

STPN-136-2(42)--2J-53
PCC PAVEMENT - REPLACE
IA 136

Project Description:
IN THE CITY OF CASCADE, FROM THE SCL TO 1ST
AVE INTERSECTION

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.15 of the Specifications.

Sheet List Table

EXISTING UTILITY NOTE

WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.



811
Know what's below.
Call 811

PCC PAVEMENT-REPLACE IA 136
CITY OF CASCADE
CITY OF CASCADE, IOWA

REVISIONS

MILEAGE SUMMARY

SEE SHEET C.01 FOR LIST
OF STANDARD ROAD PLANS

SEE SHEET A.02 FOR LEGEND
AND UTILITY INFORMATION

RECOMMENDED FOR LETTING
BY CITY OF CASCADE

MAYOR SIGNATURE

DATE: _____

PRINT NAME

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE

DATE: _____

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2022

PAGES OR SHEETS COVERED BY THIS SEAL: ALL

ALL

TOTAL
XX

PROJECT IDENTIFICATION NUMBER

21-53-136-020

PROJECT NUMBER

STPN-136-2(42)--2J-53

R.O.W. PROJECT NUMBER

PROJECT NO.
0447040

SHEET
A.1

TITLE PAGE

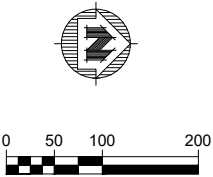
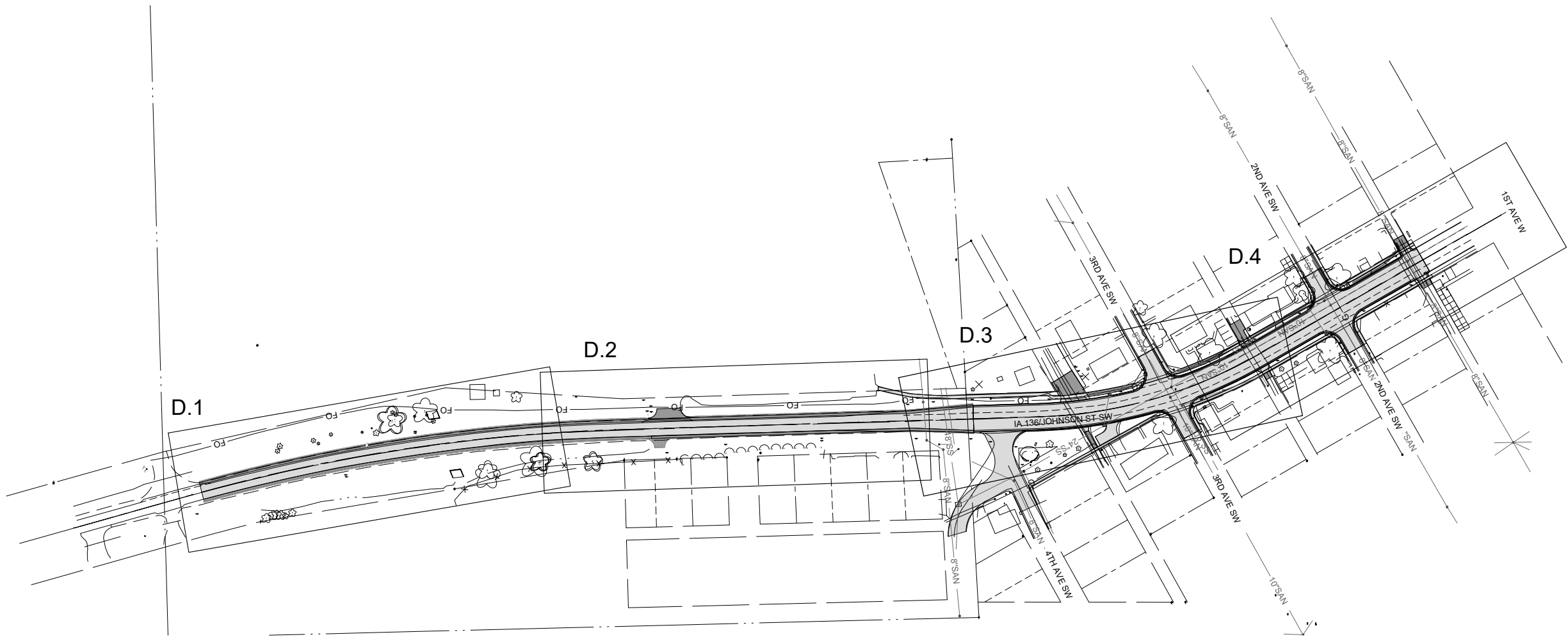
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PRELIMINARY



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LEGEND

W	EXISTING WATER MAIN	---	FENCE LINE
---	EXISTING GATE VALVE & HYDRANT	--->---	DRAINAGE ARROW
---	WATER SERVICE & CURB STOP	---	SILT FENCE
---	PROPOSED WATERMAIN, VALVE, & HYDRANT	---	RIGHT-OF-WAY
---	PROPOSED WATER SERVICE & CURB STOP	---	BASELINE
SAN	EXISTING SANITARY SEWER & MANHOLE	---	PROPERTY LINE
FM	EXISTING FORCEMAIN	---	TREE LINE
SAN	EXISTING STORM SEWER & INLET	---	BENCHMARK
---	PROPOSED STORM SEWER & INLET	---	IRON PIPE
---	PROPOSED STORM SEWER & MANHOLE	---	IRON ROD
---	PROPOSED SANITARY SEWER & MANHOLE	---	CONTROL POINT
E	BURIED ELECTRIC	---	UTILITY POLE & GUY
G	BURIED GAS & VALVE	---	SOIL BORING
TV	BURIED CABLE TELEVISION	---	LIGHT POLE
T	BURIED TELEPHONE	---	PEDESTAL
FO	BURIED FIBER OPTICS	---	STREET SIGN
OH	OVERHEAD UTILITY	---	MAILBOX
---	RAILROAD TRACKS	---	FLAGPOLE
---	EXISTING CURB & GUTTER	---	TREE - DECIDUOUS
---	PROPOSED CURB & GUTTER	---	TREE - CONIFEROUS
---	EXISTING SIDEWALK	---	TREE TO BE REMOVED
---	PROPOSED SIDEWALK	---	
CP	EXISTING CULVERT PIPE	---	
---	PROPOSED CULVERT PIPE	---	

UTILITIES

GAS:

CASCADE MUNICIPAL UTILITIES
320 1ST AVE. W
CASCADE, IA 52033
(563) 852 - 3614

ELECTRIC:

CASCADE MUNICIPAL UTILITIES
320 1ST AVE. W
CASCADE, IA 52033
(563) 852 - 3614

SEWER & WATER:

CASCADE, CITY OF
320 1ST AVE. W
CASCADE, IA 52033
(563) 852 - 3614

TELEPHONE:

CASCADE COMMUNICATIONS COMPANY
106 TAYLOR ST. SE
CASCADE, IA 52033
(563) 852 - 3710

DUBUQUE COUNTY ENGINEER

CONTACT NAME: ANTHONY BARDGETT
CONTACT PHONE: (563) 557 - 7283
CONTACT EMAIL: ANTHONY.BARDGETT@DUBUQUECOUNTY.IA.US

JONES COUNTY ENGINEER

CONTACT NAME: DEREK SNEAD
CONTACT PHONE: (319) 462 - 3785
CONTACT EMAIL: ENGINEER@JONESCOUNTYIOWA.GOV

EMERGENCY

POLICE:

EMERGENCY: 911
NON-EMERGENCY: (563) 852 - 3100

FIRE:

EMERGENCY: 911
NON-EMERGENCY: (563) 852 - 3583

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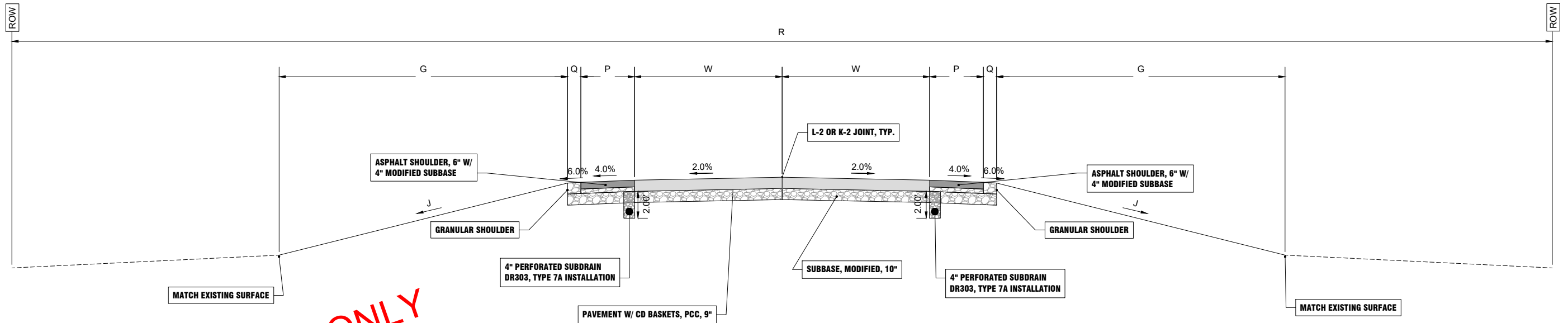
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PROJECT OVERVIEW

PROJECT NO:
00447040
SHEET
A.2

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NOT TO BE USED FOR
CONSTRUCTION

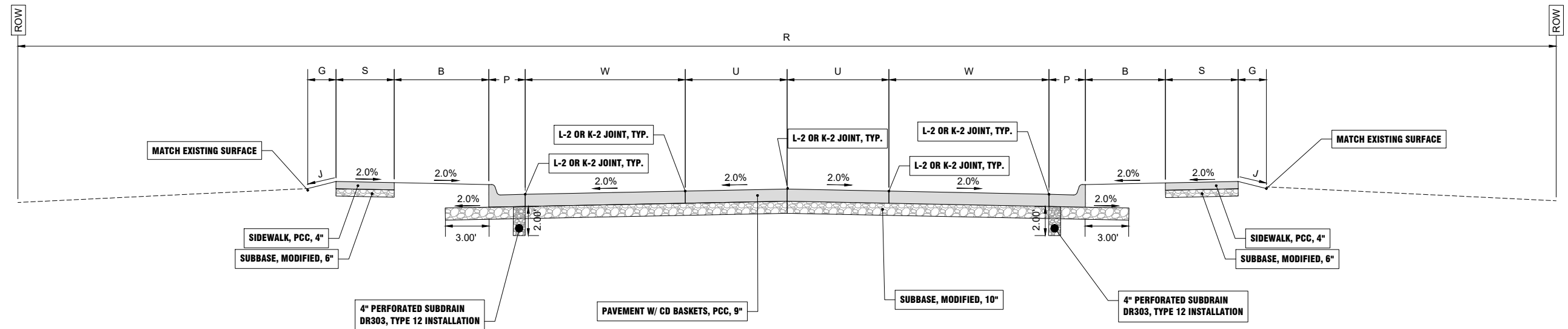


IA 136
PROPOSED TYPICAL SECTION

STA 414+22 TO STA 426+86.88

IA 136 PAVING							NOTES
STATION	W	P	Q	G	J	R	
414+22 - 425+86.88	12.00'	4.00'	1.00'	0.00'-20.00'	0%-33%	100'-165'	RURAL CROSS SECTION
425+86.88 - 426+86.88	12.00' - 19.00'	4.00'	1.00'	0.00'-11.00'	0%-33%	100'	RURAL TO URBAN CROSS SECTION TAPER

- NOTE:
1. TRAVERSE JOINTS SHALL BE 'CD' JOINTS. SEE L SHEETS FOR JOINT LAYOUT AT INTERSECTIONS.
 2. CD JOINT SPACING SHALL NOT BE GREATER THAN 12'.
 3. ALL JOINTS SHALL BE FILLED WITH JOINT SEALANT MATERIAL, SEE PV-101.
 4. 6 INCH STANDARD CURB EXCEPT ACCESS LOCATIONS FOR DRIVEWAYS AS NOTED IN TABULATION 102-3
 5. CURB AND GUTTER TO MATCH PAVEMENT THICKNESS



IA 136
PROPOSED TYPICAL SECTION

STA 426+86.88 TO STA 434+77.39

IA 136 PAVING									NOTES
STATION	U	W	P	B	S	G	J	R	
426+86.88 - 428+28.00	7.00'	12.00'	2.50'	5.50'	5.00'	0.00'-16.00'	0%-25%	66'-95'	URBAN CROSS SECTION - 5' SW LEFT
428+28.00 - 434+77.39	7.00'	12.00'	2.50'	6.50'	4.00'	0.00'-16.00'	0%-25%	66'-95'	URBAN CROSS SECTION - 4' SW LEFT

- NOTE:
1. TRAVERSE JOINTS SHALL BE 'CD' JOINTS. SEE L SHEETS FOR JOINT LAYOUT AT INTERSECTIONS.
 2. CD JOINT SPACING SHALL NOT BE GREATER THAN 12'.
 3. ALL JOINTS SHALL BE FILLED WITH JOINT SEALANT MATERIAL, SEE PV-101.
 4. 6 INCH STANDARD CURB EXCEPT ACCESS LOCATIONS FOR DRIVEWAYS AS NOTED IN TABULATION 102-3
 5. CURB AND GUTTER TO MATCH PAVEMENT THICKNESS

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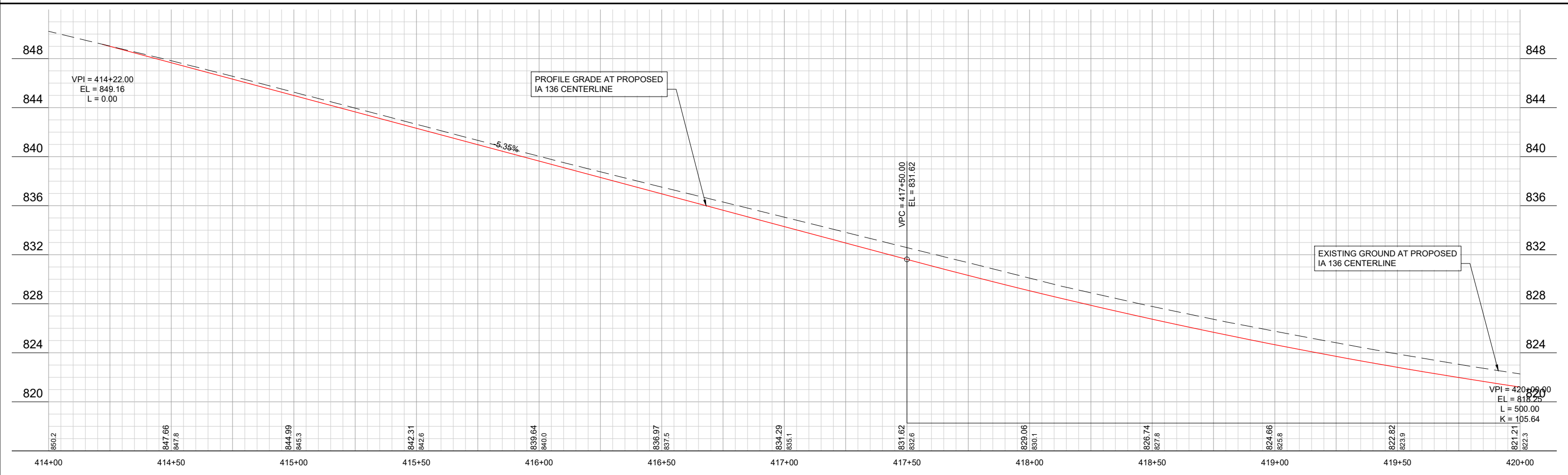
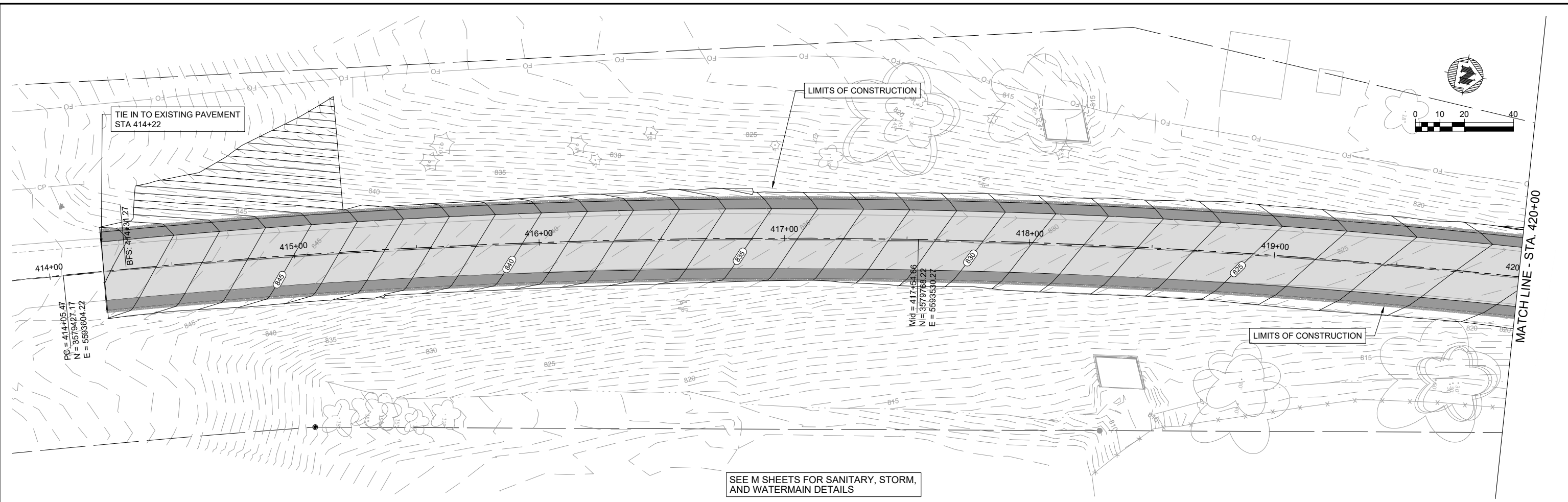


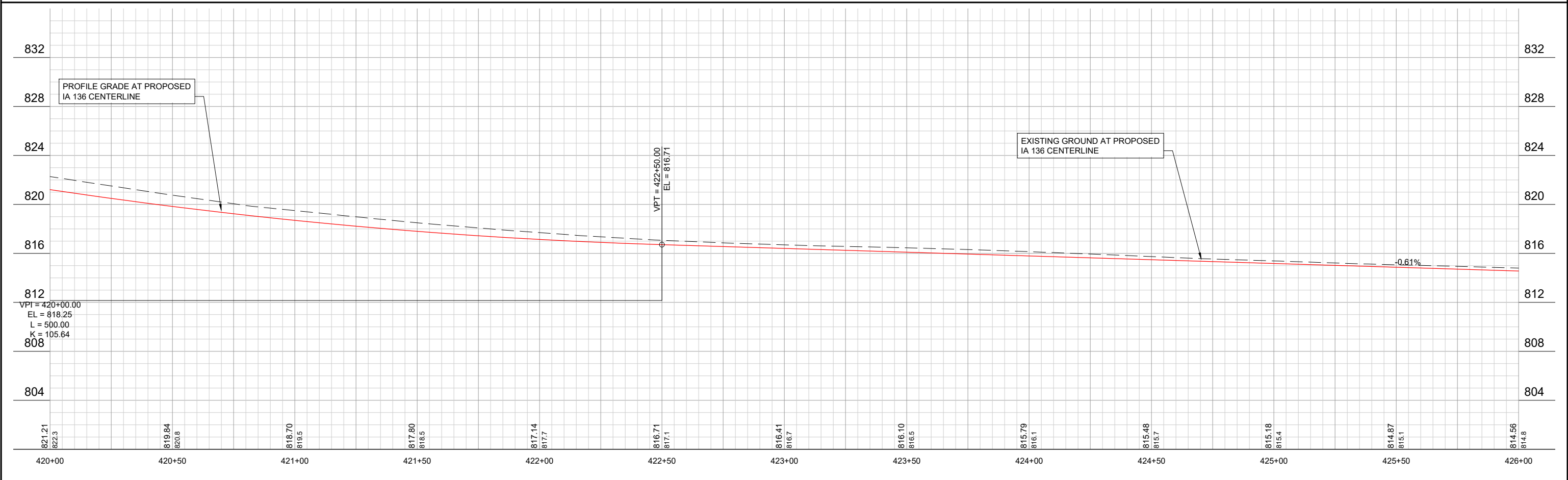
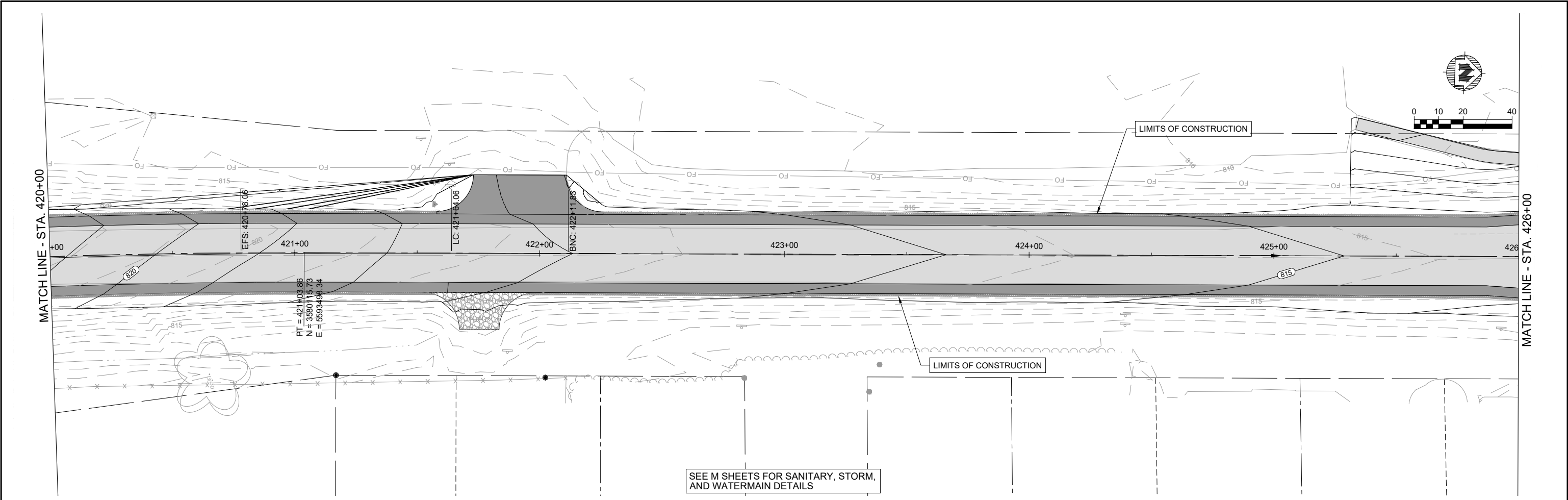
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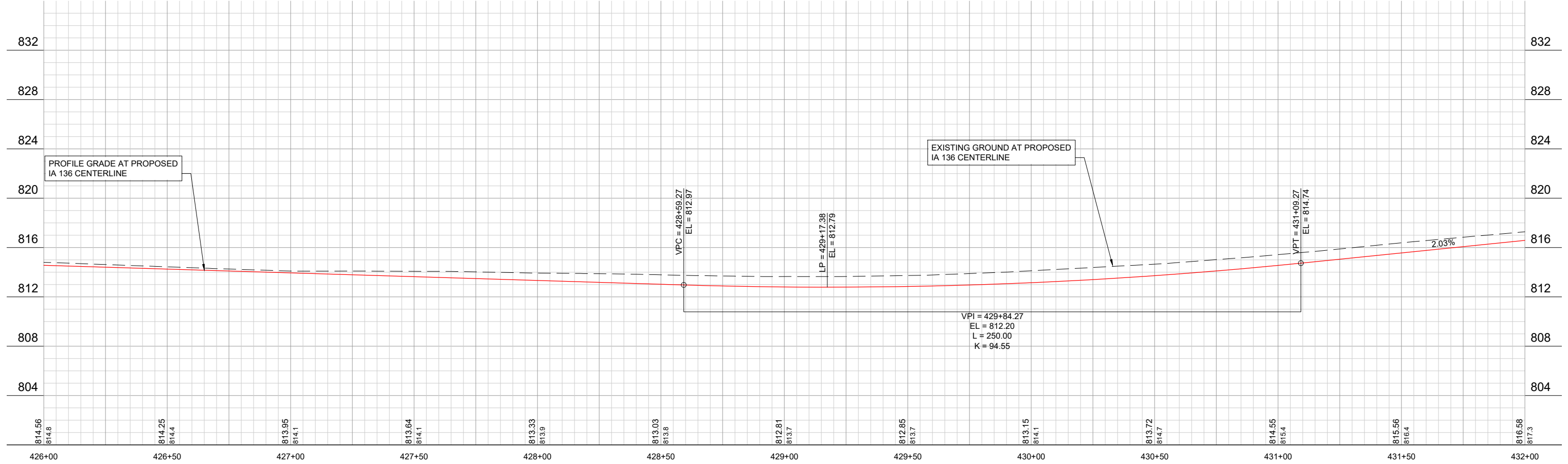
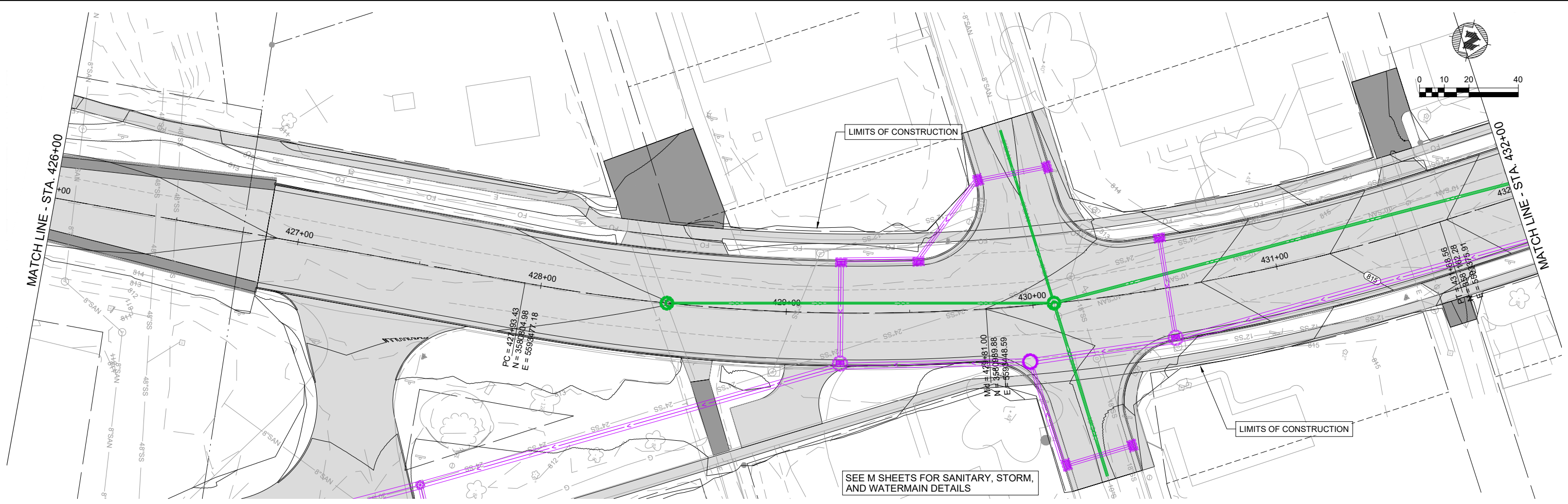
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TYPICAL SECTIONS

