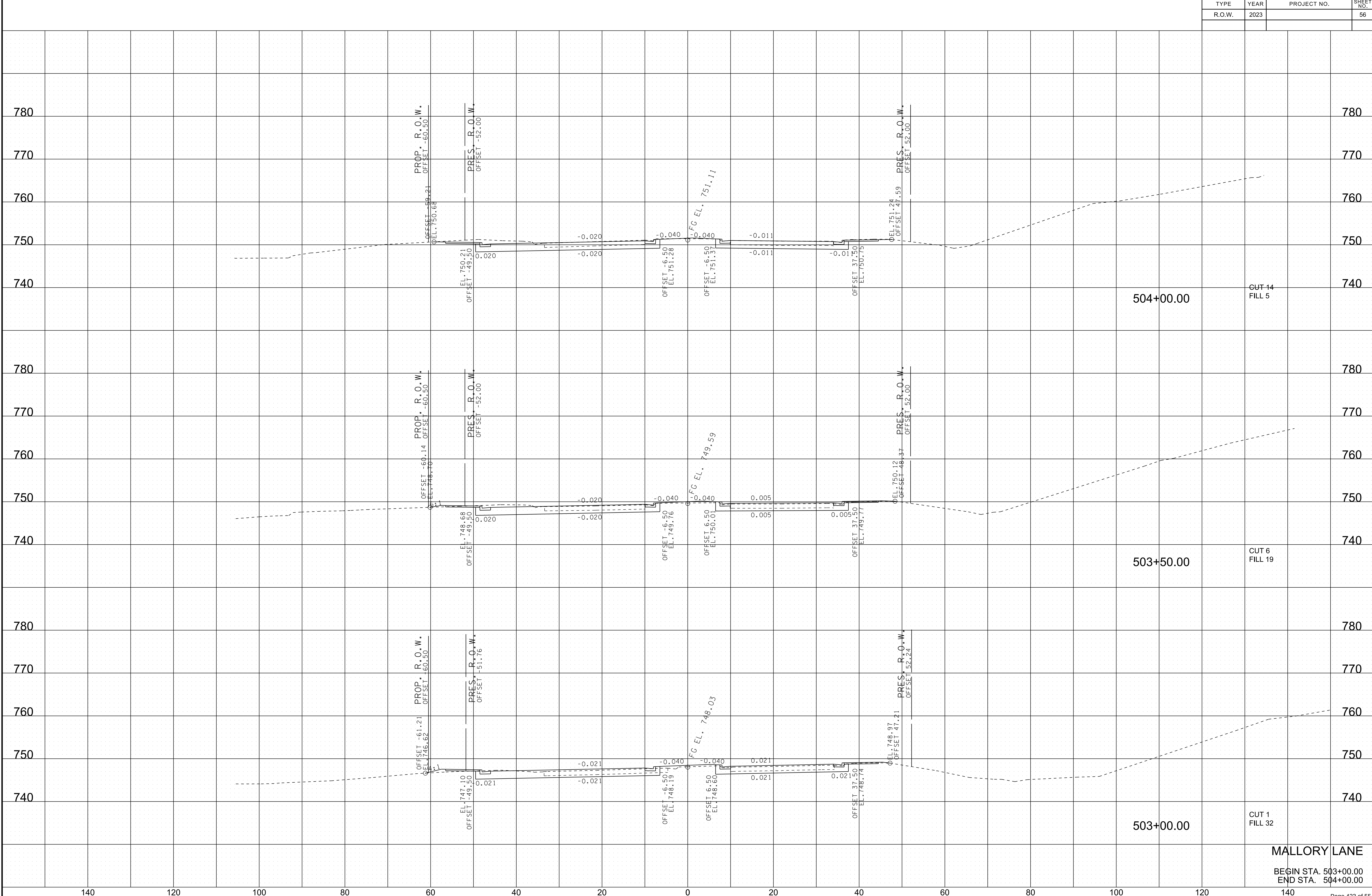
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		55



MALLORY LANE
BEGIN STA. 501+50.00
END STA. 502+50.00

10/25/2023 1:02:41 PM
c:\volkert_pw_workingdir\kenneth.shelton@volkert.com\d0167384\MalloryXSSHEETS.dgn

TYPE	YEAR	PROJECT NO.		SHEET NO.
R.O.W.	2023			56

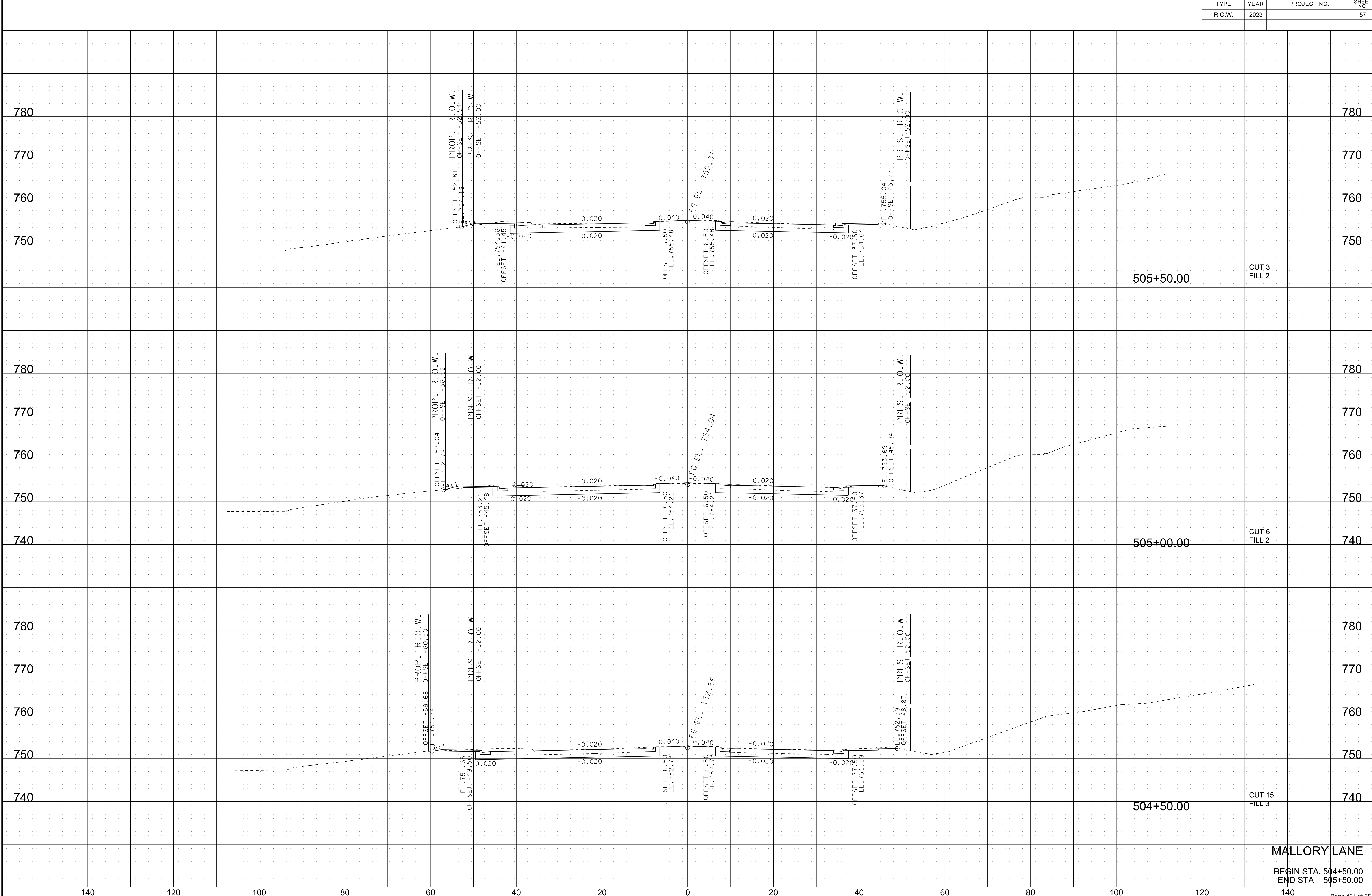


MALLORY LANE

BEGIN STA. 503+00.00
END STA. 504+00.00

10/25/2023 1:02:42 PM
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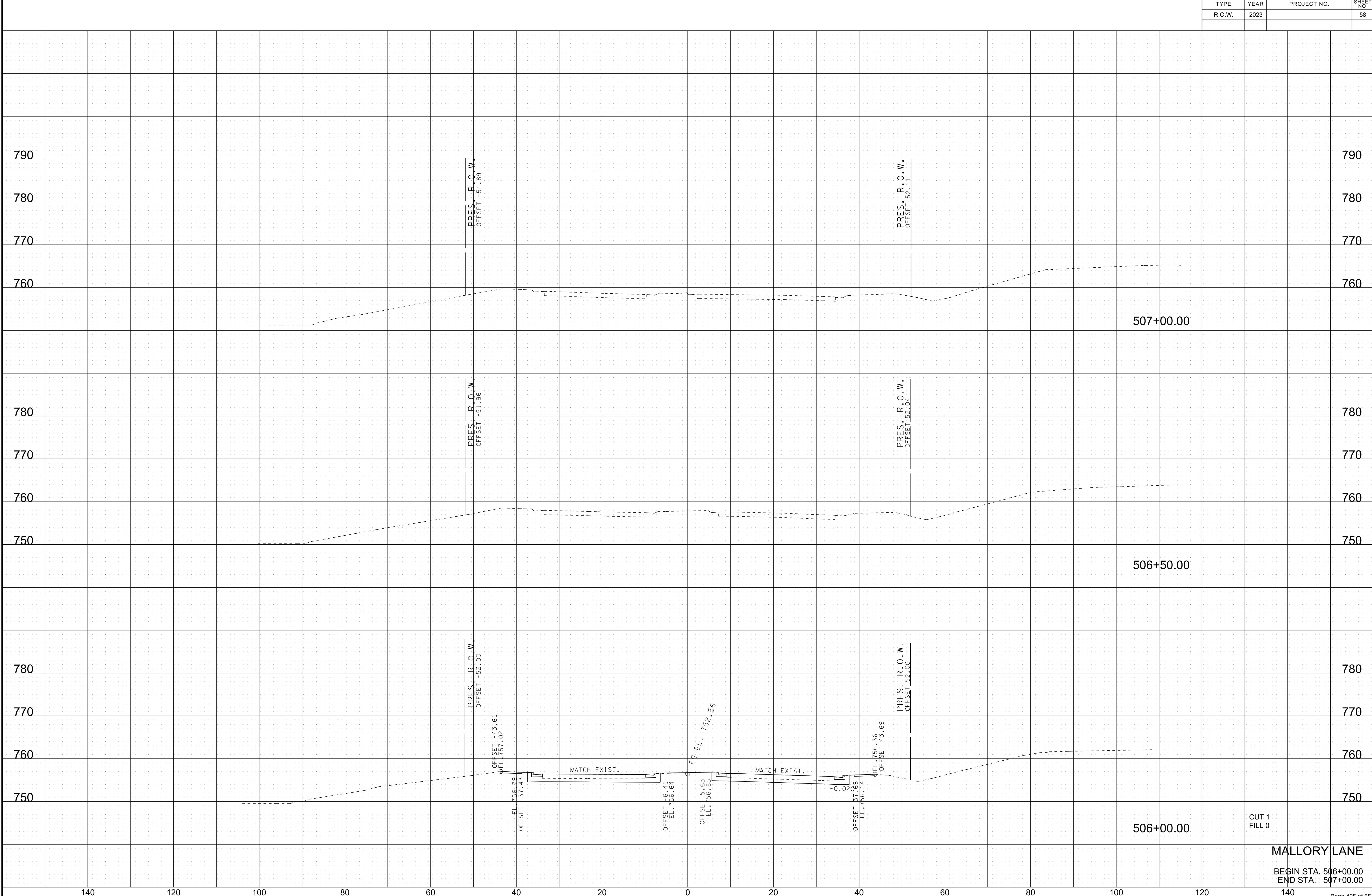
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		57



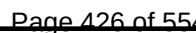
MALLORY LANE
BEGIN STA. 504+50.00
END STA. 505+50.00

10/25/2023 1:02:43 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		58

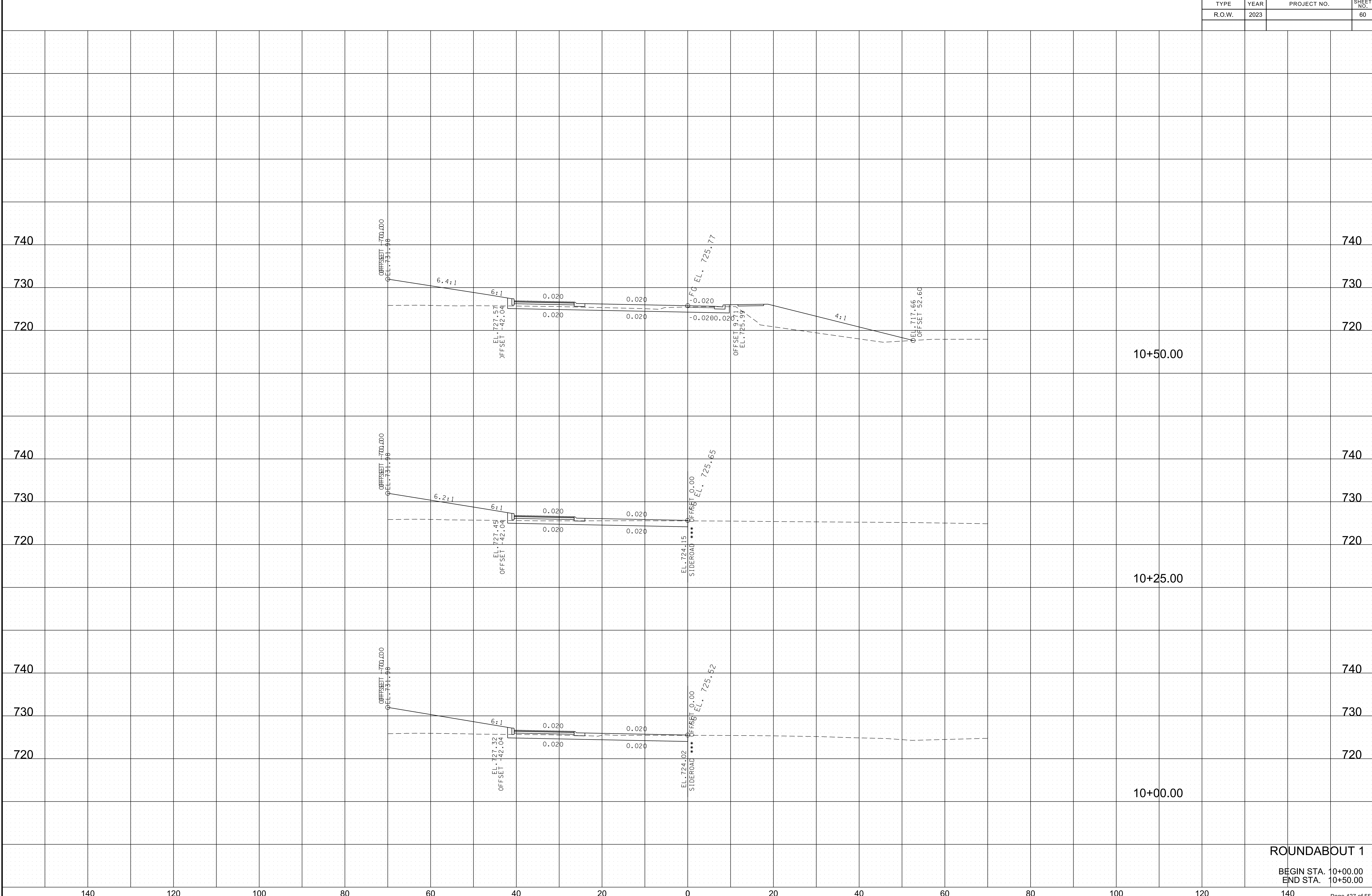


MALLORY LANE
BEGIN STA. 506+00.00
END STA. 507+00.00



10/25/2023 1:03:20 PM
c:\volkert_pw_workingdir\kenneth.shelton@volkert.com\d0167384\Round1\XSSheets.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		60

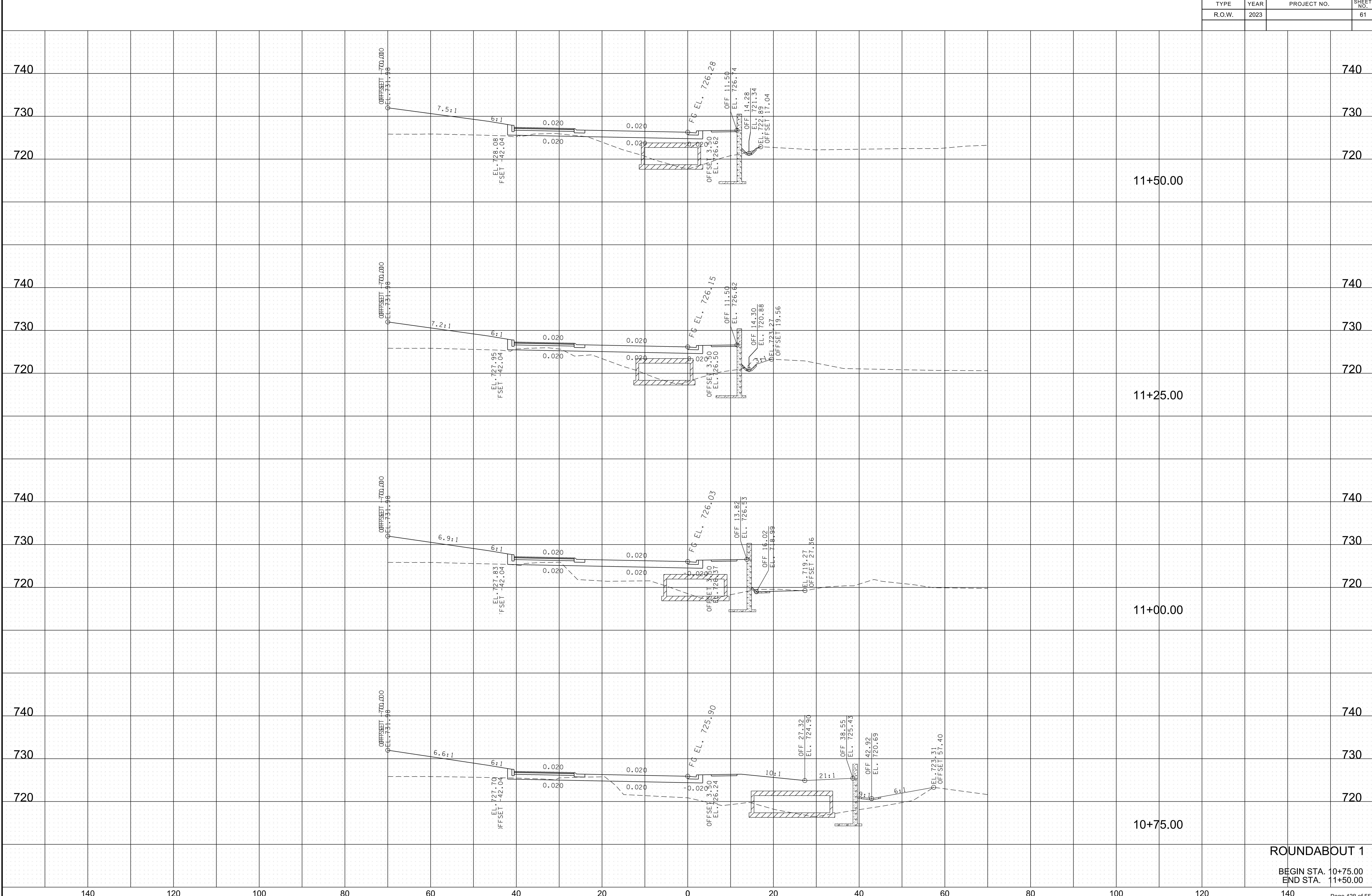


ROUNDAABOUT 1

BEGIN STA. 10+00.00
END STA. 10+50.00

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10/25/2023 1:03:21 PM

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		61

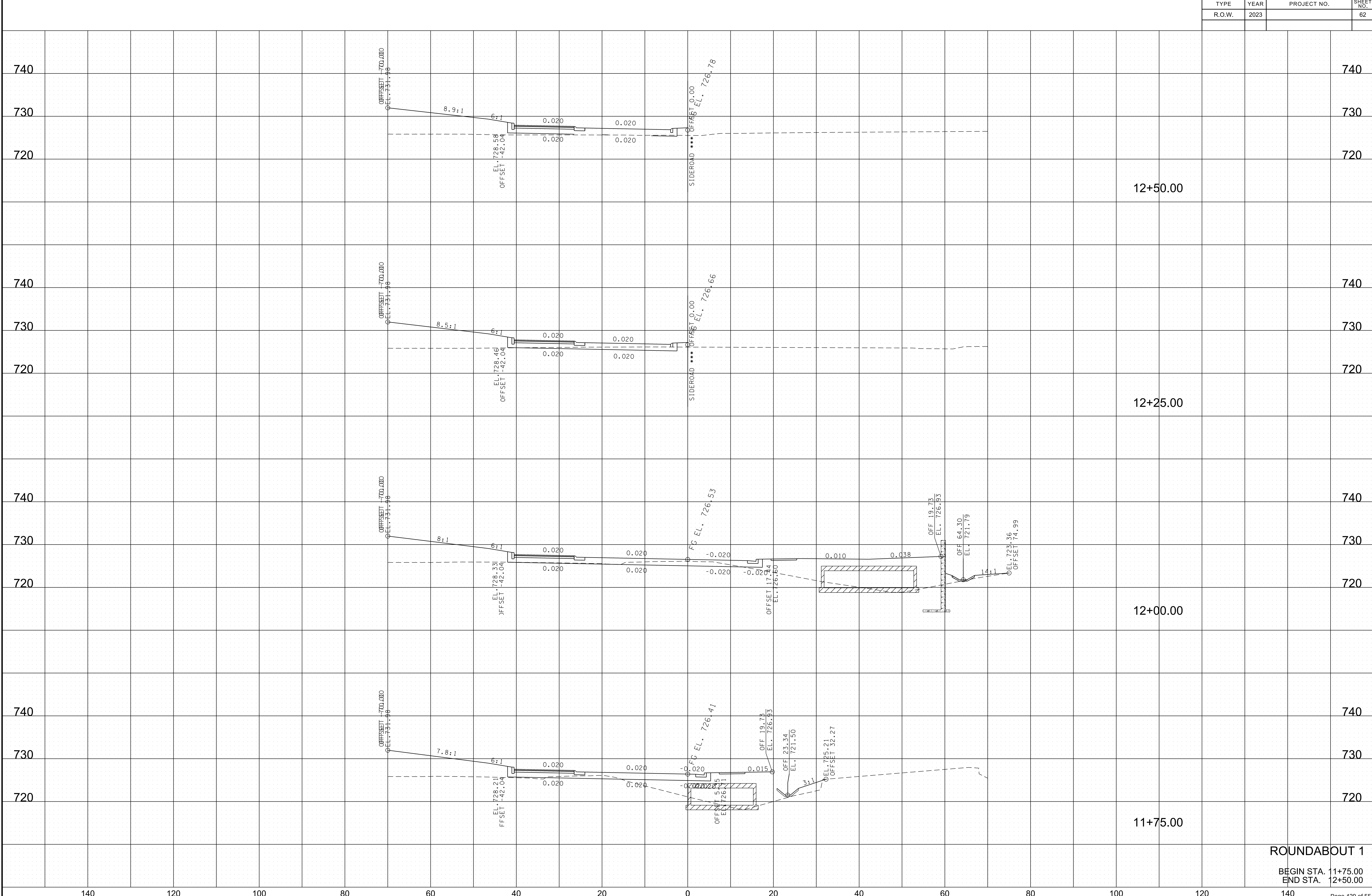


ROUNDAABOUT 1

BEGIN STA. 10+75.00
END STA. 11+50.00

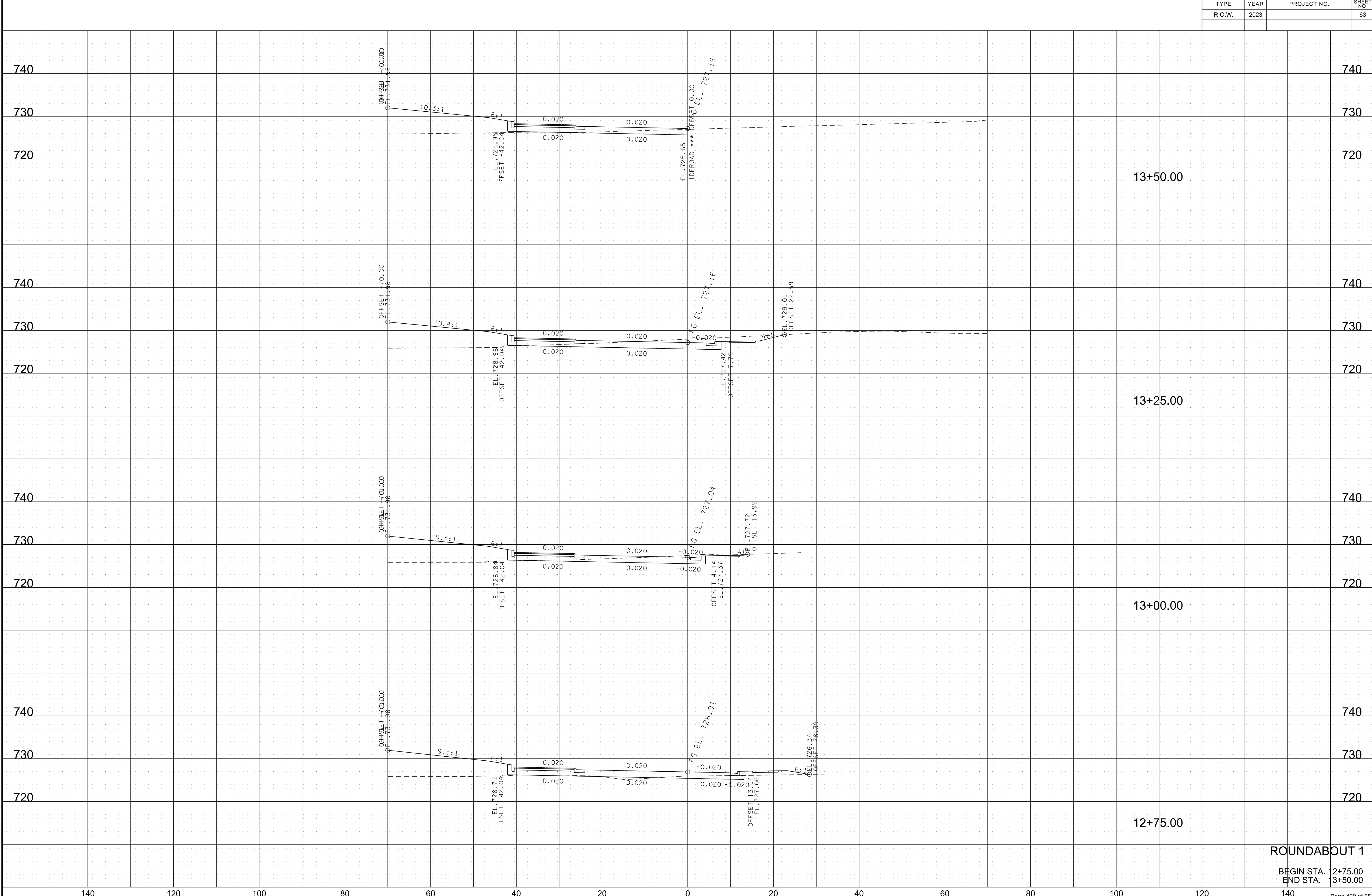
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		62



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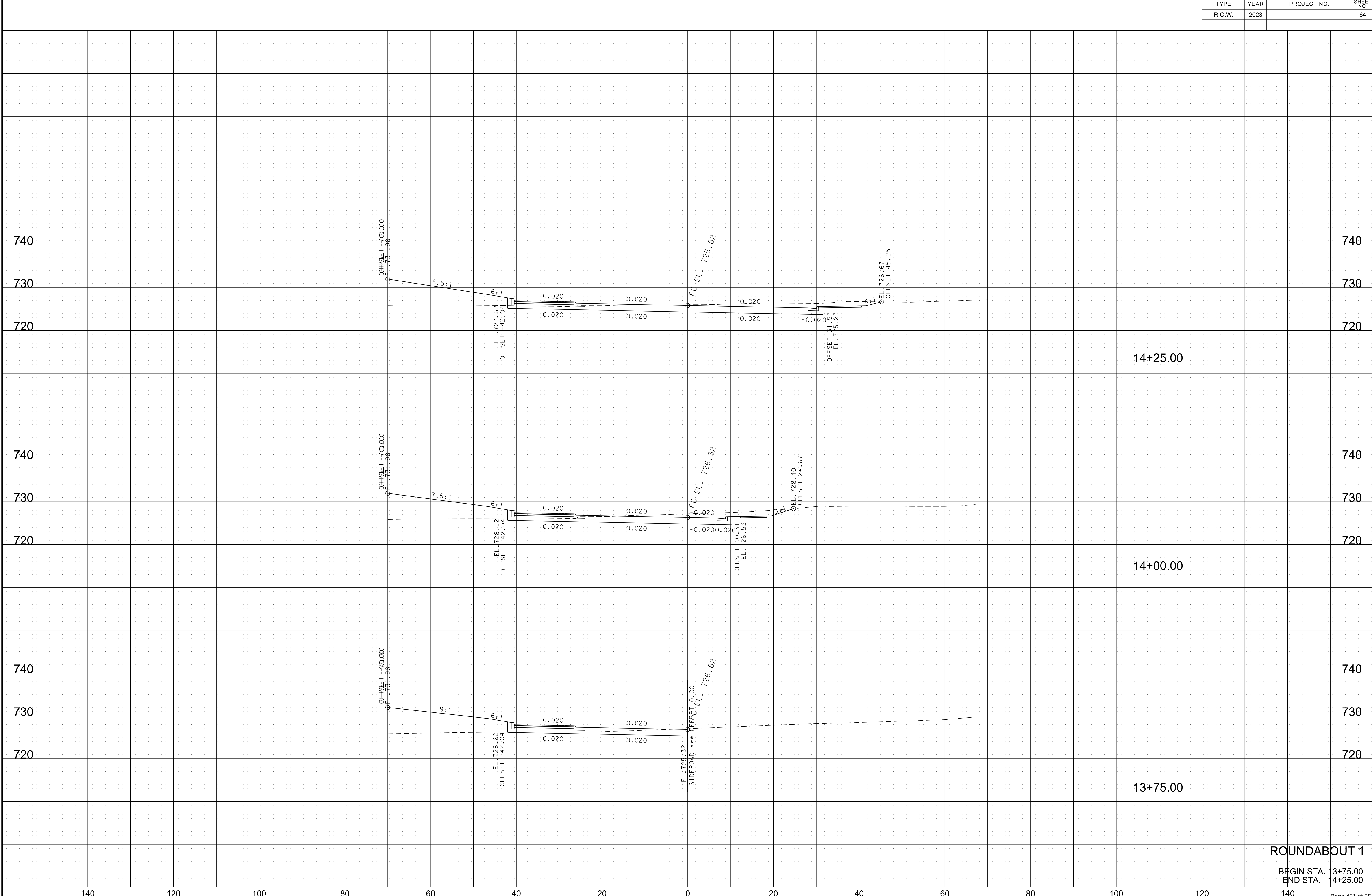
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		63

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		64

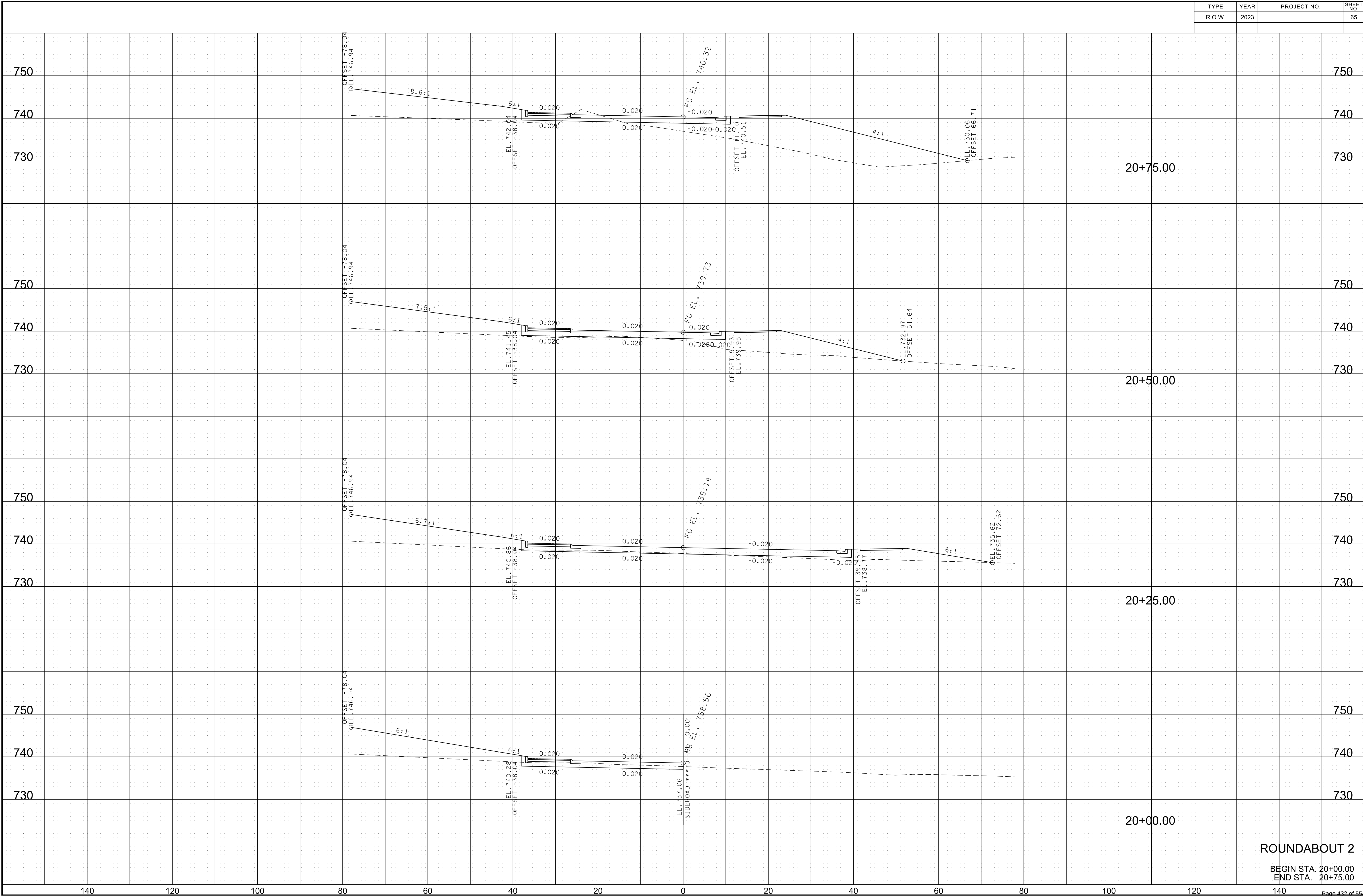


ROUNDAABOUT 1

BEGIN STA. 13+75.00
END STA. 14+25.00

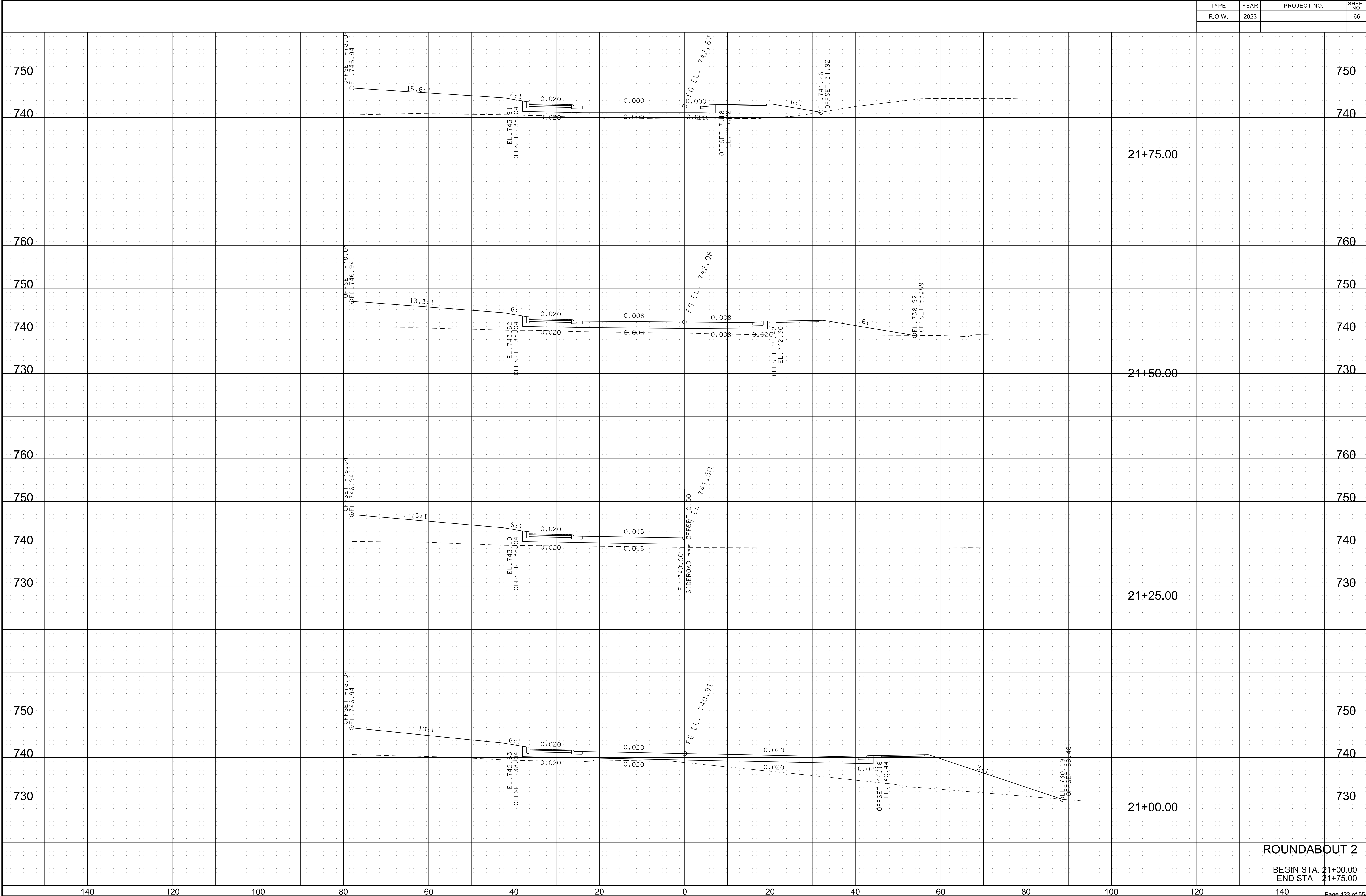
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		65



