

AGENDA REMEMBER NOTICE OF QUORUM PRIOR FOR TOUR

Board of Public Works Meeting

Tuesday, October 27, 2015 – 7:00 P.M.

Jackson Village Hall

N168W20733 Main Street

1. Call to Order and Roll Call.
2. Approval of Minutes for September 29, 2015, meeting.
3. Pay Request #2 – Georgetown Dr. Reconstruction Project.
4. Review of Bids for Stonewall Connector Trail Project.
5. Pay Request #1 – Jackson Drive Sidewalk Project
6. Acceptance of Work - West Shore Pipeline Water Extension Project
7. Pay Request #3 – Georgetown Dr. Reconstruction Project
8. Milwaukee River Watershed Conservation Partnership
9. Director of Public Works Report.
10. Citizens/Village Staff to address the Board.
11. 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, September 29, 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: Linda Granec, Brian Heckendorf, Scott Thielmann, and Corinne Benson.

Members excused: Tr. Mittelsteadt.

Not Present: Tr. Lippold

Staff present: Brian Kober, John Walther, Jim Micech

2. Approval of Minutes for August 25, 2015, meeting.

Motion by Corinne Benson, second by Scott Thielmann to approve the minutes of the August 25, 2015, Board of Public Works meeting.

Vote: 5 ayes, 0 nays. Motion carried.

3. Review of Bids for Stonewall Connector Trail Project.

Brian Kober presented information on the project. He reviewed the new design with the engineer estimate. He commented on the narrowing of the pavement to eight feet. The sign will be taken out as the DNR will not allow the sign. The new price is \$154,531.50. There is \$45,000 available with the grant.

Motion by Scott Thielmann, second by Corinne Benson to recommend the Village Board approve the new bid of \$154,531.50 with Johnson Paving.

Vote: 5 ayes, 0 nays. Motion carried.

4. Pay Request #7 – Digester Improvement Project.

Brian Kober reviewed the pay request as submitted in the packet. Brian also reviewed the project spreadsheet.

Motion by Brian Heckendorf, second by Tr. Olson to recommend the Village Board approve the Pay request #7 to Sabel Mechanical in an amount not to exceed \$150,501.

Vote: 5 ayes, 0 nays. Motion carried.

5. Resolution 15-16 Adoption of 2014 Compliance Maintenance Annual Report.

Brian Kober reviewed the report. Motion by Tr. Olson, second by Linda Granec to Recommend the Village Board approve Resolution 15-16 adoption of the Compliance Maintenance Annual Report.

Vote: 5 ayes, 0 nays. Motion carried.

6. Pay Request #2 – Georgetown Dr. Reconstruction Project.

Brian Kober reviewed the pay request for the Georgetown Dr. Reconstruction Project.

Motion by Linda Granec, second by Corinne Benson, to refer the item to the next Board of Public Works Meeting.

Vote: 5 ayes, 0 nays. Motion carried.

7. Review of Engineering Services Wilshire Dr. Reconstruction Project.

Motion by Scott Thielmann, second by Linda Granec to recommend the Village Board approve

Engineering services in an amount not to exceed \$48,321, plus incidentals, with Gremmer & Associates for the Wilshire Dr. Reconstruction Project.

Vote: 5 ayes, 0 nays. Motion carried.

8. 2016 Budget Presentation – Building Inspection Department.

Building Inspector Jim Micech presented the 2016 Budget.

9. 2016 – Five (5) year Capital Improvements Program.

Brian Kober presented the 2016 Five (5) Year Capital Improvements Program.

10. 2016 – Public Works Equipment Program.

Brian Kober presented the 2016 Public Works Equipment Program.

11. 2016 – Budget Presentation – Water & Wastewater Utility & Public Works.

Brian Kober presented the 2016 Water & Wastewater Utility & Public Works Budget Presentation.

12. Director of Public Works Report.

Brian Kober reviewed the Public Works Report.

Brian reminded the public and board of the October 10, 2015, Washington County Household & Agricultural Hazardous Waste Full Service Collection.

Brian commented that prior to the next Board of Public Works meeting he will offer tours of the Police Department building and the Village Hall.

Motion by Linda Granec, second by Scott Thielmann to place the report on file.

Vote: 5 ayes, 0 nays. Motion carried.

13. Citizens/Village Staff to address the Board.

Casey Latz spoke. She commented thank you to the Village Board and the Board of Public Works for the sidewalks on Jackson Drive for the safety of the kids. She noted concern of placement of sidewalks on Eagle Drive and the assessment.

14. Adjourn.

Motion by Linda Granec, second by Corinne Benson to adjourn at 9:07 p.m.

Vote: 5 ayes, 0 nays. Motion carried.

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

October 8, 2015

W141579.00

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

**Application for Payment No. 2
Georgetown Drive Improvements
Village of Jackson, Wisconsin**

Dear Brian:

Enclosed for your use in payment to Advance Construction Co., in the amount of \$238,910.29 is Application for Payment No. 2.

Following your review and approval, please complete the application for payment form within the areas reserved for the Owner and process payment to the Contractor accordingly.

Should you have any questions, please feel free to contact me at our Milwaukee Regional office.

Sincerely,

GAI Consultants, Inc.



Ronald D. Dalton, P.E.
Senior Engineering Manager

RDD/pat

Enc.: Application for Payment No. 2

cc: Paul Kultger, Advance Construction Co.

Progress Estimate

Contractor's Application

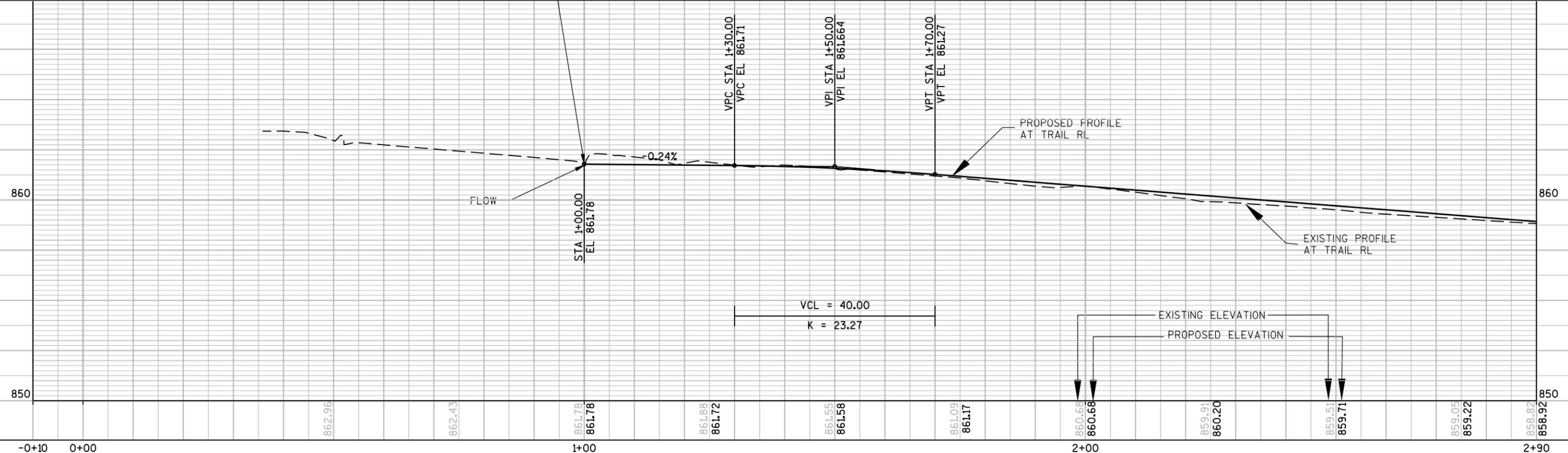
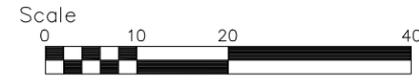
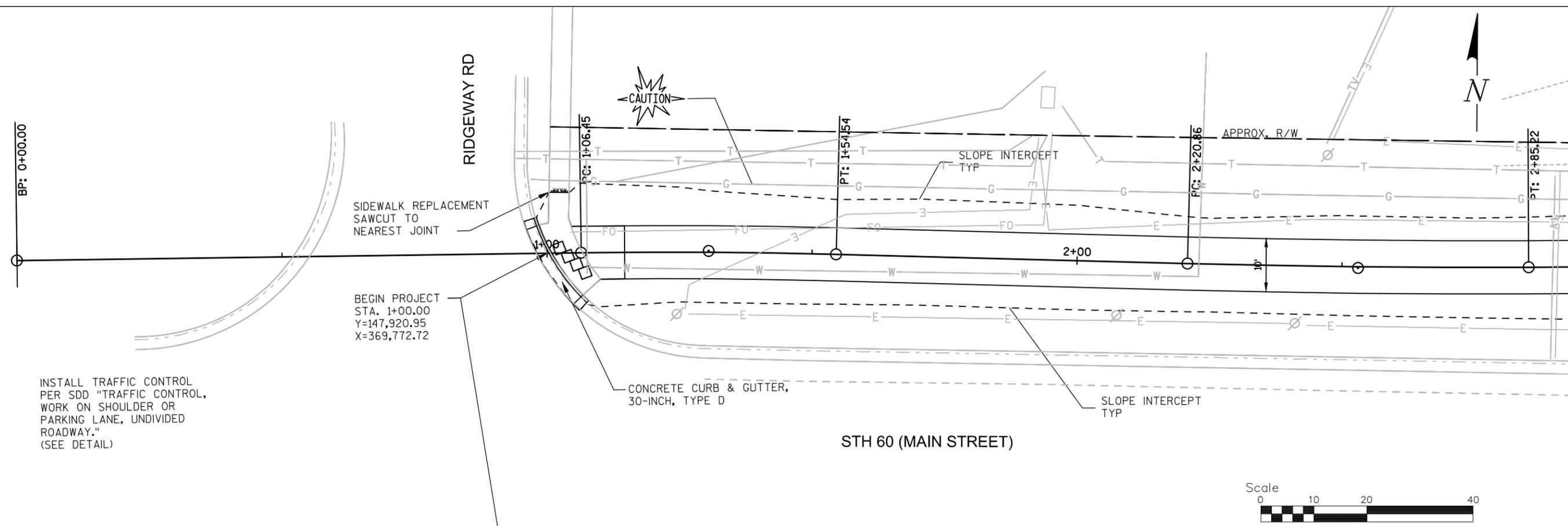
For (contract):		Village of Jackson - Georgetown Drive Reconstruction						Application Number:			
Application Period		August 20, 2015 - September 22, 2015						2(two)			
A		B			C		D	E	F		
Bid Item No.	Item Description	Bid Quantity		Unit Price	Bid Value	Estimated Quantity Installed	Value	Materials Presently Stored (not in C)	Total Completed and Stored to date (D + E)	% (F + B)	Balance to Finish (B - F)
Section A - Sanitary Sewer											
1	8" sanitary sewer relay	725.00	If	114.00	82,650.00	762.30	86,902.20		86,902.20	105%	-4,252.20
2	48" diameter sanitary manhole	38.00	vf	250.00	9,500.00	37.62	9,405.00		9,405.00	99%	95.00
3	6" sanitary sewer lateral	143.00	If	85.00	12,155.00	42.00	3,570.00		3,570.00	29%	8,585.00
Section B - Water main											
4	8" water main relay	748.00	If	89.25	66,759.00	755.50	67,428.38		67,428.38	101%	-669.38
5	8" gate valve	3.00	ea	1,591.00	4,773.00	3.00	4,773.00		4,773.00	100%	0.00
6	6" water main relay	14.00	If	89.25	1,249.50	19.50	1,740.38		1,740.38	139%	-490.88
7	6" gate valve	1.00	ea	1,016.00	1,016.00	1.00	1,016.00		1,016.00	100%	0.00
8	Hydrant assembly	3.00	ea	6,290.00	18,870.00	3.00	18,870.00		18,870.00	100%	0.00
9	1 1/4" water service	136.00	If	36.00	4,896.00	81.50	2,934.00		2,934.00	60%	1,962.00
10	1 1/4" water service fittings	4.00	ea	522.50	2,090.00	2.00	1,045.00		1,045.00	50%	1,045.00
Section C - Storm Sewer											
11	36" HDPE Storm Sewer	117.00	If	117.00	13,689.00	95.00	11,115.00		11,115.00	81%	2,574.00
12	30" HDPE Storm Sewer	300.00	If	104.00	31,200.00	294.50	30,628.00		30,628.00	98%	572.00
13	15" HDPE Storm Sewer	10.00	If	64.50	645.00	10.00	645.00		645.00	100%	0.00
14	12" HDPE Storm Sewer	224.00	If	52.50	11,760.00	230.50	12,101.25		12,101.25	103%	-341.25
15	19x30 CL HE-V RCP storm sewer	646.00	If	120.00	77,520.00	680.00	81,600.00		81,600.00	105%	-4,080.00
16	19x30 CL HE-V RCP - 15 degree mitered pipe	2.00	ea	2,300.00	4,600.00	2.00	4,600.00		4,600.00	100%	0.00
17	6" pvc storm sewer lateral	314.00	If	34.00	10,676.00	133.50	4,539.00		4,539.00	43%	6,137.00
18	60" storm manhole(2units)	14.20	vf	540.00	7,668.00	9.93	5,362.20		5,362.20	70%	2,305.80
19	72" storm manhole(1unit)	4.50	vf	707.40	3,183.30	8.62	6,097.79		6,097.79	192%	-2,914.49

