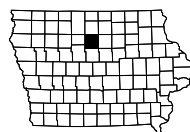


WRIGHT COUNTY

Bridge-Unspecified
BRF-003-4(45)--38-99

LETTING DATE
10/21/2025



INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1 - 2	Typical Cross Sections and Details
D Sheets	Mainline Plan and Profile Sheets
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2	IA 3
G Sheets	Survey Sheets
G.1	Survey Information
G.2 - 3	Horizontal and Vertical Control Coordinates
J Sheets	Traffic Control and Staging Sheets
* J.1	Traffic Control Plan
* J.2	Detour Route
V Sheets	Bridge and Culvert Situation Plans
V.1 - 3	Bridge and Culvert Situation Plans
W Sheets	Mainline Cross Sections
W.1	Cross Sections Legend & Symbol Information Sheet
W.2 - 4	Mainline Cross Sections
	* Color Plan Sheets



PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
WRIGHT COUNTY
 Bridge-Unspecified
 Eagle Creek 5.3 mi E of Jct IA 17

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



REVISIONS

TOTAL

PROJECT IDENTIFICATION NUMBER

21-99-003-010

PROJECT NUMBER

BRF-003-4(45)--38-99

R.O.W. PROJECT NUMBER

DESIGN DATA RURAL			
2022	AADT	3450	V.P.D.
20	- AADT	-	- V.P.D.
20	- DHV	-	- V.P.H.
	TRUCKS	17.28	%
	Total		
	Design ESALS	-	

INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	X	Primary Signature Block	X
X	X	X	X

PRELIMINARY PLANS

Subject to change by final design.

D5 REVISED PLAN -
Date: 4/29/2024

FILE NO.

ENGLISH

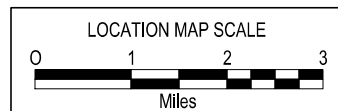
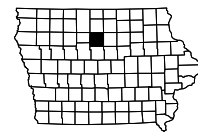
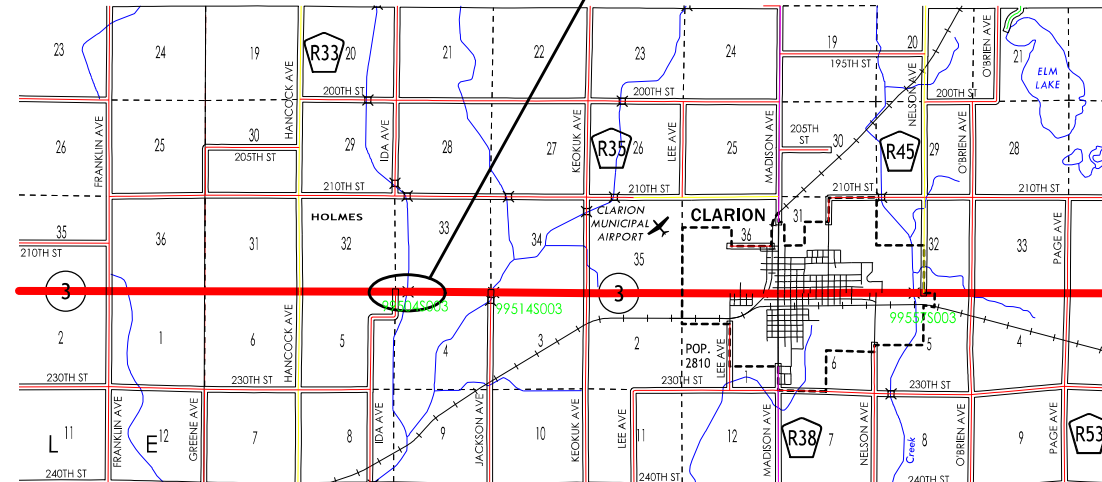
DESIGN TEAM TATAP