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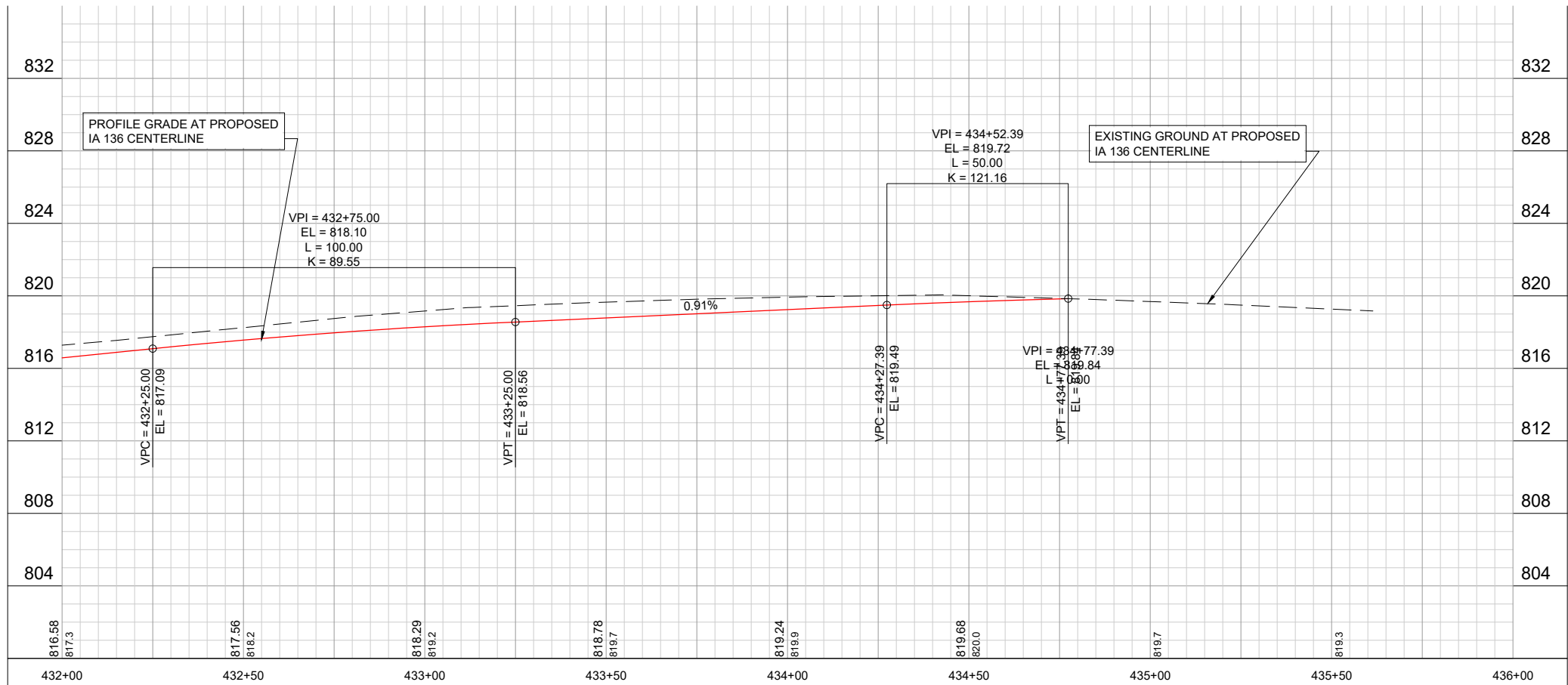
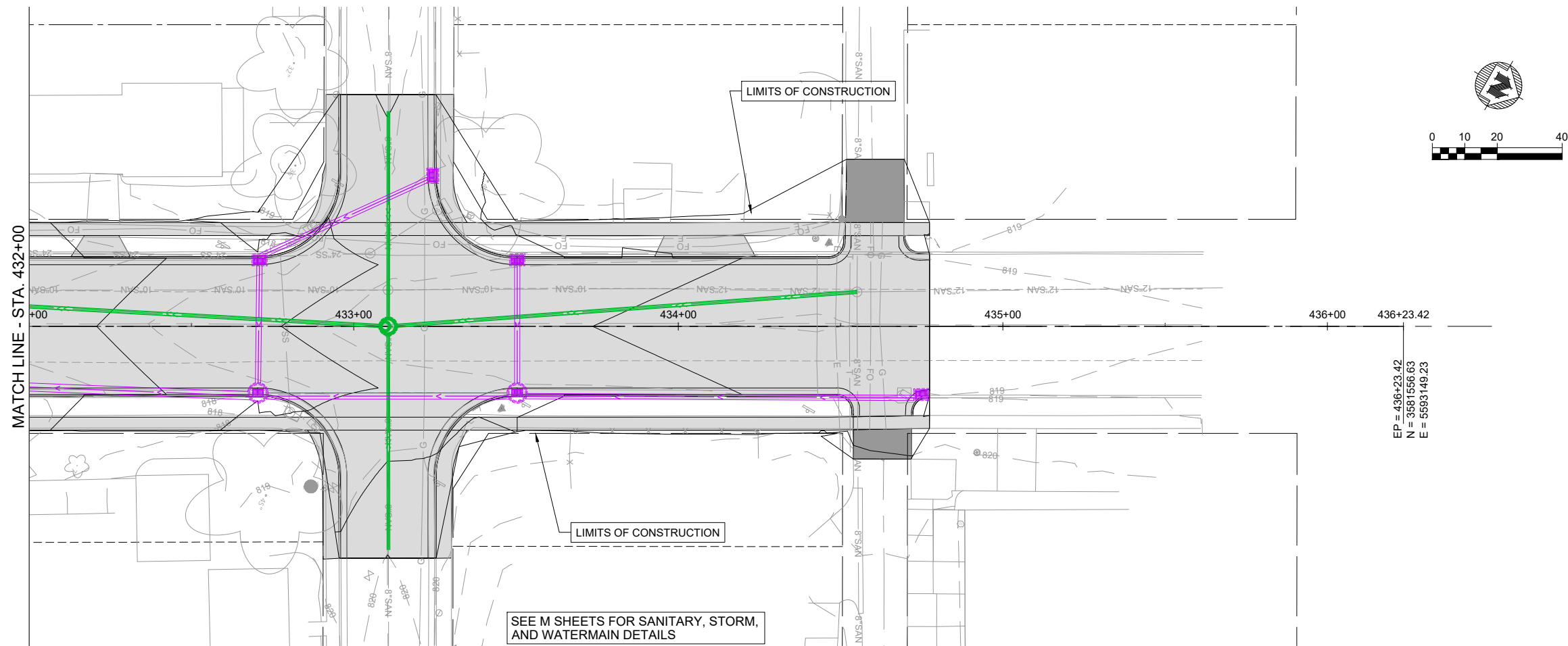
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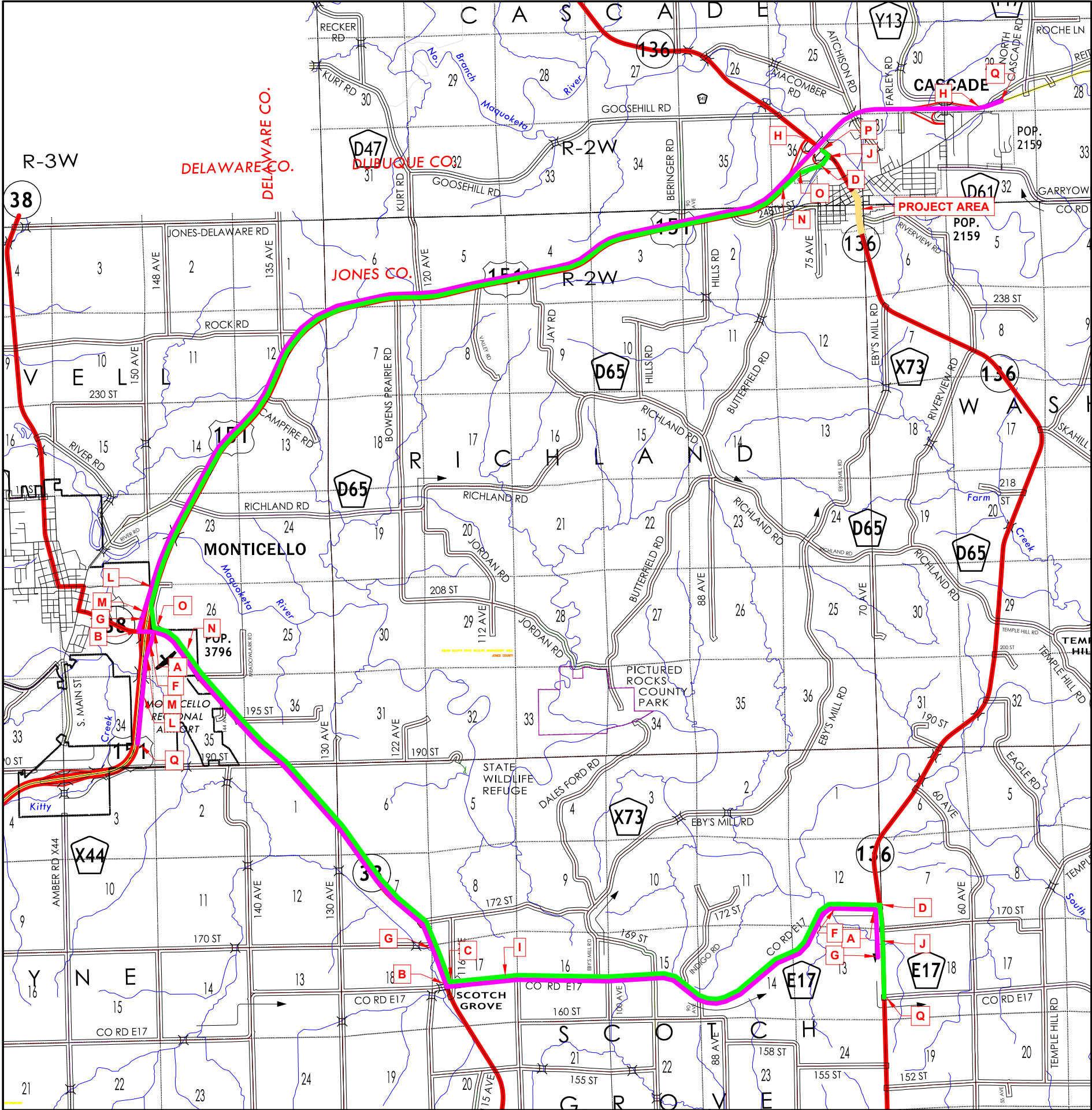


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IA 136

PROJECT NO:
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D.4



TRUCK AND NON-LOCAL DETOUR ROUTE

- NORTHBOUND 136
DETOUR ROUTE
- SOUTHBOUND 136
DETOUR ROUTE
- PROJECT LIMITS

ADDED TRAVEL DISTANCES:

NORTHBOUND DETOUR: 10.7 MILES
SOUTHBOUND DETOUR: 10.7 MILES

DETOUR SIGNAGE

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

A

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

B

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

C

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

D

JCT DETOUR 136

M4-8 M3-4 M1-5

E

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-1

F

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-1

G

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

H

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-1

I

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-1

J

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

K

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-2

L

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-2

M

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-2

N

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-2

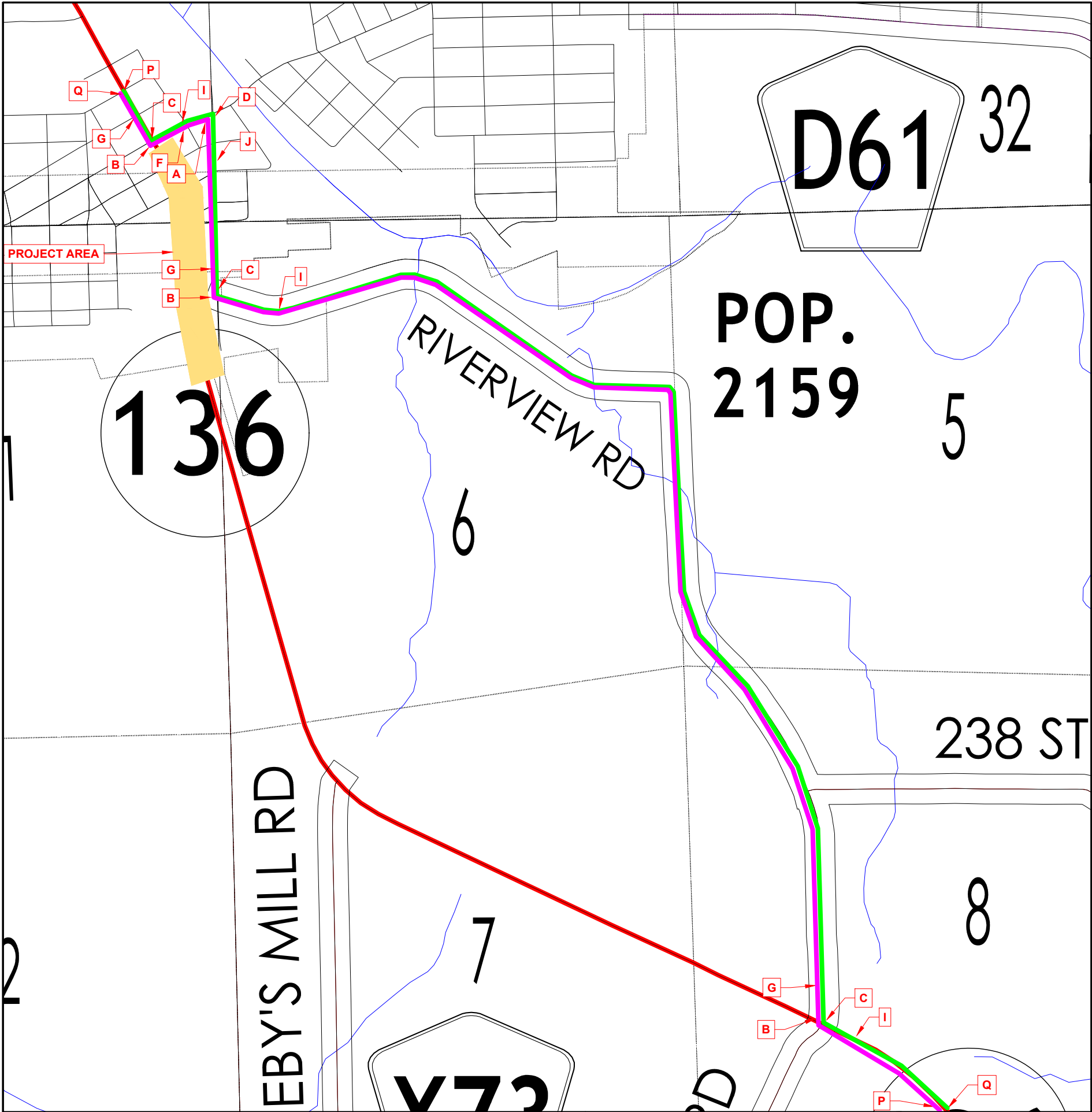
O

END DETOUR

P

DETOUR AHEAD

W20 48" x 48" Q



LOCAL DETOUR ROUTE

- NORTHBOUND 136 DETOUR ROUTE
- SOUTHBOUND 136 DETOUR ROUTE
- PROJECT LIMITS

ADDED TRAVEL DISTANCES:

NORTHBOUND DETOUR: 0.5 MILES
SOUTHBOUND DETOUR: 0.5 MILES

DETOUR SIGNAGE

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

A

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

B

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

C

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

D

JCT DETOUR 136

M4-8 M3-4 M1-5

E

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-1

F

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-1

G

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-1

H

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-1

I

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-1

J

DETOUR NORTH 136

M4-8 M3-4 M1-5 M6-1

K

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M5-2

L

DETOUR SOUTH 136

M4-8 M3-4 M1-5 M6-2

M

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-2

N

DETOUR NORTH 136

M4-8 M3-4 M1-5 M5-2

O

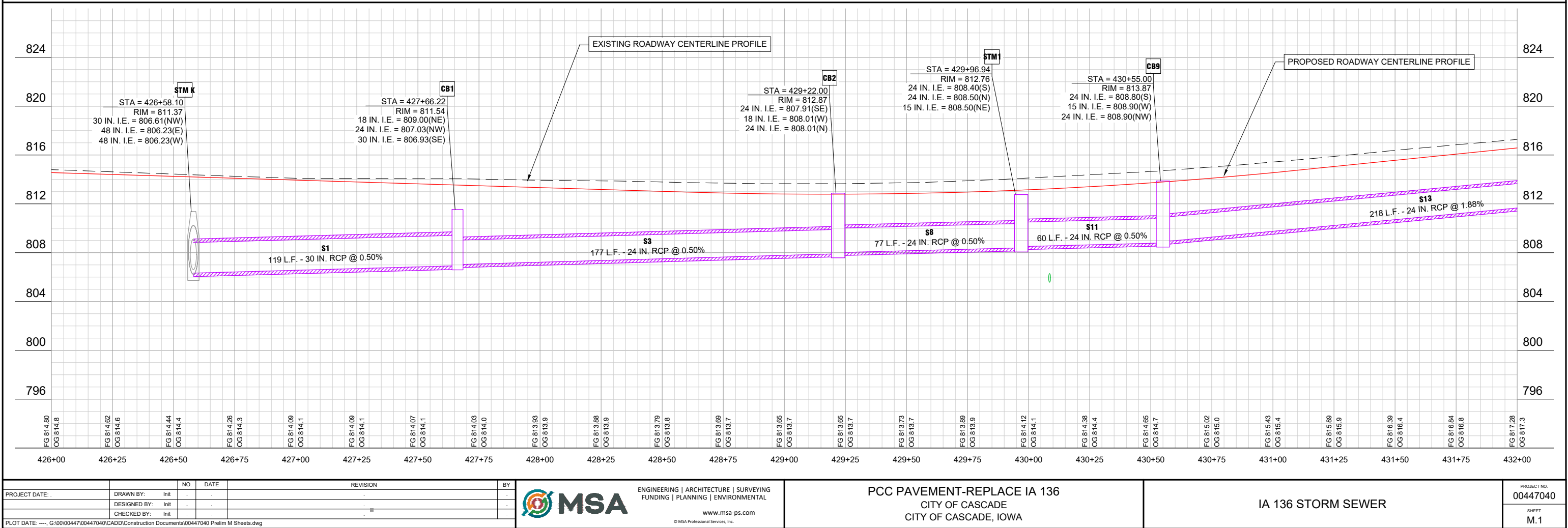
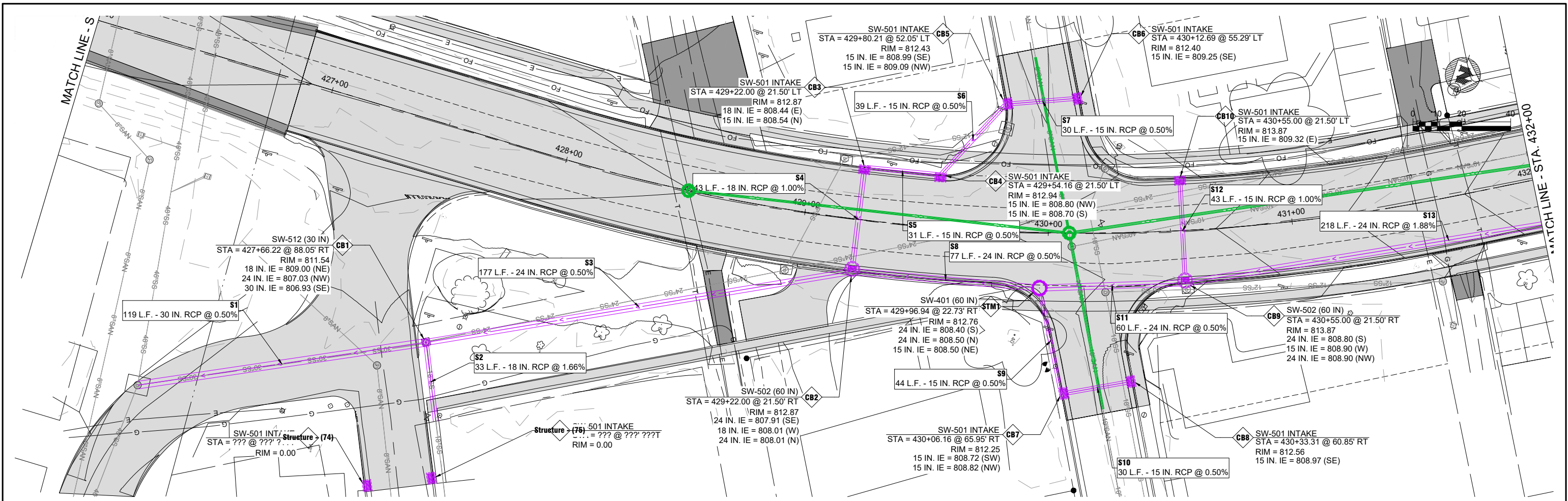
END DETOUR

P

DETOUR AHEAD

W20 48" x 48"

Q



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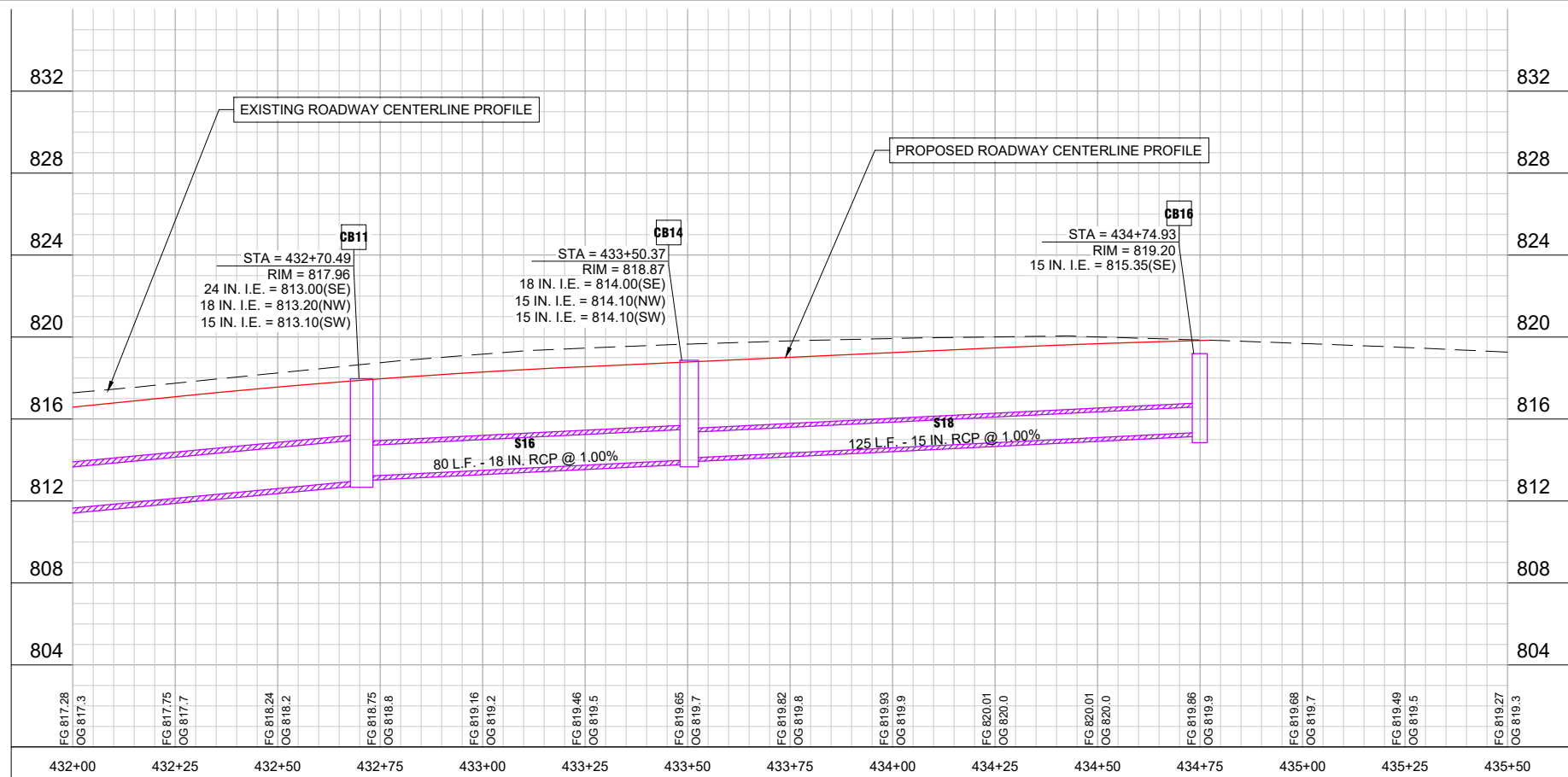
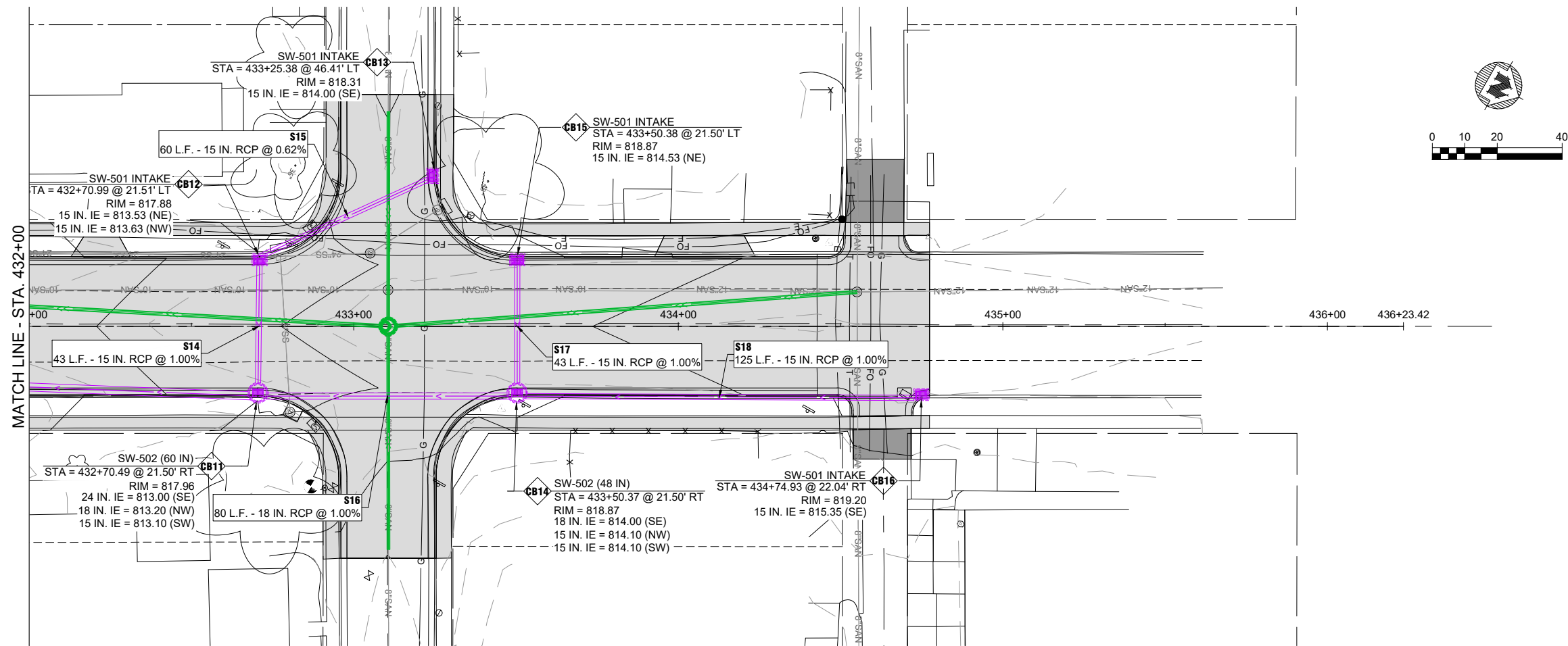
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IA 136 STORM SEWER