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

						Johnson & Sons, LLC.					
Bid Opening: July 21, 2015, 10:00 AM											
Item No.	Item	Unit	Estimated Quantity	Engineer's Estimate		Bidder No. 3		REVISED Engineer's Estimate			
				Unit Price	Total	Unit Price	Total	Estimated Quantity	Unit Price	Total	
1	Clearing	STA	1	\$ 335.59166	\$ 335.59	\$ 620.00	\$ 620.00	0	\$620.00	\$ -	
2	Grubbing	STA	1	\$ 337.22570	\$ 337.23	\$ 620.00	\$ 620.00	0	\$620.00	\$ -	
3	Removing Curb and Gutter	LF	32	\$ 7.56612	\$ 242.12	\$ 4.00	\$ 128.00	34	\$4.00	\$ 136.00	
4	Excavation Common	CY	600	\$ 20.63000	\$ 12,378.00	\$ 33.00	\$ 19,800.00	335	\$33.00	\$ 11,055.00	
5	Borrow	CY	--	--	\$ -	--	\$ -	100	\$6.00	\$ 600.00	
6	Base Aggregate Dense 1-1/4 Inch	TON	530	\$ 14.90095	\$ 7,897.50	\$ 20.00	\$ 10,600.00	450	\$20.00	\$ 9,000.00	
7	Tack Coat	GAL	--	--	\$ -	--	\$ -	75	\$5.00	\$ 375.00	
8	Asphaltic Surface	TON	370	\$ 96.74347	\$ 35,795.08	\$ 115.00	\$ 42,550.00	360	\$115.00	\$ 41,400.00	
9	Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch	LF	24	\$ 250.00000	\$ 6,000.00	\$ 761.00	\$ 18,264.00	0	\$761.00	\$ -	
10	Apron Endwall for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76 Inch	EACH	2	\$ 1,450.00000	\$ 2,900.00	\$ 5,930.00	\$ 11,860.00	0	\$5,930.00	\$ -	
11	73x55 Inch Corrugated Steel Aluminize Pipe Arch	LF						40	\$250.00	\$ 10,000.00	
12	Corrugated Steel Aluminize Pipe Arch Endwall	EACH						2	\$1,500.00	\$ 3,000.00	
13	Concrete Curb and Gutter 30 Inch, Type D	LF	32	\$ 27.28617	\$ 873.16	\$ 62.00	\$ 1,984.00	751	\$25.00	\$ 18,775.00	
14	Concrete Sidewalk 5 Inch	SF	270	\$ 5.10430	\$ 1,378.16	\$ 9.30	\$ 2,511.00	199	\$9.30	\$ 1,850.70	
15	Curb Ramp Detectable Warning Field Yellow	SF	32	\$ 35.46929	\$ 1,135.02	\$ 74.40	\$ 2,380.80	32	\$74.40	\$ 2,380.80	
16	Riprap	CY	4	\$ 72.28205	\$ 289.13	\$ 190.00	\$ 760.00	7	\$190.00	\$ 1,330.00	
17	Mobilization	EACH	1	\$ 4,025.00000	\$ 4,025.00	\$ 1,143.45	\$ 1,143.45	1	\$1,143.45	\$ 1,143.45	
18	Salvaged Topsoil	SY	1640	\$ 2.14581	\$ 3,519.13	\$ 1.50	\$ 2,460.00	1,865	\$1.50	\$ 2,797.50	
19	Mulching	SY	1500	\$ 0.28040	\$ 420.60	\$ 1.00	\$ 1,500.00	1,865	\$1.00	\$ 1,865.00	
20	Erosion Bales	EACH	184	\$ 9.38923	\$ 1,727.62	\$ 22.00	\$ 4,048.00	205	\$22.00	\$ 4,510.00	
21	Silt Fence	LF	1200	\$ 1.85708	\$ 2,228.50	\$ 2.50	\$ 3,000.00	1,250	\$2.50	\$ 3,125.00	
22	Silt Fence Maintenance	LF	1200	\$ 0.11829	\$ 141.95	\$ 0.70	\$ 840.00	1,250	\$0.70	\$ 875.00	
23	Erosion Mat Class I Type B	SY	62	\$ 0.96740	\$ 59.98	\$ 4.50	\$ 279.00	325	\$4.50	\$ 1,462.50	
24	Inlet Protection Type C	EACH	1	\$ 51.44689	\$ 51.45	\$ 126.00	\$ 126.00	2	\$126.00	\$ 252.00	
25	Temporary Ditch Checks	LF	14	\$ 9.51291	\$ 133.18	\$ 26.00	\$ 364.00	14	\$26.00	\$ 364.00	
26	Culvert Pipe Checks	EACH	1	\$ 132.85470	\$ 132.85	\$ 188.00	\$ 188.00	1	\$188.00	\$ 188.00	
27	Tracking Pads	EACH	3	\$ 1,653.26200	\$ 4,959.79	\$ 1,200.00	\$ 3,600.00	4	\$1,200.00	\$ 4,800.00	
28	Seeding Mixture No. 20	LB	45	\$ 8.26316	\$ 371.84	\$ 15.00	\$ 675.00	51	\$15.00	\$ 765.00	
29	Posts Wood 4x6 Inch x 12 Ft	EACH	2	\$ 52.08039	\$ 104.16	\$ 126.00	\$ 252.00	2	\$126.00	\$ 252.00	
30	Signs Type II Reflective H	SF	12.125	\$ 25.00000	\$ 303.13	\$ 62.00	\$ 751.75	12	\$62.00	\$ 751.75	
31	Traffic Control	EACH	1	\$ 500.00000	\$ 500.00	\$ 240.00	\$ 240.00	1	\$240.00	\$ 240.00	
32	Traffic Control Drums	DAY	1350	\$ 0.51088	\$ 689.69	\$ 1.00	\$ 1,350.00	420	\$1.00	\$ 420.00	
33	Traffic Control Signs	DAY	270	\$ 1.30611	\$ 352.65	\$ 1.00	\$ 270.00	140	\$1.00	\$ 140.00	
34	Geotextile Fabric Type HR	SY	3	\$ 5.22992	\$ 15.69	\$ 100.00	\$ 300.00	3	\$100.00	\$ 300.00	
35	Pavement Marking Epoxy 4 Inch Yellow	LF	346	\$ 0.29417	\$ 101.78	\$ 2.50	\$ 865.00	1,210	\$2.50	\$ 3,025.00	
36	Pavement Marking Stop Line Epoxy 24 Inch	LF	20	\$ 7.67293	\$ 153.46	\$ 2.50	\$ 50.00	20	\$2.50	\$ 50.00	
37	Pavement Marking Crosswalk Epoxy 12 Inch	LF	100	\$ 9.13573	\$ 913.57	\$ 2.50	\$ 250.00	100	\$2.50	\$ 250.00	
38	Sawing Concrete	LF	8	\$ 1.41786	\$ 11.34	\$ 62.00	\$ 496.00	8	\$62.00	\$ 496.00	
39	WDNR Signs	EACH	2	\$ 1,400.00000	\$ 2,800.00	\$ 5,636.00	\$ 11,272.00	0	\$5,636.00	\$ -	
40	Wall Modular Block Gravity	SF	375	\$ 33.04286	\$ 12,391.07	\$ 49.00	\$ 18,375.00	0	\$49.00	\$ -	
41	Rail Fence	LF	345	\$ 12.00000	\$ 4,140.00	\$ 67.00	\$ 23,115.00	0	\$67.00	\$ -	
				Total Est.	\$ 109,809.41	Total No. 3	\$ 187,888.00			Total Est.	\$ 127,974.70

ADDITIONAL ITEMS FOR DRAINAGE ALONG STH 60										
1A	Excavation Common	CY	--	--	--	--	--	500	\$33.00	\$ 16,500.00
2A	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	--	--	--	--	--	85	\$60.00	\$ 5,100.00
3A	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	--	--	--	--	--	3	\$800.00	\$ 2,400.00
4A	Riprap	CY	--	--	--	--	--	3	\$190.00	\$ 570.00
5A	Inlet Covers Type H	EACH	--	--	--	--	--	3	\$600.00	\$ 1,800.00
6A	Catch Basins 2x3-FT	EACH	--	--	--	--	--	3	\$1,250.00	\$ 3,750.00
7A	Salvaged Topsoil	SY	--	--	--	--	--	1,470	\$1.50	\$ 2,205.00
8A	Mulching	SY	--	--	--	--	--	1,470	\$1.00	\$ 1,470.00
9A	Seeding Mixture No. 20	LB	--	--	--	--	--	40	\$15.00	\$ 600.00
									Total Est.	\$ 34,395.00

FILE NAME : F:\B\MI-3372-Jackson STH 60 Trail - Village of Jackson\C344\Sheets\Plan\050101-pp.dwg
 PLOT BY : -----
 SHEET SET : 5.00
 PLOT SCALE : 40:1



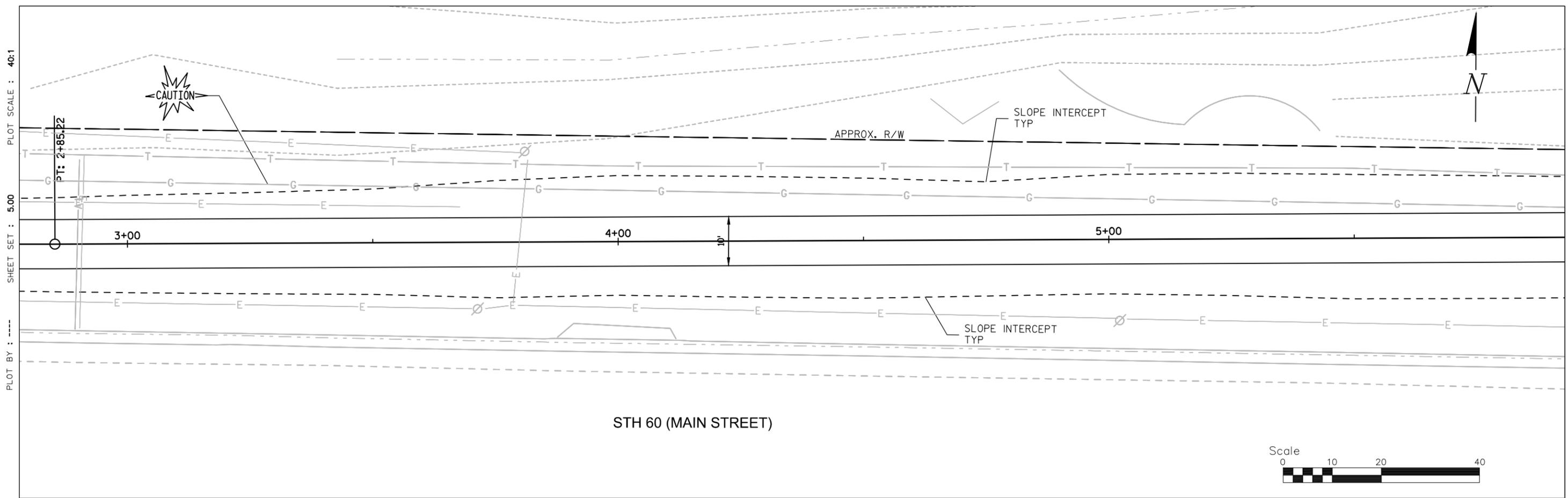
BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
 10501 W. Research Drive • Milwaukee, WI 53226
 Phone: (414) 771-3390 Fax: (414) 771-4490

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

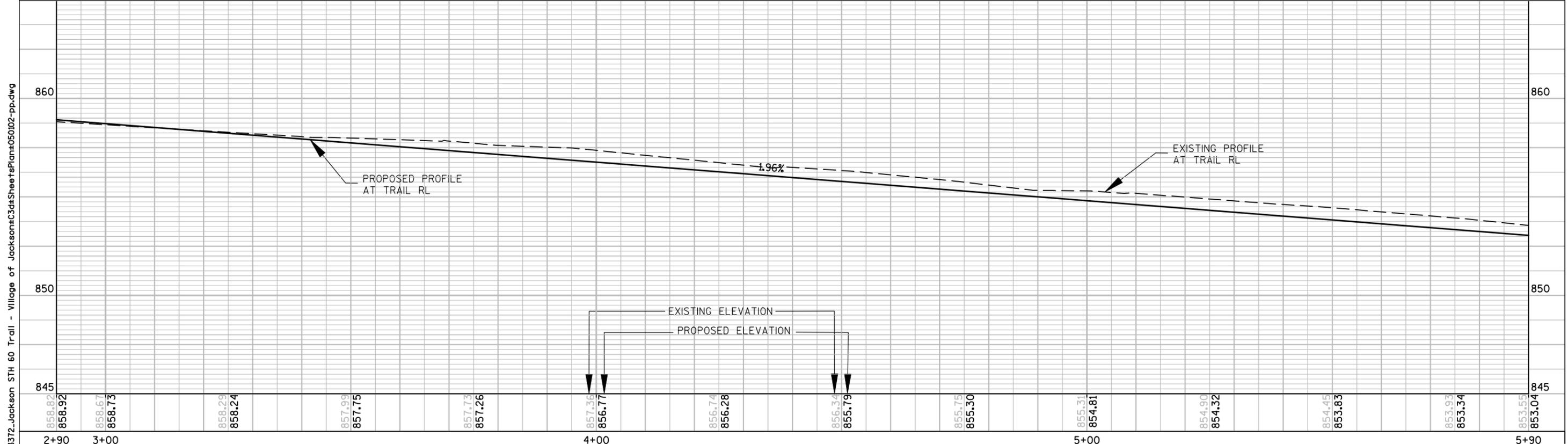
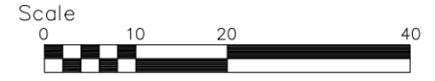
PLAN & PROFILE			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

PLOT SCALE : 40:1
SHEET SET : 5:00
PLOT BY : ----

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STH 60 (MAIN STREET)