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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		66

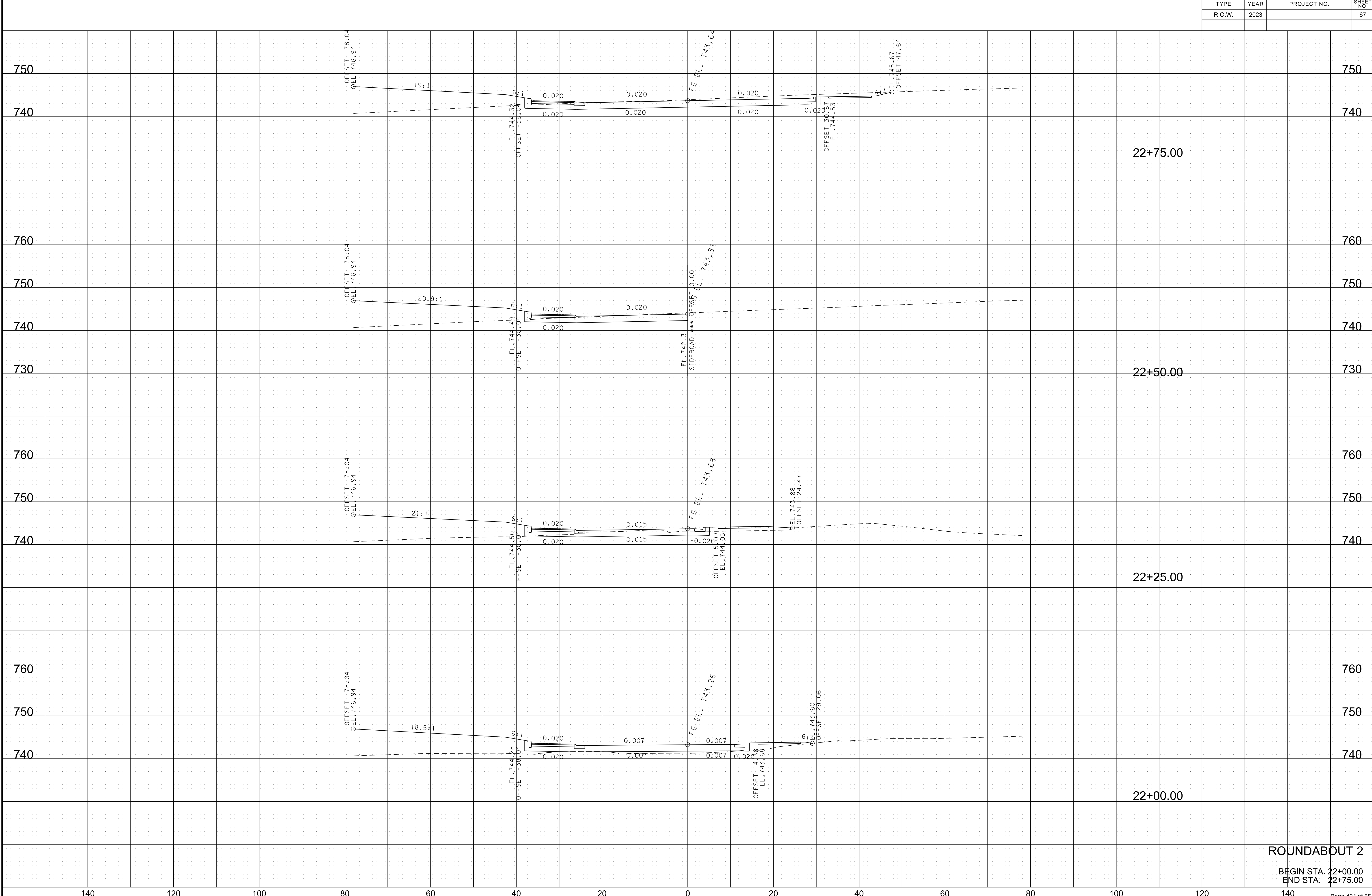


ROUNDABOUT 2

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END STA. 21+75.00

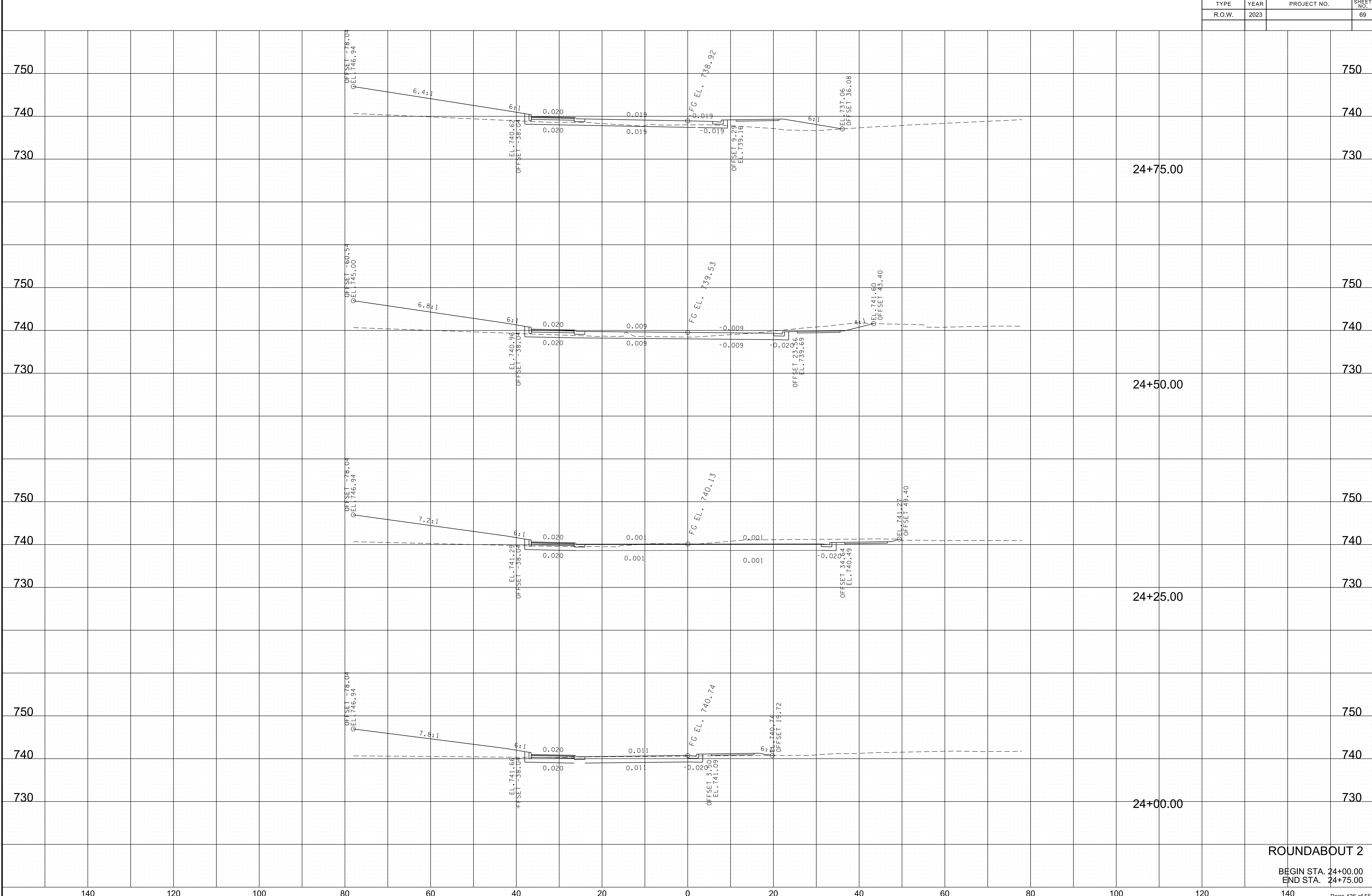
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		67



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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023		69



BEGIN STA. 24+00.00
END STA. 24+75.00

ROUNDBABOUT 2

RESOLUTION 2019-68

**A RESOLUTION TO ADOPT THE PROJECT LIST FOR THE FY 2019-2028 CIP
(CAPITAL INVESTMENT PROGRAM)**

WHEREAS, the Board of Mayor and Aldermen (BOMA) has determined that the FY 2019-2028 Capital Investment Program (CIP) as has been presented represents their intent as to the capital projects needing to be accomplished within the next several years; and

WHEREAS, the BOMA has reviewed the FY 2019-2028 CIP and ranked its top priority projects for consideration of funding; and

WHEREAS, the BOMA has provided adequate funding capacity for these projects through a variety of sources, including the Invest Franklin initiative; and

WHEREAS, City Staff has recommended and presented to the BOMA the FY 2019-2028 Capital Funding Model for consideration inclusive of many internal and external sources that can be leveraged to fund the projects itemized below to maximize available funding.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, that the following FY 2019-2028 CIP projects be approved for funding for the approximate amounts shown below utilizing funding as recommended by City Staff:

1. Long Ln and Old Peytonsville Rd Connector	\$ 22,288,800
2. Bicentennial Park	\$ 4,175,000
3. 100 Block Battle Avenue Drainage Improvements	\$ 2,500,000
4. 5th Ave Parking Lot	\$ 500,000
5. Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ 15,000,000
6. Greenway & Bridge (Harlinsdale to Chestnut Bend)	\$ 3,032,960
7. Lockwood Glen Park	\$ 5,530,000
8. Jordan Road (Aspen Grove Dr-Mallory Ln)	\$ 4,670,480
9. Lewisburg Ave Sidewalk Improvements	\$ 1,162,260
10. New City Hall	\$ 24,500,000
11. FSSD (Freedom Middle/Poplar Grove)	\$ 5,150,000
12. E McEwen Dr. Ext. (Wilson Pike to City Limits)	\$ 19,634,800
13. Maplewood Stormwater Project	\$ 530,000
14. Liberty Park Improvements	\$ 5,400,000
15. Main Barn, Harlinsdale	\$ 1,719,070
16. Eastern Flank Road Circle	\$ 160,000
17. Greenway Aspen Grove Park to Mack Hatcher	\$ 1,555,000
18. McEwen Drive Interchange Modifications	\$ 1,000,000
19. Church St. (Columbia to 2nd Ave S)	\$ 11,231,644
20. Peytonsville Rd & Pratt Ln Int. Improvements	\$ 9,913,416

21. Pratt Ln Bridge Replacement	\$ 1,500,000
22. USACE - Home Raising Project	\$ 4,000,000
23. West Main Bridge Widening Project	\$ 455,000
24. Carlisle Ln (SR96W-Future Mack Hatcher Pkwy)	\$ 8,490,720
25. Thompson Alley Neighborhood Park	\$ 222,000
26. Main St Sidewalk Repair Project	\$ 2,200,000
27. Mack Hatcher Multiuse Trail (Franklin-Hillsboro)	\$ 3,600,000
28. Greenway (Pinkerton Park to Franklin Road Bridge)	\$ 5,328,400
29. New Public Parking Structure or Surface Lot	\$ 8,100,000
30. Hayes Home Restoration (Harlinsdale)	\$ 482,870

BE IT FURTHER RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, that those capital improvement projects listed in the FY 2019-2028 CIP not designated as being funded by this Resolution will be continually evaluated on a case by case basis and in accordance with the established priority rankings for funding should additional funds be made available of those projects slated for funding are delayed and the designated funding not be needed at the present time.

IT IS SO RESOLVED AND DONE on this 13th day of August 2019.

ATTEST:

By: Eric S. Stuckey
ERIC S. STUCKEY
City Administrator

CITY OF FRANKLIN, TENNESSEE:

By: Dr. Ken Moore
DR. KEN MOORE
Mayor

Approved as to Form:

By: Shauna R. Billingsley
Shauna R. Billingsley
City Attorney

RESOLUTION NO. 2019-18

A RESOLUTION TO SELECT A DESIGN CONCEPT FOR THE INTERSECTION UPGRADE PROJECT AT LIBERTY PIKE AND MALLORY LANE/NORTH ROYAL OAKS BOULEVARD

WHEREAS, on February 14, 2017, the City of Franklin Board of Mayor and Aldermen approved a Professional Services Agreement (COF Contract No. 2017-0017) with Volkert, Inc. for the Design of Intersection Improvements at Mallory Lane/North Royal Oaks Boulevard & Liberty Pike; and

WHEREAS, on August 30, 2018, a public meeting to share the proposed design was held at City Hall; and

WHEREAS, the key request from the public meeting process was the request for the City to study additional design alternatives to the proposed design that was presented at the public meeting; and

WHEREAS, on September 27, 2018, City staff presented the results of the public meeting to the Capital Investment Committee; and

WHEREAS, City staff and the designer have worked to develop and analyze the following four (4) design concepts for the project:

- Option 1A – Ultimate Signalized Intersection,
- Option 1B – Minimal Signalized Intersection,
- Option 1C – Optimal Signalized Intersection, and
- Option 2 – Roundabout Intersection.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE:

That the Board of Mayor and Aldermen selection Option 2 as the preferred design concept for the Intersection Upgrade Project at Liberty Pike and Mallory Lane/North Royal Oaks Boulevard.

IT IS SO RESOLVED AND DONE on this 23rd day of April, 2019.

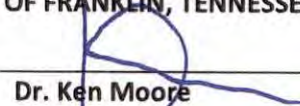
ATTEST:

By:


Eric S. Stuckey
City Administrator

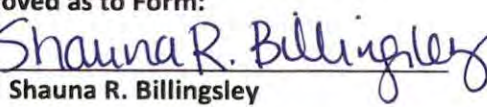
CITY OF FRANKLIN, TENNESSEE

By:


Dr. Ken Moore
Mayor

Approved as to Form:

By:


Shauna R. Billingsley
City Attorney



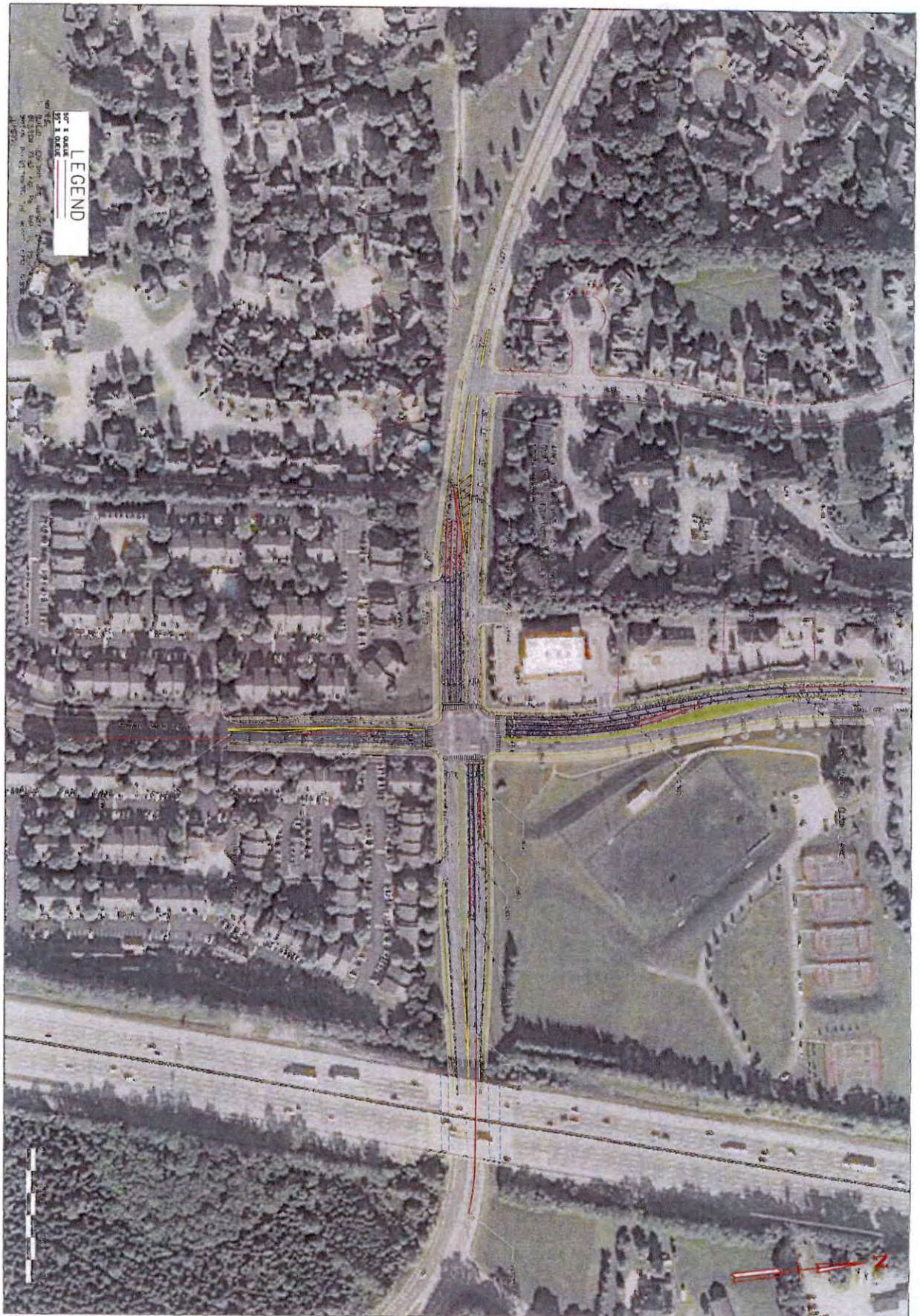
DATE	3/27/2018
DESIGNED BY	CEP
CHECKED BY	CEP
APPROVED BY	CEP
DATE	3/27/2018
TEAM	2018
SHEET NO.	

EXHIBIT A - OPTION 1A
ULTIMATE SIGNAL DESIGN LAYOUT
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

VOLKERT

302 INNOVATION DRIVE, FRANKLIN, TN 37067

REVISIONS		
NO.	DATE	DESCRIPTION

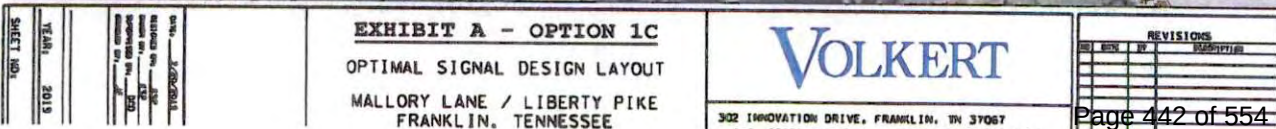


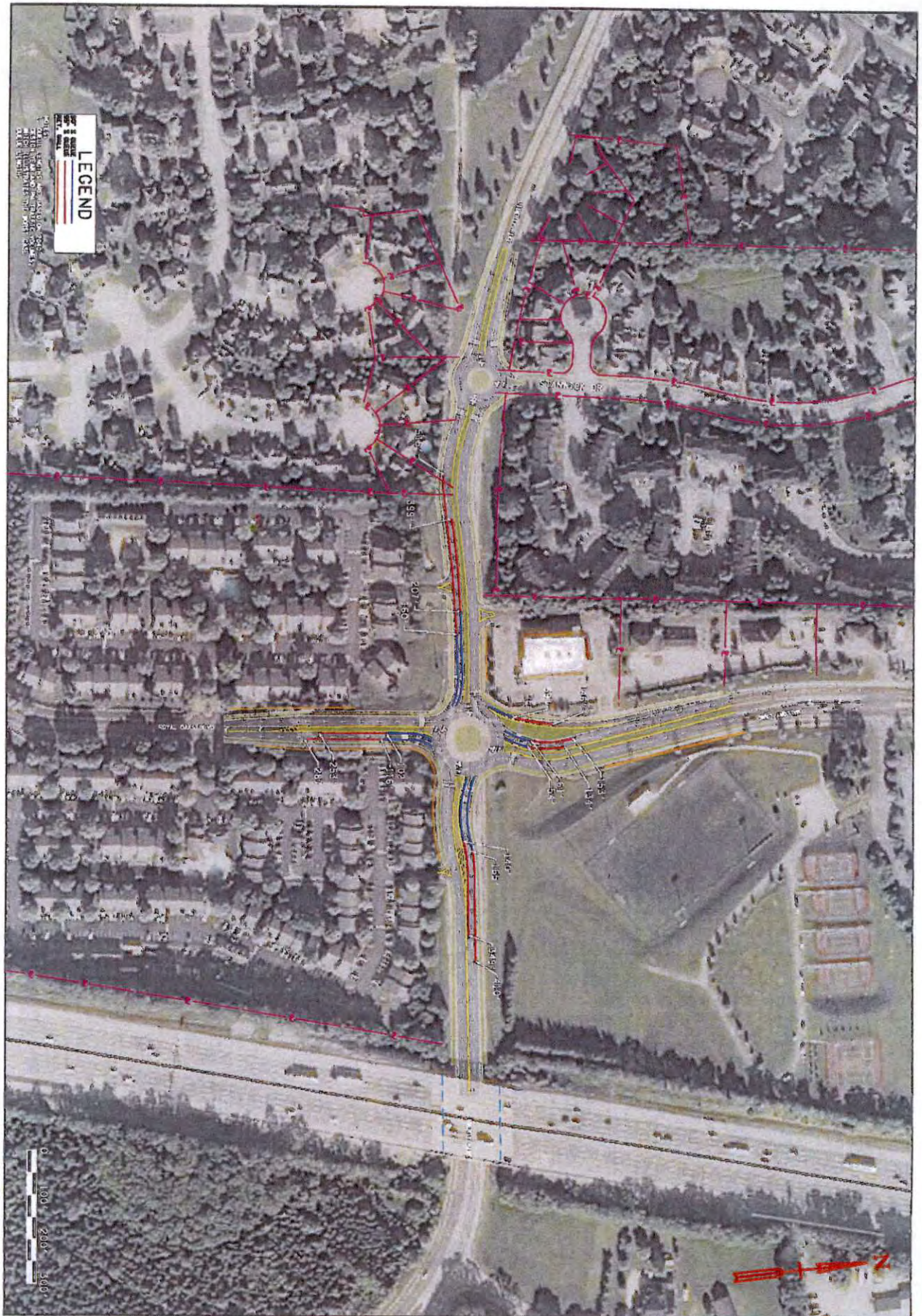
SHEET NO.	2
YEAR	2019
DATE	7/20/2019
DESIGNED BY	JK
CHECKED BY	JK

EXHIBIT A - OPTION 1B
 MINIMAL SIGNAL DESIGN LAYOUT
 MALLORY LANE / LIBERTY PIKE
 FRANKLIN, TENNESSEE

VOLKERT
 302 INNOVATION DRIVE, FRANKLIN, TN 37067
 PHONE: (615) 656-1845 FAX: (615) 656-1870

REVISIONS		
NO.	DATE	DESCRIPTION





SHEET NO.	8108
YEAR	2018
DATE	10/1/2018
DESIGNED BY	J. J. J.
CHECKED BY	J. J. J.
APPROVED BY	J. J. J.

EXHIBIT A - OPTION 2
ROUNDABOUT DESIGN LAYOUT
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

VOLKERT

305 INNOVATION DRIVE, FRANKLIN, TN 37067
 PHONE: (615) 656-1045 FAX: (615) 656-1070

REVISIONS	
NO.	DESCRIPTION



LEGEND

50' ± QUEUE
95' ± QUEUE
RET. WALL

NOTES:
1. QUEUE LENGTHS ARE BASED ON 2040
DESIGN YEAR AND PM TRAFFIC VOLUMES,
WHICH ILLUSTRATES THE WORST CASE
QUEUE LENGTH.

REVISIONS	
NO.	DATE

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

EXHIBIT A - OPTION 1A

ULTIMATE SIGNAL DESIGN LAYOUT

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: 2/20/2019

DESIGNED BY: KSP

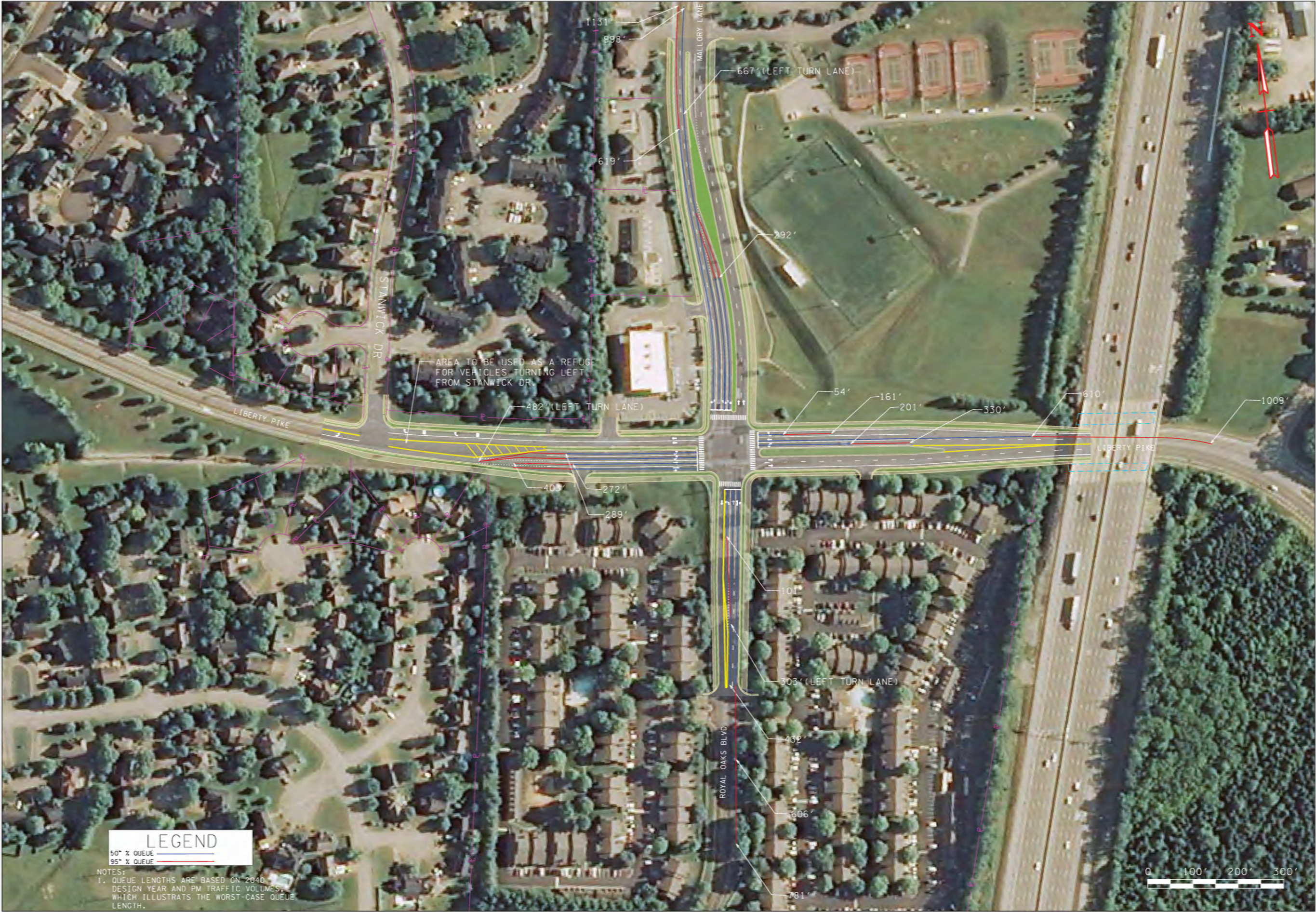
DRAWN BY: KSP

SUPERVISED BY: DCD

CHECKED BY: JE

YEAR: 2019

SHEET NO:



LEGEND

50% QUEUE

95% QUEUE

NOTES:

1. QUEUE LENGTHS ARE BASED ON 2040 DESIGN YEAR AND PM TRAFFIC VOLUMES, WHICH ILLUSTRATES THE WORST-CASE QUEUE LENGTH.

EXHIBIT A - OPTION 1B

MINIMAL SIGNAL DESIGN LAYOUT

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: 2/20/2019

DESIGNED BY: KSP

DRAWN BY: KSP

SUPERVISED BY: DCD

CHECKED BY: JE

YEAR: 2019

SHEET NO:

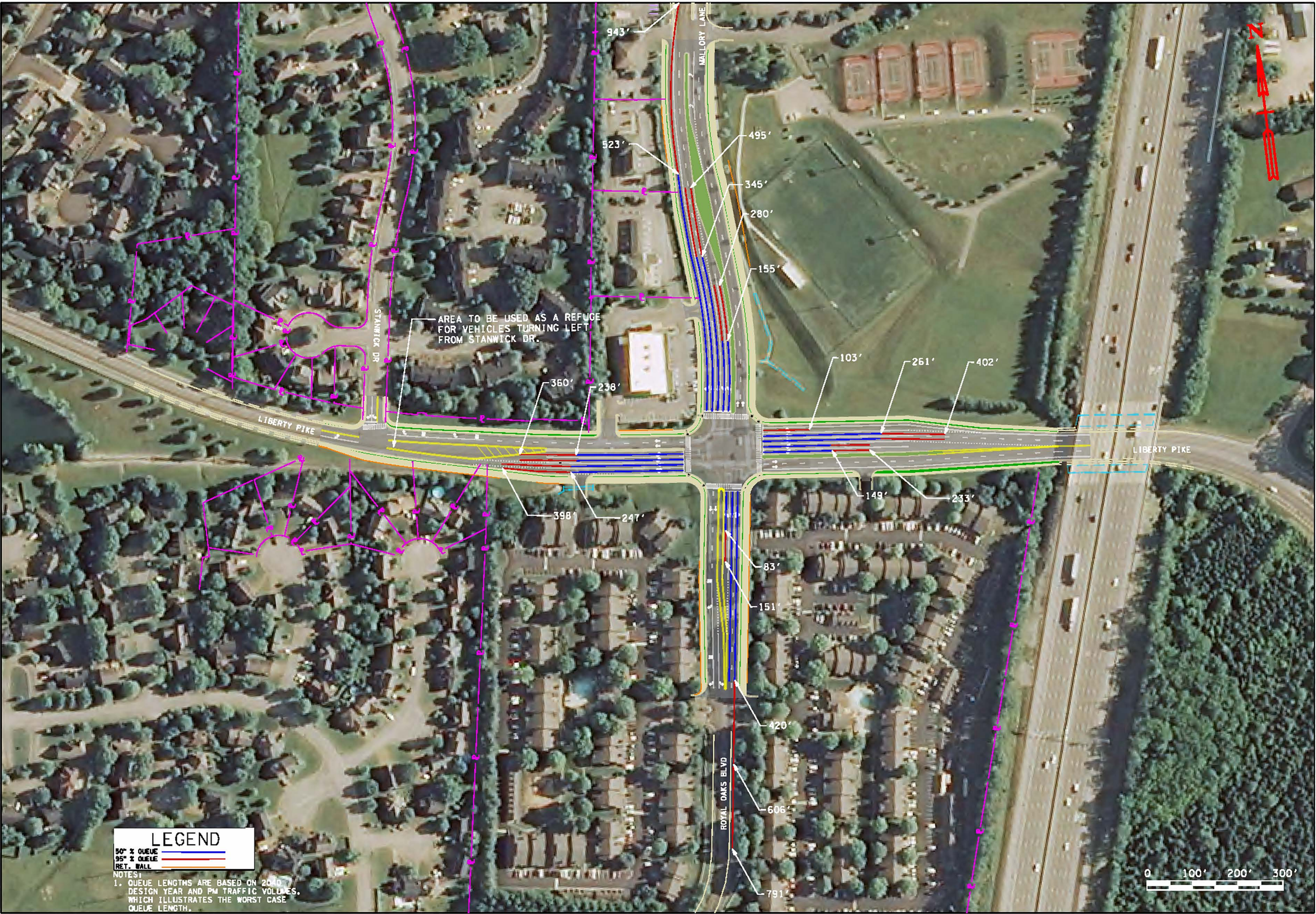
REVISIONS

NO	DATE	BY	DESCRIPTION

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067

PHONE: (615) 656-1845 FAX: (615) 656-1870



LEGEND

50% ± QUEUE
95% ± QUEUE
RET. WALL

NOTES:
1. QUEUE LENGTHS ARE BASED ON 2040
DESIGN YEAR AND PM TRAFFIC VOLUMES.
WHICH ILLUSTRATES THE WORST CASE
QUEUE LENGTH.