PROJECT NO: 00447040
SHEET M.1



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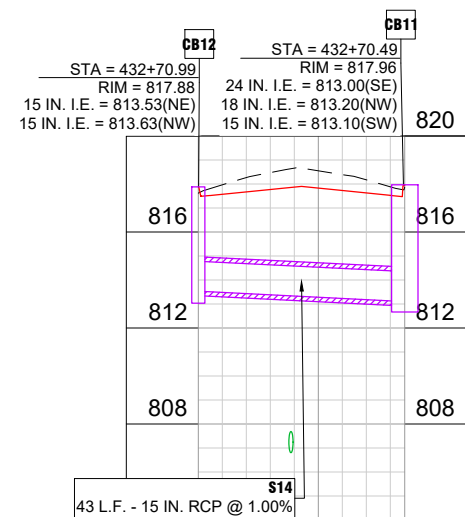
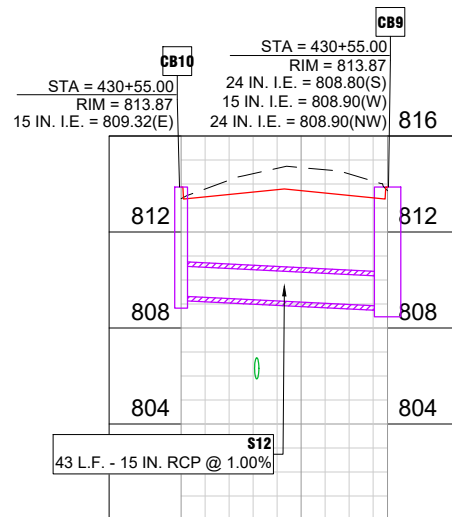
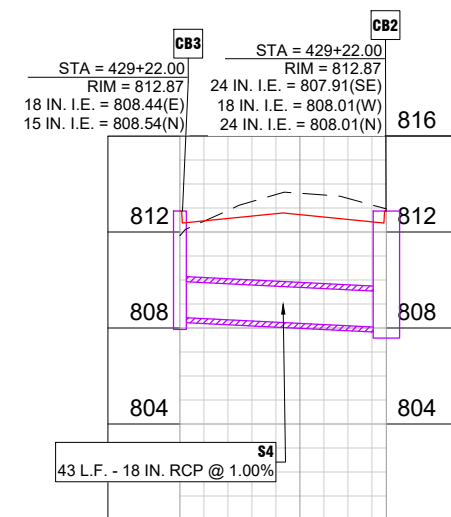
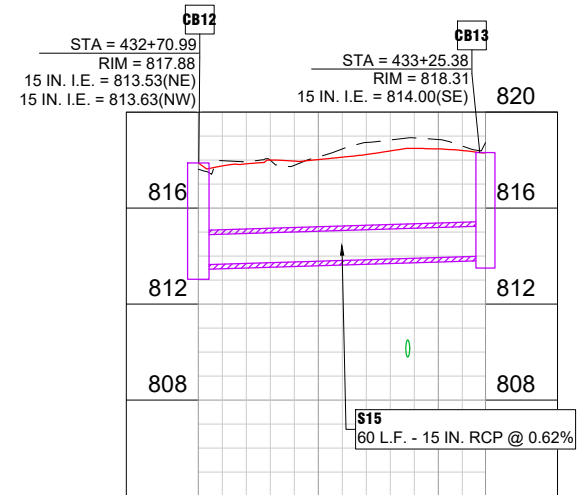
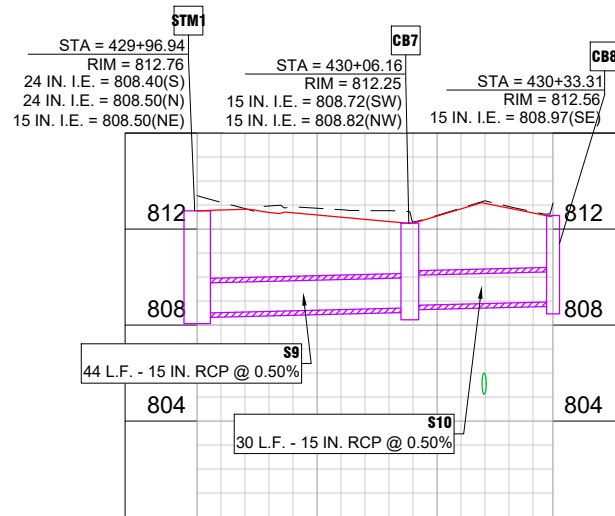
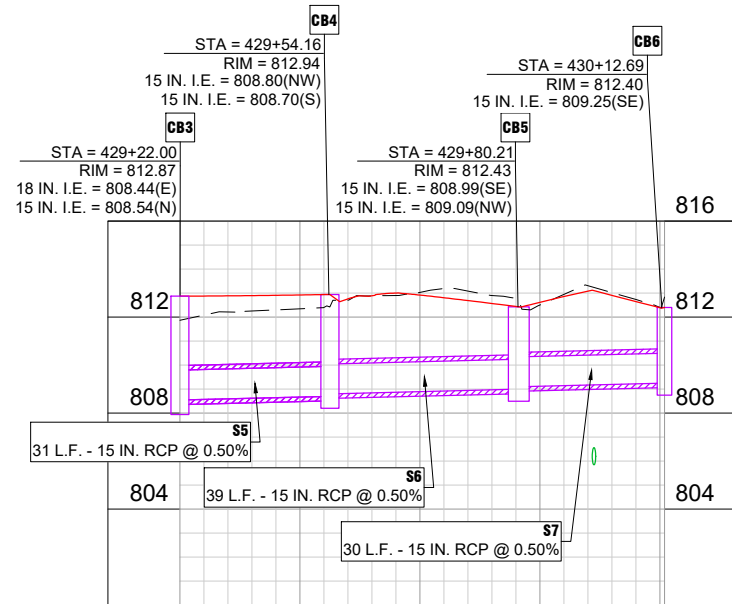


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IA 136 STORM SEWER

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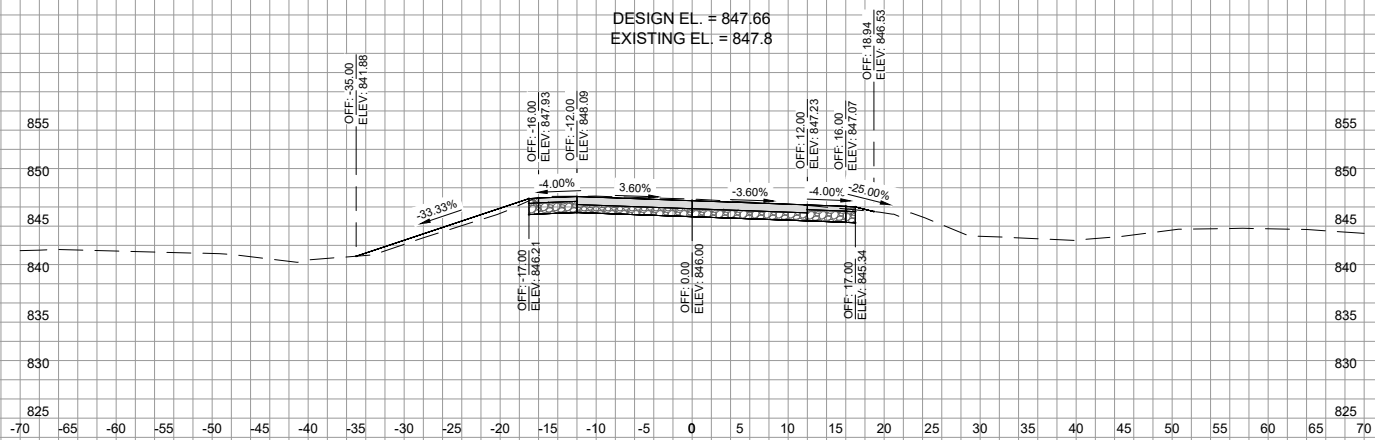


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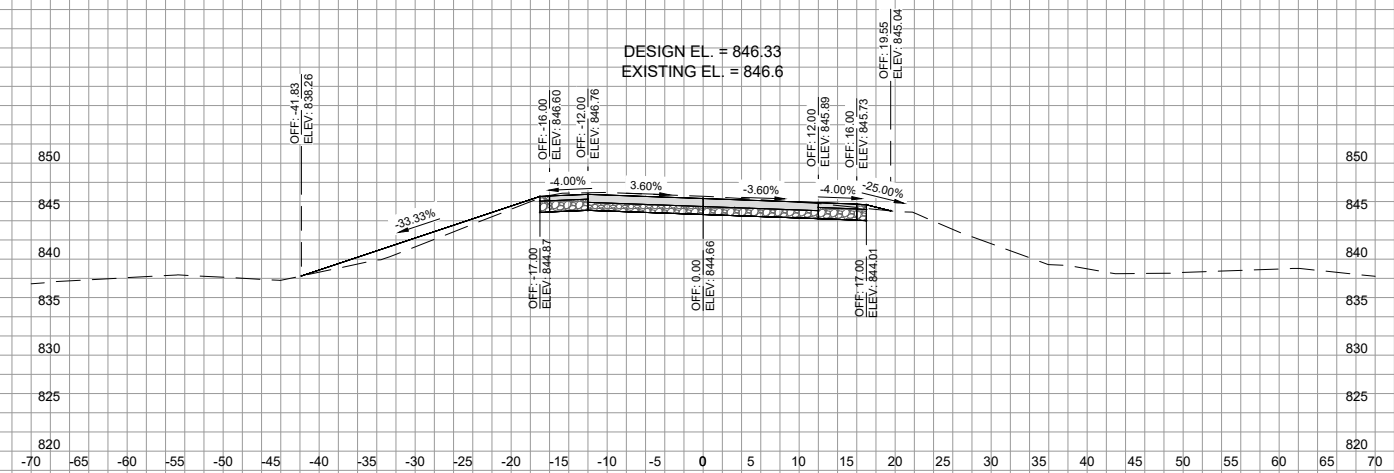
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IA 136 STORM SEWER

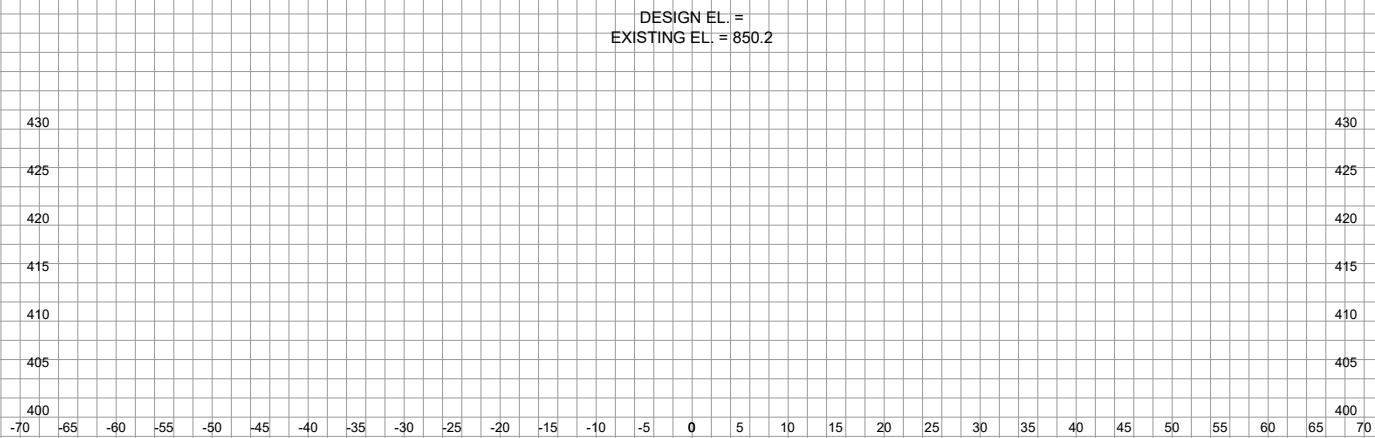
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00447040
SHEET
M.3



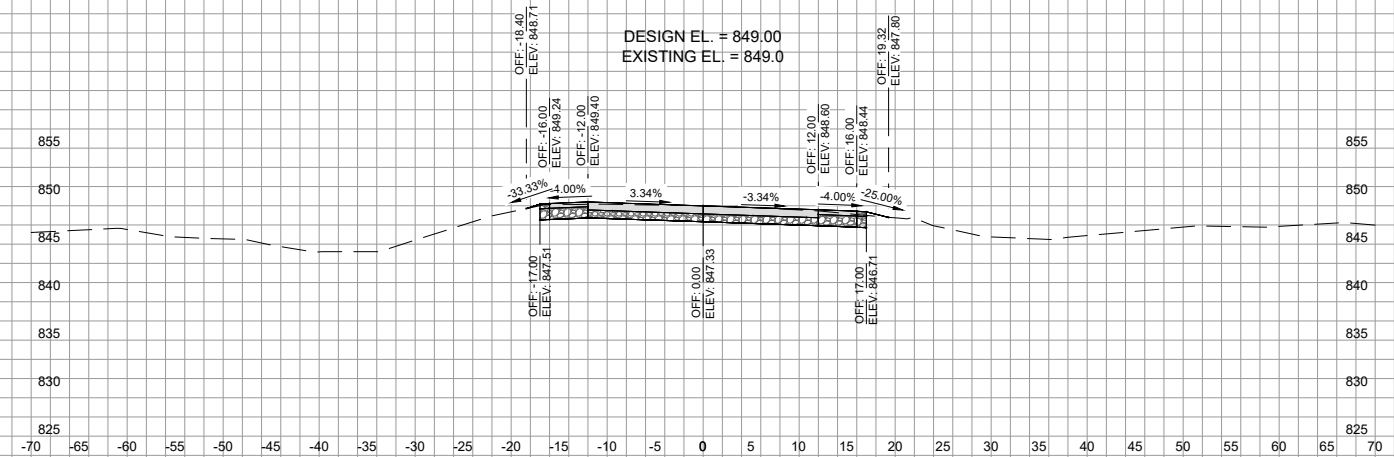
STA.= 414+50



STA.= 414+75



STA.= 414+00



STA.= 414+25

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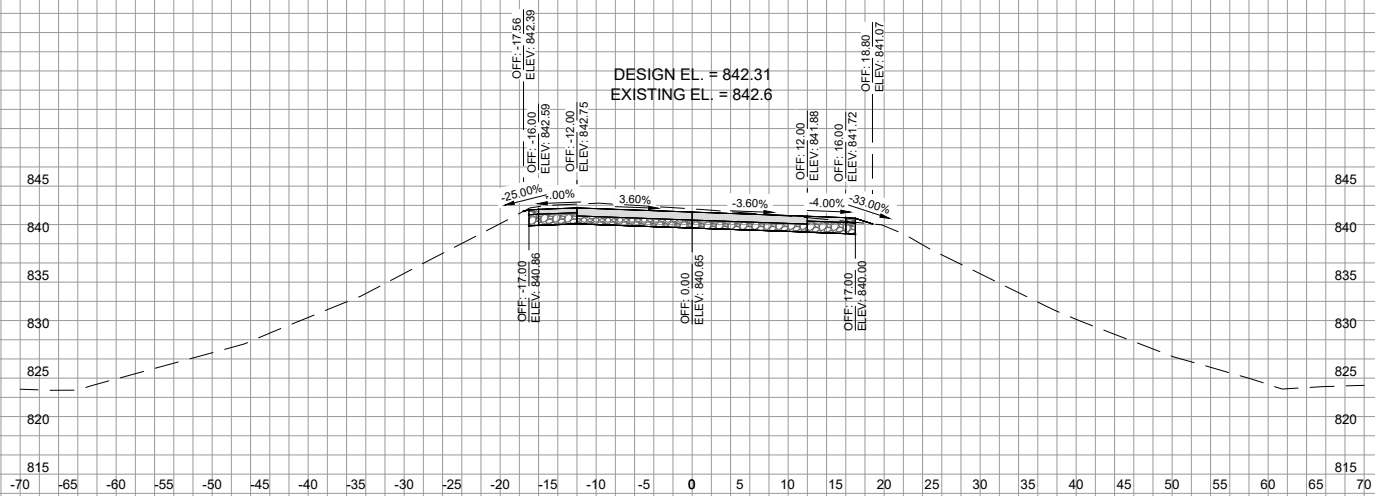


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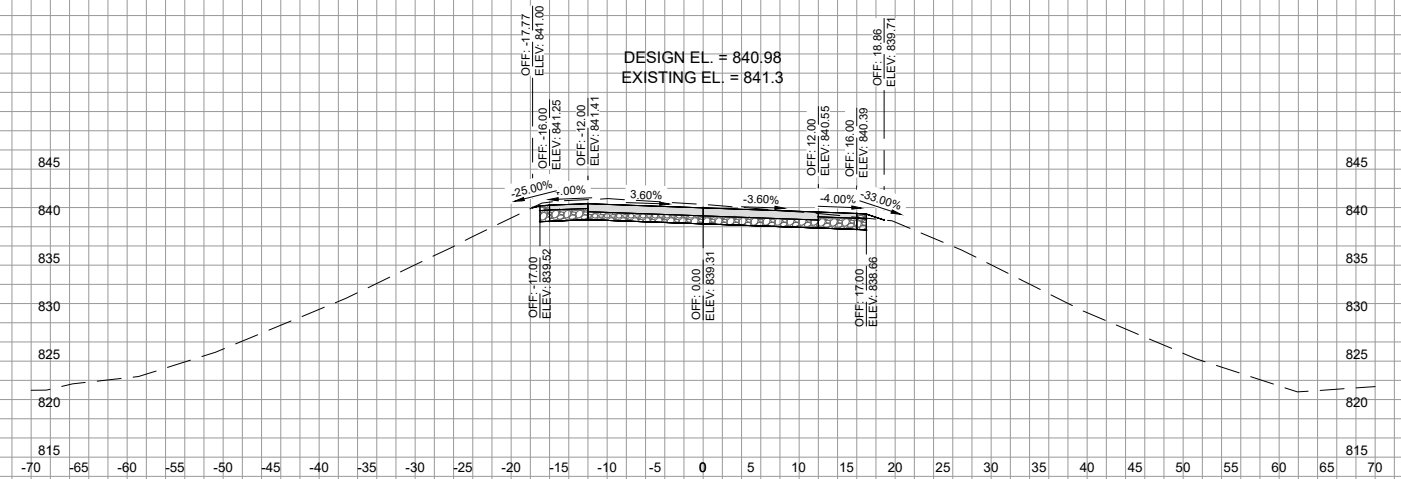
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IA 136 - CROSS SECTIONS

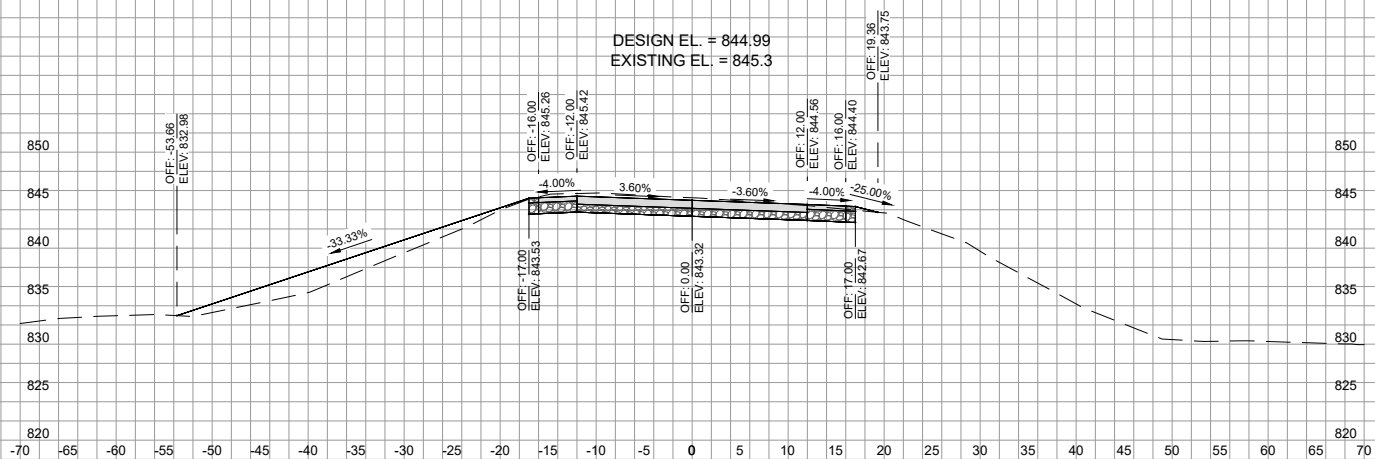
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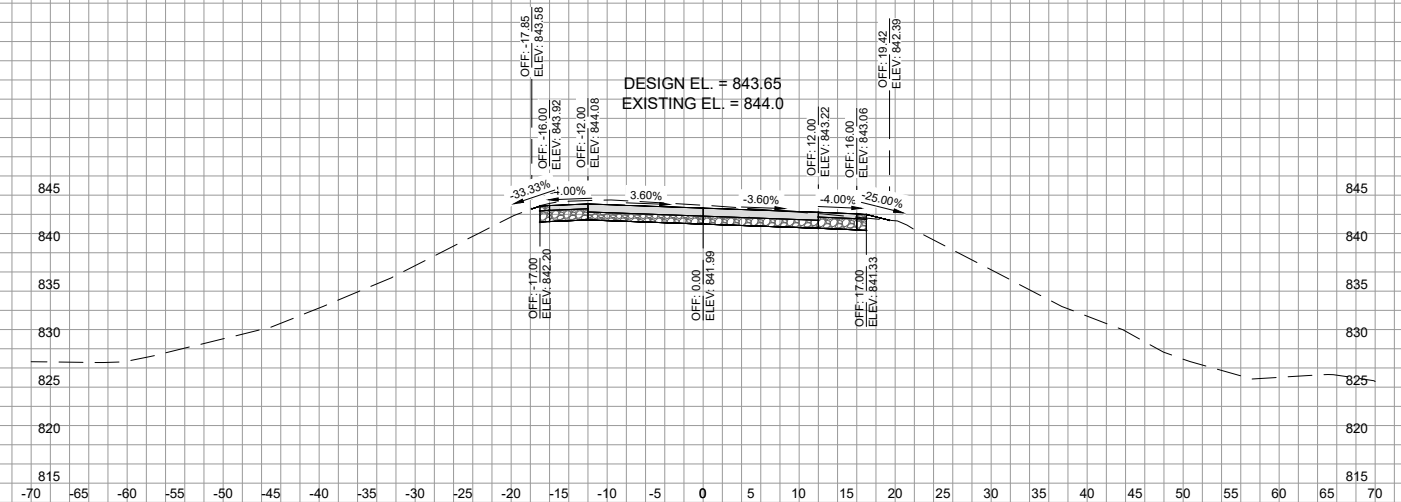
STA.= 415+50



STA.= 415+75



STA.= 415+00



STA.= 415+25

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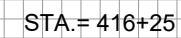
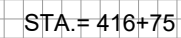
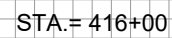
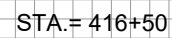


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IA 136 - CROSS SECTIONS

PROJECT NO:
00447040
SHEET
W.2

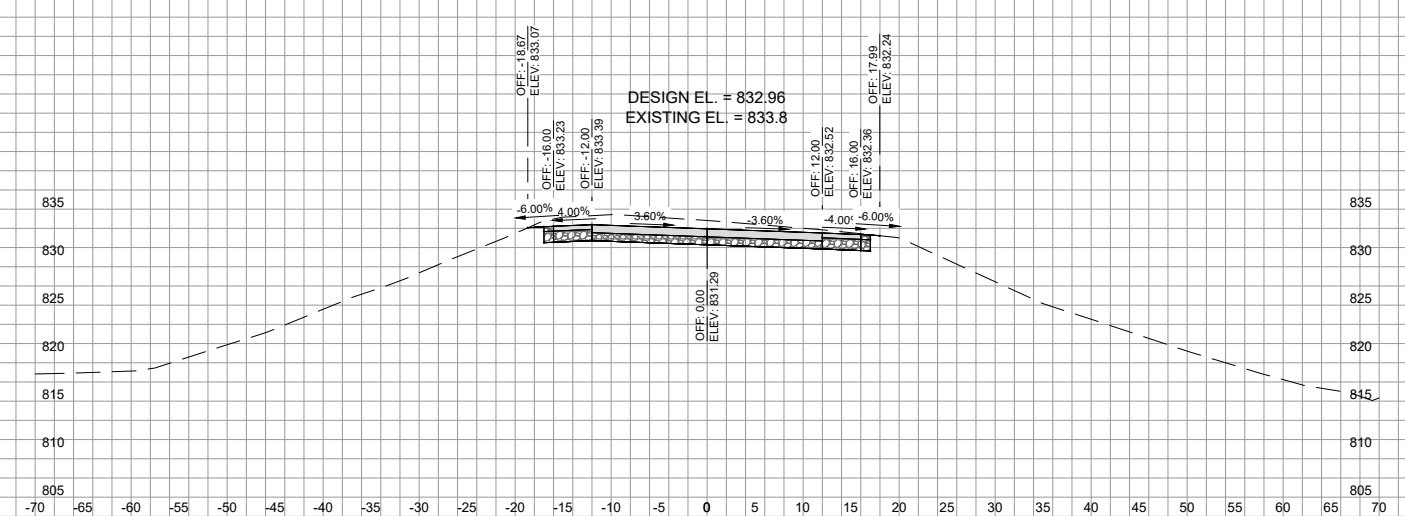
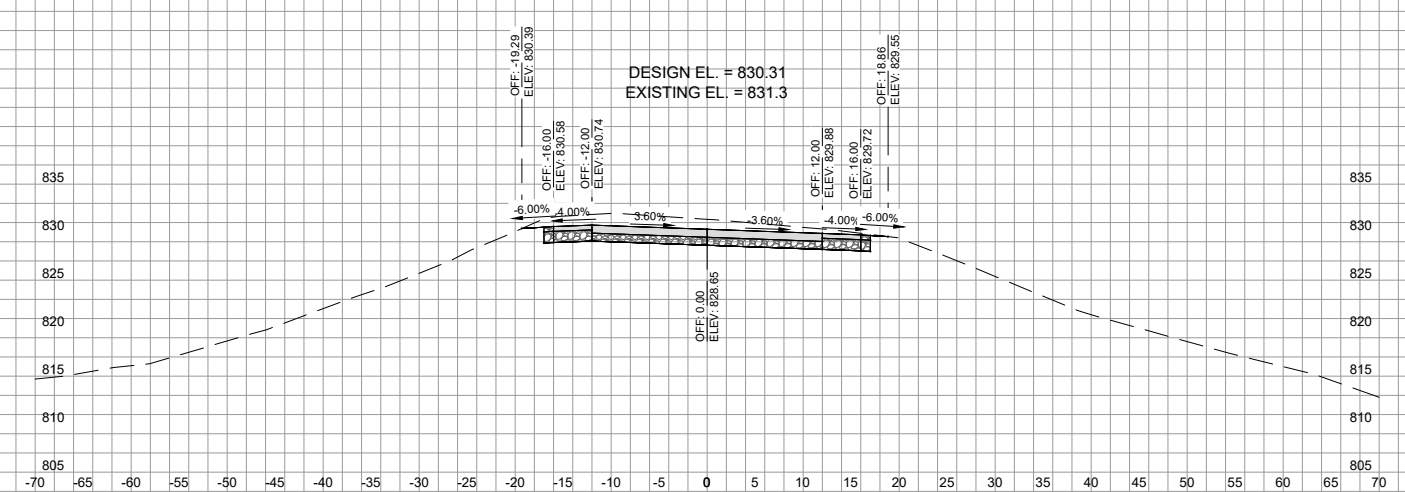
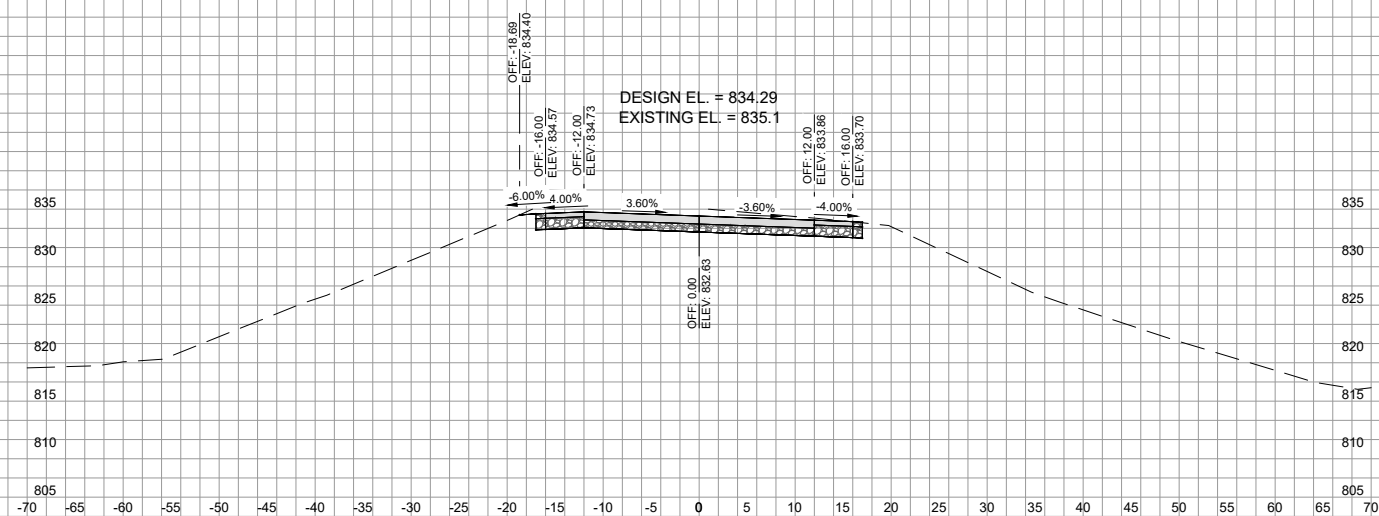
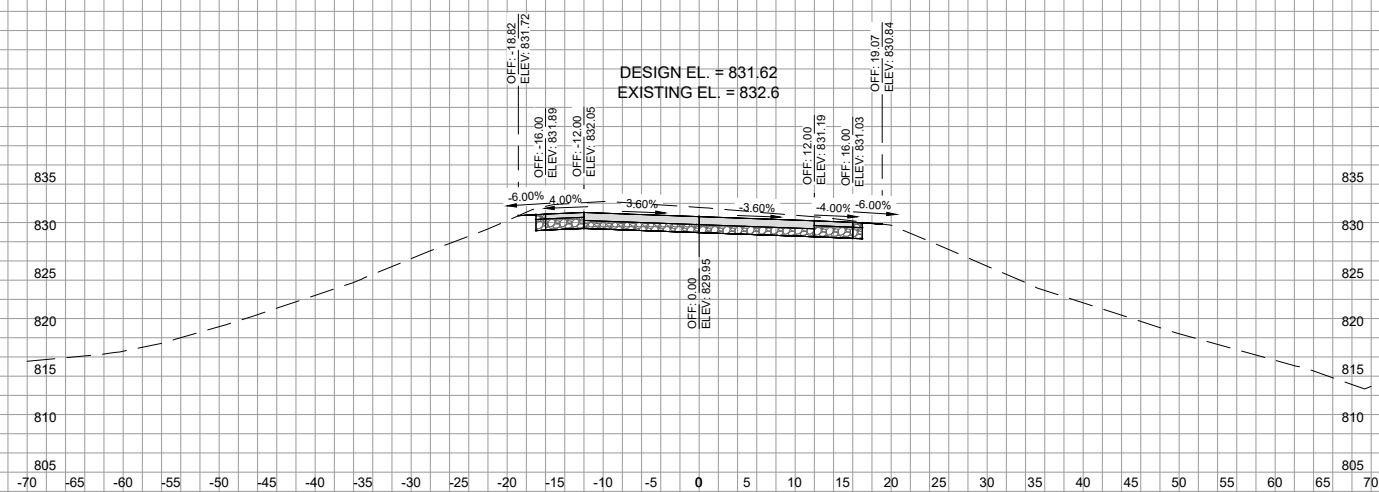