WRIGHT COUNTY

PROJECT NUMBER BRF-003-4(45)--38-99

SHEET NUMBER A1

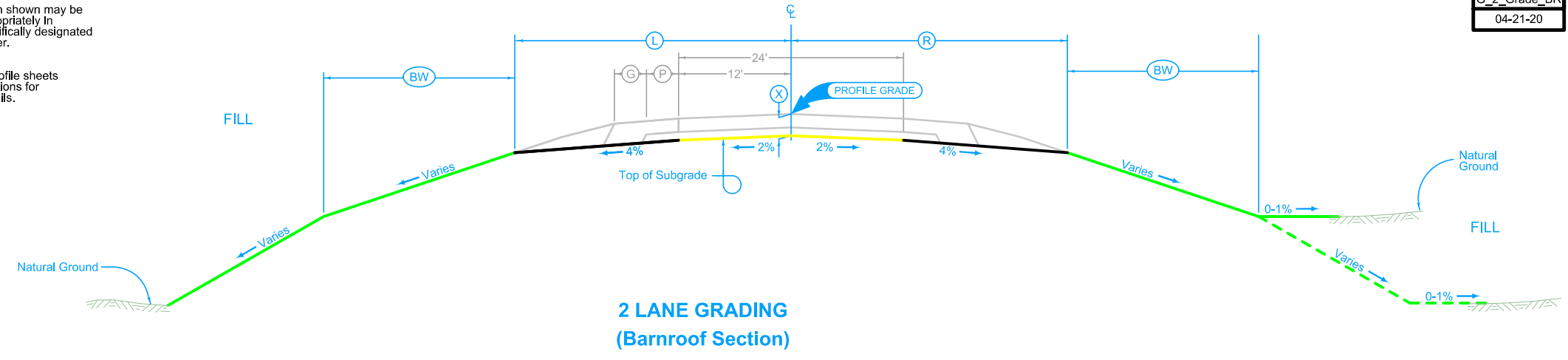
PROJECT LOCATION
 IA 3 Over Eagle Creek
 Existing FHWA # 54360
 Milepost 150.4



ROAD IDENTIFICATION	LOCATION		DIMENSIONS			
	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	(BW) Feet
IA 3	508+30.76	509+02.78	34	34	24	Var.
IA 3	509+96.62	510+68.64	34	34	24	Var.

Normal section shown may be modified appropriately in locations specifically designated by the Engineer.

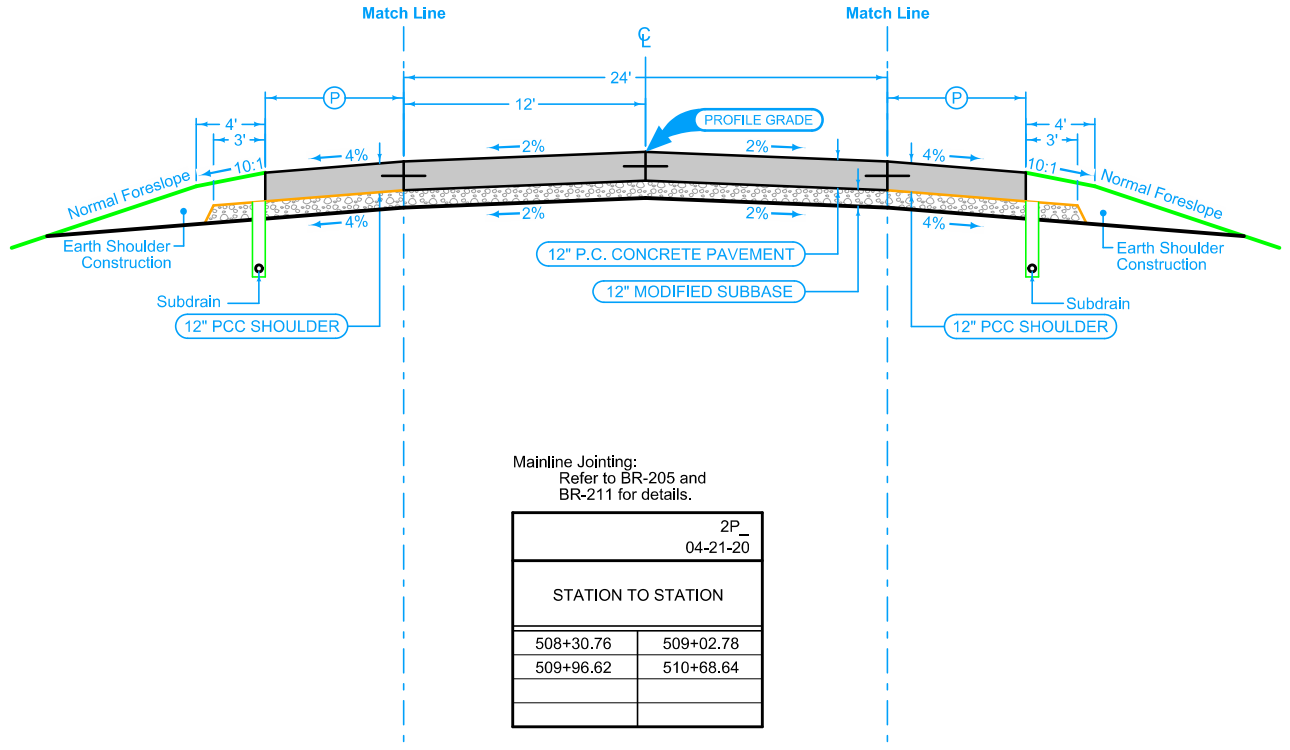
See Plan & Profile sheets and cross sections for additional details.