REVISIONS	
NO.	DATE

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

EXHIBIT A - OPTION 1C

OPTIMAL SIGNAL DESIGN LAYOUT

MALLORY LANE / LIBERTY PIKE

FRANKLIN, TENNESSEE

DATE: 2/20/2019

DESIGNED BY: JSP

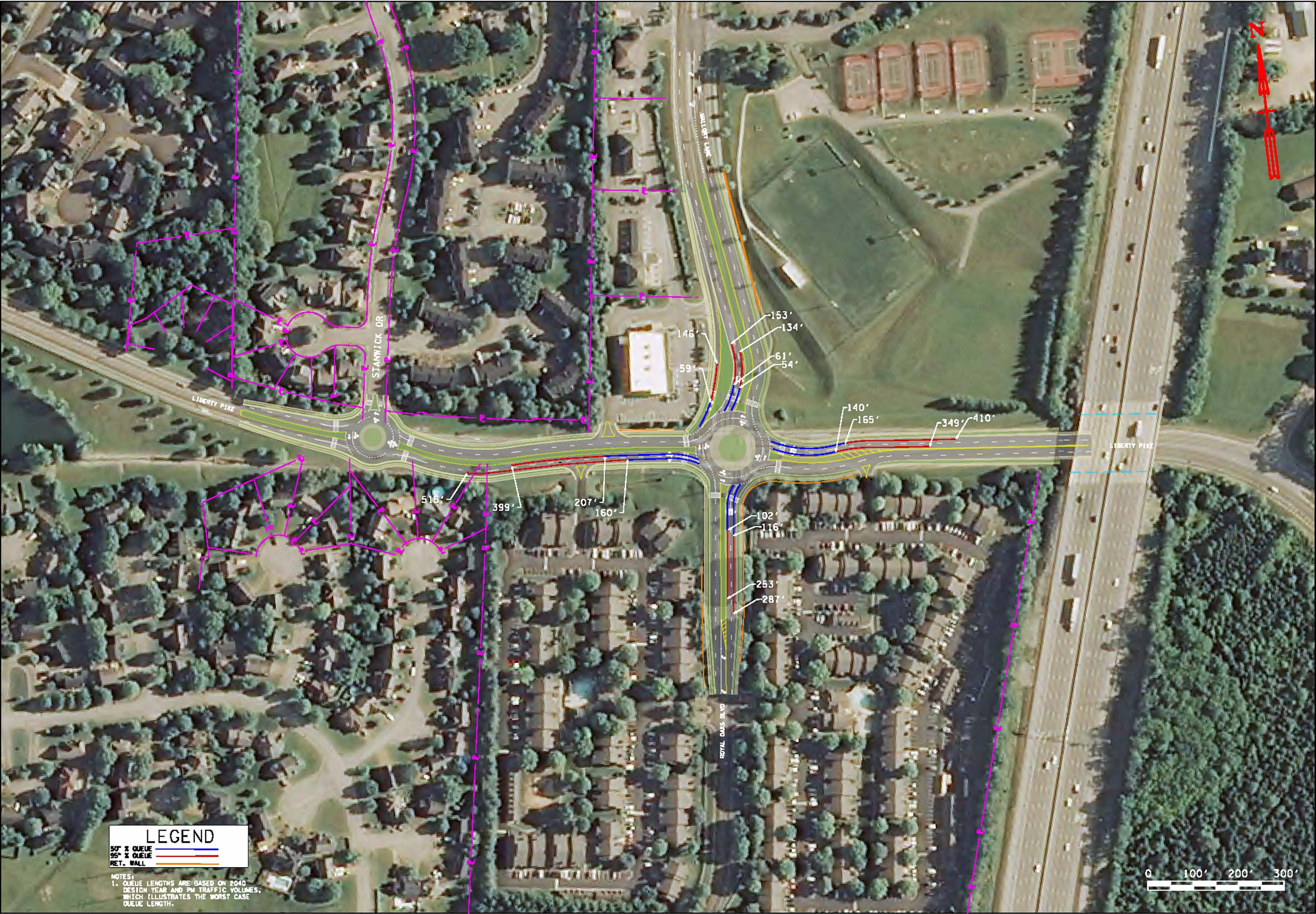
DRAWN BY: KSP

SUPERVISED BY: DCD

CHECKED BY: JF

YEAR: 2019

SHEET NO:



LEGEND
50' ± QUEUE
55' ± QUEUE
RET. WALL

NOTES:
1. QUEUE LENGTHS ARE BASED ON 2040
DESIGN YEAR AND PM TRAFFIC VOLUMES,
WHICH ILLUSTRATES THE WORST CASE
QUEUE LENGTH.

REVISIONS	
NO	DATE

Volkert

302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

EXHIBIT A - OPTION 2
ROUNDABOUT DESIGN LAYOUT
MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE:	7/20/2018
DESIGNED BY:	JSF
DRAWN BY:	JSF
SUPervised BY:	JED
CHECKED BY:	JS

YEAR:	2019
SHEET NO:	

LEGEND	
LOS	DELAY (SEC)
A	≤ 10
B	> 10-20
C	> 20-35
D	> 35-55
E	> 55-80
F	> 80

REVISIONS		DESCRIPTION
NO	DATE	BY



302 INNOVATION DRIVE, FRANKLIN, TN 37067
PHONE: (615) 656-1845 FAX: (615) 656-1870

LEVEL OF SERVICE (LOS) TABLE

MALLORY LANE / LIBERTY PIKE
FRANKLIN, TENNESSEE

DATE: 2/20/2019

DESIGNED BY: KSP

DRAWN BY: KSP

SUPERVISED BY: DCD

CHECKED BY: JE

YEAR: 2019

SHEET NO:

MINIMAL SIGNAL DESIGN	DIRECTION		2020		2030		2040	
			AM	PM	AM	PM	AM	PM
			LOS	LOS	LOS	LOS	LOS	LOS
	LIBERTY	EBL	E	E	E	F	E	F
		EBT	B	D	C	D	C	D
		EBR	B	D	C	D	C	D
		WBL	C	C	C	D	C	D
		WBT	C	E	C	F	D	F
		WBR	C	D	C	D	D	D
	MALLORY	NBL	D	D	D	F	D	F
		NBT	D	D	E	D	E	E
		NBR	D	D	E	D	E	E
		SBL	E	E	E	F	E	F
		SBT	D	F	D	F	D	F
		SBR	C	D	C	D	C	F

OPTIMAL SIGNAL DESIGN	DIRECTION		2020		2030		2040	
			AM	PM	AM	PM	AM	PM
			LOS	LOS	LOS	LOS	LOS	LOS
	LIBERTY	EBL	E	E	E	E	E	E
		EBT	B	C	C	D	C	D
		EBR	B	C	C	D	C	D
		WBL	E	E	E	E	E	E
		WBT	C	D	C	D	C	E
		WBR	C	C	C	D	D	E
	MALLORY	NBL	D	D	C	D	C	D
		NBT	D	D	D	E	E	D
		NBR	D	E	D	E	E	D
		SBL	E	E	E	E	E	F
		SBT	D	D	D	D	D	D
		SBR	C	E	C	E	C	D

ULTIMATE SIGNAL DESIGN	DIRECTION		2020		2030		2040	
			AM	PM	AM	PM	AM	PM
			LOS	LOS	LOS	LOS	LOS	LOS
	LIBERTY	EBL	C	D	C	D	C	E
		EBT	B	C	B	D	C	D
		EBR	B	C	B	D	B	D
		WBL	C	D	C	D	D	E
		WBT	C	D	C	D	C	E
		WBR	C	D	C	D	C	D
	MALLORY	NBL	C	D	C	E	D	E
		NBT	C	C	C	C	C	C
		NBR	C	C	C	C	C	C
		SBL	C	D	C	D	D	F
		SBT	B	C	C	C	C	C
		SBR	B	C	B	C	B	C

ROUNDAABOUT DESIGN	DIRECTION		2020		2030		2040	
			AM	PM	AM	PM	AM	PM
			LOS	LOS	LOS	LOS	LOS	LOS
	LIBERTY	EBL	A	B	A	B	A	F
		EBT	A	A	A	B	A	C
		EBR	A	A	A	B	A	C
		WBL	A	B	A	B	B	D
		WBT	A	A	A	B	A	C
		WBR	A	A	A	B	A	C
	MALLORY	NBL	A	B	B	B	B	C
		NBT	A	A	A	A	A	B
		NBR	A	A	A	A	A	B
		SBL	A	A	A	A	A	A
		SBT	A	A	A	A	A	A
		SBR	A	A	A	A	A	A

RESOLUTION 2016-69

A RESOLUTION TO ADOPT THE PROJECT LIST FOR PHASE I OF THE FY 2017-2026 CIP (CAPITAL INVESTMENT PROGRAM)

WHEREAS, the Board of Mayor and Aldermen (BOMA) has determined that the FY 2017-2026 Capital Investment Program (CIP) as has been presented represents their intent as to the capital projects needing to be accomplished within the next several years; and

WHEREAS, the BOMA has reviewed the FY 2017-2026 CIP and ranked its top nine (9) priority projects for consideration of funding; and

WHEREAS, the BOMA has provided adequate funding capacity for these projects through a variety of sources including the Invest Franklin initiative; and

WHEREAS, City Staff has recommended and presented to the BOMA the FY 2017-2026 Capital Funding Model for consideration inclusive of many internal and external sources which can be leveraged to fund the projects itemized below to maximize available funding.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, that the following FY 2017-2026 CIP projects be approved for funding for the approximate amounts shown below utilizing funding as recommended by City Staff:

1. East McEwen (Phase IV)	\$27,478,800
2. East / Southeast Multipurpose Park	\$13,200,000
3. Sidewalk "Gaps"	\$ 1,250,000
4. Fire Station 7	\$ 4,330,000
5. Franklin Road Improvements	\$14,340,000
6. Goose Creek Interchange Lighting	\$ 870,000
7. Major Street Resurfacing	\$ 5,400,000
8. Public Safety Communications System	\$ 4,600,000
9. Mallory Station / Royal Oaks / Liberty Pike Intersection Improvements (Phase 1)	\$ 2,200,000

BE IT FURTHER RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE that those capital improvement projects listed in the FY 2017-2026 CIP not designated as being funded by this Resolution will be continually evaluated on a case by case basis and in accordance with the established priority rankings for funding should additional funds be made available or those projects slated for funding are delayed and the designated funding not be needed at the present time.

IT IS SO RESOLVED AND DONE on this 25th day of October, 2016.

ATTEST:

CITY OF FRANKLIN, TENNESSEE

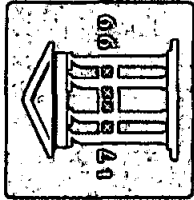
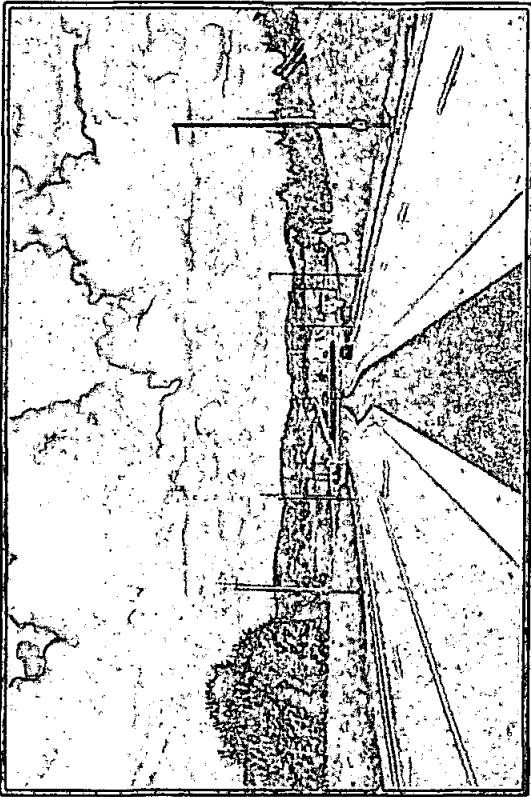
By: Eric S. Stuckey
ERIC S. STUCKEY
City Administrator

By: DR. KEN MOORE
DR. KEN MOORE
Mayor

Approved as to Form

By: _____
Shauna R. Billingsley City Attorney

No City law
file on this:
Not Law Approved
SB did not sign

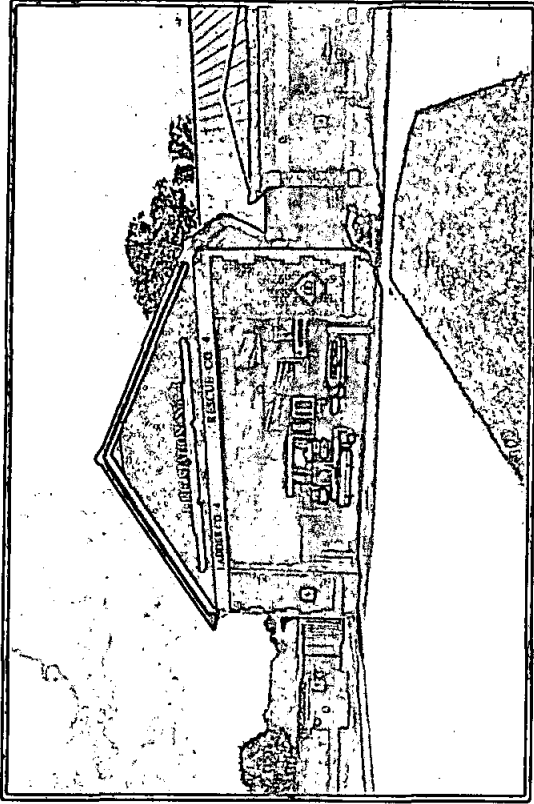
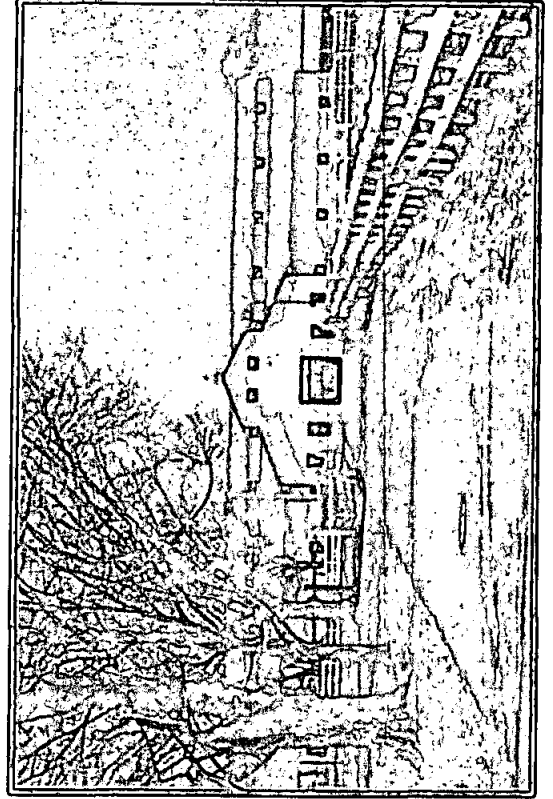
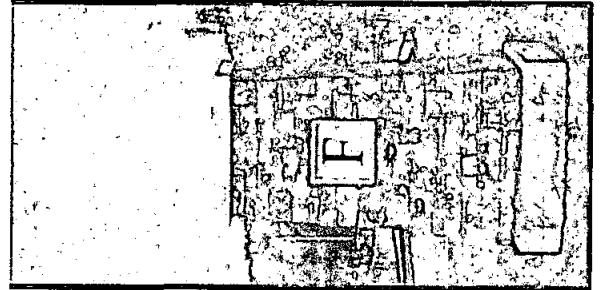
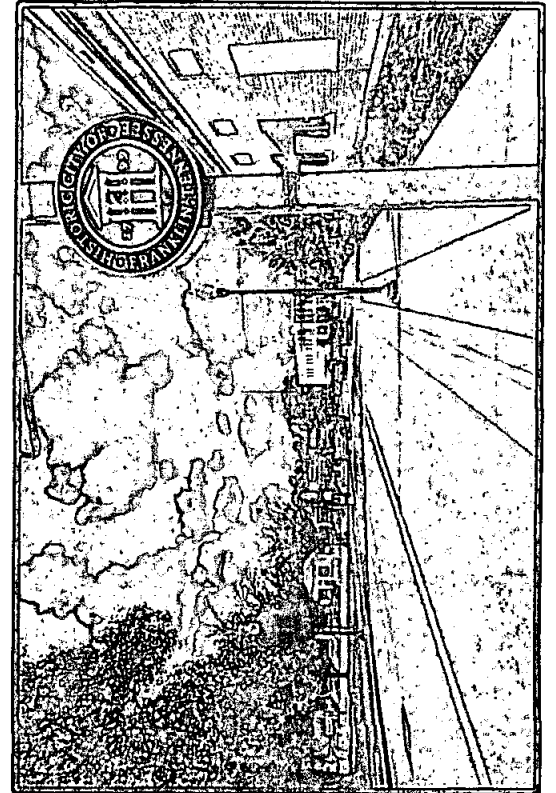


HISTORIC
FRANKLIN
TENNESSEE

Capital Investment Program

**** DRAFT ****
9/30/2016

FY2017-2026



Phase I CIP Projects

FY 2017-2026 CIP - BOMA Selections - Non-Weighted

(Facilities, Parks & Recreation, and Transportation Projects)

Project Information							Total	Counter
ID	Name	Category	Status	Star Ranking	Estimated Cost	Votes (X of 9)	Cumulative Total	
PK16014	East/Southeast Multipurpose Park	Parks & Recreation	Pending	4	\$ 13,200,000.00	8	\$ 13,200,000.00	1
ST16007	East McEwen Drive Improvements - Phase 4	Transportation	Active	4	\$ 26,428,800.00	8	\$ 39,628,800.00	2
ST16037	Sidewalk Gaps	Transportation	Pending	4	\$ 1,250,000.00	8	\$ 40,878,800.00	3
FD16001	Fire Station 7 (Goose Creek Area)	Facilities	Active	4	\$ 4,330,000.00	7	\$ 45,208,800.00	4
ST16009	Franklin Road Improvements & Streetscape	Transportation	Active	4	\$ 14,340,000.00	7	\$ 59,548,800.00	5
ST16002	Goose Creek Interchange Lighting	Transportation	Pending	3	\$ 870,000.00	6	\$ 60,418,800.00	6
FM16001	New City Hall	Facilities	Active	4	\$ 24,100,000.00	5	\$ 84,518,800.00	7
ST16014	Franklin Rd & Mallory Station Rd Int. Improv.	Transportation	Pending	3	\$ 3,920,000.00	5	\$ 88,438,800.00	8
PK16018	Eastern Flank Circle (Loop Road) Repair	Parks & Recreation	Pending	4	\$ 130,000.00	4	\$ 88,568,800.00	9
PK16020	Bicentennial Park Schematic Design & Construction	Parks & Recreation	Active	4	\$ 1,905,000.00	4	\$ 90,473,800.00	10
ST16030	Sidewalk Lewisburg Ave	Transportation	Pending	4	\$ 580,000.00	4	\$ 91,053,800.00	11
PK16002	Main Barn Restoration (Harlinsdale)	Parks & Recreation	Pending	4	\$ 698,000.00	3	\$ 91,751,800.00	12
PK16008	Jim Warren Park Renovations	Parks & Recreation	Pending	3	\$ 2,885,000.00	3	\$ 94,636,800.00	13
PK16009	Liberty Park Improvements	Parks & Recreation	Pending	1	\$ 557,000.00	3	\$ 95,193,800.00	14
ST16008	East McEwen Dr. Right-Turn Bypass Lane	Transportation	Pending	4	\$ 974,400.00	3	\$ 96,168,200.00	15
ST16011	Mallory/N Royal Oaks & Liberty Intersection Imp.	Transportation	Pending	3	\$ 4,440,000.00	3	\$ 100,608,200.00	16
ST16017	Long Lane/Old Peytonsville Rd Connector at I-65	Transportation	Active	3	\$ 12,790,000.00	3	\$ 113,398,200.00	17
ST16031	Liberty Pike Sidewalk	Transportation	Pending	3	\$ 102,000.00	3	\$ 113,500,200.00	18
ST16038	Major Street Resurfacing	Transportation	Pending	2	\$ 13,800,000.00	3	\$ 127,300,200.00	19
PK16001	Hayes Home Restoration (Harlinsdale)	Parks & Recreation	Pending	4	\$ 718,500.00	2	\$ 128,018,700.00	20
PK16010	Splash Pad	Parks & Recreation	Pending	1	\$ 600,000.00	2	\$ 128,618,700.00	21
PK16013	Greenway & Bridge (Harlinsdale to Fulton Greer)	Parks & Recreation	Pending	3	\$ 652,944.00	2	\$ 129,271,644.00	22
ST16012	East McEwen Drive Extension - Phase 5	Transportation	Active	1	\$ 12,587,800.00	2	\$ 141,859,444.00	23
ST16015	Carothers Parkway Widening (Falcon Creek to SR-96)	Transportation	Pending	3	\$ 16,676,000.00	2	\$ 158,535,444.00	24
ST16019	N Royal Oaks Blvd (Alexander Plaza to Liberty Pk)	Transportation	Pending	1	\$ 8,688,400.00	2	\$ 167,223,844.00	25
ST16028	Clovercroft Road (SR96 to Oxford Glen)	Transportation	Pending	3	\$ 14,458,150.00	2	\$ 181,681,994.00	26
ST16029	Multi-Use Trail S Royal Oaks	Transportation	Pending	1	\$ 810,000.00	2	\$ 182,491,994.00	27
TOC16001	Carothers Parkway (South) ITS Extension	Transportation	Pending	4	\$ 1,375,000.00	2	\$ 183,866,994.00	28
TOC16002	ITS Camera at Columbia Ave & Mack Hatcher Pkwy	Transportation	Pending	2	\$ 85,000.00	2	\$ 183,951,994.00	29
PK16004	North Barn Restoration (Harlinsdale)	Parks & Recreation	Pending	2	\$ 689,400.00	1	\$ 184,641,394.00	30
PK16005	Harlinsdale Visitor Center & Museum	Parks & Recreation	Pending	2	\$ 3,100,760.00	1	\$ 187,742,154.00	31
PK16006	Worker House I & II (Harlinsdale)	Parks & Recreation	Pending	2	\$ 342,000.00	1	\$ 188,084,154.00	32
PK16012	Greenway (Pinkerton to Bicentennial)	Parks & Recreation	Pending	3	\$ 5,710,126.00	1	\$ 193,794,280.00	33
PK16016	Lockwood Glen Park	Parks & Recreation	Pending	2	\$ 210,750.00	1	\$ 194,005,030.00	34
PK16019	Harlinsdale Farm Interurban Trail Connection	Parks & Recreation	Pending	2	\$ 128,000.00	1	\$ 194,133,030.00	35

FY 2017-2026 CIP - BOMA Selections - Non-Weighted **(Facilities, Parks & Recreation, and Transportation Projects)**

Project Information							Total Votes (X of 9)	Cumulative Total	Counter
ID	Name	Category	Status	Star Ranking	Estimated Cost				
ST16004	Carothers Parkway Extension	Transportation	Pending	1	\$ 5,172,000.00		1	\$ 199,305,030.00	36
ST16006	Jordan Road Improvements	Transportation	Active	4	\$ 2,062,000.00		1	\$ 201,367,030.00	37
ST16013	Aspen Grove Dr & Seaboard Ln Intersection Improv.	Transportation	Active	2	\$ 1,708,000.00		1	\$ 203,075,030.00	38
ST16016	Lewisburg Pike Imp. (Donelson Crk Pkwy to SR-397)	Transportation	Pending	3	\$ 12,720,000.00		1	\$ 215,795,030.00	39
ST16018	S. Margin Infrastructure Upgrades (1st to Columbia)	Transportation	Pending	4	\$ 7,393,680.00		1	\$ 223,188,710.00	40
ST16022	Carothers Parkway Widening (Long Lane to Falcon Creek)	Transportation	Pending	3	\$ 9,435,629.00		1	\$ 232,624,339.00	41
ST16024	Multi-Use Trail Mack Hatcher (Franklin to Hillsboro)	Transportation	Pending	3	\$ 2,295,000.00		1	\$ 234,919,339.00	42
ST16025	Multi-Use Trail Oxford Glen Dr (Dailly to McEwen)	Transportation	Pending	3	\$ 870,000.00		1	\$ 235,789,339.00	43
ST16026	Multi-Use Trail Forrest Crossing Blvd.	Transportation	Pending	3	\$ 375,000.00		1	\$ 236,164,339.00	44
ST16027	Boyd Mill Ave (Downs to SR96W)	Transportation	Pending	2	\$ 7,421,542.00		1	\$ 243,585,881.00	45
ST16032	West Main Street (Natchez St to Downs Blvd)	Transportation	Pending	4	\$ 8,752,750.00		1	\$ 252,338,631.00	46
ST16034	Jordan Road (McEwen - Liberty)	Transportation	Pending	1	\$ 2,400,000.00		1	\$ 254,738,631.00	47
ST16036	Hillsboro Road Temporary Sidewalk	Transportation	Pending	1	\$ 550,000.00		1	\$ 255,288,631.00	48
TOC16003	ITS Camera at Franklin Rd & Mallory Station Rd	Transportation	Pending	2	\$ 85,000.00		1	\$ 255,373,631.00	49
TOC16007	Lewisburg Pike ITS Extension	Transportation	Pending	1	\$ 150,000.00		1	\$ 255,523,631.00	50
PK16003	Maintenance Building Restoration (Harlinsdale)	Parks & Recreation	Pending	1	\$ 549,000.00		0		
PK16007	North Pavilion & Restroom Facility (Harlinsdale)	Parks & Recreation	Pending	1	\$ 292,500.00		0		
PK16011	Greenway (Aspen Grove to Mack Hatcher)	Parks & Recreation	Pending	3	\$ 907,255.00		0		
PK16017	Greenway (Lewisburg to I-65/Harpeth River)	Parks & Recreation	Pending	1	\$ 3,300,000.00		0		
ST16001	Carlisle Lane Improvements	Transportation	Pending	1	\$ 4,186,000.00		0		
ST16003	Peytonsville Road Extension	Transportation	Pending	1	\$ 16,812,000.00		0		
ST16005	Peytonsville Rd & Pratt Ln Intersection Improv.	Transportation	Pending	1	\$ 5,016,000.00		0		
ST16010	Beta Drive Extension	Transportation	Pending	1	\$ 4,306,000.00		0		
ST16020	Multi-Use Trail SR-96W (Vera Valley Dr to 9th Ave)	Transportation	Pending	2	\$ 1,913,867.00		0		
ST16021	Multi-Use Trail (Mack Hatcher Pkwy to EFBP)	Transportation	Pending	1	\$ 1,987,451.00		0		
ST16023	Multi-Use Trail 1st Ave (South Margin to Bridge)	Transportation	Pending	1	\$ 1,470,000.00		0		
ST16033	Carters Creek Pk (Old Carters Creek - Downs Blvd)	Transportation	Pending	2	\$ 23,287,500.00		0		
ST16035	Columbia Ave (Downs Blvd to Fowlkes St)	Transportation	Pending	2	\$ 17,900,000.00		0		
TOC16004	Hillsboro Road ITS Extension	Transportation	Pending	3	\$ 700,000.00		0		
TOC16005	Highway 96 West ITS Extension - Phase 1	Transportation	Pending	1	\$ 285,000.00		0		
TOC16006	Highway 96 West ITS Extension - Phase 2	Transportation	Pending	1	\$ 310,000.00		0		

BOMA Ranking: 1

Project #	PK16014
Project Name	East/Southeast Multipurpose Park

Department Parks
 Contact Park Director
 Type New
 Useful Life 20+
 Category Parks and Recreation
 Priority 4 Star Project
 Status Pending

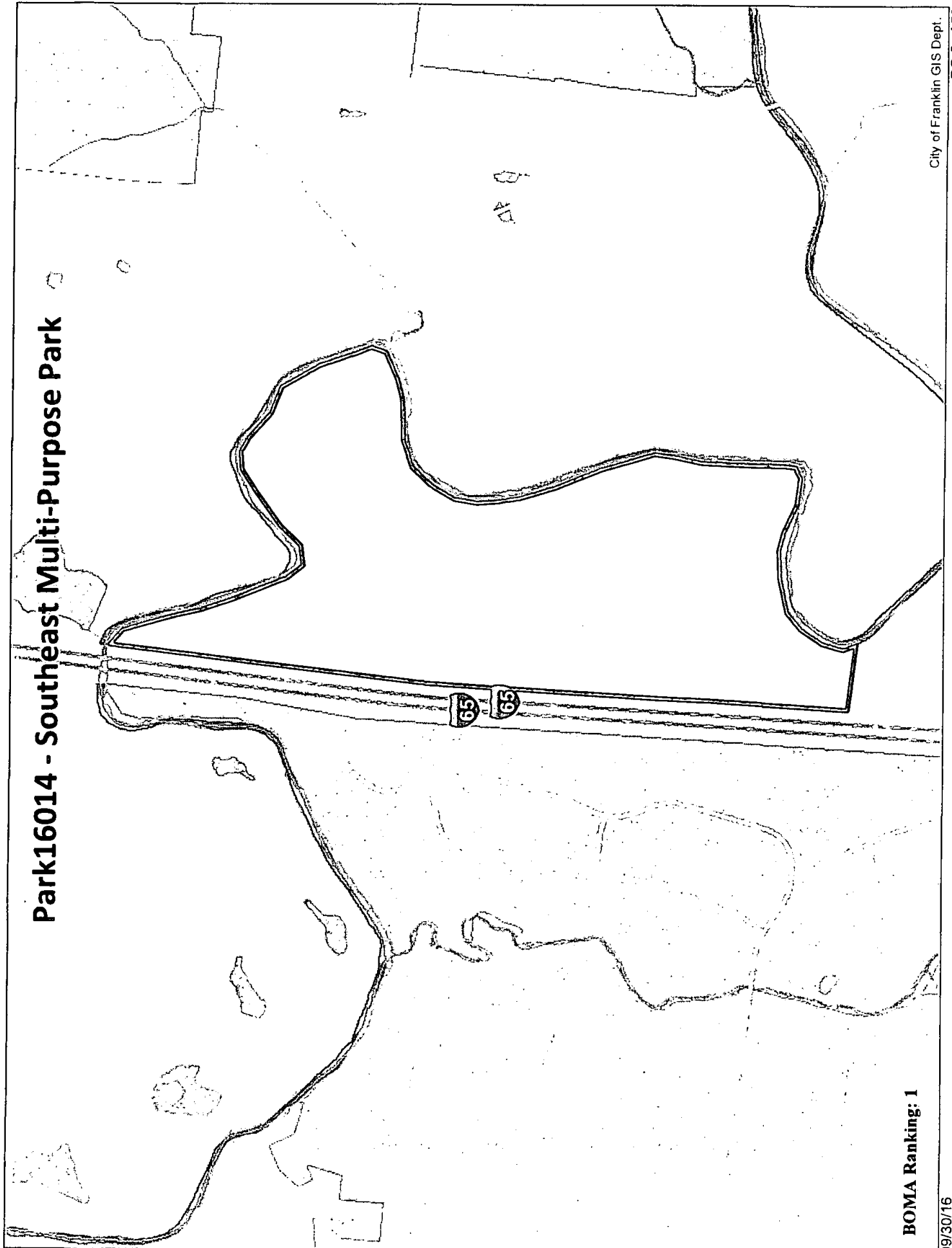
Total Cost \$13,200,000

Description
 This section of greenway will transition to a multi-use pathway in certain sections. The trail will connect to the proposed Mack Hatcher multi-use pathway in the future. The intersection of Mack Hatcher and Lewisburg Pike will be particularly difficult to manage but an at-grade crossing is proposed at this traffic light. From Mack Hatcher, the trail will continue south along Lewisburg Pike until it heads east near the intersection of Donelson Creek Parkway along the southern edge of the Waters Edge development to the Harpeth River. The trail will again say along the south side of the Harpeth until Five Mile Creek. A bridge crossing to the East side of Five Mile Creek provides an opportunity to connect via easements south to Berry Farms.

Justification

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	1,200,000										1,200,000
Construction		4,000,000	4,000,000	4,000,000							12,000,000
Total	1,200,000	4,000,000	4,000,000	4,000,000	4,000,000						13,200,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Parkland Dedication	1,200,000	4,000,000	4,000,000	4,000,000							13,200,000
Total	1,200,000	4,000,000	4,000,000	4,000,000	4,000,000						13,200,000

Park16014 - Southeast Multi-Purpose Park



BOMA Ranking: 1

09/30/16

City of Franklin GIS Dept.

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BOMA Ranking: 2

Project #	ST16007
Project Name	East McEwen Drive Improvements - Phase 4

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 4 Star Project
 Status Active

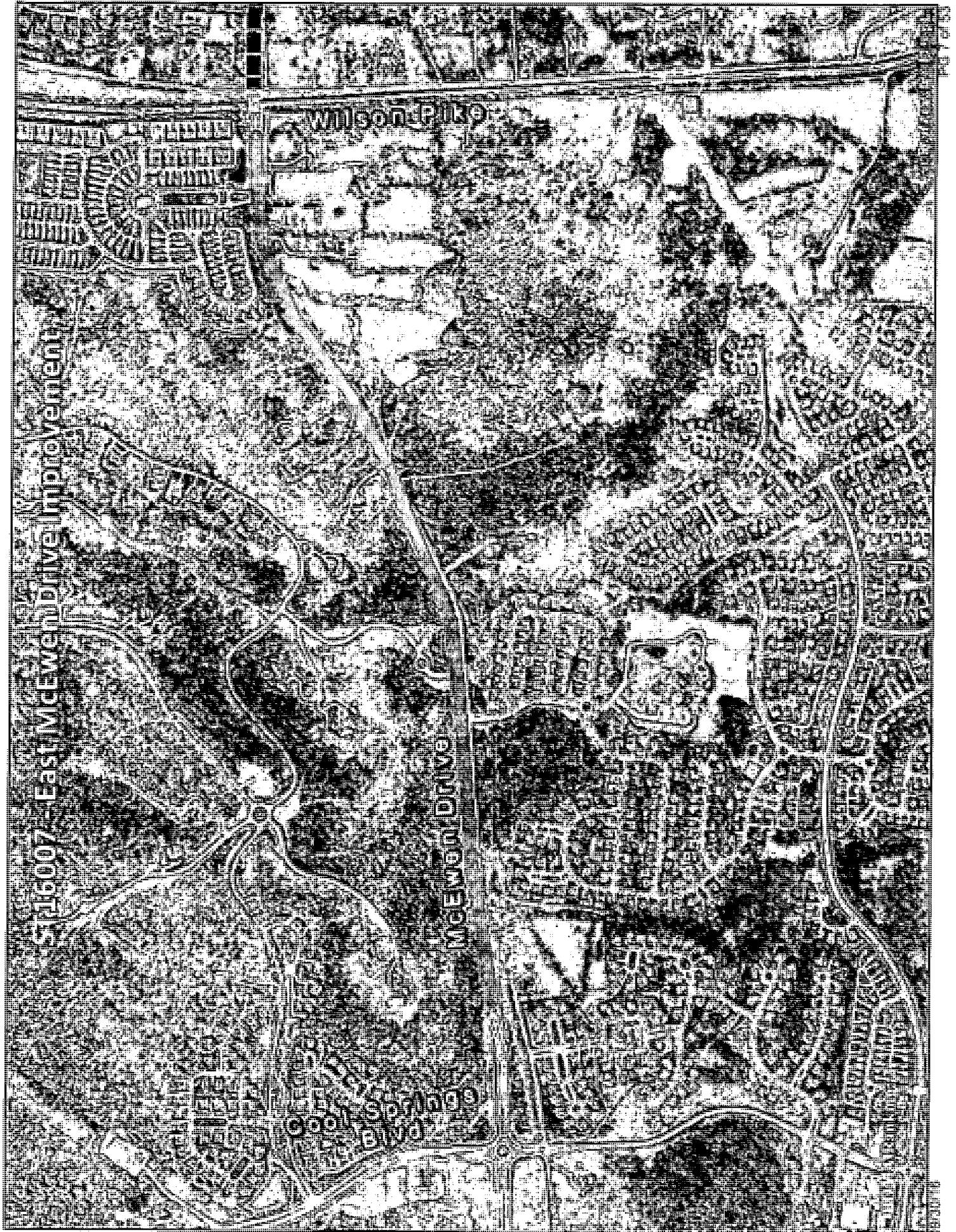
Total Cost \$26,428,800

Description	Total Cost
Improvement of East McEwen Drive, from 800 feet east of the roundabout at Cool Springs Boulevard/Oxford Glen Drive to Wilson Pike (SR-252). The project shall be constructed as a four (4) lane, median divided facility with turn lanes as required. Project shall include: access management (as allowable), curb & gutter, street lights, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 8,200 LF.	
Justification	
Congestion Mitigation: The Cools Springs Area is a major employment area within middle TN. As development continues along Carothers Parkway so does the AADT on McEwen Drive. McEwen Drive is an important East / West Connector between Nolensville, La Vergne, Smyrna and Rutherford County. In the last few years the Board has approved 5.2 Million SF of Office, 450,000 SF of retail, 700 hotel rooms and 2,418 multifamily units at the Carothers and McEwen Intersection alone. Improving this roadway will help to significantly reduce congestion for commuters trying to access the Cool Springs area. Safety: This rural roadway is an important East / West Connector between Nolensville, La Vergne, Smyrna and Rutherford County. This roadway has significant vertical and horizontal issues that need corrected to improve safety. Economic Development: The City has invested heavily in the Carothers McEwen area over the last few years. We are now seeing the private market invest millions of dollars into office and retail space along Carothers Parkway. These upgrades are needed to reduce congestion and improve safety so that we can retain and attract new businesses long term.	