PCC PAVEMENT-REPLACE IA 136
CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

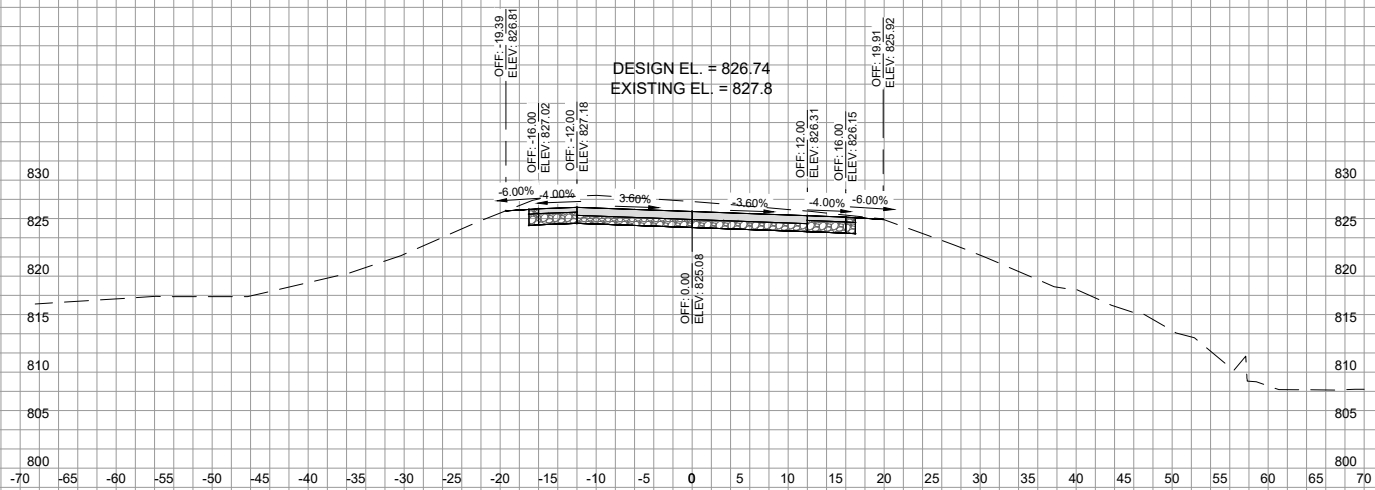
PROJECT NO.
00447040

SHEET
W.3

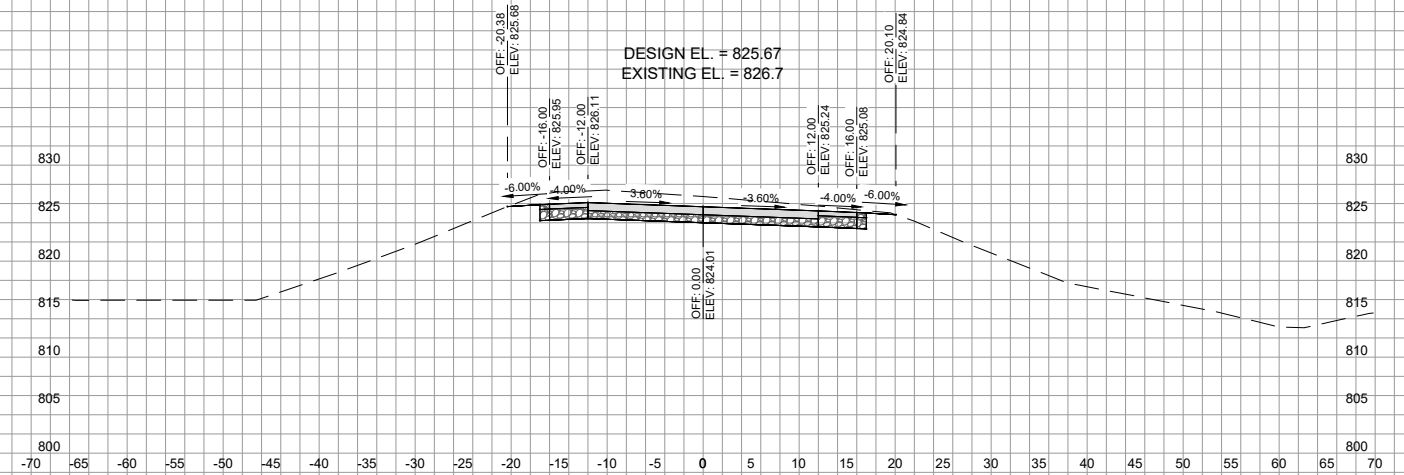


PROJECT NO.
00447040

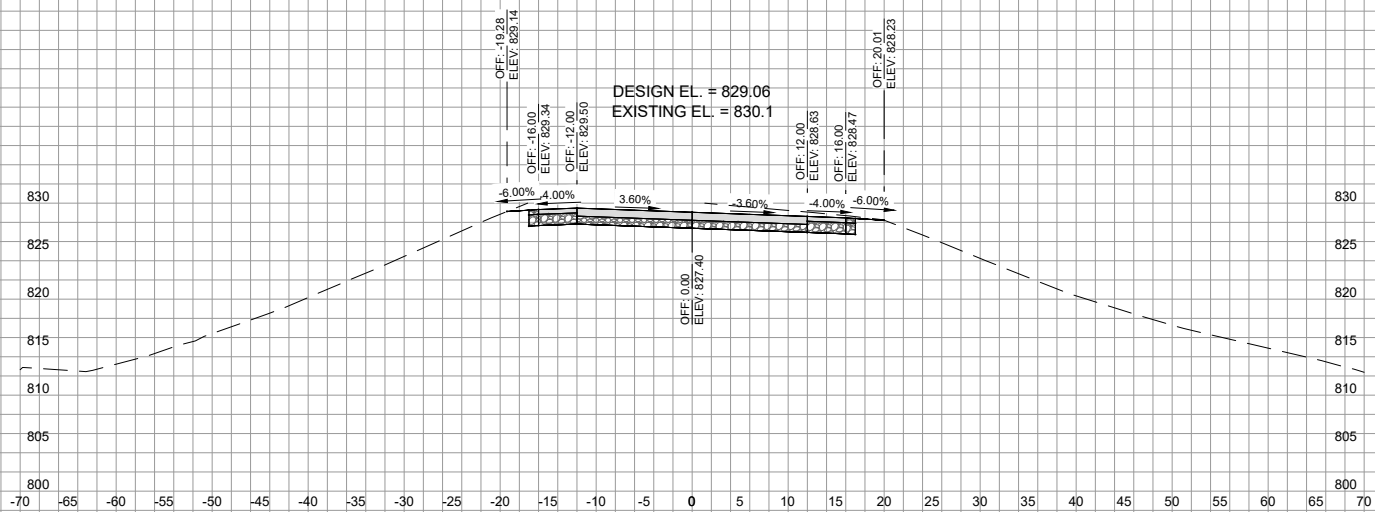
SHEET
W.4



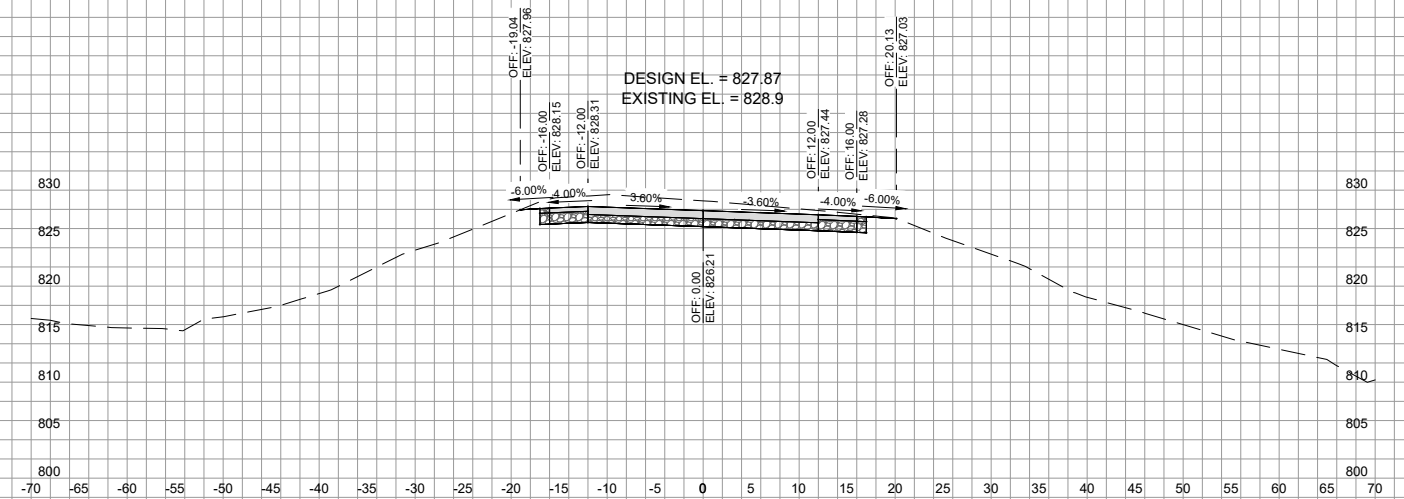
STA.= 418+50



STA.= 418+75



STA.= 418+00



STA.= 418+25

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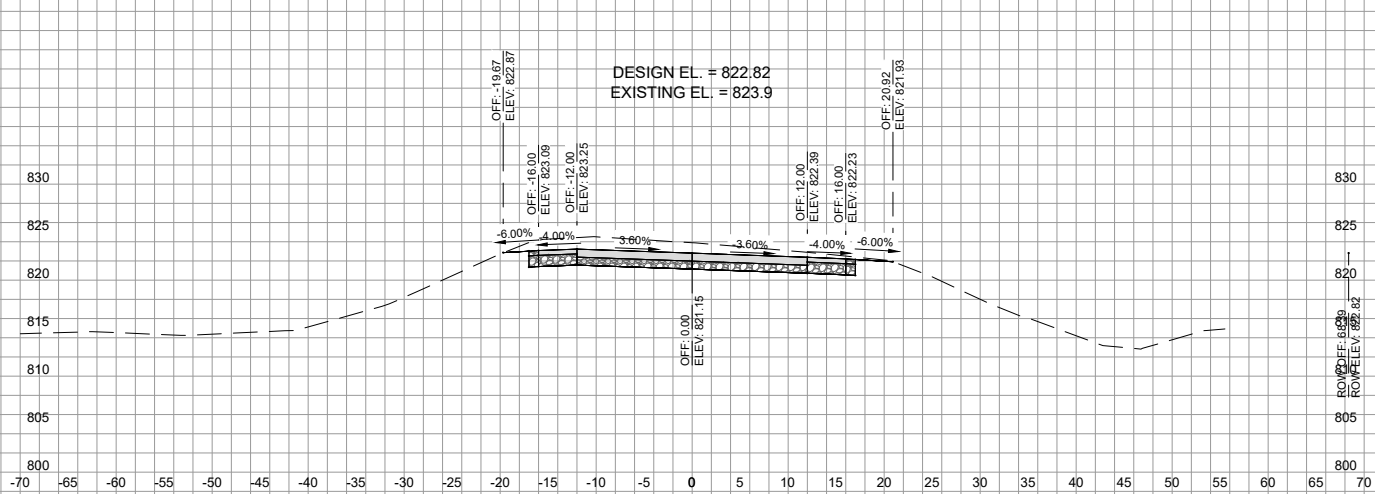


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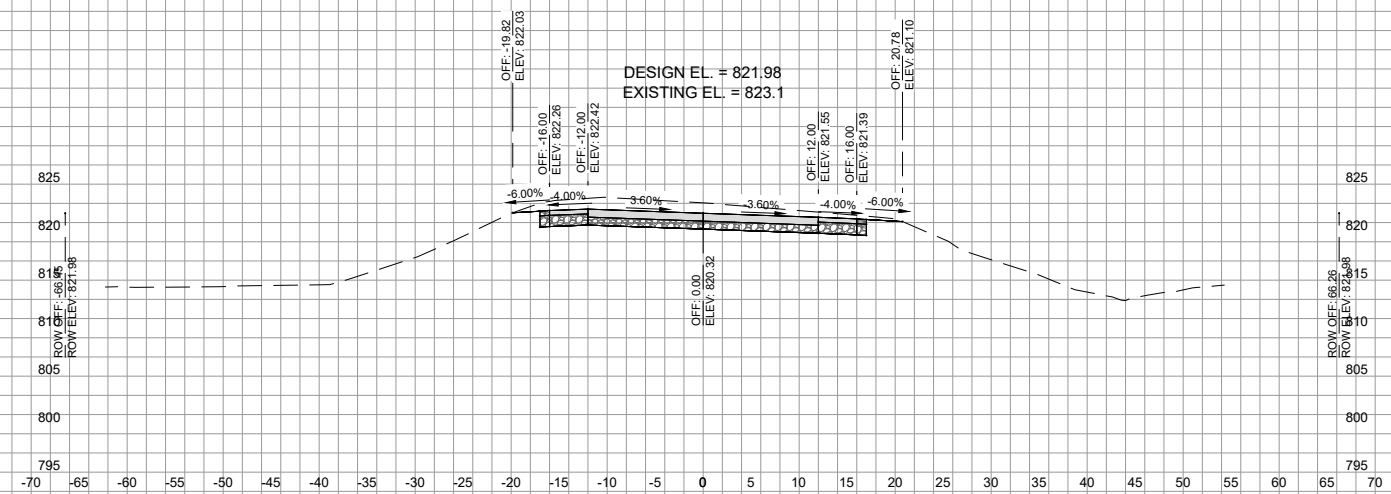
PCC PAVEMENT-REPLACE IA 136
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CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

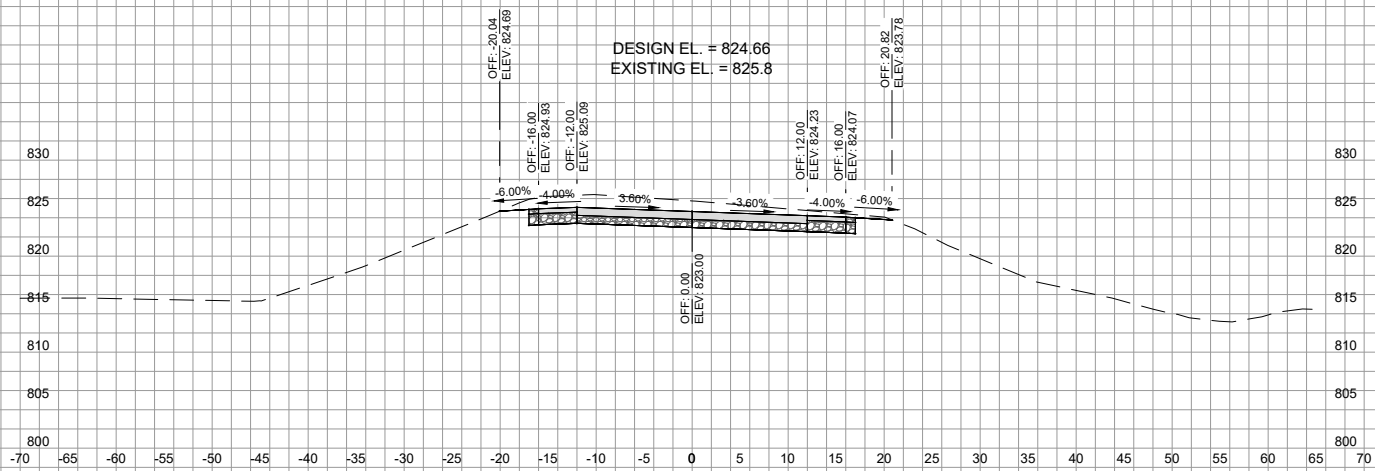
PROJECT NO:
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SHEET
W.5



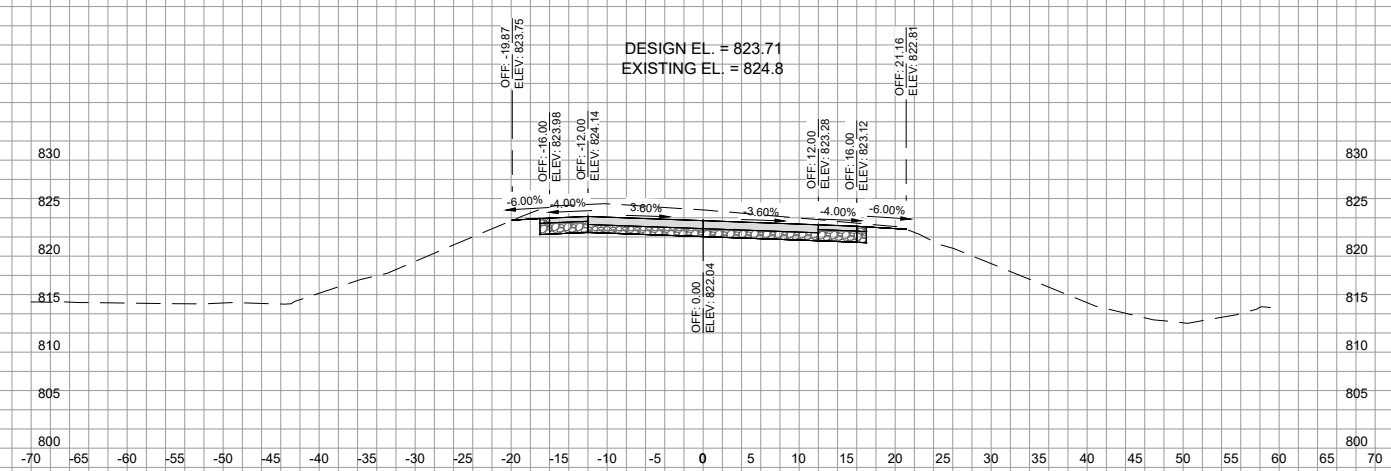
STA.= 419+50



STA.= 419+75



STA.= 419+00



STA.= 419+25

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PLOT DATE: ---, G:\00\00447\00447040\CADD\Construction Documents\00447040 Prelim W Sheets.dwg					

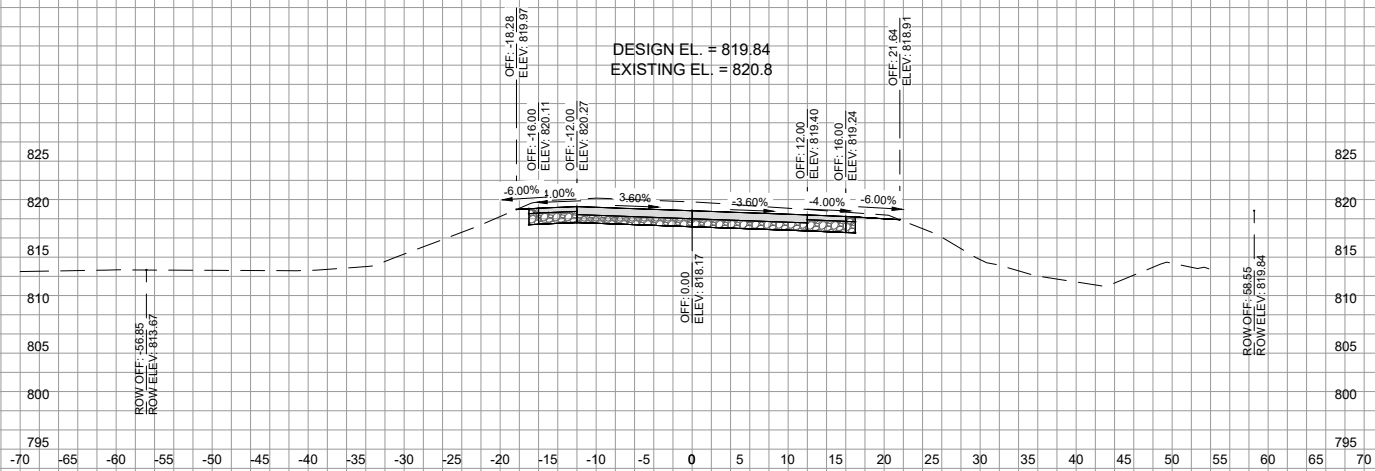


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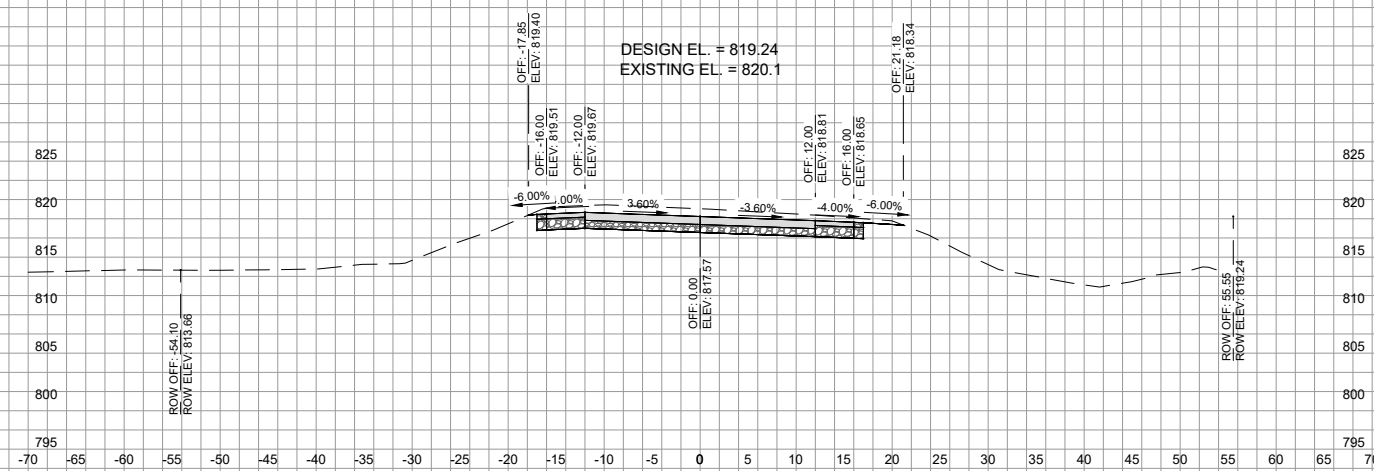
PCC PAVEMENT-REPLACE IA 136
CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

