

## **AGENDA**

Board of Public Works Meeting  
Tuesday, July 28, 2015 – 7:00 P.M.  
Jackson Village Hall  
N168W20733 Main Street

1. Call to Order and Roll Call.
2. Approval of Minutes for June 30, 2015, meeting.
3. Review of Quotes for Well #5 Inspection Project.
4. Jackson Sewer Utility – WWTP – SCADA system Evaluation Proposal.
5. Review of Bids for Stonewall Connector Trail Project.
6. Change Order #2 – Digester Improvement Project.
7. Review of Plans for Jackson Drive Sidewalk Project.
8. Director of Public Works Report.
9. Citizens/Village Staff to address the Board.
10. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

**DRAFT MINUTES**  
**Board of Public Works Meeting**  
**Tuesday, June 30, 2015 – 7:00 P.M.**  
**Jackson Village Hall**  
**N168W20733 Main Street**

**1. Call to Order and Roll Call.**

Chairman Tr. Don Olson called the meeting to order at 7:00 p.m.

Members present: Tr. Jack Lippold, Tr. Scott Mittelsteadt, Brian Heckendorf, Linda Granec, Scott Thielmann, and Corinne Benson.

Members excused: All Present.

Staff present: Brian Kober and John Walther.

**2. Approval of Minutes for May 26, 2015, meeting.**

Motion by Corinne Benson, second by Brian Heckendorf to approve the minutes of the May 26, 2015, Board of Public Works meeting.

Vote: 7 ayes, 0 nays. Motion carried.

**3. Pay Request #5 – Digester Improvement Project.**

Brian Kober reviewed the 5<sup>th</sup> pay request which was developed without the change order.

Motion by Tr. Mittelsteadt, second by Corinne Benson to recommend the Village Board approve Pay Request #5 for the Digester Improvement Project in an amount not to exceed \$48,704.89 to Sabel Mechanical.

Vote: 7 ayes, 0 nays. Motion carried.

**4. Change Order #1 – Digester Improvement Project.**

Brian Kober reviewed the change order. The change order is for \$106,783.60. There were two proposals from Sabel Mechanical. Brian reviewed the report from Clark Dietz. This is the same cover from 1980. They have started sandblasting and have found more structure members that need to be replaced. To replace the cover would not be feasible as it would be sixteen weeks before we would see a new cover. A new cover would be \$300,000 or more. The Village is running with one digester. Brian reviewed the pay schedule. An additional pay request will go straight to the Budget & Finance and Village Board because of timing.

Motion by Scott Thielmann, second by Tr. Lippold to recommend the Village Board approve the change order #1 for the digester improvement project in an amount not to exceed \$106,783.60.

Vote: 7 ayes, 0 nays. Motion carried.

**5. Jackson Water Utility Master Plan Update.**

Brian Kober reviewed the proposal. The existing Water Utility Master Plan is from 2006 and we do have a system flow model that can be used. Motion by Scott Thielmann, second by Linda Granec, to recommend the Village Board approve the Master Plan Proposal in an amount not to exceed \$9,850.

Vote: 7 ayes, 0 nays. Motion carried.

**6. Reinstalling Cedar Creek Business Sign.**

Brian Kober reviewed location of the Cedar Creek Business Sign. It will be south of where the existing sign sat. He will get a street opening permit from the DOT. The total bill is \$6,209.19.

Motion by Tr. Olson, second by Tr. Mittelsteadt to recommend the Village Board approve the

Cedar Creek Business Sign in an amount not to exceed \$6,209.19, which includes \$2,434.19 to We Energies and \$3,775.00 to Appleton Sign.

Vote: 7 ayes, 0 nays. Motion carried.

**7. Review of quotes for painting of Blue Water Tower – Tower Drive.**

Brian reviewed the quotes to repaint the blue water tower, light blue with lettering. Motion by Tr. Mittelsteadt, second by Linda Granec to recommend the Village Board approve the quote for Superior Tank Company in an amount not to exceed \$43,400.

Vote: 7 ayes, 0 nays. Motion carried.

**8. Discussion on submittal of CMAQ for STH 60 and CTH P Intersection.**

Brian commented that this is to mitigate air quality. The real key is to get WisDOT to communicate what the intersection will be and to obtain the old Park and Ride parking lot. This is an important intersection for pedestrian safe travel. The intersection is earmarked for improvement by WisDOT in 2019. This was discussion item only and no action was needed.

**9. Review of Jackson Telecomm Utility and Ethoplex Contract.**

Brian reported that he and John Walther did meet with Keefe John. The Village continues to be patient and work with him. Keefe was supposed to give a memo on the status of Ethoplex. A memo has not been received.

**10. Director of Public Works Report.**

Brian Kober reviewed the Public Works Report. Brian reported that the DNR permits are being secured for the shared use path. Also, there was a preconstruction meeting for Georgetown Drive.

Motion by Linda Granec, second by Corinne Benson to place the report on file.

Vote: 7 ayes, 0 nays. Motion carried.

**11. Citizens/Village Staff to address the Board.**

Brian commented that prior to the July meeting there will be a tour of the Fire Department and Street Department and other departments if time allows. Other Departments will be toured at the next meeting.

Brian thanked Tr. Mittelsteadt for all of his work at Action in Jackson.

Brian reported that Coffeerville has received the approval from the DOT for the second access.

Scott Thielmann commented that there are several homes with brush out on Ash Drive. Brian commented that the next brush pick up is on July 20<sup>th</sup>.

Scott Thielmann commented on frustration with round-a-bouts and those that do not know how to properly yield at the round-a-bouts.

John Walther gave an update on Operation Home. The next fundraiser will be on Sunday, September 20<sup>th</sup> from 3 – 6 p.m. at the Jackson Community Center. This is a tailgating fundraiser that will be sponsored by several area organizations.

**12. Adjourn.**

Motion by Scott Thielmann, second by Tr. Lippold to adjourn at 8:07 p.m.

Vote: 7 ayes, 0 nays. Motion carried.

Respectfully submitted by: Deanna L. Boldrey, Village Clerk-Treasurer

Agenda item documents were not received in time to be part of the packet.

The information will be distributed at the meeting.

## MEMORANDUM

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Date: July 23, 2015

To: Brian Kober, P.E. – Village of Jackson

From: Greg Droessler, P.E.

Subject: Village of Jackson – Preliminary Design Study for WWTP SCADA Upgrades

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The original WWTP control system was installed in 1980 as part of the plant construction. This system received a major upgrade in 1998, and was updated and expanded again in 2005 as part of a large WWTP facilities upgrade. Since that time, and a series of minor upgrades or component replacements have been completed for this SCADA system to maintain it in working order, largely through the use of gateway adapters (signal convertors) to allow new components to communicate with the older platform.

The SCADA system is made up of a total of 7 panels located throughout the WWTP, as well as 1 additional panel located at a remote lift station. Similar to most electrical or control systems, much of the SCADA equipment installed in 2005 or earlier has served its useful life and is now due for replacement. As identified in our memo dated June 5, 2015, the cost of maintaining the existing system is rising and the Village should consider a replacement of the PLCs, SCADA platform and other components of the SCADA system with more current models to avoid the continued rising cost of individual component replacement of this outdated equipment.

In order to allow the Village to prepare a budget for the cost of this project, it is recommended that the Village approach this project in a two-step process. The first step is to conduct a preliminary engineering study to document the existing SCADA system. This study is intended to outline the overall scope of improvements required or desired at the WWTP, and develop the overall general scope and preliminary opinion of probable cost for the project. Once the study is complete and the scope of the improvements is approved by the staff and Village Board, a detailed design may begin for the preparation of bidding documents.

The scope of services for this Preliminary Engineering Study is as outlined below:

1. Preliminary Engineering Study:

- a. Conduct an on-site inspection and review to document the existing PLC processors and related equipment utilized in each of the 8 control panels. This initial investigation will also look to generally compare the major components listed in the record documents to those currently utilized in each panel so as to identify any discrepancies with the documents.
- b. Interview plant staff to identify control strategies and any special operational requirements or problem areas. This interview process is intended to be used to develop future control strategies to be implemented in upgrades and will require up to 5 hours of staff time to complete.
- c. Evaluate the pros / cons of continuing to utilize the existing Intellisys visualization and reporting software versus upgrading to a newer Wonderware / Hach WIMS or similar platform.
- d. Upon completion of the on-site investigation, a report will be developed to outline the general scope of upgrades required for each panel.

- e. Develop a preliminary opinion of probable cost for recommended improvements to be used by the Village to prepare a Capital Improvements Plan for the upgrades.
- f. Attend meetings with the Village staff to discuss the scope of the recommended improvements prior to finalizing the Preliminary Report.
- g. The cost for the engineering study as described above will be in the range of \$4,500 to \$6,500. Costs will be invoiced on a Time and Material basis.

This Scope of Services is intended to be the preliminary design phase only. The final design of the proposed improvements and the preparation of bidding documents is not included in this scope, but may be added to this project as an amendment upon completion of the preliminary design.

The Village will be expected to provide record drawings for the existing electrical and instrumentation systems, as well as a copy of the programs if needed for evaluation.

We at Town & Country Engineering, Inc. wish to thank you for allowing us to serve the Village on this project. If you have any questions regarding the above material, please feel free to call.

cc: Mr. Steve Muther, P.E., Muermann Engineering, LLC (*W227 N16867 Tillie Lake Court, Suite 202, Jackson, WI 53037*)

GJD

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July 24, 2015

Mr. Brian Kober, P.E.  
Village of Jackson  
Director of Public Works  
P.O. Box 637  
N168 W20733 Main Street  
Jackson, WI 53037

RE: Stonewall Connector Trail Project  
Ridgeway Road to Eagle Drive  
Village of Jackson, Wisconsin  
Bid Results Evaluation

Dear Mr. Kober:

We have evaluated the bids received on July 21, 2015 at 10:00 AM for the Stonewall Connector Trail Project. The project consists of approximately 1300 linear feet of multi-use trail and incidentals. We've included a summary of the bids and comparison to the Engineer's Estimate for your use.

Three (3) bids received are shown below:

Company	Total Bid
All-Way Contractors, Inc. (Bidder No. 1)	\$217,698.25
Poblocki Paving Corp. (Bidder No. 2)	\$247,107.00
Johnson and Sons Paving, LLC. (Bidder No. 3)	\$187,888.00

Johnson and Sons Paving, LLC was the low bidder at \$187,888.00. Their bid was 71.1% above the Engineer's Estimate. We compared five items from their bid that had the highest cost difference against the Engineer's Estimate, and have summarized them below:

**Common Excavation:** With the narrow linear nature of this multi-use path and the limited access, the cost of common excavation would be higher than a typical next-to-roadway trail project. The bid was \$ 7,422.00 higher than the estimate.

**Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch:** Delivery and installation of this size pipe may require specialized construction equipment to move and install the pipe, thus increasing the cost of this bid item. The bid was \$ 12,264.00 higher than the estimate.

**Apron Endwall for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch:** As discussed above, delivery and installation may require specialized construction equipment to move and install the endwalls, thus increasing the cost of this bid item. The bid was \$ 8,960.00 higher than the estimate.

**WDNR Signs:** The special requirements to build these aesthetic signs, as well as the special logos on the sign, may be the reason for the higher bid. The bid was \$ 8,472.00 higher than the estimate.

**Rail Fence:** This higher bid may be due to the location within the project, with respect to the drainage ways, and limited access to the site. The bid was \$ 18,975.00 higher than the estimate

Upon completion of our review, we find the bid from Johnson and Sons Paving, LLC. to be reasonable. If the Village of Jackson has the additional funds needed for the project, we recommend award of the Stonewall Connector Trail Project to Johnson and Sons Paving, LLC in the amount of \$ 187,888.00.

Sincerely,  
Bloom Companies, LLC



Scott G. Ahles, PE  
Highway and Roads Design Manager

Stonewall Connector Trail  
 Ridgeway Rd to Eagle Dr  
 Village of Jackson, Wisconsin  
 Bloom Project No. BM1-3372

Bid Opening: July 21, 2015, 10:00 AM

				All-Ways Contractors, inc.		Poblocki Paving Corp.		Johnson & Sons, LLC.		Differential of Low Bidder			
Item No.	Item	Unit	Estimated Quantity	Engineer's Estimate		Bidder No. 1		Bidder No. 2		Bidder No. 3		Total	% Diff.
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1	Clearing	STA	1	\$ 335.59166	\$ 335.59	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 620.00	\$ 620.00	\$ 284.41	84.7%
2	Grubbing	STA	1	\$ 337.22570	\$ 337.23	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 620.00	\$ 620.00	\$ 282.77	83.9%
3	Removing Curb and Gutter	LF	32	\$ 7.56612	\$ 242.12	\$ 22.00	\$ 704.00	\$ 30.00	\$ 960.00	\$ 4.00	\$ 128.00	\$ (114.12)	-47.1%
4	Excavation Common	CY	600	\$ 20.63000	\$ 12,378.00	\$ 32.00	\$ 19,200.00	\$ 57.00	\$ 34,200.00	\$ 33.00	\$ 19,800.00	\$ 7,422.00	60.0%
5	Base Aggregate dense 1-1/4 Inch	TON	530	\$ 14.90095	\$ 7,897.50	\$ 26.50	\$ 14,045.00	\$ 30.00	\$ 15,900.00	\$ 20.00	\$ 10,600.00	\$ 2,702.50	34.2%
6	Asphaltic Surface	TON	370	\$ 96.74347	\$ 35,795.08	\$ 120.00	\$ 44,400.00	\$ 122.00	\$ 45,140.00	\$ 115.00	\$ 42,550.00	\$ 6,754.92	18.9%
7	Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch	LF	24	\$ 250.00000	\$ 6,000.00	\$ 680.00	\$ 16,320.00	\$ 830.00	\$ 19,920.00	\$ 761.00	\$ 18,264.00	\$ 12,264.00	204.4%
8	Apron Endwall for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch	EACH	2	\$ 1,450.00000	\$ 2,900.00	\$ 4,890.00	\$ 9,780.00	\$ 7,438.00	\$ 14,876.00	\$ 5,930.00	\$ 11,860.00	\$ 8,960.00	309.0%
9	Concrete Curb and Gutter 18 Inch, type D	LF	32	\$ 27.28617	\$ 873.16	\$ 55.00	\$ 1,760.00	\$ 100.00	\$ 3,200.00	\$ 62.00	\$ 1,984.00	\$ 1,110.84	127.2%
10	Concrete Sidewalk 5 Inch	SF	270	\$ 5.10430	\$ 1,378.16	\$ 20.00	\$ 5,400.00	\$ 20.00	\$ 5,400.00	\$ 9.30	\$ 2,511.00	\$ 1,132.84	82.2%
11	Curb Ramp Detectable Warning Field Yellow	SF	32	\$ 35.46929	\$ 1,135.02	\$ 40.00	\$ 1,280.00	\$ 58.00	\$ 1,856.00	\$ 74.40	\$ 2,380.80	\$ 1,245.78	109.8%
12	Riprap	CY	4	\$ 72.28205	\$ 289.13	\$ 150.00	\$ 600.00	\$ 480.00	\$ 1,920.00	\$ 190.00	\$ 760.00	\$ 470.87	162.9%
13	Mobilization	EACH	1	\$ 4,025.00000	\$ 4,025.00	\$ 15,000.00	\$ 15,000.00	\$ 15,085.00	\$ 15,085.00	\$ 1,143.45	\$ 1,143.45	\$ (2,881.55)	-71.6%
14	Salvaged Topsoil	SY	1640	\$ 2.14581	\$ 3,519.13	\$ 7.50	\$ 12,300.00	\$ 8.00	\$ 13,120.00	\$ 1.50	\$ 2,460.00	\$ (1,059.13)	-30.1%
15	Mulching	SY	1500	\$ 0.28040	\$ 420.60	\$ 1.00	\$ 1,500.00	\$ 3.00	\$ 4,500.00	\$ 1.00	\$ 1,500.00	\$ 1,079.40	256.6%
16	Erosion Bales	EACH	184	\$ 9.38923	\$ 1,727.62	\$ 14.00	\$ 2,576.00	\$ 16.00	\$ 2,944.00	\$ 22.00	\$ 4,048.00	\$ 2,320.38	134.3%
17	Silt Fence	LF	1200	\$ 1.85708	\$ 2,228.50	\$ 2.00	\$ 2,400.00	\$ 2.00	\$ 2,400.00	\$ 2.50	\$ 3,000.00	\$ 771.50	34.6%
18	Silt Fence Maintenance	LF	1200	\$ 0.11829	\$ 141.95	\$ 0.50	\$ 600.00	\$ 1.00	\$ 1,200.00	\$ 0.70	\$ 840.00	\$ 698.05	491.8%
19	Erosion Mat Class I Type B	SY	62	\$ 0.96740	\$ 59.98	\$ 4.00	\$ 248.00	\$ 16.00	\$ 992.00	\$ 4.50	\$ 279.00	\$ 219.02	365.2%
20	Inlet Protection Type C	EACH	1	\$ 51.44689	\$ 51.45	\$ 60.00	\$ 60.00	\$ 600.00	\$ 600.00	\$ 126.00	\$ 126.00	\$ 74.55	144.9%
21	Temporary Ditch Checks	LF	14	\$ 9.51291	\$ 133.18	\$ 15.00	\$ 210.00	\$ 71.00	\$ 994.00	\$ 26.00	\$ 364.00	\$ 230.82	173.3%
22	Culvert Pipe Checks	EACH	1	\$ 132.85470	\$ 132.85	\$ 100.00	\$ 100.00	\$ 800.00	\$ 800.00	\$ 188.00	\$ 188.00	\$ 55.15	41.5%
23	Tracking Pads	EACH	3	\$ 1,653.26200	\$ 4,959.79	\$ 1,200.00	\$ 3,600.00	\$ 1,000.00	\$ 3,000.00	\$ 1,200.00	\$ 3,600.00	\$ (1,359.79)	-27.4%
24	Seeding Mixture No. 20	LB	45	\$ 8.26316	\$ 371.84	\$ 35.00	\$ 1,575.00	\$ 30.00	\$ 1,350.00	\$ 15.00	\$ 675.00	\$ 303.16	81.5%
25	Posts Wood 4x6 Inch x 12 Ft	EACH	2	\$ 52.08039	\$ 104.16	\$ 120.00	\$ 240.00	\$ 250.25	\$ 500.50	\$ 126.00	\$ 252.00	\$ 147.84	141.9%
26	Signs Type II Reflective H	SF	12.125	\$ 25.00000	\$ 303.13	\$ 50.00	\$ 606.25	\$ 28.00	\$ 339.50	\$ 62.00	\$ 751.75	\$ 448.63	148.0%
27	Traffic Control	EACH	1	\$ 500.00000	\$ 500.00	\$ 7,500.00	\$ 7,500.00	\$ 950.00	\$ 950.00	\$ 240.00	\$ 240.00	\$ (260.00)	-52.0%
28	Traffic Control Drums	DAY	1350	\$ 0.51088	\$ 689.69	\$ 2.00	\$ 2,700.00	\$ 2.00	\$ 2,700.00	\$ 1.00	\$ 1,350.00	\$ 660.31	95.7%
29	Traffic Control Signs	DAY	270	\$ 1.30611	\$ 352.65	\$ 2.00	\$ 540.00	\$ 5.00	\$ 1,350.00	\$ 1.00	\$ 270.00	\$ (82.65)	-23.4%
30	Geotextile Fabric Type HR	SY	3	\$ 5.22992	\$ 15.69	\$ 20.00	\$ 60.00	\$ 170.00	\$ 510.00	\$ 100.00	\$ 300.00	\$ 284.31	1812.1%
31	Pavement Marking Epoxy 4 Inch Yellow	LF	346	\$ 0.29417	\$ 101.78	\$ 4.00	\$ 1,384.00	\$ 10.50	\$ 3,633.00	\$ 2.50	\$ 865.00	\$ 763.22	749.8%
32	Pavement Marking Stop Line Epoxy 24 Inch	LF	20	\$ 7.67293	\$ 153.46	\$ 20.00	\$ 400.00	\$ 17.00	\$ 340.00	\$ 2.50	\$ 50.00	\$ (103.46)	-67.4%
33	Pavement Marking Crosswalk Epoxy 12 Inch	LF	100	\$ 9.13573	\$ 913.57	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 2.50	\$ 250.00	\$ (663.57)	-72.6%
34	Sawing Concrete	LF	8	\$ 1.41786	\$ 11.34	\$ 40.00	\$ 320.00	\$ 44.00	\$ 352.00	\$ 62.00	\$ 496.00	\$ 484.66	4272.8%
35	WDNR Signs	EACH	2	\$ 1,400.00000	\$ 2,800.00	\$ 1,200.00	\$ 2,400.00	\$ 2,000.00	\$ 4,000.00	\$ 5,636.00	\$ 11,272.00	\$ 8,472.00	302.6%
36	Wall Modular Block Gravity	SF	375	\$ 33.04286	\$ 12,391.07	\$ 42.00	\$ 15,750.00	\$ 42.00	\$ 15,750.00	\$ 49.00	\$ 18,375.00	\$ 5,983.93	48.3%
37	Rail Fence	LF	345	\$ 12.00000	\$ 4,140.00	\$ 80.00	\$ 27,600.00	\$ 65.00	\$ 22,425.00	\$ 67.00	\$ 23,115.00	\$ 18,975.00	458.3%
				Total Est.	\$ 109,809.41	Total No. 1	\$ 217,658.25	Total No. 2	\$ 247,107.00	Total No. 3	\$ 187,888.00	\$ 78,078.59	71.1%

**DNR COPY**

**Notice:** Collection of this information is authorized under ss. 23.09(11), 23.09(26), 350.12(4), 23.33, and 30.92, Wis. Stats., and chs. NR 7, NR 50, NR 51, and NR 64, Wis. Admin. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss.19.31 - 19.39, Wis. Stats].

<b>Grantee/Project Sponsor</b>  Village of Jackson	<b>Project Number</b>  RTA-656-14								
<b>Project Title</b>  Village of Jackson - Stonewall Trail Connection Development									
<b>Period Covered by This Agreement</b>  April 29, 2014 Through June 30, 2016	<b>Name of Program</b>  Recreational Trails Act								
<b>Project Scope and Description of Project</b>  The Village of Jackson will utilize recreational trails act grant to constructing a 1,300' multi-use trail segment along STH 60 on the east side of the village. This project is the first phase of a multi-year phasing of trail construction.									
<b>PROJECT FINANCIAL ASSISTANCE SUMMARY:</b>	The following documents are hereby incorporated into and made part of this agreement:								
<table> <tr> <td><b>Total Project Cost</b></td> <td style="text-align: right;">\$113,780.00</td> </tr> <tr> <td><b>Cost-Share Percentage</b></td> <td style="text-align: right;">50%</td> </tr> <tr> <td><b>State Aid Amount</b></td> <td style="text-align: right;">\$45,000.00</td> </tr> <tr> <td><b>Project Sponsor Share</b></td> <td style="text-align: right;">\$68,780.00</td> </tr> </table>	<b>Total Project Cost</b>	\$113,780.00	<b>Cost-Share Percentage</b>	50%	<b>State Aid Amount</b>	\$45,000.00	<b>Project Sponsor Share</b>	\$68,780.00	<ol style="list-style-type: none"> <li><b>Chapter NR 50, Wisconsin Administrative Code</b></li> <li><b>Application Dated 04/25/2013</b></li> </ol>
<b>Total Project Cost</b>	\$113,780.00								
<b>Cost-Share Percentage</b>	50%								
<b>State Aid Amount</b>	\$45,000.00								
<b>Project Sponsor Share</b>	\$68,780.00								

## **A. General Conditions:**

1. The State of Wisconsin Department of Natural Resources (Department) and the Sponsor mutually agree to perform this agreement in accordance with the Recreational Trails Act and with the project proposal, application, terms, promises, conditions, plans, specifications, estimates, procedures, maps and also any assurances attached and made a part of this agreement.
2. This agreement, together with any referenced parts and attachments, shall constitute the entire agreement and previous communications or agreements pertaining to the subject matter of this agreement are superseded. Any revisions, including cost adjustments, must be made by an amendment to this agreement or other written documentation, signed by both parties, prior to the termination date of the agreement. Time extensions and scope changes to the agreement may be granted to the Sponsor by the Department in writing without the requirements of Sponsor signature.
3. Failure by the sponsor to comply with the terms of this agreement shall not cause the suspension of all obligations of the State if, in the judgment of the Secretary of the Department, such failure was due to no fault of the Sponsor. In such case, any amount required to settle at minimum costs any irrevocable obligations properly incurred shall be eligible for assistance under this agreement, at the Department's discretion.

### **The Project Sponsor:**

4. Agrees to comply with all applicable Wisconsin Statutes and Wisconsin Administrative codes in fulfilling terms of this agreement. In particular, the Sponsor agrees to comply with the provisions of Chapter NR 50, Wis. Adm. Code, as well as comply with all applicable local and state contract and bidding requirements. The sponsor should consult its legal counsel with questions concerning contracts and bidding.
5. May decline the offer of financial assistance provided through this agreement, in writing, at any time prior to the starting of the project and before expending any funds. After the project has been started or funds expended, this agreement may be rescinded, modified, or amended only by mutual agreement in writing.
6. Agrees, to save, keep harmless, defend and indemnify the Department and all its officers, employees and agents, against any and all liability claims, costs of whatever kind and nature, for injury to or death of any person or persons, and for loss or damage to any property (state or other) occurring in connection with or in any way incident to or arising out of the occupancy, use, service, operation or performance of work in connection with this agreement or omissions of Sponsor's employees, agents or representatives.
7. Agrees to reimburse the Department of any and all funds the Department deems appropriate in the event the Sponsor fails to comply with the conditions of this agreement or project proposal as described, or fails to provide public benefits as indicated in the project application, proposal description or this agreement. In addition, should the Sponsor fail to comply with the conditions of this agreement, fail to progress due to non-appropriation of funds, or fail to progress with or complete the project to the satisfaction of the Department, all obligations of the Department under this agreement may be terminated, including further project cost payment.
8. Agrees, in connection with the performance of work under this agreement, not to discriminate against any employee or applicant for employment because of age, race, religion, color, disability, handicap, sex, physical condition, developmental disability as defined in s. 51.01(5), Wis. Status, sexual orientation or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Sponsor further agrees to take affirmative action to ensure equal employment opportunities, as required by law. The Sponsor agrees to post in conspicuous places available, for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.

### **The Department:**

9. Promises, in consideration of the covenants and agreements made by the Sponsor, to obligate for the Sponsor the amount of \$45,000.00, and to tender to the Sponsor that portion of the obligation which is required to pay the Department's share of the costs based upon the state providing 50 percent of eligible project costs. The Sponsor promises, in consideration of the promises made by the Department, to execute the project described in accordance with this agreement.
10. Agrees that the Sponsor shall have sole control of the method, hours worked, and time and manner of any performance under this agreement other than as specifically provided in this document. The Department reserves the right only to inspect the job site or premises for the sole purpose of insuring that the performance is progressing or has been completed in compliance with the agreement. The Department takes no responsibility of supervision or direction of the performance of the agreement to be performed by the Sponsor or the Sponsor's employees or agents. The Sponsor is an Independent Contractor for all purposes, not an employee or agent of the Department. The Department further agrees that it will exercise no control over the selection and dismissal of the Sponsor's employees or agents.

## **B. Special Conditions:**

***The following special project terms and conditions were added to this agreement before it was signed by the parties hereto:***

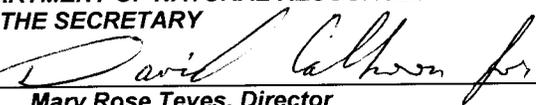
1. All facilities constructed with assistance from this program must be accessible to persons with disabilities. All facilities developed with these grant funds shall be connected by linkage trails to a main walkway and/or parking lot.

2. STATE SINGLE AUDIT GUIDELINES. Grantees shall comply with annual Single Audit requirement as specified in OMB Circular A-133 "Audit of States, Local Governments, and Non-Profit Organizations" and the Wisconsin State Single Audit Guidelines found at: <http://www.doa.state.wi.us/section.asp?linkid=81&locid=167> issued by the Wisconsin Department of Administration (DOA), State Controller's Office.
3. This grant is funded through a grant from the US Department of Transportation, Federal Highway Administration under the Recreational Trails Program authorized under Section 1112 of the Transportation Efficiency Act for the 21st Century which amended 23 USC 206. This procurement will be subject to regulations set forth in (1) Title 23, U.S. Code, Highways, (2) the Regulations issued pursuant thereto and, (3) the policies and procedures promulgated by the Federal Highway Administrator relative to the above designated project. This procurement shall be subject to the regulations contained Section 20.219, Recreational Trails Program, of the Catalog of Federal Domestic Assistance, <http://www.cfda.gov>. The grantee shall maintain the financial information and dated records used in the preparation or support of the cost submission for the grant in effect on the date of execution for this grant until three years after the final voucher has been approved by the Federal Highway Administration. The department, US Department of Transportation, or their agents, or any of their duly authorized representatives, shall have access to such books, records, documents, and other evidence for the purpose of inspection, audit and copying. The grantee shall provide proper facilities for such access and inspection. In addition, they shall have access to all records which relate to any dispute, appeal, or litigation, or the settlement of claims arising out of such performance, or costs or items to which an audit exception has been taken.
4. In connection with the performance of work under this agreement, the sponsor agrees not to discriminate against any employe or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in s. 51.01(5), Wis. Stats., sexual orientation, arrest or conviction record or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. Except with respect to sexual orientation, the sponsor further agrees to take affirmative action to ensure equal employment opportunities.
5. The sponsor shall implement and maintain proper soil erosion and sediment control best management (BMPs) practices during construction of the project. Erosion and sediment control BMPs shall be accomplished using the guidelines in the Wisconsin Stormwater Technical Standards available via the internet at <http://dnr.wi.gov/runoff/stormwater/techstds.htm>. BMPs shall be properly installed, and maintained to function as intended until the project site is stabilized. All temporary erosion and sediment control practices (e.g. silt fence, etc.) shall be removed once the construction site has undergone final stabilization. Construction sites associated with land disturbing activities over one acre and grading sites of 10,000 sq. ft., or more on the bank of a navigable waterway require an erosion control and stormwater management plan prepared by the sponsor. Construction sites disturbing one or more acres of land require coverage under a construction site stormwater discharge permit prior to commencing any land disturbing construction activity.
6. All regulatory permits and approvals, including water and wetland regulatory permits and approvals, required by federal, state or local agencies must be obtained prior to project construction and complied with fully during project construction.
7. The Sponsor agrees to provide to the Department copies of easements, land use agreements and permits with landowners (private and public) granting access to and permission to build in the trail corridor prior to the start of construction.
8. Approval for construction of the trail in the right-of-way must be obtained in writing from the Department of Transportation and a copy of this approval must be sent to the Department of Natural Resources prior to construction.

*The persons signing for the Sponsor represents both personally and as an agent of his or her principal that he or she is authorized to execute this agreement and bind his or her principal, either by a duly adopted resolution or otherwise.*

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
FOR THE SECRETARY

By   
(Signature)  
DIRECTOR OF PUBLIC WORKS / VILLAGE ENGINEER  
(Title)  
5/1/2014  
(Date)

By   
Mary Rose Teves, Director  
Bureau of Community Financial Assistance  
4/29/14  
(Date)

PLOT BY : ---- SHEET SET : 1.00 PLOT SCALE : 1:1  
 FILE NAME : F:\BIM-3372\_Jackson STH 60 Trail - Village of Jackson\C3d\Sheet\Plan\01001.tl.dwg

PLAN OF PROPOSED IMPROVEMENT

# STONE WALL CONNECTION TRAIL VILLAGE OF JACKSON

(NON-HWY)  
WASHINGTON COUNTY

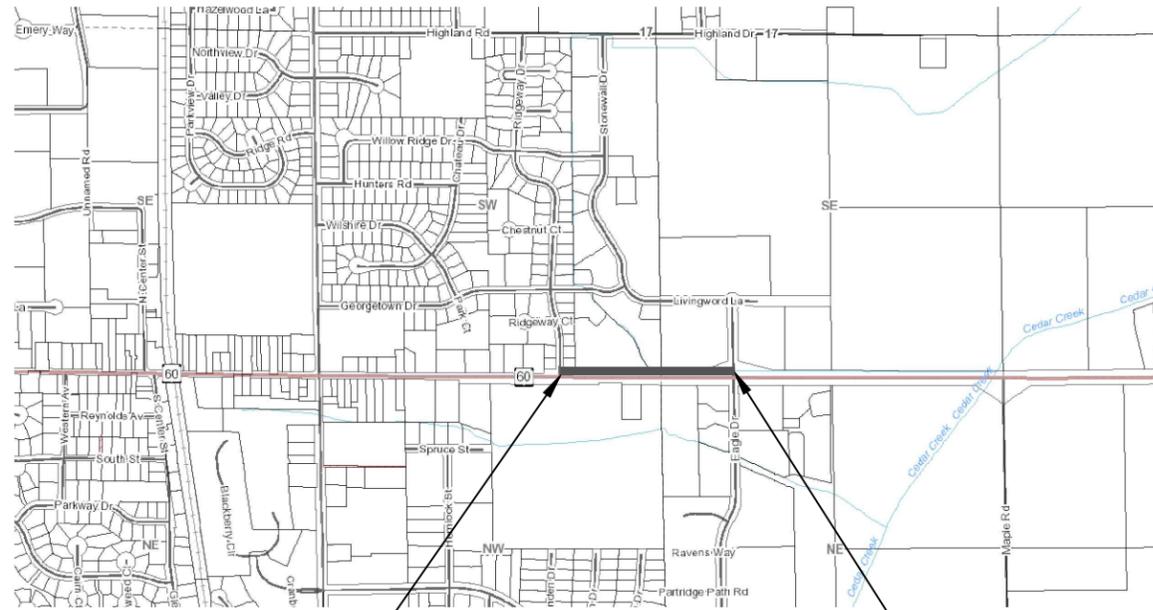
BLOOM PROJECT NUMBER  
**3372**



ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	9	Cross Sections

TOTAL SHEETS = 36



**BEGIN PROJECT**  
 STONEWALL CONNECTION TRAIL  
 STA 1+00  
 Y= 147,920.95  
 X= 369,772.72

TOTAL NET LENGTH OF CENTERLINE = 1315 Ft.

**END PROJECT**  
 STA. 14+15

CONVENTIONAL SYMBOLS

**PLAN**

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
FENCE	
RR TRACKS	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

**PROFILE**

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
<b>UTILITIES</b>	
ELECTRIC	
FIBER OPTIC	
GAS	
OVERHEAD LINE	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WI. COUNTY COORDINATE SYSTEM, WASHINGTON ZONE, WCCS WASHINGTON DATUM

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO NGVD29.

ACCEPTED FOR  
VILLAGE OF JACKSON

7/6/15   
(Date)

DIRECTOR OF PUBLIC WORKS  
(Signature & Title of Official)

ORIGINAL PLANS PREPARED BY



7/6/15   
(Date) (Signature)

## GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY 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.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE FILLED WITH GRANULAR BACKFILL, WHICH SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE ABANDONMENT OR REMOVAL ITEM.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER. INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

INLET PROTECTION SHALL BE PLACED AT ALL INLET LOCATIONS ACCEPTING STORM WATER FROM THE PROJECT AREA OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

REMOVAL OF EROSION CONTROL DEVICES IS INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. SALVAGED TOPSOIL SHALL BE USED.

STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LOCATIONS OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED AS NEEDED AND/OR DIRECTED BY THE ENGINEER. NO WORKING LIGHTS SHALL BE VISIBLE ON A LAID DOWN SIGN.

DISTURBED AREAS EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE SALVAGED TOPSOILED, MULCHED AND SEEDED AS DIRECTED BY THE ENGINEER IN THE FIELD.

FERTILIZER SHALL NOT BE USED WITHIN 200' NAVIGABLE WATERWAYS OR WETLANDS. THE DRAINAGE WAY ON THE PROJECT IS NAVIGABLE.

ASPHALTIC SURFACE SHALL BE CONSTRUCTED IN TWO 2.0" LIFTS

## STANDARD ABBREVIATIONS

AC ACRE  
 AECPRC APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE  
 AECPRCHE APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL  
 AEW APRON END WALL  
 AGG AGGREGATE  
 AH AHEAD  
 ASPH ASPHALTIC  
 B/C BACK OF CURB  
 BK BACK  
 BM BENCH MARK  
 CE COMMERCIAL ENTRANCE  
 CONC CONCRETE  
 CL OR C/L CENTER OR CONSTRUCTION LINE  
 CP CULVERT PIPE  
 CPCM CULVERT PIPE CORRUGATED METAL  
 CPRCCULVERT PIPE REINFORCED CONCRETE  
 CPRCHE CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL  
 CPT CULVERT PIPE TEMPORARY  
 CY CUBIC-YARD  
 D DEGREE OF CURVE  
 Δ DELTA  
 DIA DIAMETER  
 DISCH DISCHARGE  
 DWY DRIVEWAY  
 EL OR ELEV ELEVATION  
 EW END WALL  
 EBS EXCAVATION BELOW SUBGRADE  
 FF FACE TO FACE  
 FE FIELD ENTRANCE  
 FT FOOT  
 HES HIGH EARLY STRENGTH  
 HMA HOT MIX ASPHALT  
 INV INVERT  
 LT LEFT  
 LHF LEFT HAND FORWARD  
 L LENGTH OF CURVE  
 LF LINEAR FOOT  
 MIN MINIMUM  
 ML OR M/L MATCHLINE  
 NC NORMAL CROWN  
 PAVT PAVEMENT  
 PCC POINT OF COMPOUND CURVE  
 PC POINT-OF CURVE  
 PE PRIVATE ENTRANCE  
 PGL PROFILE GRADE LINE  
 PI POINT OF INTERSECTION  
 PL PROPERTY LINE  
 PLE PERMANENT LIMITED EASMENT  
 PRC POINT OF REVERSE CURVATURE  
 PT POINT OF TANGENT  
 R RADIUS OF CURVE  
 RL OR R/L REFERENCE LINE  
 REINF REINFORCED  
 REQ'D OR REQD REQUIRED  
 RC REVERSE CROWN  
 RT RIGHT  
 RHF RIGHT HAND FORWARD  
 R/W RIGHT OF WAY  
 SALV SALVAGED  
 SF SQUARE FOOT  
 SY SQUARE YARD  
 SDD STANDARD DETAIL DRAWING  
 STA STATION  
 SSPRC STORM SEWER PIPE REINFORCED CONCRETE  
 SSPRCHE STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL  
 SE SUPER ELEVATION  
 T TANGENT  
 TEMP TEMPORARY  
 TLE TEMPORARY LIMITED EASEMENT  
 TYP TYPICAL  
 VPCC VERTICAL POINT OF COMPOUND CURVATURE  
 VPC VERTICAL POINT OF CURVE  
 VPI VERTICAL POINT OF INTERSECTION  
 VPRC VERTICAL OPINT OF REVERSE CURVATURE  
 VPT VERTICAL POINT OF TANGENCY

PLOT SCALE : 1:1

SHEET SET : 2.00

PLOT BY : ----

FILE NAME :F:\B\MI-5372\_Jackson STH 60 Trail - Village of Jackson C3d#SheetPlan#020101-gn.dwg



# STONEWALL CONNECTION TRAIL RIDGEWAY RD TO EAGLE DR VILLAGE OF JACKSON

### GENERAL NOTES

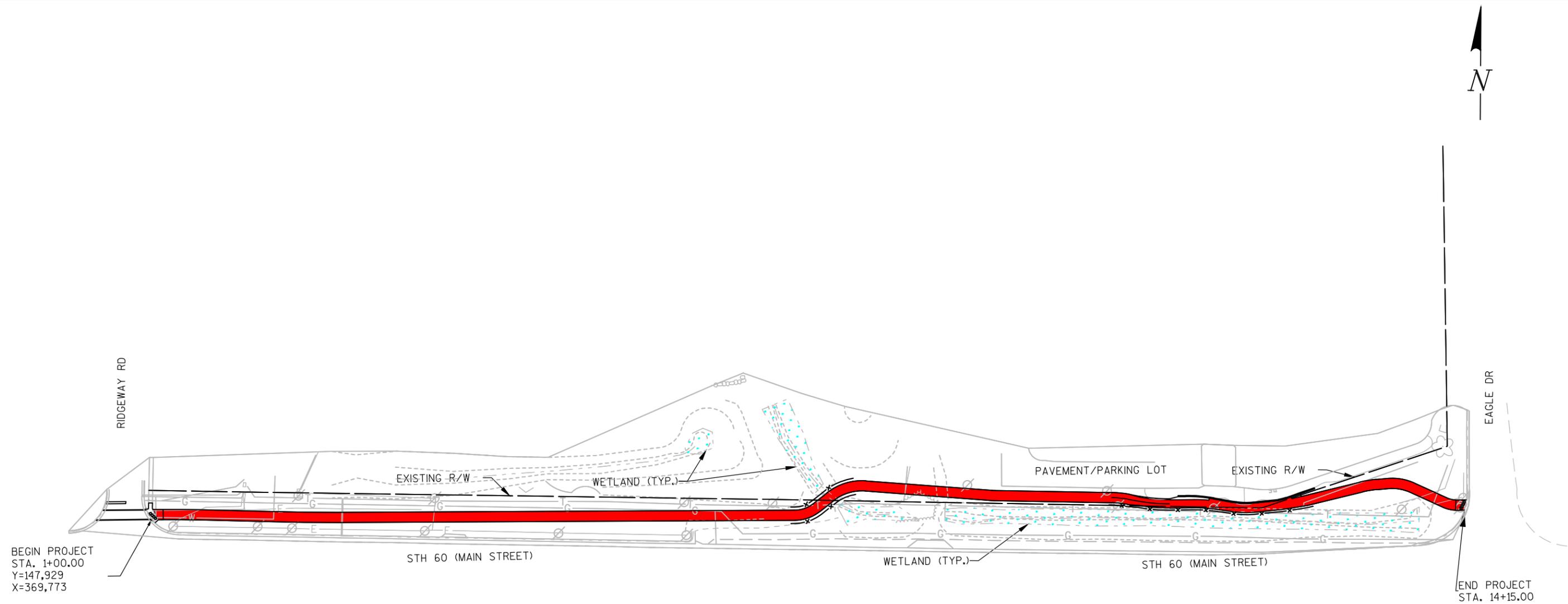
Designer	Technician	Approval	
<b>JAA</b>	<b>TAL</b>	<b>JLH</b>	

Date  
**7/7/15**

Sheet Number

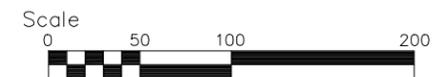


FILE NAME : F:\B\MI-3372-Jackson STH 60 Trail - Village of Jackson STH 60 Trail - Village of Jackson\Plans\020201-pc.dwg PLOT BY : ----- SHEET SET : 5.00 PLOT SCALE : 40:1

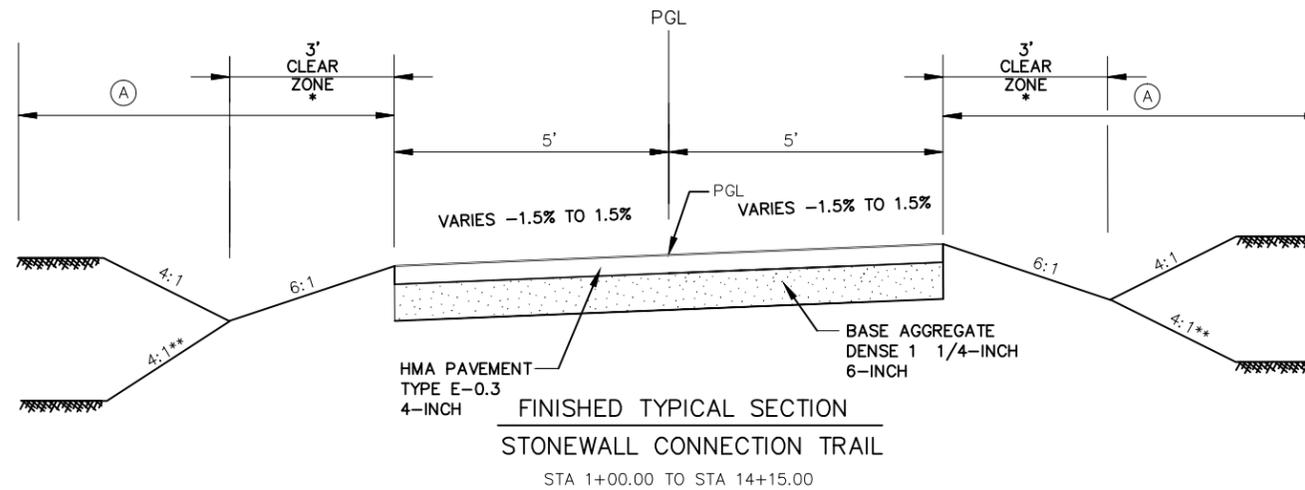



**BLOOM COMPANIES, LLC**  
*Infrastructure Innovation and Ingenuity*  
 10501 W. Research Drive • Milwaukee, WI 53226  
 Phone: (414) 771-3390 Fax: (414) 771-4490

**STONEWALL CONNECTION TRAIL**  
**RIDGEWAY RD TO EAGLE DR**  
**VILLAGE OF JACKSON**



<b>PROJECT OVERVIEW</b>			Date 7/7/15
Designer <b>JAA</b>	Technician <b>TAL</b>	Approval <b>JLH</b>	Sheet Number



NOTES

(A) SALVAGED TOPSOIL (4" THICK), SEEDING MIXTURE NO. 20, FERTILIZER TYPE B AND MULCH

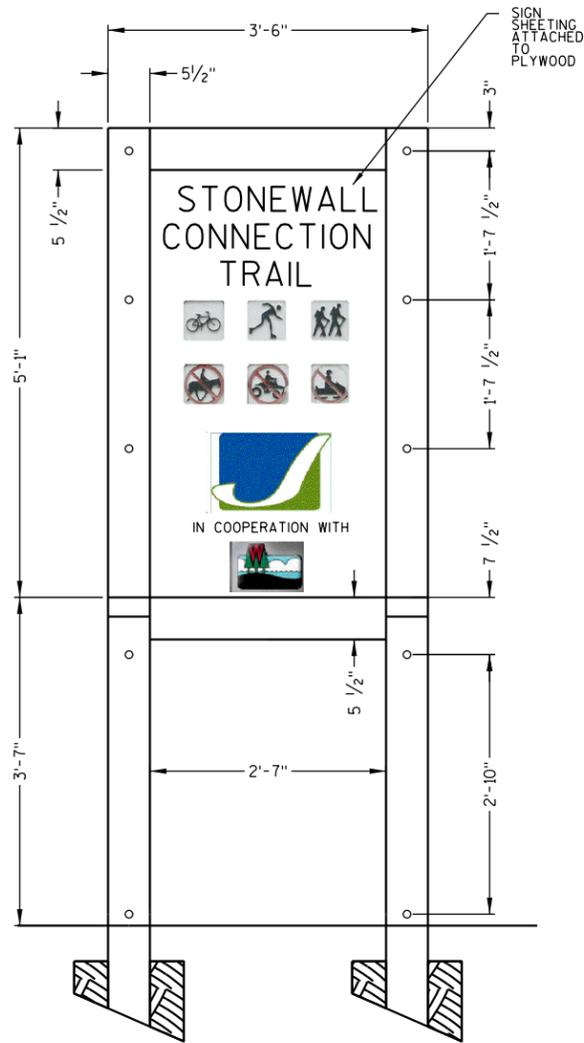
SEE CROSS SECTIONS FOR TRAIL CROSS SLOPES

PGL = POINT REFERRED TO ON PROFILE

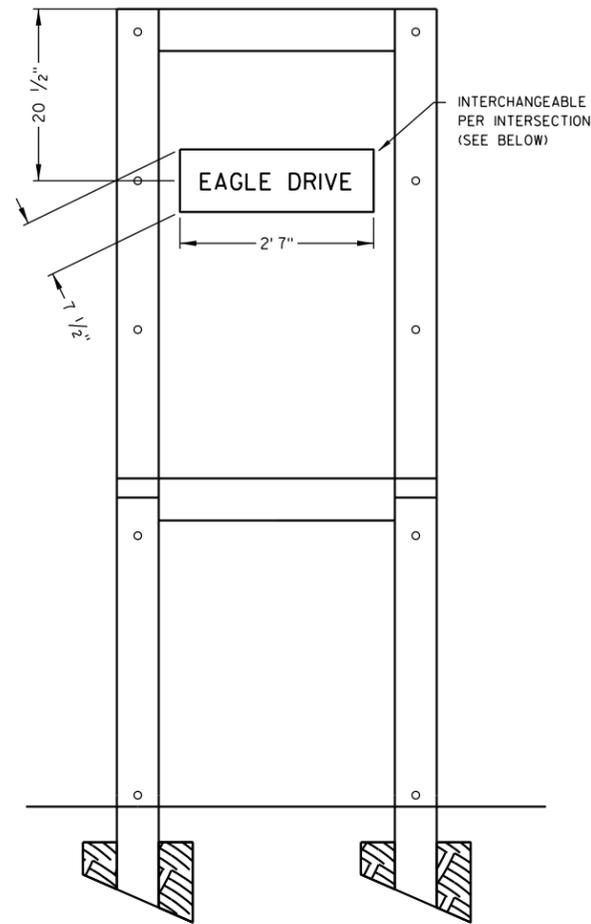
\*6:1 MAX SLOPE

\*\*FILL SLOPE TO BE 3:1 OUTSIDE CLEAR ZONE ADJACENT TO WETLANDS

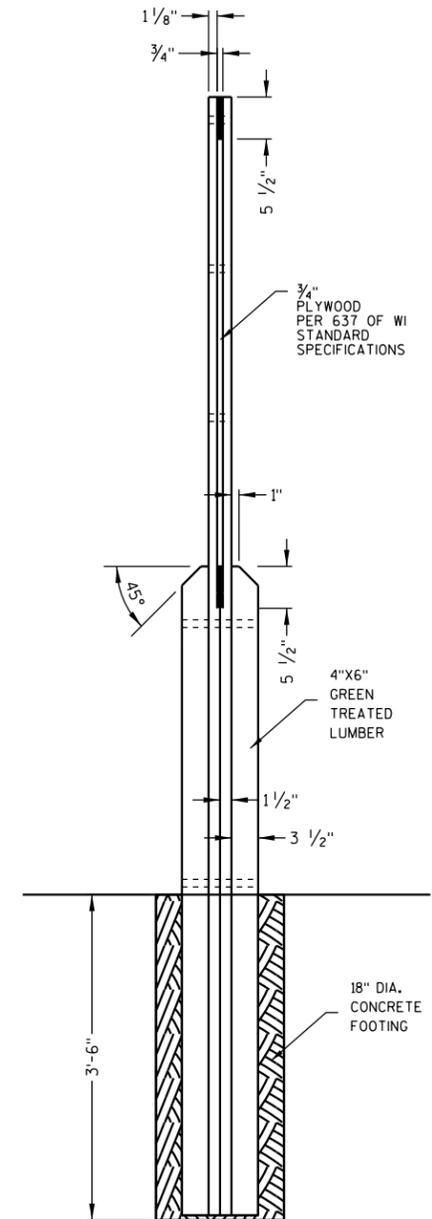
<b>TYPICAL SECTION</b>			Date 7/7/15
Designer <b>JAA</b>	Technician <b>TAL</b>	Approval <b>JLH</b>	Sheet Number



FRONT ELEVATION

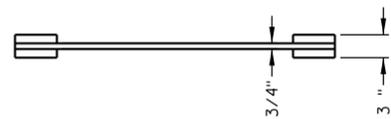


BACK ELEVATION



SIDE ELEVATION

NOTE: MINIMUM 3' OFFSET FROM EDGE OF PAVEMENT TO EDGE OF SIGN



TOP VIEW

INTERCHANGEABLE SIGNS:

- Ⓐ RIDGEWAY ROAD (1 SIGN NEEDED)
- Ⓑ EAGLE DRIVE (1 SIGN NEEDED)

WDNR SIGN SPECIAL DETAIL

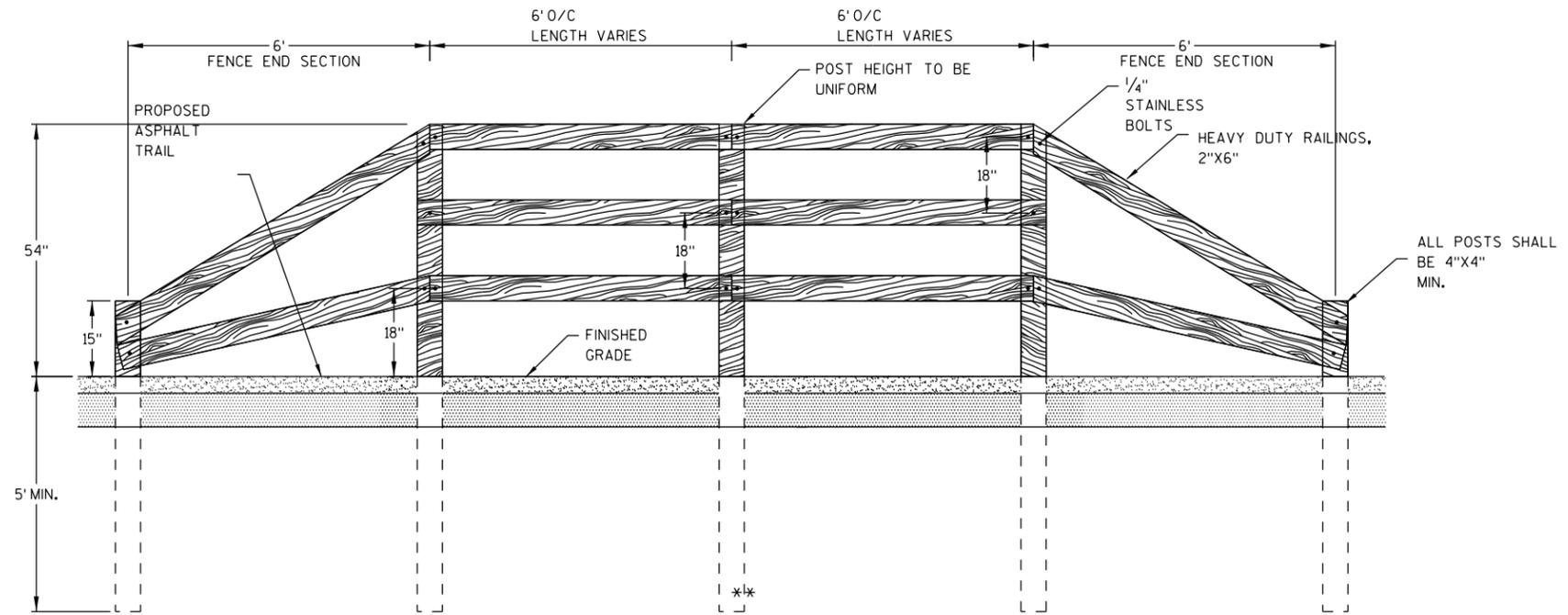
STONEWALL CONNECTION TRAIL  
 RIDGEWAY DRIVE TO EAGLE DRIVE  
 VILLAGE OF JACKSON

CONSTRUCTION DETAILS

DATE: 6/29/15

Designer	Technician	Approval	Sheet Number
JLH	JA	SA	

PLOT SCALE 1:1  
SHEET SET ###  
PLOT BY Jason Atchison  
PLOT DATE 3/12/15

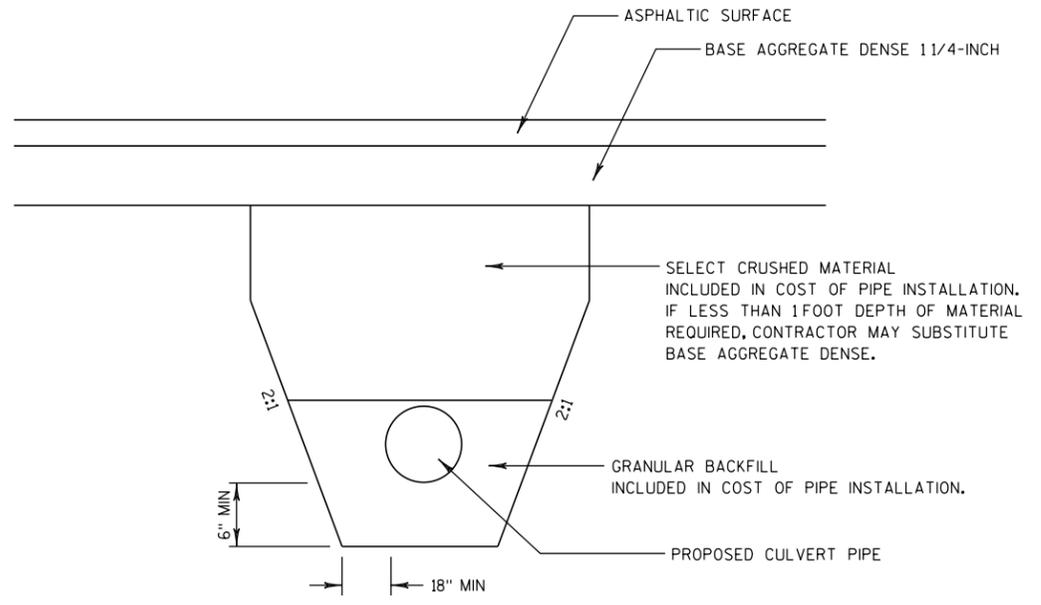


**RAIL FENCE - SPECIAL DETAIL**

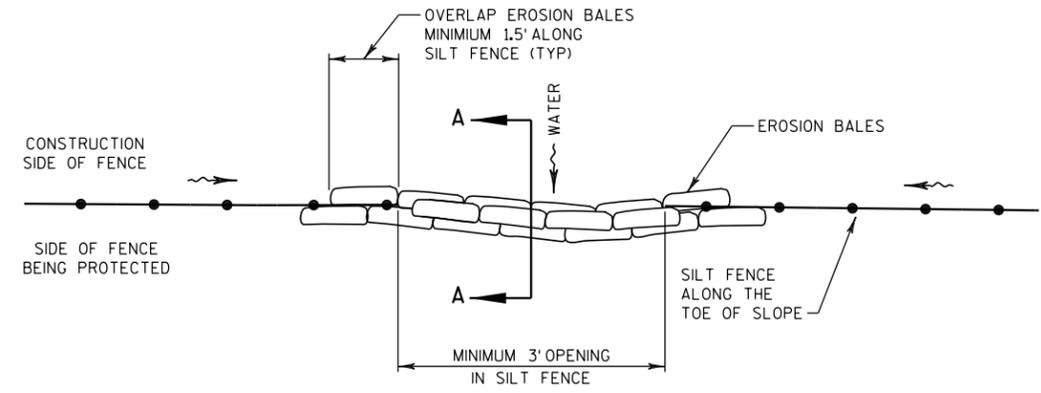
NOT TO SCALE  
SEE PLAN VIEW FOR LOCATION CALL-OUTS

\*\* CENTER POST OVER  
CULVERT AND ONLY  
POUND TO DEPTH THAT  
DOES NOT COMPROMISE  
CULVERT

NOTE: LATERAL MEMBERS  
ARE MOUNTED TO FRONT  
SIDE OF POSTS VIA THRU  
BOLT.  
(SEE SPECIFICATIONS FOR  
MATERIAL DETAILS)



**INSTALLATION OF PIPES DETAIL**



**PLAN VIEW**



**SECTION A-A**

**SILT FENCE ROCK BAGS OUTLET DETAIL**

F:\BM1-3323\_Beloit Glade Trail - City of Greenfield\Bloom boarder 11x17 new.dwg

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**STONEWALL CONNECTION TRAIL  
RIDGWAY DRIVE TO EAGLE DRIVE  
VILLAGE OF JACKSON**

<b>CONSTRUCTION DETAILS</b>			DATE: <b>6/29/15</b>
Designer <b>JLH</b>	Technician <b>JA</b>	Approval <b>SA</b>	Sheet Number

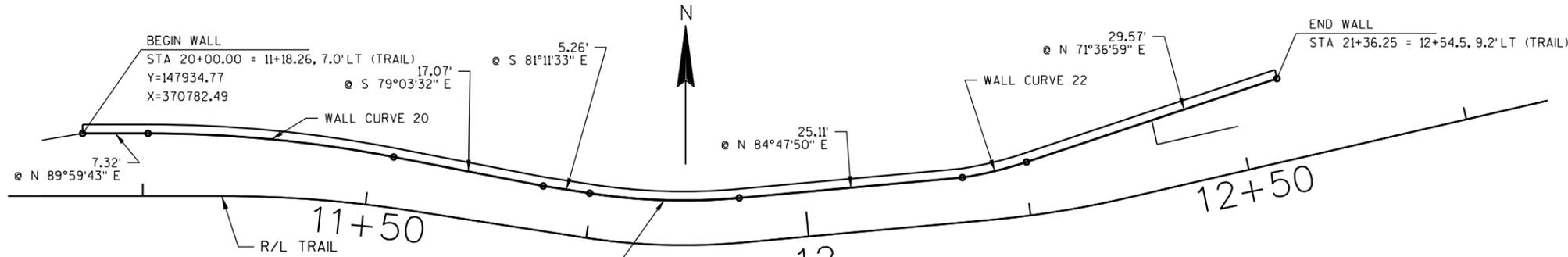
PLOT SCALE 1:1

SHEET SET ###

PLOT BY Jason Atchison

PLOT DATE 1/12/15

F:\BM1-3323\_Beloit Glade Trail - City of Greenfield\Bloom boarder 11x17 new.dwg



**WALL CURVE 20**  
 PI = 20+21.22  
 Y = 147934.77  
 X = 370803.70  
 $\Delta = 10^\circ 56' 45''$  R  
 D = 39°30'52"  
 R = 145  
 T = 13.89  
 L = 27.70  
 E = 0.66  
 PC = 20+07.32  
 Y = 147934.77  
 X = 370789.81  
 PT = 20+35.02  
 Y = 147932.14  
 X = 370817.35

**WALL CURVE 21**  
 PI = 20+65.80  
 Y = 147926.80  
 X = 370847.65  
 $\Delta = 14^\circ 00' 37''$  L  
 D = 83°21'04"  
 R = 68.74  
 T = 8.45  
 L = 16.81  
 E = 0.52  
 PC = 20+57.35  
 Y = 147928.09  
 X = 370839.30  
 PT = 20+74.16  
 Y = 147927.56  
 X = 370856.06

**WALL CURVE 22**  
 PI = 21+02.98  
 Y = 147930.41  
 X = 370884.74  
 $\Delta = 9^\circ 32' 24''$  L  
 D = 128°49'53"  
 R = 44.47  
 T = 3.71  
 L = 7.40  
 E = 0.15  
 PC = 20+99.27  
 Y = 147929.84  
 X = 370881.07  
 PT = 21+06.68  
 Y = 147931.58  
 X = 370888.26

**GENERAL NOTES & DESIGN DATA**

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "MODULAR BLOCK GRAVITY WALL".

