



Division of Transportation System Development  
Northeast Region  
944 Vanderperren Way  
Green Bay, WI 54304

**Tony Evers, Governor**  
**Craig Thompson, Secretary**  
Internet: [www.dot.wisconsin.gov](http://www.dot.wisconsin.gov)

Telephone: (920)492-5643  
FAX: (920)492-5640  
Email: [ner.dtsd@dot.wi.gov](mailto:ner.dtsd@dot.wi.gov)

November 18, 2019

Jim Doperalski  
Wisconsin Department of Natural Resources  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

**Clean Water Act Permit, Section 401 Water Quality Certification  
For discharge activities outside of the exterior boundary of the Oneida Nation reservation**

RE: WisDOT ID: 9200-10-00/71  
Shawano – Green Bay  
CTH VV Interchange  
WIS 29  
Brown County, WI

Dear Mr. Doperalski:

Enclosed is application for a Clean Water Act Section 404 permit application for work associated with the construction of the WIS 29 & CTH VV Interchange. **This copy is for Section 401 water quality certification evaluation by the Wisconsin Department of Natural Resources. Please do not forward a copy to the U.S. Army Corps of Engineers, as they have already been sent a copy.** The purpose of the WIS 29/County VV Interchange Project is to address the safety and mobility for traffic along WIS 29 between Shawano and Green Bay (see Attachment 3-Project Location & Plans). The preferred alternative includes the following improvements:

- Removal of the existing Restricted Crossing U-Turn (RCUT) intersection at County VV
- Construction of a diamond interchange at County VV
- Realignment of Milltown Road
- Connection from County VV to North Overland Road
- Removal of access to WIS 29 from County U

Affected wetlands are located along Old Hwy 29/County U and at the proposed WIS 29/County VV interchange. The proposed construction activities involve discharge of fill material into approximately 5.497 acres of wetlands located in the Village of Howard, Village of Hobart, and the Oneida Tribe of Indians of Wisconsin (Oneida Nation) reservation, and watershed impacts to the head waters of Trout Creek. An unnamed stream/drainage area to Trout Creek would be impacted by the proposed action by extending an existing culvert. **Approximately 2.975 acres of these wetland impacts are located outside of the exterior boundary of the Oneida Nation reservation.** The Village of Hobart and the Oneida Nation share boundaries at the project location.

Attachment 2 summarizes the affected wetlands and the impacts resulting from proposed construction activities (see Attachment 2 for more details).

Proposed mitigation strategies for watershed impacts would include routing drainage into ponds to control the flow of water into existing agricultural ditching. Ponds that would discharge water into the surrounding watershed would have thermal treatment to cool the pond water. The objective is to control the quantity of runoff and enhance water quality by removing post-construction Total Suspended Solids (TSS). The stormwater management plan will meet the post-construction 40% TSS reduction specified in Wisconsin Administrative Code, Chapter TRANS 401, *Construction Site Erosion Control and Stormwater Management Procedures for Department Actions*.

The following State and Federal agencies and stakeholders have been sent a copy of this application:

- U.S. Army Corps of Engineers
- Environmental Protection Agency
- Wisconsin Department of Natural Resources
- Oneida Tribe of Indians of Wisconsin (Oneida Nation)

Construction is scheduled to begin in April 2021 and be completed by December 2022. In order to meet the schedule for completing PS&E (plans, specifications and estimates) prior to contract letting, the Section 404 permit and Section 401 water quality certification are needed by May 1, 2020. Your attention to the schedule is greatly appreciated.

If you have any questions regarding this application or the project in general, please contact me at (920) 366-3028 or [Matthew.Ternes@dot.wi.gov](mailto:Matthew.Ternes@dot.wi.gov).

Sincerely,



Matt Ternes  
WisDOT Project Manager

**Encls:**

- Attachment 1** – State / Federal Application for Water Regulatory Permits and Approvals Form 3500-053
- Attachment 2** – Supplement to Form
- Attachment 3** – Project Location Map and Preliminary Project Plans
- Attachment 4** – List of Riparian Property Owners
- Attachment 5** – Approved Environmental Report – including correspondence

**Cc:** Mike Helmrick – WisDOT NE Region  
Joey Shoemaker – USACE  
Melissa Blankenship – U.S. EPA, Region 5  
Jim Snitgen – Water Resources Team Leader, Oneida Nation



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November 18, 2019

Joey Shoemaker  
U.S. Army Corps of Engineers  
Old Fort Square  
211 N Broadway Street, Suite 221  
Green Bay, WI 54303

### **Clean Water Act Permit, Department of the Army Section 404 Permit Authorization**

RE: WisDOT ID: 9200-10-00/71  
Shawano – Green Bay  
CTH VV Interchange  
WIS 29  
Brown County, WI

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Attachment 2 summarizes the affected wetlands and the impacts resulting from proposed construction activities (see Attachment 2 for more details).

Proposed mitigation strategies for watershed impacts would include routing drainage into ponds to control the flow of water into existing agricultural ditching. Ponds that would discharge water into the surrounding watershed would have thermal treatment to cool the pond water. The objective is to control the quantity of runoff and enhance water quality by removing post-construction Total Suspended Solids (TSS). The stormwater management plan will meet the post-construction 40% TSS reduction specified in Wisconsin Administrative Code, Chapter TRANS 401, *Construction Site Erosion Control and Stormwater Management Procedures for Department Actions*.

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Sincerely,

A handwritten signature in black ink, appearing to read "Matt Ternes", written over a light gray horizontal line.

Matt Ternes  
WisDOT Project Manager

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November 18, 2019

Melissa Blankenship  
U.S. Environmental Protection Agency Region 5  
77 W. Jackson Boulevard, WW-16J  
Chicago, Illinois 60604

**Clean Water Act Permit, Section 401 Water Quality Certification**  
**For discharge activities within the exterior boundary of the Oneida Nation reservation**

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Shawano – Green Bay  
CTH VV Interchange  
WIS 29  
Brown County, WI

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Matt Ternes  
WisDOT Project Manager

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Jim Doperalski, WDNR Liaison  
Joey Shoemaker - USACE  
Jim Snitgen – Water Resources Team Leader, Oneida Nation

## **LIST OF ATTACHMENTS**

Attachment 1: State / Federal Application for Water Regulatory  
Permits and Approvals Form 3500-053

Attachment 2: Supplement to Form

Attachment 3: Project Location Map and Preliminary Project Plans

Attachment 4: List of Riparian Property Owners

Attachment 5: Approved Environmental Report

**Attachment 1**  
**State / Federal Application for Water Regulatory**  
**Permits and Approvals Form 3500-053**

**Notice:** Pursuant to chs. 30 and 31, Wis. Stats., ch. 281, Wis. Stats., and s. 283.33, Wis. Stats., this form is used to apply for coverage under the state construction site storm water runoff general permit, and to apply for a state or federal permit or certification for waterway and wetland projects or dam projects. This form and any required attachments constitute the permit application. Failure to complete and submit this application form may result in a fine and/or imprisonment or forfeiture under the provisions of applicable laws including s. 283.91, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Laws (ss. 19.31-19.39, Wis. Stats.).

Use this form for (select all that apply):

- |                                                               |                                                                                             |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Waterway General Permit              | <input type="checkbox"/> Storm water NOI - New land disturbing construction activity        |
| <input type="checkbox"/> Waterway Individual Permit           | <input type="checkbox"/> Storm water NOI - Renewal FIN # _____                              |
| <input type="checkbox"/> Wetland General Permit               | <input type="checkbox"/> Work in waters of the U.S. (Army Corps of Engineers)               |
| <input checked="" type="checkbox"/> Wetland Individual Permit | <input type="checkbox"/> Dam projects (DNR-ch. 31, Wis. Stats., or Army Corps of Engineers) |

Read all instructions provided before completing. If additional space is needed, attach additional pages.

**Section 1: Landowner Information**

|                                                      |                                  |                        |          |
|------------------------------------------------------|----------------------------------|------------------------|----------|
| Landowner Name (first and last name, org. or entity) | Authorized Representative        |                        |          |
| State of Wisconsin Department of Transportation      | Matt Ternes                      |                        |          |
| Mailing Address                                      | City                             | State                  | ZIP Code |
| 944 Vanderperren Way                                 | Green Bay                        | WI                     | 54304    |
| Email Address                                        | Phone Number (include area code) | Alternate Phone Number |          |
| Matthew.Ternes@dot.wi.gov                            | (920) 366-3028                   |                        |          |

**Section 2: Applicant Information** ☒ Select if same as landowner

|                                                      |                                  |                        |          |
|------------------------------------------------------|----------------------------------|------------------------|----------|
| Applicant Name (first and last name, org. or entity) | Contact Person                   |                        |          |
| Mailing Address                                      | City                             | State                  | ZIP Code |
| Email Address                                        | Phone Number (include area code) | Alternate Phone Number |          |

**Section 3: Primary Project Contact** ☒ Select if same as landowner

☐ Consultant    ☐ Contractor    ☐ Other – Specify: \_\_\_\_\_

|                             |                                      |                        |          |
|-----------------------------|--------------------------------------|------------------------|----------|
| Name (Ind., Org. or Entity) | Contact Person (first and last name) |                        |          |
| Mailing Address             | City                                 | State                  | ZIP Code |
| Email Address               | Phone Number (include area code)     | Alternate Phone Number |          |

**Section 4: Project or Site Location**

|                              |                     |                                                                                                |
|------------------------------|---------------------|------------------------------------------------------------------------------------------------|
| Project Name                 | County              | <input type="radio"/> City <input type="radio"/> Town <input checked="" type="radio"/> Village |
| WIS 29 / CTH VV Interchange  | Brown and Outagamie | of Hobart / Howard                                                                             |
| Location Address/Description |                     |                                                                                                |

WIS 29/CTH VV interchange and adjacent roadways. Wetlands located along Old Hwy 29/CTH U and VV interchange.

**Public Land Survey System (PLSS)** – Provide the section, range, township information and latitude and longitude in decimal degrees, if available.

\_\_\_\_\_ ¼ of \_\_\_\_\_ ¼ of Section \_\_\_\_\_, Township \_\_\_\_\_ N, Range \_\_\_\_\_ ☐ E ☐ W \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude

If this site is not wholly contained in the quarter-quarter section, more description:

Roadway Improvements will be in:

Sections 2, 3, 4, 11, and 12 / Township 24 North / Range 19 East

Sections 33 and 34 / Township 25 North / Range 19 East

**Section 5: Pre-Application Resource Screening**

Screening your project site for the presence of sensitive natural or cultural resources before applying for a permit can assist you in planning and designing your project to avoid or minimize impacts to these resources. Please identify any screening you have already completed and attach any supporting documentation to your application. If sensitive resources are identified during the permit review, it may result in delays in processing your application and/or project re-design.

**Waterways:** Provide the name(s) of closest waterbodies:

Trout Creek

**Wetlands:** Has the project site been assessed for the presence of wetlands? ☒ Yes ☐ No

If yes, select all sources of information used and attach supporting report or documentation:

- ☒ Wisconsin Wetland Inventory
- ☒ Wetland Locator Tool - <http://dnr.wi.gov/topic/wetlands/locating.html>
- ☐ Wetland Delineation by consultant
- ☒ NRCS Soils Map
- ☐ DNR Wetland Identification letter - <http://dnr.wi.gov/topic/wetlands/identification.html>
- ☐ DNR Wetland Confirmation letter - <http://dnr.wi.gov/topic/wetlands/identification.html>
- ☐ Army Corps of Engineers Concurrence letter
- ☒ Other: WDNR/WisDOT determination

Are wetlands proposed to be filled, excavated or disturbed during construction or as part of this project? ☒ Yes ☐ No

**Endangered or Threatened Resources:**

Has the presence of endangered or threatened resources been evaluated according to the protocols developed by the DNR Bureau of Natural Heritage Conservation (BNHC)? [dnr.wi.gov/topic/ERReview/](http://dnr.wi.gov/topic/ERReview/) ☒ Yes ☐ No

If yes, select how evaluation was completed and attach supporting report or documentation:

- ☒ DNR BNHC ER Review Letter
- ☐ Certified ER Review Letter
- ☐ Broad Incidental Take Permit/Authorization - specify (e.g. No/Low Impact Activities, Grassland and Savanna Management, etc.)

☐ Other: \_\_\_\_\_

**Section 6: Project Information (attach additional sheets as necessary)**

**Duration:** 04/15/2021 11/15/2022  
Anticipated Project Start Date (mm/dd/yyyy) Anticipated Project End Date (mm/dd/yyyy)

**Photos:** Provide photographs of the "before" condition. \_\_\_\_\_  
Date of Photographs

**Project Purpose and Need:** Provide a one to two paragraph description of the proposed project, including land and water alterations and intended use(s) of the project.

Wisconsin Department of Transportation (WisDOT) Project 9200-10-00 is located along the boundary of the Villages of Hobart and Howard in Brown and Outagamie County, Wisconsin. The project is also located along the northern boundary of the Oneida Nation reservation; WIS 29 serves as a northern boundary of the reservation at this location. The project area includes the intersections of WIS 29/32 with CTH U (County Line Road) and WIS 29/32 with CTH VV (Triangle Drive). The project area also encompasses various connecting roadways including Marley Street, Milltown Road, Millwood Court, and North Overland Road.

The purpose of the WIS 29/County VV Interchange Project is to address the safety and mobility for traffic along WIS 29 between Shawano and Green Bay. Affected wetlands are located along Old Hwy 29/County U and at the proposed WIS 29/County VV interchange. The proposed construction activities involve discharge of fill material into wetlands located in the Village of Howard, Village of Hobart, and the Oneida Tribe of Indians of Wisconsin (Oneida Nation) reservation.

**Section 7: Certification and Permission**

**Certification:** I hereby certify that I am the owner or authorized representative of the owner of the property which is the subject of this Permit Application. I certify that the information contained in this form and attachments is true and accurate. I certify that the project will be in compliance with all permit conditions. I understand that failure to comply with any or all of the provisions of the permit may result in permit revocation and a fine and/or imprisonment or forfeiture under the provisions of applicable laws.

**Permission:** I hereby give the Department permission to enter and inspect the property at reasonable times, to evaluate this notice and application, and to determine compliance with any resulting permit coverage.

\_\_\_\_\_  
Signature of Landowner / Authorized Representative – **For Stormwater applications, signature of landowner is required. Authorized representative is not sufficient.**

\_\_\_\_\_  
Date Signed

Matt Ternes

\_\_\_\_\_  
Printed Name of Landowner / Authorized Representative

Project Manager

\_\_\_\_\_  
Title

**Attachment 2**  
**Supplement to Form**

## **Supplemental Information**

### **Section 404 Permit Application**

WisDOT ID: 9200-10-00/71  
Shawano – Green Bay  
CTH VV Interchange  
WIS 29  
Brown County, WI

### **Project Information**

WisDOT Project 9200-10-00/71 is located along the boundary of the Villages of Hobart and Howard in Brown and Outagamie County, Wisconsin. The project is also located along the northern boundary of the Oneida Nation reservation; WIS 29 serves as a northern boundary of the reservation at this location. The project area includes the intersections of WIS 29/32 with County Highway (County) U (County Line Road) and WIS 29/32 with County VV (Triangle Drive). The project area also encompasses various connecting roadways including Marley Street, Milltown Road, Millwood Court, and North Overland Road. The west project terminus is identified as 800 feet west of the WIS 29/County U intersection. The east project terminus is identified as 2,000 feet east of the WIS 29/County VV intersection. The County U and County VV intersections are the last two remaining at-grade intersections along WIS 29 in Brown County. The WIS 29/WIS 32 connection directly west of the project is a full-service interchange. The WIS 29 at-grade intersections east of the project area [County FF (Hillcrest Road), County J (Riverdale Drive), and County EB] were each reconstructed as grade-separated facilities in the previous 10 years.

The overall purpose of the proposed action is to address the safety and mobility of the WIS 29 corridor. The project aims to provide a safe and serviceable corridor that is convenient for area businesses, residents, and the traveling public. This includes motor vehicles, bicyclists and pedestrians, freight carriers, and school/transit buses.

The project is needed to address identified corridor deficiencies. Identified needs include:

- Access and mobility barriers as a result of the expressway system.
- Roadway and safety issues resulting from the varying travel speeds and at-grade access points.
- Multimodal accessibility issues resulting from a lack of appropriate accommodations crossing the high speed and high volume WIS 29 roadway.
- Freight movement issues for area businesses located on both sides of WIS 29 that require safe and convenient WIS 29 access.
- School transportation issues resulting from a rural school district (Pulaski) with students located on both sides of WIS 29, requiring a safe and efficient crossing of the WIS 29 roadway.
- Coordination with local land use/transportation/economic development planning efforts.

Specific proposed project improvements of WisDOT Project ID 9200-10-00 include:

- Closure of the existing at-grade intersection of WIS 29 and County VV. Construction of a diamond interchange at County VV and WIS 29; located approximately 1,700 feet west of the existing County VV/WIS 29 intersection. This interchange would connect with Marley Street to the north and County VV to the south. Roundabouts would be constructed at the County VV/WIS 29 eastbound ramp terminus, and the Marley Street/WIS 29 westbound ramp terminus.
- Evergreen Avenue (existing Milltown Road) would be realigned to intersect with Marley Street at a roundabout located approximately 375 feet south of the existing Millwood Court/Marley Street intersection.

- County VV (Triangle Drive) would be realigned to intersect with a roundabout located approximately 1,000 feet southwest of the roundabout at County VV and the WIS 29 eastbound ramp terminus. A new roadway, Centerline Drive Extension, would be constructed on the south leg of this roundabout, providing a connection to North Overland Road.
- A cul-de-sac would be constructed at the intersection of North Overland Road and Triangle Drive.
- Closure of the WIS 29 intersection with County U (County Line Road). On the north side of WIS 29, County Line Road would end at Glendale Avenue, and on the south side of WIS 29, County Line Road would connect to Old Wisconsin 29.

A project location map and preliminary project plans are presented in Attachment 3.

## Wetland Impacts

The proposed action will impact 5.497 acres of wetlands. Affected wetlands are located along Old Hwy 29/County U and at the proposed WIS 29/County VV interchange (see Attachment 3.2). The No Build Alternative would avoid wetlands, but this alternative was eliminated from consideration because it would not address project purpose and need. In order to construct the interchange to meet project purpose and need, it is not practicable or feasible to avoid wetland impacts. Proposed work in wetland areas associated with the proposed preferred alternative would consist of filling existing wetlands and constructing ditches within wetlands to accommodate roadway reconstruction.

Table 1 summarizes proposed wetland impacts, and Table 2 describes the impacts in more detail.

**Table 1: Summary of Permanent Wetland Impacts**

| Wetland                                                                                                                                                                                                                    | Wetland Types* and Impacts |       |       |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------|-------|-------|-------|-------|
|                                                                                                                                                                                                                            | FARMED WM(D)               | WM(D) | WM    | WS    | SM(D) | SM    |
| Outside of exterior boundary of the Oneida Nation reservation                                                                                                                                                              |                            |       |       |       |       |       |
| 7                                                                                                                                                                                                                          | -                          | -     | 0.015 | -     | -     | -     |
| 8                                                                                                                                                                                                                          | -                          | -     | 0.137 | -     | -     | -     |
| 12                                                                                                                                                                                                                         | -                          | 0.086 | -     | -     | -     | -     |
| 13                                                                                                                                                                                                                         | -                          | 2.223 | -     | -     | -     | -     |
| 21                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.046 | -     |
| 22                                                                                                                                                                                                                         | -                          | -     | -     | 0.019 | -     | -     |
| 23                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.003 | -     |
| 24                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.032 | -     |
| 25                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.014 | -     |
| 26                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.151 | -     |
| 27                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.145 | -     |
| 28                                                                                                                                                                                                                         | 0.053                      | -     | -     | -     | -     | -     |
| 29                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.016 | -     |
| 30                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.035 | -     |
| Subtotals                                                                                                                                                                                                                  | 0.053                      | 2.309 | 0.152 | 0.019 | 0.442 | 0     |
| Total outside of reservation: 2.975 acres                                                                                                                                                                                  |                            |       |       |       |       |       |
| Within exterior boundary of the Oneida Reservation                                                                                                                                                                         |                            |       |       |       |       |       |
| 1                                                                                                                                                                                                                          | -                          | -     | -     | 0.033 | -     | -     |
| 2                                                                                                                                                                                                                          | -                          | 0.224 | -     | -     | -     | -     |
| 3                                                                                                                                                                                                                          | -                          | -     | -     | 0.054 | -     | -     |
| 4                                                                                                                                                                                                                          | -                          | 0.136 | -     | -     | -     | -     |
| 5                                                                                                                                                                                                                          | -                          | 0.006 | -     | -     | -     | -     |
| 6                                                                                                                                                                                                                          | -                          | -     | -     | -     | -     | 0.033 |
| 9                                                                                                                                                                                                                          | -                          | -     | -     | -     | 0.07  | -     |
| 10                                                                                                                                                                                                                         | -                          | 0.153 | -     | -     | -     | -     |
| 11                                                                                                                                                                                                                         | 0.148                      | -     | -     | -     | -     | -     |
| 14                                                                                                                                                                                                                         | 0.303                      | -     | -     | -     | -     | -     |
| 15                                                                                                                                                                                                                         | 0.119                      | -     | -     | -     | -     | -     |
| 16                                                                                                                                                                                                                         | 1.038                      | -     | -     | -     | -     | -     |
| 17                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.009 | -     |
| 18                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.087 | -     |
| 19                                                                                                                                                                                                                         | -                          | -     | 0.051 | -     | -     | -     |
| 20                                                                                                                                                                                                                         | -                          | -     | -     | -     | 0.058 | -     |
| Subtotals                                                                                                                                                                                                                  | 1.608                      | 0.519 | 0.051 | 0.087 | 0.224 | 0.033 |
| Total within reservation: 2.522 acres                                                                                                                                                                                      |                            |       |       |       |       |       |
| Total by Type                                                                                                                                                                                                              | 1.661                      | 2.828 | 0.203 | 0.106 | 0.666 | 0.033 |
| Total Wetlands Impacted=                                                                                                                                                                                                   |                            | 5.497 |       |       |       |       |
| *Wetland types are based on WisDOT's Wetland Mitigation Technical Guideline:<br>WM(D)-Wet Meadow Degraded Wetlands<br>WM-Wet Meadow Degraded Wetlands<br>WS_Wooded Swamp Wetlands<br>SM(D)-Shallow Marsh Degraded Wetlands |                            |       |       |       |       |       |

**Table 2: Wetlands Impacts, Detailed Summary**

|                                                                                                                                                                                                                              |                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland 1 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 04 - 24 - 19<br><u>Fill Impact:</u> 0.033 acres<br><u>Type:</u> WS<br><u>Latitude:</u> 44.584716 <u>Longitude:</u> 88.192692            | <b>Wetland 2 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 04 - 24 - 19<br><u>Fill Impact:</u> 0.224 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.584471 <u>Longitude:</u> 88.191822         |
| <b>Wetland 3 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 04 - 24 - 19<br><u>Fill Impact:</u> 0.054 acres<br><u>Type:</u> WS<br><u>Latitude:</u> 44.583485 <u>Longitude:</u> 88.190502            | <b>Wetland 4 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 04 - 24 - 19<br><u>Fill Impact:</u> 0.136 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.583272 <u>Longitude:</u> 88.190567         |
| <b>Wetland 5 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 04 - 24 - 19<br><u>Fill Impact:</u> 0.006 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.582982 <u>Longitude:</u> 88.190439         | <b>Wetland 6 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.033 acres<br><u>Type:</u> SM<br><u>Latitude:</u> 44.582621 <u>Longitude:</u> 88.190114            |
| <b>Wetland 7</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.015 acres<br><u>Type:</u> WM<br><u>Latitude:</u> 44.580142 <u>Longitude:</u> 88.180153                                   | <b>Wetland 8</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.137 acres<br><u>Type:</u> WM<br><u>Latitude:</u> 44.579108 <u>Longitude:</u> 88.177445                                   |
| <b>Wetland 9 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.07 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.578518 <u>Longitude:</u> 88.177464          | <b>Wetland 10 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.153 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.577415 <u>Longitude:</u> 88.17512         |
| <b>Wetland 11 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.148 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.577161 <u>Longitude:</u> 88.175579        | <b>Wetland 12</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.086 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.578261 <u>Longitude:</u> 88.174635                               |
| <b>Wetland 13</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 2.223 acres<br><u>Type:</u> WM(D)<br><u>Latitude:</u> 44.578143 <u>Longitude:</u> 88.173039                               | <b>Wetland 14 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.303 acres<br><u>Type:</u> FARMED WM(D)<br><u>Latitude:</u> 44.576089 <u>Longitude:</u> 88.173703 |
| <b>Wetland 15 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.119 acres<br><u>Type:</u> FARMED WM(D)<br><u>Latitude:</u> 44.574715 <u>Longitude:</u> 88.175375 | <b>Wetland 16 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 1.038 acres<br><u>Type:</u> FARMED WM(D)<br><u>Latitude:</u> 44.575447 <u>Longitude:</u> 88.171766 |
| <b>Wetland 17 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.009 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.57627 <u>Longitude:</u> 88.171442         | <b>Wetland 18 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.087 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.575252 <u>Longitude:</u> 88.168943        |

**Table 2: Wetlands Impacts, Detailed Summary (cont'd)**

|                                                                                                                                                                                                                     |                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland 19 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 11 - 24 - 19<br><u>Fill Impact:</u> 0.0511 acres<br><u>Type:</u> WM<br><u>Latitude:</u> 44.574725 <u>Longitude:</u> 88.167374 | <b>Wetland 20 (within Oneida Nation)</b><br><u>Location (Section-Township-Range):</u> 11 - 24 - 19<br><u>Fill Impact:</u> 0.058 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.573726 <u>Longitude:</u> 88.1649 |
| <b>Wetland 21</b><br><u>Location (Section-Township-Range):</u> 11 - 24 - 19<br><u>Fill Impact:</u> 0.046 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.574241 <u>Longitude:</u> 88.164257                      | <b>Wetland 22</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.019 acres<br><u>Type:</u> WS<br><u>Latitude:</u> 44.57495 <u>Longitude:</u> 88.159583                          |
| <b>Wetland 23</b><br><u>Location (Section-Township-Range):</u> 11 - 24 - 19<br><u>Fill Impact:</u> 0.003 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.574505 <u>Longitude:</u> 88.164066                      | <b>Wetland 24</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.032 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.574968 <u>Longitude:</u> 88.16538                       |
| <b>Wetland 25</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.014 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.575086 <u>Longitude:</u> 88.165751                      | <b>Wetland 26</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.151 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.576745 <u>Longitude:</u> 88.169472                      |
| <b>Wetland 27</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.145 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.579036 <u>Longitude:</u> 88.170033                      | <b>Wetland 28</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.053 acres<br><u>Type:</u> FARMED WM(D)<br><u>Latitude:</u> 44.580163 <u>Longitude:</u> 88.169293               |
| <b>Wetland 29</b><br><u>Location (Section-Township-Range):</u> 03 - 24 - 19<br><u>Fill Impact:</u> 0.016 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.582444 <u>Longitude:</u> 88.170293                      | <b>Wetland 30</b><br><u>Location (Section-Township-Range):</u> 02 - 24 - 19<br><u>Fill Impact:</u> 0.035 acres<br><u>Type:</u> SM(D)<br><u>Latitude:</u> 44.582435 <u>Longitude:</u> 88.170124                      |

### **Wetland Avoidance and Minimization**

Due to the scattered location of wetlands in the highway corridor, proximity of wetlands to the proposed interchange and highway mainline, and scope of proposed improvements, it is not possible to completely avoid wetland impacts. A lower level of improvement would not address project purpose and need.

Several alignment alternatives were evaluated throughout the design process in an attempt to minimize wetland disturbance. Wetland impacts were minimized by steepening side slopes from 4:1 to 3:1 outside of the clear zone for fill sections greater than 15' in height.

As part of the alternative analysis for the project, WisDOT worked closely the DNR to avoid/minimize impacts to wetlands. Evergreen Avenue was initially aligned to intersect Marley Street across from Millwood Court. However, due to the wooded wetlands that this alignment would have impacted, the Evergreen Ave intersection with Marley Street was shifted approximately 350 feet to the south to avoid the wooded wetlands across from Millwood Court.

In addition, the median along County VV south of WIS 29, and the median along Marley Street, north of WIS 29, was narrowed from 20 feet to the minimum width of 8 feet, to minimize the wetland impacts along County VV and Marley Street.

**Wetland Mitigation Site**

Wetland impacts will be mitigated in accordance with the WisDOT Wetland Mitigation Banking Technical Guidelines. All affected wetlands are within existing or proposed WisDOT right-of-way. There are no feasible opportunities to mitigate within the existing right-of-way. Wetlands impacted by the proposed project will be mitigated through the purchase of credits at WisDOT's Peshtigo Brook Phase 2 site.

**Stream Impacts**

An unnamed stream/drainage area to Trout Creek would be impacted by the proposed action by extending an existing culvert beneath County VV/Triangle Drive. Discharge into the unnamed creek is generally from overland flow. There are no identifiable dischargers or receivers within ½ mile of the project site. Proposed mitigation strategies for Trout Creek watershed impacts would include routing drainage north of North Overland Road into a pond to control the flow of water into an existing agricultural ditch. Ponds that would discharge water into the Trout Creek watershed would have thermal treatment to cool the pond water.



# Wisconsin Department of Transportation

Revised 12/2018

Division of Transportation System Development

## WETLAND IMPACT TRACKING FORM

**\*\*This form must be filled out for all projects.\*\***

### Return This Completed Form to:

Jennifer Gibson  
Environmental Coordinator  
WisDOT-NE Region  
944 Vanderperren Way  
Green Bay, WI, 54304  
Phone: (920) 492-4160  
Jennifer.Gibson@dot.wi.gov

**Please Complete All  
Information Highlighted In  
Yellow**

**WisDOT Regional  
Environmental Coordinator  
(REC) Will Complete Sections  
Highlighted In Green**

Project Design I.D. #: 9200-10-00  
Project Construction I.D. #: 9200-10-71/72  
Hwy/Project Title : STH 29: Shawano - Green Bay  
CTH VV Interchange  
County : Brown/Outagamie  
Construction Year : 2021/2022  
Let Date: September 8, 2020  
Date this form is completed: 10/23/19  
Date this form is approved: 10/23/2019

This Form Prepared by: Phil Verville III, Ayres 920-327-7822 [vervillep@ayresassociates.com](mailto:vervillep@ayresassociates.com)  
NAME PHONE EMAIL  
This Form Approved by: Jennifer Gibson 920-492-4160 [Jennifer.Gibson@dot.wi.gov](mailto:Jennifer.Gibson@dot.wi.gov)  
NAME PHONE EMAIL

Is a discharge of dredged or fill material into wetlands anticipated?

NO ☐ ➡ Form complete; no further information is required (RETURN FORM TO REC).

YES ☒ ➡ 1. Complete remainder of form:

After final wetland impacts are determined, complete yellow portions on both pages of this form and submit to REC for finalization and approval. Also provide a copy of wetland impact displays.

2. Include this final APPROVED form with DNR 401 request and USACE 404 permit application.
3. Provide a PDF copy of the USACE 404 permit and DNR 401/final concurrence letter to REC.

Wetland Delineation/  
Determination completed by: James Doperalski Jr. 920-412-0165 [james.Doperalski@wisconsin.gov](mailto:james.Doperalski@wisconsin.gov)  
NAME PHONE EMAIL

WDNR - Environmental Analysis and Review Specialist – Advanced  
QUALIFICATIONS

### Describe methods used to avoid and minimize impacts to wetlands:

Slopes were steepened where possible. Alternative selected minimized wetland impacts.

Was professional discretion  
used to determine debit  
ratio? No ☒ Yes ☐ ➡ Describe discretionary  
rationale below:

### WETLAND IMPACT / REPLACEMENT SUMMARY

| Type Impacted | Area Impacted | Type Mitigated | Area Mitigated |
|---------------|---------------|----------------|----------------|
| AB            | -             | AB             | -              |
| BOG           | -             | BOG            | -              |
| DM            | -             | DM             | -              |
| M             | 0.20          | M              | -              |
| RPE           | -             | RPE            | -              |
| RPF           | -             | RPF            | -              |
| SM            | 0.20          | SM             | -              |
| SS            | -             | SS             | 5.47           |
| WS            | 0.11          | WS             | 0.11           |
| AB(D)         | -             | <b>TOTAL</b>   | <b>5.58</b>    |
| DM(D)         | -             |                |                |
| M(D)          | 4.99          |                |                |
| RPE(D)        | -             |                |                |
| RPF(D)        | -             |                |                |
| SM(D)         | -             |                |                |
| SS(D)         | -             |                |                |
| WS(D)         | -             |                |                |
| <b>TOTAL</b>  | <b>5.50</b>   |                |                |



## WETLAND IMPACT TRACKING FORM - PAGE 2

### DETAILED TABLE OF WETLAND IMPACTS

**Notes for Page 2 completion:**

1. A wetland area (ID) may be made up of multiple wetland types. Separate the impact area by type and report in separate rows.
2. To add additional rows, right click on row number within the table and select "insert". Repeat as needed.
3. Use Department of Transportation Wetland Classification System. See abbreviations tab.
4. Individual wetland impacts should be reported to the nearest 0.001-acre.
5. The Environmental Coordinator will enter the appropriate debit ratio, mitigation type, area, and bank information.
6. Impacts and mitigation are automatically summed by type and rounded to the nearest 0.01-acre. See page 1.

| Point # | Wetland ID | Impact Location<br>(project station) | Decimal Degrees |           | Type<br>Impacted | Area<br>Impacted | DOT REC will provide this<br>information. |                   |                   |
|---------|------------|--------------------------------------|-----------------|-----------|------------------|------------------|-------------------------------------------|-------------------|-------------------|
|         |            |                                      | Latitude        | Longitude |                  |                  | Debit<br>Ratio                            | Type<br>Mitigated | Area<br>Mitigated |
|         | 1          |                                      | 44.584716       | 88.192692 | WS               | 0.033            | 1.000                                     | WS                | 0.033             |
|         | 2          |                                      | 44.584471       | 88.191822 | M(D)             | 0.224            | 1.000                                     | SS                | 0.224             |
|         | 3          |                                      | 44.583485       | 88.190502 | WS               | 0.054            | 1.000                                     | WS                | 0.054             |
|         | 4          |                                      | 44.583272       | 88.190567 | M(D)             | 0.136            | 1.000                                     | SS                | 0.136             |
|         | 5          |                                      | 44.582982       | 88.190439 | M(D)             | 0.006            | 1.000                                     | SS                | 0.006             |
|         | 6          |                                      | 44.582621       | 88.190114 | SM               | 0.033            | 1.200                                     | SS                | 0.040             |
|         | 7          |                                      | 44.580142       | 88.180153 | M                | 0.015            | 1.200                                     | SS                | 0.018             |
|         | 8          |                                      | 44.579108       | 88.177445 | M                | 0.137            | 1.200                                     | SS                | 0.164             |
|         | 9          |                                      | 44.578518       | 88.177464 | SM               | 0.070            | 1.200                                     | SS                | 0.084             |
|         | 10         |                                      | 44.577415       | 88.17512  | M(D)             | 0.153            | 1.000                                     | SS                | 0.153             |
|         | 11         |                                      | 44.577161       | 88.175579 | M(D)             | 0.148            | 1.000                                     | SS                | 0.148             |
|         | 12         |                                      | 44.578261       | 88.174635 | M(D)             | 0.086            | 1.000                                     | SS                | 0.086             |
|         | 13         |                                      | 44.578143       | 88.173039 | M(D)             | 2.223            | 1.000                                     | SS                | 2.223             |
|         | 14         |                                      | 44.576089       | 88.173703 | M(D)             | 0.303            | 1.000                                     | SS                | 0.303             |
|         | 15         |                                      | 44.574715       | 88.175375 | M(D)             | 0.119            | 1.000                                     | SS                | 0.119             |
|         | 16         |                                      | 44.575447       | 88.171766 | M(D)             | 1.038            | 1.000                                     | SS                | 1.038             |
|         | 17         |                                      | 44.57627        | 88.171442 | SM               | 0.009            | 1.200                                     | SS                | 0.011             |
|         | 18         |                                      | 44.575252       | 88.168943 | SM               | 0.087            | 1.200                                     | SS                | 0.104             |
|         | 19         |                                      | 44.574725       | 88.167374 | M                | 0.051            | 1.200                                     | SS                | 0.061             |
|         | 20         |                                      | 44.573726       | 88.1649   | M(D)             | 0.058            | 1.000                                     | SS                | 0.058             |
|         | 21         |                                      | 44.574241       | 88.164257 | M(D)             | 0.046            | 1.000                                     | SS                | 0.046             |
|         | 22         |                                      | 44.57495        | 88.159583 | WS               | 0.019            | 1.000                                     | WS                | 0.019             |
|         | 23         |                                      | 44.574505       | 88.164066 | M(D)             | 0.003            | 1.000                                     | SS                | 0.003             |
|         | 24         |                                      | 44.574968       | 88.16538  | M(D)             | 0.032            | 1.000                                     | SS                | 0.032             |
|         | 25         |                                      | 44.575086       | 88.165751 | M(D)             | 0.014            | 1.000                                     | SS                | 0.014             |
|         | 26         |                                      | 44.576745       | 88.169472 | M(D)             | 0.151            | 1.000                                     | SS                | 0.151             |
|         | 27         |                                      | 44.579036       | 88.170033 | M(D)             | 0.145            | 1.000                                     | SS                | 0.145             |
|         | 28         |                                      | 44.580163       | 88.169293 | M(D)             | 0.053            | 1.000                                     | SS                | 0.053             |
|         | 29         |                                      | 44.582444       | 88.170293 | M(D)             | 0.016            | 1.000                                     | SS                | 0.016             |
|         | 30         |                                      | 44.582435       | 88.170124 | M(D)             | 0.035            | 1.000                                     | SS                | 0.035             |

**Is there potential for onsite mitigation? If unknown, check with the REC.**

YES

Where is it located? (T/R, station, map)

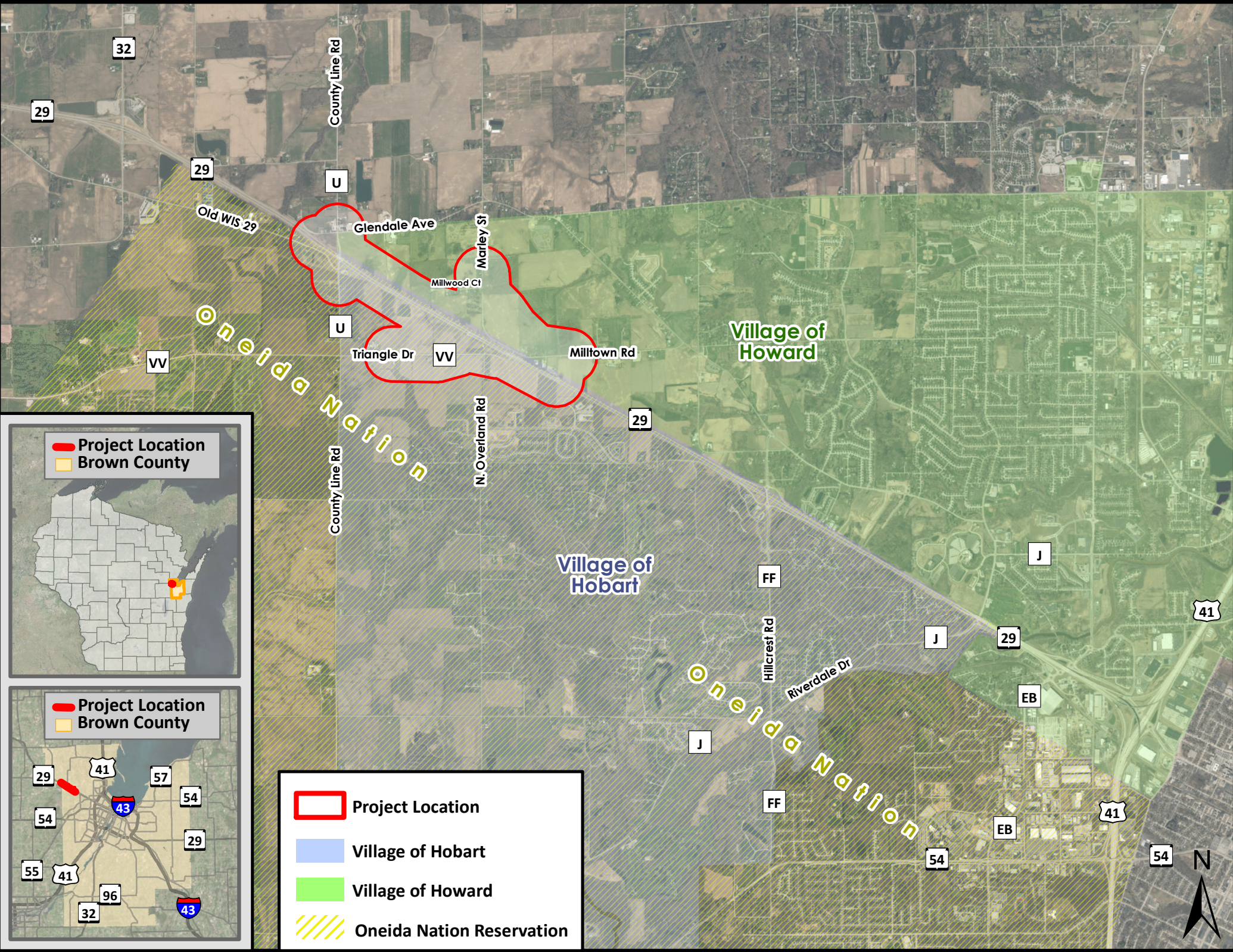
NO

List bank site to be used. (Determined by REC)

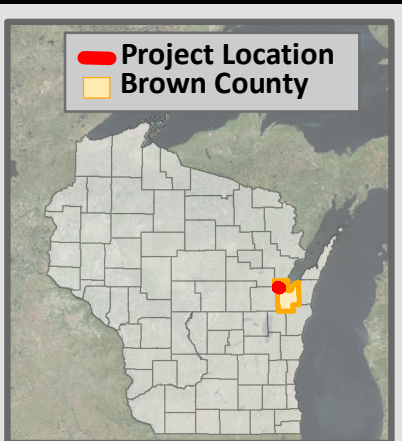
Peshtigo Brook Phase 2

Please attach another sheet if the space provided is not adequate for all impacts or to add any additional comments.