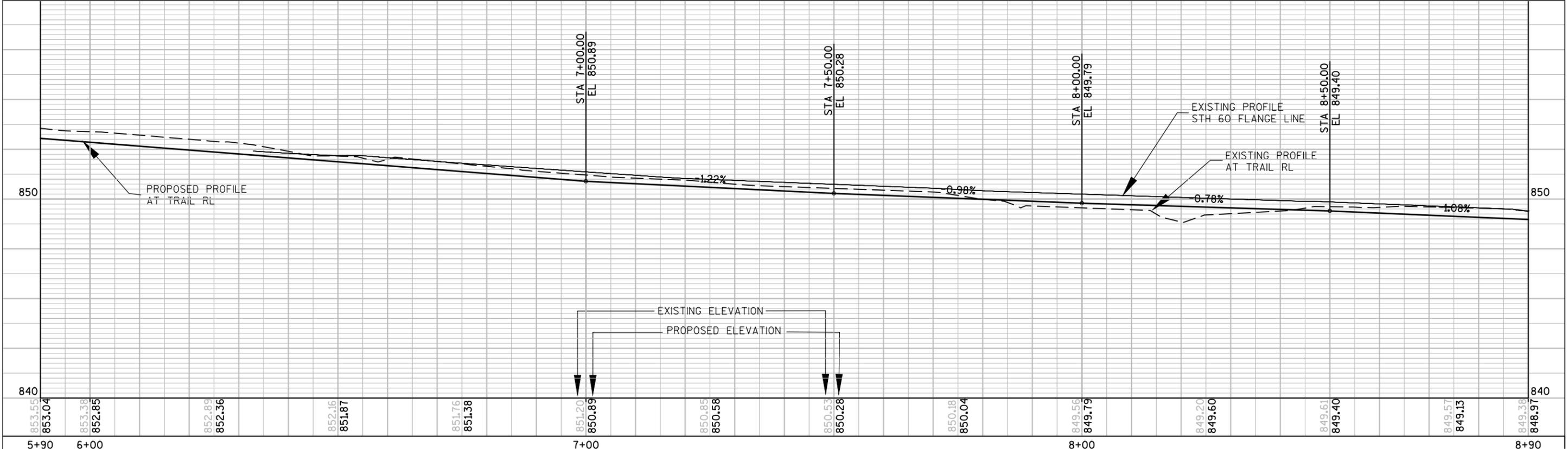
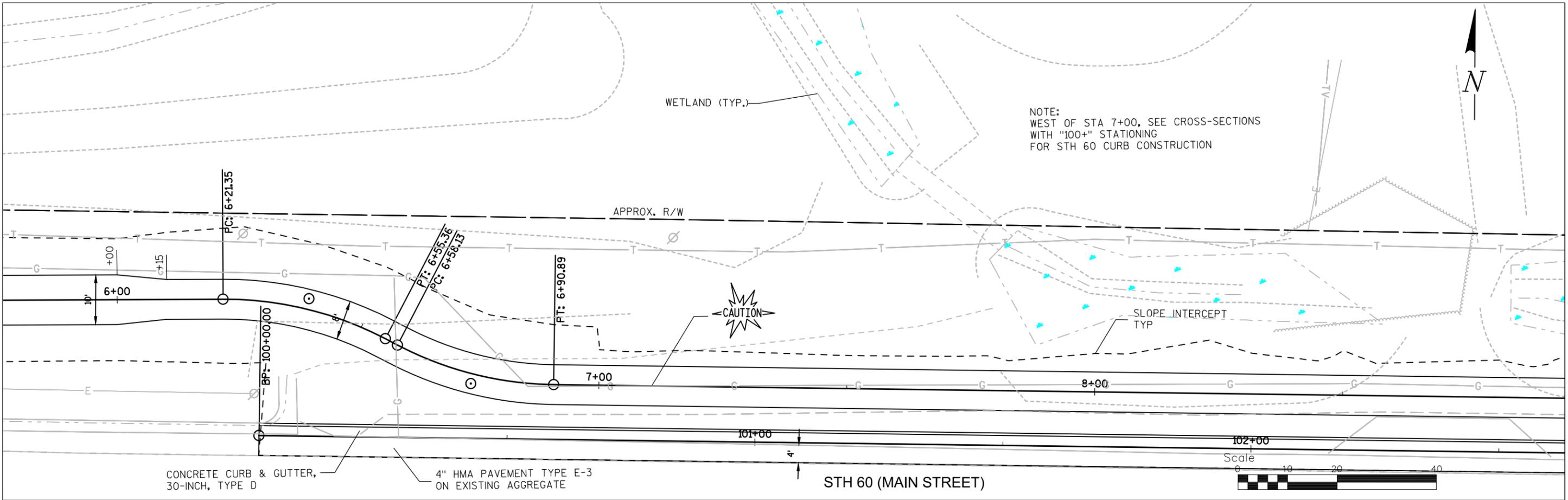
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**STONEWALL CONNECTION TRAIL
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Designer JAA	Technician TAL	Approval JLH	Sheet Number

PLOT BY : ----
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RIDGEWAY RD TO EAGLE DR
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PLAN & PROFILE			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

PLOT SCALE : 40:1

SHEET SET : 5.00

PLOT BY : -----

FILE NAME : F:\BIMI-3372-Jackson STH 60 Trail - Village of Jackson\C3d4d#Sheets\Plans\050104-pp.dwg

PAVEMENT/PARKING LOT



APPROX. R/W

SLOPE INTERCEPT
TYP

WETLAND (TYP.)

AT EXISTING LANE TAPER POINT,
BEGIN TAPER TO 2' SHOULDER
AT EXISTING CURB, STA 105+37

PI: 105+37.72PI: 11+69.11

9+00

10+00

11+00

103+00

104+00

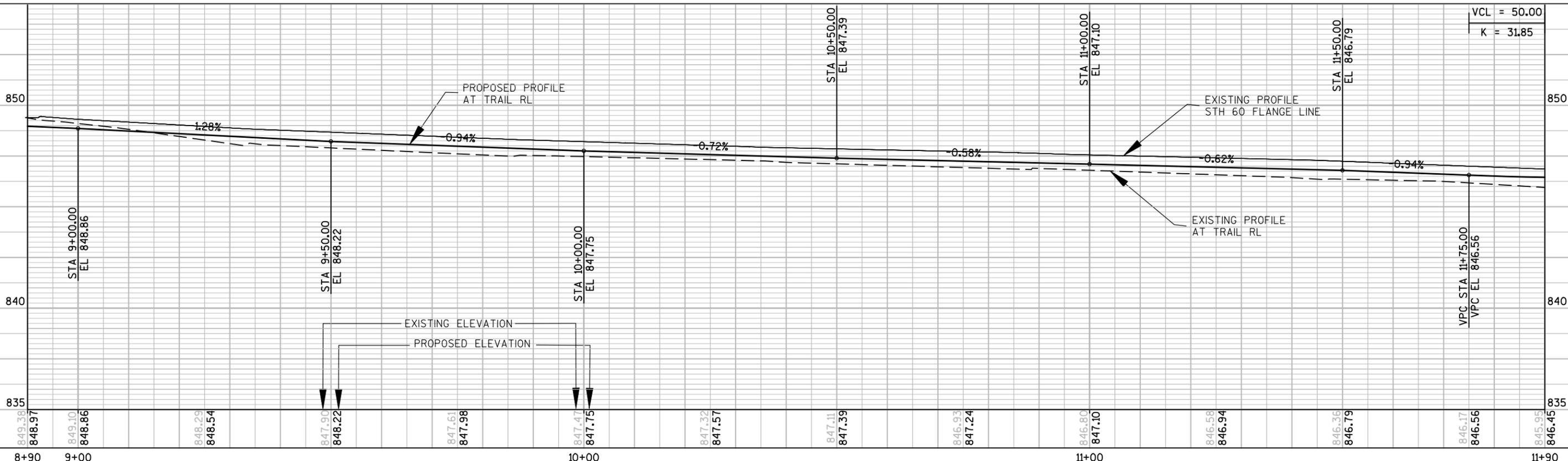
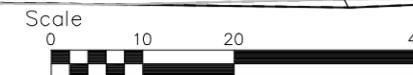
105+00



CONCRETE CURB & GUTTER,
30-INCH, TYPE D

4" HMA PAVEMENT TYPE E-3
ON EXISTING AGGREGATE

STH 60 (MAIN STREET)



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**

PLAN & PROFILE			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

FILE NAME : F:\B\MI-3372-Jackson STH 60 Trail - Village of Jackson\C3d4dSheets\Plan=050005-pp.dwg

PLOT BY : -----

PLOT SCALE : 40:1

SHEET SET : 5.00

NOTE:
EAST OF AT STA 12+00, SEE CROSS-SECTIONS
WITH "100+" STATIONING
FOR STH 60 CURB CONSTRUCTION

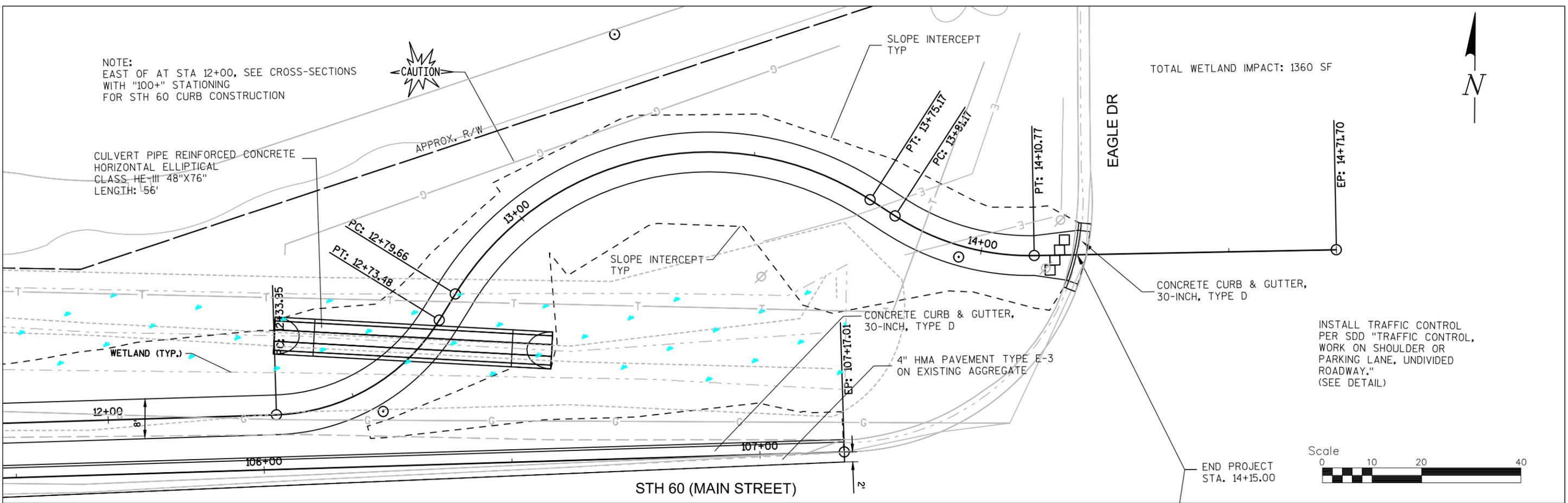
CULVERT PIPE REINFORCED CONCRETE
HORIZONTAL ELLIPTICAL
CLASS HE-III 48"X76"
LENGTH: 56'