THE CONTRACTOR SHALL DESIGN THE WALL ACCORDING TO THE SOILS ON-SITE. NO SOIL BORINGS ARE PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING ANY NECESSARY BORING TO DETERMINE SOILS SUPPORT VALUES AND DESIGN THE WALL ACCORDINGLY. ANY SOIL BORINGS CONDUCTED ARE INCLUDED IN THE COST OF THE MODULAR BLOCK GRAVITY WALL BID ITEM.

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

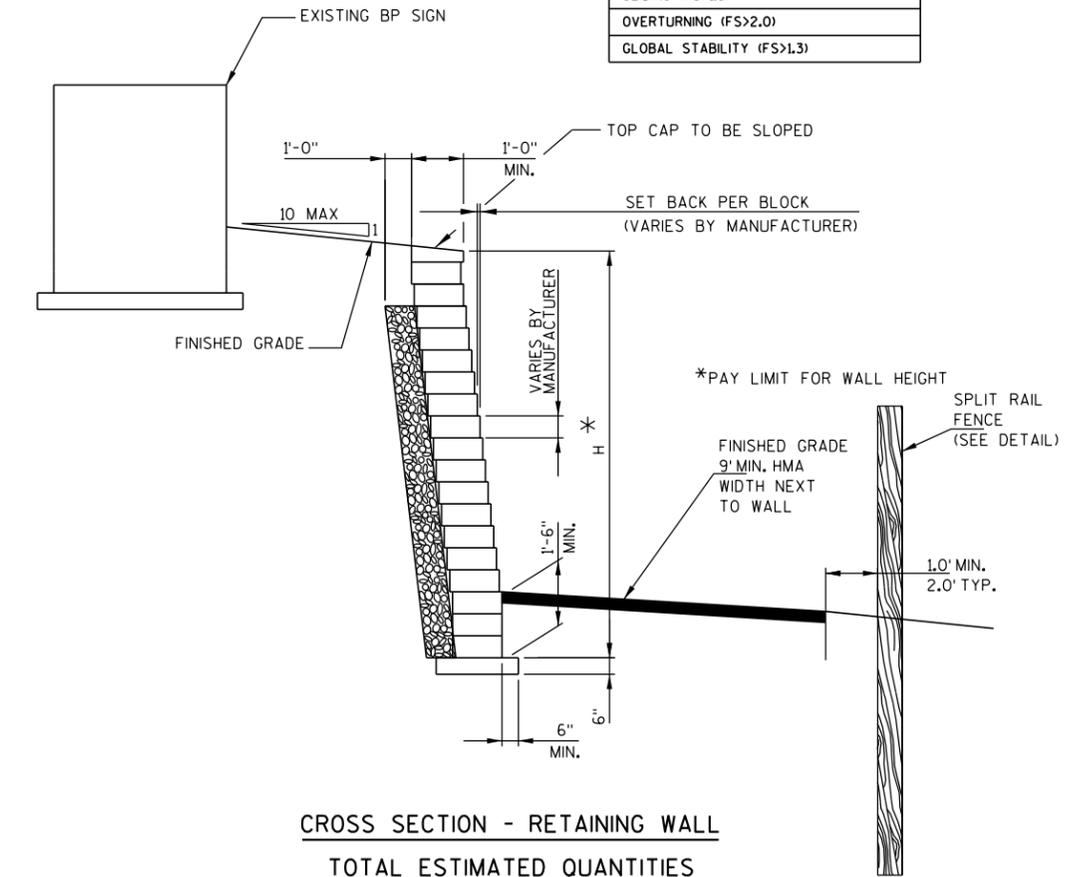
THE RETAINING WALL IS TO BE DESIGNED BY THE MANUFACTURER USING THE ELEVATIONS GIVEN ON THIS SHEET.

THE MANUFACTURER SHALL DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE SLOPES BEHIND WALL AS SHOWN.

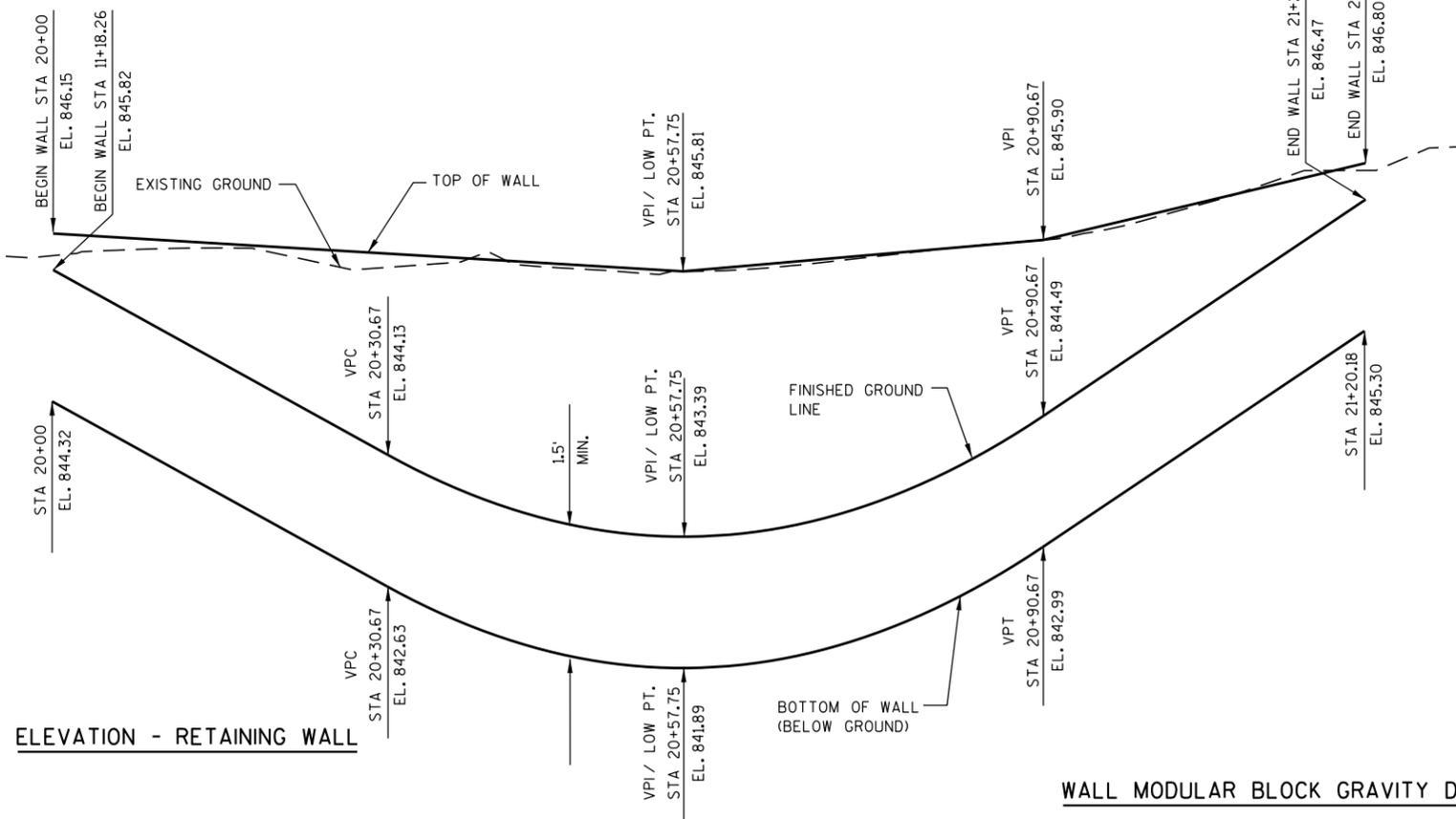
ONCE THE CONTRACTOR HAS SUBMITTED SHOP DRAWINGS FOR THE INTERNAL STABILITY OF THE WALL TO THE FIELD ENGINEER, THE ENGINEER MUST REVIEW THE PLANS.

**SAFETY FACTORS & REQ'D WALL MODIFICATIONS**

ANALYSIS (DOT STANDARD)
SLIDING (FS) > 1.5
OVERTURNING (FS) > 2.0
GLOBAL STABILITY (FS) > 1.3



TOTAL ESTIMATED QUANTITIES  
 WALL MODULAR BLOCK GRAVITY: 385 S.F.

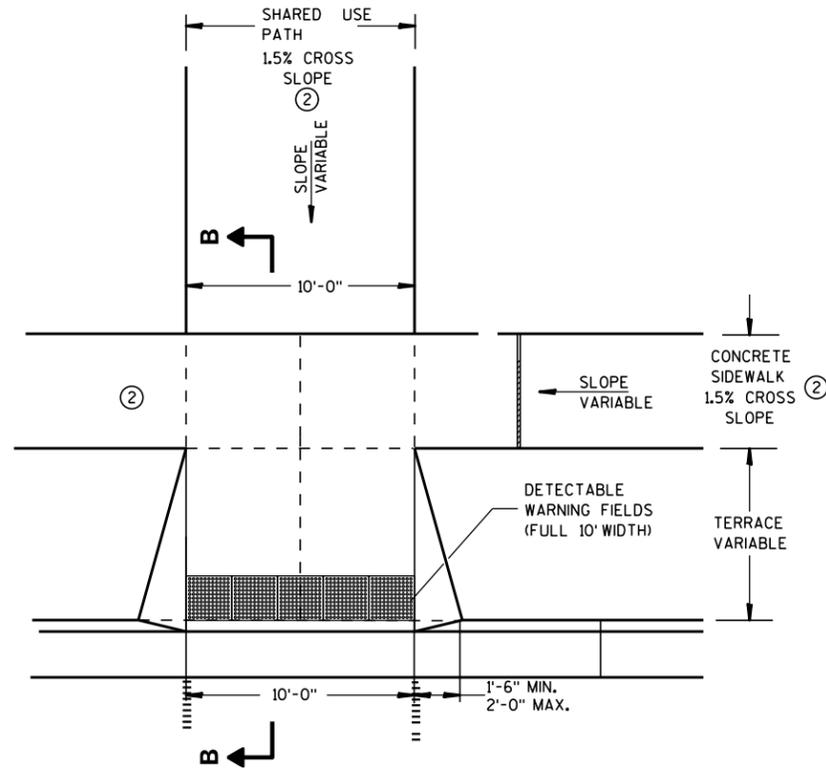


**STONEWALL CONNECTION TRAIL  
 RIDGEWAY DRIVE TO EAGLE DRIVE  
 VILLAGE OF JACKSON**

**BLOOM COMPANIES, LLC**  
 Infrastructure Innovation and Ingenuity  
 10501 W. Research Drive • Milwaukee, WI 53226  
 Phone: (414) 771-3390 Fax: (414) 771-4490

<b>CONSTRUCTION DETAILS</b>			DATE: 6/29/15
Designer JLH	Technician JA	Approval SA	Sheet Number

PLOT SCALE 1:1  
 SHEET SET ###  
 PLOT BY Jason Atchison  
 PLOT DATE 3/12/15  
 City of Greenfield\Bloom\border\11x17\_new.dwg



**PLAN VIEW**  
(IN LINE WITH PATH)

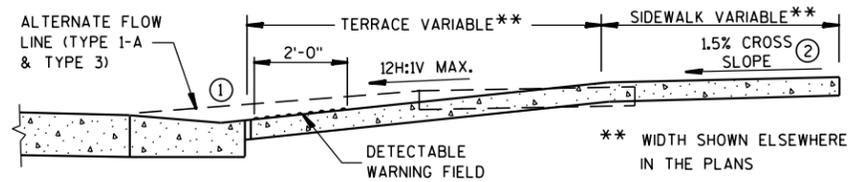
**LEGEND**

- 1/2" EXPANSION JOINT-SIDEWALK (INSTALL PER INDUSTRY STANDARD)
- CONTRACTION JOINT FIELD LOCATED
- ||||| PAVEMENT MARKING CROSSWALK (WHITE)

**GENERAL NOTES**

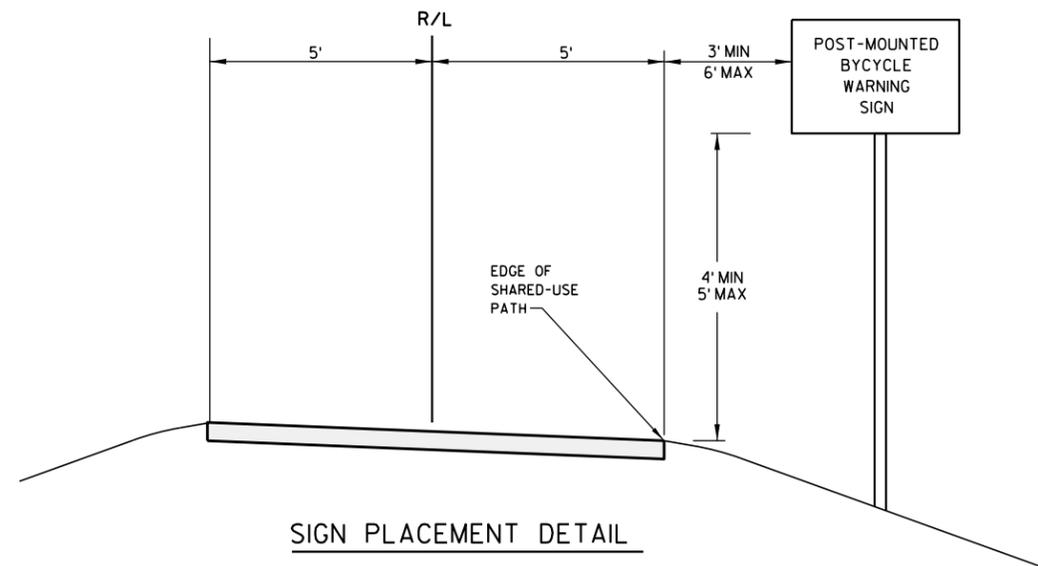
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- ① GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER / RAMP INTERFACE.
- ② ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 1.5% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ③ INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.
- ④ THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO BACK OF CURB SHALL BE 1.5 FEET. THE WARNING FIELDS SHALL EXTEND ACROSS THE ENTIRE 10' WIDTH OF THE PATH.



**SECTION B-B**

**TYPE 3 RAMP MODIFIED**



**SIGN PLACEMENT DETAIL**

### GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

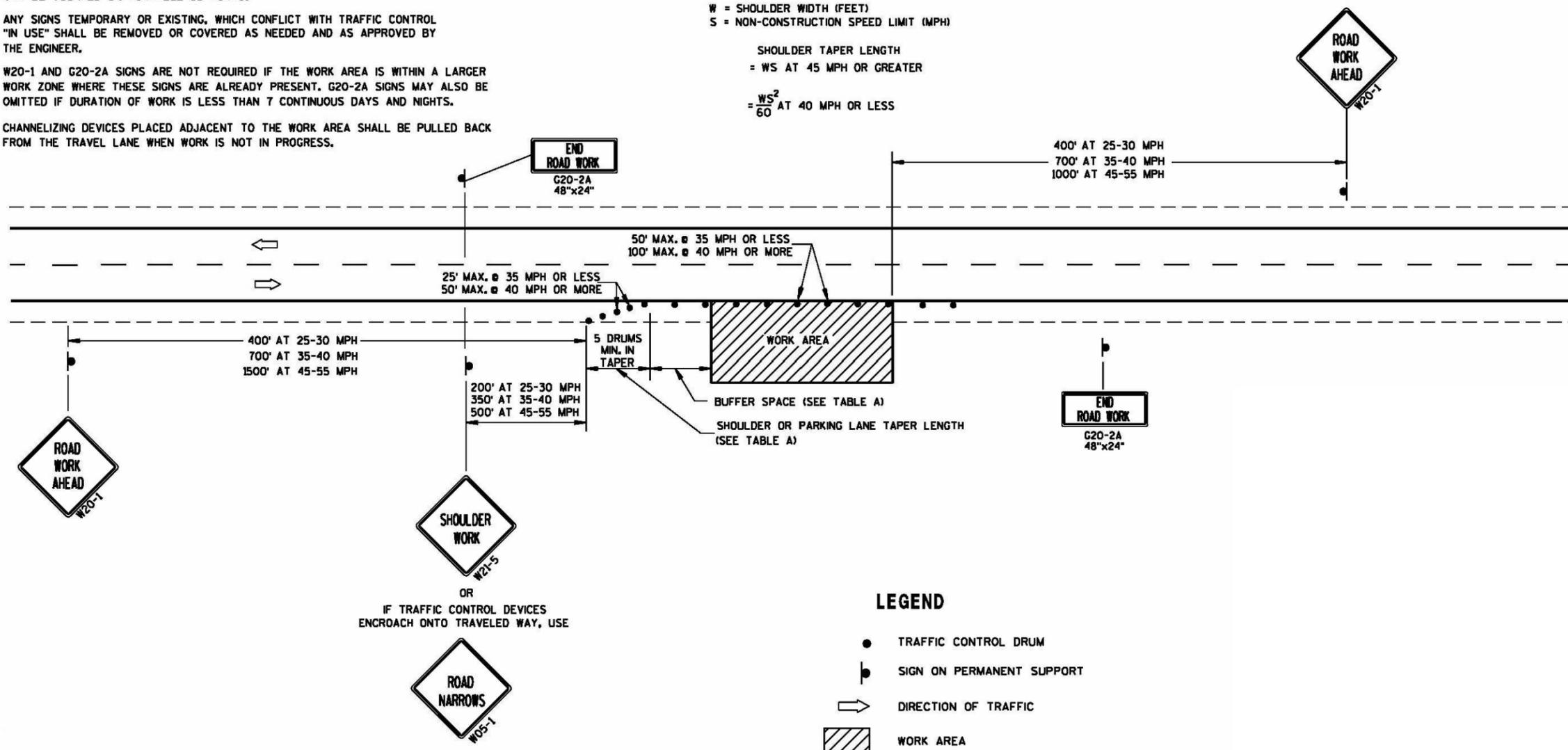
### TABLE A

S	SHOULDER TAPER LENGTH (FEET)				BUFFER SPACE (FEET)
	4	5	8	10	
30	20	30	40	50	85
35	30	45	55	70	120
40	40	55	75	90	170
45	60	90	120	150	220
50	70	100	135	170	280
55	75	110	150	185	335

W = SHOULDER WIDTH (FEET)  
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

SHOULDER TAPER LENGTH  
= WS AT 45 MPH OR GREATER

=  $\frac{WS^2}{60}$  AT 40 MPH OR LESS



### LEGEND

- TRAFFIC CONTROL DRUM
- ⊙ SIGN ON PERMANENT SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▨ WORK AREA

**SDD - TRAFFIC CONTROL  
WORK ON SHOULDER OR  
PARKING LANE,  
UNDIVIDED ROADWAY**

**CONSTRUCTION  
DETAILS**

Date  
7/7/15

Designer	Technician	Approval	Sheet Number
JAA	TAL	JLH	

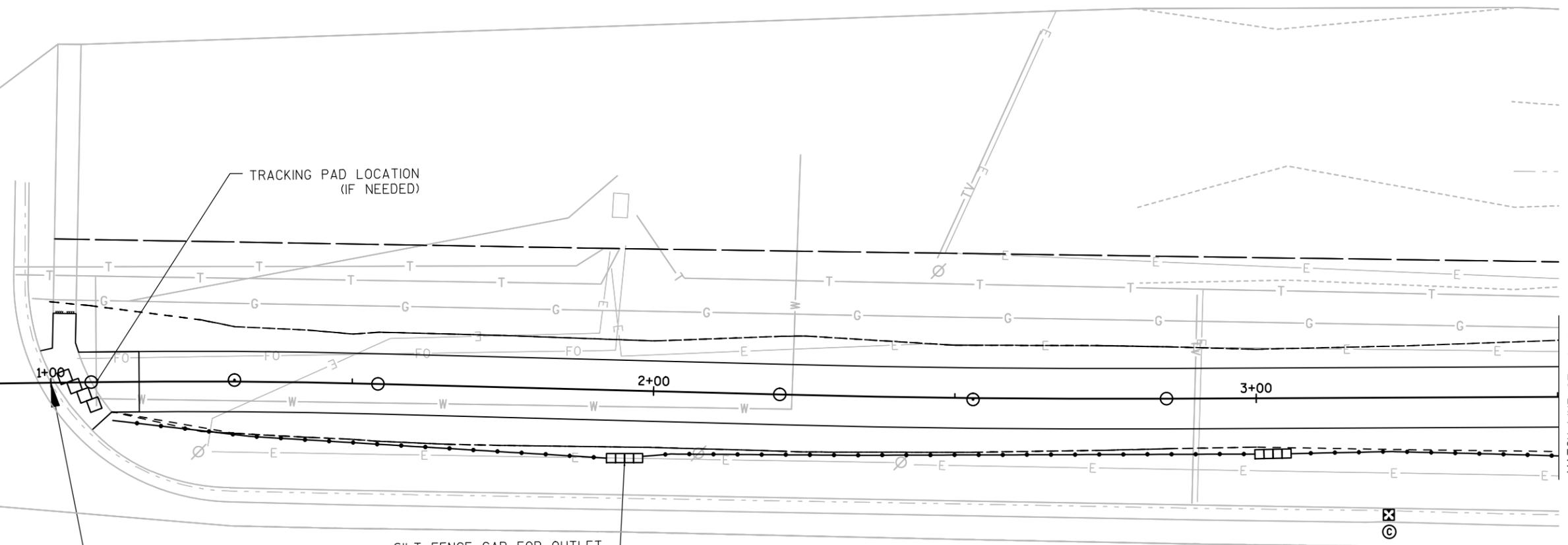
**STONEWALL CONNECTION TRAIL  
RIDGEWAY RD TO EAGLE DR  
VILLAGE OF JACKSON**

FILE NAME : F:\B\MI-3372-Jackson STH 60 Trail - Village of Jackson STH 60 Trail - Village of Jackson Plans\022001-ec.dwg PLOT BY : ----- SHEET SET : 5.00 PLOT SCALE : 20:1

- LEGEND**
-  SILT FENCE
  -  EROSION BALES, BARRIER
  -  SLOPE INTERCEPT
  -  INLET PROTECTION, TYPE C
  -  TEMPORARY DITCH CHECK
  -  CULVERT PIPE DITCH CHECK
  -  RIPRAP OUTLET PADS
  -  EROSION MAT CLASS I, TYPE A OR B
  -  SURFACE WATER FLOW



**RIDGEWAY ROAD**



**MAIN STREET/STH 60**

BEGIN PROJECT STA. 1+00

SILT FENCE GAP FOR OUTLET USING EROSION BALES



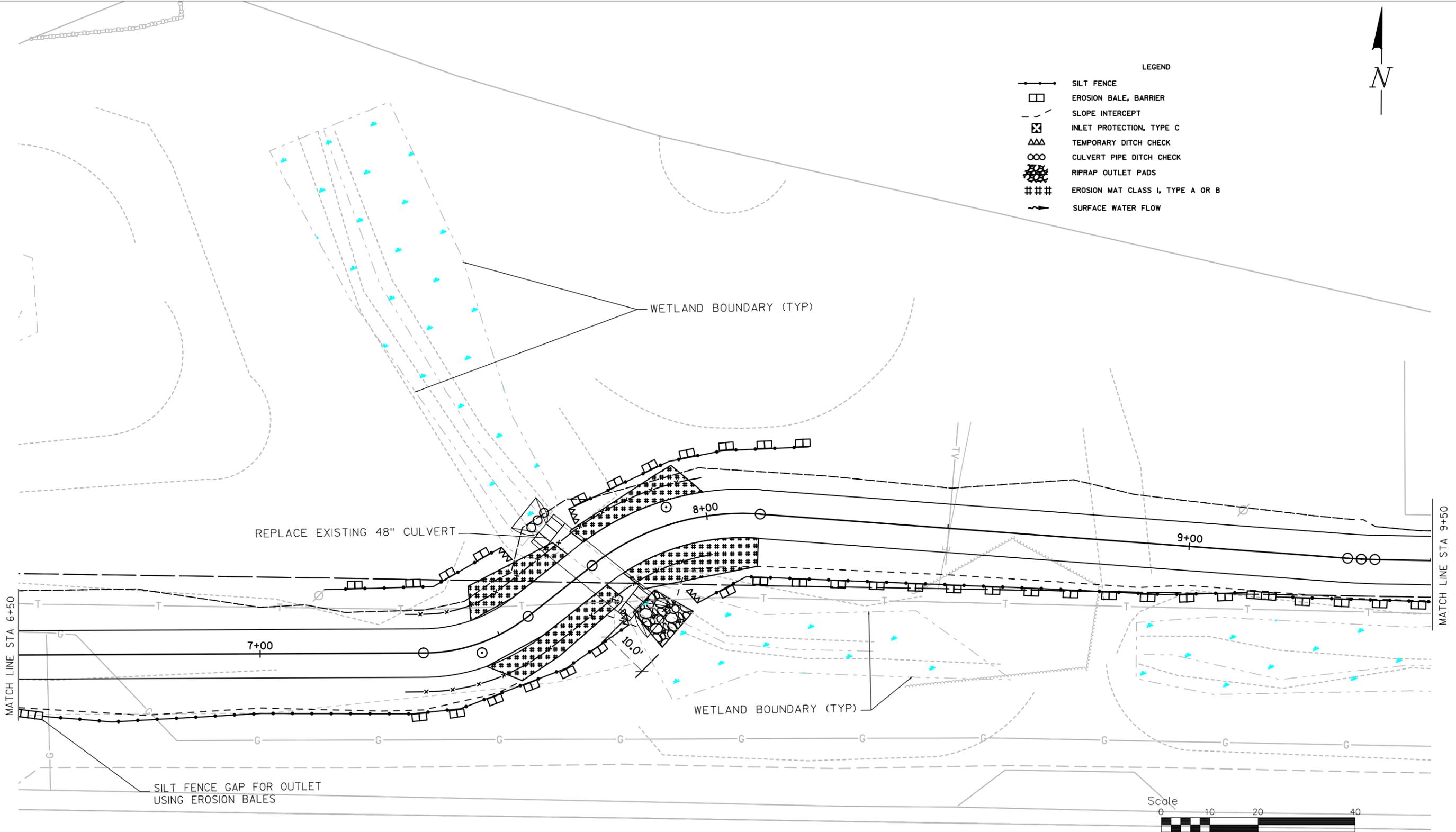
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*Infrastructure Innovation and Ingenuity*  
 10501 W. Research Drive • Milwaukee, WI 53226  
 Phone: (414) 771-3390 Fax: (414) 771-4490

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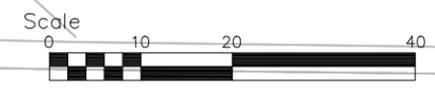
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Designer <b>JAA</b>	Technician <b>TAL</b>	Approval <b>JLH</b>	Sheet Number



FILE NAME : F:\BIM-3372-Jackson STH 60 Trail - Village of Jackson STH 60 Trail - Village of Jackson\Plan\022001-ec.dwg PLOT BY : PLOT SCALE : 20:1 SHEET SET : 5.00



- LEGEND**
- SILT FENCE
  - EROSION BALE, BARRIER
  - SLOPE INTERCEPT
  - INLET PROTECTION, TYPE C
  - TEMPORARY DITCH CHECK
  - CULVERT PIPE DITCH CHECK
  - RIPRAP OUTLET PADS
  - EROSION MAT CLASS I, TYPE A OR B
  - SURFACE WATER FLOW



**MAIN STREET/STH 60**

**STONEWALL CONNECTION TRAIL  
RIDGEWAY RD TO EAGLE DR  
VILLAGE OF JACKSON**

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<b>EROSION CONTROL</b>			Date 7/7/15
Designer <b>JAA</b>	Technician <b>TAL</b>	Approval <b>JLH</b>	Sheet Number



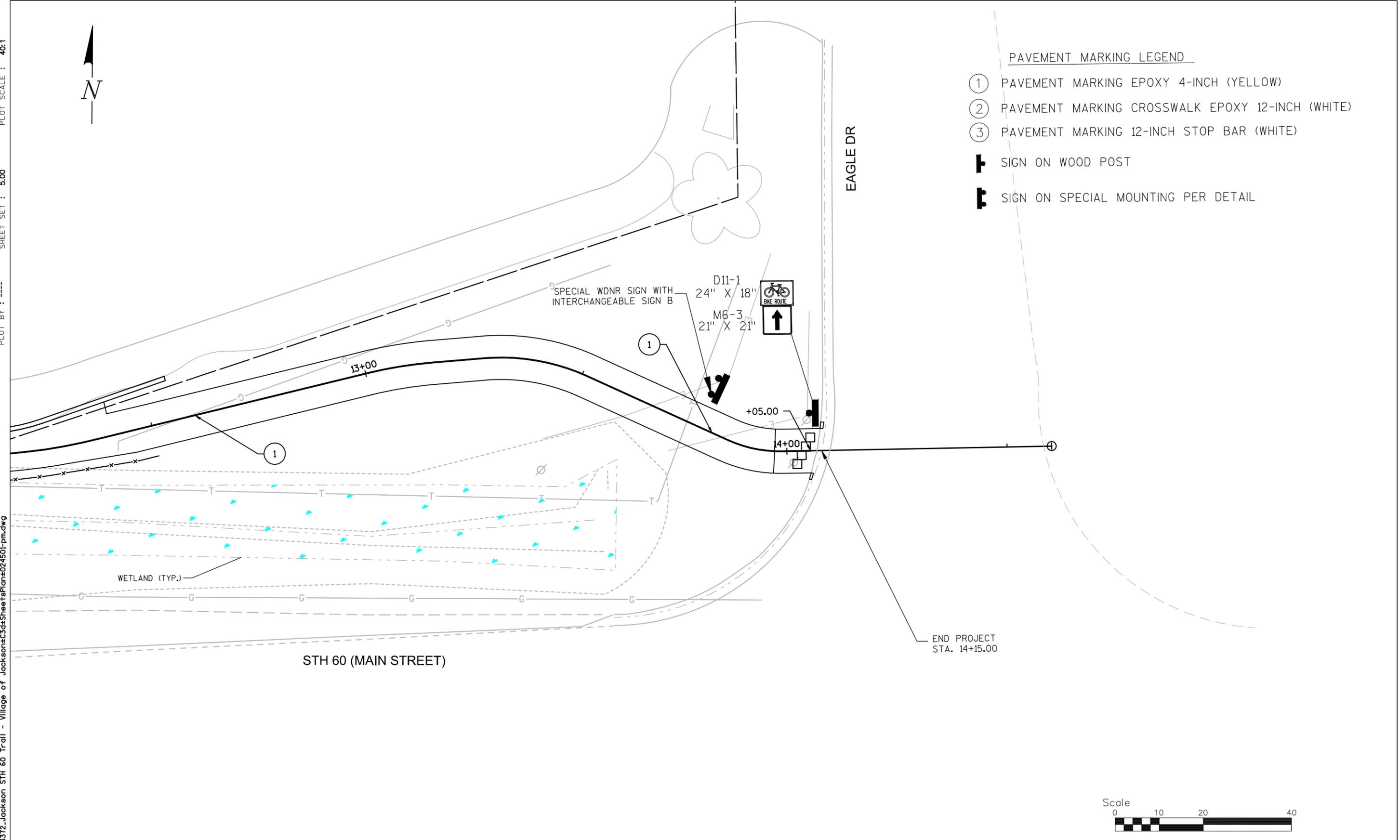








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 SHEET SET : 5.00  
 PLOT SCALE : 40:1



- PAVEMENT MARKING LEGEND
- ① PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
  - ② PAVEMENT MARKING CROSSWALK EPOXY 12-INCH (WHITE)
  - ③ PAVEMENT MARKING 12-INCH STOP BAR (WHITE)
  - SIGN ON WOOD POST
  - SIGN ON SPECIAL MOUNTING PER DETAIL

SPECIAL WDNR SIGN WITH INTERCHANGEABLE SIGN B

D11-1  
24" X 18"  
M6-3  
21" X 21"



STH 60 (MAIN STREET)

END PROJECT STA. 14+15.00

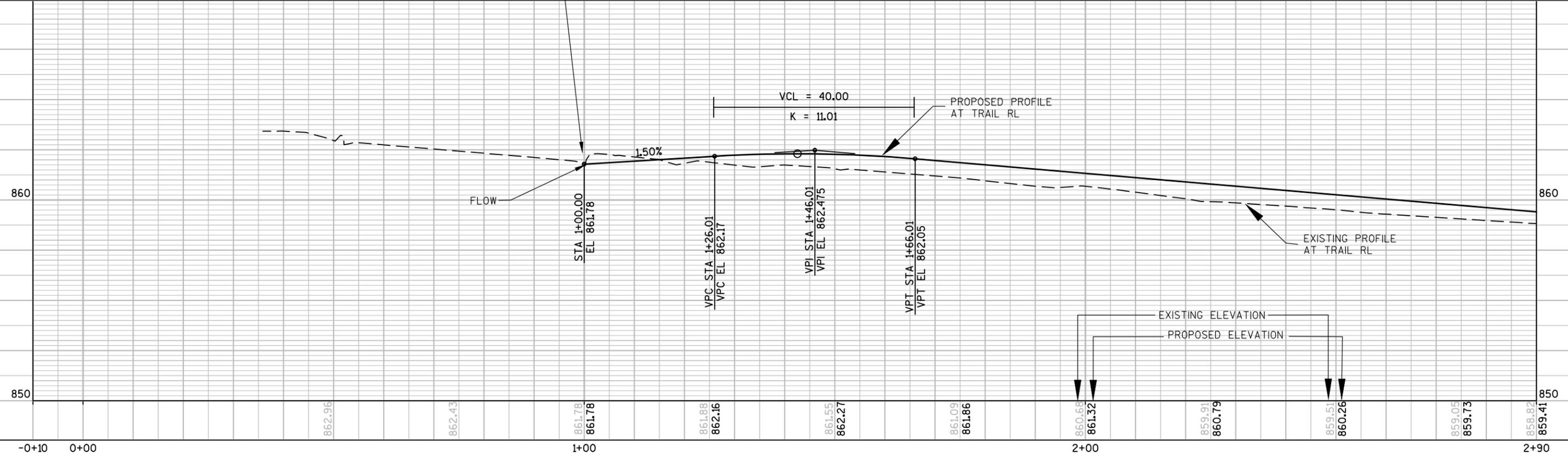
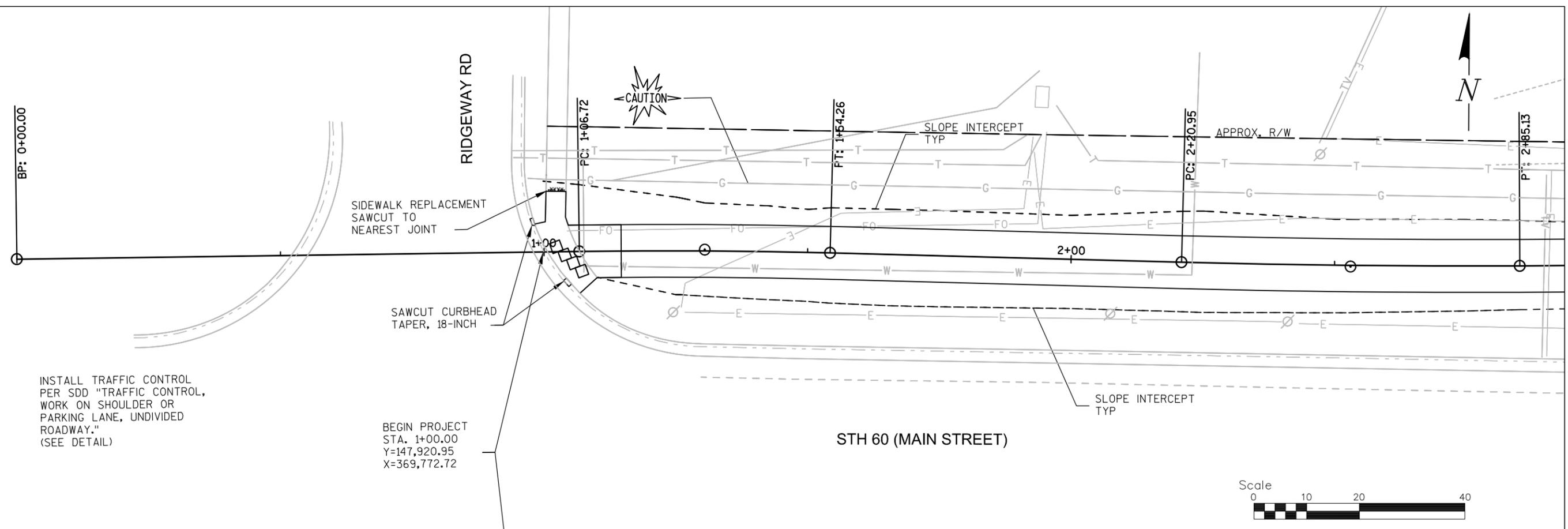


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 RIDGEWAY RD TO EAGLE DR  
 VILLAGE OF JACKSON**

<b>SIGNING AND MARKING</b>			Date 7/7/15
Designer <b>JAA</b>	Technician <b>TAL</b>	Approval <b>JLH</b>	Sheet Number

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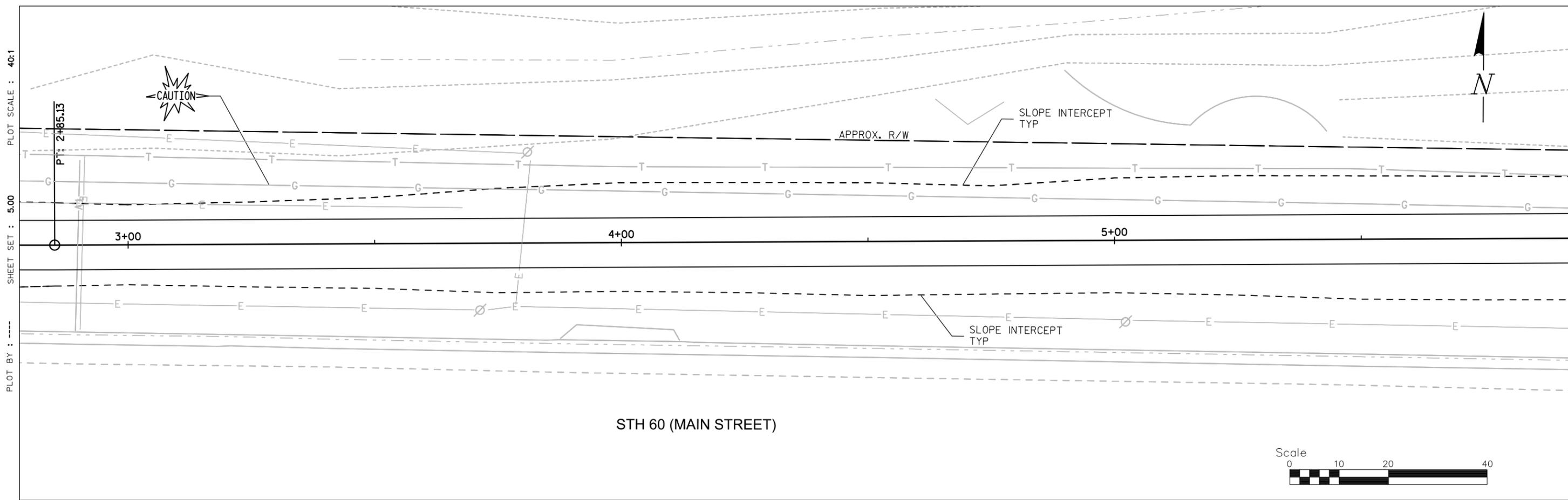
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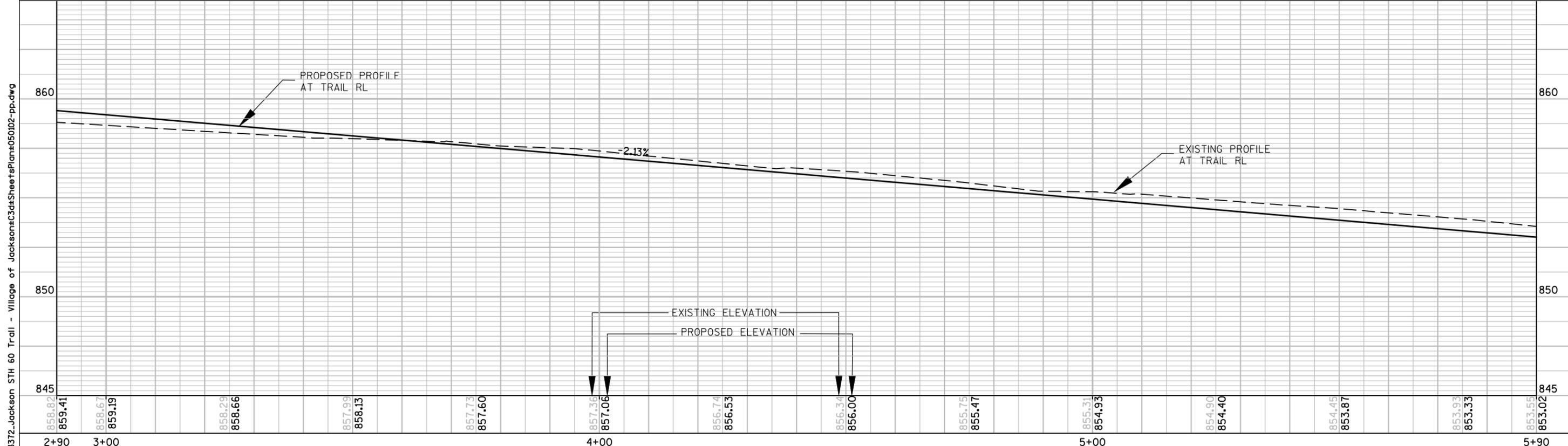
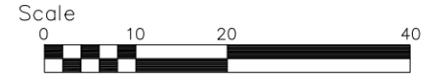
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Designer	Technician	Approval	7/7/15
JAA	TAL	JLH	Sheet Number

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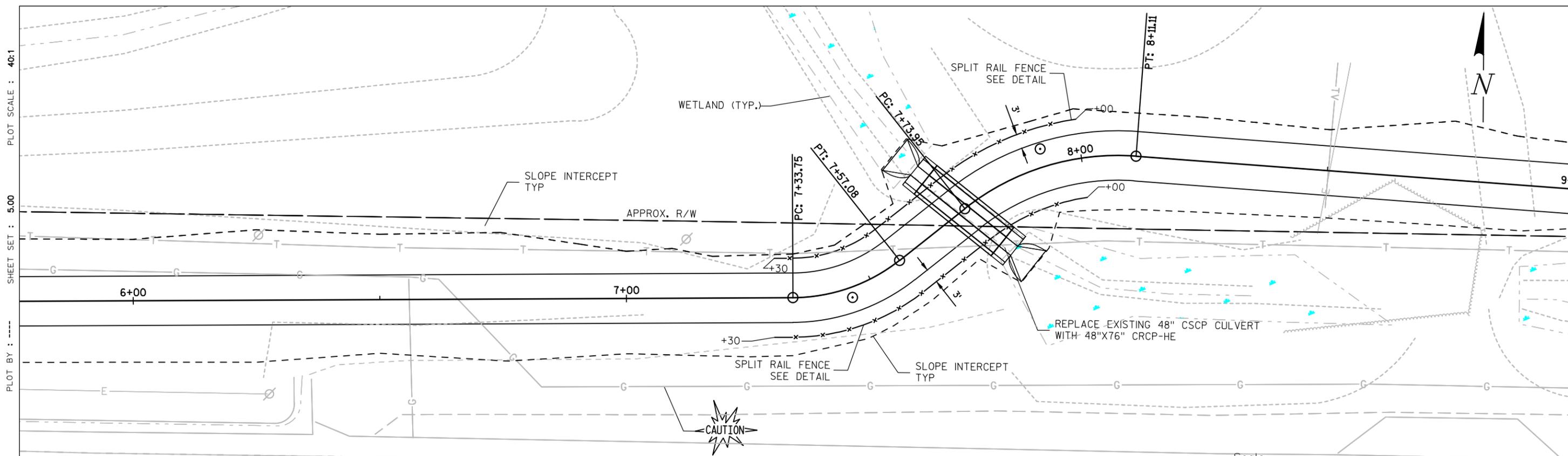
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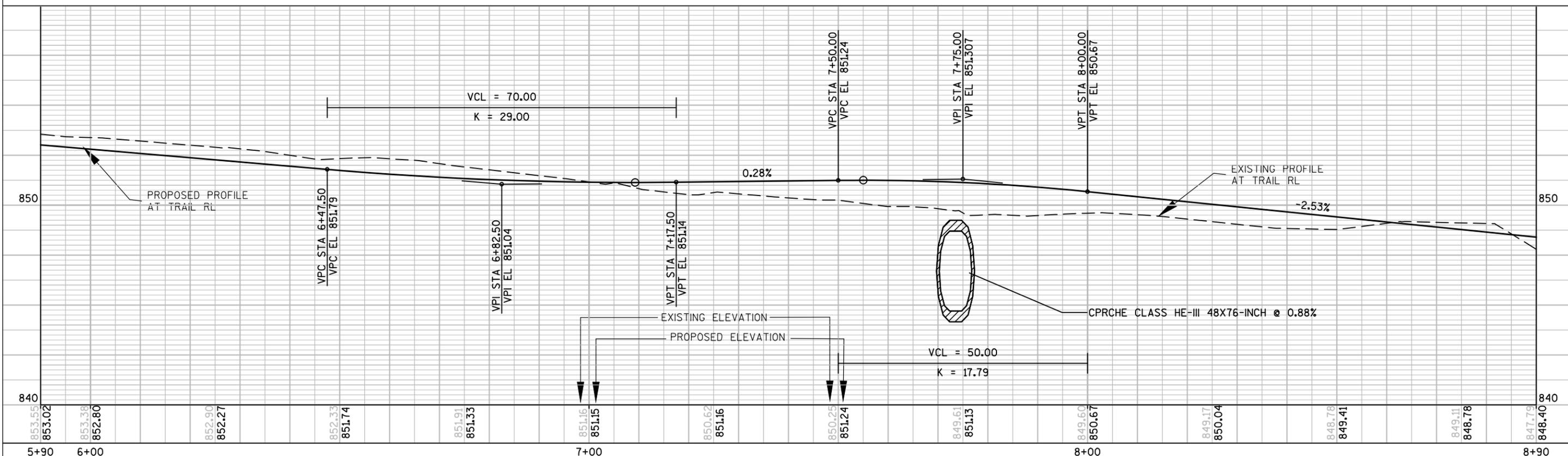
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JAA	TAL	JLH	Sheet Number

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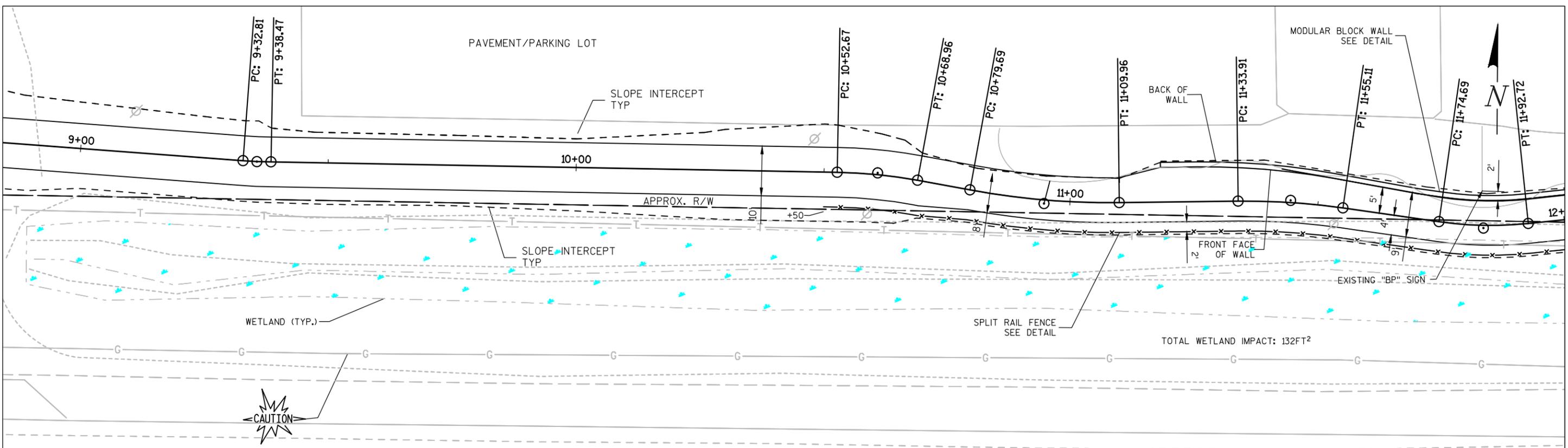
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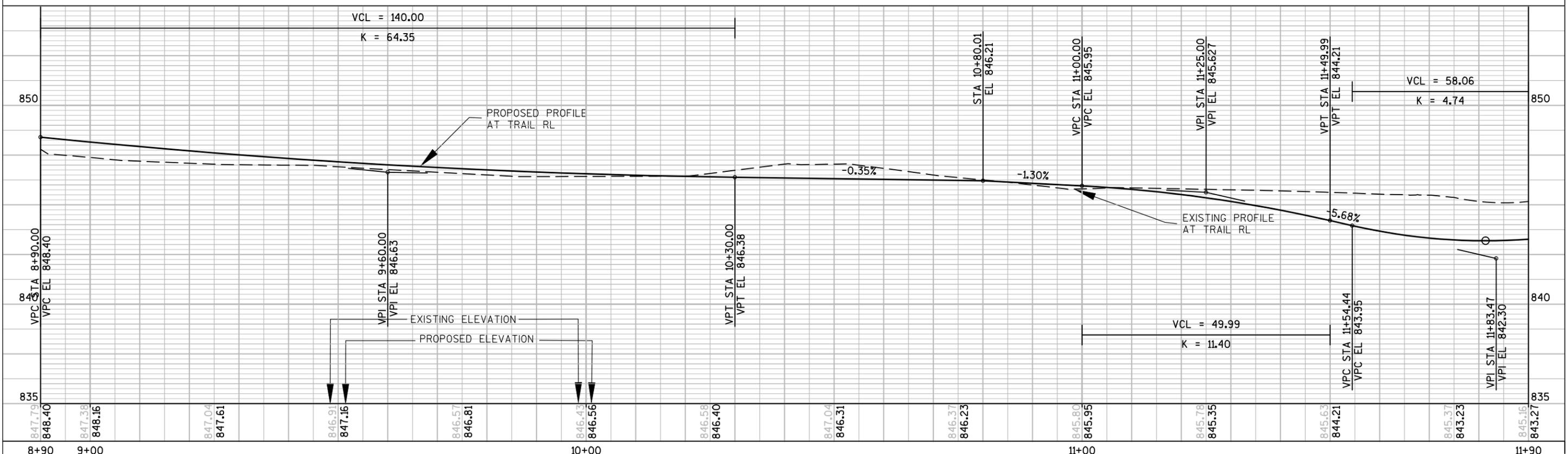
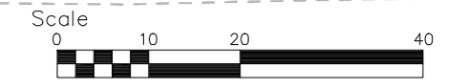
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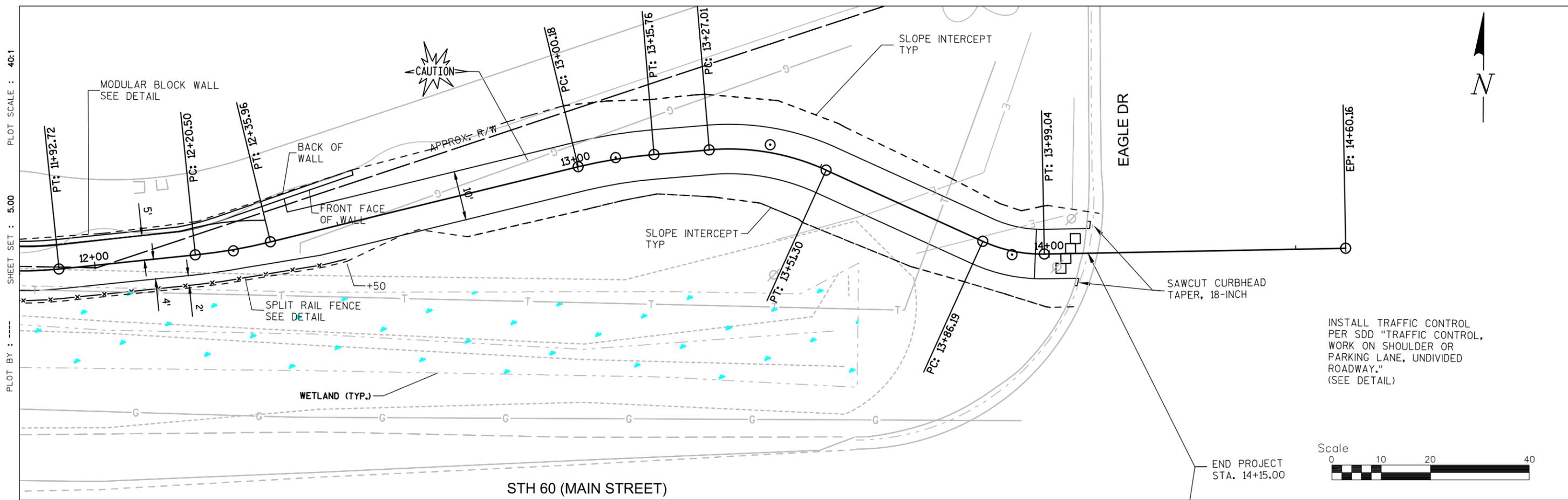
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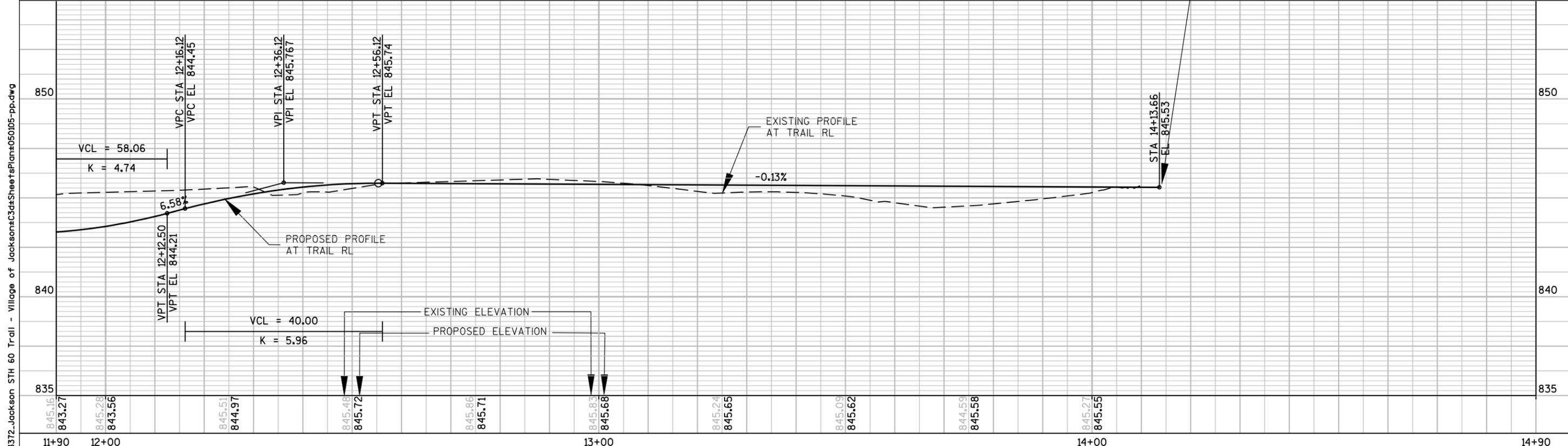
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INSTALL TRAFFIC CONTROL PER SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY." (SEE DETAIL)

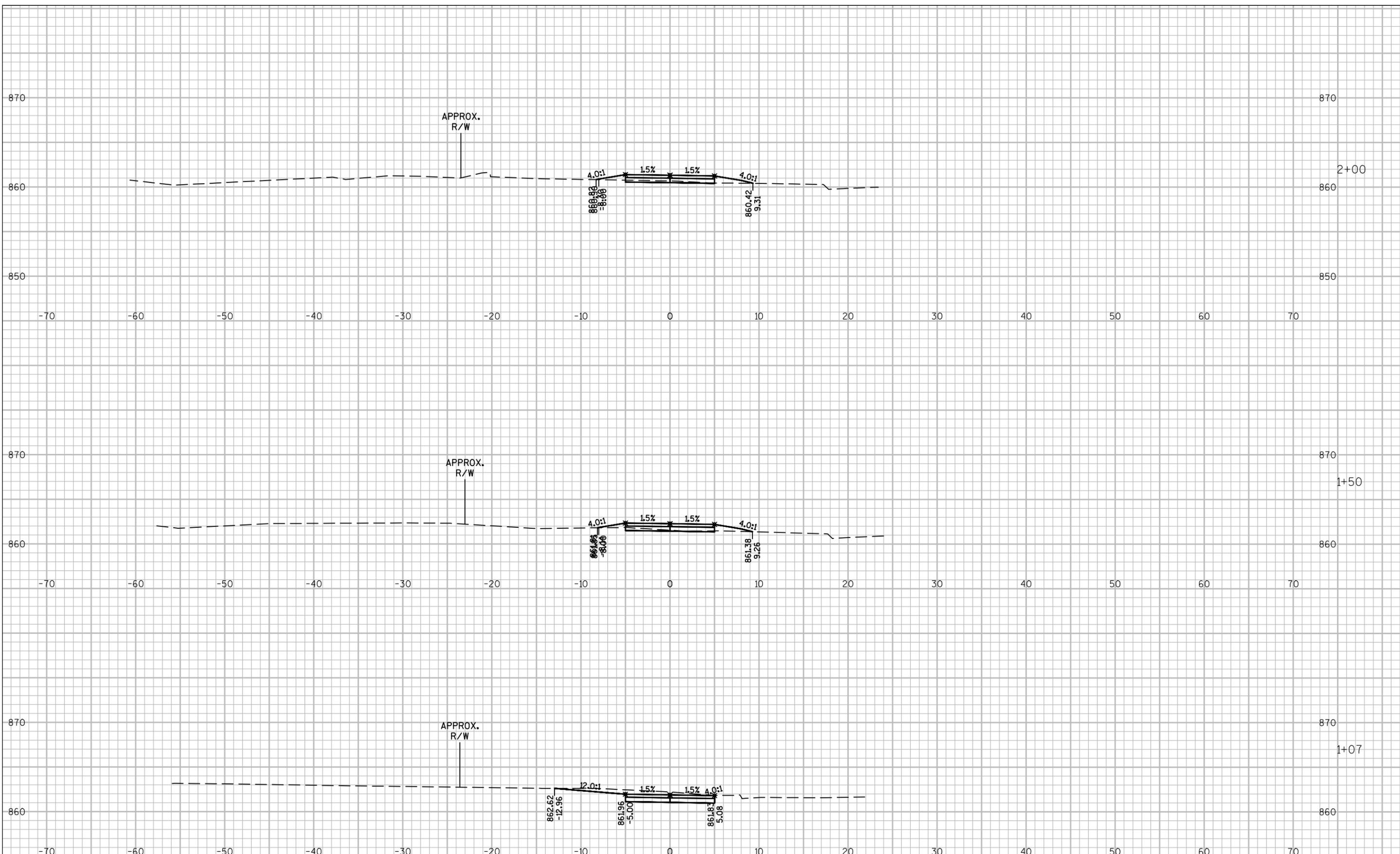


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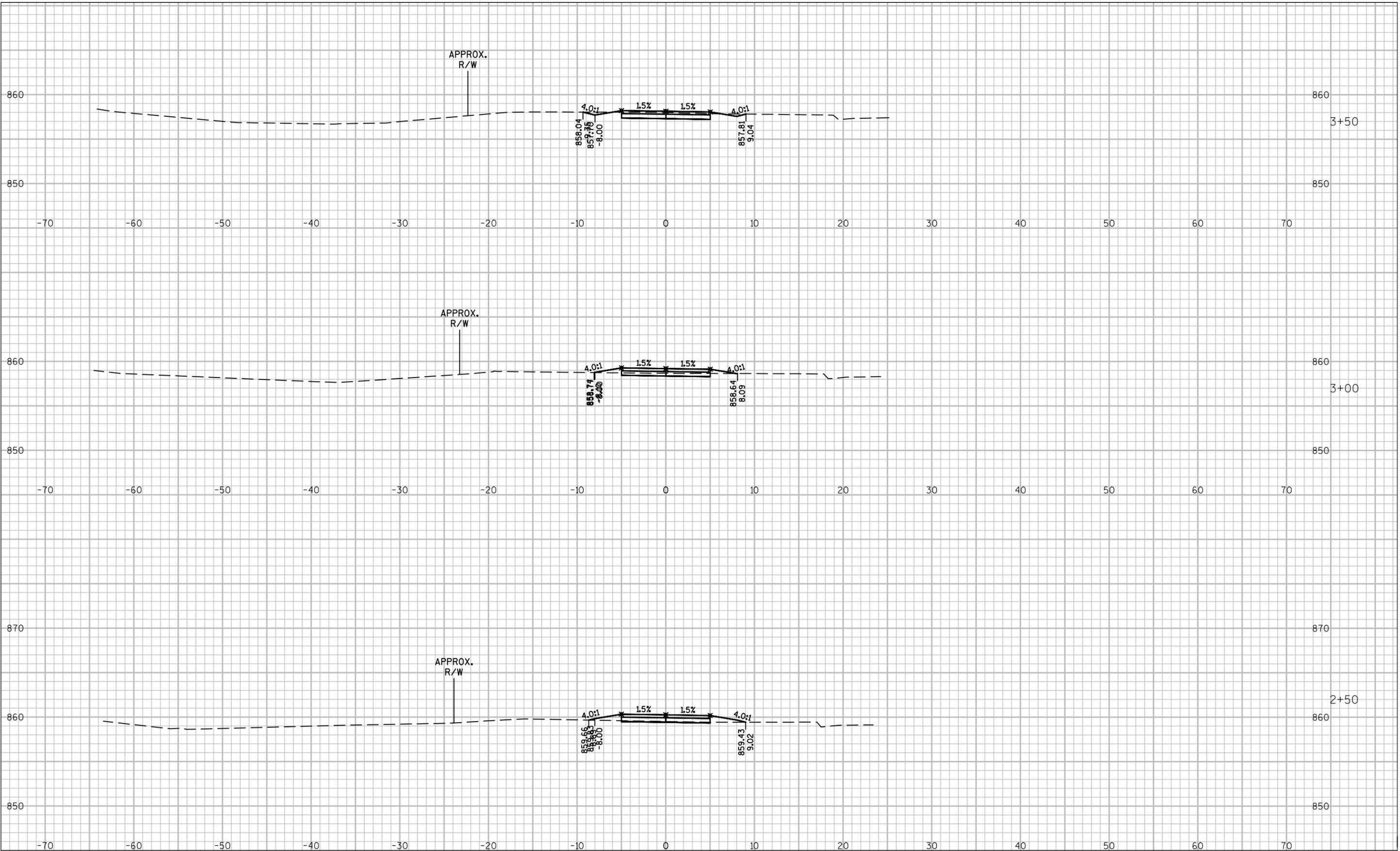