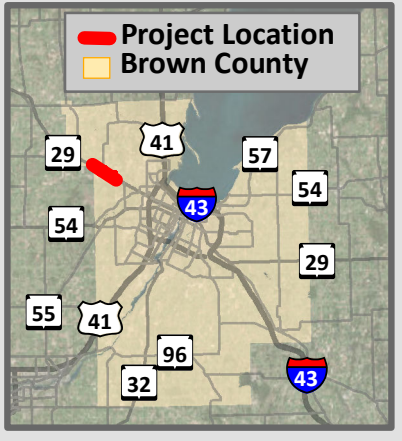
**Attachment 3**  
**Project Location Map and Preliminary Project Plans**



Project Location  
Brown County



Project Location  
Brown County



Project Location  
Village of Hobart  
Village of Howard  
Oneida Nation Reservation

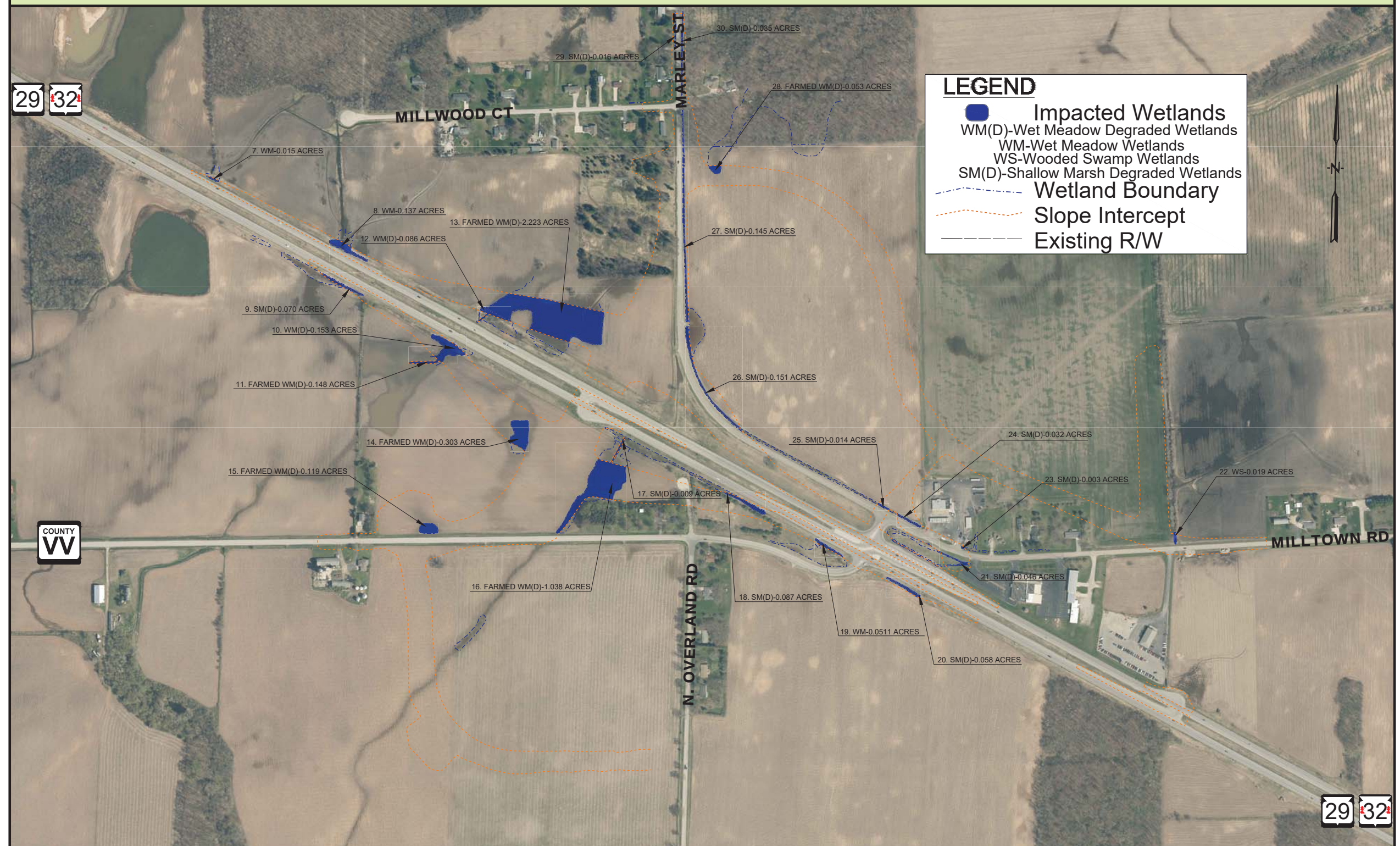
# County U Preferred Alternative Wetland Impacts



**WIS 29/COUNTY VV Interchange, Brown County**



# County VV Preferred Alternative Wetland Impacts



**WIS 29/COUNTY VV Interchange, Brown County**



PROJECT ID: 9200-10-71

COUNTY: BROWN

ORDER OF SHEETS

|             |   |                              |
|-------------|---|------------------------------|
| Section No. | 1 | Title                        |
| Section No. | 2 | Typical Sections and Details |
| Section No. | 3 | Estimate of Quantities       |
| Section No. | 3 | Miscellaneous Quantities     |
| Section No. | 4 | Right of Way Plat            |
| Section No. | 5 | Plan and Profile             |
| Section No. | 6 | Standard Detail Drawings     |
| Section No. | 7 | Sign Plates                  |
| Section No. | 8 | Structure Plans              |
| Section No. | 9 | Computer Earthwork Data      |
| Section No. | 9 | Cross Sections               |

TOTAL SHEETS =



BEGIN PROJECT  
STA. 479+68EB  
Y = 593054.462  
X = 53497.741

| DESIGN DESIGNATION | STH 29    | CTH VV    |
|--------------------|-----------|-----------|
| A.A.D.T. 2021      | = 25,600  | 5,100     |
| A.A.D.T. 2041      | = 32,400  | 11,200    |
| D.H.V. 2041        | = 3,305   | 1,400     |
| D.D.               | = 62 / 38 | 60 / 40   |
| T.                 | = 6.9%    | 10.4%     |
| DESIGN SPEED       | = 75 MPH  | 40 MPH    |
| ESALS              | = N/A     | 2,800,000 |

CONVENTIONAL SYMBOLS

| PLAN                              | PROFILE                                        |
|-----------------------------------|------------------------------------------------|
| CORPORATE LIMITS                  | GRADE LINE                                     |
| PROPERTY LINE                     | ORIGINAL GROUND                                |
| LOT LINE                          | MARSH OR ROCK PROFILE<br>(To be noted as such) |
| LIMITED HIGHWAY EASEMENT          | SPECIAL DITCH                                  |
| EXISTING RIGHT OF WAY             | GRADE ELEVATION                                |
| PROPOSED OR NEW R/W LINE          | CULVERT (Profile View)                         |
| SLOPE INTERCEPT                   | UTILITIES                                      |
| REFERENCE LINE                    | ELECTRIC                                       |
| EXISTING CULVERT                  | FIBER OPTIC                                    |
| PROPOSED CULVERT<br>(Box or Pipe) | GAS                                            |
| COMBUSTIBLE FLUIDS                | SANITARY SEWER                                 |
|                                   | STORM SEWER                                    |
|                                   | TELEPHONE                                      |
|                                   | WATER                                          |
| MARSH AREA                        | UTILITY PEDESTAL                               |
|                                   | POWER POLE                                     |
|                                   | TELEPHONE POLE                                 |
| WOODED OR SHRUB AREA              |                                                |

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

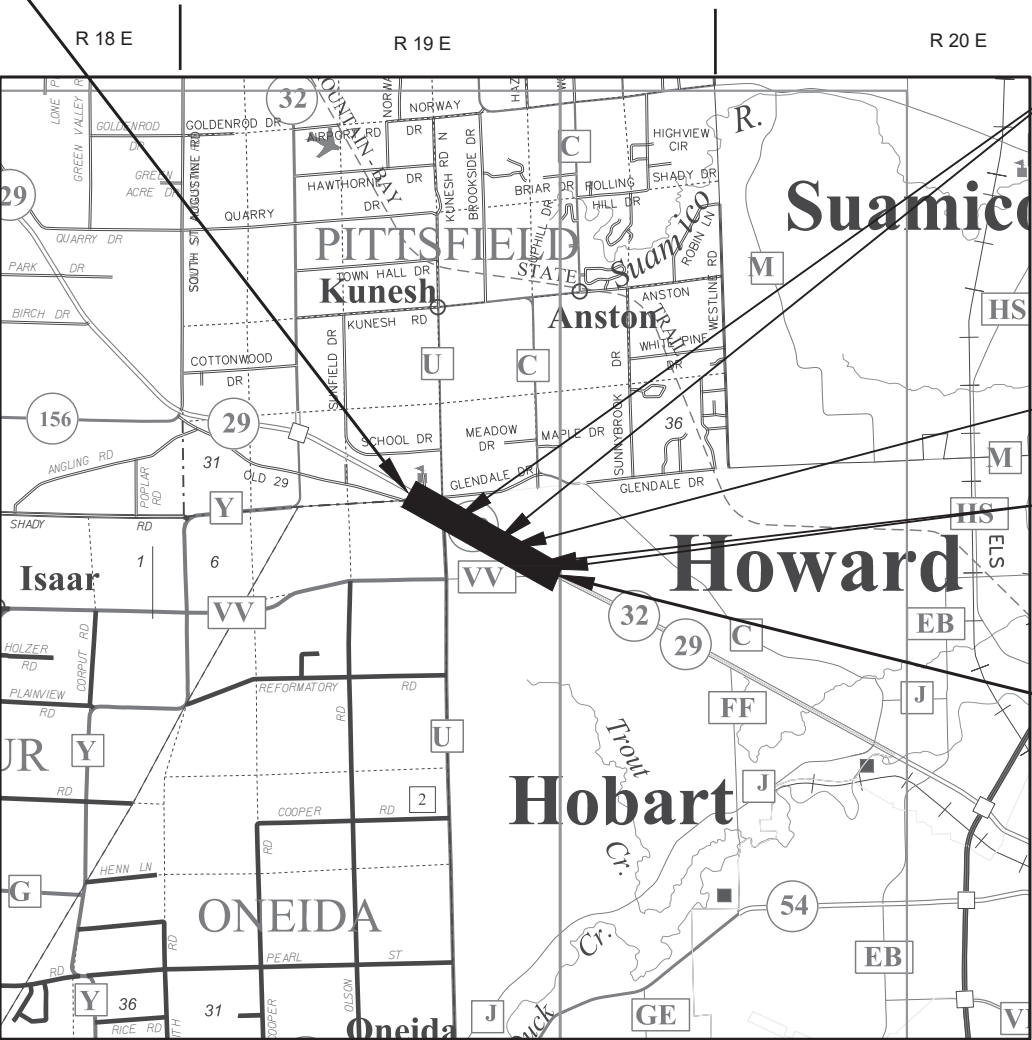
SHAWANO - GREEN BAY

CTH VV INTERCHANGE

STH 29

BROWN COUNTY

| STATE PROJECT NUMBER |
|----------------------|
| 9200-10-71           |



TOTAL NET LENGTH OF CENTERLINE = 1.388 Miles

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN  
COORDINATE REFERENCE SYSTEM (WISCRS), BROWN COUNTY,  
NAD83 ( 1991 ), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID  
COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES  
ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED  
TO NAVD 88 (YEAR). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

| STATE PROJECT | FEDERAL PROJECT |          |
|---------------|-----------------|----------|
|               | PROJECT         | CONTRACT |
| 9200-10-71    |                 |          |
|               |                 |          |
|               |                 |          |
|               |                 |          |

TRANS 220  
PROJECT PLAN  
FOR  
DESIGN OF UTILITY FACILITY  
ALTERATIONS OR RELOCATIONS  
DATE: 10/22/2019

ORIGINAL PLANS PREPARED BY  
**AYRES ASSOCIATES**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

|                     |                   |
|---------------------|-------------------|
| PREPARED BY         |                   |
| Surveyor            | AYRES ASSOCIATES  |
| Designer            | AYRES ASSOCIATES  |
| Project Manager     | MATTHEW TERNES    |
| Regional Examiner   |                   |
| Regional Supervisor | DANIEL SEGERSTROM |

APPROVED FOR THE DEPARTMENT  
DATE: (Signature)

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

FILL, AS SHOWN ON THE PLAN SHEETS, PERTAINS TO EMBANKMENT CONSTRUCTED FROM EXCAVATION COMMON. THE FACTOR USED FOR EXPANDING THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 1.25.

A SAW JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT.

THE EXACT LOCATIONS OF PRIVATE ENTRANCES ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS. BASE AGGREGATE DENSE 3/4-INCH WILL BE USED UNDER ALL DRIVEWAYS.

SAW CUT ASPHALTIC AND CONCRETE DRIVEWAYS AND/OR PARKING LOTS AT THE MATCHLINE AS SHOWN ON THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS, FLOODWAY OR FLOODPLAIN OF ANY WETLANDS, WITH THE EXCEPTION OF EXCAVATION FOR BRIDGE PIER FOOTINGS. THIS EXCAVATED MATERIAL IS TO BE RETURNED TO ITS ORIGINAL LOCATION AFTER CONSTRUCTION.

PLACE EROSION CONTROL DEVICES IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER. EROSION CONTROL FEATURES ARE SHOWN AT APPROXIMATE LOCATIONS, WITH EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER. REMOVAL OF ITEMS ARE INCIDENTAL TO THE RESPECTIVE EROSION CONTROL BID ITEM COSTS.

PLACE SALVAGED TOPSOIL OR TOPSOIL IN ALL GRADED AREAS AS DESIGNATED BY THE ENGINEER IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED. SEED, MULCH AND FERTILIZE ALL AREAS 5 DAYS AFTER PLACEMENT OF SALVAGED TOPSOIL OR TOPSOIL.

CLEAR AND GRUB TO THE RIGHT-OF-WAY, UNLESS OTHERWISE NOTED.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL BY THE ENGINEER. FINAL LIMITS OF FENCE REMOVAL TO BE DETERMINED BY THE ENGINEER.

STATIONING, DISTANCES, AND OFFSETS FOR SIGNS AND TRAFFIC CONTROL DEVICES SHOWN IN THE PLANS ARE APPROXIMATE. EXACT LOCATIONS ARE DETERMINED BY THE ENGINEER.

RESHAPE AND SEEDING OF ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE ENGINEER DETERMINED CONSTRUCTION LIMITS ARE INCIDENTAL TO THE CONTRACT.

STANDARD ABBREVIATIONS

|                |                                  |
|----------------|----------------------------------|
| ABUT           | ABUTMENT                         |
| AC             | ACRE                             |
| AGG            | AGGREGATE                        |
| AH             | AHEAD                            |
| ET AL          | AND OTHERS                       |
| BK             | BACK                             |
| BLDG           | BUILDING                         |
| BLK            | BLOCK                            |
| BR             | BRIDGE                           |
| CB             | CATCH BASIN                      |
| C/L            | CENTERLINE                       |
| Δ              | CENTRAL ANGLE OR DELTA           |
| CE             | COMMERCIAL ENTRANCE              |
| CONC           | CONCRETE                         |
| CPCA           | CULVERT PIPE CORRUGATED ALUMINUM |
| CPCS           | CULVERT PIPE CORRUGATED STEEL    |
| CTH            | COUNTY TRUNK HIGHWAY             |
| CR             | CREEK                            |
| CP             | CULVERT PIPE                     |
| C & G          | CURB AND GUTTER                  |
| D              | DEGREE OF CURVE                  |
| DNV            | DESIGN HOURLY VOLUME             |
| DIA            | DIAMETER                         |
| DWY            | DRIVEWAY                         |
| E              | EAST                             |
| X              | EAST COORDINATE                  |
| EB             | EASTBOUND                        |
| EL OR ELEV     | ELEVATION                        |
| ENT            | ENTRANCE                         |
| ESALS          | EQUIVALENT SINGLE AXLE LOAD      |
| EXIST          | EXISTING                         |
| F-F            | FACE TO FACE                     |
| FE             | FIELD ENTRANCE                   |
| FG             | FINISHED GRADE                   |
| FT             | FOOT                             |
| INL            | INLET                            |
| INV            | INVERT                           |
| IP             | IRON PIPE OR PIN                 |
| LT             | LEFT                             |
| L              | LENGTH OF CURVE                  |
| LIN. FT OR FT. | LINEAL FOOT                      |
| MH             | MANHOLE                          |
| N/C            | NORMAL CROWN                     |
| NW OR N/W      | NORMAL WATER                     |
| N              | NORTH                            |
| Y              | NORTH COORDINATE                 |
| NB             | NORTHBOUND                       |
| PT             | POINT                            |
| PCC            | POINT OF COMPOUND CURVE          |
| PC             | POINT OF CURVATURE               |
| PI             | POINT OF INTERSECTION            |
| PRC            | POINT OF REVERSE CURVATURE       |
| POC            | POINT ON CURVE                   |
| POT            | POINT OF TANGENT                 |
| R/L            | REFERENCE LINE                   |
| REBAR          | REINFORCED BAR                   |
| REQ'D.         | REQUIRED                         |
| R/W            | RIGHT OF WAY                     |
| R              | RADIUS                           |
| S              | SOUTH                            |
| SB             | SOUTHBOUND                       |
| STH            | STATE TRUNK HIGHWAY              |
| STA            | STATION                          |
| SS             | STORM SEWER                      |
| SE             | SUPERELEVATION                   |
| SURF           | SURFACE                          |
| T              | TANGENT                          |
| TYP            | TYPICAL                          |
| WB             | WESTBOUND                        |

PROJECT AND UTILITY CONTACTS

WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
NORTHEAST REGION HEADQUARTERS  
ATTN: JIM DOPERALSKI JR.  
2984 SHAWANO AVENUE  
P.O. BOX 10488  
GREEN BAY, WI 54307-0448  
PHONE: 920-662-5119  
EMAIL: james.doperalski@wisconsin.gov

WIS. DEPT OF TRANSPORTATION  
NORTHEAST REGION - PRIMARY CONTACT  
ATTN: MATTHEW TERNES-PROJECT MANAGER  
944 VANDERPERRON WAY  
PO BOX 28080  
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AYRES ASSOCIATES  
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ASHWAUBENON, WI 54115  
PHONE: 920-498-1200  
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ATC MANAGEMENT, INC.-ELECTRICITY-TRANMISSION  
ATTN: MIKE OLSEN  
801 O'KEEFE ROAD  
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AT&T WISCONSIN-COMMUNICATION LINE  
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ford\_pj@co.brown.wi.us

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VILLAGE OF HOBART  
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EMAIL: rick@hobart-wi.org

PITTSFIELD SANITARY DISTRICT#1  
ALAN TAUSCHER-SANITARY DISTRICT PRESIDENT  
2100 CR-C  
GREEN BAY, WI 54313  
PHONE: 920-865-7608

GREEN BAY METROPOLITAN SEWERAGE DISTRICT  
C/O ROBERT E. LEE & ASSOCIATES, INC.  
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HOBART, WI 54155  
PHONE: 920-662-9641  
EMAIL: pwelter@releeinc.com

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VINCE ALBIN  
3520 DESTINATION DR  
APPLETON, WI 54915  
PHONE: 920-831-9249  
MOBILE: 920-378-0444  
EMAIL: vince.albin@twcable.com

VILLAGE OF HOWARD - WATER & SANITARY  
MIKE KASTER  
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GREEN BAY, WI 54313  
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EMAIL: mkaster@villageofhoward.com

QWEST  
KEVIN HUFF  
13057 S. MONITOR  
PALOS HEIGHTS, IL 60463  
PHONE: 708-837-7927  
EMAIL: Kevin.huff@qwest.com

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LORI BUTRY  
700 N. ADAMS STREET  
PO BOX 19001  
GREEN BAY, WI 54307-9001  
PHONE: 920-433-1703  
EMAIL: LAButry@integrysgroup.com

WISCONSIN PUBLIC SERVICE CORPORATION - GAS  
LORI BUTRY  
700 N. ADAMS STREET  
PO BOX 19001  
GREEN BAY, WI 54307-9001  
PHONE: 920-433-1703  
EMAIL: LAButry@integrysgroup.com

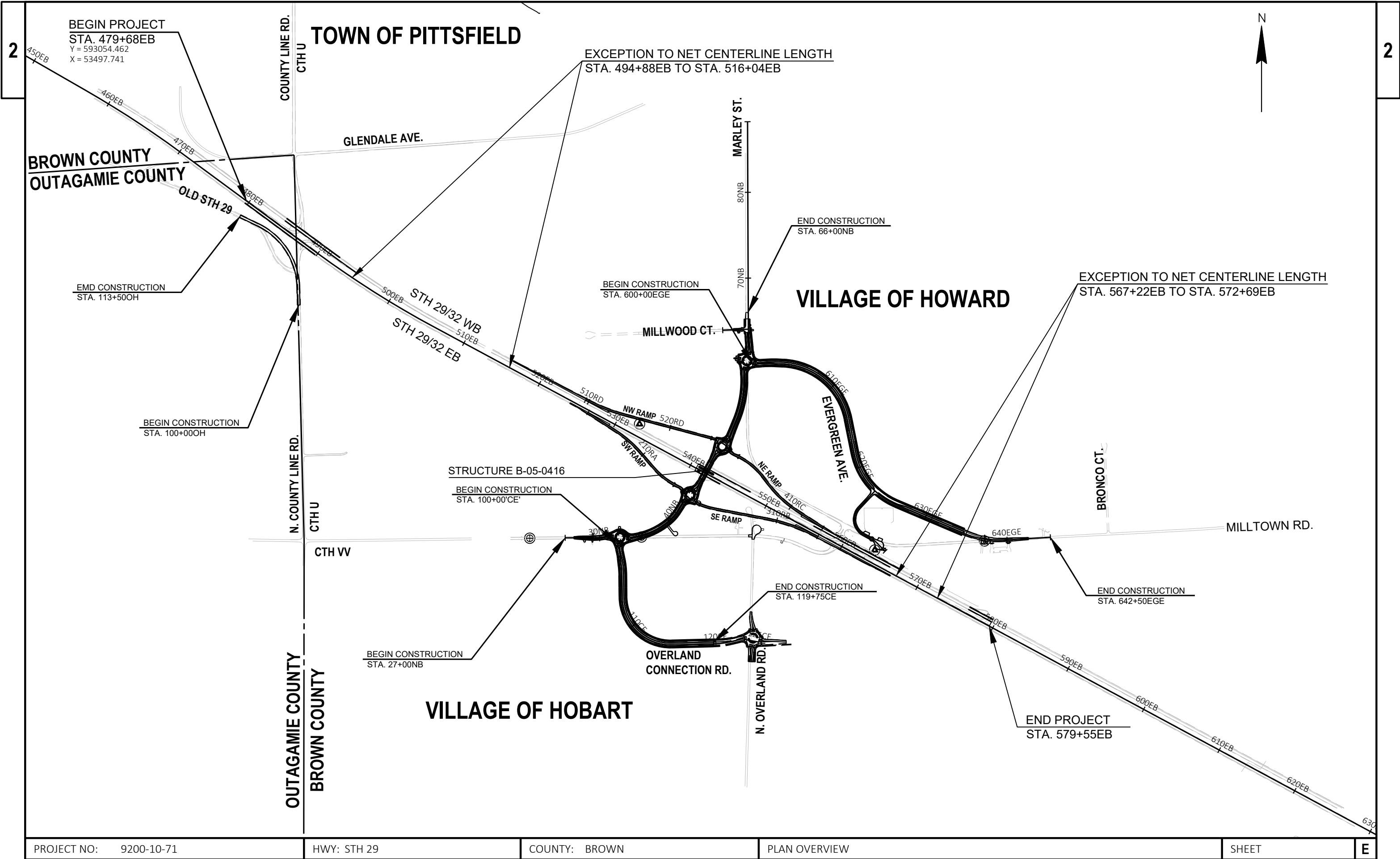


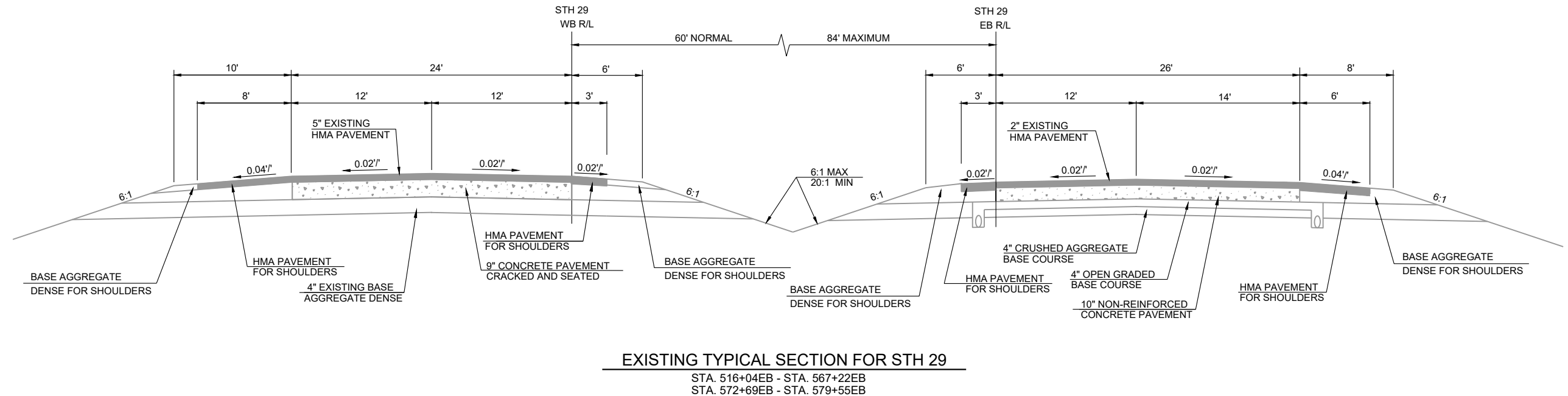
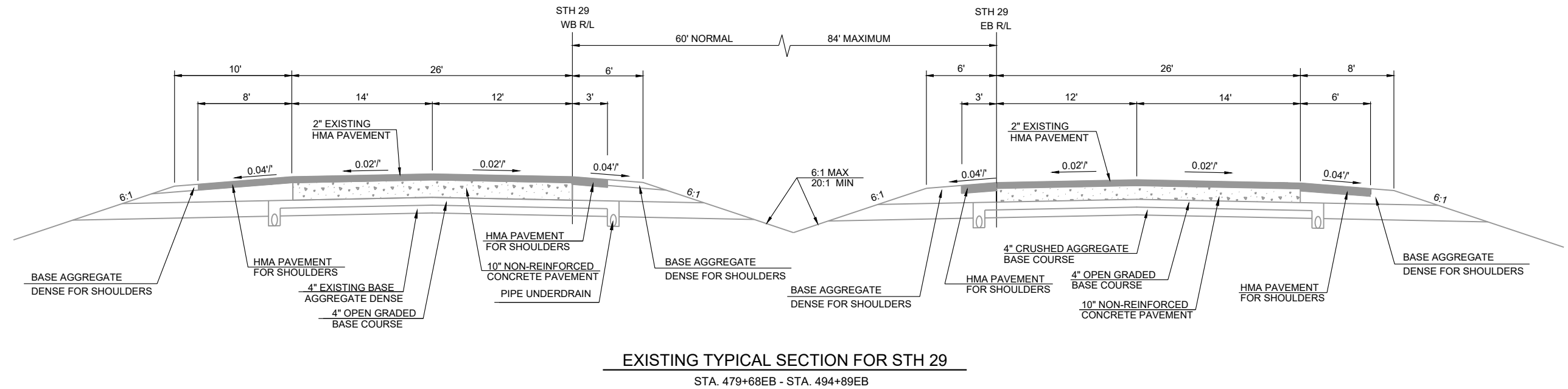
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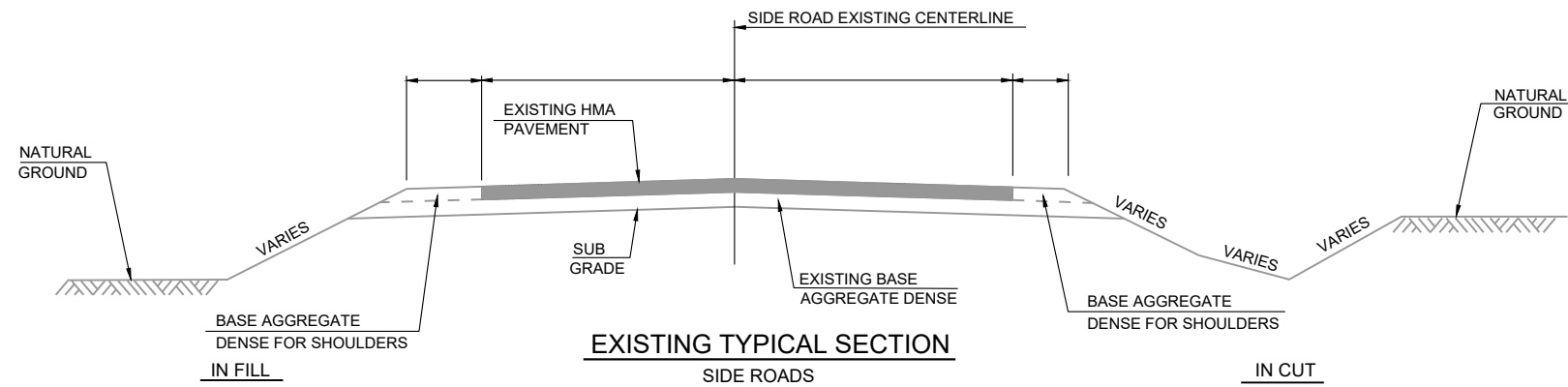
www.DiggersHotline.com

ORDER OF SECTION 2 SHEETS

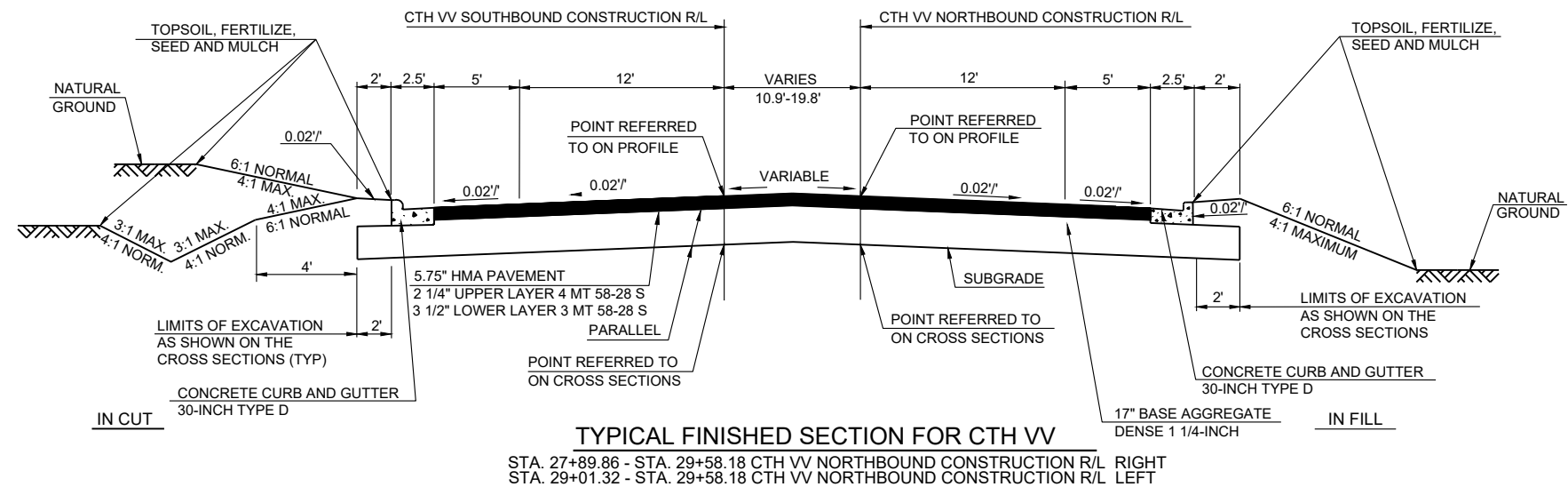
- GENERAL NOTES & CONTACTS
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLAN
- PAVING DETAILS
- SOIL MITIGATION DETAILS
- WETLAND IMPACTS
- EROSION CONTROL
- STORM SEWER
- SIGNING AND MARKING
- SIGNALS PLAN
- TRAFFIC CONTROL
- STAGE CONSTRUCTION
- TRAFFIC CONTROL
- FENCING
- ALIGNMENT DIAGRAMS

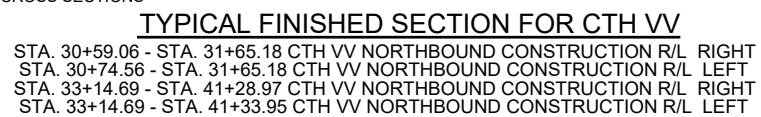


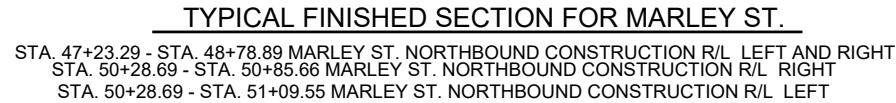
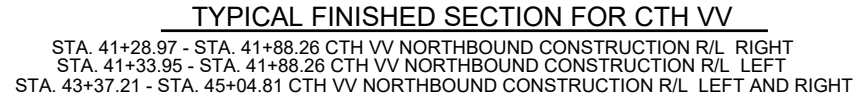


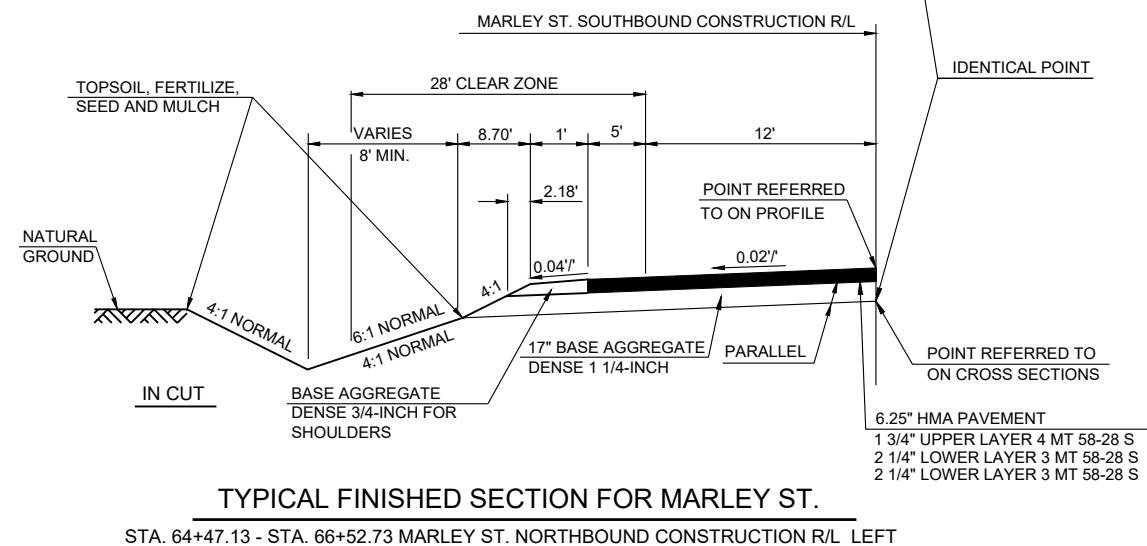
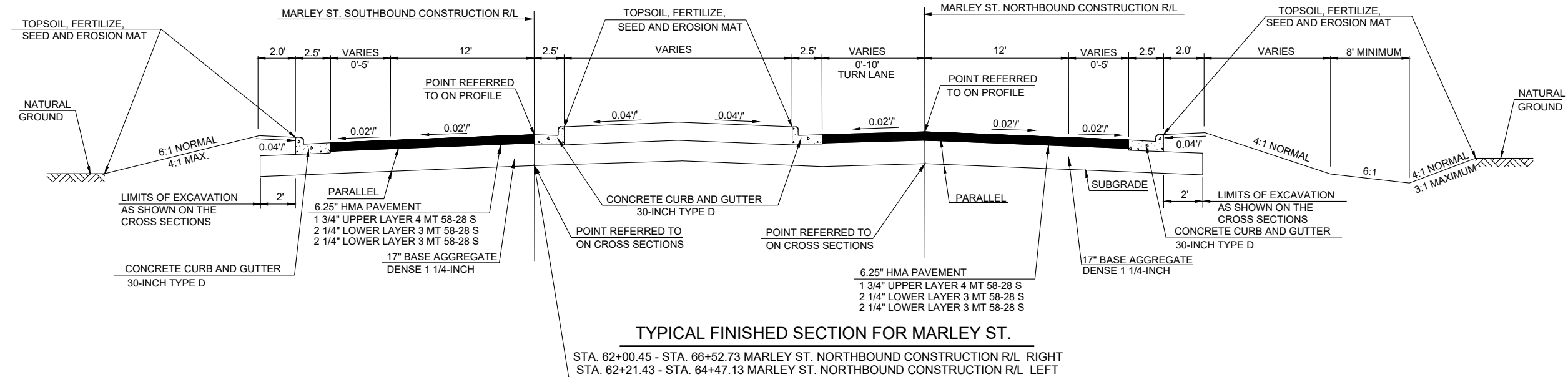
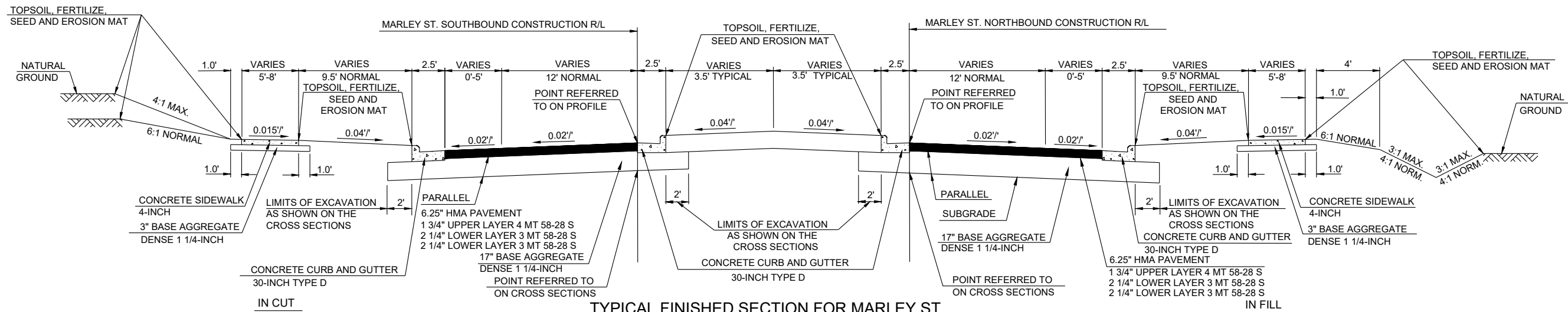


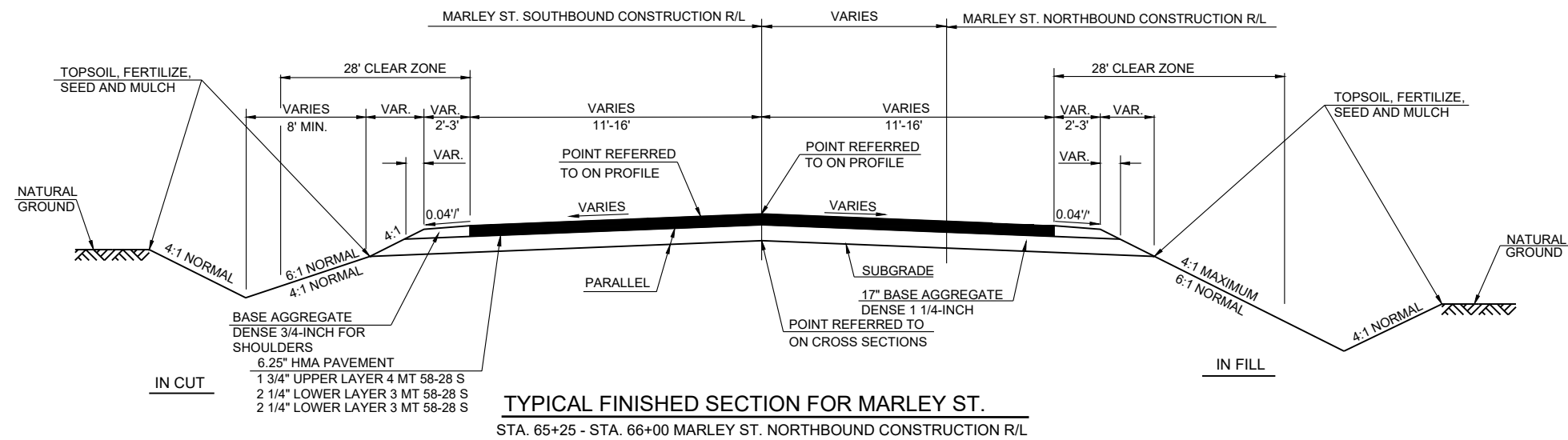
| ROADWAY NAME    | LOCATION     | MATERIAL TYPE         | BASE AGGREGATE DEPTH | ASPHALT DEPTH | CONCRETE DEPTH | ROADWAY WIDTH | PAVED SHOULDER WIDTH | BASE AGGREGATE SHOULDER WIDTH |        |
|-----------------|--------------|-----------------------|----------------------|---------------|----------------|---------------|----------------------|-------------------------------|--------|
|                 |              |                       |                      |               |                |               |                      | LEFT                          | RIGHT  |
| CTH U           | S. OF STH 29 | ASPHALT               | 5"-24"               | 7"-13"        | ----           | 24'           | 3'                   | 2'-4'                         | 2'-4'  |
| CTH U           | N. OF STH 29 | ASPHALT               | 28"-32"              | 5"-8"         | ----           | 24'           | ----                 | 7'-8'                         | 3'-4'  |
| OLD STH 29 ROAD |              | ASPHALT OVER CONCRETE | 11"-15"              | 2"            | 9"             | 24'           | ----                 | 8'-10'                        | 8'-10' |
| CTH VV          |              | ASPHALT               | 3"-9"                | 9"-13"        | ----           | 24'           | ----                 | 2'-3'                         | 2'-3'  |
| N. OVERLAND RD. |              | ASPHALT               | ----                 | ----          | ----           | 20'-22'       | ----                 | 0'-2'                         | 0'-2'  |
| MARLEY ST.      |              | ASPHALT               | 8"-17"               | 11"-15"       | ----           | 22'           | ----                 | 2'-4'                         | 2'-4'  |
| MILLWOOD CT.    |              | ASPHALT               | -----                | ----          | ----           | 22'           | ----                 | 3'-4'                         | 3'-4'  |
| MILLTOWN RD.    |              | ASPHALT               | 8"-27"               | 7"-12"        | ----           | 22'-24'       | ----                 | 2'-4'                         | 2'-4'  |
|                 |              |                       |                      |               |                |               |                      |                               |        |
|                 |              |                       |                      |               |                |               |                      |                               |        |

