



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
10117 PRICESS PALM AVENUE, SUITE 120
TAMPA, FLORIDA 33610

January 07, 2019

REPLY TO
ATTENTION OF

Regulatory Division
West Permits Branch
Tampa Permits Section
SAJ-2015-03360(NW-PTR)

Mr. Sia Mollanazar
Board of County Commissioners Manatee County
Public Works
1022 26th Avenue East
Bradenton, FL, 34208
Via Email: sia.mollanazar@mymanatee.org

Dear Mr. Mollanazar:

The U.S. Army Corps of Engineers (Corps) assigned your application for a Department of the Army permit to the file number SAJ-2015-03360. A review of the information and drawings provided shows the proposed project is for the construction of the Erie Road Phase II. The project proposes improvements to 8,800 linear feet of urban collector roadway, construction of right & left turn bays to improve roadway safety, and construction of grass shoulders. Also, roadside swales will be relocated away from the roadway to accommodate newly constructed grass swales. The proposed road enhancements would have 1.41 acres of temporary impacts and 0.032 acres of permanent impacts to Waters of the United States (WOTUS). The project is located at Erie Road, between US 301 and 69th Street East, Sections 35, 2 & 11, Township 33 & 34 South, Range 18 East, Parrish, Manatee County, Florida. Latitude: 27.555907°, Longitude: -82.478871°

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit's (NWP's) Number 14 & 41. Temporary impacts to Cedar Drain and Slaughter Canal (0.61 ac) are covered by NWP 41 and permanent impact to the WOTUS (0.032 ac) and the re-alignment of the roadside ditch (0.8 ac) are covered under NWP 14. In addition, project specific conditions have been enclosed. This verification is valid until **March 18, 2022**. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Internet page to access Internet links to view the Final Nationwide Permits, Federal Register Vol. 82, dated January 6, 2017, specifically pages 1983 to 2008, and the table of Regional Conditions. The Internet page address is:

<http://www.saj.usace.army.mil/Missions/Regulatory.aspx>

Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there you will need to click on "Source Book"; and, then click on "Nationwide Permits." These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 14 & 41. Enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following **Special Conditions** are included with this verification:

1. Reporting Address: The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, 10117 Princess Palm Avenue, Suite 120, Tampa, FL 33610-8302.

b. For electronic mail SAJ-RD-Enforcement@usace.army.mil (not to exceed 10 MB).

The Permittee shall reference this permit number, SAJ-2015-03360 (NW - PTR), on all submittals.

2. Erosion Control: Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material outside the work area into waters of the United States. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas shall be stabilized using sod, degradable mats, barriers, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work is completed and the work areas are stabilized.

3. Turbidity Barriers: Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend to the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized

work has been completed and all suspended and erodible materials have been stabilized. Turbidity barriers shall be removed upon stabilization of the work area.

4. Agency Changes/Approvals: Should any other agency require and/or approve changes to the work authorized or obligated by this permit, the Permittee is advised a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Tampa Permits Section. The Corps reserves the right to fully evaluate, amend, and approve or deny the request for modification of this permit.

5. Commencement Notification: Within 10 days from the date of initiating the work authorized by this permit/Within 10 days from the date of initiating the work authorized by this permit for each phase of the authorized project, the Permittee shall provide a written notification of the date of commencement of authorized work to the Corps.

6. Self-Certification: Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form (Enclosed) and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.

7. Posting of Permit: The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.

8. Cultural Resources/Historic Properties:

a. No structure or work shall adversely affect impact or disturb properties listed in the *National Register of Historic Places* (NRHP) or those eligible for inclusion in the NRHP.

b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic

Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.

c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition ; and if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist and from the Corps.

9. Fill Material: The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

10. Wetland Avoidance Areas: The Permittee shall avoid the remaining acres of onsite wetlands, as detailed on the project drawings (Enclosed). These wetland areas were avoided as part of this permit application review process; and, therefore, the remaining wetland areas will not be disturbed by any activities that would degrade the ecological integrity of the site including dredging, filling, land clearing, or other construction work whatsoever except as required or authorized by this permit. The Corps reserves the right to deny review of any requests for future impacts to these avoided wetland areas.

11. Eastern Indigo Snake Protection Measures and Inspection: Permittee shall comply with U.S. Fish and Wildlife Service's "Standard Protection Measures for the Eastern Indigo Snake" dated August 12, 2013, (Enclosed). All gopher tortoise burrows, active or inactive, shall be evacuated prior to site manipulation in the vicinity of the

burrow. If excavating potentially occupied burrows, active or inactive, individuals must first obtain state authorization via a Florida Fish and Wildlife Conservation Commission (FWC) Authorized Gopher Tortoise Agent permit. The excavation method selected shall minimize the potential for injury of an indigo snake. The Permittee shall follow the excavation guidance provided in the most current FWC Gopher Tortoise Permitting Guidelines found at <http://myfwc.com/gophertortoise>. If an indigo snake is encountered, the snake must be allowed to vacate the area prior to additional site manipulation in the vicinity. Holes, cavities, and snake refugia other than gopher tortoise burrows shall be inspected each morning before planned site manipulation of a particular area, and if occupied by an indigo snake, no work shall commence until the snake has vacated the vicinity of the proposed work.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP's, please contact me by telephone at 813-769-7072.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Sincerely,

Peter Romano
Project Manager

Enclosures

Cc:

1. Mr. John Pari (Manatee County) - john.pari@mymanatee.org
2. SAJ-RD-Enforcement@usace.army.mil

GENERAL CONDITIONS
33 CFR PART 320-330

1. The time limit for completing the work authorized ends on **March 18, 2022**.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2015-03360 (NW-14 & 41)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or electronic mail at saj-rd-enforcement@usace.army.mil.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)



MANATEE COUNTY, FLORIDA

ERIE ROAD - US 301 TO US 301

SOUTH-NORTH PHASE II

307-6082860

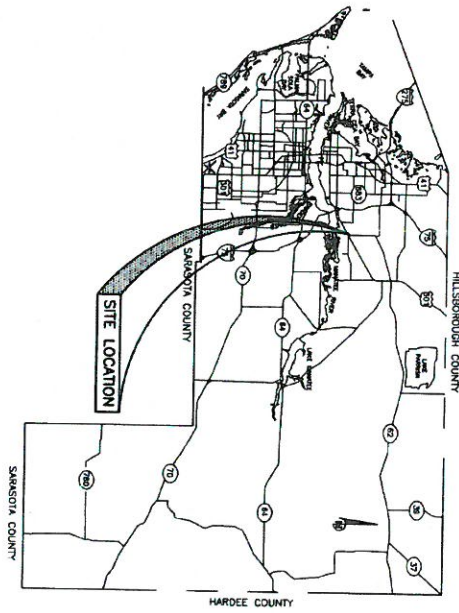
April 2018

SWEFMD
SUBMITTAL

60% PLANS



PROJECT DESCRIPTION
PROJECT CONSISTS OF WIDENING THE EXISTING ROAD FROM 22'± TO 24', ADDING TURN LANES, WIDENING THE EXISTING SHOULDERS AND RELOCATING EXISTING ROADSIDE DITCHES.



NO.	INDEX OF SHEETS
1	COVER SHEET
2	QUANTITY SHEET
3-5	GENERAL NOTES & LEGEND
6	TYPICAL SECTIONS
7-11	HORIZONTAL & VERTICAL CONTROL PLAN AND PROFILE (WRA DESIGN)
12-18	PLAN AND PROFILE (WRA DESIGN)
19-38	CROSS SECTIONS (WRA DESIGN)
39-42	CROSS SECTIONS (WRA DESIGN)
43-65	GENERAL DETAILS
66-68	EROSION CONTROL LOCATION SHEET (WRA DESIGN)
72-81	EROSION CONTROL LOCATION SHEET
82	EROSION CONTROL DETAILS
UNGS1-UNGS12	UTILITY ADJUSTMENT SHEETS
SC-1-SC-2	SLAUGHTER CANAL PLAN & PROFILE AND CROSS SECTIONS
CD1-CD9	CEDAR DRAIN PLAN AND PROFILE AND CROSS SECTIONS
S-1 to S-12	EXISTING SURVEY

811
Know what's below
Call before you dig

ERIE ROAD- US301 TO US 301

SOUTH-NORTH PHASE II

COVER SHEET



NO.	REVISION DESCRIPTION	DATE
1	PER SWEFMD COMMENTS	07/24/18

PROJECT #	307-6082860
SHEET #	00-4313
SCALE	AS SHOWN
DATE	04/2018
DRAWN	08/04/2015
CHECKED	10/2015

GENERAL

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MAINTENANCE DIVISION. ALL WORK SHALL BE COMPLETED BY 10:00 PM LOCAL TIME.

2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE AWARDED THROUGH THE PROJECT MAINTENANCE DIVISION.

3. ALL CONSTRUCTION FOR THIS PROJECT IS IN ACCORDANCE WITH THE LATEST EDITION OF MAJOR COUNTY UNIFORM AND TRANSPORTATION STANDARDS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BIDDING SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

4. VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROLS AND REQUIREMENTS FOR ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

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6. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSASSINATING THE WORK AND IS NOT A GUARANTEE OF ANY KIND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

8. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE MAINTENANCE DIVISION TO OBTAIN THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

9. NO WORK, EXCEPT FOR EMERGENCY REPAIRS, SHALL BE PERMITTED AFTER 7:00 PM AND BEFORE 7:00 AM FOR SAFETY.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT OR 48-186. SAFETY STANDARDS 2010. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THESE REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THESE REGULATIONS.

11. THE CONTRACTOR SHALL USE SHEET PILING, SHIELDING, BENCHING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.

12. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

14. CONTRACTORS SHALL BE RESPONSIBLE FOR INSTALLING ALL SECONDARY AND TERTIARY DESIGN (E.G. BARRIERS, SANDFILL, TRENCH, ETC.) AND SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

15. ALL EXCAVATION SHALL BE PROTECTED FROM COLLAPSE BY INSTALLING SHIELDING, BENCHING, ETC. AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REDUCING ALL DAMAGED STORM WATER STRUCTURES, PAVING, ACCORDANCE WITH DOTT STANDARDS.

21. IF THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BOUND LINES, RIGHT MARKS (DOTT), CENTER LINES, AND STAKING IS REQUIRED TO CONSTRUCT THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

22. A PORTION OF EXISTING UTILITY WORK IS OWNED BY THE PROJECT OWNER BEYOND THE PROJECT BOUNDARIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

23. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

24. ANY TEMPORARY STRUCTURES FOR APPLICATIONS OF EXISTING UTILITY SERVICES THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION SHALL BE RESTRICTED TO CERTAIN LOCATIONS AT ANY TIME OF THE DAY OF NIGHT AND WILL BE MAINTAINED IN THE LOWEST FEASIBLE STANDING CONDITION.

25. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

26. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

27. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

28. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

29. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

30. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

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36. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

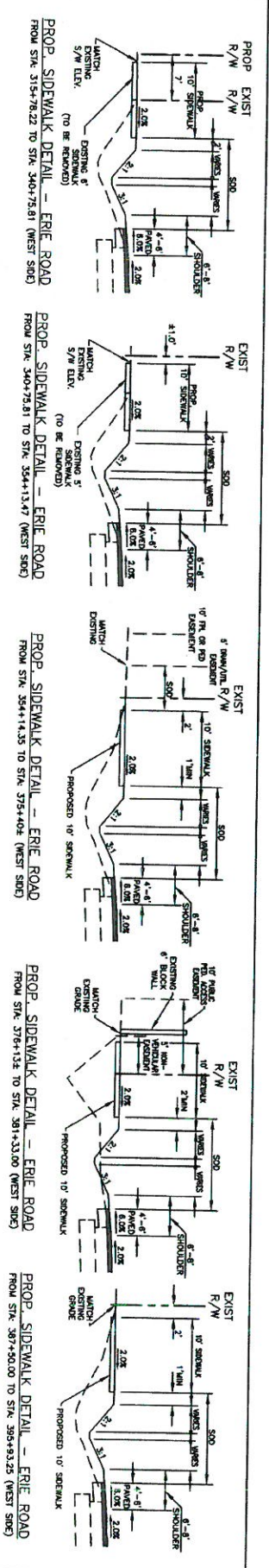
37. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

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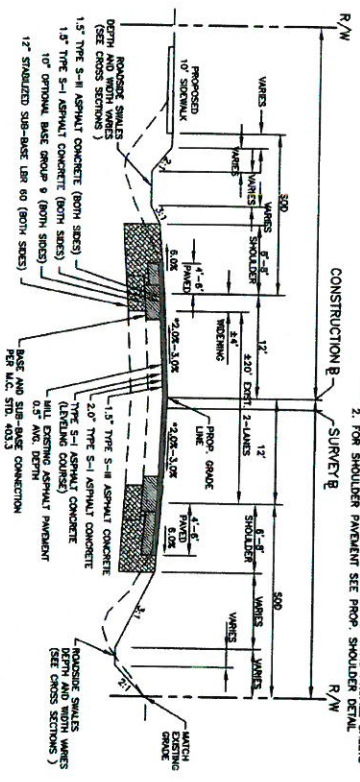
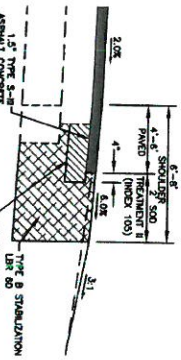
40. ALL EXCAVATION WORK SHALL BE PERMITTED THROUGHOUT THE PROJECT PERIOD WITH THE EXISTING MAINTENANCE DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL POINTS AND ELEVATIONS.

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TRAFFIC DATA:
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH

TYPICAL SECTION - ERIE ROAD (WEST SIDE WIDENING)
FROM STA. 334+00.00 TO STA. 337+00.00 (2% LT. and 2% RT. side)
FROM STA. 337+00.00 TO STA. 344+50.00 (2% LT. and 2% RT. side)
FROM STA. 344+50.00 TO STA. 354+00.00 (2% LT. and 2% RT. side)
FROM STA. 354+00.00 TO STA. 358+55.79 (2% LT. and 2% RT. side)
NOTE: 1. FOR EXACT SHOULDER WIDTH SEE PLAN AND PROFILE SHEETS
2. FOR SHOULDER PAVEMENT SEE PROP. SHOULDER DETAIL

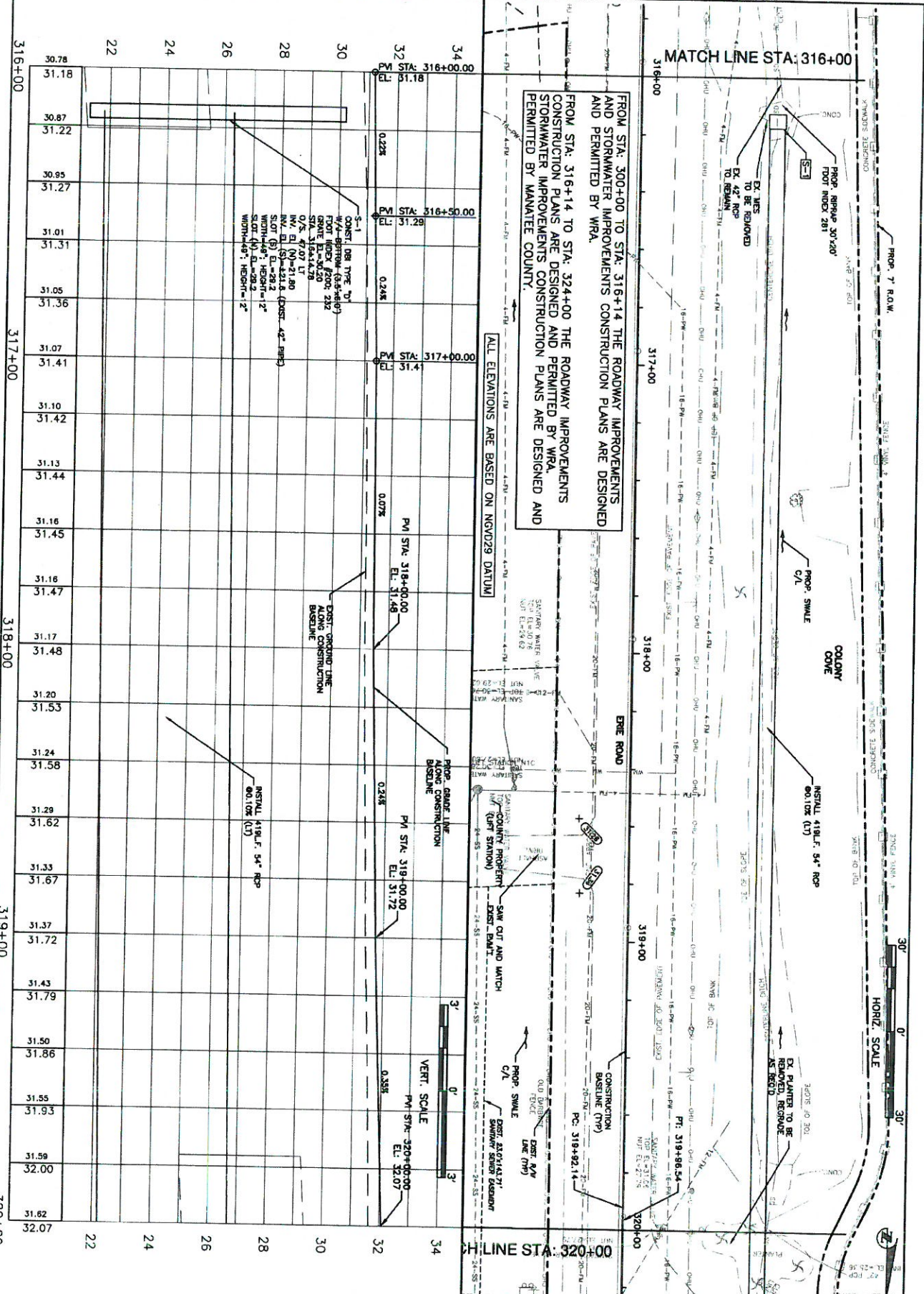


TYPICAL SECTION - ERIE ROAD (BOTH SIDE WIDENING)
FROM STA. 354+98.02 TO STA. 363+48.30 (2% LT. and 2% RT. side)
FROM STA. 372+17.16 TO STA. 379+50.61 (2% LT. and 2% RT. side)
FROM STA. 383+96.18 TO STA. 384+38.79 (2% LT. and 2% RT. side)
NOTE: 1. FOR EXACT SHOULDER WIDTH SEE PLAN AND PROFILE SHEETS
2. FOR SHOULDER PAVEMENT SEE PROP. SHOULDER DETAIL

TYPICAL SECTION - ERIE ROAD (EAST SIDE WIDENING)
FROM STA. 363+48.30 TO STA. 372+17.16 (2% LT. and 2% RT. side)
FROM STA. 379+50.61 TO STA. 383+96.18 (2% LT. and 2% RT. side)
NOTE: 1. FOR EXACT SHOULDER WIDTH SEE PLAN AND PROFILE SHEETS
2. FOR SHOULDER PAVEMENT SEE PROP. SHOULDER DETAIL

NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR PERMIT	09/27/2013
2	REVISED FOR CONSTRUCTION	09/27/2013
3	REVISED FOR CONSTRUCTION	09/27/2013
4	REVISED FOR CONSTRUCTION	09/27/2013
5	REVISED FOR CONSTRUCTION	09/27/2013
6	REVISED FOR CONSTRUCTION	09/27/2013
7	REVISED FOR CONSTRUCTION	09/27/2013
8	REVISED FOR CONSTRUCTION	09/27/2013
9	REVISED FOR CONSTRUCTION	09/27/2013
10	REVISED FOR CONSTRUCTION	09/27/2013

**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
TYPICAL SECTIONS**



FROM STA. 300+00 TO STA. 316+14 THE ROADWAY IMPROVEMENTS AND STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA.

FROM STA. 316+14 TO STA. 324+00 THE ROADWAY IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA.

FROM STA. 324+00 TO STA. 320+00 THE ROADWAY IMPROVEMENTS AND STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY MANATEE COUNTY.

ALL ELEVATIONS ARE BASED ON NGVD29 DATUM



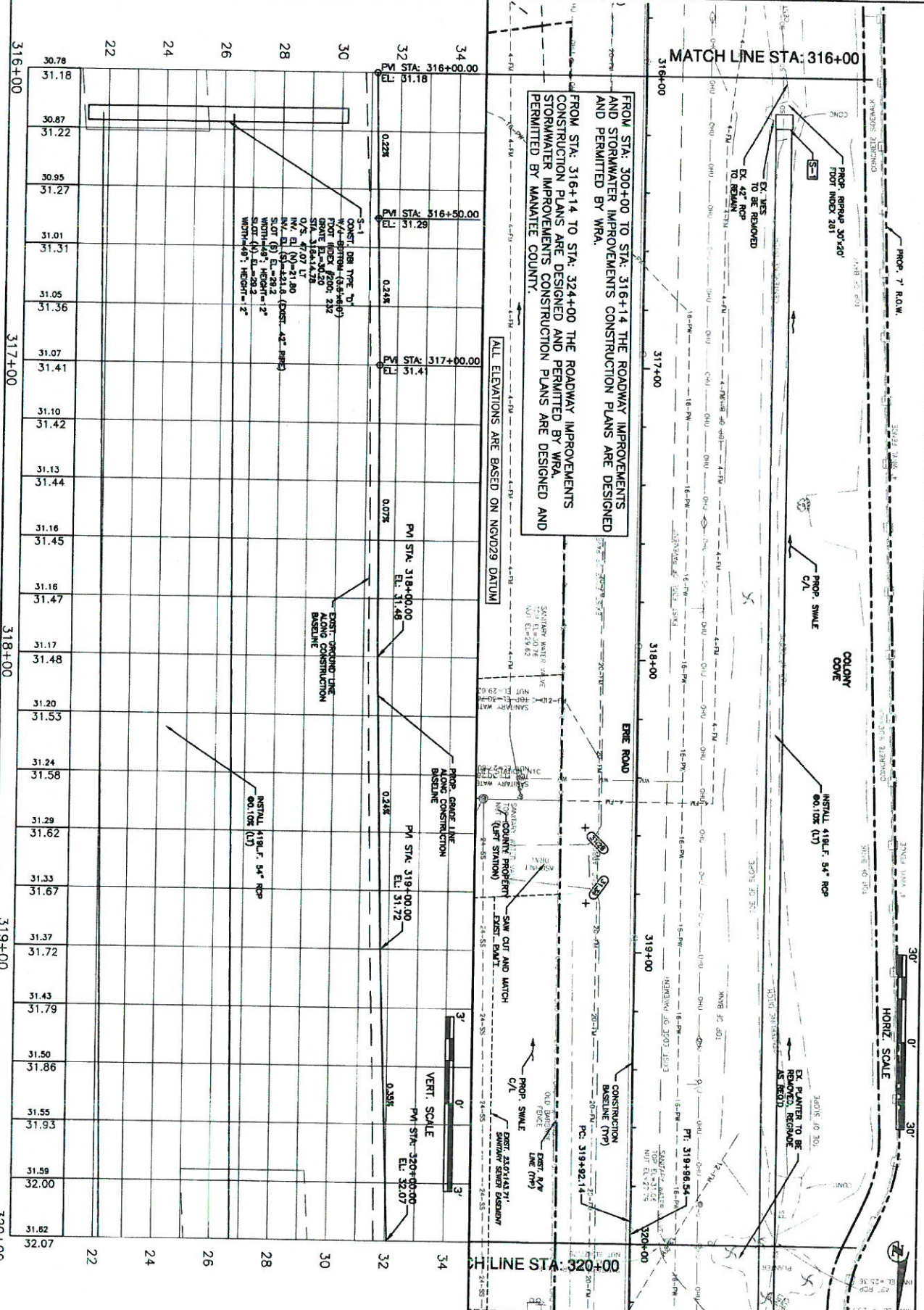
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 316+00 TO 320+00



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-000880
SHEET #	00-4313
REV. / DATE	02/20/18
DESIGNED BY	04/20/18
CHECKED BY	04/20/18
DATE	10/20/18

This plan has been authorized by the Manatee County Board of Commissioners on 09/20/2018. Printed copies of this document have been prepared and submitted to the Manatee County Board of Commissioners for their review and approval. The printed copy of this document is the official record of the project. The electronic copy of this document is for informational purposes only.



FROM STA. 316+14 TO STA. 324+00 THE ROADWAY IMPROVEMENTS AND STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA.
 FROM STA. 316+14 TO STA. 324+00 THE ROADWAY IMPROVEMENTS AND STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY MANHATTAN COUNTY.

ALL ELEVATIONS ARE BASED ON NGVD29 DATUM



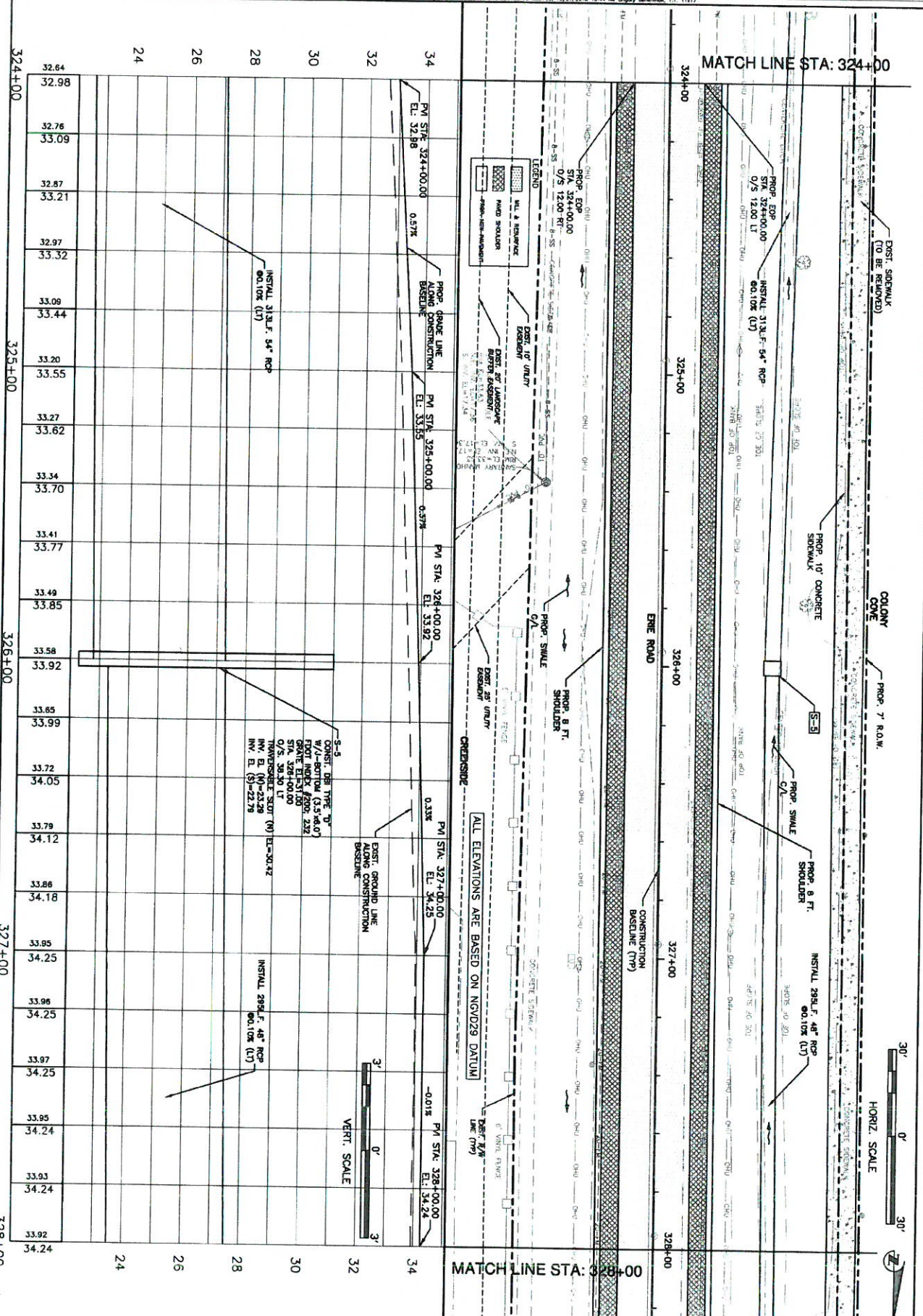
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-000280
SHEET #	00-4313
DATE	04/28/2015
SCALE	AS SHOWN
DESIGNED BY	09
CHECKED BY	09
DATE	10/28/15


PROJECT INFORMATION:
 PROJECT: ERIE ROAD, STA. 316+00 TO 320+00
 DATE: 04/28/2015
 SHEET: 19 OF 20

**ERIE ROAD- US301 TO US 301
 SOUTH-NORTH PHASE II
 PLAN AND PROFILE STA. 316+00 TO 320+00**





**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 324+00 TO 328+00**


 Manatee County
 PUBLIC WORKS DEPARTMENT
 1225 1st Street, Suite 100
 Manatee, FL 34461

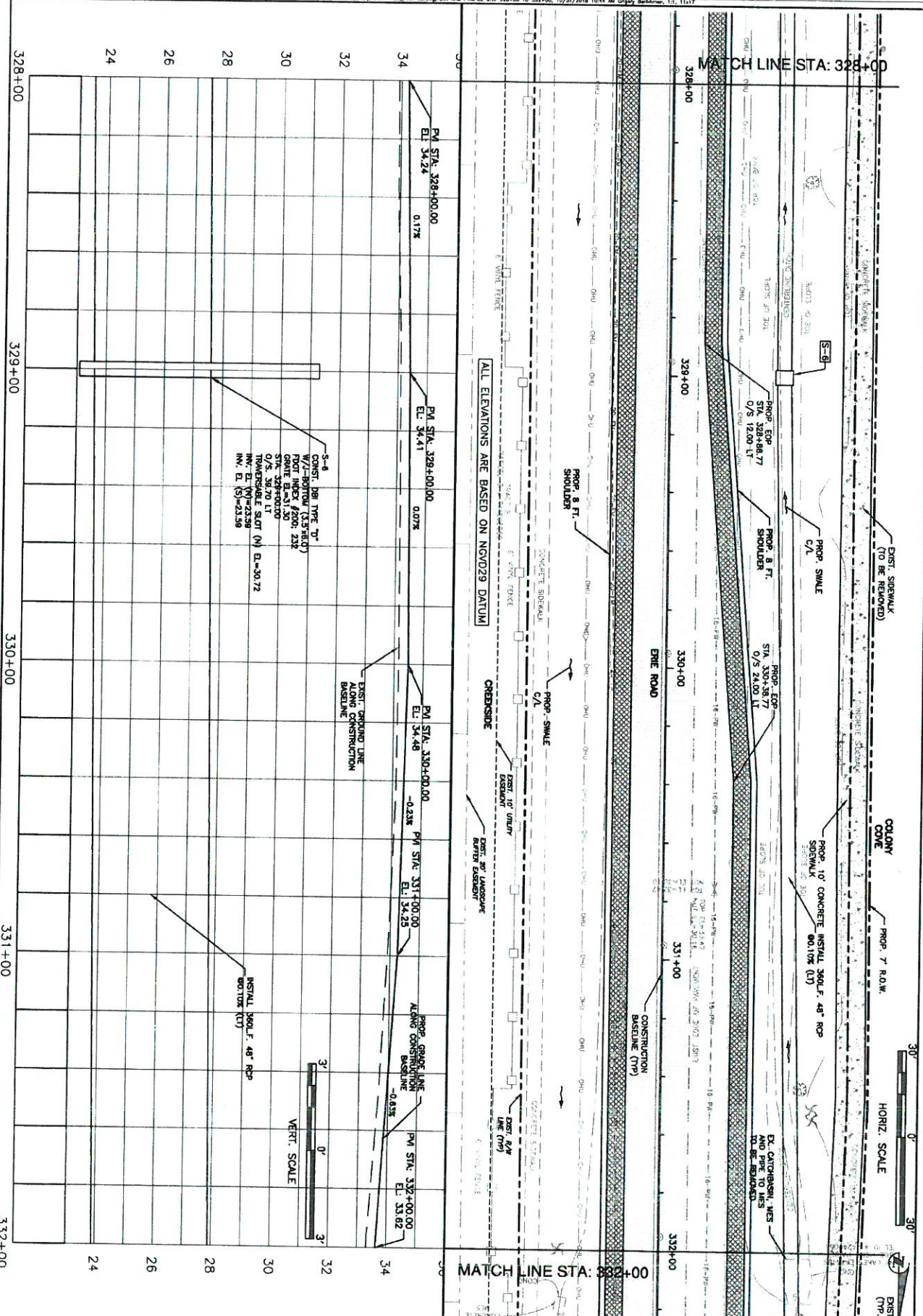
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	327-4002860
SHEET #	00-43133
SEC./TWP./RGE	23/29/23A/6/18E
SCALE	AS NOTED
STARTED	2/8/2013
DATE	2/13/2013
DESIGNED	08/09/2013
DRAWN	08/09/2013
CHECKED	08/09/2013
DATE	10/20/2013

CONTRACT AGREEMENT, P.L. 88-27, as amended, and the rules and regulations of the Department of Transportation, State of Florida, shall be applied to this contract.

THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY.

SHEET 21



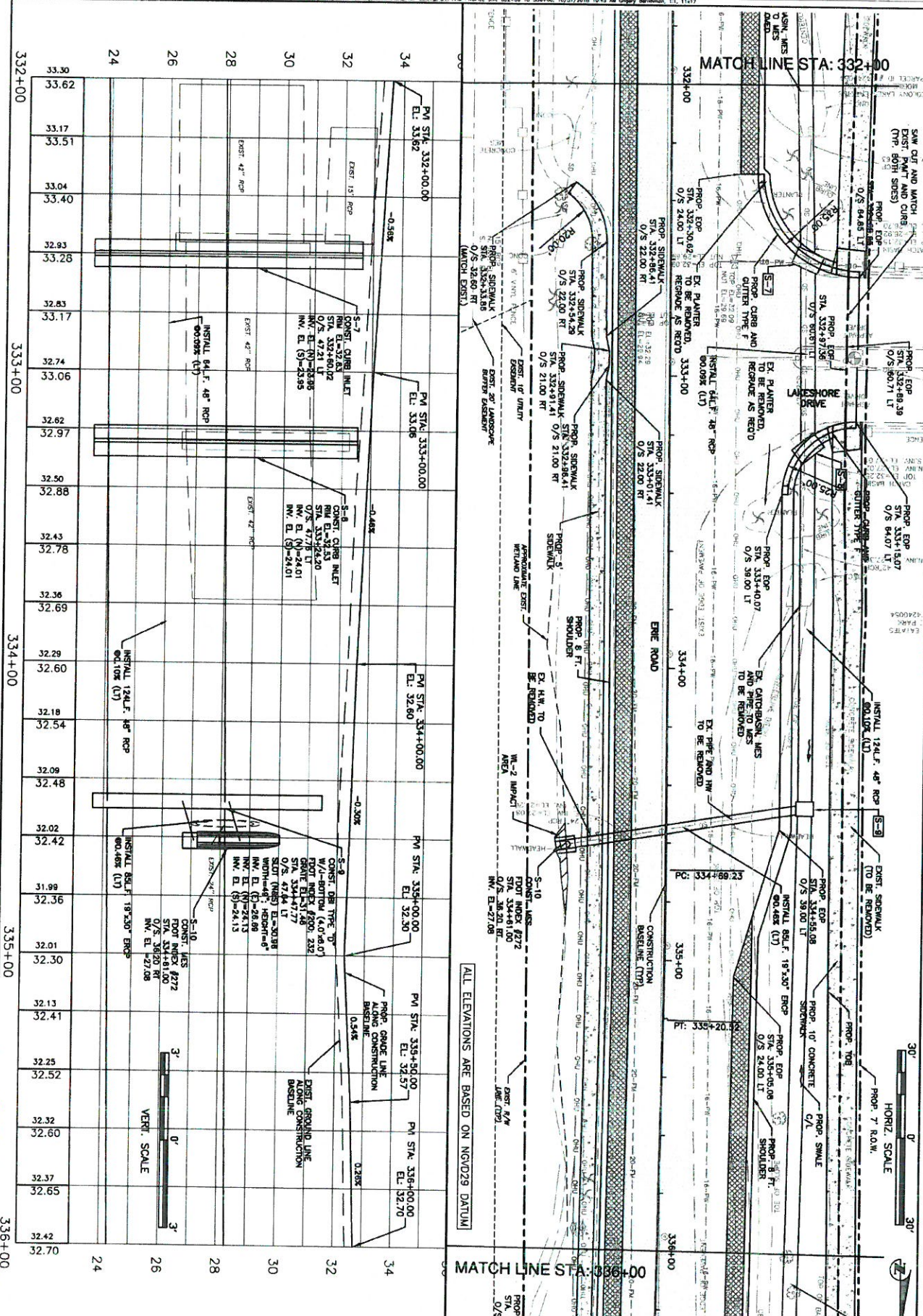
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 328+00 TO 332+00



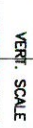
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-000880
SHEET #	00-4113
SEC./TWP./RGE	23/33/14.6/1E
SCALE	AS NOTED
STARTED	2/6/2013
DESIGNED	08/04/2013
DRAWN	08/04/2013
CHECKED	10/2/2013
PROJECT APPROVED BY	DATE

This plan is the property of Manatee County and is to be used only for the project and location shown hereon. It is not to be used for any other purpose without the written consent of Manatee County.



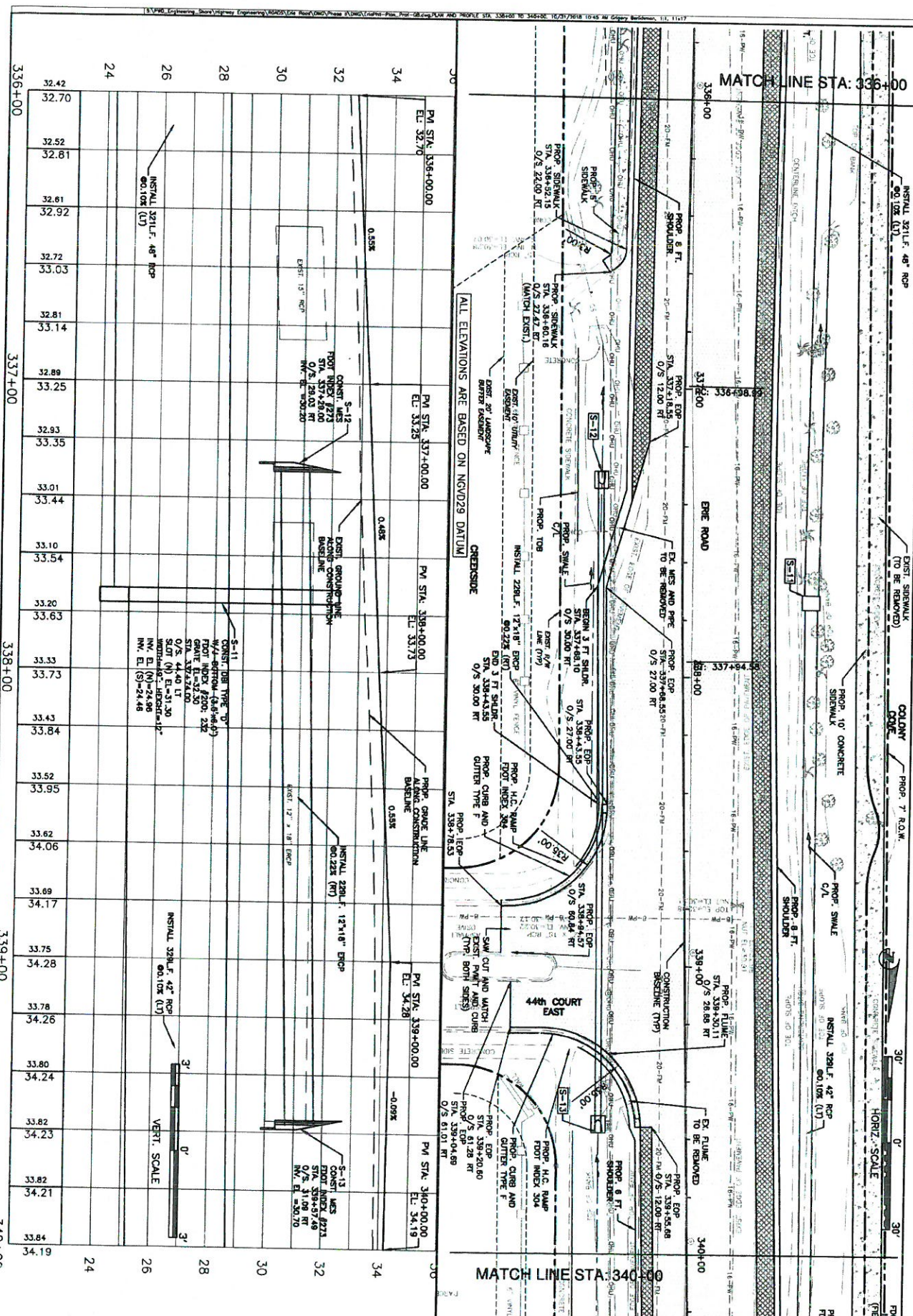
ALL ELEVATIONS ARE BASED ON NGVD29 DATUM



ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 332+00 TO 336+00



NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR PERMITS	06-13-13
2	REVISED PER COMMENTS	06-13-13
3	REVISED PER COMMENTS	06-13-13
4	REVISED PER COMMENTS	06-13-13
5	REVISED PER COMMENTS	06-13-13
6	REVISED PER COMMENTS	06-13-13
7	REVISED PER COMMENTS	06-13-13
8	REVISED PER COMMENTS	06-13-13
9	REVISED PER COMMENTS	06-13-13
10	REVISED PER COMMENTS	06-13-13
11	REVISED PER COMMENTS	06-13-13
12	REVISED PER COMMENTS	06-13-13
13	REVISED PER COMMENTS	06-13-13
14	REVISED PER COMMENTS	06-13-13
15	REVISED PER COMMENTS	06-13-13
16	REVISED PER COMMENTS	06-13-13
17	REVISED PER COMMENTS	06-13-13
18	REVISED PER COMMENTS	06-13-13
19	REVISED PER COMMENTS	06-13-13
20	REVISED PER COMMENTS	06-13-13
21	REVISED PER COMMENTS	06-13-13
22	REVISED PER COMMENTS	06-13-13
23	REVISED PER COMMENTS	06-13-13
24	REVISED PER COMMENTS	06-13-13
25	REVISED PER COMMENTS	06-13-13
26	REVISED PER COMMENTS	06-13-13
27	REVISED PER COMMENTS	06-13-13
28	REVISED PER COMMENTS	06-13-13
29	REVISED PER COMMENTS	06-13-13
30	REVISED PER COMMENTS	06-13-13
31	REVISED PER COMMENTS	06-13-13
32	REVISED PER COMMENTS	06-13-13
33	REVISED PER COMMENTS	06-13-13
34	REVISED PER COMMENTS	06-13-13
35	REVISED PER COMMENTS	06-13-13
36	REVISED PER COMMENTS	06-13-13
37	REVISED PER COMMENTS	06-13-13
38	REVISED PER COMMENTS	06-13-13
39	REVISED PER COMMENTS	06-13-13
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41	REVISED PER COMMENTS	06-13-13
42	REVISED PER COMMENTS	06-13-13
43	REVISED PER COMMENTS	06-13-13
44	REVISED PER COMMENTS	06-13-13
45	REVISED PER COMMENTS	06-13-13
46	REVISED PER COMMENTS	06-13-13
47	REVISED PER COMMENTS	06-13-13
48	REVISED PER COMMENTS	06-13-13
49	REVISED PER COMMENTS	06-13-13
50	REVISED PER COMMENTS	06-13-13



NO.	REVISION DESCRIPTION	BY	DATE

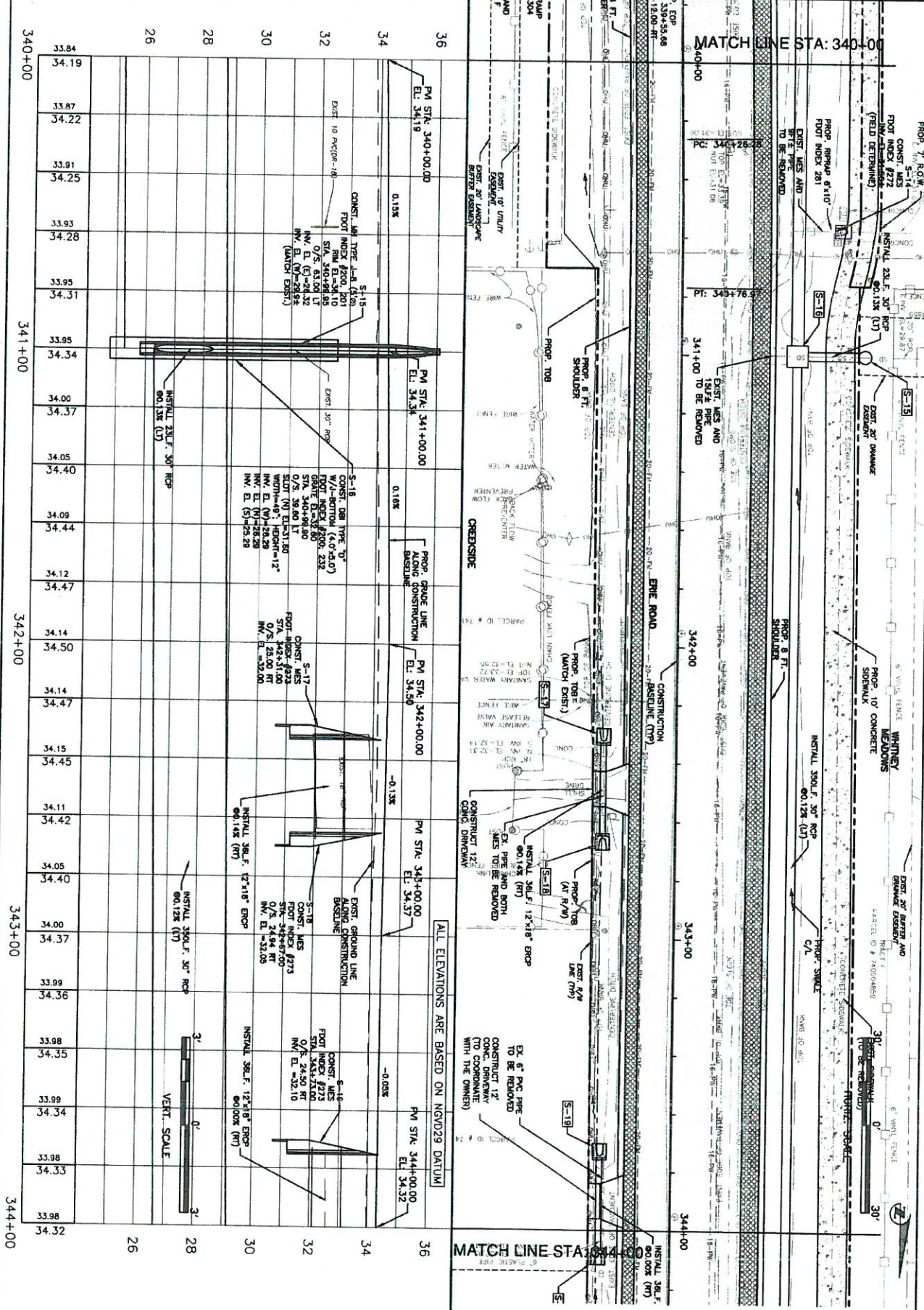
PROJECT #	307-300290
SUBJECT #	00-41131
SEC./MIN./SEC.	33/03/59
SCALE	AS NOTED
DRAWN	08/04/2015
CHECKED	08/04/2015
DATE	10/20/15

DATE	08/04/2015
SCALE	AS NOTED
DRAWN	08/04/2015
CHECKED	08/04/2015
DATE	10/20/15

THE PLAN AND PROFILE VIEWS OF THIS PROJECT WERE PREPARED BY THE CONSULTANT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA AND THE FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA AND THE FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA AND THE FIELD CONDITIONS.

ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 336+00 TO 340+00





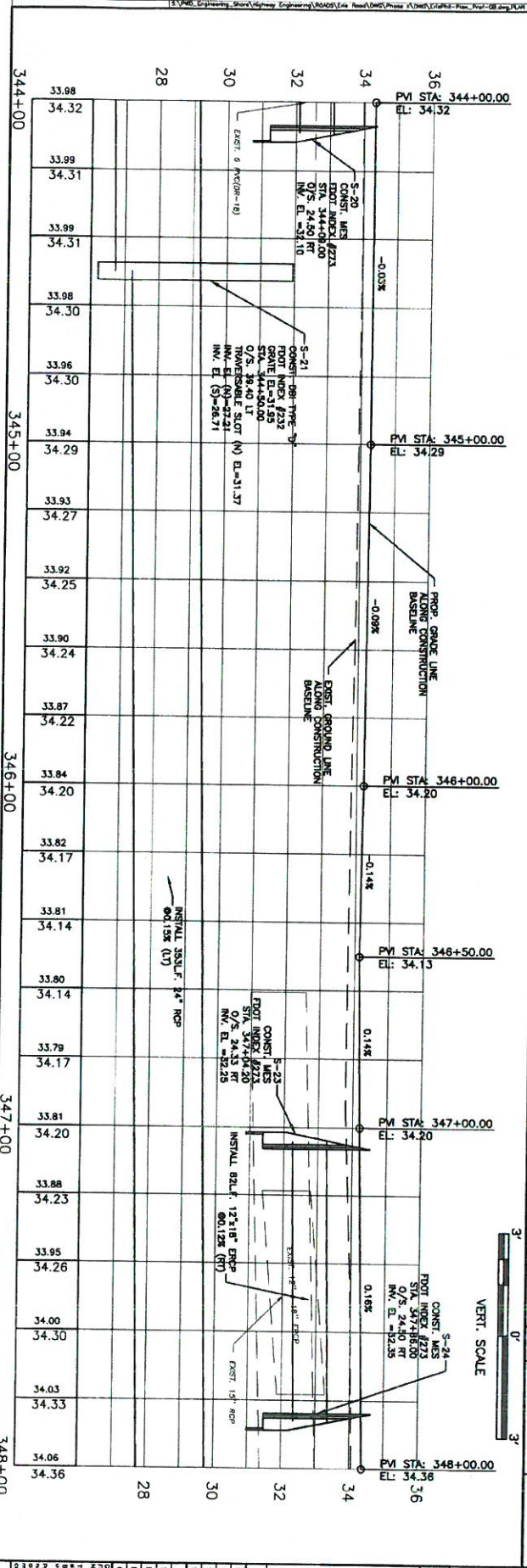
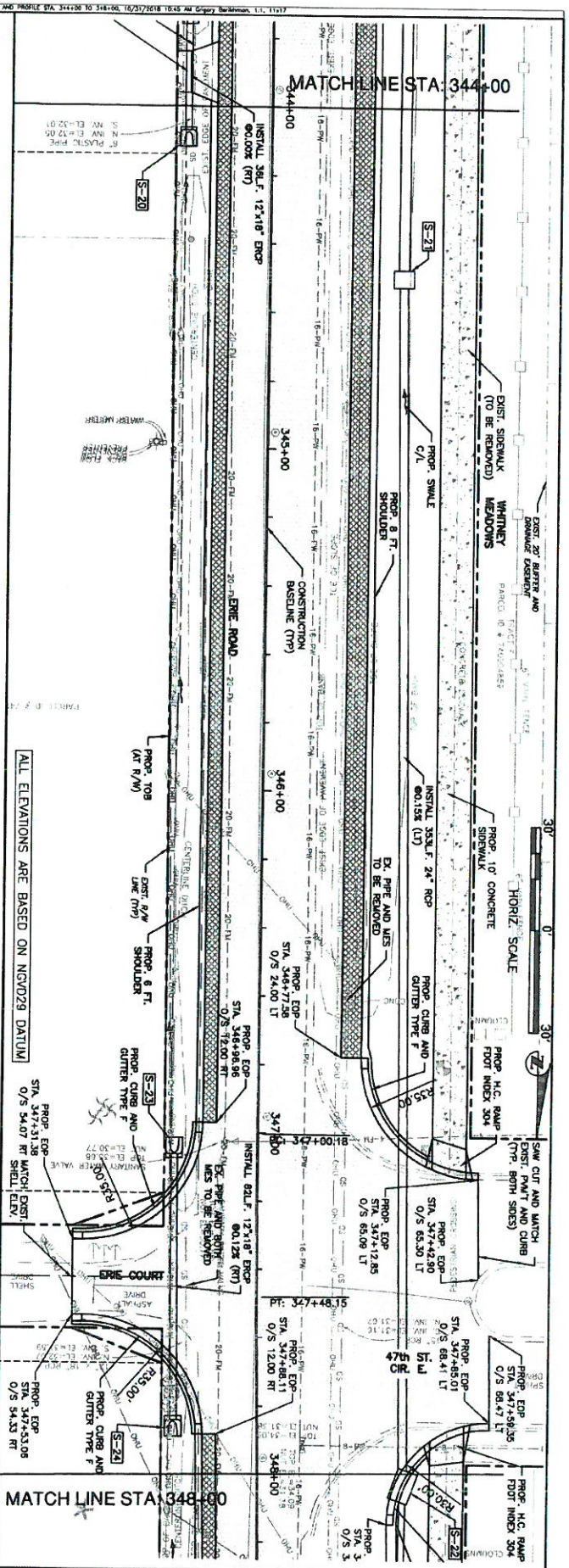
NO.	DATE	REVISION DESCRIPTION
1	10/20/15	ISSUED FOR PERMIT
2	09/20/15	REVISED PER COMMENTS
3	08/20/15	REVISED PER COMMENTS
4	07/20/15	REVISED PER COMMENTS
5	06/20/15	REVISED PER COMMENTS
6	05/20/15	REVISED PER COMMENTS
7	04/20/15	REVISED PER COMMENTS
8	03/20/15	REVISED PER COMMENTS
9	02/20/15	REVISED PER COMMENTS
10	01/20/15	REVISED PER COMMENTS

PROJECT #	307-4088840
SHEET #	00-4313
SEC./TWP./RANGE	23N/34E/18E
SCALE	AS SHOWN
DATE	08/20/15
DESIGNED BY	09/20/15
CHECKED BY	09/20/15
DATE	10/20/15

PROJECT #	307-4088840
SHEET #	00-4313
SEC./TWP./RANGE	23N/34E/18E
SCALE	AS SHOWN
DATE	08/20/15
DESIGNED BY	09/20/15
CHECKED BY	09/20/15
DATE	10/20/15

ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 340+00 TO 344+00





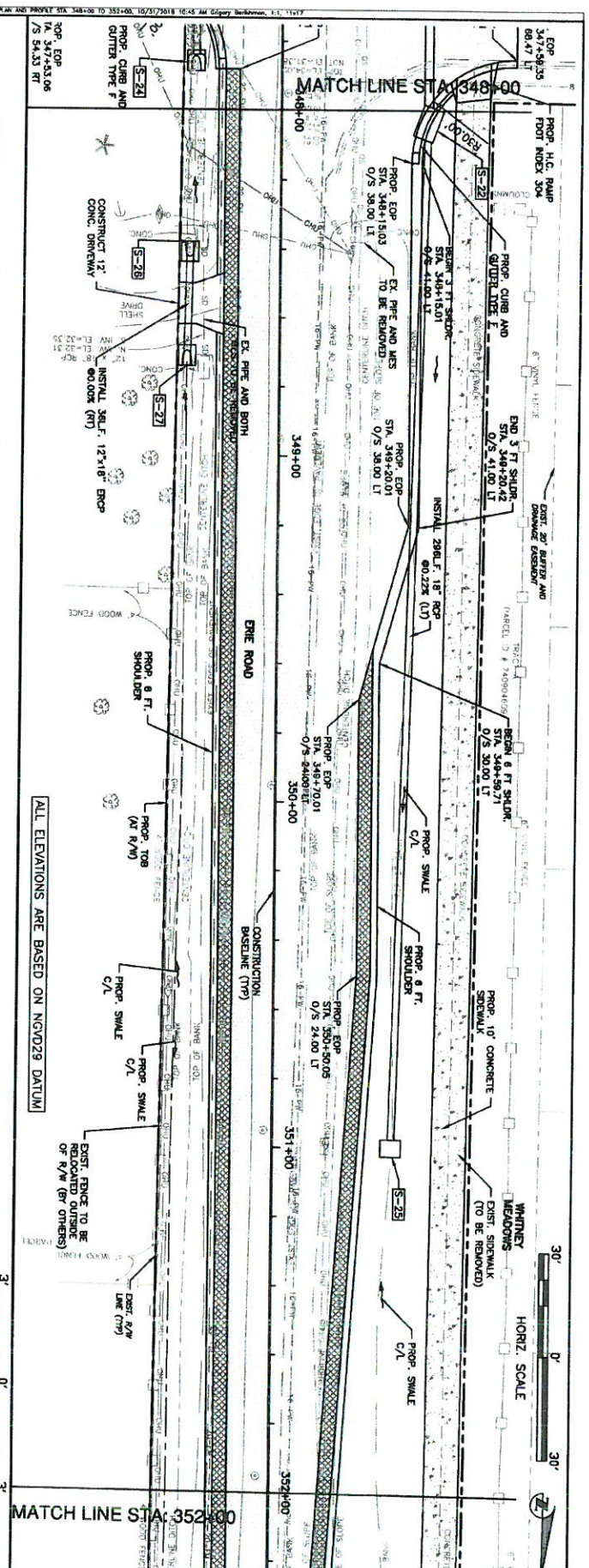
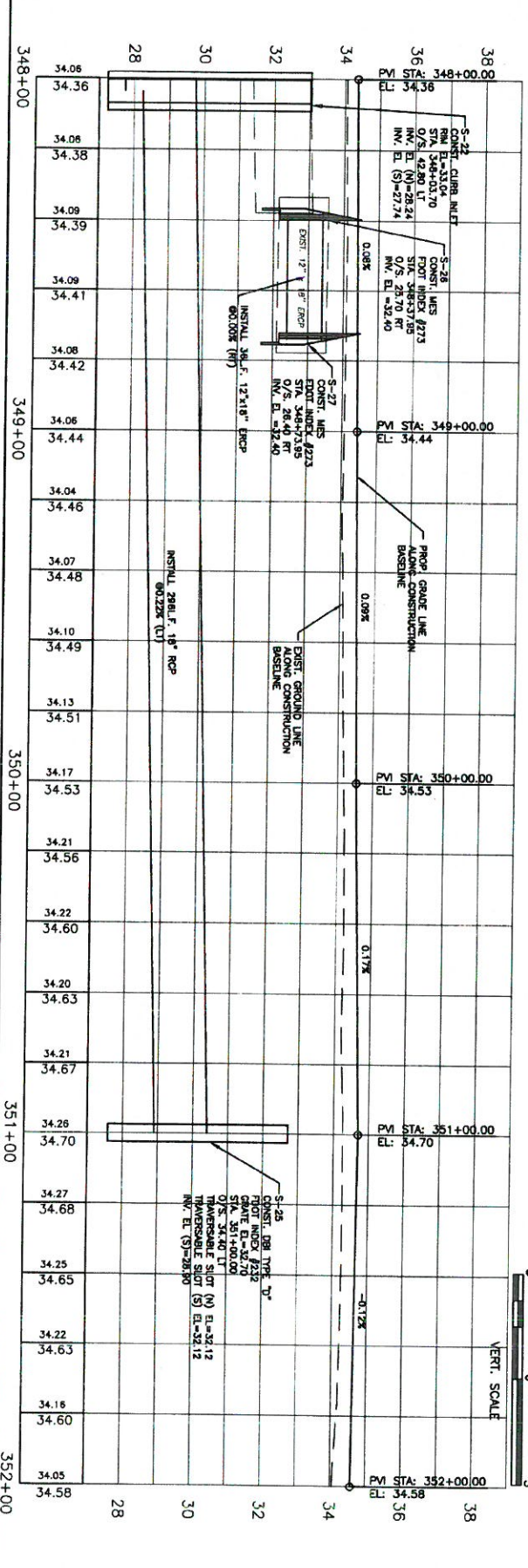
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 344+00 TO 348+00

PROJECT ENGINEER: [Name]

 DATE: [Date]