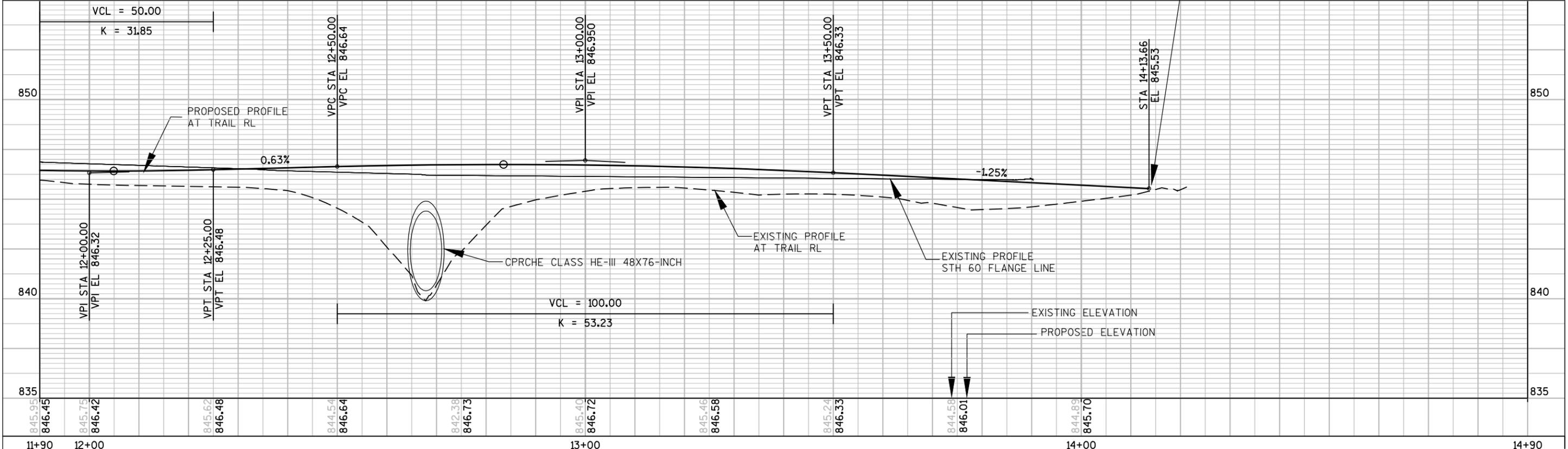
APPROX. R/W

SLOPE INTERCEPT
TYP

TOTAL WETLAND IMPACT: 1360 SF



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

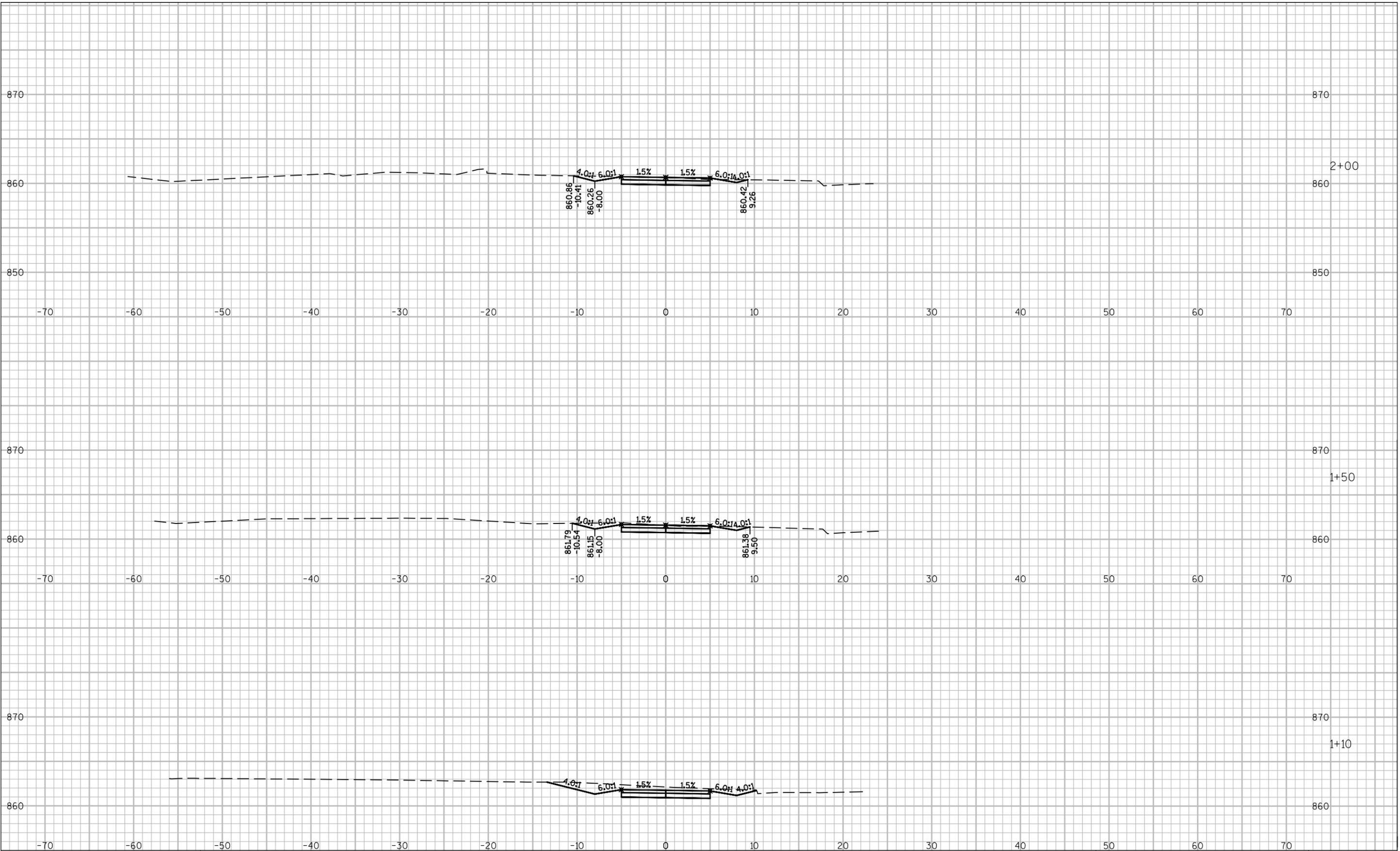


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PLAN & PROFILE			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

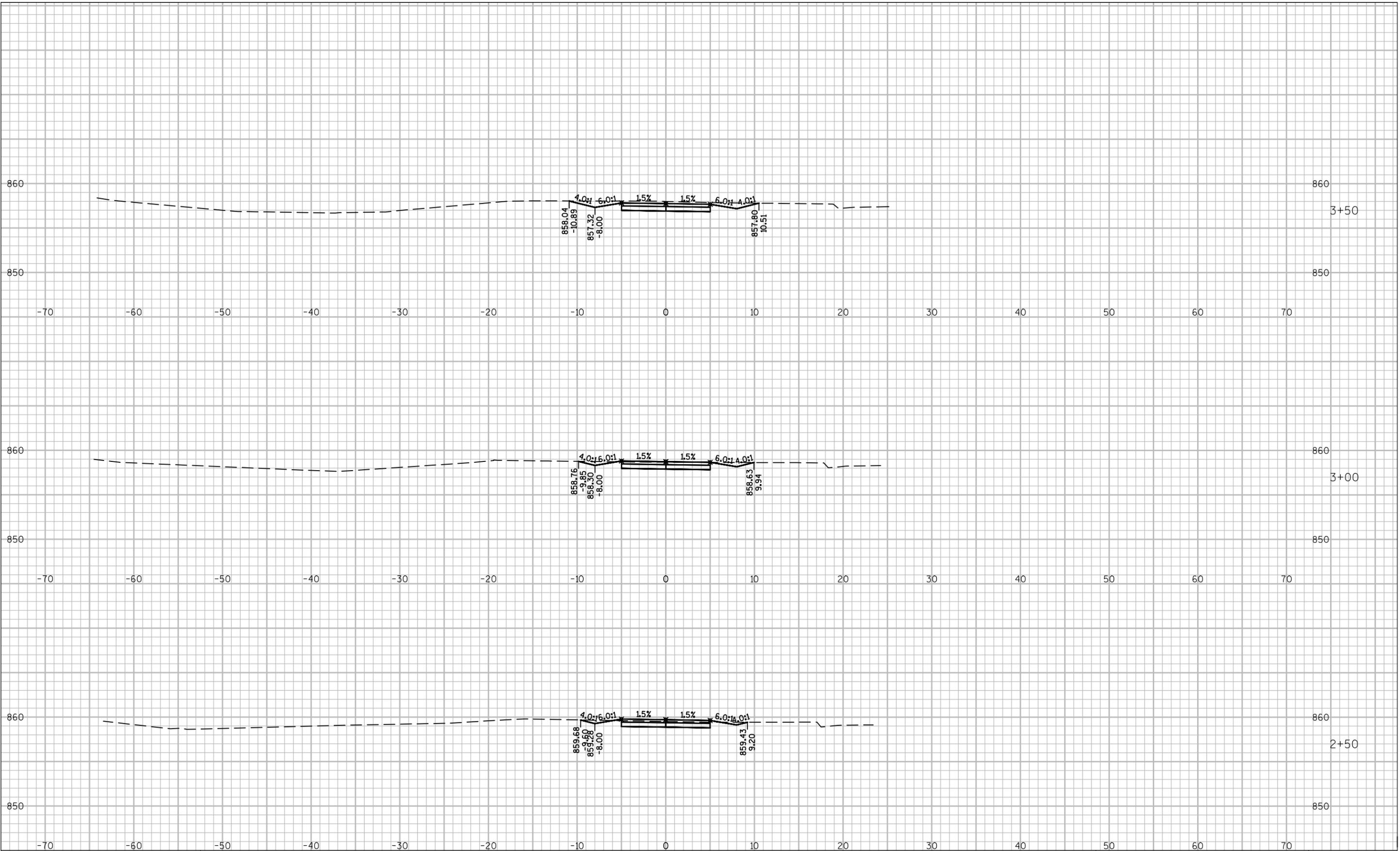
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 PLOT DATE : 10/20/14
 PLOT BY : NATHAN KEMPKRE
 SHEET SET : 5.00
 PLOT SCALE : 10:1



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

CROSS SECTIONS			Date
Designer	Technician	Approval	9/3/15
JAA	TAL	JLH	Sheet Number

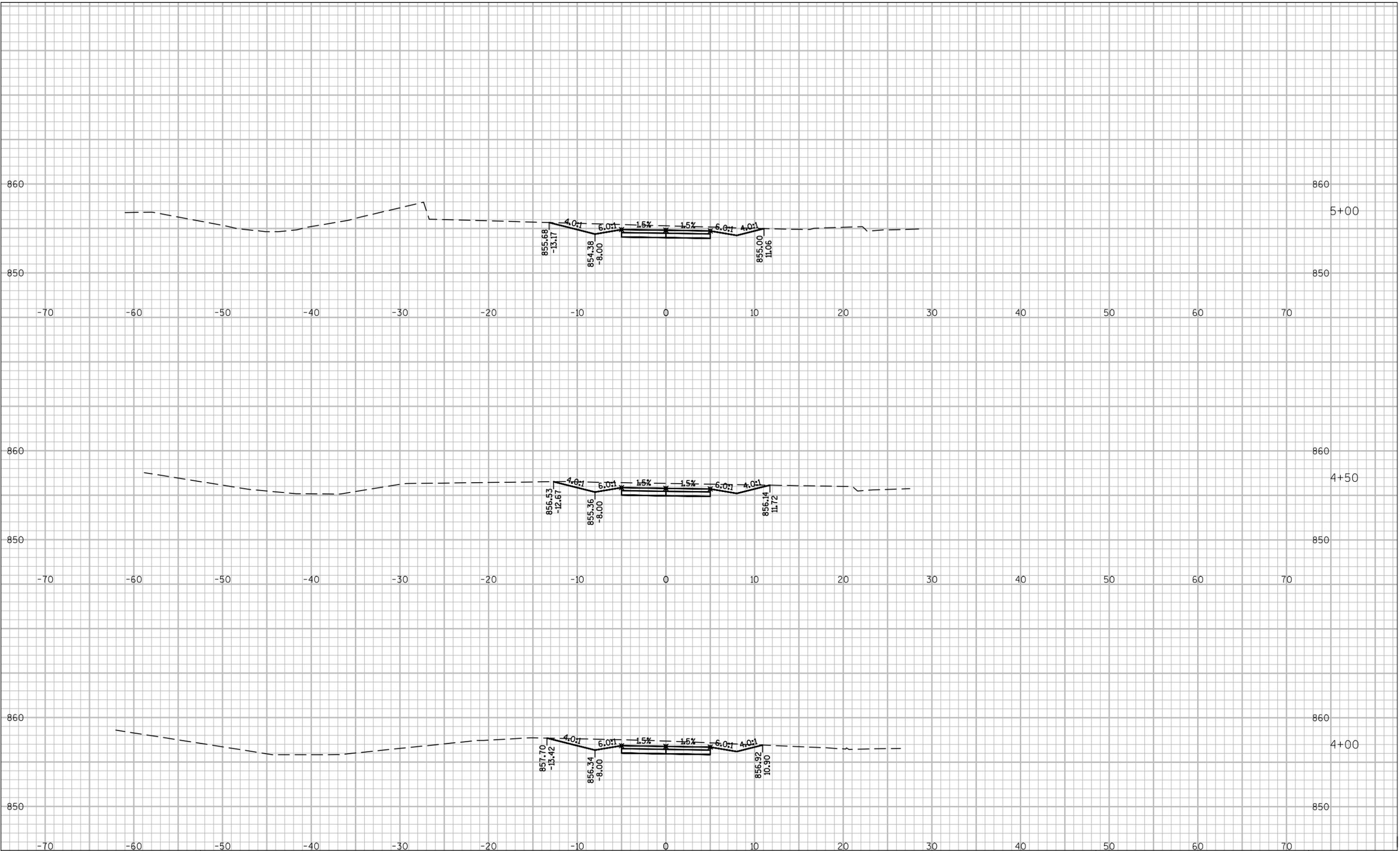
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 PLOT DATE : 10/20/14
 PLOT BY : NATHAN KEMPKRE
 SHEET SET : 5.00
 PLOT SCALE : 10:1



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

CROSS SECTIONS			Date
Designer	Technician	Approval	9/3/15
JAA	TAL	JLH	Sheet Number

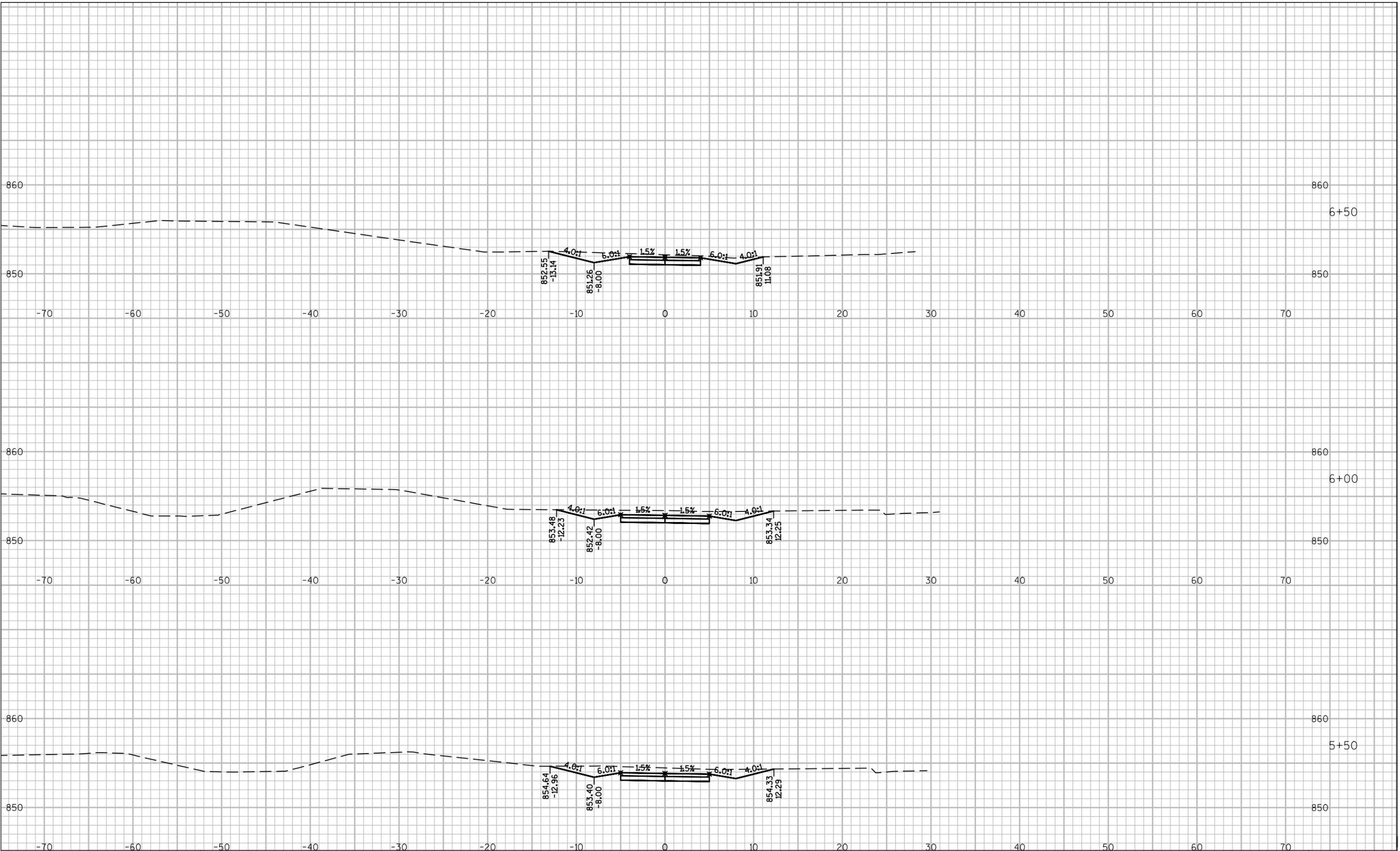
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 PLOT DATE : 10/20/14
 PLOT BY : NATHAN KEMPKRE
 SHEET SET : 5.00
 PLOT SCALE : 10:1