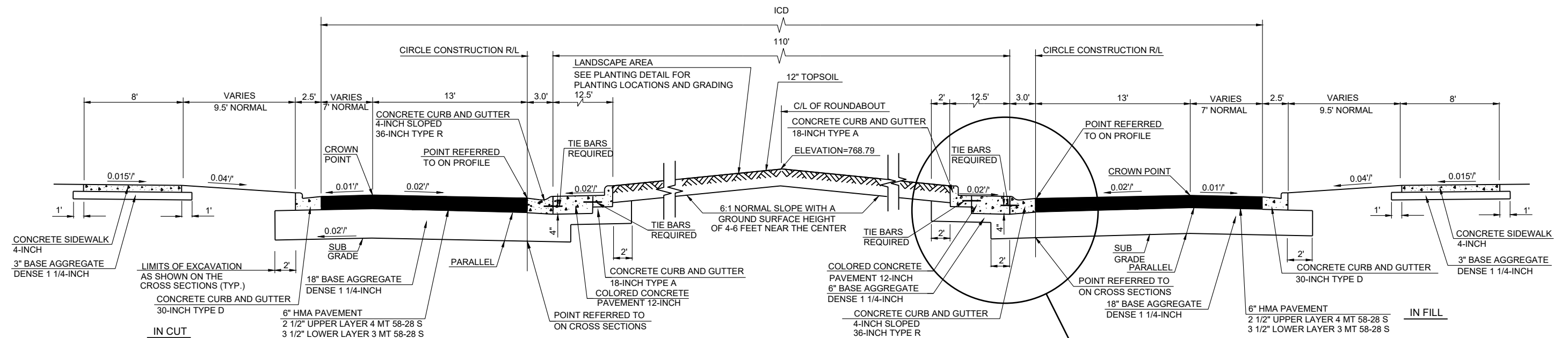




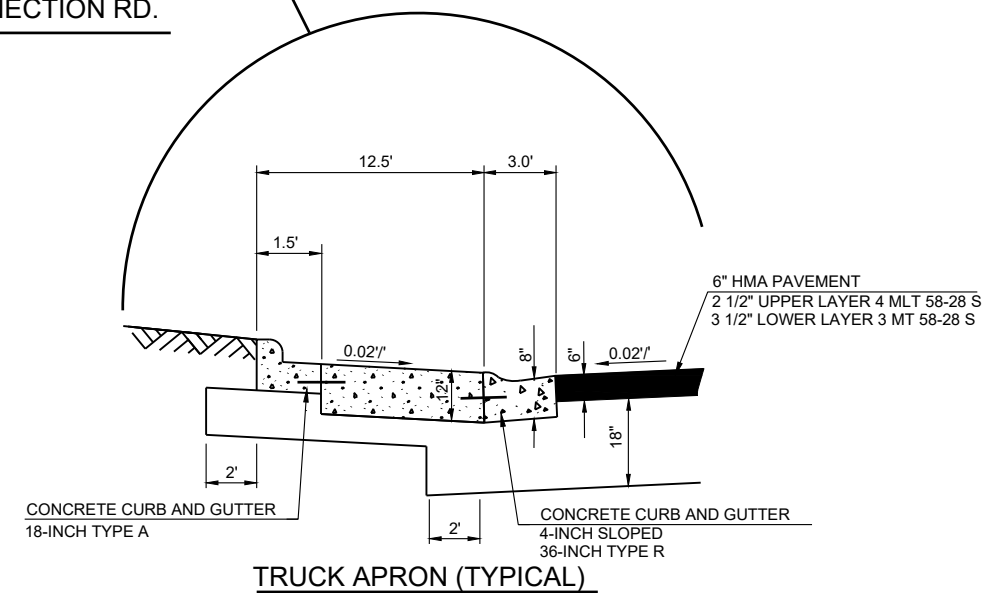


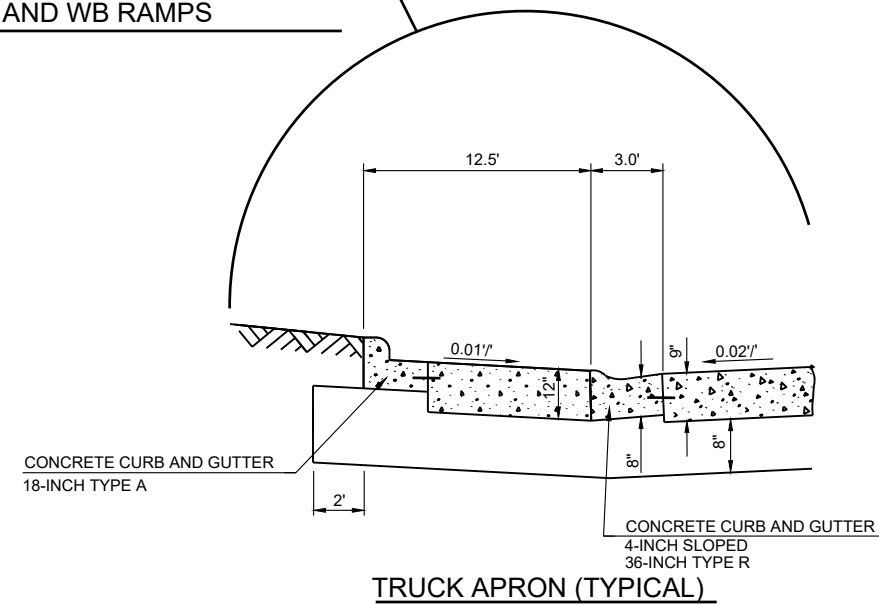


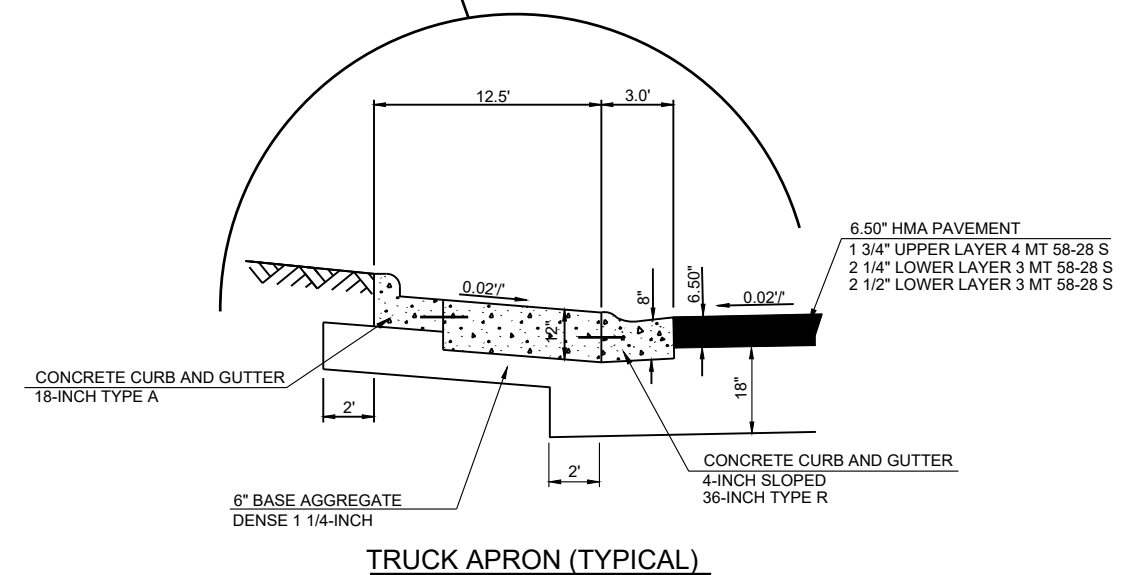


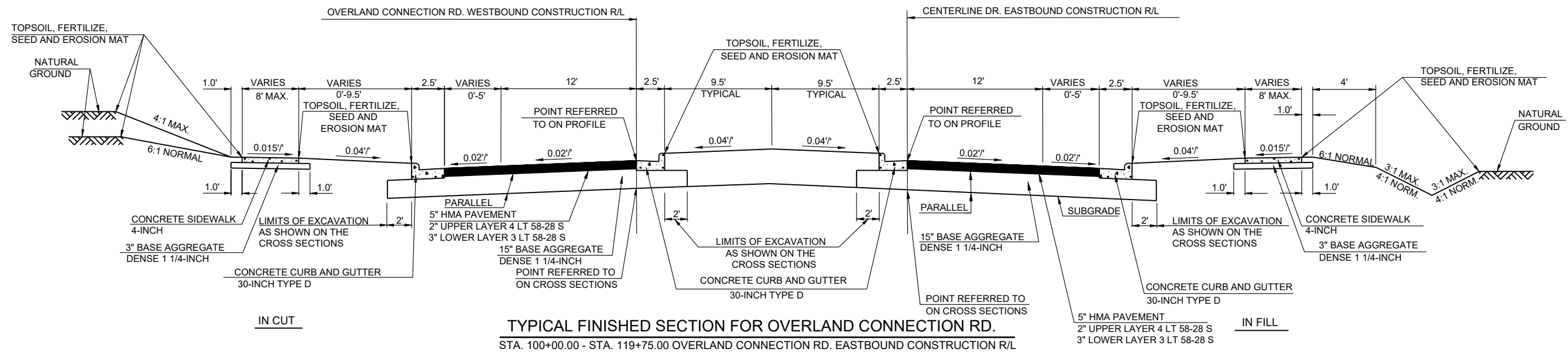
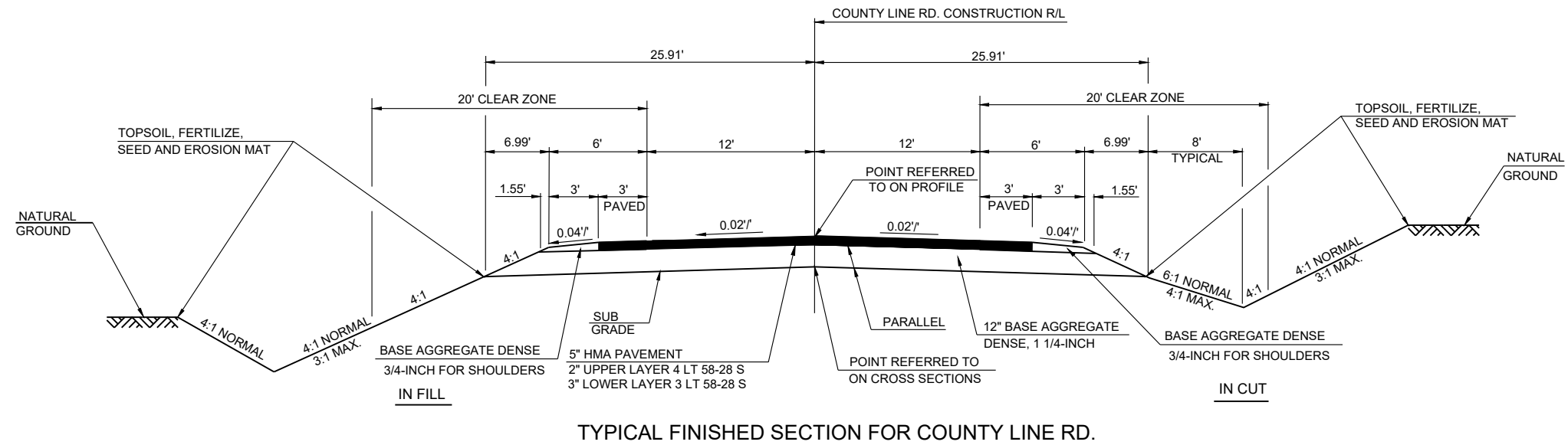


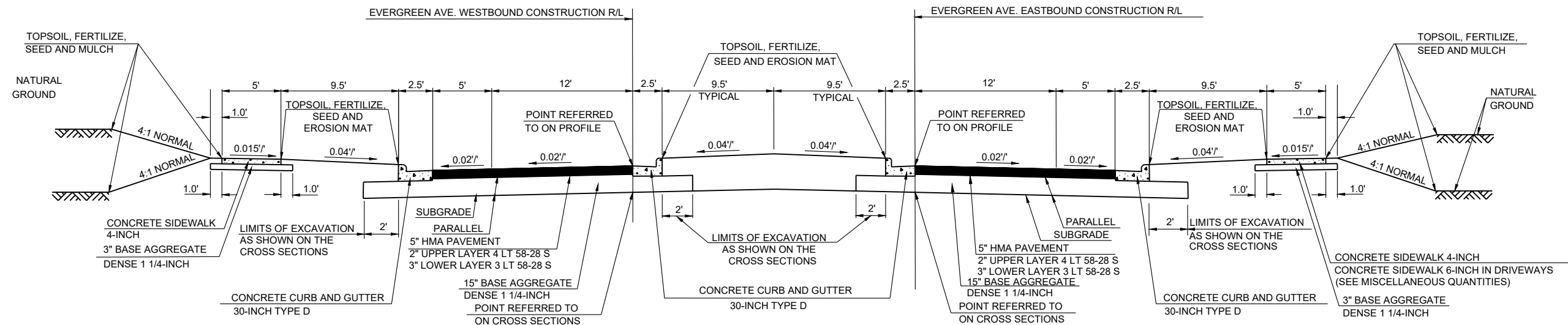
TYPICAL FINISHED SECTION FOR CTH VV/OVERLAND CONNECTION RD.  
ROUNDOUT DETAIL





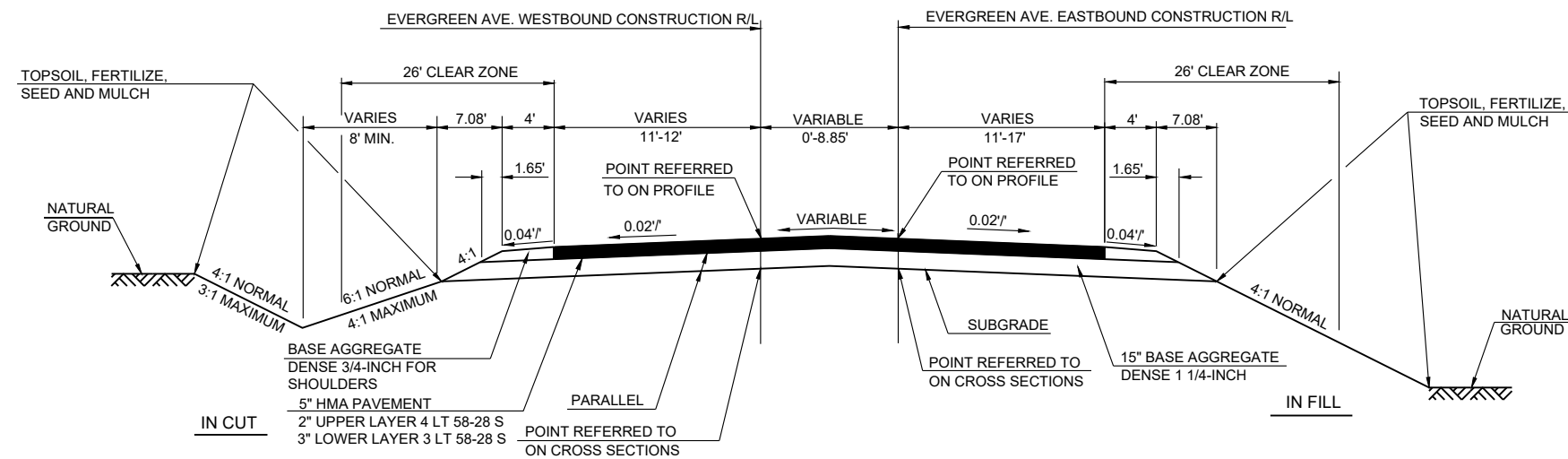






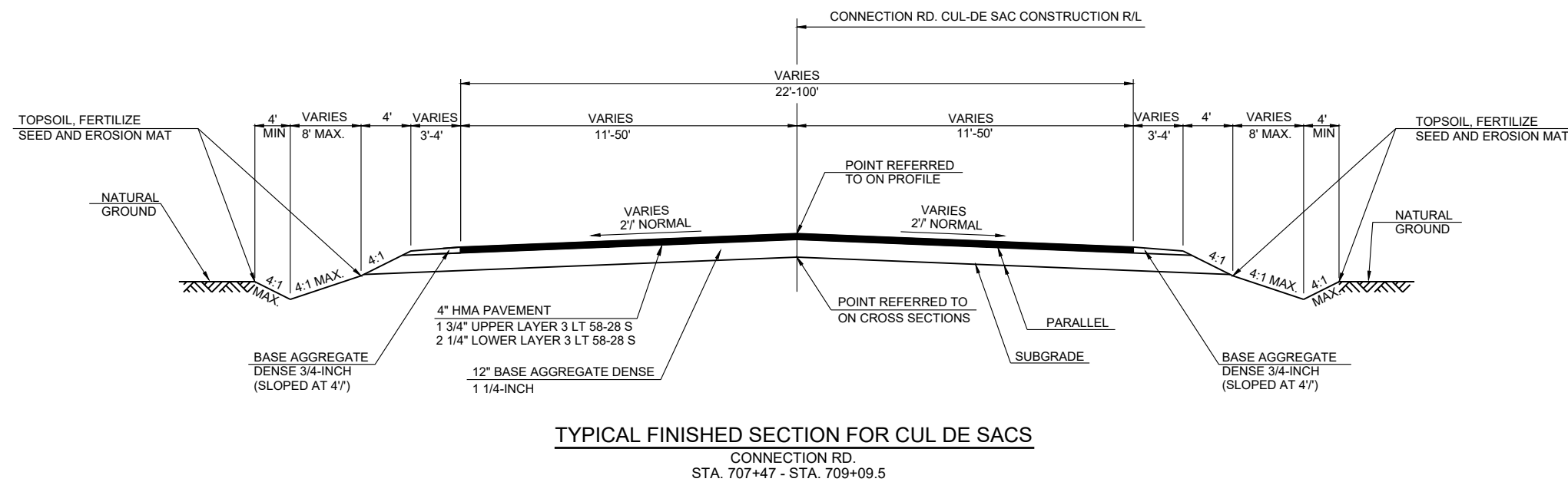
**TYPICAL FINISHED SECTION FOR EVERGREEN AVE.**

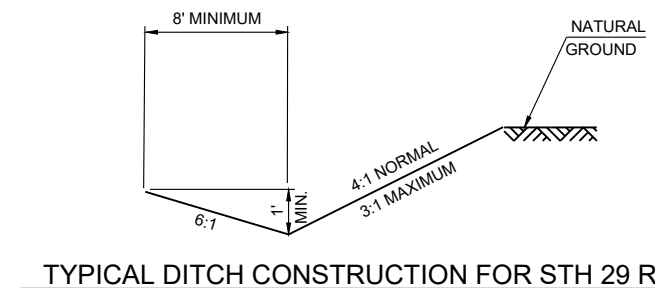
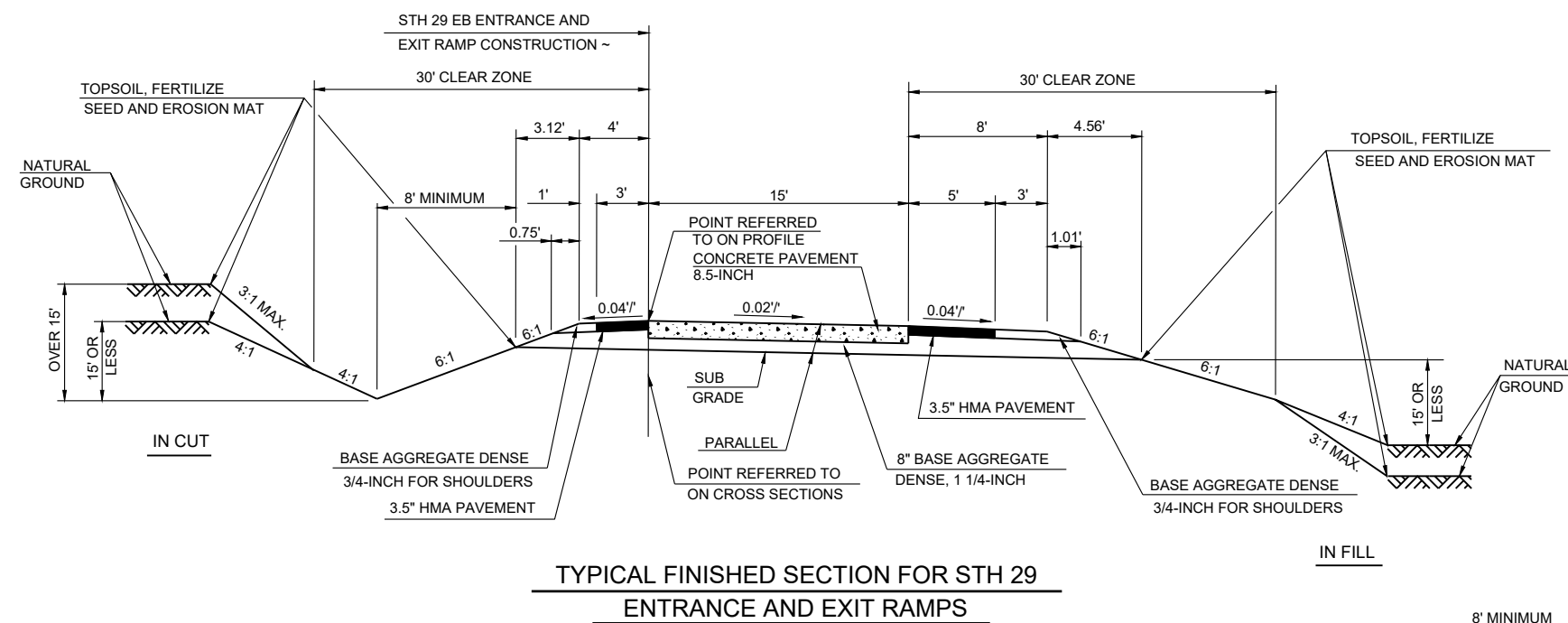
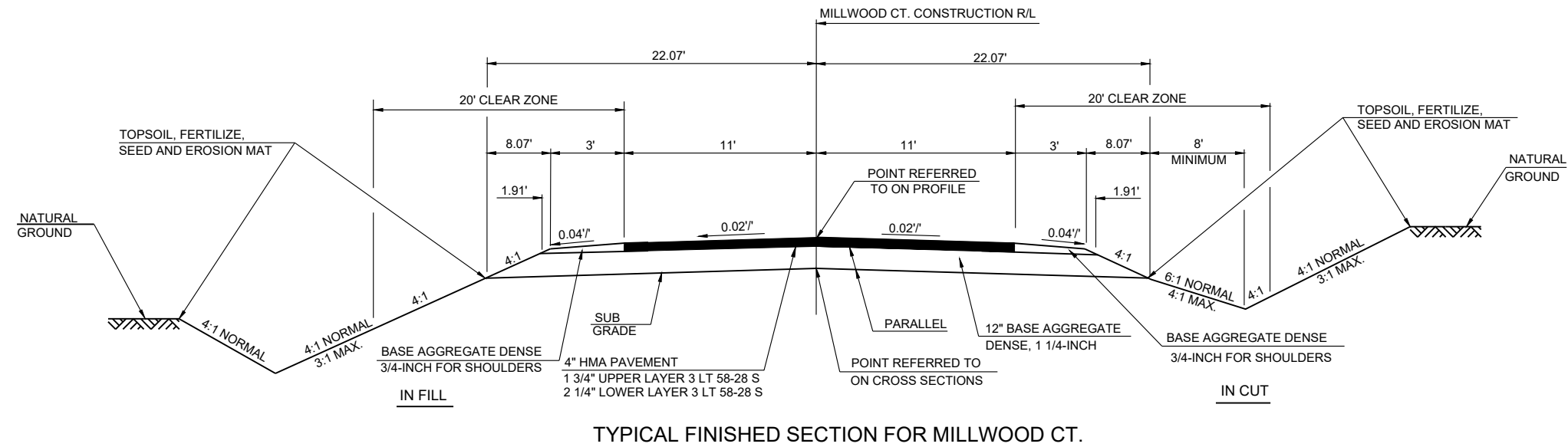
STA. 600+00.00 - STA. 634+74.20 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L

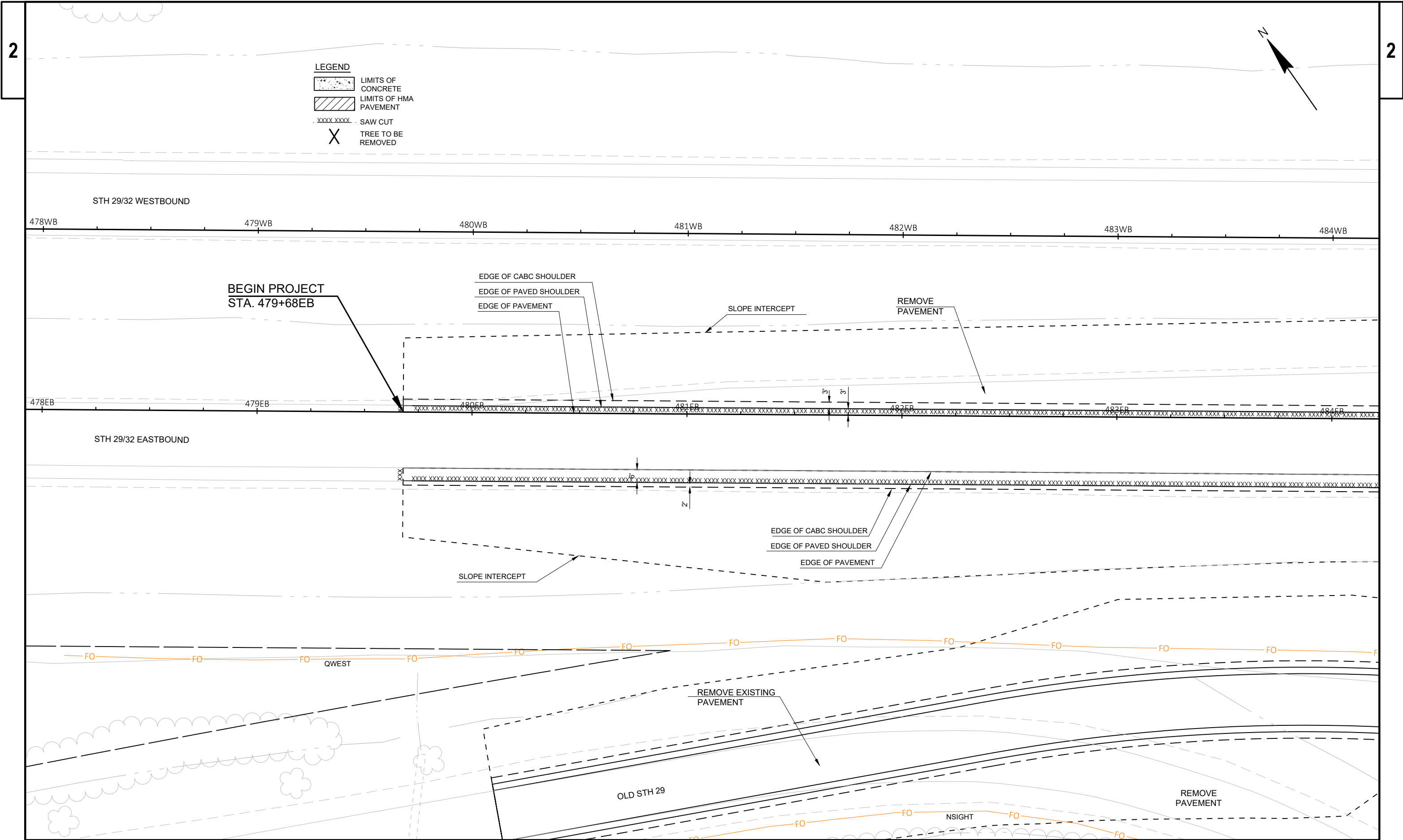


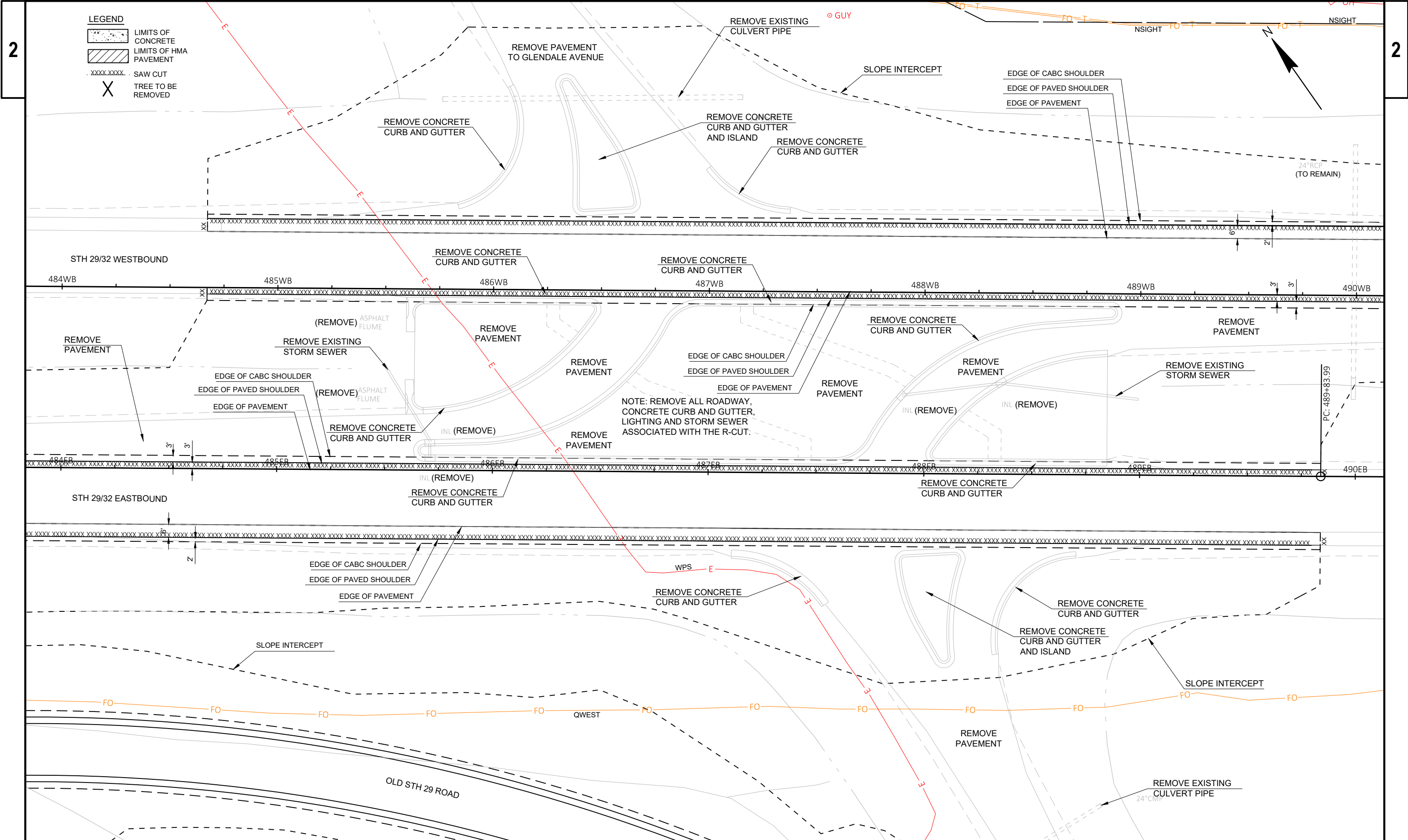
**TYPICAL FINISHED SECTION FOR EVERGREEN AVE.**

STA. 634+74.20 - STA. 642+50.00 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L

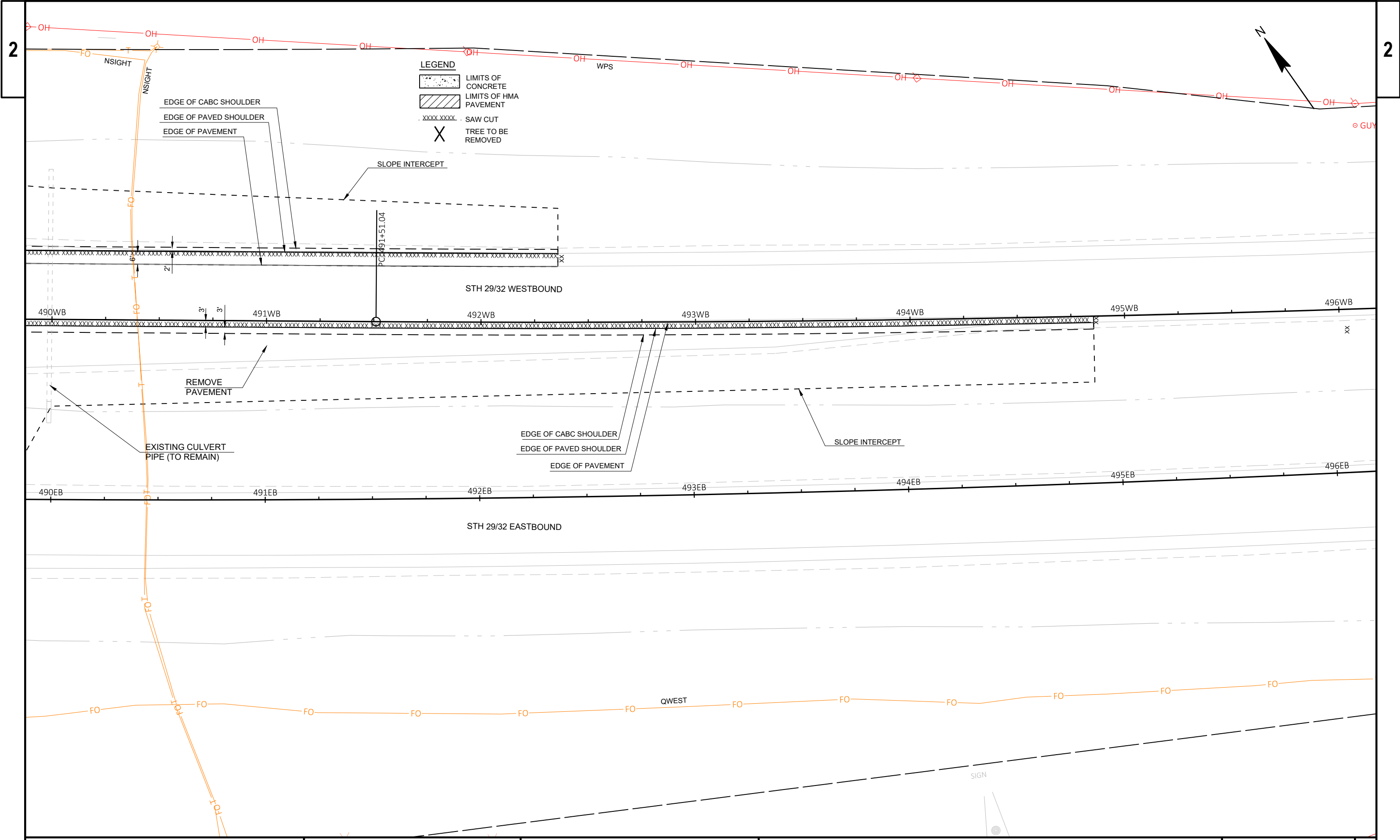


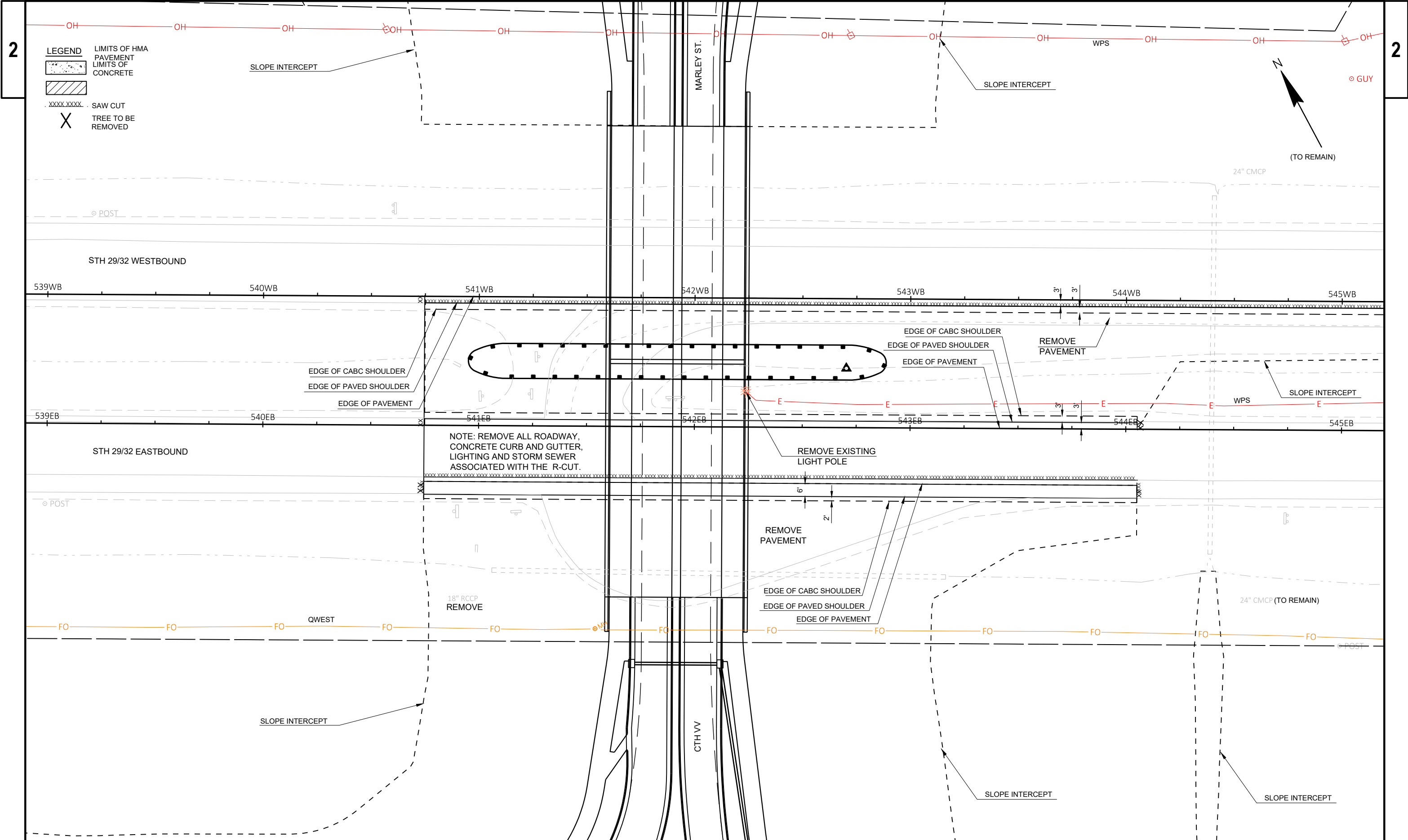




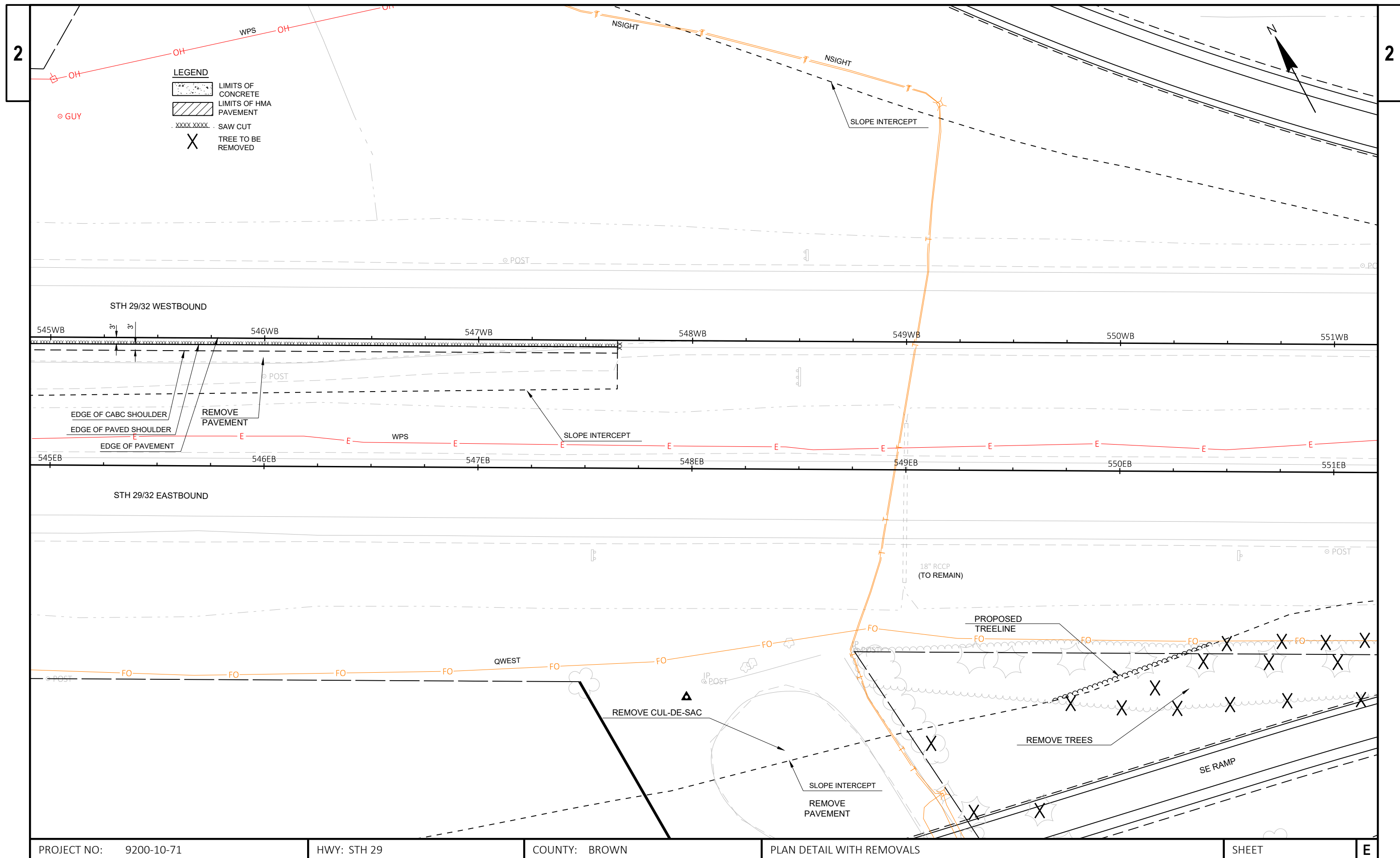


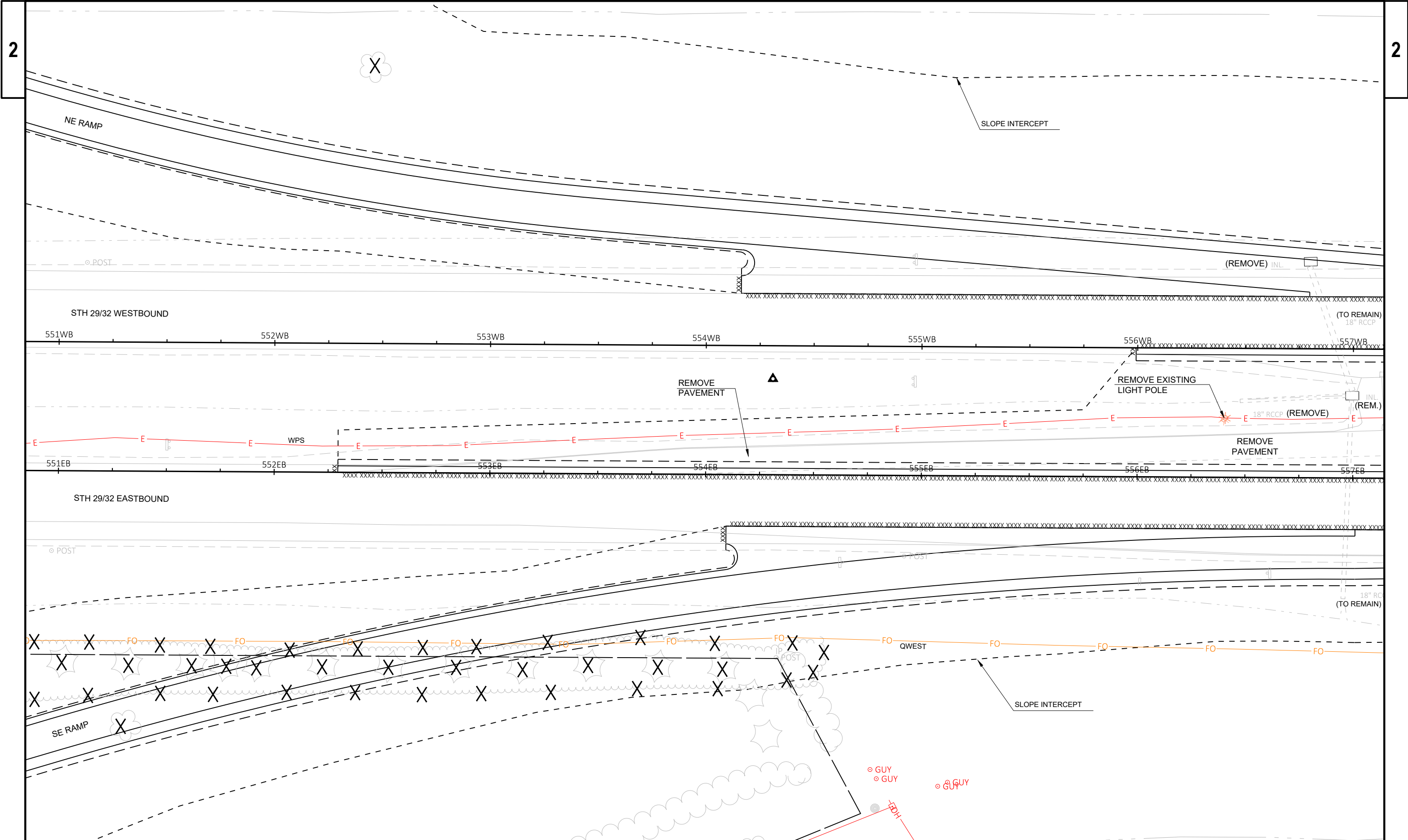
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| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN DETAILS WITH REMOVALS | SHEET | E |
|------------------------|-------------|---------------|----------------------------|-------|---|