NO.	DATE	DESCRIPTION
1	08/20/13	ISSUED FOR PERMIT
2	09/12/13	REVISION
3	09/20/13	REVISION
4	10/27/13	REVISION

PROJECT # 307-000000
 SURVEY # 00-4133
 SEC./TWP./RANGE 2/33/34S/18E
 SCALE AS NOTED
 SHEET 26

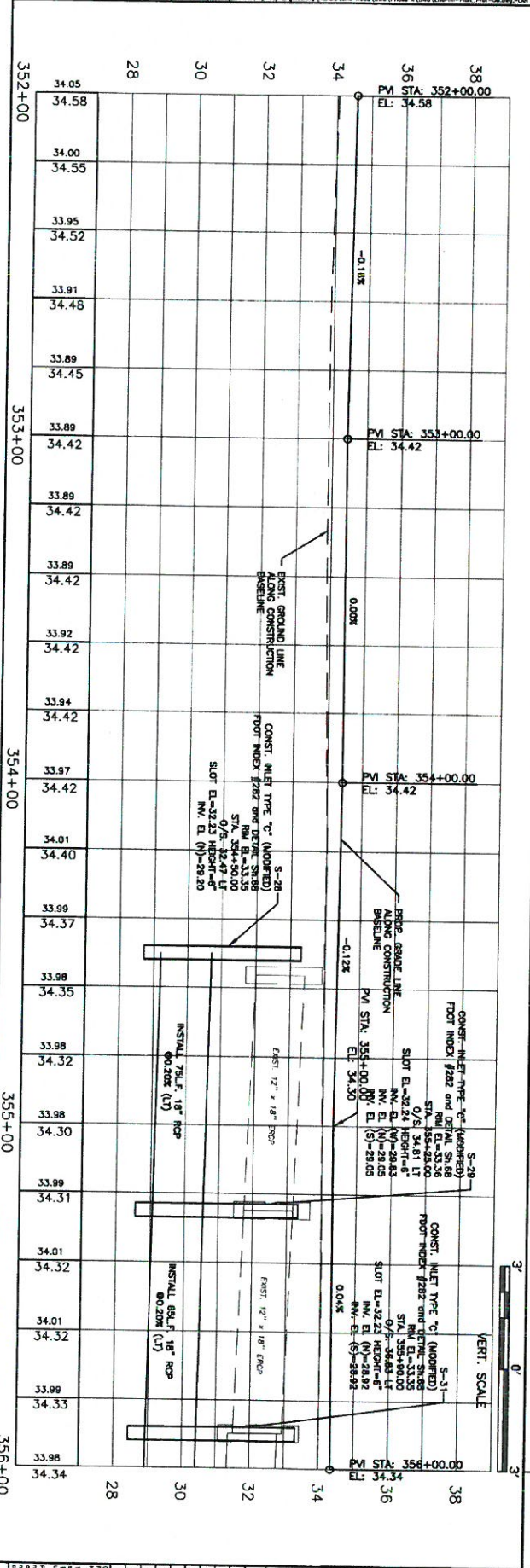
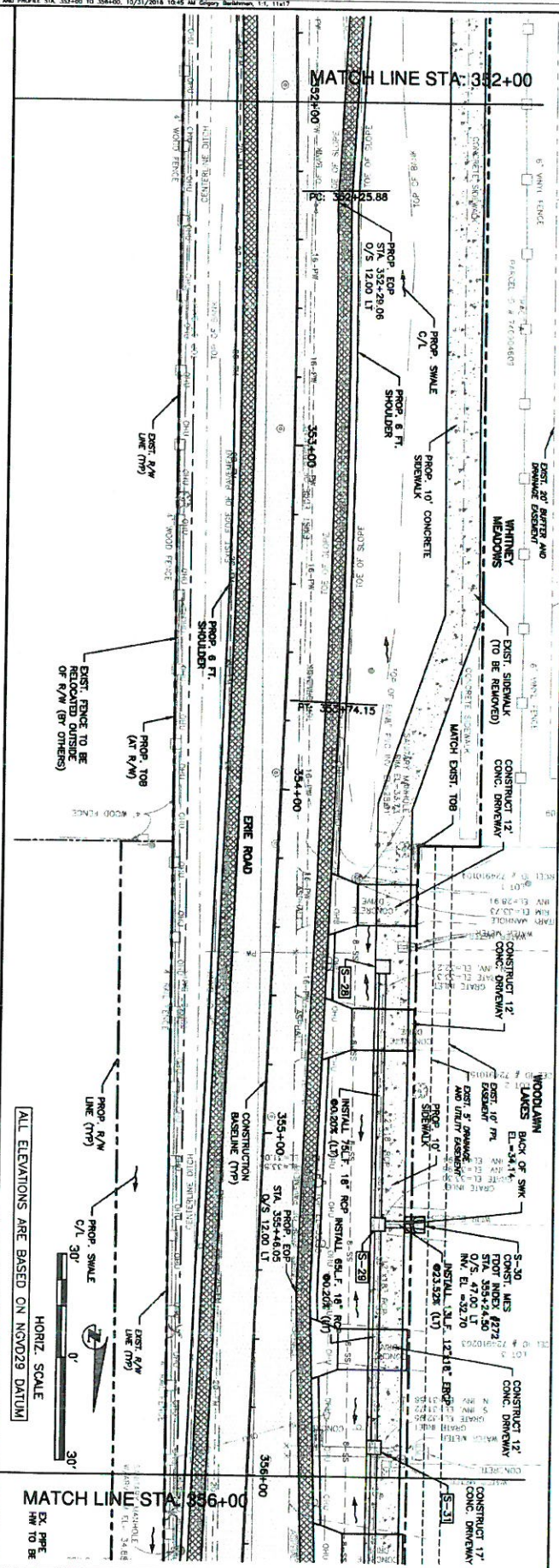


**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 348+00 TO 352+00**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	301-002880
SHEET #	00-1313
SEC./TWP./RNG	23N/133W/11E
SCALE	AS NOTED
DRAWN	SR
CHECKED	SR
DATE	04/27/13
DATE	04/27/13
DATE	04/27/13

SHEET 27



ALL ELEVATIONS ARE BASED ON NAD83 DATUM

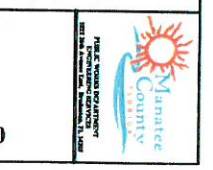
NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWPND COMMENTS	KHL	07/24/18

PROJECT # 307-060280
 SHEET # 00-1313
 SEC./TWP./RANGE 23/23/54/1/6
 SCALE AS NOTED
 SHEETED BY DATE
 DESIGNED BY DATE
 DRAWN BY DATE
 CHECKED BY DATE

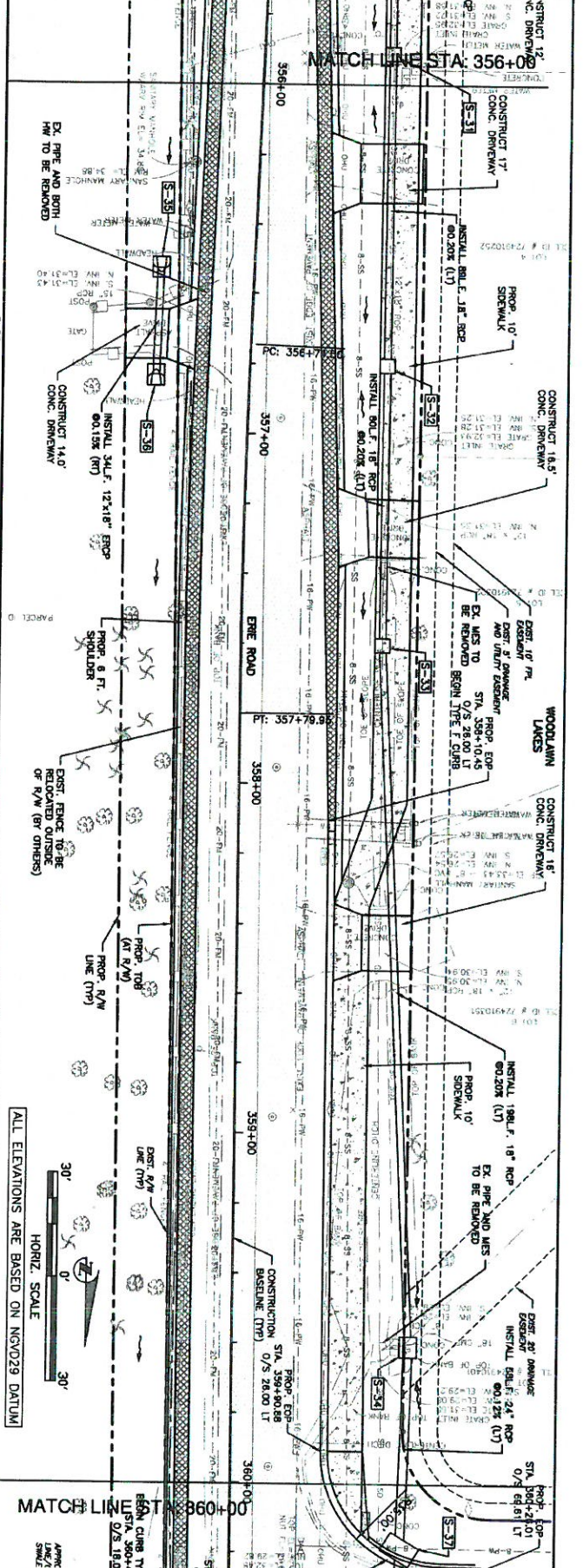
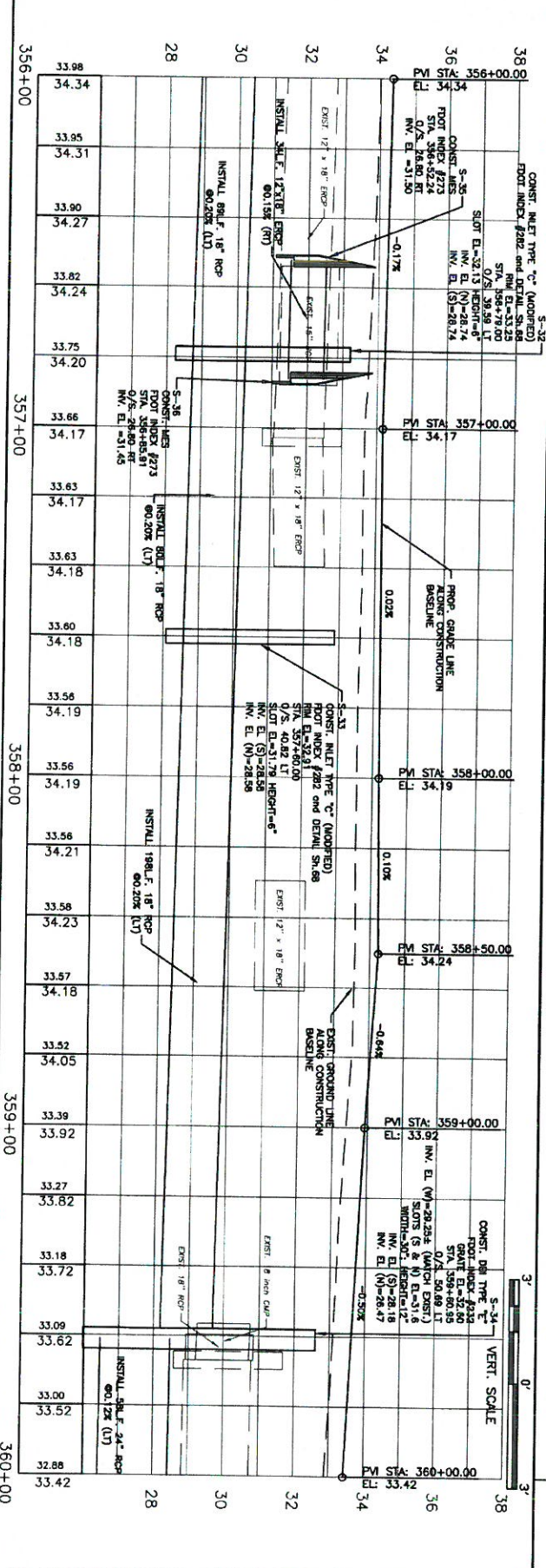
DATE PLOTTED: 08/01/2018 09:54:31 AM
 PLOTTED BY: TROTT
 PLOTTED CWD: TROTT
 PLOTTED SCALE: AS SHOWN
 PLOTTED SHEET: 28
 PLOTTED DATE: 08/01/2018

DATE PLOTTED: 08/01/2018 09:54:31 AM
 PLOTTED BY: TROTT
 PLOTTED CWD: TROTT
 PLOTTED SCALE: AS SHOWN
 PLOTTED SHEET: 28
 PLOTTED DATE: 08/01/2018

ERIE ROAD- US301 TO US 301
 SOUTH-NORTH PHASE II
 PLAN AND PROFILE STA. 352+00 TO 356+00



SHEET 28



ALL ELEVATIONS ARE BASED ON NGVD29 DATUM

ASMEC
LAND 2
SCALE

NO.	REVISION DESCRIPTION	DATE	BY
1	PER SWINNO COMMENTS	07/24/18	KL

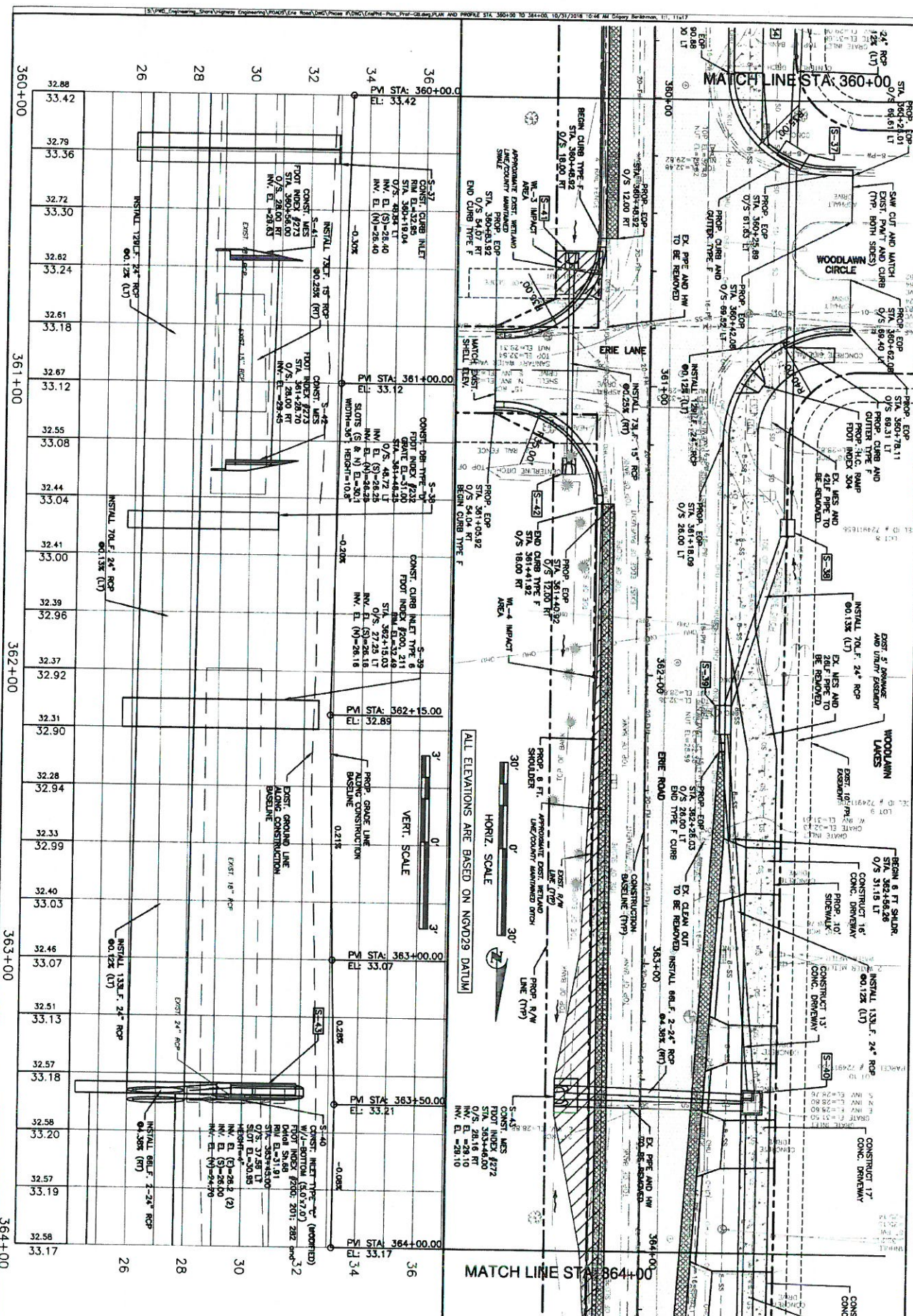
PROJECT #	307-4028860
SHEET #	00-43133
SEC./TWP./RANGE	23N/133E/18E
SCALE	AS SHOWN
DATE	10/20/18
DESIGNED BY	04/20/18
CHECKED BY	04/20/18
DATE	10/20/18

ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II

PLAN AND PROFILE STA. 356+00 TO 360+00



Public Works Department
200 W. Superior Street, Marquette, MI 49801
Phone: (231) 228-1234



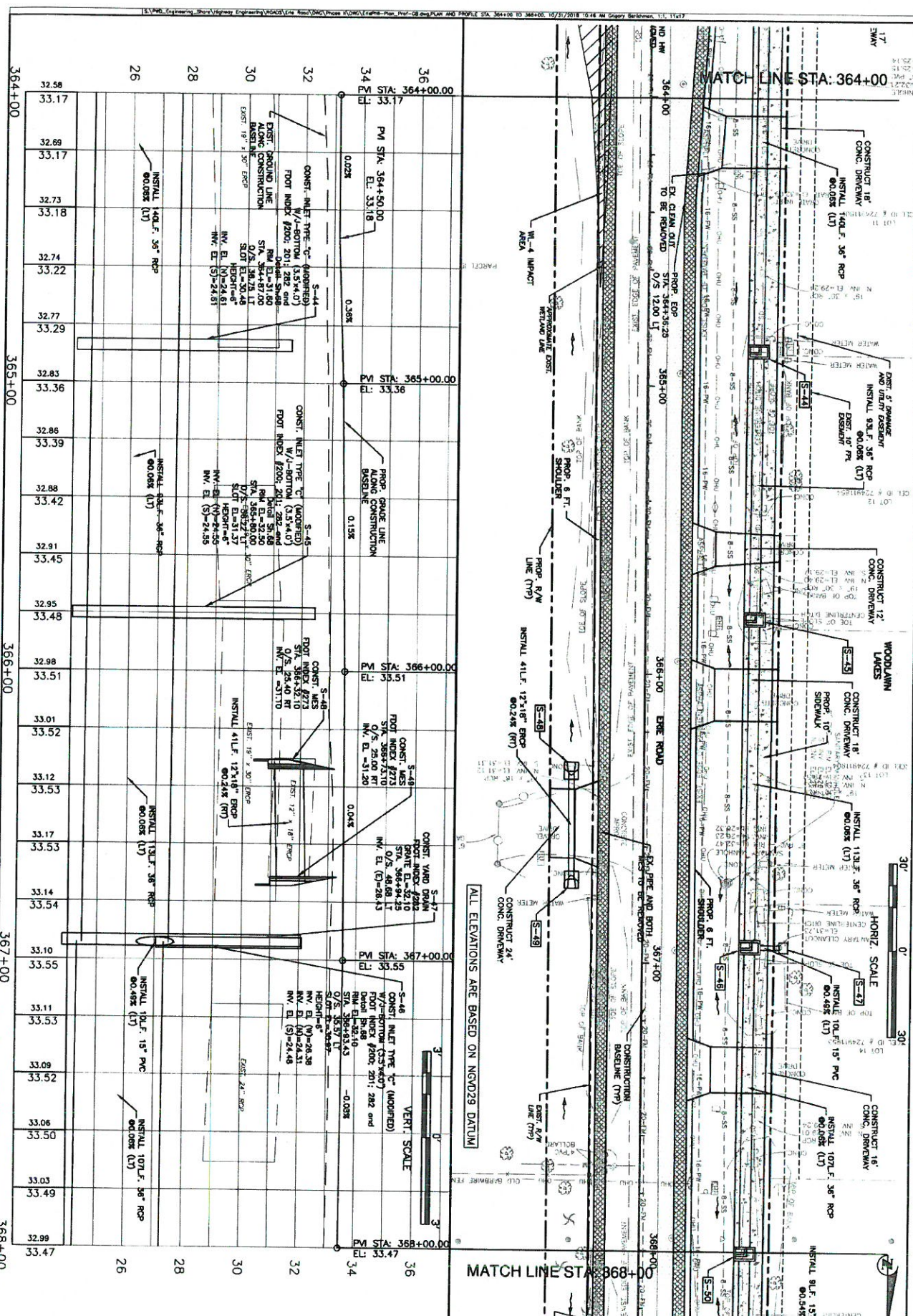
**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 360+00 TO 364+00**



NO.	REVISION DESCRIPTION	DATE
1	PER SHEET COMMENTS	07/24/18

PROJECT #	307-000000
SHEET #	00-4113
SEC./TWP./RGE	23/23/45/18
SCALE	AS SHOWN
DATE	04/2013
DESIGNED BY	04/2013
CHECKED BY	04/2013
DATE	10/2013

SHEET 30



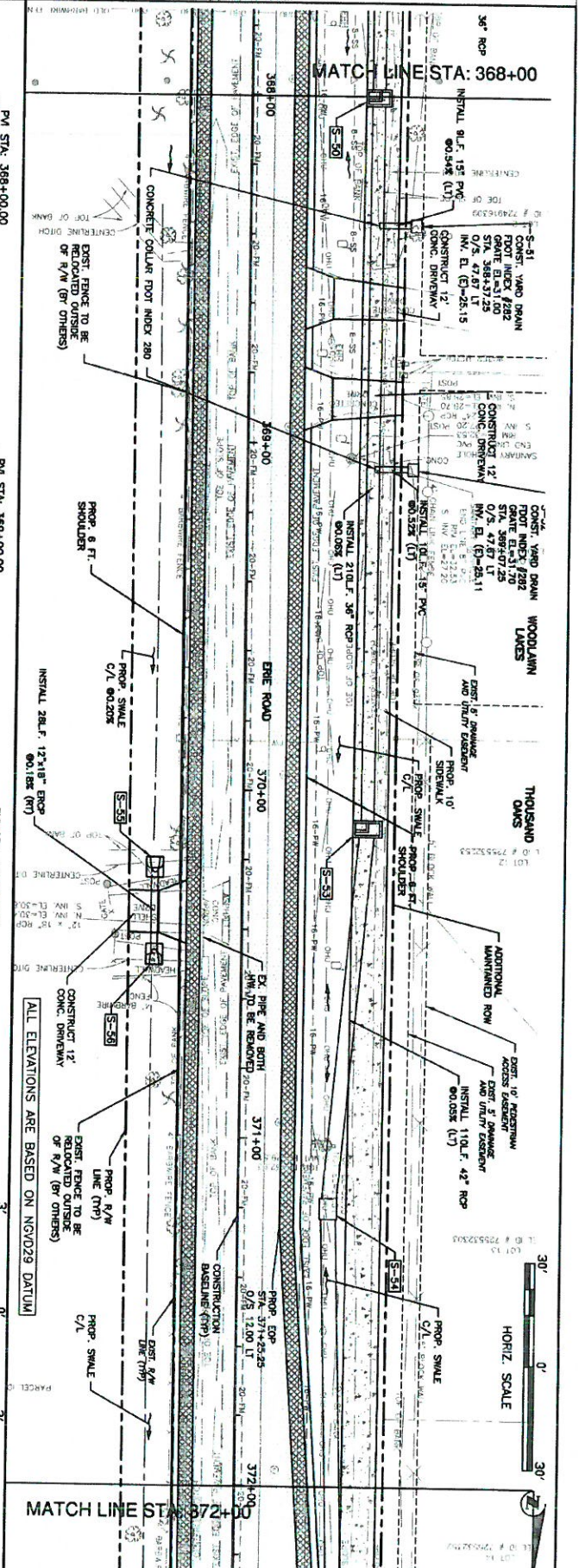
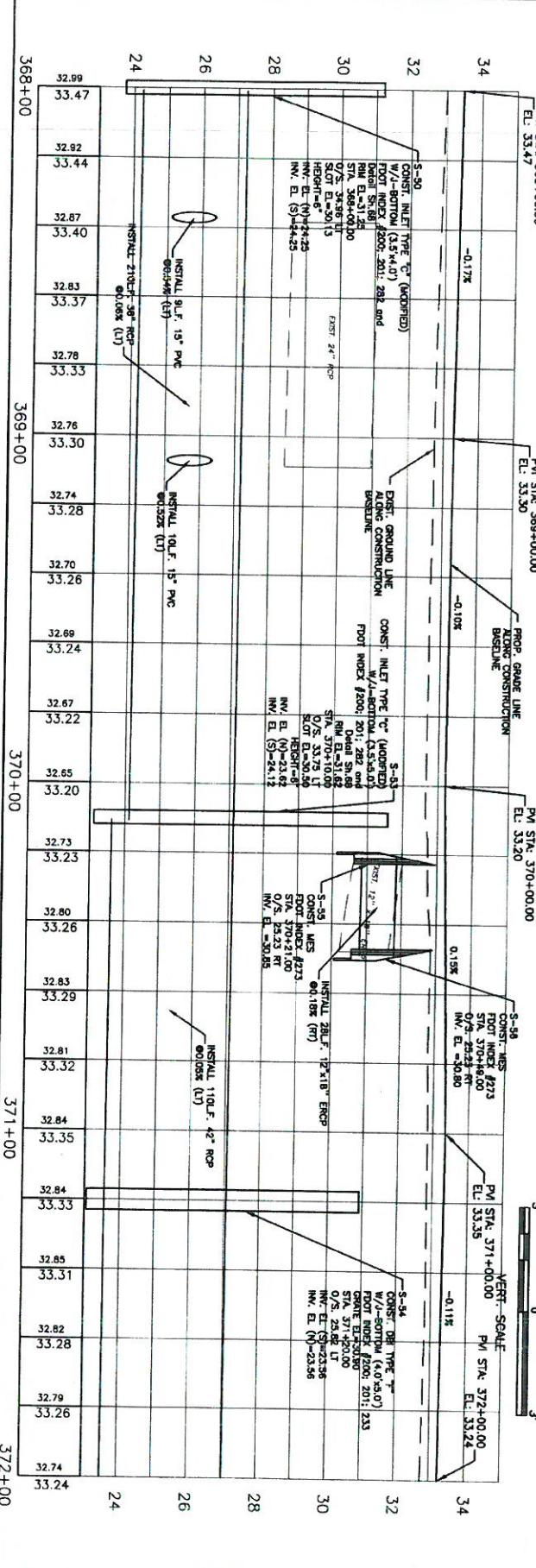
ALL ELEVATIONS ARE BASED ON NGVD29 DATUM

ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 364+00 TO 368+00



NO.	DATE	REVISION DESCRIPTION
1	07/24/18	PER SWFWAY COMMENTS

PROJECT #	307-0002840
SHEET #	00-1313
SEC./TWP./RGE	23/23/18/18
SCALE	AS NOTED
DESIGNED BY	DME
CHECKED BY	CS
DATE	04/20/15
REVISION	04/20/15



ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 368+00 TO 372+00

REVISION DESCRIPTION

NO.	DATE	BY	DESCRIPTION
1	07/24/16	KOL	PER SWFWD COMMENTS

PROJECT # 307-0802666

SHEET # 02-4133

SEC./TWP./R3E R35/S34/E1/RS

SCALE AS NOTED

DATE 04/2013

DESIGNED CR 04/2013

DRAWN CR 04/2013

CHECKED YF 10/2015

PROJECT MANAGER YF 10/2015

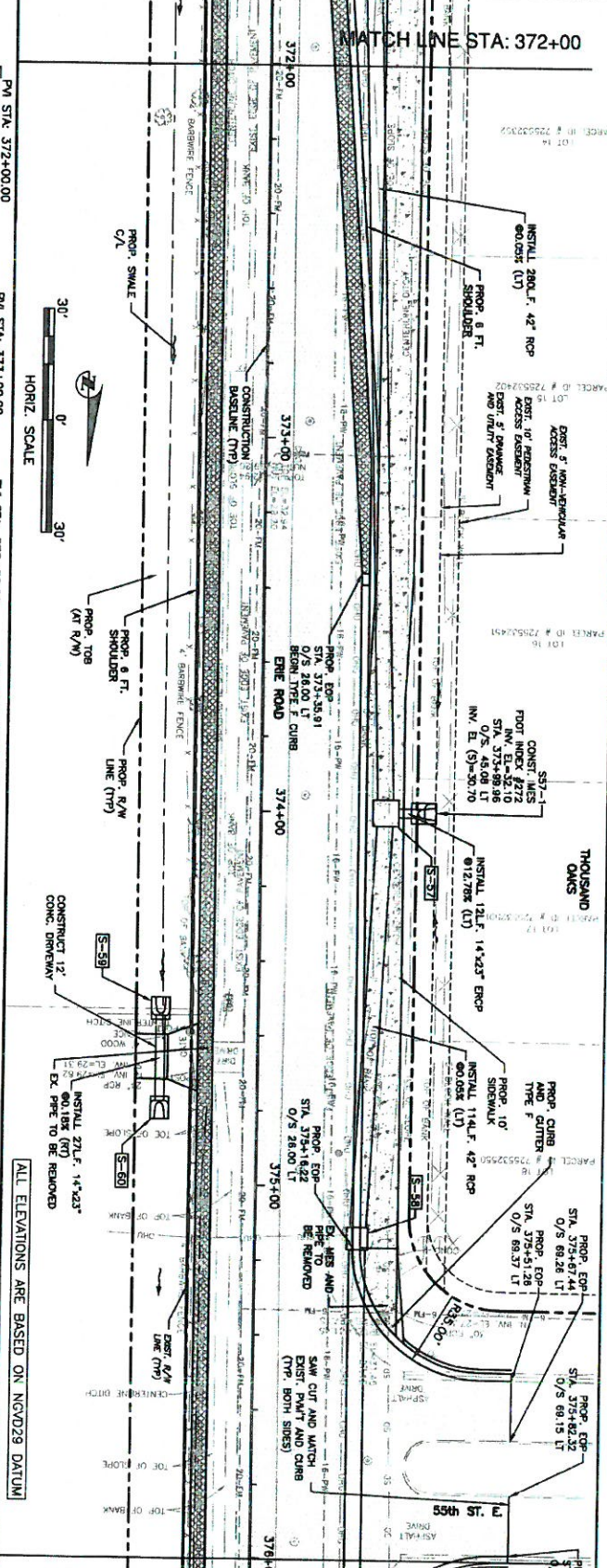
NO. 10888

MANATEE COUNTY
FLORIDA

SHEET 32

DATE PLOTTED: 07/24/16 10:46 AM
 PLOTTER: HP DesignJet 2550C
 PLOT SCALE: 1"=40'-0"

STATION	ELEVATION	REMARKS
34	32.74	
	33.24	
	32.69	
	33.24	
	32.66	
	33.24	
	32.68	
	33.25	
	32.70	
	33.25	
	32.72	
	33.25	
	32.75	
	33.27	
	32.79	
	33.29	
	32.73	
	33.25	
	32.64	
	33.15	
	32.53	
	33.05	
	32.33	
	32.82	
	32.11	
	32.58	
	31.92	
	32.45	
	31.77	
	32.31	
	31.59	
	32.18	
	31.40	
	32.14	
	31.24	
	32.10	
	31.19	
	32.06	
	31.16	
	32.02	
	31.15	
	31.68	