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	100,000										100,000
ROW and Easements	2,500,000	1,000,000									3,500,000
Construction Engineering / Inspection		500,000	500,000	500,000							1,000,000
Construction		10,914,400	10,914,400	10,914,400							21,828,800
Total	2,600,000	1,000,000	11,414,400	11,414,400							26,428,800

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Road Impact Fees	2,600,000	1,000,000	10,688,830	10,688,830							24,977,660
Stormwater		545,720	545,720	545,720							1,091,440
Wastewater Renewal		179,850	179,850	179,850							359,700
Total	2,600,000	1,000,000	11,414,400	11,414,400							26,428,800

Capital Improvement Plan FY2017-2026



BOMA Ranking: 15

Project # **ST16008**
 Project Name **East McEwen Dr. Right-Turn Bypass Lane**

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 4 Star Project
 Status Pending

Total Cost \$974,400

Description

Improvement of roundabout at East McEwen Drive and Cool Springs Boulevard/Oxford Glen Drive. The project consists of the construction of a right-turn bypass lane for westbound motorists turning right from East McEwen Drive onto Cool Springs Boulevard. Approximate project length of 1,000 LF.

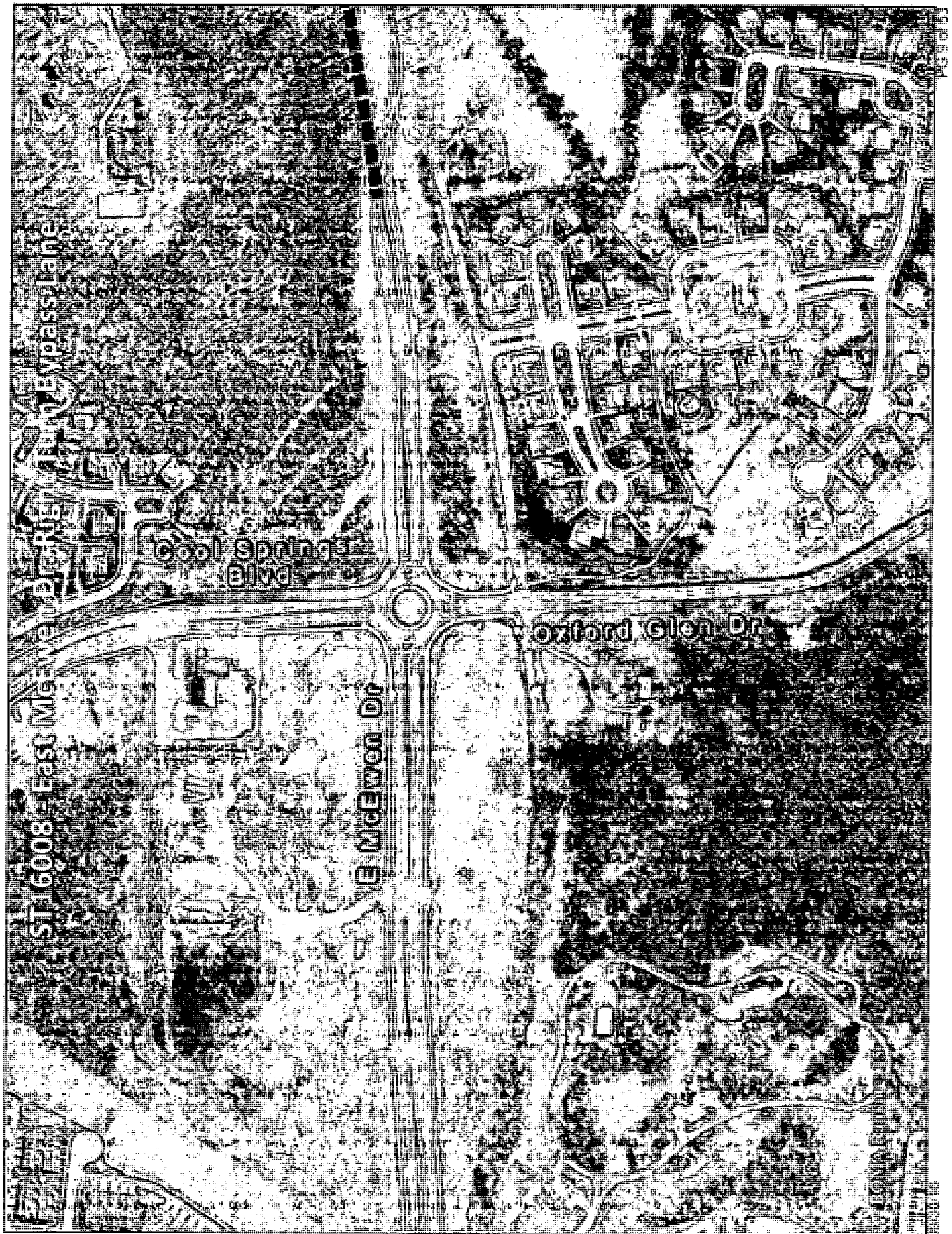
Justification

Congestion Mitigation: The Cools Springs Area is a major employment area within Middle TN. As development continues along Carothers Parkway so does the AADT on McEwen Drive. McEwen Drive is an important East / West Connector between Nolensville, La Vergne, Smyrna and Rutherford County. In the last few years the Board has approved 5.2 Million SF of Office, 450,000 SF of retail, 700 hotel rooms and 2,418 multifamily units at the Carothers and McEwen Intersection alone. Improving this intersection will help to significantly reduce congestion for commuters trying to access the Cool Springs area.

Safety: This roundabout has one of the highest crash rates within the city. The high crash rate is probably due to lack of public understanding of how to drive through a roundabout and the high volume of traffic utilizing this roundabout. The addition of right-turn bypass lane is anticipated to reduce both congestion and accidents at this intersection.

Economic Development: The City has invested heavily in the Carothers McEwen area over the last few years. We are now seeing the private market invest millions of dollars into office and retail space along Carothers Parkway. These upgrades are needed to reduce congestion and improve safety so that we can retain and attract new businesses long term.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	70,000										70,000
ROW and Easements		350,000									350,000
Construction Engineering / Inspection			59,400								59,400
Construction			495,000								495,000
Total	70,000	350,000	554,400								974,400
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Road Impact Fees	70,000	350,000	529,650								949,650
Stormwater			24,750								24,750
Total	70,000	350,000	554,400								974,400



BOMA Ranking: 3

Project #	ST16037
Project Name	Sidewalk Gaps

Department Streets
 Contact Engineering Director
 Type New
 Useful Life 20+
 Category Transportation
 Priority 4 Star Project
 Status Pending

Description	Total Cost \$1,250,000
Annual budget of \$250,000 over a 5-year period to "fill-in" gaps in the existing sidewalk network.	

Justification	Segments of sidewalk that do not have logical connections (e.g gaps) exist in many areas around the City. An dedicated budget item on an annual basis would allow the City the opportunity to complete existing sidewalk networks by "filling-in" these gaps.											
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Construction	250,000	250,000	250,000	250,000	250,000						1,250,000
Total	250,000	250,000	250,000	250,000	250,000						1,250,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General	250,000	250,000	250,000	250,000	250,000						1,250,000
Total	250,000	250,000	250,000	250,000	250,000						1,250,000

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BOMA Ranking: 4

Project #	FD16001
Project Name	Fire Station 7 (Goose Creek Area)

Department Fire
 Contact Fire Chief
 Type New
 Useful Life 20+
 Category Emergency Services
 Priority 4 Star Project
 Status Active

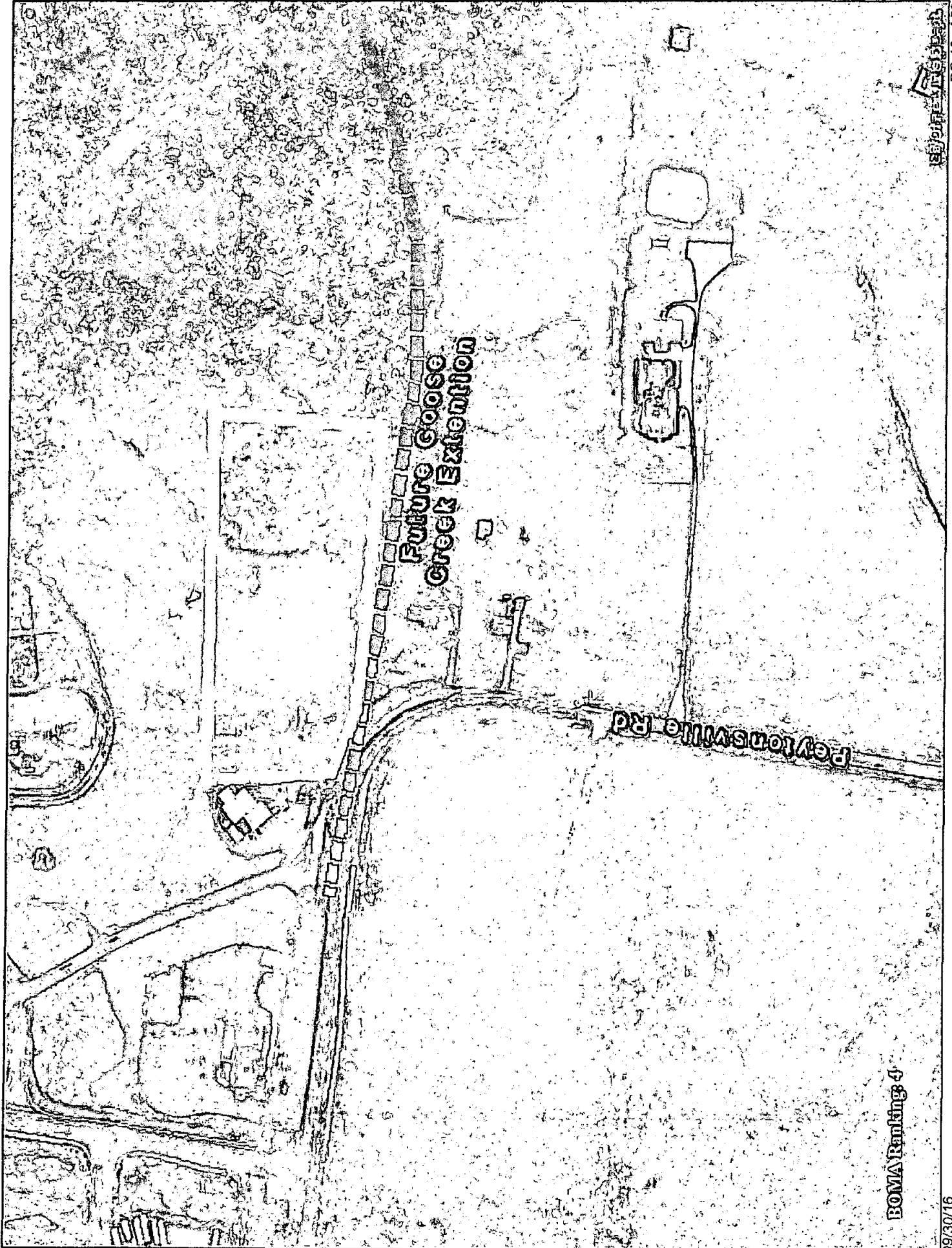
Total Cost \$4,330,000

Description	New Fire Station at the Williamson County AG Complex
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Justification	The City currently operates a temporary fire station at the Williamson County AG Complex. This temporary fire station needs to be replaced with a permanent facility.
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	80,000										80,000
Construction Engineering / Inspection		250,000									250,000
Construction		3,900,000									3,900,000
Equip/Vehicles/Furnishings			100,000								100,000
Total	80,000	4,150,000	100,000								4,330,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Facilities Tax	80,000	4,150,000	100,000								4,330,000
Total	80,000	4,150,000	100,000								4,330,000



BOMA Ranking: 5

Project #	ST16009
Project Name	Franklin Road Improvements & Streetscape

Department Streets
Contact Engineering Director
Type Improvement
Useful Life 20+
Category Transportation
Priority 4 Star Project
Status Active

Total Cost \$14,340,000

Description
 Improvement of Franklin Road, from the bridge at the Harpeth River to Hooper Lane. The project shall be constructed as a three (3) facility. Project shall include: curb & gutter, street lights, ITS Infrastructure, sidewalks, and typical streetscape elements. Approximate project length of 3,500 LF.

Justification
 Congestion Mitigation: This project will provide limited congestion mitigation as it relates to vehicular traffic.

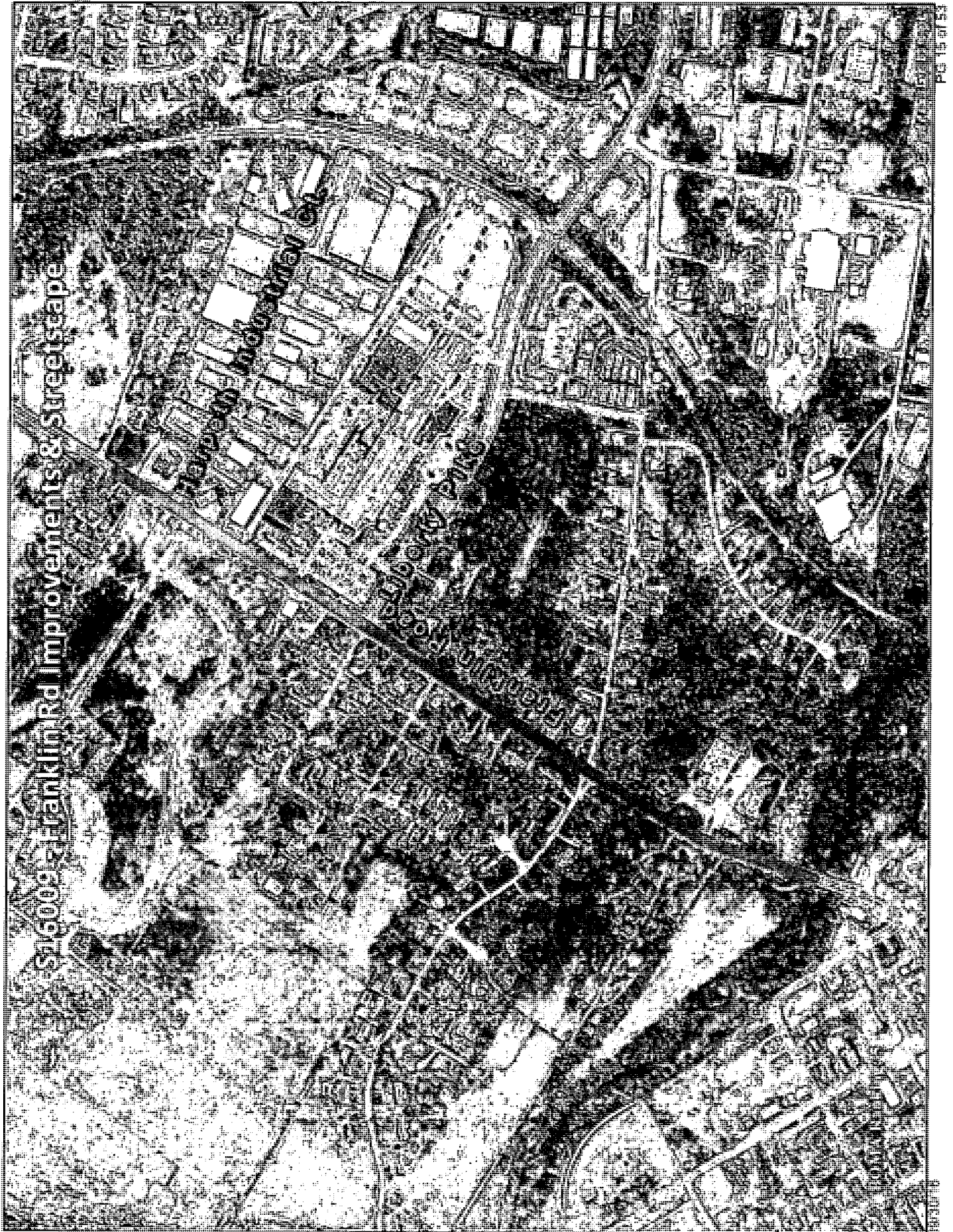
Safety: Pedestrian safety and utility upgrades are on the primary reasons for moving this project forward. This project will provide a safe way for pedestrians to access Harlinsdale Farm, Jamison Station and the Factory. As more events are moved to Harlinsdale Farm the priority of this project continues to increase.

Economic Development: Downtown Franklin is a destination point that attracts numerous visitors and business to City. We need to continue investment within our historic downtown area to ensure that it remains a safe and walkable community to all residents and visitors

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)		50,000									50,000
ROW and Easements		2,500,000									2,500,000
Construction Engineering / Inspection			450,000	450,000							900,000
Construction			5,445,000	5,445,000							10,890,000
Total		2,550,000	5,895,000	5,895,000							14,340,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Road Impact Fees			4,405,450	4,405,450							11,360,900
Stormwater		2,550,000	272,250	272,250							544,500
Hotel/Motel Tax			750,000	750,000							1,500,000
Water Capacity			155,650	155,650							311,300
Wastewater Capacity			78,000	156,000							234,000
Water Renewal			155,650	155,650							311,300
Wastewater Renewal			78,000								78,000
Total		2,550,000	5,895,000	5,895,000							14,340,000

Capital Improvement Plan FY2017-2026



BOMA Ranking: 6

Department Streets
 Contact Engineering Director
 Type New
 Useful Life 20+
 Category Transportation
 Priority 3 Star Project
 Status Pending

Project #	ST16002
Project Name	Goose Creek Interchange Lighting

Description	Total Cost \$870,000
Interchange Lighting for Goose Creek at I-65. The City will need to partner with TDOIT to fund 50% of the cost associated with this project.	

Justification	Safety: Lighted intersections and interchanges tend to have fewer crashes than unlighted intersections/interchanges. The majority of the intersection crashes at night are primarily associated with visibility.
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)						60,000					60,000
Construction Engineering / Inspection							60,000				60,000
Construction							750,000				750,000
Total						60,000	810,000				870,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General						30,000	405,000				435,000
MPO/TDOT Funding						30,000	405,000				435,000
Total						60,000	810,000				870,000



ST116002 - Goose Creek Interchange Lighting

BOM/Planning 6

BOMA Ranking: 19

Department Streets
Contact Streets Director
Type Maintenance
Useful Life 10-20 years
Category Transportation
Priority 2 Star Project
Status Pending

Project # ST16038

Project Name Major Street Resurfacing

Total Cost \$13,800,000

Description

The resurfacing (e.g. paving) of major roadways within the City are proposed to be included in the Capital Investment Plan (CIP) as follows:

- 2017 - Cool Springs Blvd, from Mack Hatcher Pkwy to East McEwen Dr
- 2018 - Royal Oaks Blvd/Mallory Ln, from Mack Hatcher Pkwy to Cool Springs Blvd
- 2019 - Mallory Ln, from Cool Springs Blvd to Moores Ln
- 2020 - Liberty Pk, from Franklin Rd to Broadgate Dr/Waverly Pl
- 2021 - Del Rio Pk, from Cotton Ln to Hillsboro Rd
- 2022 - Carothers Pkwy, from Long Ln to Isabella Ln
- 2023 - East McEwen Dr, from Cool Springs Blvd to Wilson Pk
- 2024 - Boyd Mill Ave/Carlisle Ln, from SR-96W (Jim Warren Park) to Del Rio Pk

As expected, any scheduled maintenance would be significantly postponed by the funding over major reconstruction projects. For example, the funding of the East McEwen Drive Phase 4 Project would eliminate the immediate need to repave that section of East McEwen Drive, as repaving would be performed as a part of the reconstruction project.

Justification

Currently, the City of Franklin Streets Department primarily utilizes State Street Aid to fund the maintenance (e.g. paving) of City streets. The yearly shortfall in available funds for resurfacing projects forces the City to extend to time between pavement maintenance to an undesirable level (e.g. greater than 20 year cycle). To meet the needs of the entire City, large projects must be broken into many projects over a multi-year timespan. This can lead to shorter pavement life and less than desirable rideability.

The inclusion of major resurfacing projects in the Capital Investment Plan (CIP) would allow the Streets Department to focus their annual budget on local streets and minor collectors. This additional funding would also allow for a shorter cycle between paving cycles, which will lead to better street conditions.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Construction	2,400,000	1,700,000	1,300,000	900,000	1,800,000	3,100,000	1,700,000	900,000			13,800,000
Total	2,400,000	1,700,000	1,300,000	900,000	1,800,000	3,100,000	1,700,000	900,000			13,800,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General	2,400,000	1,700,000	1,300,000	900,000	1,800,000	3,100,000	1,700,000	900,000			13,800,000
Total	2,400,000	1,700,000	1,300,000	900,000	1,800,000	3,100,000	1,700,000	900,000			13,800,000

Capital Improvement Plan FY2017-2026

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Possible Phase II CIP Projects

Summary of Possible Phase 2 Projects

ID	Name	BOMA Rank	Reason for consideration:
FM16001	New City Hall	7	Received 5 of 9 BOMA Votes. The Board should consider future planning for City Hall.
ST16014	Franklin Rd & Mallory Station Rd Int. Improvements	8	Received 5 of 9 BOMA Votes. Significant Peak Hour Delays at the intersection.
PK16018	Eastern Flank Circle (loop Road) Repair	9	Received 4 of 9 BOMA Votes. Roadway is a maintenance problem for the Parks Department.
PK16020	Bicentennial Park Schematic Design & Construction	10	Received 4 of 9 BOMA Votes. Staff would recommend that we look at phasing the project and work with the board to determine how to proceed.
ST13030	Sidewalk Lewisburg Ave	11	Received 4 of 9 BOMA Votes. This fills in a gap within our downtown and has been requested by the residents.
ST16011	Mallory/N Royal Oaks & Liberty Intersection Imp.	16	Significate delay anticipated at this intersection due to private development / investment along the Carothers and Mallory corridor.
ST16017	Long Lane Old Peytonsville Rd Connector	17	Significate private development / investment within the Southeast area of the City. This investment is driving the need for improved connectivity to keep up with Development.
PK16013	Greenway Harlinsdale to Cheek & Fulton Greer Park	22	Possible partnership with Friends of Franklin Park and Heritage Foundation.
TOC16001	Carothers Parkway (South) ITS Extension	28	Need to extend ITS infrastructure to the Goose Creek Area due to the number of signals and need to connect to Fire Station 7.
PK16012	Pinkerton Park to Bicentennial Park	33	Possible partnership with Friends of Franklin Park and Heritage Foundation.
ST16006	Jordan Road Improvements	37	This is a rural road in an urban environment. The Roadway needs significant upgrades.
ST16013	Aspen Grove & Seaboard Ln Intersection	38	Significant peak hour delays at this intersection. The city has applied to obtain a CMAQ grant with the Nashville area MPO.
ST16018	S. Margin Infrastructure Upgrades	40	All water, sewer and storm infrastructure needs to be replaced. This is a high priority to help with operations and maintenance of the infrastructure.
PK16020	Multiuse Trail (Vera Valley -- 9 th Ave)	N/A	The City has obtained a grant from TDOT for this project. City staff recently submitted on another grant opportunity to help fund this project.
ST16005	Peytonsville Rd & Pratt Ln Intersection	N/A	The City has committed to completing this project long term.
ST16023	Multiuse Trail 1 st Ave (South Margin to Bridge)	N/A	Possible partnership with Friends of Franklin Park and Heritage Foundation.

BOMA Ranking: 7

Project #	FM16001
Project Name	New City Hall

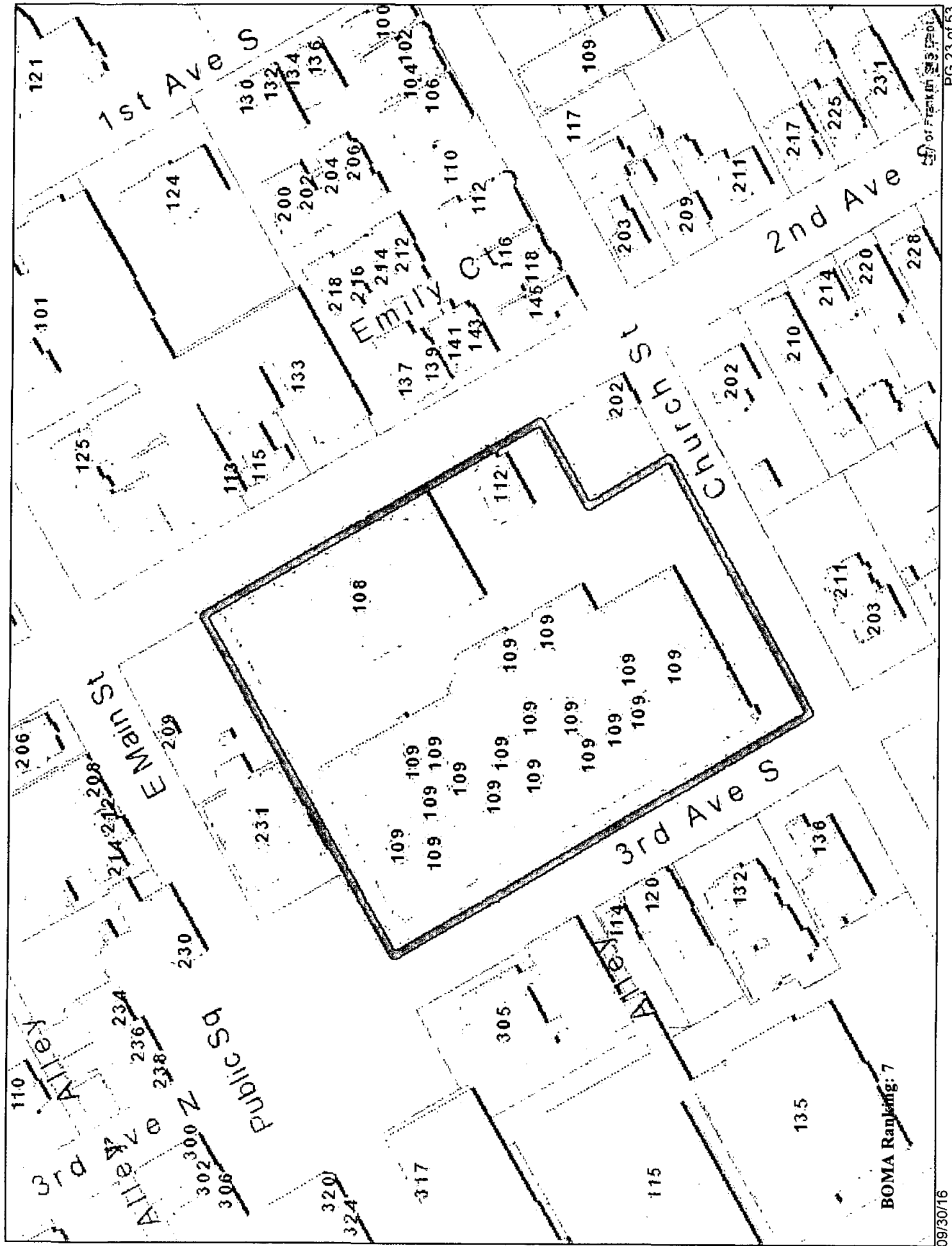
Department Project & Facilities Mgmt.
 Contact Engineering Director
 Type New
 Useful Life 20+
 Category General Services
 Priority 3 Star Project
 Status Pending

Total Cost \$24,100,000

Description											
New City Hall Building											

Justification	The City has assessed the need for a new City Hall and believes that the existing City Hall is inadequate to meet present and foreseeable future needs, given the rapid growth and increased demand for superior municipal services in Franklin.
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)					400,000	400,000					800,000
Construction Engineering / Inspection						400,000	400,000	400,000			800,000
Construction						11,000,000	11,000,000	11,000,000			22,000,000
Equip/Vehicles/Furnishings									500,000		500,000
Total					400,000	400,000	11,400,000	11,400,000	500,000		24,100,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Facilities Tax					400,000	400,000	11,400,000	11,400,000	500,000		24,100,000
Total					400,000	400,000	11,400,000	11,400,000	500,000		24,100,000



BOMA Ranking: 7

BOMA Ranking: 8

Department Streets
Contact Engineering Director
Type Improvement
Useful Life 20+
Category Transportation
Priority 3 Star Project
Status Pending

Project # ST16014
Project Name Franklin Rd & Mallory Station Rd Int. Improv.

Description
 Reconstruction of intersection at Franklin Road (SR-6/US-31) and Mallory Station Road to allow for more efficient peak hour movements. Approximate project length of 1,000 LF.

Total Cost \$3,920,000

Justification

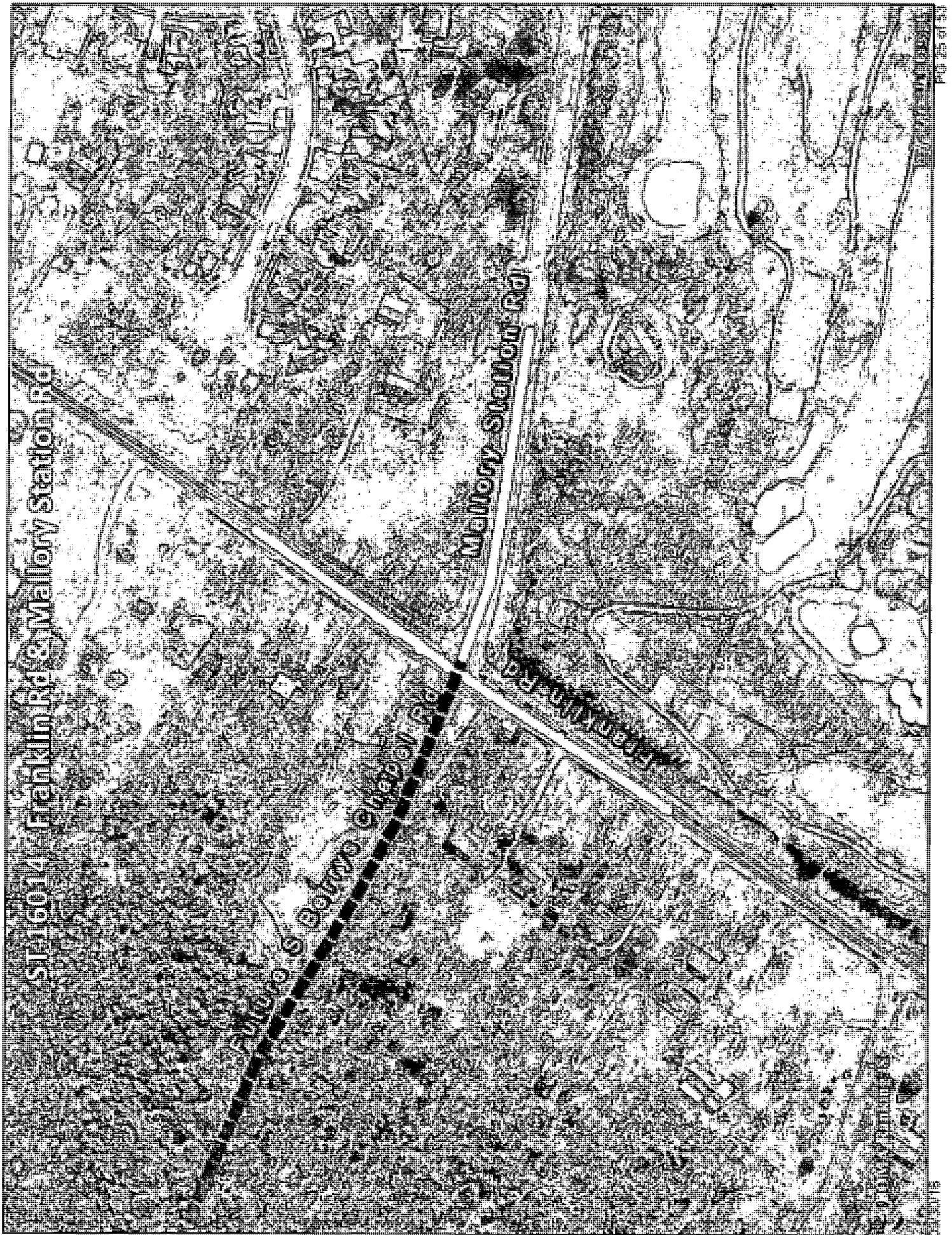
Congestion Mitigation: Capacity at this intersection is approaching failures and it currently has significant peak hour delays.

Safety: No existing safety concerns at this intersection. Pedestrian facilities should be incorporated to the intersection improvement to comply with the Cities master plan.

Economic Development: Redevelopment and future economic development along this corridor is limited. This improvement is needed to maintain our high quality of life by reducing congestion and improving safety along this Major Arterial Roadway.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)		216,000									216,000
ROW and Easements			680,000								680,000
Construction Engineering / Inspection				324,000							324,000
Construction					2,700,000						2,700,000
Total		216,000	680,000	680,000	3,024,000						3,920,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General			108,000	340,000	1,444,500						1,892,500
Road Impact Fees			108,000	340,000	1,444,500						1,892,500
Stormwater					135,000						135,000
Total		216,000	680,000	680,000	3,024,000						3,920,000



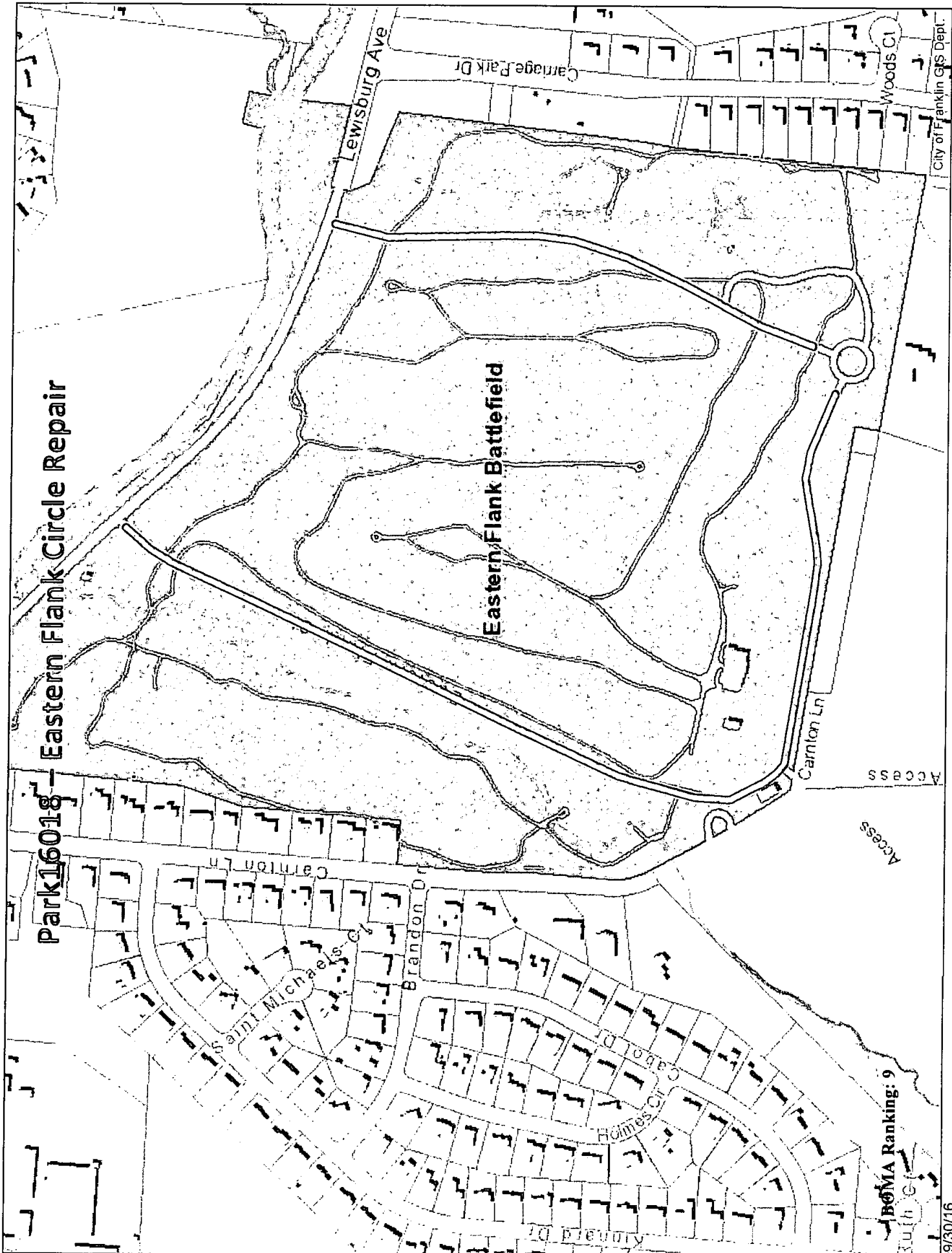
BOMA Ranking: 9

Project #	PK16018
Project Name	Eastern Flank Circle (Loop Road) Repair

Department Parks
 Contact Park Director
 Type Improvement
 Useful Life 20+
 Category Parks and Recreation
 Priority 3 Star Project
 Status Pending

Description	Total Cost	\$130,000
Cover existing DBST with West TN Mix		
Justification		

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Construction	130,000										130,000
Total	130,000										130,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Hotel/Motel Tax	130,000										130,000
Total	130,000										130,000



BOMA Ranking: 10

Project # **PK16020**
 Project Name **Bicentennial Park Schematic Design & Construction**

Department **Parks**
 Contact **Park Director**
 Type **Improvement**
 Useful Life **20+**
 Category **Parks and Recreation**
 Priority **4 Star Project**
 Status **Active**

Total Cost **\$1,905,000**

Description

Located at 214 N. Margin St.: Update the current 2008 master plan and design for construction of a paving system or ground cover for the park surrounding the Bicentennial park pavilion, east side of the park and the Worley property if purchased by the City. Design and prepare construction documents to include but not limited to soil testing, stormwater management needs, vehicular load requirements, local regulations and flood restrictions. Project areas are highlighted.