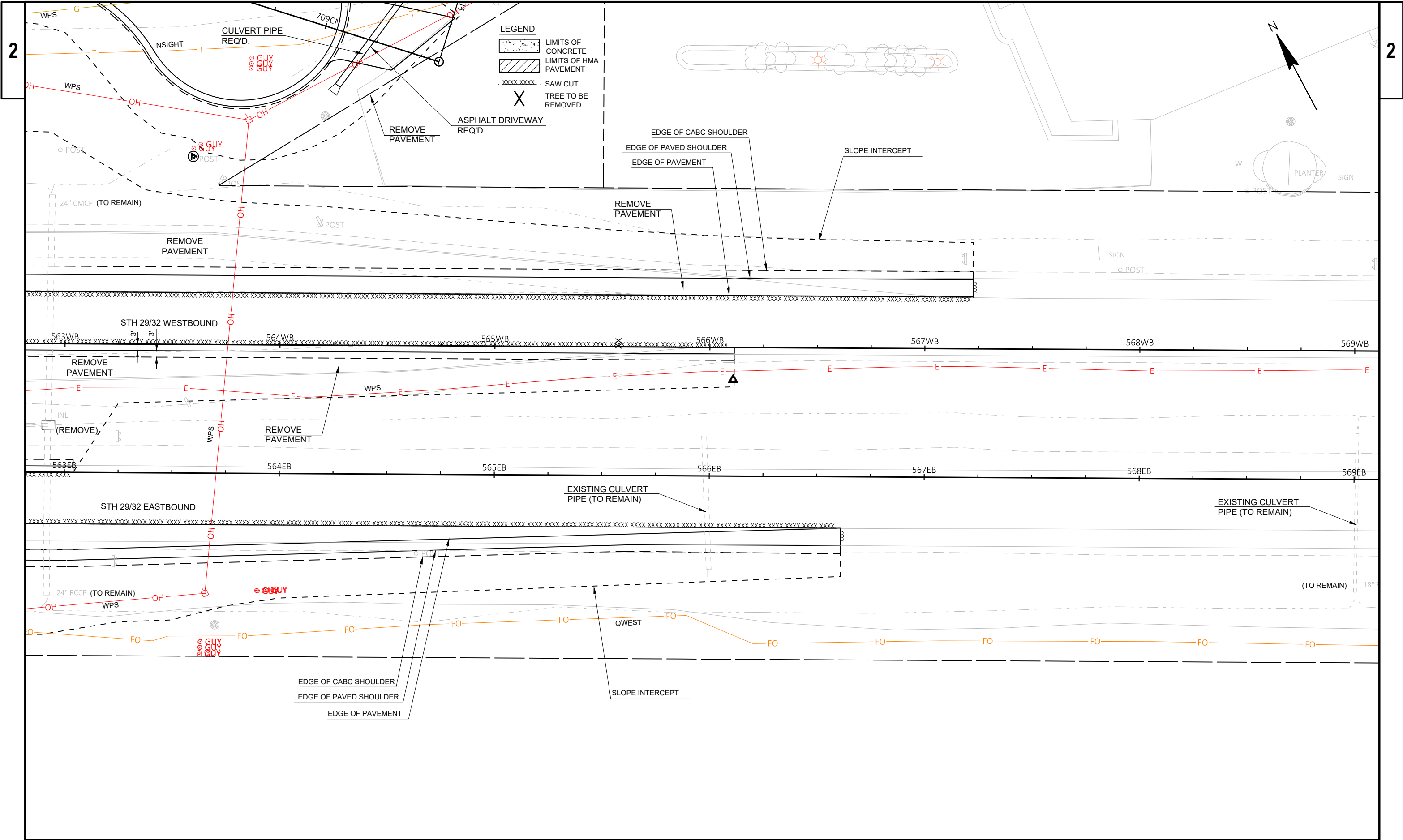
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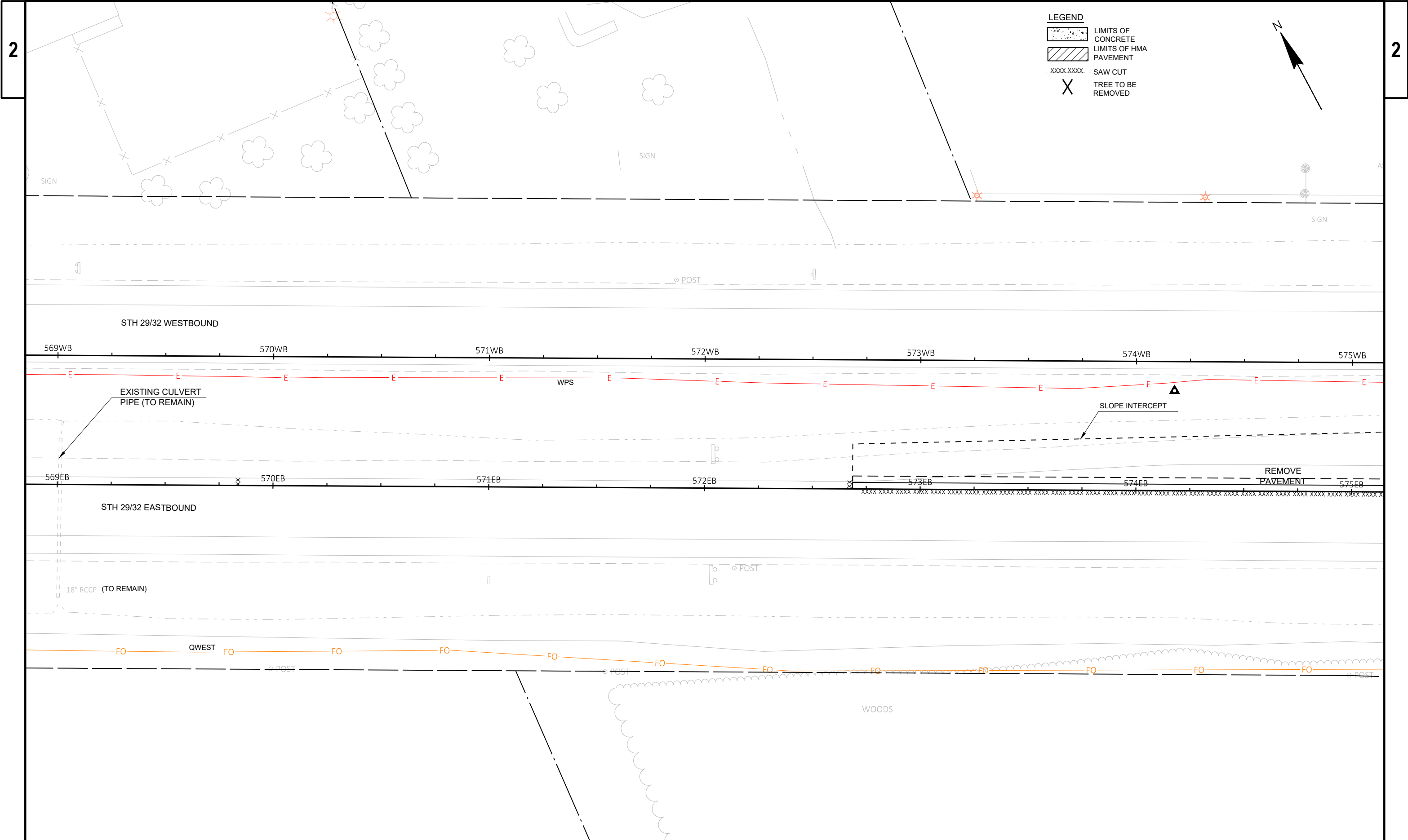


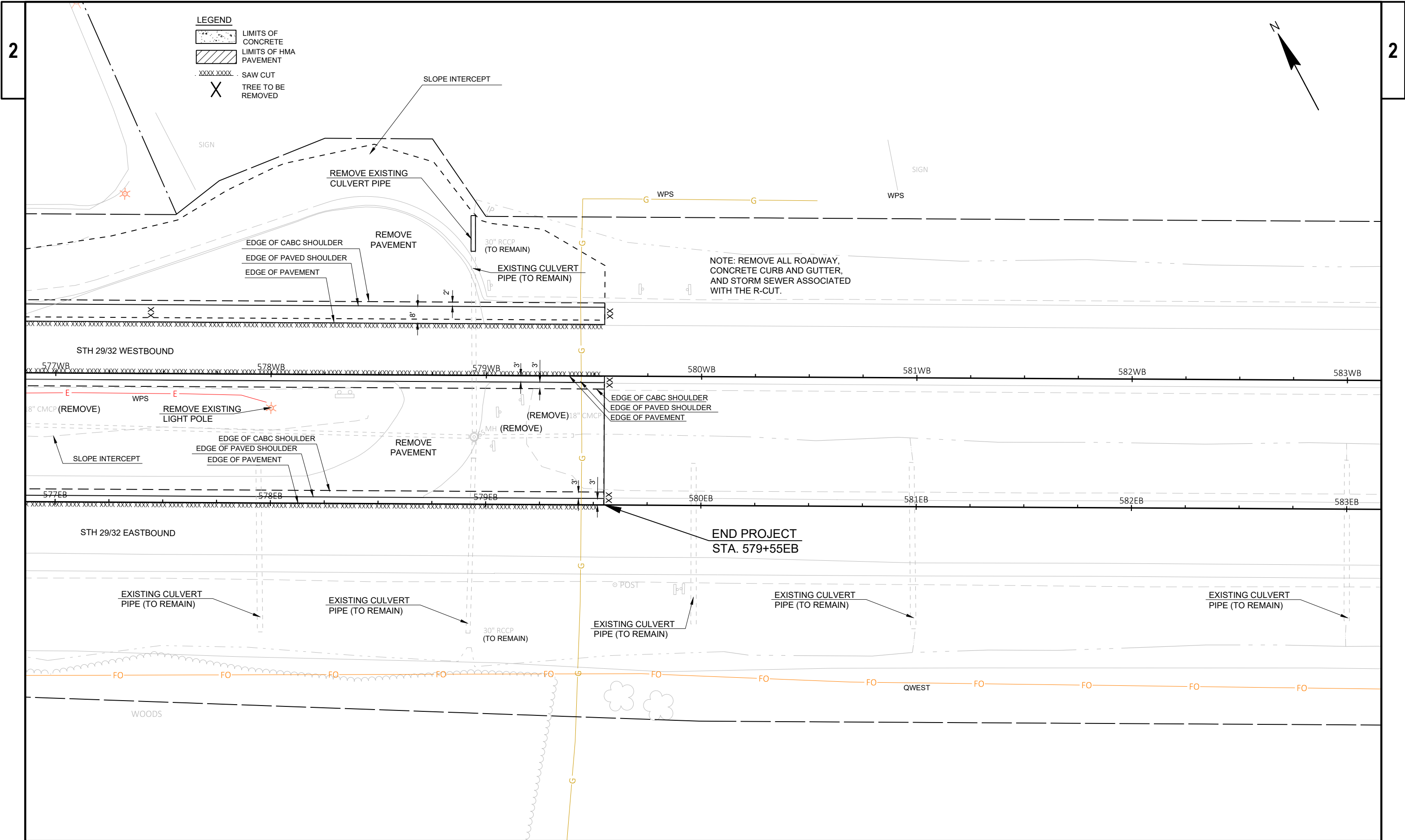


|                        |             |               |                           |         |
|------------------------|-------------|---------------|---------------------------|---------|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN DETAIL WITH REMOVALS | SHEET E |
|------------------------|-------------|---------------|---------------------------|---------|



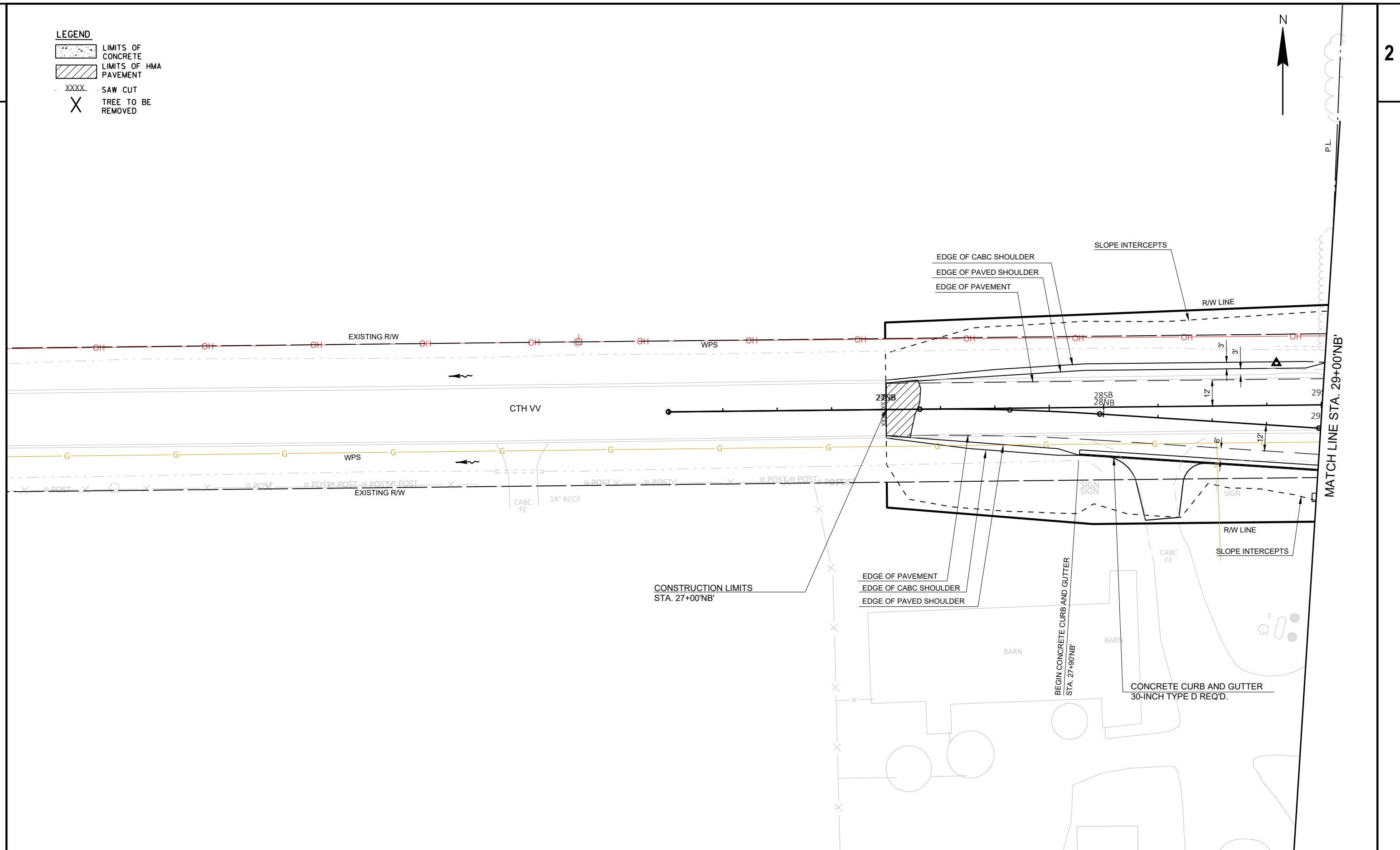






## LEGEND

- LIMITS OF CONCRETE  
LIMITS OF HMA PAVEMENT  
XXXX SAW CUT  
X TREE TO BE REMOVED



PROJECT NO: 9200-10-71

HWY: STH 29

COUNTY: BROWN

PLAN DETAIL WITH REMOVALS

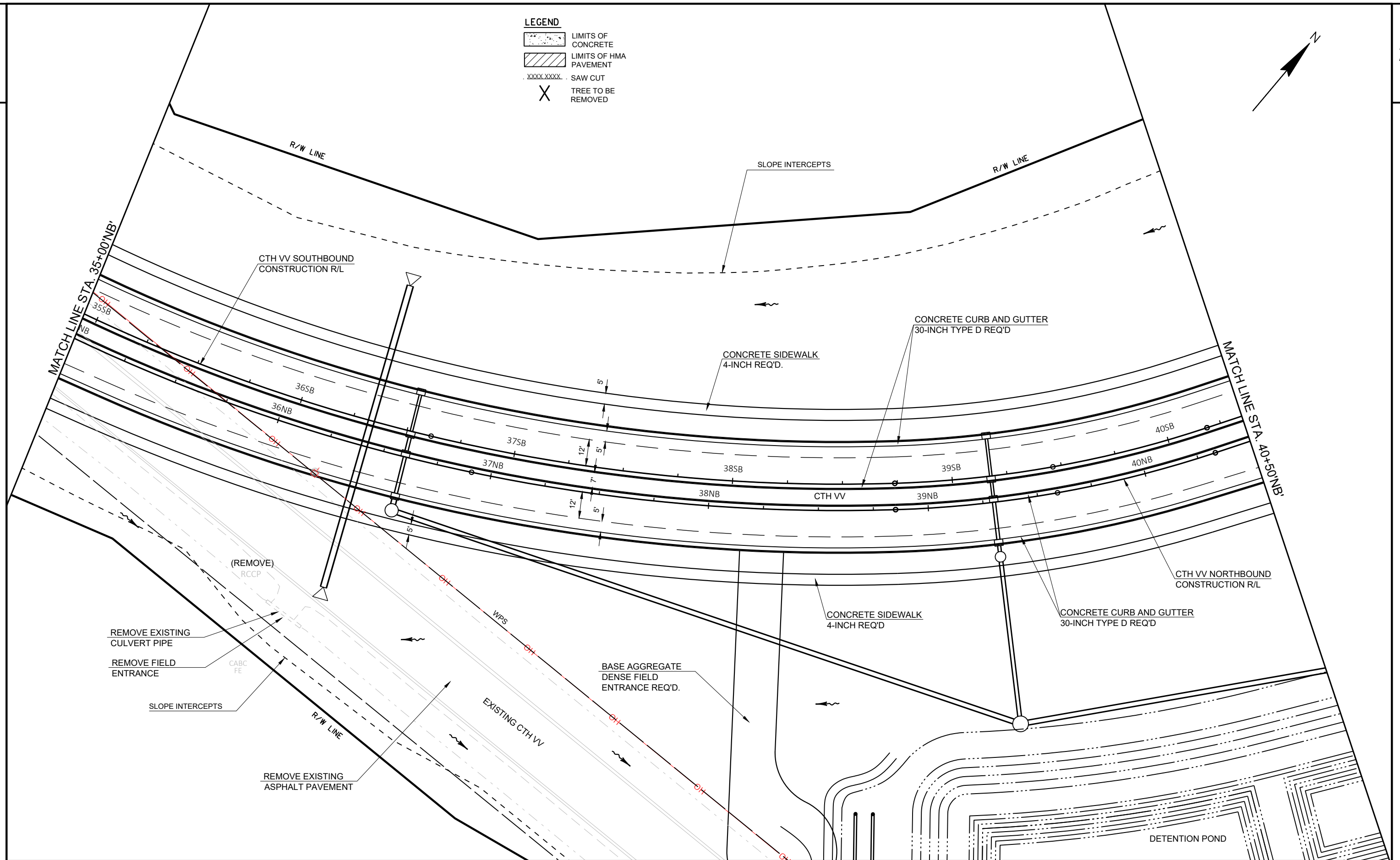
SHEET

E



**LEGEND**

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- SAW CUT
- TREE TO BE REMOVED



PROJECT NO: 9200-10-71

HWY: STH 29

COUNTY: BROWN

PLAN DETAIL WITH REMOVALS

SHEET

E

FILE NAME: V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETS\PLAN\021202-PDVV.DWG  
LAYOUT NAME - 021213 pd

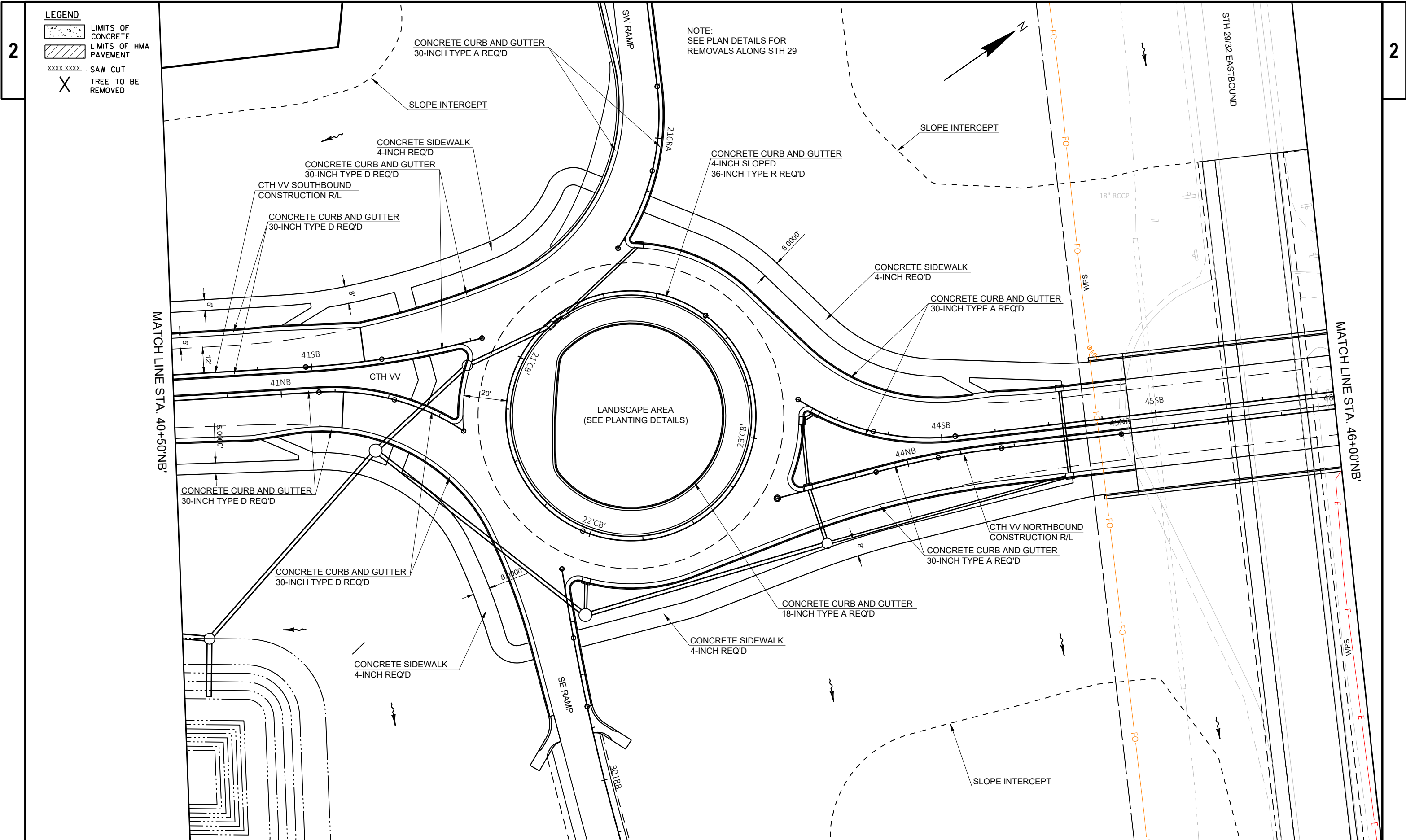
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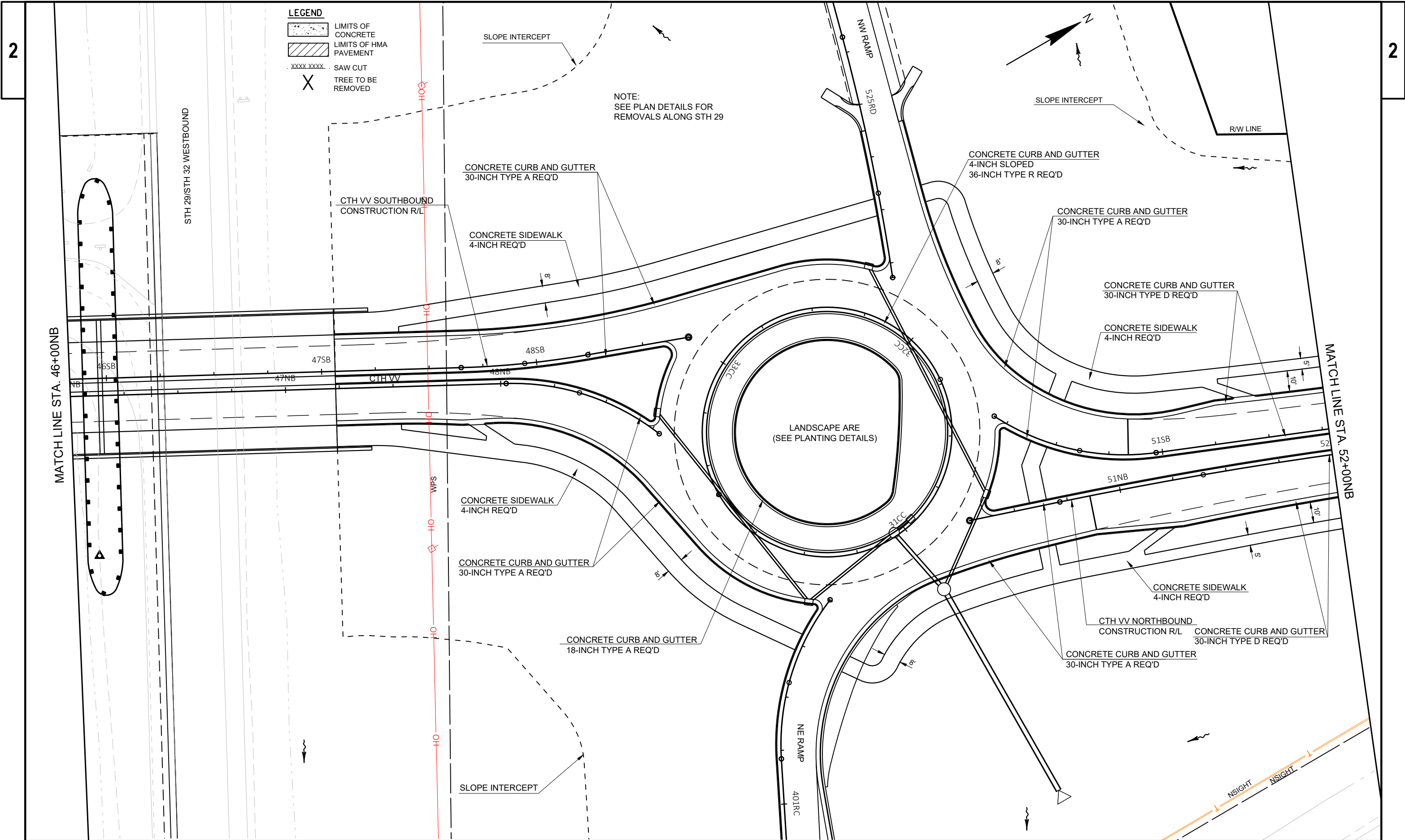
PLOT BY: SOUFAL, KEVIN

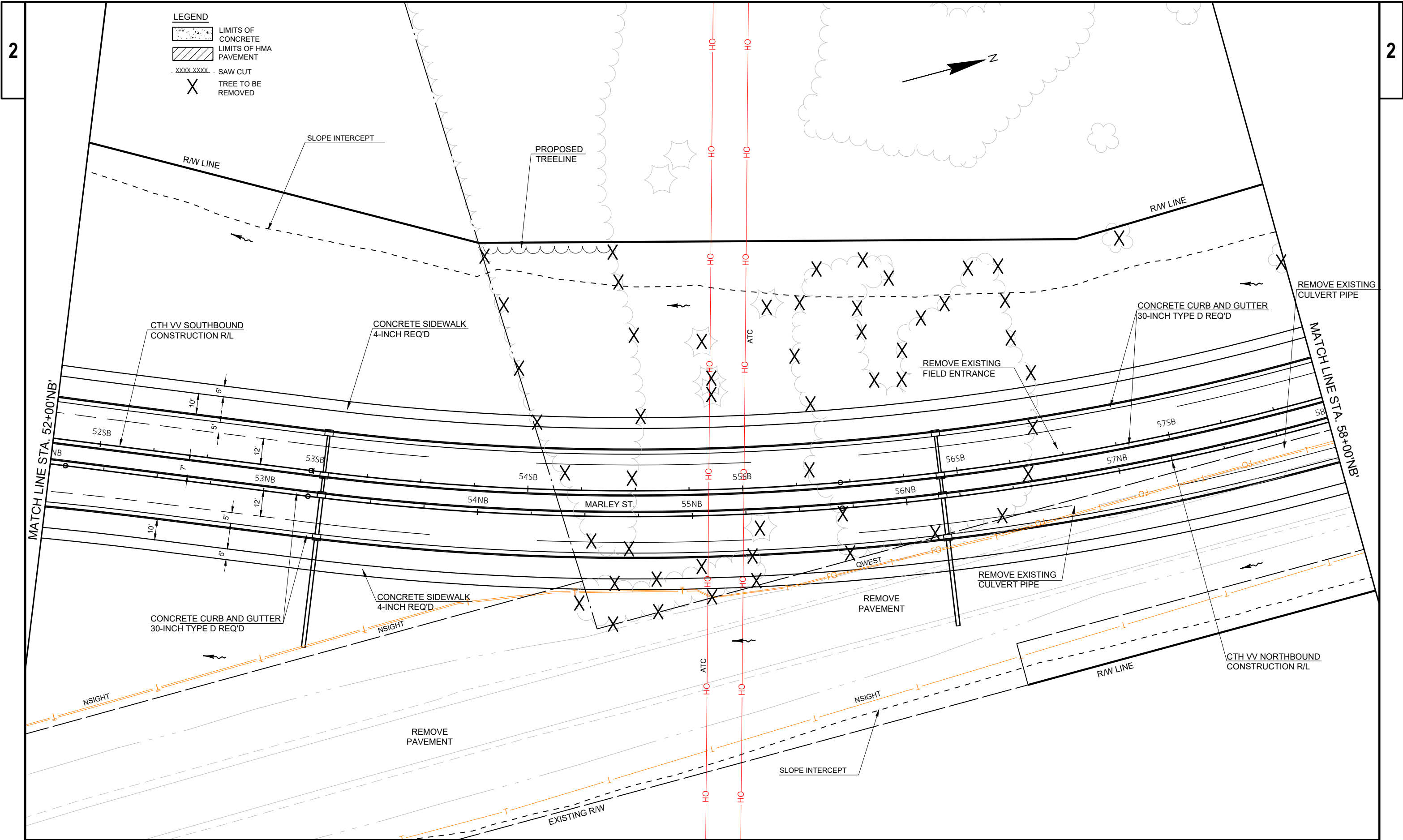
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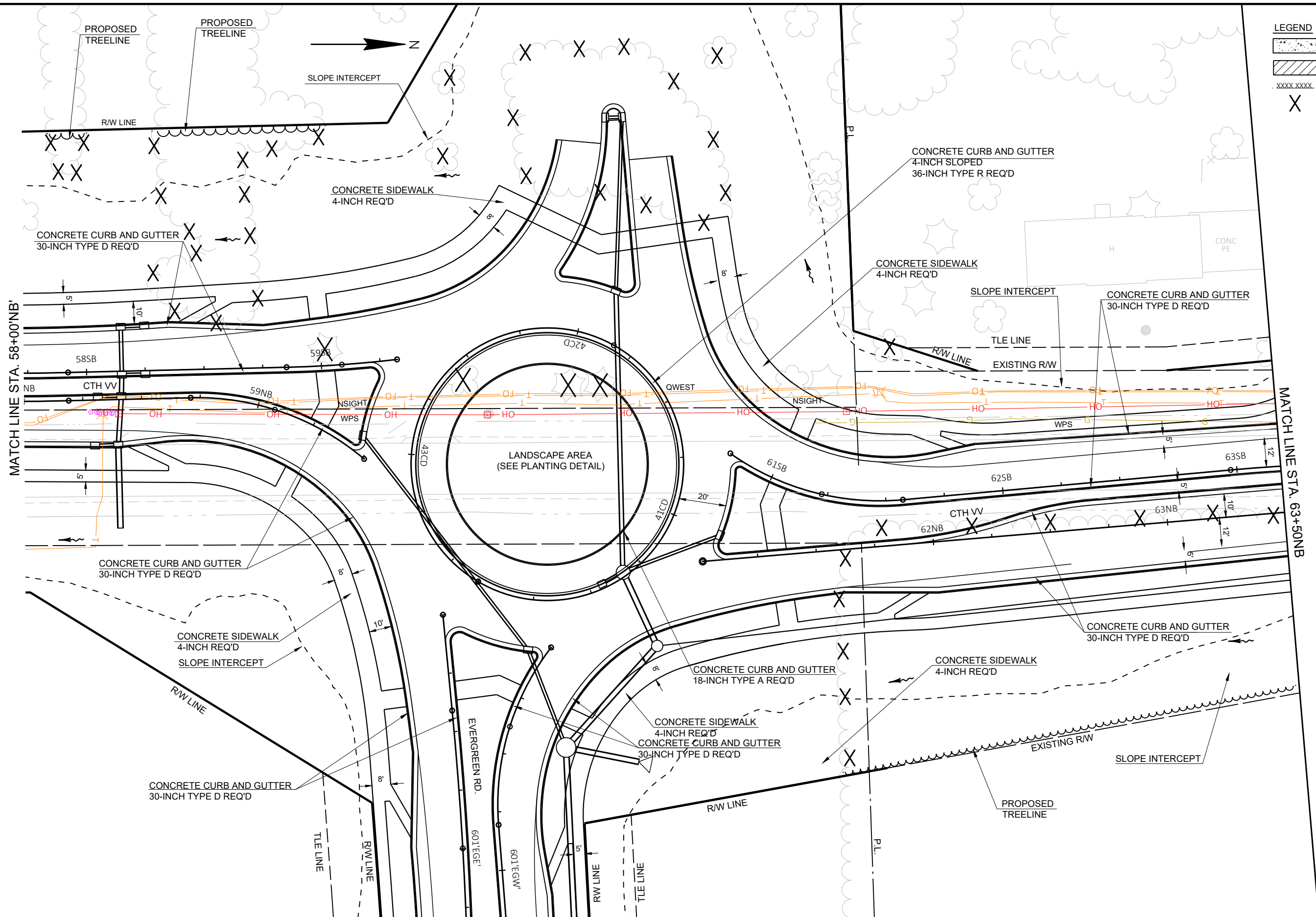
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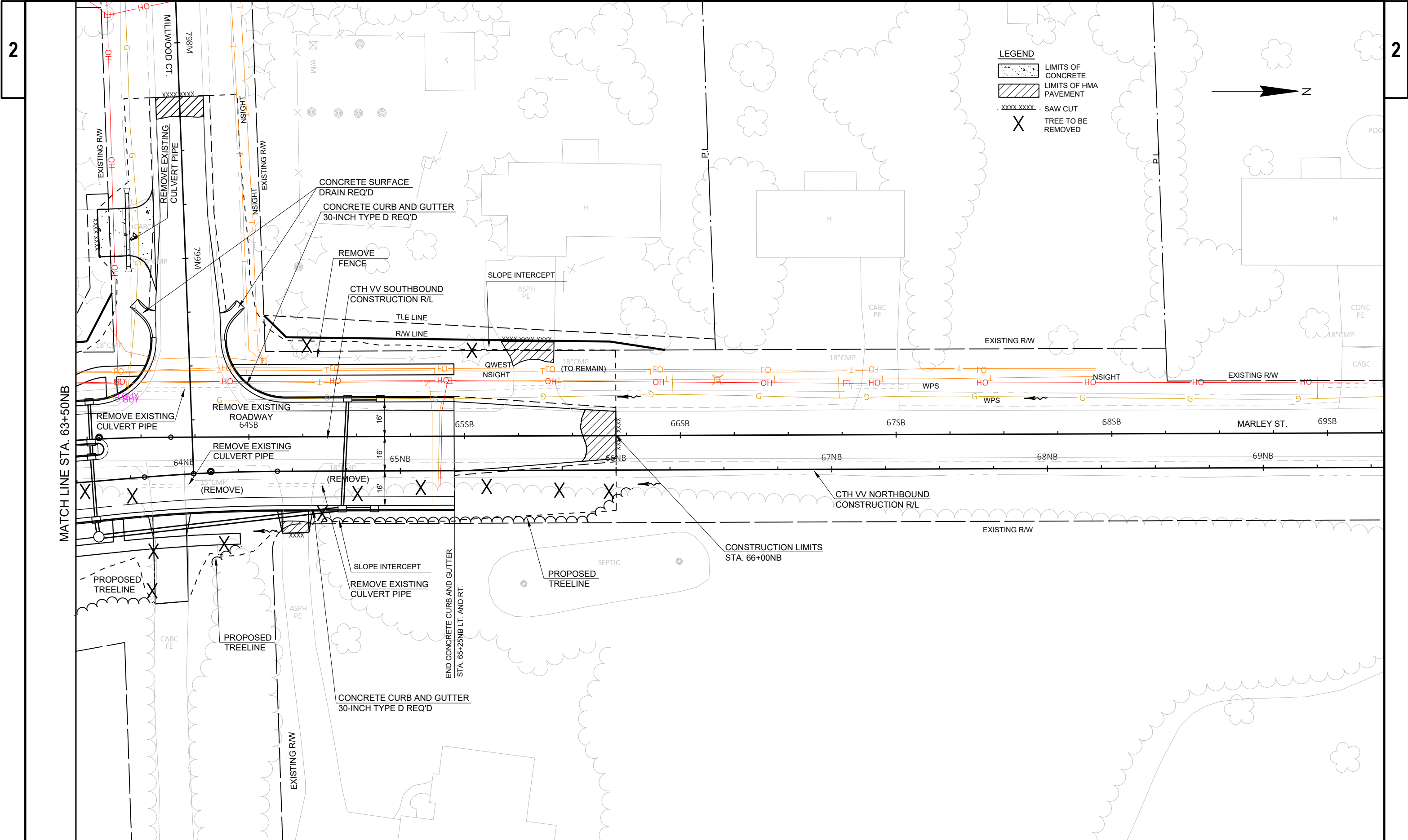
WISDOT/CADDs SHEET 42