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Designer	Technician	Approval	7/7/15
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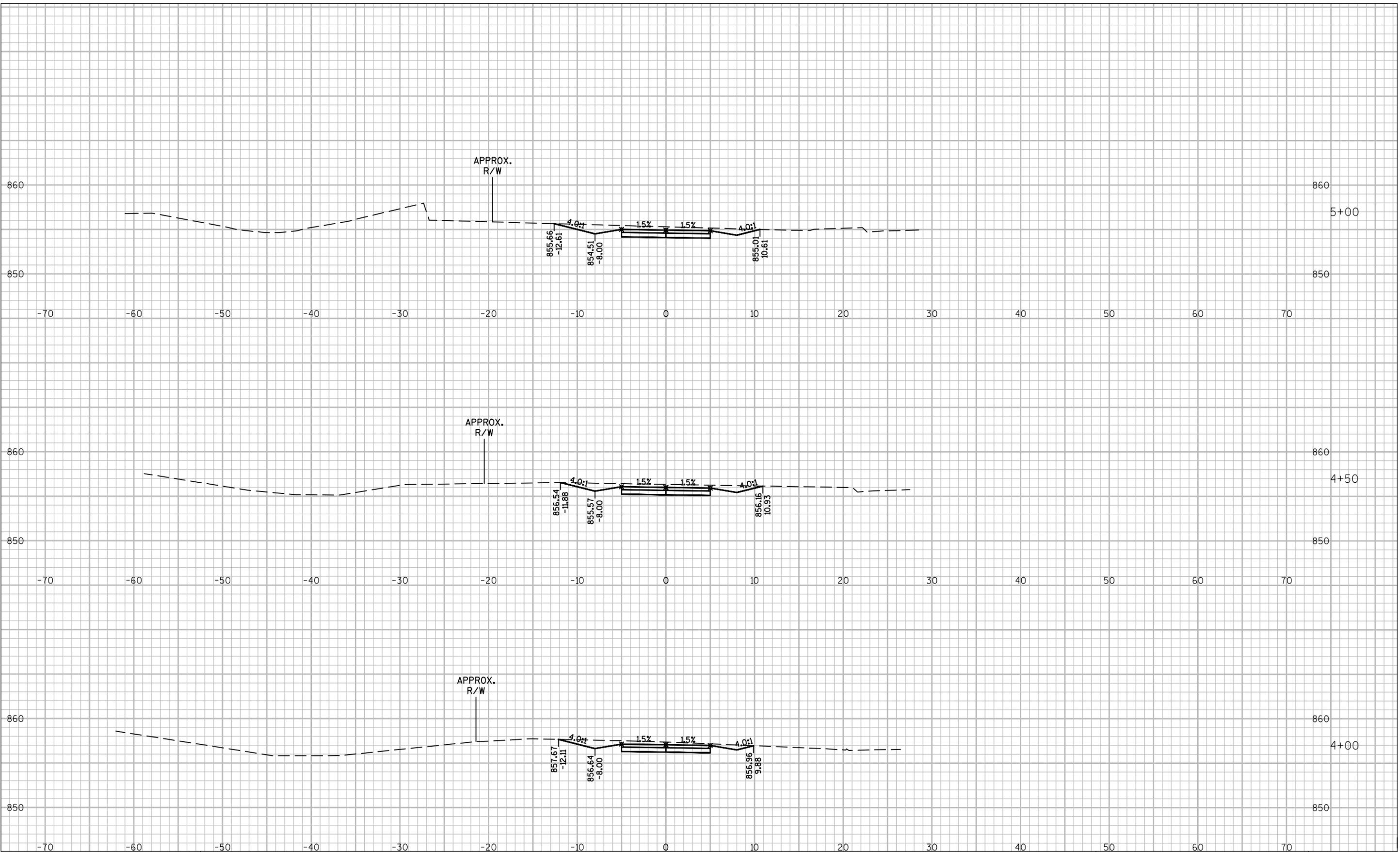
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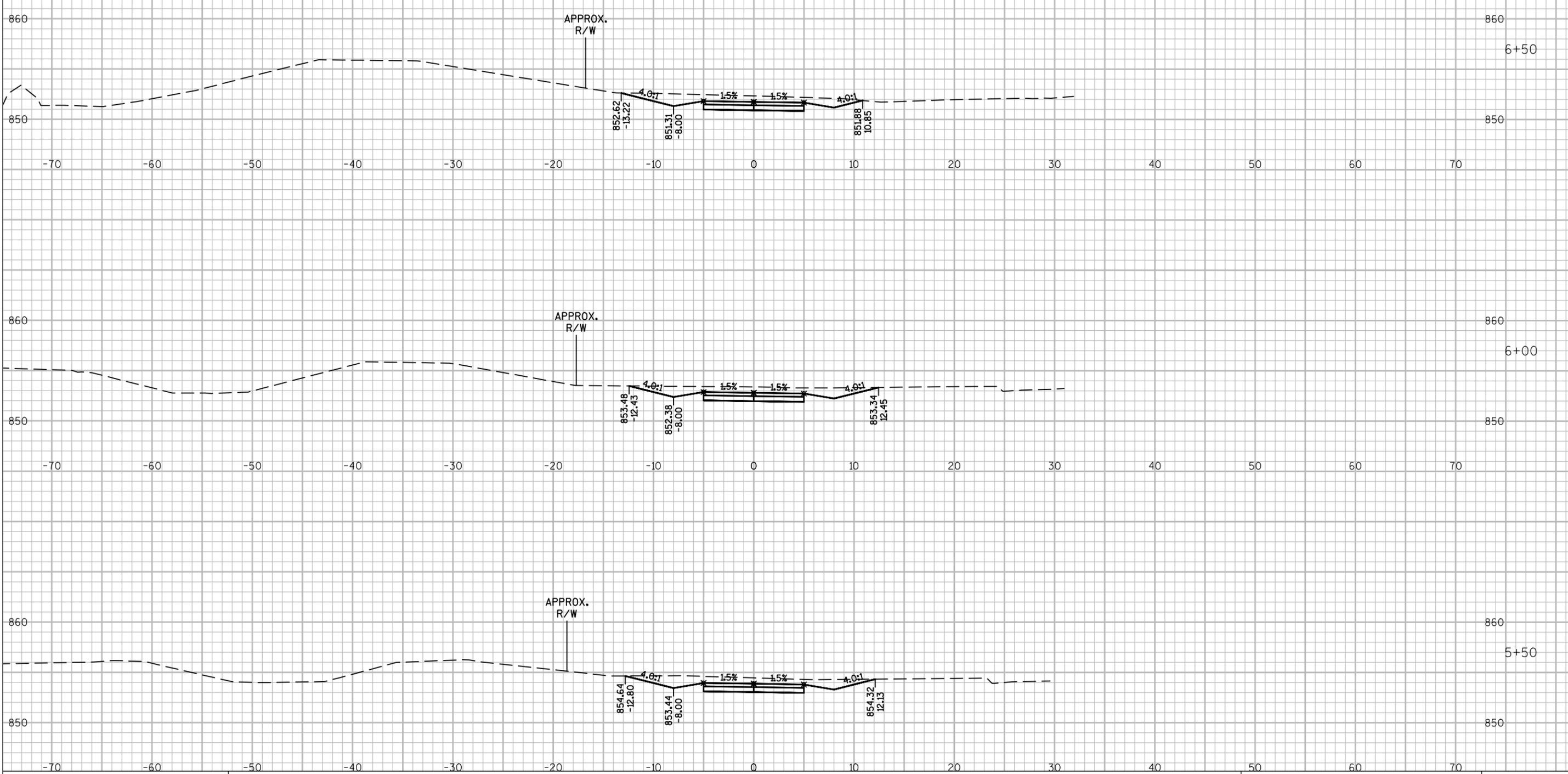
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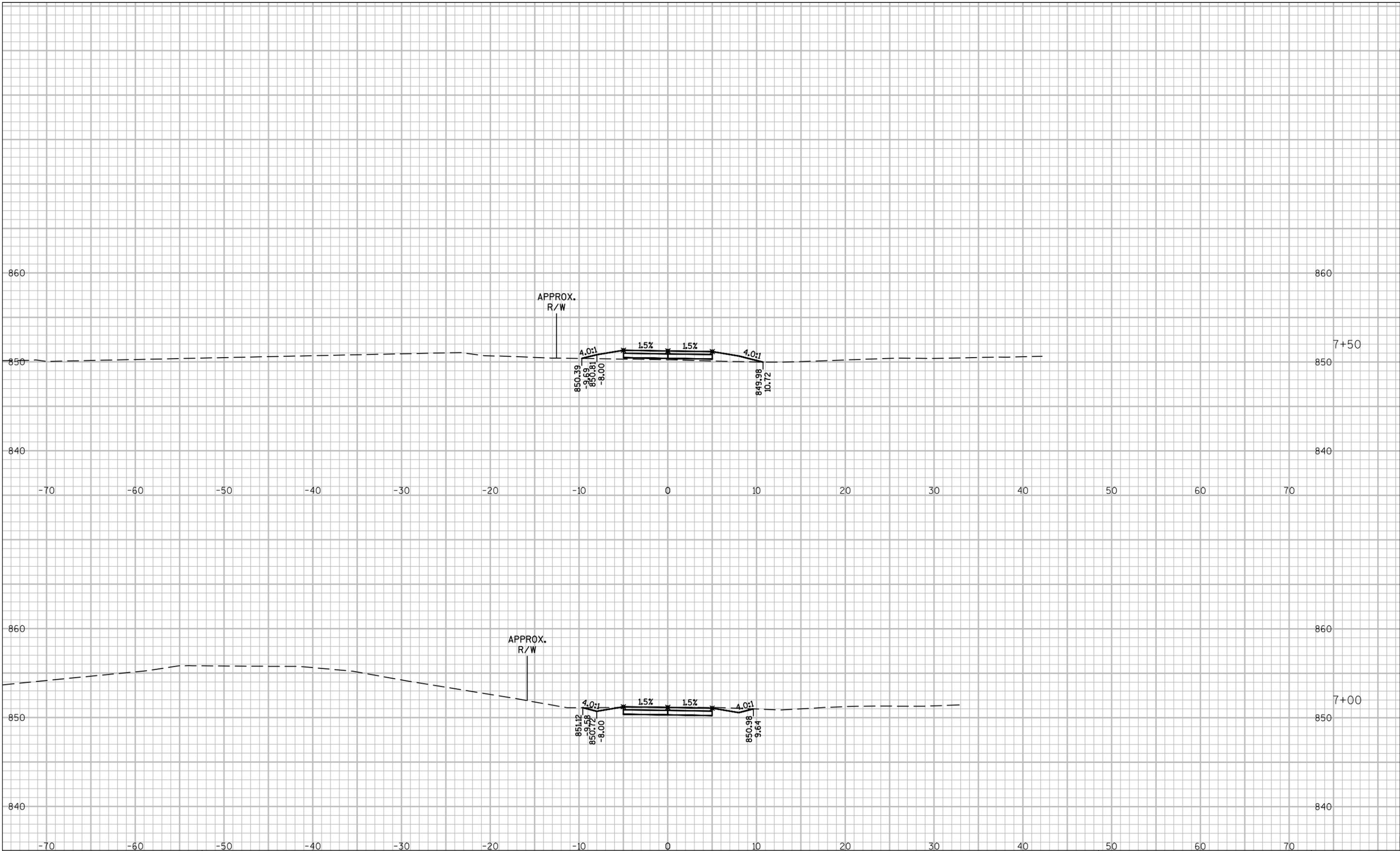
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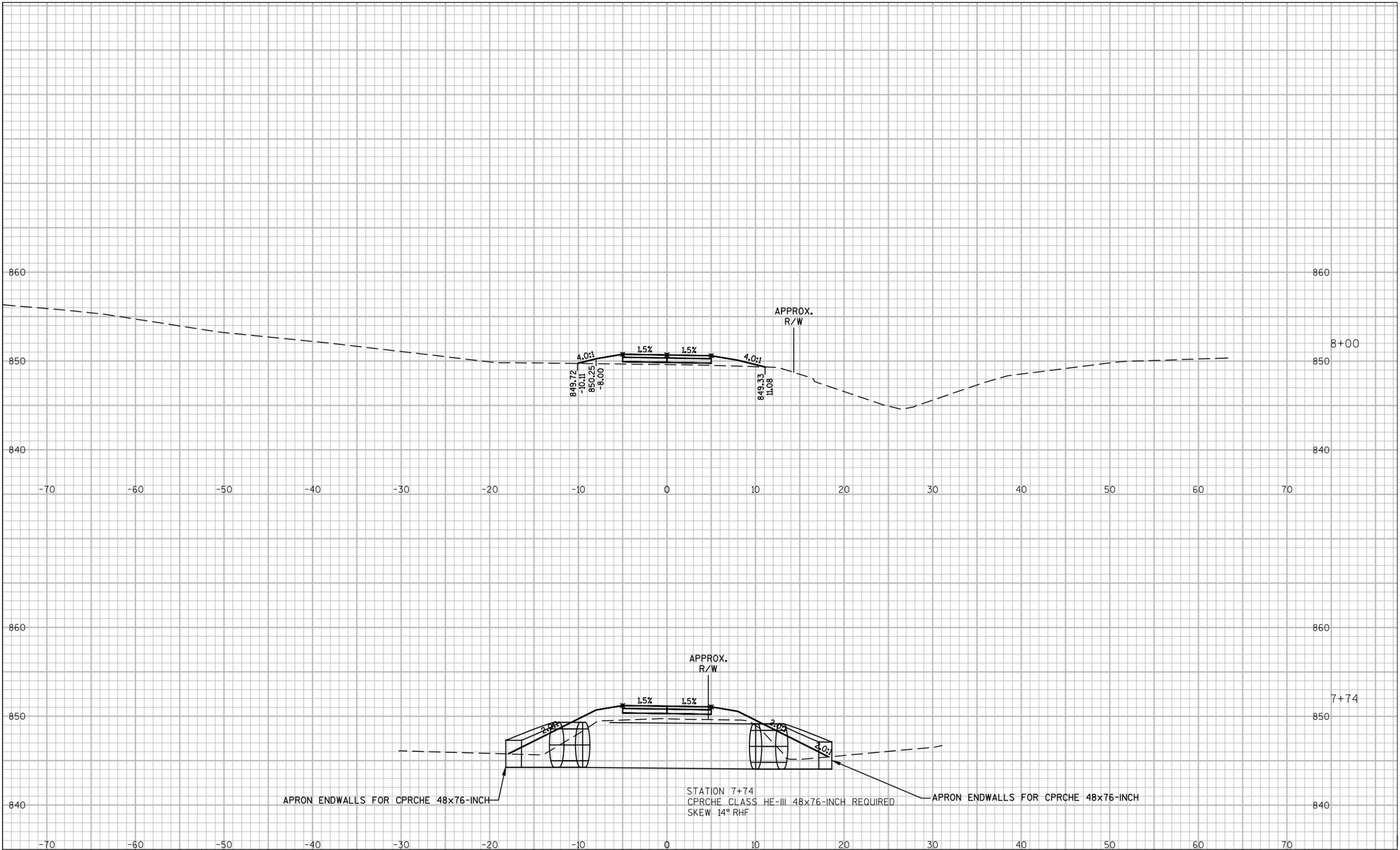


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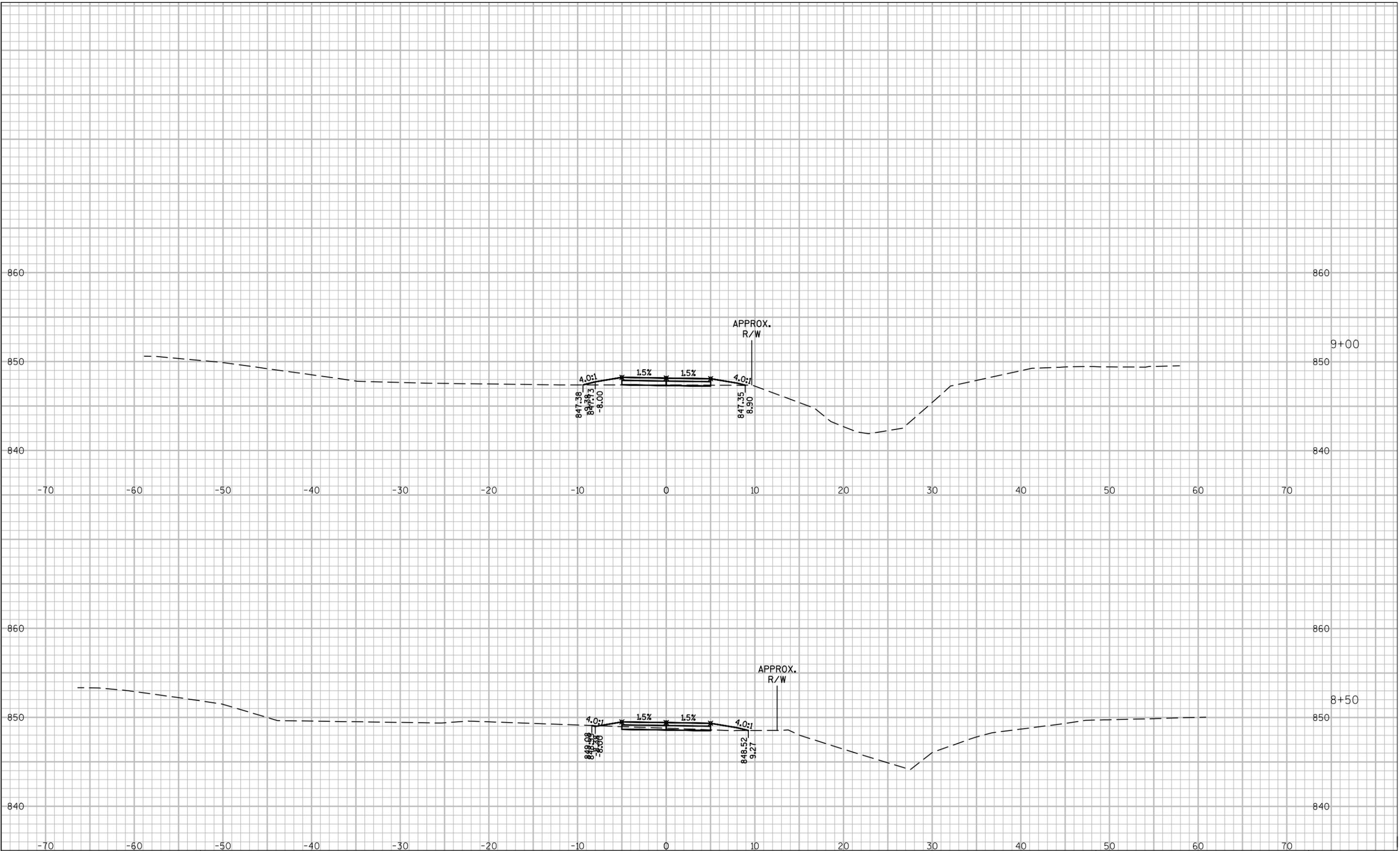
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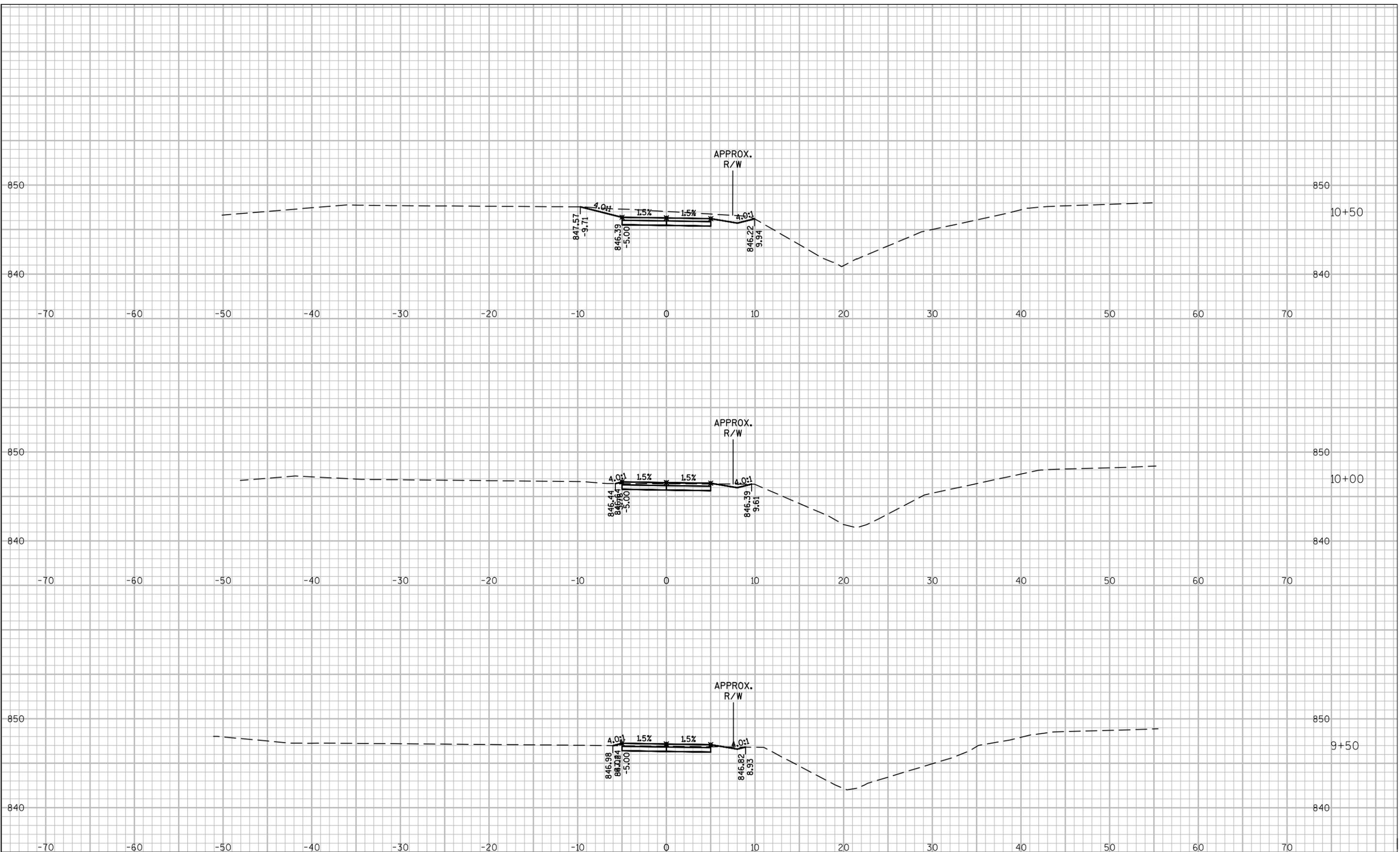
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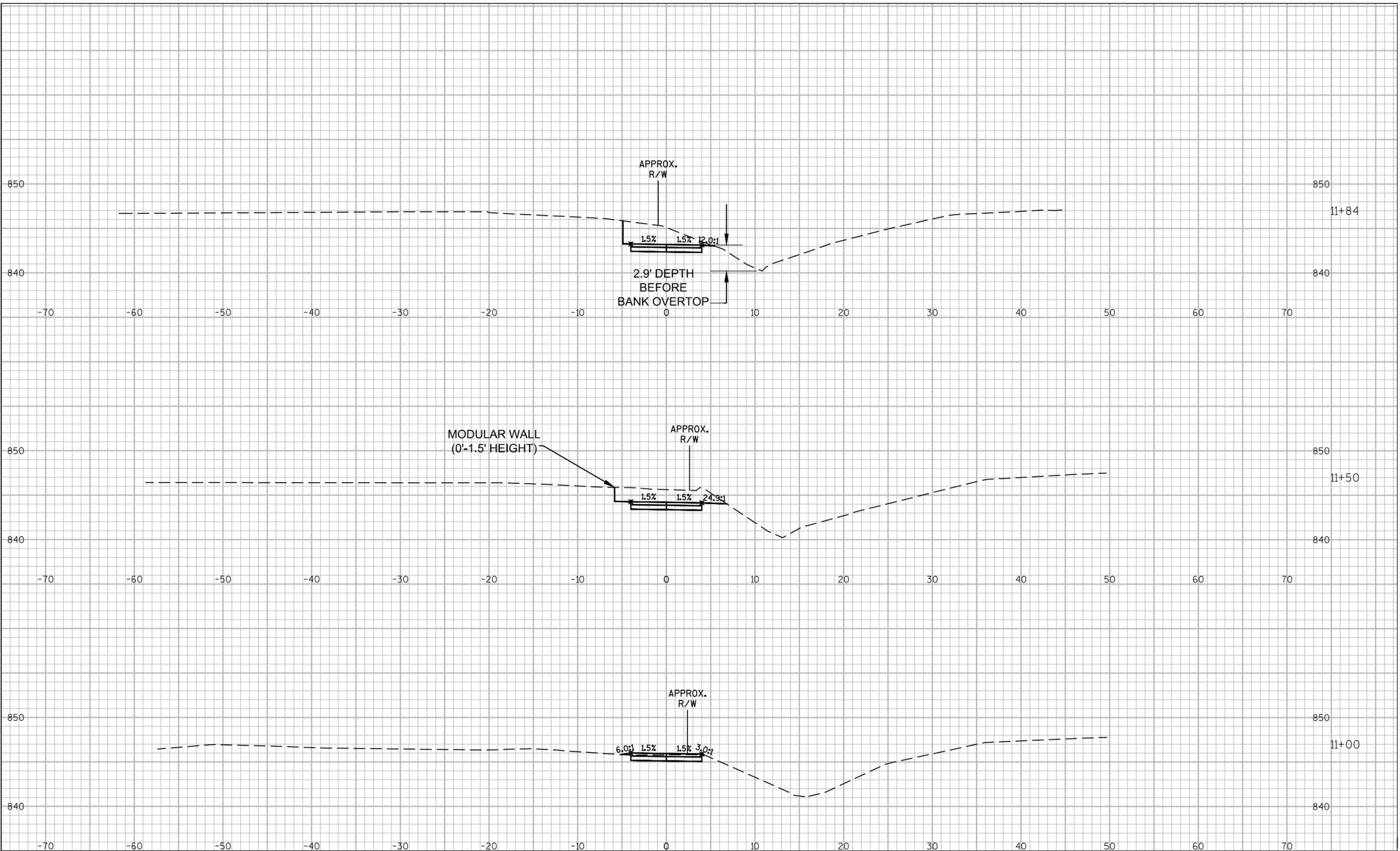
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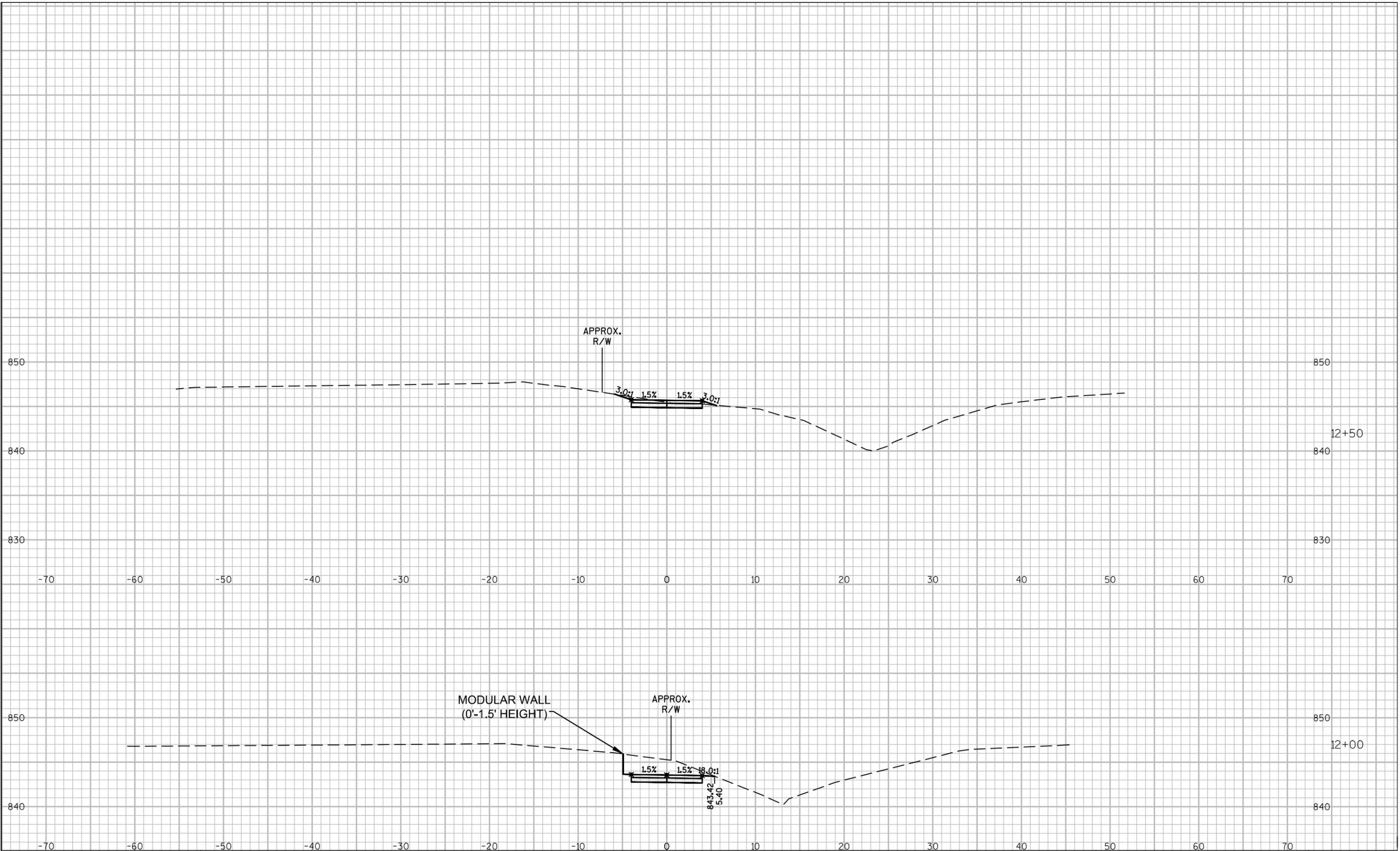
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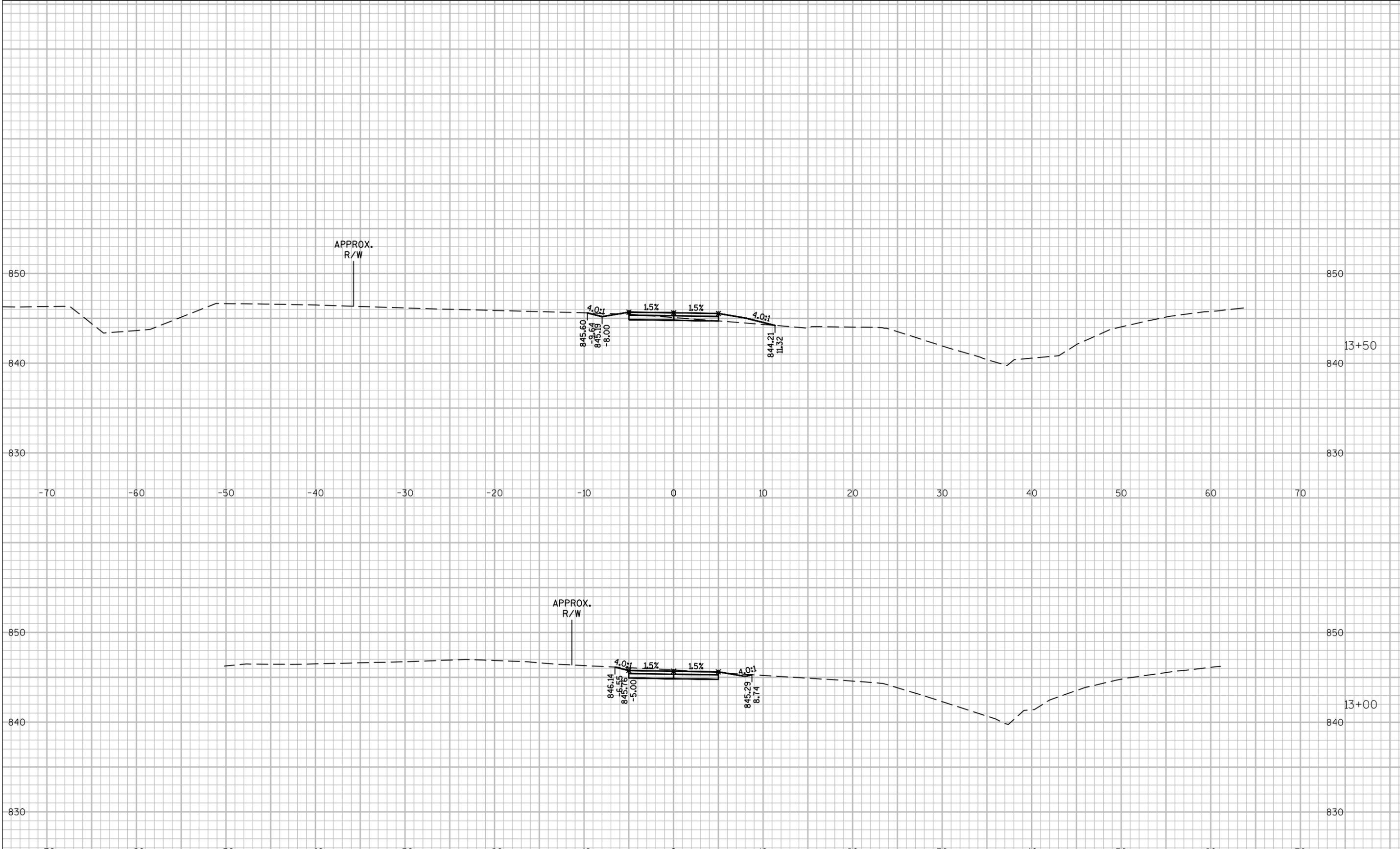
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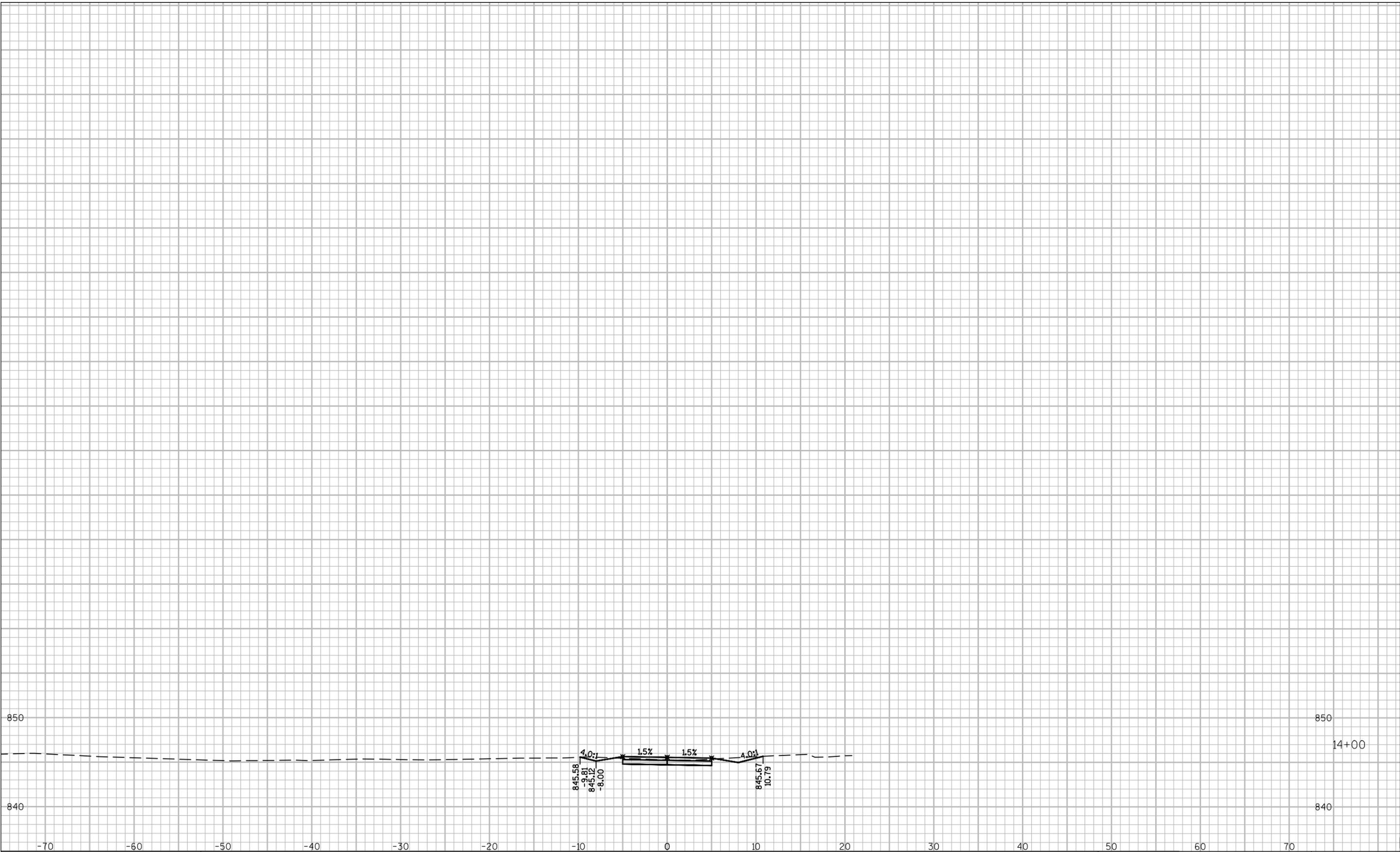


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# Project Manual

Stonewall Connection Trail

Ridgeway Rd to Eagle Dr

Village of Jackson

July 6, 2015

Bloom Project Number: BM1-3372



PROFESSIONAL CERTIFICATIONS



I hereby certify that this report, drawing, or specification was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the State of Wisconsin.

A handwritten signature in blue ink, appearing to read "Jeremy L. Hinds", written over a horizontal line.

Jeremy L. Hinds, P.E.

Date: June 29, 2015

Reg. No. E-38775

END OF DOCUMENT

DOCUMENT 00010

TABLE OF CONTENTS

STONEWALL CONNECTION TRAIL

RIDGEWAY RD TO EAGLE DR

FILE NO. BM1-3372

VILLAGE OF JACKSON, WISCONSIN

JULY 2015

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00200 Instructions to Bidders  
00300 Information to Bidders  
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    WDNR NOI permit  
    WDNR Wetland Fill Permit  
    WDNR Culvert Permit  
    WisDOT Permit (work within R/W)  
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**Contracting Requirements**

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00600 Bonds and Certificates  
00700 EJCDC C-700 Standard General Conditions of the Construction Contract  
00800 Supplementary Conditions

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01100 Summary  
01200 Price and Payment Procedures  
01310 Project Management and Coordination  
01330 Submittal Procedures  
01400 Quality Requirements  
01500 Temporary Facilities and Controls  
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01600 Product Requirements

01700 Execution Requirements

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02280 Adjust Miscellaneous Structures  
02300 Earthwork  
02371 Riprap and Geotextile Fabric  
02452 Signage  
02630 Culverts  
02720 Aggregate Base Course  
02740 Asphaltic Surface and Pavement Markings  
02750 Concrete  
02920 Restoration  
03001 Wall Modular Block Gravity  
03002 Rail Fence  
03003 WDNR Sign

END OF DOCUMENT

INVITATION TO BID

**STONEWALL CONNECTION TRAIL  
FOR THE  
VILLAGE OF JACKSON, WISCONSIN**

OWNER: The Village of Jackson, Wisconsin, hereby gives notice that sealed unit price Bids will be received for the construction of approximately 1,300 linear feet (LF) of a shared use path.

The work consists of the following approximate quantities:

600	CY	Earthwork
530	Tons	Base Aggregate Dense 1 ¼ - inch
340	Tons	HMA Pavement Type E-0.3
300	SF	Concrete sidewalk 4-inch
46	LF	48x76-inch CIRC-HE Pipe and Aprons

Together with restoration, erosion control and other related work.

The project could have bid items removed from the contract at the discretion of the Village of Jackson. The trimming of the contract would be considered if bids exceed budget by a large amount. Bid items removed would be handled or installed by village forces. The bids shall be prepared with that in mind; unit prices will not be adjusted.

The Village of Jackson intends to award the work at the August 11, 2015 Village Board Meeting with the Notice to Proceed issued and work commencing thereafter. The Work shall be completed by October 15, 2015.

All Work is included in a single prime contract.

**TIME AND PLACE OF BID OPENING:** Sealed Bids will be received until 10:00 a.m. Local Time on the 21<sup>st</sup> day of July, 2015, in the office of the Village Clerk, Jackson Village Hall, N168 W20733 Main Street, Jackson, Wisconsin. After the Official Bid closing time, the Bids will be publicly opened and read aloud.

**PRE-BID MEETING:** No pre-bid meeting for the project will be held prior to bid opening. The project area is open to the public and it is recommended to visit the project area prior to bidding. No provisions will be made for failure to account for site conditions in the bid.

**BIDDING DOCUMENTS:** Plans and specifications will be available on July 7, 2015. The Bidding Documents will be made available electronically (Adobe PDF format) at no charge by contacting the Engineer, Bloom Companies, LLC, 10501 W. Research Drive, Suite 100, Milwaukee, Wisconsin 53226, Attention: Jeremy Hinds (414) 292-4552, fax: 414-771-4490 or [jhinds@bloomcos.com](mailto:jhinds@bloomcos.com). Requests may be via FAX or e-mail. Requests shall include street address, phone and fax numbers, as well as a contact name and e-mail address for delivery of documents.

Hard copies of the Bidding Documents may be obtained from the Village of Jackson Department of Public Works, Monday through Friday between the hours of 9:00 A.M. and 5:30 P.M. Plans can also be obtained from the Bloom Companies office, Monday through Friday between the hours of 8:00 A.M. and 5:00 P.M. A \$25 non-refundable fee shall be charged per set of Plans and Specifications. Any Bidder desiring plans and specifications by mail shall submit a check for \$35.00 covering handling and mailing charges. This money will not be returned.

**LEGAL PROVISIONS:** The contract letting shall be subject to the Sections 61.54, 61.55, 66.0901, and 66.0903 of the Wisconsin Statutes.

**WAGE RATES:** CONTRACTOR'S shall be required to pay not less than the prevailing wage rates on the Project as established by the Wisconsin Department of Workforce Development. Copies of these wage rates are incorporated in the Contract Documents.

**BID SECURITY:** Bid Security in the amount of not less than 5 percent of the Bid shall accompany each Bid in accordance with the Instructions to Bidders. Bid Security shall be in the form of a Bond or Certified Check payable to Village of Jackson.

**PAYMENTS TO CONTRACTOR:** Payments will be made monthly by the Village of Jackson in cash, based on accepted and tested work accomplished during the previous month, less an amount of retainage as allowed by Wisconsin Statutes.

**CONTRACT SECURITY:** The Bidder to whom a Contract is awarded shall furnish a Performance Bond and a Payment Bond each in an amount equal to the Contract Price. If the successful bidder fails to execute the contract and furnish payment and performance bonds within 15 days after the award, the Bid Bond shall be forfeited to the Village of Jackson as liquidated damages.

**BID REJECTION/ACCEPTANCE:** OWNER reserves the right to reject any and all Bids, waive informalities in bidding or to accept the Bid or Bids, which best serve the interests of OWNER.

**BID WITHDRAWAL:** No Bid shall be withdrawn for a period of 90 days after the opening of Bids without consent of OWNER.

Published by authority of the Village of Jackson, Wisconsin.

By: Brian W. Kober, P.E., Director of Public Works/Village Engineer

Bloom Companies, LLC  
Milwaukee, Wisconsin

Publish in West bend News: July 7, 2015  
July 14, 2015

DOCUMENT 00200

INSTRUCTIONS TO BIDDERS

ARTICLE 1 – DEFINED TERMS

- 1.01 Terms used in these Instructions to Bidders have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:
- A. Issuing Office: The office from which the Bidding Documents are to be issued and where the Bidding procedures are to be administered.

ARTICLE 2 – COPIES OF BIDDING DOCUMENTS

- 2.01 Complete sets of the Bidding Documents in the number and for the non-refundable sum stated in the Advertisement for Bids may be obtained from the Issuing Office.
- 2.02 Complete sets of Bidding Documents shall be used in preparing Bids; neither Owner nor Engineer/Architect assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 2.03 Owner and Engineer/Architect in making copies of Bidding Documents available on the above terms, do so only for the purpose of obtaining Bids for the work and do not confer a license or grant for any other use.

ARTICLE 3 – EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND PROJECT SITE

- 3.01 Underground Facilities
- A. Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Project Site is based upon information and data furnished to Owner and Engineer/Architect by owners of such Underground Facilities, including Owner or others.
- 3.02 Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions, other physical conditions, Underground Facilities, and possible changes in the Bidding Documents due to differing or unanticipated conditions appear in the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Project Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the

Project Site which was not shown or indicated in the Drawings or Specifications, or identified in the Contract Documents to be within the scope of the work appear in Paragraph 3.06 of the General Conditions.

- 3.03 On request, Owner will provide Bidder access to the Project Site to conduct such examinations, investigations, explorations, tests, and studies as Bidder deems necessary for submission of a Bid. Bidder shall fill all holes, and clean up and restore the Project Site to its former condition upon completion of such explorations, investigations, tests, and studies. Bidder shall comply with all applicable Laws and Regulations relative to excavation and utility locates.
- 3.04 Reference is made to Article 7 of the Supplementary Conditions for the identification of the general nature of other work that is to be performed at the Project Site by Owner or others (such as utilities and other prime contractors) that relates to the work contemplated by these Bidding Documents. On request, Owner will provide to each Bidder for examination access to or copies of contract documents (other than portions thereof related to price) for such other work.
- 3.05 It is the responsibility of each Bidder before submitting a Bid to:
- A. Examine and carefully study the Bidding Documents, the other related data identified in the Bidding Documents, and any Addenda;
  - B. Visit the Project Site and become familiar with and satisfy Bidder as to the general, local, and Project Site conditions that may affect cost, progress, and performance of the work;
  - C. Become familiar with and satisfy Bidder as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the work;
  - D. Obtain and carefully study (or accept consequences of not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Project Site which may affect cost, progress, or performance of the work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, safety precautions, and programs incident thereto;
  - E. Agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the work at the Price(s) Bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;

- F. Become aware of the general nature of the work to be performed by Owner and others at the Project Site that relates to the work as indicated in the Bidding Documents;
  - G. Correlate the information known to Bidder, information and observations obtained from visits to the Project Site, reports and drawings identified in the Bidding Documents, all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
  - H. Promptly give Engineer/Architect written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer/Architect is acceptable to Bidder; and
  - I. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the work.
- 3.06 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 3, that without exception the Bid is premised upon performing and furnishing the work required by the Bidding Documents, and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder has given Engineer/Architect written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions thereof by Engineer/Architect are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the work.

#### ARTICLE 4 – PRE-BID CONFERENCE

- 4.01 There will be no Pre-Bid conference.

#### ARTICLE 5 – SITE AND OTHER AREAS

- 5.01 The Project Site is identified in the Bidding Documents. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by Owner, unless otherwise provided in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the work are to be obtained and paid for by Contractor.

#### ARTICLE 6 – INTERPRETATIONS AND ADDENDA

- 6.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer/Architect in writing. Interpretations or clarifications considered necessary by

Engineer/Architect in response to such questions will be issued by Addenda mailed or faxed to all parties recorded by Engineer/Architect as having received the Bidding Documents. Questions received less than 10 days prior to the date for Opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

- 6.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Owner or Engineer/Architect.

## ARTICLE 7 – BID SECURITY

- 7.01 A Bid must be accompanied by Bid Security made payable to Owner in an amount of 5 percent of Bidder’s Total Bid Price and in the form of a certified check or bank money order, or a Bid Bond issued by a surety meeting the requirements of the General Conditions.

7.02 The Bid Security of the successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required Contract Security, and met the other conditions of the Notice of Award, whereupon the Bid Security will be returned. If the successful Bidder fails to execute and deliver the Contract Documents and furnish the required Contract Security within 15 days after the Notice of Award, Owner may annul the Notice of Award and the Bid Security of that Bidder will be forfeited. The Bid Security of other Bidders whom Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of 7 days after the Effective Date of the Agreement or 61 days after the Bid Opening, whereupon Bid Security furnished by such Bidders will be returned.

7.03 Bid Security of other Bidders whom Owner believes do not have a reasonable chance of receiving the award will be returned within 7 days after the Bid Opening.

## ARTICLE 8 – CONTRACT TIMES

- 8.01 The number of days within which or the dates by which Milestones are to be achieved and the work is to be Substantially Completed and ready for Final Payment are set forth in the Agreement.

## ARTICLE 9 – LIQUIDATED DAMAGES

- 9.01 Provisions for liquidated damages, if any, are set forth in the Agreement.

## ARTICLE 10 – SUBSTITUTE AND “OR-EQUAL” ITEMS

- 10.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of possible substitute or “or-

equal” items. Whenever it is specified or described in the Bidding Documents that a substitute or “or-equal” item of material or equipment may be furnished or used by Contractor if acceptable to Engineer/Architect, application for such acceptance will not be considered by Engineer/Architect until after the Effective Date of the Agreement.

## ARTICLE 11 – SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 11.01 If the Supplementary Conditions require the identity of certain subcontractors, suppliers, individuals, or entities to be submitted to Owner in advance of a specified date prior to the Effective Date of the Agreement, the apparent successful Bidder and any other Bidder so requested shall within 5 days after Bid Opening, submit to Owner a list of all such subcontractors, suppliers, individuals, or entities proposed for those portions of the work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such subcontractor, supplier, individual, or entity if requested by Owner. If Owner or Engineer/Architect after due investigation has reasonable objection to any proposed subcontractor, supplier, individual, or entity, Owner may before the Notice of Award is given request apparent successful Bidder to submit a substitute in which case apparent successful Bidder shall submit an acceptable substitute, Bidder’s Bid Price will be increased (or decreased) by the difference in cost occasioned by such substitution and Owner may consider such price adjustment in evaluating Bids and making the Contract award.
- 11.02 If apparent successful Bidder declines to make any such substitution, Owner may award the Contract to the next lowest Bidder that proposes to use acceptable subcontractors, suppliers, individuals, or entities. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid Security of any Bidder. Any subcontractor, supplier, individual, or entity so listed and against which Owner or Engineer/Architect makes no written objection prior to the giving of the Notice of Award, will be deemed acceptable to Owner and Engineer/Architect subject to revocation of such acceptance after the Effective Date of the Agreement as provided in Paragraph 6.06 of the General Conditions.
- 11.03 Contractor shall not be required to employ any subcontractor, supplier, individual, or entity against whom Contractor has reasonable objection.

## ARTICLE 12 – PREPARATION OF BID

- 12.01 The Bid Form is included with the Bidding Documents. Additional copies may be obtained from Engineer/Architect.
- 12.02 All blanks on the Bid Form shall be completed by printing in ink or by typewriter and the Bid signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid Unit Price shall be indicated for each Bid Item listed therein.

- 12.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- 12.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown below the signature.
- 12.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm shall be shown below the signature.
- 12.06 A Bid by an individual shall show the Bidder's name and official address.
- 12.07 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid Form. The official address of the joint venture shall be shown below the signature.
- 12.08 All names shall be typed or printed in ink below the signatures.
- 12.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.
- 12.10 The address and telephone number for communications regarding the Bid shall be shown.
- 12.11 The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located or covenant to obtain such qualification prior to award of the Contract. Bidder's State Contractor License Number, if any, shall also be shown on the Bid Form.
- 12.12 Bidders shall indicate the Total Add or Deduct to the Total Base Bid for each Alternate provided on the Bid Form.
- 12.13 Bidders may list proposed Substitute Items on the spaces provided on the Bid Form. Bidders shall clearly indicate the item name, Specification Section Number, and the Total Deduct to the Total Base Bid for each Substitute Item proposed.
- 12.14 Bidders shall circle the name of the Base Bid Manufacturer they will provide if awarded the Contract. Bidders shall circle only 1 name for each item. If the Bidder fails to circle an item, the first item listed shall be provided.
- 12.15 Bidders shall identify the name of the company or subcontractor that will perform the listed portion of the work if the Bidder is awarded the Contract.

## ARTICLE 13 – BASIS OF BID; COMPARISON OF BIDS

### 13.01 Bid Unit Price

- A. Bidders shall submit a Bid on a Bid Unit Price Basis for each Bid Item of work listed in the Bid Form.
- B. The total of all estimated prices will be the sum of the products of the estimated quantity of each Bid Item and the corresponding Bid Unit Price. The final quantities and Contract Price will be determined in accordance with Paragraph 11.03 of the General Conditions.
- C. Discrepancies between the multiplication of units of work and Bid Unit Prices will be resolved in favor of the Bid Unit Prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between words and figures will be resolved in favor of the words.
- D. Bids will be compared on the basis of the “Total Base Bid” and this amount will be the basis for determining the lowest Bidder.

13.02 The Bid Price shall include such amounts as the Bidder deems proper for overhead and profit on account of cash allowances, if any, named in the Contract Documents and as provided in the General Conditions.

## ARTICLE 14 – SUBMITTAL OF BID

14.01 With each copy of the Bidding Documents, a Bidder is furnished 1 separate unbound copy of the Bid Form, and, if required, the Bid Bond Form. The unbound copy of the Bid Form is to be completed and submitted with the Bid Security.

14.02 A Bid shall be submitted no later than the date and time prescribed and at the place indicated in the Advertisement for Bids and shall be enclosed in an opaque sealed envelope plainly marked with the Project Title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid Security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate envelope plainly marked on the outside with the notation “BID ENCLOSED.” A mailed Bid shall be addressed to Owner’s office.

## ARTICLE 15 – MODIFICATION AND WITHDRAWAL OF BID

15.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the Opening of Bids.

15.02 Bids may be withdrawn after Bid Opening only in accordance with the law.

#### ARTICLE 16 – OPENING OF BIDS

16.01 Bids will be opened at the time and place indicated in the Advertisement for Bids and, unless obviously non-responsive, read aloud publicly. A Bid Tabulation of the amounts of the Base Bids and major Alternates, if any, will be made available to Bidders after the Opening of Bids.

#### ARTICLE 17 – BIDS TO REMAIN SUBJECT TO ACCEPTANCE

17.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Owner may, in its sole discretion, release any Bid and return the Bid Security prior to the end of this period.

#### ARTICLE 18 – EVALUATION OF BIDS AND AWARD OF CONTRACT

18.01 If the Contract is awarded, award will be made on the basis of the lowest responsive, responsible, qualified Bidder determined by the Total Base Bid.

18.02 Owner reserves the right to reject any or all Bids, including without limitation nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner further reserves the right to reject the Bid of any Bidder whom it finds after reasonable inquiry and evaluation to not be responsible. Owner may also reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the Project to make an award to that Bidder. Owner also reserves the right to waive all informalities not involving price, time, or changes in the work and to negotiate Contract terms with the successful Bidder.

18.03 More than 1 Bid for the same work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than 1 Bid for the work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.

18.04 In evaluating Bids, Owner will consider whether or not the Bids comply with the prescribed requirements and such Alternates, Bid Unit Prices, and other data as may be requested in the Bid Form or prior to the Notice of Award.

18.05 In evaluating Bidders, Owner will consider the qualifications of Bidders and may consider the qualifications and experience of subcontractors, suppliers, other individuals, or entities proposed for those portions of the work for which the identity of subcontractors, suppliers, other individuals, or entities must be submitted as provided in the Supplementary Conditions.

18.06 Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed subcontractors, suppliers, individuals, or entities to perform the work in accordance with the Contract Documents. As a condition of its Bid, Bidder is required to waive any and all claims of whatever nature against Owner, Engineer/Architect, and their employees and agents which arise out of or relate to such investigations and statements made as a result thereof, except for statements that can be shown by clear and convincing evidence to be intentionally false and made with actual malice. This waiver is not intended to restrict Bidder's rights to challenge a Contract award pursuant to law.

18.07 If the Contract is to be awarded, Owner will award the Contract to the Bidder whose Bid is in the best interests of the Project.

#### ARTICLE 19 – CONTRACT SECURITY AND INSURANCE

19.01 Bonds and Insurance as stated in the General Conditions, as may be modified by the Supplementary Conditions, sets forth Owner's requirements as to Performance and Payment Bonds and Insurance. When the successful Bidder delivers the executed Agreement to Owner, it shall be accompanied by such bonds.

#### ARTICLE 20 – SIGNING OF AGREEMENT

20.01 When Owner gives a Notice of Award to the successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents which are identified in the Agreement as attached thereto. Within 15 days thereafter, successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to Owner. Within 10 days thereafter, Owner shall deliver 2 fully signed counterparts to successful Bidder with a complete set of the Drawings with appropriate identification.

END OF DOCUMENT

DOCUMENT 00300

INFORMATION AVAILABLE TO BIDDERS

The Technical Data is identified in the Supplementary Conditions. Bidders are responsible for their own interpretation, verification, and use of the drawings consistent with the General Conditions and Supplementary Conditions.

List of documents being provided in this specification book are as follows:

- A. Wage Rates (ATTACHED)
- B. WDNR NOI permit - PENDING
- C. WDNR Wetland Fill Permit – PENDING
- D. WDNR Culvert Permit - PENDING
- E. WisDOT Permit (work within R/W) - PENDING

END OF DOCUMENT

State of Wisconsin Department of Workforce Development Equal Rights Division	<b>DEPARTMENTAL ORDER</b>
<b>ISSUE DATE:</b> 6/25/2015	
<b>PROJECT:</b>	
STONEWALL CONNECTION TRAIL JACKSON VILLAGE, WASHINGTON COUNTY, WI Determination No. 201502040	
<b>PROJECT OWNER:</b>	<b>REQUESTER:</b>
BRIAN KOBER PE, DIRECTOR OF PUBLIC WORK VILLAGE OF JACKSON N168 W20733 MAIN ST JACKSON, WI 53037	BRIAN KOBER PE, DIRECTOR OF PUBLIC WORK VILLAGE OF JACKSON N168 W20733 MAIN ST JACKSON, WI 53037
<b>ADDITIONAL CONTACT:</b>	<b>NOTE:</b> The Requester must provide a copy of this Project Determination and enclosures to the Project Owner and Additional Contact.
<p>The department received an application for prevailing wage rate determination for the above-captioned project. The department conducted a survey to determine the prevailing wage rate for the trade(s) or occupation(s) needed to complete the project. The survey's findings appear in the attached project determination.</p> <p>If you believe that the wage rate for any trade or occupation does not accurately reflect the prevailing wage rate in the city, village or town where the project is located, you may ask the department to conduct an administrative review of such wage rate. You must submit this request in writing within 30 days from the date indicated above. Additionally, your request must include wage rate information from at least three similar projects in the city, village or town where the proposed project is located and on which some work has been performed by the contested trade(s) during the current survey period and was previously considered by the department in issuing the attached determination. See DWD 290.10 of the Wisconsin Administrative Code and either s. 66.0903(3)(br), Stats., or s. 103.49(3)(c), Stats., for a complete explanation of the administrative review process.</p> <p>Enclosures</p>	
<p>It is hereby ordered that the prevailing wage rates set forth in the attached project determination shall only be applicable to the above referenced project. This order is a <b>FINAL ORDER</b> of the department unless a timely request for an administrative review is filed with the department.</p> <p><b>ISSUED BY:</b></p> <p style="text-align: center;">         Equal Rights Division          Labor Standards Bureau          Construction Wage Standards Section          P.O. Box 8928, Madison, WI 53708-8928          (608)266-6861       </p> <p style="text-align: center;">         Web Site: <a href="http://dwd.wisconsin.gov/er/">http://dwd.wisconsin.gov/er/</a> </p>	

## PREVAILING WAGE RATE DETERMINATION

Issued by the State of Wisconsin  
Department of Workforce Development  
Pursuant to s. 66.0903, Wis. Stats.  
Issued On: 6/25/2015

**DETERMINATION NUMBER:** 201502040

**EXPIRATION DATE:** Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2015. If NOT, You MUST Reapply.

**PROJECT NAME:** STONEWALL CONNECTION TRAIL

**PROJECT LOCATION:** JACKSON VILLAGE, WASHINGTON COUNTY, WI

**CONTRACTING AGENCY:** VILLAGE OF JACKSON

<b>CLASSIFICATION:</b>	Contractors are responsible for correctly classifying their workers. Either call the Department of Workforce Development (DWD) with trade or classification questions or consult DWD's Dictionary of Occupational Classifications & Work Descriptions on the DWD website at: <a href="http://dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm">dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm</a> .
<b>OVERTIME:</b>	<p>Time and one-half must be paid for all hours worked:</p> <ul style="list-style-type: none"><li>- over 10 hours per day on prevailing wage projects</li><li>- over 40 hours per calendar week</li><li>- Saturday and Sunday</li><li>- on all of the following holidays: January 1; the last Monday in May; July 4; the 1st Monday in September; the 4th Thursday in November; December 25;</li><li>- The day before if January 1, July 4 or December 25 falls on a Saturday;</li><li>- The day following if January 1, July 4 or December 25 falls on a Sunday.</li></ul> <p>Apply the time and one-half overtime calculation to whichever is higher between the Hourly Basic Rate listed on this project determination or the employee's regular hourly rate of pay. Add any applicable Premium or DOT Premium to the Hourly Basic Rate before calculating overtime.</p> <p>A DOT Premium (discussed below) may supersede this time and one-half requirement.</p>
<b>FUTURE INCREASE:</b>	When a specific trade or occupation requires a future increase, you MUST add the full hourly increase to the "TOTAL" on the effective date(s) indicated for the specific trade or occupation.
<b>PREMIUM PAY:</b>	If indicated for a specific trade or occupation, the full amount of such pay MUST be added to the "HOURLY BASIC RATE OF PAY" indicated for such trade or occupation, whenever such pay is applicable.
<b>DOT PREMIUM:</b>	This premium only applies to highway and bridge projects owned by the Wisconsin Department of Transportation and to the project type heading "Airport Pavement or State Highway Construction." DO NOT apply the premium calculation under any other project type on this determination.
<b>APPRENTICES:</b>	Pay apprentices a percentage of the applicable journey person's hourly basic rate of pay and hourly fringe benefit contributions specified in this determination. Obtain the appropriate percentage from each apprentice's contract or indenture.
<b>SUBJOURNEY:</b>	Subjourney wage rates may be available for some of the trades or occupations indicated below with the exception of laborers, truck drivers and heavy equipment operators. Any employer interested in using a subjourney classification on this project MUST complete Form ERD-10880 and request the applicable wage rate from the Department of Workforce Development PRIOR to using the subjourney worker on this project.