Justification

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	145,000										145,000
Construction Engineering / Inspection		100,000	100,000								200,000
Construction		780,000	780,000								1,560,000
Total	145,000	880,000	880,000								1,905,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Hotel/Motel Tax	145,000	880,000	880,000								1,905,000
Total	145,000	880,000	880,000								1,905,000

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BOMA Ranking: 11

Department Streets
Contact Engineering Director
Type Improvement
Useful Life 20+
Category Transportation
Priority 4 Star Project
Status Pending

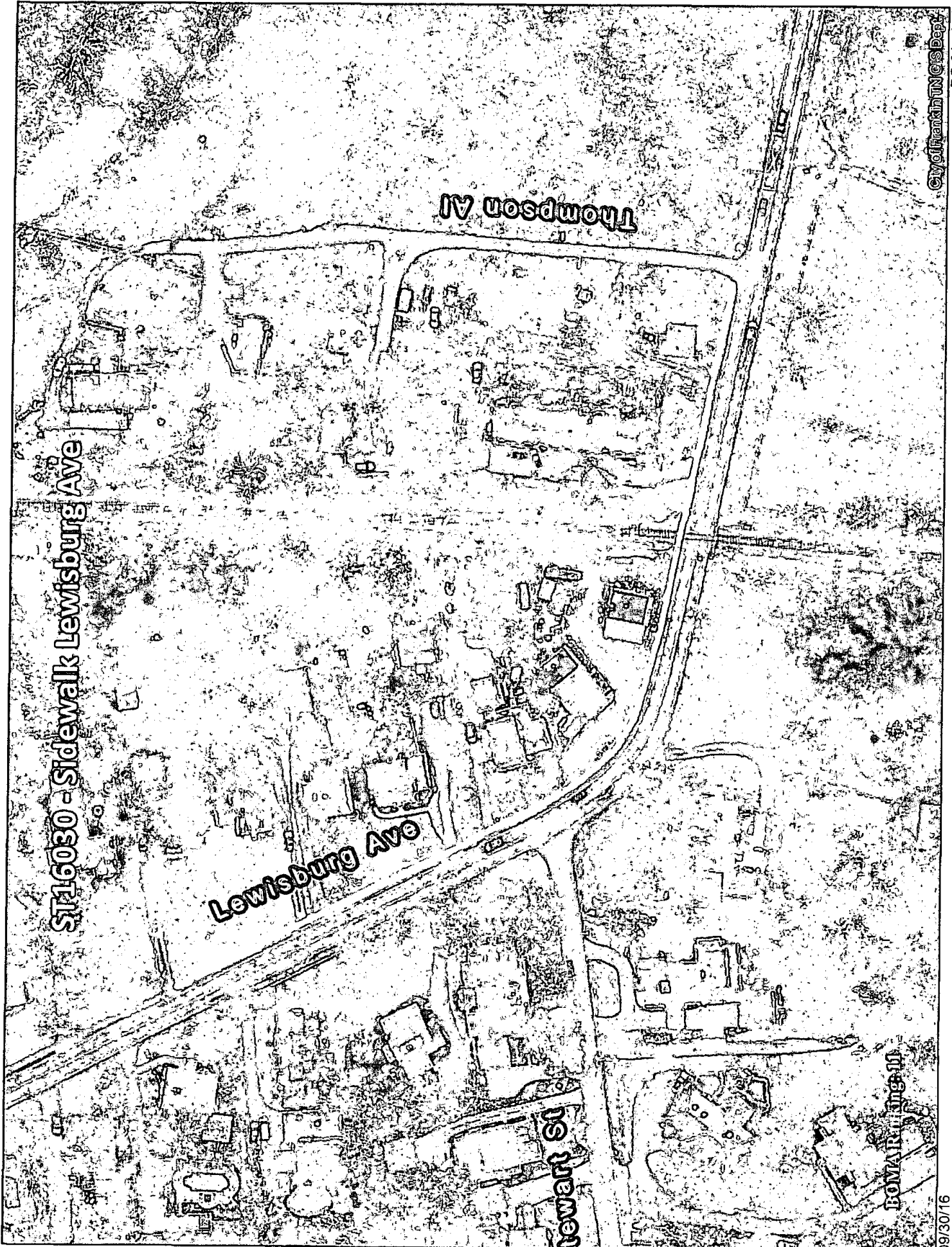
Project #	ST16030
Project Name	Sidewalk Lewisburg Ave

Total Cost \$580,000

Description	Build a sidewalk along the north side of Lewisburg Ave. This project will require the installation of curb and gutter, storm infrastructure and a rebuilding at least one lane of traffic.
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Justification	This will provide additional sidewalk in our downtown and provide connectivity to Thompson Alley and the Park.
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	80,000										80,000
ROW and Easements		100,000									100,000
Construction			400,000								400,000
Total	80,000	100,000	400,000								580,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General	80,000	100,000	400,000								580,000
Total	80,000	100,000	400,000								580,000



BOMA Ranking: 16

Project #	ST16011
Project Name	Mallory/N Royal Oaks & Liberty Intersection Imp.

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 3 Star Project
 Status Pending

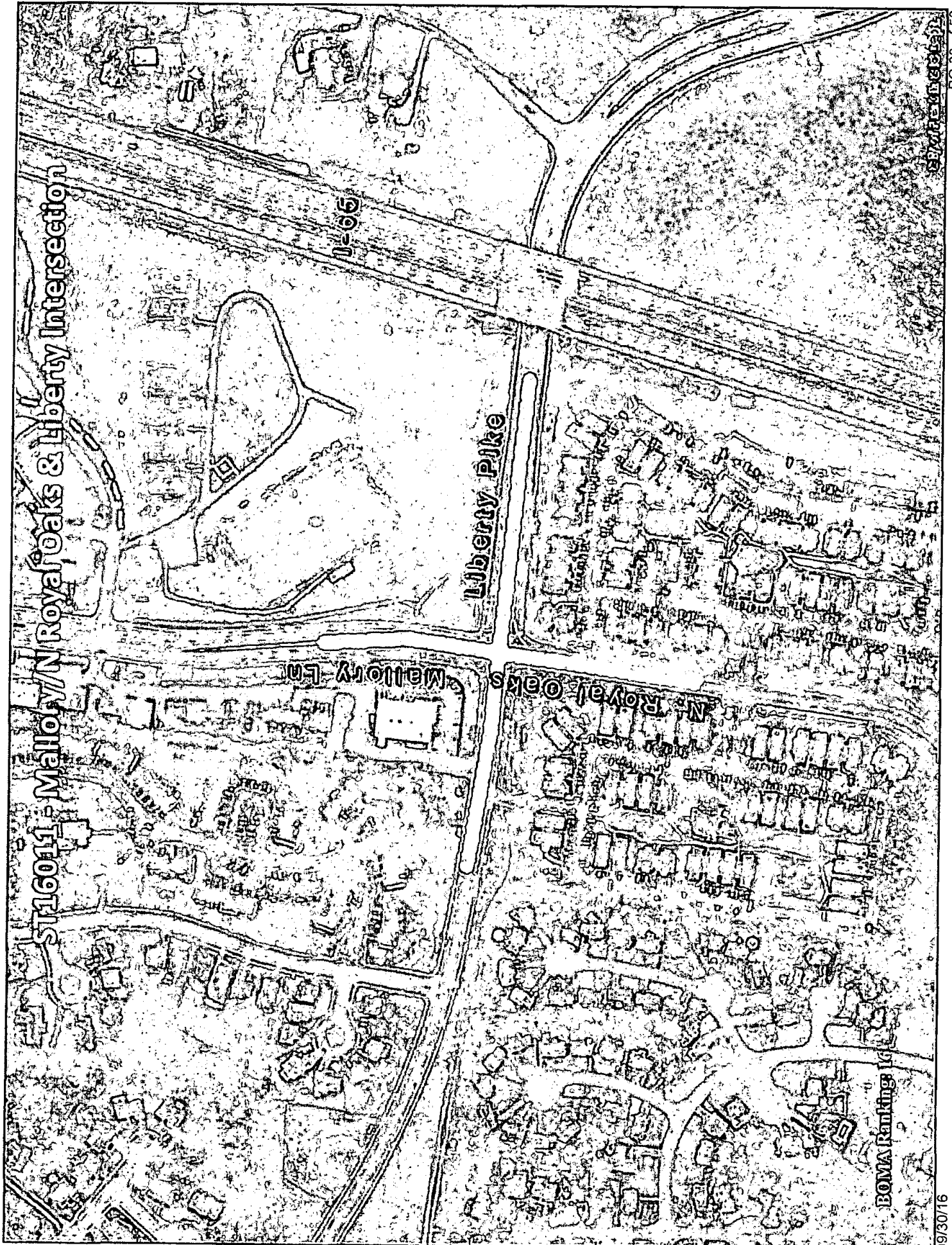
Total Cost \$4,440,000

Description
 Intersection improvements to North Royal Oaks Boulevard, Liberty Pike and Mallory Lane. This intersection is projected to be at a failure level in the next 3-4 years based on the proposed development along Carothers Parkway. If this project is not completed, there will be significant delays at this key intersection.

Justification
 Congestion Mitigation: It is anticipated that this roadway will reach failure levels within the next 5 years. The increased traffic is a result of all the development along Carothers Parkway and other areas within Cool Springs.
 Safety: No existing safety concerns at this intersection. Pedestrian facilities should be incorporated to the intersection improvements to comply with the Cities master plan.
 Economic Development: Redevelopment and future economic development in the Cool Springs area continues. This improvement is needed to maintain our high quality of life by reducing congestion and improving safety along this Major Arterial Roadway.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)				216,000							216,000
ROW and Easements					1,200,000						1,200,000
Construction Engineering / Inspection						324,000					324,000
Construction						2,700,000					2,700,000
Total				216,000	1,200,000	3,024,000					4,440,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Road Impact Fees				216,000	1,200,000	2,721,400					4,137,400
Stormwater						135,000					135,000
Water Capacity						55,000					55,000
Wastewater Renewal						112,600					112,600
Total				216,000	1,200,000	3,024,000					4,440,000



BOMA Ranking: 17

Project #	ST16017
Project Name	Long Lane/Old Peytonsville Rd Connector at I-65

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 3 Star Project
 Status Active

Total Cost \$12,790,000

Description
 Included in the update to the Major Thoroughfare Plan are 2 crossings of I-65. This project is one of those crossings as is intended to connect Old Peytonsville Road with Long Lane. The main advantage of this crossing is to allow for traffic interconnectivity across I-65 without having to use Goose Creek By-Pass or Highway 96. Limits of construction are from Five Mile Creek Bridge to 500 feet east of Baskin Property. Approximately 2,500 LF.

Justification
 Congestion Mitigation: AADT on Carothers Parkway and Lewisburg Pike is expected to reach 25,000 VPD. The Board has approved numerous developments in the South East section of the City. Approvals include approximately 2,663 Single Family Units, 2,004 Multi-Family Units, 1.8 Million SF in Retail and 3.4 Million SF in Office/Civic Development. In addition TDOT has approved 7 traffic signals along Goose Creek Bypass. This option will provide an important alternative route to avoid future congestion.

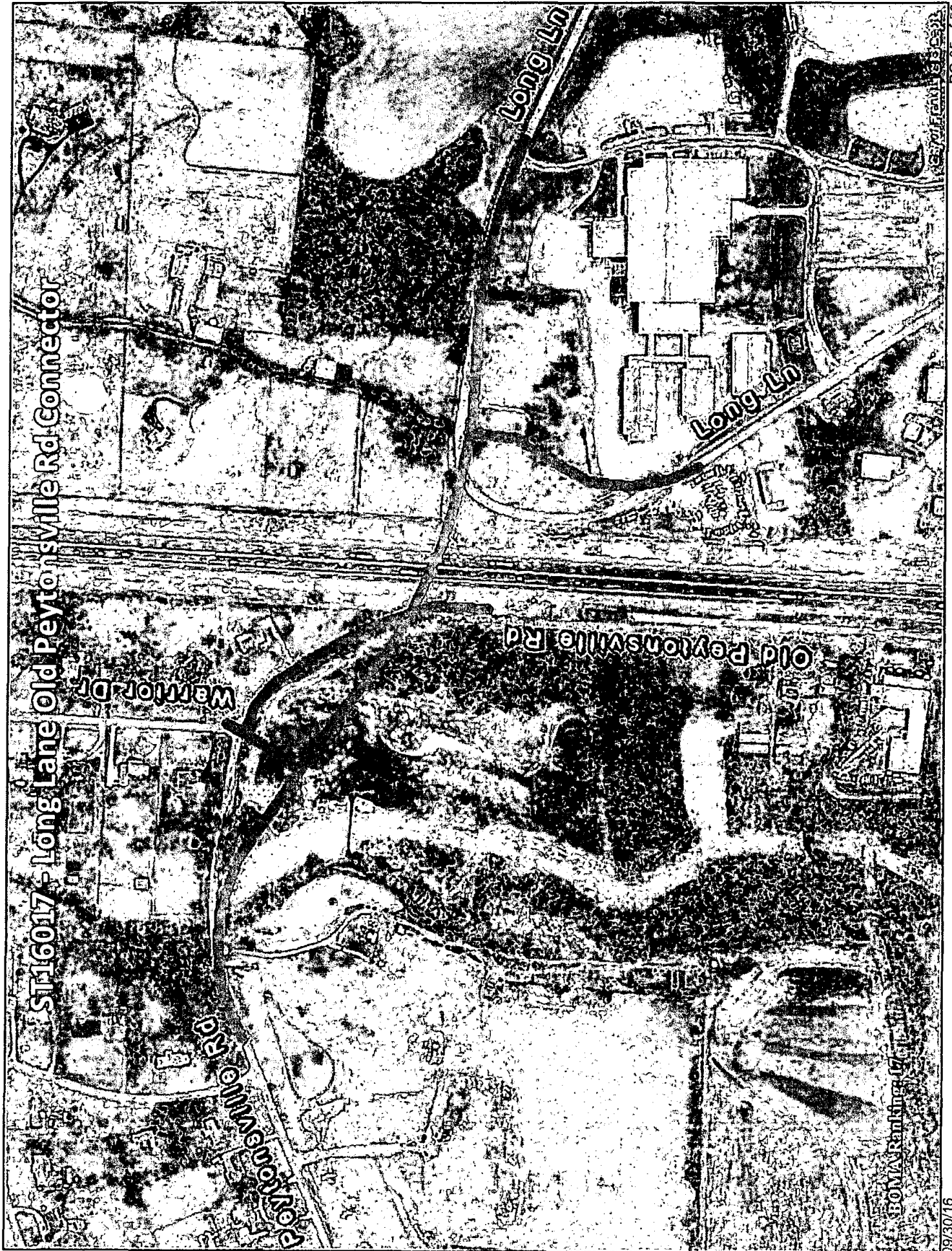
Safety: As traffic increases on Carothers Parkway and Lewisburg Pike this roadway will become increasingly important. This connection will help reduce traffic on our arterial roadways and provide options to avoid future congestion at the Goose Creek Interchange.

Economic Development: This roadway will help future and existing businesses in the area by reducing congestion and making this an attractive place to live and work.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)				450,000							450,000
ROW and Easements					4,500,000						4,500,000
Construction Engineering / Inspection					420,000	420,000					840,000
Construction					3,500,000	3,500,000					7,000,000
Total				450,000	8,420,000	3,920,000					12,790,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General				450,000	8,032,000	3,532,000					12,014,000
Stormwater					175,000	175,000					350,000
Water Capacity					49,500						49,500
Wastewater Capacity						49,500					49,500
Reclaimed Water Capacity					90,000	90,000					180,000
Water Renewal					49,500						49,500
Wastewater Renewal					24,000	73,500					97,500
Total				450,000	8,420,000	3,920,000					12,790,000

Capital Improvement Plan FY2017-2026



BOMA Ranking: 22

Project #	PK16013
Project Name	Greenway & Bridge (Harlinsdale to Fulton Greer)

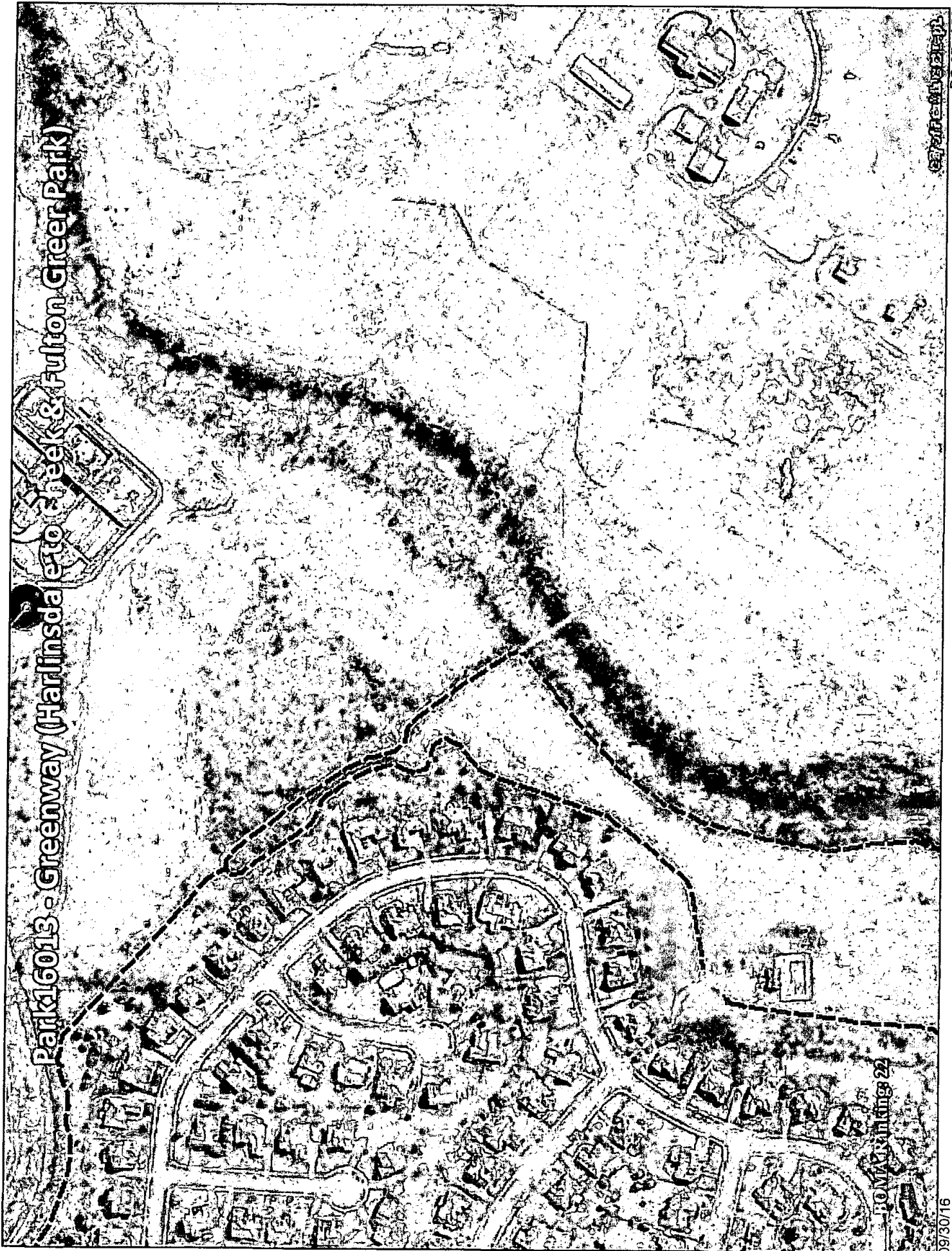
Department Parks
 Contact Park Director
 Type New
 Useful Life 20+
 Category Parks and Recreation
 Priority 3 Star Project
 Status Pending

Total Cost \$652,944

Description	This trail segment connects large sections of existing trails maintained by Williamson County Parks and Recreation, formerly Chestnut Bend HOA through open space along the Harpeth and Williamson County trails through Cheek Park and Judge Fulton Greer Park. A bridge to connect the internal trails at the Park at Harlinsdale to the existing Chestnut Bend trails. Sign kiosk, trailhead at Harlinsdale, Cheek Park and at Judge Fulton Greer locations.										
Justification											

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)					110,000						110,000
Construction Engineering / Inspection						537,900					537,900
Equip/Vehicles/Furnishings						5,044					5,044
Total					110,000	542,944					652,944
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Parkland Dedication					110,000	542,944					652,944
Total					110,000	542,944					652,944

Park16013 - Greenway (Harlinsdale & Fulton Greer Park)



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BOMA Ranking: 28

Project #	TOC16001
Project Name	Carothers Parkway (South) ITS Extension

Department Traffic Ops. Center (TOC)
Contact Engineering Director
Type New
Useful Life 10-20 years
Category Transportation
Priority 4 Star Project
Status Pending

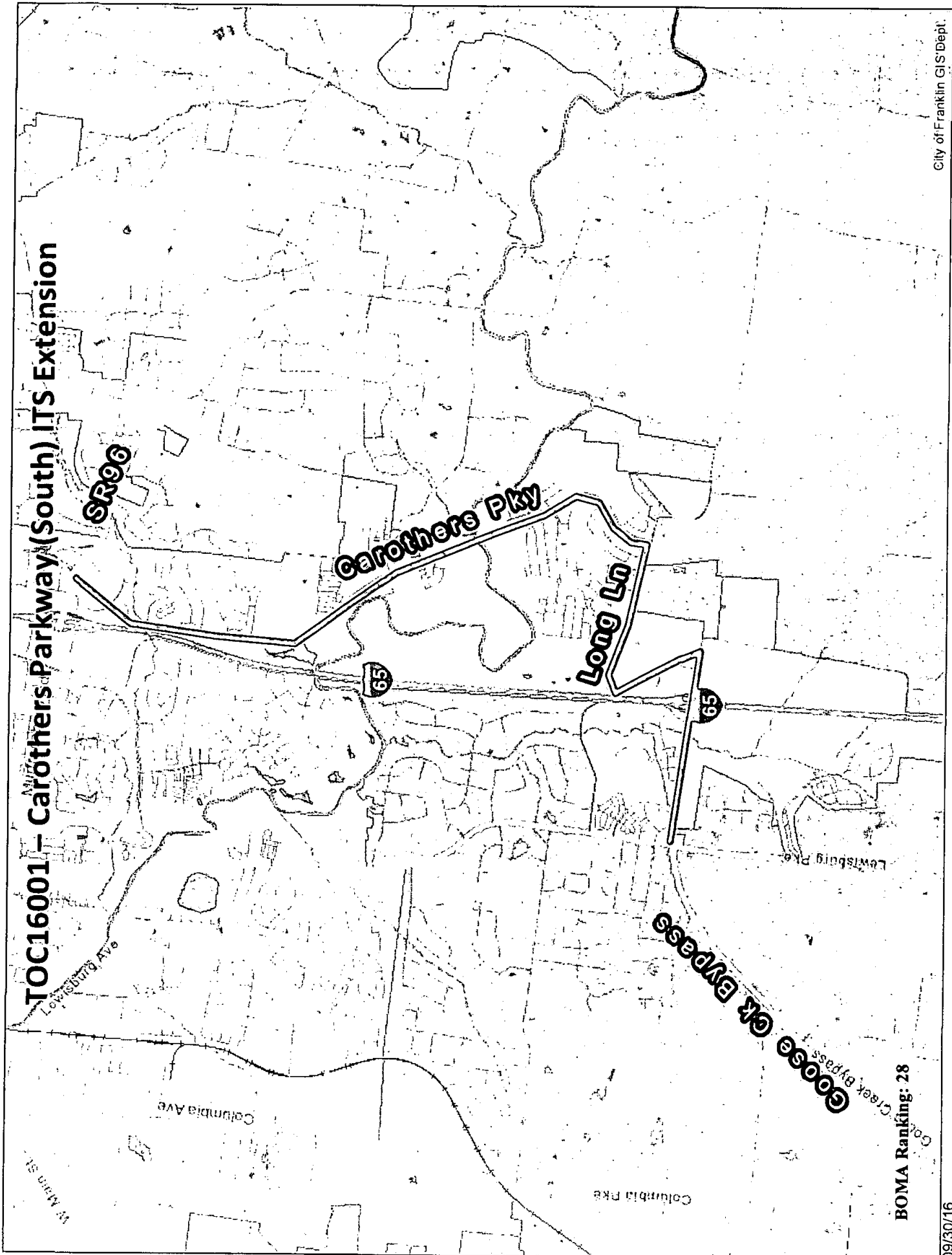
Description	Total Cost \$1,375,000
Project includes: 35,000 LF fiber optic cable, 13,000 LF of conduit with pull boxes, and five (5) closed caption television (CCTV) cameras.	

Justification	The project will provide communication to/from Carothers Parkway (from Long Lane to Murfreesboro Road), Fire Station 7 (Ag Center), the seven (7) intersections along Goose Creek Bypass (SR-248) and Peytonsville Road (from Lewisburg Pike to Long Lane), and the existing CCTV camera at Lewisburg Pike (SR-106/US-431). Approximate project length is 35,000 LF.										
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	125,000										125,000
Construction Engineering / Inspection	20,000	30,000									50,000
Construction	400,000	800,000									1,200,000
Total	545,000	830,000									1,375,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General	545,000	830,000									1,375,000
Total	545,000	830,000									1,375,000

TOC16001 – Carothers Parkway (South) ITS Extension



BOMA Ranking: 28

09/30/16

BOMA Ranking: 33

Project #	PK16012
Project Name	Greenway (Pinkerton to Bicentennial)

Department Parks
 Contact Park Director
 Type New
 Useful Life 20+
 Category Parks and Recreation
 Priority 3 Star Project
 Status Pending

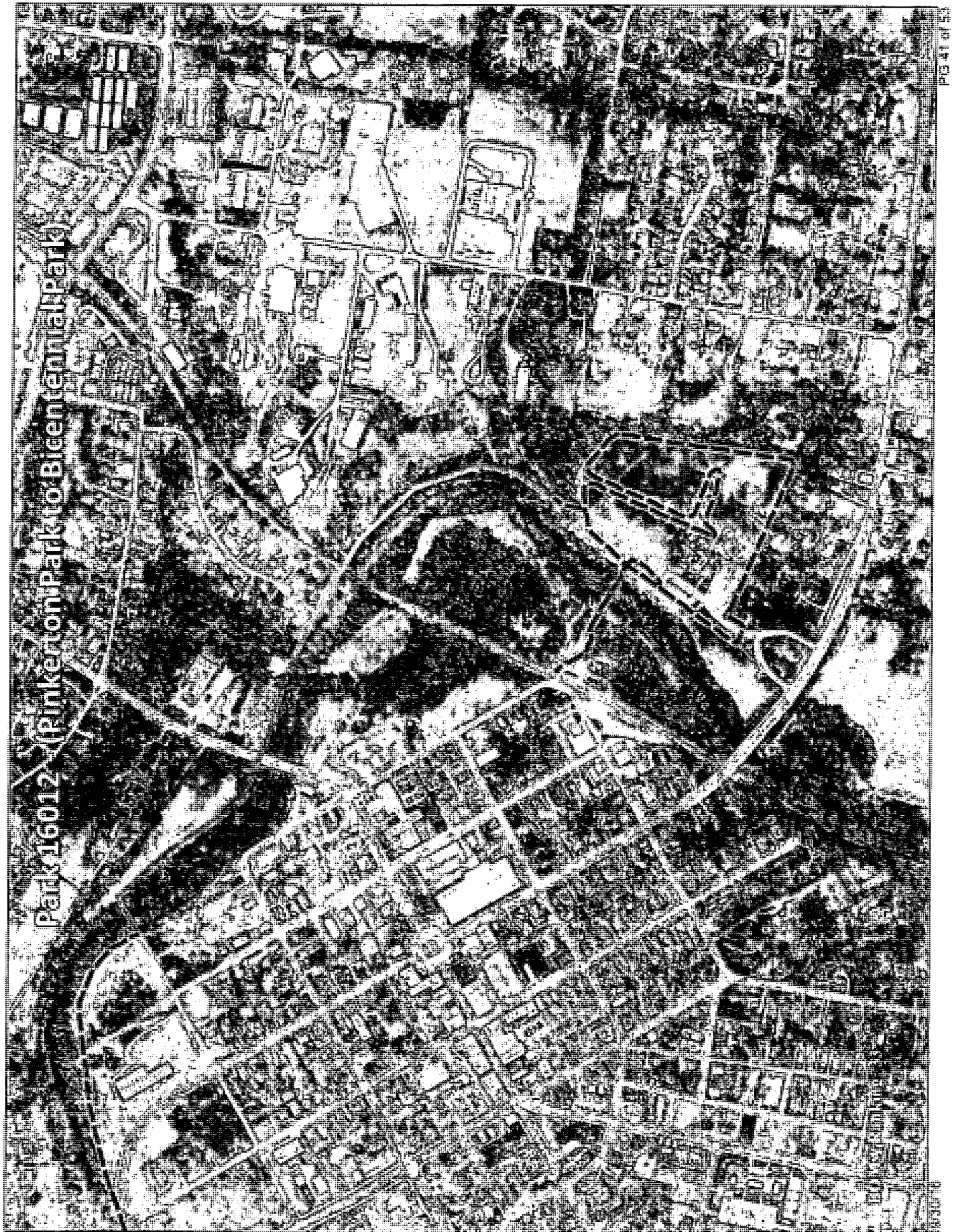
Total Cost \$5,710,126

Description	From the existing trails at Pinkerton Park, the Greenway would head north and west along the banks of the Harpeth River, this time hugging a small shelf below Fort Granger Park as the trail approaches Downtown Franklin. City-owned property on the north side of the Harpeth and the Battleground Academy property provide trailhead opportunities. A crosswalk over Franklin Road would be required and these would connect via sidewalk to Downtown Franklin. The Greenway continues west along the north bank of the Harpeth until it is across the Harpeth River from Bicentennial Park which connects into existing trails within Bicentennial Park along the Harpeth River to the Williamson County Recreation Center. Potential trailhead and kiosk with permeable parking at city owned property on Daniels Drive.											
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Justification												
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Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	551,817										551,817
ROW and Easements		425,419									425,419
Construction Engineering / Inspection			459,847								459,847
Construction				4,273,043							4,273,043
Total	551,817	425,419		4,732,890							5,710,126

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Parkland Dedication		551,817	425,419	4,732,890							5,710,126
Total		551,817	425,419	4,732,890							5,710,126



BOMA Ranking: 37

Project #	ST16006
Project Name	Jordan Road Improvements

Department Streets
Contact Engineering Director
Type Improvement
Useful Life 20+
Category Transportation
Priority 4 Star Project
Status Active

Total Cost \$2,062,000

Description
 Improvement of Jordan Road, from Aspen Grove Road to Mallory Lane. Reconstruction of Jordan Road to City standard two (2) lane facility with turn lanes as required. Project shall include: curb & gutter, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 1,700 LF.

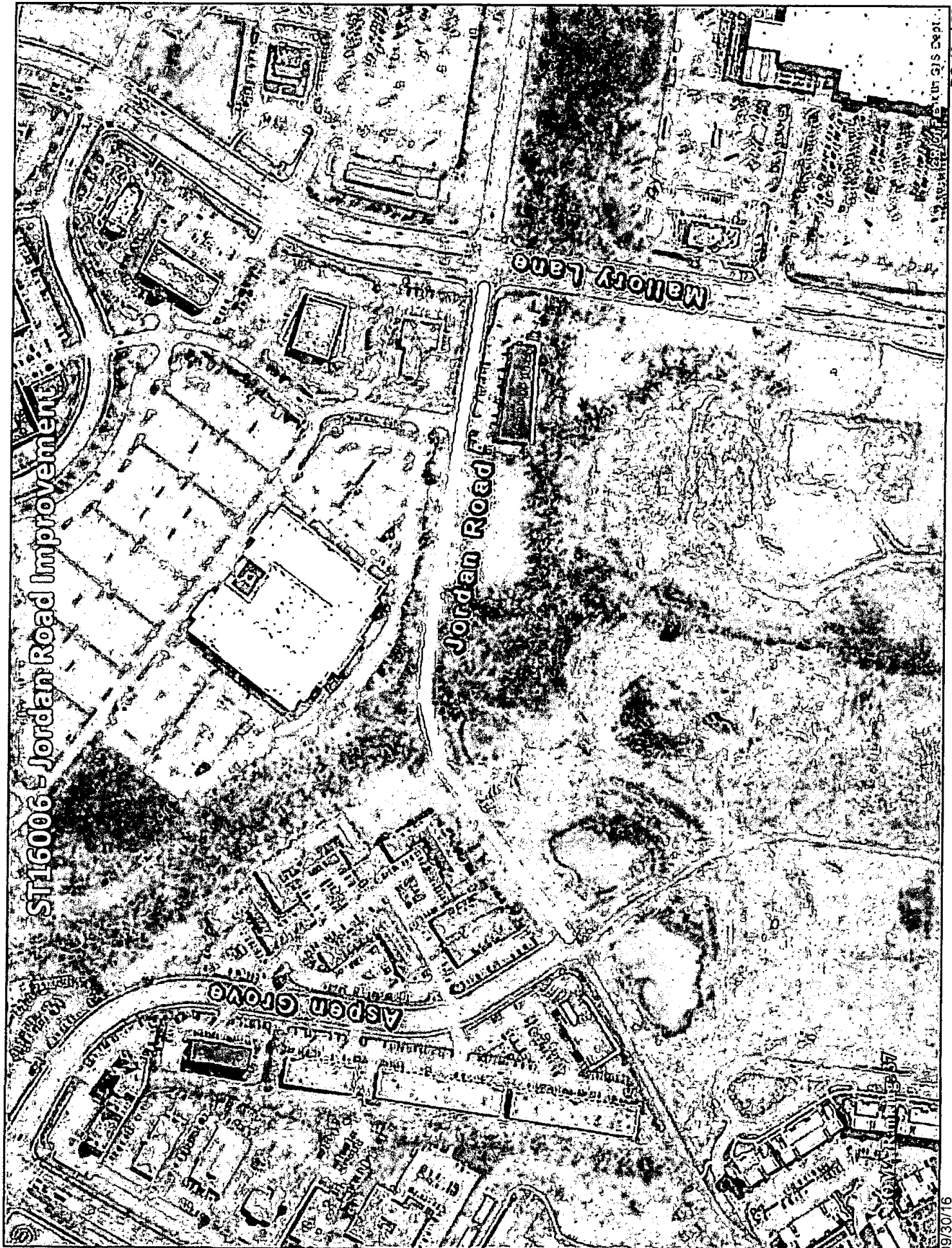
Justification
 Congestion Mitigation: As McEwen Town Center develops out this roadway will become extremely important to help reduce traffic on Mallory Ln, Cool Springs Blvd and Mallory Lane. The developer of McEwen Town Center was required to improve Jordan Road; however, those conditions were removed by the FMPC and BOMA.