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

CROSS SECTIONS			Date
Designer	Technician	Approval	9/3/15
JAA	TAL	JLH	Sheet Number

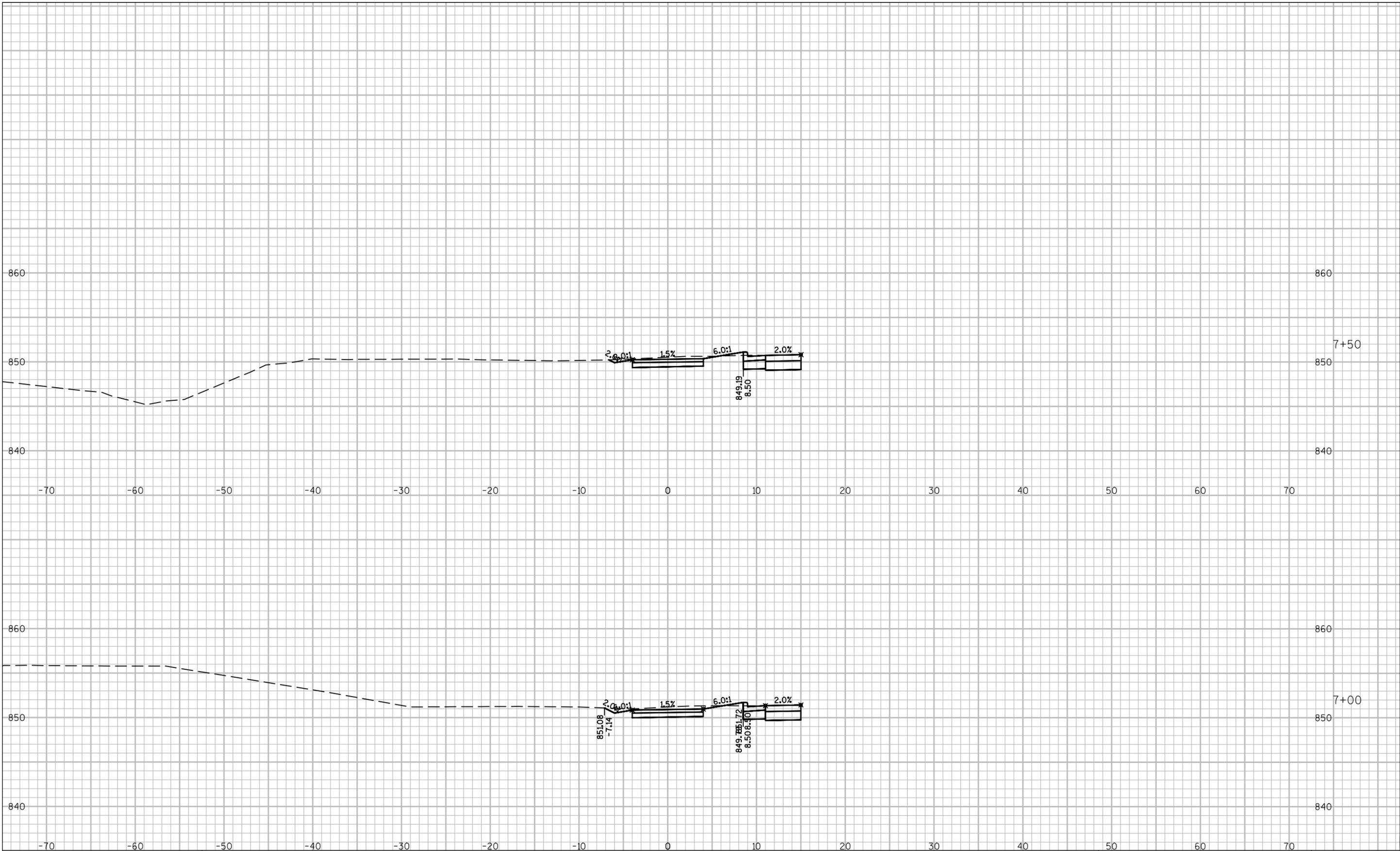
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 PLOT DATE : 10/20/14
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**STONEWALL CONNECTION TRAIL
 RIDGEWAY RD TO EAGLE DR
 VILLAGE OF JACKSON**

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

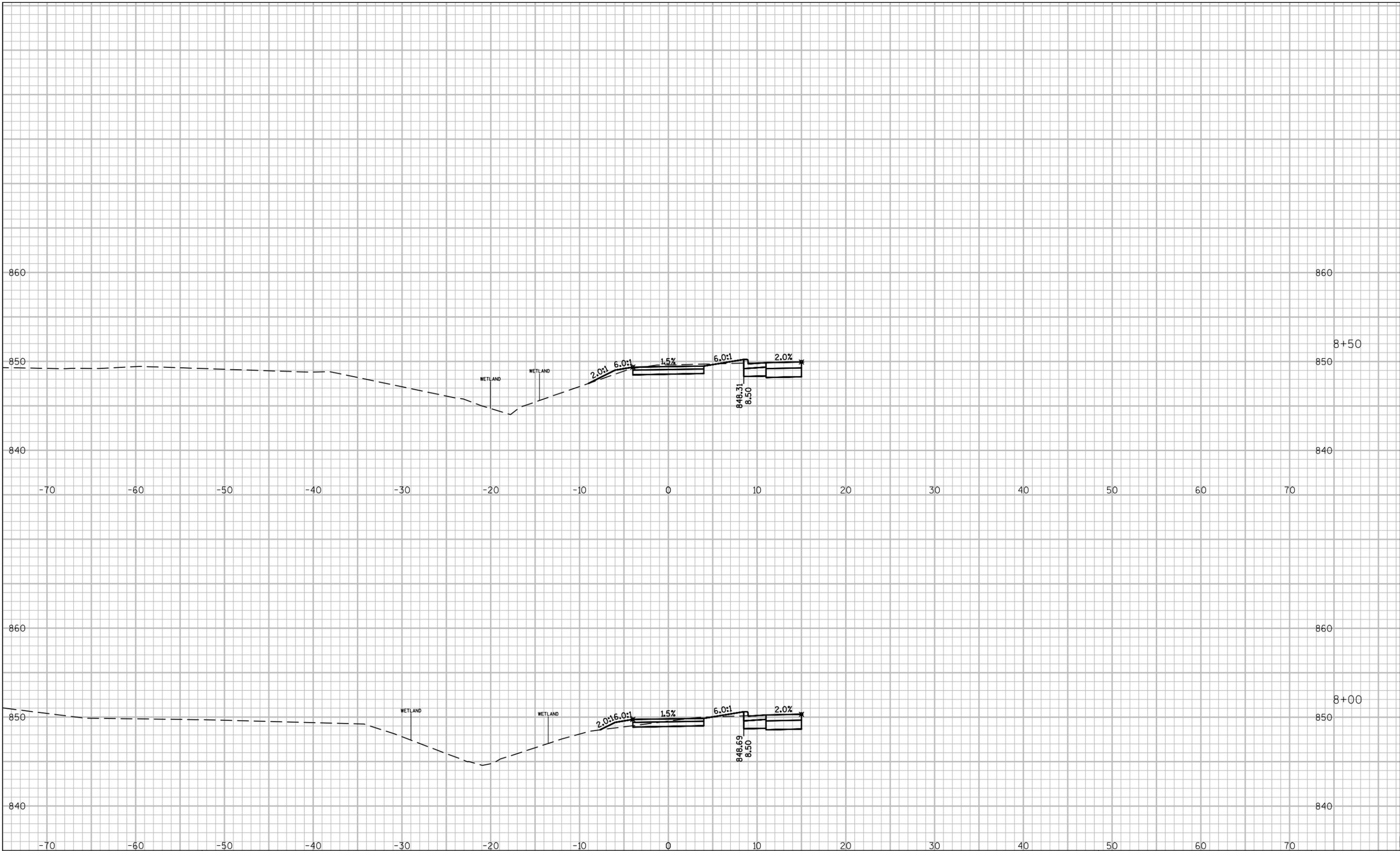
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 VILLAGE OF JACKSON**

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

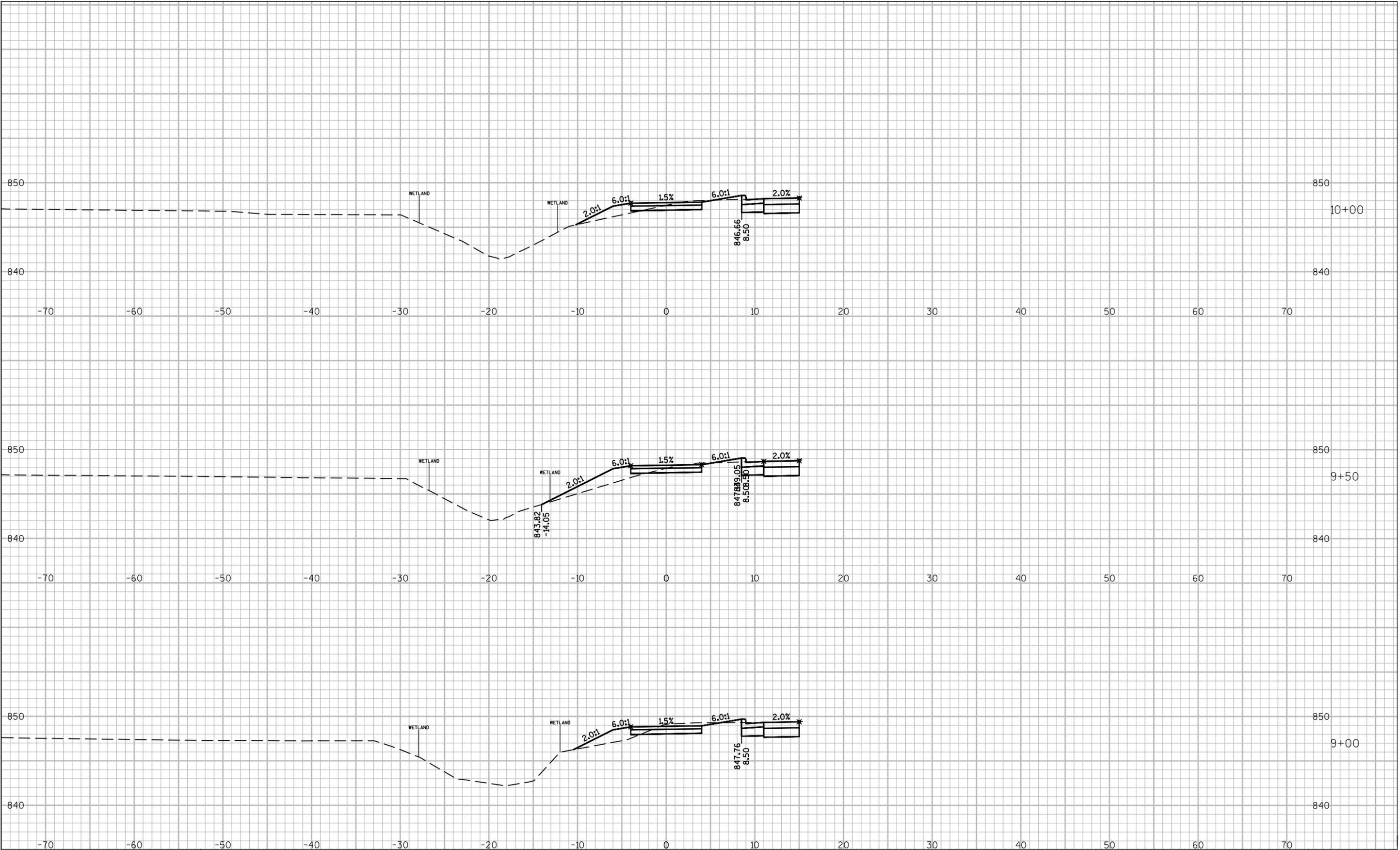
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 SHEET SET : 5.00
 PLOT SCALE : 10:1



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

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

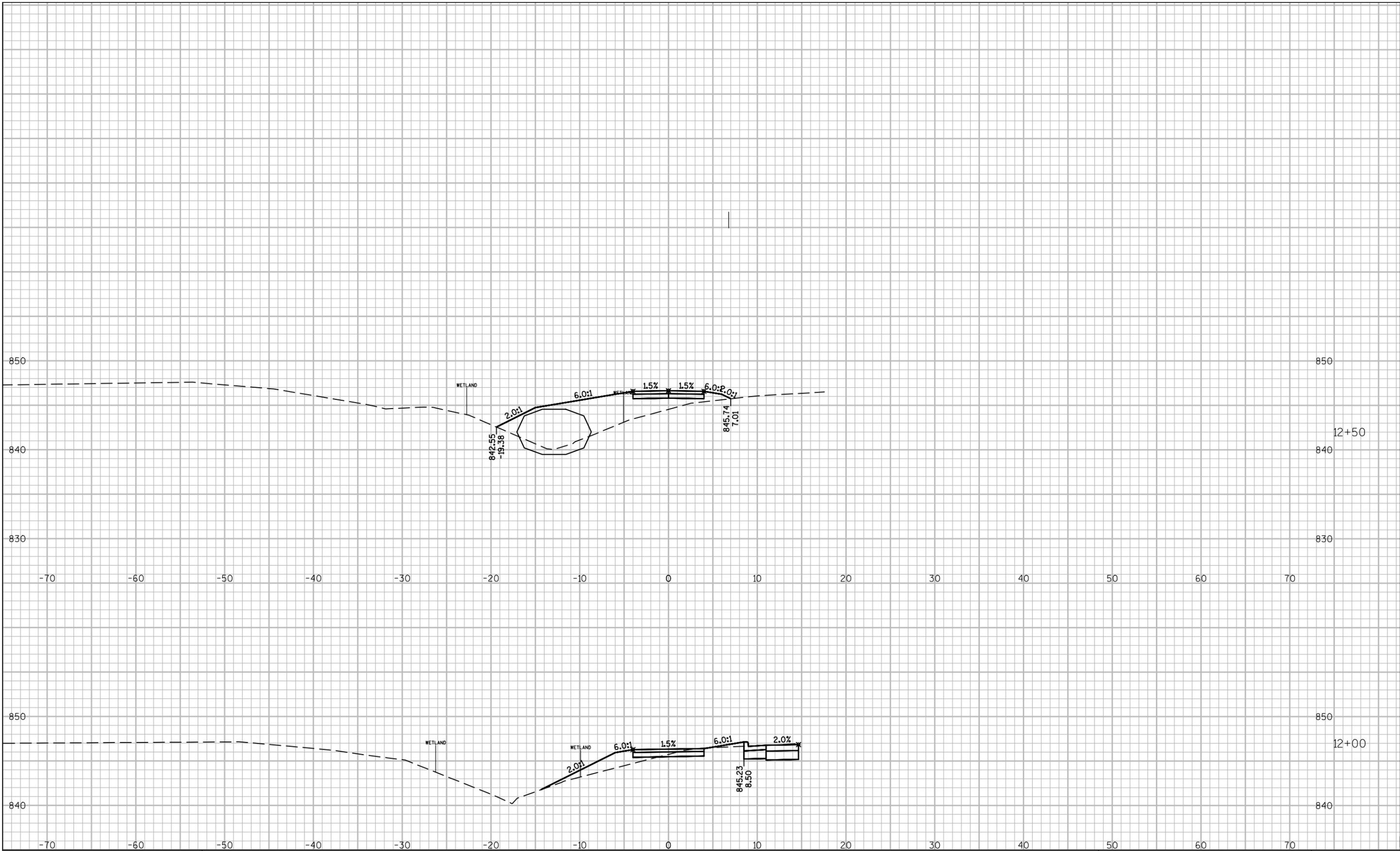
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 VILLAGE OF JACKSON**