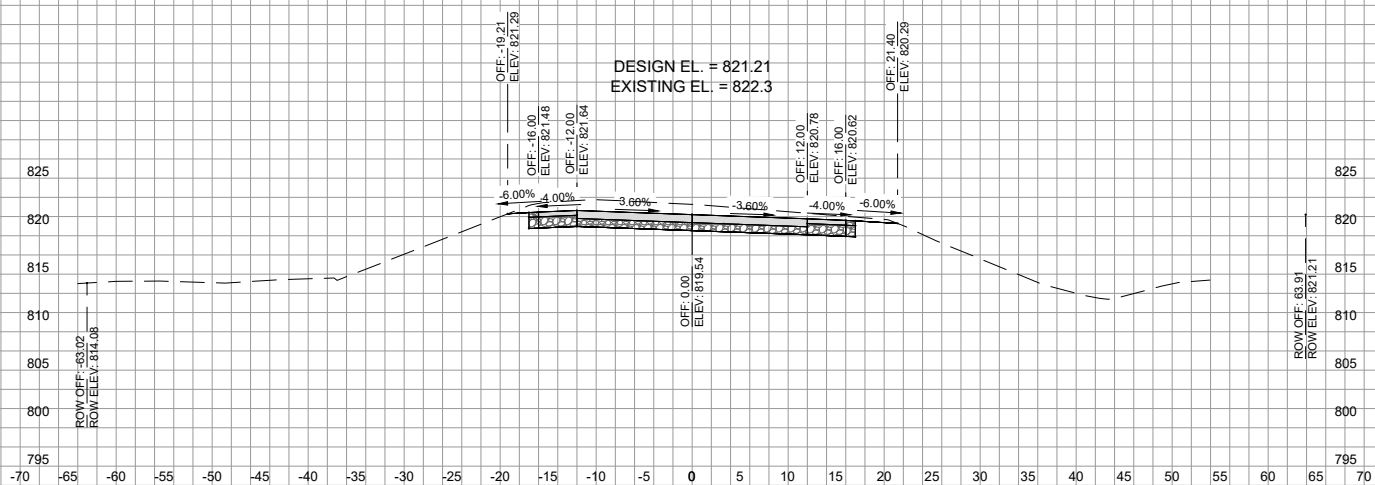
PROJECT NO:
00447040
SHEET
W.6



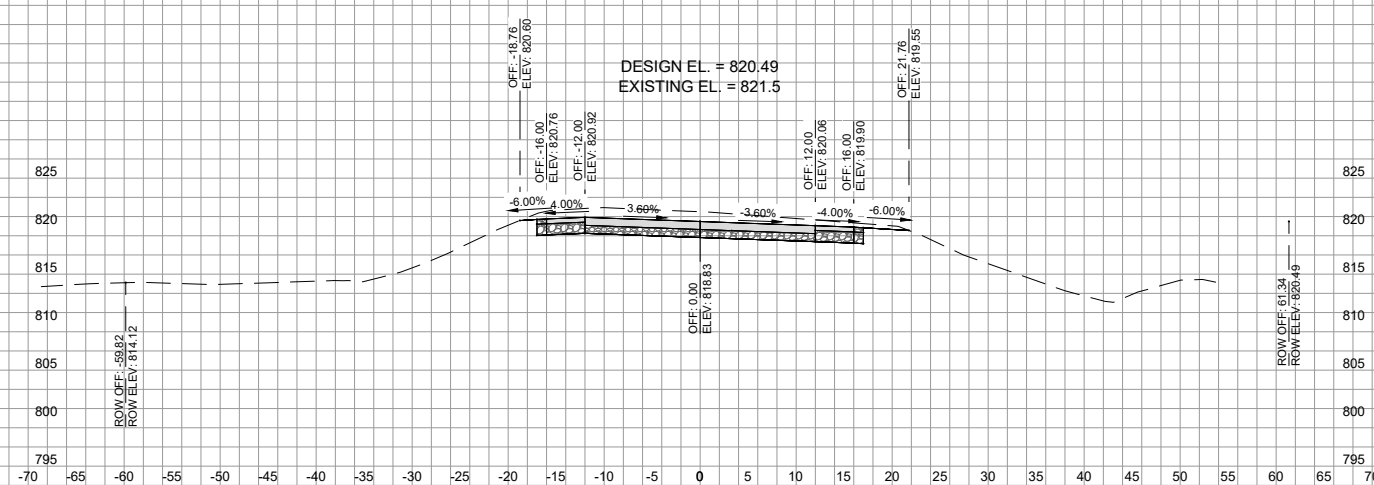
STA.= 420+50



STA.= 420+75



STA.= 420+00



STA.= 420+25

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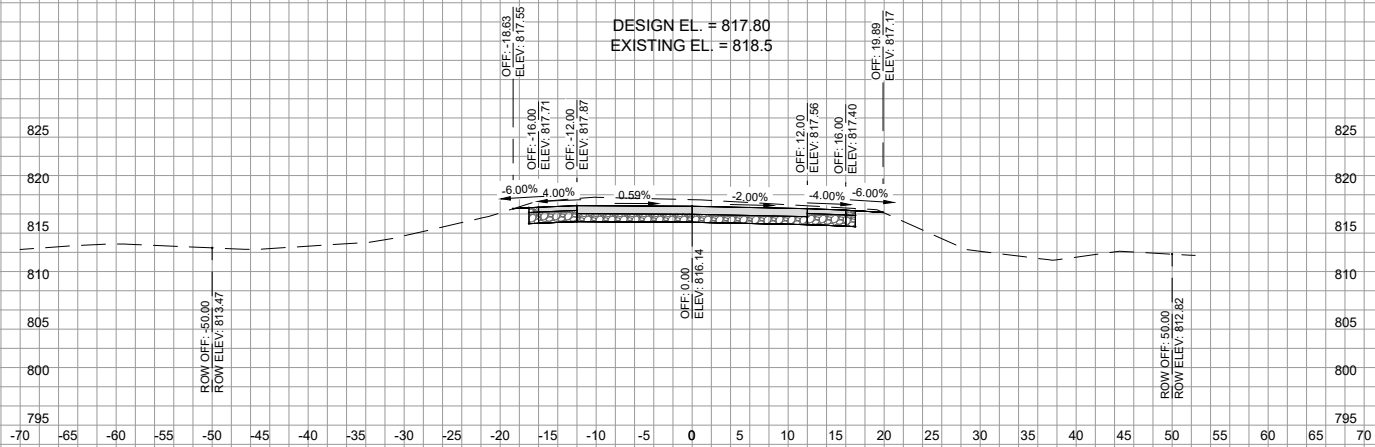


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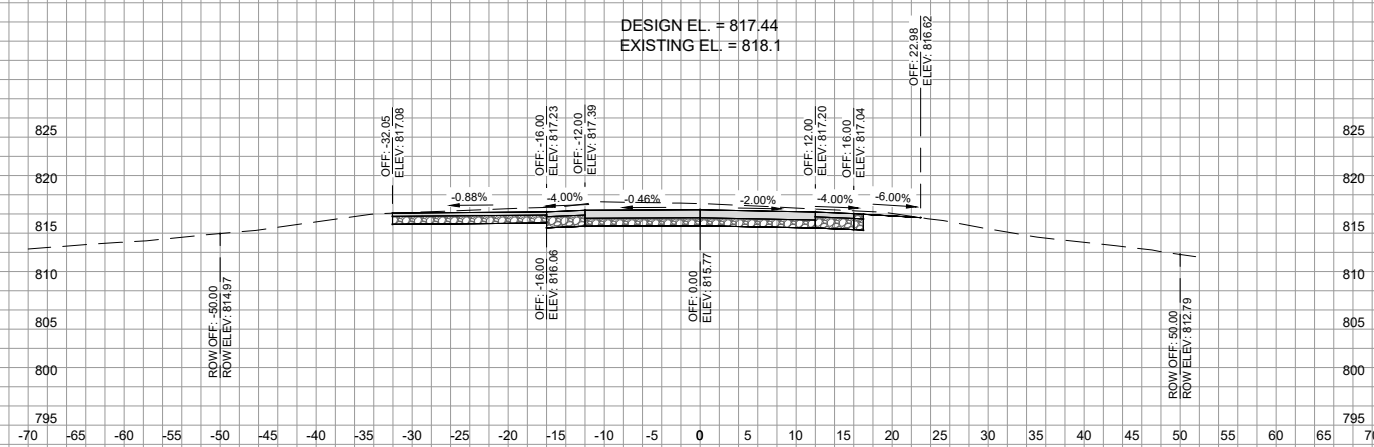
PCC PAVEMENT-REPLACE IA 136
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CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

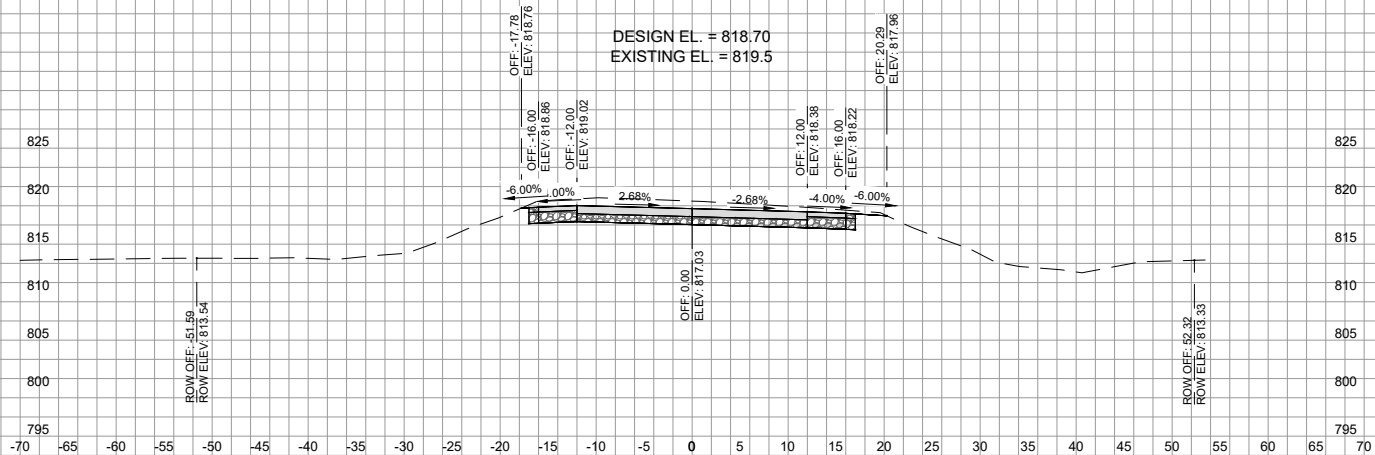
PROJECT NO:
00447040
SHEET
W.7



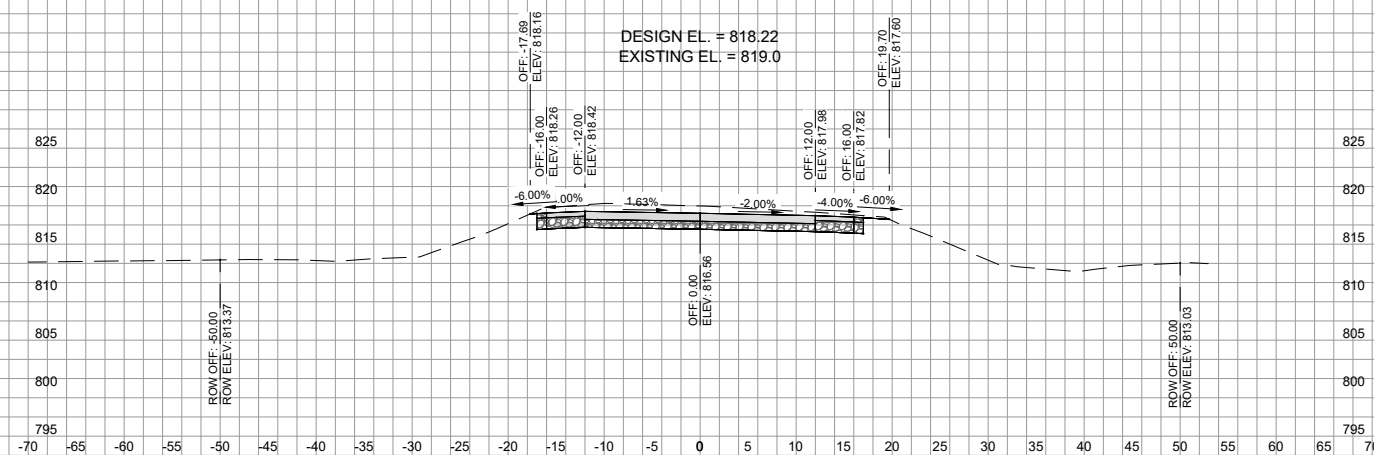
STA.= 421+50



STA.= 421+75



STA.= 421+00



STA.= 421+25

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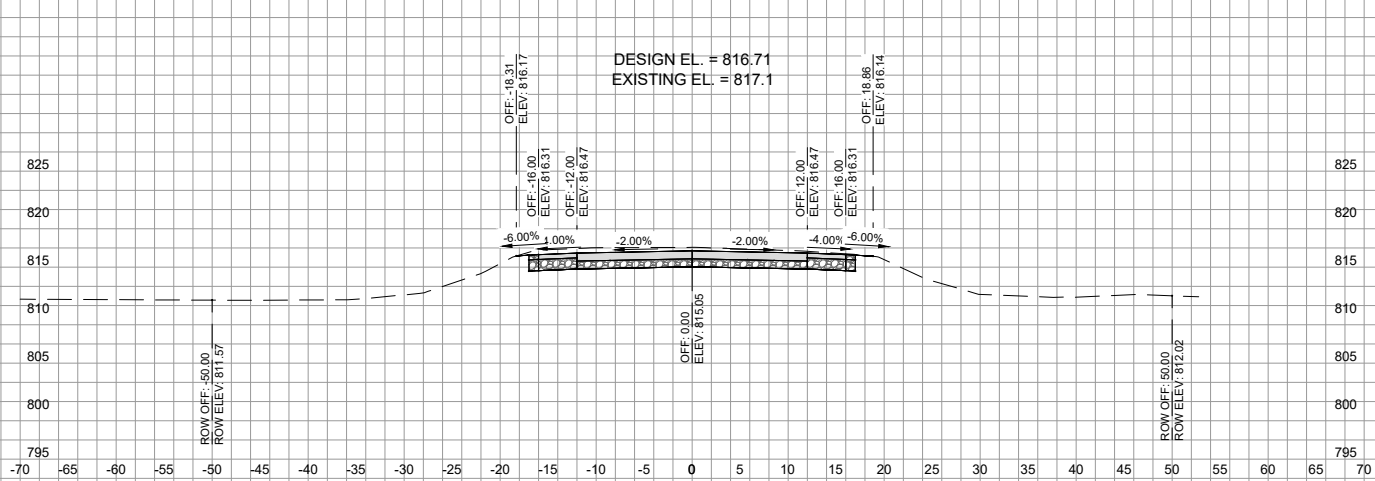


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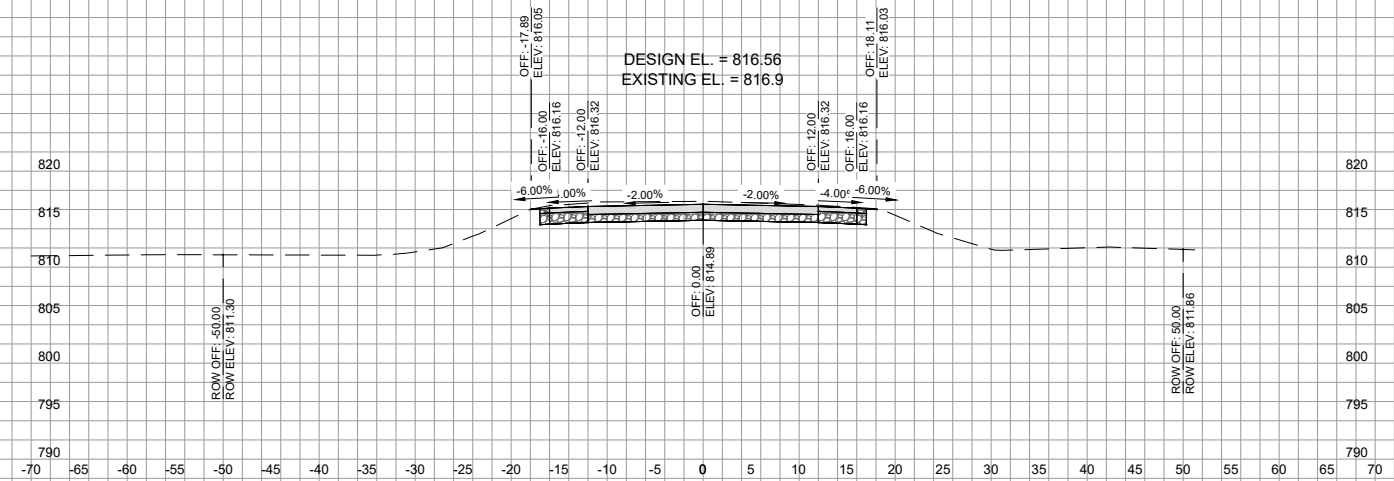
PCC PAVEMENT-REPLACE IA 136
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IA 136 - CROSS SECTIONS

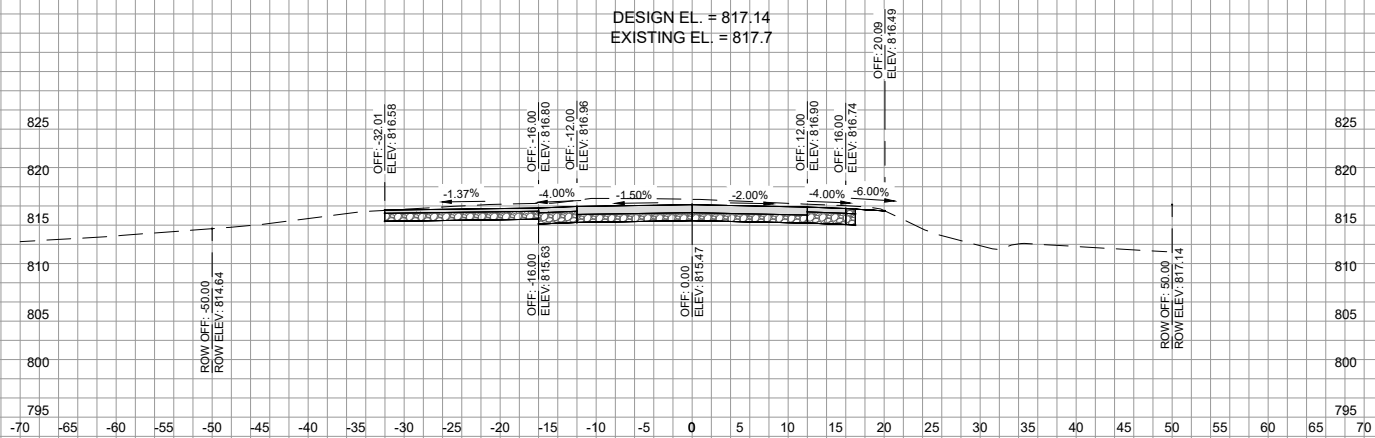
PROJECT NO:
00447040
SHEET
W.8



STA.= 422+50



STA.= 422+75



STA.= 422+00



STA.= 422+25

PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
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PLOT DATE: ---, G:\00\00447\00447040\CADD\Construction Documents\00447040 Prelim W Sheets.dwg					

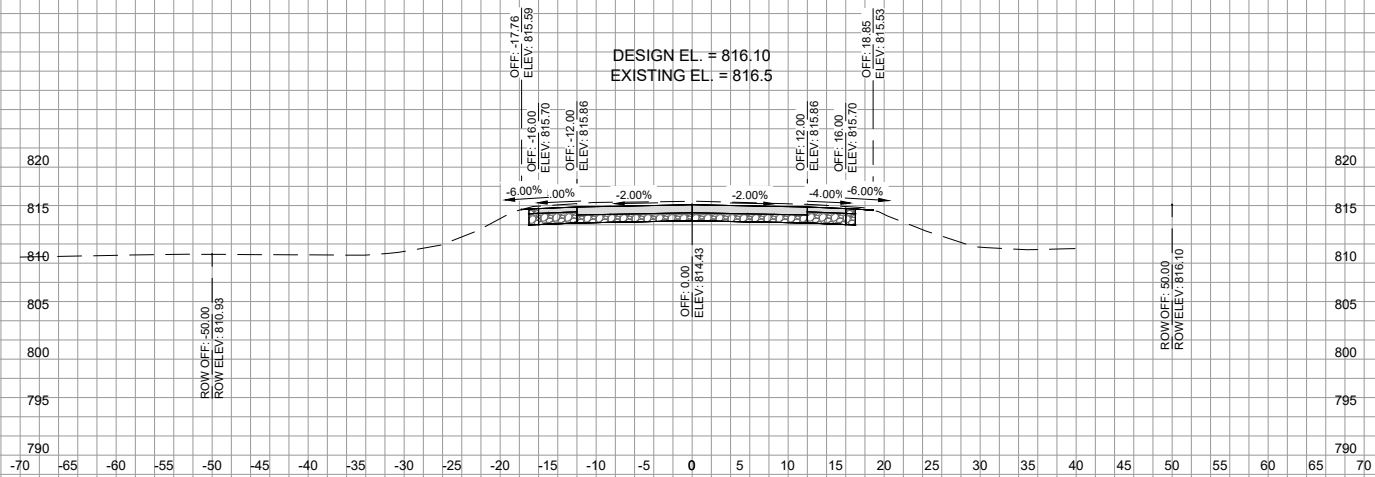


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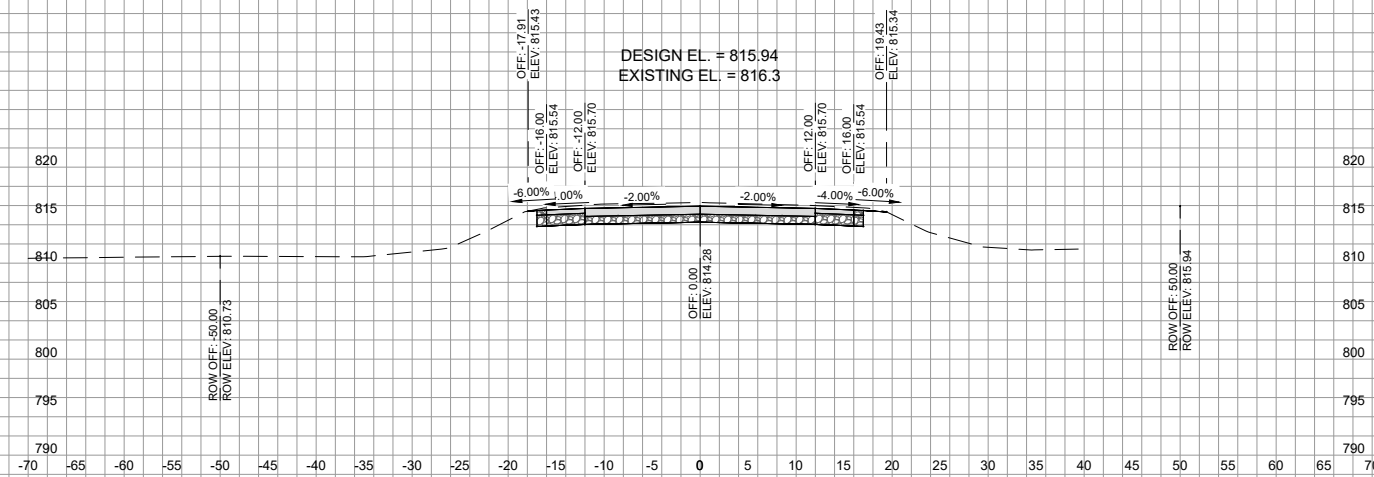
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CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

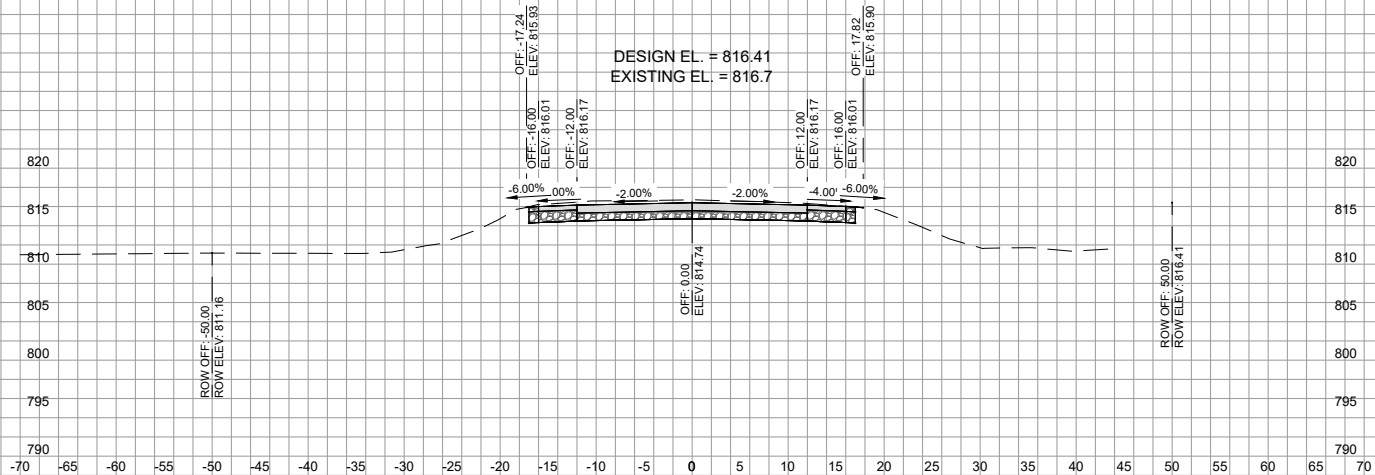
PROJECT NO:
00447040
SHEET
W.9



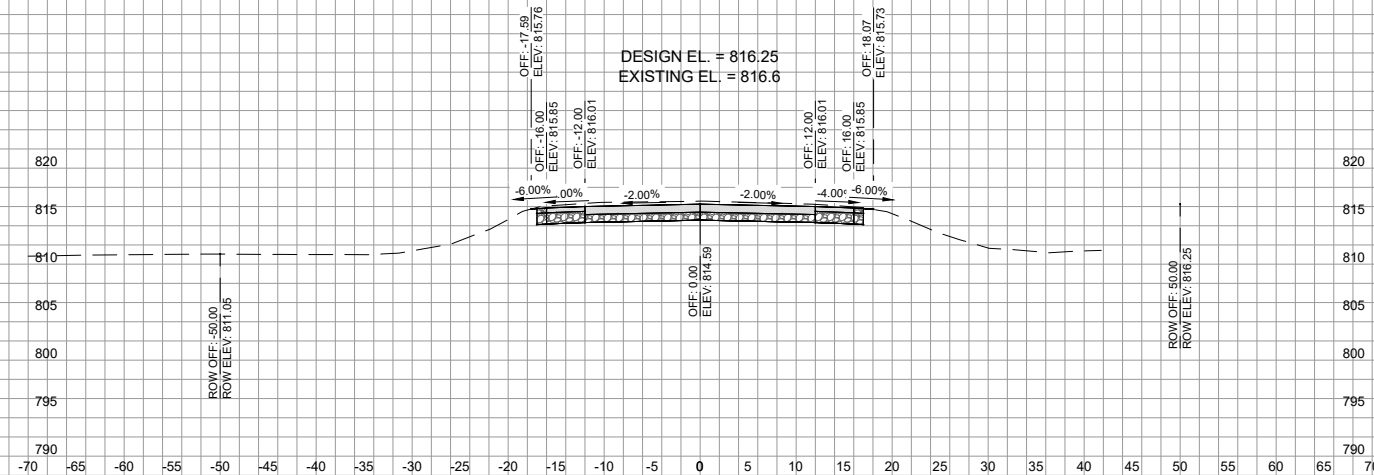
STA.= 423+50



STA.= 423+75



STA.= 423+00



STA.= 423+25

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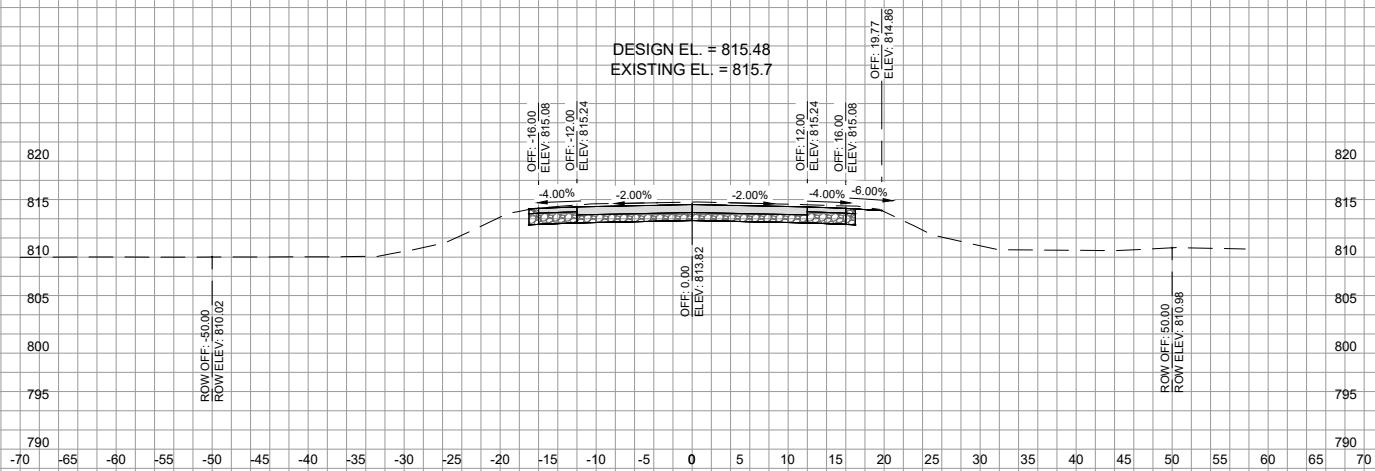