MATCH LINE STA. 372+00

MATCH LINE STA. 376+00

ALL ELEVATIONS ARE BASED ON NGVD29 DATUM

ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 372+00 TO 376+00

DATE: 07/24/18
 BY: KHL

REVISION DESCRIPTION

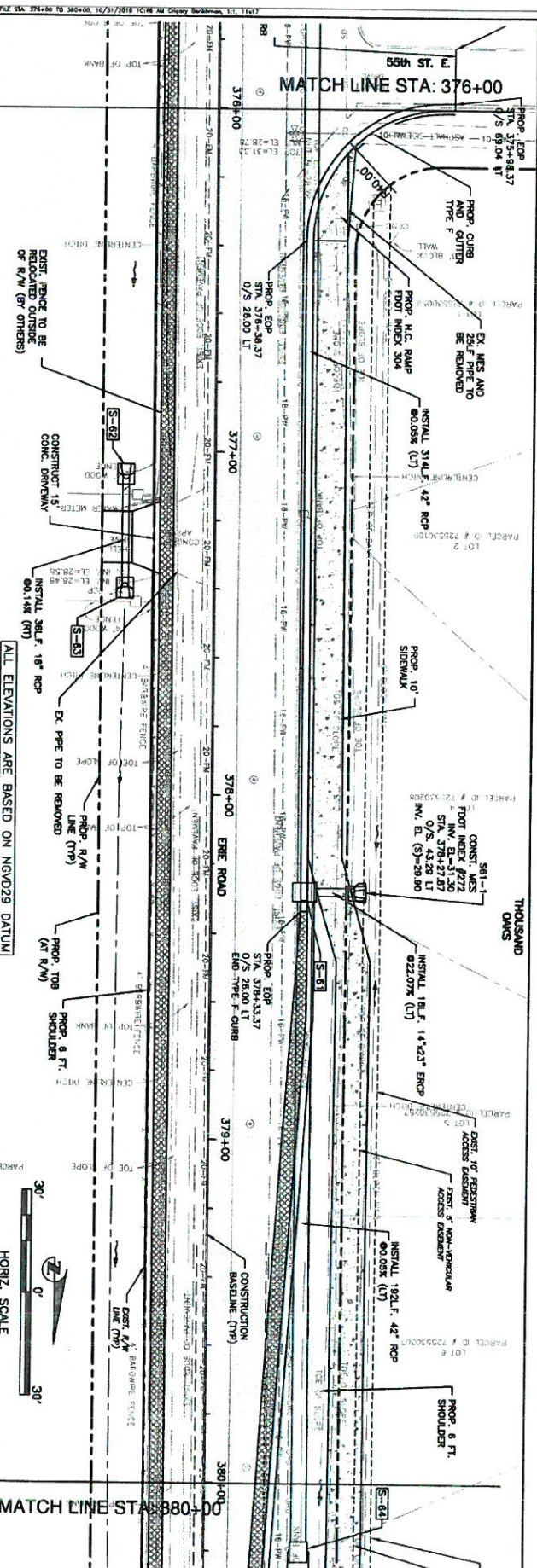
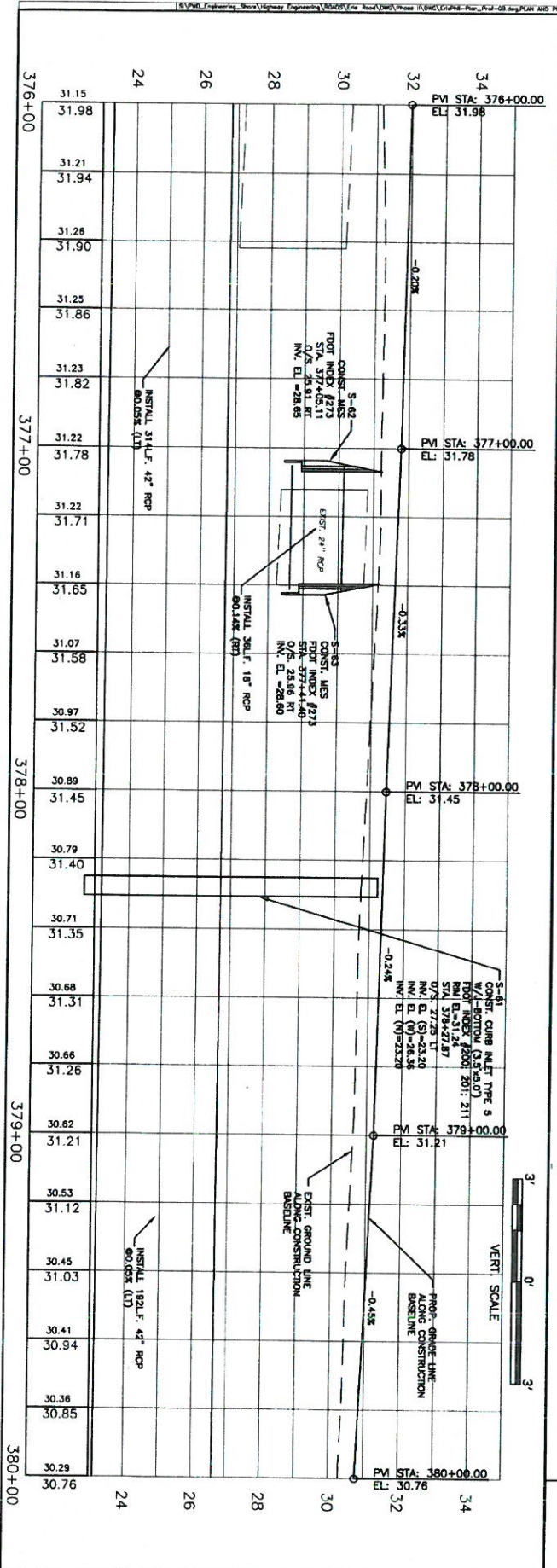
NO.	DATE	DESCRIPTION
1		PER SHIPWAY COMMENTS

PROJECT # 307-0000000
 SHEET # 00-41133
 SEC./TWP./RANGE 23S/23E/4E
 SCALE AS SHOWN

DATE: 09/20/15
 CHECKED: 08/04/2015
 DRAWN: 08/04/2015
 CHECKED: 08/04/2015

PROJECT: ERIE ROAD, US 301 TO US 301, SOUTH-NORTH PHASE II
 DRAWING NO: 307-0000000-1133
 DATE: 07/24/18





**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 376+00 TO 380+00**

NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWFWAG COMMENTS	NHL	07/24/18

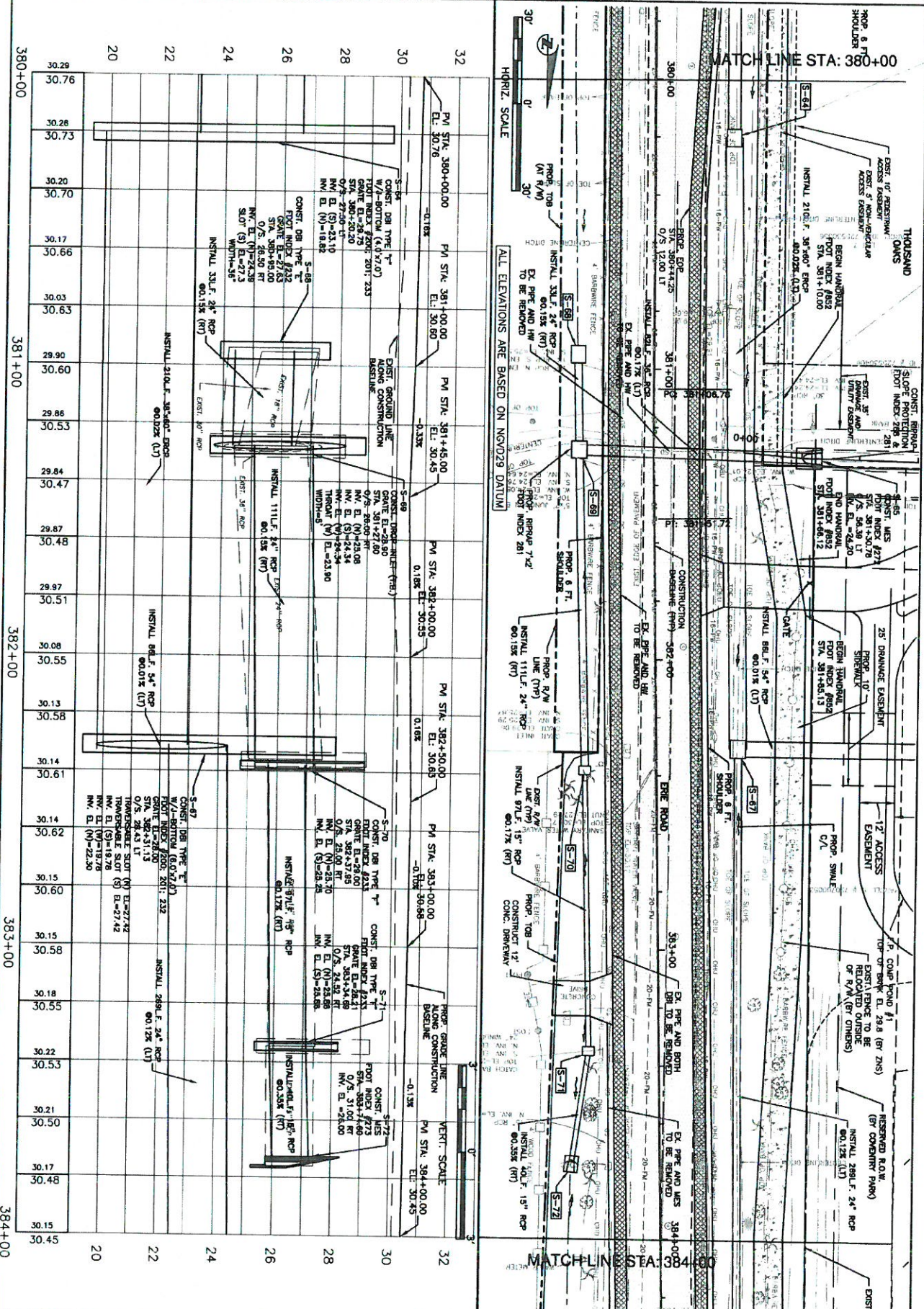
PROJECT #	307-6028860
SURVEY #	00-1313
SEC./TWP./RANGE	23/23N/57E
DATE	AS NOTED
DESIGNED	2/15/2013
DRAWN	04/27/13
CHECKED	09/20/15

VERT. SCALE
3' = 1" (0' to 3')

HORIZ. SCALE
30' = 1" (0' to 30')

SHEET 34

Manitowish
Waters
County
Wisconsin



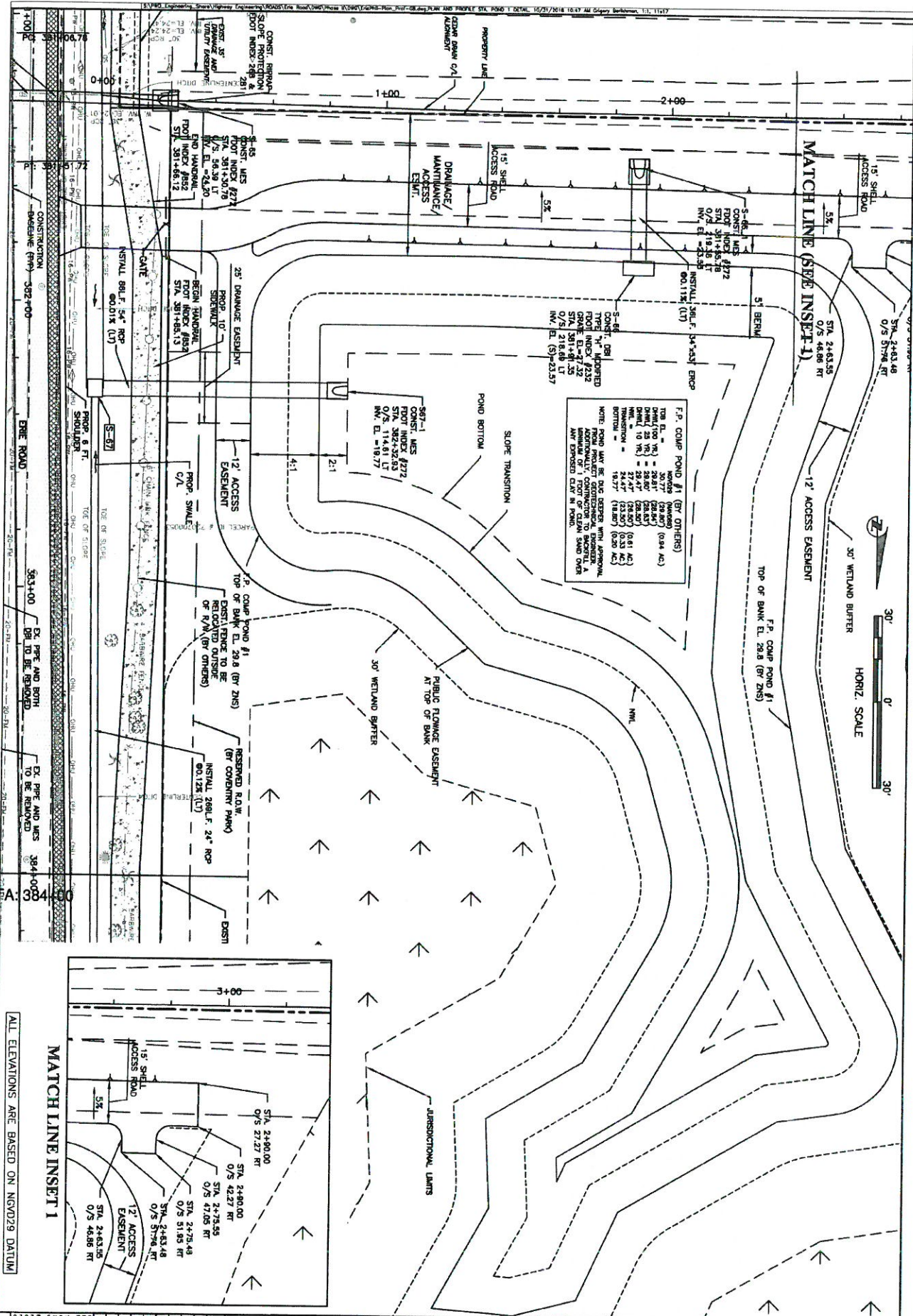
NO.	DATE	REVISION DESCRIPTION	BY	DATE
1	07/24/18	PER SHOWN COMMENTS	KL	

PROJECT #	307-0028860
SUBJECT #	00-11133
SEC./TWP./RANGE	E.26./N.33./W.18E
SCALE	AS SHOWN
DRAWN	KL
CHECKED	KL
DATE	04/23/18
DATE	04/23/18
DATE	04/23/18
DATE	04/23/18

PROJECT #	307-0028860
SUBJECT #	00-11133
SEC./TWP./RANGE	E.26./N.33./W.18E
SCALE	AS SHOWN
DRAWN	KL
CHECKED	KL
DATE	04/23/18
DATE	04/23/18
DATE	04/23/18
DATE	04/23/18

**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
PLAN AND PROFILE STA. 380+00 TO 384+00**



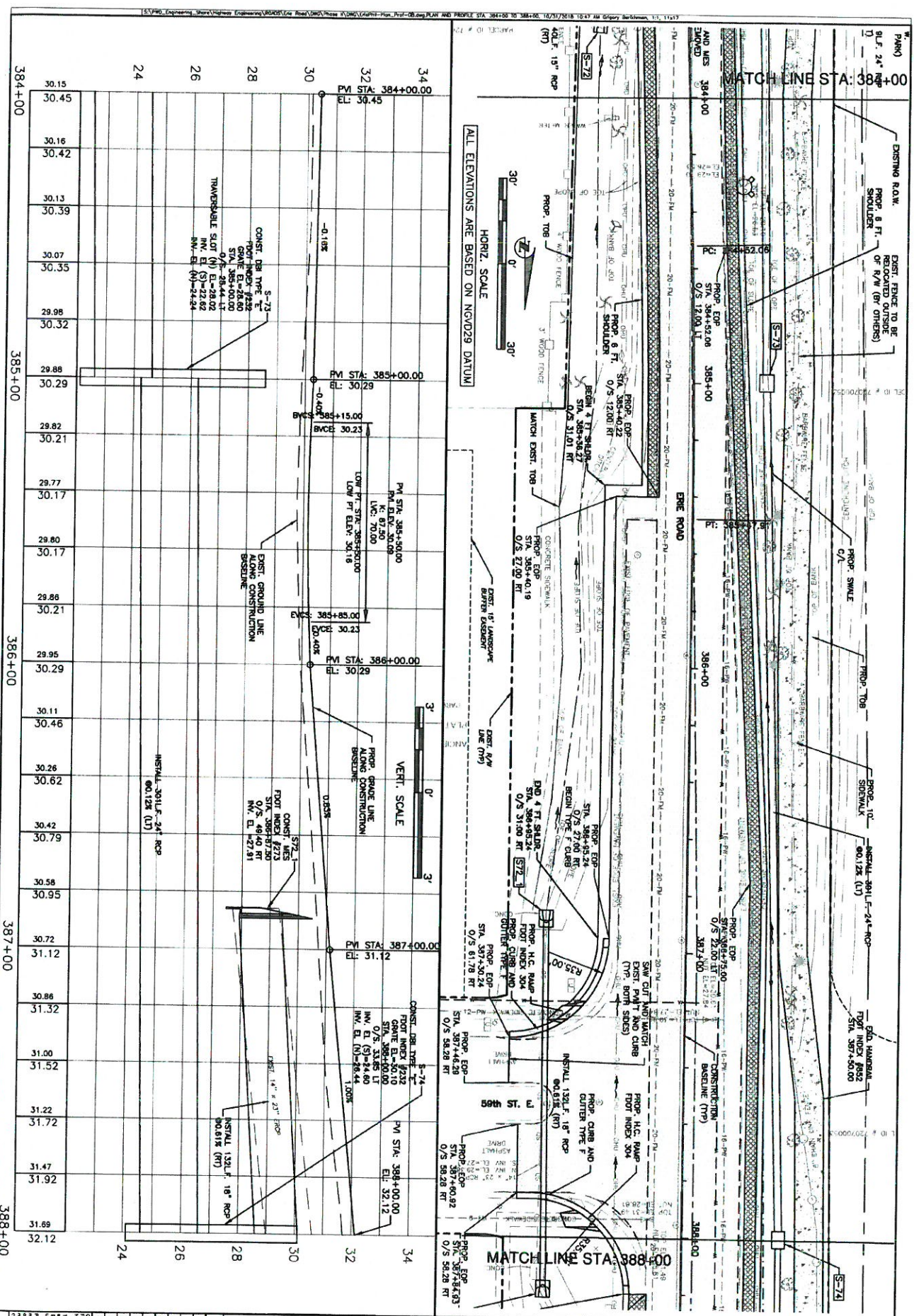


NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWFWMD COMMENTS	KOL	07/24/18

PROJECT #	307-000000
SHEET #	00-1313
DATE	04/29/13
SCALE	AS NOTED
DRAWN	08
CHECKED	08
DATE	04/29/13
SCALE	AS NOTED
DRAWN	08
CHECKED	08
DATE	04/29/13

ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
POND DETAIL AT COVENTRY PARK
DESIGNED BY ZNS PERMIT #



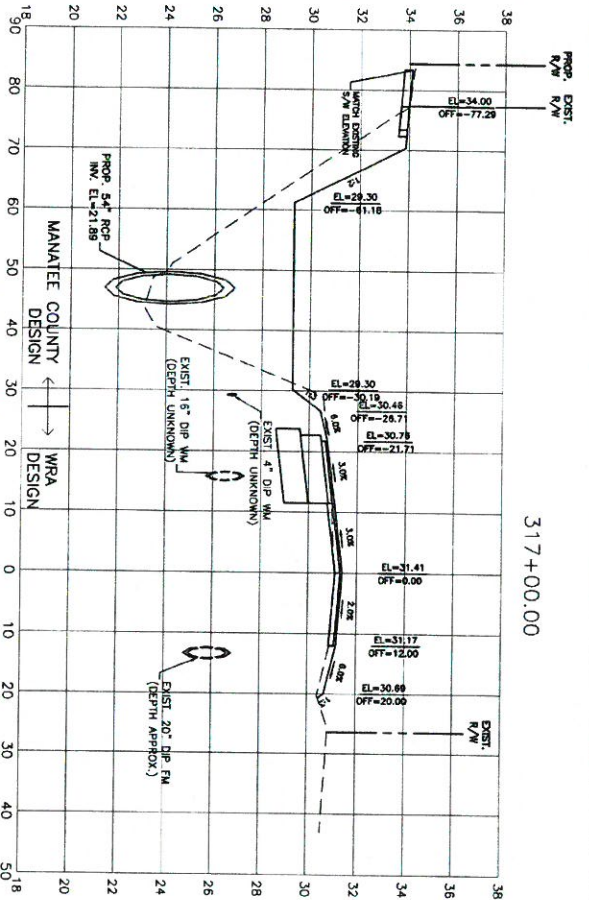


ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II PLAN AND PROFILE STA. 384+00 TO 388+00

NO.	REVISION DESCRIPTION	DATE
1	PER SWYRWD COMMENTS	07/24/18

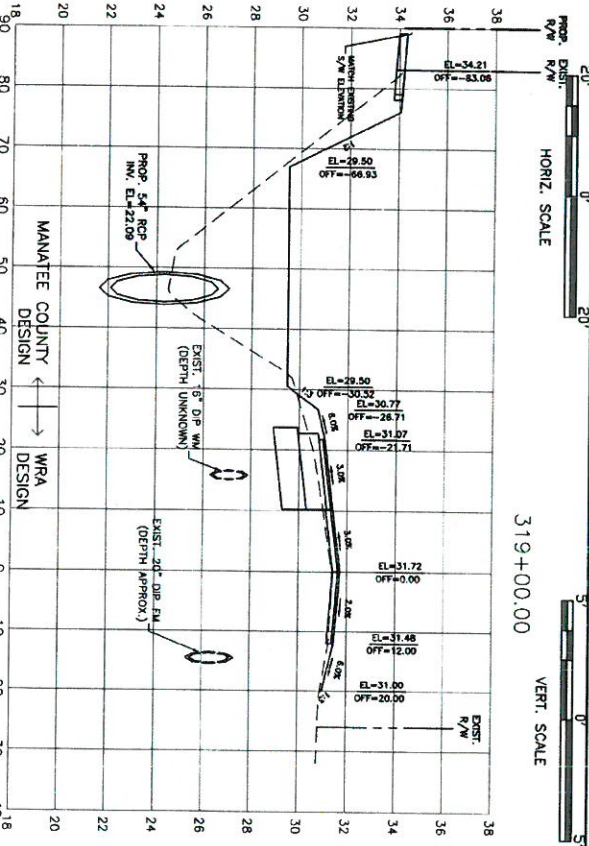
PROJECT #	307-000000
SHEET #	00-4313
SEC./TWP./RGE	23/23/1345/11E
SCALE	AS SHOWN
DRAWN	2008
DESIGNED	2013
CHKD	04/20/15
APP'D	04/20/15
DATE	10/20/15



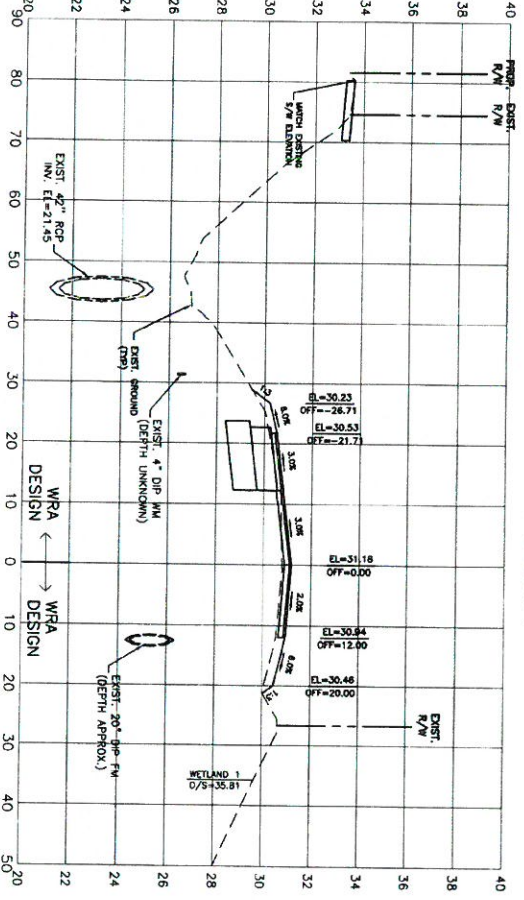


FROM STA. 316+14 TO STA. 324+00 THE ROADWAY IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA. STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY MANATEE COUNTY.

317+00.00



318+00.00



319+00.00

HORIZ. SCALE

VERT. SCALE

**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
CROSS SECTIONS**



NO.	REVISION DESCRIPTION	BY	DATE
1			
2			
3			

PROJECT #	007-6082840
SHEET #	007-13123
SEC./TWP./RGE	25N/133W/18E
SCALE	AS NOTED
SUBMITTED	02/2013
DESIGNED	04/2013
DRAWN	04/2013
CHECKED	10/2013

DATE: 10/2013

PROJECT: 007-6082840

SHEET: 007-13123

SEC./TWP./RGE: 25N/133W/18E

SCALE: AS NOTED

SUBMITTED: 02/2013

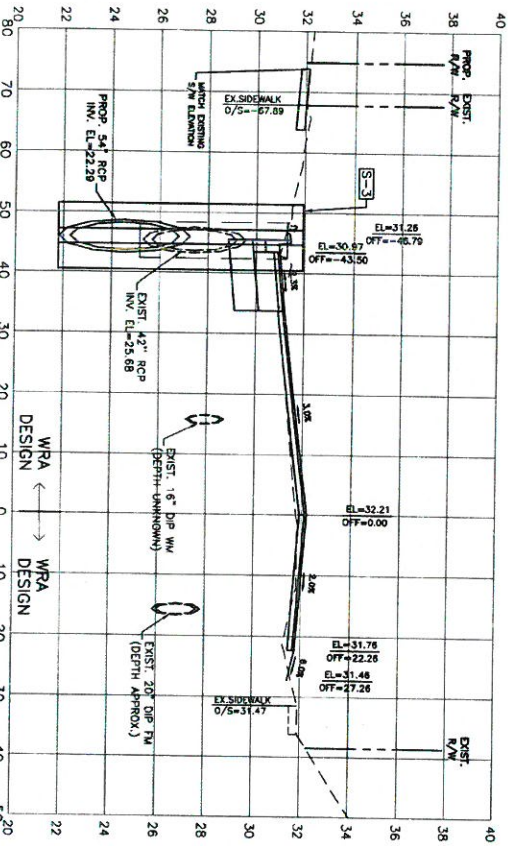
DESIGNED: 04/2013

DRAWN: 04/2013

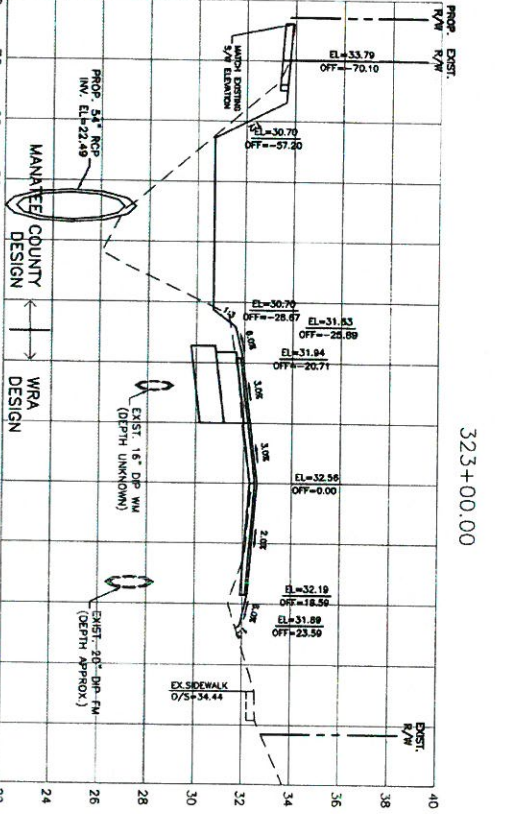
CHECKED: 10/2013

DATE: 10/2013

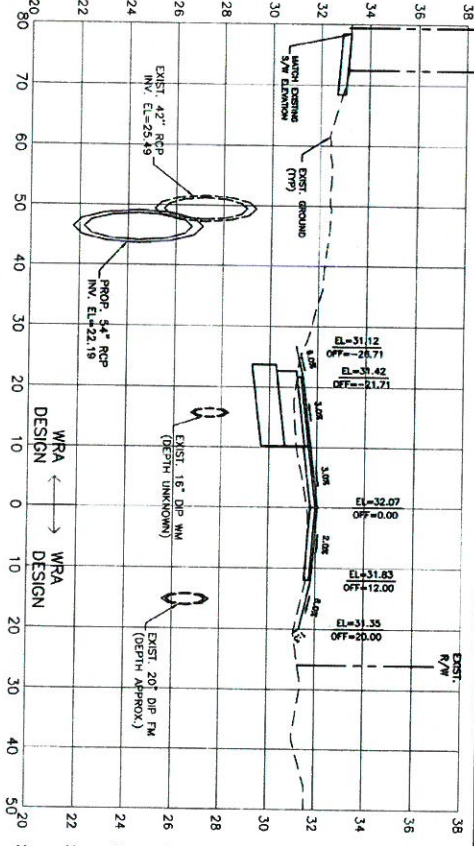
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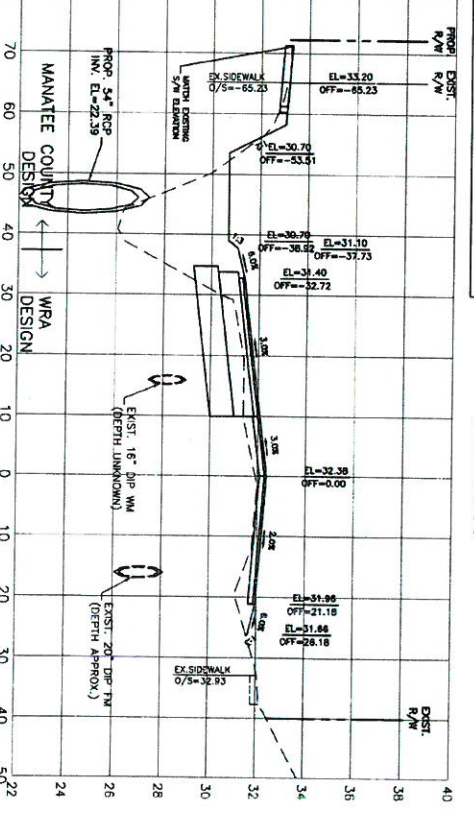
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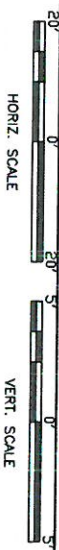
320+00.00



322+00.00



FROM STA: 316+14 TO STA: 324+00 THE ROADWAY IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA. STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY MANATEE COUNTY.



ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/20/13
2	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
3	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
4	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
5	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
6	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
7	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
8	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
9	REVISED TO REFLECT PERMIT COMMENTS	04/20/13
10	REVISED TO REFLECT PERMIT COMMENTS	04/20/13

PROJECT # 307-6000000
 SURVEY # 00-43113
 SEC./TWP./RGE 23S/34W/8E
 SCALE AS NOTED
 SHEET 44

Printed copies of this document are not guaranteed to be accurate and may be verified on any electronic device.
 No other information is provided.
 Project: ERIE ROAD IMPROVEMENTS
 Station: 316+14 TO 324+00
 Date: 04/20/13
 Scale: AS NOTED
 SHEET 44

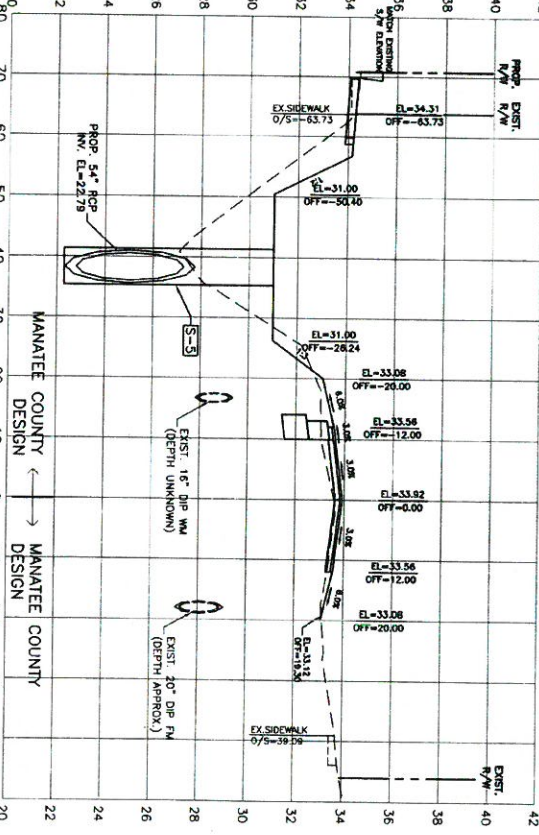
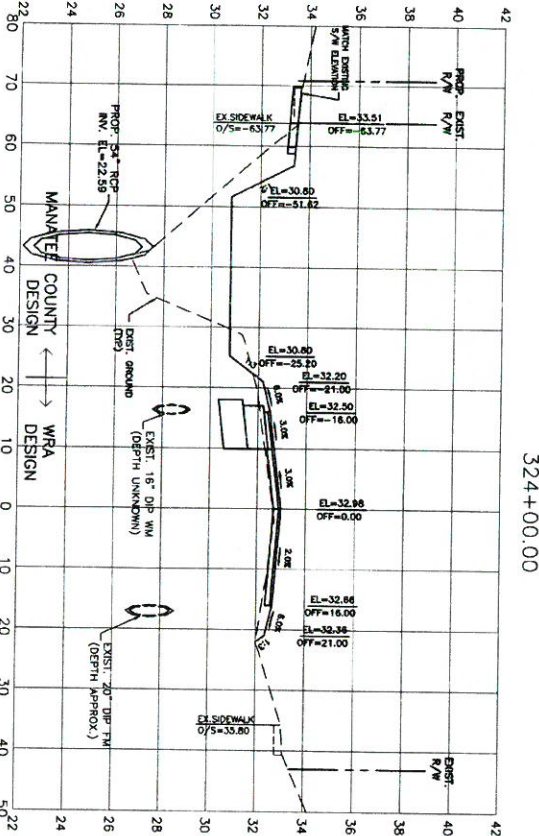
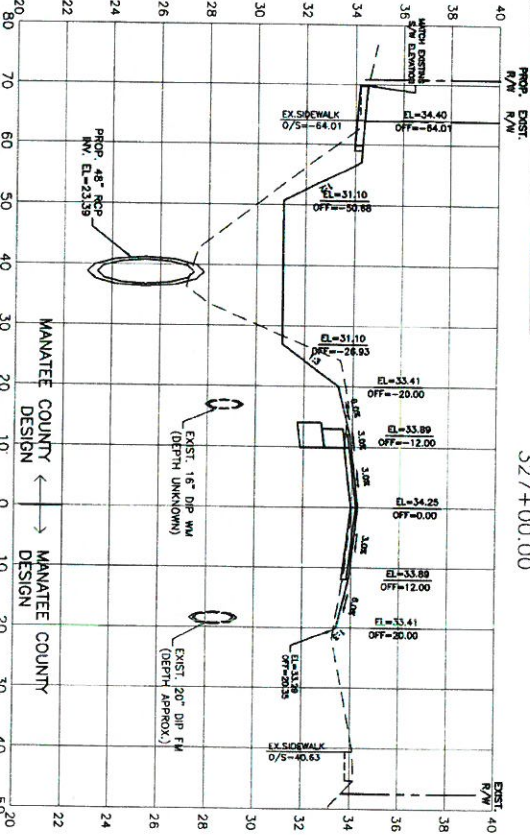
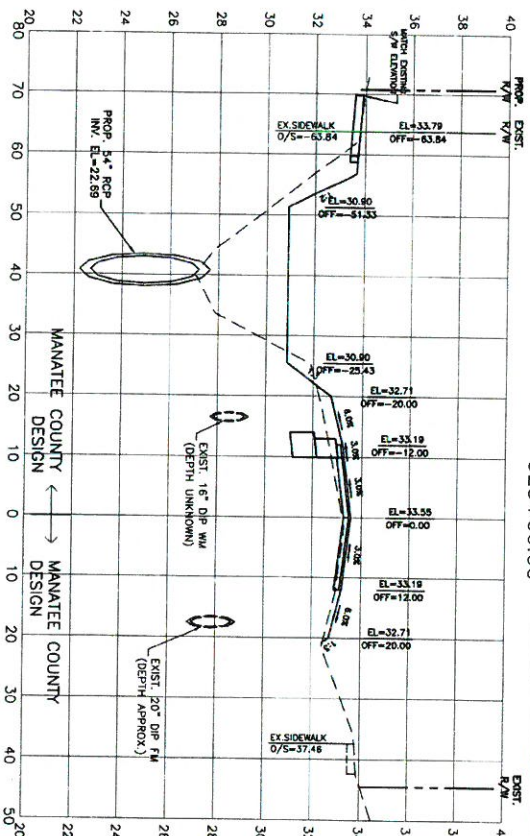
HORIZ. SCALE

325+00.00

FROM STA: 316+14 TO STA:324+00 THE ROADWAY IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY WRA. STORMWATER IMPROVEMENTS CONSTRUCTION PLANS ARE DESIGNED AND PERMITTED BY MANATEE COUNTY.

327+00.00

VERT. SCALE



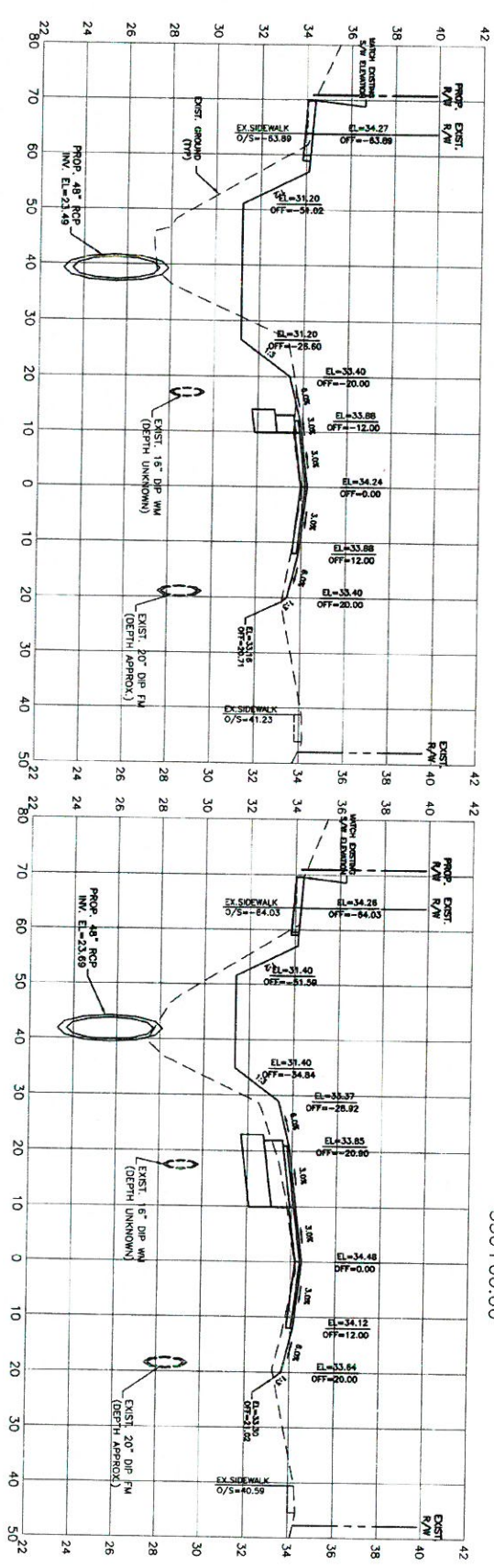
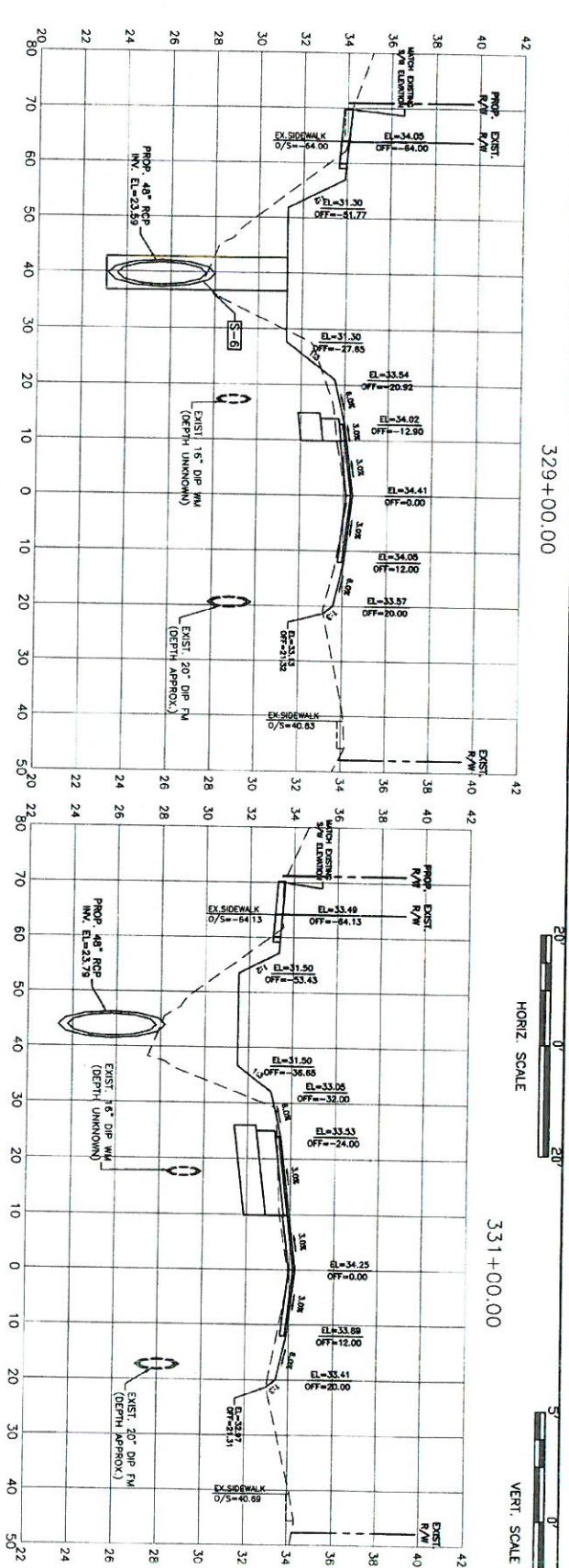
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	BY	DATE
1	ISSUED FOR PERMIT		
2	REVISED		
3	REVISED		
4	REVISED		
5	REVISED		
6	REVISED		
7	REVISED		
8	REVISED		
9	REVISED		
10	REVISED		
11	REVISED		
12	REVISED		
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25	REVISED		
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27	REVISED		
28	REVISED		
29	REVISED		
30	REVISED		
31	REVISED		
32	REVISED		
33	REVISED		
34	REVISED		
35	REVISED		
36	REVISED		
37	REVISED		
38	REVISED		
39	REVISED		
40	REVISED		
41	REVISED		
42	REVISED		

PROJECT # 307-0002850
 SHEET # 00-41133
 SEC./TWP./RGE. E/5S/134E/18E
 SCALE AS NOTED
 DATE 04/28/15
 DESIGNED BY 04/28/15
 CHECKED BY 04/28/15
 DRAWN BY 04/28/15

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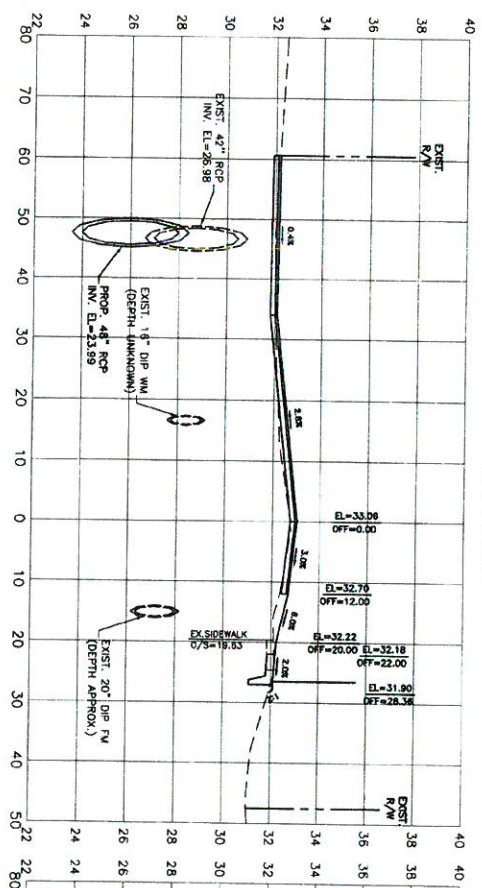
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-604380
SUBJECT	00-4113
SEC./TWP./RSE	E.33./N.34./E.18
SCALE	AS NOTED
DRAWN	2/5 2013
CHECKED	04/28/15
DATE	04/28/15
DATE	10/20/15

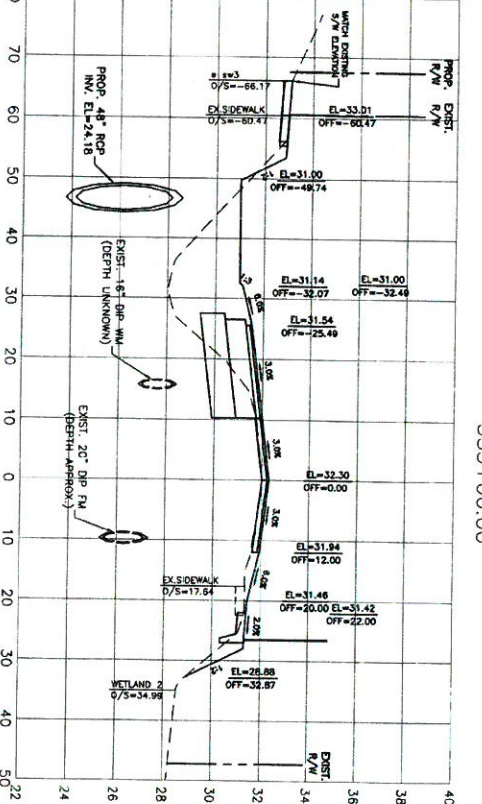
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ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS

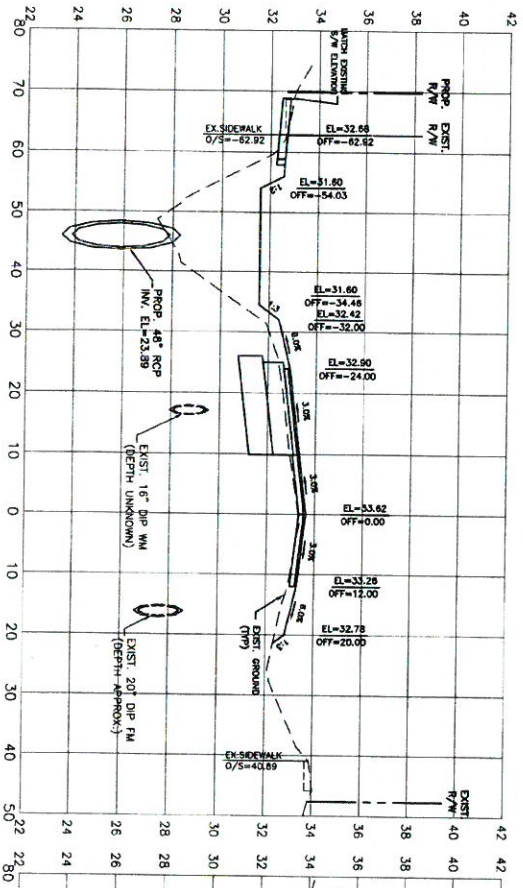




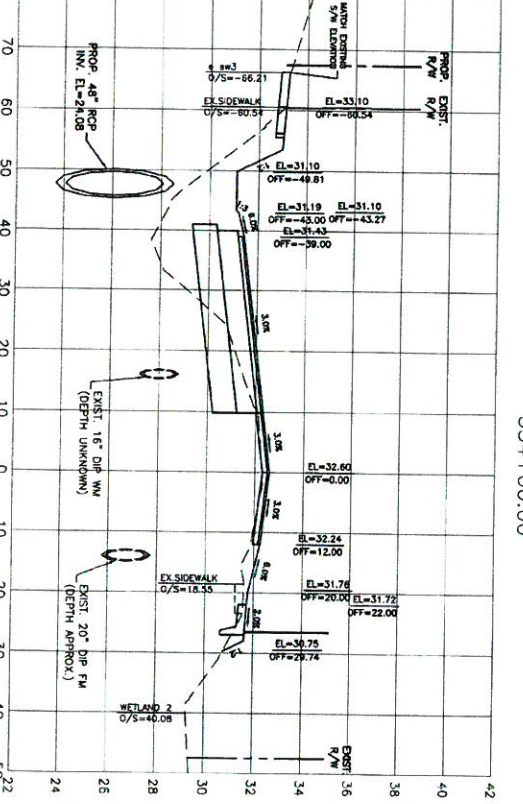
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334+00.00



335+00.00



336+00.00



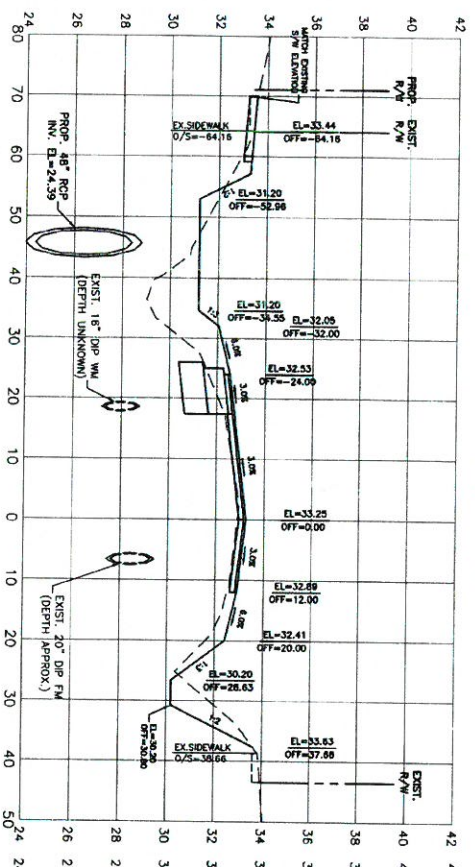
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



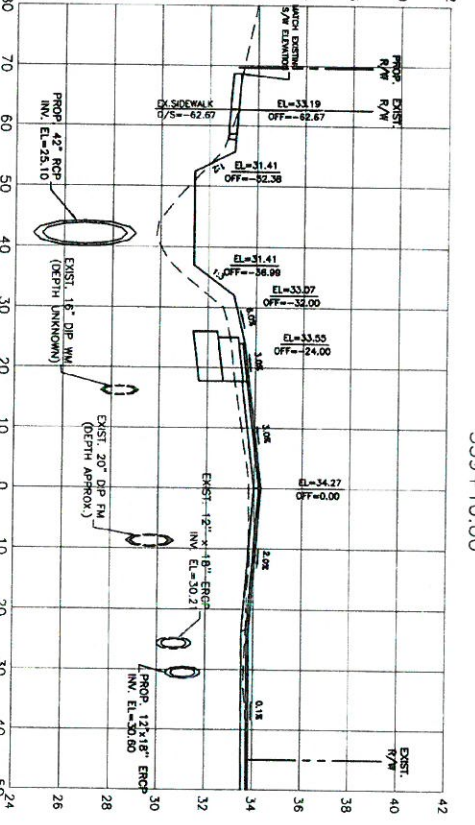
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-022880
SHEET #	00-1113
SEC./TWP./RGE.	P.25/33.54/18E
SCALE	AS NOTED
SUBMITTED	2/5/2013
DESIGNED	04/20/13
DRAWN	08/04/2013
CHECKED	10/20/13

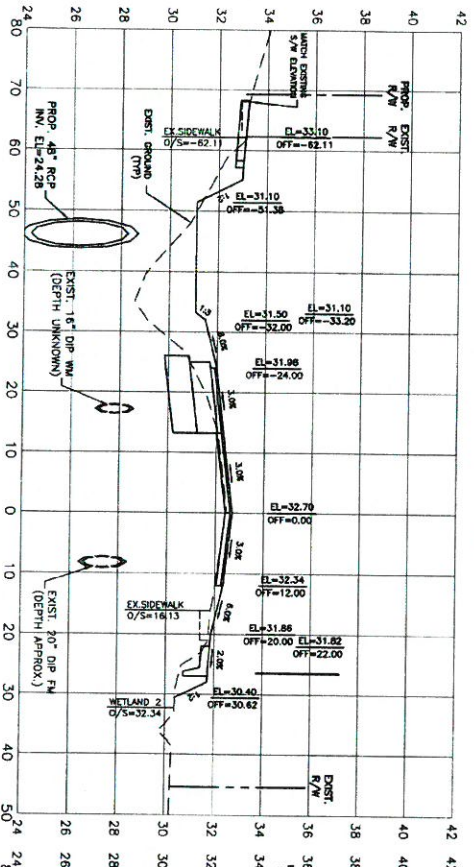
Project: Erie Road, Phase II, Station 333+00.00 to 336+00.00
 Date: 11/11/13
 Drawn by: [Name]
 Checked by: [Name]
 Project Engineer: [Name]
 Project Manager: [Name]



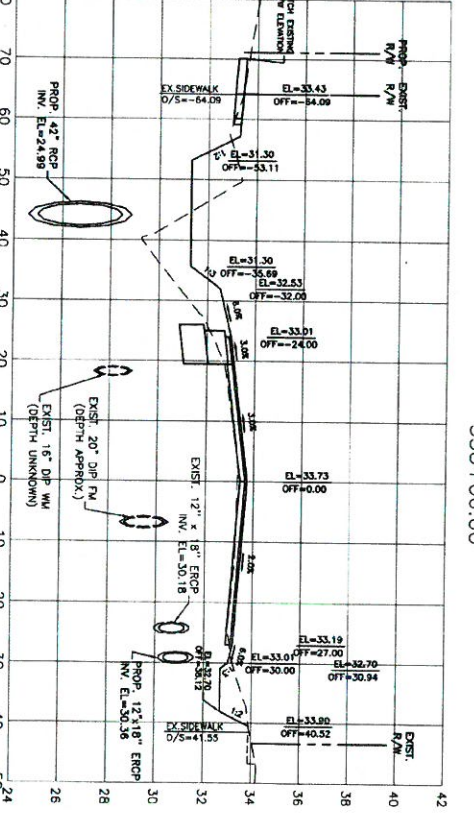
337+00.00



339+10.00



336+00.00



338+00.00



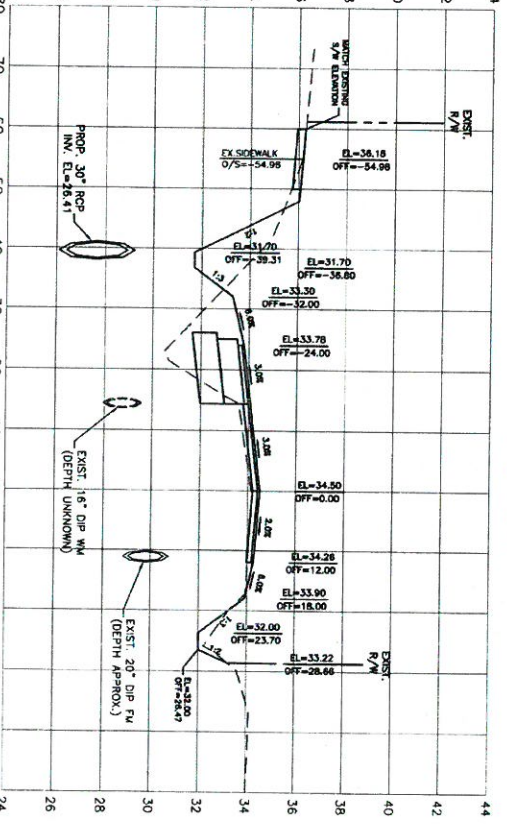
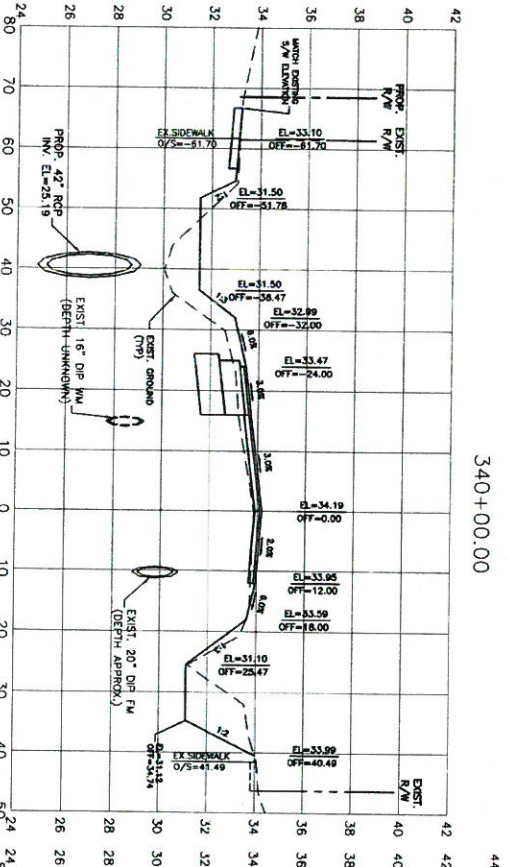
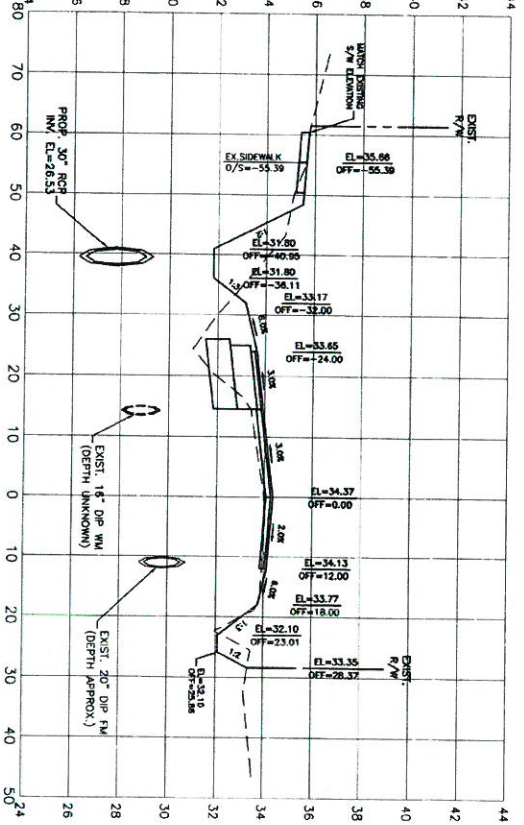
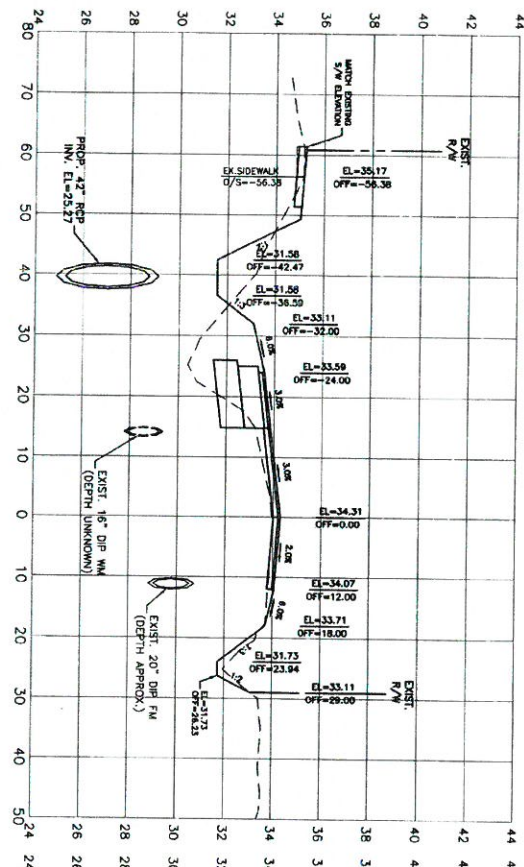
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-0002850
SUBJECT #	02-1313
SEC./TWP./RANGE	D.35/13345/18E
SCALE	AS SHOWN
SUBMITTED	NZL 2013
DESIGNED	GB 04/20/13
DRAWN	GB 04/20/13
CHECKED	VF 10/20/13
DATE	10/20/13

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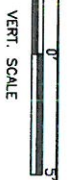