Safety: This rural roadway is located in a very urban area and has extremely narrow lanes and significant geometric issues that need to be corrected. Ideally this would happen as McEwen Town Center develops out its remaining property.

Economic Development: Redevelopment and future economic development in the Cool Springs area continues to occur. Upgrades are needed to reduce congestion and improve safety so that we can retain and attract new businesses long term.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)			50,000								50,000
ROW and Easements				500,000							500,000
Construction Engineering / Inspection					162,000						162,000
Construction					1,350,000						1,350,000
Total			50,000	500,000	1,512,000						2,062,000

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General			50,000	500,000	1,418,100						1,968,100
Stormwater					67,500						67,500
Wastewater Renewal					26,400						26,400
Total			50,000	500,000	1,512,000						2,062,000



ST16006 - Jordan Road Improvement

BOMA Ranking: 38

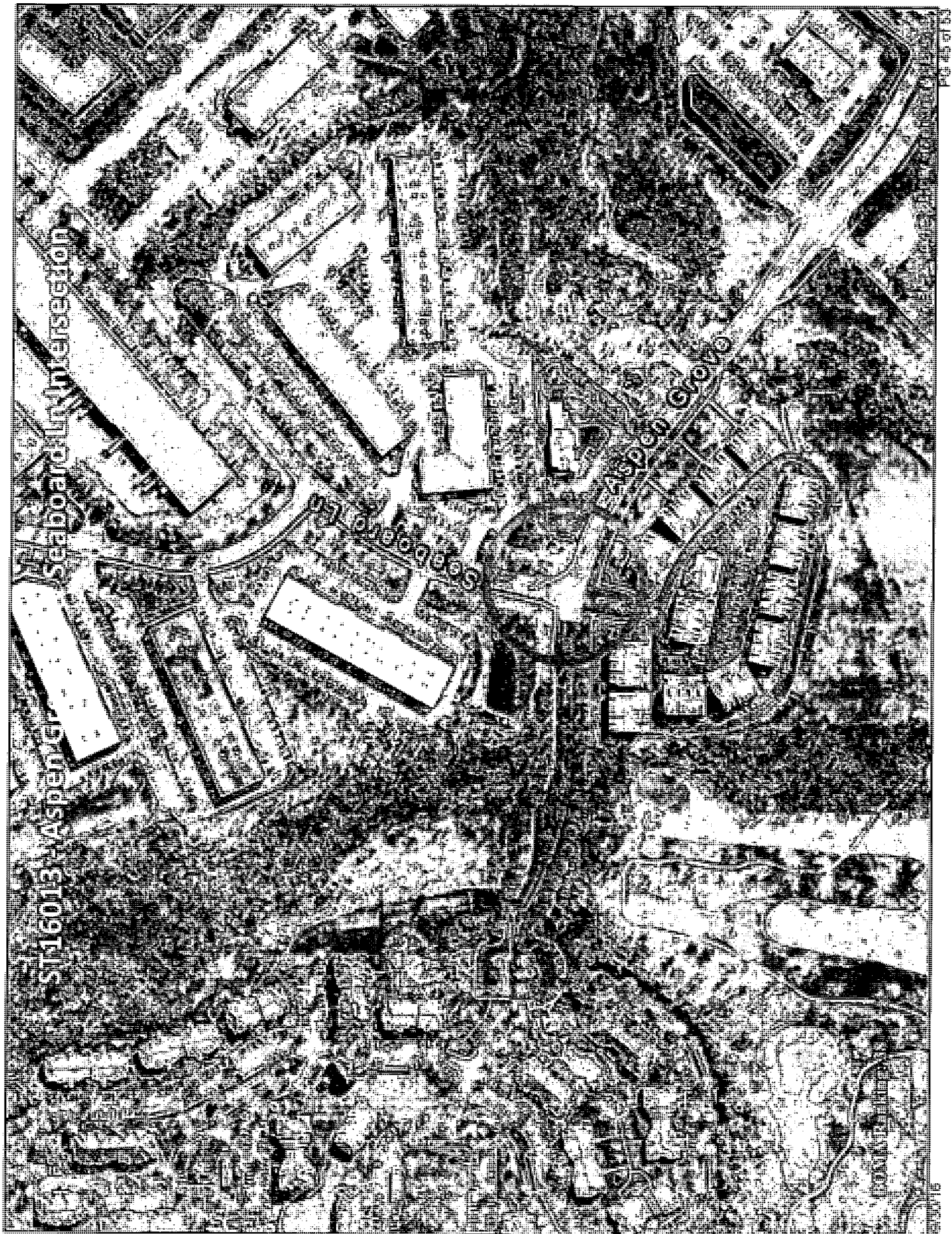
Project #	ST16013
Project Name	Aspen Grove Dr & Seaboard Ln Intersection Improv.

Department Streets
Contact Engineering Director
Type Improvement
Useful Life 20+
Category Transportation
Priority 2 Star Project
Status Active

Description	Total Cost \$1,708,000
Reconstruction of intersection at Aspen Grove Drive and Seaboard Lane to allow for more efficient peak hour movements. Approximate project length of 1,000 LF.	

Justification	
Congestion Mitigation: Capacity at this intersection is at failure levels during both the AM and PM peak hours. The Board has funded a project for city staff to evaluate and make recommendations to the full BOMA on possible solutions. Safety: Pedestrian facilities should be incorporated into the intersection improvement project to comply with the Cities long range master plan. Economic Development: Redevelopment and future economic development along this corridor is possible. Upgrades are needed to reduce congestion so that we can retain and attract new businesses long term.	

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)				50,000							50,000
ROW and Easements					650,000						650,000
Construction Engineering / Inspection						108,000					108,000
Construction						900,000					900,000
Total				50,000	650,000	1,008,000					1,708,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General				50,000	650,000	963,000					1,663,000
Stormwater						45,000					45,000
Total				50,000	650,000	1,008,000					1,708,000



BOMA Ranking: 40

Project #	ST16018
Project Name	S. Margin Infrastructure Upgrades (1st - Columbia)

Department Streets
Contact
Type Improvement
Useful Life 20+
Category Transportation
Priority 4 Star Project
Status Pending

Total Cost \$7,393,680

Description

This project is to upgrade Sanitary Sewer, Water and Stormwater infrastructure in our historic downtown area. We are having issues with all utilities along this corridor and they are in need of upgrades and replacement.

The existing stormwater system mainly consists of a series of intermittent roadside ditches and culverts. This area has been a problem since the early 90's with no improvements made. The roadways lack drainage infrastructure. This infrastructure is needed to help protect localized flooding during heavy rain events. This project would also include the install of a water quality feature at the Harpeth River. The goal is to extend infrastructure into the Parkview Area to address localized flooding.

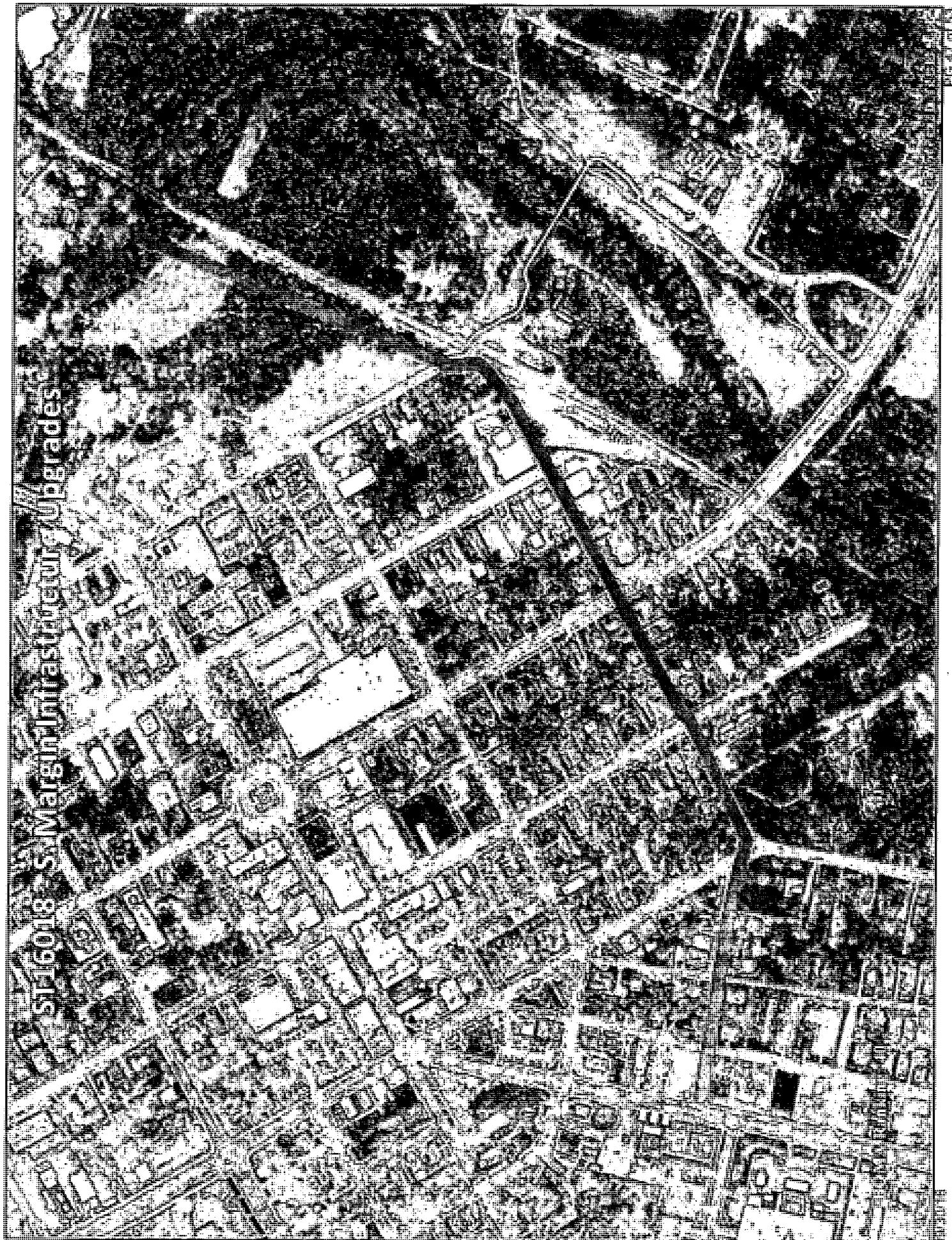
Justification

Congestion Mitigation: Congestion along S. Margin Street is very heavy during peak hours and events. This project would not increase vehicular capacity but would provide need and key pedestrian connections within our historic downtown area.

Safety: Providing sidewalks and street lights in our historic downtown area will help ensure our downtown remains a safe and walkable community.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)	171,456	171,456									342,912
ROW and Easements			2,250,000								2,250,000
Construction Engineering / Inspection				514,368							514,368
Construction				4,286,400							4,286,400
Total	171,456	171,456	2,250,000	4,800,768							7,393,680
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General	171,456	171,456	2,250,000	3,220,158							5,813,070
Stormwater				642,960							642,960
Water Renewal				294,690							294,690
Wastewater Renewal				642,960							642,960
Total	171,456	171,456	2,250,000	4,800,768							7,393,680

Capital Improvement Plan FY2017-2026



ST16018 - San Margin Infrastructure Upgrades

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BOMA Ranking: N/A

Project #	ST16020
Project Name	Multi-Use Trail SR-96W (Vera Valley Dr - 9th Ave)

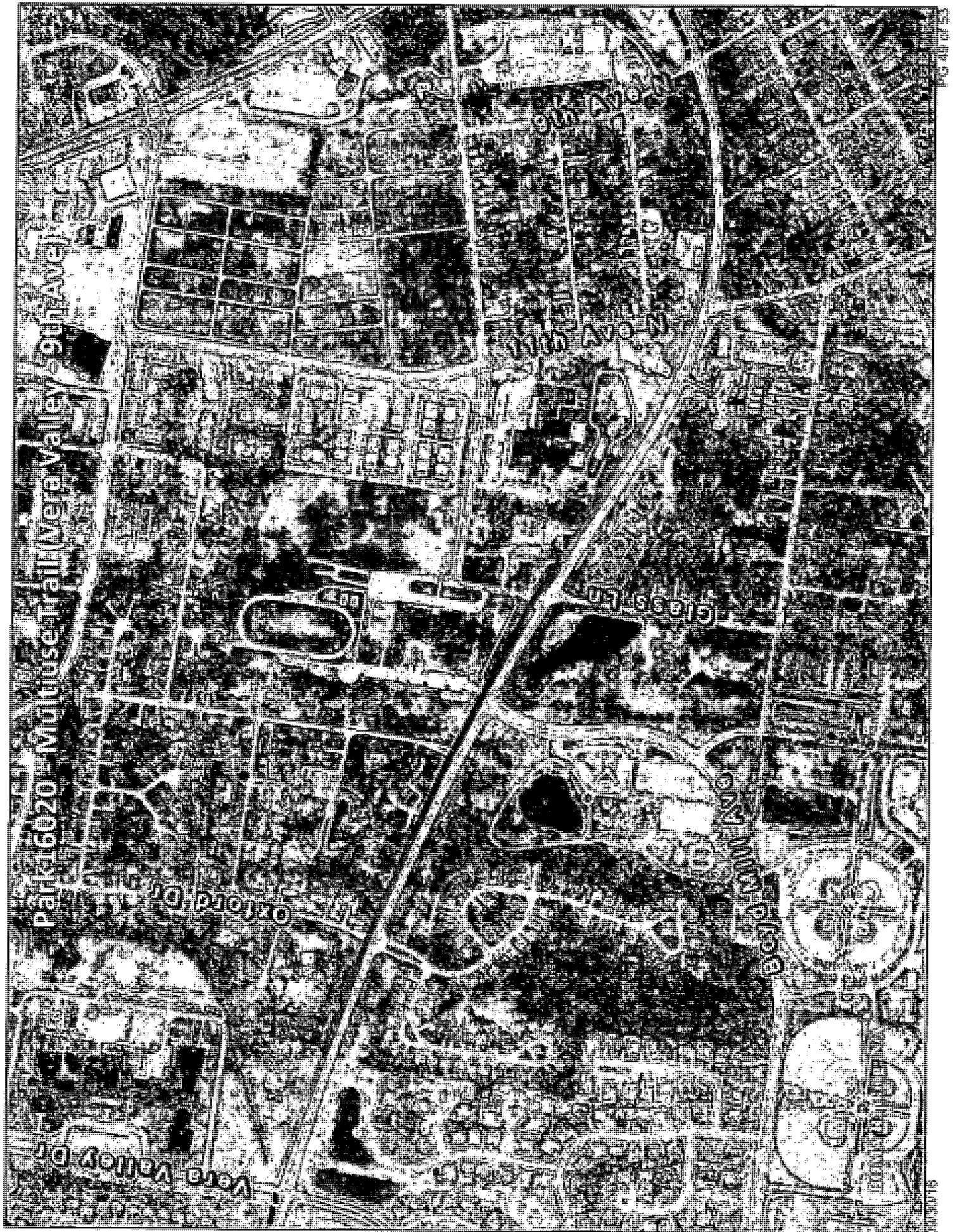
Department Streets
 Contact Engineering Director
 Type New
 Useful Life 20+
 Category Transportation
 Priority 2 Star Project
 Status Pending

Total Cost \$1,913,867

Description
Extend ten (10) foot multi-use trail from Vera Valley Drive to 9th Avenue in Downtown Franklin. Approximate project length is 5,800 L.F.

Justification
This project will provide pedestrian, bicycling access to Freedom Middle School, Freedom Intermediate School from the neighborhoods surrounding Hwy 96 West. Two other schools exist with in the vicinity of this trail - Poplar Grove School and Johnson Elementary. Students from these two schools will also benefit as they will have access to this trail (if it is constructed). Also, Jim Warren Park, three subdivisions (Clairemonte, Spencer Hall, West Field Estates) and two churches (The Church of West Franklin, The Kingdom Hall of Jehovah's Witness) and a Fire Station are located along SR 96, with in this project vicinity.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)					97,591						97,591
ROW and Easements						450,000					450,000
Construction Engineering / Inspection							146,386				146,386
Construction							1,219,890				1,219,890
Total					97,591	450,000	1,366,276				1,913,867
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General					97,591	450,000	1,305,282				1,852,873
Stormwater							60,994				60,994
Total					97,591	450,000	1,366,276				1,913,867



BOMA Ranking: N/A

Project # **ST16005**
 Project Name **Peytonsville Rd & Pratt Ln Intersection Improv.**

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 1 Star Project
 Status Pending

Total Cost \$5,016,000

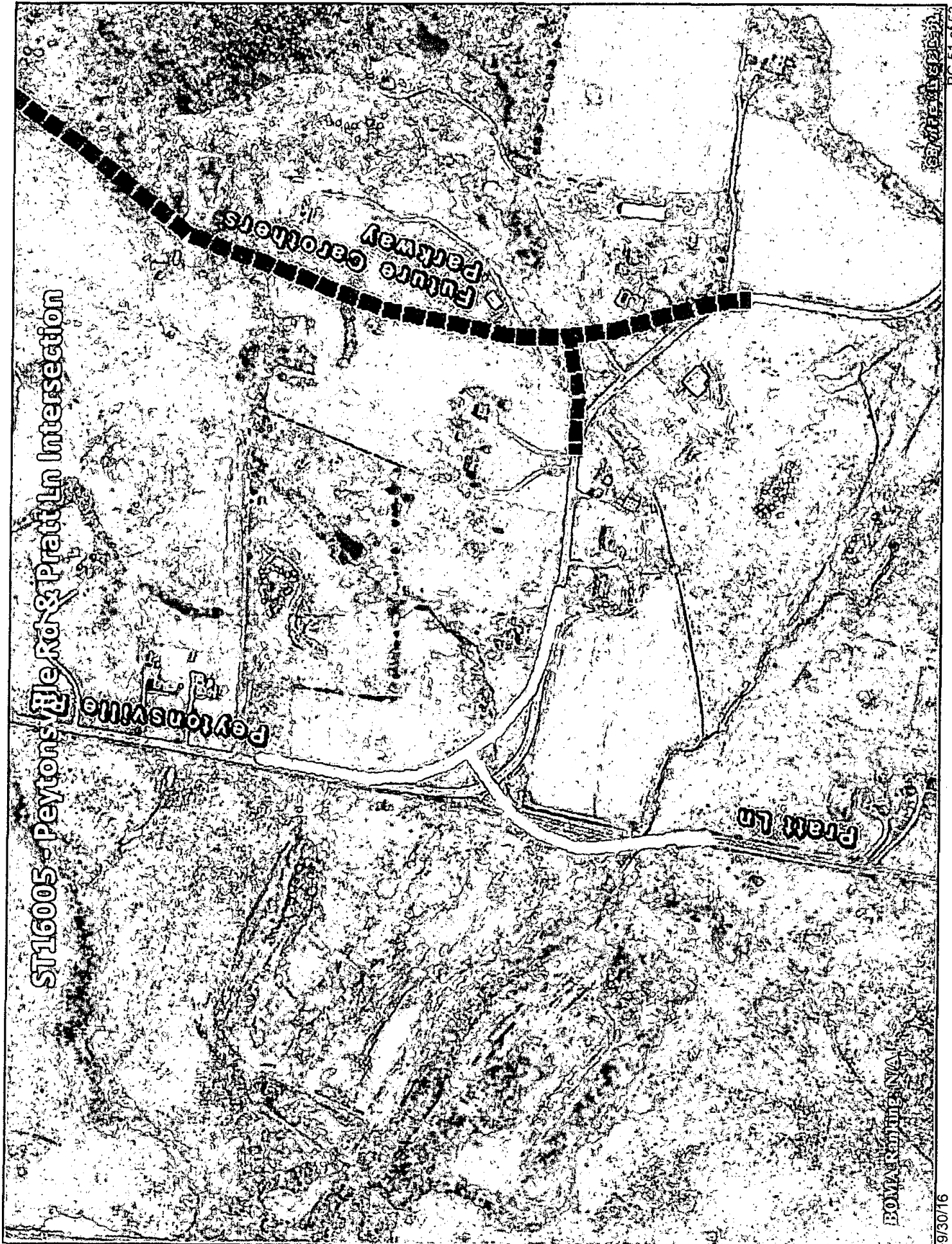
Description
 Reconstruction of the intersection of Peytonsville Road and Pratt Lane to a conventional T-intersection. The included section Old Peytonsville Road shall be reconstruction as a four (4) lane, median divided facility, while the included section of Pratt Lane shall be reconstructed as a two (2) lane facility. Both streets shall have turn lanes as required. Project shall include: access management (as allowable), curb & gutter, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 2,300 LF.

Justification
 Congestion Mitigation: Peytonsville Road provides access between SR840 and the Goose Creek Interchange. Traffic will increase in this area as development continues. In addition this roadway will see heavy traffic when accidents occur on SR-840 and I-65.

Safety: Peytonsville Rd & Pratt Ln have geometric issues that need to be addressed as traffic increases in this area of the City. It was agreed upon by the Reams-Fleming Team and the City that Reams Fleming will not be allowed to have access to Pratt Lane until the City makes the necessary safety upgrades to this intersection.

Economic Development: Lampo Group is currently proposing their cooperate headquarters in the southern section of Reams-Fleming PUD. This includes approximately 650,000SF of commercial office space. As Reams-Fleming develops the city will need to fund this improvement to reduce congestion and provide alternative routes so that we can retain businesses long term.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)				194,400							194,400
ROW and Easements					2,100,000						2,100,000
Construction Engineering / Inspection						291,600					291,600
Construction						2,430,000					2,430,000
Total				194,400	2,100,000	2,721,600					5,016,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General				194,400	2,100,000	2,600,100					4,894,500
Stormwater						121,500					121,500
Total				194,400	2,100,000	2,721,600					5,016,000



BOMA Ranking: N/A

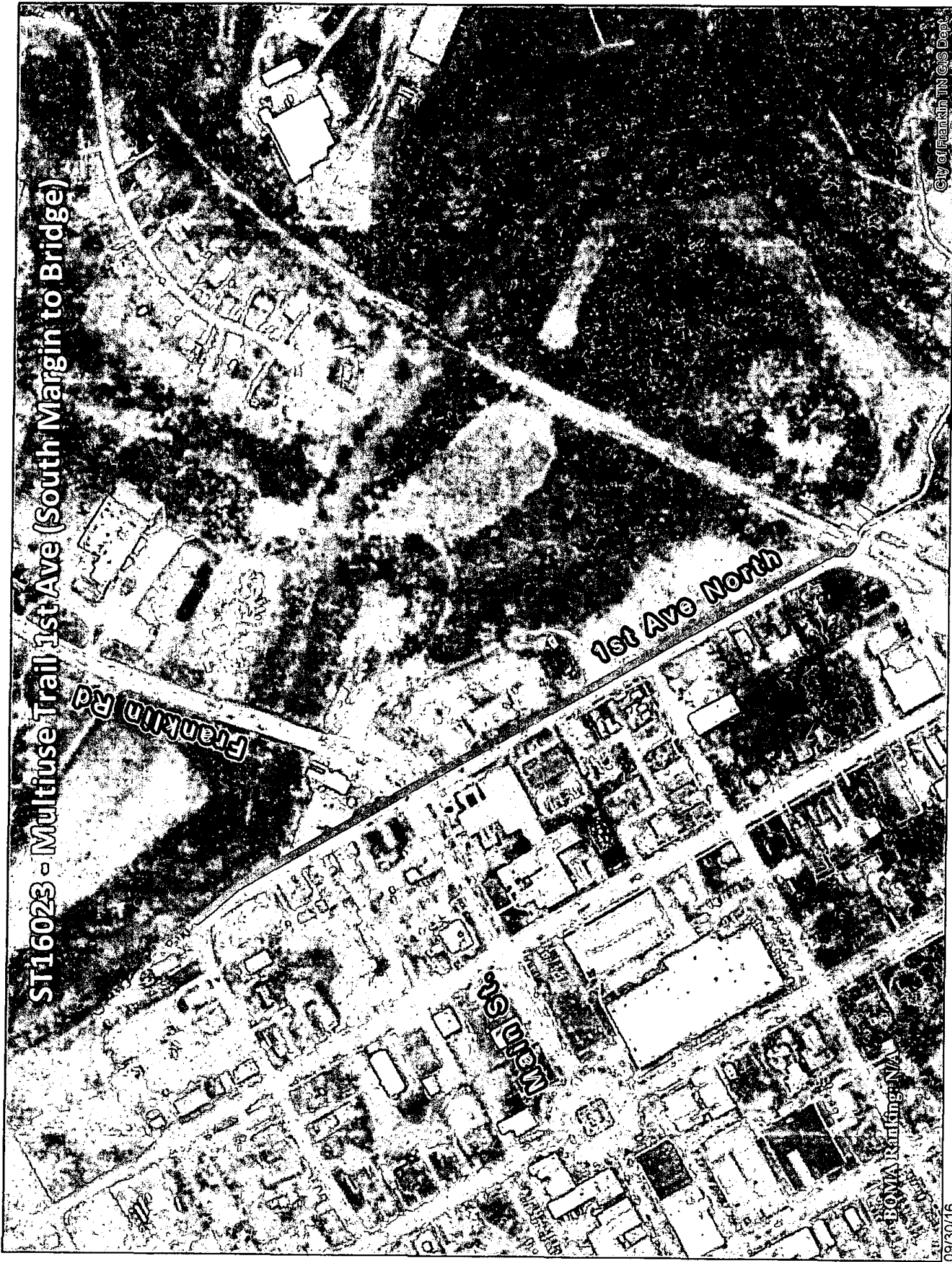
Project #	ST16023
Project Name	Multi-Use Trail 1st Ave (South Margin to Bridge)

Department Streets
 Contact Engineering Director
 Type Improvement
 Useful Life 20+
 Category Transportation
 Priority 1 Star Project
 Status Pending

Description	Total Cost	Status	Pending
This project would connect Pinkerton Park, Historic downtown Franklin and would eventually be extended to Bicentennial Park. Construction would include a 12' wide multipurpose trail on the east side of 1st Ave			

Justification	This project was identified as a short term project as part of the CTNP.										
---------------	--	--	--	--	--	--	--	--	--	--	--

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
Design/Planning (Professional Services)						70,000					70,000
ROW and Easements							200,000				200,000
Construction Engineering / Inspection								50,000			50,000
Construction								1,150,000			1,150,000
Total						70,000	200,000	1,200,000			1,470,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Total
General						70,000	200,000	1,200,000			1,470,000
Total						70,000	200,000	1,200,000			1,470,000



ST16023 - Multiuse Trail 1st Ave (South Margin to Bridge)



City of Franklin



FY 2017-2026 Capital Improvement Program Financing Model

**Presentation to the Board of Mayor and Alderman
September 13, 2016**



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

Capital Financing Model - September 13, 2016

Executive Summary

This financing model has been built to determine answers to the following questions:

- What is the amount of available resources from all funds which can be spent on Capital Projects over the next ten years?
- How much will Phase I of the FY 2017-2026 Capital Improvement Program cost?
- What will be the amount of remaining resources after those projects are paid for? And,
- What will be the impact on the City's debt capacity and overall debt service?

This model has three main sections:

- This Executive Summary with summaries of current, future and remaining resources, annual and cumulative cost estimates for all Phase I CIP projects and a revised Debt Capacity Analysis given the revised cost of projects.
- Phase I CIP Project Detail Sheets, which itemize the annual and cumulative funding needs by source by project.
- 10-year Financing Analysis with detailed forecasts for most major internal funds of the City of Franklin.

In building this model, staff has tried to be conservative with our revenue projections and prudent when determining available resources.

"Available fund balances" are current estimated balances in most funds as of June 30th, less amounts reserved either through state law or BOMA policy.

The result is mostly positive - due to the prudent management of the community and the passage of the Invest Franklin initiative, the City can afford to take on all Phase I projects and have reasonable levels of remaining resources to fund additional phases of the FY 2017-2026 Capital Improvement Program.



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Existing Resources (Cash)

The following shows the various funding sources currently available for use on Capital projects. While the City aggressively looks for outside funding to assist in stretching taxpayer dollars, the vast majority of resources available to the City are internal in nature.

Internal	FY 2015 Actual	FY 2016 Projected	FY 2017 Forecast
110 General			
Capital Funding Account (<45%)	\$ 8,347,536	\$ 8,101,435	\$ 8,101,435
1.5 Cent Capital Set-Aside	\$ 508,038	\$ 1,034,046	\$ 1,714,782
Invest Franklin	\$ -	\$ -	\$ 3,176,766
124 Sanitation Fund	\$ -	\$ -	\$ 32,294
128 Road Impact Fund	\$ 397,796	\$ 4,582,150	\$ 4,880,814
130 Stormwater	\$ 4,783,235	\$ 4,436,729	\$ 4,658,995
135 Facilities Tax	\$ 6,717,764	\$ 6,348,411	\$ 9,260,411
150 Hotel Motel	\$ 2,749,596	\$ 2,388,275	\$ 3,269,693
155 In Lieu of Parkland	\$ 2,494,076	\$ 4,425,966	\$ 5,633,491
421 Water	\$ -	\$ -	\$ 925,000
431 Sewer	\$ -	\$ -	\$ -
Sub-Total Internal Resources	\$ 25,998,041	\$ 31,317,012	\$ 41,653,681
External			
MPO/TDOT	\$ -	\$ -	\$ 8,630,000
Army Corp of Engineers	\$ -	\$ -	\$ -
County Facilities Tax	\$ 2,021,022	\$ 3,262,263	\$ 4,212,263
Utility Agreements	\$ -	\$ -	\$ 475,000
Developer Contributions	\$ 550,000	\$ 550,000	\$ 550,000
Sub-Total External Resources	\$ 2,571,022	\$ 3,812,263	\$ 13,867,263
Total All Available Resources	\$ 28,569,063	\$ 35,129,275	\$ 55,520,944



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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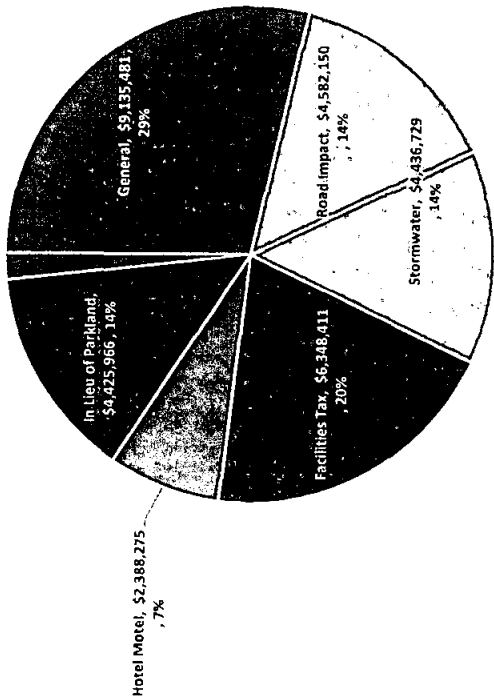
Projected Resources (Cash)

This summarizes the projected cash resources available to the City for the FY 2017-2026 Capital Improvement Program. Existing Fund Balance is shown at the far left, while annual anticipated revenue contributions are provided for the ten-year timeframe of the program. Available Debt Service, and the impact on available cash resources, are shown in the page entitled "Debt Capacity Analysis" on another summary. Detailed funding sheets for most internal funds are provided in the section entitled "10-year Financing Analysis" at the end of this packet.

	Fund Balance Available	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal												
General	\$ 8,101,435											\$ 8,101,435
Capital Funding Account	\$ 1,034,046	\$ 680,736	\$ 687,543	\$ 694,419	\$ 701,363	\$ 708,377	\$ 715,460	\$ 722,615	\$ 729,841	\$ 737,140	\$ 744,511	\$ 8,156,051
1.5 Cent Capital Set-Aside		\$ 3,176,766	\$ 3,208,534	\$ 3,240,619	\$ 3,273,025	\$ 3,305,755	\$ 3,338,813	\$ 3,372,201	\$ 3,405,923	\$ 3,439,982	\$ 3,474,382	\$ 33,236,000
Invest Franklin		\$ 32,294	\$ 244,165	\$ 588,923	\$ 556,343	\$ 521,641	\$ 484,723	\$ 445,495	\$ 403,857	\$ 359,705	\$ 312,933	\$ 3,950,079
Sanitation Fund	\$ 4,582,150	\$ 298,664	\$ 838,593	\$ 1,114,484	\$ 1,312,256	\$ 1,532,639	\$ 1,793,373	\$ 2,049,163	\$ 2,312,000	\$ 2,547,764	\$ 2,709,614	\$ 7,118,929
Road Impact Fund	\$ 4,436,729	\$ 222,266	\$ 216,697	\$ 210,537	\$ 203,759	\$ 196,328	\$ 189,214	\$ 179,373	\$ 169,778	\$ 159,377	\$ 148,135	\$ 6,331,192
Stormwater	\$ 6,348,411	\$ 2,912,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 30,068,411
Facilities Tax	\$ 2,488,275	\$ 881,418	\$ 1,134,099	\$ 1,139,140	\$ 1,295,873	\$ 1,458,643	\$ 2,049,163	\$ 2,401,230	\$ 1,843,140	\$ 2,547,764	\$ 2,709,614	\$ 19,848,360
Hotel Motel	\$ 4,425,966	\$ 1,207,525	\$ 1,255,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 14,928,491
In Lieu of Parkland		\$ 552,500	\$ 863,620	\$ 311,120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,727,240
Water Funding*		\$ 372,500	\$ 528,500	\$ 156,000	\$ 179,850	\$ 179,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,416,700
Sewer Funding*		\$ 8,630,000	\$ 1,555,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,185,000
External												
MPO/TDOT	\$ 3,262,263	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 12,762,263
County Facilities Tax	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Utility Agreements	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Developer Agreements		\$ 35,129,275	\$ 20,391,669	\$ 13,793,750	\$ 11,469,242	\$ 10,791,232	\$ 11,395,601	\$ 11,760,756	\$ 10,922,714	\$ 11,587,751	\$ 11,754,689	\$ 159,605,150
Total												

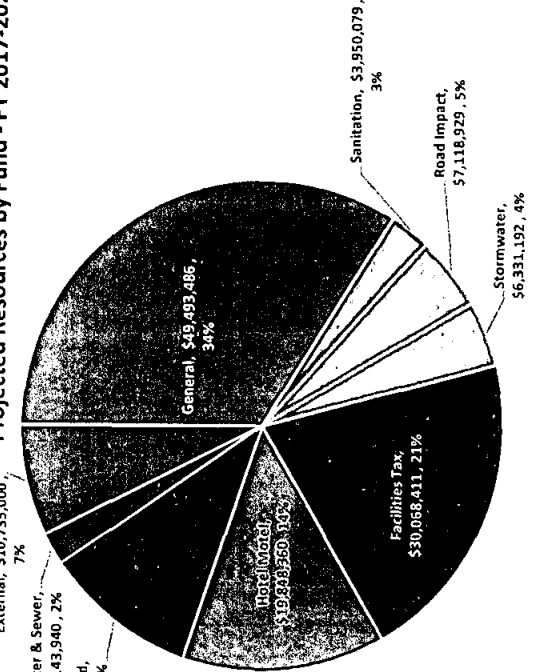
Existing Resources by Fund - FY 2017

External: \$550,000, 2%



Projected Resources by Fund - FY 2017-2026

External: \$10,735,000, 7%





City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Year-By-Need Phase I Analysis

The following shows the annual need for Phase I capital projects by funding source. Detailed funding sheets by project are available later in this packet in the section entitled "Phase I CIP Projects". It is important to note that unlike previous schedules, a large amount of funding is requested to come from debt service. This is further explained under the sheet entitled "Debt Capacity Analysis".