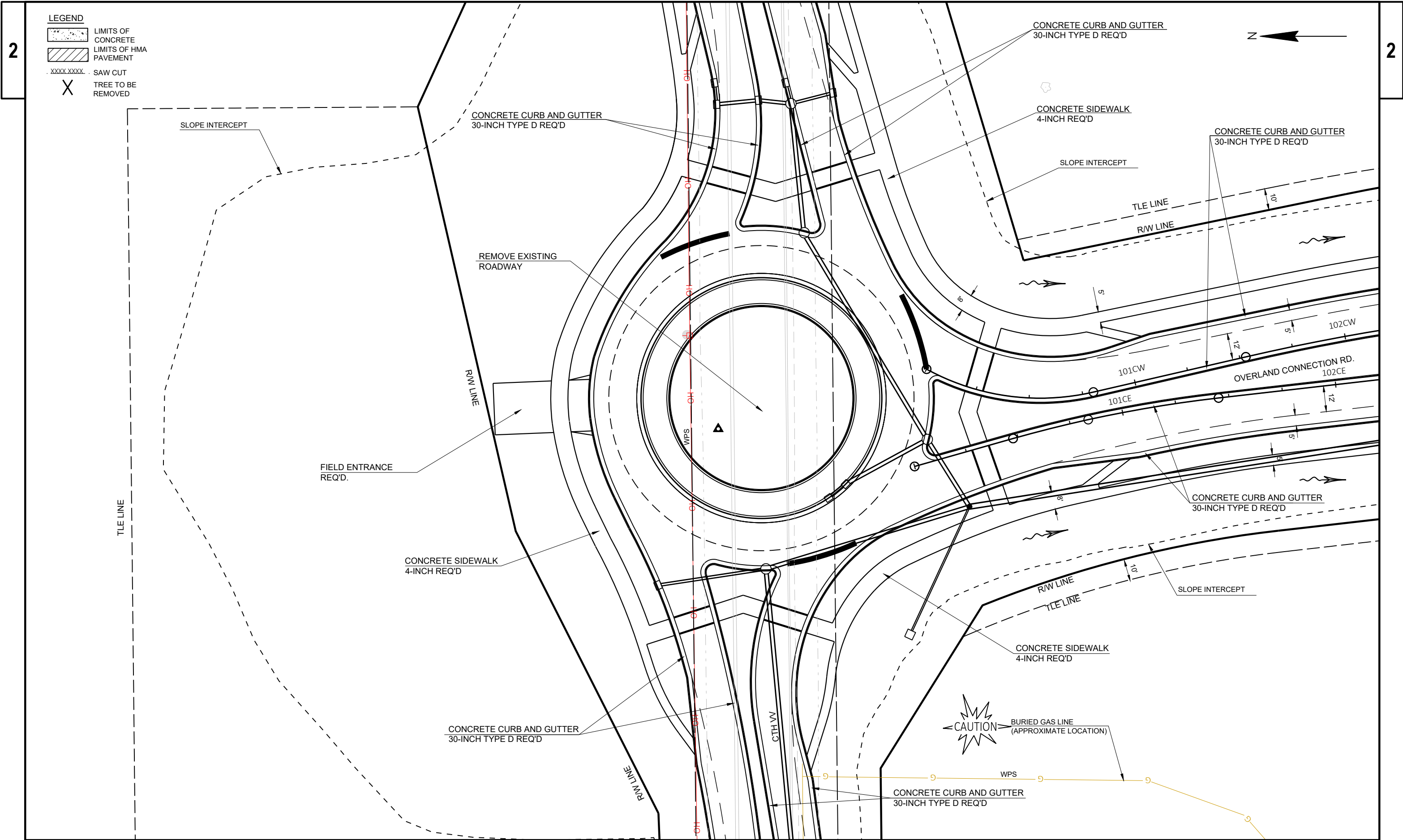






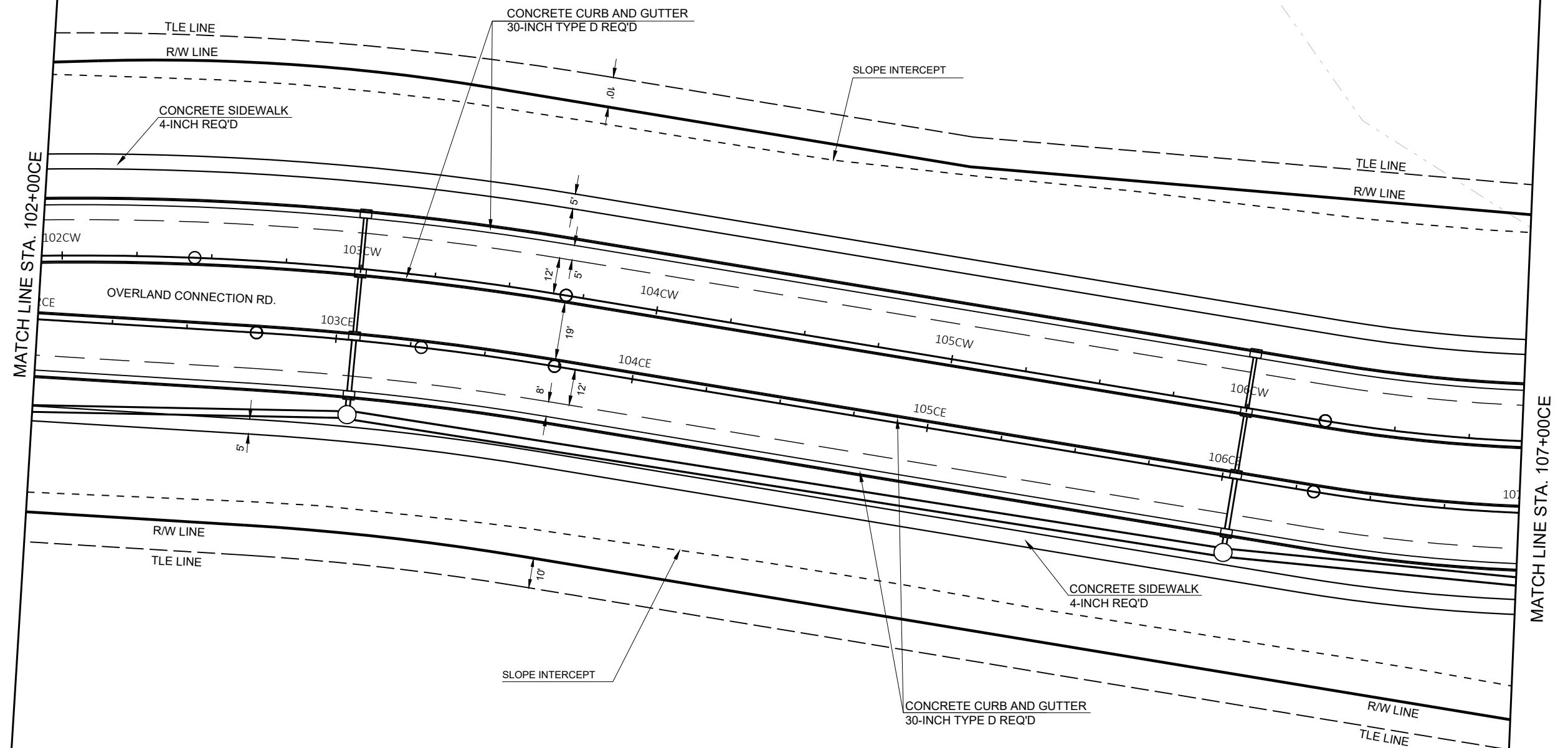


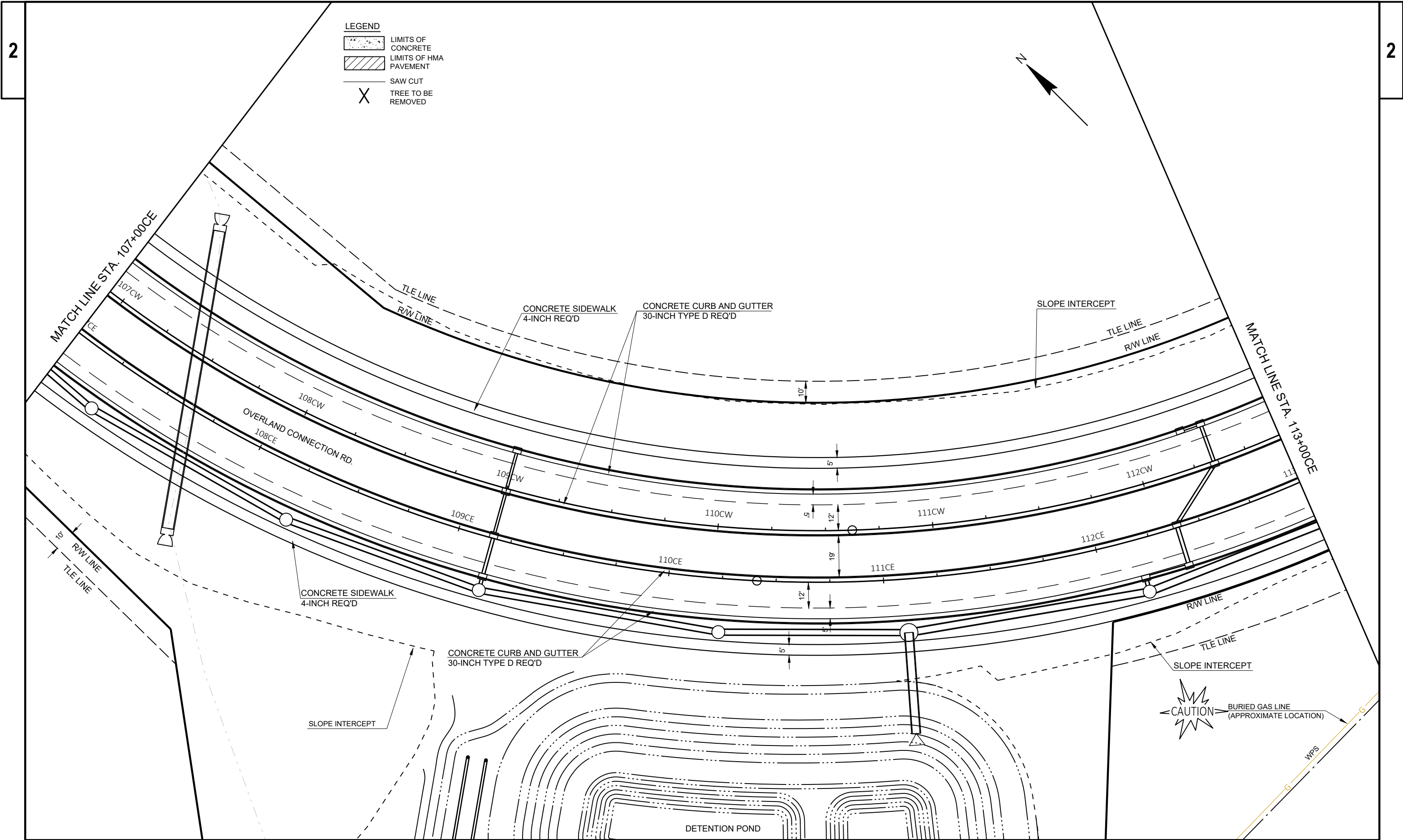




## LEGEND

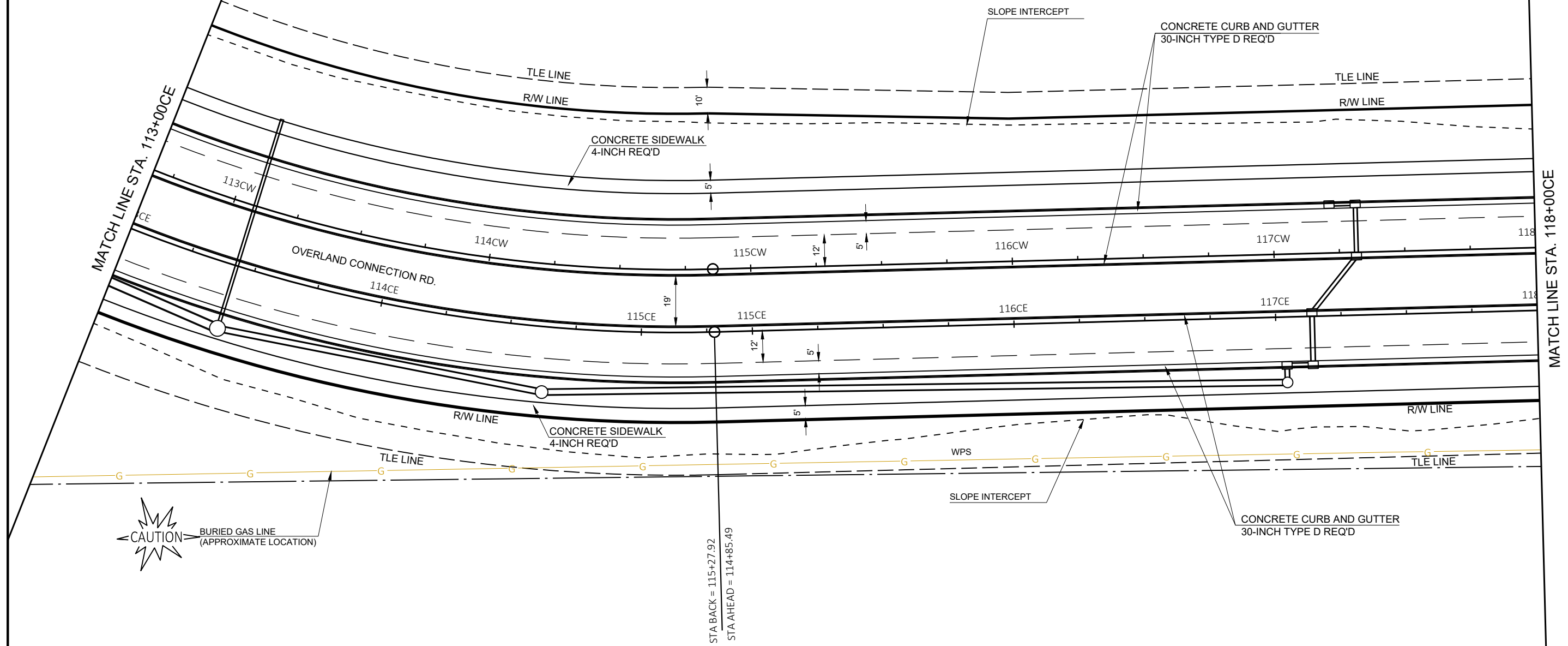
- LIMITS OF CONCRETE  
LIMITS OF HMA PAVEMENT  
SAW CUT  
TREE TO BE REMOVED





## LEGEND

- LIMITS OF CONCRETE  
LIMITS OF HMA  
PAVEMENT  
XXXX XXXX SAW CUT  
X TREE TO BE REMOVED



PROJECT NO: 9200-10-71

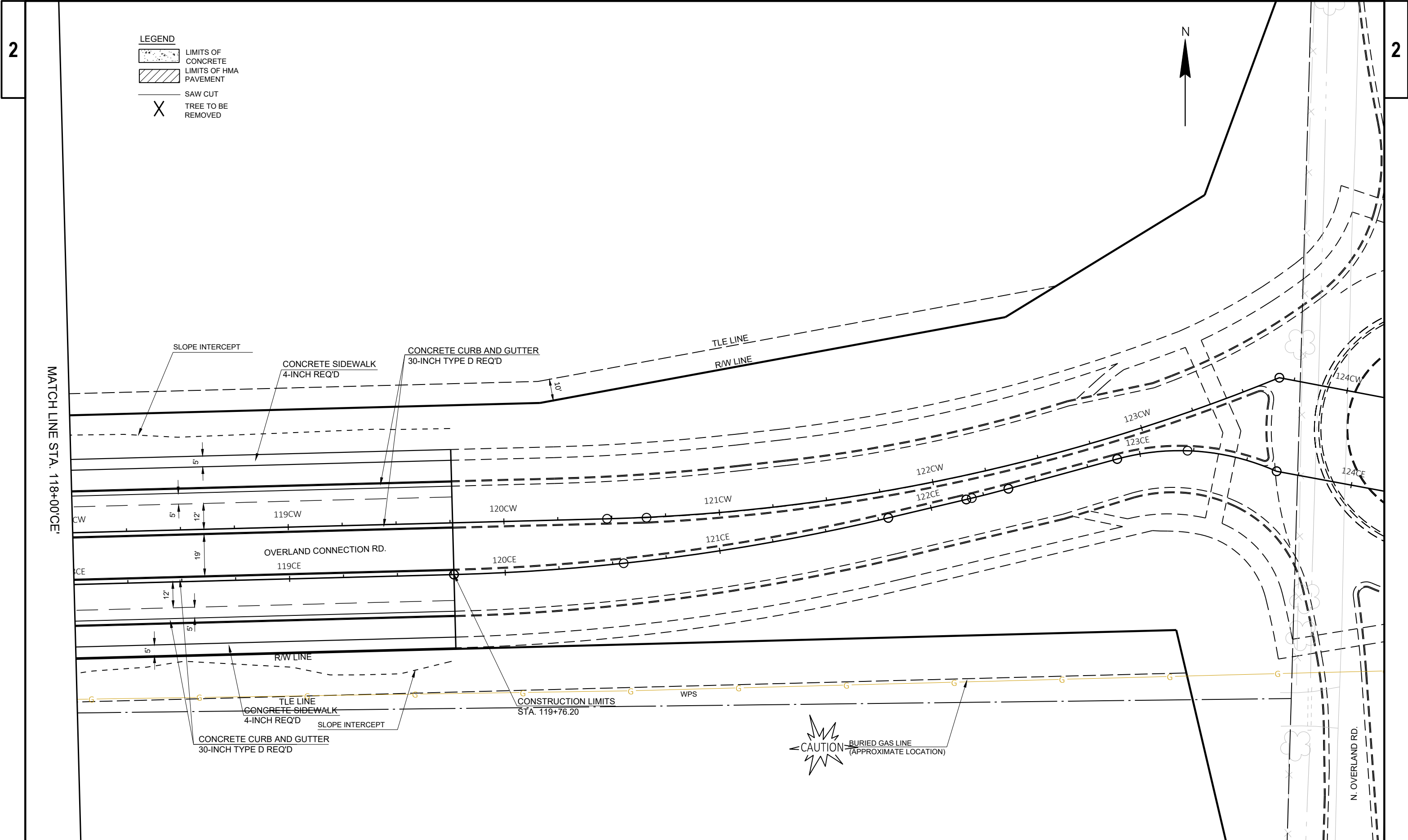
HWY: STH 29

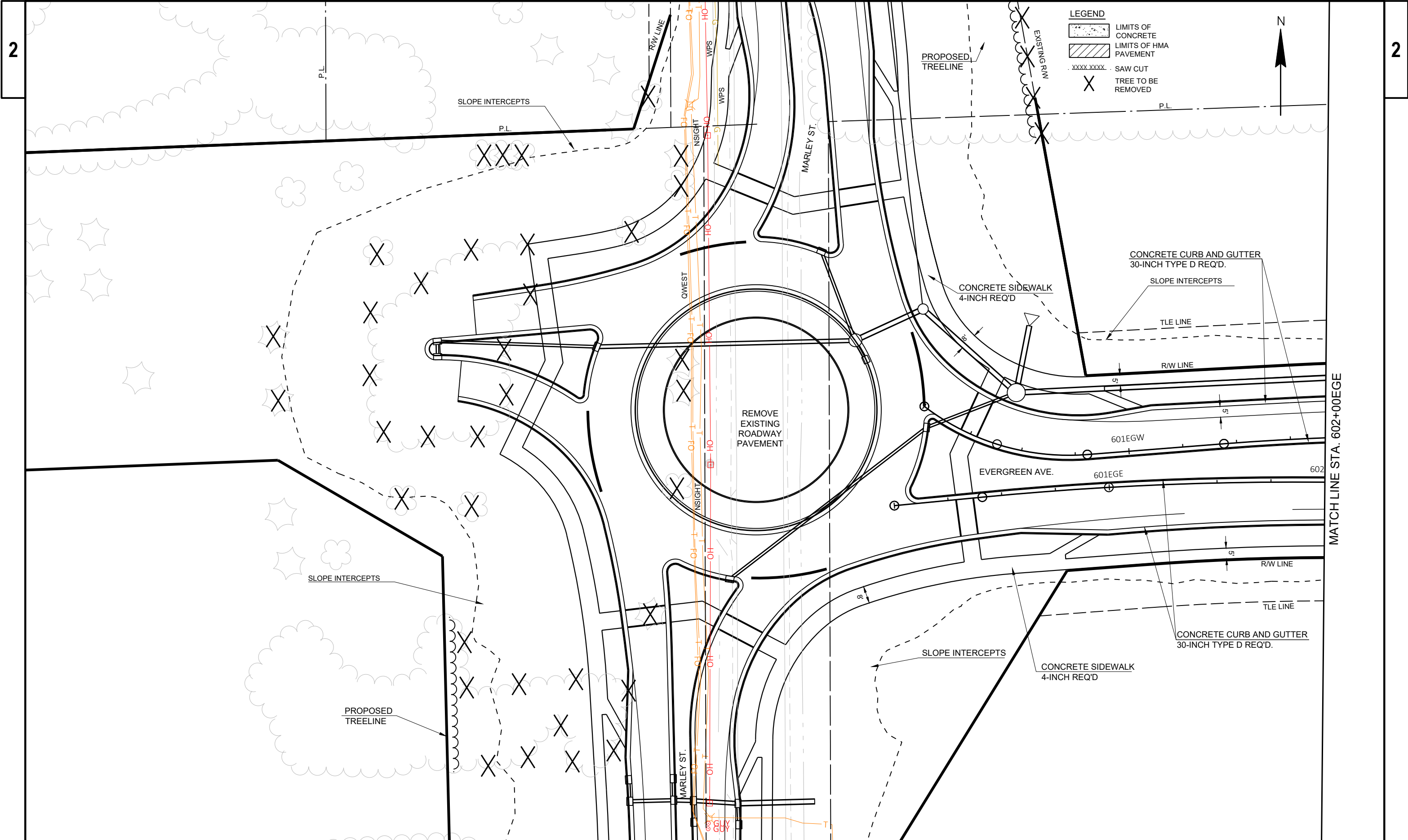
COUNTY: BROWN

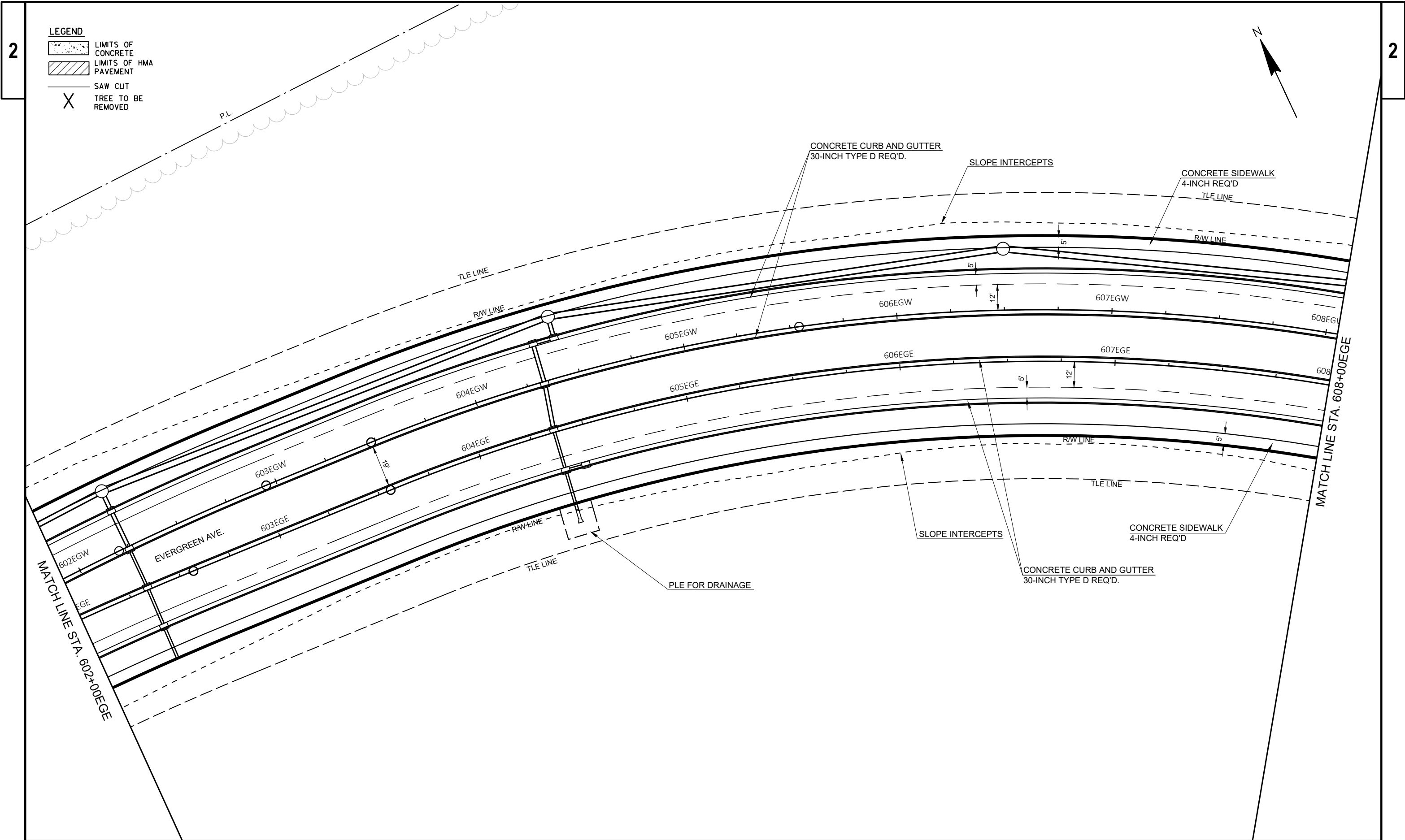
OVERLAND CONNECTION RD.-PLAN DETAIL WITH REMOVALS

SHEET

E

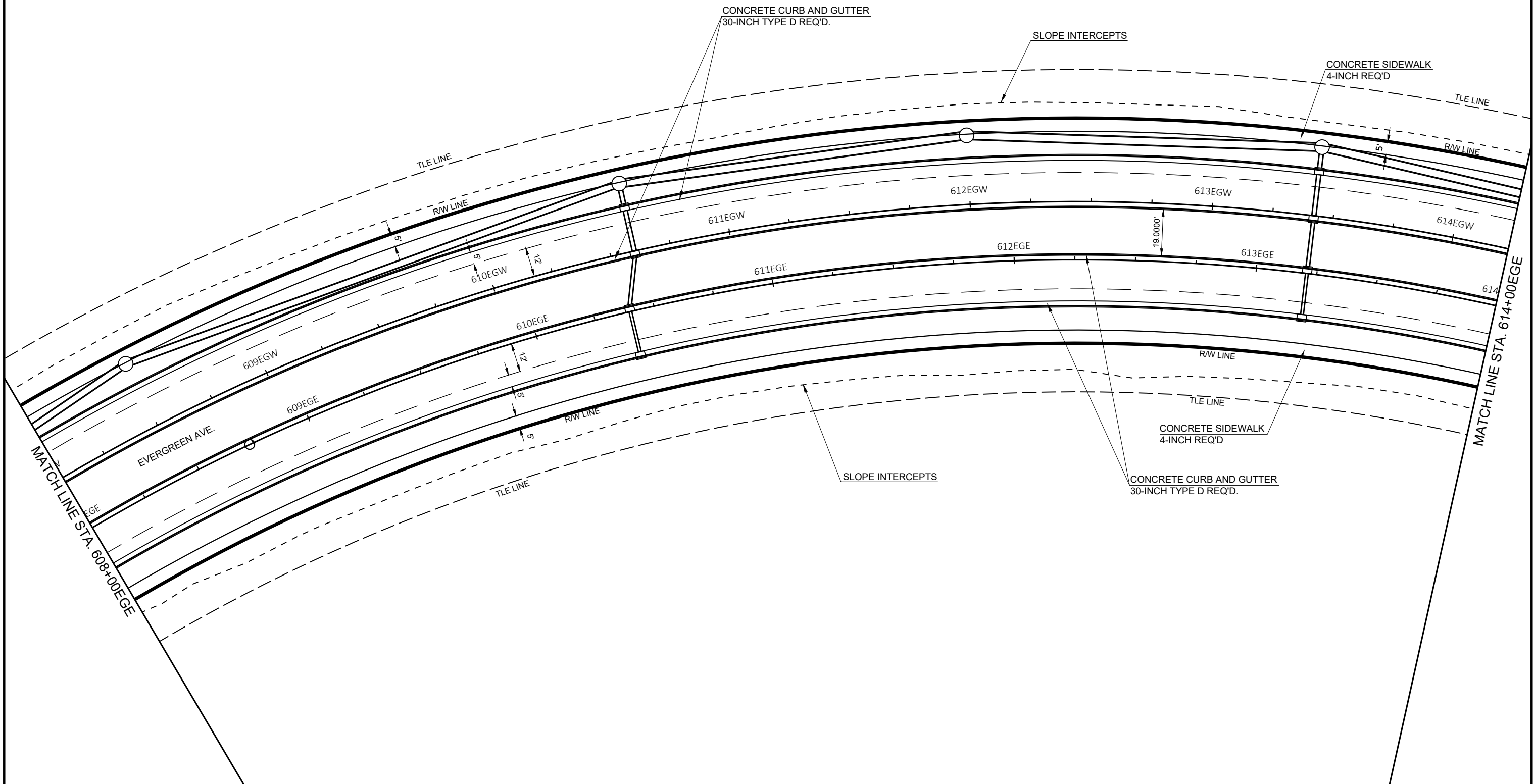




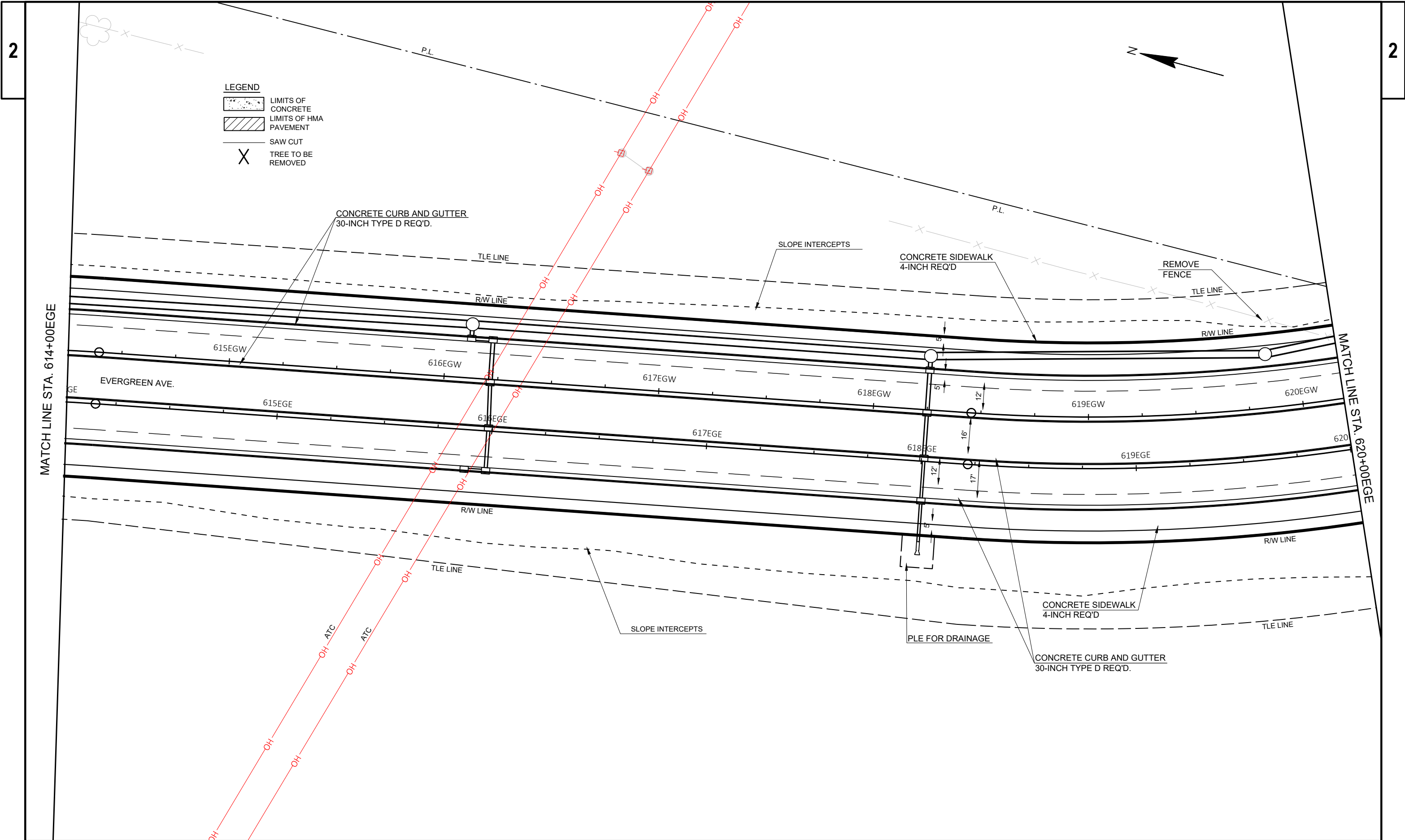


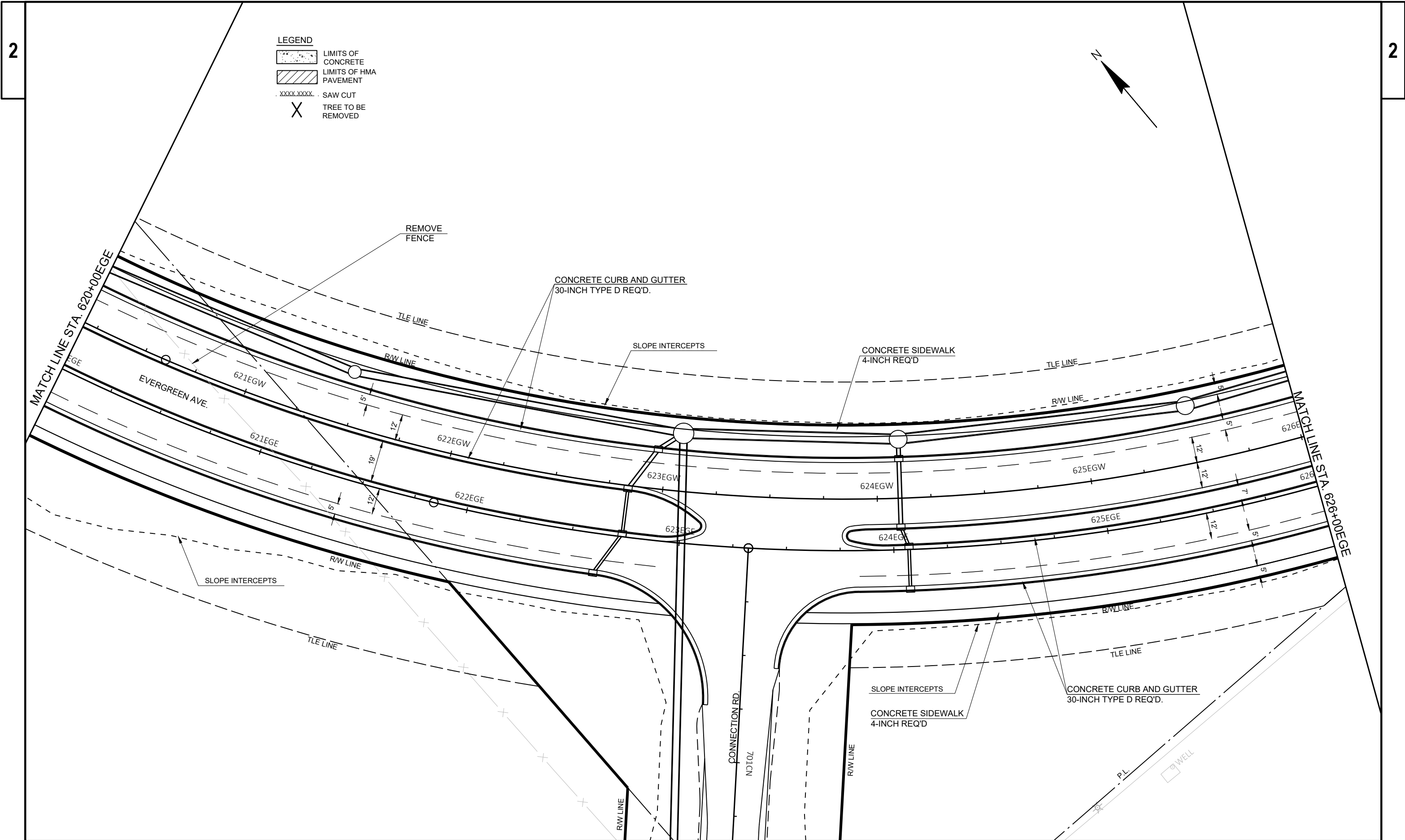
**LEGEND**

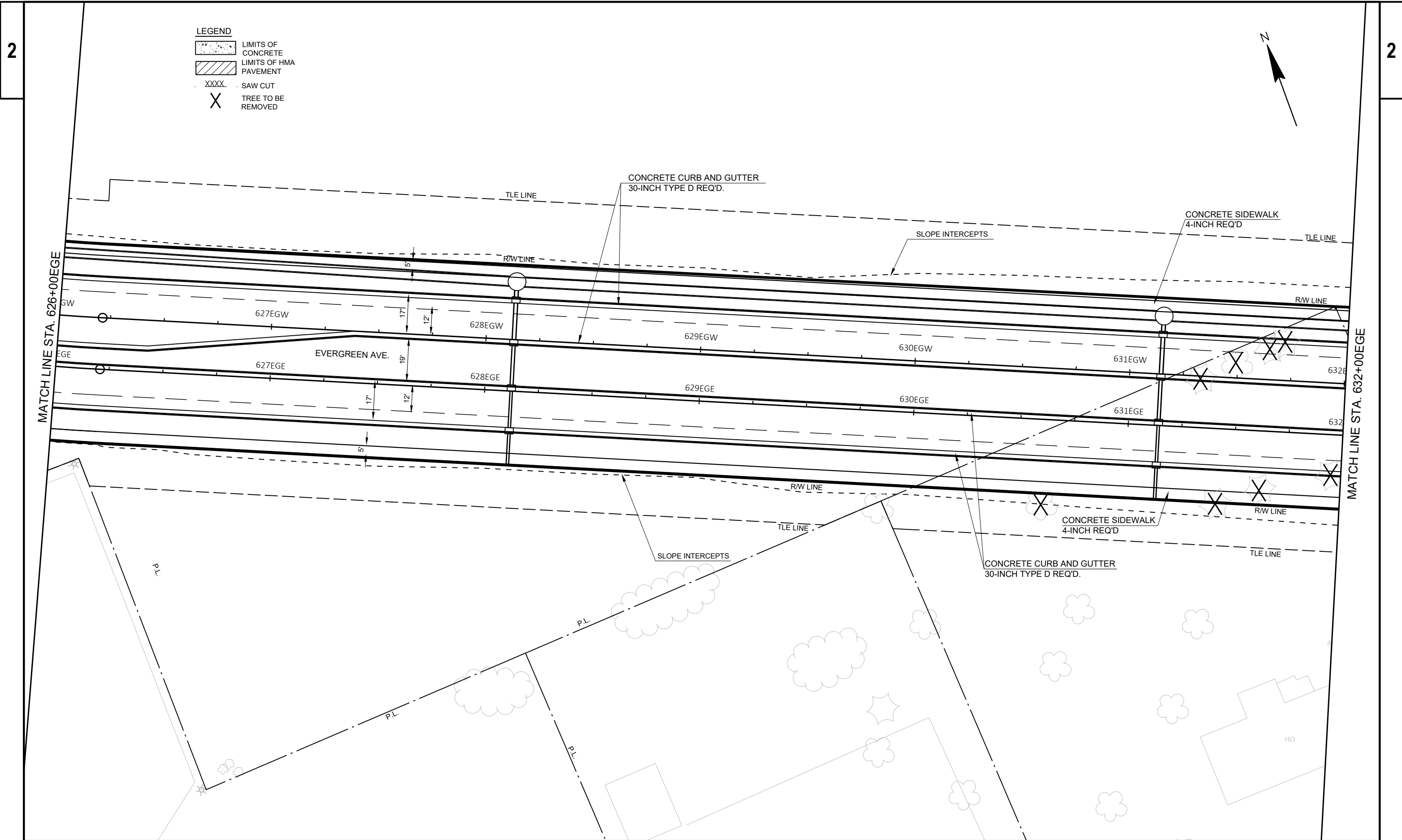
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- SAW CUT
- TREE TO BE REMOVED



|                        |             |               |                                          |       |   |
|------------------------|-------------|---------------|------------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | EVERGREEN AVE.-PLAN DETAIL WITH REMOVALS | SHEET | E |
|------------------------|-------------|---------------|------------------------------------------|-------|---|