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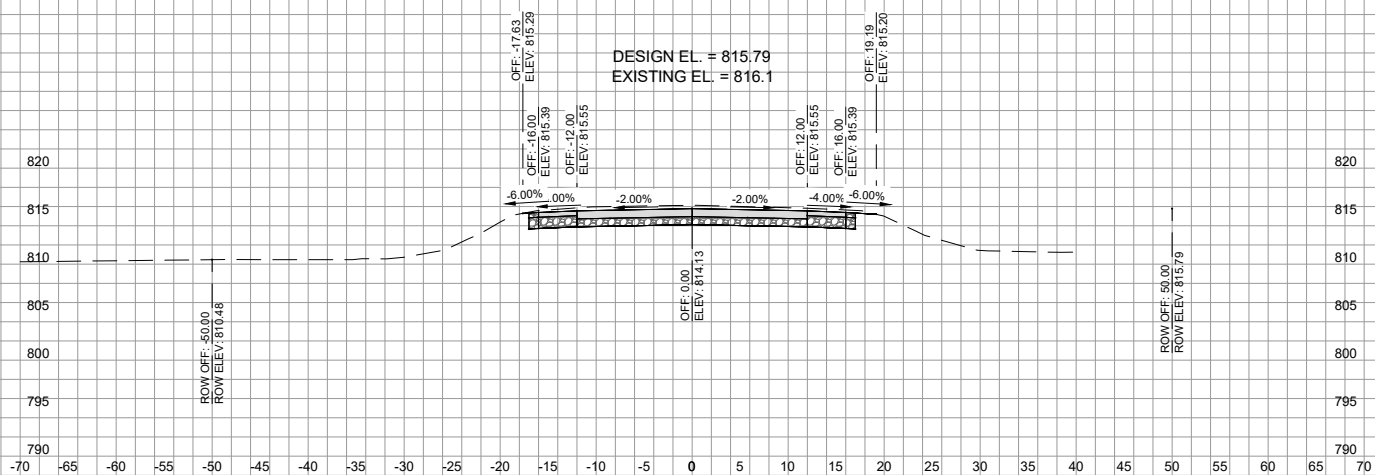
IA 136 - CROSS SECTIONS

PROJECT NO:
00447040
SHEET
W.10



STA.= 424+50

STA.= 424+75



STA.= 424+00

STA.= 424+25

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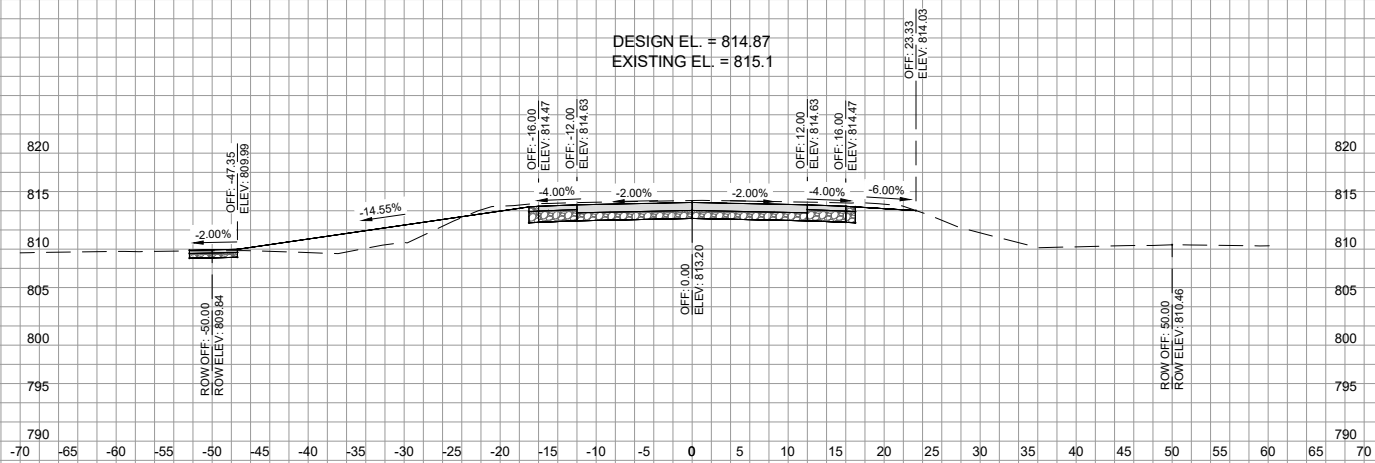


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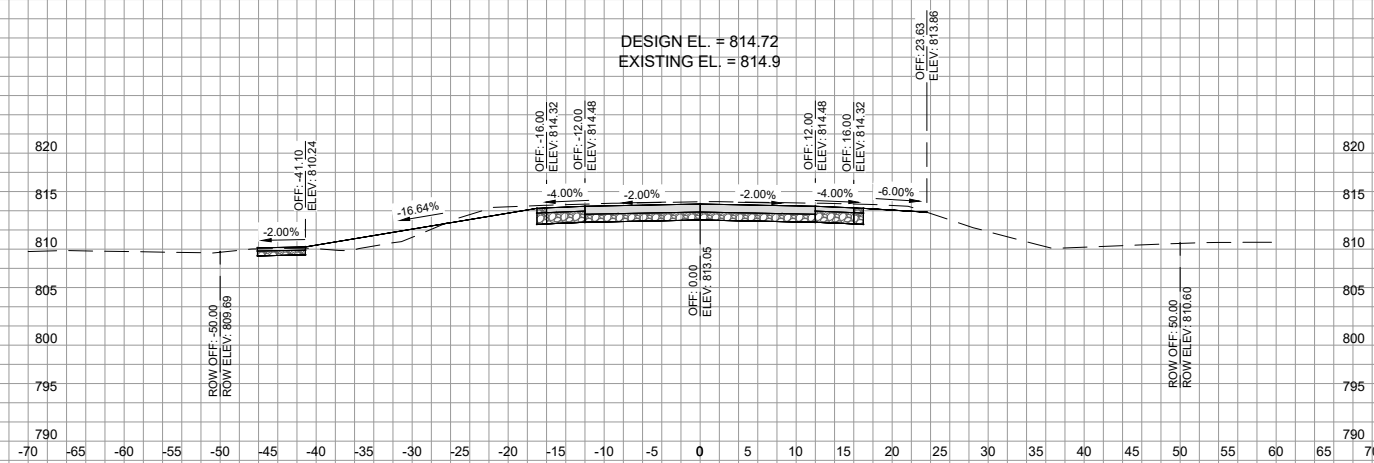
PCC PAVEMENT-REPLACE IA 136
CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

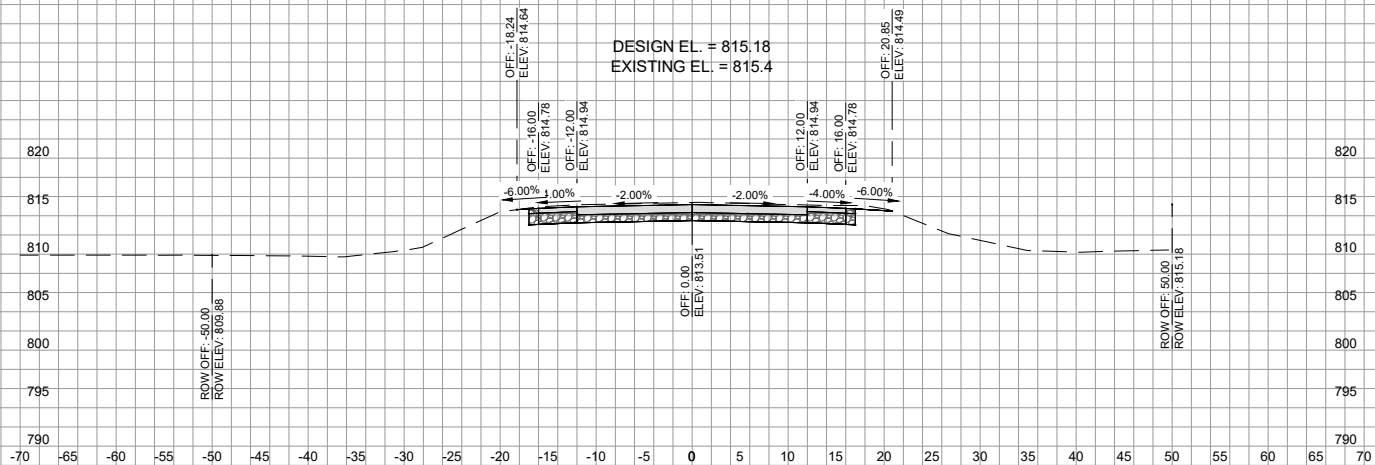
PROJECT NO:
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W.11



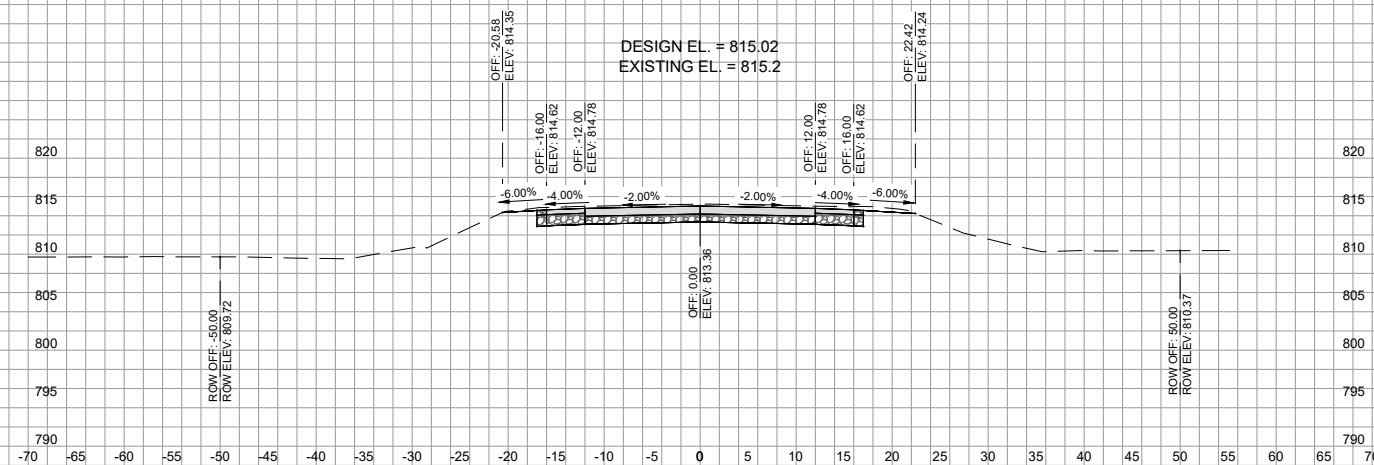
STA.= 425+50



STA.= 425+75



STA.= 425+00



STA.= 425+25

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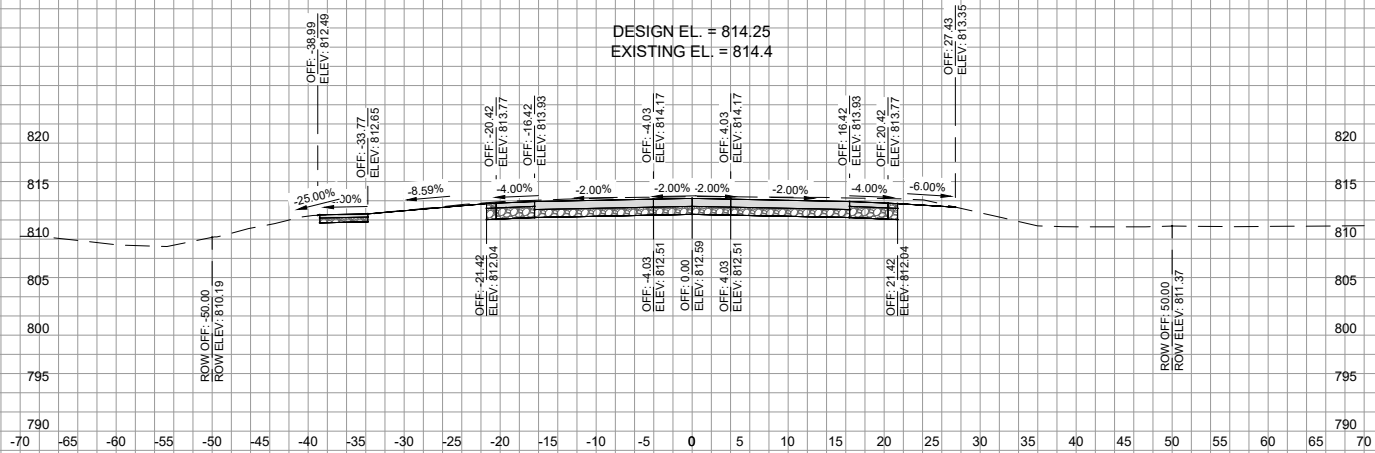


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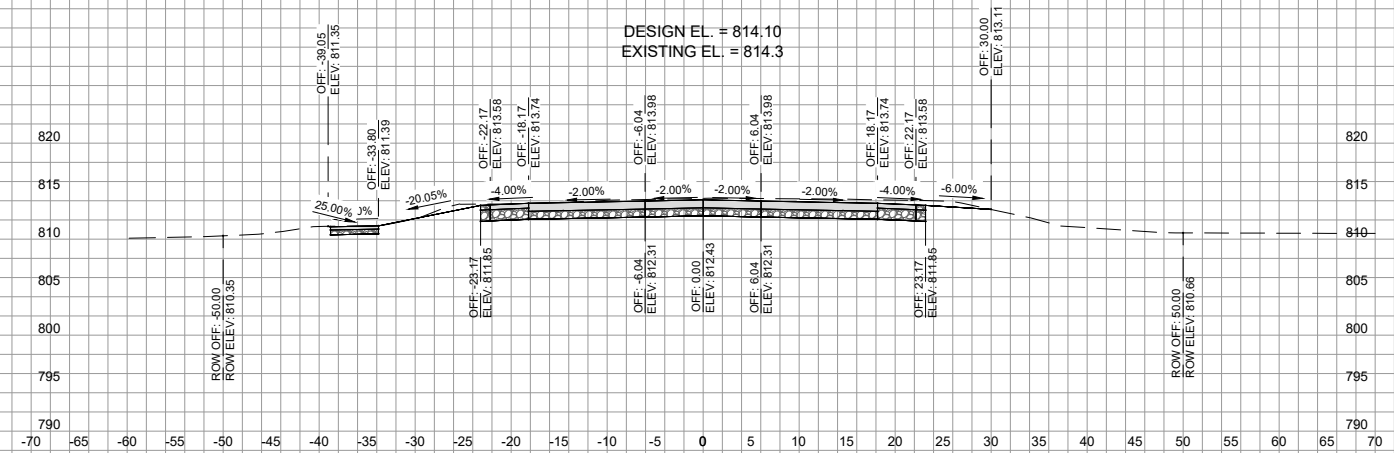
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CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

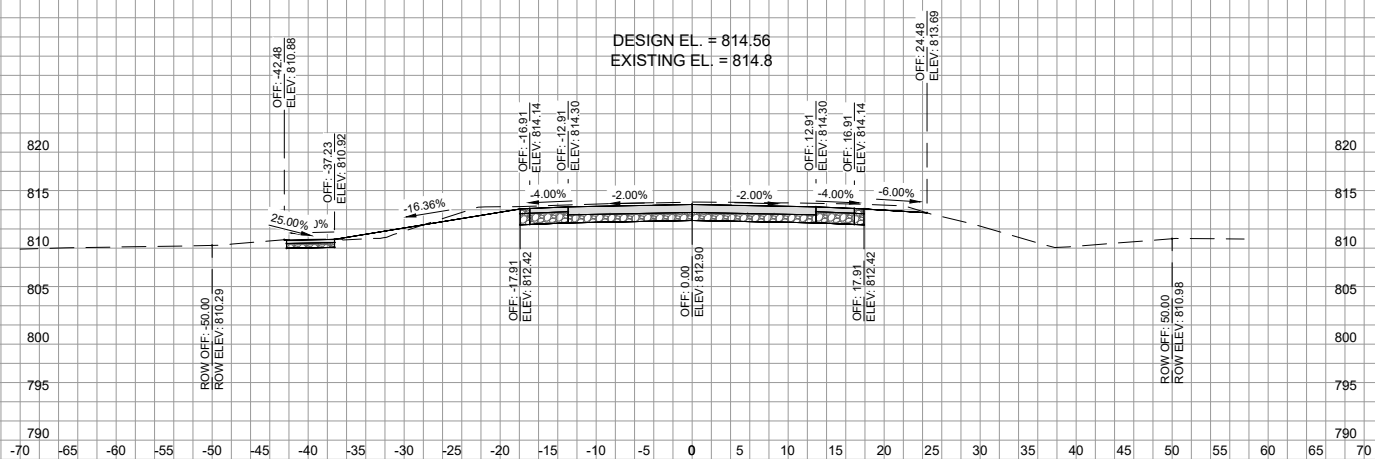
PROJECT NO:
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W.12



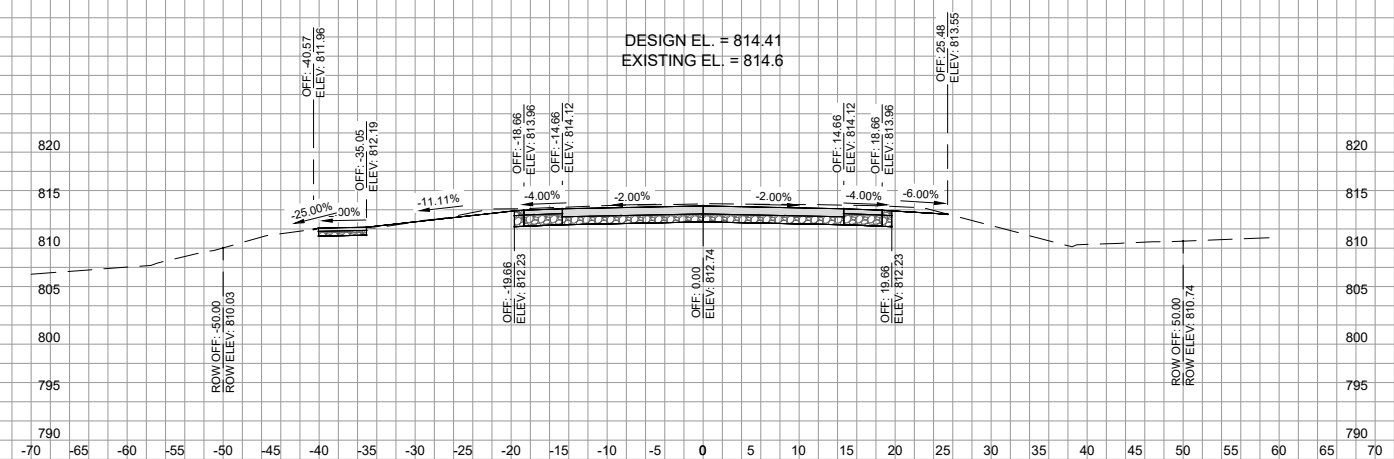
STA.= 426+50



STA.= 426+75



STA.= 426+00



STA.= 426+25

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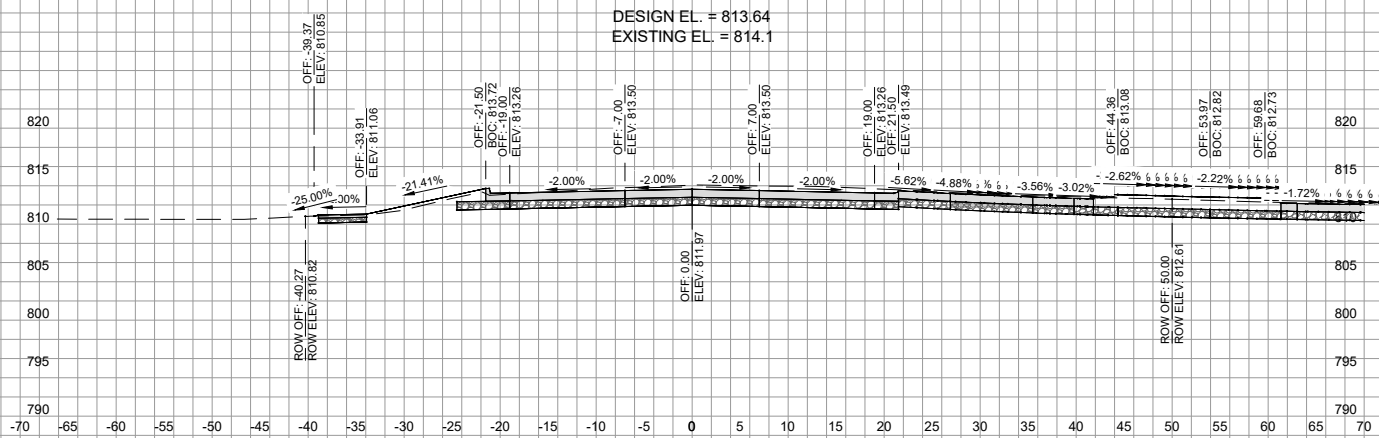


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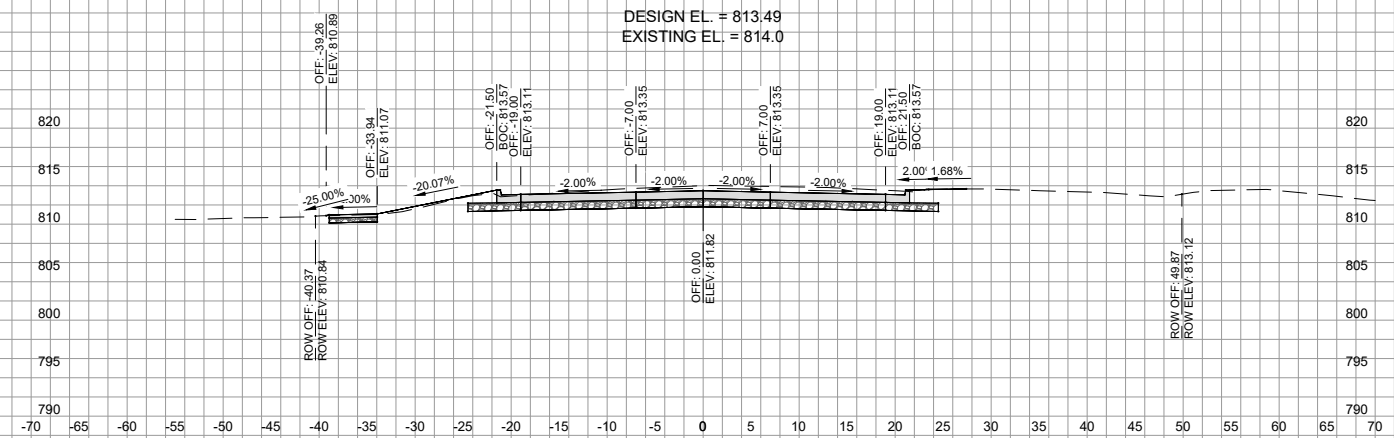
PCC PAVEMENT-REPLACE IA 136
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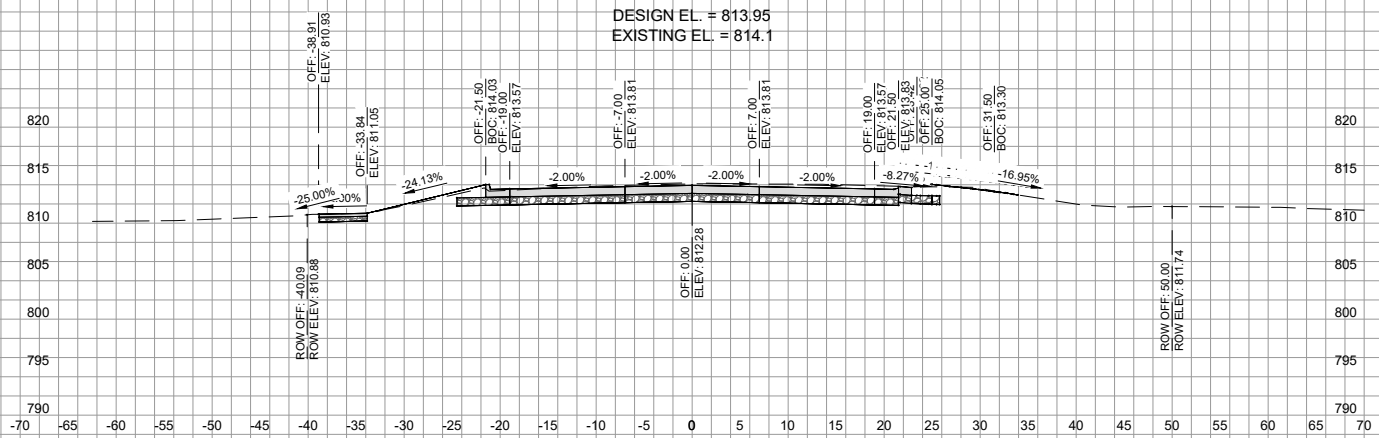
PROJECT NO:
00447040
SHEET
W.13