Ongoing Resources												Total Needed
FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
Internal												
General												
Cash	\$ 580,000	\$ 655,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,985,000	
Debt	\$ 7,025,000	\$ 5,732,880	\$ 8,955,630	\$ 15,357,300	\$ 11,034,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,105,360	
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Road Impact Fund	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000	
Stormwater	\$ 50,000	\$ 50,000	\$ 272,250	\$ 272,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 644,500	
Facilities Tax	\$ 225,000	\$ 2,102,500	\$ 3,552,500	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,880,000	
Hotel Motel	\$ 195,000	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 390,000	
In Lieu of Parkland	\$ -	\$ 250,000	\$ 600,000	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,550,000	
Water Funding	\$ 552,500	\$ 863,620	\$ 311,120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,727,240	
Sewer Funding	\$ 372,500	\$ 528,500	\$ 156,000	\$ 179,850	\$ 179,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,416,700	
External												
MPO/TDOT	\$ 8,630,000	\$ 1,555,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,185,000	
Army Corp of Engineers	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	
County Facilities Tax	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	
Utility Agreements	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000	
Developer Agreements	\$ -	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000	
Total	\$ 18,855,000	\$ 13,232,500	\$ 15,097,500	\$ 18,159,400	\$ 13,564,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,908,800	



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Remaining Resources

The following shows the anticipated balances in available funding at the end of the ten-year CIP horizon after the \$78,908,800 worth of Phase I projects have been paid for.
It is important to note that the difference between the project resources shown on the page entitled "Projected (Cash) Resources" and this page is the conversion and estimation of available debt service capacity. Please see footnote 2 for more information.

	FY 2017-2026 Projected Resources		Phase I Project Needs	Balance Remaining
Internal				
110 General				
Pay-as-you-go Cash ¹	\$	16,257,486	\$	1,985,000
Debt Service ²	\$	80,000,000	\$	48,105,360
124 Sanitation Fund	\$	3,950,079	\$	-
128 Road Impact Fund	\$	7,118,929	\$	1,250,000
130 Stormwater	\$	6,331,192	\$	644,500
135 Facilities Tax	\$	30,068,411	\$	8,880,000
150 Hotel Motel	\$	19,848,360	\$	390,000
155 In Lieu of Parkland	\$	14,928,491	\$	1,550,000
421 Water	\$	1,727,240	\$	1,727,240
431 Sewer	\$	1,416,700	\$	1,416,700
External				
MPO/TDOT	\$	10,185,000	\$	10,185,000
Army Corp of Engineers	\$	750,000	\$	750,000
County Facilities Tax	\$	12,762,263	\$	1,000,000
Utility Agreements	\$	475,000	\$	475,000
Developer Contributions	\$	550,000	\$	550,000
Total	\$	206,369,150	\$	78,908,800
				127,460,350

Notes:

¹ Pay as you go cash includes the balance of the Capital Funding Account (over 45% of fund balance in the General Fund) and the accumulated total of the 1.5 Cent property tax allocation for capital projects.

² Debt Service resource is an estimated amount of \$80,000,000 based upon the amount of capacity gained from the amount of existing debt service to be retired and the addition of the \$0.07 of property tax from the Invest Franklin initiative.



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

FRANKLIN, MA

Debt Capacity Analysis

Proposed Debt Issuances

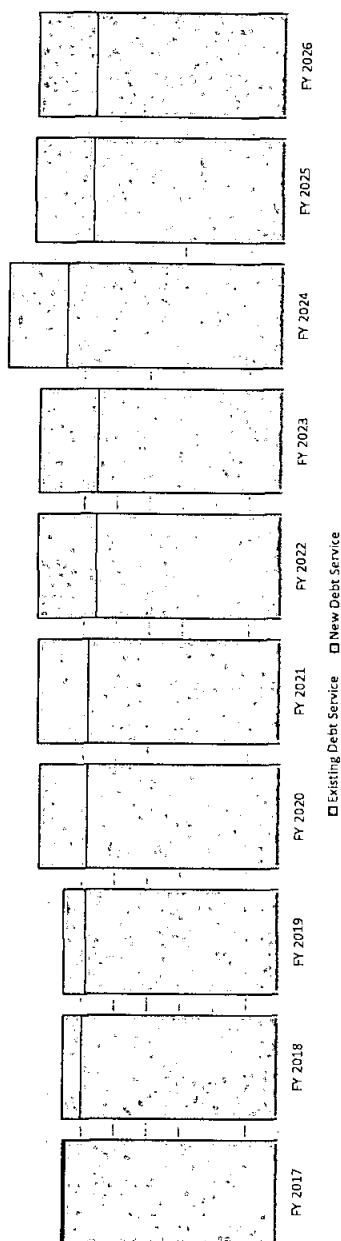
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Balance (FY 2027-FY 2042)
2017	4.50%	\$ 15,000,000	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 1,141,875	\$ 12,560,625
2019	4.50%	\$ 25,000,000	\$ 200,000	\$ 1,775,313	\$ 1,775,313	\$ 1,775,313	\$ 1,775,313	\$ 1,775,313	\$ 1,775,313	\$ 1,775,313	\$ 23,079,063
2021	4.50%	\$ 10,000,000	\$ -	\$ -	\$ 150,000	\$ 654,500	\$ 654,500	\$ 654,500	\$ 654,500	\$ 654,500	\$ 9,817,500
A		\$ 150,000	\$ 1,341,875	\$ 2,917,188	\$ 3,067,188	\$ 3,571,688	\$ 3,571,688	\$ 3,571,688	\$ 3,571,688	\$ 3,571,688	\$ 45,457,188
B		\$ 12,966,453	\$ 11,975,848	\$ 11,772,869	\$ 11,735,204	\$ 11,273,302	\$ 11,236,584	\$ 13,173,630	\$ 11,623,560	\$ 11,534,574	\$ 58,044,000
C (A + B)		\$ 13,116,453	\$ 13,117,723	\$ 13,114,744	\$ 14,652,392	\$ 14,772,895	\$ 14,808,272	\$ 16,745,318	\$ 15,195,248	\$ 15,106,262	\$ 103,501,188

Summary:

A key financing component to the FY 2017-2026 Capital Improvement Plan is the issuance of debt. In order to finance Phase I of the CIP, staff is recommending the issuance of \$50,000,000 worth of General Obligation (G.O.) bonds in three separate issuances for a duration of 20 years. The assumed interest rate is 4.5%.

The three issuances - one in FY 2017, FY 2019, and FY 2021 will fund East McEwen Phase 4, Franklin Road, Hillsboro Road Phase II, and the East/Southeast Park. The impacts on the overall debt service are shown above and to the right.

Proposed City of Franklin General Obligation Debt Service - FY 2017 - 2026



Debt Funding Analysis

How the debt is issued is dependent upon many factors; but none more important than the ability to pay. The chart below shows the annual increase in debt service necessary to service the proposed \$50,000,000 in new bonds (Row D). Row E shows the available resources predicted to be generated annually from the \$0.07 Invest Franklin initiative approved this spring by the BOMA. Row F is the difference on an annual basis. As the chart shows, sufficient capacity exists through the increase in revenues generated by Invest Franklin to accommodate the servicing of the proposed new debt. As important, the entire proposed level of resources is not exhausted by FY 2026, the end of the current CIP horizon. This means that additional resources are available for pay as you go financing and/or additional debt service for Phase II CIP projects.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
D Debt Increase Debt Service Year over Year	\$ 150,000	\$ 1,270	\$ (1,709)	\$ 1,535,939	\$ 1,656,442	\$ 1,728,537	\$ 1,691,819	\$ 3,628,865	\$ 2,078,795	\$ 1,989,809
E Invest Franklin	\$ 3,176,766	\$ 3,208,534	\$ 3,240,619	\$ 3,273,025	\$ 3,305,755	\$ 3,338,813	\$ 3,372,201	\$ 3,405,923	\$ 3,439,982	\$ 3,474,382
F (E-D) Annual Balance of Invest Franklin Funds	\$ 3,026,766	\$ 3,207,264	\$ 3,242,328	\$ 1,737,087	\$ 1,649,314	\$ 1,610,276	\$ 1,680,383	\$ (222,941)	\$ 1,361,188	\$ 1,484,574
Cumulative Net Balance Invest Franklin	\$ 3,026,766	\$ 6,234,029	\$ 9,476,357	\$ 11,213,444	\$ 12,862,758	\$ 14,473,034	\$ 16,153,417	\$ 15,930,475	\$ 17,291,663	\$ 18,776,237



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model



Phase I CIP Projects



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Phase 4: East McEwen Drive - Phase 4

Improvement of East McEwen Drive, from 800 feet east of the roundabout at Cool Springs Boulevard/Oxford Glen Drive to Wilson Pike (SR-252). The project shall be constructed as a four (4) lane, median divided facility with turn lanes as required. Project shall include: access management (as allowable), curb & gutter, street lights, ITS Infrastructure, and accommodations for pedestrians and bicycles. Approximate project length of 8,200 LF. The budget has been updated based on additional time and cost associated with accepting federal funds in the amount of \$8,000,000.



East McEwen Drive - Phase 4		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal												
General	\$	-	\$ 2,350,000	\$ 750,000	\$ 7,384,550	\$ 7,384,550	\$	\$	\$	\$	\$	\$ 17,859,100
Sanitation Fund	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Road Impact Fund	\$	250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$	\$	\$	\$	\$	\$ 1,250,000
Stormwater	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Facilities Tax	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Hotel Motel	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
In Lieu of Parkland	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Water Funding	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Sewer Funding	\$	-	\$	\$	\$ 179,850	\$ 179,850	\$	\$	\$	\$	\$	\$ 359,700
External												
MPO/TDOT	\$	-	\$	\$	\$ 4,000,000	\$ 4,000,000	\$	\$	\$	\$	\$	\$ 8,000,000
County Facilities Tax	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Developer Agreements	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total	\$	250,000	2,600,000	1,000,000	11,614,400	11,614,400	\$	\$	\$	\$	\$	\$ 27,478,800



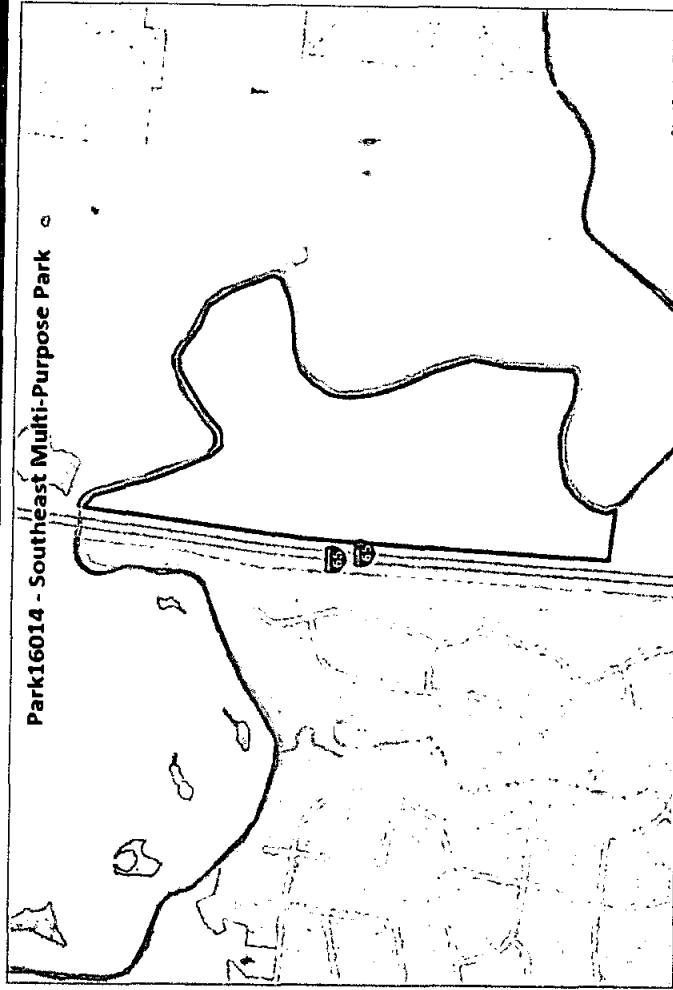
City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Phase I CIP: East/South East Multipurpose Park

New Southeast Multi-Purpose Park on the city-owned 180-acre parcel). The park would include a minimum of 8 lighted multi-purpose rectangular sports fields that could be used for football, lacrosse, rugby and soccer. The Franklin Cowboys football program would move from Jim Warren Park to this new park when completed. This park should have a range of passive uses as well to serve as a Community Park for neighborhoods in this area. A master plan should be developed for the park to guide phased development of the park.



East/Southeast Park	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Internal										
General	\$ 300,000	\$ -	\$ 2,100,000	\$ 2,350,000	\$ 2,350,000	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ 50,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ 600,000	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External										
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 300,000	\$ 300,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Available	\$ 7,100,000	\$ 4,550,000	\$ 1,550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000	\$ 13,200,000



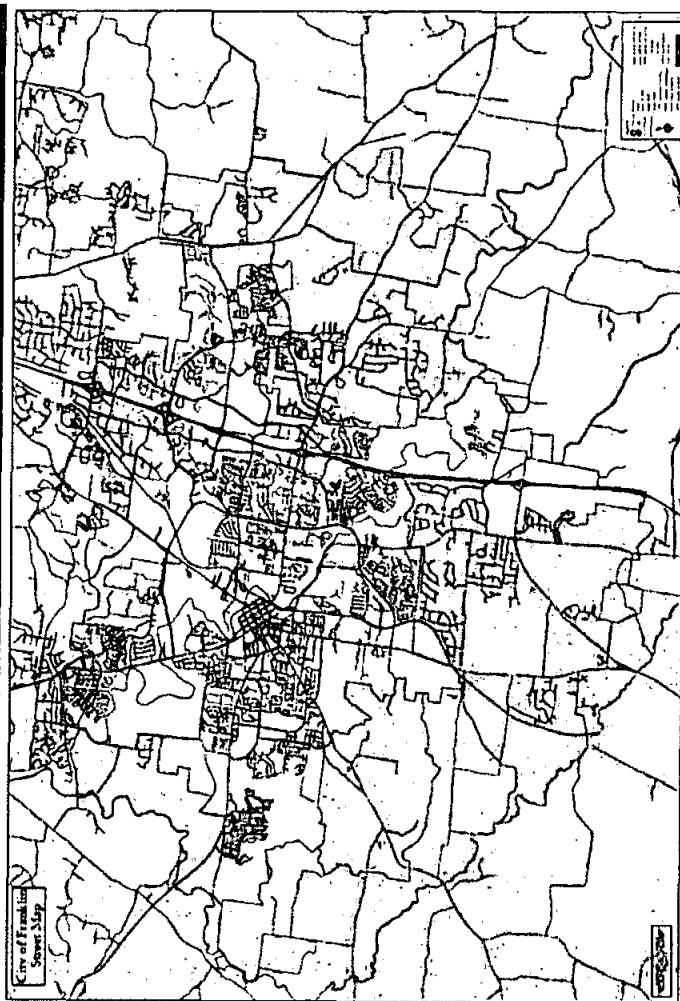
City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Phase I CIP: Sidewalk Gaps

Annual budget of \$250,000 over a 5-year period to "fill in" gaps in the existing sidewalk network. Segments of sidewalk that do not have logical connections exist in many areas around the City. A dedicated budget item on an annual basis would allow the City the opportunity to complete existing sidewalk networks by "filling-in" these gaps.



Sidewalk Gaps	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal											
General	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$	\$	\$	\$	\$	\$ 1,250,000
Sanitation Fund	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Road Impact Fund	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Stormwater	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Facilities Tax	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Hotel Motel	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
In Lieu of Parkland	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Water Funding	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Sewer Funding	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
External											
MPO/TDOT	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
County Facilities Tax	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Developer Agreements	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$	\$	\$	\$	\$	\$ 1,250,000



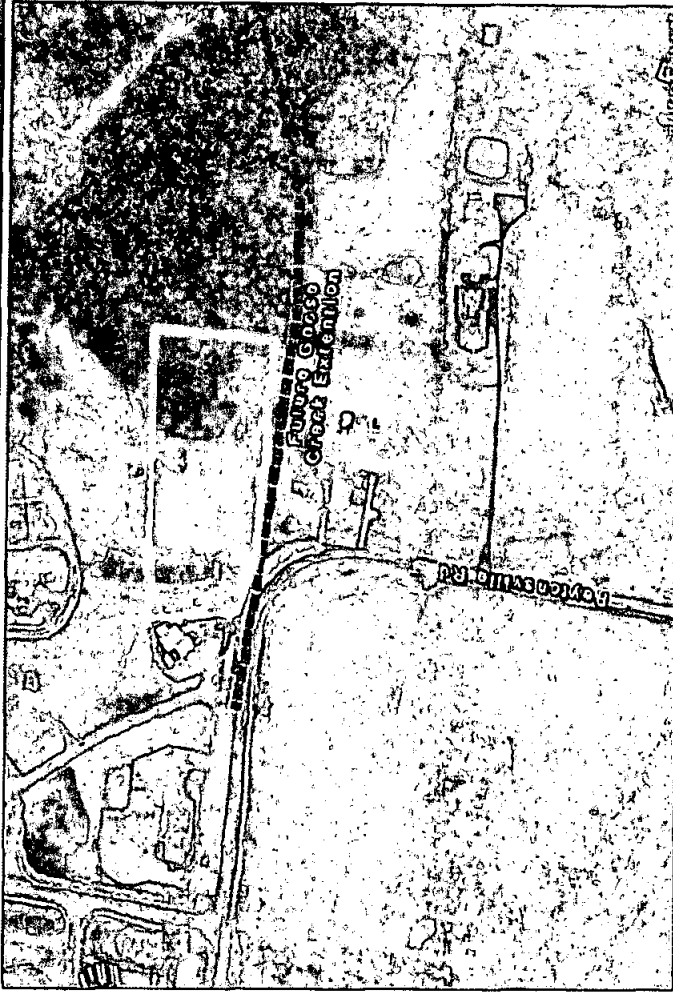
City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

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Phase 1 CIP: Fire Station 7

The City currently operates a temporary fire station at the Williamson County AG Complex. This temporary fire station needs to be replaced with a permanent facility.



Fire Station 7	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal											
General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ 225,000	\$ 2,052,500	\$ 2,052,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,330,000
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External											
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 225,000	\$ 2,052,500	\$ 2,052,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,330,000



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

DRAFT

Phase I CIP: Franklin Road Improvements

Improvement of Franklin Road, from the bridge at the Harpeth River to Hooper Lane. The project shall be constructed as a three (3) facility. Project shall include: curb & gutter, street lights, ITS Infrastructure, sidewalks, and typical streetscape elements. Approximate project length of 3,500 LF.



Franklin Road Improvements		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal												
General	\$	-	\$ 1,532,880	\$ 4,405,630	\$ 5,622,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,561,260
Sanitation Fund	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$	-	\$ -	\$ 272,250	\$ 272,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 544,500
Facilities Tax	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$	-	\$ 311,120	\$ 311,120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 622,240
Sewer Funding	\$	-	\$ 156,000	\$ 156,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 312,000
External												
MPO/TDOT	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Army Corps of Engineers	\$	-	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Developer Agreements	\$	-	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Total	\$	-	\$ 2,550,000	\$ 5,895,000	\$ 5,895,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,340,000



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

DRAFT

Phase I CIP: Goose Creek Interchange Lighting

Interchange Lighting for Goose Creek at I-65. The City will need to partner with TDOT to fund 50% of the cost associated with this project.



Goose Creek Lighting	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal											
General	\$ 30,000	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External											
MPO/TDOT	\$ 30,000	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435,000
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 60,000	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 870,000



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

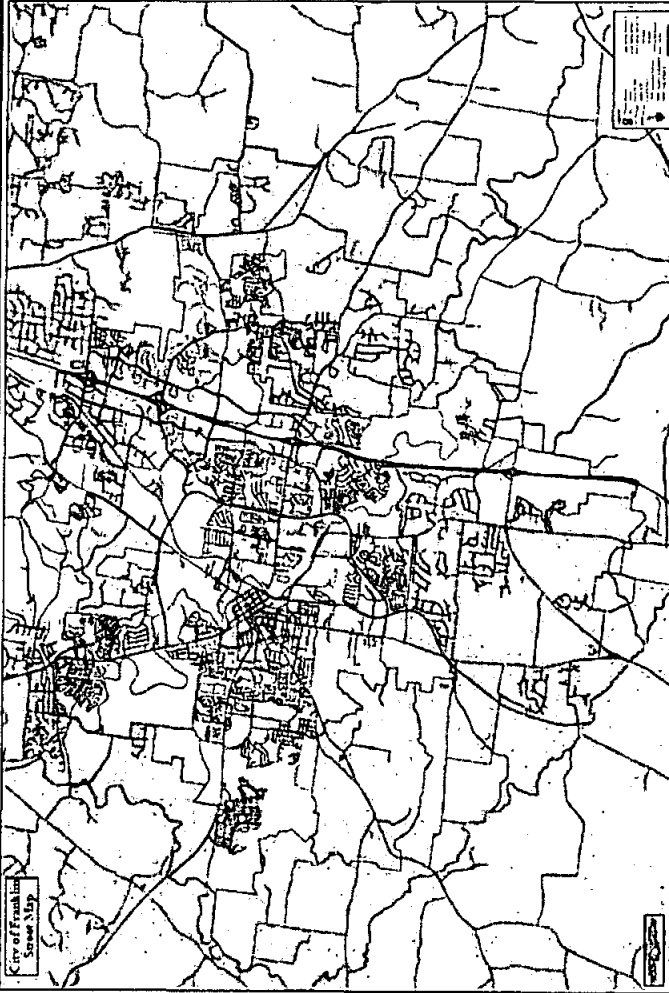
DRAFT

Phase I CIP: Major Street Resurfacing

The resurfacing (e.g. paving) of major roadways within the City are proposed to be included in the Capital Investment Plan (CIP) as follows:

- 2017 - Cool Springs Blvd, from Mack Hatcher Pkwy to East McEwen Dr.
- 2019 - Royal Oaks Blvd/Mallory Ln, from Mack Hatcher Pkwy to Cool Springs Blvd.
- 2021 - Mallory Ln, from Cool Springs Blvd to Moores Ln.

The list above is not final, and maybe subject to change.



Major Street Resurfacing	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Internal										
General	\$ 2,400,000	\$ -	\$ 1,700,000	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
External										
MPO/TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 2,400,000	\$ -	\$ 1,700,000	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -

Total Available	\$ 5,400,000
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City of Franklin

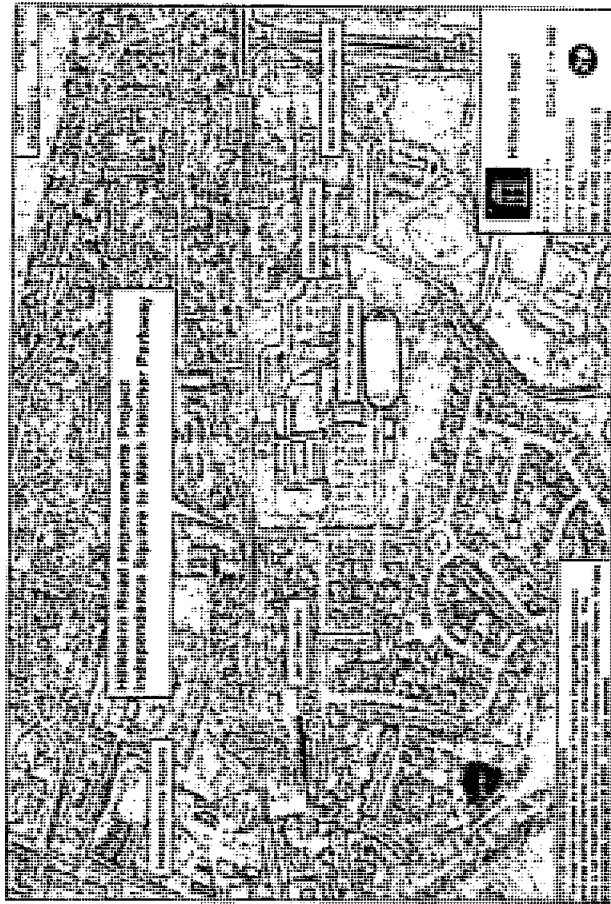
FY 2017-2026 Capital Improvement Program Financing Model

DRAFT

Phase I CIP: Hillsboro Road Phase II

This project is the second phase of the overall Hillsboro Road Improvements Project, creating roadway and utility infrastructure upgrades to Hillsboro Road, State Route 106. Aspects of this project include:

Widening from a 2-lane roadway with shoulders to 3-lanes (includes a new center turn lane) with curb and gutter (widening is symmetrical along the roadway's existing centerline); New 4.0' Bike lanes on both sides; New 3.0' grass strip with street trees; New 5.0' sidewalk along both sides of the roadway, up to Claude Yates; New street lighting along both sides using decorative street light poles; Northbound right turn lanes (in addition to the 2 travel lanes and center turn lane) to be added in front of Franklin High School and at both of the Joel Cheek Blvd. and Claude Yates Drive Intersections; Installing a traffic control signal at Claude Yates Drive to help with Franklin High School Traffic; Upgrading the Joel Cheek Blvd. traffic signal; Relocating all overhead utilities into underground duct banks; Upgrading older and undersized water and sanitary sewer utility lines; and Installing a new storm water sewer system with catch basins and yard inlets. These upgrades take place in both State Rights-of-Way and City/Public Easements.



Hillsboro Road Phase II	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Available
Internal											
General	\$ 4,625,000	\$ 1,850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,475,000
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Facilities Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hotel Motel	\$ 195,000	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 390,000
In Lieu of Parkland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Funding	\$ 552,500	\$ 552,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,105,000
Sewer Funding	\$ 372,500	\$ 372,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 745,000
External											
Fed/MPO/TDOT	\$ 600,000	\$ 1,150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000
County Facilities Tax	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Utility Agreements	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Developer Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 7,370,000	\$ 4,670,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,040,000

Capital Financing Model

BOMA Work Session - September 13, 2016



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model



10-Year Financing Analysis



City of Franklin

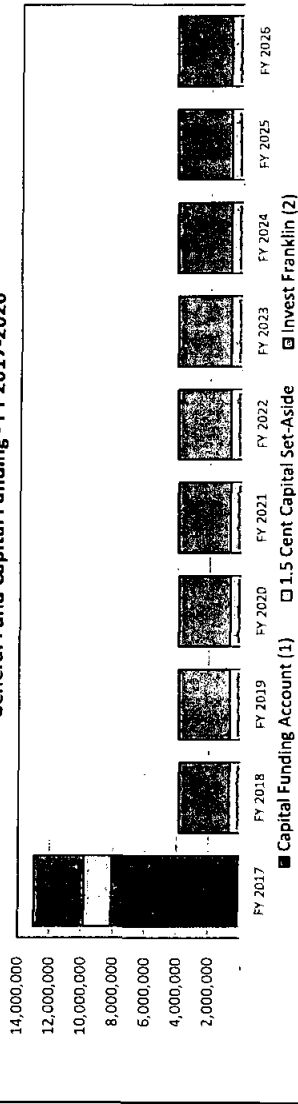
FY 2017-2026 Capital Improvement Program Financing Model

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Fund:	General Fund	Percent of Total CIP Revenues	31.0%
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General Fund: The largest funding source for Capital Projects is the General Fund. The property tax contributes the most to capital resources within the General Fund (Both in the form of the Invest Franklin initiative and in FY 2025 when the bonds for the TIF district are paid off. It is anticipated that annual tax revenue will flow to the general fund for either operations and/or increased debt capacity. The amount of debt capacity is under review by the City's financial advisers and City staff.)

General Fund Capital Funding - FY 2017-2026



	Projections											Totals
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		
Capital Funding Account ⁽¹⁾	8,101,435	687,543	694,419	701,363	708,377	715,460	722,615	729,841	737,140	744,511		8,101,435
1.5 Cent Capital Set-Aside	1,714,782	3,208,534	3,240,619	3,273,025	3,305,755	3,338,813	3,372,201	3,405,923	3,439,982	3,474,382		8,156,051
Invest Franklin ⁽²⁾	3,176,766	3,896,077	3,935,038	3,974,388	4,014,132	4,054,273	4,094,816	4,135,764	4,177,122	4,218,893		33,236,000
Totals	12,992,983	7,792,154	7,870,076	7,948,776	8,028,264	8,108,546	8,190,632	8,271,528	8,354,244	8,437,786		49,493,486

Assumptions

- (1) Balance of Capital Funding Account (that portion of G.F. Reserves over 45% of fund balance) varies and will be finalized only once preliminary FY 2016 Audited Financials are available.
- (2) Both the 1.5 Cent Capital Set Aside and the Invest Franklin receipts assume a conservative 1% growth year-over-year for the 10-year CIP horizon. Further increases may occur in FY 2022 at the time of the next revaluation of property, dependent upon what future BOMA's decide to do. For this analysis, no change in the rate is assumed.
- (3) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

DRAFT

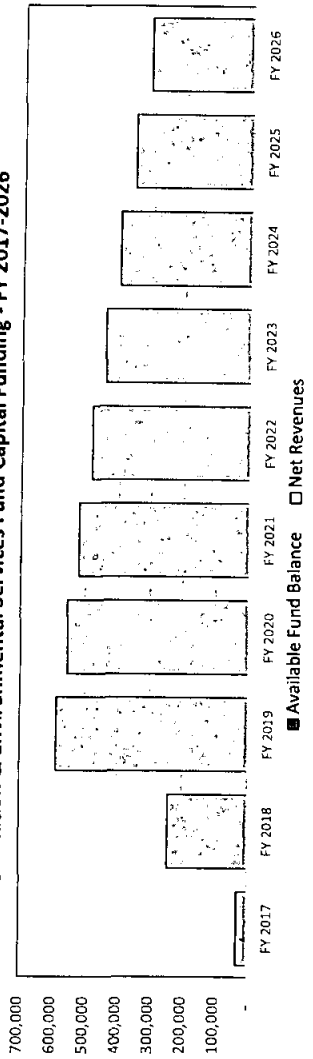
Fund: Sanitation

Percent of All Revenues 2.5%

Sanitation & Environmental Services Fund: This Special Revenue fund accounts for the fees collected in the collection and disposal of residential and commercial garbage. The primary component within the fund are those fees charged for disposal of refuse. In recent years, the City has worked to reduce the subsidy from the General Fund for sanitation and recycling operations.

Beginning in FY 2018, the fund should be able to sustain without transfers from the General Fund, and will be able to be self-sustaining by FY 2019. This surplus should be reserved (at least in part) for Capital Renewal and Replacement. Given the growth of the community, another transfer station may be a real possibility.

Sanitation & Environmental Services Fund Capital Funding - FY 2017-2026



Projections										Totals
FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10-year
Available Fund Balance										
Net Revenues	32,294	244,165	556,343	521,641	484,723	445,495	403,857	359,705	312,933	3,950,079
Totals	\$ 32,294	\$ 244,165	\$ 588,923	\$ 521,641	\$ 484,723	\$ 445,495	\$ 403,857	\$ 359,705	\$ 312,933	\$ 3,950,079

(1) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



City of Franklin

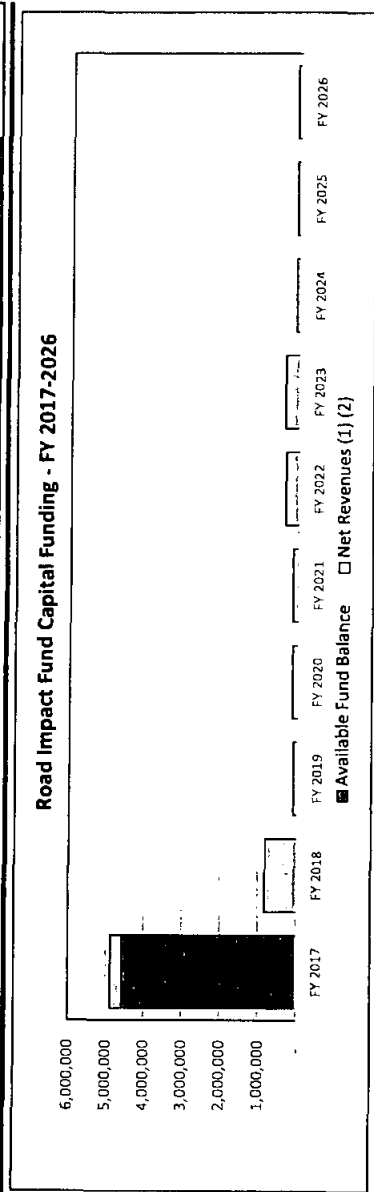
FY 2017-2026 Capital Improvement Program Financing Model

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Fund:	Road Impact	Percent of All Revenues	4.5%
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Road Impact Fund: The Road Impact Fund is the special revenue fund created for the accounting of expenditures in accord with City Ordinance 88-13 on the proceeds of road impact fees from new development. These funds can be used to pay for new arterial roads, directly or through payment of debt service on bonds associated with the projects.

The fund primarily is dedicated to servicing debt on already constructed arterial roadways. During the FY 2017-2026 CIP horizon, the debt service obligation assigned the Road Impact Fund is over \$38 million. (And nearly \$50 million total outstanding) Assuming the current balance is maintained as a sinking fund and reasonable collections remain to come into the fund, this obligation should be able to be met. But few - if any - new obligations should be planned at this time.



Projections											
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Totals
Available Fund Balance	4,880,814	838,593	111,484	131,256	153,639	352,228	372,842	103,176	76,783	98,114	10-year
Net Revenues (1) (2)	298,664	838,593	111,484	131,256	153,639	352,228	372,842	103,176	76,783	98,114	2,536,779
Totals											7,118,929

- (1) Net Revenues less Debt Service and possible offsets.
- (2) Assumes average of \$4,250,000 collected annually from FY 2017-FY 2026.
- (3) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

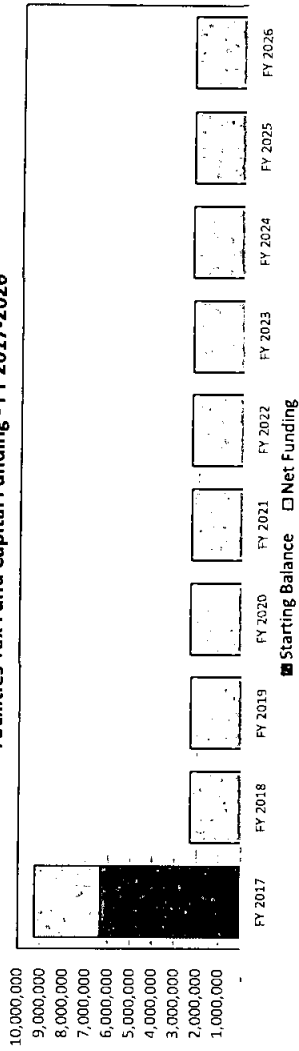
DRAFT

Fund:	Facilities Tax Fund	Percent of All Revenues	18.8%
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Facilities Tax Fund: A special revenue fund used to account for the proceeds authorized by a private act of the Tennessee General Assembly of 1987 for the City to levy and collect a privilege tax on new development to provide that new development contribute its fair share of providing new public facilities made necessary by growth. Such taxes may be expended only upon police, fire, sanitation, and parks and recreation.

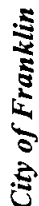
With the only known funding request against the fund any remaining costs of Fire Station 8 and Fire Station 7, (together both should be no more than \$5,000,000), ample resources are available to spend from the Facilities Tax on eligible capital

Facilities Tax Fund Capital Funding - FY 2017-2026



Projections										
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Starting Balance	2,912,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000
Net Funding	6,348,411	0	0	0	0	0	0	0	0	0
Totals	9,260,411	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000	2,312,000
10-Year	6,348,411									
	23,720,000									
	30,068,411									

(1) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



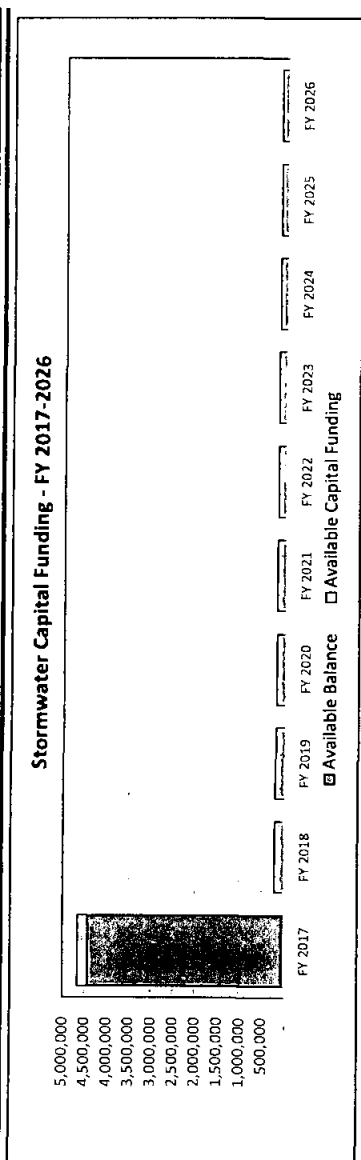
FY 2017-2026 Capital Improvement Program Financing Model

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Fund:	Stormwater	Percent of Total CIP Revenues	4.0%
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Stormwater Fund: A special revenue fund used to account for the City's Stormwater drainage projects and operations that prevent water issues. Revenues are primarily from charges to residential and commercial customers based on roofs and paved areas.