Full Depth PCC Shoulder

Shoulder Jointing:
Refer to BR-205 and BR-211 for details.

2_P_FullPCC_04-20-21		(P) Feet
STATION TO STATION		
508+30.76	509+02.78	8
509+96.62	510+68.64	8



Mainline Jointing:
Refer to BR-205 and BR-211 for details.

2P_04-21-20	
STATION TO STATION	
508+30.76	509+02.78
509+96.62	510+68.64

Full Depth PCC Shoulder

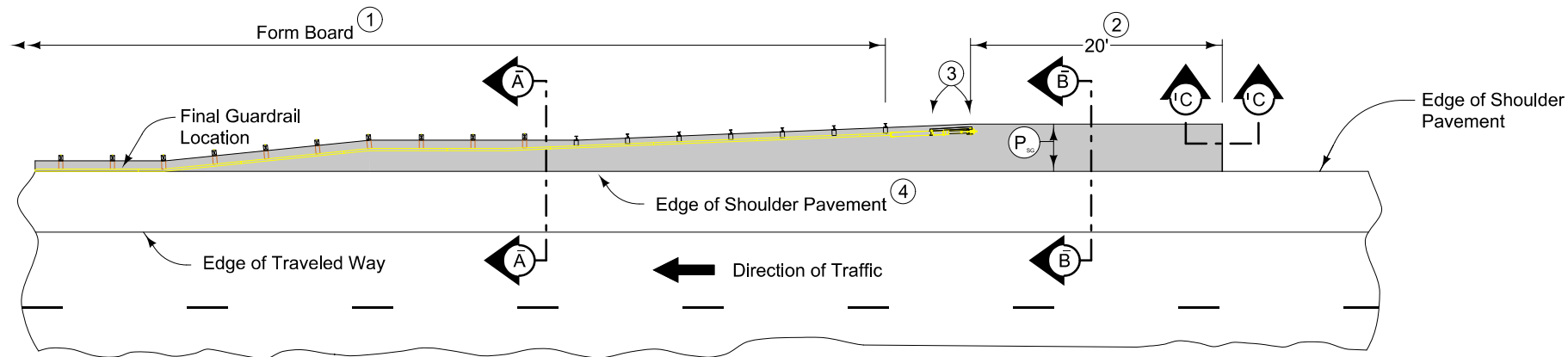
Shoulder Jointing:
Refer to BR-205 and BR-211 for details.

2_P_FullPCC_04-20-21		(P) Feet
STATION TO STATION		
508+30.76	509+02.78	8
509+96.62	510+68.64	8

Normal section shown may be modified appropriately in locations specifically designated by the Engineer.

See Plan & Profile sheets, cross sections, and Tab. 112-9 and Tab. 112-6 for additional details.

IA 3 over Eagle Creek Bridge Approach Typical Section



PLAN VIEW

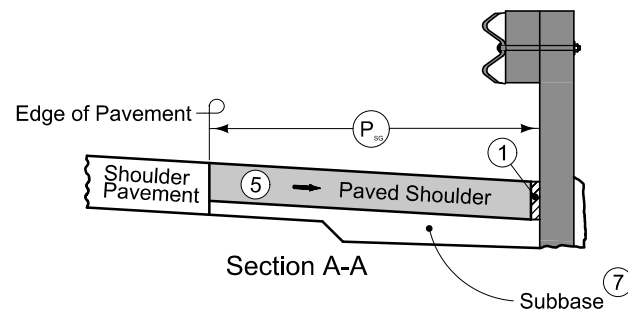
9" HMA Paved Shoulder at guardrail. 8" PCC may be substituted with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