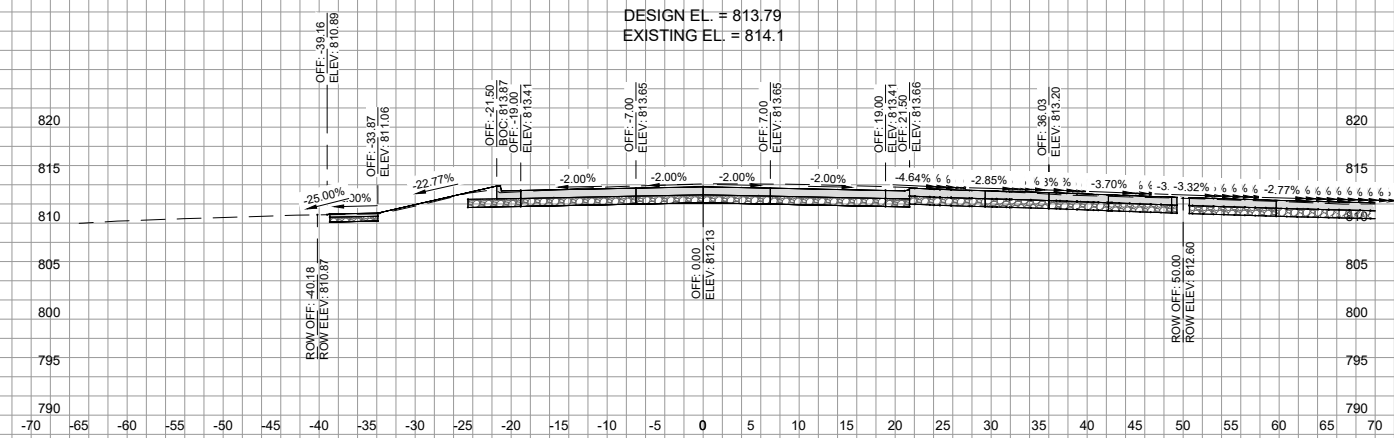
STA.= 427+50



STA.= 427+75



STA.= 427+00



STA.= 427+25

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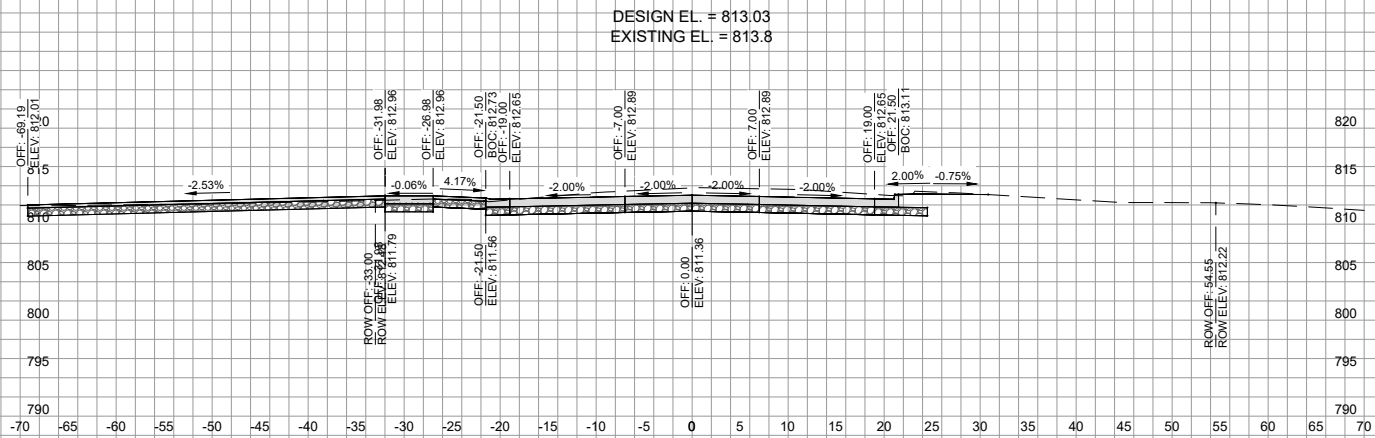


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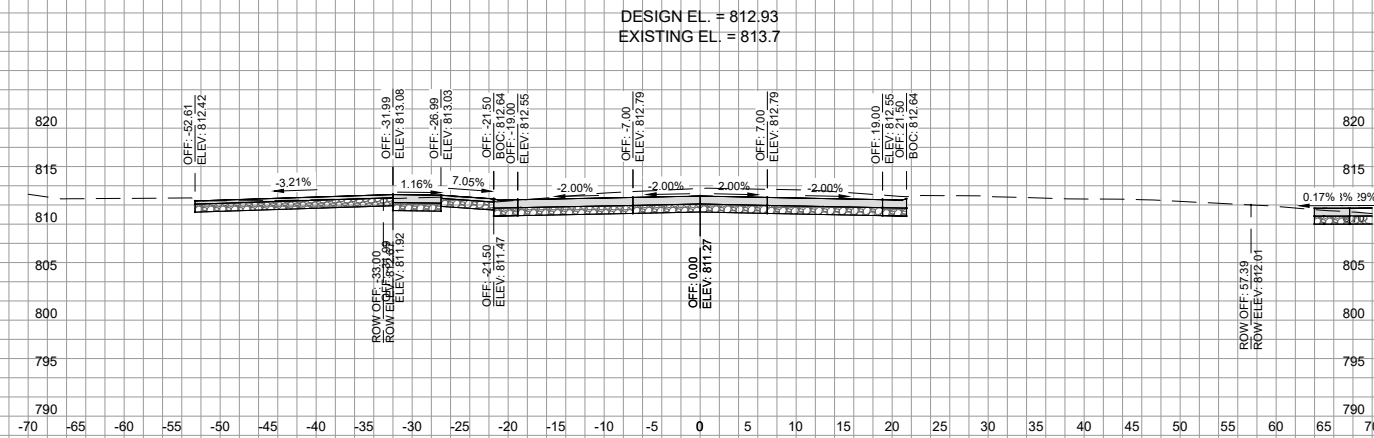
PCC PAVEMENT-REPLACE IA 136
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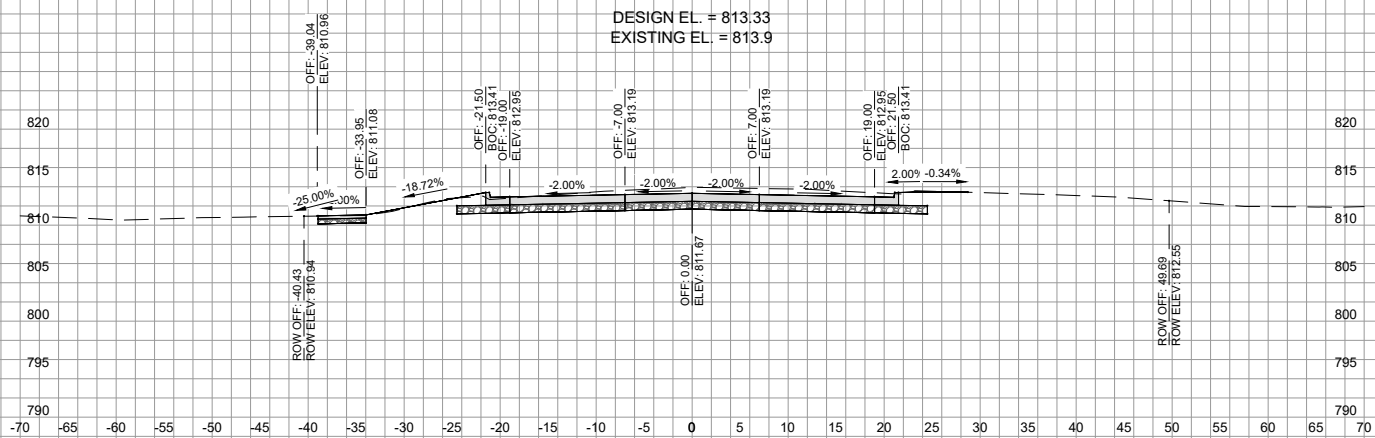
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SHEET
W.14



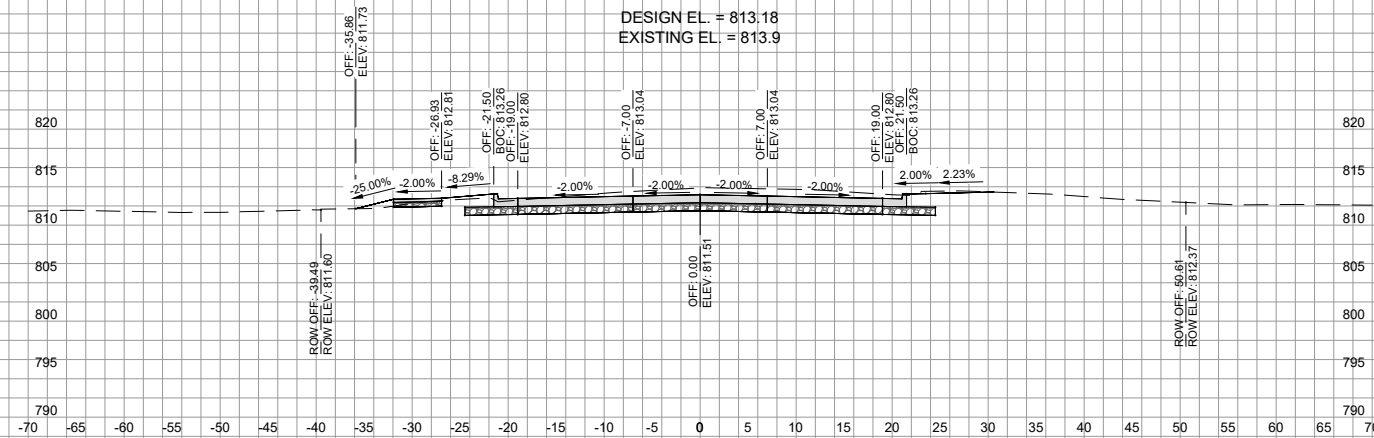
STA = 428+50



STA = 428+65.14



STA = 428+00



STA = 428+25

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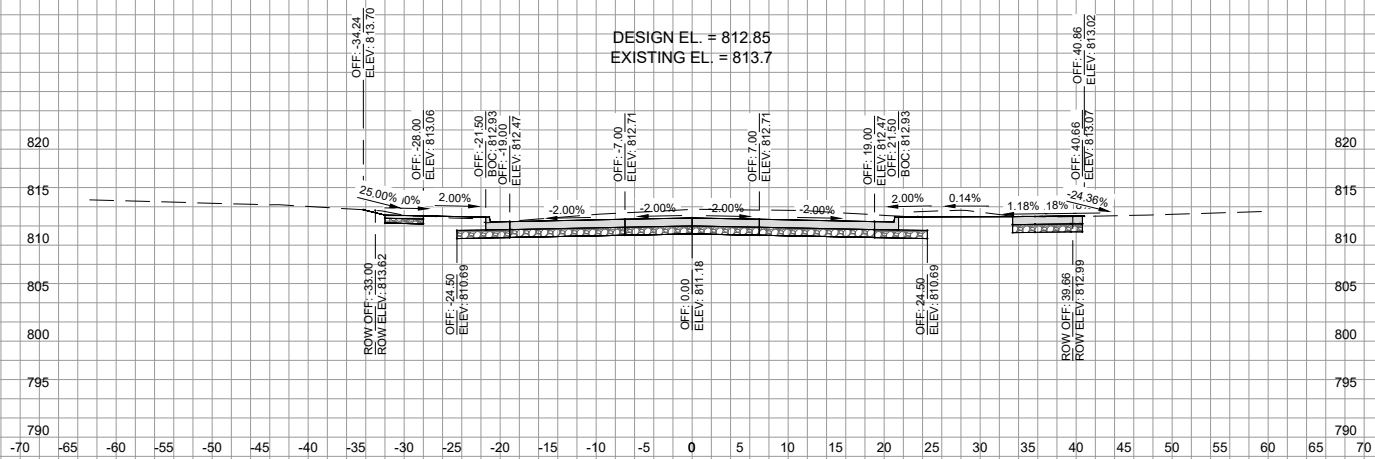


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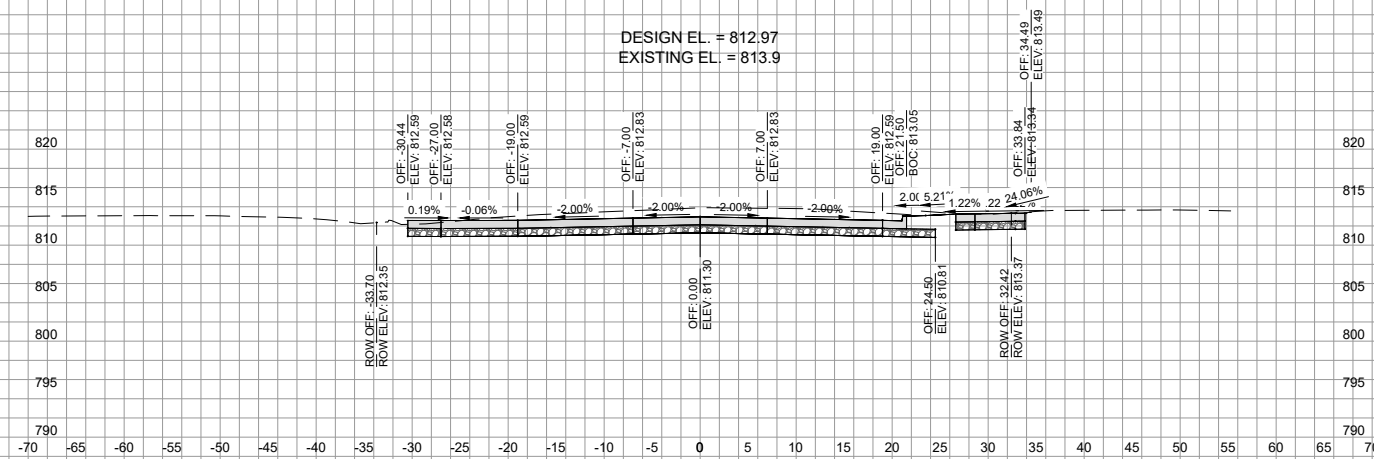
PROJECT NO:
00447040
SHEET
W.15



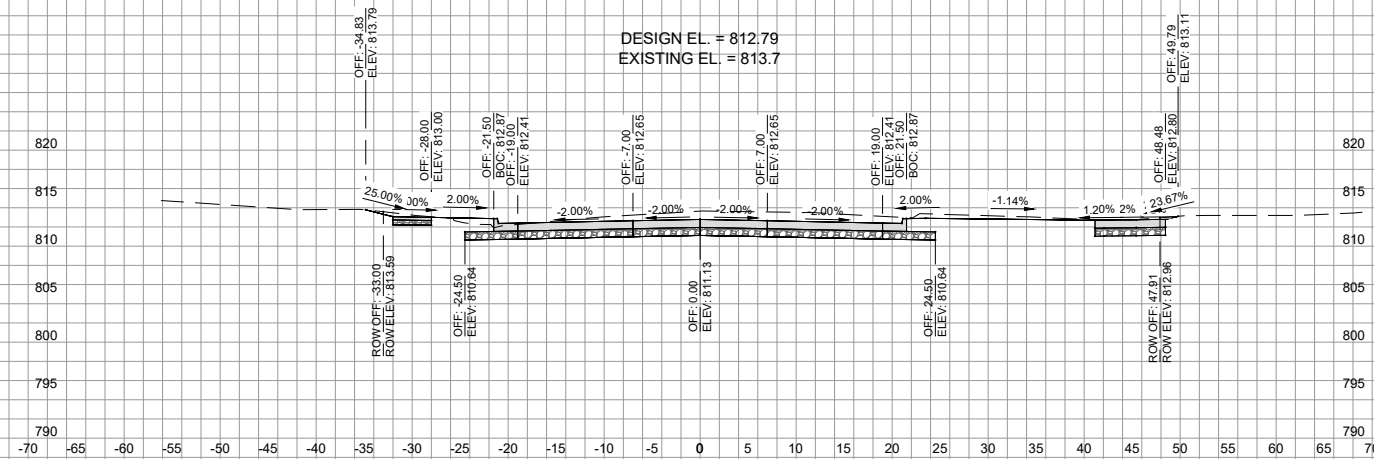
STA = 429+50



STA = 429+00



STA = 429+75



STA = 429+25

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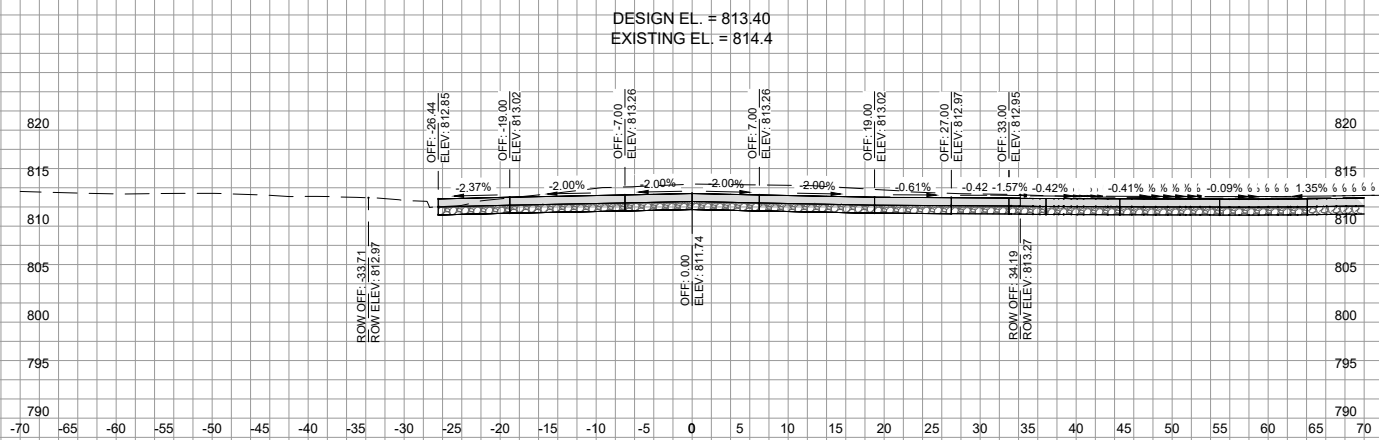


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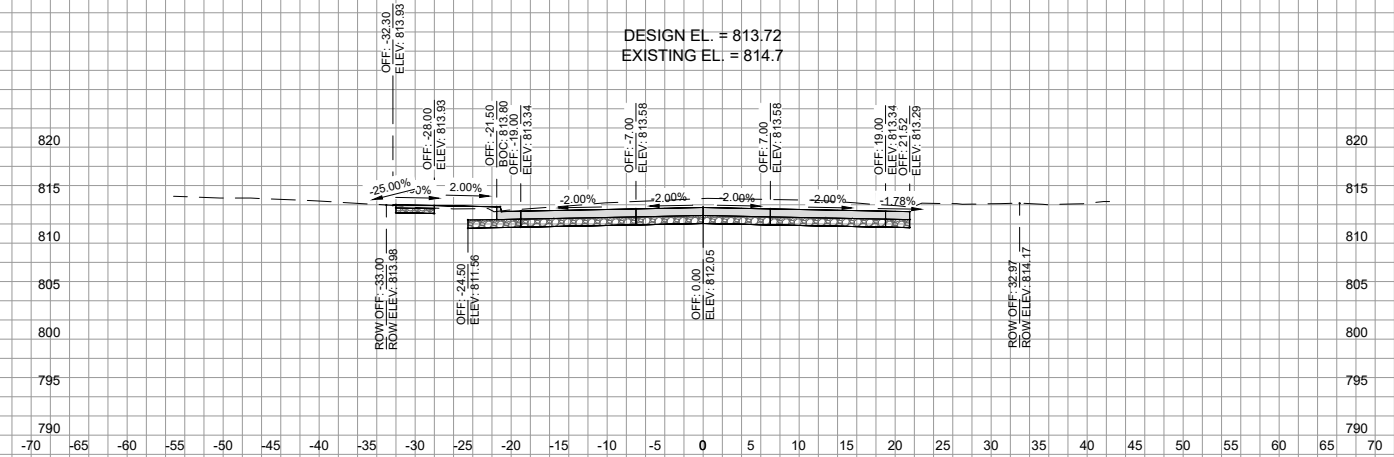
PCC PAVEMENT-REPLACE IA 136
CITY OF CASCADE
CITY OF CASCADE, IOWA

IA 136 - CROSS SECTIONS

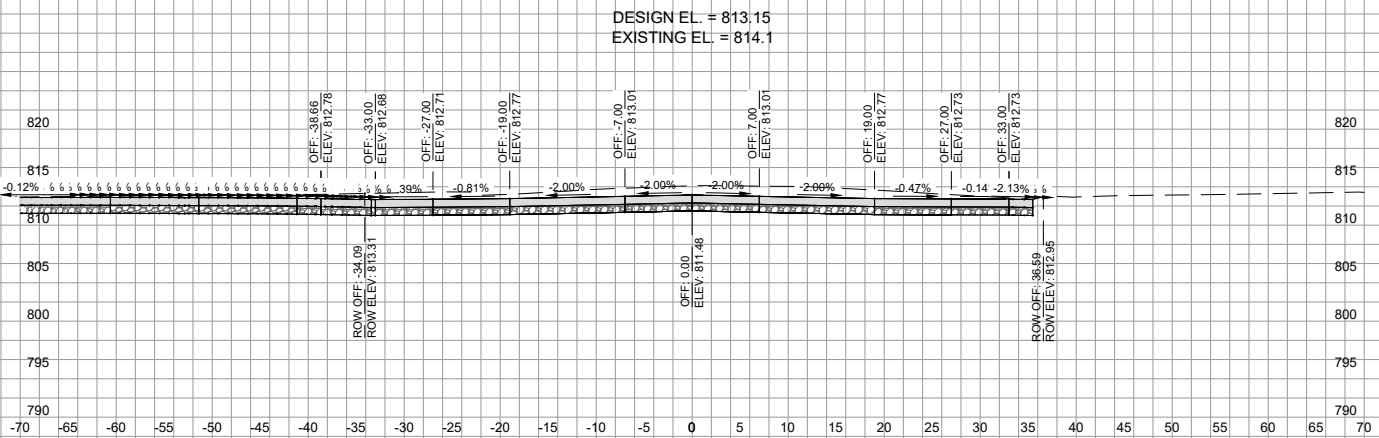
PROJECT NO:
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W.16



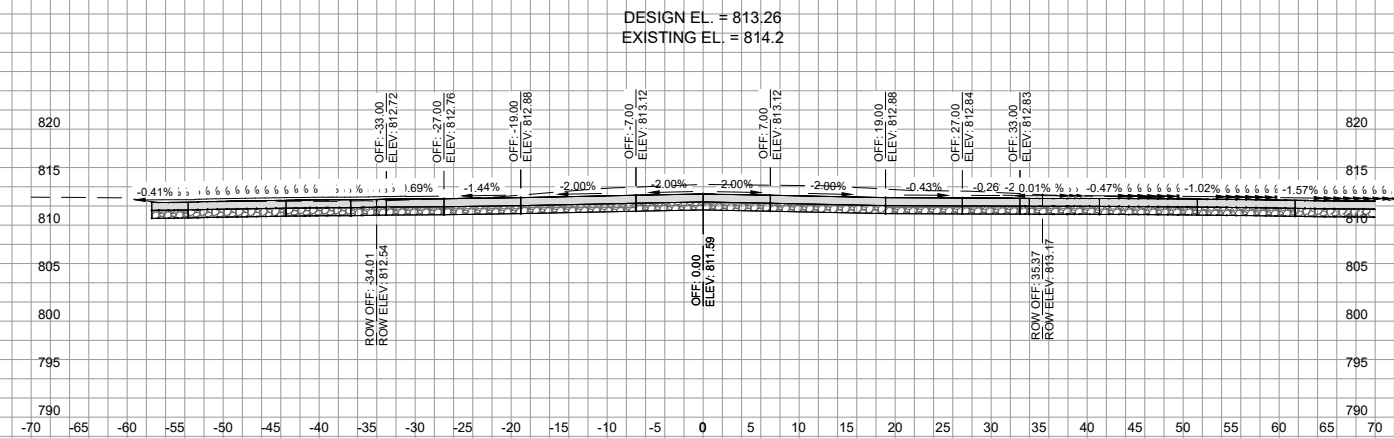
STA = 430+25



STA = 430+50



STA = 430+00



STA = 430+11.62

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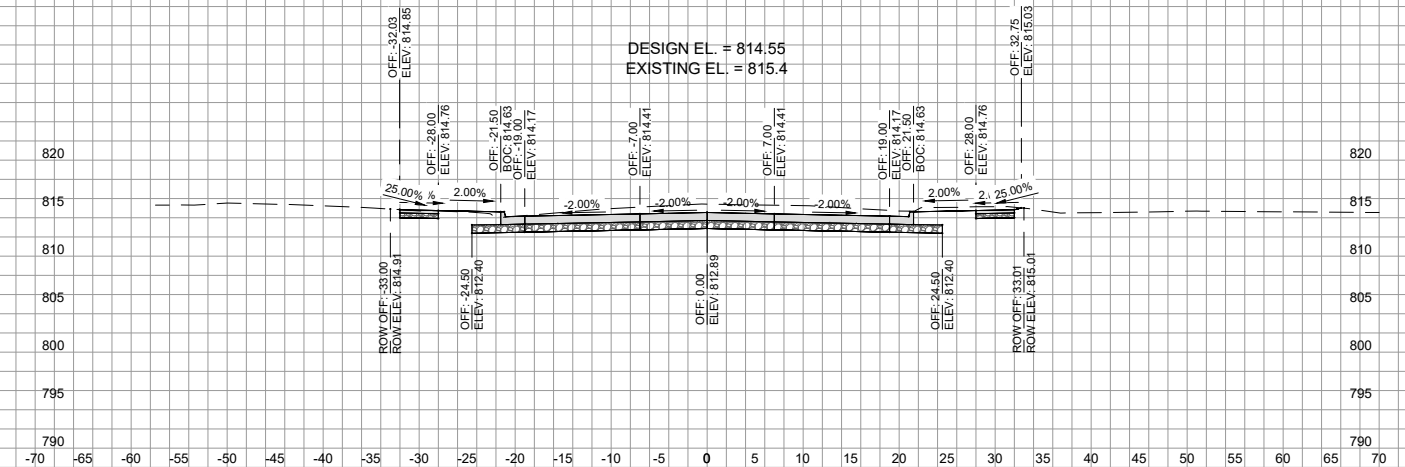
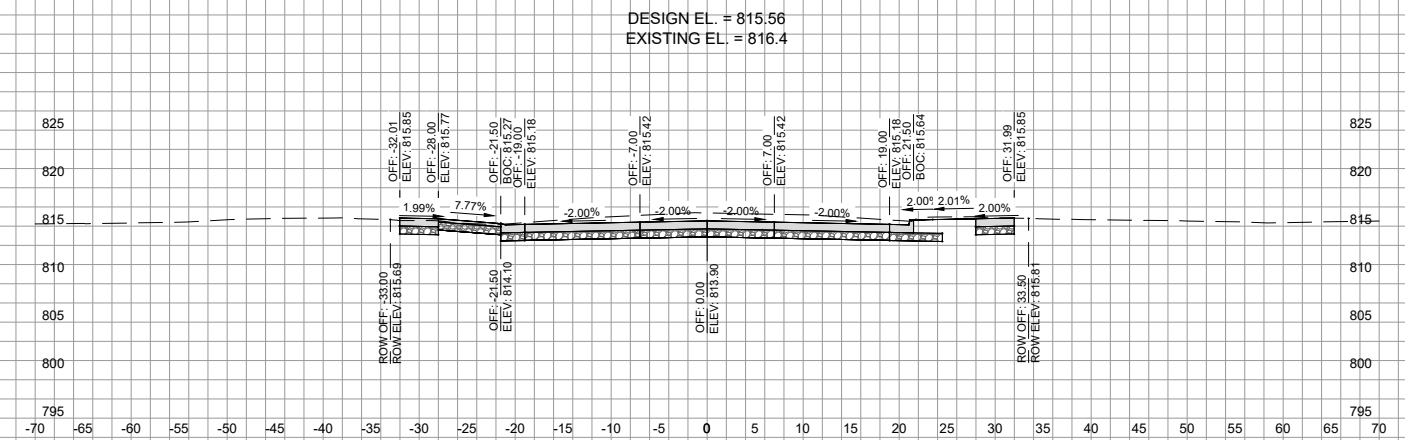
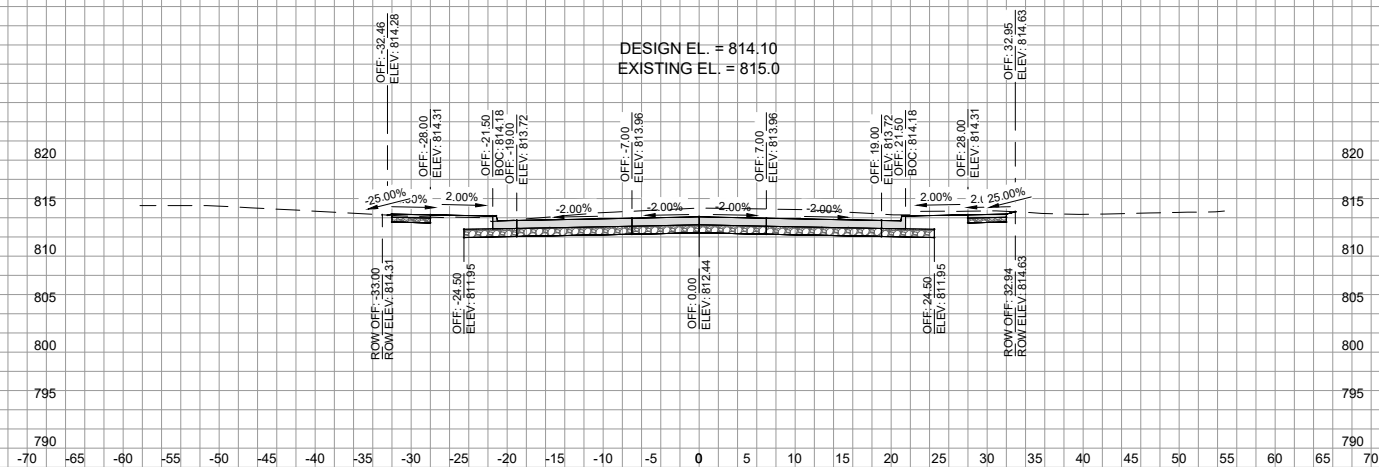
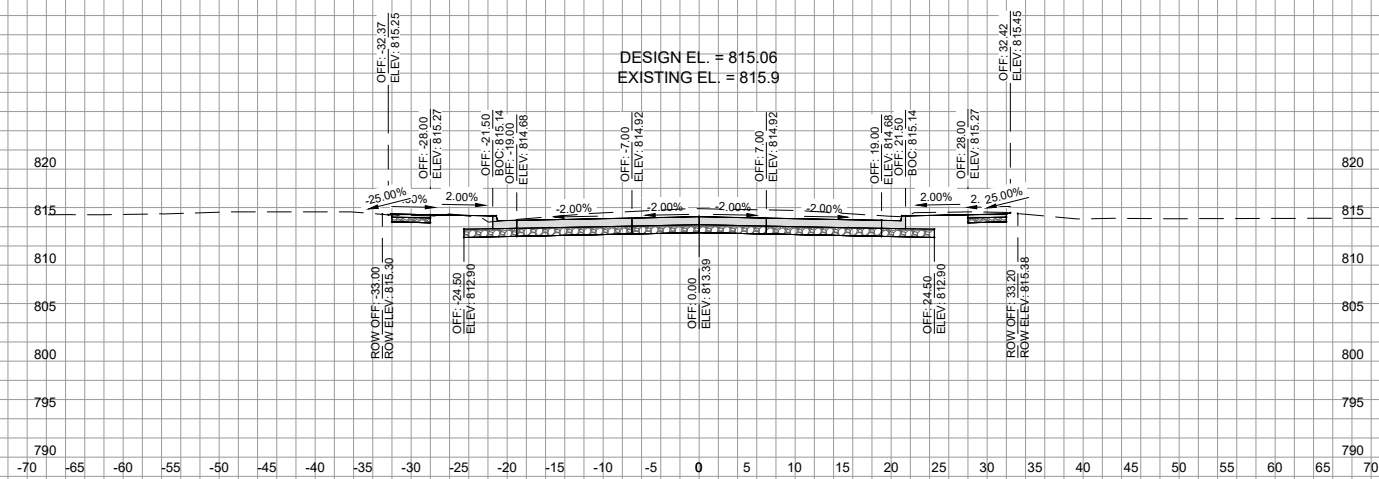