This is another fund dependent upon development. Should development increase faster than projected, or fees are increased, more money may be available for capital needs/requests. As it is, little annual surplus is forecast after operational concerns are met.



	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Totals
Available Balance	4,436,729										4,436,729
Available Capital Funding	222,266	216,697	210,537	203,759	196,328	188,214	179,373	169,778	159,377	148,135	1,894,463
Totals	\$ 4,658,995	\$ 216,697	\$ 210,537	\$ 203,759	\$ 196,328	\$ 188,214	\$ 179,373	\$ 169,778	\$ 159,377	\$ 148,135	\$ 6,331,192

Assumptions

(1) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



City of Franklin

FY 2017-2026 Capital Improvement Program Financing Model

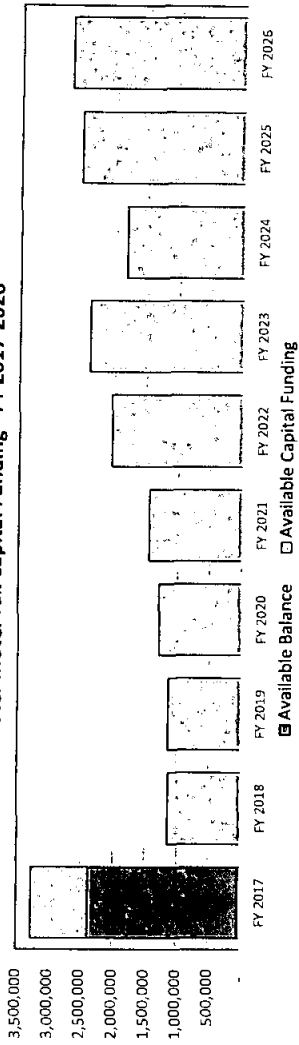
DRAFT

Fund:	Hotel Motel Tax	Percent of Total CIP Revenues	12.4%
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Hotel Motel Tax: The Hotel/Motel Tax has been used in the past for those types of infrastructure projects which promote recreation and tourism. Specifically, these monies have been used for servicing debt related to the acquisition of the Carter's Hill Battlefield, Eastern Flank Battlefield and the Park at Harlinsdale Farm.

Future growth assumes between 4-5% growth in revenues from hotel stays annually, less all known costs (existing debt service and the City's contribution to the Williamson County Convention & Visitors Bureau).

Hotel-Motel Tax Capital Funding - FY 2017-2026



Projections											
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Totals
Available Balance	881,418	1,134,099	1,139,140	1,295,873	1,458,643	2,049,163	2,401,230	1,843,140	2,547,764	2,709,614	2,388,275
Available Capital Funding	2,388,275	1,139,140	1,139,140	1,295,873	1,458,643	2,049,163	2,401,230	1,843,140	2,547,764	2,709,614	17,460,085
Totals	\$ 3,269,693	\$ 1,134,099	\$ 1,139,140	\$ 1,295,873	\$ 1,458,643	\$ 2,049,163	\$ 2,401,230	\$ 1,843,140	\$ 2,547,764	\$ 2,709,614	\$ 19,848,360

Assumptions

(1) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



City of Franklin

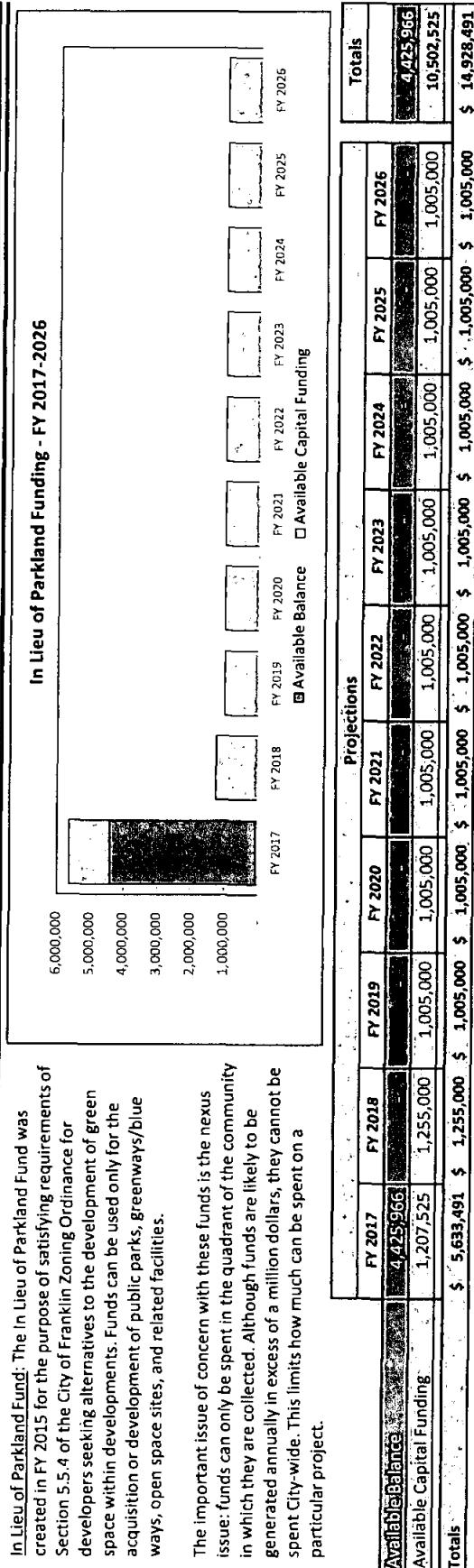
FY 2017-2026 Capital Improvement Program Financing Model

DRAFT

Fund:	In Lieu of Tax Parkland	Percent of Total CIP Revenues	9.4%
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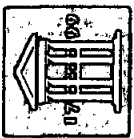
In Lieu of Parkland Fund: The In Lieu of Parkland Fund was created in FY 2015 for the purpose of satisfying requirements of Section 5.5.4 of the City of Franklin Zoning Ordinance for developers seeking alternatives to the development of green space within developments. Funds can be used only for the acquisition or development of public parks, greenways/blue ways, open space sites, and related facilities.

The important issue of concern with these funds is the nexus issue: funds can only be spent in the quadrant of the community in which they are collected. Although funds are likely to be generated annually in excess of a million dollars, they cannot be spent City-wide. This limits how much can be spent on a particular project.



Assumptions

(1) Available Balance will be finalized only once preliminary FY 2016 Audited Financials are available.



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee
FY 2017-2026 Capital Investment Program

FY 2017-2026
Capital Investment Program
Financing Model

September 13, 2016
Board of Mayor & Aldermen



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee
FY 2017-2026 Capital Investment Program

Outline

- **Executive Summary**
- **Available Resources**
- **Phase I Project Details**
- **Remaining Resources**
- **Debt Capacity Review**



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Executive Summary

This financing model has been built to determine answers to the following questions:

- What is the amount of available resources from all funds which can be spent on Capital Projects over the next ten years?
- How much will Phase I of the FY 2017-2026 Capital Improvement Program cost?
- What will be the amount of remaining resources after those projects are paid for? And,
- What will be the impact on the City's debt capacity and overall debt service?



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Executive Summary

This model has three main sections:

- An Executive Summary with summaries of current, future and remaining resources, annual and cumulative cost estimates for all Phase I CIP projects and a revised Debt Capacity Analysis given the revised cost of projects.**
- Phase I CIP Project Detail Sheets, which itemize the annual and cumulative funding needs by source by project.**
- 10-year Financing Analysis with detailed forecasts for most major internal funds of the City of Franklin.**



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Executive Summary

In building this model, staff has tried to be conservative with our revenue projections and prudent when determining available resources. "Available fund balances" are current estimated balances in most funds as of June 30th, less amounts reserved either through state law or BOMA policy.

The result is mostly positive - due to the prudent management of the community and the passage of the Invest Franklin initiative, the City can afford to take on all Phase I projects and have reasonable levels of remaining resources to fund additional phases of the FY 2017-2026 **Capital Improvement Program.**



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City of Franklin, Tennessee

FY 2017-2026 Capital Investment Program

Available Resources

Taking into account all available fund balances which can be used for capital purposes and forecasting all future revenues for the next decade, we project nearly \$160,000,000 in cash (or over \$206,000,000 in cash + debt) is available for capital projects between now and the end of FY 2026.



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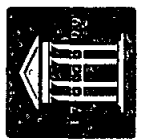
City of Franklin, Tennessee

FY 2017-2026 Capital Investment Program

Available Resources

	Fund Balance Available	Ongoing Resources										Total Available
		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Internal												
General												
Capital Funding Account	\$ 8,101,435	\$ 680,736	\$ 687,543	\$ 694,419	\$ 701,363	\$ 708,377	\$ 715,460	\$ 722,615	\$ 729,841	\$ 737,140	\$ 744,511	\$ 8,101,435
1.5 Cent Capital Set-Aside	\$ 1,034,046	\$ 3,176,766	\$ 3,208,534	\$ 3,240,619	\$ 3,273,025	\$ 3,305,755	\$ 3,338,813	\$ 3,372,201	\$ 3,405,923	\$ 3,439,982	\$ 3,474,382	\$ 8,156,051
Invest Franklin	\$ -	\$ 32,294	\$ 244,165	\$ 588,923	\$ 556,343	\$ 521,641	\$ 484,723	\$ 445,495	\$ 403,857	\$ 359,705	\$ 312,933	\$ 33,236,000
Sanitation Fund	\$ 4,582,150	\$ 298,664	\$ 838,593	\$ 111,484	\$ 131,256	\$ 153,639	\$ 352,228	\$ 372,842	\$ 103,176	\$ 76,783	\$ 98,114	\$ 3,950,079
Road Impact Fund	\$ 4,436,729	\$ 222,266	\$ 216,697	\$ 210,537	\$ 203,759	\$ 196,328	\$ 188,214	\$ 179,373	\$ 169,778	\$ 159,377	\$ 148,135	\$ 7,118,929
Stormwater	\$ 6,349,411	\$ 2,912,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 2,312,000	\$ 6,331,192
Facilities Tax	\$ 2,388,275	\$ 881,418	\$ 1,134,099	\$ 1,139,140	\$ 1,295,873	\$ 1,458,643	\$ 2,049,163	\$ 2,401,230	\$ 1,843,140	\$ 2,547,764	\$ 2,709,614	\$ 30,068,411
Hotel Motel	\$ 4,425,966	\$ 1,207,525	\$ 1,255,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 1,005,000	\$ 19,848,360
In Lieu of Parkland	\$ -	\$ 552,500	\$ 863,620	\$ 311,120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,928,491
Water Funding*	\$ -	\$ 372,500	\$ 528,500	\$ 156,000	\$ 179,850	\$ 179,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,727,240
Sewer Funding*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,416,700
External												
MPO/TDOT	\$ 8,630,000	\$ 1,555,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,185,000
Army Corp of Engineers	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
County Facilities Tax	\$ 3,262,263	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 12,762,263
Utility Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Developer Agreements	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Total	\$ 35,129,275	\$ 20,391,669	\$ 13,793,750	\$ 11,469,242	\$ 10,608,470	\$ 10,791,232	\$ 11,395,601	\$ 11,760,756	\$ 10,922,714	\$ 11,587,751	\$ 11,754,689	\$ 159,605,150

**Water & Sewer resources shown only those available for Phase I capital projects. Amount to be further refined.*



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City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Phase I CIP Project Details

Eight (8) projects are identified in the funding analysis provided herein:

- East McEwen (Phase IV)
- East / Southeast Multipurpose Park
- Sidewalk "Gaps"
- Fire Station 7
- Franklin Road
- Goose Creek Interchange Lighting
- Major Street Resurfacing
- Hillsboro Road Phase II



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City of Franklin, Tennessee

FY 2017-2026 Capital Investment Program

Phase I CIP Project Details

The following shows the financing needs for Phase I CIP projects as ranked by BOMA members and identified by staff.

	Ongoing Resources					Total Needed
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Internal						
General						
Cash	\$ 580,000	\$ 655,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,985,000
Debt	\$ 7,025,000	\$ 5,732,880	\$ 8,955,630	\$ 15,357,300	\$ 11,034,550	\$ 48,105,360
Sanitation Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road Impact Fund	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
Stormwater	\$ 50,000	\$ 50,000	\$ 272,250	\$ 272,250	\$ -	\$ 644,500
Facilities Tax	\$ 225,000	\$ 2,102,500	\$ 3,552,500	\$ 1,500,000	\$ 1,500,000	\$ 8,880,000
Hotel Motel	\$ 195,000	\$ 195,000	\$ -	\$ -	\$ -	\$ 390,000
In Lieu of Parkland	\$ -	\$ 250,000	\$ 600,000	\$ 350,000	\$ 350,000	\$ 1,550,000
Water Funding	\$ 552,500	\$ 863,620	\$ 311,120	\$ -	\$ -	\$ 1,727,240
Sewer Funding	\$ 372,500	\$ 528,500	\$ 156,000	\$ 179,850	\$ 179,850	\$ 1,416,700
External						
MPO/TDOT	\$ 8,630,000	\$ 1,555,000	\$ -	\$ -	\$ -	\$ 10,185,000
Army Corp of Engineers	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ 750,000
County Facilities Tax	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 1,000,000
Utility Agreements	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Developer Agreements	\$ -	\$ 550,000	\$ -	\$ -	\$ -	\$ 550,000
Total	\$ 18,855,000	\$ 13,232,500	\$ 15,097,500	\$ 18,159,400	\$ 13,564,400	\$ 78,908,800



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City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Phase I CIP Project Details

- Of the eight (8) projects in Phase I, two (Sidewalk “Gaps” & Fire Station 7) are fully funded as Pay-As-You-Go projects.
- Of the \$78,908,800 in Phase I projects, \$48,105,360 is proposed to be funded through debt financing, some *\$14 million less* than what was proposed in August in the Debt Capacity Analysis provided by PFM.
- Of the \$78,908,800 in Phase I projects, \$12,960,000 (17%) comes from “External Sources”; that is, sources such as the Federal or State governments, the MPO, the County Facilities Tax, or agreements and contributions from utility companies or private developers



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City of Franklin, Tennessee

FY 2017-2026 Capital Investment Program

Remaining Resources

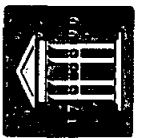
- The chart below shows the anticipated remaining resources after construction of all Phase I projects.

	FY 2017-2026 Projected Resources	Phase I Project Needs	Balance Remaining
Internal			
110 General			
Pay-as-you-go Cash ¹	\$ 16,257,486	\$ 1,985,000	\$ 14,272,486
Debt Service ²	\$ 80,000,000	\$ 48,105,360	\$ 31,894,640
124 Sanitation Fund	\$ 3,950,079	\$ -	\$ 3,950,079
128 Road Impact Fund	\$ 7,118,929	\$ 1,250,000	\$ 5,868,929
130 Stormwater	\$ 6,331,192	\$ 644,500	\$ 5,686,692
135 Facilities Tax	\$ 30,068,411	\$ 8,880,000	\$ 21,188,411
150 Hotel Motel	\$ 19,848,360	\$ 390,000	\$ 19,458,360
155 In Lieu of Parkland	\$ 14,928,491	\$ 1,550,000	\$ 13,378,491
421 Water	\$ 1,727,240	\$ 1,727,240	\$ -
431 Sewer	\$ 1,416,700	\$ 1,416,700	\$ -
External			
MPO/TDOT	\$ 10,185,000	\$ 10,185,000	\$ -
Army Corp of Engineers	\$ 750,000	\$ 750,000	\$ -
County Facilities Tax	\$ 12,762,263	\$ 1,000,000	\$ 11,762,263
Utility Agreements	\$ 475,000	\$ 475,000	\$ -
Developer Contributions	\$ 550,000	\$ 550,000	\$ -
Total	\$ 206,369,150	\$ 78,908,800	\$ 127,460,350

Presentation to Board of Mayor & Aldermen

Page 11

September 13, 2016



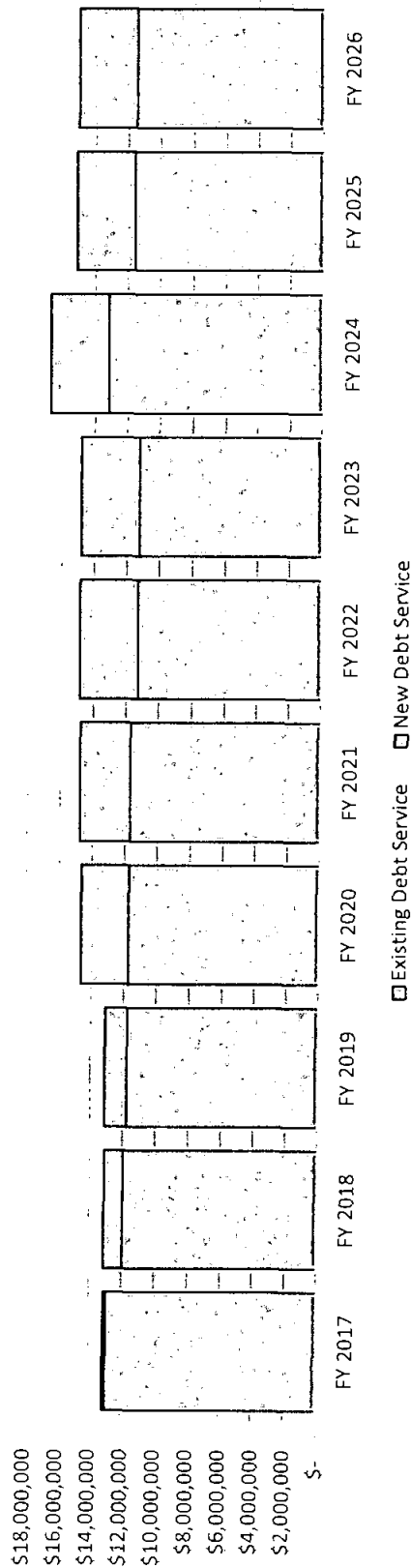
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City of Franklin, Tennessee FY 2017-2026 Capital Investment Program

Debt Capacity Analysis

- The model assumes three debt issuances in the next five years: \$15,000,000 in FY 2017, \$25,000,000 in FY 2019 and \$10,000,000 in FY 2021. The chart below shows the revised debt service chart for General Obligation debt during the horizon of the CIP.

Proposed City of Franklin General Obligation Debt Service - FY 2017 - 2026





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City of Franklin, Tennessee

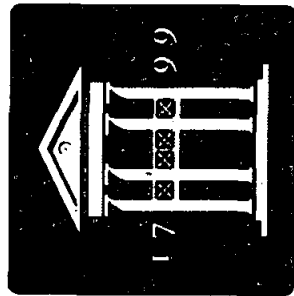
FY 2017-2026 Capital Investment Program

Debt Capacity Analysis & Invest Franklin

- The model assumes using most of the \$0.07 raised through the Invest Franklin initiative to service debt while other funds and capital reserves will be used for pay as you go projects. The table below shows the balance of Invest Franklin Funds if they are used in this way.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Net Increase Debt Service Year over Year	\$ 150,000	\$ 1,270	\$ (1,709)	\$ 1,535,939	\$ 1,656,442
Invest Franklin	\$ 3,176,766	\$ 3,208,534	\$ 3,240,619	\$ 3,273,025	\$ 3,305,755
Annual Balance of Invest Franklin Funds	\$ 3,026,766	\$ 3,207,264	\$ 3,242,328	\$ 1,737,087	\$ 1,649,314
Cumulative Net Balance Invest Franklin	\$ 3,026,766	\$ 6,234,029	\$ 9,476,357	\$ 11,213,444	\$ 12,862,758

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Net Increase Debt Service Year over Year	\$ 1,728,537	\$ 1,691,819	\$ 3,628,865	\$ 2,078,795	\$ 1,989,809
Invest Franklin	\$ 3,338,813	\$ 3,372,201	\$ 3,405,923	\$ 3,439,982	\$ 3,474,382
Annual Balance of Invest Franklin Funds	\$ 1,610,276	\$ 1,680,383	\$ (222,941)	\$ 1,361,188	\$ 1,484,574
Cumulative Net Balance Invest Franklin	\$ 14,473,034	\$ 16,153,417	\$ 15,930,475	\$ 17,291,663	\$ 18,776,237



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Debt Capacity Model Update

Presented on
August 18, 2016



The PFM Group
Financial & Investment Advisors

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Capacity Model Overview

The Capacity Model includes:

- Actual, Audited Revenues and Expenditures for FY 2015
- Estimated, Unaudited FY 2016 Revenues and Expenditures
- Budgeted FY 2017 Revenues and Expenditures
- Revenue and Expenditure Growth Rate Assumptions for FY 2018 – 2022 provided by the City
- Bonds issued in FY 2017, FY 2019 and FY 2021 to cover CIP project needs of \$82.3 million which results in bonds issued totaling \$63.8 million

CIP Summary

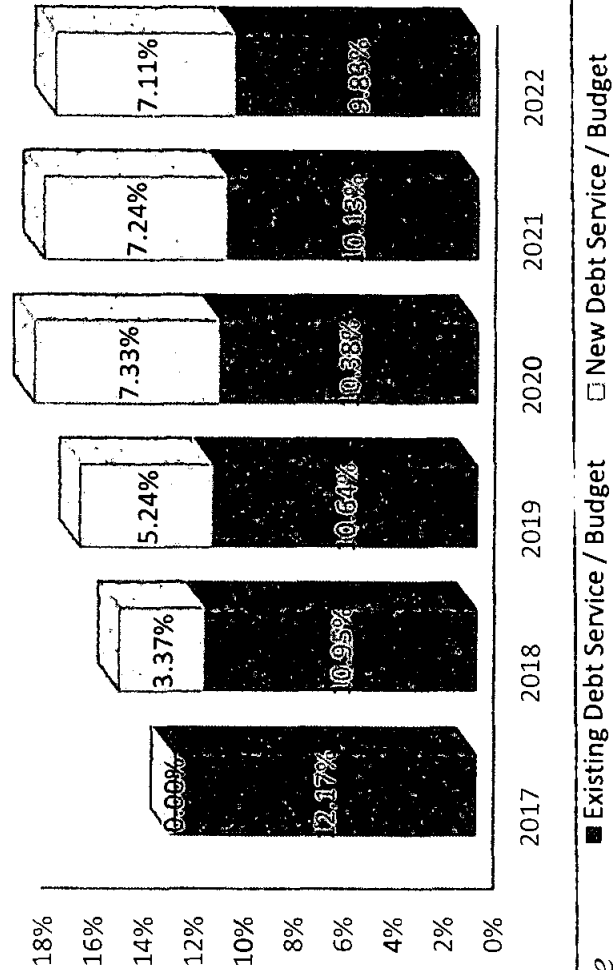
CIP Work Sheet

August 2016 Analysis

Project Description	2017	2018	2019	2020	2021	2022	5 Year Total (18-22)	Project Total
Projects								
1 East McEwen Drive - Phase 4	2,600,000	1,000,000	12,164,000	12,164,400	-	-	25,328,400	27,928,400
Net Funding Needs	2,350,000	750,000	7,914,000	7,914,400	-	-	16,578,400	18,928,400
2 East/Southeast Multipurpose Park	1,200,000	4,000,000	4,000,000	4,000,000	-	-	12,000,000	13,200,000
Net Funding Needs	-	3,800,000	3,800,000	3,800,000	-	-	11,400,000	11,400,000
3 Sidewalk Gaps	250,000	250,000	250,000	250,000	250,000	-	1,000,000	1,250,000
Net Funding Needs	250,000	250,000	250,000	250,000	250,000	-	1,000,000	1,250,000
4 Fire Station 7	80,000	4,150,000	100,000	-	-	-	4,250,000	4,330,000
Net Funding Needs	-	-	-	-	-	-	-	-
5 Franklin Road Improvements & Streetscape	-	2,550,000	5,895,000	5,895,000	-	-	14,340,000	14,340,000
Net Funding Needs	-	1,900,000	4,405,450	5,155,450	-	-	11,460,900	11,460,900
6 Goose Creek Interchange Lighting	60,000	810,000	-	-	-	-	810,000	870,000
Net Funding Needs	30,000	405,000	-	-	-	-	405,000	435,000
7 Major Street Resurfacing	-	2,400,000	-	1,700,000	-	1,300,000	5,400,000	5,400,000
Net Funding Needs	-	2,400,000	-	1,700,000	-	1,300,000	5,400,000	5,400,000
8 Hillsboro Road	15,000,000	-	-	-	-	-	-	15,000,000
Net Funding Needs	15,000,000	-	-	-	-	-	-	15,000,000
Project Subtotal	19,190,000	15,160,000	22,409,000	24,009,400	250,000	1,300,000	63,128,400	82,318,400
Net Funding Needs	17,630,000	9,505,000	16,369,450	18,819,850	250,000	1,300,000	46,244,300	63,874,300
Bonds Issued	27,135,000	-	35,189,300	-	1,550,000	-	-	63,874,300

Debt Service to Budget Metrics

	2017	2018	2019	2020	2021	2022
New Debt Service		2,177,383	3,492,094	5,001,063	5,058,973	5,125,439
Estimated Gen Fund Budget (GF Revenues)	62,851,566	64,679,768	66,609,758	68,217,387	69,909,525	72,111,789
New Debt Service / Budget	0.00%	3.37%	5.24%	7.33%	7.24%	7.11%
Existing Debt Service	7,651,190	7,079,596	7,084,969	7,080,820	7,085,047	7,086,321
Existing Debt Service / Budget	12.17%	10.95%	10.64%	10.38%	10.13%	9.83%
New + Existing Debt Service	7,651,190	9,256,978	10,577,063	12,081,883	12,144,019	12,211,760
New + Existing Debt Service / Budget	12.17%	14.32%	15.88%	17.71%	17.37%	16.94%



Debt Assumptions:

Interest rate of 5.00%

20 year, level debt service

Debt Management Policy Ratios

The City's updated Debt Management Policy includes the following ratios:

1. Direct debt as a % of Full Value $\leq 1.75\%$
2. Direct debt of Operating Revenues of $\leq 3.00X$
3. Total Governmental Funds Debt Service as a % of expenditures $\leq 25\%$

The City also has a reserve fund policy to maintain at least 33% of General Fund Revenues.

Policy Ratios

	Affordability Matrix				
	Direct Debt % of Full Value	Direct Debt to Operating Revenue	Govt. Fund DS % Govt. Expenditures	General Fund Balance as a % of Operating Revenues ⁽¹⁾	Debt Service as a % of Operating Expenditures ⁽²⁾
Debt Policy	≤ 1.75%	≤ 3.00x	≤ 25%	≥ 30%	
FY 2017 (Series 2017 Bonds)	1.3%	2.4	14.9%	61.9%	10.8%
FY 2018	1.2%	2.2	16.2%	62.8%	12.8%
FY 2019 (Series 2019 Bonds)	1.4%	2.5	17.4%	64.5%	14.1%
FY 2020	1.3%	2.3	19.0%	66.7%	15.5%
FY 2021 (Series 2021 Bonds)	1.2%	2.1	18.9%	69.3%	15.3%
FY 2022	1.1%	2.0	18.3%	72.2%	15.1%

(1) Moody's 2013 Aaa Median = 38.5%

(2) This metric is no longer reported by Moody's.

Assumptions:

Market Value/Full Value grows at 1%

Governmental Expenditures grow at 1%

Operating Expenses include debt service to be paid out of the General Fund

Subject: Proposal to Increase City Council Pay: Empowering Younger Candidates with Families and Full-Time Jobs

Dear Esteemed City Council Members,

As we continue to serve our vibrant and rapidly growing city of 86,000 residents, it's imperative that we reflect on ways to ensure effective governance and representation. I am advocating for an increase in Alderman and Mayor monthly pay for the board of Mayor and Aldermen, with a particular reason to focus on empowering those how are coming after us as well as younger candidates who juggle family responsibilities and full-time employment.

Here are compelling reasons why such an increase is not only warranted but crucial for the continued success of our city:

1. **Attracting Diverse Talent:** Our city boasts highly talented citizens and it's essential that our city council reflects the diversity those individuals and the skill-sets they can offer to our city. By offering compensation that contributes somewhat more towards all the responsibilities we must cover we can attract a wider range of candidates, especially those who may currently be deterred by the investment of time, study, and the financial strain of serving in public office alongside their existing family, job, and community commitments.
2. **Ensuring Representation for Working Families:** Many of our residents are young professionals with families and demanding careers. By increasing the compensation, we send a clear message that our community values and supports individuals from all walks of life, including those who may not have the financial flexibility to cover sitters (at \$15 and \$20 per hour), attending community meeting, events, seminars and just juggling their family and career lives.
3. **Encouraging Civic Engagement:** A increased compensation can incentivize more individuals, particularly younger demographics, to engage in local public service and consider running for the Board of Mayor and Aldermen. This infusion of fresh perspectives and energy is essential for keeping our governance dynamic and responsive to the evolving needs of our community.
4. **Balancing Commitments:** Serving on the Board of Mayor and Aldermen is a significant responsibility that often requires time away from family and work obligations. Increasing compensation can assist in alleviating the financial burden associated with this important commitment, enabling BOMA members to strike a better balance between their civic duties and personal and professional lives.
5. **Investment in Effective Governance:** Ultimately, investing in fair compensation for Board of Mayor and Aldermen members is an investment in the effectiveness and integrity of our governance and can help attract and retain dedicated individuals who are representative of our community.

In conclusion, raising the monthly compensation for city council members is not just about fair compensation—it's about fostering inclusivity, promoting civic engagement, and ensuring effective governance for the benefit of all residents. I urge my fellow Aldermen to consider this proposal seriously and to join me in taking this important step towards a future vibrant and representative Board of Mayor and Aldermen.

Let's remember:

1. No one takes on this position / job as a working income or expects anything close to a sustainable income. That is not why any of us do this job or the public servants to come after us. I have never met any Alderman who ran for office because they thought a monthly compensation was a paying job they were applying for.
2. People should not be penalized for wanting to serve or be disincentivized because of the demands on time and finances.
3. Let's not overlook the non-visible things, working through the issues, studying massive amounts of material at times, attending seminars, community meetings, and dealing with explosive growth and all the challenges that brings to our city and board.
4. BOMA members are not just board members, they are members of an executive board the take on critical responsibilities for our city.
5. Look at the growth over the last 10 year and the work load the complexities of the issues (sewer treatment plant, drinking water plant, impact fees, growth, sewer basins challenges, long term planning, financial planning for a fast-growing community, the list goes on).
6. Aldermen and the Mayor in reality, don't have a day off a they serve 365 days a year. Yes, one of us even got a call on Christmas day. So, the Aldermen and Mayor are on the clock.
7. Just one metric for the increase growth and increased activity is look at the number of increased numbers of employees that work for the city, the increases in pay for staff and especially the increase in pay for administration over the last 15 years. In a weak Mayor system, the actual decision-making via votes on important issue primarily rest on the shoulders of the Aldermen. It is their responsivity to become extremely well informed on each decision, thus adding more to the workload of the current board and to those to come. The workload of our mayor has increase just as well and his ambassadorship for a nationally and internationally recognized city is very demanding here locally and at the state level and beyond.

Currently Compensation for:

Aldermen \$1000 per month /per year \$12,000

Mayor: \$2,000 per month / per year \$24,000

Proposed:

|Aldermen \$2,250 per month/ per year \$27,000

Mayor: \$4,000 per month / Per year \$48,000

Thank you for your attention to this needed matter.

Elected Official Pay Data

Alcoa	Mayor – \$350 per month (\$4,200/yr) Commissioners – \$275 per month (\$3,300/yr) No additional pay. Elected officials do not receive benefits.
Bartlett	Mayor – \$105,000/yr Board Members – \$12,000/yr Mayor is full-time and receives \$500/month stipend for personal use vehicle. No additional pay. Defined Pension Plan if elected before 7/1/14. City's Defined Pension Benefit 401 Plan if elected after 7/1/14. Can participate in health, vision, and disability plans like city employees.
Brentwood	Mayor – \$1000 per month (\$12,000/yr) Commissioners – \$950 per month (\$11,400/yr) No additional pay. Both receive Health and Life Insurance benefits only.
Bristol	Mayor – \$8,077.60/yr Council Member – \$8,077.60/yr No additional pay. Elected officials are eligible for all the same benefits as full-time employees except for Life Insurance or Short Term Disability.
Chattanooga	Mayor – \$192,237.53/yr (calculated) Council Member – 15% of Mayoral Salary (\$28,835.63/yr) Council Chair – \$33,835.63/yr (additional \$5,000 from Council Member) Council Vice Chair – \$31,335.63/yr (additional \$2,500 from Council Member) No additional pay. Each Council Member is allotted \$6,000 for District-specific expenses (reimbursement) Elected Officials are eligible to receive all city employee benefits, except for longevity bonuses.
Collierville	Mayor – \$35,000/yr Vice-Mayor – \$15,000/yr Aldermen – \$12,000/yr No additional pay. Found salary based on charter (resolution amendments) Increase by \$2,000 for Mayor and \$1,000 for Aldermen in 4 year increments.*

	Board members receive health and life insurance benefits.
Columbia	Mayor – \$346.15 every two weeks (\$9,000/yr) Vice-Mayor – \$279.96 every two weeks (\$7,278.96/yr) Council – \$230.77 every two weeks (\$6,000/yr) No additional pay. All are offered medical and dental insurance like City employees.
Fairview	Mayor – \$1,000 per month (\$12,000/yr) Commissioners – \$950 per month (\$11,400/yr) No additional pay. Elected officials do not receive benefits.
Germantown	Mayor – \$24,000/yr Aldermen – \$12,000/yr The Mayor receives a vehicle allowance. All are eligible to be on the city’s health care insurance.
Johnson City	Mayor – \$150 per month (\$1,800/yr) Commissioners – \$100 per month (\$1,200/yr) No additional pay. Elected Officials are eligible to participate in City insurance.
Kingsport	Mayor – \$3,000/yr Aldermen – \$2,400/yr No additional pay. No benefits.
Knoxville	Mayor – \$162,500/yr Council – \$24,000/yr No additional pay. Elected Officials are eligible for City benefits.
Maryville	Mayor – \$50 per month (\$600/yr) Council – \$25 per month (\$300/yr) Elected Officials do not receive any City-provided benefits.
Murfreesboro	Mayor – \$12,000/yr Council – \$11,400/yr Council Members receive a car allowance of \$4,800/yr and a phone allowance of \$1,800/yr.

	The Mayor receives a car allowance of \$9,600/yr and a phone allowance of \$1,800/yr. All are eligible for benefits like employees.
Nashville (found on General Pay Plan)	Mayor – \$180,000/yr (change to \$209,898/yr in September 2023) Vice-Mayor – \$25,230/yr (change to \$27,977/yr in September 2023) Council Member – \$23,100/yr (change to \$25,615/yr in September 2023)
Nolensville	Mayor – \$425 per month (\$5,100/yr) Vice-Mayor – \$425 per month (\$5,100/yr) Commissioners – \$425 per month (\$5,100/yr) No additional pay. Elected officials do not receive city-provided benefits.
Spring Hill	Mayor – \$925 per month (\$11,100/yr) Aldermen – \$450 per month (\$5,400/yr) Aldermen on the Planning Commission – \$500 per month (\$6,000/yr) No additional pay. All are eligible for benefits like employees, but is not eligible for medical opt-out pay.
Thompson's Station	Mayor – \$10,000/yr Alderman – \$5,000/yr No additional pay. Mayor can use a town paid-for cell phone for official business (\$360/yr) No benefits aside from required training by the State.