CROSS SECTIONS			Date
Designer	Technician	Approval	9/3/15
JAA	TAL	JLH	Sheet Number

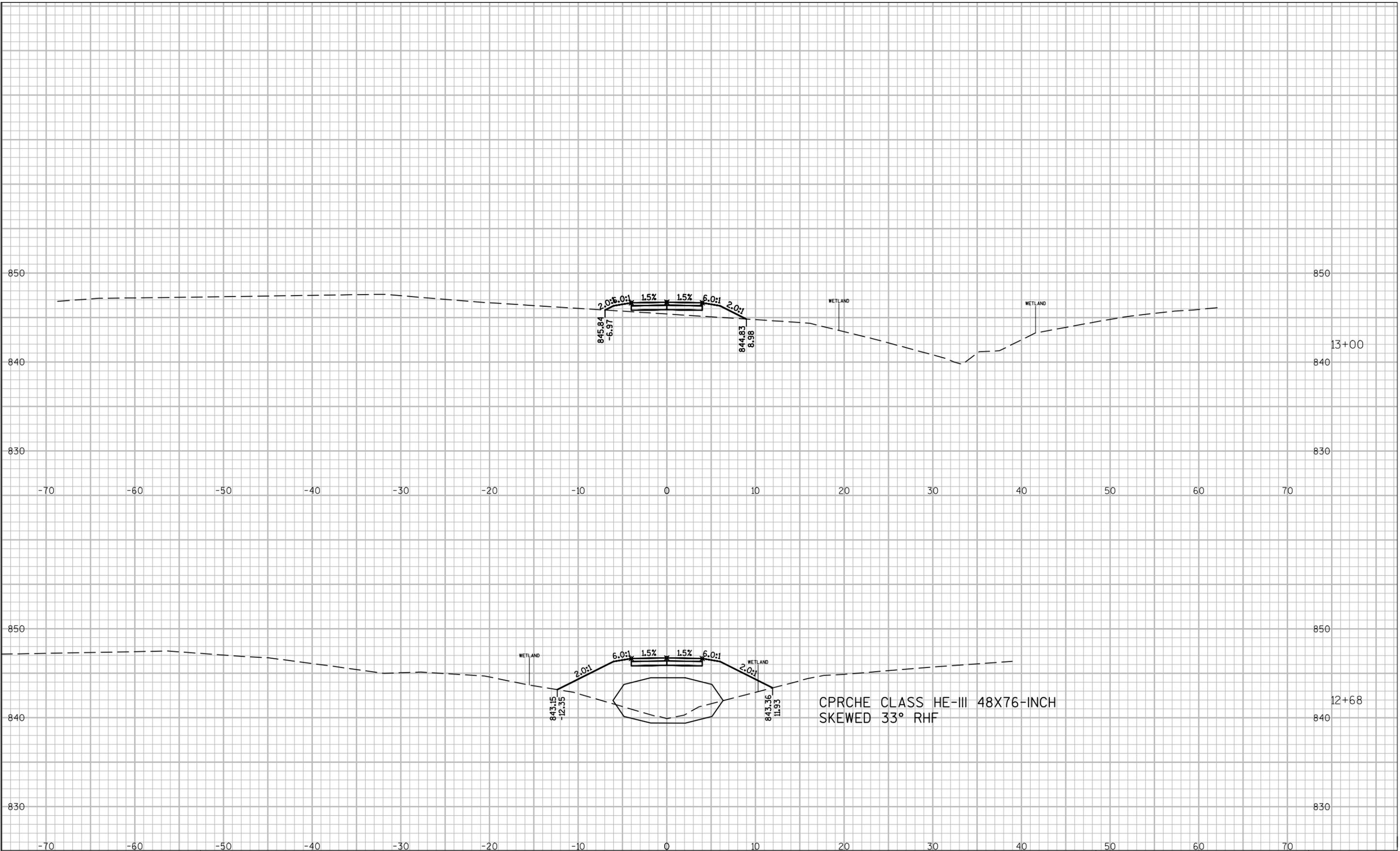
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**STONEWALL CONNECTION TRAIL
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CROSS SECTIONS			Date
Designer	Technician	Approval	9/3/15
JAA	TAL	JLH	Sheet Number

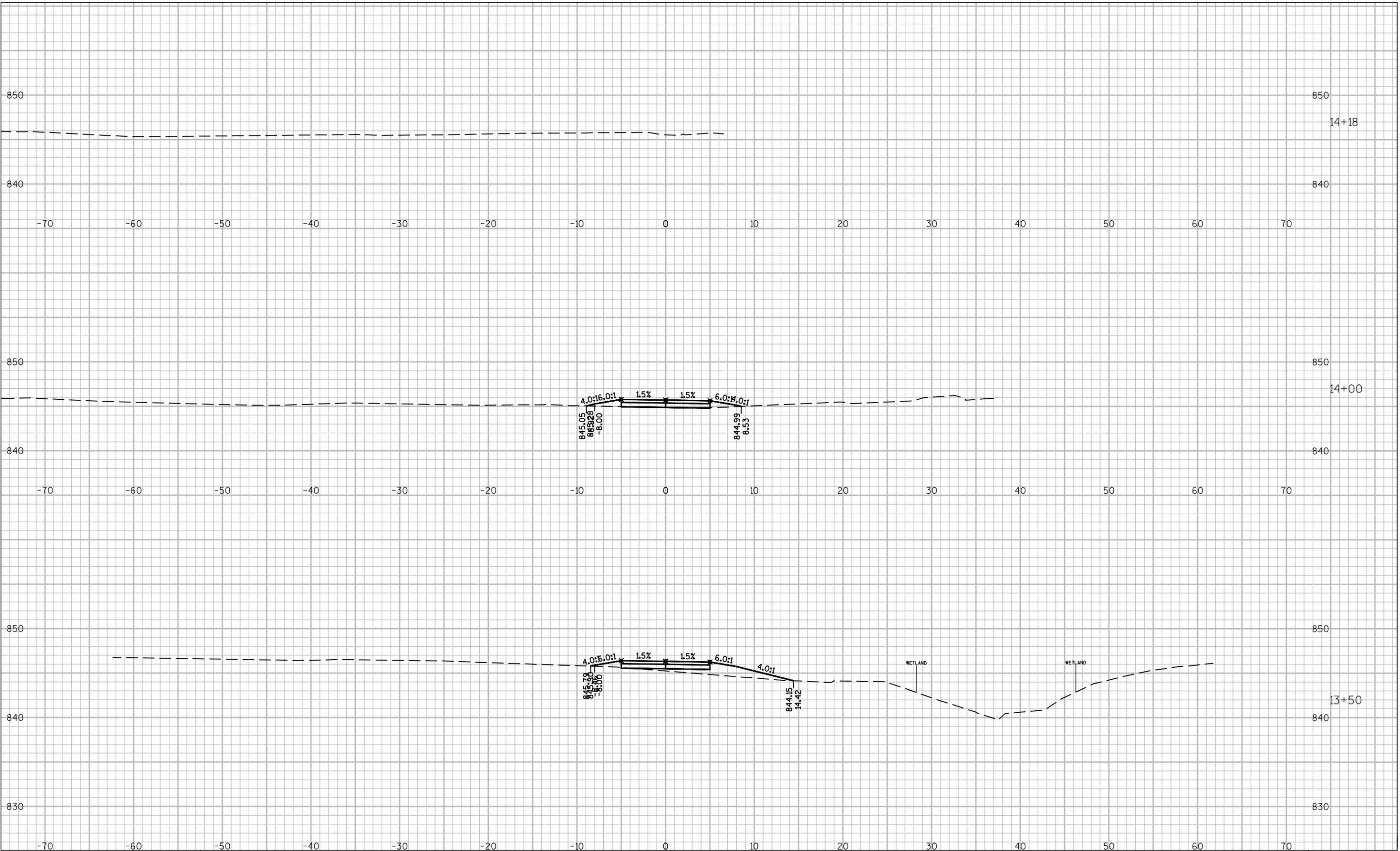
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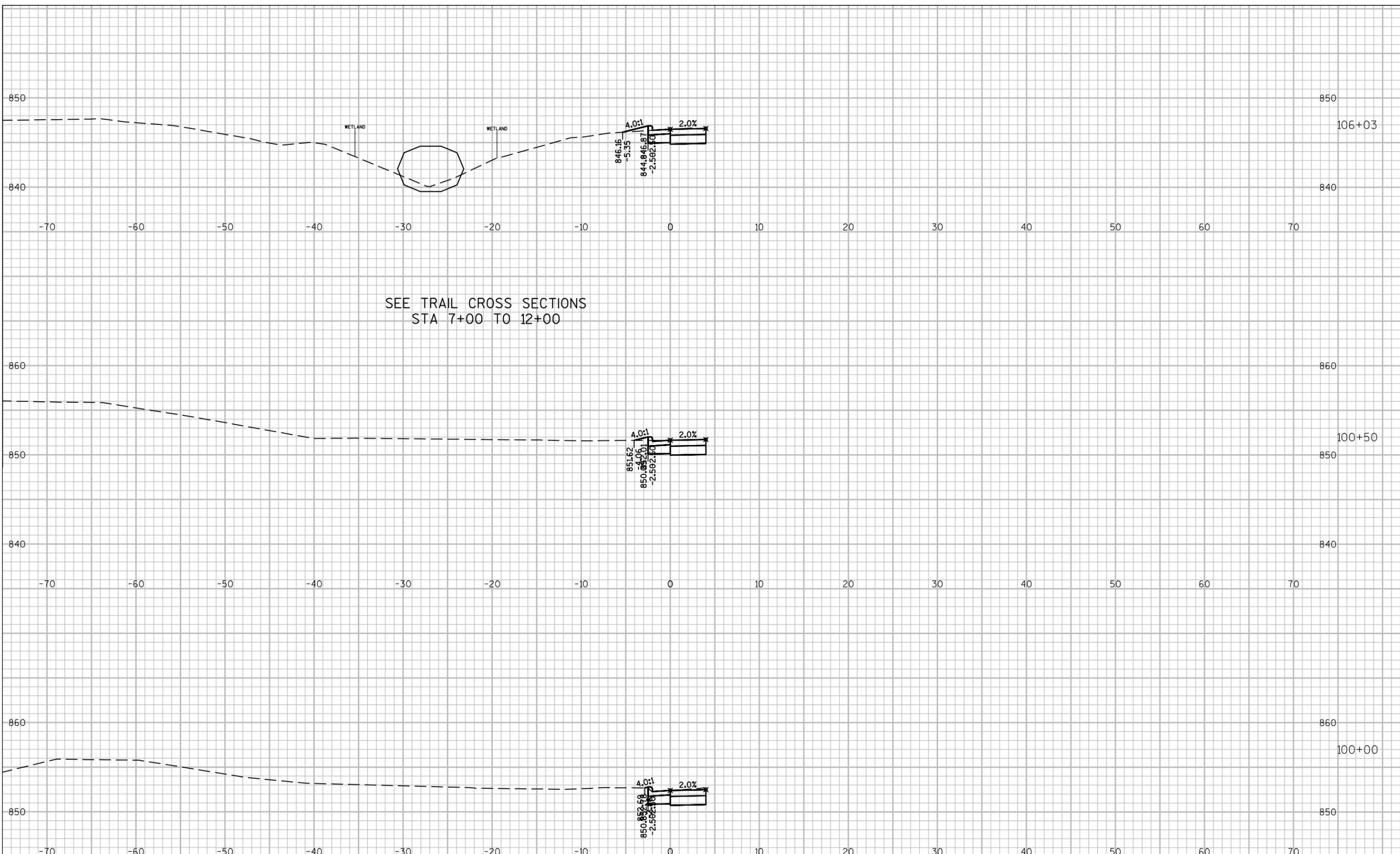
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 VILLAGE OF JACKSON**