This document **MUST BE POSTED** by the **CONTRACTING AGENCY** in at least one conspicuous and easily accessible place **on the site of the project**. A local governmental unit may post this document at the place normally used to post public notices if there is no common site on the project. This document **MUST** remain posted during the entire time any worker is employed on the project and **MUST** be physically incorporated into the specifications and all contracts and subcontracts. If you have any questions, please write to the Equal Rights Division, Labor Standards Bureau, P.O. Box 8928, Madison, Wisconsin 53708 or call (608) 266-6861.

**The following statutory provisions apply to local governmental unit projects of public works and are set forth below pursuant to the requirements of s. 66.0903(8), Stats.**

**s. 66.0903 (1) (f) & s. 103.49 (1) (c) "PREVAILING HOURS OF LABOR"** for any trade or occupation in any area means 10 hours per day and 40 hours per week and may not include any hours worked on a Saturday or Sunday or on any of the following holidays:

1. January 1.
2. The last Monday in May.
3. July 4.
4. The first Monday in September.
5. The 4th Thursday in November.
6. December 25.
7. The day before if January 1, July 4 or December 25 falls on a Saturday.
8. The day following if January 1, July 4 or December 25 falls on a Sunday.

**s. 66.0903 (10) RECORDS; INSPECTION; ENFORCEMENT.**

(a) Each contractor, subcontractor, or contractor's or subcontractor's agent performing work on a project of public works that is subject to this section shall keep full and accurate records clearly indicating the name and trade or occupation of every person performing the work described in sub. (4) and an accurate record of the number of hours worked by each of those persons and the actual wages paid for the hours worked.

**s. 66.0903 (11) LIABILITY AND PENALTIES.**

(a) 1. Any contractor, subcontractor, or contractor's or subcontractor's agent who fails to pay the prevailing wage rate determined by the department under sub. (3) or who pays less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor is liable to any affected employee in the amount of his or her unpaid wages or his or her unpaid overtime compensation and in an additional amount as liquidated damages as provided under subd. 2., 3., whichever is applicable.

2. If the department determines upon inspection under sub. (10) (b) or (c) that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the department shall order the contractor to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages within a period specified by the department in the order.

3. In addition to or in lieu of recovering the liability specified in subd. 1. as provided in subd. 2., any employee for and in behalf of that employee and other employees similarly situated may commence an action to recover that liability in any court of competent jurisdiction. If the court finds that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the court shall order the contractor, subcontractor, or agent to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages.

5. No employee may be a party plaintiff to an action under subd. 3. unless the employee consents in writing to become a party and the consent is filed in the court in which the action is brought. Notwithstanding s. 814.04 (1), the court shall, in addition to any judgment awarded to the plaintiff, allow reasonable attorney fees and costs to be paid by the defendant.

**BUILDING OR HEAVY CONSTRUCTION**

Includes sheltered enclosures with walk-in access for the purpose of housing persons, employees, machinery, equipment or supplies and non-sheltered work such as canals, dams, dikes, reservoirs, storage tanks, etc. A sheltered enclosure need not be "habitable" in order to be considered a building. The installation of machinery and/or equipment, both above and below grade level, does not change a project's character as a building. On-site grading, utility work and landscaping are included within this definition. Residential buildings of four (4) stories or less, agricultural buildings, parking lots and driveways are NOT included within this definition.

**SKILLED TRADES**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
101	Acoustic Ceiling Tile Installer Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
102	Boilermaker Future Increase(s): Add \$1.50/hr. on 01/01/2016	33.35	28.24	61.59
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$1.35 on 06/01/2015; Add \$1.45 on 06/06/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.89	18.64	54.53
104	Cabinet Installer Future Increase(s): Add \$1.42/hr on 6/1/2015; Add \$1.42/hr on 6/1/2016.	32.72	16.00	48.72
105	Carpenter Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
106	Carpet Layer or Soft Floor Coverer	33.68	19.98	53.66
107	Cement Finisher	31.47	17.69	49.16
108	Drywall Taper or Finisher Future Increase(s): Add \$.90/hr eff. 06/01/2015; Add \$1.00/hr eff. 06/01/2016; Add \$1.05/hr eff. 06/01/2017	29.97	20.74	50.71
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.93	22.77	56.70

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	23.73	19.09	42.82
112	Fire Sprinkler Fitter	39.10	20.22	59.32
113	Glazier Future Increase(s): Add \$.75/hr eff. 06/01/2015; Add \$.90/hr eff. 06/01/2016	34.19	18.50	52.69
114	Heat or Frost Insulator	33.43	25.81	59.24
115	Insulator (Batt or Blown) Future Increase(s): Add \$1.42/hr on 6/1/2015; Add \$1.42/hr on 6/1/2016.	32.72	16.00	48.72
116	Ironworker	30.52	23.82	54.34
117	Lather	33.68	19.81	53.49
118	Line Constructor (Electrical)	39.50	18.39	57.89
119	Marble Finisher	19.14	0.00	19.14
120	Marble Mason	35.37	17.99	53.36
121	Metal Building Erector	24.99	1.26	26.25
122	Millwright	28.53	25.19	53.72
123	Overhead Door Installer	20.00	6.00	26.00
124	Painter Future Increase(s): Add \$.90/hr on 06/01/2015; Add \$1.00/hr on 06/01/2016; Add \$1.05/hr on 06/01/2017 Premium Increase(s): Add \$.20/hr for paperhanging; Add \$.35/hr for bridge, iron and drywall; Add \$.75/hr for spraying and sandblasting; Add \$.60/hr for EIFS work; Add \$1.00/hr for lead based paint removal.	29.62	20.74	50.36
125	Pavement Marking Operator	30.10	18.09	48.19
126	Piledriver Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.60/hr on 6/1/2016. Premium Increase(s): Add \$.65/hr for Piledriver Loftzman; Add \$.75/hr for Sheet Piling Loftzman. DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	30.11	26.51	56.62
127	Pipeline Fuser or Welder (Gas or Utility)	31.88	20.89	52.77
129	Plasterer Future Increase(s): Add \$1.40 on 06/01/2015; Add \$1.45 on 06/06/2016	31.55	18.26	49.81

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
130	Plumber	38.37	19.55	57.92
132	Refrigeration Mechanic Future Increase(s): Add \$1.70 on 6/1/15	41.01	21.54	62.55
133	Roofer or Waterproofer	29.40	11.20	40.60
134	Sheet Metal Worker	36.94	20.22	57.16
135	Steamfitter	41.01	21.54	62.55
137	Teledata Technician or Installer Future Increase(s): Add \$.86/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.63	17.25	42.88
138	Temperature Control Installer	39.76	21.09	60.85
139	Terrazzo Finisher	19.14	0.00	19.14
140	Terrazzo Mechanic	31.18	17.35	48.53
141	Tile Finisher Future Increase(s): Add \$.20/hr on 1/ 5/2015	24.24	17.54	41.78
142	Tile Setter	30.38	17.33	47.71
143	Tuckpointer, Caulker or Cleaner Future Increase(s): Add \$1.35on 06/01/2015; Add \$1.45 on 06/01/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.28	18.48	52.76
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
146	Well Driller or Pump Installer	25.32	15.65	40.97
147	Siding Installer	36.17	19.44	55.61
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	30.16	15.11	45.27
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.71	47.31
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	14.49	42.14
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.83	15.01	42.84
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	24.00	11.57	35.57

**TRUCK DRIVERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
201	Single Axle or Two Axle	34.07	18.10	52.17
203	Three or More Axle	23.49	14.07	37.56
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 5/30/2016.	33.02	18.70	51.72
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	23.49	14.07	37.56

**LABORERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
301	General Laborer Future Increase(s): Add \$1.35/hr eff. 06/01/2015; Add \$1.25/hr eff. 06/06/2016 Premium Increase(s): Add \$.11 for mortar mixer, fork lift operator, air and electric equipment and power buggy operators; Add \$.22 for jackhammer operator, certified welder, gunite machineman.	29.01	17.22	46.23
302	Asbestos Abatement Worker	22.05	19.16	41.21
303	Landscaper	16.00	0.00	16.00
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.13	17.79	37.92
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased) Premium Increase(s): DOT PREMIUMS: Pay two times the hourly basic rate on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	18.06	16.76	34.82
314	Railroad Track Laborer	17.00	3.28	20.28
315	Final Construction Clean-Up Worker	28.31	11.95	40.26

**HEAVY EQUIPMENT OPERATORS  
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
501	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Milling Machine; Boring Machine (Directional, Horizontal or Vertical); Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfgr's Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Crane, Shovel, Dragline, Clamshells; Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Grader or Motor Patrol; Master Mechanic; Mechanic or Welder; Robotic Tool Carrier (With or Without Attachments); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Tractor (Scraper, Dozer, Pusher, Loader); Trencher (Wheel Type or Chain Type Having Over 8 Inch Bucket). Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.60/hr on 5/30/2016.	34.47	18.70	53.17
502	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Environmental Burner; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Jeep Digger; Screed (Milling Machine); Skid Rig; Straddle Carrier or Travel Lift; Stump Chipper; Trencher (Wheel Type or Chain Type Having 8 Inch Bucket & Under). Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.60/hr on 5/30/2016.	34.17	18.70	52.87
503	Air Compressor (&/or 400 CFM or Over); Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Greaser; High Pressure Utility Locating Machine (Daylighting Machine); Mulcher; Oiler; Post Hole Digger or Driver; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	33.77	18.28	52.05
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
505	Work Performed on the Great Lakes Including Crane or Backhoe Operator; Assistant Hydraulic Dredge Engineer; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder; 70 Ton & Over Tug Operator. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	41.65	21.71	63.36

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b><u>CODE</u></b>	<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
506	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	18.17	53.89
507	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

**HEAVY EQUIPMENT OPERATORS  
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING WORK**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b><u>CODE</u></b>	<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
508	Boring Machine (Directional); Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add \$.50/hr. Cranes with boom length over 200 ft. not exceeding 300 ft. OR lifting capacity over 200 ton not exceeding 300 ton add \$.50/hr. Over 300 ton OR 300 ft. add \$.01/hr. per foot OR ton whichever is greater.	40.61	20.15	60.76
509	Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Boring Machine (Horizontal or Vertical); Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Pile Driver; Versi Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over). Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	40.11	20.15	60.26

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
510	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Dredge (NOT Performing Work on the Great Lakes); Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Hydro-Blaster (10,000 PSI or Over); Milling Machine; Skid Rig; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	39.61	20.15	59.76
511	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Environmental Burner; Gantrys (Under 20,000 Lbs.); Grader or Motor Patrol; High Pressure Utility Locating Machine (Daylighting Machine); Manhoist; Material or Stack Hoist; Mechanic or Welder; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tining or Curing Machine; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket).	32.89	21.49	54.38
512	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Grout Pump; Hoist (Tugger, Automatic); Industrial Locomotives; Jeep Digger; Lift Slab Machine; Mulcher; Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames. Future Increase(s): Add \$1.55/hr on 6/1/2015.	37.04	20.15	57.19

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
513	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Boatmen (NOT Performing Work on the Great Lakes); Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Elevator; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Forklift; Generator (&/or 150 KW or Over); Greaser; Heaters (Mechanical); Loading Machine (Conveyor); Oiler; Post Hole Digger or Driver; Prestress Machine; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.55/hr on 6/1/2015.	31.89	20.15	52.04
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$1/hr on 6/1/2015; Add \$1/hr on 5/30/2016.	36.34	22.14	58.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment). Future Increase(s): Add \$1.65/hr on 6/1/2015.	34.06	19.35	53.41
516	Fiber Optic Cable Equipment	28.89	17.95	46.84

<b>SEWER, WATER OR TUNNEL CONSTRUCTION</b>
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Includes those projects that primarily involve public sewer or water distribution, transmission or collection systems and related tunnel work (excluding buildings).

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**SKILLED TRADES**

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<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		
		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	35.37	17.99	53.36
105	Carpenter Future Increase(s): Add \$1.50/hr on 6/1/2015; Add \$1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
107	Cement Finisher Future Increase(s): Add \$1.87 on 6/1/15; Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	35.18	16.78	51.96
109	Electrician	47.76	0.00	47.76
111	Fence Erector	23.73	19.09	42.82
116	Ironworker	31.50	20.01	51.51
118	Line Constructor (Electrical)	39.50	18.39	57.89
125	Pavement Marking Operator	30.10	18.09	48.19
126	Piledriver	29.56	25.71	55.27
130	Plumber	30.00	14.25	44.25
135	Steamfitter	39.76	21.09	60.85
137	Teledata Technician or Installer	24.89	17.15	42.04
143	Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
146	Well Driller or Pump Installer	25.32	15.65	40.97
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.19	46.79
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	13.28	38.96
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

**TRUCK DRIVERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
201	Single Axle or Two Axle Future Increase(s): Add \$1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.18	18.31	43.49
203	Three or More Axle	18.00	0.00	18.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	32.89	18.96	51.85
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	18.00	0.00	18.00

**LABORERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
301	General Laborer Future Increase(s): Add \$1.35/hr eff. 06/01/2015; Add \$1.25/hr eff. 06/06/2016 Premium Increase(s): Add \$2.29 for bottomman; Add \$2.15 for concrete manhole builder, bracer, jointman, or pipelayer; Add \$5.44 for blaster. Add \$2.00 for all tunnel work under 15 lbs. compressed air; Add \$2.00 for 0-30 lbs. compressed air; Add \$3.00 for over 30 lbs. compressed air.	29.16	17.72	46.88
303	Landscaper	39.43	0.00	39.43
304	Flagperson or Traffic Control Person	31.95	0.00	31.95
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72

314	Railroad Track Laborer	17.00	3.28	20.28
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**HEAVY EQUIPMENT OPERATORS  
SEWER, WATER OR TUNNEL WORK**

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Master Mechanic; Pile Driver. Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Add \$.25/hr for operating tower crane.	37.24	20.10	57.34
522	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Spreader & Distributor; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Dredge (NOT Performing Work on the Great Lakes); Milling Machine; Skid Rig; Telehandler; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Add \$.25/hr for operating tower crane.	36.46	20.10	56.56
523	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Boring Machine (Horizontal or Vertical); Bulldozer or Endloader (Over 40 hp); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Manhoist; Material or Stack Hoist; Mechanic or Welder; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add \$1.55/hr on 6/1/2015. Premium Increase(s): Add \$.25/hr for operating tower crane.	35.51	20.10	55.61

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
524	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Environmental Burner; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Hoist (Tugger, Automatic); Grout Pump; Jeep Digger; Lift Slab Machine; Mulcher; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Tining or Curing Machine; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames.	36.79	19.15	55.94
525	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Loading Machine (Conveyor); Post Hole Digger or Driver; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	30.69	18.46	49.15
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	31.64	19.15	50.79
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
528	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36
529	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	18.17	53.89
530	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under), Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

<b>LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION</b>
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Includes roads, streets, alleys, trails, bridges, paths, racetracks, parking lots and driveways (except residential or agricultural), public sidewalks or other similar projects (excluding projects awarded by the Wisconsin Department of Transportation).

<b>SKILLED TRADES</b>
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<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
103	Bricklayer, Blocklayer or Stonemason	35.37	17.99	53.36
105	Carpenter Future Increase(s): Add \$1.42/hr on 6/1/2015; Add \$1.42/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.72	16.00	48.72
107	Cement Finisher	26.00	11.00	37.00
109	Electrician Future Increase(s): Add \$1.20/hr on 6/1/15; Add \$1.25/hr on 6/1/16. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.82	19.67	54.49
111	Fence Erector	23.73	19.09	42.82
116	Ironworker	30.52	23.82	54.34
118	Line Constructor (Electrical)	39.50	18.39	57.89
124	Painter	29.52	19.99	49.51
125	Pavement Marking Operator	30.10	18.09	48.19
126	Piledriver	29.56	25.71	55.27
133	Rofer or Waterproofer	29.40	11.20	40.60
137	Teledata Technician or Installer	24.89	17.15	42.04
143	Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.19	46.79
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	13.28	38.96

154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72
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**TRUCK DRIVERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
201	Single Axle or Two Axle Future Increase(s): Add \$1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.18	18.31	43.49
203	Three or More Axle	18.00	0.00	18.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 6/2/2015; Add \$1.60/hr on 6/3/2016.	33.69	19.78	53.47
205	Pavement Marking Vehicle	20.85	11.02	31.87
206	Shadow or Pilot Vehicle	24.37	17.77	42.14
207	Truck Mechanic	18.00	0.00	18.00

**LABORERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
301	General Laborer	24.75	19.69	44.44
303	Landscaper Future Increase(s): Add \$1.05/hr eff. 06/01/2015; Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	30.13	15.14	45.27
304	Flagperson or Traffic Control Person	19.06	14.29	33.35
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72
314	Railroad Track Laborer	17.00	3.28	20.28

**HEAVY EQUIPMENT OPERATORS  
CONCRETE PAVEMENT OR BRIDGE WORK**

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
541	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm">http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm</a> .	37.72	21.15	58.87
542	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Crane, Tower Crane Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm">http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm</a> .	37.22	21.15	58.37

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
543	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.	35.72	18.17	53.89
544	Backfiller; Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm">http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm</a> .	36.46	21.15	57.61
545	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.	35.17	20.40	55.57
546	Fiber Optic Cable Equipment.	28.89	17.95	46.84

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b><u>CODE</u></b>	<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
548	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36
549	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or more); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	18.17	53.89
550	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

**HEAVY EQUIPMENT OPERATORS  
ASPHALT PAVEMENT OR OTHER WORK**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b><u>CODE</u></b>	<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
551	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads and/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic.	36.72	20.40	57.12
552	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm">http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm</a> .	37.22	21.15	58.37

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
553	<p>Air, Track, Rotary or Percussion Drilling Machine &amp;/or Hammers, Blaster; Asphalt Heater, Planer &amp; Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. &amp; Under); Bituminous (Asphalt) Plant &amp; Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb &amp; Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches &amp; A-Frames.</p> <p>Future Increase(s):                      Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016;                      Add \$1.25/hr on 6/1/2017.</p>	36.17	20.80	56.97
554	<p>Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed &amp; Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver &amp; Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler.</p> <p>Future Increase(s):                      Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016;                      Add \$1.25/hr on 6/1/2017.</p>	36.17	20.80	56.97

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
555	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm">http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm</a> .	36.17	21.15	57.32
556	Fiber Optic Cable Equipment.	27.89	17.20	45.09

\*\*\*\*\* END OF RATES \*\*\*\*\*



The documents following the Prevailing Wage Rate Determination consist of eighteen pages (including this one) of various forms/documents that will be used throughout the completion of the project. The chart below lists the form number, form/document name, the party who uses the document, and the document's number of pages. If you have any questions regarding these forms please call the Prevailing Wage Office at (608)266-6861.

ERD Form Number	Form Name	Party Who Uses the Form	Pages
	Prevailing Wage - Public Entity Project Owners	Explanation of project owner responsibilities	2
16056	Post the White Sheet	Contracting agency	1
10908	Consolidated List of Debarred Contractors	Any party contracting someone to complete work on a prevailing wage project	3
	Prevailing Wage – Contractors	Explanation of contractor responsibilities	2
7777	Disclosure of Ownership	Contractors that meet the criteria set out in (3)(A)&(B) of the form	1
5724	Prime Contractor Affidavit of Compliance	Prime contractor files with contracting agency upon completion of the work before receiving final payment	2
10584	Agent or Subcontractor Affidavit of Compliance	Subcontractors file with their awarding contractor upon completion of their work on the project before receiving final payment	2
10880	Request to Employ Subjourneyperson	Contractors wishing to employ a subjourneyperson(s)	1
	Additional General Prevailing Wage Law Information	General information for public entity or any other interested party	3

6/1/2015

## PREVAILING WAGE – Public Entity Project Owners

Any public works project that has a total estimated project cost that equals or exceeds single-trade or multiple-trade project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage law that applies to local governmental units is §66.0903, Wis. Stats. The prevailing wage law that applies to state agencies is §103.49, Wis. Stats. The applicable administrative rules for all public entities are DWD 290 and DWD 294, Wis. Adm. Code.

### Thresholds

- A “single-trade project of public works” means a project in which a single trade accounts for 85% or more of the total labor cost of the project. The single trade threshold is \$48,000.
- A “multiple-trade project of public works” means a project in which no single trade accounts for 85% or more of the total labor cost of the project.
- (a) The multiple-trade threshold is \$100,000, unless a municipality falls under the description in (b).
  - (b) The multiple-trade threshold of \$234,000 applies to public works projects erected, constructed, repaired, remodeled, or demolished by a private contractor for •a city or village with a population less than 2500 or •a town.

A local governmental unit or state agency that has a public works project that equals or exceeds the prevailing wage thresholds must do all of the following:

- Request a prevailing wage rate determination for the project from DWD at least 30 days before soliciting bids or negotiating contracts. An Application for Prevailing Wage Rate Determination is available on the DWD website: [http://dwd.wisconsin.gov/er/prevailing\\_wage\\_rate/default.htm](http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm)  
To avoid waiting for a project determination use the on-line application system that permits the user to generate a determination immediately and save all documents in PDF form to the user’s computer. Use this project determination on line application at the following address:

- Tell potential contractors the project is subject to state prevailing wage law when soliciting bids.
- Include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each prime contractor.
- Award contracts to contractors who do *not* appear on the “Consolidated List of Debarred Contractors.”
- Notify contractors that they are required to have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the prevailing wage project.
- Post the prevailing wage rate determination on the project site. (This document is often referred to as “the white sheet.”)
- Notify project contractors that if DWD finds that a contractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Obtain an Affidavit of Compliance from each prime contractor before making final payment for the project.

If the total estimated cost of the project exceeds the prevailing wage thresholds, a local governmental unit or state agency also must obtain a prevailing wage rate determination under the following circumstances:

- when a completed facility is leased, purchased, lease-purchased or otherwise acquired by or dedicated to a public entity in lieu of the public entity contracting for the project,
- when one public entity does work for another public entity,
- when a *private* entity will construct a road, street, bridge, sanitary sewer or water main project and dedicate it to a local governmental unit or the state for its ownership or maintenance (except for some residential subdivisions).

For more information, visit the prevailing wage website: [http://dwd.wisconsin.gov/er/prevaling\\_wage\\_rate/default.htm](http://dwd.wisconsin.gov/er/prevaling_wage_rate/default.htm). For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

## **POST THE WHITE SHEET**

As the public entity receiving this prevailing wage rate determination, **YOU ARE REQUIRED** by law to post the prevailing wage rate determination (i.e., white sheet) in at least one conspicuous and easily accessible place on the project site that is available to all construction workers. The white sheet must remain posted from the onset of the project until all construction labor on the project has been completed.

[See, Wis. Admin. Code §DWD 290.12(1)]

Posting the white sheet inside the general contractor's trailer does not meet this requirement. That placement is not available/accessible to all workers and is not a location over which you have control.

If you have questions about posting, please call (608)266-6861 and ask for prevailing wage intake.

State of Wisconsin - Department of Workforce Development

This list has been prepared in accordance with the provisions of §§66.0903(12) and 103.49(7), Wis. Stats., and Chapter DWD 294 of the Wisconsin Administrative Code. All contractors on this list were found to have committed a "debarable offense" related to certain labor standard provisions determined or established for a state or local public works project. No state agency, local governmental unit or owner or developer may knowingly solicit bids from, negotiate with or award any contracts to or approve or allow any subcontracts with a debarred contractor, including all divisions, affiliates or other organizational elements of such contractor that are engaged in construction business activities, until the debarment is terminated. The name of each debarred contractor must remain on this list for a period of three (3) years from the termination date indicated below. The contractor is, however, only "debarred" from the "effective date" through the "termination date" indicated for that contractor. Questions regarding this list should be addressed to Jim Chiolino, Equal Rights Division, P. O. Box 8928, Madison, WI 53708 or call (608) 266-3345. Deaf, hearing or speech-impaired callers may contact the department by calling its TDD number (608) 264-8752.

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/Deviations</u>
A-1 Duran Roofing & Insulation Services, Inc.	3700 N Fratney St Milwaukee, WI 53212	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
	or 8095 NW 64 <sup>th</sup> St Miami, FL 33166					
Abel, Mike	See, Abel Electric, Inc					
Abel Electric, Inc	3385 Belmar Rd Green Bay, WI 54313	9/1/12	8/31/15	1	2011	None
Arnie Christiansen Mason Contractors, LLC	2304 65 <sup>th</sup> Dr Franksville, WI 53126	9/1/14	8/31/16	1, 2 and 4	2011	None
Atkins, Scott	See, Freedom Insulation, Inc					
Boecker, Roger	See, R-Way Pumping, Inc					
Brechtl, Mark G	See, Ecodec, Inc					
Cargill Heating and Air Conditioning Company, Inc	3049 Edgewater La La Crosse, WI 54603	3/1/14	2/28/17	1 and 2	2011	None
Castlerock Commercial Construction, Inc	PO Box 11699 Milwaukee, WI 53211-0699	2/1/12	1/31/15	1, 2 and 4	2009 & 2010	None

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/Deviations</u>
Christiansen, Andy	See, Arnie Christiansen Mason Contractors, LLC	11/1/14	10/31/15	1, 2 and 4	2012 & 2013	None
Christiansen, Arnold	See, Arnie Christiansen Mason Contractors, LLC					
Darnick, Gregory L	See, Darnick Trucking, LLC					
Darnick Trucking, LLC	W914 County Rd V Berlin, WI 54923	11/1/14	10/31/15	1, 2 and 4	2012 & 2013	None
Dem/Ex Group, Inc	805 S Adams St Manito, IL 61546	12/1/11	11/30/14	1 and 2	2010	None
Duran, Bernardo	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ecodec, Inc	5106 Wintergreen Dr Madison, WI 53704	10/1/14	9/30/17	1	2011 & 2012	None
Fisher, Ed &/or Fisher, Rhonda	See, Dem/Ex Group, Inc					
Freedom Insulation, Inc	117925 219th Ave Chippewa Falls, WI 54729	9/1/11	8/31/14	1	2008-2010	None
Galstad, Michael E (aka Michael Earl Galstad)	See, Cargill Heating and Air Conditioning Company, Inc					
Gjolaj, Ded	See, Horizon Bros Painting Corp					
Horizon Bros Painting Corp	1053 Kendra La Howell, MI 48843	10/1/14	9/30/16	4	2012	None
JT Roofing, Inc	350 Tower Dr Saukville, WI 53080	6/1/12	5/31/15	1, 2 and 4	2007 & 2008	None

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/Deviations</u>
Jinkins, Richard	See, Castlerock Commercial Construction, Inc					
Mid-W Enterprises, Inc	1730 22 <sup>nd</sup> Avenue Kenosha, WI 53140	6/1/15	5/31/17	1, 2 and 4	2013	None
Midwest Construction Co., Inc.	See, Mid-W Enterprises, Inc					
Oden, Cassie	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ofstie, Darin	See, Precision Excavating and Grading, LLC					
Peret, Robert	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Precision Excavating and Grading, LLC or Precision Excavating Enterprises, LLC	2104 Pierce Saint Croix Rd Baldwin, WI 54002	5/1/11	4/30/14	1, 2 and 4	2006- 2008	None
R-Way Pumping, Inc	3023 Lake Maria Rd Freeport, MN 56331	3/1/12	2/28/15	1, 2 and 4	2008	None
RRS2 Inc	133 N Jackson St, #427 Milwaukee, WI 53202 or 1313 N Franklin Pl, #805 Milwaukee, WI 53202	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
Thull, Gerald T	See, JT Roofing, Inc					
Ventura, Robert	See, Mid-W Enterprises, Inc					

Cause Code: 1 = Failure to Pay Straight Time 2 = Failure to Pay Overtime 3 = Kickback 4 = Payroll Records.

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## PREVAILING WAGE – Contractors

Any public works project that has a total estimated project cost that equals or exceeds prevailing wage project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage laws that apply to local governmental units and their contractors are §§66.0903 and 103.503, Wis. Stats. The prevailing wage laws that apply to state agencies and their contractors are §§103.49 and 103.503, Wis. Stats. The applicable administrative rules for all prevailing wage projects are DWD 290 and DWD 294, Wis. Adm. Code. These laws include provisions that apply to all contractors and subcontractors working on prevailing wage projects.

Any contractor or subcontractor working on a local governmental unit or state agency's public works project that equals or exceeds current prevailing wage project thresholds must do all of the following:

- Receive and review the project's prevailing wage rate determination (i.e., white sheet).
- Tell subcontractors the project is subject to state prevailing wage law and include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each subcontractor.
- Hire subcontractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the project.

- Notify subcontractors that if DWD finds that a contractor or subcontractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Apply to DWD for subjourney wage rates prior to employing these individuals on the project.
- Receive and retain a completed Affidavit of Compliance from each subcontractor brought on to the project before providing final payment to those subcontractors.
- Submit a completed Affidavit of Compliance to the contractor who brought the subcontractor on to the project before receiving final payment for the project.
- Maintain payroll records for 3 years that comply with §§66.0903(10)(a) or 103.49(5)(a), Stats. and DWD 274.06.
- Respond to requests from DWD or the project owner to provide payroll records and/or respond to prevailing wage complaints filed by employees or third parties.

For more information, visit the prevailing wage website: [http://dwd.wisconsin.gov/er/prevailing\\_wage\\_rate/default.htm](http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm). For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

## Disclosure of Ownership

The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d), 66.0904(10)(d) and 103.49(7)(d), Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1) (m), Wisconsin Statutes].

- (1) On the date a contractor submits a bid to or completes negotiations with a state agency, local governmental unit, or developer, investor or owner on a project subject to Section 66.0903, 66.0904 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency, local governmental unit, or developer, investor or owner, the name of any "other construction business," which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.
- (2) The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 66.0904(2), 103.49(2) and 103.50(2), Wisconsin Statutes.
- (3) This form must ONLY be filed, with the state agency project owner, local governmental unit project owner, or developer, investor or owner of a publicly funded private construction project that will be awarding the contract, if **both (A) and (B) are met.**
  - (A) The contractor, or a shareholder, officer or partner of the contractor:
    - (1) Owns at least a 25% interest in the "other construction business," indicated below, on the date the contractor submits a bid or completes negotiations; or
    - (2) Has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.
  - (B) The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.

### Other Construction Business

Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code

**I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.**

Print the Name of Authorized Officer			
Authorized Officer Signature		Date Signed	
Corporation, Partnership or Sole Proprietorship Name			
Street Address or P O Box	City	State	Zip Code

**If you have any questions call (608) 266-6861**

## Prime Contractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(c), 66.0904(7)(c) and 103.49(4r)(c) Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Agency** indicated below.

State Of )	Project Name	
	DWD Determination Number	Project Number (if applicable)
)SS	Date Determination Issued	Date of Contract
County Of )	Awarding Agency	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below and have recently completed all of the work required under the terms and conditions of a contract with the above-named awarding agency and make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(c), 66.0904(7)(c) or 103.49(4r)(c), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding agency.
- **I have** fully complied with all the wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding agency indicated above.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address	City	State	Zip Code	Telephone Number
Print Name of Authorized Officer			Date Signed	
Signature of Authorized Officer				

## List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

## Agent or Subcontractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(b), 66.0904(7)(b) and 103.49(4r)(9b), Wisconsin Statutes. The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, Section 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Contractor** indicated below.

State Of _____ )  )SS  County Of _____ )	Project Name	
	DWD Determination Number	Project Number (if applicable)
	Date Determination Issued	Date of Subcontract
	Awarding Contractor	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below. We have recently completed all of the work required under the terms and conditions of a subcontract with the above-named awarding contractor. We make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(b), 66.0904(7)(b) or 103.49(4r)(b), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding contractor.
- **I have** fully complied with the entire wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding contractor.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address or PO Box	City	State	Zip Code	Telephone Number (    )
Print Name of Authorized Officer			Date Signed	
Authorized Officer Signature				

## List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number (     )			Telephone Number (     )		

**If you have any questions call (608) 266-6861**

## Request to Employ Subjourneyperson

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes. Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m), Wisconsin Statutes).

The employer indicated below requests that the Department of Workforce Development (DWD) determine the prevailing wage rate(s) and related qualifications to enable such employer to use a subjourneyperson(s) on the following prevailing wage project, in accordance with the provisions of Section DWD 290.025, Wisconsin Administrative Code.

1. Name of Project Appearing on the Project Determination			
County	City, Village or Town		
DWD Project Determination Number	Project Number (if applicable)		
2. Job Classification(s) for which you request a subjourney rate (i.e., carpenter, electrician, plumber, etc.)			
a.	b.		
c.	d.		
3. Employer Name (Print)			
Address	City	State	Zip Code
Telephone Number (       )	Requester Title		
Email address (if you prefer to receive your response via email)	Fax Number (if you prefer to receive your response via fax) (       )		
<p><b>READ CAREFULLY:</b> I understand that this request is ONLY applicable to the project and job classification(s) listed above and that subjourney employees primarily work under the direction of and assist a skilled trade employee by frequently using the tools of a skilled trade and will NOT regularly perform the duties of a general laborer, heavy equipment operator or truck driver. If the subjourney employee regularly performs the work of a different trade or occupation, he/she will be compensated for such work at the applicable journeyperson prevailing wage rate. I agree to compensate subjourney employees in strict accordance with the directions received from the DWD.</p>			
Requester Signature			Date Signed

MAIL the completed request to:  
 EQUAL RIGHTS DIVISION, LABOR STANDARDS BUREAU  
 PO BOX 8928, MADISON WI 53708  
 OR

FAX the completed request to: (608) 267-4592 / **DO NOT e-mail your request.**  
 Call (608) 266-6861 for assistance in completing this form.

## ADDITIONAL GENERAL PREVAILING WAGE LAW INFORMATION

(This document updated February 2014)

For prevailing wage laws and frequently asked questions, refer to the prevailing wage website at:  
[http://dwd.wisconsin.gov/er/prevailing\\_wage\\_rate/default.htm](http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm)

Topic	Who's affected?	Brief description of requirement under §66.0903 or §103.49
Non-applicability	All public entities	Prevailing wage rates do not apply to minor service or maintenance work, warranty work, or work under a supply and installation contract.
Non-applicability: Minor service or maintenance work	Local governmental units & Contractors	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> <li>• minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years or that is performed for a TOWN and is not funded under §86.31, regardless of projected life span;</li> <li>• the depositing of gravel on an existing gravel road applied solely to maintain the road;</li> <li>• road shoulder maintenance;</li> <li>• cleaning of drainage or sewer ditches or structures; or</li> <li>• any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.</li> </ul>
Non-applicability: Minor service or maintenance work	State agencies	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> <li>• minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years;</li> <li>• cleaning of drainage or sewer ditches or structures; or</li> <li>• any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.</li> </ul>
Non-applicability: Supply & installation contract	All public entities	Supply and installation contract means a contract under which the material is installed by means of simple fasteners or connectors such as screws or nuts and bolts and no other work is performed on the site of the project of public works, and the total labor cost to install the material does not exceed 20 percent of the total cost of the contract.
Non-applicability: Work which a contractor or individual donates to a public entity	All public entities	Prevailing wage laws §§66.0903 & 103.49, Stats., do not apply to work performed on a project of public works for which the local governmental unit or the state or the state agency contracting for the project is not required to compensate any contractor, subcontractor, contractor's or subcontractor's agent, or individual for performing the work.

<b>Topic</b>	<b>Who's affected?</b>	<b>Brief description of requirement under §66.0903 or §103.49</b>
<b>Non-applicability: Residential</b>	<b>All public entities</b>	A prevailing wage rate determination is not required for the erection, construction, repair, remodeling, or demolition of a residential property containing 2 dwelling units or less.
<b>Non-applicability: Residential subdivision infrastructure</b>	<b>All public entities</b>	A prevailing wage rate determination is not required for a road, street, bridge, sanitary sewer, or water main project that is a part of a development in which at least 90 percent of the lots contain or will contain 2 dwelling units or less, as determined by the local governmental unit at the time of approval of the development, and that, on completion, is acquired by, or dedicated to, a local governmental unit (including under §236.13(2), Stats.), or the state, for ownership or maintenance by the local governmental unit or the state.
<b>Electronic certified payroll record</b>	<b>Contractors</b>	The requirement that every contractor on a prevailing wage project submit to DWD monthly a certified record of employees who worked on the project and that DWD post these certified records on its Internet website was discontinued effective July 1, 2011. Contractors are still required to maintain payroll records and provide them upon request from DWD &/or the project owner.
<b>Payroll record inspection request by any person</b>	<b>Contractors &amp; Complainants</b>	Any person may request DWD to inspect the payroll records of any contractor working on a prevailing wage project. On receipt of such a request, the contractor must submit to DWD a certified record of its payroll records, other than personally identifiable information relating to an employee of the contractor, for no longer than a 4-week period. DWD may request records from a contractor under this provision no more than once per calendar quarter for each project of public works on which the contractor is performing work. The department may not charge a requester a fee for obtaining that information. DWD must make these certified records available for public inspection.
<b>Statewide uniformity</b>	<b>Local governmental units</b>	A local governmental unit may not enact & administer a prevailing wage ordinance/provision for public works or publicly funded private construction projects. Any extant laws to that effect are void.
<b>Substance Abuse Testing</b>	<b>Contractors &amp; Workers</b>	Before commencing work on a prevailing wage project, a contractor must have a written substance abuse testing program in place that complies with §103.503, Wis. Stats. No employee may use, possess, attempt to possess, distribute, deliver, or be under the influence of a drug or under the influence of alcohol while performing work on a prevailing wage project.

Topic	Who's affected	Brief description of requirement under §66.0903 or §103.49
Covered employees	Truck drivers & Other workers & Contractors	<p>A laborer, worker, mechanic, or truck driver who is employed to process, manufacture, pick up, or deliver materials or products from a commercial establishment that has a fixed place of business from which the establishment supplies processed or manufactured materials or products or from a facility that is not dedicated exclusively, or nearly so, to a project of public works is NOT entitled to receive the prevailing wage rate UNLESS any of the following applies:</p> <ol style="list-style-type: none"> <li>1) the laborer, worker, mechanic, or truck driver is employed to go to the source of mineral aggregate such as sand, gravel, or stone and deliver that mineral aggregate to the site of a project of public works by depositing the material directly in final place, from the transporting vehicle or through spreaders from the transporting vehicle.</li> <li>2) the laborer, worker, mechanic, or truck driver is employed to go to the site of a project of public works, pick up excavated material or spoil from the site of the project, and transport that excavated material or spoil away from the site of the project.</li> </ol>

SECTION 00400

BID FORM

UNIT PRICE CONTRACT  
STONEWALL CONNECTION TRAIL  
RIDGWAY RD TO EAGLE DR  
VILLAGE OF JACKSON, WISCONSIN  
Bloom Project No. BM1-3372

PROPOSAL OF: \_\_\_\_\_  
(NAME)  
\_\_\_\_\_  
(ADDRESS)  
\_\_\_\_\_  
(CITY & STATE)

BID TO: VILLAGE OF JACKSON  
VILLAGE HALL  
N168 W20733 MAIN STREET  
JACKSON, WISCONSIN 53037

The undersigned bidder understands:

The bidder has visited the site to familiarize himself with local conditions that may in any manner affect performance of the work.

The bidder has familiarized himself with Federal, State and local laws, ordinances, rules and regulations affecting performance of the work.

The undersigned BIDDER has carefully examined the Current Documents and will provide all necessary labor, machinery, tools, apparatus and other means of construction, and do all the work and furnish all material called for by said Contract Documents in the manner prescribed therein, and in said Contract, and in accordance with the requirements of the ENGINEER. All portions of the bid form must be completed as a condition of acceptance. The bid opening shall be public.

I. THE BIDDER ACKNOWLEDGES RECEIPT OF:

- A. Project Specifications prepared by Bloom Companies, LLC
- B. Project Drawings prepared by Bloom Companies, LLC
- C. Addenda No. \_\_\_ through No. \_\_\_, inclusive.

II. THIS BIDDER AGREES:

- A. That the Owner may consider informal any Bid not prepared and submitted in accordance with the provisions of the Contract Documents; AND
- B. That the Owner reserves the right to reject any and all Bids, including any Bid which in the opinion of the Village will be insufficient to carry out the Project, and waive any and all informalities, all the right to disregard and nonconforming or condition Bids or counter proposals; AND
- C. That the Bid shall remain open for ninety (90) days after the date of the Bid Opening; AND
- D. To reduce the Scope of the work as stated in the “Instruction to Bidders” at the agreed upon unit prices,
- E. To do any extra work, not covered by the unit price bid, which may be ordered by the OWNER or their agent, and to accept as full compensation therefore such prices as indicated in the proposal and agreed upon, in writing by the Owner and the Contractor.
- F. Upon “Notice of Acceptance” of this Proposal, to execute the Contract.
- G. To accomplish the work in accordance with the Contract Documents.
- H. To begin work no later than twenty (20) working days after issuance of “Notice to Proceed” and to complete the work, within the times established in the Contract Documents.
- I. Award will be based on the Base Bid Price.
- J. AGREES TO CONSTRUCT THIS PROJECT FOR THE FOLLOWING UNIT PRICES:

## UNIT PRICE SCHEDULE

The list of items shown below is general in nature and some quantities may be estimated. The Bidder/Contractor completing the proposal stipulates that he/she has verified the accuracy of the quantities and will complete all work necessary or reasonably required in the connection of each item.

### STONEWALL CONNECTION TRAIL RIDGEWAY RD TO EAGLE DR

ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL
1	CLEARING	STA	1	\$	\$
2	GRUBBING	STA	1	\$	\$
3	REMOVING CURB & GUTTER	LF	32	\$	\$
4	EXCAVATION COMMON	CY	600	\$	\$
5	BASE AGGREGATE DENSE 1 1/4-INCH	TON	530	\$	\$
6	ASPHALTIC SURFACE	TON	370	\$	\$
7	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 48X76-INCH	LF	24	\$	\$
8	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 48X76-INCH	EACH	2	\$	\$
9	CONCRETE CURB & GUTTER 18-INCH TYPE D	LF	32	\$	\$
10	CONCRETE SIDEWALK 5-INCH	SF	270	\$	\$
11	CURB RAMP DETECTABLE WARNING FIELD YELLOW	SF	32	\$	\$
12	RIPRAP MEDIUM	CY	4	\$	\$
13	MOBILIZATION	EACH	1	\$	\$
14	SALVAGED TOPSOIL	SY	1,640	\$	\$
15	MULCHING	SY	1,500	\$	\$
16	EROSION BALES	EACH	184	\$	\$
17	SILT FENCE	LF	1,200	\$	\$
18	SILT FENCE MAINTENANCE	LF	1,200	\$	\$
19	EROSION MAT CLASS I TYPE B	SY	62	\$	\$
20	INLET PROTECTION TYPE C	EACH	1	\$	\$
21	TEMPORARY DITCH CHECKS	LF	14	\$	\$
22	CULVERT PIPE CHECKS	EACH	1	\$	\$
23	TRACKING PADS	EACH	3	\$	\$
24	SEEDING MIXTURE NO. 20	LB	45	\$	\$

ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL
25	POSTS WOOD 4X6-INCH X 12-FT	EACH	2	\$	\$
26	SIGNS TYPE II REFLECTIVE H	SF	12.125	\$	\$
27	TRAFFIC CONTROL	EACH	1	\$	\$
28	TRAFFIC CONTROL DRUMS	DAY	1,350	\$	\$
29	TRAFFIC CONTROL SIGNS	DAY	270	\$	\$
30	GEOTEXTILE FABRIC TYPE HR	SY	3	\$	\$
31	PAVEMENT MARKING EPOXY 4-INCH YELLOW	LF	346	\$	\$
32	PAVEMENT MARKING STOP LINE EPOXY 24-INCH	LF	20	\$	\$
33	PAVEMENT MARKING CROSSWALK EPOXY 12-INCH	LF	100	\$	\$
34	SAWING CONCRETE	LF	8	\$	\$
35	WDNR SIGNS	EACH	2	\$	\$
36	WALL MODUAR BLOCK GRAVITY	SF	375	\$	\$
37	RAIL FENCE	LF	345	\$	\$
<b>TOTAL BASE BID</b>				\$	

STONE WALL CONNECTION TRAIL  
RIDGEWAY RD TO EAGLE DR  
VILLAGE OF JACKSON, WISCONSIN  
**TOTAL ADJUSTED BASE BID:**

---

**(Written)**

\$

---

**(Figures)**

---

**Name/Title (printed)**

---

**Signature**

III. LIST OF SUBCONTRACTORS

The undersigned Contractor will employ, subject to the approval of Owner, the following subcontractors with the class of work to be performed. No other subcontractors shall furnish labor and material for the project without prior written consent of Owner.

Subcontractor

Class of work

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END OF SECTION

SECTION 00 52 13

AGREEMENT

THIS AGREEMENT is by and between Village of Jackson (“Owner”) and  
\_\_\_\_\_ (“Contractor”).

Owner and Contractor hereby agree as follows:

**ARTICLE 1 – WORK**

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described in Section 1100 – Summary.

**ARTICLE 2 – THE PROJECT**

2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

**Stonewall Connection Trail – Village of Jackson**

**ARTICLE 3 – ENGINEER**

3.01 The Project has been designed by Bloom Companies, LLC (Engineer), which is to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

**ARTICLE 4 – CONTRACT TIMES**

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Days to Achieve Substantial Completion and Final Payment*

A. The Village of Jackson intends to award the work at the August 11, 2015 Village Board Meeting with the Notice to Proceed issued and work commencing thereafter.

B. The Work will be substantially completed October 15, 2015 after the issuance of the Notice to Proceed when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions by November 1, 2015 after the date when the Contract Times commence to run.

4.03 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner \$500 for each day that expires after the time specified in Paragraph 4.02 above for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Owner, Contractor shall pay Owner \$500 for each day that expires after the time specified in Paragraph 4.02 above for completion and readiness for final payment until the Work is completed and ready for final payment.

**ARTICLE 5 – CONTRACT PRICE**

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A below:

A. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the actual quantity of that item at the prices stated in the Contractor’s Bid, attached hereto as an exhibit:

BID PRICE (Summation of Bid Items):

\_\_\_\_\_ Dollars  
(dollars written)

(\$ \_\_\_\_\_)  
(figures)

**ARTICLE 6 – PAYMENT PROCEDURES**

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the 25<sup>th</sup> day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below. All such payments will be measured by the schedule of values established as provided in Paragraph 2.07.A of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements.
1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions.
- A. 95 percent of Work completed (with the balance being retainage). If the Work has been 50 percent completed as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage; and
- B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 97 percent of the Work completed, less such amounts as Engineer shall determine in accordance with Paragraph 14.02.B.5 of the General Conditions and less 100 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed (punch list) or corrected attached to the certificate of Substantial Completion.

6.03 *Final Payment*

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 14.07.
- B. Retainage. The Owner may retain out of the moneys otherwise payable to the Contractor hereunder a percentage of 2.5 percent and may expend the same, in the manner hereinafter provided, in making such repairs, corrections or replacements in the Work as the Owner, in its sole judgment, may deem necessary.

If at any time within the said period of guarantee any part of the Work requires repairing, correction or replacement, the Owner may notify the Contractor in writing to make the required repairs, correction or replacements. If the Contractor neglects to commence making such repairs, correction, or replacements to the satisfaction of the Owner within three (3) days from the date of receipt of such notice, or having commenced fails to prosecute such work with diligence, the Owner may employ other persons to make the same. The Owner shall pay the cost and expense of the same out of

the amounts retained for that purpose. Upon the expiration of the said period of guarantee, provided that the Work at that time is in good order, the Contractor will be entitled to receive the whole or such part of the sum last aforesaid, if any, as may remain after the cost and expense of making said repairs, correction or replacements, in the manner aforesaid, have been paid therefrom.

## **ARTICLE 7 – INTEREST**

7.01 Independent of timing of payments, interest will not be charged at any time for this Contract.

## **ARTICLE 8 – CONTRACTOR’S REPRESENTATIONS**

8.01 In order to induce Owner to enter into this Agreement, Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
- B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has considered the information known to Contractor; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Contract Documents; and (3) Contractor’s safety precautions and programs.
- E. Based on the information and observations referred to in Paragraph 8.01.D above, Contractor does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- F. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- G. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

- H. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- I. In connection with the performance of Work under this Contract, Contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition or developmental disability as defined in s. 51.01(5), Wisconsin Statutes. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. Contractor further agrees to take affirmative action to ensure equal employment opportunities for persons with disabilities. Contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices setting forth the provisions of the nondiscrimination clause. Form of notice is included in the Project Forms.

## **ARTICLE 9 – CONTRACT DOCUMENTS**

### **9.01 Contents**

- A. The Contract Documents consist of the following:
  - 1. This Agreement (Section 00520, inclusive).
  - 2. Bonding and Certificates (Section 00600, inclusive).
  - 3. General Conditions (section 00700, inclusive).
  - 4. Supplementary Conditions (Section 00800, inclusive).
  - 5. Specifications as listed in the table of contents of the Project Manual.
  - 6. Addenda (numbers \_\_\_\_\_ to \_\_\_\_\_, inclusive).
  - 7. Exhibits to this Agreement (enumerated as follows):
    - a. Contractor’s Bid (Section 00410, inclusive).
  - 8. Prevailing Wage Rates, as included herein.
  - 9. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
    - a. Notice to Proceed (pages \_\_\_\_\_ to \_\_\_\_\_, inclusive).
    - b. Work Change Directives.
    - c. Change Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

- C. There are no Contract Documents other than those listed above in this Article 9.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

## **ARTICLE 10 – MISCELLANEOUS**

### *10.01 Terms*

- A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

### *10.02 Assignment of Contract*

- A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

### *10.03 Successors and Assigns*

- A. Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

### *10.04 Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

### *10.05 Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:
  - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement. Counterparts have been delivered to Owner and Contractor. All portions of the Contract Documents have been signed or have been identified by Owner and Contractor or on their behalf.

This Agreement will be effective on \_\_\_\_\_ (which is the Effective Date of the Agreement).

OWNER:

CONTRACTOR

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

CORPORATE SEAL

Attest  
: \_\_\_\_\_

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

License No.: \_\_\_\_\_

(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Agreement.)

(Where applicable)  
Agent for service of process:  
\_\_\_\_\_

END OF SECTION

SECTION 00600

BONDING AND CERTIFICATES

PART 1 – GENERAL

1.01 BONDS

- A. Contractor shall furnish performance and labor and materials payment bonds to the City prior to commencement of the work. Premiums for such bonds shall be paid for by the Contractor.
- B. The bonds shall be in accordance with section 5.01 and 5.02 of the standard general conditions of the construction contract. They shall provide security for the faithful performance of the contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in the connection with the contract, each in an amount at least equal to one hundred percent (100%) of the contract amount. The surety on such bonds shall be secured from the surety company licensed to do business in the State of Wisconsin. Failure to provide these bonds within ten (10) days of Contract award will be grounds for termination of the Contract.

1.02 CERTIFICATES

- A. Contractor shall furnish the Village with a certificate of insurance prior to commencement of the work.

END OF SECTION

## SUPPLEMENTARY CONDITIONS

### GENERAL

The Supplementary Conditions amend or supplement the "Standard General Conditions of the Construction Contract" (EJCDC No. C-700, 2007 Edition) and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

### ARTICLE 1 - DEFINITIONS

The terms used in these Supplementary Conditions, which are defined in the Standard General Conditions of the Construction Contract, have the meanings assigned to them in the General Conditions.

#### SC 1.01

Amend the definition entitled "1.17 Drawings" by adding the following language:

"Whenever the word Plans is used in the Specifications, it shall have the same meaning as the word Drawings as defined in this definition."

Add the following definitions:

1.53. Furnish – To supply and deliver to the Project ready for installation and in operable condition.

1.54. Install – To place in final position, complete, anchored, connected, and in operable condition.

1.55. Provide – To furnish and install, complete.

#### SC 1.02

Add the following new paragraph immediately after Paragraph 1.02.F:

G. The Specifications are written in imperative mood and streamlined form. This imperative language is directed to the Contractor, unless specifically noted otherwise. The words "shall be" are included by inference where a colon (:) is used within sentences or phrases.

### ARTICLE 2 - PRELIMINARY MATTERS

#### SC 2.02.

Amend the first sentence of Paragraph 2.02 of the General Conditions to indicate the number of copies of Contract Documents as follows:

Four copies of the Contract Documents shall be furnished.

SC 2.05.C.

Delete Paragraph 2.05.A.3. of the General Conditions in its entirety and replace with the following:

2.05.A.3 Delivery of evidence of insurance: When CONTRACTOR delivers the executed Agreement to OWNER, CONTRACTOR shall also deliver to OWNER, with a copy to each additional insured identified certificates of insurance (and other evidence of insurance which OWNER or any additional insured may reasonably request) which CONTRACTOR is required to purchase and maintain in accordance with Article 5.

Before any Work at the site is started, OWNER will deliver to CONTRACTOR certificates of insurance (and other evidence of insurance which CONTRACTOR or any additional insured may reasonably request) which OWNER is required to purchase and maintain in accordance with Article 5.

SC 2.07.

Amend the first sentence of the last Paragraph 2.07 of the General Conditions by inserting the words "Except for Unit Price Work," at the beginning of the sentence.

SC 2.08.

Add new paragraphs immediately after Paragraph 2.07. of the General Conditions which are to read as follows:

2.08 Pre-Construction Conference

2.08.1. The conference will be held at a location selected by OWNER. The conference shall be attended by:

2.08.1.a. CONTRACTOR's Office Representative.

2.08.1.b. CONTRACTOR's On-Site Superintendent.

2.08.1.c. CONTRACTOR's Safety Representative.

2.08.1.d. CONTRACTOR's "hands on" individual designated by CONTRACTOR to process and submit Shop Drawings and other submittals to ENGINEER.

2.08.1.e. Any Subcontractors' or Suppliers' representatives whom CONTRACTOR may desire to invite or ENGINEER may request.

2.08.1.f. OWNER's Representatives.

- 2.08.1.g. ENGINEER's Representatives and any ENGINEER's Consultants ENGINEER may invite.
- 2.08.1.h. Local Utilities Representatives.
- 2.08.2. A suggested format would include, but not be limited to, the following subjects:
  - 2.08.2.a. Project safety.
  - 2.08.2.b. Presentation of the preliminary progress schedule and preliminary schedule of Shop Drawing and Sample submissions in accordance with Section 01310.
  - 2.08.2.c. Liquidated damages.
  - 2.08.2.d. Procedures for handling submittals such as Shop Drawings and other submittals.
  - 2.08.2.e. Direction of correspondence, and coordinating responsibility between CONTRACTORS.
  - 2.08.2.f. Project meetings.
  - 2.08.2.g. Equal opportunity requirements.
  - 2.08.2.h. Laboratory testing of material requirements.
  - 2.08.2.i. Procedures for inventory of material and equipment stored on-site or off-site, if off-site storage is authorized.
  - 2.08.2.j. Review schedule of values, application for progress payment, and progress payment procedures.
  - 2.08.2.k. Change Order procedures.
  - 2.08.2.l. CONTRACTOR's proposed Erosion Control Plan.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT AMENDING REUSE

SC 3.02.A

Add the following new item immediately after 3.02.A2:

- 3. Sections of Division I – General Requirements govern the execution of the work of all Sections of the Specifications

ARTICLE 4 – AVAILABILITY OF LANDS: SUBSURFACE AND PHYSICAL CONDITIONS, REFERENCE POINTS

SC 4.02

Delete 4.02.A and 4.02.B in their entirety and insert the following:

- A. No reports of explorations or tests of subsurface conditions at or contiguous to the Project Site are known to the Owner or Engineer.

ARTICLE 5 - BONDS AND INSURANCE

SC 5.01

Add the following new paragraph immediately after Paragraph 5.01.C:

- D. Separate Performance and Payment Bonds should be submitted utilizing EJCDC Form C-610 and C-615 (2007 Editions) or a similar bond form if approved by Owner.

SC 5.02.

Add the following language at the end of Paragraph 5.02. of the General Conditions:

In addition, no further progress payments under the Agreement will be made by OWNER until CONTRACTOR complies with the provisions of this paragraph.

SC 5.03.B

Delete Paragraph 5.03.B in its entirety and insert the following:

- A. Failure of Owner to demand such certificates or other evidence of full compliance with these insurance requirements or failure of Owner to identify a deficiency from evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- B. By requiring such insurance and insurance limits herein, Owner does not represent that coverage and limits will necessarily be adequate to protect Contractor and such coverage and limits shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner in the Contract Documents.

SC 5.04.

Add the following paragraphs to 5.04:

The limits for liability insurance shall provide coverages for not less than the following amounts or required by law, whichever is greater:

- A. Worker's Compensation:
  - 1. State: Statutory
  - 2. Federal (e.g., Longshoremen's and Harbor: As Applicable Workers Act, Jones Act or Admiralty Act):
  - 3. Policy shall have other states coverage.
  
- B. Employer's Liability:
  - 1. Each Accident \$500,000
  - 2. Policy Limit \$1,000,000
  - 3. Each Employee \$500,000
  
- C. Commercial General Liability including:
  - 1. Personal Injury
  - 2. Blanket Contractual Liability
  - 3. Premises - Operations
  - 4. Products and Completed Operations
  - 5. Broad Form Property Damage
  - 6. Independent Contractors Protective Liability
  - 7. Explosion, Collapse and Underground Coverage (when applicable).
  - 8. Non-Owned Watercraft Liability (when applicable).
  - 9. The General Aggregate per project endorsement must be included.
  - 10. Limits:
    - a. General Aggregate \$1,000,000
    - b. Product-Comp/ops Aggregate \$1,000,000
    - c. Personal and Advertising Injury \$1,000,000
    - d. Each Occurrence \$1,000,000
    - e. Fire Damage (any one fire) \$50,000
    - f. Medical Expense (any one person) \$5,000
  
- D. Business Automobile Liability including Contractual Liability:
  - 1. Owned, Hired and Non-Owned Vehicles (combined single limit): \$1,000,000
  
- E. The CONTRACTOR shall include the OWNER by endorsement as additional insured on the CONTRACTOR's General Liability Policy as respects to this project.
  
- F. The CONTRACTOR shall provide an Umbrella Liability Policy of Two Million Dollars (\$2,000,000).
  
- 5.04.B.4. The Contractual Liability coverage required by Paragraph 5.04B.4 of the General Conditions shall provide coverage for not less than the following amounts:

(1) General Aggregate: \$5,000,000

- (2) Each Occurrence  
(Bodily Injury and Property Damage): \$5,000,000

5.04.B.5. The cancellation clause on all certificates of insurance shall read as follows:

Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will mail 30 days written notice to the certificate holder named herein. (No modification to this clause will be accepted.)

SC 5.06.

Delete Paragraph 5.06. of the General Conditions in its entirety and insert the following in its place:

5.06. CONTRACTOR shall purchase and maintain until final payment property insurance upon the Work at the site to the full insurable value thereof (subject to such deductible amounts as may be provided in these Supplementary Conditions or required by Laws and Regulations). This insurance shall include the interests of OWNER, CONTRACTOR, Subcontractors and OWNER's consultants in the Work (all of whom shall be listed as insured or additional insured parties), shall insure against the perils of fire and extended coverage, shall include "all-risk" insurance for physical loss and damage including theft, vandalism and malicious mischief, collapse and water damage, and such other perils as may be provided in these Supplementary Conditions, and shall include damages, losses and expenses arising out of or resulting from any insured loss or incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers, architects, attorneys and other professionals). If not covered under the "all-risk" insurance or otherwise provided in these Supplementary Conditions, CONTRACTOR shall purchase and maintain similar property insurance on portions of the Work stored on and off the site or in transit when such portions of the Work are to be included in an Application for Payment. The policies of insurance required to be purchased and maintained by CONTRACTOR in accordance with this paragraph 5.06 shall comply with requirements of GC-5.06.C.

## ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

SC 6.06.

Delete the words "Supplementary Conditions" in two places and replace with the words "Instructions to Bidders" in Paragraph 6.06.B. of the General Conditions.

Add the following new paragraph immediately after Paragraph 6.06G:

H. Contractor shall pay interest of 1-1/2 percent per month or any part of a month to the subcontractor, supplier, or other entity on any amount not paid on time to the subcontractor, supplier, or other entity. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the Contractor shall pay the actual penalty due to the subcontractor, supplier, or other entity. A Subcontractor, supplier, or

other entity who prevails in a civil action to collect interest penalties from a Contractor must be awarded its cost and disbursements, including attorney's fees included in bringing the action.

SC 6.08.

Amend the first sentence of Paragraph 6.08.A by replacing the words "the Supplementary Conditions" with the words "Division 1 – General Requirements."