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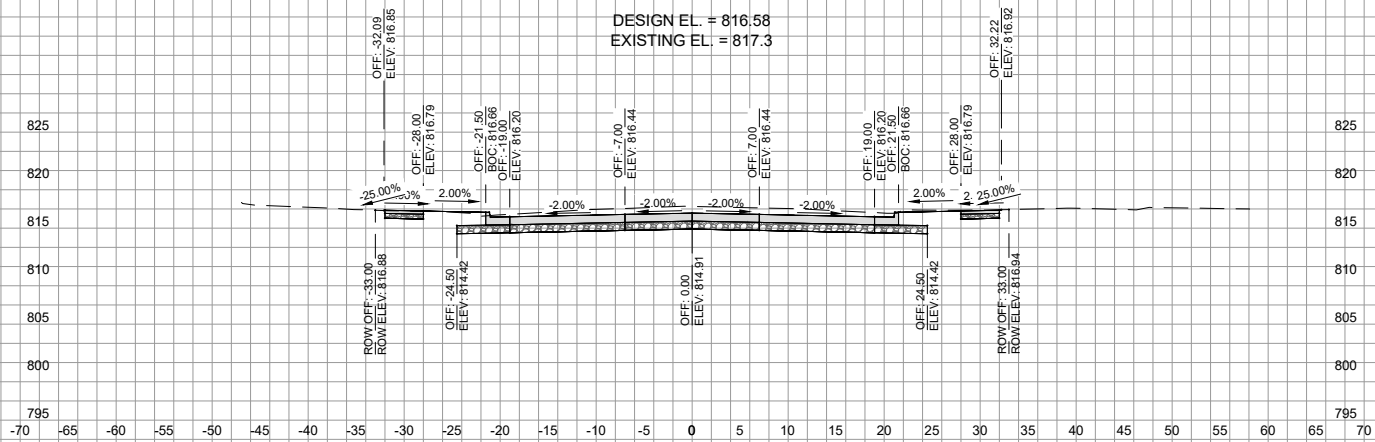
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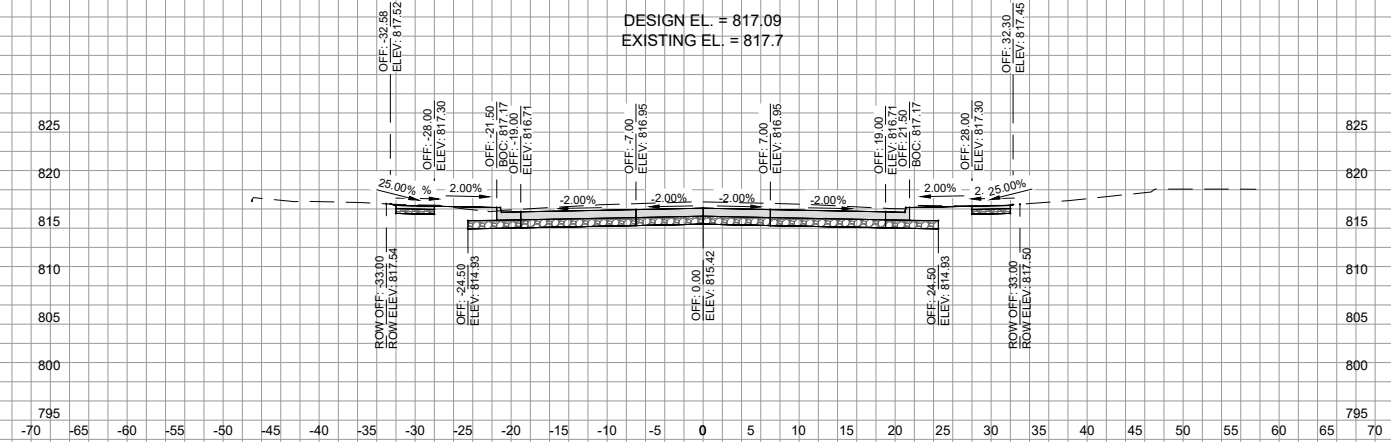
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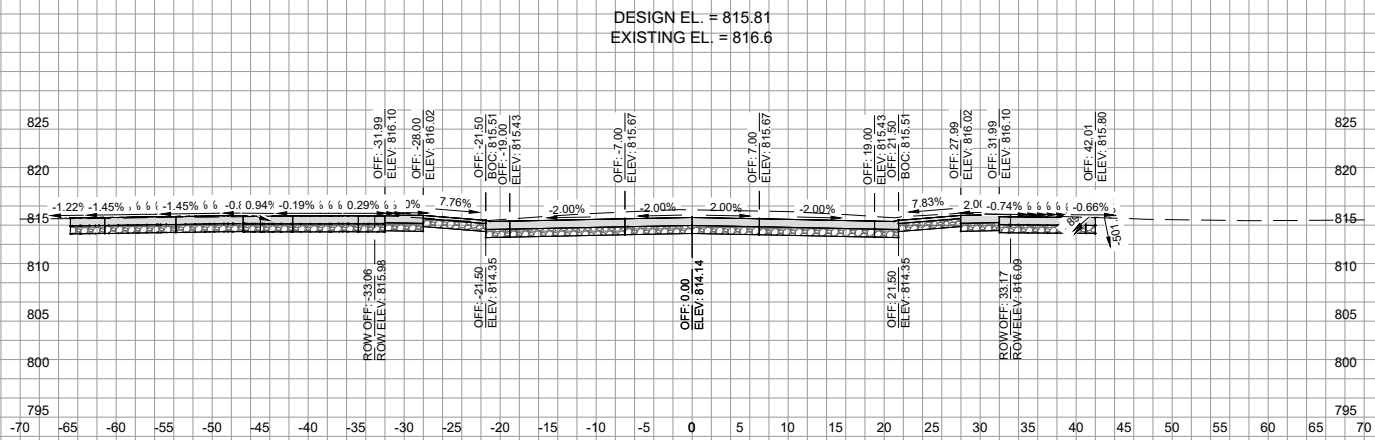
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W.18



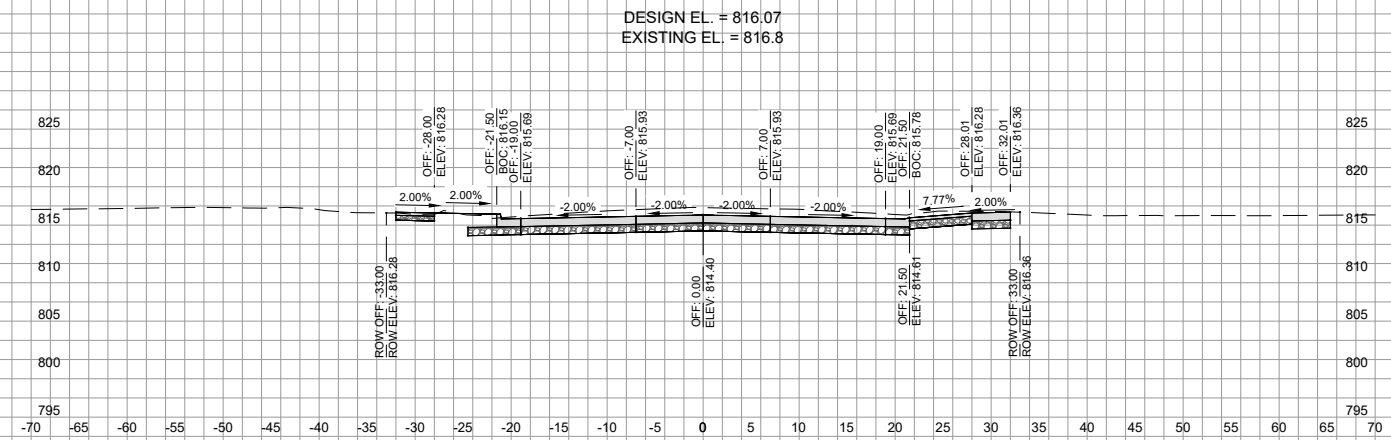
STA.= 432+00



STA.= 432+25



STA.= 431+62.11



STA.= 431+75

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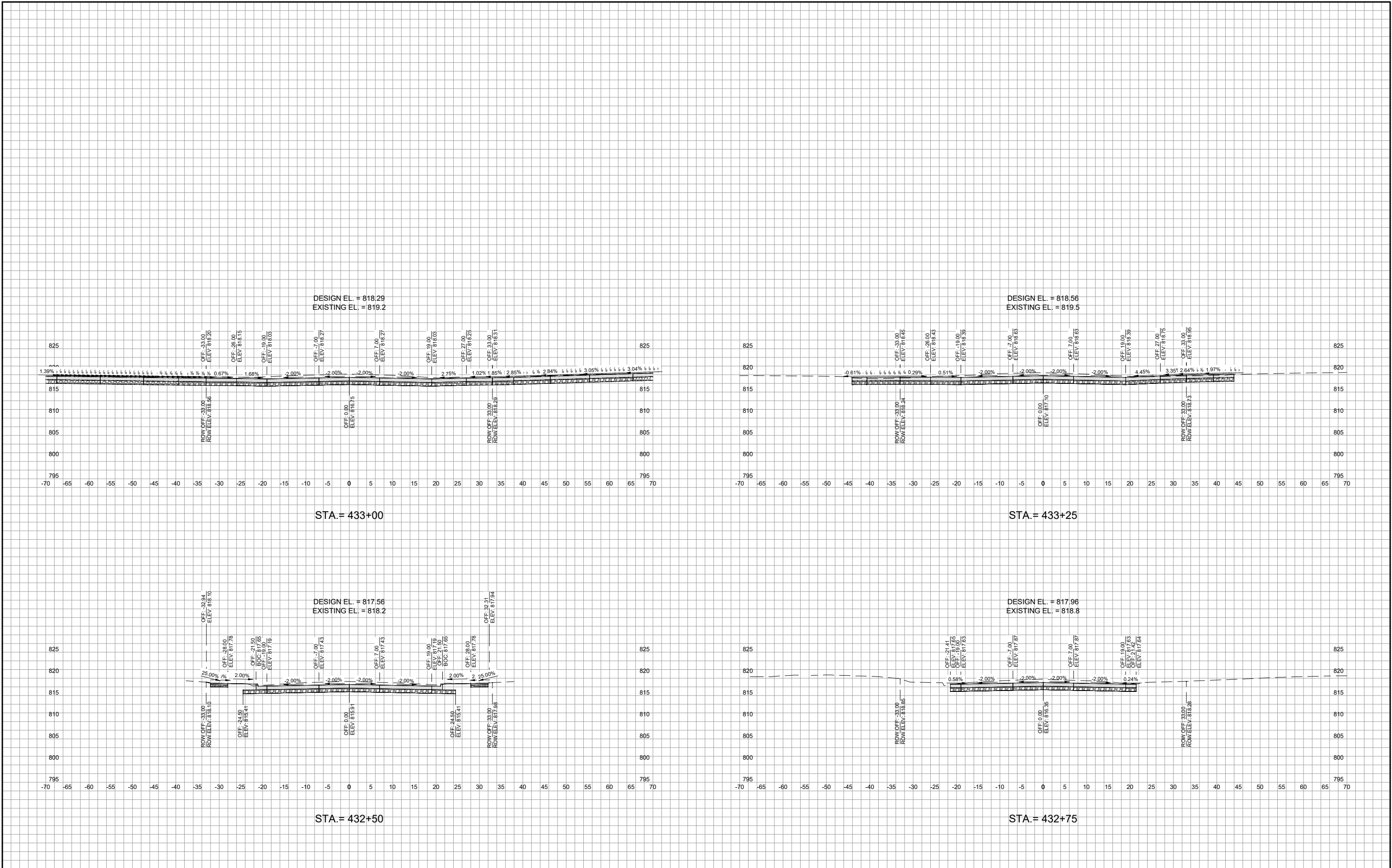


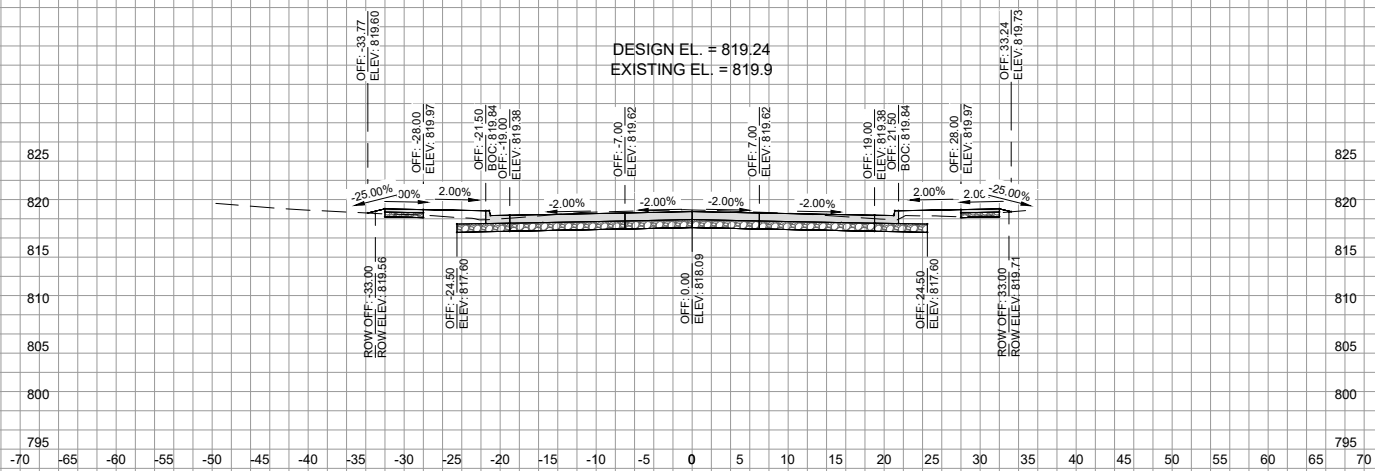
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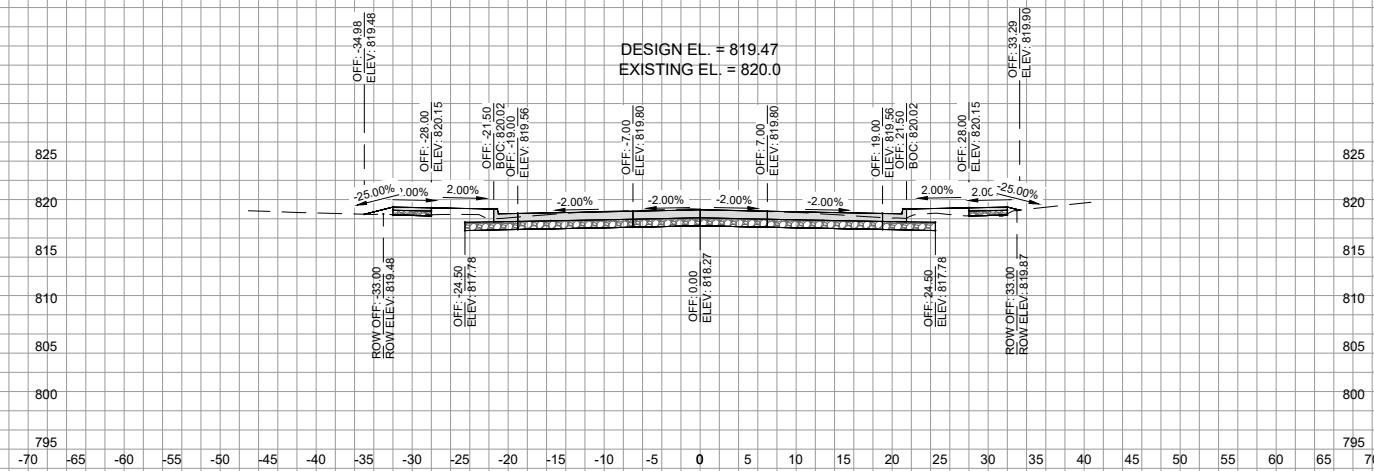
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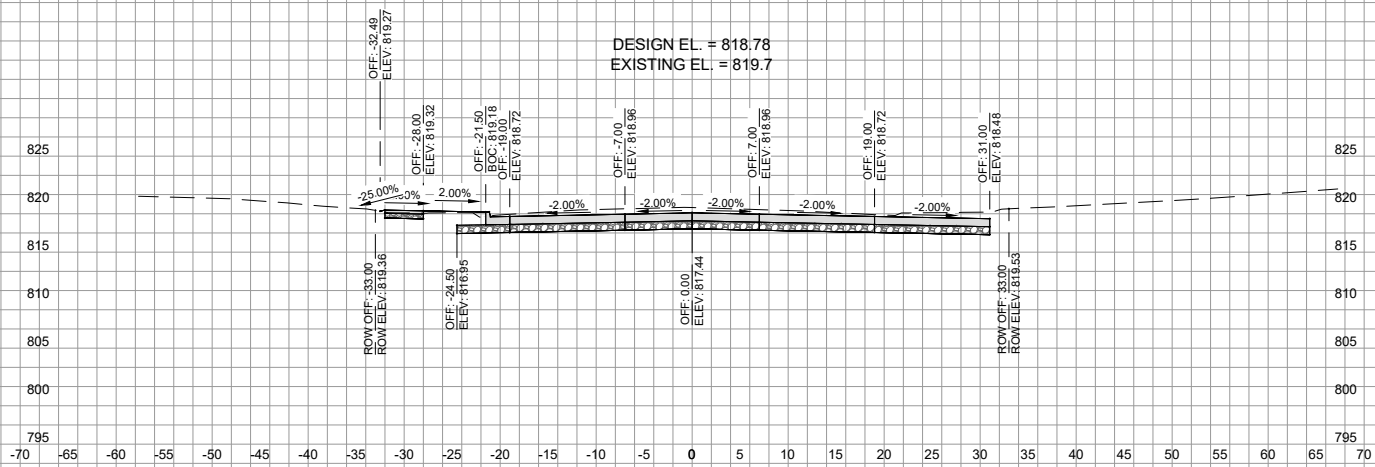




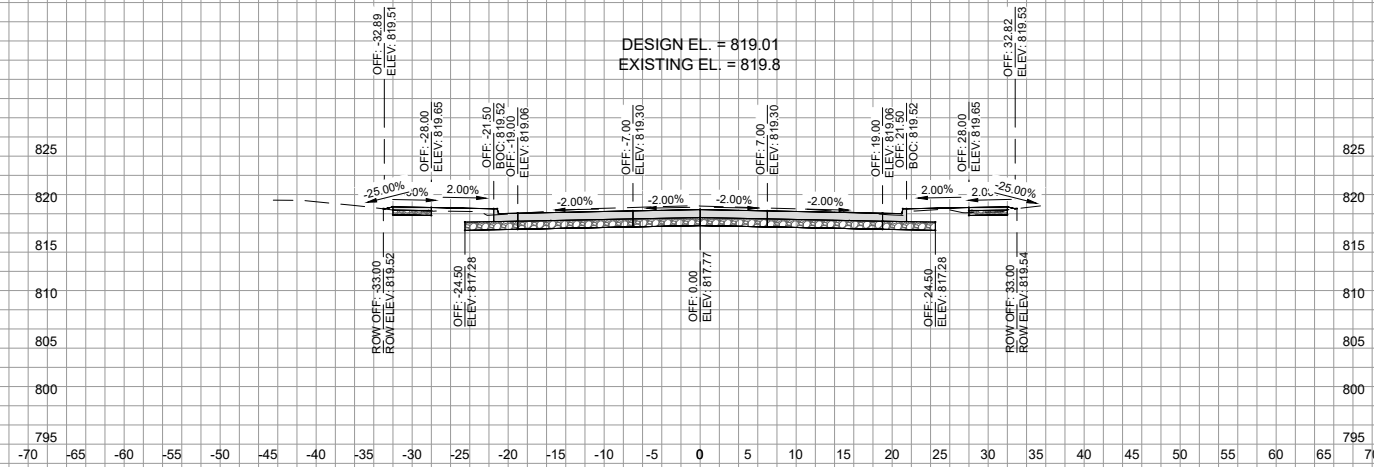
STA = 434+00



STA = 434+25



STA = 433+50



STA = 433+75

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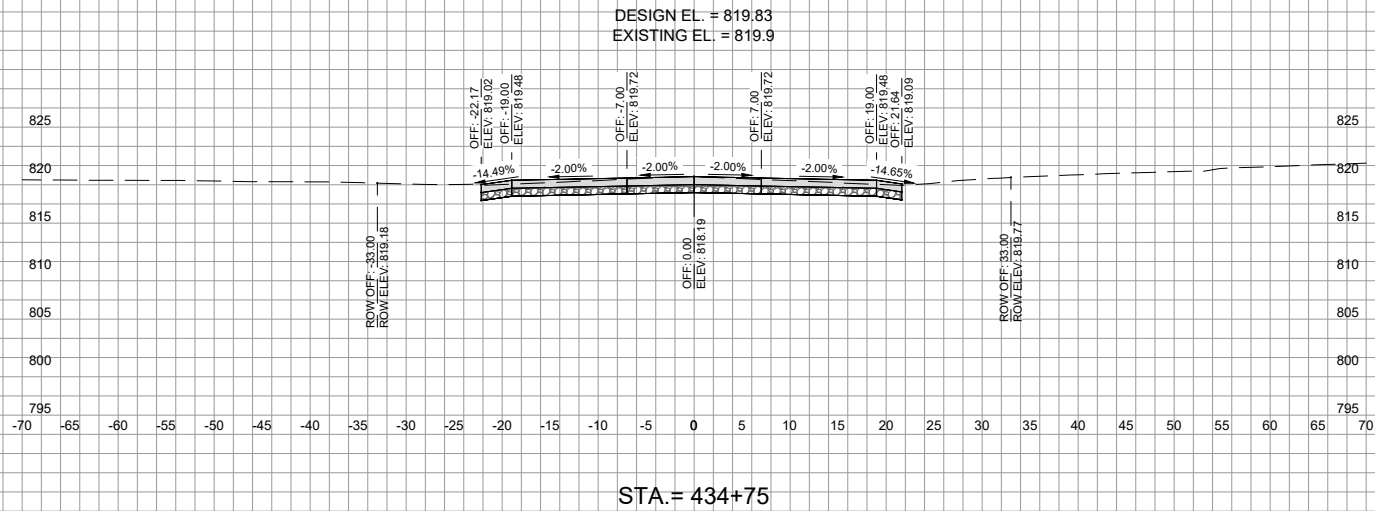
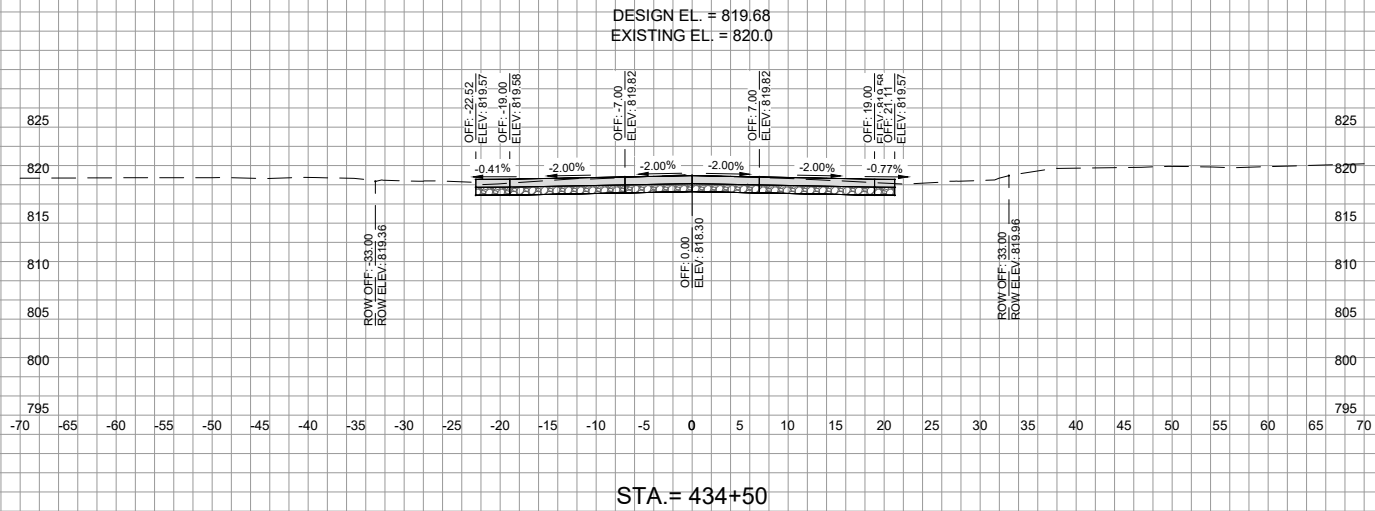


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