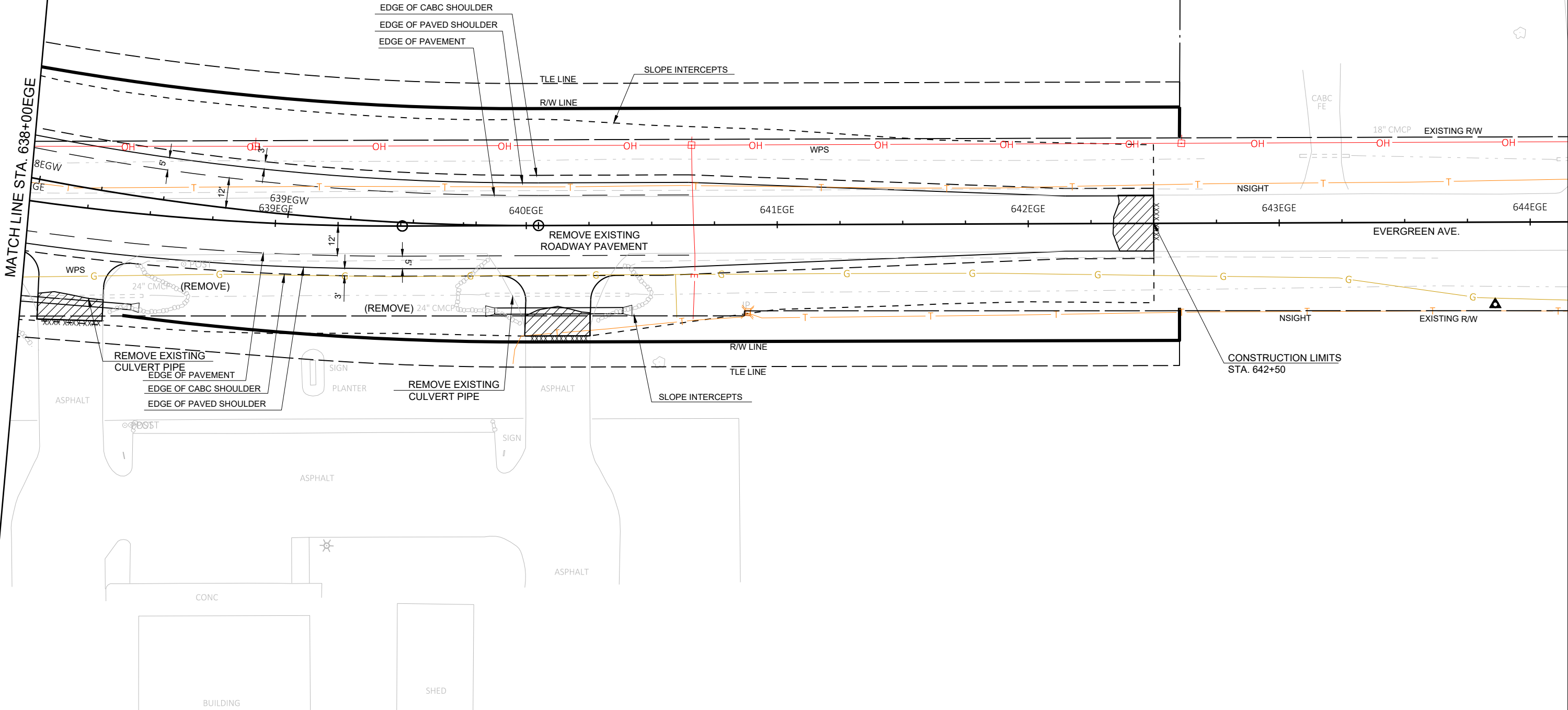
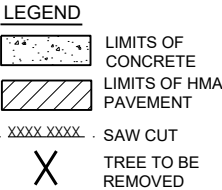






2

2



|             |            |
|-------------|------------|
| PROJECT NO: | 9200-10-71 |
|-------------|------------|

HWY: STH 29

COUNTY: BROWN

EVERGREEN AVE-PLAN DETAIL WITH REMOVALS

SHEET

# I

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG  
LAYOUT NAME - 021231 pd

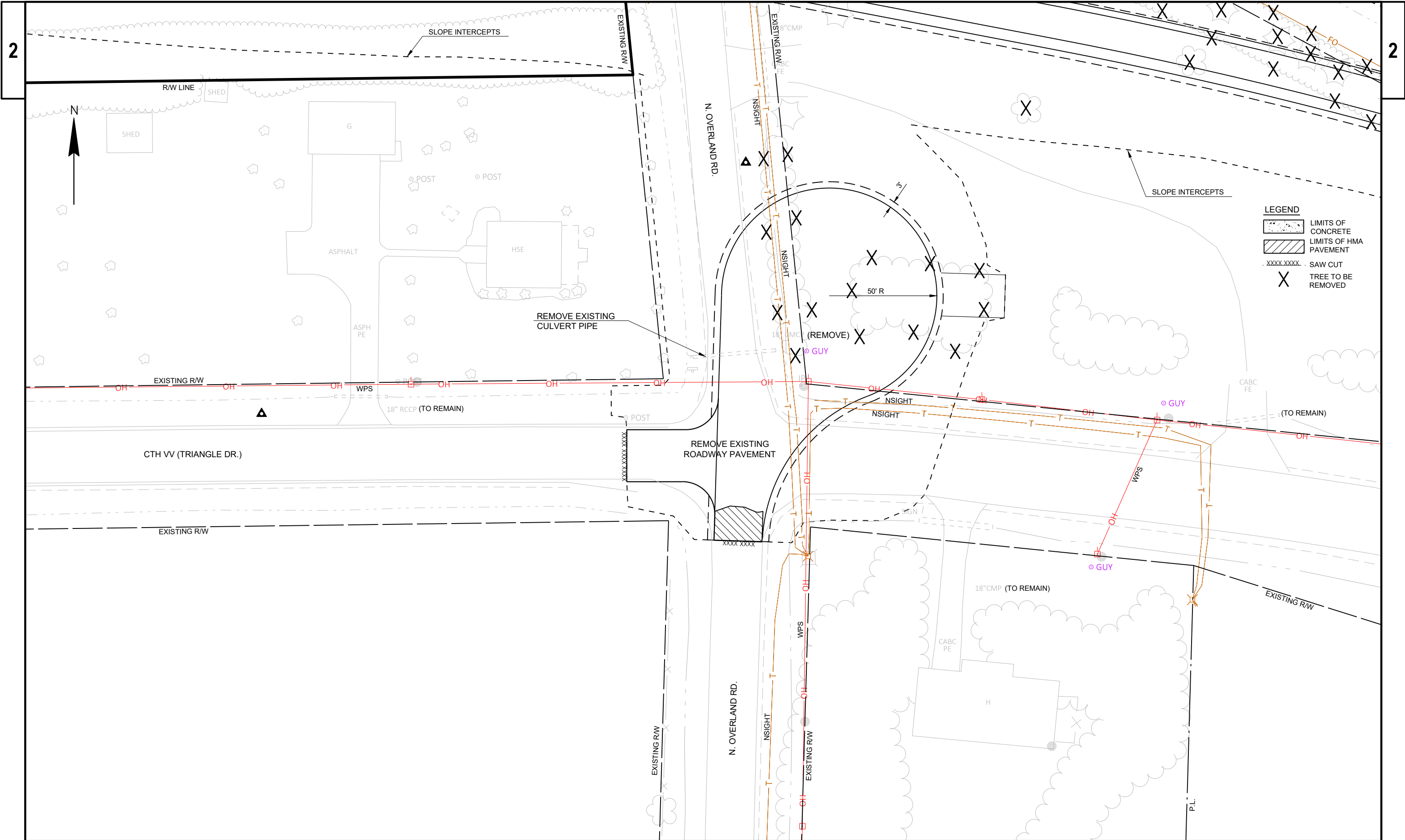
PLOT DATE : 10/18/2019 10:41 AM PLOT BY : SOUFAL, KEVIN

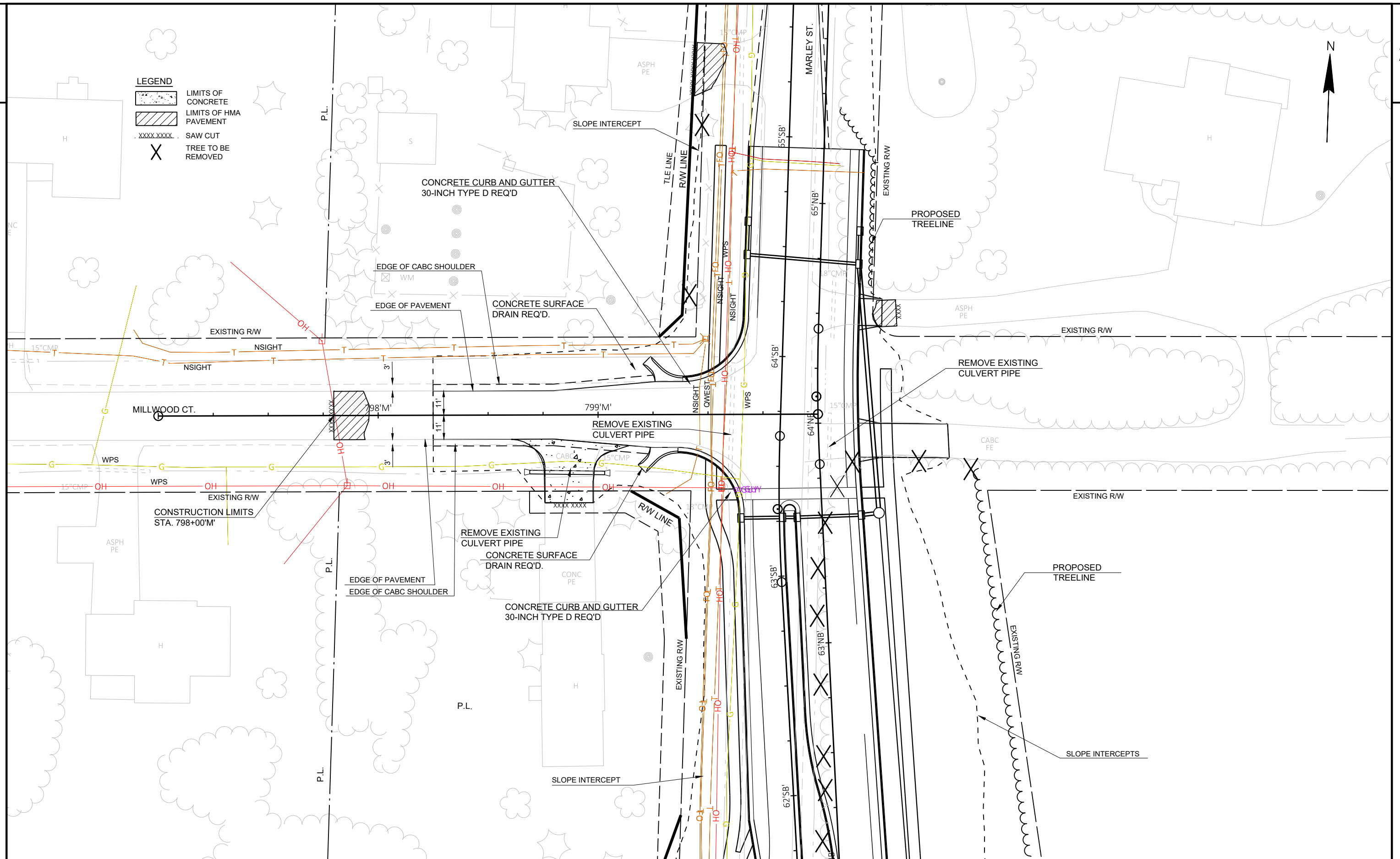
PLOT BY : SOUFAL, KEVIN PLOT NAME :

PLOT NAME : PLOT SCALE : 1 IN:40 FT

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

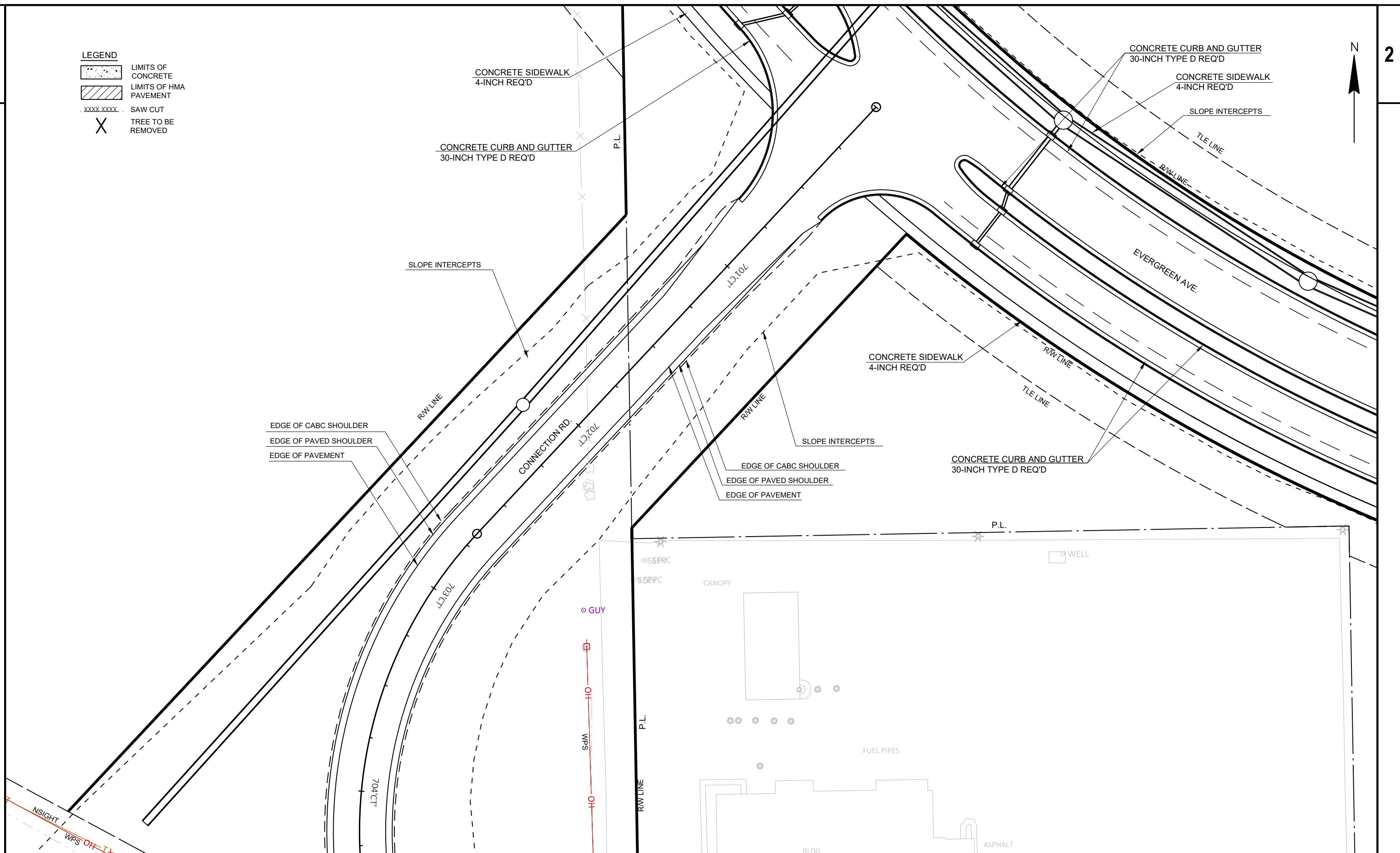




## LEGEND

LIMITS OF  
CONCRETELIMITS OF HMA  
PAVEMENT

SAW CUT

TREE TO BE  
REMOVED

PROJECT NO: 9200-10-71

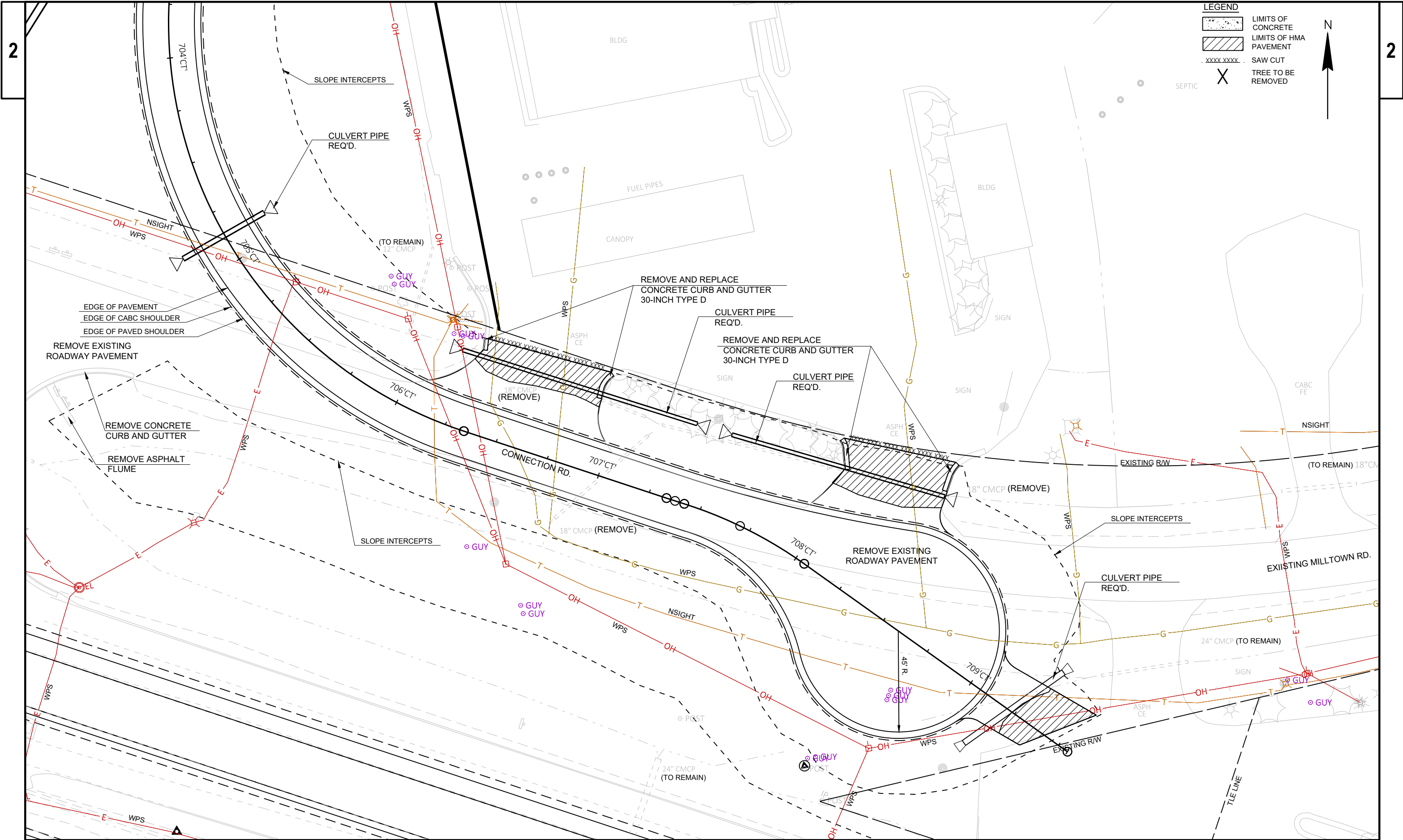
HWY: STH 29

COUNTY: BROWN

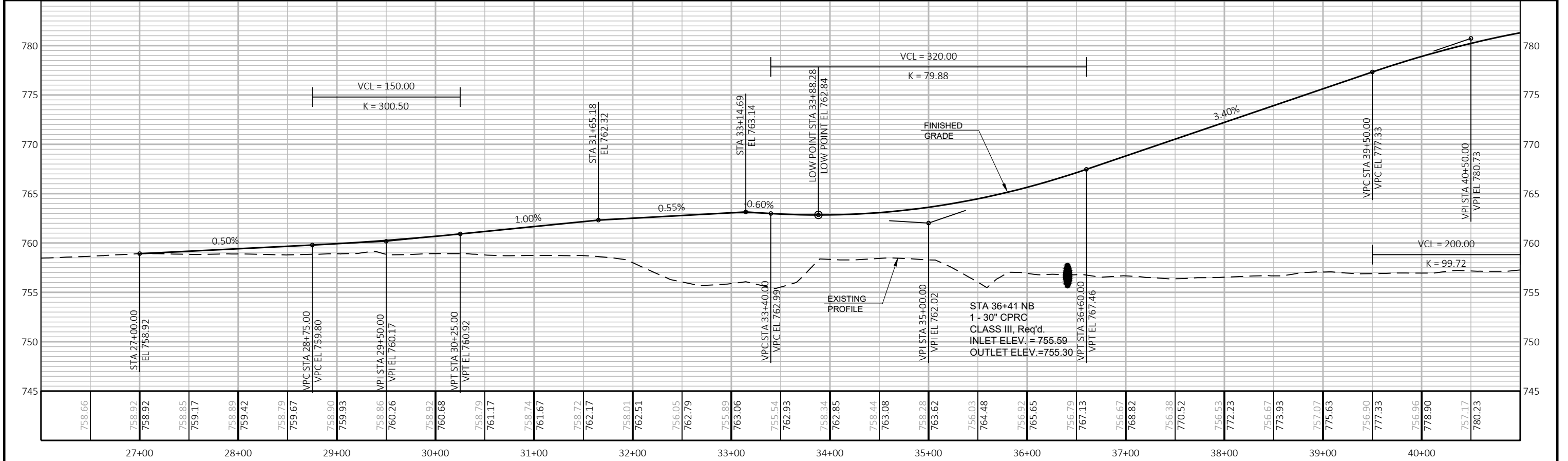
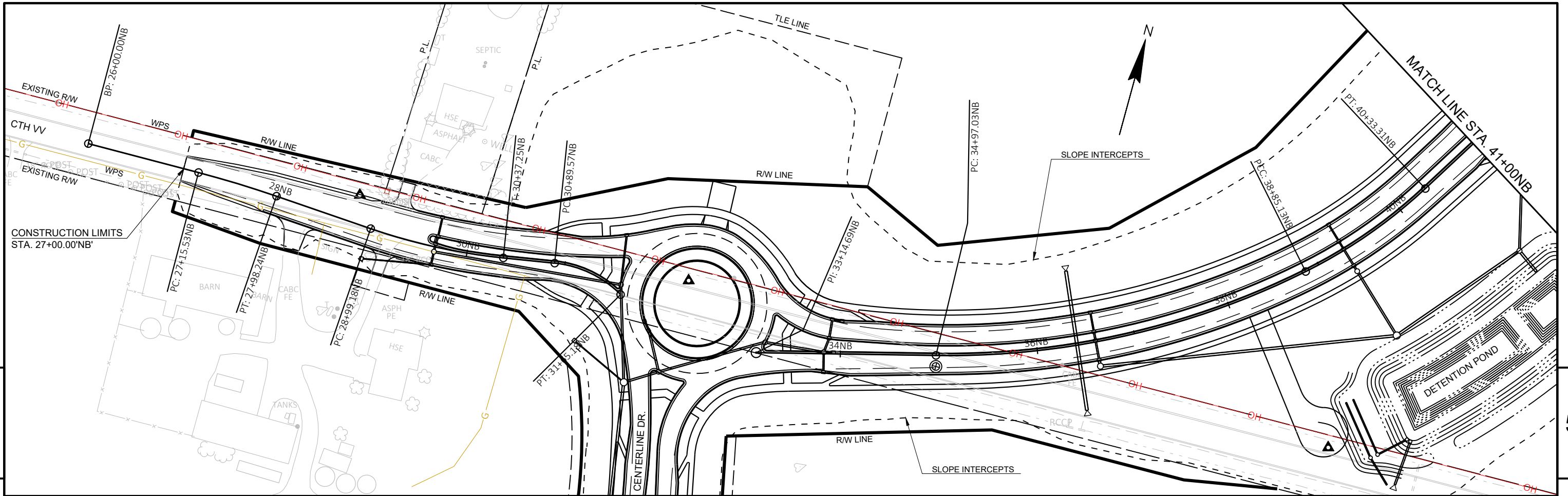
CONNECTION RD.-PLAN DETAIL WITH REMOVALS

SHEET

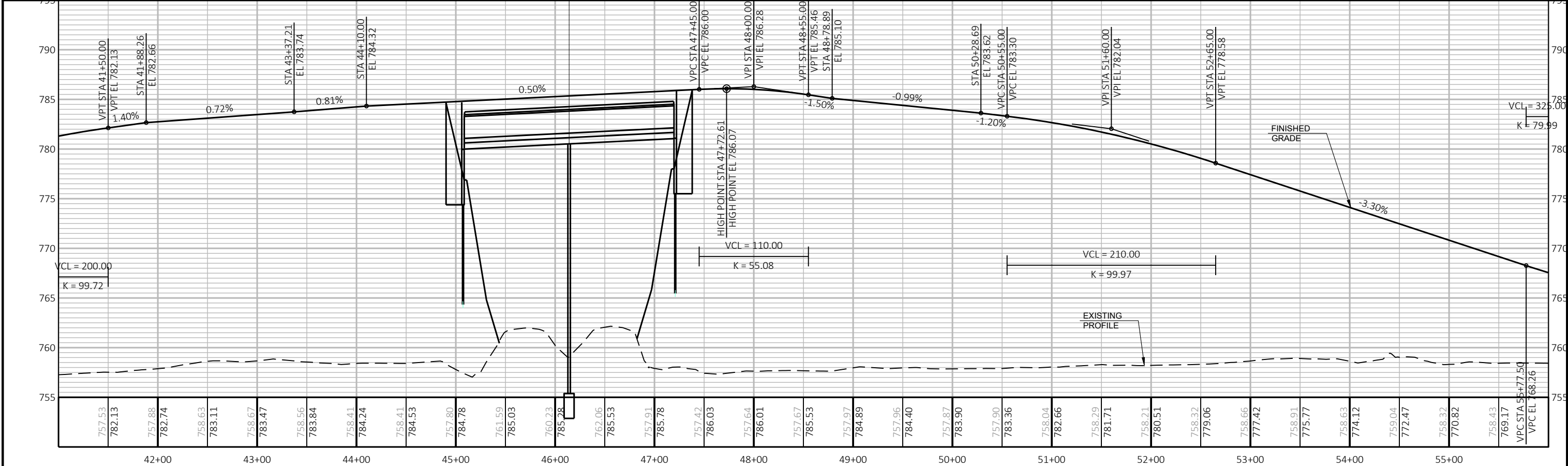
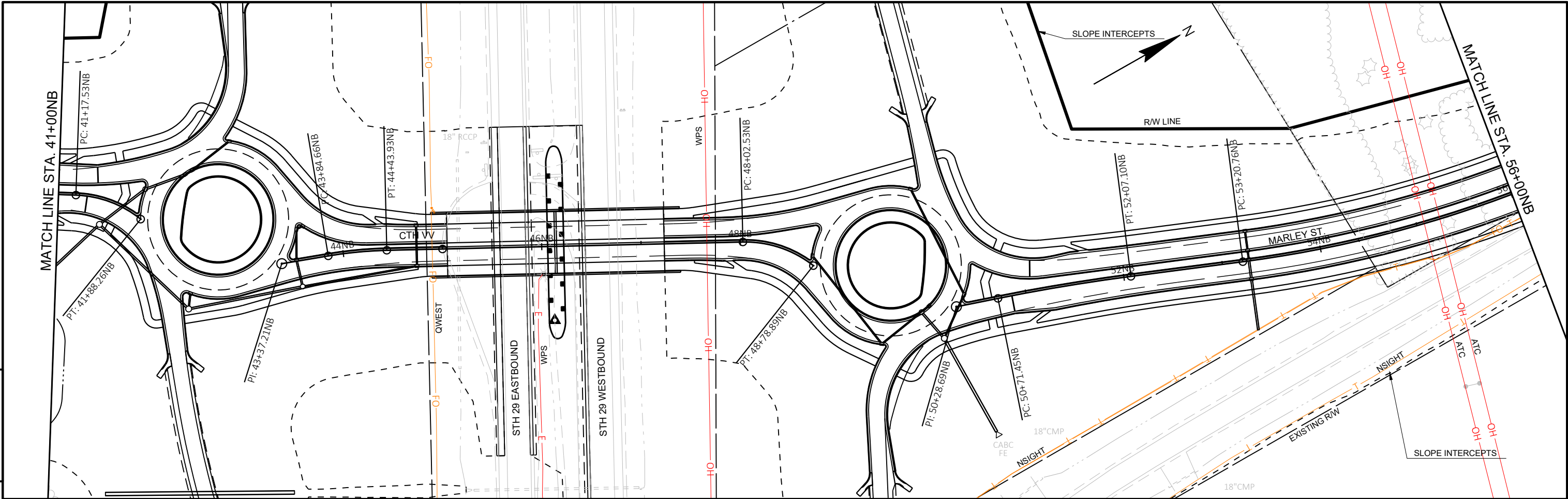
E



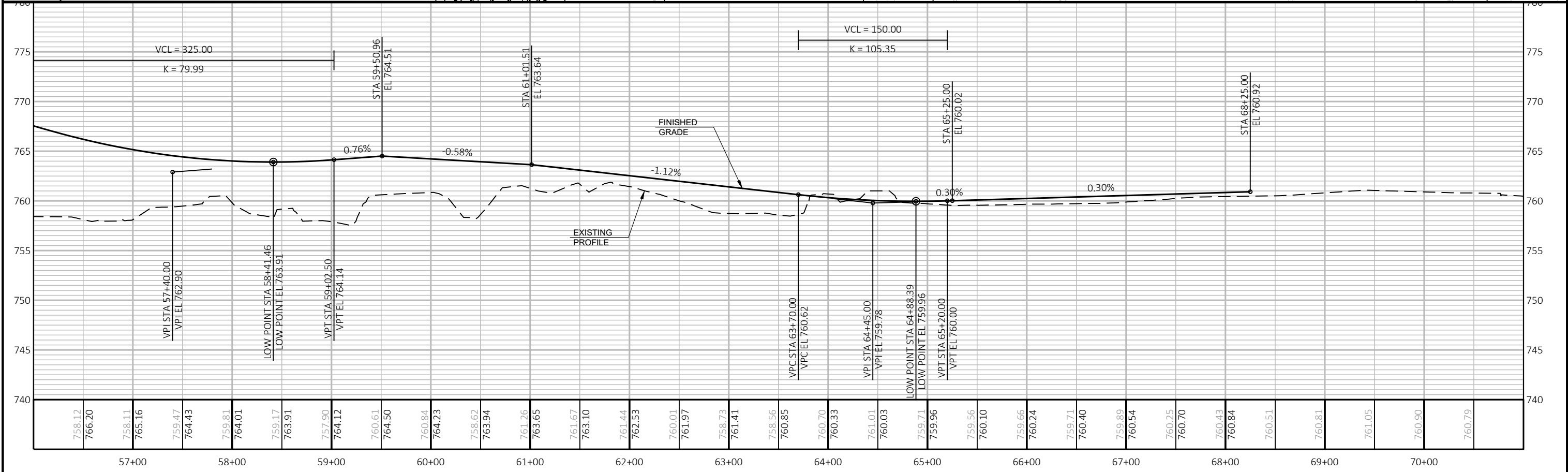
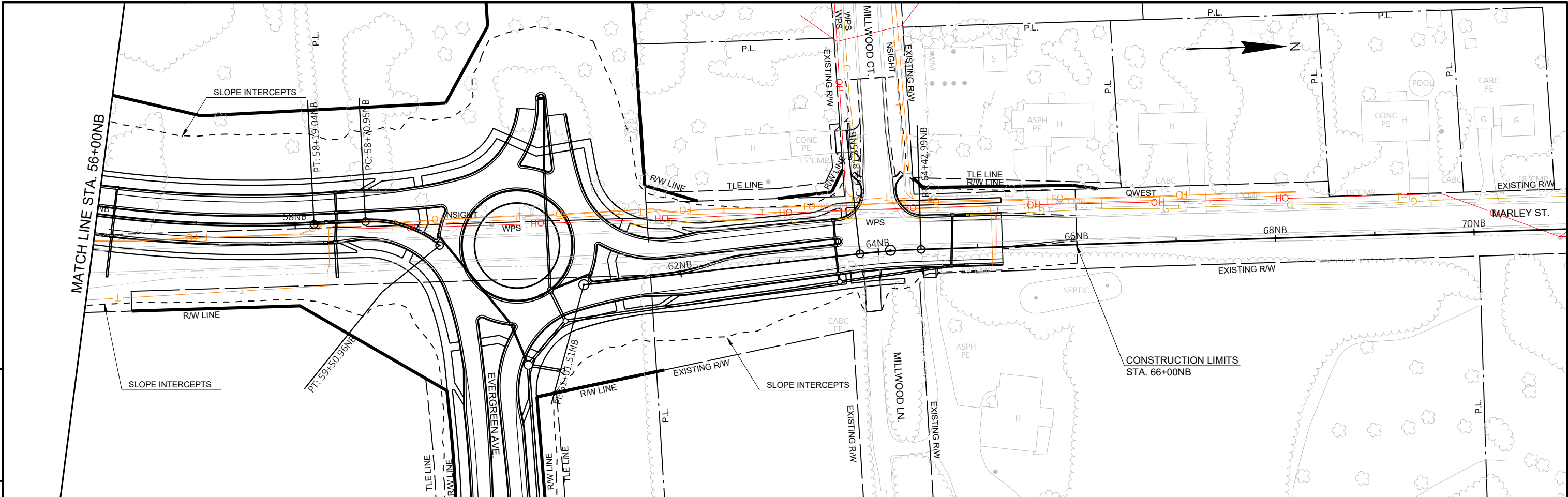




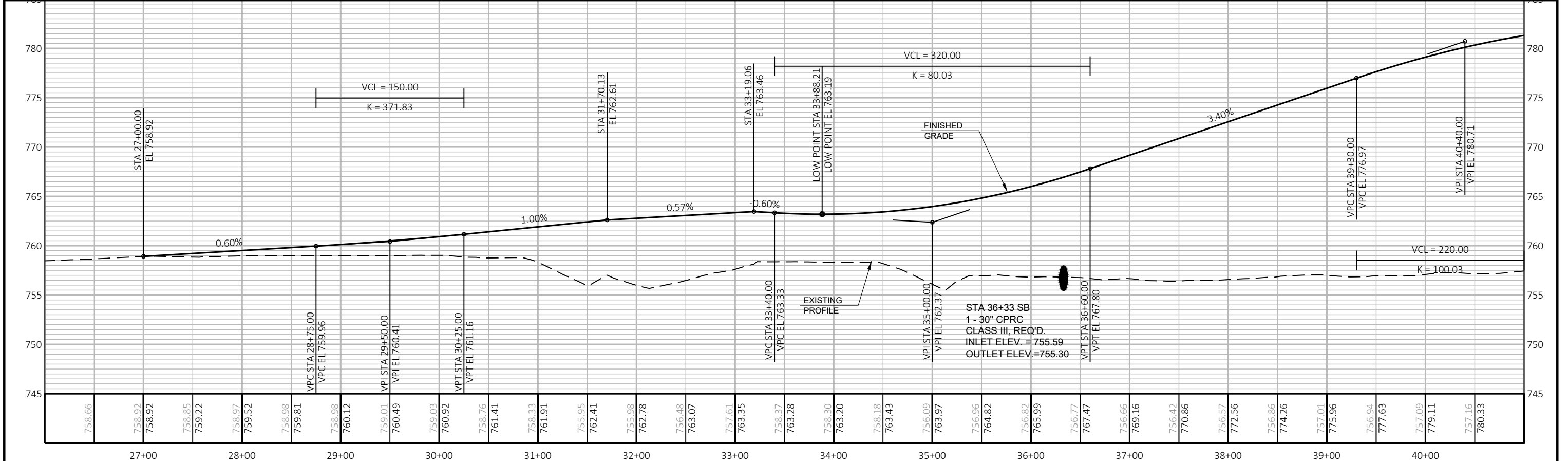
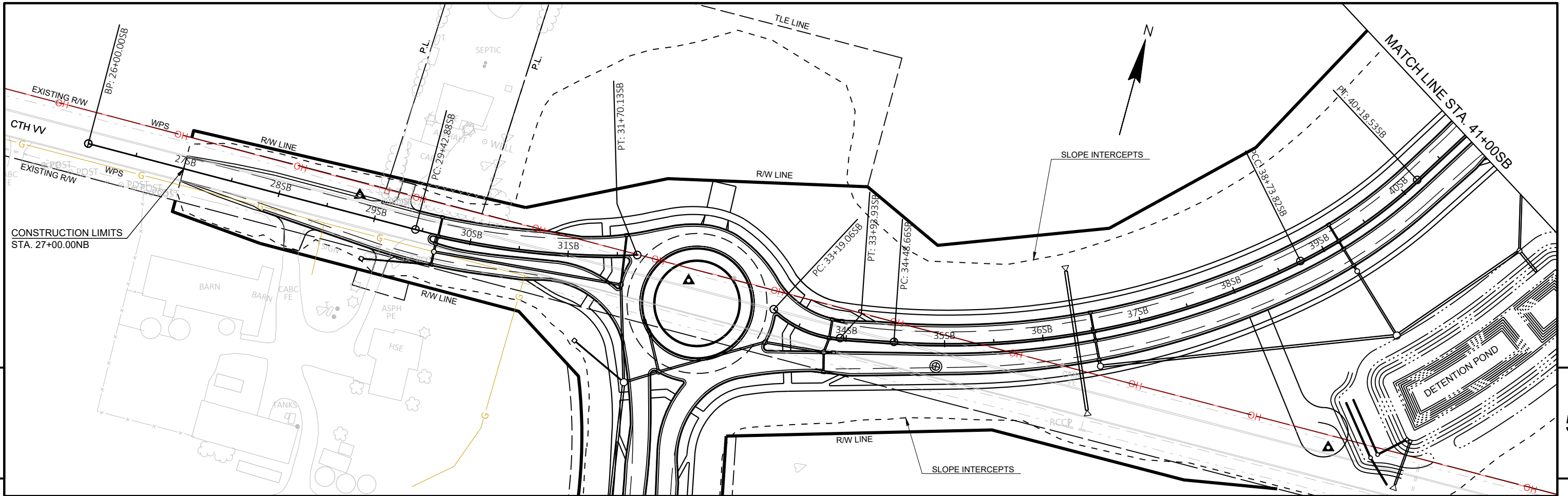
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|------------------------|-------------|---------------|-------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: CTH VV NORTHBOUND | SHEET | E |
|------------------------|-------------|---------------|-------------------------------------|-------|---|



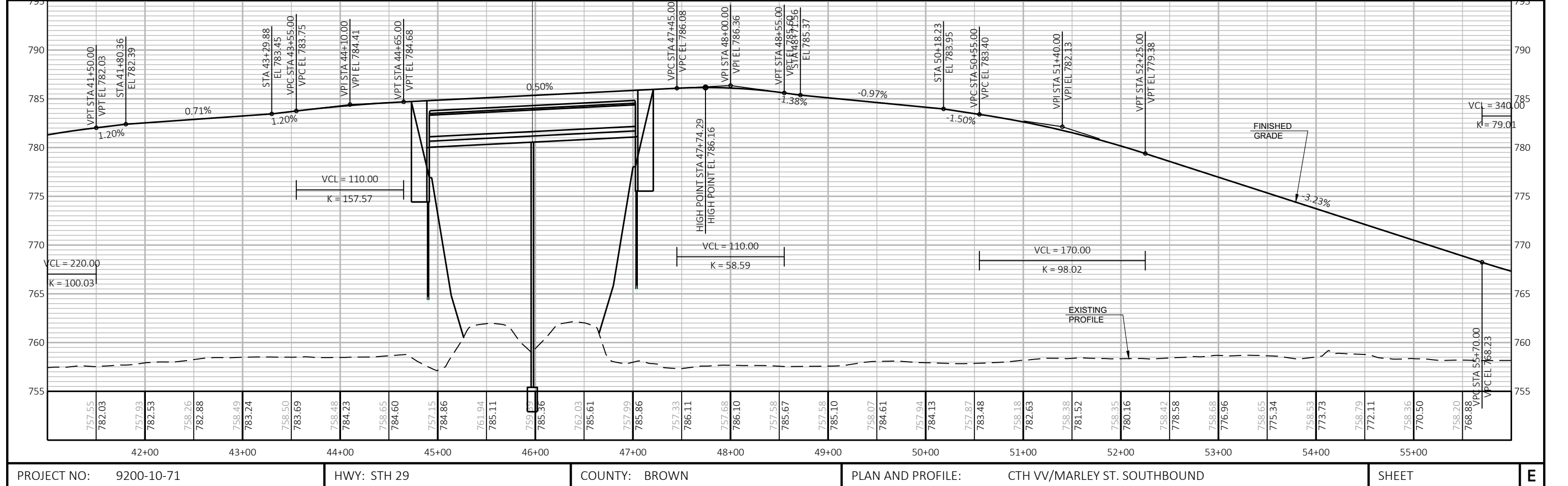
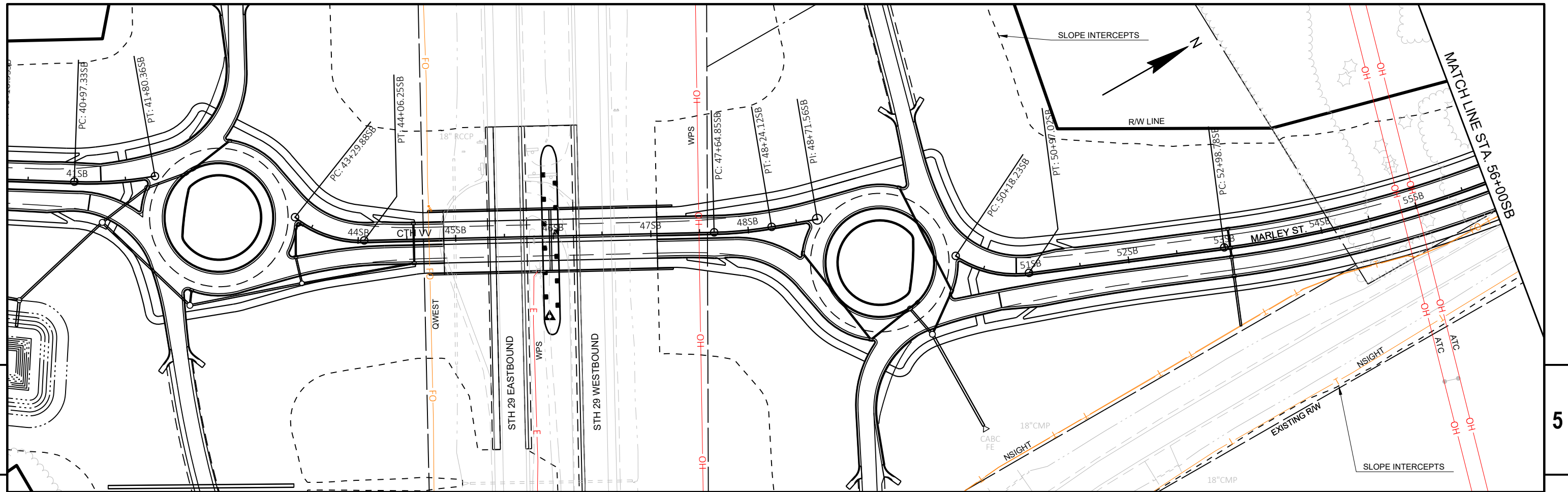
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|------------------------|-------------|---------------|------------------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: CTH VV/MARLEY ST. NORTHBOUND | SHEET | E |
|------------------------|-------------|---------------|------------------------------------------------|-------|---|