Delete the last sentence in Paragraph 6.08. of the General Conditions and replace with the following:

Unless otherwise specified in the General Requirements or Specifications, CONTRACTOR shall pay all charges of utility owners for connections to the Work, and OWNER shall pay all charges of such utility owners for capital costs related thereto such as plant investment fees.

SC 6.16.1

Add a new paragraph immediately after Paragraph 6.16. of the General Conditions which is to read as follows

6.16.1. In emergencies affecting the safety or protection of persons or property or maintenance of temporary construction at the site or adjacent thereto, and CONTRACTOR cannot be reached, OWNER may act to attempt to prevent threatened damage, injury, or loss. OWNER will give CONTRACTOR and ENGINEER prompt written notice of such action and the cost of the correction or remedy shall be charged against CONTRACTOR. A Change Order will be issued to document the change in Contract Price.

SC 6.17.E.3.

Add a new subparagraph immediately after Paragraph 6.17.E.3. of the General Conditions shall read as follows:

6.17.E.4. After ENGINEER has reviewed and approved a Shop Drawing or Sample CONTRACTOR shall provide the material or equipment approved. ENGINEER will not review subsequent submittals of a different manufacturer or Supplier unless CONTRACTOR provides sufficient information to ENGINEER that the approved material or equipment is unavailable, time of delivery will delay the construction progress, or OWNER request a different manufacturer or Supplier.

SC 6.19.A

Delete the words "representation of" in the second sentence

SC 6.20.

Delete Article 6.20.C. of the General Conditions in its entirety.

## ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

### SC 9.03.1. Resident Project Representative

Add a new paragraph immediately after paragraph 9.03 of the General Conditions as follows:

Resident Project Representative will assist ENGINEER, and will have the following responsibilities and authority:

#### A. General:

RPR is ENGINEER's agent at the site, will act as directed by and under the supervision of ENGINEER, and will confer with ENGINEER regarding RPR's actions. RPR's dealings in matters pertaining to on the on-site work shall in general be with ENGINEER and CONTRACTOR, keeping OWNER advised as necessary. RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of CONTRACTOR. RPR shall generally communicate with OWNER with the knowledge of and under the direction of ENGINEER.

#### B. Duties and Responsibilities of RPR:

1. *Conferences and Meetings:* Attend meetings with CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
2. *Review of Work, Rejection of Defective Work, Inspections and Tests:*
  - a. Conduct on-site observations of the Work in progress to assist ENGINEER in determining if the Work is in general proceeding in accordance with the Contract Documents.
  - b. Report to ENGINEER whenever RPR believes that any Work will not produce a completed Project that conforms generally to the Contract Documents or will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise ENGINEER of Work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
  - c. Verify that tests, equipment and systems start-ups and operating and maintenance training are conducted in the presence of appropriate personnel, and that CONTRACTOR maintains adequate records thereof; and observe, record and report to ENGINEER appropriate details relative to the test procedures and start-ups.

d. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to ENGINEER.

3. *Interpretation of Contract Documents:* Report to ENGINEER when clarifications and interpretations of the Contract Documents are needed and transmit to Contract clarifications and interpretations as issued by ENGINEER.

4. *Records:*

Prepare a daily report or keep a diary of log book, recording CONTRACTOR's hours on the job site, weather conditions, data relative to questions of Work Change Directives, Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to ENGINEER.

5. *Reports:*

a. Furnish to ENGINEER periodic reports as required of progress of the Work and of CONTRACTOR's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.

b. Consult with ENGINEER in advance of scheduled major tests, inspections or start of important phases of Work.

c. Report immediately to ENGINEER and OWNER the occurrence of any accident.

6. *Completion:*

a. Before ENGINEER issues a Certificate of Substantial Completion submit to CONTRACTOR a list of observed items requiring completion or correction.

b. Conduct a final inspection in the company of ENGINEER, OWNER and CONTRACTOR and prepare a final list of items to be completed or corrected.

c. Observe whether all items on final list have been completed or corrected and make recommendations to ENGINEER concerning acceptance and issuance of the Notice of Acceptability of the Work.

C. Limitations of Authority by RPR: Resident Project Representative:

1. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items), unless authorized by ENGINEER.

2. Shall not exceed limitations of ENGINEER's authority as set forth in the Agreement or the Contract Documents.
3. Shall not undertake any of the responsibilities of CONTRACTOR, Subcontractors, Suppliers, or CONTRACTOR's superintendent.
4. Shall not advise on, issue directions relative to or assume control over any aspect of the means, methods, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
5. Shall not advise on, issue directions regarding or assume control over safety precautions and programs in connection with the Work.
6. Shall not accept Shop Drawing or Sample submittals from anyone other than CONTRACTOR.
7. Shall not authorize OWNER to occupy the Project in whole or in part.
8. Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by ENGINEER.

SC 9.08.

Delete Paragraph 9.08. of the General Conditions in its entirety and insert the following in its place:

- 9.08. ENGINEER will have authority to determine the actual quantities and classifications of items of Unit Price Work performed by CONTRACTOR, and the written decisions of ENGINEER on such matters will be final, binding on OWNER and CONTRACTOR, and not subject to appeal (except as modified by ENGINEER to reflect changed factual conditions.)

SC 9.10.F.

Add a new paragraph immediately after Paragraph 9.10.E. of the General Conditions:

- 9.10.F. When ENGINEER is on the Project site to perform the duties and responsibilities as set forth in the Contract Documents, ENGINEER will comply with CONTRACTOR's safety plans, programs, and procedures. In the event ENGINEER determines that CONTRACTOR's safety plans, programs, and procedures do not provide adequate protection for ENGINEER, ENGINEER may direct its employees to leave the Project site or implement additional safeguards for ENGINEER's protection. If taken, these actions will be in furtherance of ENGINEER's responsibility to its own employees only, and ENGINEER will not assume any responsibility for protection of any other persons or property affected by the Work. In the event ENGINEER observes situations which appear to have potential for immediate and serious injury to persons or property, ENGINEER may warn the persons who appear to be affected by such situations. Such warnings, if issued, shall be given based on general humanitarian concerns, and ENGINEER will not, by the issuance of

any such warning, assume any responsibility to issue future warnings or any general responsibility for protection of persons or property affected by the Work.

## ARTICLE 10 - CHANGES IN THE WORK; CLAIMS

### SC 10.01.C.

Add the following subparagraph immediately after Paragraph 10.01.B. of the General Conditions:

10.01.C. Notice of the amount or extent of the claim shall include the following certification:

Subject to future penalties for perjury, CONTRACTOR hereby certifies that this claim is made in good faith, that the supporting data are accurate and complete to the best of CONTRACTOR's knowledge and belief, and that the amount or time requested accurately reflects the Contract adjustment for which CONTRACTOR believes OWNER is liable.

### SC 10.03.4.

Add a new sentence at the end of Paragraph 10.03 of the General Conditions which is to read as follows:

10.03.4. Change Orders will be prepared on the form included in this Project Manual.

### SC 10.05.B

Amend Paragraph 10.05.B. of the General Conditions by deleting the words "thirty days" and inserting the words "ten days" in their place, and deleting the words "sixty days" and inserting the words "thirty days" in their place.

## ARTICLE 11 - COST OF THE WORK; CASH ALLOWANCES; UNIT PRICE WORK

### SC 11.03.

Delete Paragraph 11.03.C. of the General Conditions in its entirety and insert the following in its place.

11.03.C The unit price of an item of Unit Price Work shall be subject to reevaluation and possible adjustment under the following conditions:

11.03.C.1. If the total cost of a particular item of Unit Price Work amounts to 5% or more of the Contract Price and the variation in the quantity of that particular item of Unit Price Work performed by CONTRACTOR differs by more than 25% from the estimated quantity of such item indicated in the Agreement;

11.03.C.2. If there is no corresponding adjustment with respect to any other item of Work; and

11.03.C.3. If CONTRACTOR believes that CONTRACTOR has incurred additional expense as a result thereof, or if OWNER believes that the quantity variation entitles OWNER to an

adjustment in the unit price, either OWNER or CONTRACTOR may make a claim for an adjustment in the Contract Price in accordance with Article 12 if the parties are unable to agree as to the effect of any such variations in the quantity of Unit Price Work performed.

Add a new paragraph immediately after Paragraph 11.03. of the General Conditions:

11.03.1. Except as provided for in Paragraph 15.01., CONTRACTOR shall make no claim for damages for delay in the performance of the Work occasioned by acts or neglect by OWNER or any of its representatives, including ENGINEER or ENGINEER's Consultant, or because of any injunction which may be brought against OWNER or its representative, including ENGINEER or ENGINEER's Consultant, and agrees that any such claim shall be fully compensated for by an extension of time in an amount equal to the time lost due to such delay, and that such time extension shall be CONTRACTOR's sole and exclusive remedy for such delay.

## ARTICLE 12 - CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

SC 12.01.B.2.

Delete Paragraph 12.01.B.2. of the General Conditions in its entirety and insert the following in its place:

12.01.B.2. Where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum which includes an allowance for overhead and profit in accordance with Paragraph 12.01.C.2.

SC 12.06

Add a new paragraph immediately after Paragraph 12.06.B of the General Conditions as follows:

12.06.C In no event shall OWNER be liable to CONTRACTOR, any Subcontractor, any Supplier, any other person or organization, or to any surety for or employee or agent of any of them, for damages arising out of or resulting from delays that do not extend the Work beyond the Contract Times.

SC 12.07.

Add a new paragraph immediately after Paragraph 12.06. of the General Conditions as follows:

12.07. Time extensions provided under Paragraphs 12.03., 12.04., and 12.05 of the General Conditions will be only allowed for controlling items of Work (critical path).

## ARTICLE 13 - TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

SC 13.03.C.

Add a new sentence at the end of Paragraph 13.03.C. of the General Conditions which is to read as follows:

It is not the intent of this paragraph to require CONTRACTOR to be responsible for the cost of OWNER or ENGINEER to witness inspections or tests unless otherwise set forth in the Specifications.

## ARTICLE 14 - PAYMENTS TO CONTRACTOR AND COMPLETION

### SC 14.02.A.1.

Amend the first sentence of Paragraph 14.02.A.1. of the General Conditions by striking out the words "twenty days" and inserting the words "thirty days" in their place.

### SC 14.02.B.1.

Amend the first sentence of Paragraph 14.02.B.1. of the General Conditions by striking out the words "ten days" and inserting the words "thirty days" in their place.

### SC 14.04.

Add new paragraphs immediately after Paragraph 14.04.B. of the General Conditions which are to read as follows:

14.04.C. CONTRACTOR's request for issuance of a Certificate of Substantial Completion shall include schedules, guarantees, maintenance and operations instructions, Bonds, certificates or other evidence of insurance required by Paragraph 5.04., certificates of inspection, affidavit of wage rate compliance, marked-up record documents (as provided in Paragraph GC 6.12) and other documents.

### SC 14.07.

Amend the first sentence of Paragraph 14.07.A.1 of the General Conditions by striking out the following words:

"and has delivered in accordance with the Contract Documents all maintenance and operating instructions, schedules, guarantees, Bonds, certificates or other evidence of insurance, certificates of inspection, marked up record documents (as provided in Paragraph 6.12), and other documents."

### SC 14.07.A.3

Delete paragraph 14.07.A.3.

## ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION

### SC 15.04.

Amend Paragraph 15.04. of the General Conditions by striking out the words "thirty days" in four places and inserting the following words in their place, "sixty days", and by striking out the words "seven days" in two places and inserting the following words in their place, "ten days".

## ARTICLE 17 - MISCELLANEOUS

SC 17.01.

Delete Paragraph 17.01. of the General Conditions and insert the following in its place:

17.01. Whenever any provision of the Contract Documents requires the giving of a written notice or the delivery of any Bond, Agreement, Certificate of Insurance or any other item, it shall be deemed to have been validly delivered if given in person to the individual, to a member of the firm or to an officer of the corporation for whom it is intended, or if given at or sent by registered or certified mail (return receipt), postage prepaid, to the last business address known to the deliverer of the article.

SC 17.06. and SC 17.10.

Add six new paragraphs after Paragraph 17.05. of the General Conditions which is to read as follows:

17.06. Lien Waivers:

**OWNER may at any time during the Work or before Substantial Completion of the Work require CONTRACTOR to furnish lien waivers for labor and materials used.**

17.07. Agreement to Hold Harmless:

By entering into the Agreement that is part of these Contract Documents, CONTRACTOR hereby agrees to release, waive, and further agrees to indemnify, hold harmless, or reimburse OWNER, its elected governing body, individual elected officials of the governing body, the officers, and employees of OWNER, from and against any claim, liability, or expense of any kind asserted against them for any losses, damages, or expenses arising out of, during, or in connection with the Work specified and performed as part of the Agreement.

SC-17.08. Equal Employment Opportunity Requirements

In connection with the performance of Work under this Contract, CONTRACTOR agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability or national origin as defined in s. 51.01(5), Wisconsin Statutes. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONTRACTOR further agrees to take affirmative action to ensure equal employment opportunities for persons with disabilities. CONTRACTOR agrees to post in conspicuous places, available for employees and applicants

for employment, notices setting forth the provisions of the nondiscrimination clause, a copy of which is included in the Project Manual.

SC-17.09.      Liquidated Damages

Should the CONTRACTOR fail to complete the Work within the Contract Time of Completion set forth in the Instructions to Bidders and Agreement Form or within extra time as may be allowed by extensions, there shall be deducted from any monies due or that may become due CONTRACTOR, the sum specified in the Agreement Section 4.3 for each and every calendar day, including Sundays and holidays, that the Work shall remain uncompleted. This sum shall be considered and treated not as a penalty but as fixed, agreed and liquidated damages due OWNER from CONTRACTOR because of OWNER's loss of income and other costs incurred resulting from the failure to complete the Work within the time specified. Permitting CONTRACTOR to continue and finish the Work or any part of it after the time fixed for its completion may have been extended, shall in no way operate as a waiver on the part of OWNER of any of its rights under the Contract.

After Substantial Completion, if CONTRACTOR shall neglect, refuse or fail to complete the remaining Work within the time specified for completion of cleanup and temporary pavement marking by dates specified in the Instructions to Bidders and Agreement Form and readiness for final payment or any proper extension thereof granted by OWNER, CONTRACTOR shall pay OWNER the sum specified in the Agreement Section 4.3, plus additional engineering and inspection costs, as set forth in Paragraph 14.10 of the Supplementary Conditions, for each day that expires after the time specified in the Contract, for completion and readiness for final payment.

END OF SUPPLEMENTARY CONDITIONS

## SECTION 01060

### REGULATORY REQUIREMENTS

#### PART 1 – GENERAL

##### 1.01 PERMITS

- A. The Contractor shall procure all necessary permits and licenses, pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work.
- B. All work requiring permits or licenses shall abide by the governing permit/license specifications where they exceed the requirements stated in these specifications.

##### 1.02 COMPLIANCE WITH LAWS

- A. The Contractor, his subcontractors, agents and employees, shall at all times, observe and comply with all Federal and State laws, local laws, ordinances, codes and regulation which in any manner affect the conduct of the work and all such orders or decrees as exist at the present and which may be enacted later, by bodies or tribunals having jurisdiction or authority over the work. He shall protect and save harmless the Owner and all of its representatives, the engineer/architect and all his representatives, against any claim or liability arising from the violation of any law, ordinance, code, regulation or order.
- B. In particular, the Contractor and his subcontractors shall comply with all local ordinances regulating noise levels, dust, mud, roadway load limits and provide barricades/warning devices required at the site.
- C. In particular, Contractor shall comply with all Federal and State laws concerning OSHA and Contractor shall bear all responsibilities of “contractor” as OSHA defines it despite any incidental on-site monitoring of job progress or any construction inspection done by the Owner or its representatives.

END OF SECTION

## SECTION 01100

### SUMMARY

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Basic description of the Project and work restrictions.

##### 1.02 SUMMARY OF WORK

- A. Project Name: Stonewall Connection Trail, Ridgeway Rd to Eagle Dr
- B. Description of Work: This work includes the construction of a hot mix asphalt shared use path.
- C. Alignment of path may vary depending on existing conditions. The Engineer will review the alignment prior to grading and determine if path should be altered. The Engineer will provide written authorization to proceed with grading and notes on changes to the alignment for the contractors use. The contractor must have written authorization from the engineer before proceeding with grading operations.
- D. The slope limits are approximate and can change as a result of alignment changes and / or the need to restore a larger or smaller area due to grading operations. No changes to unit prices will be allowed for any fluctuations to the quantity of any of the bid form items.

##### 1.03 COMPLETION DATES

- A. Substantial Completion: Set forth in the Agreement and Supplementary Conditions.
- B. Final Completion: Set forth in the Agreement, and Supplementary Conditions.

##### 1.04 LIQUIDATED DAMAGES

- A. Provisions for liquidated damages, if any, are set forth in the Agreement, and in the Supplementary Conditions.

##### 1.05 WORK RESTRICTIONS

- A. Use of Project Site:
  - 1. Location of construction facilities, staging areas, product stockpiles, material storage, and temporary construction are shown on the Drawings and shall be removed upon completion of work.

2. Keep existing driveways and entrances clear and available to the public and to the Owner.
3. If additional space is needed, obtain and pay for such space off Project Site.

## PART 2 – PRODUCTS

Not Used

## PART 3 – EXECUTION

### 3.01 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01200

### PRICE AND PAYMENT PROCEDURES

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Administrative and procedural requirements for pricing of work, and request for payment procedures.

##### 1.02 BID UNIT PRICES

- A. Provide access and assist Engineer/Architect in determining actual quantities of Bid Unit Price work.
- B. Provide documentation to substantiate Bid Unit Price work.
- C. If the Contractor delivers and places more of any material that is paid for on a Bid Unit Price basis than is required to perform the work and thereby causes the materials to be wasted, the quantity wasted will be deducted from the final measurement for that Bid Item.

##### 1.03 PAYMENT PROCEDURES

- A. See the General Conditions and Supplementary Conditions for payment procedures.
- B. Submit 1 preliminary copy of progress payment application for review, consistent with Article 14 of the General Conditions. Submit 4 signed copies of Application for Payment to Engineer/Architect prior to the dates identified at the Preconstruction Conference.
- B. Attach the following supporting documentation, in addition to the requirements of General Conditions Article 14: and Supplementary Conditions:
  - 1. Documentation to substantiate Bid Unit Price work.
  - 2. Updated construction schedule consistent with Section 01330 – Submittal Procedures.

#### PART 2 – PRODUCTS

Not Used

PART 3 – EXECUTION

3.01 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

SECTION 01310

PROJECT MANAGEMENT AND COORDINATION

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. General requirements for overall Project coordination.

1.02 UTILITIES

- A. Notify Diggers Hotline before starting construction in a given area requesting utility locates in the Project Site.
- B. Project Utility Sources: Coordinate work with the following utility owners. The following utilities are known to be on the Project Site, water, sanitary sewer, storm sewer, electric, gas, telephone and cable TV.
- C. Utility Field Contacts:
  - Diggers Hotline: (800) 242-8511
  - We Energies Gas (Tom Minesal): (414) 540-5377
  - We Energies Electric (Al Schmitt): (262) 338-7662
  - AT&T Engineering Svc. (Steve Ubert): (414) 535-7420
  - Charter Communications (Tom Harycki): (262) 306-8756, ext 206
  - Village of Jackson (Brian Kober): (262) 677-9001

1.03 COOPERATION AND COORDINATION WITH OTHER CONTRACTORS

- A. The Contractor shall work in harmony with other Contractors, or with utilities, municipality or Owner's forces engaged in collateral work. In case of dispute, the decision of Engineer/Architect shall be final and binding upon the parties affected.

1.04 PERMITS

- A. See Section 01060 – Regulatory Requirements.

1.05 NOTICE TO PROCEED

- A. Contractor shall notify all appropriate governmental and regulatory units, including emergency services departments, at least 3 working days prior to his commencing operations of his intent to start work.

- B. Contractor shall notify the Owner, the Engineer/Architect, Municipality, and all utilities and/or underground facilities locators, whose property may be affected by the Contractor's operations, at least 3 working days prior to his commencing operations of his intent to start work.
- C. Continuing notice shall be given to the Owner and Inspector each time construction is resumed after shutdown.

#### 1.06 SURVEYING AND CONSTRUCTION OBSERVATION

- A. Provide the City / Owner and Resident Project Representative a minimum of 72 hours notice in advance of the need for data in order to establish lines, grades, measurements, provide grade checks, and observation of work.
- B. The Contractor is responsible for the construction staking for all items requiring staking. The cost of the staking is included in the cost of the corresponding bid item.
- B. The Village will furnish a Resident Project Representative.
- C. Surveying
  - 1. The Contractor will provide survey as necessary to accomplish the work.
  - 2. The Contractor shall check the accuracy of the survey and shall be responsible for the protection and preservation of such stakes. Any expense incurred for additional staking caused by Contractor's or subcontractor's neglect will fully be the contractors responsibility.
  - 3. The Contractor shall be responsible for all lines, elevations, and measurements of all work executed by them under the contract. Contractor must exercise proper precaution to verify figures before laying out work, and will be held responsible for any error resulting from their failure to exercise such precaution.
- D. Construction Observation
  - 1. All services rendered by the Owner's Architect and Engineer will consist of professional opinions and recommendations in accordance with the generally accepted construction Engineering practices. Under no circumstances is it the intent of the site representative to directly control the physical activities of the Contractor or the Contractor's workers accomplishment of work on this project. The purpose of the field representatives at the site is to provide monitoring of the Contractor's work, and does not include any superintending, supervising, or direction of the actual work.

## 1.07 PROJECT MEETINGS

### A. Administrative Requirements:

1. Project Superintendent or persons designated by the Contractor to attend and participate in the Project meetings shall have all required authority to commit the Contractor to solutions agreed upon in the Project meetings.
2. Contractor will set the time, sites, and prepare the agenda for the meetings.
3. Contractor will prepare meeting minutes and distribute to all participants. Participants are to notify Contractor of inaccuracies or discrepancies in the meeting minutes within 5 calendar days of receipt of the minutes.
4. The attendance and cooperation of subcontractors and suppliers may be required.

### B. Preconstruction Conference:

1. Provisions for the Preconstruction Conference are set forth in the General Conditions and Supplementary Conditions.
2. Requirements for preconstruction submittals are set forth in the General Conditions and Supplementary Conditions. Submittal procedures shall be consistent with Section 01330 – Submittal Procedures.

### C. Progress Meeting Procedures:

1. Schedule for construction progress meetings will be determined at the preconstruction conference. Progress meetings throughout the duration of the Project will be held to assess the progress of the work, identify and discuss Project related issues, and discuss near-term construction activities.

## 1.08 SUBMITTALS

- A. Shop Drawings: See Section 01330 – Submittals.

## PART 2 – PRODUCTS

Not Used

PART 3 – EXECUTION

3.01 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01330

### SUBMITTAL PROCEDURES

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. General procedures and requirements for submittals during the course of construction.

##### 1.02 SEQUENCING AND SCHEDULING

- A. Schedule submittals consistent with the Contractor's schedule of shop drawings.
- B. Shop drawings, product data, samples, and administrative and closeout submittals presented for review and approval. Submittals to be presented to the Architect/Engineer (Bloom Companies, LLC) and the Owner as required.

#### PART 2 – PRODUCTS

Not Used

#### PART 3 – EXECUTION

##### 3.01 CONSTRUCTION SCHEDULE

- A. Submit preliminary schedule and progress schedule consistent with the General Conditions.
- B. Prepare schedules on 11 inch x 17 inch sheets showing overall sequence of construction. Organize the schedule by work activity. Identify separate stages of each work activity:
  - 1. List work items in chronological sequence. Show beginning and completion dates of each activity. Include all activities with an estimated duration of 3 days or longer.
  - 2. Format schedule as a horizontal bar chart. Provide separate bars for each activity or trade.
  - 3. Provide space for revisions and notations.
  - 4. Identify interrelations between activities.

5. Include estimated times for preparation of submittals by Contractor, processing and review of submittals by Engineer/Architect, fabrication, delivery, installation, testing, start-up, instruction of Owner, and clean-up.
- C. As work progresses, revise, update, and resubmit schedule as requested by Engineer/Architect. At a minimum, update schedule with each Application for Payment. Show all activities started or finished since previous schedule was submitted and show percentage of completion for each activity.

### 3.02 EMERGENCY CONTACT LIST

- A. Before any work at the Project Site is started, submit a typed list on 8-1/2 inch x 11 inch paper outlining 24 hour on-call contacts for the Project. This list shall include the Contractor's safety representative, key representatives from the Contractor, subcontractors, and suppliers. Include the following information for each contact:
1. Company name.
  2. Contact person(s).
  3. Local and mobile phone numbers.
  4. Fax number.

### 3.03 SHOP DRAWINGS AND MANUFACTURERS' INFORMATION

- A. Conform to the requirements of the General Conditions, except as modified herein
- B. The minimum sheet size shall be 8-1/2 inch x 11 inch. Non-legible copies will not be reviewed.
- C. Submit a minimum of 3 copies of shop drawings, plus the quantity of copies the Contractor wants returned. Each copy shall contain the following information:
1. Date of submission and date of any previous submittals.
  2. Project Title.
  3. Names Of: Contractor, subcontractor, supplier, and manufacturer.
  4. Identification of product and Specification Section number.
  5. Identification of revisions from previous submittals.
  6. A 4 inch x 4 inch blank space for the Engineer/Architect's stamp.

- D. Engineer/Architect's review will be in conformance with the requirements of the General Conditions, except as modified herein.
- E. Engineer/Architect will stamp shop drawings and indicate requirements for Contractor's review or resubmittal as follows:
  - 1. "Reviewed" – Appears that items covered by the submittal will after installation or incorporation into the work conform to the information given in the Contract Documents and appears to be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
  - 2. "Reviewed – Make Corrections Noted" – Appears that items covered by the submittal will after installation or incorporation into the work conform to the information given in the Contract Documents and appears to be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents, except as noted by Engineer/Architect.
  - 3. "Revise and Resubmit" – Appears that items covered by the submittal will not after installation or incorporation into the work conform to the information given in the Contract Documents and will not be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Contractor shall revise submittal and conform to the resubmittal procedures described in the General Conditions.
  - 4. "Rejected" – Appears that items covered by the submittal will not after installation or incorporation into the work conform to the information given in the Contract Documents and will not be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Contractor shall conform to the resubmittal procedures described in the General Conditions.
- F. Engineer/Architect will return reviewed submittals to Contractor by U.S. Postal Service general delivery. If Contractor wants Engineer/Architect to expedite return delivery, Contractor shall notify Engineer/Architect in writing and reimburse Owner for delivery plus 15 percent mark-up.

### 3.04 TEST REPORTS

- A. Submit 3 copies of all inspections, tests, and approvals required in the Specification.

### 3.05 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01400

### QUALITY REQUIREMENTS

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Information required for conformance to regulatory requirements.
- B. Quality assurance.
- C. Procedures to measure and report the quality and performance of the work.

##### 1.02 REFERENCE STANDARDS

- A. Whenever a product is specified in accordance with a Federal Specification an ASTM Standard, an American National Standard Institute Specification, or other Association Standard, the Contractor shall present an affidavit from the manufacturer when requested by the Engineer/Architect or required in the Specifications, certifying that the product complies with the particular standard or specification. When requested by the Engineer/Architect or specified, support test data shall be submitted to substantiate compliance.
- B. Comply with all Federal, State, and Local codes and requirements.

##### 1.03 SUBMITTALS

- A. Prior to start of work, submit testing laboratory name for various specified tests for approval by Engineer/Architect.
- B. Submit copies of laboratory test results or analysis consistent with Section 01330 – Submittal Procedures.
- C. Manufacturer's certificates of quality control or performance.
- D. Test Results:  
Cite applicable contract requirements, tests, or analytical procedures used. Provide actual results and include a statement that the item tested or analyzed conforms or fails to conform to specified requirements. Conspicuously stamp the cover sheet for each report in large red letters 'CONFORMS" or "DOES NOT CONFORM" to the specification requirements, whichever is applicable. Test results shall be signed by a testing laboratory representative authorized to sign certified test reports.

#### 1.04 TESTS AND INSPECTIONS

- A. Conform to the requirements of the General Conditions, except as modified herein.
- B. Notify Engineer/Architect 72 hours prior to expected time for operations requiring tests and inspections.
- C. Contractor is responsible for the cost of all soil and material testing.
- D. Provide incidental labor and facilities to obtain and handle samples at Project Site or source, transport samples to laboratory, facilitate tests and inspections for storing and curing of test samples.

#### 1.05 LABORATORY REPORTS

- A. After each inspection and test, submit 3 copies of Laboratory Report to Engineer/Architect.
- B. Include: Date issued, Project Title and number, name of inspector, date and time of sampling or inspection, identification of product and Specifications Section, location in the Project, type of inspection or test, date of test, results of tests, and conformance with Contract Documents.

#### 1.06 LABORATORY RESPONSIBILITIES

- A. Test samples and perform field tests.
- B. Provide qualified personnel. Cooperate with Engineer/Architect and Contractor in performance of services.
- C. Ascertain compliance with the requirements of the Contract Documents.
- D. When requested by Engineer/Architect, provide interpretation of test results.

#### 1.07 LIMITS ON TESTING LABORATORY AUTHORITY

- A. Laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents.
- B. Laboratory may not approve or accept any portion of the work.
- C. Laboratory may not assume any duties of Contractor.
- D. Laboratory has no authority to stop work.

#### 1.08 ACCREDITED TESTING LABORATORIES

- A. Acceptable accreditation programs are the National Institute of Standards and Technology (NIST), National Voluntary Laboratory Accreditation Program (NVLAP), the American Association

of State Highway and Transportation Officials (AASHTO) program, and the American Association for Laboratory Accreditation, (A2LA) program. Furnish to the Engineer/Architect, a copy of the certificate of Accreditation, Scope of Accreditation and the latest directory of the accrediting organization for accredited laboratories. The scope of the laboratory's accreditation shall include the test methods required by the contract.

#### 1.09 RESPONSIBILITY

- A. The Contractor shall assume complete and sole responsibility for the quality of work. If changes or adjustments are recommended by the Contractor, they may be made only upon written approval from the Engineer/Architect.
- B. The Contractor shall assume full responsibility for the furnishing of uniform and satisfactory materials.
- C. The Contractor will be required to continually update on a daily basis and complete a set of as-built drawings on a set of construction plans. The field superintendent shall initial each deviation or revision and shall at completion of the project certify the accuracy of the as-built drawings. These drawings shall be available for the Owner's and Engineer/Architect's use.

#### 1.10 AUTHORITY OF THE ENGINEER/ARCHITECT

- A. All work shall be done in compliance with the Contract Documents. The Engineer/Architect shall decide all questions regarding the quality and acceptability of materials furnished, work performed, workmanship, rate of progress of work, and interpretation of the plans and specifications. The Engineer/Architect shall decide all questions of acceptable fulfillment of the contract under the specifications.
- B. The Engineer/Architect's Failure to reject what is in his opinion to be substandard work or materials does not imply his acceptance of said work or materials. The Owner may, at any subsequent time, recover damages for or require that the General Contractor replace substandard work or material regardless of his failure to reject said work or materials.

#### 1.11 AUTHORITY AND DUTIES OF INSPECTORS

- A. Building Inspectors employed by the Owner, Local Municipality, and the State of Wisconsin shall be authorized to inspect all work done and all material furnished. Such inspection may extend to all or any part of the work and to the preparation, fabrication or manufacture of the material to be used. The inspector is not authorized to revoke, alter or waive any requirements of the specifications, nor is he authorized to approve or accept any portion of the completed project. He shall call the work or materials to conform to the specifications and contract, and shall have the authority to reject material. Any dispute between the Inspector and Contractor shall be referred to the Engineer/Architect.

Any advice, which the Inspector may give the Contractor, shall in no way be construed as binding the Owner in any way or releasing the Contractor from fulfilling any of the terms of the contract.

#### 1.12 WORKMANSHIP

- A. All workmanship shall conform and comply with industry standards and to the best standard practice of the region except where more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship. Unless otherwise specified, the specifications or recognized association of manufacturers and contractors or industrial manufacturers shall be used as guides for the standards of workmanship.
- B. All exposed items of work shall present a neat workmanlike appearance and shall be as true to shape and alignment as possible to obtain with measuring or leveling instruments generally used in the respective type of work. Items of work shall be sound and fully protected against damage and premature deterioration. It is specifically understood, the Contractor agrees to abide by the decision of the Engineer/Architect and the Owner.

#### 1.13 DEFECTIVE MATERIALS

- A. All materials and workmanship not conforming to the requirements of the Contract Documents shall be considered as defective, and all such materials, whether in-place or not, shall be rejected and shall be removed from the work by the contractor at his expense. Upon failure on the part of the Contractor to comply with any order of the owner relative to the provisions of this article, the Owner shall have the authority to remove and replace such defective material and to deduct the cost of removal and replacement from any monies due or which may become due the Contractor.

#### 1.14 PLANS AND SPECIFICATION TO BE AVAILABLE

- A. The Contractor shall keep a legible copy of the plans, specification, and all permits at the site of the work at all times.

#### 1.15 MANUFACTURER'S CERTIFICATES

- A. If requested by Engineer/Architect, submit manufacturer's certificate with shop drawings certifying that products meet or exceed specified requirements executed by responsible officer.

### PART 2 – PRODUCTS

Not Used

PART 3 – EXECUTION

3.01 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01500

### TEMPORARY FACILITIES AND CONTROLS

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Miscellaneous temporary facilities required during construction. The work on this section shall be provided as it applies.

##### 1.02 REFERENCES

- A. As a minimum, the provisions of the Wisconsin State Highway Specifications and Wisconsin State Manual for Uniform Traffic Control Devices shall be met. All traffic control procedures shall be subject to the approval of the Engineer/Architect.
- B. The latest IBC Code and Village of Jackson codes and ordinances.

##### 1.03 SUBMITTALS

- A. Submit Traffic Management and Control Plan consistent with Section 01330 – Submittal Procedures. The Traffic Management and Control Plan shall be submitted 2 calendar weeks prior to beginning work. If revisions are needed, the Contractor shall revise the plan and resubmit. The Traffic Management and Control Plan must be approved by the Engineer prior to beginning work. The Plan shall include the following information:
  - 1. Haul and access routes.
  - 2. Traffic control measures.
  - 3. Permits or applications required by local authorities.
  - 4. Temporary facilities required.
- B. Submit shop drawings for Manholes consistent with Section 01330 – Submittal Procedures.

#### PART 2 – PRODUCTS

Not Used

## PART 3 – EXECUTION

### 3.01 MOBILIZATION

- A. Move personnel, equipment, materials, and all other items required to complete the work at the Project Site.
- B. Temporarily hold or relocate utilities and any miscellaneous structures, such as signs, power poles, guy wires and mail boxes disturbed.

### 3.02 UTILITY MARKERS, PLANTING BEDS REMOVAL AND REPLACEMENT

- A. Remove, relocate, store carefully, and replace all utility markers that may be within the Construction Limits as directed by Engineer/Architect.
- B. Remove, relocate, store carefully, and replace all plant material within designated planting beds within the Construction Limits as directed by Engineer/Architect.

### 3.03 TEMPORARY UTILITIES

- A. Provide and maintain all temporary facilities, utilities, and controls as long as needed for the safe and proper completion of the work. Remove all temporary facilities, utilities, and controls as rapidly as progress will permit or as directed by Engineer/Architect.
- B. Temporary Water for Construction:
  - 1. A **PERMIT IS REQUIRED** from the Water Utility prior to any water use.
  - 2. Contractor may use existing hydrants with a **PERMIT** from Village of Jackson. Contractor is responsible to pay all charges.
  - 3. Obtain water for construction from locations designated by the Village of Jackson.

### 3.04 TRAFFIC CONTROL

- A. Provide and maintain all traffic control devices needed to guide, warn, control, and protect traffic throughout the Project Site. All traffic control devices and other protective measures shall conform to State of Wisconsin DOT codes and requirements.
- B. Remove traffic control devices at the conclusion of the work.
- C. Flaggers are required to protect construction vehicles during unloading or construction materials. Conform to the requirements of the Wisconsin DOT, the Flagging Handbook included in the Field Manual for Temporary Traffic Control Zone Layouts, and the following: while on duty

flaggers shall wear hard hats and reflectorized florescent orange vests; and flaggers shall be fully clothed when on duty with shirt or blouse, slacks or trouser, and sturdy shoes.

- D. Traffic control shall be the responsibility of the Contractor.
- E. The Contractor shall be responsible for the erection and maintenance of all barricades, lights, and signs necessary for public safety and convenience in accordance with all applicable requirements. In general, all hazards within the limits of the work or on detour around the work must be marked with well-painted, well-maintained barricades, reflectors, electric lights, flashers, and warning and directional signs in sufficient quantity and size adequate to protect life and property. These safe-guards shall be moved, changed, increased, or removed as required during the progress of the work to meet changing conditions.
- F. Field Quality Control:
  - 1. Daily inspect and insure that all traffic control devices required by the construction are in accordance with the Wisconsin DOT codes and requirements. Any discrepancy between the actual devices in use and the required devices shall be immediately rectified.
  - 2. Furnish names, addresses, and phone numbers of at least 3 individuals responsible for the placement and maintenance of traffic control devices. At least 1 of these individuals shall be "on call" 24 hours per day, 7 days per week during the time any traffic control devices furnished and installed by the Contractor are in place.
  - 3. Provide access for emergency vehicles and busses to all residences at all times as it applies.
  - 4. Respond to any request from the Engineer/Architect to improve or correct the usage of traffic control devices on or related to this Project within 1 hour of the time of notification.
  - 5. Keep all traffic control signs and devices in a legible condition. This shall include but not be limited to removing snow, grime, and dust deposited on any device by traffic, natural causes, or when requested by Engineer/Architect.
  - 6. Upon completion of the work, the entire site will be finished in a first class condition. Street damage repaired, and any damage to walks, curbs, and drives repaired. Drives and walks cleaned of any mud and debris. The work will be done by the Contractor whose division of work it falls under at no additional cost to the Owner.
  - 7. The Contractor shall be responsible for all damage resulting from his work operations to any utilities or private property. He shall also be responsible for damage to pavement, sidewalks, curbs, gutters, trees, shrubbery, or lawns which are scheduled to remain.

### 3.05 TEMPORARY BARRIERS AND ENCLOSURES

#### A. Temporary Barriers:

1. Provide temporary covers, enclosures, markers, and barriers as necessary to protect work.
2. Damage to the Project Site caused by removal of temporary fencing, including postholes, shall be promptly repaired by Contractor. During removal at no time shall the work remain unattended if a dangerous condition exists because of incomplete removal or Project Site repairing.

### 3.06 CONSTRUCTION AND DEMOLITION DEBRIS

- A. The Contractor shall at all time keep the site, including all private or public property involved in or adjacent to the site, free from any rubbish, surplus, or waste materials.
- B. The Contractor shall remove all surplus materials, tools, and equipment leaving the site and all portions of the finished work clean, unobstructed and ready for use before Final Completion will be granted. After written notification, the Town may remove all rubbish, surplus, or waste materials which the Contractor has neglected or refused to remove from the site and deduct the costs of such removal from any monies due the Contractor.
- C. The Owner or its Representative shall have the right to regulate the work in order to control objectionable dust, mud, or other nuisances in or adjacent to the area of the site.
- D. The Contractor must arrange for a disposal site for all debris and rubble which is to be removed from the site.
- F. Any excavated material in excess of that required to complete the project shall become the property of the Contractor.
- G. Contractor's costs for disposal of material shall be included in Contractor's bid price for the various items of this Contract and no extra or additional payment shall be made for this work.

### 3.07 STREET AND RIGHT-OF-WAY USE

- A. The Contractor shall furnish the Engineer/Architect with a listing of all proposed haul routes for approval prior to commencement of work. See 1.03 Submittals above.
- B. Contractor shall be responsible to keep all streets, drives, and parking lots in the area free of mud, clay, gravel, and other materials which vehicles or equipment may track or scatter onto them, or which may be deposited by uncontrolled drainage of water directly onto streets or drives.

- C. Frequency of cleaning shall be based upon amount of material deposited, not necessarily done on a fixed schedule.
- D. Contractor failure to comply with these requirements within twenty-four hours after being given notice by the Owner will result in the Owner having streets cleaned and deducting costs from amount due Contractor.
- E. Vehicles and equipment shall not be flushed out or dumped onto any streets, drives, walks, gutters, or on grounds of any private property.
- F. Contractor shall maintain dust-free roadways at all times. Roadway surfaces shall be kept watered.

### 3.08 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Traffic Control (Project) shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for Traffic Control Drums shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- C. Measurement and payment for Traffic Control Signs shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- D. All other work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01570

### TEMPORARY EROSION AND SEDIMENTATION CONTROL

#### PART 1 – GENERAL

##### 1.01 DESCRIPTION

- A. Erosion and sediment control shall include the following:
  - 1. Placement of temporary erosion control protection, maintenance of erosion control, removal of erosion control and restoration as required by the permits and as shown on the plans.
  - 2. Some erosion control measures indicated on the drawings or in the specifications may not be necessary depending on site conditions.
- B. Erosion and sediment control shall comply with the following:
  - 1. Compliance with the Village of Jackson erosion control ordinance.
  - 2. Compliance with the Construction Site Erosion and Sediment Control Stormwater Management Technical Standards.

##### 1.02 SEQUENCING AND SCHEDULING

- A. Install erosion control measures prior to starting any construction operation, which might cause any sedimentation or siltation.
- B. Remove silt fence and inlet protection after the site has become stabilized and turf is developed to the extent that future erosion is unlikely. The Owner and/or Engineer will direct the Contractor to when this removal shall occur.

#### PART 2 – PRODUCTS

##### 2.01 GENERAL

- A. Erosion control consists of, placement and maintenance of all erosion and sediment control systems and reinstallation for the duration of the Contract. It includes, but is not limited to silt fence, inlet protection, erosion mat and temporary ditch checks.
- B. The Contractor shall field verify that locations of erosion and sediment control materials on the plan are most effective. Any changes made are to the erosion control plan must be approved by the Engineer.

## 2.02 INLET PROTECTION TYPE B

- A. Furnish Inlet Protection Type C according to WisDOT Section 628.3.13.

## 2.03 SILT FENCE

- A. 2" x 2" wood stakes, driven a minimum of 24" deep, with a maximum of 3' spacing between stakes shall be connected with lath and staples to the engineering fabric, Mirafi "Envirofence" or equal. Trench along fence shall be a minimum depth of 6" deep. Fabric shall be anchored in the trench, which will also be backfilled with natural soil and then tamped. The support post anchorage should be in-situ soil. The silt fence shall have a support cord. Silt fence shall have a maximum flow rate of 10 gallons/minute/square foot at 50 mm constant head as determined by multiplying permittivity in 1/second as determined by ASTM D-4491 by a conversion factor of 74. See construction details / standard detail drawings.

## 2.04 EROSION MAT CLASS I TYPE B

- A. Furnish Erosion Mat Type I Type B according to WisDOT Section 628.

## 2.05 TEMPORARY DITCH CHECKS

- A. Temporary ditch checks shall be triangular-shaped having a height of at least eight to ten inches (8"-10") in the center with equal sides and a sixteen- to twenty-inch (16"-20") base.
- B. The triangular-shaped inner material shall be urethane foam.
- C. The outer cover shall be a woven geotextile fabric placed around the inner material and allowed to extend beyond both sides of the triangle two to three feet (2' to 3').
- D. Standard length of each dike will be seven feet (7') unless otherwise indicated on the plans.
- E. The dikes shall be attached to the ground with wire staples. The staples shall be No. 11 gauge wire and be at least six to eight inches (6" - 8") long. Staples shall be placed as indicated on the installation detail.

## 2.06 STONE TRACKING PAD

- A. Stone tracking pad shall be constructed of clean No. 3 stone. A minimum pad thickness of 6 inches is required.

## 2.07 EROSION BALES

- A. For bales use straw or hay, or other engineer-approved material in good condition of the dimensions shown on the plans. Erosion bales shall be new and weed free.

## 2.08 CULVERT PIPE CHECKS

- A. Furnish Culvert Pipe Checks according to WisDOT Section 628.

## PART 3 – EXECUTION

### 3.01 GENERAL

- A. All erosion control materials and procedures shall conform to the WDNR/EPA Notice of Intent, Village of Jackson and Washington County Codes, and the WDNR Construction Site Erosion and Sediment Control Stormwater Management Technical Standards, unless otherwise modified by the Contract Documents.

### 3.02 EROSION CONTROL METHODS

- A. All erosion and sediment control measures should be constructed and maintained in accordance with the WDNR Construction Site Erosion and Sediment Control Stormwater Management Technical Standards.
- B. All erosion and sediment control measures should be adjusted to meet field conditions at the time of construction and installed prior to any grading or disturbance of existing surface material.
- C. Maintenance of all erosion and sediment control structures shall be provided to ensure intended purpose is accomplished. Erosion and sediment control measures are to be in working condition at the end of each working day.
- D. Within 24 hours after any significant rainfall, erosion and sediment control structures shall be inspected for integrity. Any damaged structures shall be corrected within 24 hours. Significant rainfall shall be defined as rainfall 0.5” or more.
- E. Erosion and sediment control measures shall not be removed until the area served have established vegetative cover. Land disturbed due to the removal of these structures shall be restored with topsoil, seed, and mulch.
- F. Tracked soil shall be collected from paved roads located near the construction by the end of each work day.
- G. The CONTRACTOR shall not allow unprotected overland flow from dewatering operations. Filter bags shall be used at pump hose discharges for water to flow over until it reaches the final discharge point.

### 3.03 MAINTENANCE

- A. Silt fences shall be inspected weekly and within 24 hours after each rainfall or daily during periods of prolonged rainfall. Needed repair or replacement shall be made immediately.
- B. Sediment and/or debris deposits should be removed after each storm event. Sediment deposits shall be removed when deposits reach 25% the height of the silt fence.
- C. Maintenance of all erosion control shall be the responsibility of the Contractor at no cost to the City.

### 3.05 REMOVAL

- A. After growth has been established and the danger of erosion has passed, the Contractor shall remove all erosion control from the site, remove accumulated silt and restore the area with topsoil, seed, and mulch.

### 3.06 STORM SEWER INLETS:

- A. Install and construct erosion control methods at manholes and catch basins according to Drawings and as detailed in WisDOT Section 628.3.13.
- B. All catch basins located along the curb and gutter shall receive Inlet Protection Type C.
- C. All inlets and manholes with open grate castings shall receive Inlet Protection Type B.

### 3.07 TEMPORARY DITCH CHECKS

- A. The temporary ditch checks are to be installed to contain sediment at intervals as indicated on the plans.
- B. Placement of the temporary ditch checks shall be perpendicular to flow as indicated on the installation detail.
- C. Temporary ditch checks shall be installed immediately after ditch grading and earthwork operations which form a defined ditch or swale.
- C. Functional temporary ditch checks may be re-used at subsequent Blocks/Phases following stabilization of all previously disturbed areas.

### 3.05 STONE TRACKING PAD

- A. The tracking pad shall be minimum 50 feet long, 14 feet wide and shall be placed in such a way to minimize mud and sediment tracking onto Village streets by construction vehicles as shown on the plans.

### 3.08 MEASUREMENT AND PAYMENT

- A. Measurement and payment for the Inlet Protection Type C shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for the Silt Fence shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- C. Measurement and payment for the Silt Fence Maintenance shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- D. Measurement and payment for the Erosion Mat Class I Type B shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- E. Measurement and payment for the Temporary Ditch Checks shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- F. Measurement and payment for the Tracking Pads shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- G. Measurement and payment for the Erosion Bales shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- H. Measurement and payment for the Culvert Pipe Checks shall be according to the Unit Price as noted on the bid form for the complete job as specified herein, on the drawings and according to the permit requirements. No payment shall be made in addition to the Unit Price.
- I. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01600

### PRODUCT REQUIREMENTS

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Basic requirements for products used in the work.

##### 1.02 SUBMITTALS

- A. Submit the following items consistent with Instructions to Bidders:
  - 1. Written request for approval with supporting documentation.
- B. Submit the following items consistent with Section 01330 – Submittal Procedures and General Conditions Article 6.05:
  - 1. Shop drawings for named products and “or-equal” products.

##### 1.03 PRODUCT “OR-EQUAL” PROCEDURES

- A. Procedures During Bidding:
  - 1. Conform to the requirements of the Instructions to Bidders.
- B. Procedures During Construction:
  - 1. Submittal Procedures: Conform to the requirements of Section 01330 – Submittal Procedures.
  - 2. Items not approved as “or-equal” may be resubmitted as a substitute or alternate item.
  - 3. Engineer/Architect will review “or equal” item requests that conform to General Conditions and the following additional supporting documentation:
    - a. Drawings and Specifications.
    - b. Installation lists.
    - c. Performance data, including equipment capacity, strengths, weights, and dimensions.
    - d. Catalog cut-sheets.

- e. Lists of deviations from and exceptions to the Specifications.
  - f. Detailed information for all buy-out items, including motors and drives.
  - g. Lists of materials of construction.
  - h. Maintenance schedules of equipment, including buy-out items.
  - i. Other information deemed necessary at the discretion of Engineer/Architect.
4. Incomplete submittals will be returned to Contractor without review.
  5. Contract times will not be modified due to “or-equal” review process.
  6. Engineer/Architect shall not have to prove that an item is not an “or-equal.”
  7. Owner does not have to accept proposed “or-equal” items.

## PART 2 – PRODUCTS

Not Used

## PART 3 – EXECUTION

### 3.01 DELIVERY

- A. Transport and handle products in accordance with the manufacturer’s instructions.
- B. Handle and lift products only at designated lift points and by methods to avoid soiling, disfigurement, bending, over stressing, and damage.
- C. Store loose granular materials on clean, solid, flat surfaces, and prevent mixing with foreign matter. Store fabricated products supported above the ground on skids or blocking. Provide surface drainage to prevent erosion and ponding of water.
- D. Cover products subject to discoloration or deterioration with impervious sheet covering and protect products from soiling and staining.
- E. Traffic control required for all deliveries to and from the Project Site shall be the responsibility of the Contractor. All flagmen, barricades, flares, and safety measures are the sole responsibility of the Contractor.
- F. It is the responsibility of the Contractor and each and every Subcontractor to arrange for delivery of his materials and equipment to the place of installation, and for removal of

surplus demolition debris and rubbish. Contractor or his agent shall be in attendance to receive delivery of materials, etc. Owner's personnel may not accept delivery. If it becomes necessary for the Owner to accept delivery, arrangements must be made in advance. Because of limited storage space, Contractors are required not to permit materials to be delivered until they are needed.

### 3.02 STORAGE AND HANDLING

- A. Contractor shall confine his equipment, storage of materials and operations of his workmen to limits indicated and shall not bring materials onto the site until reasonably required for progress of work. Storage space will be confined to a designated area of the site. No area outside of construction limits may be used for any purpose by Contractors or subcontractors except as approved by the Owner.
- B. Except as specified under the General Conditions, the Owner assumes no responsibility for materials stored on the site. Contractor assumes full responsibility for damage due to storing of materials.
- C. It is the responsibility of the Contractor to schedule work, storage of materials, etc., so a minimum of interference with the use of the existing premises prevails.
- D. Each Contractor and subcontractor shall be responsible for and shall take such precautions as are necessary to adequately protect from damage or deterioration, and to safeguard from theft or pilferage all materials, tools, and equipment pertaining to his work which are on the site.
- E. Should any material be found defective or in any way contrary to the contract, this material, no matter in what state of completion, may be rejected by the Engineer/Architect and shall be moved from the premises at once.
- F. Storage of materials on or off site is to be insured by the Contractor against loss, theft, and/or damage. The Owner does not assume any liability for any material or product until it is incorporated into the work at the project site and the Contractor has been issued a final project release. Final project release will be concurrent with final payment.

### 3.03 MEASUREMENT AND PAYMENT

- A. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 01700

### EXECUTION REQUIREMENTS

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Requirements for overall execution of the work and closeout of the Contract for Final Payment.

##### 1.02 SUBMITTALS

- A. Submit the following items consistent with the Conditions of the Contract and Division 1 – General Requirements Sections:
  - 1. Record Documents, Written Notification of Substantial Completion Executed Certificate of Substantial Completion, Written Notification of Final Completion,
  - 5. Instructions, schedules, warranties, and other documents.
  - 6. Final Application for Payment, including accompanying documentation. Wage Rates

#### PART 2 – PRODUCTS

Not Used

#### PART 3 – EXECUTION

##### 3.01 EXAMINATION

- A. Acceptance of Conditions: By commencing work, Contractor construes acceptance of the adjacent work as satisfactory to receive subsequent work, and accepts responsibility for the quality of his work.
- B. Existing Conditions: Before commencing work, inspect work completed by others that is adjacent to work. If adjacent conditions prevent completion of work, Contractor will not commence work until the conditions are corrected.
- C. Inspect each product immediately prior to installation. Remove damaged products from Project Site.

### 3.02 GENERAL INSTALLATION REQUIREMENTS

- A. Comply with the manufacturer's instructions for installation of manufactured products to the extent that these instructions are applicable and more explicit or more stringent than requirements indicated in the Contract Documents.
- B. Secure work true to line and level, within recognized industry tolerances, with anchorage devices designed and sized to withstand stresses, vibration, and rocking. Allow for expansion and movement of building.
- C. Install each element of work during weather conditions and Project status to ensure coordination of the work. Isolate each element of work from incompatible work as necessary to prevent deterioration.

### 3.03 PROJECT SITE MAINTENANCE

- A. Maintain stockpiles, excavations, access roads, and all other work areas free from dust. Employ dust abatement techniques whenever a dust nuisance or hazard occurs, or as directed by Engineer/Architect. Comply with local ordinances.
- B. Protect hazardous work areas and hazardous material storage areas.
- C. Protect trees unless specifically indicated on Drawings.
- D. Clean access roads and haul routes with mechanical street sweeper.
- E. If Contractor fails to maintain Project Site, Engineer/Architect will provide Written Notice of Contractor's defective work. Contractor will be given 24 hours from the Notice to clean Project Site. After the 24 hour period, Owner may correct the defective work consistent with the Conditions of the Contract.

### 3.04 CLEANING AND PROTECTION

- A. Clean and protect work in progress and adjoining work during handling and installation. Apply protective covering on installed work where it is required to ensure freedom from damage or deterioration.
- B. Clean and perform maintenance as frequently as necessary throughout construction period to maintain work in a clean condition until work is substantially complete.
- C. Prior to the inspection for substantial completion of the work, remove waste material and rubbish from the site. Remove protective coatings, barriers, and other protective devices, temporary work, and surplus materials.
- D. After substantial completion, remove waste material and rubbish and clean up dirt caused by the Work.

- E. Upon completion of the work, remove tools, construction equipment, machinery, and surplus materials from the site.

### 3.05 SUBSTANTIAL COMPLETION

- A. The work shall be considered substantially complete when the Architect/Engineer issues a Substantial Completion Certificate.
- B. The following items shall be completed prior to issuing the certificate:
  - 1. Work shall be clean
  - 2. A punch list inspection is completed.

### 3.06 FINAL PAYMENT

- A. Upon completion of the project work and as a condition of final payment, the Contractor shall prepare and submit to the Architect/Engineer for transmission to the Owner, all exhibits required by the Project Manual including:
  - 1. Final lien waivers marked "in full" from Contractor, subcontractors, sub-subcontractors, and all material suppliers.
  - 2. Affidavit of compliance with prevailing wage rate determination.
- B. All work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02220

### SITE DEMOLITION

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Complete or partial removal and disposal of at grade, above grade, and below grade structures and miscellaneous items.

##### 1.02 REFERENCES

- A. State of Wisconsin Department of Transportation "Standard Specifications for Road and Structure Construction" - 2015 Edition (WisDOT) and current supplements:
  - 1. Section 201 – Clearing and Grubbing
  - 2. Section 203 – Removing Small Pipe Culverts
  - 3. Section 204 – Removing or Abandoning Miscellaneous Structures
  - 4. Section 690 – Sawing Pavement.

##### 1.03 DEFINITIONS

- A. Remove: To take away, eliminate or remove from the Site by any method selected by the CONTRACTOR and to dispose of material.
- B. Salvage: To dismantle, disassemble, or remove carefully and without damage so the item can be re-assembled, replaced or reused in a workable condition equal to that existing before removal.
- C. Abandon: To fill, bulkhead or close off pipes and structures so that no settlement or flow can occur.

##### 1.04 PROJECT/SITE CONDITIONS

- A. This work consists of removing miscellaneous items within the project site.

##### 1.05 SCHEDULING

- A. Prior to starting work, submit for review by the ENGINEER, and approval by the OWNER, a schedule showing the commencement, order, and completion dates of the various parts of this work.
- B. Fill holes or depressions resulting from removal or salvage immediately.

## PART 2 – PRODUCTS

Not Used

## PART 3 – EXECUTION

### 3.01 GENERAL

- A. Dispose of all items removed, except for those items identified to be salvaged or recycled. Said disposal shall be in accordance with all laws, regulations, statutes, etc.
- B. Perform removal work without damage to adjacent retained work. Where such work is damaged, the CONTRACTOR shall patch, repair, or otherwise restore same to its original condition, at no expense to the OWNER.
- C. Remove debris from the work area as often as necessary, but not less than at least once at the end of each workday. Debris shall be placed in approved containers to prevent the spread of dust and dirt.
- D. Execute the work in a careful and orderly manner, with the least possible disturbance to the public and occupants of buildings.
- E. Fill holes resulting from removals with granular fill, grade 1 consistent with Section 02300-Earthwork.
- F. Moisten surfaces as required to prevent dust from being a nuisance to the public and surrounding neighbors.

### 3.02 PROTECTION

- A. Take all necessary precautions to adequately protect personnel and public and private property in the areas of work. All site fencing shall be in place prior to the start of any removal work.
- B. All street signs, traffic control signs, guy wires, mail boxes, posts, wood fence, etc. which may interfere with construction shall be removed, stored safely, and replaced.
- C. Approved barriers or warning signs shall be provided as necessary.
- D. Provide and maintain temporary protection of existing casting and structures designated to remain where removal work is being done, connections made, materials handled, or equipment moved. Any damage to the existing castings and structures will be corrected at the CONTRACTORS expense.
- E. Conduct operations with minimum traffic interference.

- F. Take reasonable precautions to limit damage to existing turf.
- G. Holes or depressions created by removals shall not be left open for more than one day.
- H. Avoid disturbance to any material beyond the limits required for new construction.

### 3.03 DISPOSING OF MATERIALS

- A. Dispose of all materials outside of the project area. Burying of material and debris is not allowed within the project area.

### 3.04 REMOVING SMALL PIPE CULVERTS

- A. Completely remove small pipe culverts at locations indicated on the plans. If the apron is the only required removal, remove it and connect the remaining product to the storm sewer according to the appropriate drawings and specifications. Even though the sizing of the existing culvert may be larger than 48", comply with Section 203 of the Standard Specifications.
- B. Place granular fill, grade 1 material in removal areas and compact in 6" lifts.
- C. Do not disturb any material beyond the limits required to form for new construction
- D. Conform to Section 203, with the exception of the payment section. The culvert removal shall be included in the cost of the proposed culvert pipe bid item(s).

### 3.05 CLEAR AND GRUB TREE

- A. Clearing and grubbing shall conform to Section 201.

### 3.06 SAWING EXISTING PAVEMENT

- A. Sawcut as directed by the project engineer.
- B. Do not disturb any material beyond the limits required to form for new construction (assumed 12 inches maximum from the back of new work and 6 inches beyond the edge of new driveways).
- C. Conform to Section 690 of Standard Specifications.

### 3.10 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Clearing shall be measured by the Station and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.

- B. Measurement and payment for Grubbing shall be measured by the Station and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- C. Measurement and payment for Sawing Concrete shall be measured by the Lineal Foot and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- D. Measurement and payment for Removing Curb & Gutter shall be measured by the Lineal Foot and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- E. No measurement will be made for the removal of the existing culvert pipe. All work performed as specified and as shown on the drawings will be considered included in the Unit Price bid of Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 48x76-Inch and/or corresponding apron endwalls.
- F. All other work and costs of this Section shall be included in the cost of the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02300

### EARTHWORK

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Excavation Common, cutting, filling, and grading.

##### 1.02 REFERENCES

- A. State of Wisconsin, Department of Transportation "Standard Specifications for Highway and Structure Construction" - 2015 Edition (WisDOT).

##### 1.03 SITE CONDITIONS

- A. Protect existing sidewalks, structures, utilities, and other features to remain. In the event of damage, immediately make all repairs necessary at no addition cost to the Owner.

#### PART 2 – PRODUCTS

##### 2.01 EXCAVATION COMMON

- A. Excavation Common shall be in accordance with Section 205 of the State of Wisconsin, Department of Transportation "Standard Specifications for Highway and Structure Construction" - 2015 Edition (WisDOT).

#### PART 3 – EXECUTION

##### 3.01 PREPARATION

- A. Install silt fencing and any other erosion control devices necessary to prevent eroded materials from entering storm sewer system or adjacent areas. See Section 01570 for additional erosion and sediment control requirements.

##### 3.02 GENERAL EARTHWORK

- A. Excavation shall conform to WisDOT Section 205.
- B. Remove top soil and cut, fill and grade site to locations indicated, with allowances for asphalt or concrete path and associated aggregate, finish grading, topsoil, and turf establishment. Slope grades to insure temporary and permanent site drainage.

- C. Salvaged Topsoil shall be windrowed or stockpiled in a predetermined location so as to not contaminate the material. Locations of any topsoil stockpiles shall be discussed at the preconstruction conference.
- C. All excavated material shall remain on-site until contractor has determined that required fill material quantity is met and no additional fill will be required. The contractor will not be paid for removing soil from the site and trucking it back to the site. Removed soil shall be disposed of by the Contractor to a disposal site obtained by the Contractor.
- D. Sub-grades for paved areas shall be proof rolled with a fully loaded dump truck in the presence of owner/engineer. Inspection of subgrade by test rolling:
  - 1. The equipment used for test rolling shall be a Tandem Truck with a gross weight of 45,000 pounds.
  - 2. The subgrade will be considered unstable if yielding and rutting is greater than 1-1/2 inches.
- E. Remove all construction debris and cleanup site prior to fine grading.
- F. Fine grade site for seeding operations as detailed in Section 02920. Hand shaping is required adjacent to paved surfaces.