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

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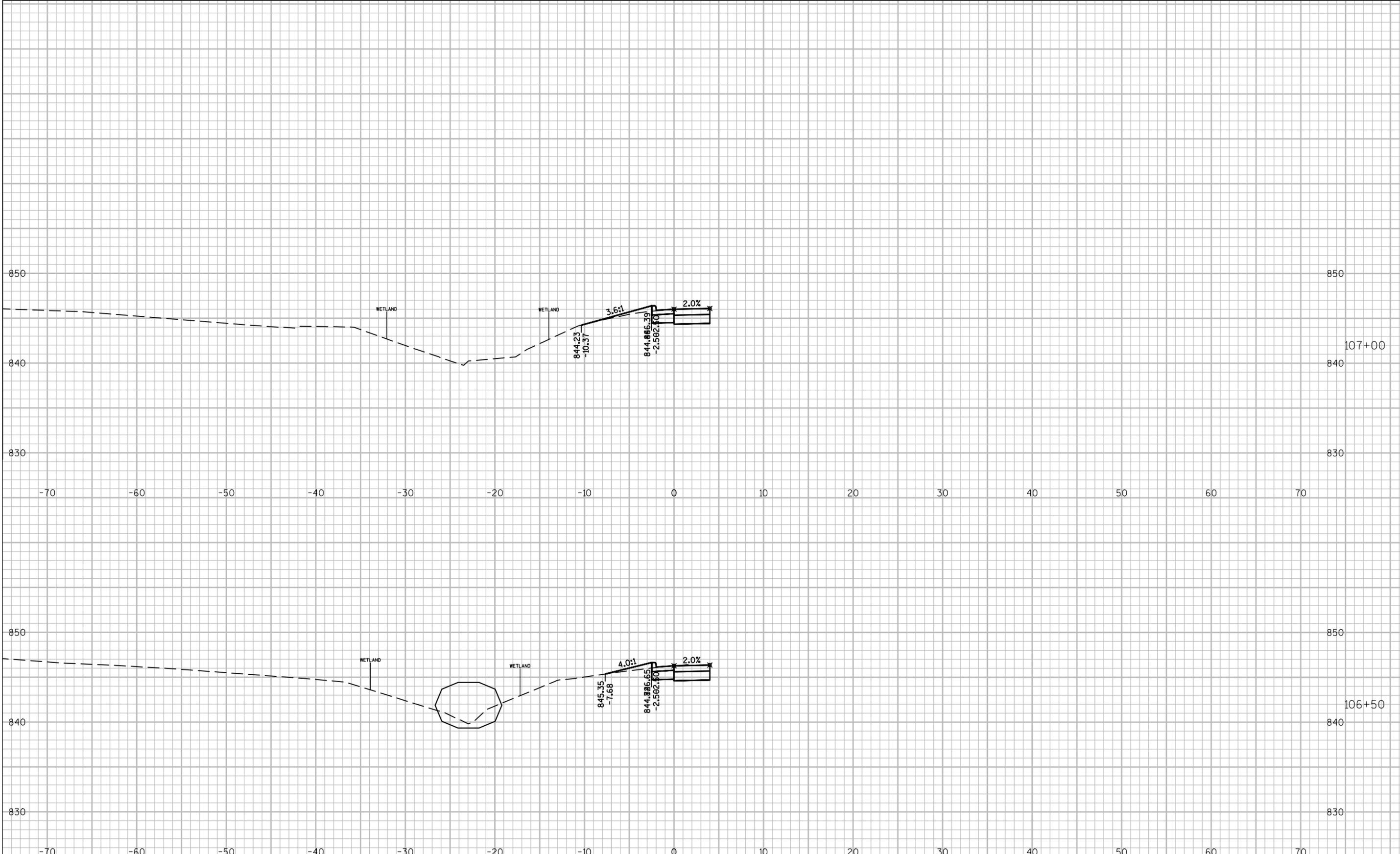


BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
 10501 W. Research Drive • Milwaukee, WI 53226
 Phone: (414) 771-3390 Fax: (414) 771-4490

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

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

FILE NAME : F:\BIM\3372-Jackson STH 60 Trail - Village of Jackson\C34d#Sheets\Plans\090201-x6.dwg
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**STONEWALL CONNECTION TRAIL
 RIDGEWAY RD TO EAGLE DR
 VILLAGE OF JACKSON**

CROSS SECTIONS			Date 9/3/15
Designer JAA	Technician TAL	Approval JLH	Sheet Number

Brian Kober

From: Eric Stobb [E.Stobb@gremmerassociates.com]
Sent: Tuesday, October 20, 2015 11:01 AM
To: Brian Kober
Cc: Jeff Chvosta; dale@burbscurbs.com
Subject: Jackson Drive sidewalk, Estimate #1
Attachments: Estimate_1.pdf

Brian,

Attached you will find pay estimate #1 for the Jackson Drive sidewalk project in the Village of Jackson. The total amount due to the contractor has been reduced by five percent (5%) for retainage.

Work completed, Estimate #1	= \$54,494.05
Retainage, Estimate #1 (5%)	= \$2,724.70
Amount due to Contractor, Estimate #1	= 51,769.35

If you have any questions or comments, please contact me at (920) 924-5720.

Sincerely,

Eric Stobb
Gremmer & Associates, Inc.
93 South Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720
(920) 924-5725 (fax)
e.stobb@gremmerassociates.com

Village of Jackson - Jackson Drive Sidewalk
DC Burbach - Prime Contractor

Item No.	Description	Units	TOTAL	Unit Price	Bid Total	Estimate #1		Estimate #2		Estimate #3		Estimate #4		Estimate #5		Cumulative Totals	
						Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total
1	Clearing and Grubbing	LS	1	\$1,500.00	\$1,500.00	0.5	\$750.00		\$0.00		\$0.00		\$0.00		\$0.00	0.5	\$750.00
2	Removing Curb & Gutter	LF	70	\$7.20	\$504.00	106.0	\$763.20		\$0.00		\$0.00		\$0.00		\$0.00	106.0	\$763.20
3	Removing Concrete	SY	110	\$7.20	\$792.00	189.0	\$1,360.80		\$0.00		\$0.00		\$0.00		\$0.00	189.0	\$1,360.80
4	Excavation Common **P**	CY	271	\$29.85	\$8,089.35	271.0	\$8,089.35		\$0.00		\$0.00		\$0.00		\$0.00	271.0	\$8,089.35
5	Base Aggregate Dense 3/4-Inch	TON	500	\$17.65	\$8,825.00	280.1	\$4,943.77		\$0.00		\$0.00		\$0.00		\$0.00	280.1	\$4,943.77
6	Concrete Driveway 6-Inch	SY	290	\$42.25	\$12,252.50	53.5	\$2,260.38		\$0.00		\$0.00		\$0.00		\$0.00	53.5	\$2,260.38
7	Asphaltic Surface Driveways and Field Entrances	TON	15	\$275.00	\$4,125.00	0.0	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0.0	\$0.00
8	Concrete Curb & Gutter, 24-Inch Type D	LF	70	\$32.10	\$2,247.00	76.0	\$2,439.60		\$0.00		\$0.00		\$0.00		\$0.00	76.0	\$2,439.60
9	Concrete Sidewalk 4-Inch	SF	9400	\$3.35	\$31,490.00	8124.6	\$27,217.41		\$0.00		\$0.00		\$0.00		\$0.00	8,124.6	\$27,217.41
10	Concrete Sidewalk 6-Inch	SF	380	\$4.30	\$1,634.00	121.0	\$520.30		\$0.00		\$0.00		\$0.00		\$0.00	121.0	\$520.30
11	Curb Ramp Detectable Warning Field Yellow	SF	24	\$50.00	\$1,200.00	0.0	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0.0	\$0.00
12	Topsoil, Seed Mix 40, Fertilizer Type B and Erosion Mat Urban Class I Type A	SY	2400	\$6.40	\$15,360.00	0.0	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0.0	\$0.00
13	Inlet Protection Type C	EACH	10	\$75.00	\$750.00	9.0	\$675.00		\$0.00		\$0.00		\$0.00		\$0.00	9.0	\$675.00
14	Traffic Control	LS	1	\$4,150.00	\$4,150.00	0.5	\$2,075.00		\$0.00		\$0.00		\$0.00		\$0.00	0.5	\$2,075.00
15	Sawing Asphalt	LF	135	\$2.50	\$337.50	140.5	\$351.25		\$0.00		\$0.00		\$0.00		\$0.00	140.5	\$351.25
16	Sawing Concrete	LF	56	\$4.00	\$224.00	12.0	\$48.00		\$0.00		\$0.00		\$0.00		\$0.00	12.0	\$48.00
17	Sawing Curb Head	LF	20	\$30.00	\$600.00	10.0	\$300.00		\$0.00		\$0.00		\$0.00		\$0.00	10.0	\$300.00
18	Adjusting Sanitary Sewer Manhole	EACH	1	\$1,200.00	\$1,200.00	1.0	\$1,200.00		\$0.00		\$0.00		\$0.00		\$0.00	1.0	\$1,200.00
	Extra: Remove Loading Dock at Ray's Automotive as Authorized	LS	1	\$1,500.00	\$1,500.00	1.0	\$1,500.00		\$0.00		\$0.00		\$0.00		\$0.00	1.0	\$1,500.00
SUBTOTAL					\$96,780.35		\$54,494.05		\$0.00		\$0.00		\$0.00		\$0.00		\$54,494.05



Work completed, previous estimates	\$ -
Work completed, this estimate	\$ 54,494.05
Total work completed	\$ 54,494.05
Retainage, this estimate	\$ 2,724.70
Retainage, total all estimates	\$ 2,724.70
Amount due to contractor, this estimate	\$ 51,769.35

BILL OF SALE

The undersigned, **WEST SHORE PIPELINE COMPANY** (“Grantor”), for good and valuable consideration, the receipt and sufficiency of which Grantor hereby acknowledges, hereby sells, assigns, conveys, transfers and sets over unto **THE VILLAGE OF JACKSON**, a municipal corporation of the State of Wisconsin (“Grantee”), all of Grantor’s right, title and interest in and to the water distribution system extension more particularly described on **Exhibit A** attached hereto and incorporated herein (the “Project”), located in the Town of Jackson, County of Washington, State of Wisconsin.

The Project shall specifically exclude any water laterals conveyed to the landowners listed on **Exhibit B** attached hereto and incorporated herein, which water laterals have been conveyed to such landowners by separate bills of sale.

Except as expressly set forth in Article X of that certain Development Agreement (Village of Jackson – Water Distribution System) dated March 13, 2014 by and between Grantor and Grantee, Grantor makes no representations, warranties or covenants whatsoever with respect to the Project, and Grantee hereby accepts the Project in its “AS IS-WHERE IS” condition. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT GRANTOR DOES NOT MAKE OR GIVE, AND SHALL NOT BE DEEMED TO HAVE MADE OR GIVEN, AND GRANTOR EXPRESSLY DISCLAIMS, ANY WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, AS TO THE CONDITION, MERCHANTABILITY, OR FITNESS FOR USE OR FOR ANY PURPOSE OF ALL OR ANY PART OF THE PROJECT.

Date: _____, 2015

GRANTOR:

WEST SHORE PIPELINE COMPANY

By: _____

Name: _____

Title: _____

EXHIBIT A

Description of the Project

See attached

EXHIBIT B

List of Landowners

See attached

QUIT CLAIM BILL OF SALE

The undersigned, **WEST SHORE PIPELINE COMPANY** (“Grantor”), for good and valuable consideration, the receipt and sufficiency of which Grantor hereby acknowledges, hereby sells, assigns, conveys, transfers and sets over unto [**LANDOWNER**] (“Grantee”), all of Grantor’s right, title and interest, if any, in and to the water laterals and related improvements constructed by Grantor (collectively, the “**Water Facilities**”) located in or upon the following described real property situated in the Town of Jackson, County of Washington, State of Wisconsin:

See **EXHIBIT A** attached hereto and incorporated herein by this reference.

Grantor makes no representations, warranties or covenants whatsoever with respect to the Water Facilities, and Grantee hereby accepts the Water Facilities in their “AS IS-WHERE IS” condition. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT GRANTOR DOES NOT MAKE OR GIVE, AND SHALL NOT BE DEEMED TO HAVE MADE OR GIVEN, AND GRANTOR EXPRESSLY DISCLAIMS, ANY WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, AS TO THE CONDITION, MERCHANTABILITY, OR FITNESS FOR USE OR FOR ANY PURPOSE OF ALL OR ANY PART OF THE WATER FACILITIES.

Date: _____, 2015

GRANTOR:

WEST SHORE PIPELINE COMPANY

By: _____

Name: _____

Title: _____

EXHIBIT A

Address and/or Tax Parcel Identification Number

[See attached.]

PTS CONTRACTORS INC.

4075 EATON ROAD

GREEN BAY, WI 54311-9340

OFFICE (920) 468-5217

FAX (920) 468-4087

Oct. 1, 2015

Brian Kober
Village of Jackson
N168 W20733 Main Street
Jackson, Wisconsin 53037

Subject:
Village of Jackson Water Distribution System Extension
Certificate of Final Acceptance of Completed Work and Punch List Items

Dear Mr. Kober:

In our opinion, all of the Work and Punch List items under the above-referenced Contract have been completed and are ready for final acceptance by the Village of Jackson, Wisconsin (Village). If the Village has completed their final inspection and agrees that all the Work and Punch List items have been completed and are accepted, please sign below for the Village's final acceptance of this project and send this letter of certification for final acceptance to the attention of Mr. Dan Ownby of the West Shore Pipeline Company and those listed at the addresses noted below. It is our understanding that counsel for West Shore will be preparing and forwarding under separate cover the transfer documentation contemplated in the Development Agreement between West Shore and the Village.

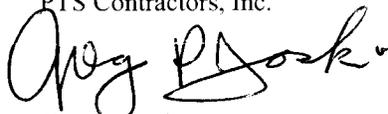
Should you have questions or comments, please contact the undersigned, at PTS Contractors, Inc., 920-468-5217 or email GJoski@PTSCContractors.net

Sincerely,

Certification of Final Acceptance,

PTS Contractors, Inc.

Village of Jackson, Wisconsin



Greg P. Joski
President

Village's Authorized Representative

Copies:
Dan Ownby, West Shore Pipeline Company
One Greenway Plaza Suite 600, Houston, TX 77046

John M. Walther, Village Administrator, Village of Jackson
N168 W20733 Main St. P.O. Box 637, Jackson, WI 53037

John A. St. Peter, Edgerton, St. Peter, Petak & Rosenfeldt
10 Forest Ave. P. O Box 1276, Fond du Lac, WI 54936-1276

**ASSIGNMENT AND ASSUMPTION OF
EASEMENTS**

Document Number

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Recording Area

Name and Return Address

Matthew K. Impola
Foley & Lardner LLP
777 E. Wisconsin Ave.
Milwaukee, WI 53202-5306

Parcel Identification Number (PIN)

[Empty box for recording area details]

ASSIGNMENT AND ASSUMPTION OF EASEMENTS

THIS ASSIGNMENT AND ASSUMPTION OF EASEMENTS (this “Assignment”) is made and effective as of _____, 2015, by and between WEST SHORE PIPE LINE COMPANY, a foreign corporation registered to transact business in the State of Wisconsin (“Assignor”), and THE VILLAGE OF JACKSON, a municipal corporation of the State of Wisconsin (“Assignee”).