340+80.00

340+00.00

342+00.00

342+00.00



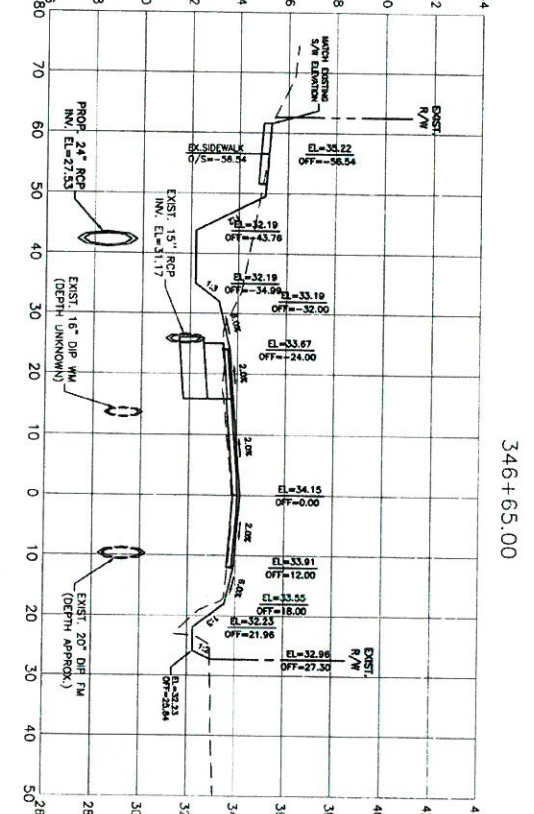
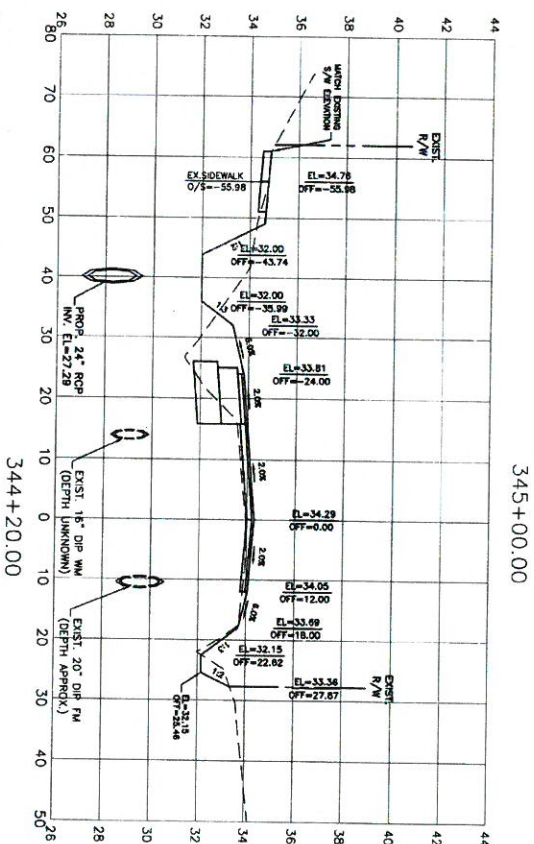
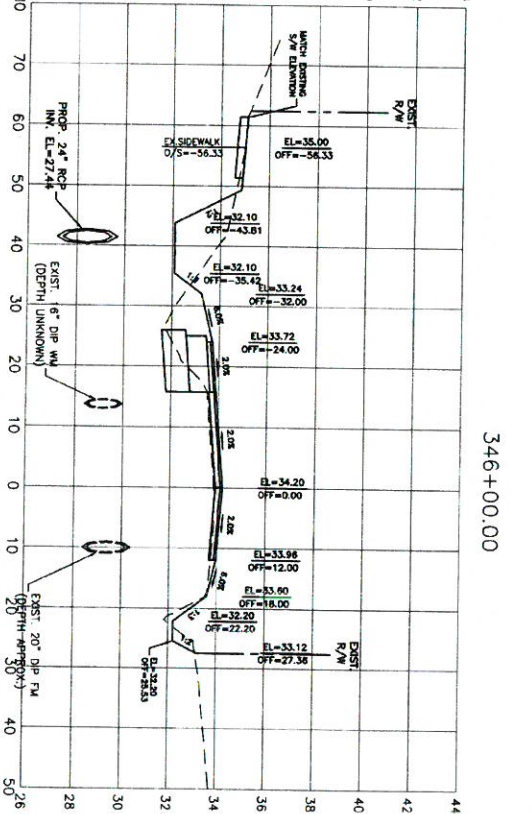
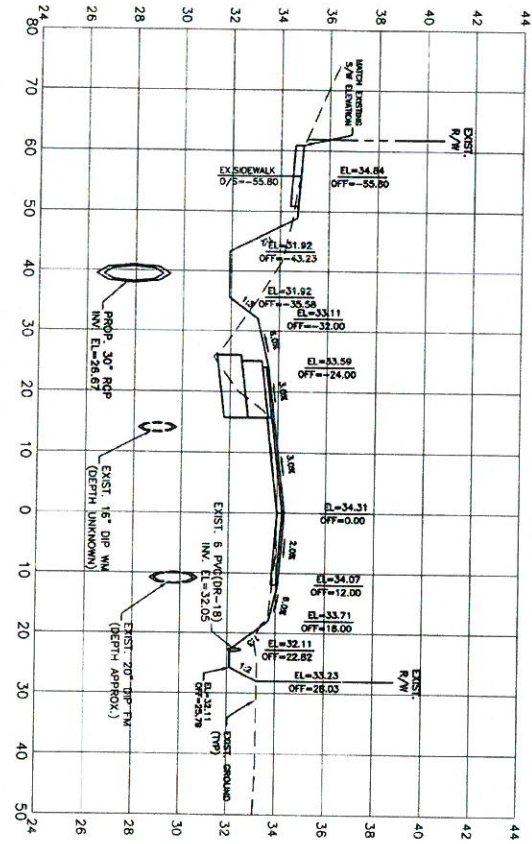
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-606280
SUBJECT #	00-1313
SEC./TWP./RGE	23/23/1345/18E
SCALE	AS NOTED
SUBMITTED	2ND 2013
DESIGNED	GD 04/20/13
DRAWN	DS 04/20/13
CHECKED	VF 10/20/13
DATE	10/20/13

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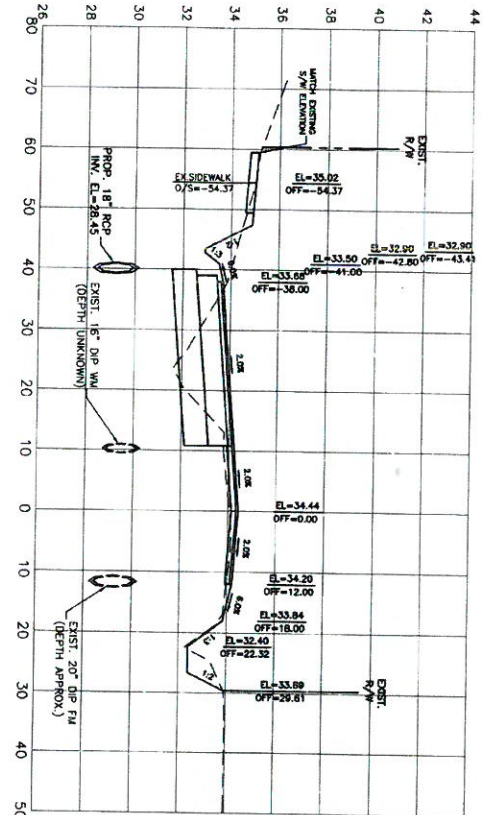
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



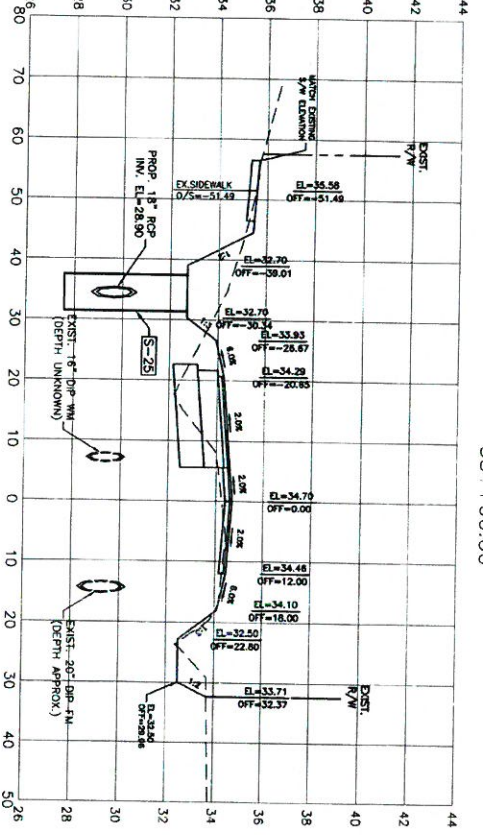
NO.	REVISION DESCRIPTION	DATE

PROJECT #	307-6082880
SHEET #	00-43133
SEC./MILE/REVISION	30/1345/RE
SCALE	AS NOTED
SUBMITTED BY	2013
DESIGNED BY	04/20/15
DRAWN BY	04/20/15
CHECKED BY	10/20/15
DATE	10/20/15

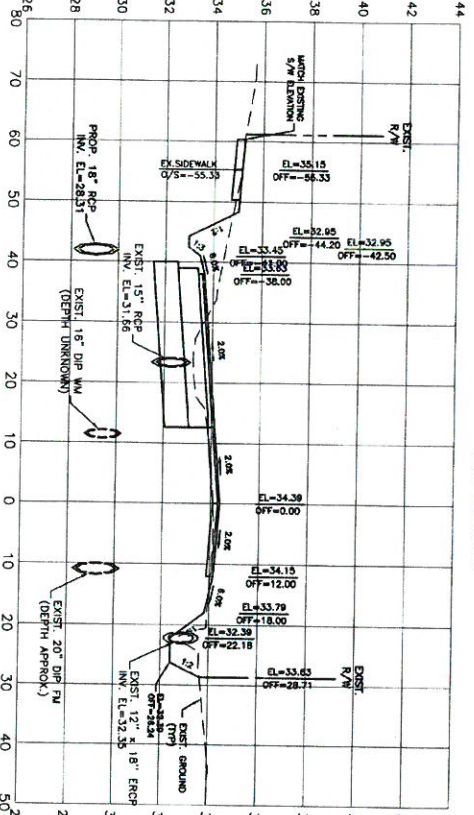
This drawing was prepared by the contractor under the supervision of the engineer. The engineer is not responsible for any errors or omissions in this drawing. The contractor shall be responsible for the accuracy of the field data and the construction of the project. The engineer's office is located at 1111 E. Manatee Avenue North, Suite 100, Manatee County, Florida 34456.



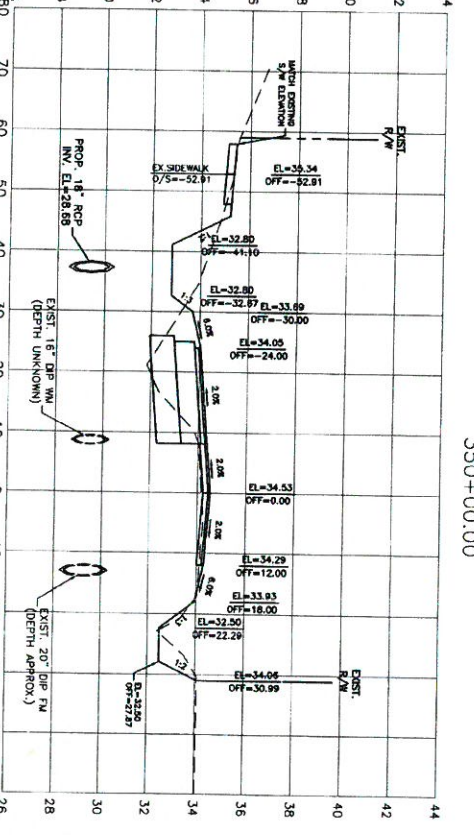
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351+00.00



348+35.00



350+00.00



ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS

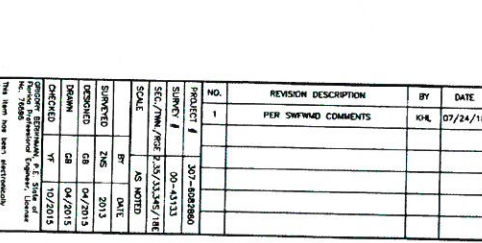
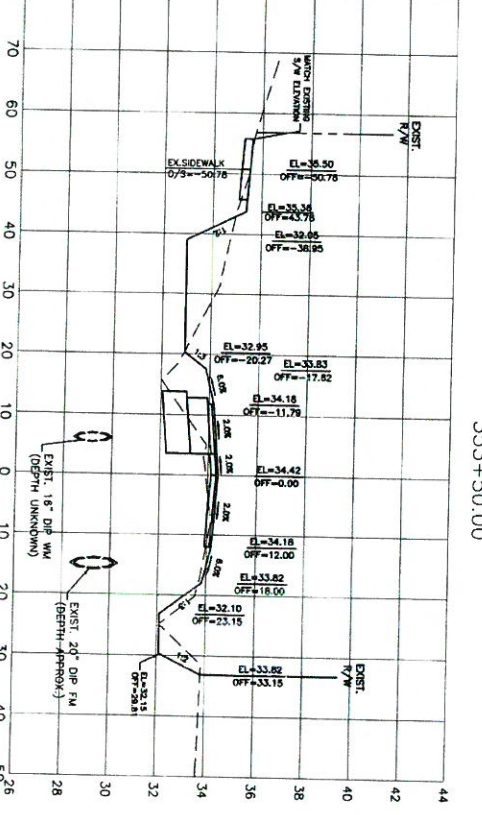
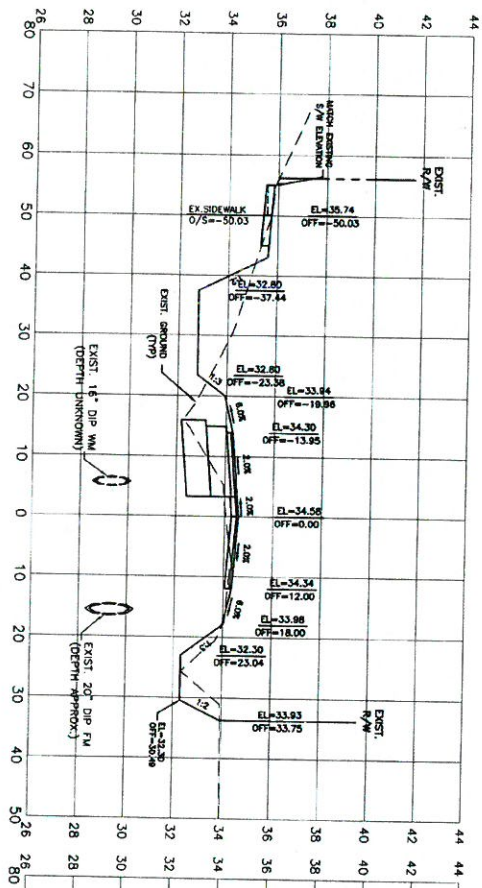
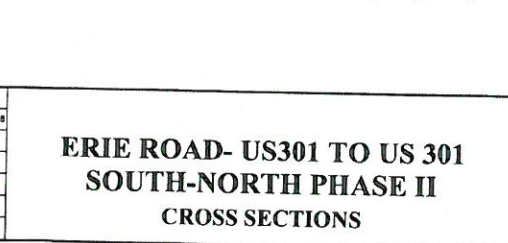
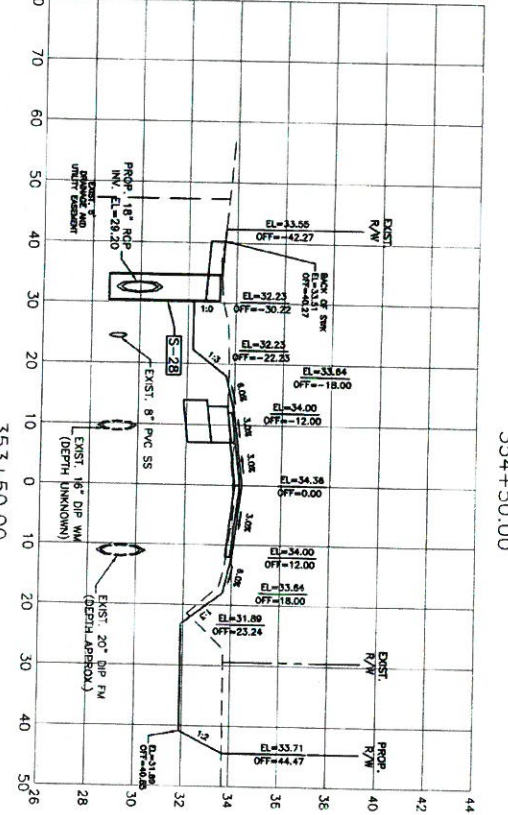
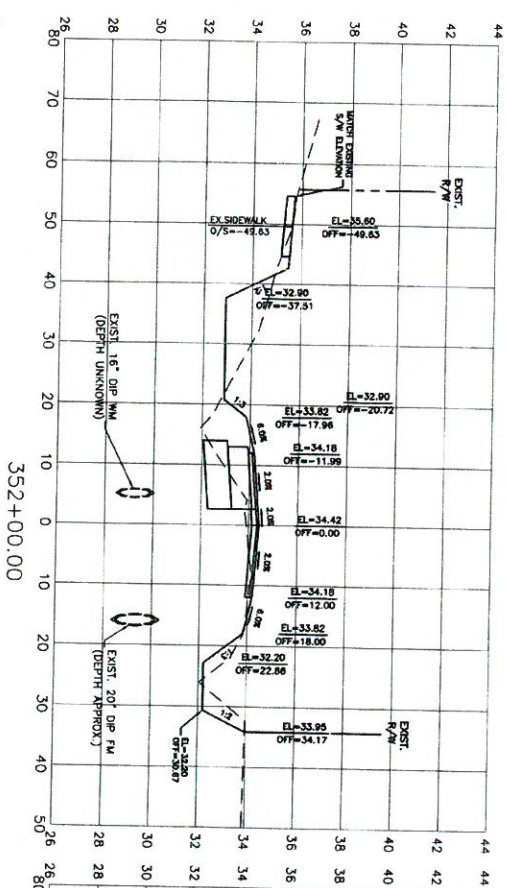


NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-0000000
SUBJECT #	00-4133
SEC./TWP./RNG	2/5/13345/1B2
SCALE	AS NOTED
DATE	
DESIGNED	09/20/15
DRAWN	04/20/15
CHECKED	10/20/15
DATE	10/27/15

The undersigned hereby certifies that the information furnished herein is true and correct to the best of his knowledge and belief, and that he is duly qualified to perform the duties herein required. He further certifies that the information furnished herein is true and correct to the best of his knowledge and belief, and that he is duly qualified to perform the duties herein required.

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NO.	REVISION DESCRIPTION	BY	DATE
1	PER SHEET COMMENTS	JAL	07/24/18

PROJECT #	307-808880
SHEET NO.	01-43111
DATE	10/20/15
SCALE	AS NOTED
DRAWN	CB
CHECKED	YF

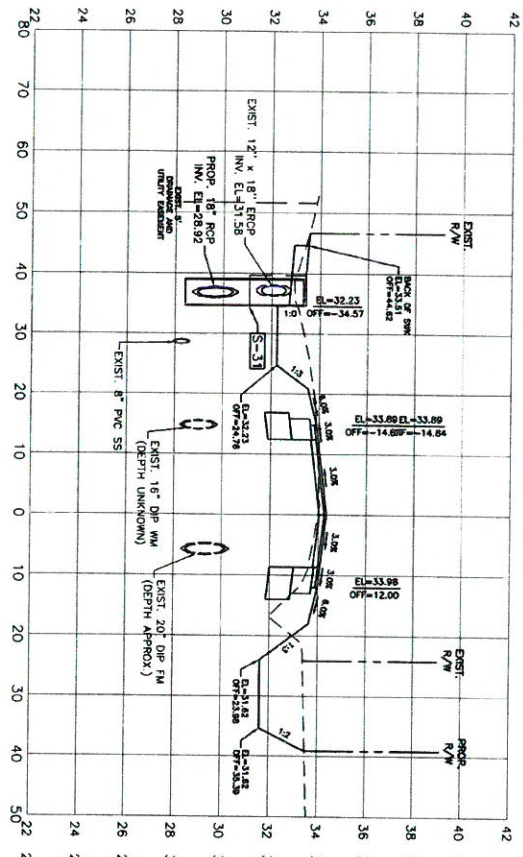
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



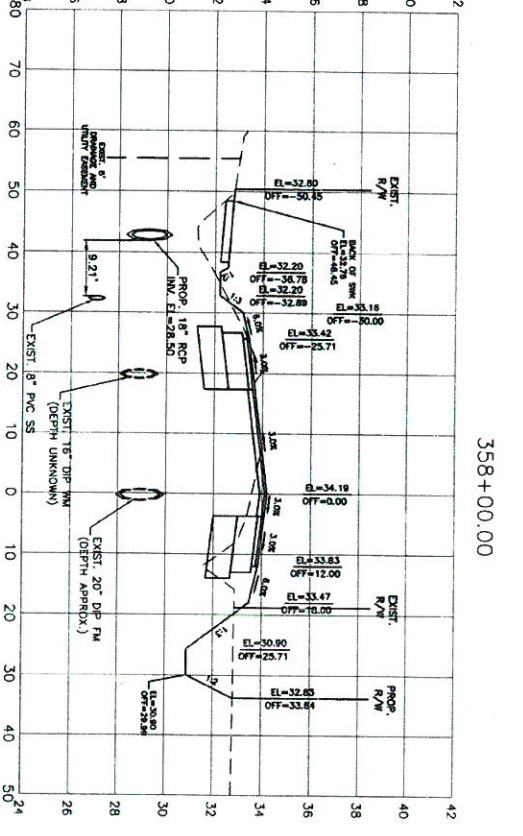


7225 W. STATE ST. SUITE 200
 EAST LANSING, MI 48126
 TEL: 313.487.2000 FAX: 313.487.2001
 WWW.ERIECOUNTYMI.GOV

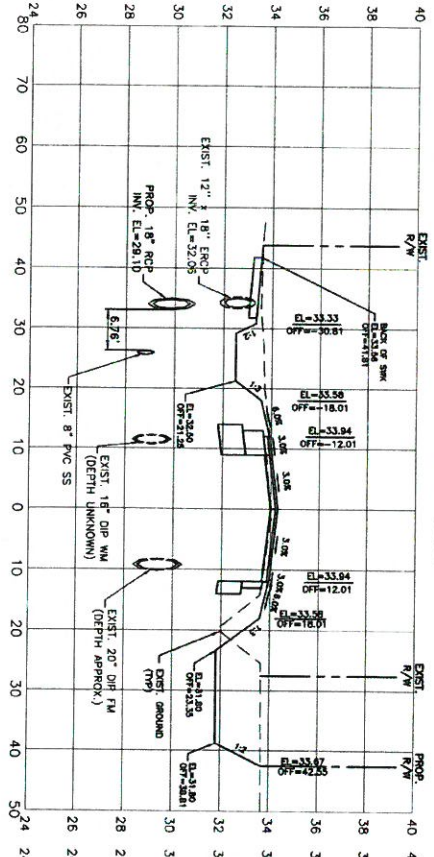
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



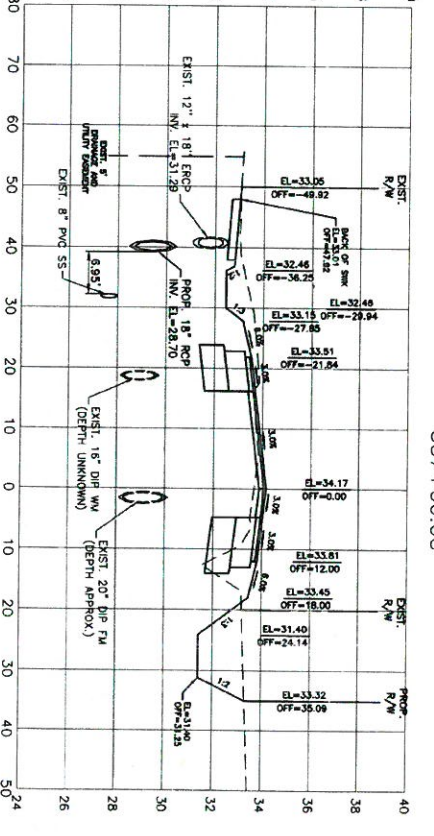
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358+00.00



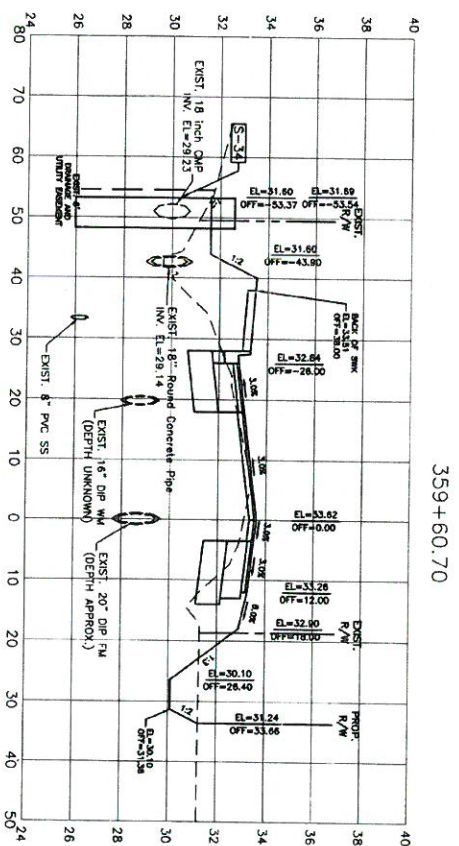
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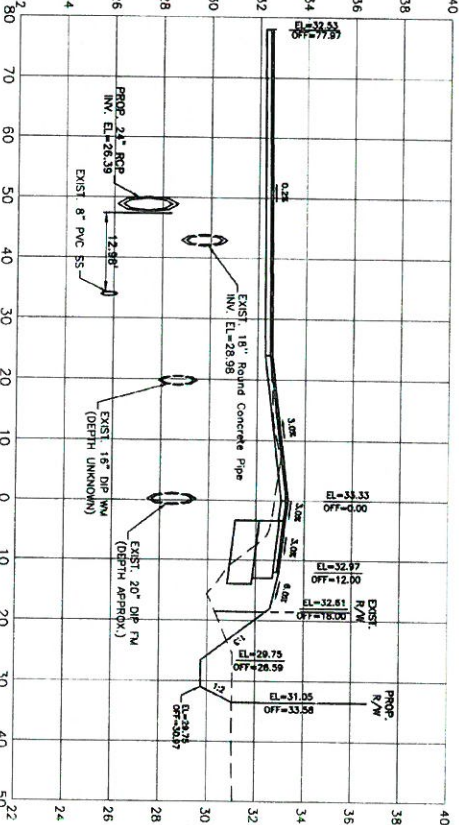
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NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWFWD COMMENTS	ML	07/24/18

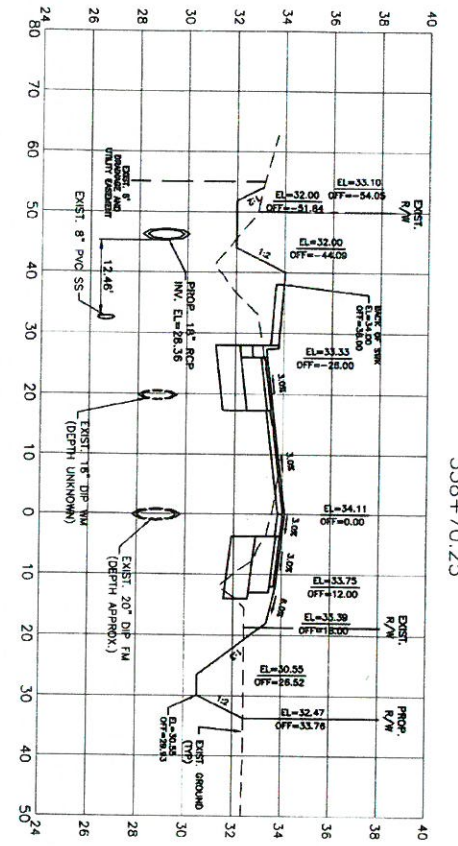
PROJECT #	307-00029800
SHEET #	00-1313
SEC./TWP./RGE.	P.35./N.35./E.18E
SCALE	AS SHOWN
DATE	07/20/18
DESIGNED BY	ML
CHECKED BY	ML
DATE	07/20/18
SCALE	AS SHOWN



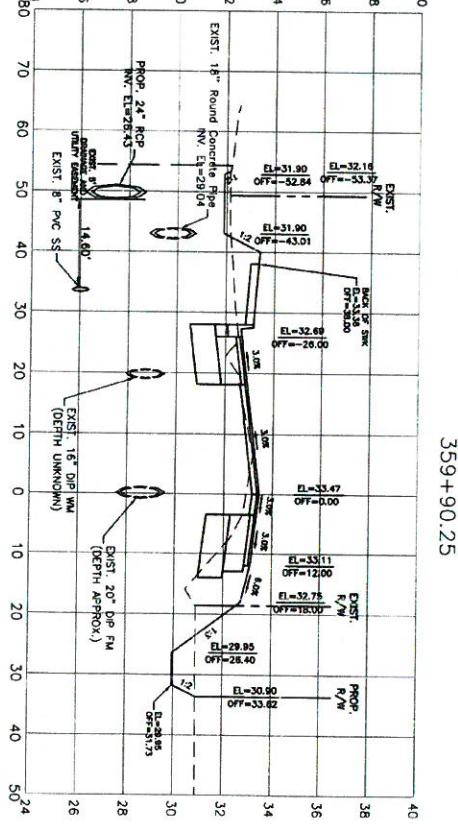
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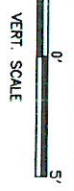
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358+70.25



359+30.00



ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS

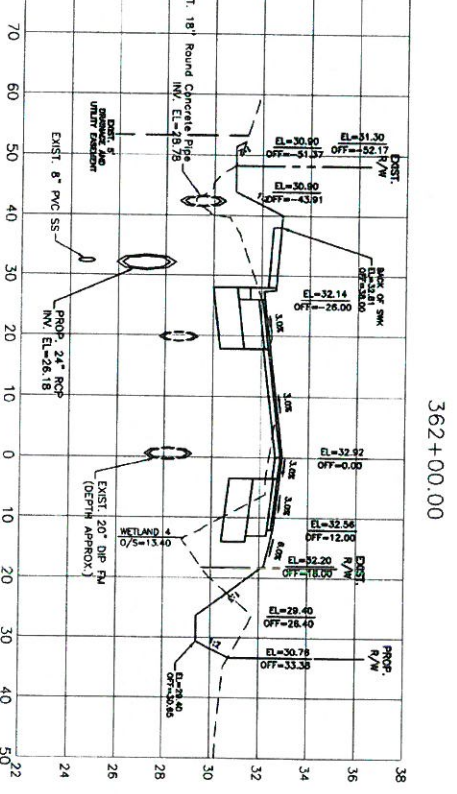
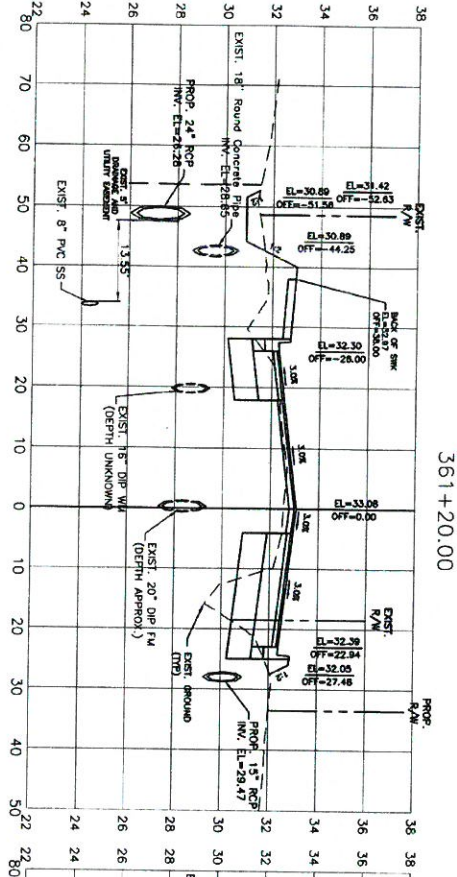
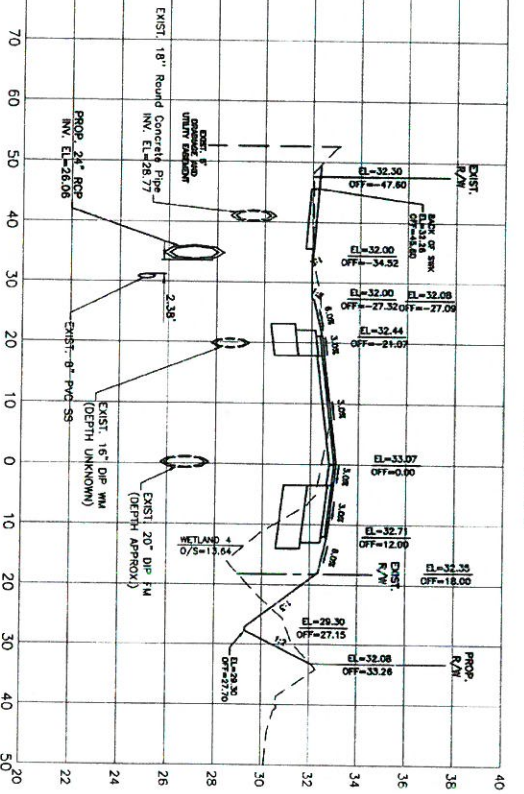
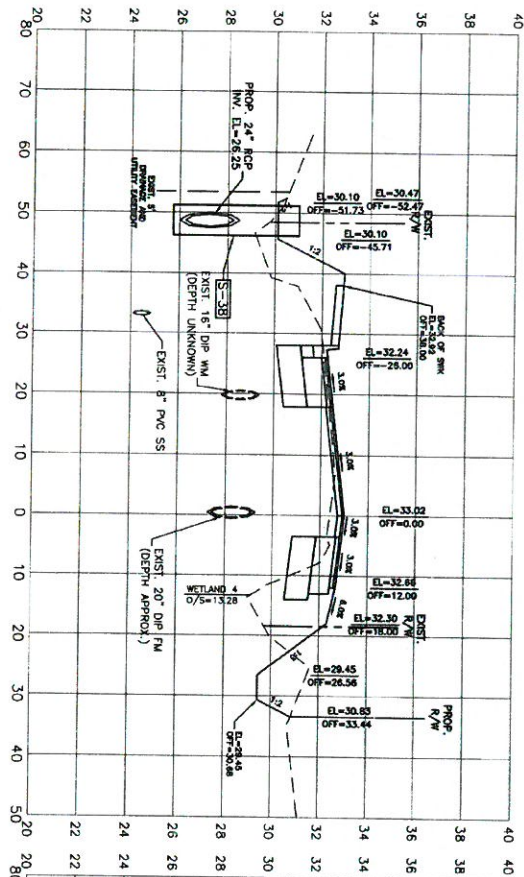


NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWYDOW COMMENTS	KHL	07/24/18

PROJECT #	307-1602860
SUBJECT	00-4333
SEC./TWP./RGE./E./S./T34S/E1E	
SCALE	AS SHOWN
DATE	NOV 2013
DESIGNED	04/2015
DRAWN	04/2015
CHECKED	10/2015

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SHEET 54



361+48.00

363+00.00

361+20.00

362+00.00



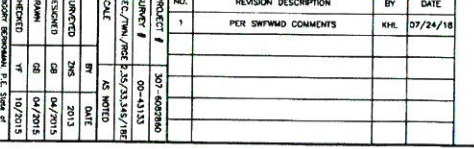
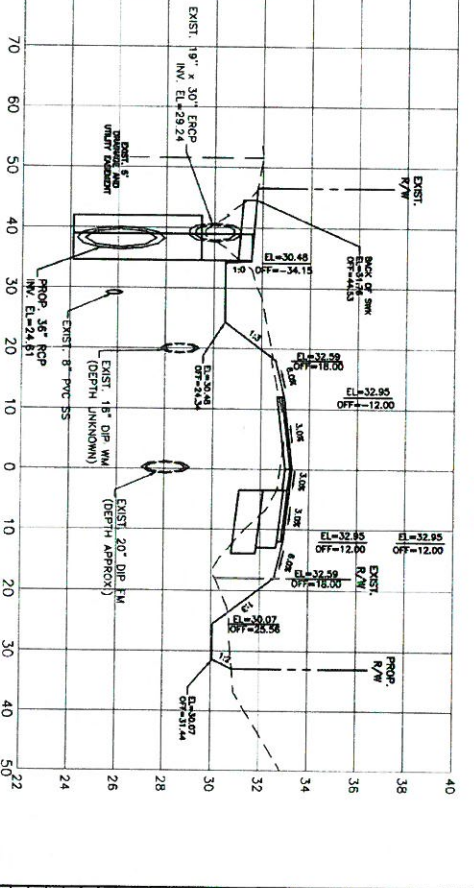
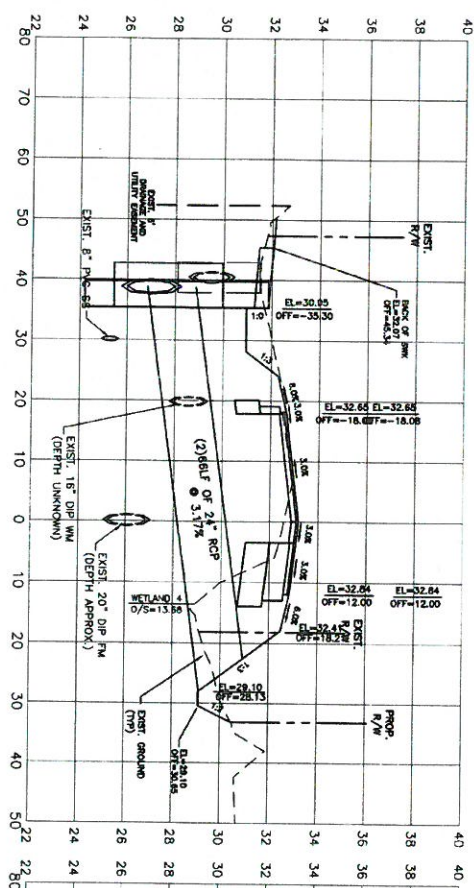
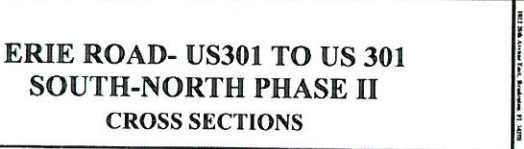
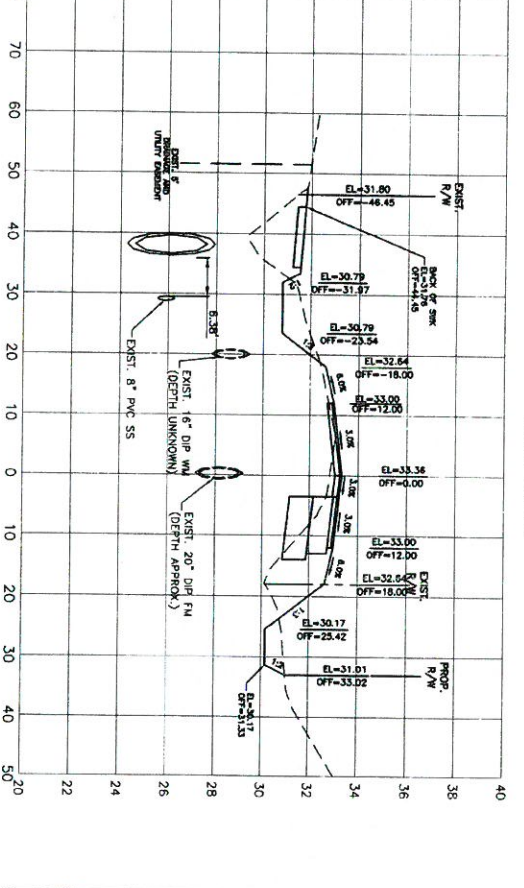
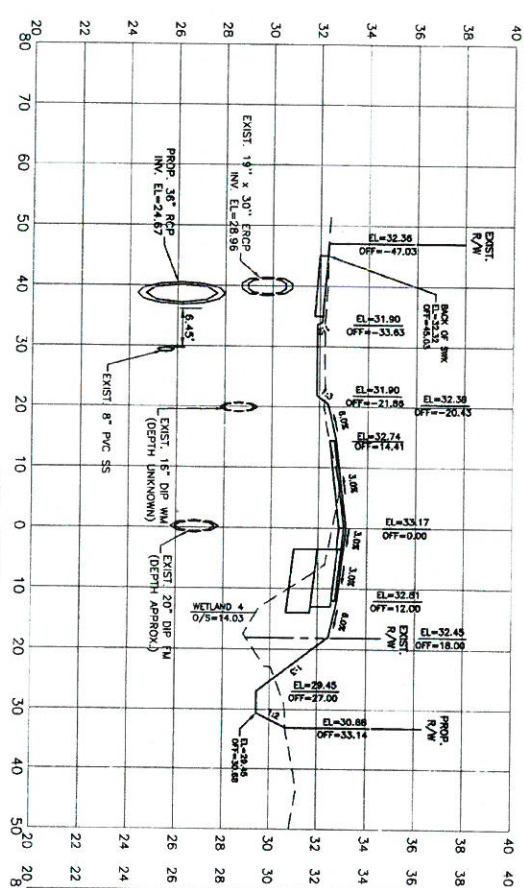
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	DATE	BY	DESCRIPTION
1	07/24/18	KHL	PER SHOWN COMMENTS

PROJECT #	307-602860
SUBJECT #	02-4113
SEC./TWP./RGE.	23/25/23345/18E
SCALE	AS NOTED
SHEET NO.	203
TOTAL SHEETS	203
DATE	04/29/15
DESIGNED BY	10/20/15
CHECKED BY	
IN CHARGE	

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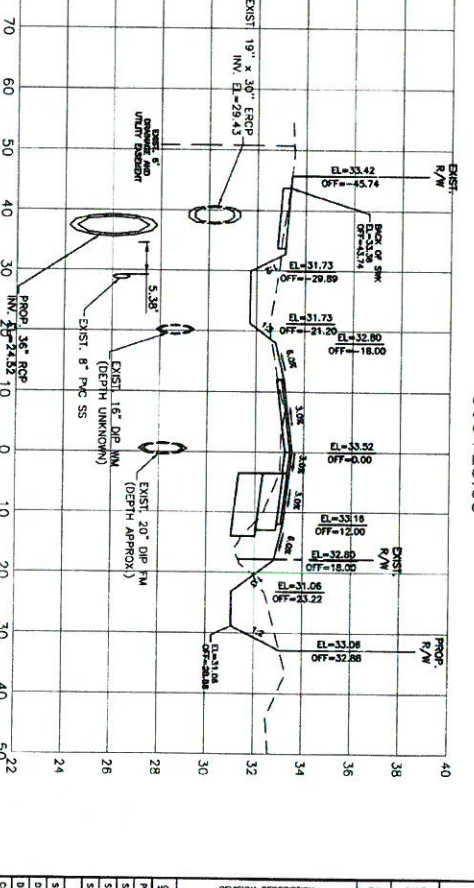
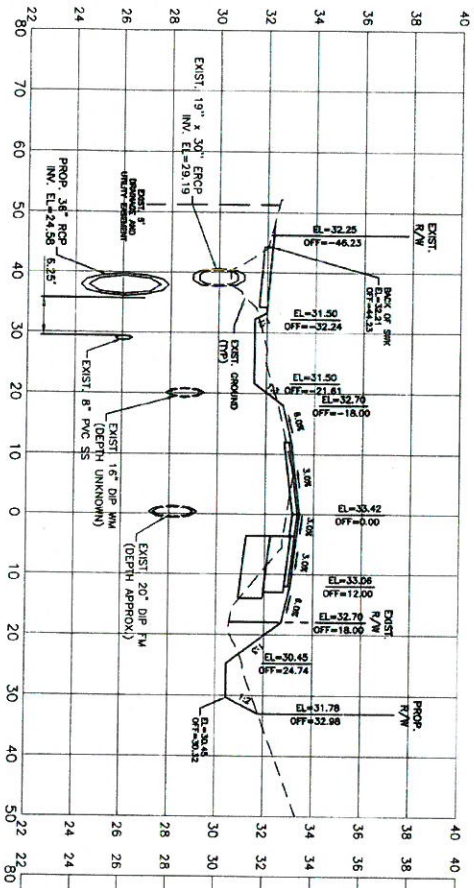
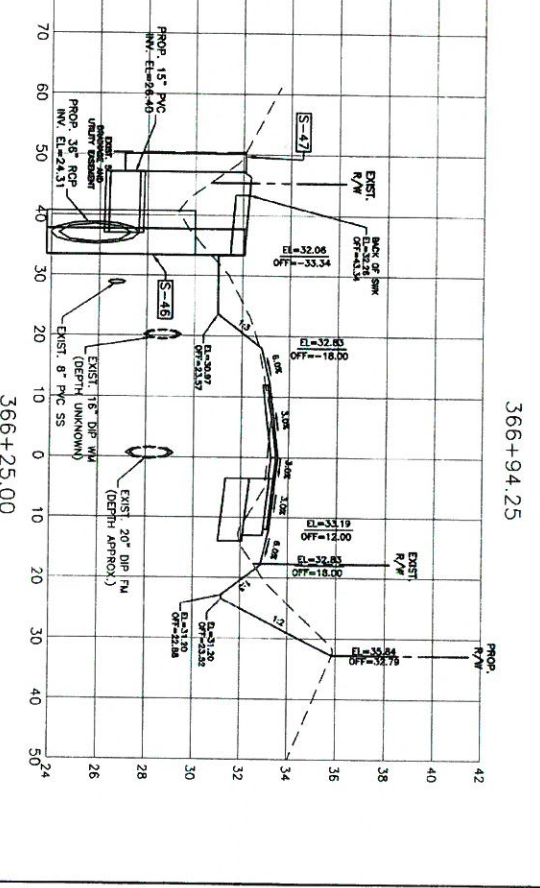
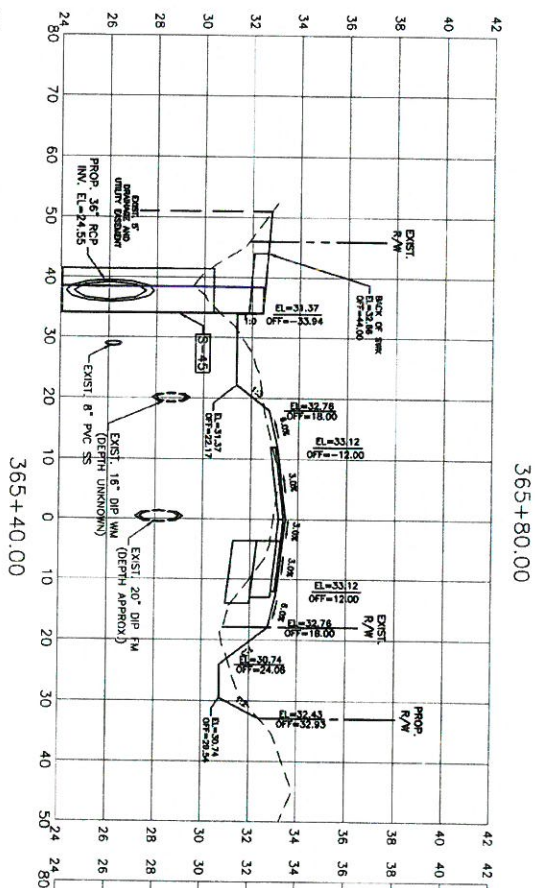
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	DATE	BY	REVISION DESCRIPTION
1	07/24/18	KH	PER SHWMWD COMMENTS

PROJECT #	307-6062840
SHEET #	00-13133
SEC./TWP./RGE	2-5/23-1345/18E
SCALE	AS NOTED
DATE	04/25/18
DESIGNED	IG
DRAWN	IG
CHECKED	IG
DATE	04/25/18

This sheet has been electronically signed and sealed by the Engineer. The Engineer's signature and seal are located on the title block. The Engineer's name and title are located on the title block. The Engineer's registration number is located on the title block. The Engineer's expiration date is located on the title block. The Engineer's jurisdiction is located on the title block. The Engineer's address is located on the title block. The Engineer's phone number is located on the title block. The Engineer's fax number is located on the title block. The Engineer's email address is located on the title block. The Engineer's website is located on the title block. The Engineer's office is located on the title block. The Engineer's office hours are located on the title block. The Engineer's office address is located on the title block. The Engineer's office phone number is located on the title block. The Engineer's office fax number is located on the title block. The Engineer's office email address is located on the title block. The Engineer's office website is located on the title block.



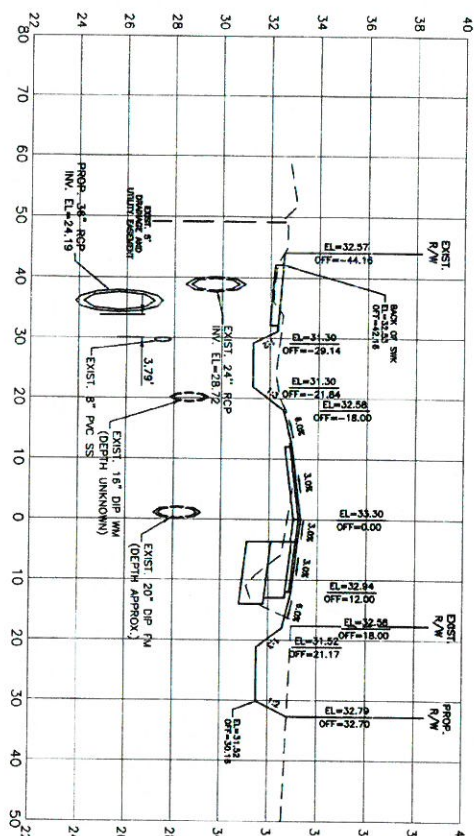
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



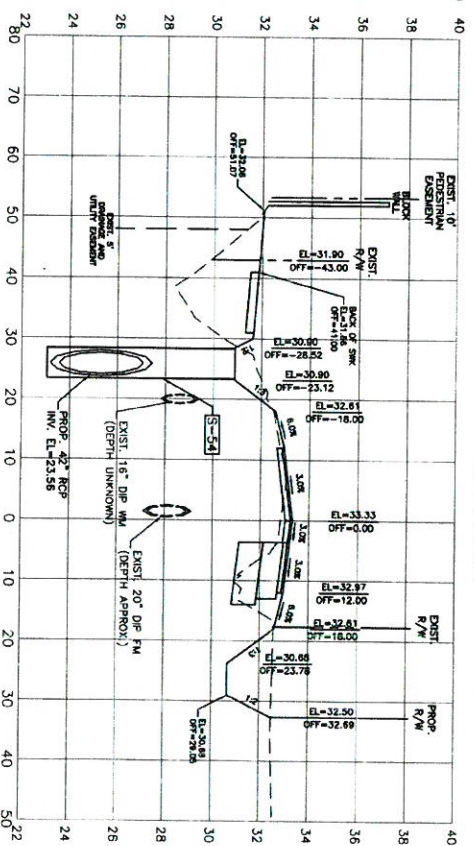
NO.	DATE	BY	REVISION DESCRIPTION
1	07/24/18	KHL	PER SHEET COMMENTS

PROJECT #	301-0000060
SHEET #	00-1313
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DATE	AS NOTED
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DRAWN	04/2013
CHECKED	10/29/15

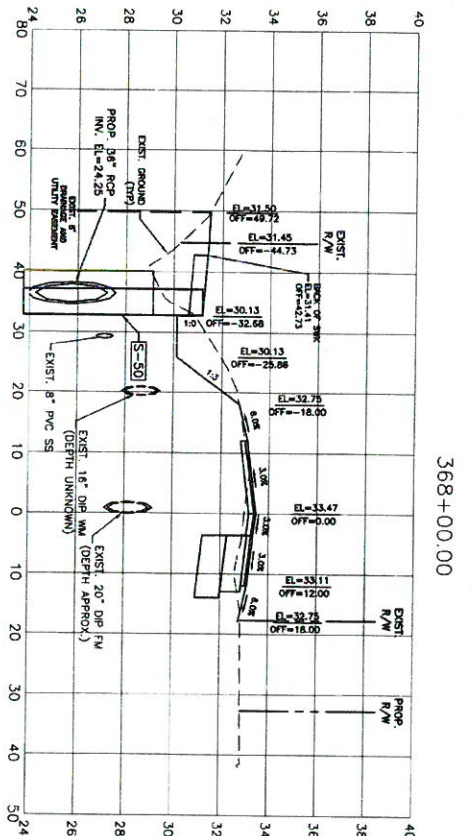
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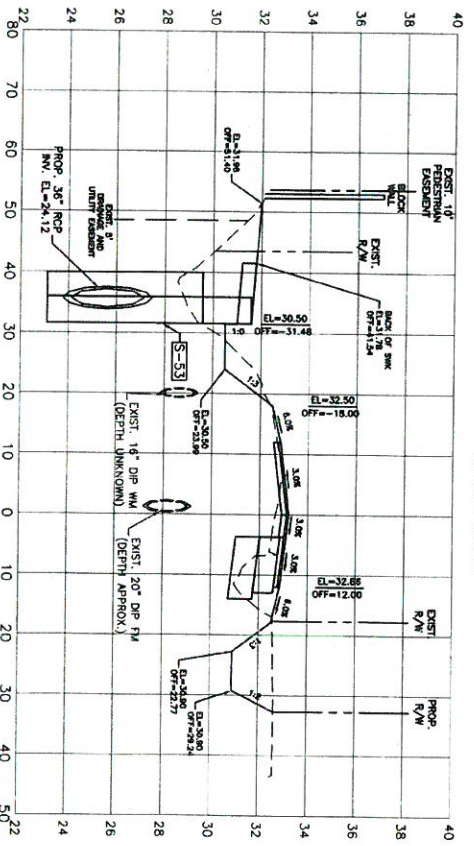
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368+00.00



370+10.00



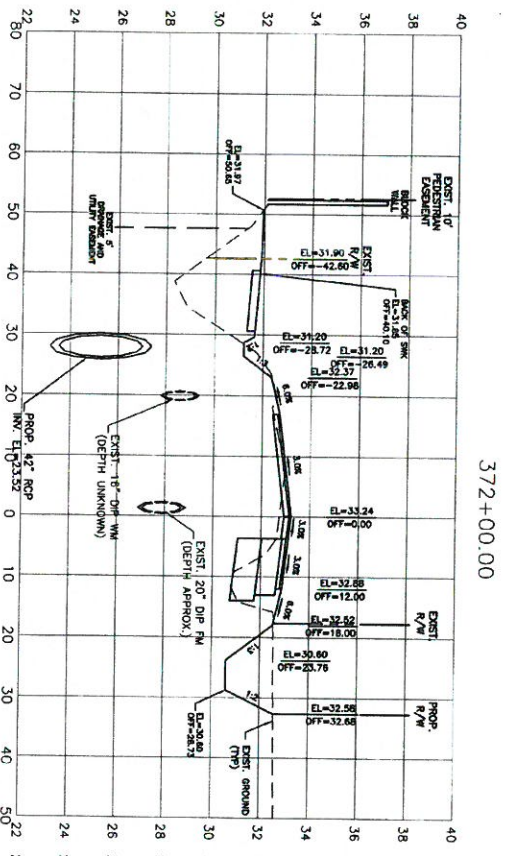
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



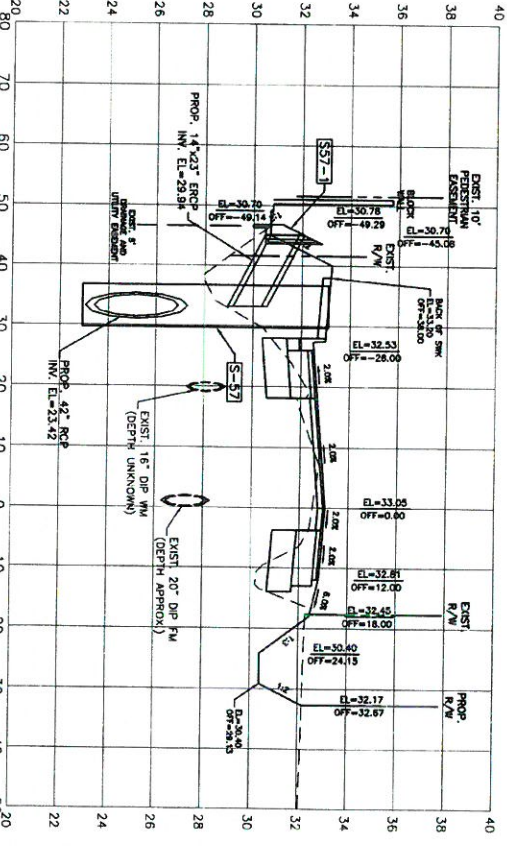
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SHEET #	00-5153
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DATE	
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DATE	04/20/13
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DATE	10/29/13

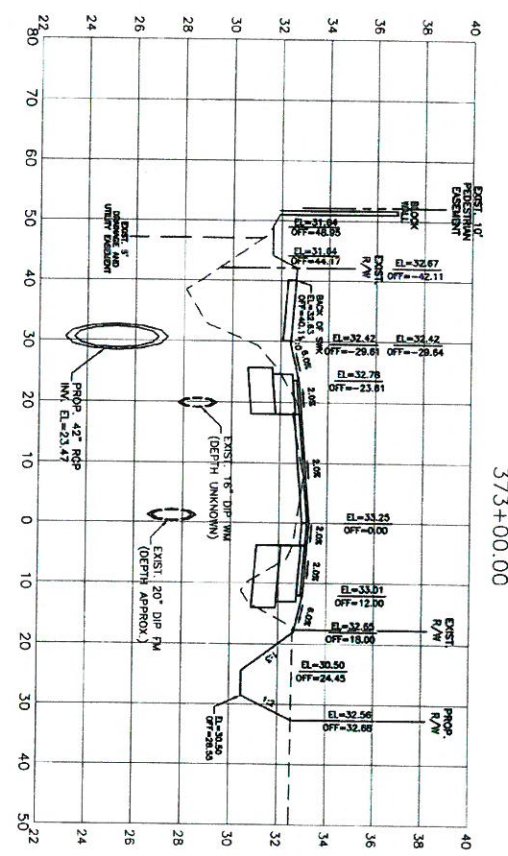
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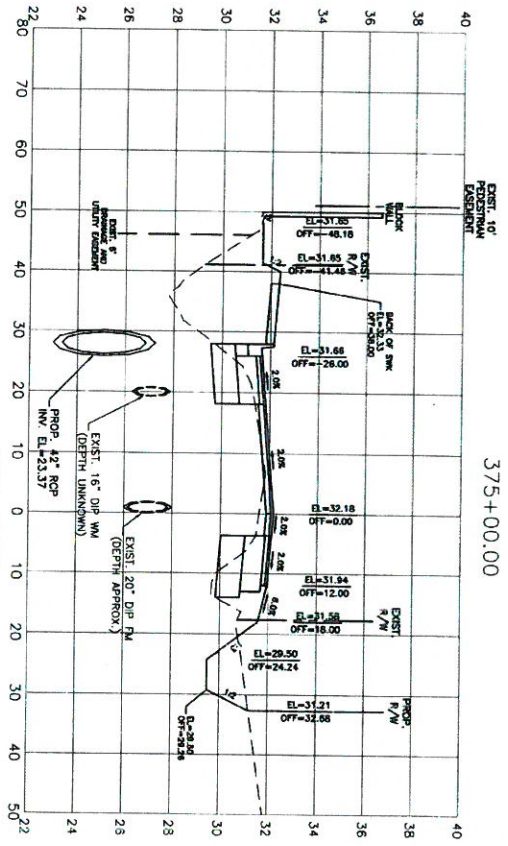
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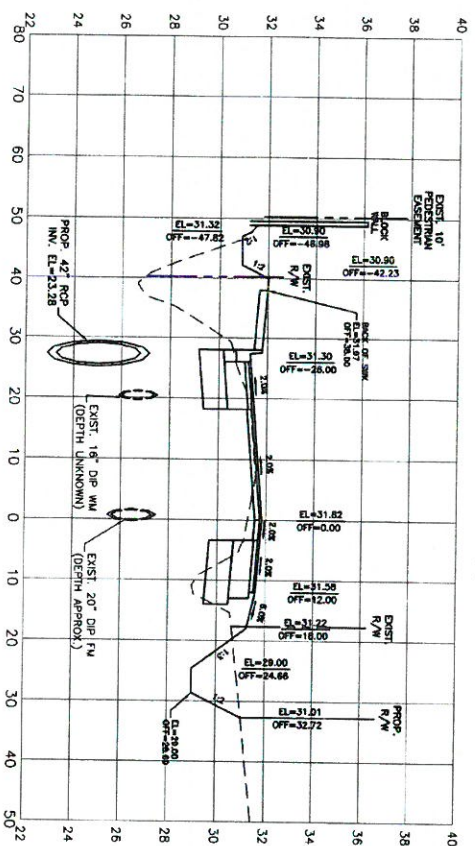


ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS

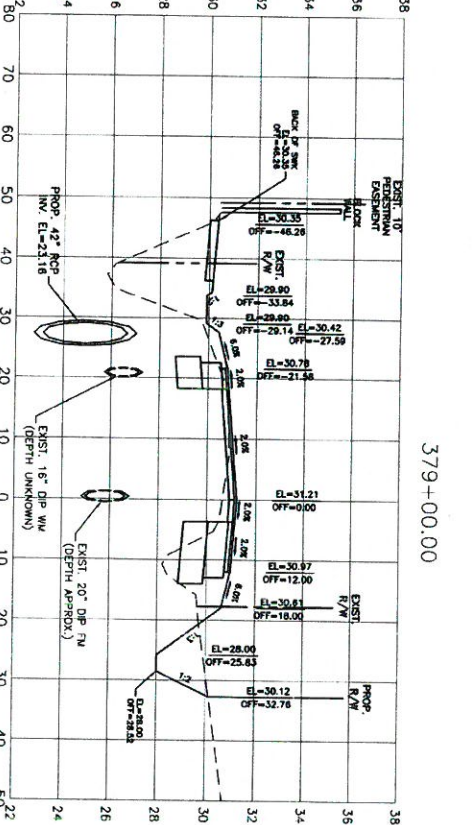


NO.	REVISION DESCRIPTION	BY	DATE
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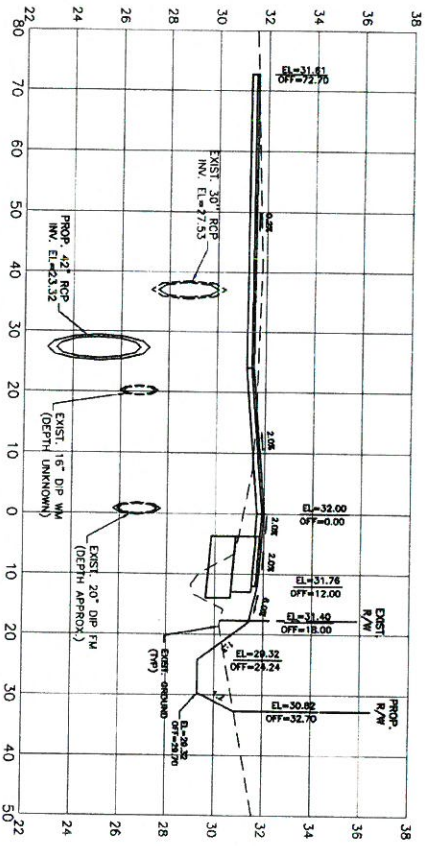
PROJECT #	307-0002860
SUBJECT	00-41133
SEC./TWP./RGE.	E.5/S.33/W.18E
SCALE	AS NOTED
DATE	2013
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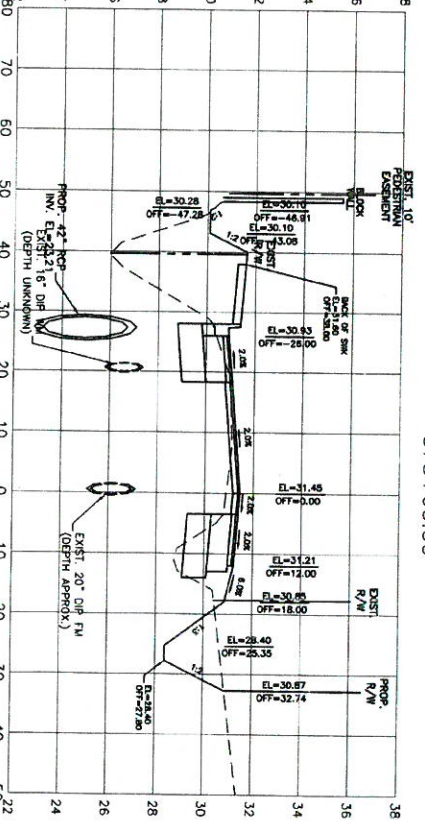
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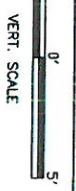
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**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
CROSS SECTIONS**