### 3.03 PLACEMENT OF TOPSOIL

- A. Refer to Section 002920 for topsoil placement.
- B. Topsoil shall be salvaged from on-site.

### 3.04 MATERIAL BALANCE

- A. The Contractor shall be responsible for the import or export of soil, sub soil or granular material as necessary to achieve the final grades as shown on the Drawings.

### 3.05 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Excavation Common shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02371

### RIPRAP AND GEOTEXTILE FABRIC

#### PART 1 – GENERAL

##### 1.01 DESCRIPTION

- A. The work to be performed under this section includes furnishing of all materials, parts, labor, tools, equipment and supervision necessary for the installation of the fieldstone riprap at the ends of culverts per the outlet detail.

##### 1.03 REFERENCES

- A. All work performed and material supplied shall conform to the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, 2015 Edition with current Supplements, except as may hereinafter be modified.

#### PART 2 – PRODUCTS

##### 2.01 RIPRAP MEDIUM

- A. Riprap Medium shall be in accordance with Section 606 of the Standard Specifications.

##### 2.02 GEOTEXTILE FABRIC TYPE HR

- A. Geotextile Fabric Type HR shall be in accordance with Section 606 of the Standard Specifications.

#### PART 3 – EXECUTION

##### 3.01 RIPRAP & GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

- A. Riprap and geotextile fabric detail shall be constructed as shown on the Drawings.
- B. Place geotextile fabric over substrate as shown on the Drawings, lap edges and ends.
- C. Riprap may be placed by any mechanical means that produce a completed job as shown on the Drawings. Limit handwork to the amount necessary to fill large voids or to correct segregated areas.
- D. Geotextile Fabric Type HR shall be placed under all Riprap Medium

### 3.02 MEASUREMENT AND PAYMENT

- A. Measurement and payment for the Riprap Medium shall be measured and paid for by the “Cubic Yard” for the complete job as specified here in and on the Drawings. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for the Geotextile Fabric Type HR shall be measured and paid for by the “Square Yard” for the complete job as specified here in and on the Drawings. No payment shall be made in addition to the Unit Price.
- C. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02452

### SIGNAGE

#### PART 1 - GENERAL

The requirements of the Contract Documents, including the General Conditions, the Supplementary Conditions, and Division 1 - General Requirements apply to this section except as modified herein.

##### 1.01 DESCRIPTION

- A. The work includes the furnishing of all materials, parts, labor, tools, equipment and supervision necessary for the installation of sign posts and street signs as shown on the plans.

##### 1.02 QUALITY ASSURANCE

- A. Comply with the following laws, codes, ordinances and regulations:
  - 1. All work performed and material supplied shall conform to the Wisconsin State Administrative Code unless otherwise called for on the plans and specifications.
  - 2. State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, Latest Edition, except as may hereinafter be modified.
  - 3. Local Codes and Ordinances.
  - 4. Wisconsin Construction Site Best Management Practice Handbook.

#### PART 2 – PRODUCTS

##### 2.01 SIGN POSTS

- A. Sign posts shall conform to the standard specifications for wood posts, Section 634 of the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, Latest Edition.

##### 2.02 SIGNS

- A. Roadway signs shall conform to section 637 of the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, Latest Edition. Signs shall be Type II Signs.

## PART 3 – EXECUTION

### 3.01 SIGNS

- A. Once the sign posts are satisfactorily installed the Contractor shall attach the required signs as shown in the plans and directed by the Engineer. Fastening signs to the posts shall be done in accordance with the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, Latest Edition.
- B. Sign sheeting shall be cut to the same size as the 3/4 inch plywood to fit within the within or inside of the bolts holding the vertical 1"x6" members. The 1"x6" base on which the sheeting rests shall be keyed into the vertical 1"x6" piece. Additional screws shall be driven through the bottom horizontal member and into the 4"x6" vertical base members to prevent the lumber from moving.
- C. Full assembly of the sign shall be completed prior to the placement within the concrete footing. The Engineer on-site shall approve the assembly before completing the install and standing up of the sign.
- D. The signs shall have a shop drawing made and approved by the Village of Jackson prior to ordering. Specifics regarding the WDNR and Village of Jackson logos can be obtained from the appropriate contacts found within the plan set for each.
- E. The larger letters found in the trail name and the interchangeable back side of sign text shall be approximately 2" tall x 1 1/4" wide block letters and the smaller letters found towards the bottom of the sign shall be approximately 1 1/8" tall x 3/4" wide block letters.

## PART 4 – MEASUREMENT AND PAYMENT

- A. Measurement and payment for Posts Wood 4x6-Inch 12-FT shall be according to the Unit Price for Each post as noted on the Bid Form, for the complete job as specified herein, on the drawings, and according to the permit requirements.
- B. Measurement and payment for Signs Type II Reflective H shall be according to the Unit Price per Square Foot as noted on the Bid Form, for the complete job as specified herein, on the drawings, and according to the permit requirements. The cost for removal of existing signs and installation of new signs shall be included in the unit price for Signs.
- C. Measurement and payment for WDNR Signs shall be according to the Unit Price per Square Foot as noted on the Bid Form, for the complete job as specified herein, on the drawings, and according to the permit requirements.
- D. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02630

### STORM SEWER AND CULVERTS

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Manholes, castings, fittings, and miscellaneous appurtenances.

##### 1.02 REFERENCES

- A. All labor and material provided under this contract shall be governed by the latest edition and all amendments thereto of the Standard Specifications for Sewer and Water Construction in Wisconsin (SWS), unless otherwise modified in these Specifications, whichever is more restrictive.
- B. All work performed and material supplied shall conform to the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, 2015 Edition with current Supplements, except as may hereinafter be modified.

#### PART 2 – PRODUCTS

##### 2.01 Culvert Pipe Reinforced Concrete Horizontal elliptical Class HE-III 48x76-Inch

All culvert pipe shall conform to section 523 of the standard specifications.

- A. Before setting the culvert pipe, place 12” of class “B” bedding material consisting of 3/8” limestone chips.

#### PART 3 - EXECUTION

##### 3.01 CONSTRUCTION REQUIREMENTS

- A. All materials and installations shall conform to SWS and are subject to the Village Engineer’s approval. All materials of each type or use shall be from a single manufacturer.
- B. Care shall be taken by the Contractor when backfilling to prevent any movement of the pipe from proper alignment and grade. Contractor is responsible for determining that the finished sewer remains at the required elevation and grade.
- C. Mechanically compact all trench backfill per SWS, Section 2.614(b). The initial lift to be compacted shall have a 2’ loose thickness. Each subsequent lift to be compacted shall have

a maximum 18" loose thickness. Contractor shall place thinner lifts if the required compaction cannot be achieved.

- D. All culvert pipe shall be free from debris, sedimentation, or garbage prior to Village acceptance.
- E. CONTRACTOR shall supply a two-year warranty to the Village guaranteeing workmanship and materials of construction.

### 3.02 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76-Inch shall be measured and paid by the Unit Price as noted on the Bid Form, for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for Storm Sewer Pipe Reinforced Concrete Class HE-III 48x76-Inch shall be measured and paid by the Unit Price as noted on the Bid Form, for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- C. All other work and costs of this Section shall be incidental to the Project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02720

### AGGREGATE BASE COURSE

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Production and placement of dense graded base course under paved surfaces.

##### 1.02 REFERENCES

- A. State of Wisconsin Department of Transportation "Standard Specifications for Highway and Structure Construction" - 2015 Edition (WisDOT):
  - 1. Section 301 – General Requirements for Base Aggregates.
  - 2. Section 305 – Dense Graded Base.

##### 1.03 DEFINITIONS

- A. Subgrade: Subgrade shall be considered the native material found directly below the paved surfaces as shown on Drawings.

##### 1.04 SEQUENCING AND SCHEDULING

- A. Place aggregate base only after all of the following have been completed to the satisfaction of the Engineer:
  - 1. Subgrade has been corrected for instability problems and successfully passed the rolling test.
  - 2. Subgrade has been checked for conformance to line and grade tolerances (string line).

#### PART 2 - PRODUCTS

##### 2.01 MATERIALS

- A. Base Aggregate Dense 1 ¼ -Inch: Conform to the requirements of WisDOT Section 305.2, 100 Percent Crushed Stone.

## PART 3 – EXECUTION

### 3.01 EXAMINATION

- A. Confirm Engineer's acceptance of the subgrade before placing dense graded base course.

### 3.02 PREPARATION

- A. Prepare the subgrade in accordance with WisDOT Section 301.3.2.

### 3.03 CONSTRUCTION METHODS

- A. Construct the Base Aggregate Dense 1 ¼ -Inch Course in accordance with the requirements of WisDOT 305.3, except as modified below:
  - 1. Compact the aggregate base according to WisDOT 301.3.4.3 – Special Compaction, except that each layer shall be compacted to 100 percent of the determined maximum density using a Standard Proctor Test.

### 3.04 FIELD QUALITY CONTROL

- A. The Engineer will sample the aggregate base at the Project Site. The rate of sampling is at the discretion of the Engineer. The samples will be submitted to a testing lab to be tested for proof of conformance to material gradation, determination of maximum density and optimum moisture, and other quality requirements.
- B. Density and moisture tests will be taken on the compacted aggregate base, at the location and testing rates designated by the Engineer.
- C. Tolerance: The finished surface of the aggregate base shall not vary more than 0.03 foot above or below the prescribed elevation at any point where measurement is made. Maintain base course until bituminous surface has been installed.

### 3.05 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Base Aggregate Dense 1 ¼ -Inch shall be measured by load tickets and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02740

### ASPHALTIC SURFACE AND PAVEMENT MARKINGS

#### PART 1 – GENERAL

##### 1.01 DESCRIPTION

- A. Work in this section shall include paving with asphaltic surface, pavement marking, and removing pavement marking for the shared use path as shown on the Drawings.

##### 1.02 REFERENCE

- A. The work under this section shall comply with following sections of the State of Wisconsin Department of Transportation, Standard Specifications for Highway and Structure Construction, 2015 Edition with current Supplements, except as may hereinafter be modified.
- B. Pavement Marking shall be in accordance with the standards and dimensions of the “Manual on Uniform Traffic Control Devices” (MUTCD) Millenium Edition.

##### 1.02 SUBMITTALS

- A. The Contractor shall provide a Job Mix Formula that will be used on the project, not more than 12 months old, and two weeks prior to the start of the paving operations.
- B. Epoxy Material Data Sheet shall be provided to Engineer 3 days prior to marking.

##### 1.03 QUALITY CONTROL

- A. The Contractor shall provide and maintain a quality control program. A quality control program is defined as all the activities, including mix design, process control inspection, sampling and testing, and necessary adjustments in the process that are related to the production of a hot mix asphaltic pavement which meets the requirements of the specifications.
- B. Plant acceptance
  - 1. Asphaltic mixtures for paving shall be produced in a plant approved by the Owner or recognized public agency.
  - 2. Prior to placing asphaltic mixtures, submit to the Engineer for approval the name of the plant proposed for use and the names of the approving agencies.

## 1.04 QUALITY ASSURANCE

The Engineer may obtain samples of the mix from the plant or the paver to test for compliance to specifications. Samples may be tested for asphaltic cement content and/or aggregate gradation.

## PART 2 – PRODUCTS

### 2.01 ASPHALTIC MATERIALS

- A. Asphaltic surface shall comply with the applicable provisions of the Standard Specifications, Section 465.
- B. Asphalt delivered to the site shall arrive at a temperature of 300 ° F plus or minus 25 ° F. Any trucks not meeting this requirement shall be rejected.

### 2.03 PAVEMENT MARKINGS

- A. Paint material shall comply with WisDOT Section 646.2.2.

## PART 3 – EXECUTION

### 3.01 GENERAL

- A. Paving
  - 1. Asphaltic Surface shall be placed in 2 lifts, a 2-inch base course and a 2-inch wear course as shown on the Drawings and in accordance with Section 465 of the Standard Specifications.
  - 2. Tack Coat shall be applied between lifts, if the two required lifts are not made within the same calendar day. Tack Coat shall conform to Section 455 of the Standard Specifications. Tack coat shall be included in the cost of the Asphaltic Surface bid item.
- B. Compaction
  - 1. Lower and Upper layers shall be compacted to a minimum density of 91.5% percent of the Target Maximum Density as defined in Section 460.3.3.1.
- C. Pavement Marking
  - a. Pavement Marking shall be placed as shown on the Drawings and in accordance with Section 646 of the Standard Specifications.

- b. Removing Pavement Markings shall be completed as directed by the Engineer and as shown on the Drawings and in accordance with Section 646 of the Standard Specifications.
- D. Sawing Concrete
  - a. Sawing Concrete shall be completed as shown on the Drawings and in accordance with Section 690 of the Standard Specifications.

### 3.02 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Asphaltic Surface shall be measured by load tickets and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. No measurement will be made for Tack Coat, material or placement. All work performed as specified and as shown on the drawings will be considered included in the Unit Price bid of Asphaltic Surface.
- C. Measurement and payment for Pavement Markings shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- D. No measurement for Removing Pavement Markings. All work performed as specified and as shown on the drawings or associated with placement of new pavement markings will be considered included in the Unit Price bid of the proposed pavement marking bid items.
- E. Measurement and payment for Sawing Concrete shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- F. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02750

### CONCRETE

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Construction of cast-in-place concrete sidewalk and pedestrian curb ramps.

##### 1.02 REFERENCES

- A. State of Wisconsin Department of Transportation "Standard Specifications for Highway and Structure Construction" - 2015 Edition (WisDOT):
  - 1. Section 301 – General Requirements for Base Aggregates.
  - 2. Section 305 – Dense Graded Base.
  - 3. Section 601 – Concrete Curb and Gutter
  - 4. Section 602 – Concrete Sidewalks, Loading Zones, Safety Islands, and Steps

##### 1.03 SUBMITTALS

- A. Laboratory Test Reports: Submit two (2) copies of laboratory test reports for concrete materials and mix design tests.

##### 1.04 QUALITY ASSURANCE

- A. Codes and Reference Standards: Comply with the provisions of the following codes, specifications and standards, except as otherwise specified:
  - 1. ACI 301 – “Specifications for Structural Concrete for Buildings”.
  - 2. ACI 304 – “Recommended Practice for Measuring, Mixing, Transporting and Placing Concrete”.
  - 3. Comply with requirements of all authorities having jurisdiction.

##### 1.05 PROJECT CONDITIONS

- A. Traffic Control: Maintain access for vehicular and pedestrian traffic as required for other construction activities.

## PART 2 – PRODUCTS

### 2.01 MATERIALS

#### A. Forms:

1. Either steel or wood, size and strengths to resist movement during concrete placement and to retain horizontal and vertical alignment until removal. Use forms that are straight and free of distortion and defects.
2. Use flexible spring steel forms or laminated boards to form radius bends as required.
3. Coat forms with a non-staining form release agent that will not discolor or deface the surface of the concrete.

#### B. Pre-Molded Joint Filler: ASTM D1725.

#### C. Concrete Materials:

1. Conform to WisDOT Standard Specifications Section 501, air-entrained Grade A.
  - a. Portland Cement: ASTM C150, Type II. Use only one brand of cement throughout the Project.
  - b. Aggregates: AASHTO No. 67. Provide aggregates from a single source.
  - c. Water: Clean, fresh, free from oil, acid, organic matter of other deleterious substances.
  - d. Air-Entraining Admixture: AASHTO M 154.
  - e. Calcium Chloride: Do not use calcium chloride in concrete.

#### D. Sub-Grade Base Material:

1. Aggregated Base Material Conforming to Section 02720 – Aggregate Base Course.

#### E. Curb Ramp Detectable Warning Fields: Approved products

1. Neenah Detectable Warning Plate, or approved equal.

#### F. Moisture-Retaining Cover – One of the Following:

1. Polyethylene Sheeting: AASHTO M 171.
  2. Polyethylene – Coated Burlap.
- G. Membrane Forming Curing Compound: ASTM C309, Type 1, non-yellowing type for exposed sunlight condition use.

## 2.03 CONCRETE MIXING

- A. Provide ready-mix concrete, comply with the requirements of ASTM C94.

## PART 3 – EXECUTION

### 3.01 FORM CONSTRUCTION

- A. Design, erect, support, brace and maintain formwork to support loads.
- B. Design formwork to be readily removable without impact, shock or damage to cast-in-place concrete surfaces and adjacent materials.
- C. Install sufficient lengths of forms to allow continuous progress of the work and so that forms can remain in place at least 48 hours after concrete placement.
- D. Check completed formwork for grade and alignment to the following tolerance:
1. Top of Form Units: Not more than 1/8" in 10'.
  2. Vertical Face: Longitudinal axis, not more than 1/4" in 10'.
- E. Clean forms after each use and coat with form oil as often as required to insure separation from concrete without damage.

### 3.02 CONCRETE PLACEMENT

- A. General:
1. Do not place concrete until subgrade and forms have been checked for line and grade. Moisten under bed as required to provide a uniform, dampened condition at the time concrete is placed. Do not place concrete around manholes or other structures until they have been brought to the required grade and alignment.
  2. Place concrete using methods which prevent segregation of the mix, and with as little rehandling as possible. Consolidate concrete along the face of the forms and adjacent to transverse joints with an internal vibrator. Keep vibrator away from joint assemblies, reinforcements, or side forms. Use only square faced shovels for had

spreading and consolidation. Consolidate with care to prevent dislocation of reinforcing, dowels, and joint devices.

3. Deposit spread concrete in a continuous operation between transverse joints, as far as possible. If interrupted for more than ½ hour, place a construction joint. Sections less than 15 feet in length between transverse joints will not be permitted.

B. Cold Weather Placing:

1. Protect concrete work from physical damage or reduced strengths, which could be caused by frost, freezing actions or low temperatures, in compliance with ACI 306.
2. Do not place concrete on frozen subgrade or on subgrade containing frozen materials.
3. Do not use calcium chloride, salt and other materials containing anti-freeze agents or chemical hardeners.

C. Hot Weather Placing:

1. When hot weather conditions exist that would seriously impair the quality and strengths of concrete place concrete in compliance with ACI 305.
2. Wet forms thoroughly before placing concrete.
3. Do not use retarding admixtures.

### 3.03 PEDESTRIAN CURB RAMP

1. The contractor shall construct a 5” thick concrete curb ramp at each location where the asphalt path or concrete side path intersects with the roadways as shown on the Drawings.
2. Match existing curb ramp opening if possible. If required, remove existing curb and gutter by saw cutting existing pavement and patching if necessary. Saw cut existing curb and gutter approximately 5 feet from the centerline of the curb ramp on each side. Remove existing curb and gutter. Replace curb and gutter by matching existing curb and gutter, then tapering curb to match pedestrian curb ramp and then using a mountable curb and gutter to provide a smooth transition. Gutter flow line to remain the same

### 3.04 PEDESTRIAN CURB RAMP DETECTABLE WARNING FIELDS

1. Detectable Warning Field Panels - Conform to the manufacturer’s recommendations for placement.

2. The required color is federal yellow unless otherwise approved by Village Engineer.

### 3.05 JOINTS

- A. General: Construct joints true to line with face perpendicular to surface of the concrete, unless otherwise shown. Construct transverse joints at right angles to the centerline, unless otherwise required.
- B. Weakened-Plane (Control) Joints: Provide weakened-plane (control) joints, sectioning concrete into areas at a maximum of 6 feet on center. Construct weakened-plane joints for a depth equal to at least 1/4 concrete thickness, as follows:
  1. Tooled Joints: Form weakened-plane joints in fresh concrete by grooving top portion with a recommended cutting tool and finishing edges with a jointer.
- C. Construction Joints: Construction joints shall coincide with expansion joints.
- D. Expansion Joints:
  1. Provide pre-molded joint filler for expansion joints abutting concrete curbs, storm inlets, manholes, structures, and other fixed objects.
  2. Locate expansion joints at a maximum of 36 feet on center.
  3. Extend joint fillers full width and depth of joint. Furnish joint fillers in one-piece lengths for the full width being placed, wherever possible. Where more than one length is required, lace or clip joint filler section together. Form top edge of filler to conform to top profile of concrete except where sealing is indicated.
  4. Except where sealing is indicated, protect the top edge of the joint filler during concrete placement with a metal cap or other temporary material. Remove protection after both sides of joint are in place.

### 3.06 CONCRETE FINISHING

- A. After striking off and consolidating concrete, smooth the surface by screeding and floating. Use hand methods only where mechanical floating is not possible. Adjust the floating to compact the surface and produce a uniform texture.
- B. After floating, test surface for trueness with a 10' straightedge. Distribute concrete as required to remove surface irregularities, and refloat repaired areas to provide a continuous, smooth finish.
- C. Work edges of slabs and formed joints with an edging tool, and round to 1/2' radius, unless otherwise shown. Eliminate tool marks on concrete surfaces.

- D. After completion of floating and when excess moisture or surface sheen has disappeared, complete surface finishing as follows:
  - 1. Provide broom finish, by drawing a fine hair broom across concrete surface, perpendicular to line of traffic. Repeat operation if required to provide a fine line texture acceptable to the Engineer.

### 3.07 CONCRETE CURING AND PROTECTION

#### A. General:

- 1. Protect freshly placed concrete from premature drying and excessive cold or hot temperatures and maintain without drying at a relatively constant temperature for a period of time necessary for hydration of cement and proper hardening.
- 2. Start initial curing as soon as free water has disappeared from concrete surface after placing and finishing. Weather permitting, keep continuously moist for not less than 72 hours.
- 3. Begin final curing procedures immediately following initial curing and before concrete has dried. Continue final curing for at least 168 cumulative hours (not necessarily consecutive) during which concrete has been exposed to air temperatures above 50°F. Avoid rapid drying at end of final curing period. Use moisture-retaining cover or membrane-forming curing compound.

### 3.08 REMOVAL OF FORMS

- A. Formwork may be removed 48 hours after placing concrete, provided concrete is sufficiently hard not to be damaged by form removal operations, and provided curing and protection operations are maintained.

### 3.09 REPAIRS AND PROTECTION

- A. All panels, which are not finished to the satisfaction of the Engineer shall be removed and replaced at no cost to the Owner.
- B. Protect concrete from damage until acceptance of work. Exclude traffic from pavement for at least 14 days after placement. When construction traffic is permitted, maintain pavement as clean as possible by removing surface stains and spillage of materials as they occur.
- C. Sweep concrete pavement and wash free of stains, discolorations, dirt, and other foreign materials prior to inspection.

### 3.10 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Concrete Sidewalk 5-Inch shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for Curb Ramp Detectable Warning Field Yellow shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- C. Measurement and payment for Concrete Curb & Gutter 18-Inch Type D shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- D. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 02920

### LAWNS AND GRASSES

#### PART 1 – GENERAL

##### 1.01 DESCRIPTION

- A. This section includes restoration which is the furnishing of all materials, parts, labor, tools, equipment and supervision necessary for the construction, placement and warranty period of salvaged topsoil, seed mixes and mulch in all disturbed areas. No fertilizer shall be used on the project due to the proximity to the Cedar Creek tributary.

##### 1.02 REFERENCE

- A. This All work shall conform to the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition.

##### 1.03 SUBMITTALS

- A. All seed mixes shall be submitted to Engineer, Village Engineer or Village Forester for approval prior to application.

##### 1.04 WARRANTY

- A. The warranty period for all landscaping shall be one year from final completion and acceptance by Village.
- B. Delays in completion of planting operations which extend the planting more than one season shall extend the warranty period correspondingly.
- C. All planted areas shall be kept properly watered to ensure survival of vegetative species. Contractor shall be required to provide and maintain a guaranteed growth and to repair washouts for one (1) year after final completion.
- D. Coverage: warranty growth and coverage of seeded plants to the following planting performance standard:
- E. The seeded areas should produce erosion free coverage with 80% cover of specified species at the end of the two year warranty period.
- F. Contractor shall not be held responsible for failure due to neglect by the Owner, vandalism, or acts of God during the warranty period.

## PART 2 – PRODUCTS

### 2.01 SALVAGED TOPSOIL

- A. Material shall conform to the requirements of WisDOT Spec. Section 625.
- B. All topsoil shall be salvaged from on-site, and installed at a 4” depth..

### 2.02 LAWN SEED MIX

- A. Lawn seed mix shall conform to Section 630 of the State Specifications. The composition of the seed mixture shall be WisDOT No. 20.

### 2.03 MULCH

- A. Mulch shall conform to Section 627.2 of the Standard Specifications.

## PART 3 – EXECUTION

### 3.01 GENERAL

- A. Areas to be seeded shall have at least 4” of topsoil.
- B. Remove and clean all topsoil and debris from asphalt and concrete trail prior to seeding.
- C. The seeding and mulch operations shall promptly follow the topsoil placement to minimize erosion problems. Any ruts or gullies eroded into the surface between the time the area is graded and when it is seeded and fertilized shall be repaired just prior to the seeding operation.
- D. All restored areas shall be kept properly watered.

### 3.02 TOPSOIL

- A. Salvaged Topsoil shall be placed in accordance with WisDOT Section 625.3.3.
- B. All work shall be trimmed, shaped and restored to the finished grade by means of a grader and other equipment, supplemented by hand work where necessary to produce smooth surfaces and slopes and uniform sections.
- C. Place a minimum 4 inch depth of salvaged topsoil for all seeded areas.

3.03 SEED

- A. Seeding shall be accomplished per Section 630.3.3.1 Method A.

3.04 MULCH

- A. Mulch shall be applied immediately after seeding and shall be placed in accordance with Method B, Section 627.3.2.2 of the State Specifications.

3.05 MEASUREMENT AND PAYMENT

- A. Measurement and payment for Salvaged Topsoil shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- B. Measurement and payment for Seeding Mixture No. 20 shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- C. Measurement and payment for Mulching shall be measured and paid by the Unit Price as noted on the Bid form for the complete job as specified herein and on the drawings. No payment shall be made in addition to the Unit Price.
- D. All other work and costs for this Section shall be incidental to this project and included in the TOTAL BASE BID.

END OF SECTION

## SECTION 03001

### WALL MODULAR BLOCK GRAVITY

#### **A Description**

This special provision describes designing, furnishing materials, and erecting a permanent earth retention system in accordance to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the wall and all wall components shall be 75 years.

#### **B Materials**

##### **B.1 Proprietary Modular Block Gravity Wall Systems**

The department specifies approved modular block gravity wall products on the department's approved products list.

Proprietary wall systems may be used for this work, but must conform to the requirements of this specification and be pre-approved for use by the departments' Bureau of Structures, Structures Development Section. The name of the companies supplying pre-approved material shall be furnished within 25 days after the award of contract. The department maintains a list of pre-approved systems of retaining walls. To be eligible for use on this project, a system must have been pre-approved and added to that list prior to the bid opening date.

Applications for pre-approval may be submitted at any time. Applications must be prepared in accordance to the requirements of chapter 14 of the department's Bridge manual. Information and assistance with the pre-approval process can be obtained by contacting the Structures Development Section in Room 601 of the Hill Farms State Transportation Building in Madison or by calling (608) 266-8494.

##### **B.2 Design Requirements**

It is the responsibility of the contractor to supply a design and supporting documentation as required by this special provision for review by the department to show that the proposed wall design is in compliance with the design specifications. The following shall be submitted to the engineer for review and acceptance no later than 21 days before wall construction will begin.

The design/shop plans shall be prepared on reproducible sheets 11 inch x 17 inch, including borders. Each sheet shall have a title block in the lower right corner. The title block shall include the project identification number and structure number. Design calculations and notes shall be on 8½ inch x 11 inch sheets, and shall contain the project identification number, name or designation of the wall, date of preparation, initials of designer and checker, and page number at the top of the page. All plans and calculations shall be signed, sealed, and dated by a professional engineer licensed in the State of Wisconsin. Four copies of the shop drawings and two copies of the design calculations and supporting materials shall be submitted.

The design of the Modular Block Gravity Wall shall be in conformance to the latest edition of the AASHTO Standard Specifications for Highway Bridges including interim specifications, the standard specifications, and standard engineering design procedures as determined by the department. The design must include analyses that clearly show the factors of safety for overturning, sliding, and soil bearing stress. The width of the modular block from front face to back face of the wall shall be given in the design computations and shown on the wall shop drawings.

The minimum embedment to the bottom of the modular block shall be 1 foot 6 inches, or as specified in the plan.

### **B.3 Wall System Components**

Materials furnished under this contract shall conform to the requirements hereinafter provided.

#### **B.3.1 Backfill**

Wall Backfill, Type A, shall comply with the requirements for coarse aggregate No. 1 as given in standard spec 501.2.5.4. All backfill placed within a zone from the base of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

A layer of Geotextile Fabric Type "DF" (Schedule B) shall be placed vertically between the retained soil and the Type A backfill. The geotextile fabric shall extend from the top of the leveling pad to 6 inches below the surface of the retained soil. The geotextile shall then wrap across the top of the Type A backfill to the back of block wall facing.

#### **B.3.2 Wall Facing**

Provide wall facing units that consist of precast modular concrete blocks. All units shall incorporate a mechanism or devices that will develop a mechanical connection between vertical block layers. Units that are cracked, chipped or have other imperfections in accordance to ASTM C1372 or excessive efflorescence shall not be used within the wall. A single block type and style shall be used throughout each wall. The color and surface texture of the block shall be as given on the plan, or chosen by the engineer.

The top course of facing units shall be a solid precast concrete unit designed to be compatible with the remainder of the wall. The finishing course shall be bonded to the underlying facing units with a durable, high strength, flexible adhesive compound compatible with the block material. A formed cast-in-place concrete cap may also be used to finish the wall. A cap of this type shall be designed to have texture, color, and an appearance that complements the remainder of the wall. The vertical dimension of the cap shall not be less than 3½ inches. Expansion joints shall be placed in the cap to correspond with each 24-inch change in vertical wall height or at a maximum spacing of 10 feet. Concrete for all cast-in-place caps shall be Grade A and shall conform to the requirements of standard spec 501.3.

Block dimensions may vary no more than  $\pm 1/8$  inch from the standard values published by the manufacturer, in accordance to ASTM C1372. Blocks must have a minimum depth (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. Also the minimum allowed thickness of any other portion of the block is 2 inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

Cementitious materials and aggregates for modular blocks shall conform to the requirements of ASTM C1372 section 4.1 and 4.2. Modular blocks shall meet the following requirements:

<b>Test</b>	<b>Method</b>	<b>Requirement</b>
Compressive Strength (psi)	ASTM C140	5000 min.
Water Absorption (%)	ASTM C140	6 max.
Freeze-Thaw Loss (%)	ASTM	
40 cycles, 5 of 5 samples	C1262 <sup>(1)</sup>	1.0 max. <sup>(2)</sup>
50 cycles, 4 of 5 samples		1.5 max. <sup>(2)</sup>

(1) Test shall be run using a 3% saline solution.

(2) Test results that meet either of the listed requirements for Freeze-Thaw Loss are acceptable

All blocks shall be certified as to strength, absorption, and freeze-thaw requirements unless, due to contract changes after letting, certified blocks are not available when required. At the time of delivery of the certified blocks, furnish the engineer a certified test report from a department-approved independent testing laboratory for each lot of modular blocks. The certified test report shall clearly identify the firm conducted the sampling and testing, the type of block, the date sampled, name of the person conducting the sampling, the represented lot, the number of blocks in the lot, and the specific test results for each of the stated requirements of this specification. A lot shall not exceed 5000 blocks. The certified test results will represent all blocks within the lot. Each pallet of blocks delivered shall bear lot identification information. Block lots that do not meet the requirements of this specification or blocks without supporting certified test reports will be rejected and shall be removed from the project at the contractor's expense.

A department-approved independent testing laboratory shall control and conduct all modular block sampling and testing for certification. Prior to sampling, the manufacturer's representative shall identify all pallets of modular blocks contained in each lot. All pallets of blocks within the lot shall be numbered and marked to facilitate random sample selection. The representative of the independent testing laboratory shall identify five pallets of blocks by random numbers and shall then select one block from each of these pallets. Solid blocks used as a finishing or top course shall not be selected. The selected blocks shall remain under the control of the person who conducted the sampling until shipped or delivered to the testing laboratory. All pallets of blocks within a lot shall be strapped or wrapped to secure the contents and tagged or marked for identification. The engineer will reject any pallet of blocks delivered to the project

without intact security measures. The contractor shall remove all rejected blocks from the project at no expense to the department.

The department may conduct testing of certified or non-certified modular blocks lots delivered to the project. The department will not do freeze-thaw testing on blocks less than 45 days old. If a random sample of five blocks of any lot tested by the department fails to meet any of the requirements of this specification (nonconforming), the contractor shall remove from the project site all blocks from the failed lot that have not been installed in the finished work, at no cost to the department, unless the engineer allows otherwise. Nonconforming blocks installed in the finished work will be considered approved by the department as stated in standard spec 106.5(2) and any adjustment to the contract price will not exceed the price of the blocks charged by the supplier.

### **B.3.3 Leveling Pad**

For all walls over 5 feet tall measured from the top of the leveling pad to the top of the wall, the wall leveling pad shall consist of a poured concrete masonry pad made from Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for class II concrete as specified in standard spec 716.. The depth of the leveling pad shall be as shown on the plans or 6-inches minimum. The leveling pad shall be as wide as the blocks plus 6-inches. Six inches of leveling pad shall extend beyond the front face of the blocks. The bottom of the blocks shall be horizontal and 100% of the block surface shall bear on the leveling pad. A concrete leveling pad shall be used for the entire length of the wall. All walls with a Structure Number assigned (such as R-XX-XXX) shall be built using the concrete leveling pad given above. The leveling pad shall step to follow the general slope of the ground line. The leveling pads steps shall keep the bottom of the wall within one block's thickness of the minimum embedment, i.e. minimum embedment plus up to the thickness of one block. Additional embedment may be detailed but will not be measured for payment.

On walls less than or equal to 5 feet in height without a wall number assigned, a compacted leveling pad made from base aggregate dense 1¼ inch as given in standard spec 305 may be used. The depth of the aggregate leveling pad shall be as shown on the plans or 12-inches minimum. The aggregate leveling pad shall be as wide as the blocks plus 12 inches with 12 inches of pad extending beyond the front face of the wall.

## **C Construction**

### **C.1 General**

Construct the modular block gravity wall in accordance to the manufacturer's instructions, at the locations and to the dimensions shown on the plan and as directed by the engineer. At the end of each working day, provide good temporary drainage such that the backfill shall not become contaminated with run-off soil or water if it should rain. Do not stockpile or store materials or large equipment within 10 feet of the front face of the wall.

Place materials in the areas as indicated on the plans and as detailed in this specification. Backfill lifts shall be no more than 8-inches in depth. Backfilling shall closely follow erection of each course of wall facing units.

Compact each layer of wall backfill Type A with at least three passes of lightweight manually operated compaction equipment acceptable to the engineer.

Conduct backfilling operations in such a manner as to prevent damage or misalignment of the wall facing units. At no expense to the department, correct any such damage or misalignment as directed by the engineer.

Do not operate tracked or wheeled equipment within 3 feet of the back face of the blocks. The engineer may order the removal of any large or heavy equipment that may cause damage or misalignment of the wall facing units.

After construction of the wall, restore the surrounding area located above and below all precast block retaining wall sites to its original condition and to the finished details on the plans.

**C.2 Geotechnical Information**

Geotechnical data to be used in the design of the wall is given on the wall plan. The allowable soil bearing capacity is given on the plan. After completion of excavation, the department’s Regional Soils Engineer will inspect the site and determine if the foundation is adequate for the intended loads. Allow the region’s Soils Engineer two working days to perform the inspection.

**D Measurement**

The department will measure Wall Modular Block Gravity in area by the square foot of face on a vertical plane between the top of the leveling pad and a line indicating the top of wall including wall cap or copings as required and shown on the plans. Unless directed by the engineer, wall area constructed above or below these limits will not be measured for payment.

**E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

DESCRIPTION	UNIT
Wall Modular Block Gravity	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of surplus materials; supplying all necessary wall components to produce a functional system including cap and copings; constructing the retaining system; providing backfill, backfilling, and compacting the backfill; and furnishing and installing geotextile fabric. Parapets, railings, and other items above the wall cap or coping will be paid for separately.

Any required topsoil, fertilizer, seeding or sodding and mulch will be paid for at the contract unit price of topsoil, fertilizer, seeding or sodding and mulch, respectively.  
532-030 (20120615)

## SECTION 03002

### RAIL FENCE

#### **A Description**

This special provision describes furnishing and installing a rail fence along the pedestrian and bike trail retaining wall, as shown on the plans.

#### **B Materials**

Timber for the rail shall conform to 507 of the standard specifications. The timber shall be select Southern Yellow Pine No. 1 or Douglas Fir.

The timber shall be treated with ammoniacal copper quat solution (ACQ) according to section 507.2.3 of the standard specifications.

#### **C Construction**

The posts shall be installed vertical. The rails shall be installed parallel to the grade of the pedestrian and bike trail. The horizontal and diagonal members shall be installed on the front face or side facing the trail.

#### **D Measurement**

The Village will measure Rail Fence, completed and accepted in accordance with the terms of the contract, in place by length in linear feet.

DESCRIPTION	UNIT
Rail Fence	LF

#### **E Payment**

Payment is full compensation for furnishing and installing all materials including split rails and posts and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

SECTION 03002

WDNR SIGN

**A Description**

This special provision describes furnishing and erecting lumber and three ply plastic sheeting for destination sign construction at trail heads locations along the project in accordance to the details shown on the plans and as hereinafter provided.

**B Materials**

Provide timber posts in accordance to standard specification section 507.

Traditional sign sheeting shall be utilized, according to Section 637 of the Standard specification. The sign sheeting shall be attached to plywood.

**C Construction**

Full assembly of the sign shall be completed prior to the placement within the sauna tubes and concrete placement. The Engineer on-site shall approve the assembly before completing the install and standing up of the sign.

The CONTRACTOR shall provide three alternative sign coloring schemes to the Village and obtain approval prior to ordering sign materials. Specifics regarding the WDNR and Village of Jackson logos can be obtained from the appropriate contacts found within the plan set for each.

The larger letters found in the trail name and the interchangeable back side of sign text shall be approximately 2” tall x 1 1/4” wide block letters and the smaller letters found towards the bottom of the sign shall be approximately 1 1/8” tall x 3/4” wide block letters.

**D Measurement**

The Village will measure WDNR Sign, for each sign acceptably completed in place.

**E Payment**

The Village will pay for measured quantities at the contract unit price under the following bid item:

DESCRIPTION	UNIT
WDNR Sign	Each

Payment is full compensation for furnishing and installing all materials including painting and routing of sign components, and for furnishing all tools, equipment, and incidentals necessary to complete the contract work.

Agenda item documents were not received in time to be part of the packet.

The information will be distributed at the meeting.

DOCUMENT 00030

ADVERTISEMENT FOR BIDS

VILLAGE OF JACKSON  
JACKSON DRIVE SIDEWALK  
CRANBERRY CREEK LANE – STH 60  
2015

OWNER

Village of Jackson  
N168 W20733 Main Street  
Jackson, WI 53037  
(262) 677-9001  
(262) 677-9710 Fax

ENGINEER

Gremmer & Associates, Inc.  
93 S. Pioneer Road, Suite 300  
Fond du Lac, WI 54935  
(920) 924-5720  
(920) 924-5725 Fax

Project No. 150513

Sealed bids will be received by the Village of Jackson, Village Hall, N168 W20733 Main Street, P.O. Box 637 Jackson, Wisconsin 53037 for Jackson Drive Sidewalk, 2015 until 11:00 a.m., August 19, 2015. Bids received after this time will not be accepted.

Bids will be opened and publicly read aloud at the Village Hall, immediately after specified closing time. All interested parties are invited to attend.

The Work generally consists of constructing sidewalk on the west side of Jackson Drive from Cranberry Creek Lane to STH 60, and consists of the approximate quantities:

290	SY	Concrete Driveway
9,530	SF	Concrete Sidewalk
2,350	SY	4-Inch Topsoil, Seed, Fertilizer, and Erosion Mat

Bids will be received on a unit price basis.

Each bid must be accompanied by a bid bond, a certified check, or a bank cashier's check as bid security, in the sum of five percent (5%) of the bid, payable to the Village of Jackson as a guarantee that if the bid is accepted, a Contract will be entered into and its performance properly secured within fifteen (15) days of the award of Contract. Should any bid be rejected, such bid security will be forthwith returned to the bidder, and should any bid be accepted, such bid bond or check will be returned upon the timely and proper execution and securing of the Contract. In case the successful bidder shall fail to execute the Contract and Performance Bond, the amount of the bid bond or check shall be forfeited to the Village of Jackson as liquidated damages.

Copies of the Bidding Documents may be obtained **ONLY** from [www.gremmerassociates.com](http://www.gremmerassociates.com) or [www.questcdn.com](http://www.questcdn.com). No paper plan sets will be provided. Access the Gremmer & Associates, Inc. or QuestCDN web site to view and download bid information and documents on or after **August 4, 2015**, for a non-refundable fee of \$10.00. Input QuestCDN eBidDoc No. **4005065** on the Gremmer & Associates Contract Bids page or on the QuestCDN Project Search page. No password is required. Contact QuestCDN.com at 952-233-1632 or [info@questcdn.com](mailto:info@questcdn.com) for assistance in downloading and working with the digital documents.

Copies of the Bidding Documents are available for viewing at the following offices:

1. Village of Jackson, Village Hall, N168 W20733 Main Street, Jackson, WI, 53037.
2. Gremmer & Associates, Inc., 93 S. Pioneer Road, Suite 300, Fond du Lac, WI 54935.

The Village of Jackson reserves the right to reject any or all bids, waive any informality in bidding, or accept the bid(s) which serves the best interest of the Village.

Questions regarding this project should be directed to Mr. Jeff Chvosta, P.E. of Gremmer & Associates, Inc. at (920) 924-5720, (920) 924-5725 fax.

For the Village of Jackson:

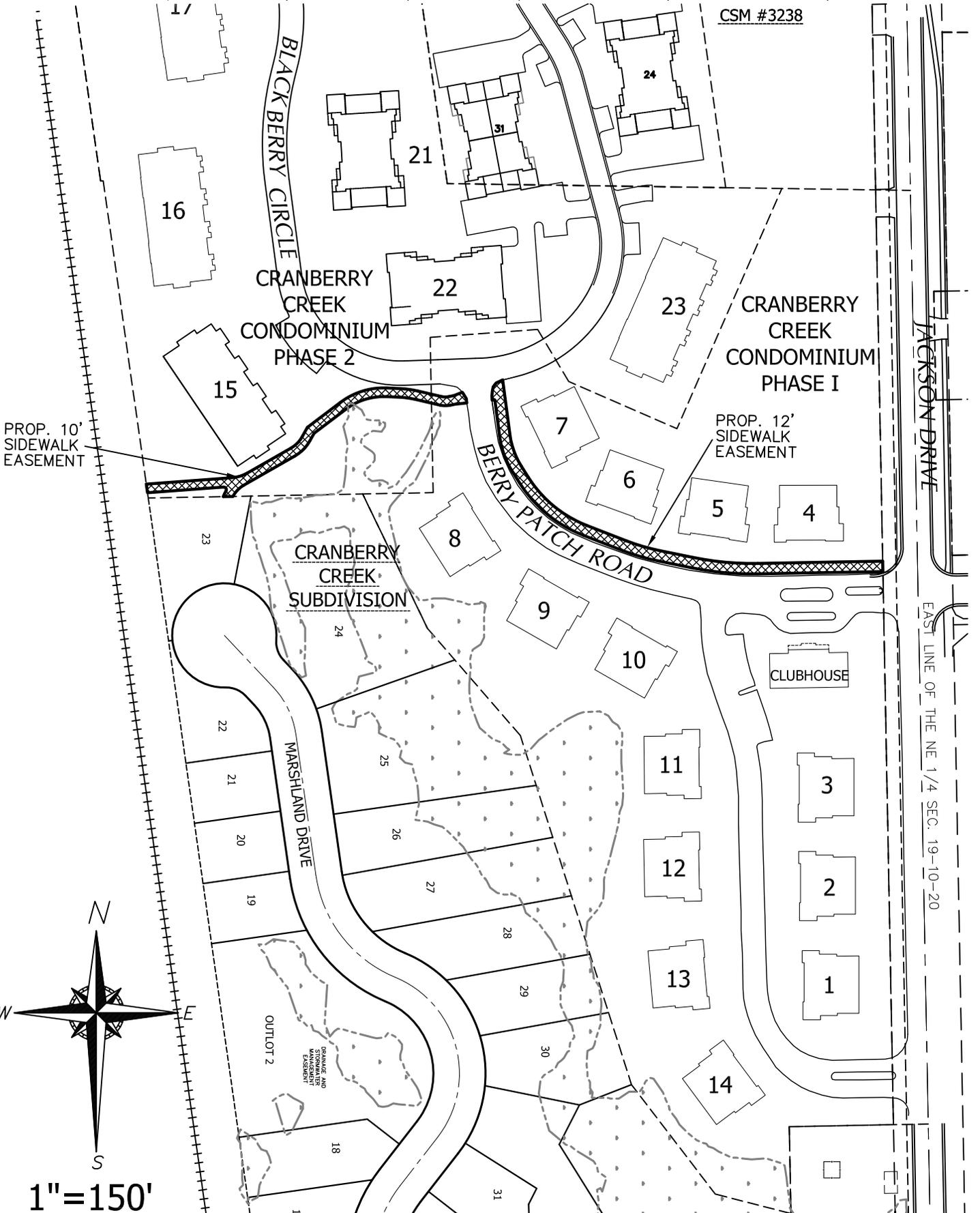
Brian Kober, P.E.  
Director of Public Works/Village Engineer

Published:                    August 4, 2015  
                                      August 11, 2015

END OF DOCUMENT

# EXHIBIT

BEING A PART OF CRANBERRY CREEK CONDOMINIUM AND ADDENDUM NO. 1 OF CRANBERRY CREEK CONDOMINIUM LOCATED IN THE NORTHEAST 1/4 OF SECTION 19, TOWN 10 NORTH, RANGE 20 EAST, VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN



CSM #3238

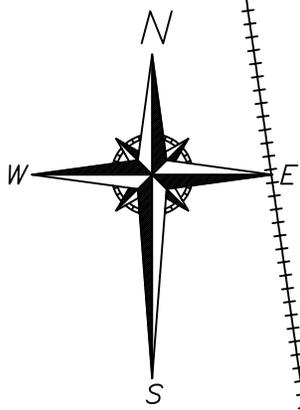
CRANBERRY CREEK CONDOMINIUM PHASE 2

CRANBERRY CREEK CONDOMINIUM PHASE I

CRANBERRY CREEK SUBDIVISION

CLUBHOUSE

EAST LINE OF THE NE 1/4 SEC. 19-10-20



1"=150'

## LEGAL DESCRIPTION – SIDEWALKS

Being a part of Addendum 1 to Cranberry Creek Condominium and Cranberry Creek Condominium located in the Northeast 1/4 of Section 19, Town 10 North, Range 20 East, Village of Jackson, Washington County, Wisconsin, being more particularly bounded and described as follows:

Commencing at the East 1/4 corner of said Section 19; thence N.01°05'36"W., along the east line of the Northeast 1/4 of said Section 19 a distance of 1,118.44 feet; thence S.88°54'24"W., a distance of 786.49 feet to the point of beginning of the hereinafter described lands; thence continue S.88°54'24"W. along said line, a distance of 11.03 feet; thence 7.20 feet along the arc of a curve to the right, whose radius is 42.50 feet and whose chord bears N.25°23'08"E., a distance of 7.19 feet; thence 6.52 feet along a reverse curve to the left whose radius is 3.00 feet and whose chord bears N.32°00'13"W., a distance of 5.31 feet; thence S.85°45'21"W., a distance of 87.74 feet; thence N.08°04'56"W., a distance of 10.02 feet; thence N.85°45'21"E., a distance of 98.85 feet; thence 18.91 feet along the arc of a curve to the left, whose radius is 42.50 feet and whose chord bears N.73°00'29"E., a distance of 18.76 feet; thence N.60°15'37"E., a distance of 57.26 feet; thence 19.37 feet along the arc of a curve to the left, whose radius is 35.50 feet and whose chord bears N.44°37'47"E., a distance of 19.13 feet; thence N.28°59'58"E., a distance of 11.97 feet; thence N.52°53'28"E., a distance of 47.74 feet; thence 57.12 feet along the arc of a curve to the right, whose radius is 82.50 feet and whose chord bears N.72°43'39"E., a distance of 55.99 feet; thence S.87°26'11"E., a distance of 15.35 feet; thence 19.89 feet along the arc of a curve to the right, whose radius is 107.50 feet and whose chord bears S.82°08'10"E., a distance of 19.86 feet; thence S.76°50'08"E., a distance of 28.95 feet; thence 7.99 feet along the arc of a curve to the left, whose radius is 17.50 feet and whose chord bears S.89°54'26"E., a distance of 7.92 feet; thence 6.19 feet along a reverse curve to the right whose radius is 125.79 feet and whose chord bears N.78°25'53"E., a distance of 6.19 feet; thence N.68°07'38"E., a distance of 10.24 feet; thence S.38°38'34"E., a distance of 1.50 feet; thence S.30°59'20"E., a distance of 7.10 feet; thence S.08°16'01"E., a distance of 5.14 feet; thence S.84°18'30"W., a distance of 12.99 feet; thence 5.85 feet along the arc of a curve to the left, whose radius is 115.79 feet and whose chord bears S.78°28'08"W., a distance of 5.85 feet; thence 12.55 feet along a reverse curve to the right whose radius is 27.50 feet and whose chord bears N.89°54'27"W., a distance of 12.44 feet; thence N.76°50'08"W., a distance of 28.95 feet; thence 18.04 feet along the arc of a curve to the left, whose radius is 97.50 feet and whose chord bears N.82°08'09"W., a distance of 18.01 feet; thence N.87°26'11"W., a distance of 15.35 feet; thence 50.20 feet along the arc of a curve to the left, whose radius is 72.50 feet and whose chord bears S.72°43'38"W., a distance of 49.20 feet; thence S.52°53'28"W., a distance of 45.63 feet; thence S.28°59'58"W., a distance of 9.85 feet; thence 24.83 feet along the arc of a curve to the right, whose radius is 45.50 feet and whose chord bears S.44°37'48"W., a distance of 24.52 feet; thence S.60°15'37"W., a distance of 67.80 feet; thence 18.46 feet along the arc of a curve to the left, whose radius is 32.50 feet and whose chord bears S.43°59'27"W., a distance of 18.21 feet to the point of beginning. Said lands contain 3,190 square feet (0.07 acres).

ALSO,

Being a part of Cranberry Creek Condominium located in the Northeast 1/4 of Section 19, Town 10 North, Range 20 East, Village of Jackson, Washington County, Wisconsin, being more particularly bounded and described as follows:

Commencing at the East 1/4 corner of said Section 19; thence N.01°05'36"W., along the east line of the

Northeast 1/4 of said Section 19, a distance of 1,017.66 feet; thence S.88°54'24"W., a distance of 40.00 feet to the point of beginning of the hereinafter described lands; thence S.88°56'50"W., a distance of 143.96 feet; thence 77.40 feet along the arc of a curve to the right, whose radius is 352.00 feet and whose chord bears N.84°45'12"W., a distance of 77.25 feet; thence N.78°27'14"W., a distance of 38.69 feet; thence 42.53 feet along the arc of a curve to the right, whose radius is 252.00 feet and whose chord bears N.73°37'10"W., a distance of 42.48 feet; thence N.68°47'05"W., a distance of 48.67 feet; thence 96.77 feet along the arc of a curve to the right, whose radius is 152.00 feet and whose chord bears N.50°32'44"W., a distance of 95.15 feet; thence N.32°18'23"W., a distance of 14.96 feet; thence 44.11 feet along the arc of a curve to the right, whose radius is 102.00 feet and whose chord bears N.19°55'07"W., a distance of 43.76 feet; thence N.07°31'52"W., a distance of 42.00 feet; thence S.84°42'05"W., a distance of 3.14 feet; thence N.02°14'51"W., a distance of 4.80 feet; thence N.04°27'01"E., a distance of 5.53 feet; thence N.12°12'44"E., a distance of 5.27 feet; thence N.37°46'28"E., a distance of 5.46 feet; thence N.64°54'50"E., a distance of 8.27 feet; thence S.07°31'52"E., a distance of 63.61 feet; thence 38.92 feet along the arc of a curve to the left, whose radius is 90.00 feet and whose chord bears S.19°55'08"E., a distance of 38.61 feet; thence S.32°18'23"E., a distance of 14.96 feet; thence 89.13 feet along the arc of a curve to the left, whose radius is 140.00 feet and whose chord bears S.50°32'44"E., a distance of 87.64 feet; thence S.68°47'05"E., a distance of 48.67 feet; thence 40.50 feet along the arc of a curve to the left, whose radius is 240.00 feet and whose chord bears S.73°37'09"E., a distance of 40.45 feet; thence S.78°27'14"E., a distance of 38.69 feet; thence 74.76 feet along the arc of a curve to the left, whose radius is 340.00 feet and whose chord bears S.84°45'12"E., a distance of 74.61 feet; thence N.88°56'50"E., a distance of 143.95 feet; thence S.01°05'36"E., a distance of 12.00 feet to the point of beginning. Said lands contain 6,742 square feet (0.15 acres).

END OF DESCRIPTION.

ORDER OF SHEETS

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

TOTAL SHEETS = 31

# VILLAGE OF JACKSON

## PLAN OF PROPOSED IMPROVEMENT

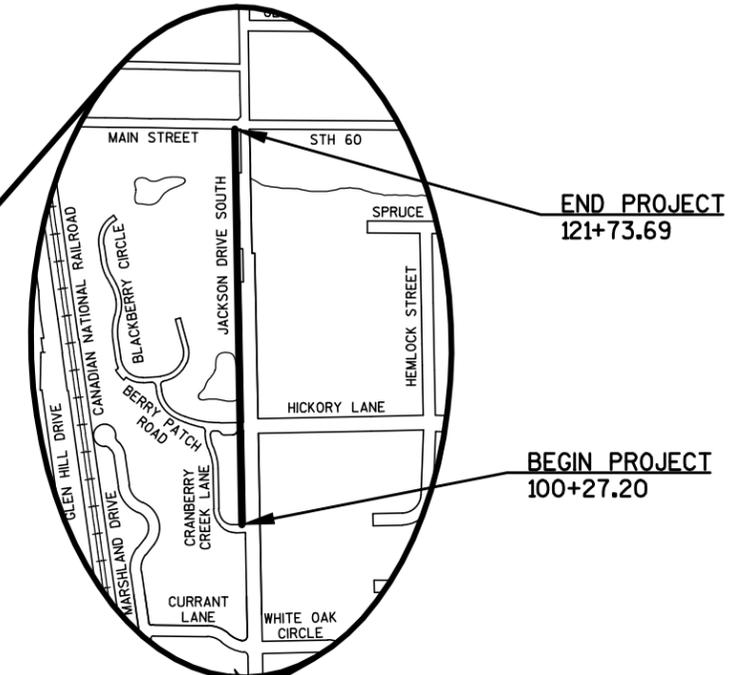
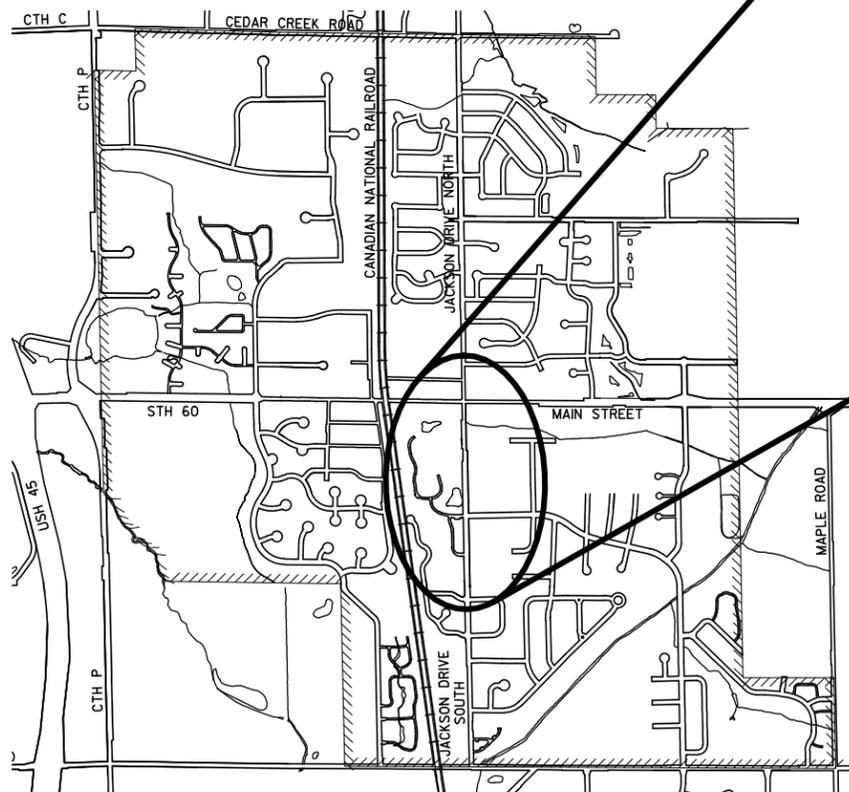
### JACKSON DRIVE SIDEWALK

CRANBERRY CREEK LANE - STH 60

2015

PROJECT 150513

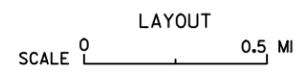
**PRELIMINARY**  
**7/22/2015**



CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



TOTAL NET LENGTH OF CENTERLINE = 0.41 MI

ORIGINAL PLANS PREPARED BY

**G GREMMER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
Stevens Point • Fond du Lac  
95 South Pioneer Road, Suite 500 • Fond du Lac, WI 54605  
(920) 924-5720 • Fax (920) 924-5725

(Date) JEFFREY A. CHVOSTA, PE

**E**

**GENERAL NOTES**

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY 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 UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

A VERTICAL SAW CUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS, SIDEWALKS AND PAVEMENTS AT THE REMOVAL LIMITS.

SAWCUT LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

REMOVAL OF ASPHALTIC PAVEMENT SHALL BE MEASURED AND PAID FOR AS EXCAVATION COMMON.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE DENSE, HMA PAVEMENT OR ASPHALTIC SURFACE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE MATERIAL SHOWN ON THE PLAN IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION AND LAYOUT OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

TOPSOIL, FERTILIZER, SEED AND EROSION MAT AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE PLACED ON ALL DISTURBED AREAS, EXCLUSIVE OF THE AREA OCCUPIED BY THE NEW PAVEMENTS, SIDEWALKS, ENTRANCES, AND RELATED STRUCTURES.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

ALL CURB RAMPS SHALL BE 6-INCH THICK AND PAID FOR AS CONCRETE SIDEWALK 6-INCH.

EROSION CONTROL ITEMS SHOWN ARE APPROXIMATE, THE EXACT LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

**ABBREVIATIONS**

AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
ASP	ASPHALT
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
CC	CENTER OF CURVATURE
CE	COMMERCIAL ENTRANCE
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CS	CURVE SPIRAL, THE POINT OF CHANGE IN ALIGNMENT FROM CURVE TO SPIRAL
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
E	EXTERNAL DISTANCE FROM MIDPOINT OF CIRCULAR CURVE FROM ANGLE INTERSECTION
EB	EASTBOUND
ELEV	ELEVATION
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HT	HEIGHT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LP	LOW POINT
Ls	LENGTH OF SPIRAL
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
NOM	NOMINAL
NORM	NORMAL
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SB	SOUTHBOUND
SC	SPIRAL CURVE, THE POINT OF CHANGE IN ALIGNMENT FROM SPIRAL TO CURVE
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SEG	SEGMENT
SF	SQUARE FOOT
SS	STORM SEWER
ST	SPIRAL TANGENT, THE POINT OF CHANGE IN ALIGNMENT FROM SPIRAL TO TANGENT
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
TS	TANGENT SPIRAL, THE POINT OF CHANGE IN ALIGNMENT FROM TANGENT TO SPIRAL
TYP	TYPICAL
V	VELOCITY OR DESIGN SPEED
VC	VERTICAL CURVE
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPRC	POINT OF VERTICAL REVERSE CURVE
VPT	POINT OF VERTICAL TANGENT
WB	WESTBOUND
WCL	WISCONSIN CENTRAL LTD.