WITNESSETH:

WHEREAS, Assignor and Assignee are parties to a Development Agreement (Village of Jackson – Water Distribution System Extension) dated as of March 13, 2014 (the “Development Agreement”); and

WHEREAS, pursuant to the Development Agreement, among other matters, Assignor agreed to assign to Assignee all easements, leases, licenses, permits, access agreements or other authorizations or occupancy agreements, if any (collectively, the “Easements”) reasonably necessary for the construction, use, operation and maintenance of the Project (as defined in the Development Agreement).

NOW, THEREFORE, for and in consideration of the mutual covenants, terms, and provisions of the Purchase Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, IT IS AGREED:

Section 1. ASSIGNMENT.

Section 1.1. Assignment. Assignor does hereby sell, transfer, set over, quitclaim and assign, unto Assignee, without warranty of any kind, all of Assignor’s right, title, and interest, if any, in, to, and under the Easements.

Section 1.2. Assumption. Assignee accepts the foregoing assignment and hereby assumes, and hereby covenants and agrees to fully and faithfully perform and discharge, each and every covenant, duty, obligation, liability, and term on the part of the grantee, licensee, or other recipient of rights under the Easements, arising or accruing on or after the date hereof.

Section 2. MISCELLANEOUS.

Section 2.1. Development Agreement. This Assignment is intended to give effect to certain of the transactions contemplated by the Development Agreement. This Assignment is made without representation or warranty except as provided in and by the Development Agreement.

Section 2.2. Successors and Assigns. This Assignment and the rights and liabilities contained herein shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

Section 2.3. Counterparts. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

[Signature pages follow this page.]

IN WITNESS WHEREOF, the parties have executed and delivered this instrument as of the day, month, and year first above written.

Assignor:

WEST SHORE PIPE LINE COMPANY

By: _____

Name: _____

Its: _____

STATE OF _____)

) ss.

COUNTY OF _____)

This instrument was acknowledged before me on _____, 2015, by _____, as _____ of WEST SHORE PIPE LINE COMPANY.

[Notarial Seal]

Name printed: _____

Notary Public, State of _____

My commission expires: _____

Assignee:

THE VILLAGE OF JACKSON

By: _____

Name: _____

Its: _____

STATE OF WISCONSIN)

) ss.

COUNTY OF JACKSON)

This instrument was acknowledged before me on _____, 2015, by
_____, as _____ of THE VILLAGE OF
JACKSON.

[Notarial Seal]

Name printed: _____

Notary Public, State of _____

My commission expires: _____

This instrument drafted by

Matthew K. Impola
Foley & Lardner LLP
777 East Wisconsin Ave.
Milwaukee, Wisconsin 53202

LISTING OF PUNCH LIST ITEMS



gai consultants

PROJECT ID: Georgetown Drive Reconstruction
PROJECT NO.: W141579.00
CONTRACTOR: Advance Construction
CLIENT: Village of Jackson

REVISED: 10/22/2015

Item No.	Item ID:	ITEM LOCATION (Sta./Structure No. /Address, etc.)	DESCRIPTION OF DEFICIENCY / WORK TO COMPLETE	ITEM NOTED		ITEM COMPLETE	
				DATE	BY	DATE	INSPECTED / VERIFIED BY
1	Tracer Wire Continuity Test	Storm/Water/ Force Main	Sta 11+50+/- - 13+50+/- No continuity/ GAI will provide asbuilt info	10/20/15	Mike F./GAI		
2	STRM MH #8	18+16	Infiltration in the MH around the 36" Pipe/Fix the leak & check all MH's for infiltration after rain storm	10/20/15	Mike F./GAI		
3	San. MH's	#1,#2,#3	Install the internal seals with extensions if needed/all	10/20/15	Mike F./GAI		
4	Stock Pile	Sta 18+60 Georgetown Drv.	Remove stock pile from roadway & sweep	10/20/15	Mike F./GAI		
5	5" Walks	15+00 & 15+25	Cracked 5" sidewalk/remove & replace (One square at each location)	10/20/15	Mike F./GAI		
6	Curb Box	15+80 N169 W19940-42	Tracer wire is 10"-12" above ground/Need to wrap the wire around the curb box below the restoration	10/20/15	Mike F./GAI		
7	Lawn Restoration	W169 N19872-76 W169 N20020	Lawn Restoration needs to be done at the driveway approaches/Add 4" of topsoil with seed & matting	10/20/15	Mike F./GAI		
8	Driveway	W169 N19872-76 W169 N20020	Temporary gravel drive on existing shared opening/ Remove the gravel & sweep the existing driveways & restore the lawn	10/20/15	Mike F./GAI		
9	Storm Inlets	All	Grates are not installed correctly for flow/ Install the grates in correct direction for flow	10/20/15	Mike F./GAI		
10	Dump Site	Village Sewer Plant	Stock piles/ Level off the dump site & call the Village (Brian Kober) when this work is scheduled to be done for access to site	10/20/15	Mike F./GAI		
11	Traffic Control	Entire Site	Barricades, Cones & Any Garbage needs to be cleaned up prior to 10/31/15	10/20/15	Mike F./GAI		
12	Lawn Restoration	Entire Site	Matting is coming up/ Re-staple all areas that need attention (Bio-degradable staples only)	10/20/15	Mike F./GAI		

NOTE: This list may not be all-inclusive and the failure to include an item within it does not alter the responsibility of the CONTRACTOR and/or DEVELOPER to complete all the Work in accordance with the Contract Documents and/or Development Agreement.



Taking the lead in Washington County.

October 21, 2015

Ms. Karen Nenahlo
Program Manager
Milwaukee Metropolitan Sewerage District
260 West Seeboth Street
Milwaukee, WI 53204

SUBJECT: Milwaukee River Watershed Conservation Partnership
Letter of Support
Village of Jackson

Dear Ms. Karen Nenahlo,

The Village of Jackson is pleased to partner with the Milwaukee Metropolitan Sewerage District on the Milwaukee River Watershed Conservation Partnership. The Village is invested in improving water quality and doing so in a cost effective and responsible way. The Village is particularly interested in working with watershed partners to explore and develop environmental markets in the Milwaukee River Watershed that will enable cost effective options of water quality compliance and management, and responsible use of local tax payer dollars.

The Village of Jackson is dedicated to working with the Milwaukee River Watershed Conservation Partnership partners, including municipalities within the watershed who affiliate with the Mid-Moraine Water Quality Collective. These municipalities together are investing time and resources to improve our understanding of the potential cost of water quality credits for phosphorus (P) and total suspended solids (TSS) compared to competing compliance options, in that municipalities may choose to invest in conservation practices with private producer landowners where water quality trading is feasible and cost effective. The Village is willing to pledge a total of \$24,000 in financial assistance over 2017, 2018, 2019, and 2020. This investment will be used toward NRCS EQIP conservation incentive payments to project participants to support installation of conservation practices upstream of the Village of Jackson's WPDES permit point of compliance. This investment is contingent on the RCPP application approval, and contingent on the DNR's approval of a water quality trading plan and agreement between Village of Jackson and the pollution credit generator. The Village of Jackson will not contribute any funds until the DNR and the Village of Jackson have agreed to the credits for the WPDES permit and the payment for such credits.

The Village of Jackson is committed to increasing the sustainable use of soil, water, wildlife, and natural resources in the Milwaukee River Watershed.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. W. Kober".

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

NI68 W20733
Main Street
Jackson, WI 53037
Phone: 262-677-9001
Fax: 262-677-1710

Mailing Address
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engineering solutions for a working world

W233 N2080 Ridgeview Parkway
Waukesha, WI 53188

September 24, 2014

Victoria Pebbles
The Great Lakes Commission
2805 S. Industrial Hwy. Suite 100
Ann Arbor, MI 48104

SUBJECT: Greater Milwaukee RCPP
Letter of Support
Mid Moraine Water Quality Collective

Dear Ms Pebbles,

The Mid Moraine Water Quality Collective is a group of municipalities and wastewater utilities located in the Milwaukee River watershed in Ozaukee, Washington, and Fond du Lac counties. This group is organized around improving water quality and doing so in a cost effective and responsible way. Organization of the Collective is in its infancy and group membership is currently dynamic. Members of the collective have signed a contract for up to \$2,500 to participate in group meetings and conduct very minor investigations of water quality regulations – specifically WI NR 217 and the Milwaukee River TMDL.

On behalf of the Mid Moraine Water Quality Collective, we are writing you to confirm the Collective's support for the Greater Milwaukee Regional Conservation Partnership Program (GMRCPP). We are particularly interested in working with watershed partners to explore and develop environmental markets in the GMRCPP area that will enable cost effective options for water quality compliance and management and responsible use of local tax payer dollars. The development of a TMDL for the Milwaukee River Watershed will set new, and likely, more stringent load targets for our members who are interested in exploring cost-effective compliance options, such as water quality trading. We are committed to working with GMRCPP partners to improve our understanding the potential cost of water quality credits for phosphorus (P) and total suspended solids (TSS) compared to competing compliance options and to implementing market-based options where feasible.

The municipalities that have committed to support GMRCPP through their participation in the MMWQC are:

- City of Cedarburg
- City of Mequon
- Village of Campbellsport
- Village of Fredonia
- Village of Grafton
- Village of Jackson
- Village of Kewaskum
- Village of Newburg
- Village of Thiensville
- Town of Grafton

Specifically, the MMWQC is committed to participating in the project in the following ways:

- Attend RCPP project update meetings (as part of the Mid Moraine Water Quality Collective initiative) to enhance our understanding of the potential for our members to engage in trading address of P and TSS credits as a cost-effective WPDES permit compliance option.
- Contribute \$25,000 toward the support of consultant time to administer and facilitate group meetings, and assess the demand for P and TSS credits to support a larger future economic feasibility assessment of water quality trading in the watershed;
- Work with our members to invest in conservation practices within the watershed that will count toward WPDES permit compliance and thereby improve water quality in the GMRCPP area.
- Evaluate potential watershed based solutions on a municipality-by-municipality basis to ensure that projects and programs are cost effective and feasible. Furthermore, evaluate whether future financial participation in these projects and programs make sense for each community on a case-by-case basis.

Our intent is to participate by investing financial/technical assistance in the amount of \$25,000 to support the project. Our amount of support is dependent on multiple variables including RCPP application approval. It takes into account the uncertainties about future waste load allocations in WPDES permits with the pending Milwaukee River Basin TMDL, the nature of municipal budgets, and future project constraints for budget years 2015, 2016, 2017, 2018, 2019.



Participation in the Greater Milwaukee RCPP and level of contribution will be evaluated each year as needs, priorities, and budgets are planned. With these considerations, the MMWQC eagerly supports the GMRCPP application and looks forward to participating in the watershed based approach to enhance cost-effective solutions that will improve water quality in the Greater Milwaukee River Watershed.

Sincerely,



Matthew J Bednarski, PE, EMBA
Project Manager
GRAEF



David W Arnott, PE
Associate / Senior Project Manager
Ruekert & Mielke, Inc.

MJB:mjb

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cc: Tom Wiza, City of Cedarburg
Kristen Lundeen, City of Mequon
Pat Twohig, Village of Campbellsport
Roger Strohm, Village of Fredonia
Dave Murphy, Village of Grafton
Brian Kober, Village of Jackson
Matt Heiser, Village of Kewaskum
Rick Goeckner, Village of Newburg
Andy Lafond, Village of Thiensville
Lester Bartel, Town of Grafton

Public Works Report

October 27, 2015

Treatment Plant - Designed Capacity – 1.67 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
July	Avg. Flow 696,290 g.p.d.	Min. Flow 571,000 g.p.d.	Max. 912,000 g.p.d.
August	Avg. Flow 726,935 g.p.d.	Min. Flow 558,000 g.p.d.	Max. 1.254 MGD
September	Avg. Flow 728,240 g.p.d.	Min. Flow 526,000 g.p.d.	Max. 1.364 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
July	Avg.	722,550 g.p.d.	Highest Day 989,000 gals.	Total	22,399,000 gallons
August	Avg.	733,420 g.p.d.	Highest Day 1.197 MGD	Total	22,736,000 gallons
Sept	Avg.	615,700 g.p.d.	Highest Day 753,000 gals.	Total	18,471,000 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

2005	\$ 87,562.01	2007	\$152,201.07	2009	\$183,815.34	2011	\$220,576.28
2006	\$101,115.11	2008	\$210,441.47	2010	\$197,653.66	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32				

2013	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
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

2014	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
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

2015	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
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
July	1,485,950			33,830	243,660	\$18,589.33
August	1,255,600			28,050	290,860	\$17,810.50
September	1,459,400			15,500	333,350	\$19,899.26

Cranberry Creek Phase 4

All utility has been installed and will be recommending for approval at the next Public Works meeting. The access road connecting Jackson Drive is scheduled to be completed in the first week of November.

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.

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

The Jackson Utilities will start the discussion of upgrading the mapping program with Gremmer and Associates and Town and Country's GIS person.

Digester Upgrade project

The punch list is being corrected. Hopefully, the final payment will be reviewed at the November Public Works meeting.

West Shore Pipeline Break

The lawyers are finalizing the necessary paperwork to accept the work for the project.

Storm Water Management Plan

Discussion has started on creating an outreach and education program for the plan. The data is being completed for the first review.

Georgetown Drive Reconstruction Project

Georgetown Drive Reconstruction Project has the final asphalt lift installed along with all landscaping. The remaining items is cleanup and two broken sidewalks to be replaced.

Jackson Drive Sidewalk Project

All sidewalk and driveways have been poured. Asphalt patches and driveways have started. Landscaping is next with the completion date of October 30th.

Wilshire Drive and Jackson Drive Intersection Parking Issue

The intersection has been inspected by the Police Chief during different times of the day to determine if parking restrictions are necessary. After discussion, no parking signs will be installed on the power poles along Jackson Drive restricting vehicles from parking 20 ft (north and South) from the Wilshire Drive.

Respectfully submitted, Brian W. Kober, P.E.