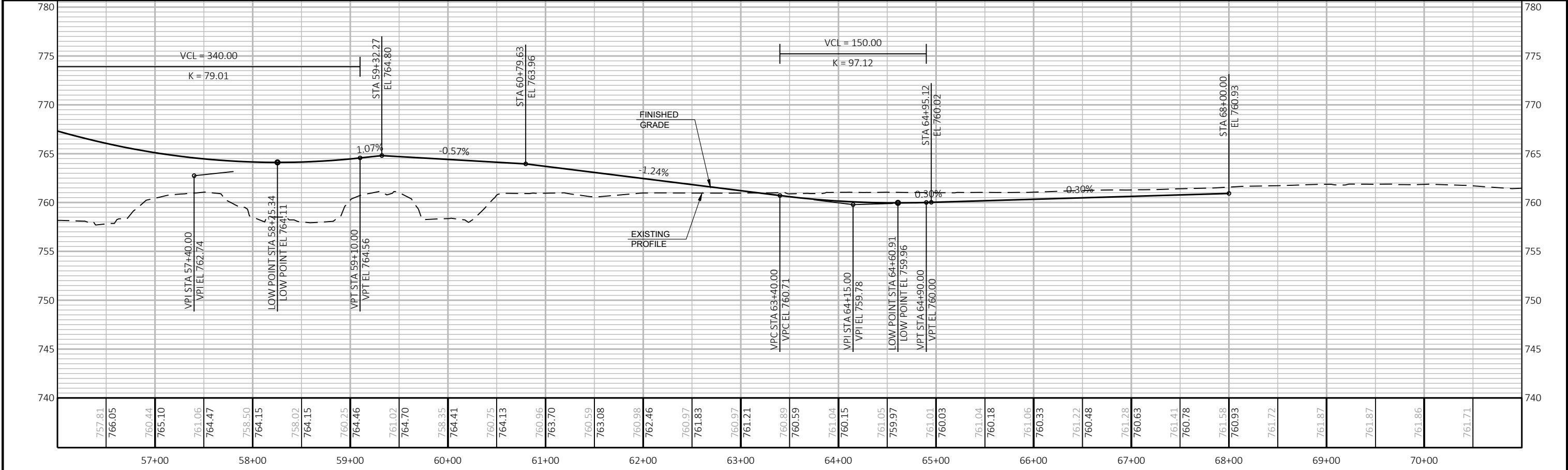
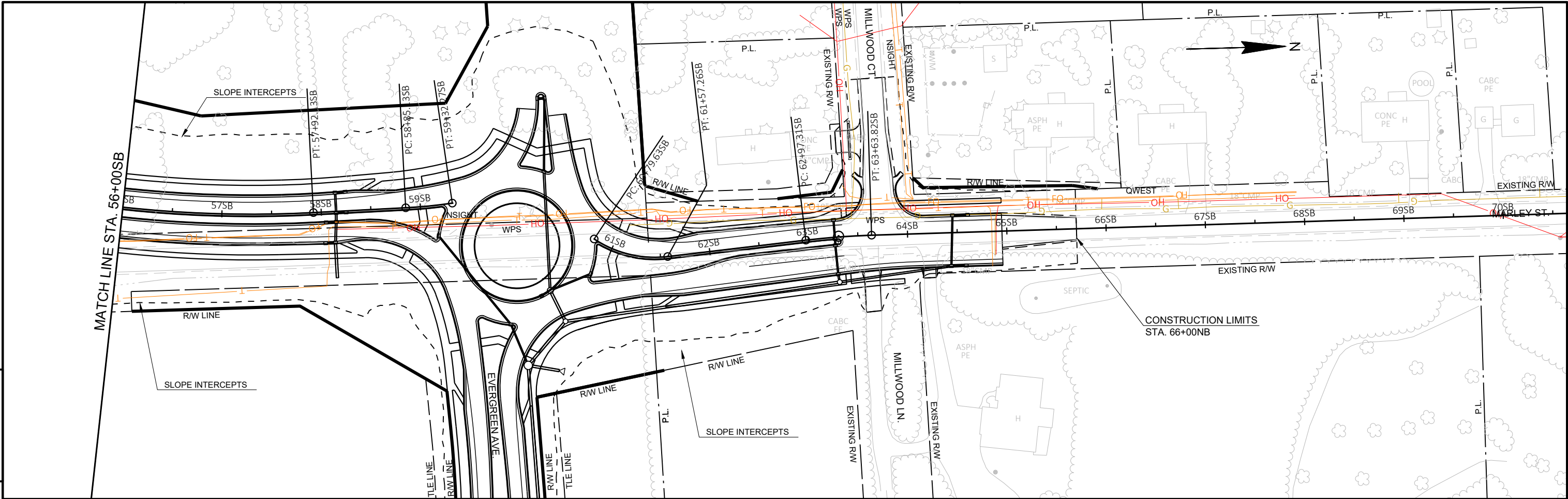


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| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | MARLEY ST. NORTHBOUND | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|-----------------------|-------|---|

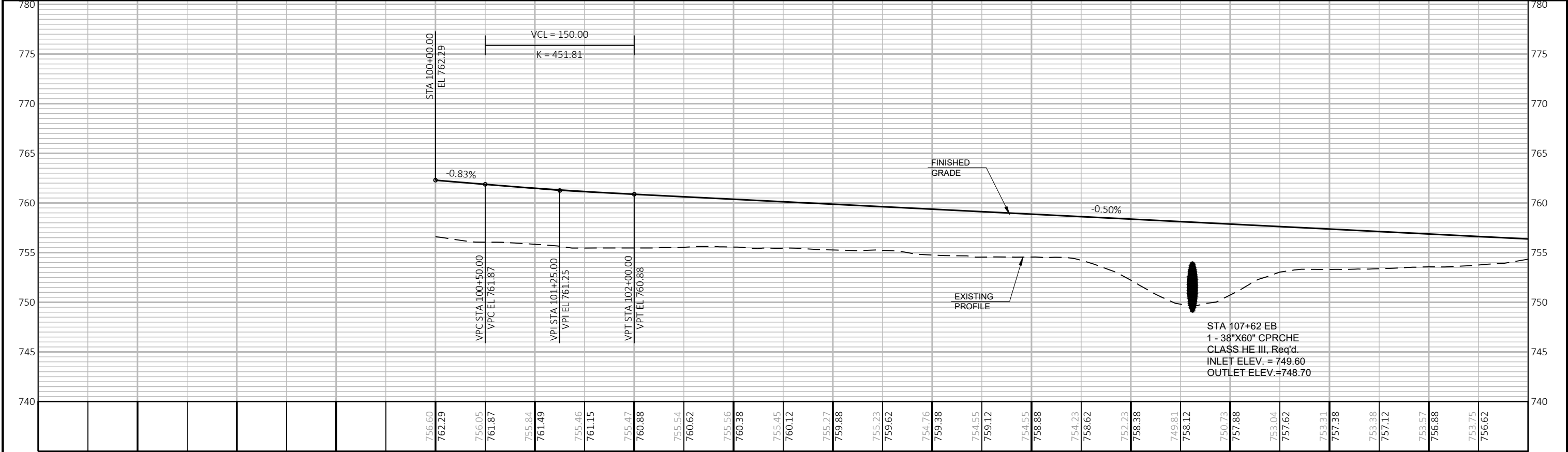
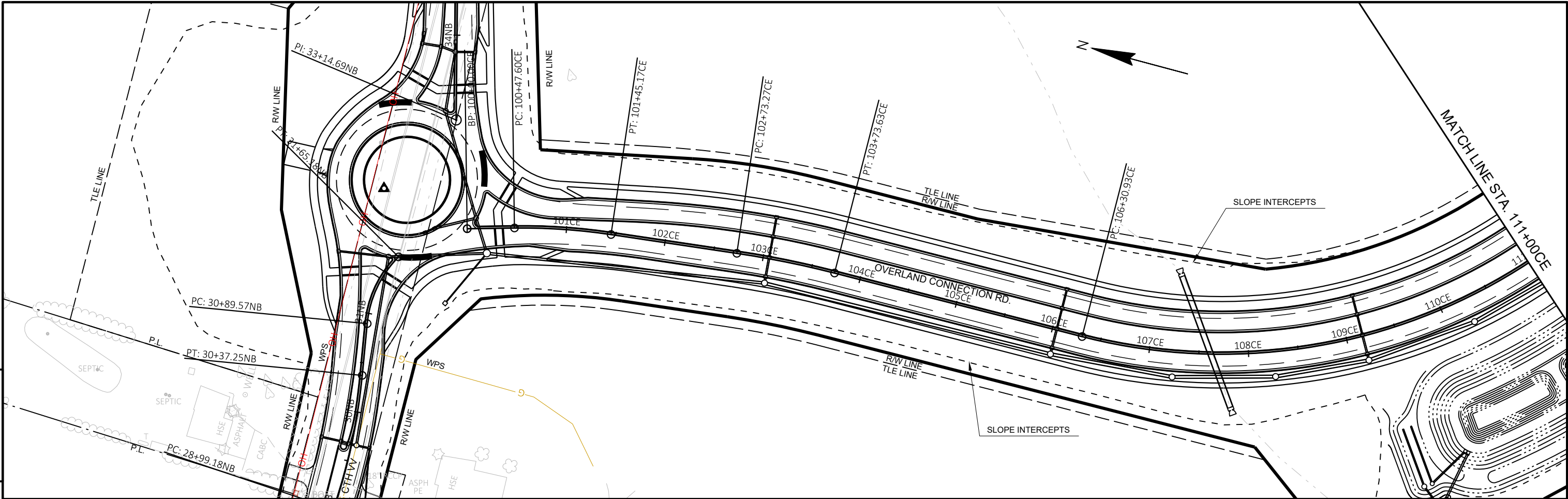


|                        |             |               |                                     |       |   |
|------------------------|-------------|---------------|-------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: CTH VV SOUTHBOUND | SHEET | E |
|------------------------|-------------|---------------|-------------------------------------|-------|---|

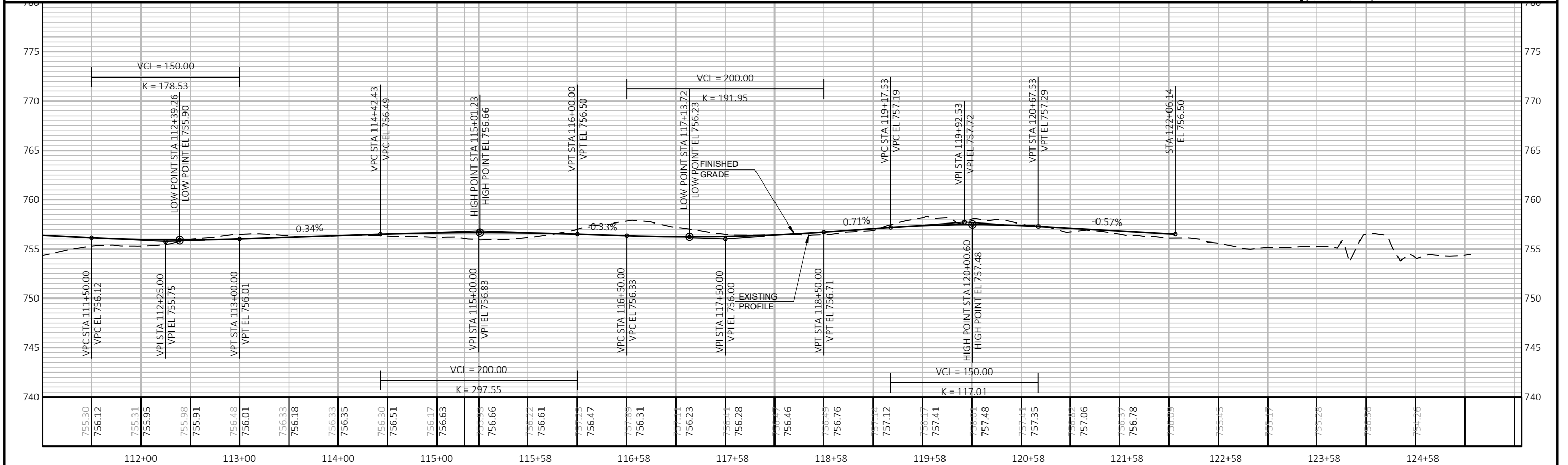
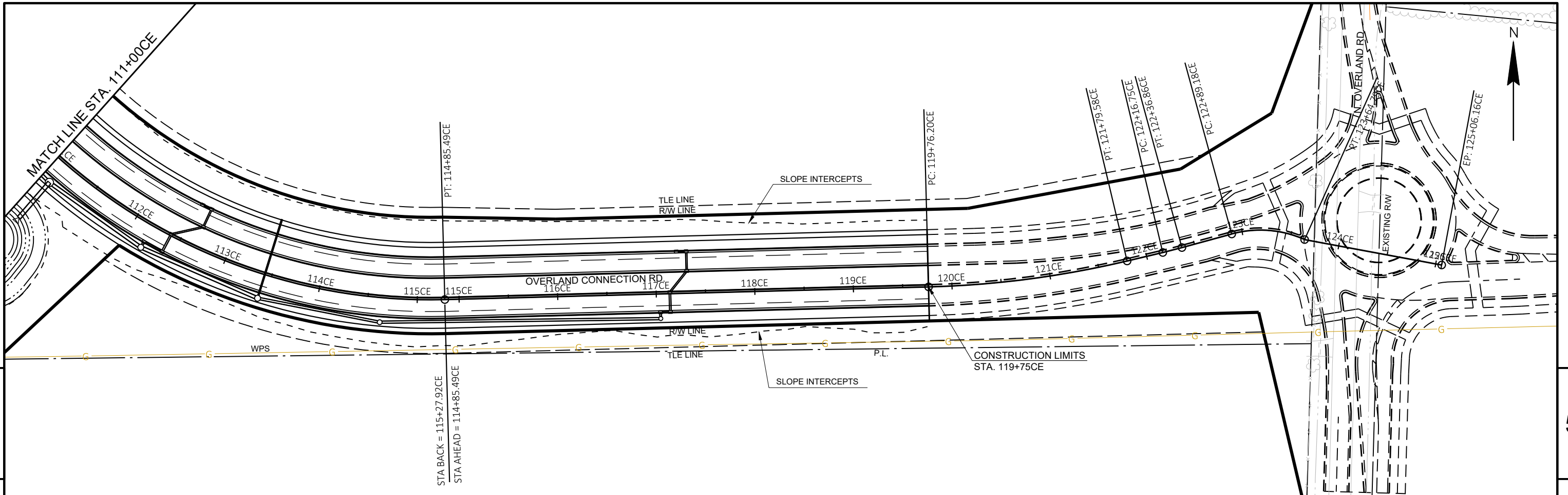




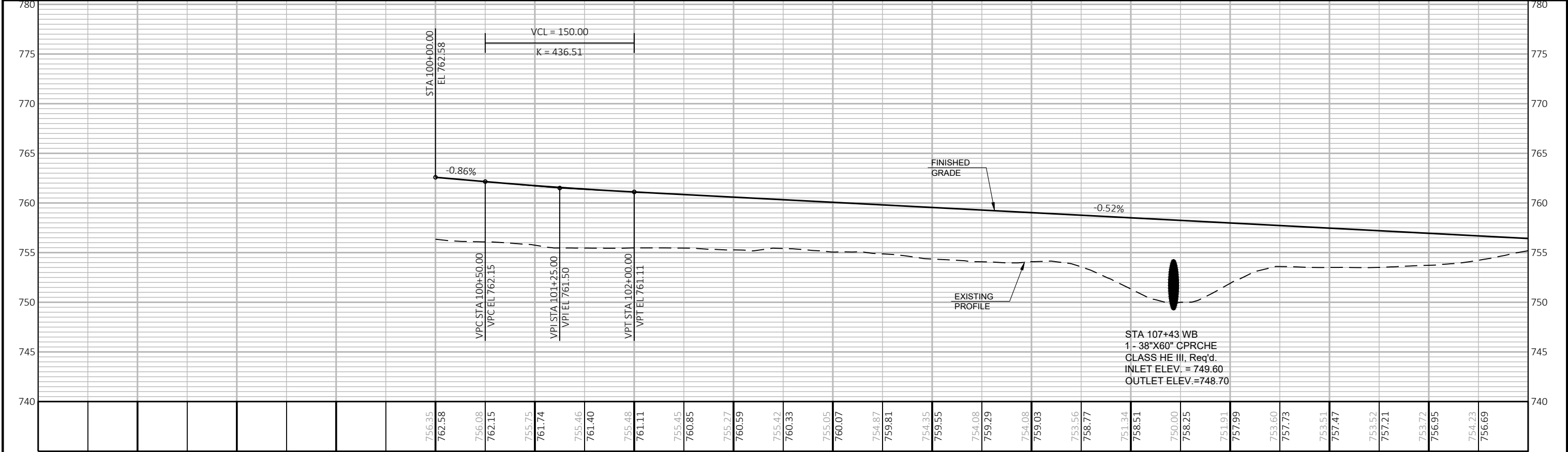
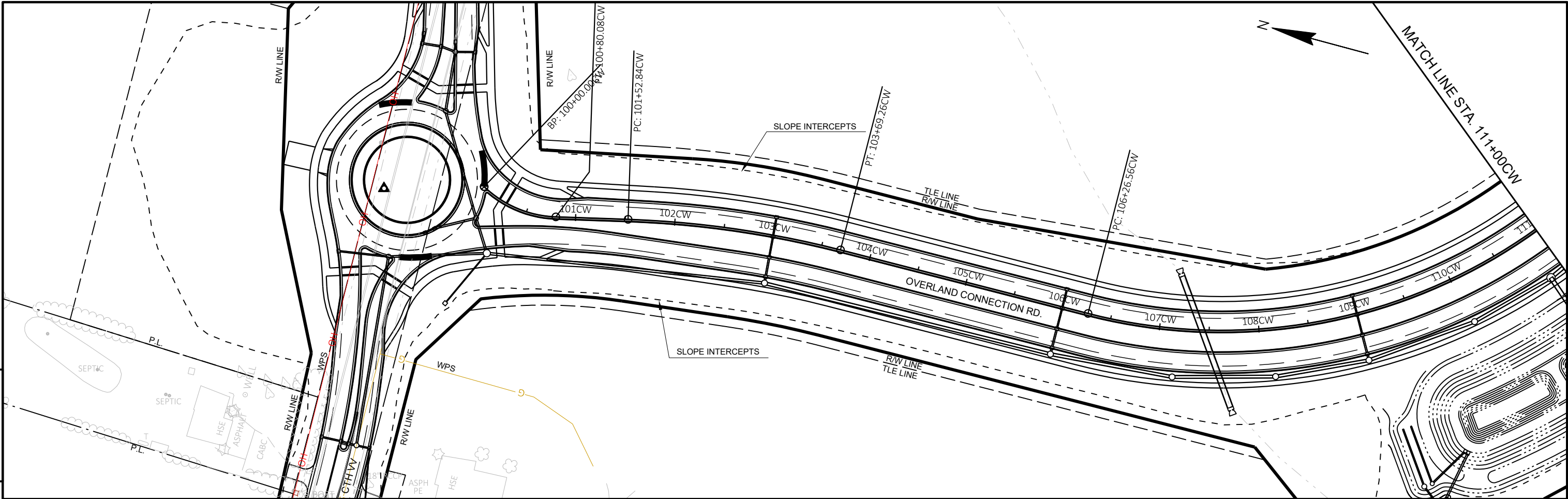
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|------------------------|-------------|---------------|-----------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: MARLEY ST. SOUTHBOUND | SHEET | E |
|------------------------|-------------|---------------|-----------------------------------------|-------|---|



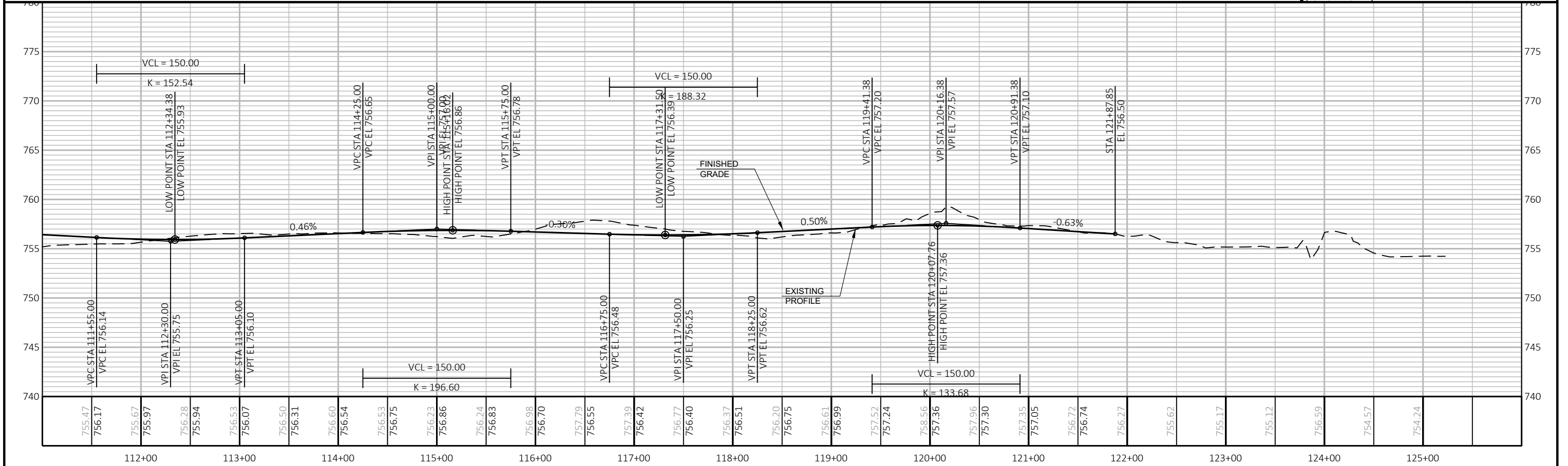
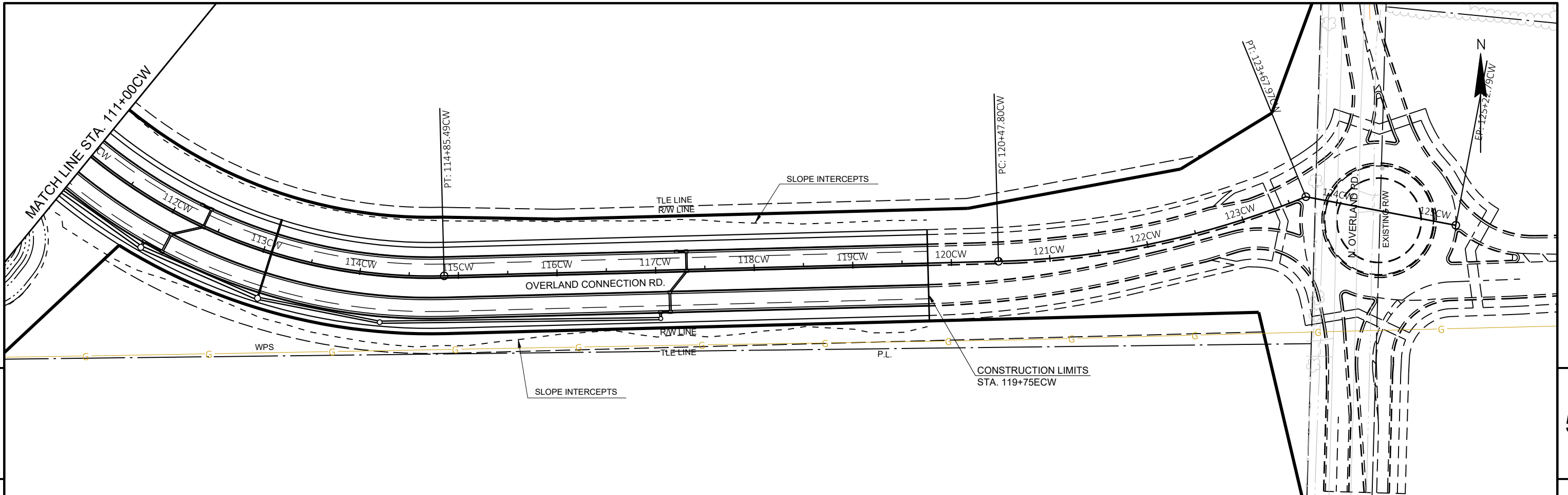
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|-------------|------------|------|--------|---------|-------|-------------------|-----------------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | OVERLAND CONNECTION RD. EASTBOUND | SHEET | 5 |
|-------------|------------|------|--------|---------|-------|-------------------|-----------------------------------|-------|---|



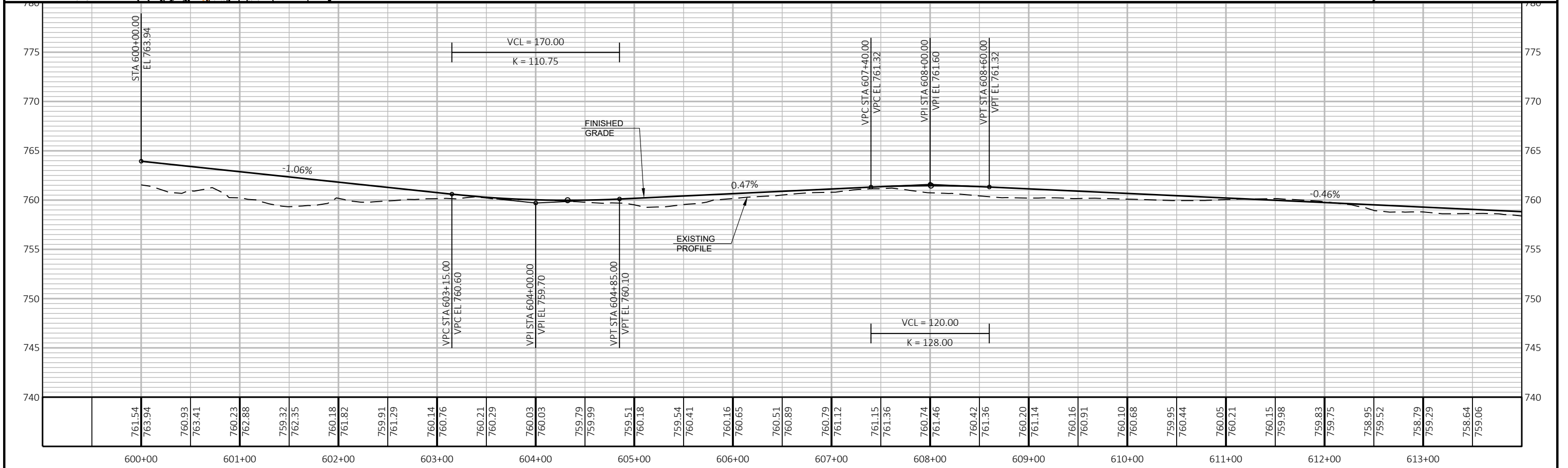
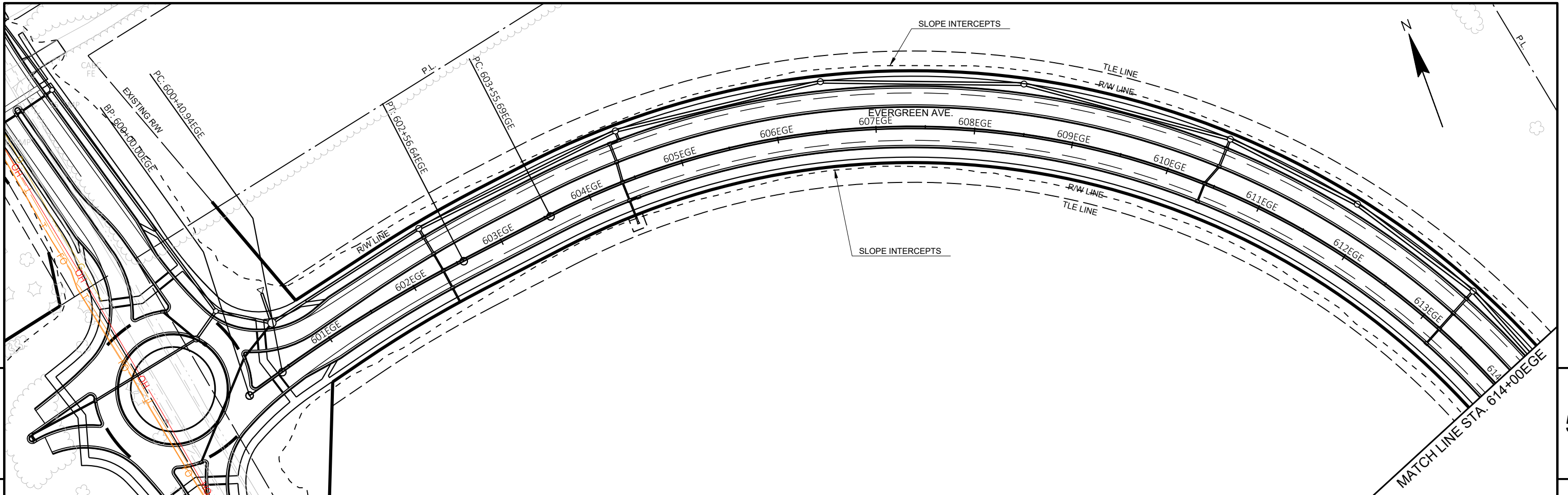
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|------------------------|-------------|---------------|-----------------------------------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: OVERLAND CONNECTION RD. EASTBOUND | SHEET | E |
|------------------------|-------------|---------------|-----------------------------------------------------|-------|---|



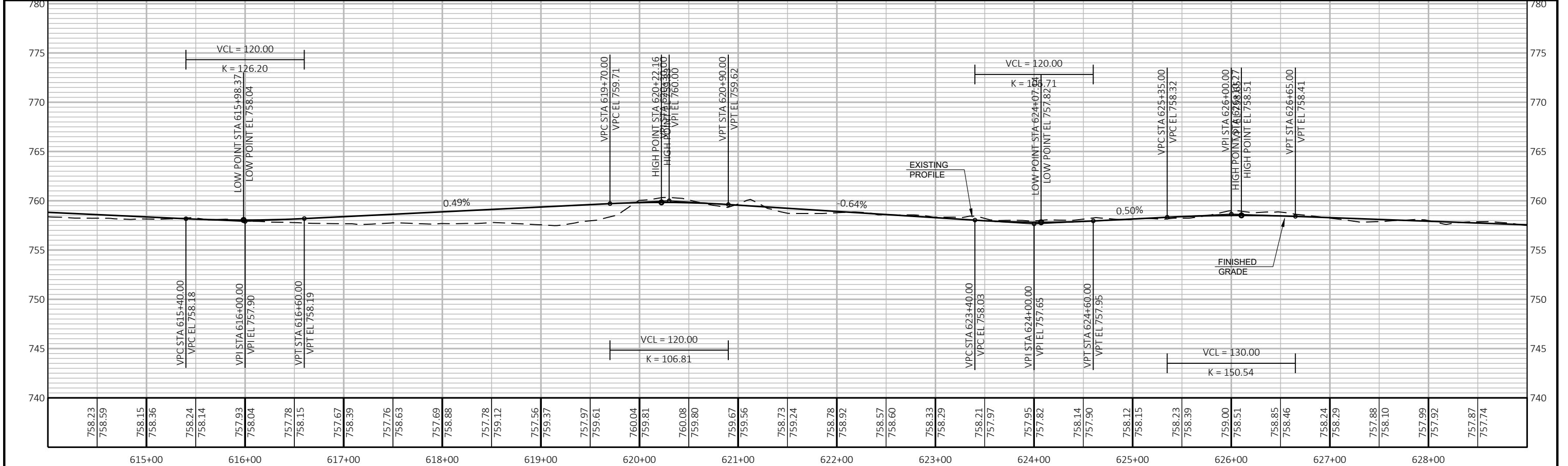
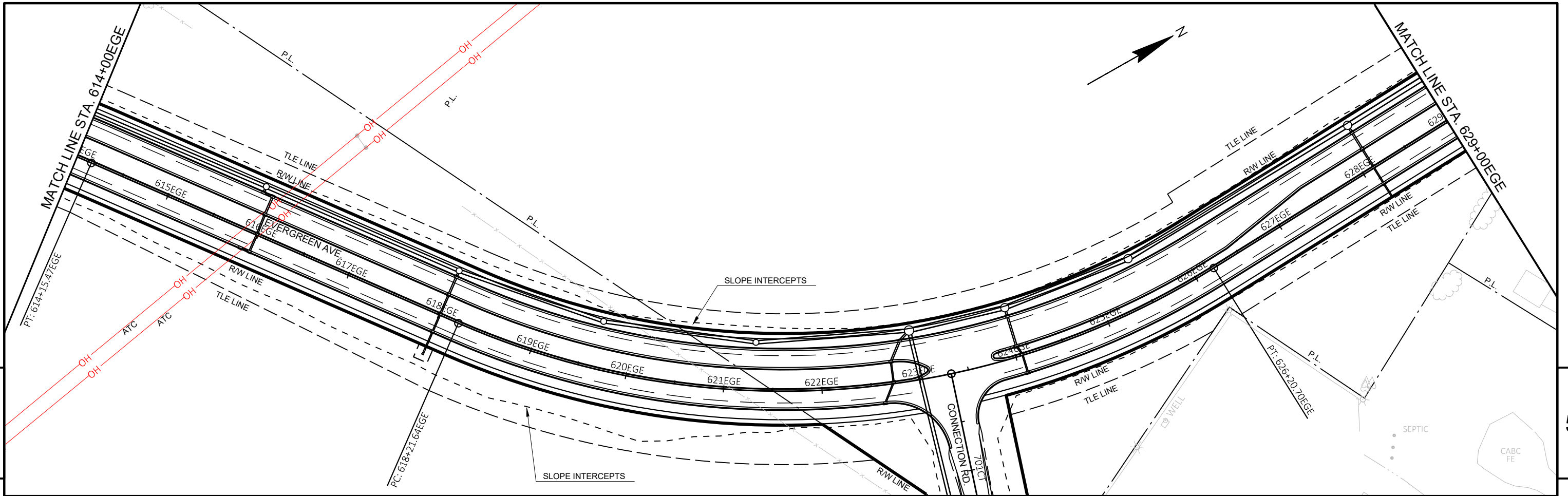
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|-------------|------------|------|--------|---------|-------|-------------------|-----------------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | OVERLAND CONNECTION RD. WESTBOUND | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|-----------------------------------|-------|---|



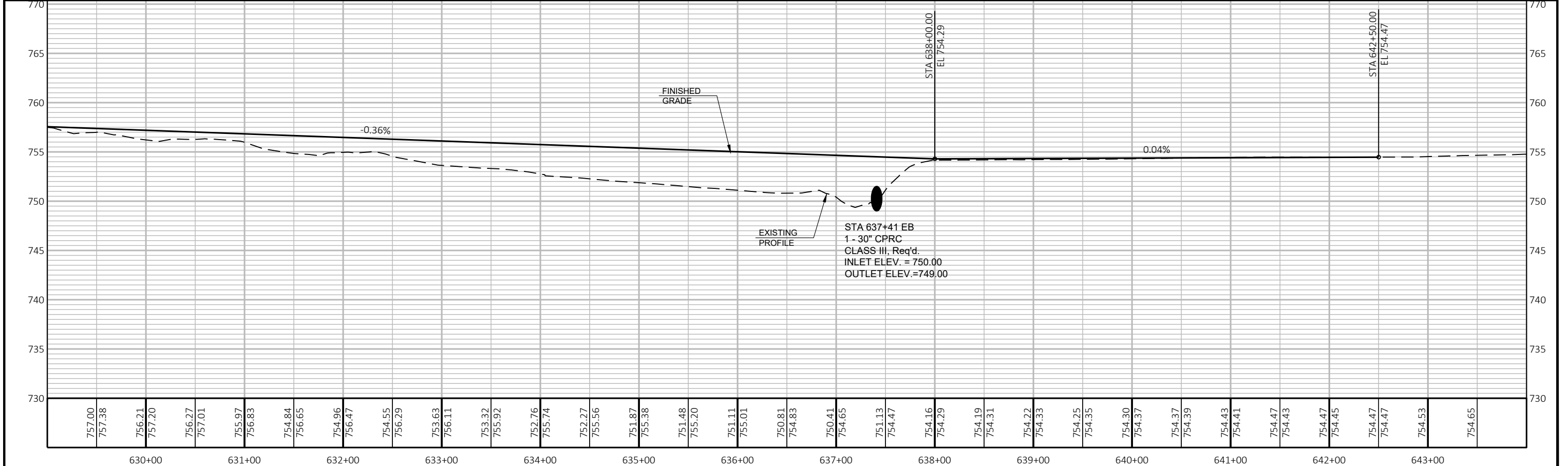
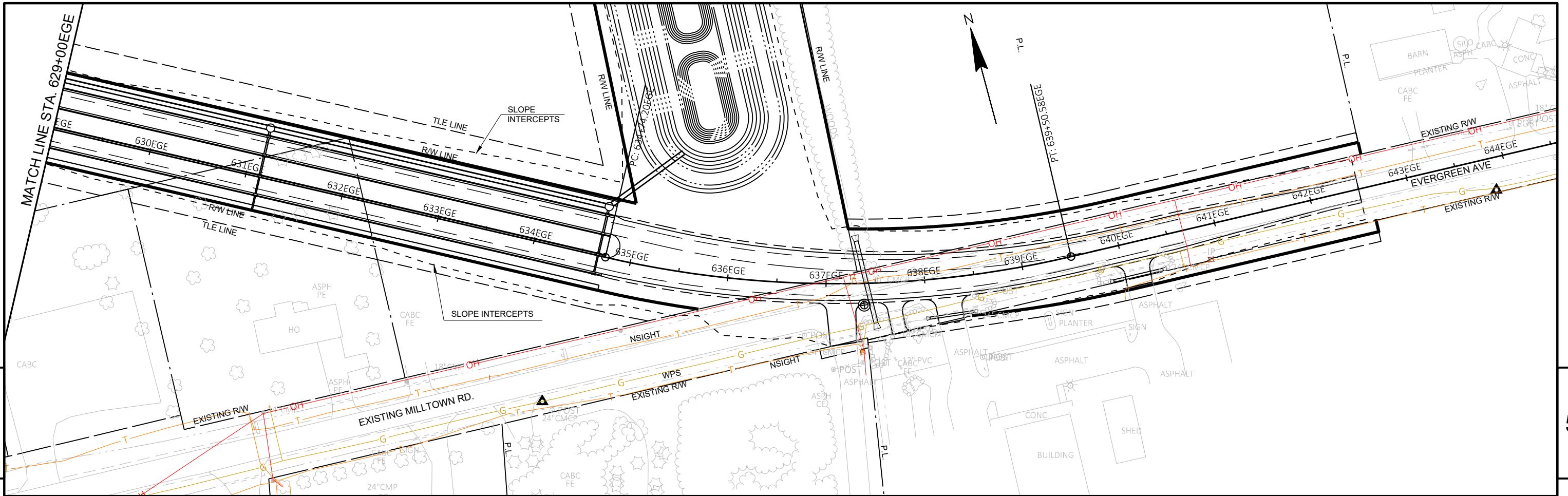
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| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | OVERLAND CONNECTION RD. WESTBOUND | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|-----------------------------------|-------|---|