**UTILITIES**

**ELECTRIC & GAS**

\* WE ENERGIES - CORPORATE  
333 WEST EVERETT STREET - A299  
MILWAUKEE, WI 53203  
PHONE: (414) 221-5617  
MOBILE: (414) 975-9053  
ATTN: LATROY BRUMFIELD  
EMAIL: LATROYBRUMFIELD@WE-ENERGIES.COM

**SANITARY SEWER & WATER MAIN**

\* VILLAGE OF JACKSON  
N168, W20733 MAIN STREET  
JACKSON, WI 53037  
PHONE: (262) 677-9001  
ATTN: BRIAN KOBER  
EMAIL: DIRPUBWKS@VILLAGEOFJACKSON.COM

\* DENOTES MEMBER OF DIGGERS HOTLINE

**COMMUNICATIONS**

\* CHARTER COMMUNICATIONS  
2312 CONTINENTAL DRIVE  
WEST BEND, WI 53095  
PHONE: (262) 306-8756 EXT. 20702  
MOBILE: (920) 375-6194  
ATTN: TOM HARYCKI  
EMAIL: THARYCKI@CHARTERCOM.COM

**COMMUNICATIONS**

\* AT&T - WISCONSIN  
2005 PEWAUKEE ROAD  
WAUKESHA, WI 53188  
PHONE: (262) 896-7669  
MOBILE: (414) 491-2855  
ATTN: JAY BULANEK  
EMAIL: JB5175@ATT.COM



**DESIGN CONTACT**

GREMMER & ASSOCIATES, INC.  
93 S. PIONEER ROAD, SUITE 300  
FOND DU LAC, WI 54935  
PHONE: (920) 924-5720  
ATTN: JEFFREY CHVOSTA, PE  
EMAIL: J.CHVOSTA@GREMMERASSOCIATES.COM

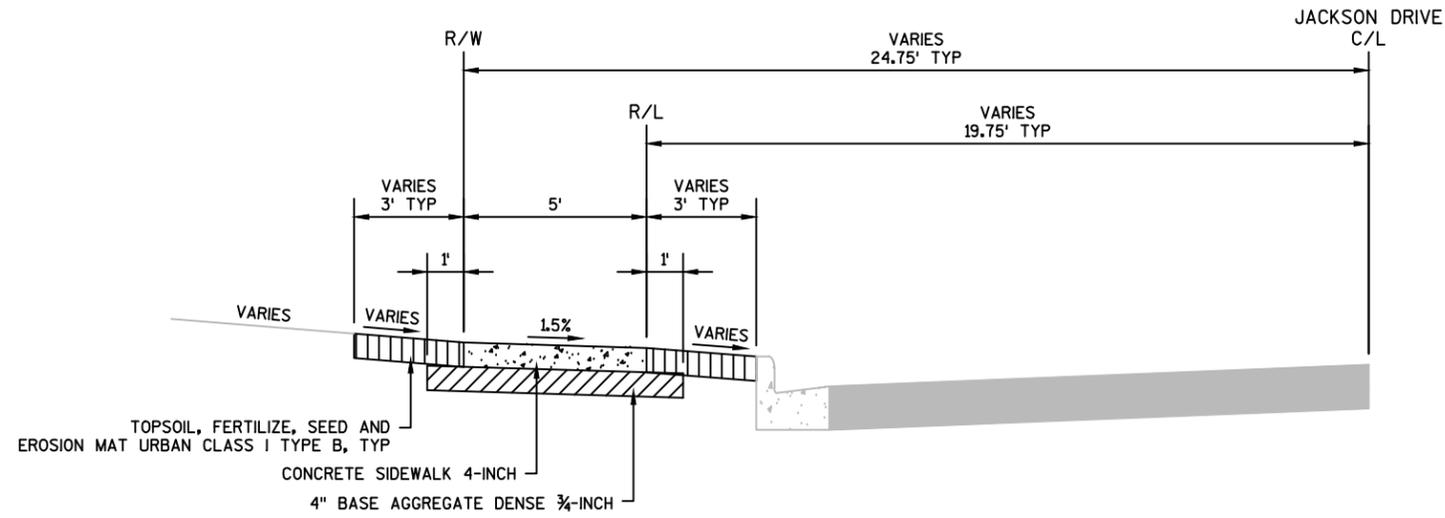
**VILLAGE OF JACKSON CONTACT**

N168, W20733 MAIN STREET  
JACKSON, WI 53037  
PHONE: (262) 677-9001  
ATTN: BRIAN KOBER  
EMAIL: DIRPUBWKS@VILLAGEOFJACKSON.COM

**BENCH MARKS**

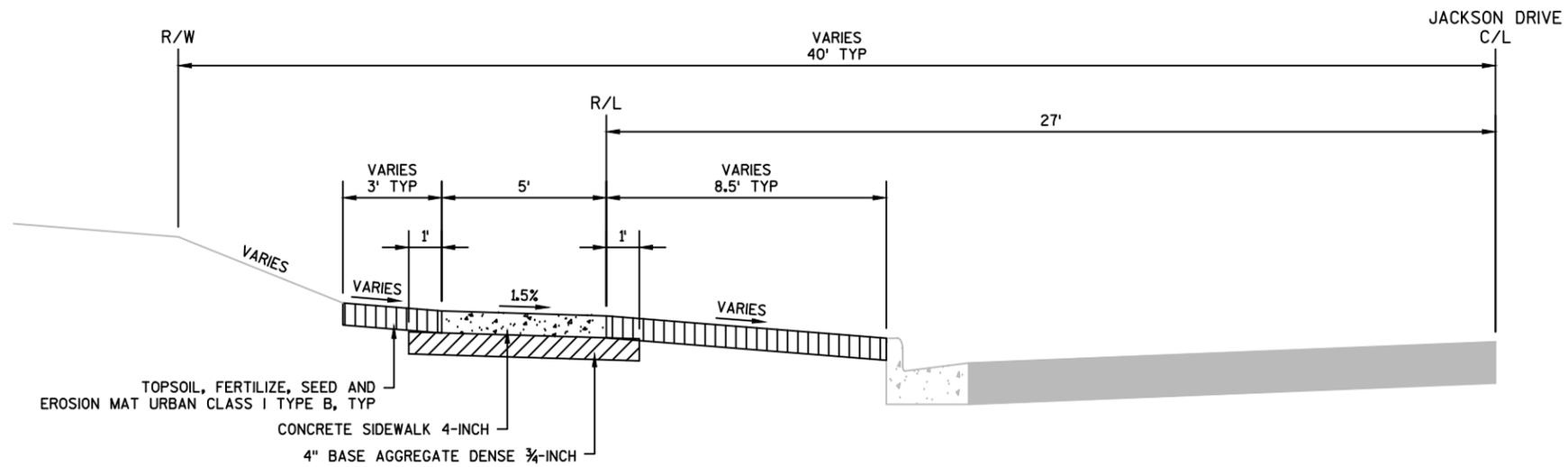
BM	DESCRIPTION	ELEVATION
A	BOLT AT ARROW ON FLANGE OF HYD, E. SIDE OF JACKSON DR. AT CRANBERRY CREEK LN.	895.71
B	BOLT AT ARROW ON FLANGE OF HYD, E. SIDE OF JACKSON DR. 100' S OF HICKORY LN.	893.15
C	NE BOLT ON FLANGE OF HYD, E. SIDE OF JACKSON DR. ACROSS FROM HOLLAND'S HEATING & AIR	892.55
D	SW BOLT ON FLANGE OF HYD, E. SIDE OF JACKSON DR. AT FIRE DEPARTMENT	883.13
E	CHISELED CROSS ON TOP OF N. NOZZLE OF HYD, SE CORNER OF JACKSON DR. AND MAIN STREET	884.33

\*\*VERTICAL DATUM REFERENCED TO NGVD29.



**FINISHED TYPICAL HALF SECTION**

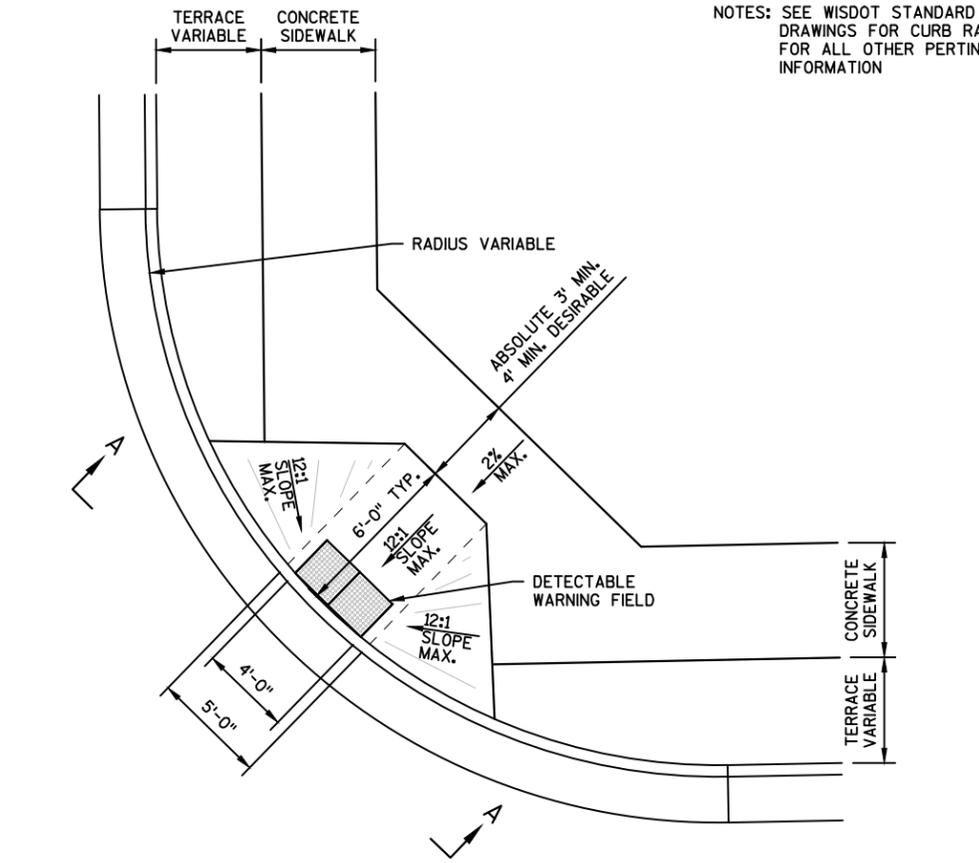
JACKSON DRIVE SIDEWALK  
STA 117+60.68 - STA 121+73.69



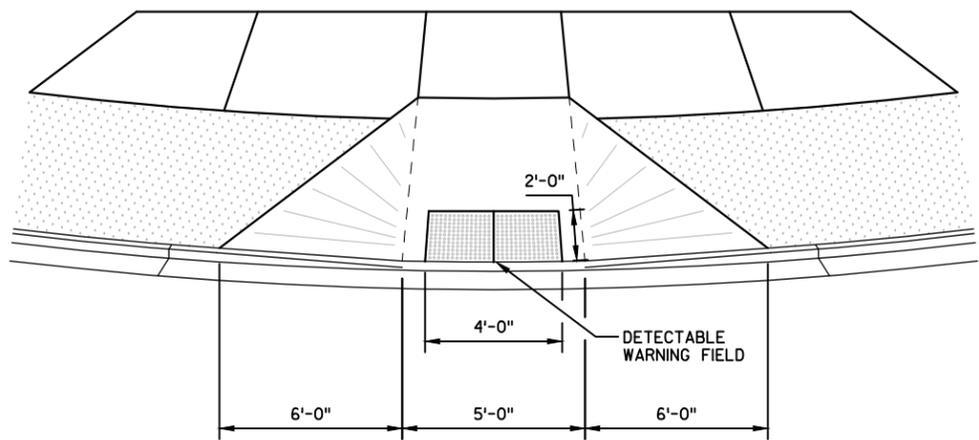
**FINISHED TYPICAL HALF SECTION**

JACKSON DRIVE SIDEWALK  
STA 100+27.20 - STA 117+60.68

NOTES: SEE WISDOT STANDARD DETAIL DRAWINGS FOR CURB RAMPS FOR ALL OTHER PERTINENT INFORMATION

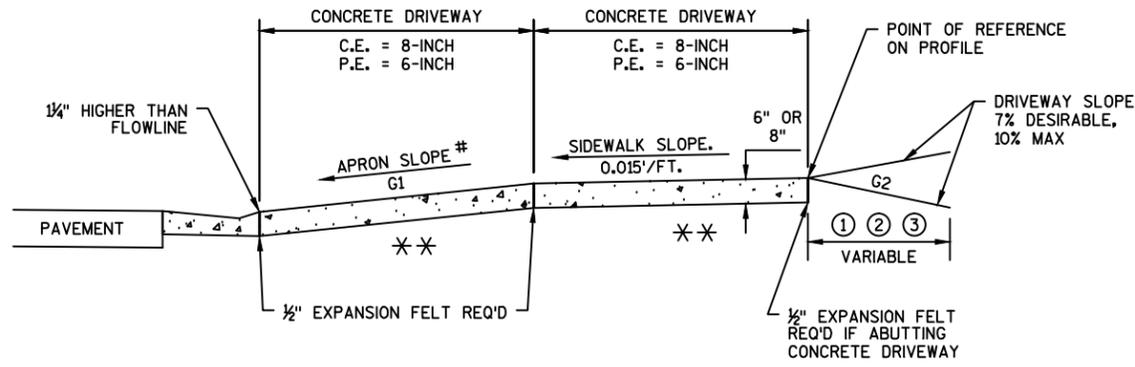


PLAN VIEW



SECTION VIEW A-A

CURB RAMP TYPE 1 MODIFIED



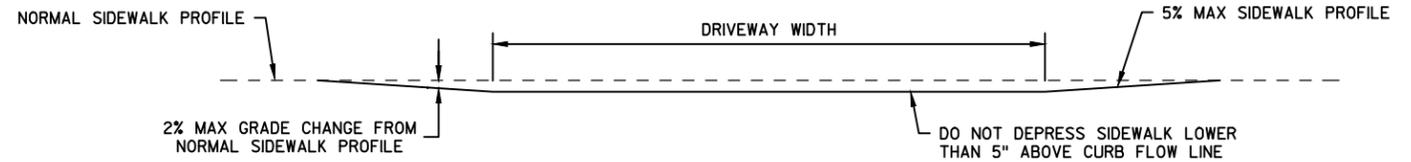
TYPICAL SIDEWALK SECTION

- ① - C.E. 8" CONCRETE DRIVEWAY  
P.E. 6" CONCRETE DRIVEWAY
- ② - 6" BASE AGG. DENSE 3/4-INCH
- ③ - 6" BASE AGG. DENSE 3/4-INCH  
BASE WITH 3" ASPHALTIC SURFACE
- \* \* = 6" BASE AGG. DENSE 3/4-INCH  
REQ'D UNDER CONCRETE DRWY

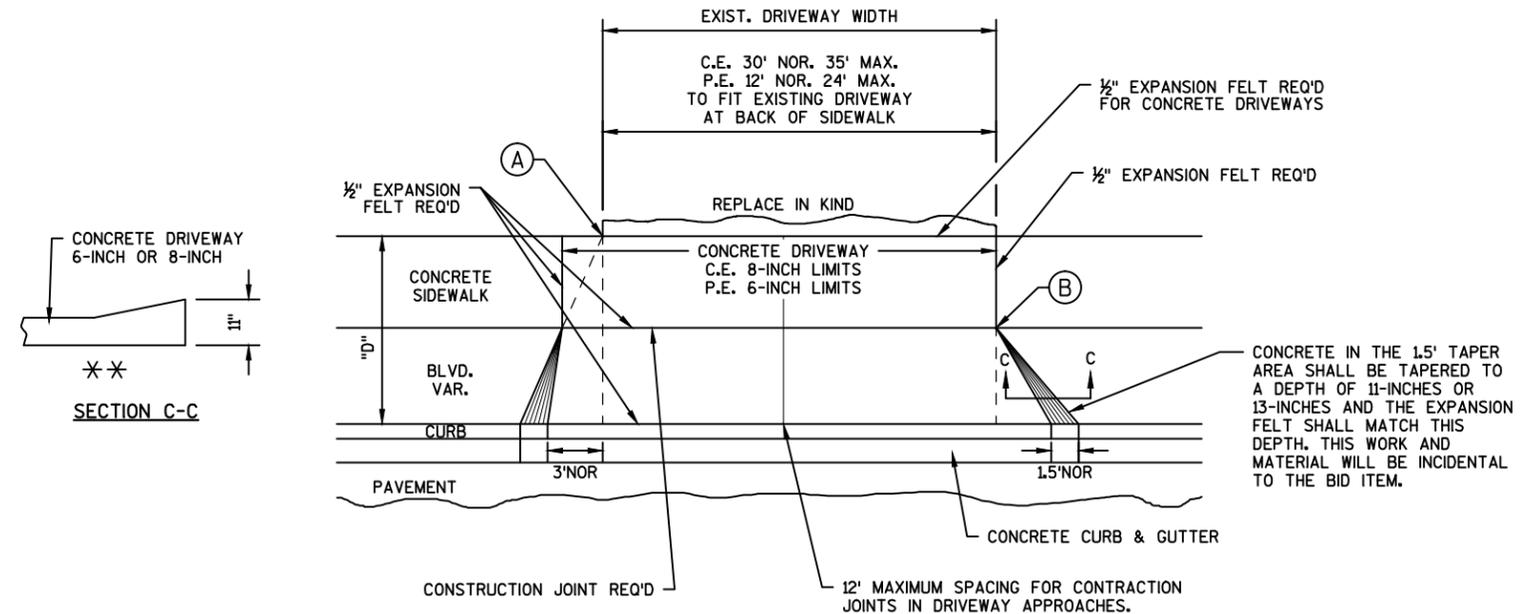
TERRACE WIDTH	APRON SLOPE (G)		
	MIN %	DESIRABLE %	MAX %
3 FT	7.0	8.5	9.0
4 FT	5.0	7.0	9.0
5 FT	4.0	7.0	9.0
6 FT	4.0	7.0	9.0
7 FT	3.5	7.0	9.0
8 FT	3.0	7.0	9.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE



DEPRESSED SIDEWALK PROFILE DETAIL



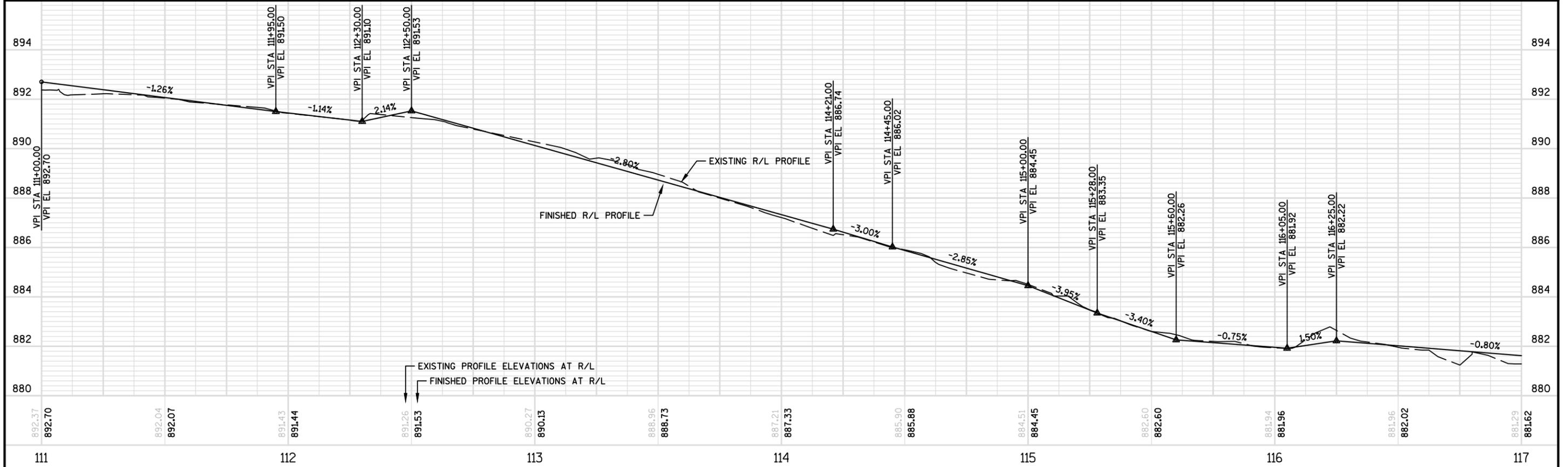
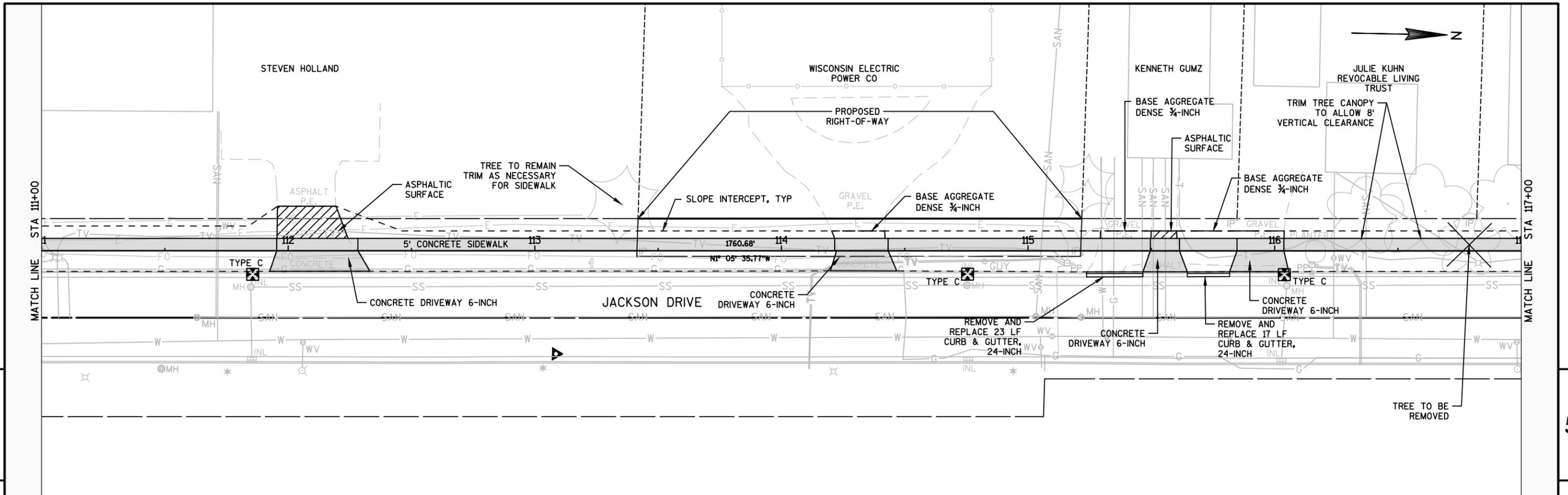
PLAN VIEW

- (A) WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK
- (B) WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK

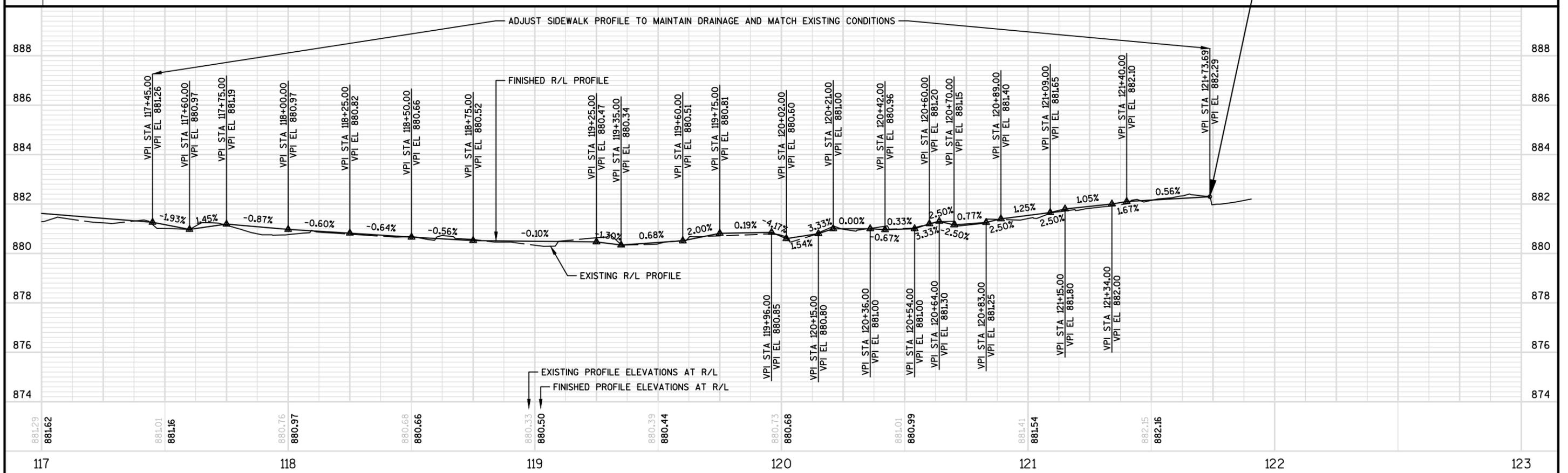
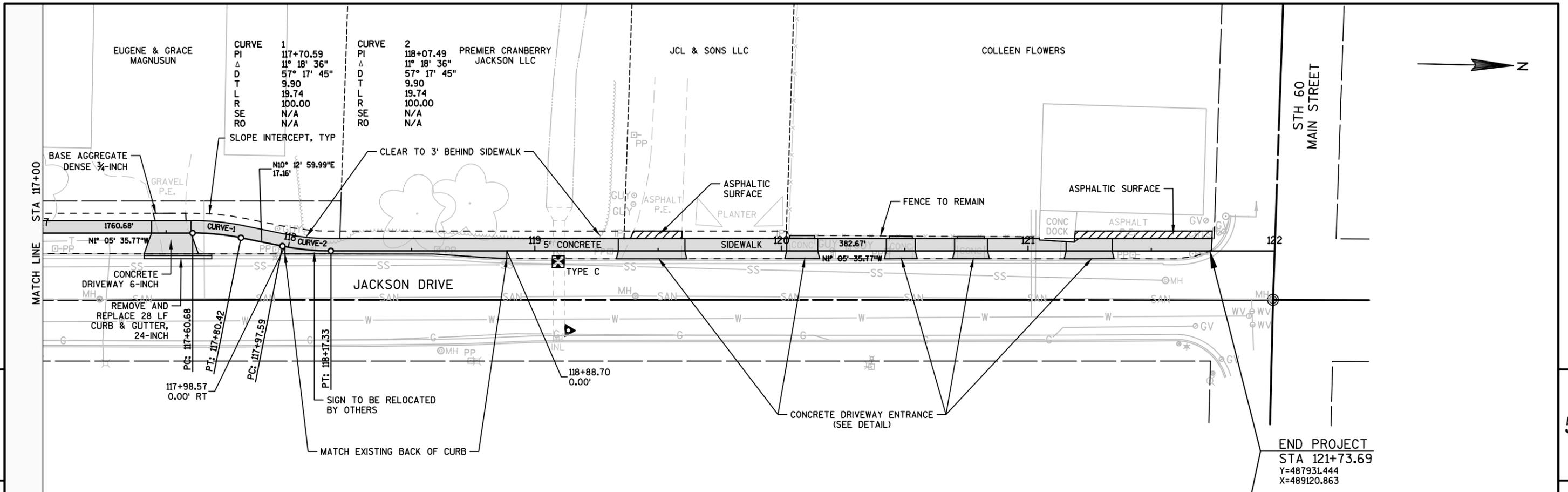
URBAN ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER







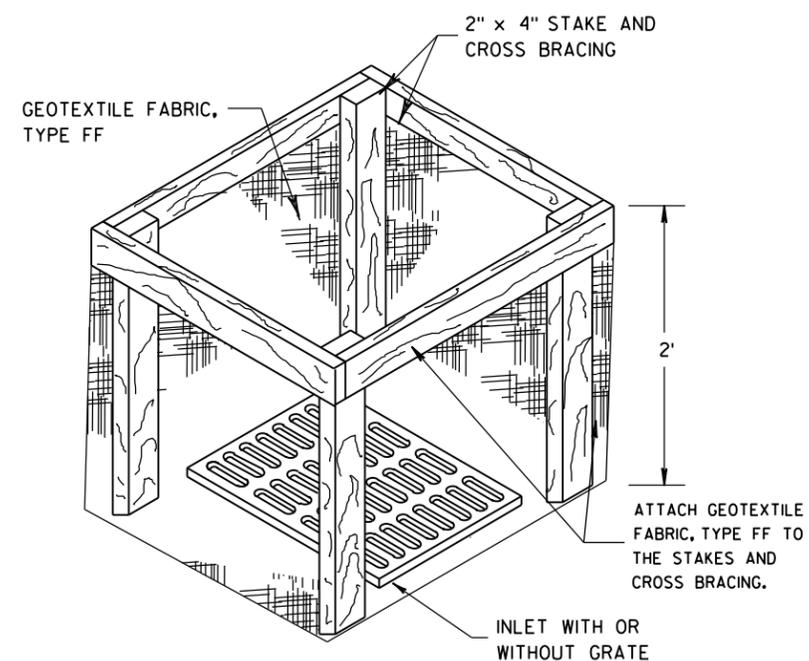
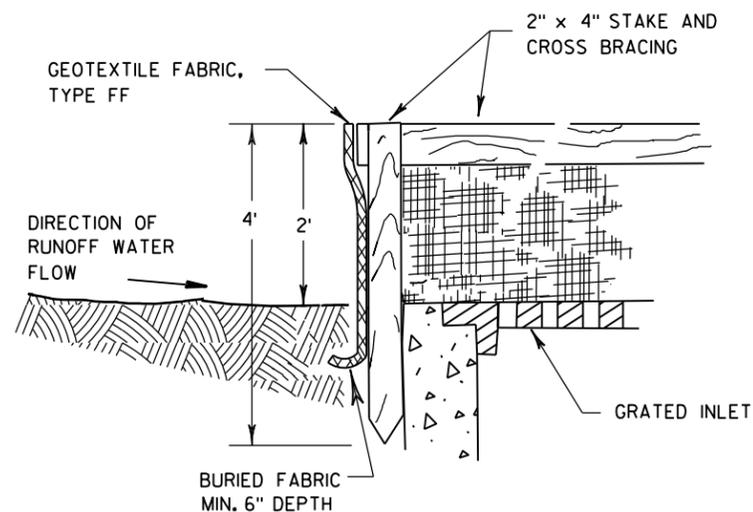
PROJECT NO: 150513      JACKSON DRIVE SIDEWALK      VILLAGE OF JACKSON      PLAN AND PROFILE:      SHEET      E



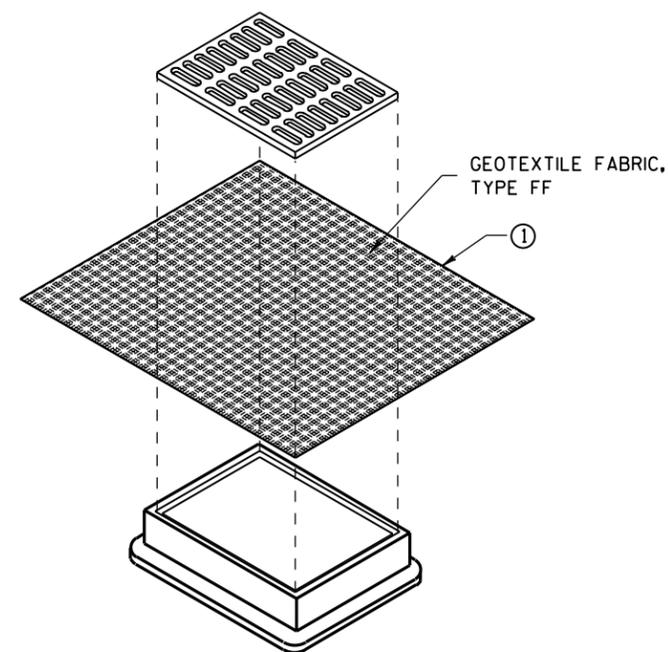
PROJECT NO: 150513	JACKSON DRIVE SIDEWALK	VILLAGE OF JACKSON	PLAN AND PROFILE:	SHEET	E
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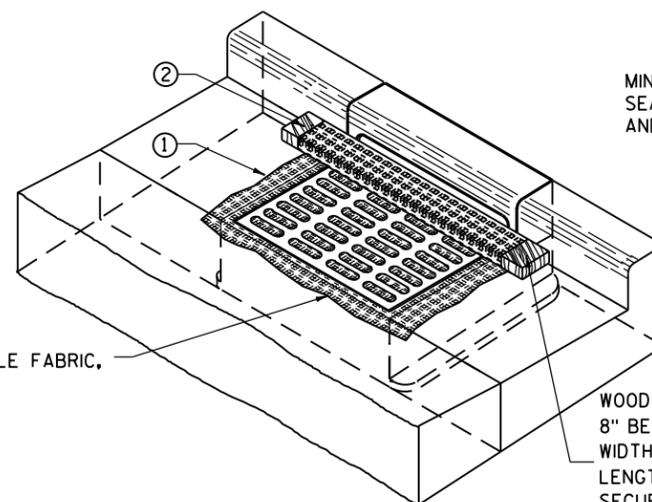
# 8E10: Inlet Protection Type A, B, C and D



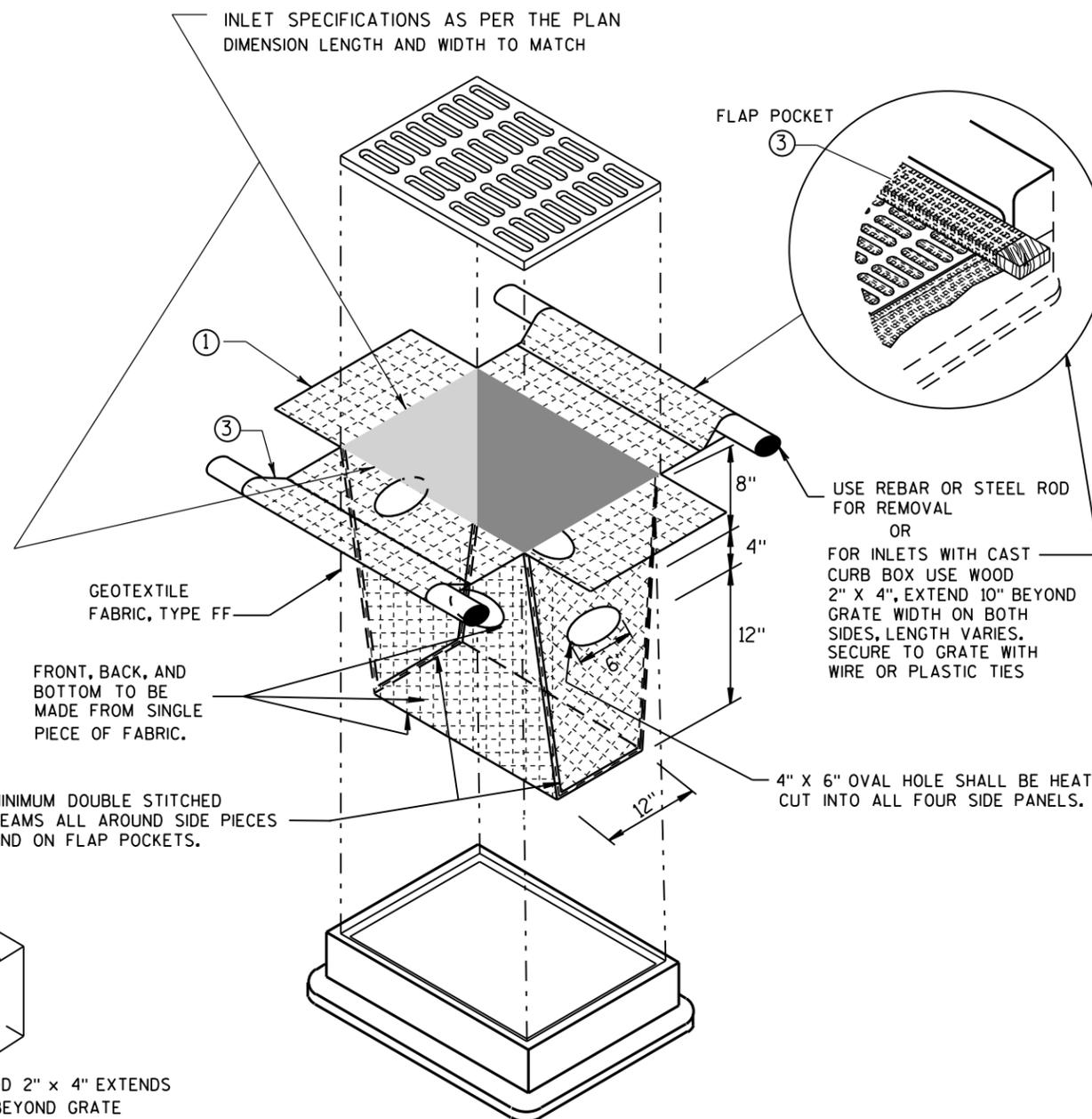
**INLET PROTECTION, TYPE A**



**INLET PROTECTION, TYPE B (WITHOUT CURB BOX)**  
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



**INLET PROTECTION, TYPE C (WITH CURB BOX)**



**INLET PROTECTION, TYPE D**  
(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

## GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

## INSTALLATION NOTES

### TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

### TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

**INLET PROTECTION  
TYPE A, B, C, AND D**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED	/S/ Beth Canestra
10-16-02	DATE
	CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	



# 15D28: Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

## GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

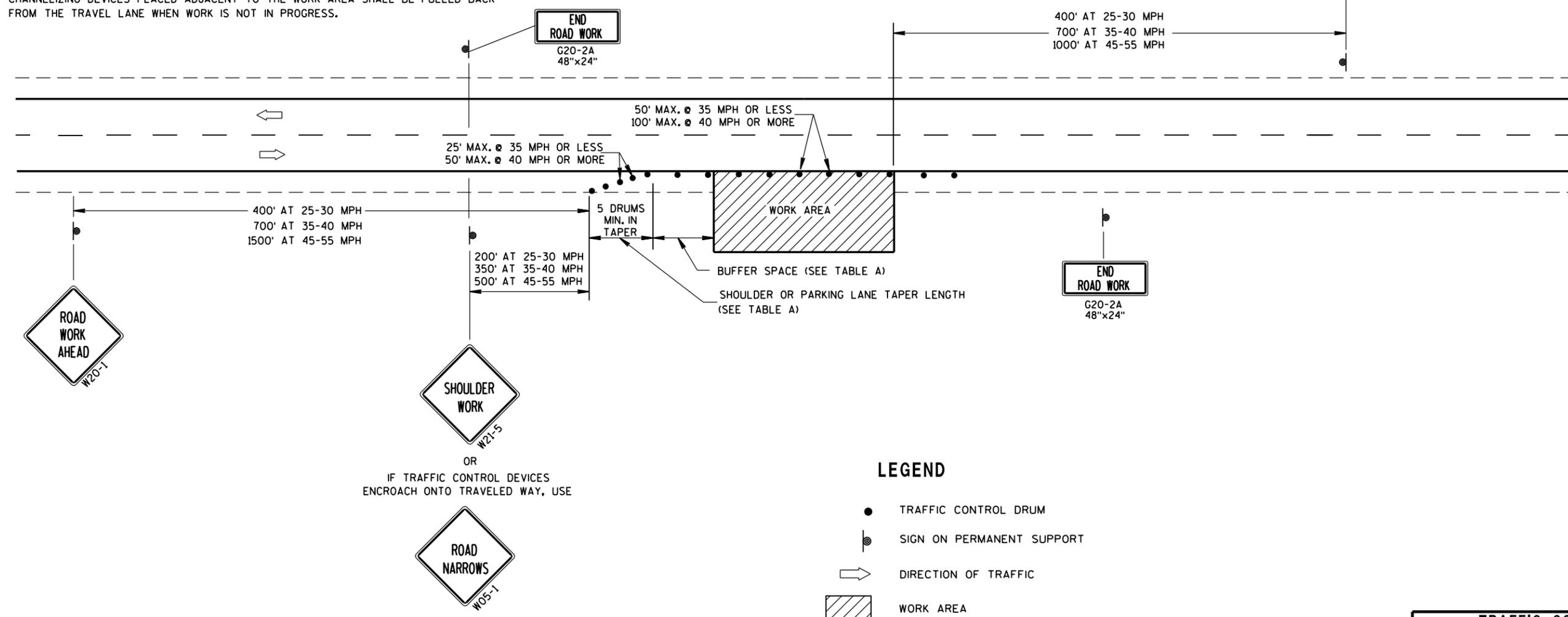
### TABLE A

S	SHOULDER TAPER LENGTH (FEET)				BUFFER SPACE (FEET)
	4	6	8	10	
30	20	30	40	50	85
35	30	45	55	70	120
40	40	55	75	90	170
45	60	90	120	150	220
50	70	100	135	170	280
55	75	110	150	185	335

W = SHOULDER WIDTH (FEET)  
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

SHOULDER TAPER LENGTH  
= WS AT 45 MPH OR GREATER

=  $\frac{WS^2}{60}$  AT 40 MPH OR LESS



## LEGEND

- TRAFFIC CONTROL DRUM
- ⊙ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ▨ WORK AREA

<b>TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY</b>	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

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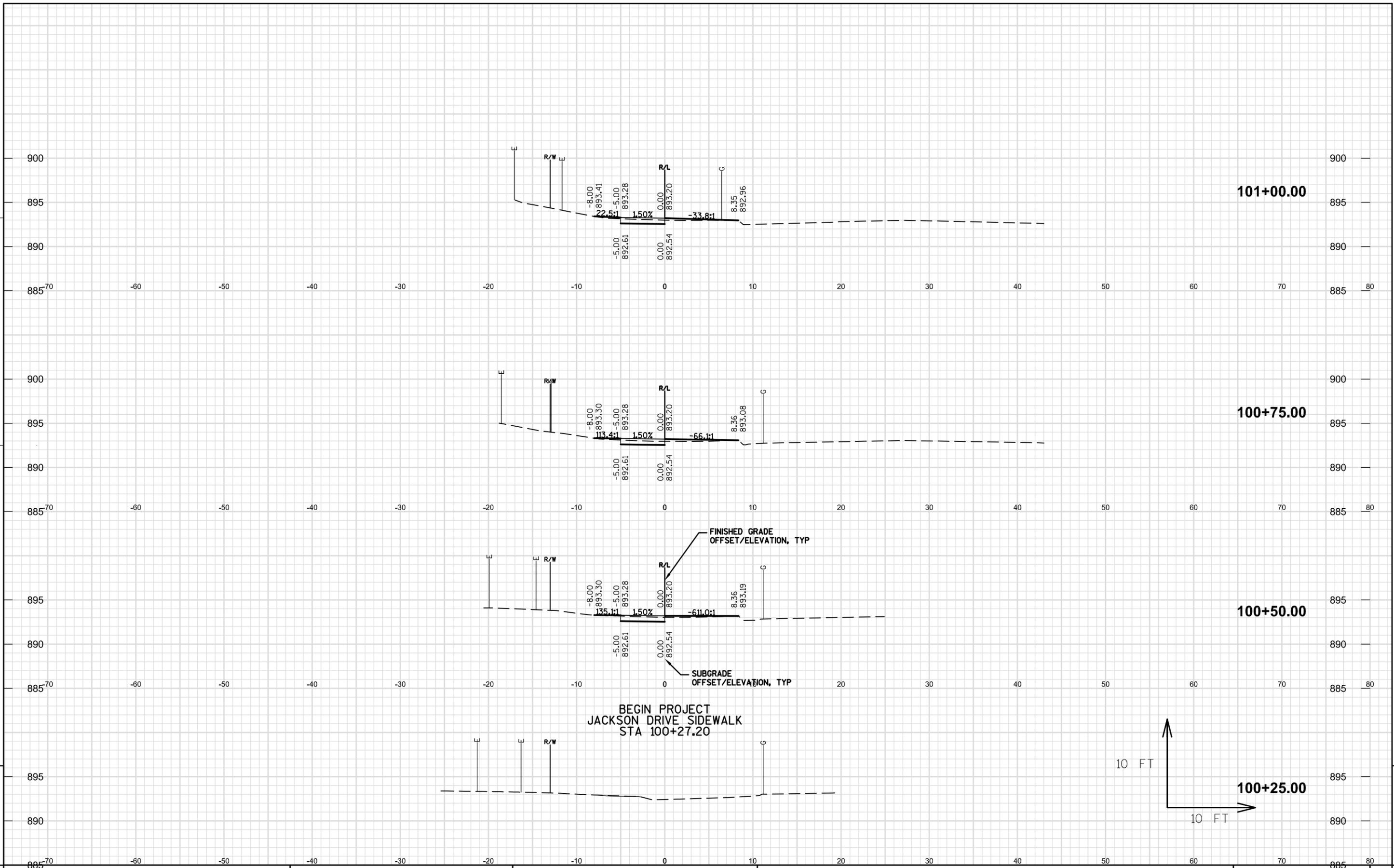
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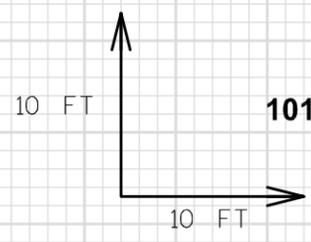
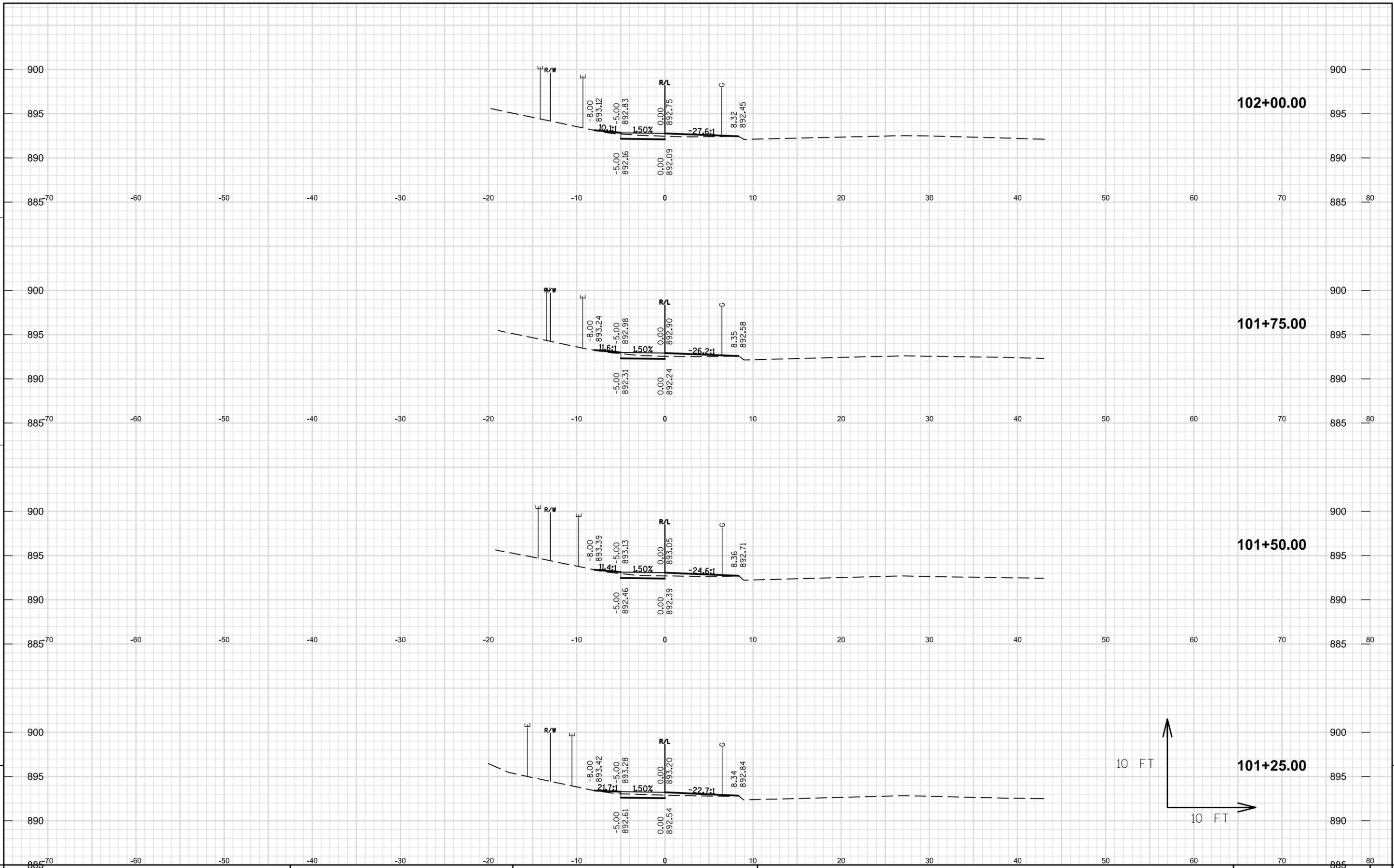
S.D.D. 15 D 28-2

S.D.D. 15 D 28-2

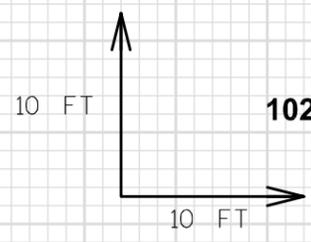
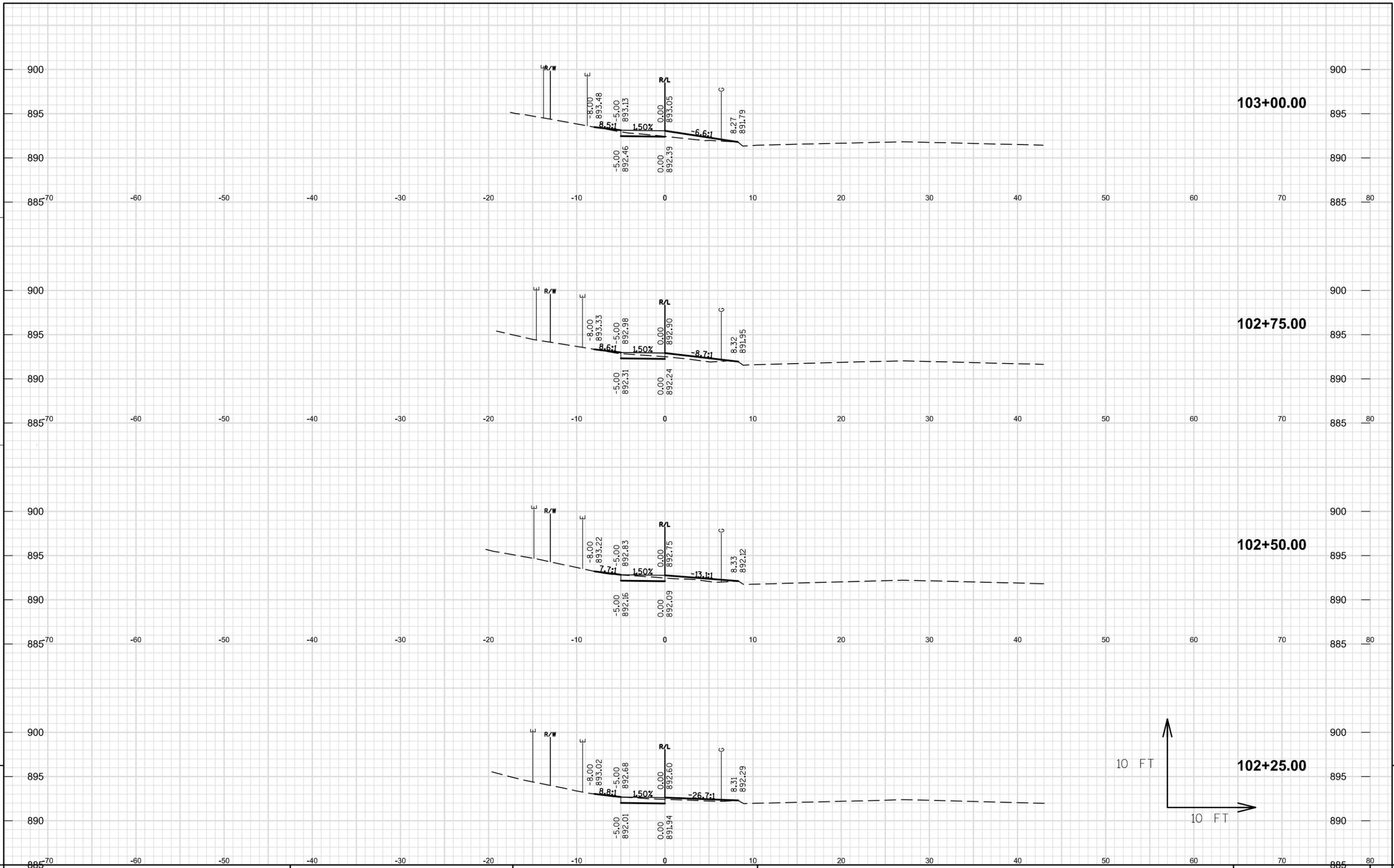
Division	From/To Station	Location	Common Excavation (1)		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (13)	Mass Ordinate +/- (14)	Waste	Comment:
			Cut (2)	EBS Excavation (3)							
Division 1											
Sidewalk	100+25/121+75	Jackson Drive	269	0	0	269	90	112	156	156	
Division 1 Subtotal			269	0	0	269	90	112	156	156	
Grand Total			269	0	0	269	90	112	156	156	
Total Common Exc			269								

- 1) Excavation Common will be paid for at the contract plan quantity excluding EBS.
- 2) Salvaged/Unusable Pavement Material is included in Cut.
- 3) Not used.
- 4) Salvaged/Unusable Pavement Material = Length \* Typical Width \* Typical Depth
- 5) Available Material = Cut - Salvaged/Unusable Pavement Material
- 6) Not used.
- 7) Not used.
- 8) Not used.
- 9) Not used.
- 10) Not used.
- 11) Not used.
- 12) Not used.
- 13) Expanded Fill. Factor = 1.25. Expanded Fill = Unexpanded Fill \* Fill Factor
- 14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.





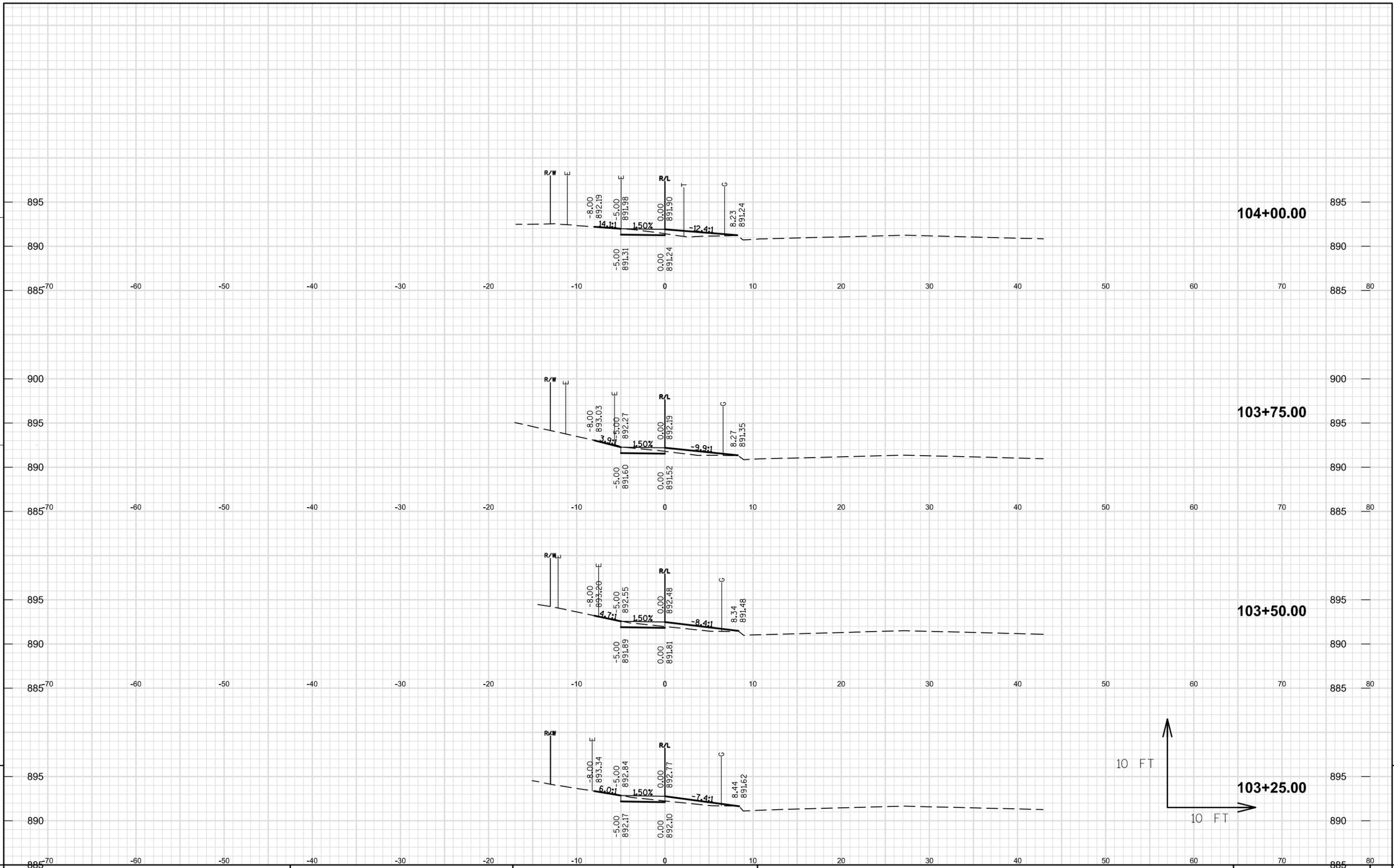
PROJECT NO: 150513      JACKSON DRIVE SIDEWALK      VILLAGE OF JACKSON      CROSS SECTIONS: JACKSON DRIVE      SHEET      E