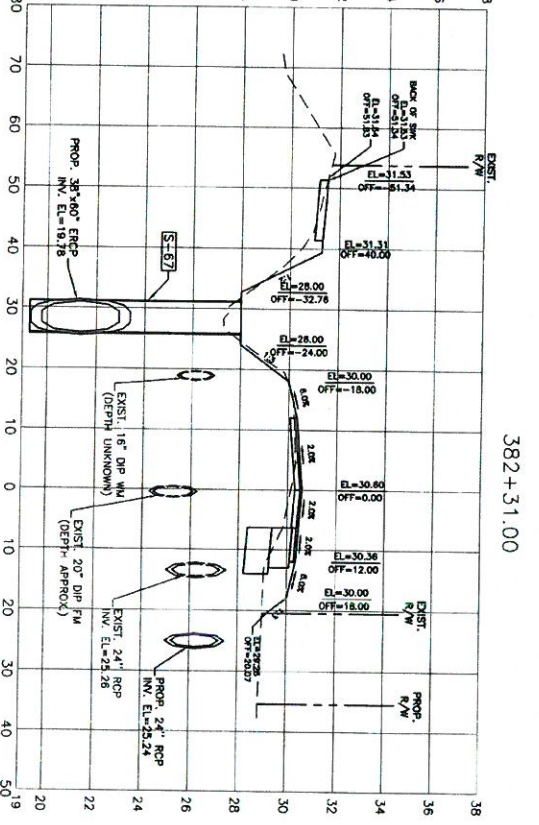
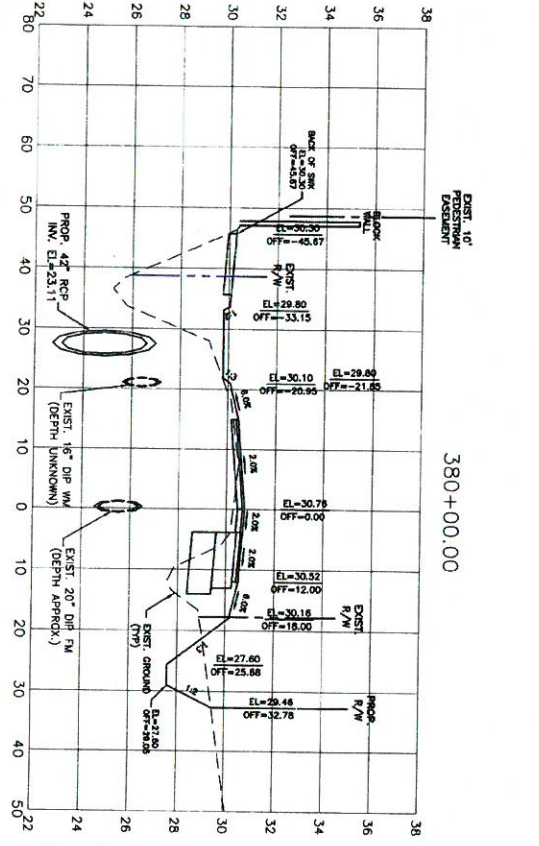
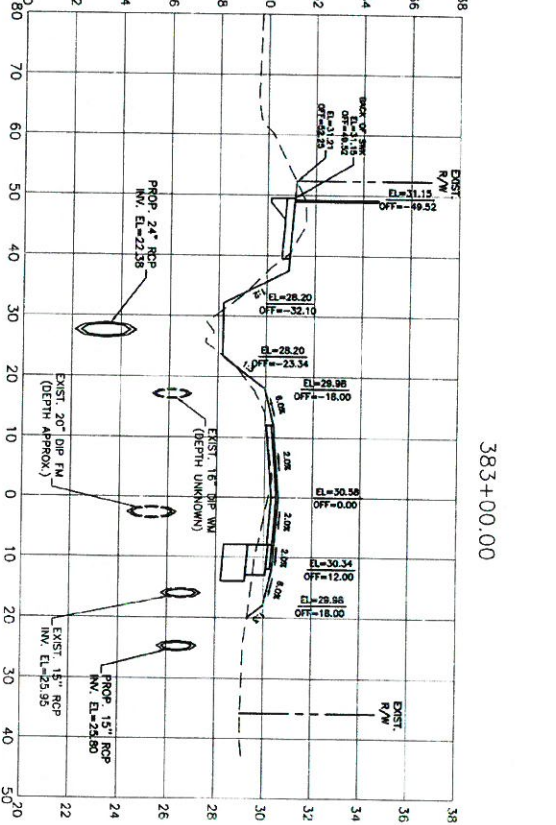
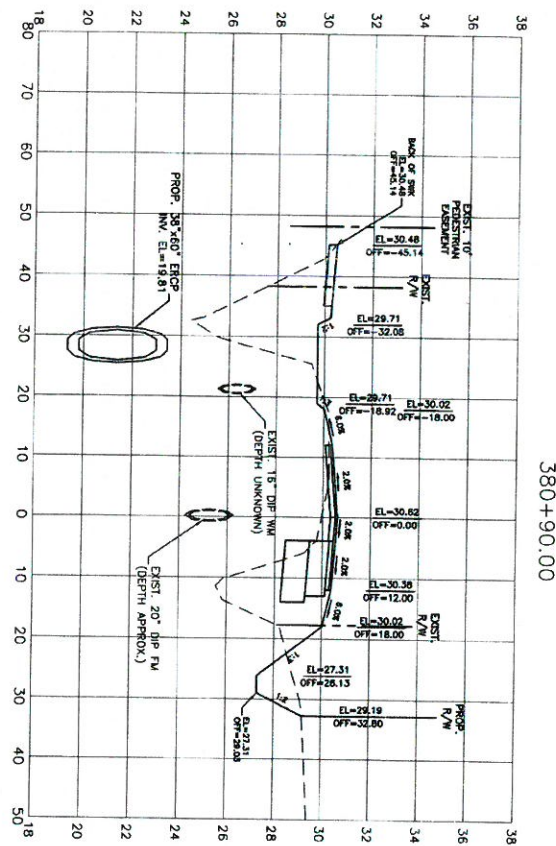


NO.	REVISION DESCRIPTION	BY	DATE
1	PER SHOWN COMMENTS	KHL	07/24/18

PROJECT #	307-606390
SHEET #	00-4333
SEC./TWP./RSE	25/33/45/18E
SCALE	AS NOTED
SUNDRY	MS
DESIGNED	09/20/15
DRAWN	09/20/15
CHECKED	10/20/15
DATE	AS NOTED

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SHEET 60



**ERIE ROAD- US301 TO US 301
SOUTH-NORTH PHASE II
CROSS SECTIONS**

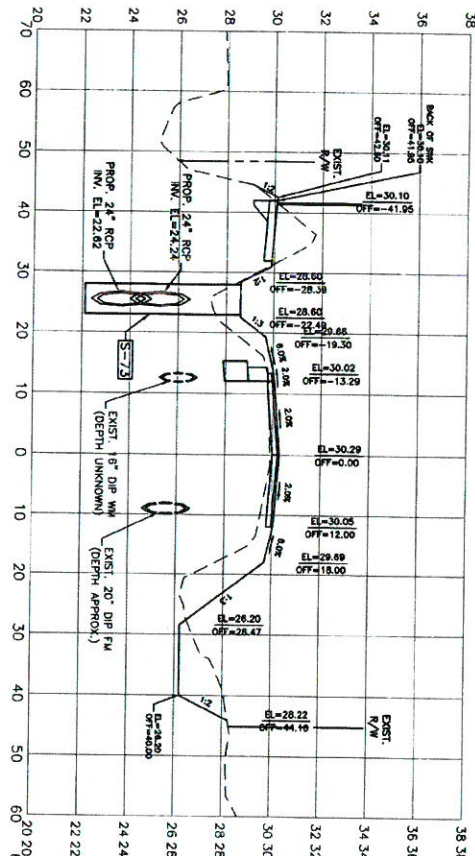


NO.	REVISION DESCRIPTION	BY	DATE
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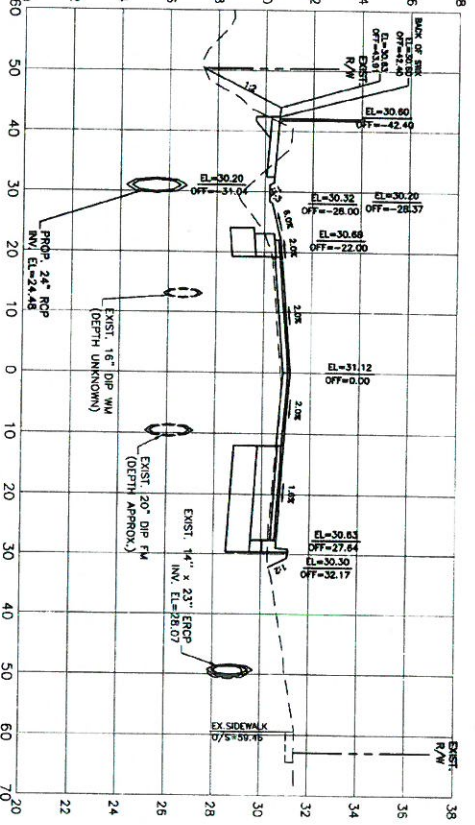
PROJECT #	307-6062840
SHEET #	00-43113
SEC./MILE	2.25/3.345/18
SCALE	AS NOTED
DRAWN	04/29/15
CHECKED	10/29/15
DATE	2015
DESIGNED	04/29/15
DATE	04/29/15

Printed status of this document: SWFWD
 Date of last update: 08/07/2018
 Project: 307-6062840
 Sheet: 00-43113
 Section: 2.25/3.345/18
 Scale: AS NOTED
 Drawn: 04/29/15
 Checked: 10/29/15
 Date: 2015
 Designed: 04/29/15
 Date: 04/29/15

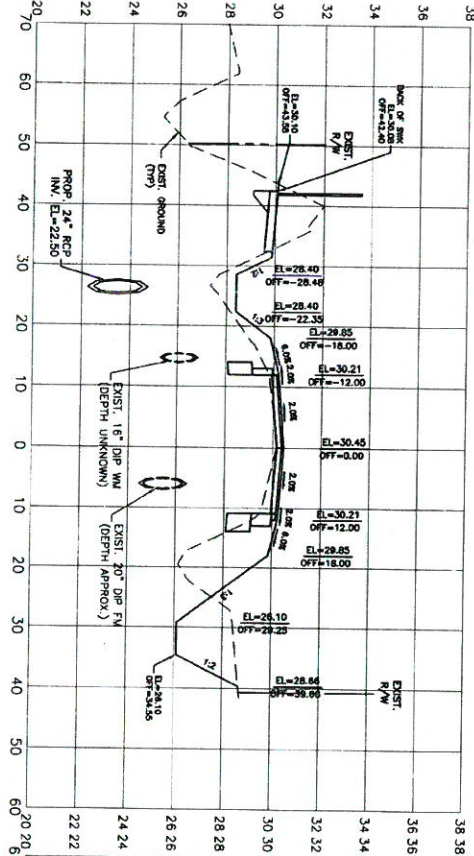
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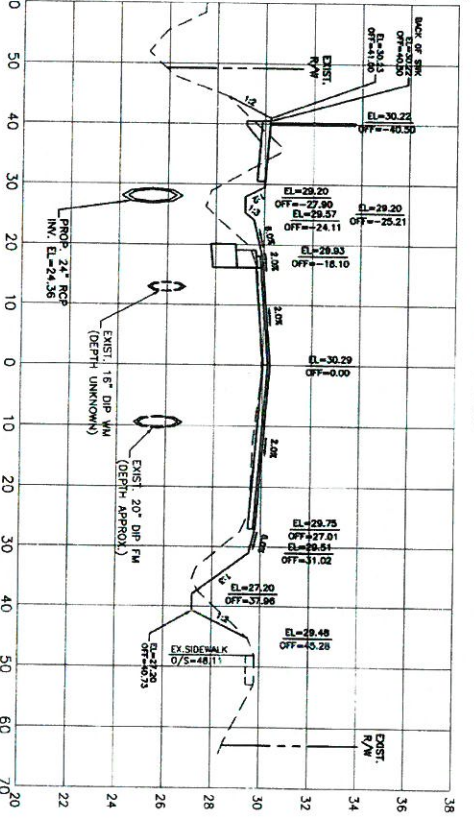
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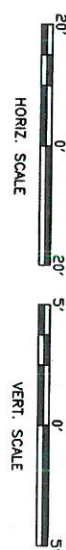
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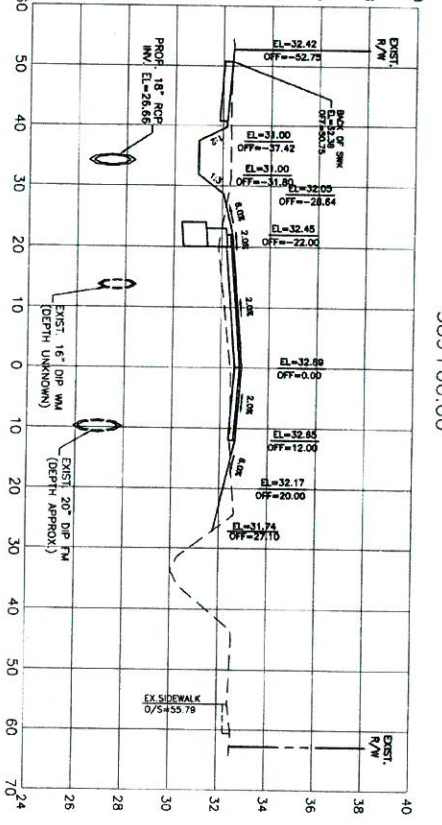
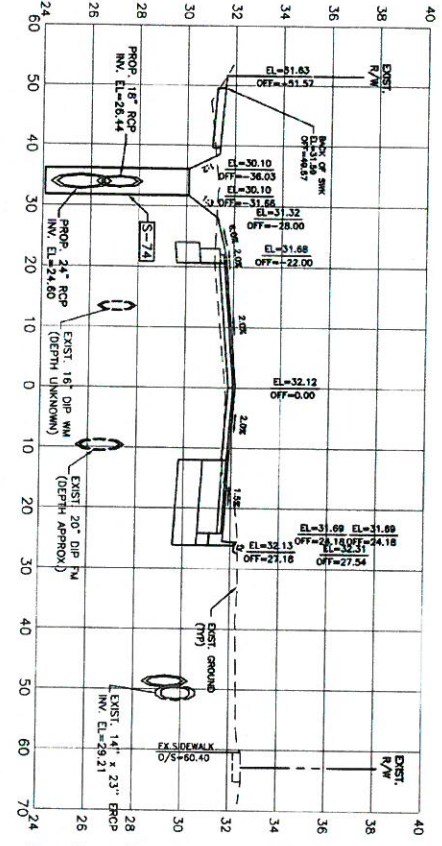
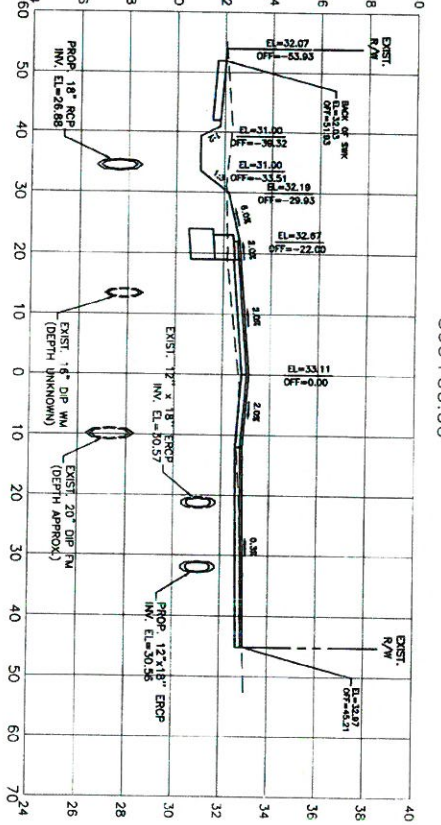
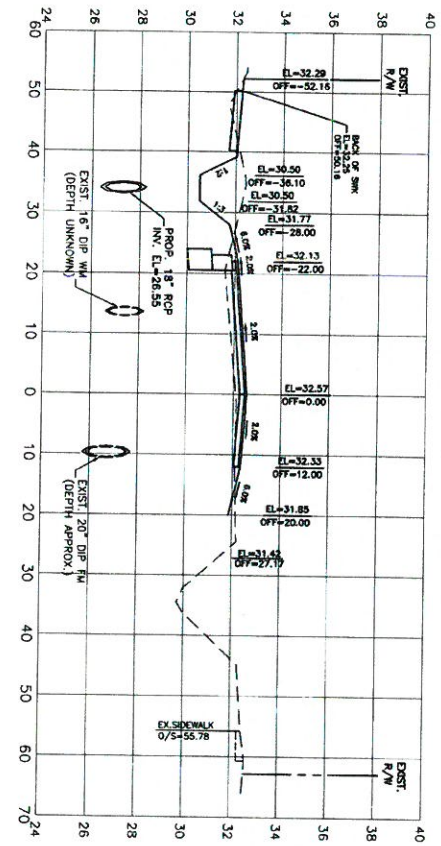
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	BY	DATE
1	PER SWYFWD COMMENTS	KHL	07/24/18

PROJECT #	307-0002840
SUBJECT	00-41113
SEC./TWP./RGE.	23S/13AS/18E
SCALE	AS NOTED
SUBMITTED	286 2013
DESIGNED	CG 04/20/15
DRAWN	GB 04/20/15
CHECKED	VF 10/20/15
DATE	10/20/15

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ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS

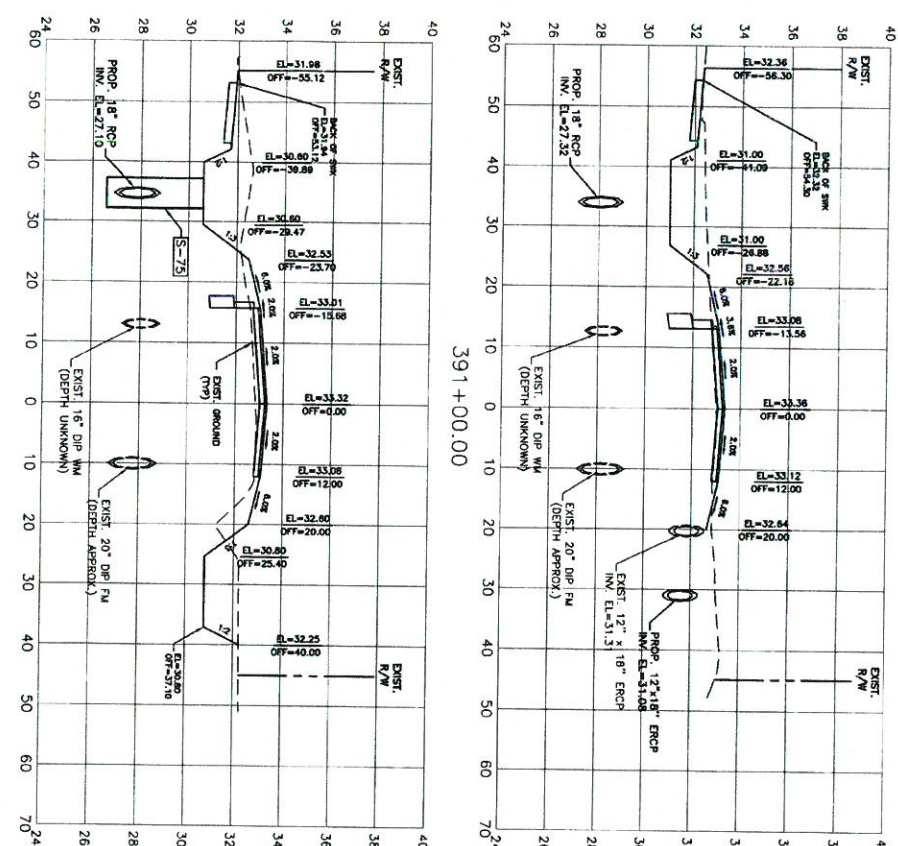


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1	PER SWP/WD COMMENTS	KHL	07/24/18

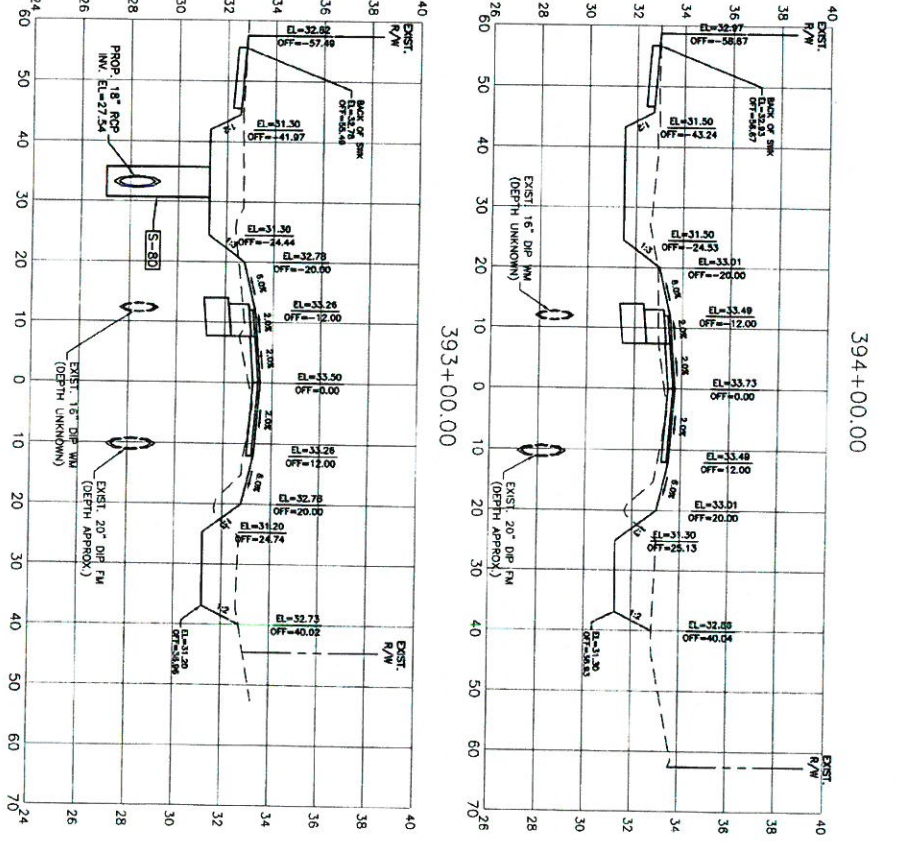
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SUBJECT #	00-43133
SEC./TWP./RGE	E.35./N.33./E.18E
SCALE	AS NOTED

SUBMITTED	DATE
RECORDED	04/29/2013
DRAWN	08/10/2013
CHECKED	10/29/2013

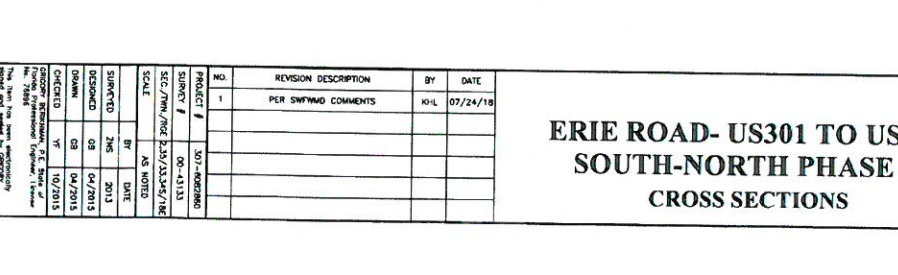
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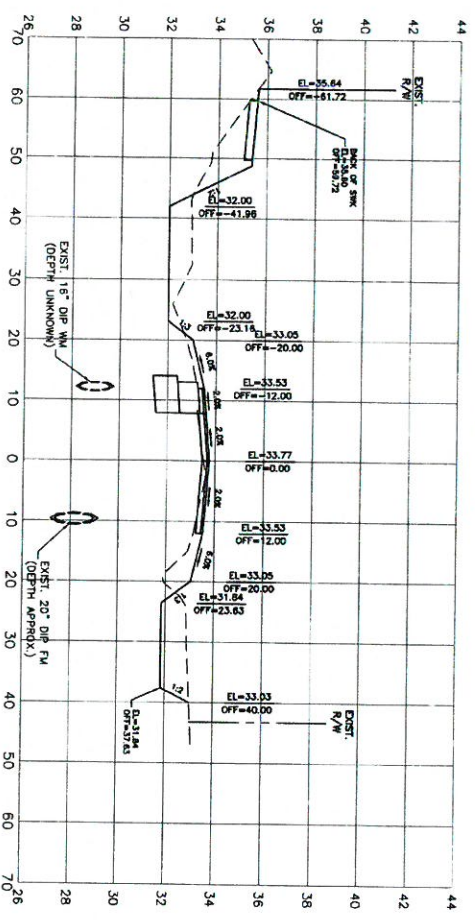
ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



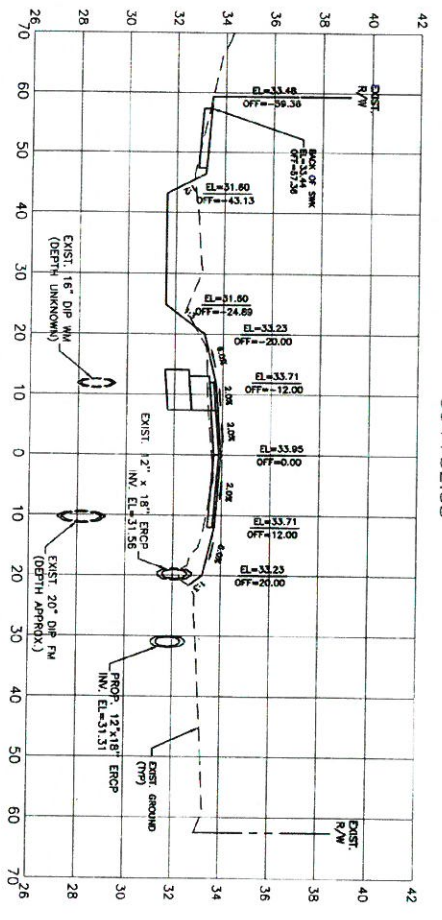
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1	PER SWFWD COMMENTS	KH	07/24/18

PROJECT #	301-4000000
SHEET #	00-41133
SEC./TWP./RGE	23S/13W/18E
SCALE	AS NOTED
DESIGNED	CS
CHECKED	CS
DATE	10/20/18

SHEET 64



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ERIE ROAD- US301 TO US 301 SOUTH-NORTH PHASE II CROSS SECTIONS



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	307-602866
SURV. #	09-41133
SEC./TWP./RGE	E.35./N.33./E.18E
SCALE	AS NOTED
SHEETED	ZNS 2013
DESIGNED	CS 04/2013
DRAWN	CS 04/2013
CHECKED	VI 10/2013
DATE	10/2013

Prepared and issued by: Kathleen Gregory
 Date: 10/27/2013
 Project: Erie Road - US301 to US 301 South-North Phase II
 Sheet: 65 of 65
 The State of Pennsylvania Department of Transportation
 Harrisburg, PA 17104

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: SAJ-2018-03360

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES _____ NO _____

TO SCHEDULE AN INSPECTION PLEASE CONTACT _____
AT _____

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE
U.S. Fish and Wildlife Service
August 12, 2013

The eastern indigo snake protection/education plan (Plan) below has been developed by the U.S. Fish and Wildlife Service (USFWS) in Florida for use by applicants and their construction personnel. At least **30 days prior** to any clearing/land alteration activities, the applicant shall notify the appropriate USFWS Field Office via e-mail that the Plan will be implemented as described below (North Florida Field Office: jaxregs@fws.gov; South Florida Field Office: verobeach@fws.gov; Panama City Field Office: panamacity@fws.gov). As long as the signatory of the e-mail certifies compliance with the below Plan (including use of the attached poster and brochure), no further written confirmation or “approval” from the USFWS is needed and the applicant may move forward with the project.

If the applicant decides to use an eastern indigo snake protection/education plan other than the approved Plan below, written confirmation or “approval” from the USFWS that the plan is adequate must be obtained. At least 30 days prior to any clearing/land alteration activities, the applicant shall submit their unique plan for review and approval. The USFWS will respond via e-mail, typically within 30 days of receiving the plan, either concurring that the plan is adequate or requesting additional information. A concurrence e-mail from the appropriate USFWS Field Office will fulfill approval requirements.

The Plan materials should consist of: 1) a combination of posters and pamphlets (see **Poster Information** section below); and 2) verbal educational instructions to construction personnel by supervisory or management personnel before any clearing/land alteration activities are initiated (see **Pre-Construction Activities** and **During Construction Activities** sections below).

POSTER INFORMATION

Posters with the following information shall be placed at strategic locations on the construction site and along any proposed access roads (a final poster for Plan compliance, to be printed on 11” x 17” or larger paper and laminated, is attached):

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands

and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTION UNDER FEDERAL AND STATE LAW: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. “Taking” of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. “Take” is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the live eastern indigo snake sufficient time to move away from the site without interference;
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant’s designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicant’s designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

Telephone numbers of USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office – (904) 731-3336
Panama City Field Office – (850) 769-0552
South Florida Field Office – (772) 562-3909

PRE-CONSTRUCTION ACTIVITIES

1. The applicant or designated agent will post educational posters in the construction office and throughout the construction site, including any access roads. The posters must be clearly visible to all construction staff. A sample poster is attached.
2. Prior to the onset of construction activities, the applicant/designated agent will conduct a meeting with all construction staff (annually for multi-year projects) to discuss identification of the snake, its protected status, what to do if a snake is observed within the project area, and applicable penalties that may be imposed if state and/or federal regulations are violated. An educational brochure including color photographs of the snake will be given to each staff member in attendance and additional copies will be provided to the construction superintendent to make available in the onsite construction office (a final brochure for Plan compliance, to be printed double-sided on 8.5" x 11" paper and then properly folded, is attached). Photos of eastern indigo snakes may be accessed on USFWS and/or FWC websites.
3. Construction staff will be informed that in the event that an eastern indigo snake (live or dead) is observed on the project site during construction activities, all such activities are to cease until the established procedures are implemented according to the Plan, which includes notification of the appropriate USFWS Field Office. The contact information for the USFWS is provided on the referenced posters and brochures.

DURING CONSTRUCTION ACTIVITIES

1. During initial site clearing activities, an onsite observer may be utilized to determine whether habitat conditions suggest a reasonable probability of an eastern indigo snake sighting (example: discovery of snake sheds, tracks, lots of refugia and cavities present in the area of clearing activities, and presence of gopher tortoises and burrows).
2. If an eastern indigo snake is discovered during gopher tortoise relocation activities (i.e. burrow excavation), the USFWS shall be contacted within one business day to obtain further guidance which may result in further project consultation.
3. Periodically during construction activities, the applicant's designated agent should visit the project area to observe the condition of the posters and Plan materials, and replace them as needed. Construction personnel should be reminded of the instructions (above) as to what is expected if any eastern indigo snakes are seen.

POST CONSTRUCTION ACTIVITIES

Whether or not eastern indigo snakes are observed during construction activities, a monitoring report should be submitted to the appropriate USFWS Field Office within 60 days of project completion. The report can be sent electronically to the appropriate USFWS e-mail address listed on page one of this Plan.