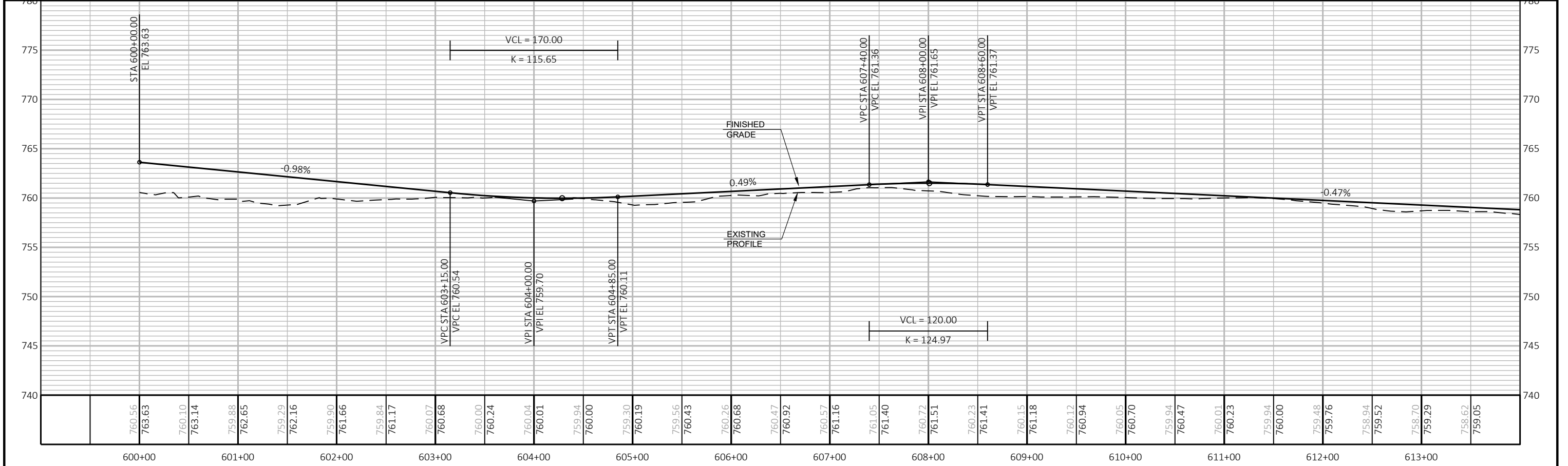
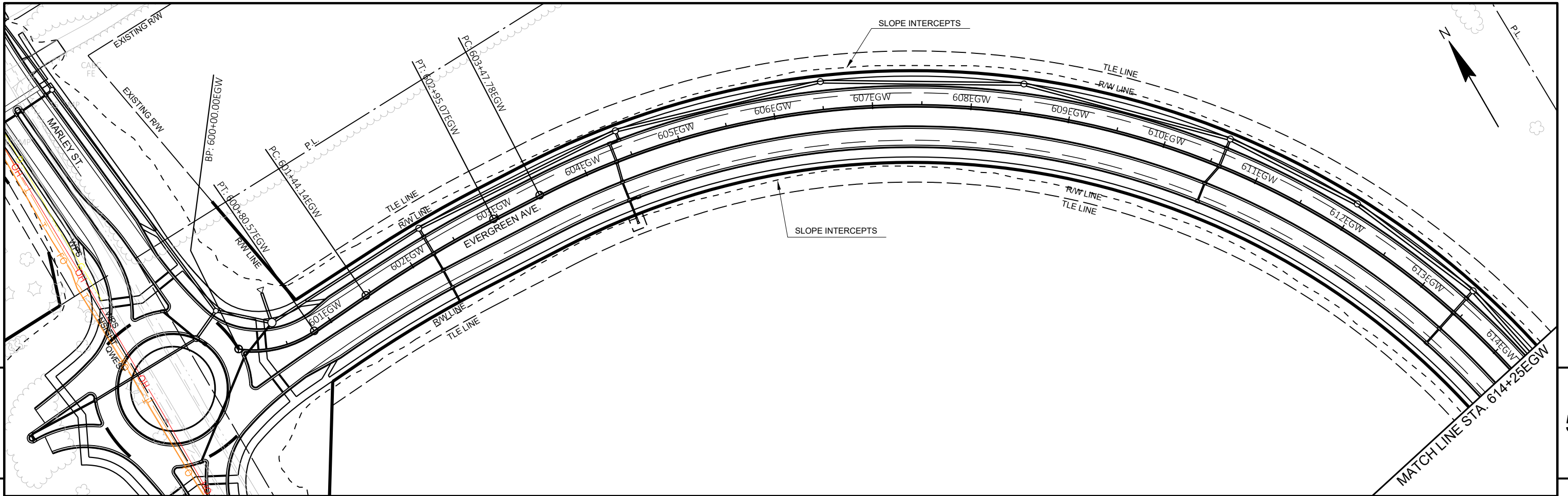


|                        |             |               |                                            |         |
|------------------------|-------------|---------------|--------------------------------------------|---------|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: EVERGREEN AVE. EASTBOUND | SHEET 5 |
|------------------------|-------------|---------------|--------------------------------------------|---------|

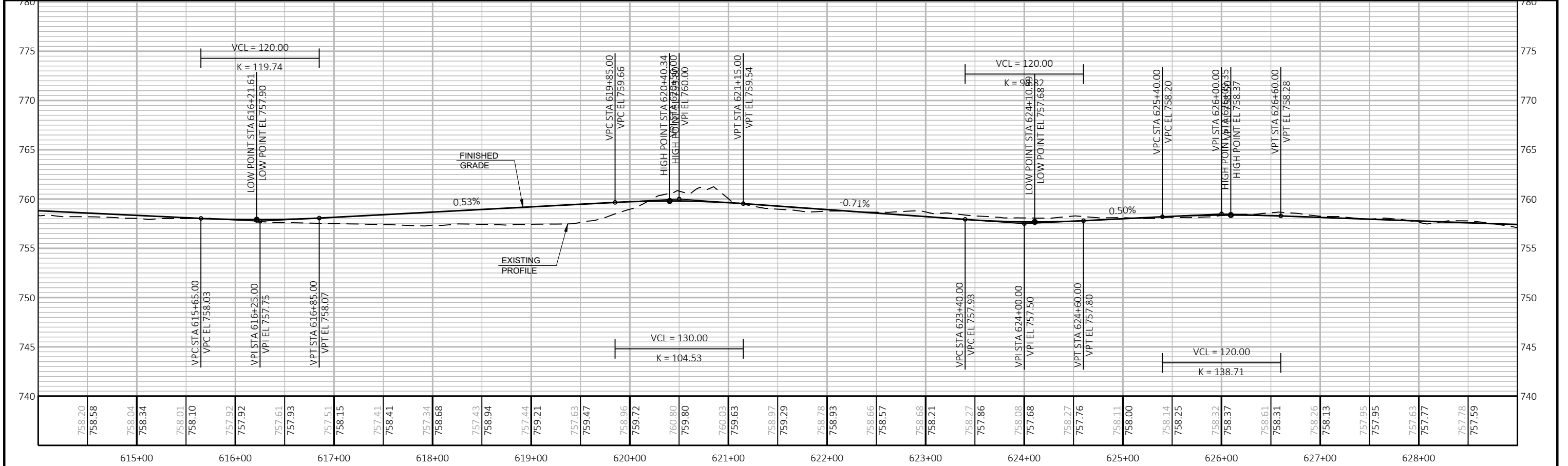
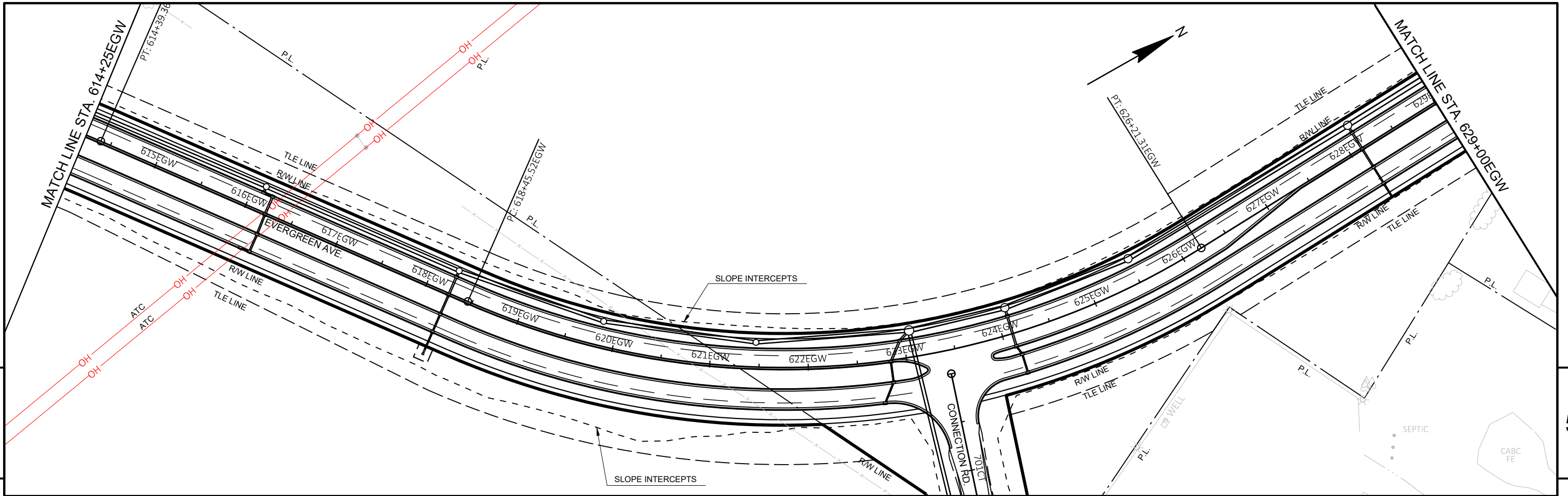


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|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | EVERGREEN AVE. EASTBOUND | SHEET | 5 |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|

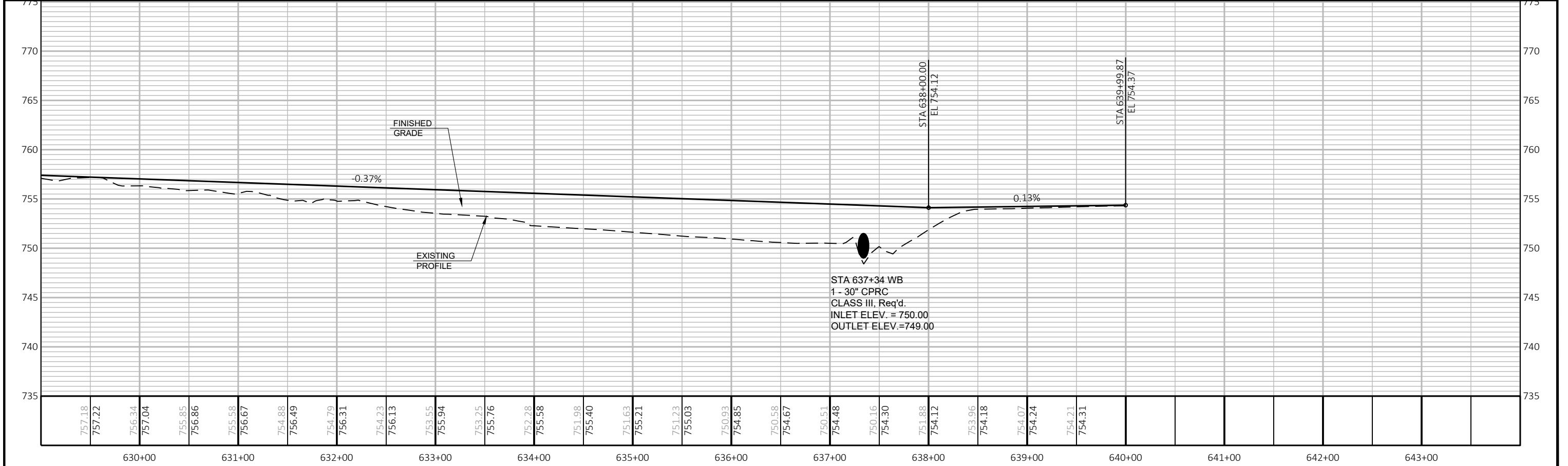
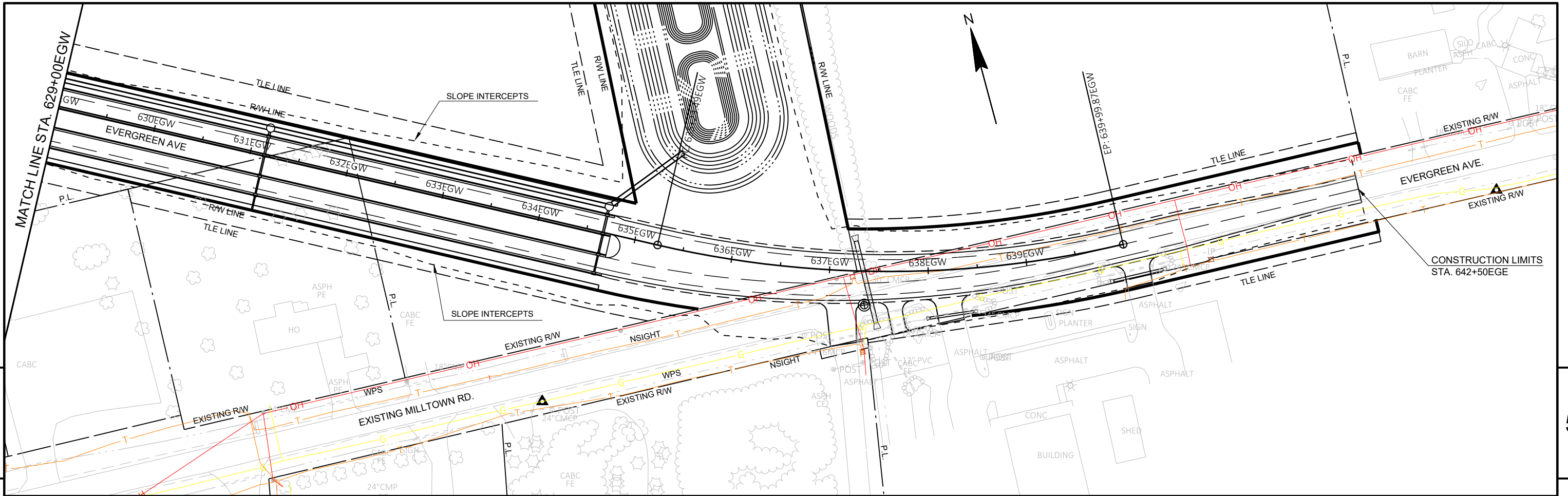




|             |            |      |        |         |       |                   |                          |       |   |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | EVERGREEN AVE. WESTBOUND | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|

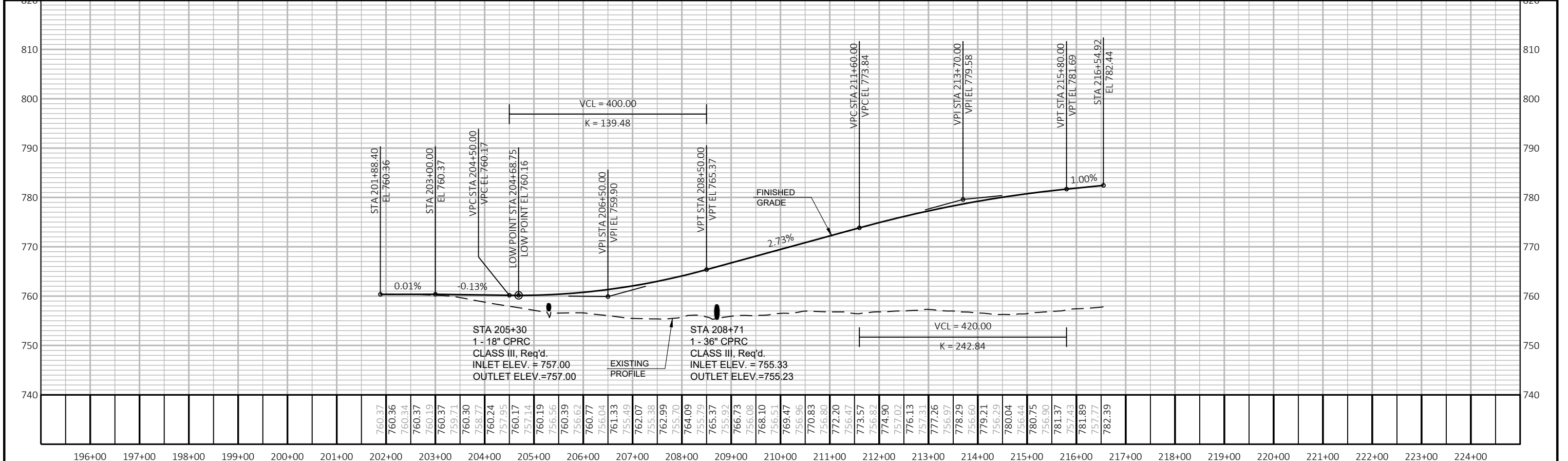
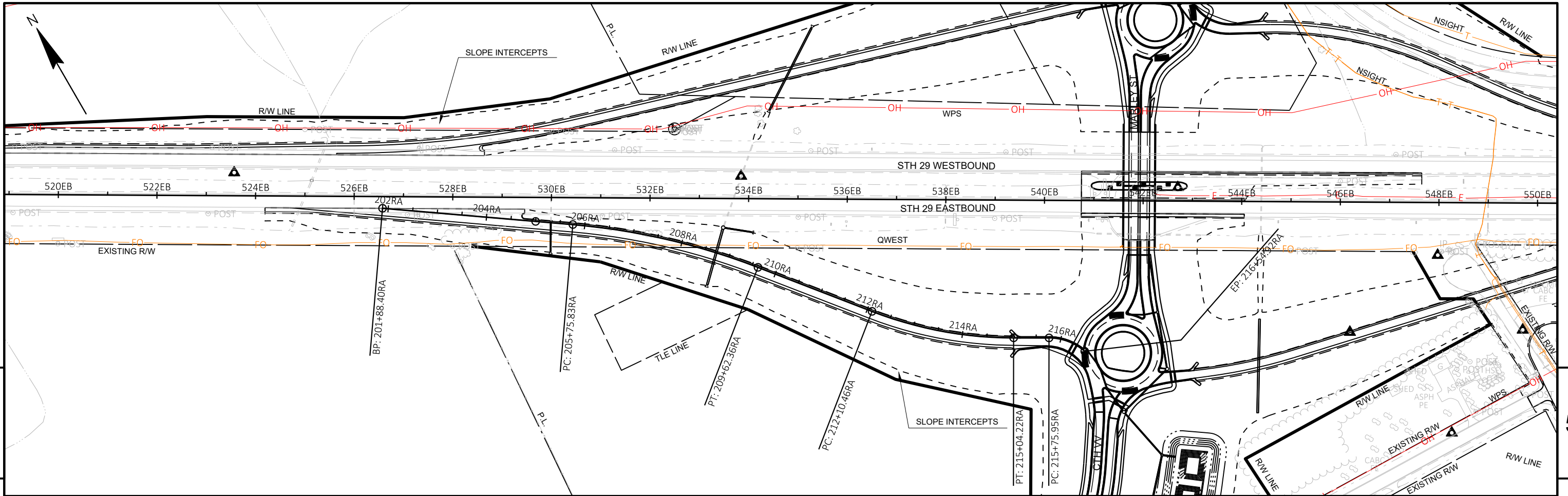


|             |            |      |        |         |       |                   |                          |       |   |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | EVERGREEN AVE. WESTBOUND | SHEET | 5 |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|

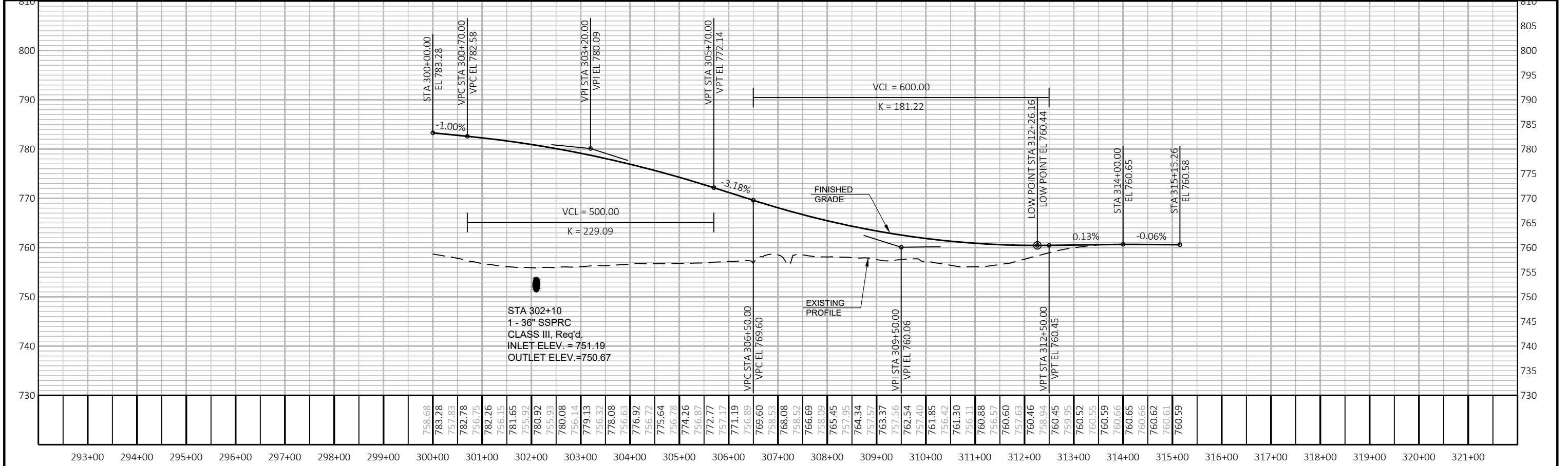
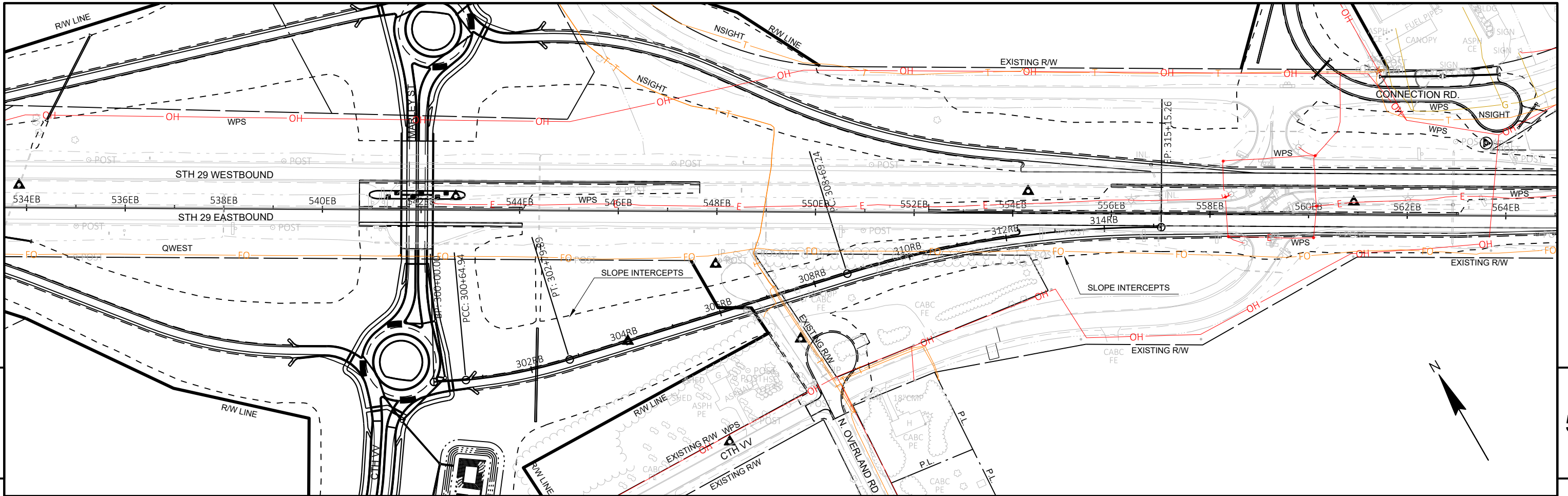


|             |            |      |        |         |       |                   |                          |       |   |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | EVERGREEN AVE. WESTBOUND | SHEET | 5 |
|-------------|------------|------|--------|---------|-------|-------------------|--------------------------|-------|---|

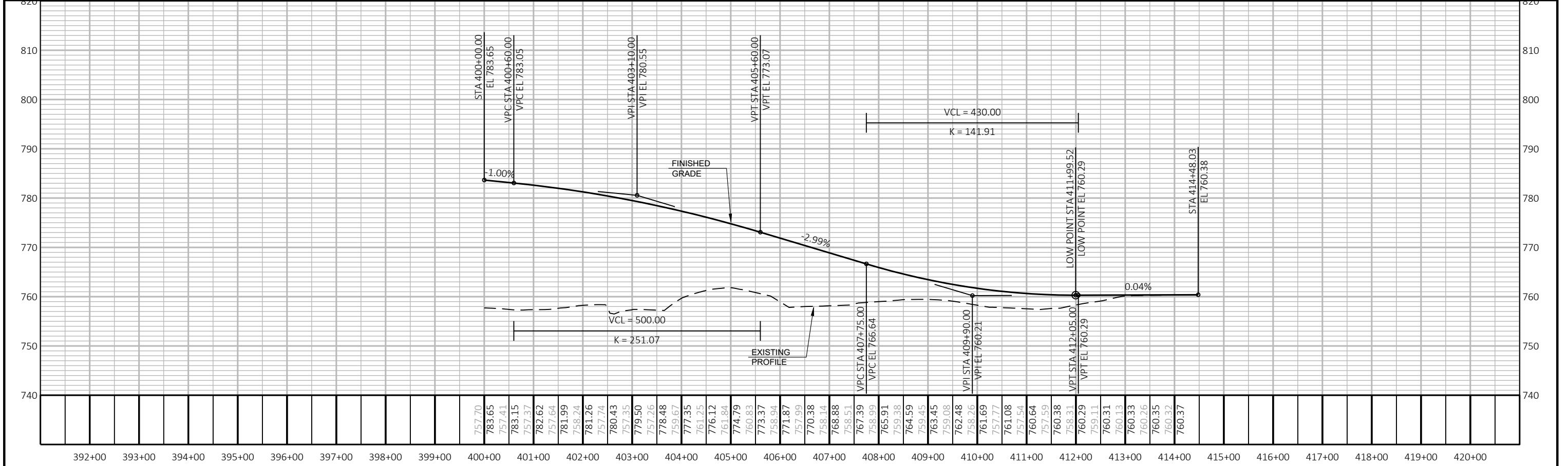
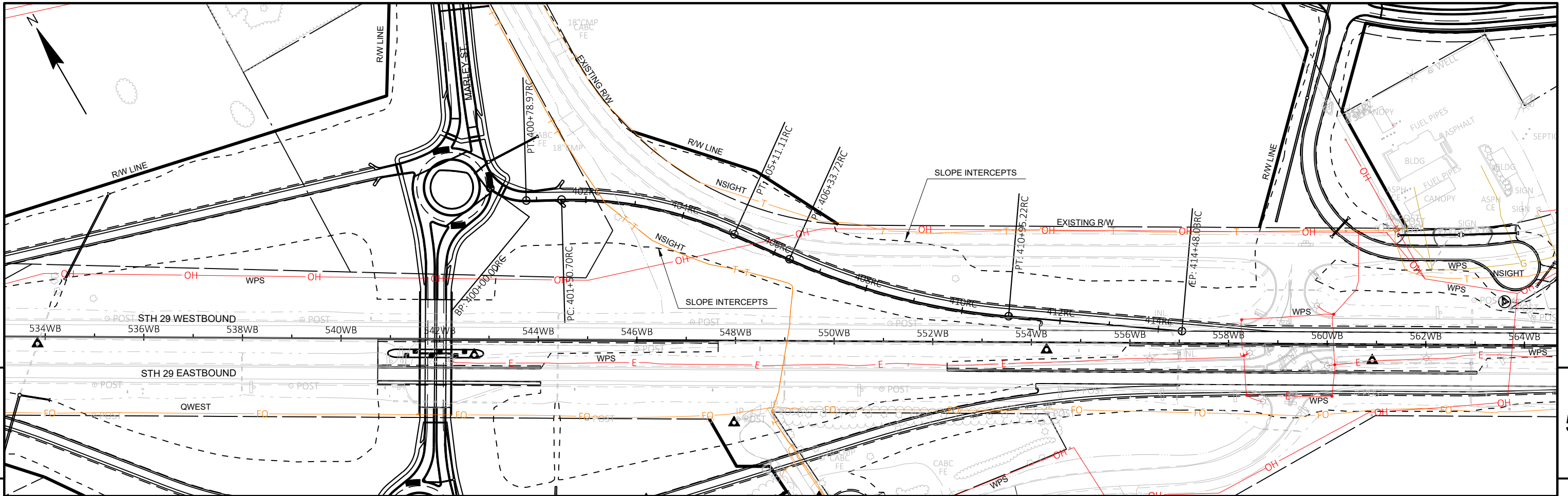




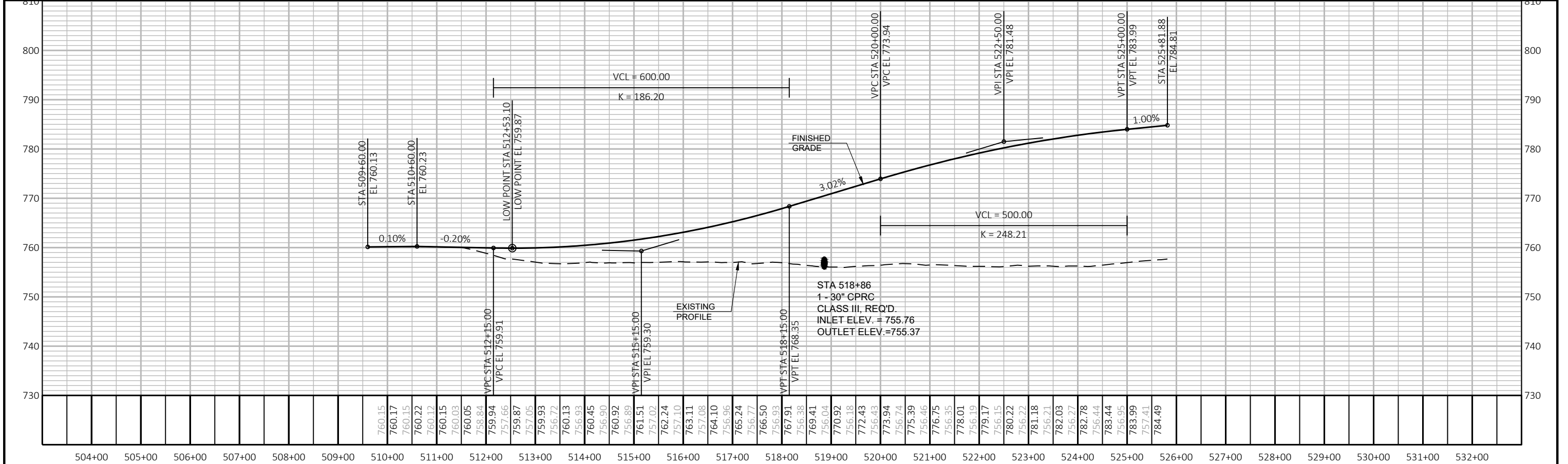
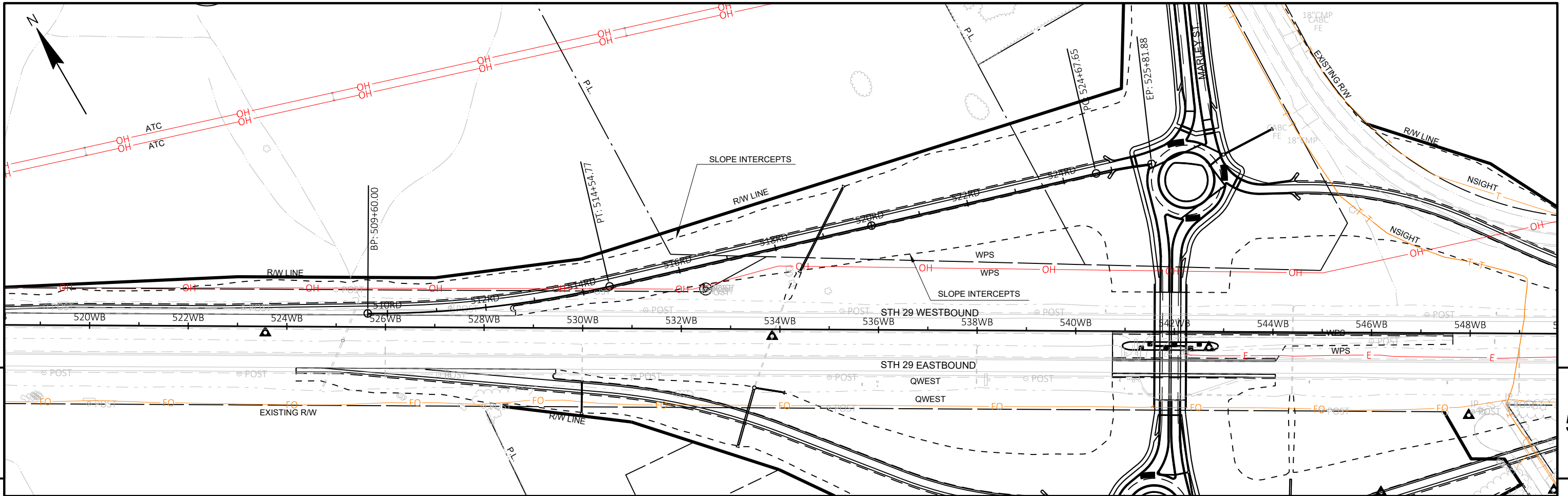
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|-------------|------------|------|--------|---------|-------|-------------------|----------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | RAMP 'A' | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|----------|-------|---|



|                        |             |               |                            |       |   |
|------------------------|-------------|---------------|----------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: RAMP 'B' | SHEET | E |
|------------------------|-------------|---------------|----------------------------|-------|---|



|             |            |      |        |         |       |                   |          |       |   |
|-------------|------------|------|--------|---------|-------|-------------------|----------|-------|---|
| PROJECT NO: | 9200-10-71 | HWY: | STH 29 | COUNTY: | BROWN | PLAN AND PROFILE: | RAMP 'C' | SHEET | E |
|-------------|------------|------|--------|---------|-------|-------------------|----------|-------|---|



|                        |             |               |                            |       |   |
|------------------------|-------------|---------------|----------------------------|-------|---|
| PROJECT NO: 9200-10-71 | HWY: STH 29 | COUNTY: BROWN | PLAN AND PROFILE: RAMP 'D' | SHEET | E |
|------------------------|-------------|---------------|----------------------------|-------|---|

**Attachment 4**  
**List of Riparian Property Owners**

## Riparian Property Owners

(property owners adjacent to areas where fill activities into waters or wetlands are being conducted)

### Property Owners at CTH VV

| Property Owner                              | Property Address     | City, State, Zip         |
|---------------------------------------------|----------------------|--------------------------|
| WISCONSIN DEPT OF TRANSPORTATION            | 944 VANDERPERREN WAY | GREEN BAY, WI 54304 5344 |
| KROPP JAMES & SANDRA REVOCABLE LIVING TRUST | 214 TRIANGLE DR      | ONEIDA, WI 54155 9209    |
| HILGENBERG STURGUL INC                      | PO BOX 555           | SHAWANO, WI 54166 0555   |
| MICHAEL S KAARI                             | 498 TRIANGLE DR      | GREEN BAY, WI 54313 7468 |
| CAYLA M THUNDER                             | 364 TRIANGLE DR      | ONEIDA, WI 54155 9209    |
| KROPP JAMES & SANDRA REVOCABLE LIVING TRUST | 214 TRIANGLE DR      | ONEIDA, WI 54155 9209    |
| SORENSEN PATRICIA M SURVIVORS TRUST         | 913 GREENFIELD AV    | GREEN BAY, WI 54313 7427 |
| FRANK T SLEIK III                           | 1614 MARLEY ST       | GREEN BAY, WI 54313      |
| RYAN MALUEG                                 | 2672 STONEGATE DR    | SUAMICO, WI 54313        |
| TBONE INVESTMENTS LLC                       | 4663 MILLTOWN RD     | GREEN BAY, WI 54313      |
| WC INVESTMENTS LLC                          | 4720 MILLTOWN RD     | GREEN BAY, WI 54313      |
| RORY P MALLOY, ETAL                         | 1140 PINECREST RD    | GREEN BAY, WI 54313 7241 |
| MICHAEL W SHORT                             | 1611 MARLEY ST       | GREEN BAY, WI 54313 7562 |
| JERRY GIESE                                 | 1617 MARLEY ST       | GREEN BAY, WI 54313 7562 |
| LEE E ROESER                                | 1555 MARLEY ST       | GREEN BAY, WI 54313 7561 |
| JOSEPH E BRUSKY                             | N1501 WELHAVEN RD    | PULASKI, WI 54162 8441   |
| MAPLEWOOD MEATS LLC                         | 3426 UPHILL DR       | GREEN BAY, WI 54313 4641 |
|                                             |                      |                          |

### Property Owners at CTH U

|                     |                  |                  |
|---------------------|------------------|------------------|
| JACK & MARIE HEISER | 3925 COUNTY RD J | ABRAMS, WI 54101 |
| ONEIDA NATION       | PO BOX 365       | ONEIDA, WI 54155 |

**Attachment 5**  
**Approved Environmental Report**

Wisconsin Department of Transportation (WisDOT)  
DT2094 6/2015

|                                                                                                                                                                  |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project ID<br>9200-10-00<br>Construction ID<br>9200-10-71                                                                                                        | Project Termini<br>County VV Interchange<br>(WIS 32 – County FF)                                               | Funding Sources <i>(check all that apply)</i><br><input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> Local<br>Estimated Project Cost and Funding Source (state and/or federal). Year of Expenditure (YOE) dollars include delivery cost.<br>\$27,430,000 in 2021 dollars |
| Route Designation <i>(if applicable)</i><br>WIS 29<br>National Highway System (NHS) Route<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Nearest Community<br>Village of Howard<br>Village of Hobart                                                    | Real Estate Acquisition Portion of Estimated Cost (YOE)<br>\$3,500,000 in 2021 dollars                                                                                                                                                                                                                                                         |
| Project Title<br>WIS 29, Shawano – Green Bay<br>County VV Interchange                                                                                            | Section / Township / Range<br>Sec. 2,3,4,11 and 12 / T 24 N /<br>R 19 E<br>Sec. 33 and 34 / T 25 N /<br>R 19 E | Utility Relocation Portion of Estimated Cost (YOE)<br>\$1,000,000 in 2021 dollars                                                                                                                                                                                                                                                              |

|                                  |                                                                                                                                                                                            |                                                                |       |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------|
| County<br>Brown                  |                                                                                                                                                                                            | Right-of-Way<br>to be Acquired                                 | Acres |
| Bridge Number(s) (if applicable) | For an ER, indicate the date funding was authorized to begin preliminary engineering.<br>For an EA, indicate the date the Process Initiation Letter was accepted by FHWA.<br><br>11/8/2010 | Fee                                                            | 57.1  |
|                                  |                                                                                                                                                                                            | TLE                                                            | 5.68  |
|                                  |                                                                                                                                                                                            | PFE                                                            | 0.0   |
|                                  |                                                                                                                                                                                            | Hardship Right of Way Acquired in 2015 under Wis. Stat. 84.295 |       |
|                                  |                                                                                                                                                                                            |                                                                | Acres |
|                                  |                                                                                                                                                                                            | Fee                                                            | 2.91  |
|                                  |                                                                                                                                                                                            | TLE                                                            | 0.0   |

| Functional Classification of Existing Route<br>(FDM 3-5-2) | Urban                    | Rural                               |
|------------------------------------------------------------|--------------------------|-------------------------------------|
| Freeway/Expressway                                         | <input type="checkbox"/> | <input type="checkbox"/>            |
| Principal Arterial                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minor Arterial                                             | <input type="checkbox"/> | <input type="checkbox"/>            |
| Major Collector                                            |                          | <input type="checkbox"/>            |
| Minor Collector                                            |                          | <input type="checkbox"/>            |
| Collector                                                  | <input type="checkbox"/> |                                     |
| Local                                                      | <input type="checkbox"/> | <input type="checkbox"/>            |
| No Functional Class                                        | <input type="checkbox"/> | <input type="checkbox"/>            |

| WisDOT Project Classification (FDM 3-5-2)                  |                                     |
|------------------------------------------------------------|-------------------------------------|
| Resurfacing                                                | <input type="checkbox"/>            |
| Pavement Replacement                                       | <input type="checkbox"/>            |
| Reconditioning                                             | <input type="checkbox"/>            |
| Expansion                                                  | <input checked="" type="checkbox"/> |
| Bridge Rehabilitation                                      | <input type="checkbox"/>            |
| Bridge Replacement                                         | <input type="checkbox"/>            |
| "Majors" Project (there are both state and federal majors) | <input type="checkbox"/>            |
| SHRM                                                       | <input type="checkbox"/>            |
| Reconstruction                                             | <input checked="" type="checkbox"/> |
| Preventive Maintenance                                     | <input type="checkbox"/>            |
| Safety                                                     | <input type="checkbox"/>            |
| Other—Describe:                                            | <input type="checkbox"/>            |

☒ FHWA Draft Type 2c Categorical Exclusion (CE)/WisDOT Draft Environmental Report (ER). **No significant impacts indicated by initial assessment.**  
☐ FHWA/WisDOT Draft Environmental Assessment (EA). **No significant impacts indicated by initial assessment.**

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Troy Robillard, Project Manager, Ayres Associates    | 05/16/2019      |
| (Print – Preparer Name, Title, Company/Organization) | (Date – m/d/yy) |

M. J. J. J. J. - Region Project Manager 05/16/2019  
(Signature, Title) (Date – m/d/yy)

☒ Region ☐ Aeronautics ☐ Rails & Harbors

M. Jha for 5-16-2019  
(Signature – Director, Bureau of Technical Services) (Date – m/d/yy)

|                                                                                      |                 |
|--------------------------------------------------------------------------------------|-----------------|
|  | 5/16/19         |
| (Signature, Title)                                                                   | (Date – m/d/yy) |

☒ FHWA    ☐ FAA    ☐ FTA    ☐ FRA

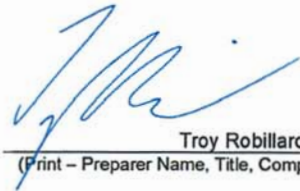
# ENVIRONMENTAL EVALUATION OF FACILITIES DEVELOPMENT ACTIONS (continued)

DT2094

☒ FHWA Final Type 2 Categorical Exclusion (CE)/WisDOT Final Environmental Report (ER). It has been determined **no significant impacts will occur** and a Public Hearing is not required.

After reviewing and addressing substantive public comments, updating the Draft CE/ER or Draft EA and coordinating with other agencies, it is determined this action:

- ☒ **Will NOT significantly affect** the quality of the human environment. This document is a Final CE/Final ER.  
☐ **Will NOT significantly affect** the quality of the human environment. This document is a Final EA/Finding of No Significant Impact.  
☐ **Has potential to significantly affect** the quality of the human environment. Draft Environmental Impact Statement (EIS) required.



Troy Robillard, Project Manager, Ayres Associates 8/8/19

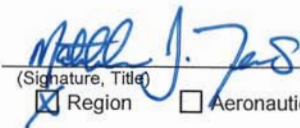
(Print - Preparer Name, Title, Company/Organization)

(Date - m/d/yy)

 for 8-8-2019

(Signature - Director, Bureau of Technical Services)

(Date - m/d/yy)

 Wis DOT PROJECT MANAGER 8/8/2019

(Signature, Title)

(Date - m/d/yy)

- ☒ Region ☐ Aeronautics ☐ Rails & Harbors



8/9/2019

(Signature, Title)

(Date - m/d/yy)

- ☒ FHWA ☐ FAA ☐ FTA ☐ FRA