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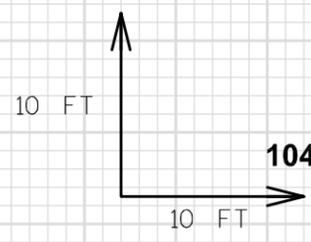
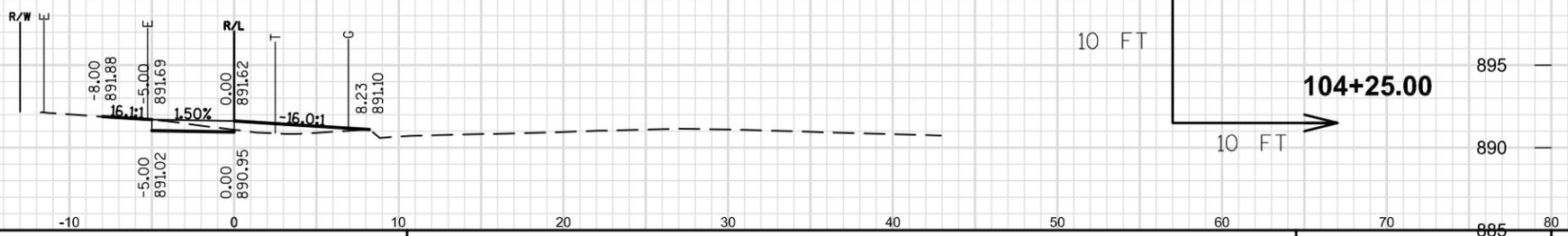
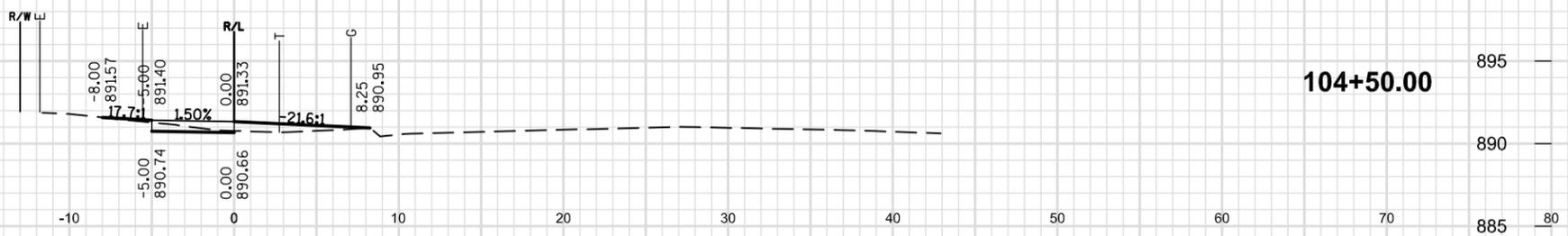
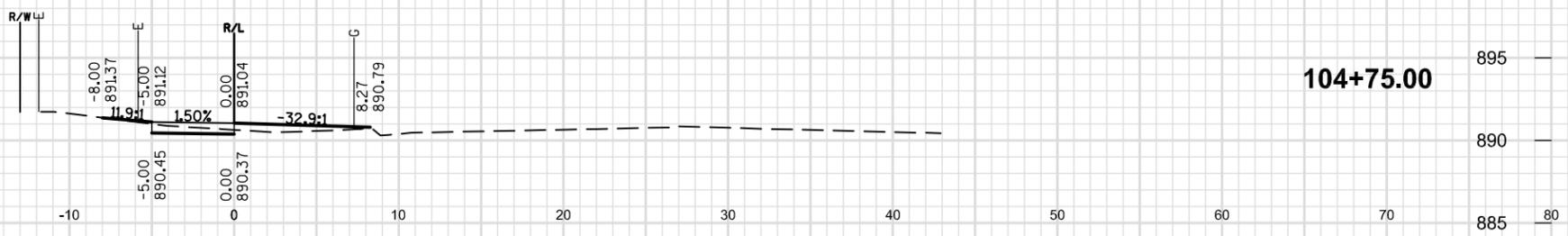
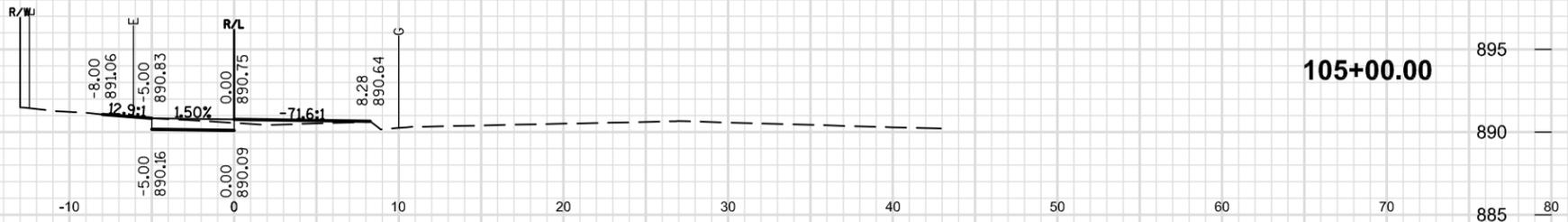
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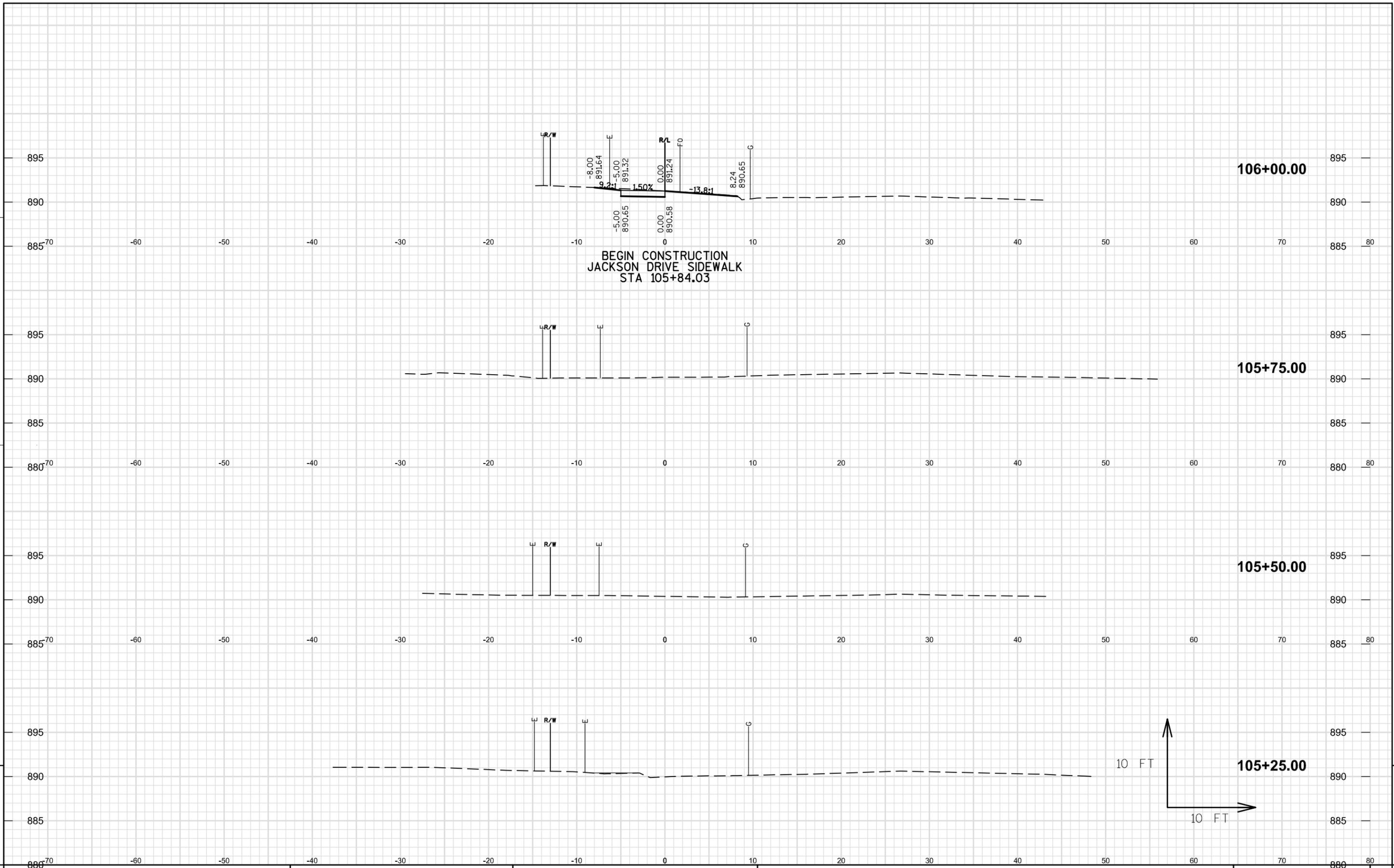
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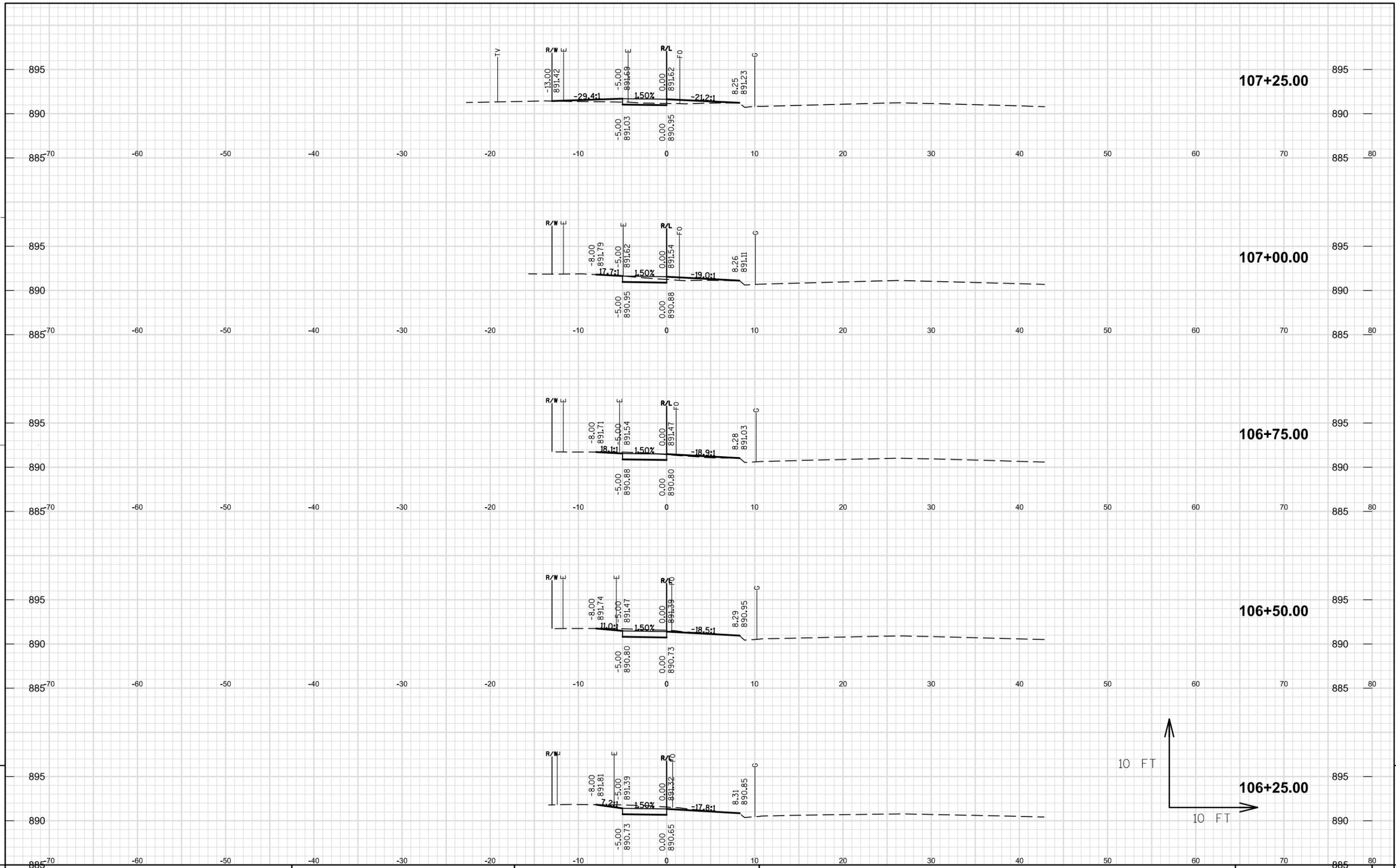
END CONSTRUCTION  
JACKSON DRIVE SIDEWALK  
STA 105+23.13





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PROJECT NO:150513

JACKSON DRIVE SIDEWALK

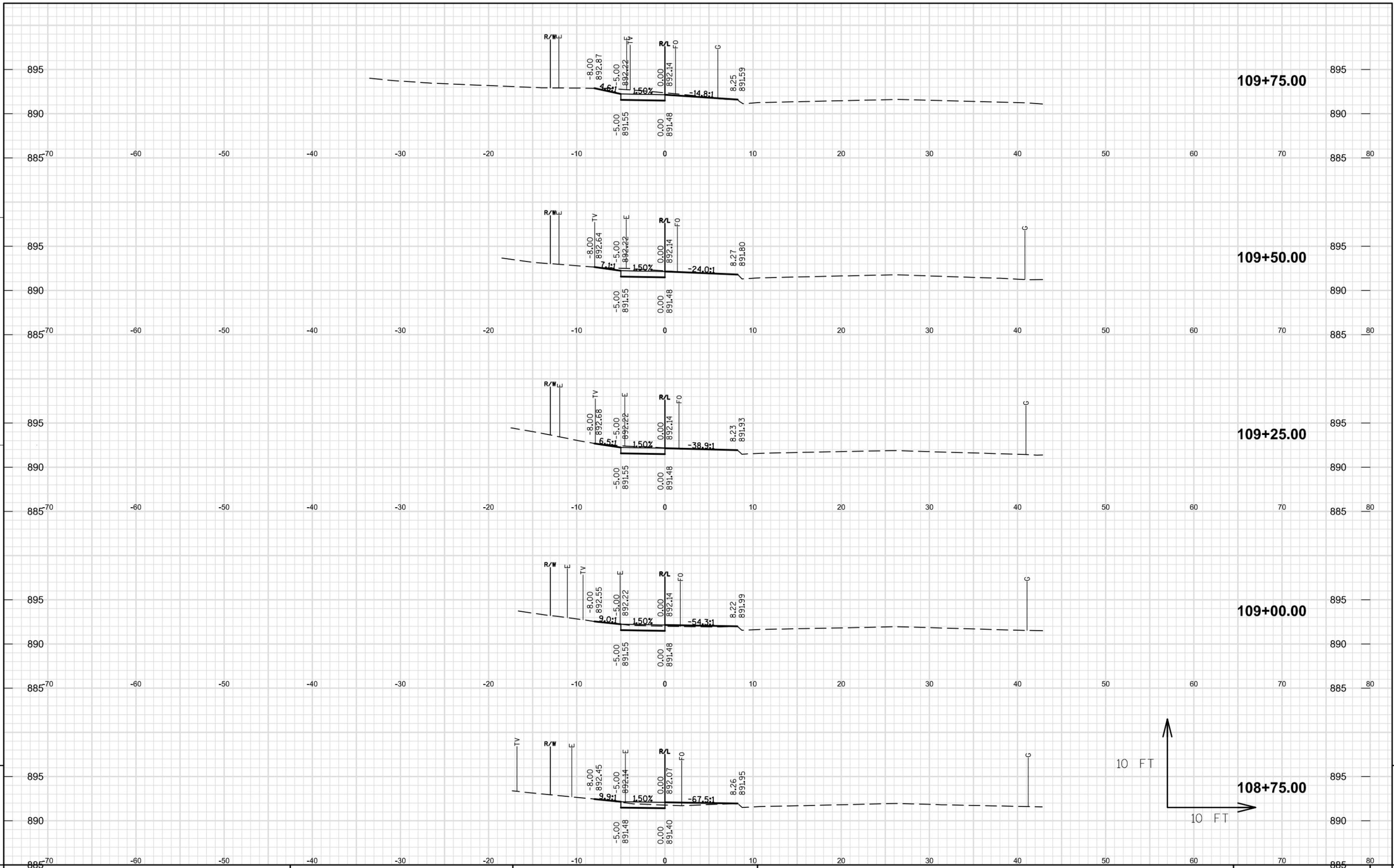
VILLAGE OF JACKSON

CROSS SECTIONS: JACKSON DRIVE

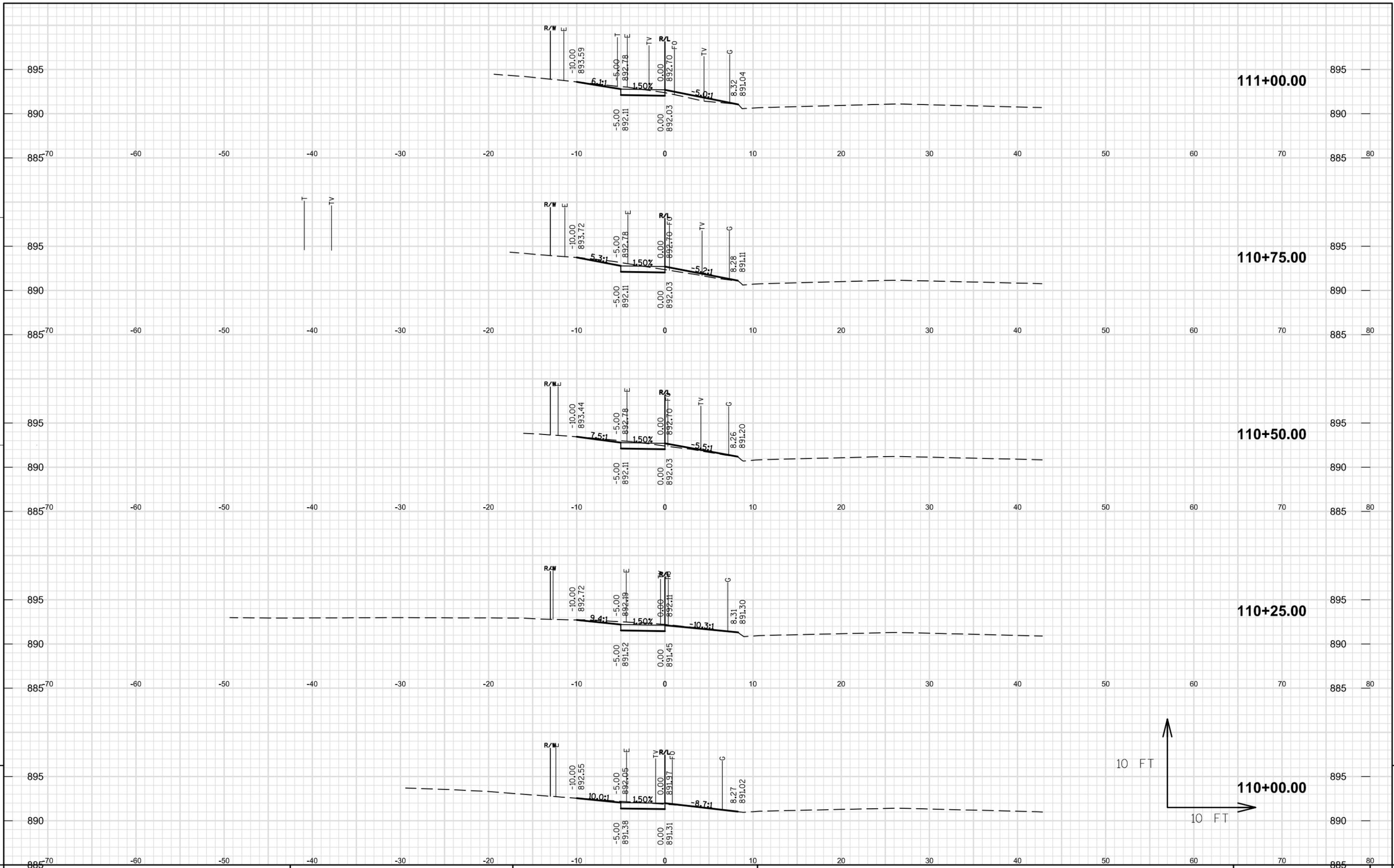
SHEET

E

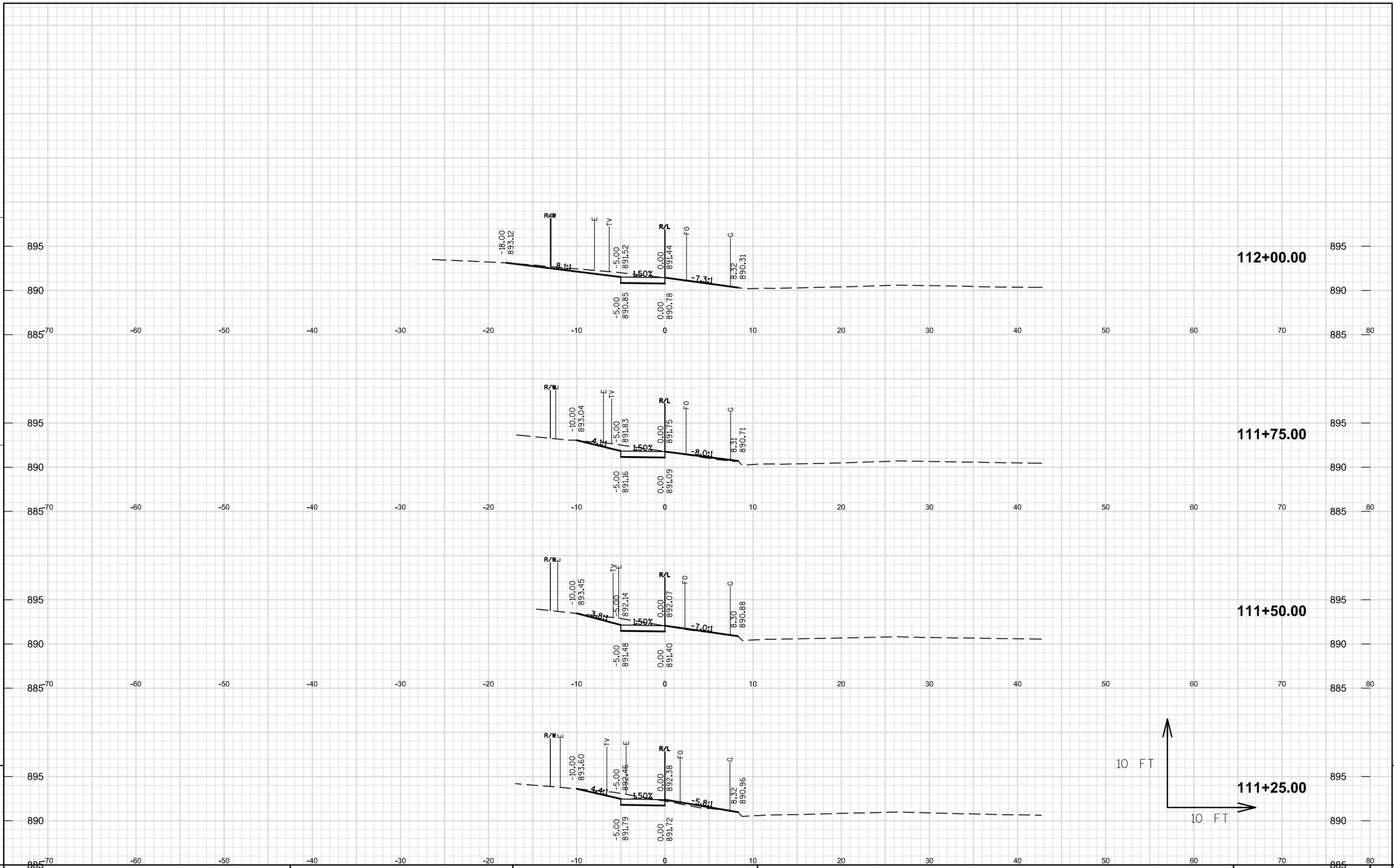




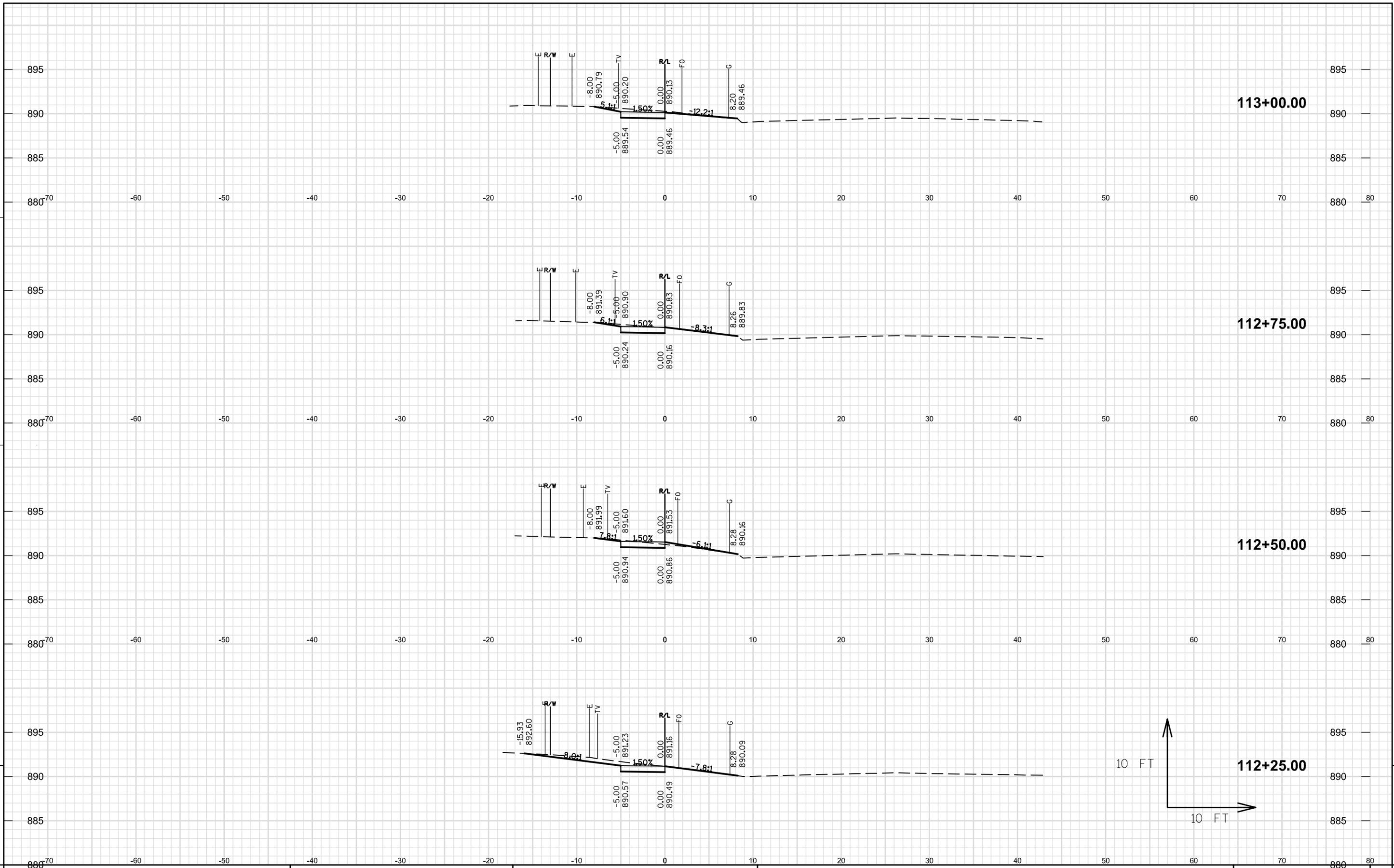
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PROJECT NO:150513 JACKSON DRIVE SIDEWALK VILLAGE OF JACKSON CROSS SECTIONS: JACKSON DRIVE SHEET 9



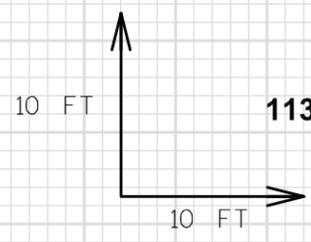
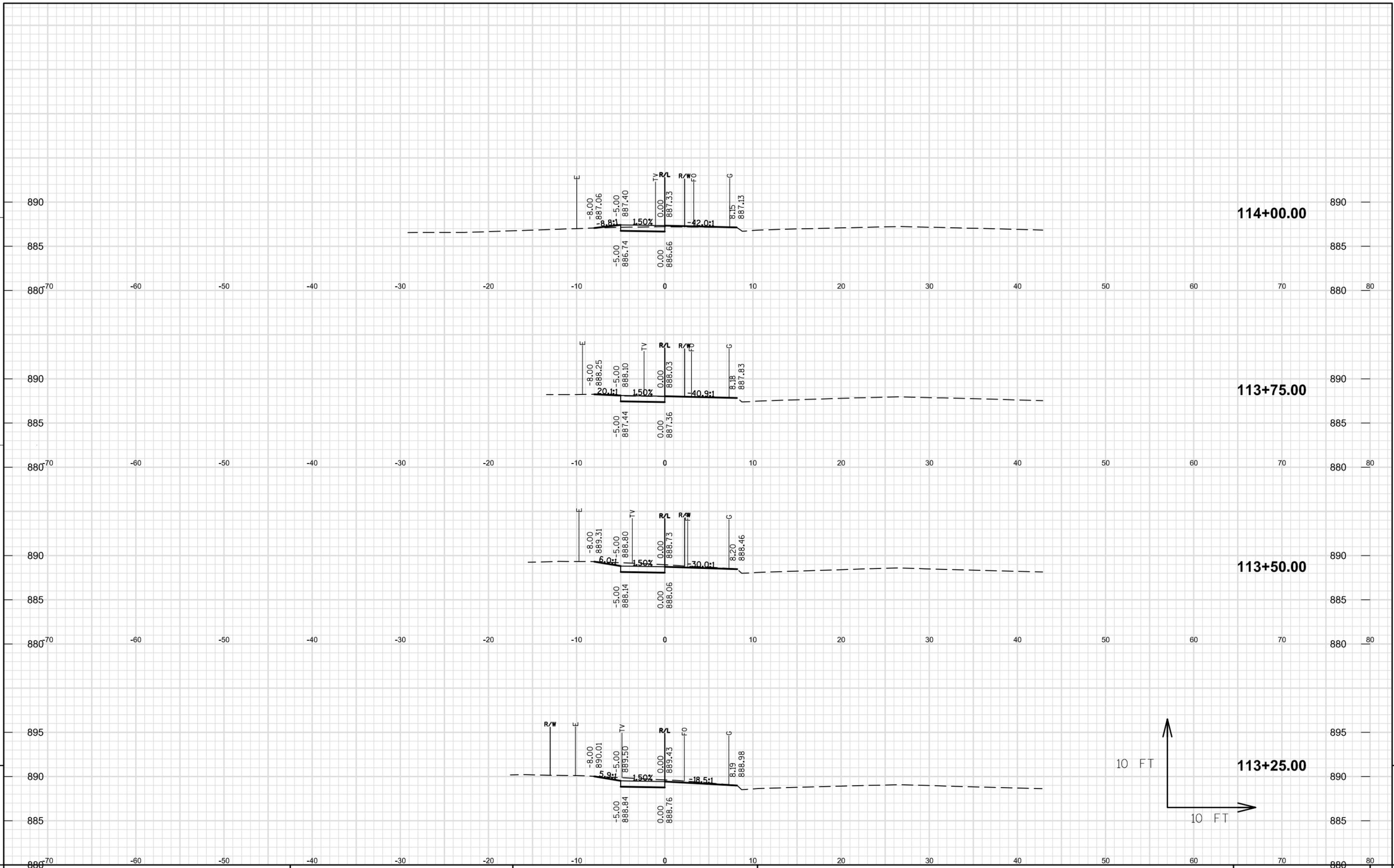
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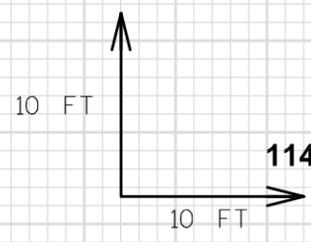
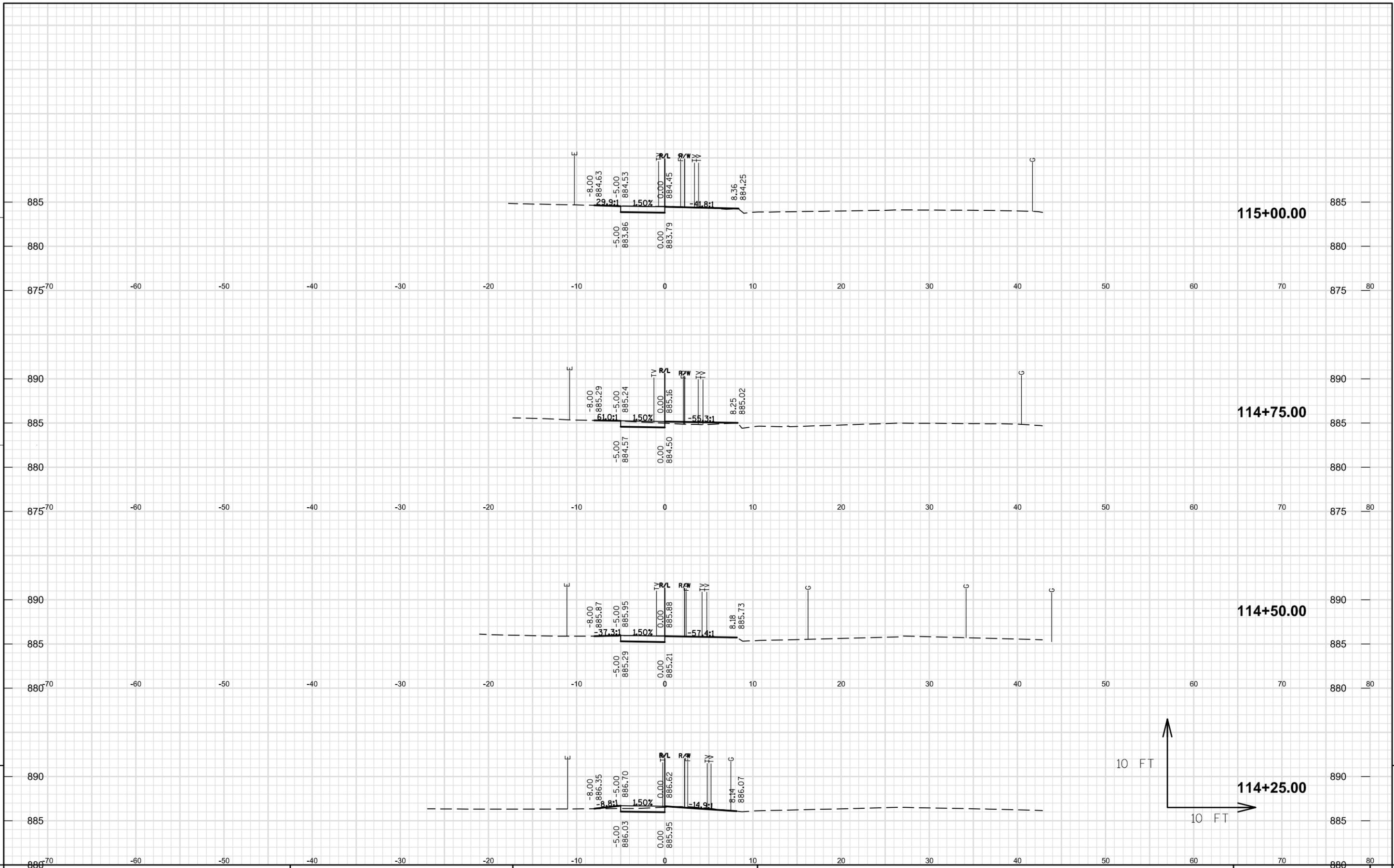


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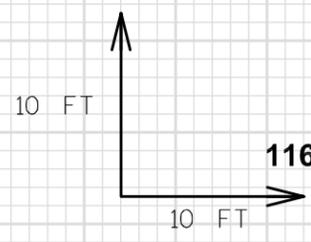
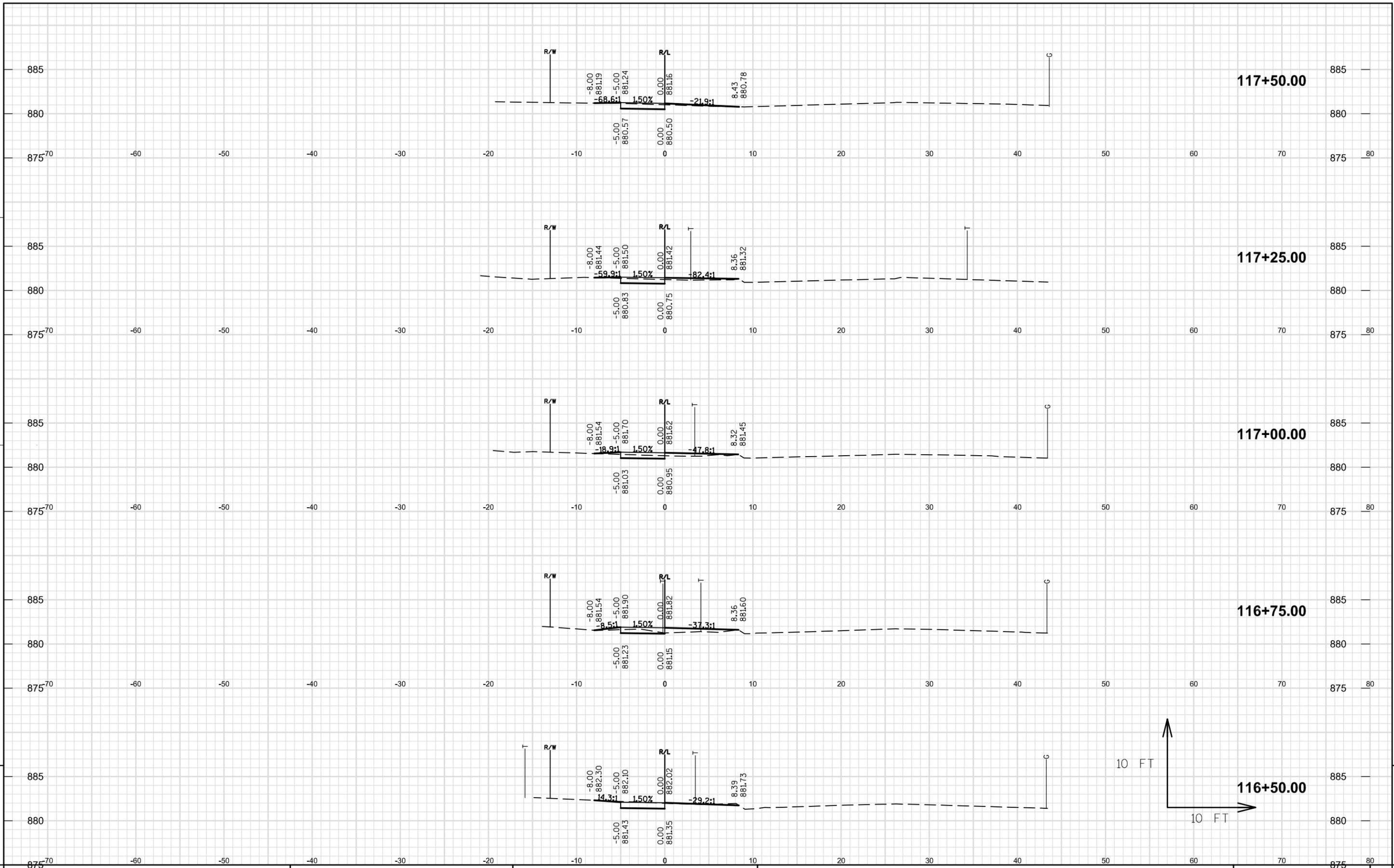
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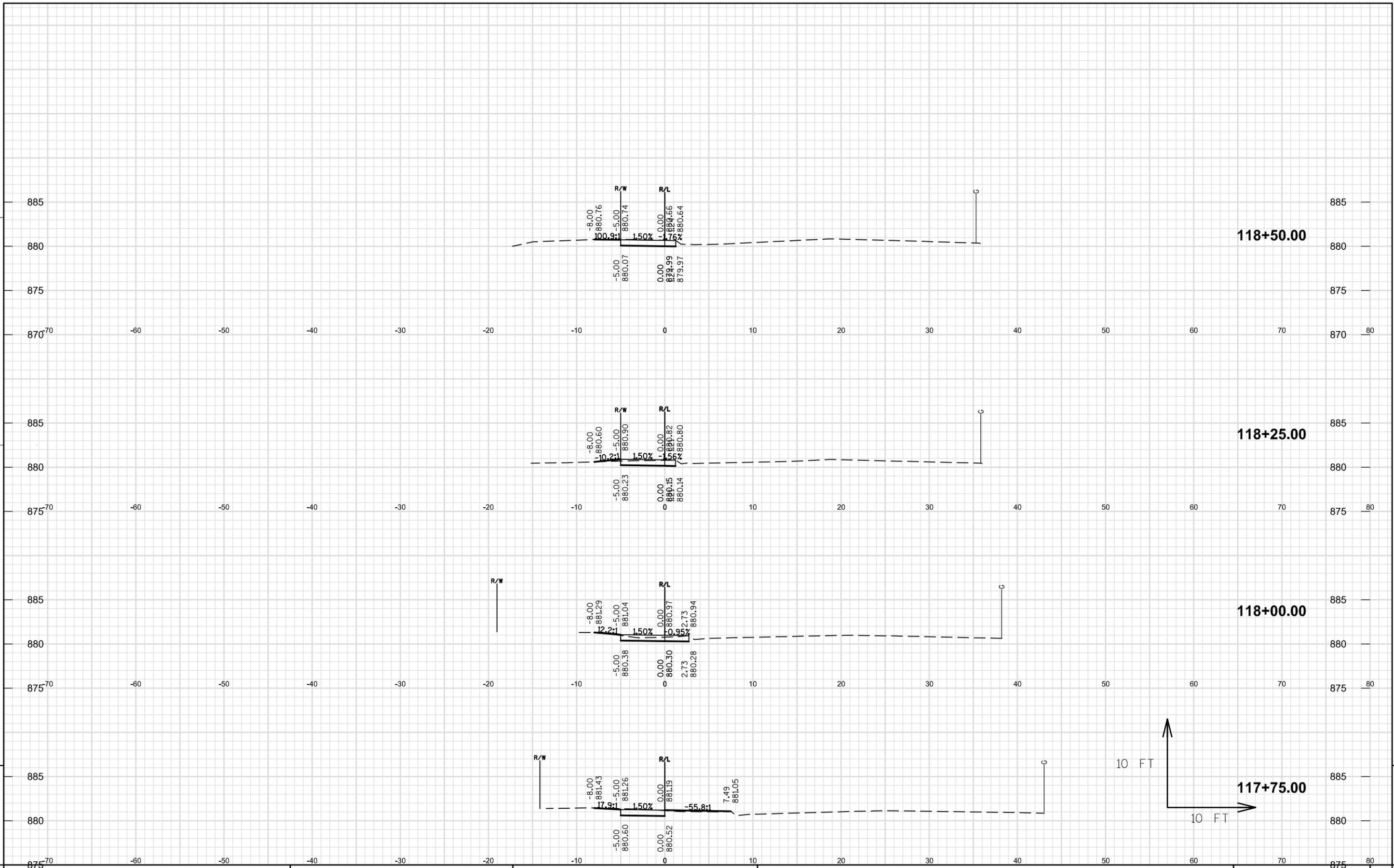




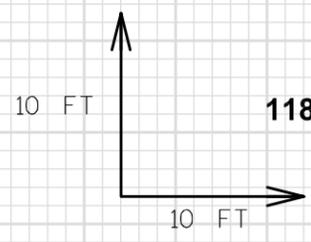
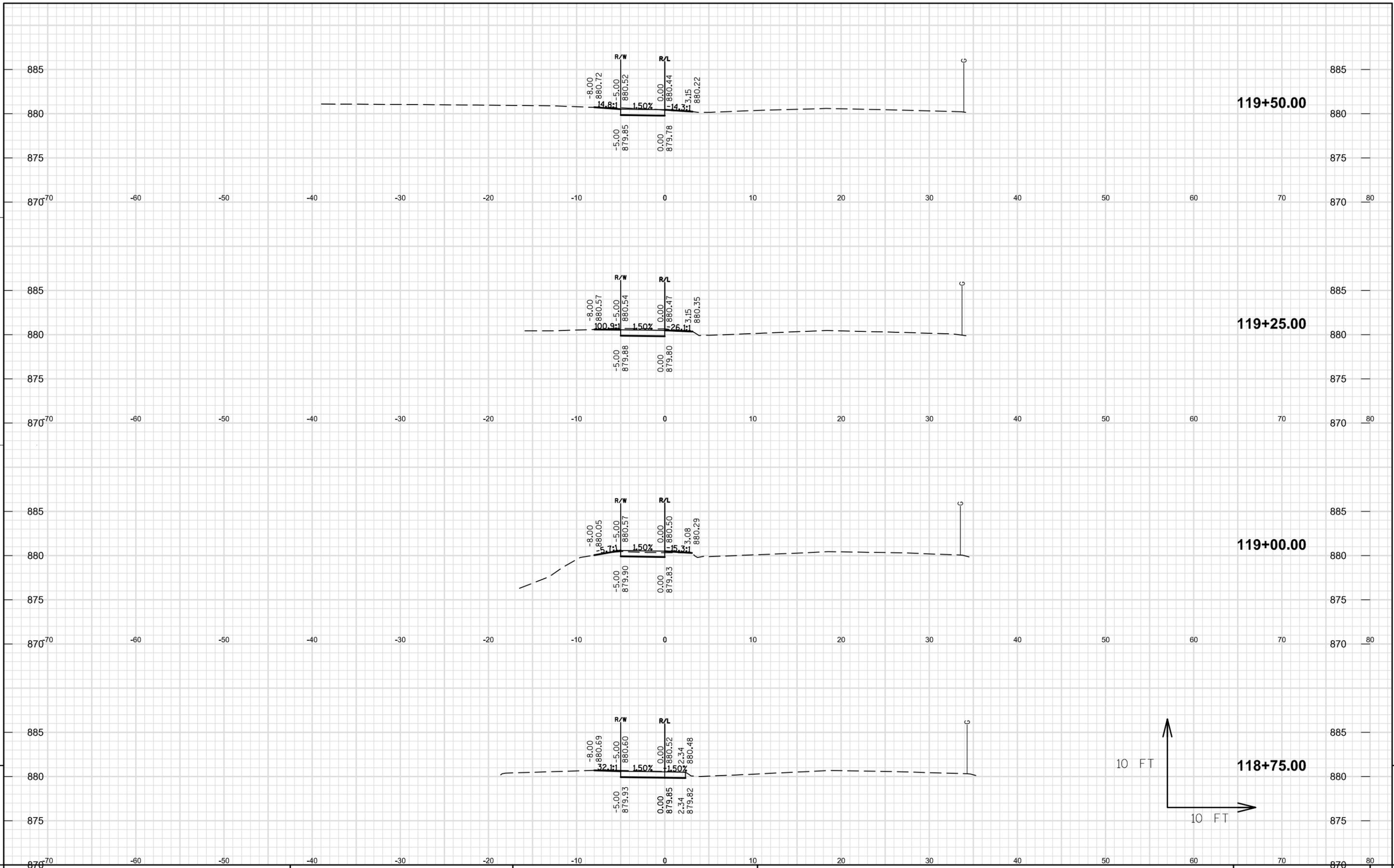
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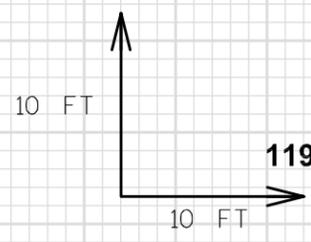
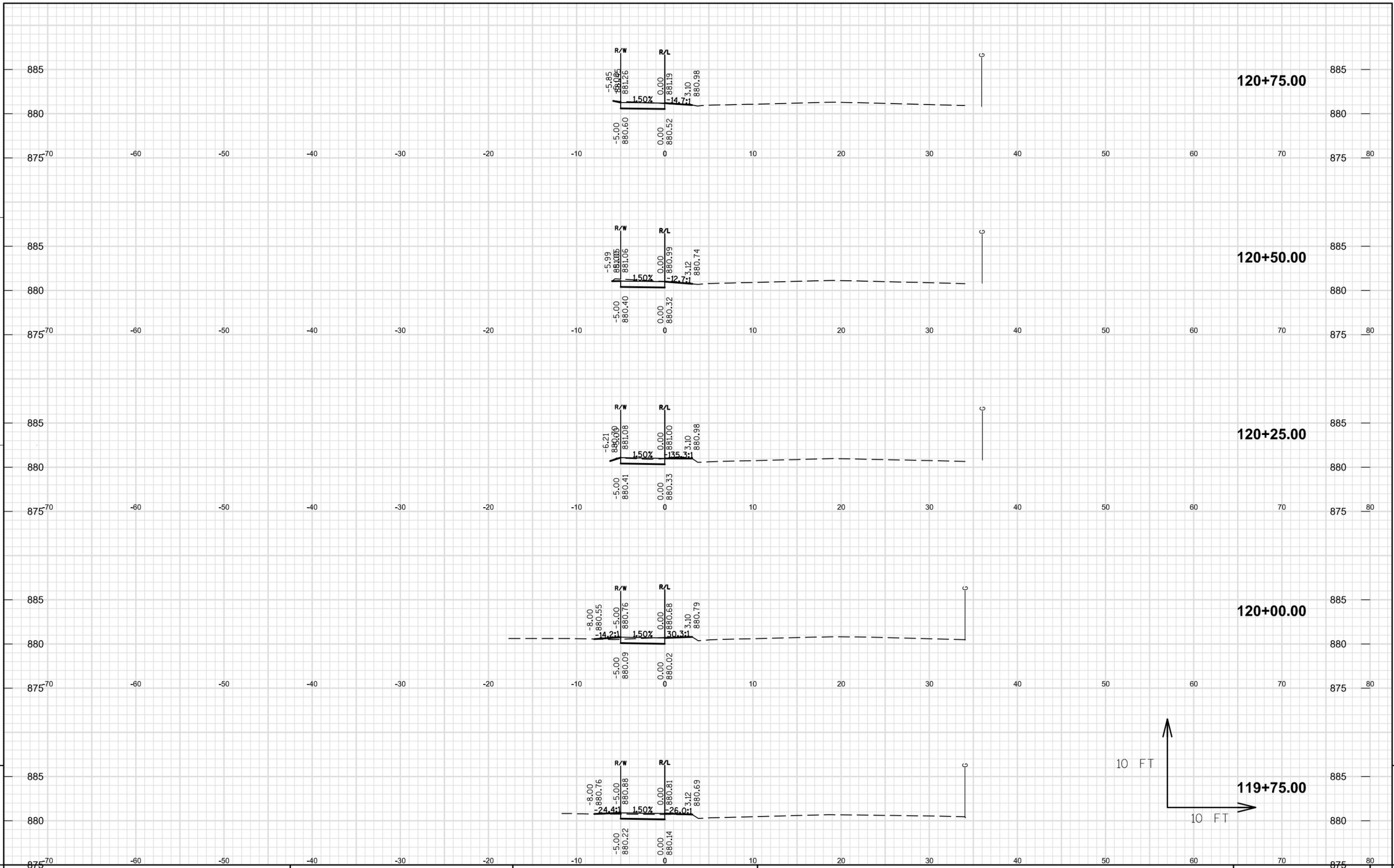


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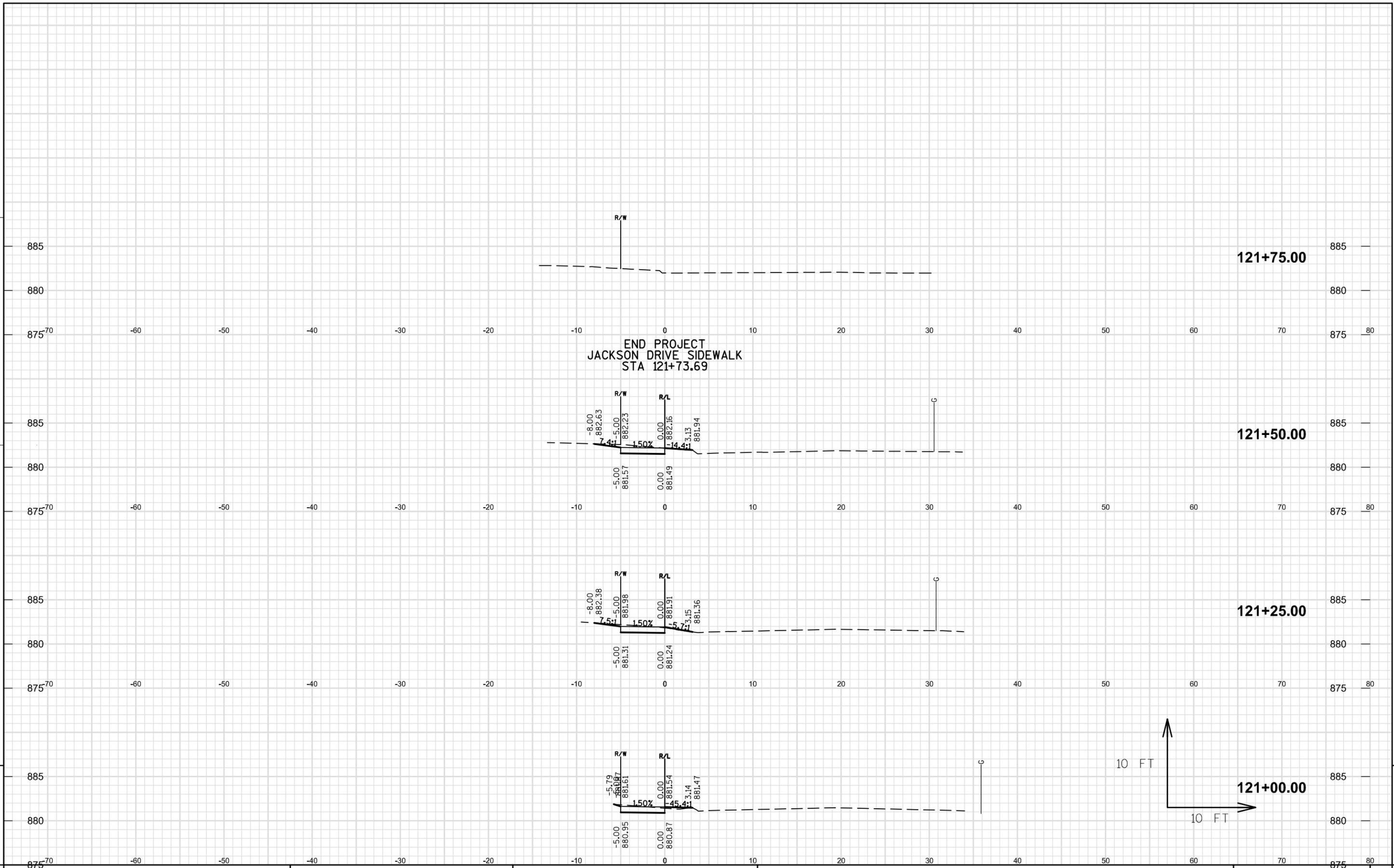
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PROJECT NO:150513      JACKSON DRIVE SIDEWALK      VILLAGE OF JACKSON      CROSS SECTIONS: JACKSON DRIVE      SHEET      **E**



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PROJECT NO:150513      JACKSON DRIVE SIDEWALK      VILLAGE OF JACKSON      CROSS SECTIONS: JACKSON DRIVE      SHEET

# Public Works Report

## July 28, 2015

**Treatment Plant** - Designed Capacity – 1.25 million gallons per day  
*Peak Flow Capacity – 6.0 million gallons per day*

### Year 2013

January	Avg. Flow 944,193 g.p.d.	Min. Flow 699,000 g.p.d.	Max. 2.054 MGD
February	Avg. Flow 845,179 g.p.d.	Min. Flow 697,000 g.p.d.	Max. 1.394 MGD
March	Avg. Flow 1.028 MGD	Min. Flow 637,000 g.p.d.	Max. 1.028 MGD
April	Avg. Flow 1.473 MGD	Min. Flow 934,000 g.p.d.	Max. 3.042 MGD
May	Avg. Flow 1.167 MGD	Min. Flow 932,000 g.p.d.	Max. 1.908 MGD
June	Avg. Flow 1.1207 MGD	Min. Flow 859,000 g.p.d.	Max. 1.791 MGD
July	Avg. Flow 777,097 g.p.d.	Min. Flow 643,000 g.p.d.	Max. 1.337 MGD
August	Avg. Flow 673,677 g.p.d.	Min. Flow 551,000 g.p.d.	Max. 1.148 MGD
September	Avg. Flow 629,533 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 761,000 g.p.d.
October	Avg. Flow 688,064 g.p.d.	Min. Flow 600,000 g.p.d.	Max. 884,000 g.p.d.
November	Avg. Flow 763,800 g.p.d.	Min. Flow 660,000 g.p.d.	Max. 1.122 MGD
December	Avg. Flow 697,677 g.p.d.	Min. Flow 564,000 g.p.d.	Max. 802,000 g.p.d.

### Year 2014

January	Avg. Flow 695,355 g.p.d.	Min. Flow 626,000 g.p.d.	Max. 822,000 g.p.d.
February	Avg. Flow 659,286 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 874,000 g.p.d.
March	Avg. Flow 941,613 g.p.d.	Min. Flow 611,000 g.p.d.	Max. 1.285 MGD
April	Avg. Flow 1.172 MGD	Min. Flow 814,000 g.p.d.	Max. 3.188 MGD
May	Avg. Flow 947,322 g.p.d.	Min. Flow 688,000 g.p.d.	Max. 1.474 MGD
June	Avg. Flow 1.199 MGD	Min. Flow 732,000 g.p.d.	Max. 2.223 MGD
July	Avg. Flow 846,226 g.p.d.	Min. Flow 670,000 g.p.d.	Max. 1.646 MGD
August	Avg. Flow 743,322 g.p.d.	Min. Flow 603,000 g.p.d.	Max. 1.039 MGD
September	Avg. Flow 646,567 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 759,000 g.p.d.
October	Avg. Flow 707,484 g.p.d.	Min. Flow 584,000 g.p.d.	Max. 898,000 g.p.d.
November	Avg. Flow 698,267 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 1.086 MGD
December	Avg. Flow 788,065 g.p.d.	Min. Flow 658,000 g.p.d.	Max. 1.228 MGD

### Year 2015

January	Avg. Flow 667,774 g.p.d.	Min. Flow 617,000 g.p.d.	Max. 713,000 g.p.d.
February	Avg. Flow 620,893 g.p.d.	Min. Flow 591,000 g.p.d.	Max. 662,000 g.p.d.
March	Avg. Flow 753,484 g.p.d.	Min. Flow 597,000 g.p.d.	Max. 885,000 g.p.d.
April	Avg. Flow 1.203 MGD	Min. Flow 705,000 g.p.d.	Max. 3.759 MGD
May	Avg. Flow 775,323 g.p.d.	Min. Flow 584,000 g.p.d.	Max. 1.317 MGD
June	Avg. Flow 905,633 g.p.d.	Min. Flow 661,000 g.p.d.	Max. 1.409 MGD

## Years Summary of Water Consumption

2000 Total Pumpage 180,485,400 gallons	2001 Total Pumpage 184,613,300 gallons
2002 Total Pumpage 200,630,000 gallons	2003 Total Pumpage 278,246,000 gallons
2004 Total Pumpage 216,055,000 gallons	2005 Total Pumpage 223,215,000 gallons
2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	

### Year 2013

Jan.	Avg.	562,000 g.p.d.	Highest Day 837,000 gal.	Total	17,422,000 gallons
Feb	Avg	549,820 g.p.d.	Highest Day 718,000 gal	Total	15,395,000 gallons
March	Avg.	540,520 g.p.d.	Highest Day 725,000 gal	Total	16,756,000 gallons
April	Avg.	585,170 g.p.d.	Highest Day 981,000 gal	Total	17,555,000 gallons
May	Avg.	595,810 g.p.d.	Highest Day 752,000 gal.	Total	18,470,000 gallons
June	Avg.	681,400 g.p.d.	Highest Day 914,000 gal.	Total	20,442,000 gallons
July	Avg.	787,230 g.p.d.	Highest Day 1.039 MGD	Total	24,404,000 gallons
August	Avg.	796,580 g.p.d.	Highest Day 1.107 MGD	Total	24,694,000 gallons
Sept	Avg.	631,500 g.p.d.	Highest Day 838,000 gal.	Total	18,945,000 gallons
Oct	Avg.	850,000 g.p.d.	Highest Day 1.13 MGD	Total	26,310,000 gallons
Nov	Avg.	568,600 g.p.d.	Highest Day 731,000 gals.	Total	17,058,000 gallons
Dec	Avg.	588,230 g.p.d.	Highest Day 701,000 gals.	Total	18,235,000 gallons

### Year 2014

Jan.	Avg.	620,550 g.p.d.	Highest Day 789,000 gals.	Total	19,237,000 gallons
Feb.	Avg.	612,390 g.p.d.	Highest Day 717,000 gals.	Total	17,147,000 gallons
March	Avg.	603,710 g.p.d.	Highest Day 678,000 gals.	Total	18,715,000 gallons
April	Avg.	602,600 g.p.d.	Highest Day 1.037 MGD	Total	18,078,000 gallons
May	Avg.	599,290 g.p.d.	Highest Day 729,000 gals.	Total	18,578,000 gallons
June	Avg.	658,000 g.p.d.	Highest Day 815,000 gals.	Total	19,740,000 gallons
July	Avg.	684,320 g.p.d.	Highest Day 881,000 gals.	Total	21,214,000 gallons
August	Avg.	703,320 g.p.d.	Highest Day 1.019 MGD	Total	21,803,000 gallons
Sept	Avg.	639,170 g.p.d.	Highest Day 747,000 gals.	Total	19,275,000 gallons
October	Avg.	658,940 g.p.d.	Highest Day 1.042 MGD	Total	20,427,000 gallons
Nov	Avg.	595,800 g.p.d.	Highest Day 733,000 gals.	Total	17,874,000 gallons
Dec	Avg.	610,970 g.p.d.	Highest Day 742,000 gals.	Total	18,940,000 gallons

### Year 2015

Jan.	Avg.	599,680 g.p.d.	Highest Day 719,000 gals.	Total	18,590,000 gallons
Feb	Avg.	587,040 g.p.d.	Highest Day 736,000 gals.	Total	16,437,000 gallons
March	Avg.	582,970 g.p.d.	Highest Day 698,000 gals.	Total	18,072,000 gallons
April	Avg.	601,370 g.p.d.	Highest Day 928,000 gals.	Total	18,041,000 gallons
May	Avg.	585,260 g.p.d.	Highest Day 698,000 gals.	Total	18,143,000 gallons
June	Avg.	640,430 g.p.d.	Highest Day 779,000 gals.	Total	19,213,000 gallons

**Pump Capacity** - Well #1- 400 g.p.m. Well #2 - abandon; Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

**WWTP – Holding & Septage Receiving**

<b>2005</b>	\$ 87,562.01	<b>2007</b>	\$152,201.07	<b>2009</b>	\$183,815.34	<b>2011</b>	\$220,576.28
<b>2006</b>	\$101,115.11	<b>2008</b>	\$210,441.47	<b>2010</b>	\$197,653.66	<b>2012</b>	\$236,224.70
<b>2013</b>	\$235,336.46	<b>2014</b>	\$203,938.32				

<b>2013</b>	<b>Holdings (gals)</b>	<b>Grease (gals)</b>	<b>G Decant (gals)</b>	<b>Septage (gals)</b>	<b>S Decant (gals)</b>	<b>Total Billings</b>
Jan	1,573,249	44,300	8,000	8,050	52,800	\$15,821.33
Feb	1,403,100	47,400		6,450	46,300	\$14,142.85
March	1,518,450	43,800	28,500	7,250	84,100	\$16,957.58
April	1,764,000	68,200	28,500	38,300	294,900	\$26,445.80
May	1,666,950	17,700	9,800	74,900	182,000	\$21,263.19
June	1,432,600	11,400	4,000	85,750	193,200	\$19,694.61
July	1,549,200	19,800		71,300	166,750	\$19,560.46
August	1,483,850	13,900	24,000	64,300	170,100	\$19,559.73
September	1,306,600	33,200	8,000	69,750	208,200	\$19,658.31
October	1,441,750	52,900	17,000	95,550	335,550	\$26,163.73

<b>2014</b>	<b>Holdings (gals)</b>	<b>Grease (gals)</b>	<b>G Decant (gals)</b>	<b>Septage (gals)</b>	<b>S Decant (gals)</b>	<b>Total Billings</b>
Jan	1,298,100	26,700	8,000	2,000	40,000	\$12,377.30
Feb	1,214,100	42,400	8,000	9,450	16,250	\$12,181.61
March	1,411,000	43,200	5,000	10,300	57,200	\$14,633.31
April	1,634,000	21,800		39,350	191,100	\$19,620.21
May	1,451,750			63,500	199,450	\$18,414.39
June	1,553,200			30,900	253,600	\$19,225.00
July	1,474,650			40,400	205,450	\$17,812.13
August	1,344,650			35,250	187,250	\$16,176.13
September	1,308,700		3,500	54,650	246,050	\$18,292.51
October	1,431,150			89,350	351,950	\$23,106.38
November	1,078,600			66,100	251,214	\$17,013.86
December	1,400,900			12,650	162,910	\$15,085.50

<b>2015</b>	<b>Holdings (gals)</b>	<b>Grease (gals)</b>	<b>G Decant (gals)</b>	<b>Septage (gals)</b>	<b>S Decant (gals)</b>	<b>Total Billings</b>
Jan	1,326,850			10,250	52,100	\$11,663.89
Feb	1,191,500			2,500	45,400	\$10,171.26
March	1,507,900			16,150	85,900	\$14,102.76
April	1,668,450			35,250	398,200	\$23,878.38
May	1,190,850			31,100	148,600	\$13,890.38
June	1,407,600			37,750	349,100	\$20,794.50

#### **Cranberry Creek Phase 4**

The pre-construction meeting was held on Tuesday, July 21<sup>th</sup> with a possible start date of early August. The first stage will be grading and installing the access road off of Jackson Drive. The Developers Agreement has been completed with the allowance of two early start permits for the construction of two building. Occupancy will be granted when all utilities and roadway is completed and approved.

#### **Stonewall Ridge Development**

The Village is waiting for the developer to propose a new site plan. The Village has notified the Developer to install the final lift of asphalt in 2015. We are working on the schedule for the final lift. No change.

#### **Rosewood Drive/TIF #4 Expansion Project**

The property has the potential of being Developed. No change.

#### **Laurel Springs Subdivision**

The Village has notified the Developer to install the final lift of asphalt in 2015. The Developer (Bielinski Homes) has requested an extension to pave in 2016 when phase 2 of the subdivision in construction. The request is under review.

#### **English Oaks Subdivision**

The Village has notified the Developer to install the final lift of asphalt in 2015. We are working on the schedule for the final lift.

#### **GIS Program**

Mpower is helping the Jackson Utilities with upgrading the mapping program with working out the details in merging the database to the map.

#### **Digester Upgrade project**

The contractor has completed the sand blasting of the roof structure and found areas in the cover that needed welding. The structure members are being installed, and the next step is painting. Change Order #2 is being created for the addition of piping supports that was installed in tank #1. We will use the credit in the contact to cover change number 2.

#### **West Shore Pipeline Break**

The punch list items for the Town of Jackson Water Expansion project is getting smaller. The remaining are curb stop adjustments, and the leaking flushing station on CTH G. A plumber has been hired to repair the leaks. First Substantial Completion date was December 18<sup>th</sup>. The next final completion date was May 29<sup>th</sup>. The third final completion date was June 26<sup>th</sup>. The recent completion date is July 24<sup>th</sup>, and how will probably be extended into August.

#### **Storm Water Management Plan**

The surveying crew from Graef has been busy taking measurements of all detention in the Village. The process will continue into August. Once the measurements are collected, the verification of the ponds functioning will be determine, and passed along allow to the owners of the pond.

Respectfully submitted, Brian W. Kober, P.E.