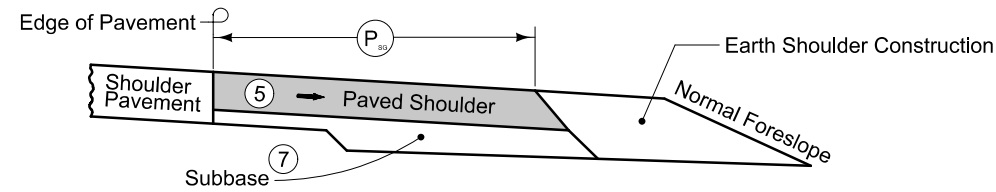
Compaction of HMA is required to face of guardrail post. Hand compaction will be allowed under guardrail. Removal and reinstallation of guardrail will be allowed with no additional payment.

Refer to Tabulation 112-9 for shoulder quantities.

- ① PCC option only: When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
- ② Continue paved shoulder 20 feet beyond the center of the first post.
- ③ Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
- ④ 'KT' (per PV-101) joint for PCC shoulder. 'B' (per PV-101) joint for HMA shoulder.
- ⑤ Match shoulder slope.
- ⑥ The Contractor has the option to pave the paved shoulder at guardrail and the full width paved shoulder as one operation.
- ⑦ Refer to other details in the plan.

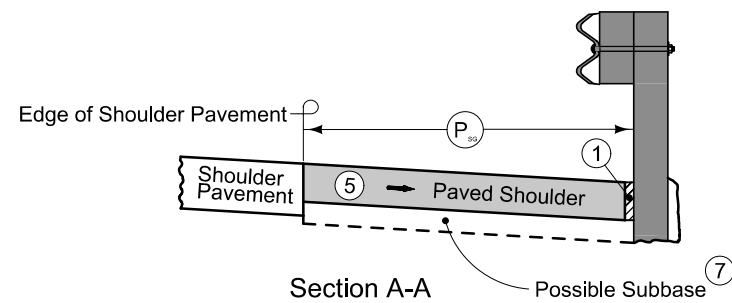


Section A-A

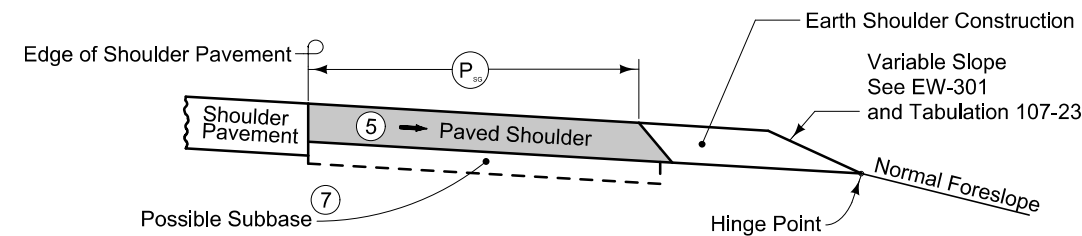


Section B-B

NEW CONSTRUCTION

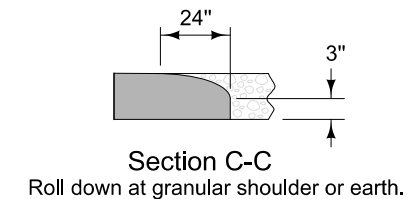


Section A-A



Section B-B

EXISTING SHOULDER



PAVED SHOULDER AT GUARDRAIL
(ADJACENT TO FULL WIDTH PAVED SHOULDER)

SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- Water Hydrant (Rural)
- Septic Tank
- Cistern
- L.P. Gas Tank (No Footing)
- Underground Storage Tank
- Latrine
- Satellite TV Dish
- Water Hook Up
- Radio Tower
- Tower Anchor
- Guardrail (Beam or Cable)
- Guard Post (one or two)
- Guard Post (over two)
- Filler Pipe
- Gas Valve
- Water Valve
- Speed Limit Sign
- Mile Marker Post
- Sign
- Traffic Signal Control Box
- Rail Road Signal Control Box
- Telephone Switch Box
- Electric Box

UTILITY LEGEND

- Fiber Optic Line
Owner: Communications 1 Network
Contact:
Phone:
Email:
- Gas Line
Owner: Northern Natural
Contact:
Phone:
Email:
- Telephone Line
Owner: CenturyLink
Contact:
Phone:
Email:
- Power Line
Owner: MidAmerican Energy
Contact:
Phone:
Email:

*Note: All Utility survey was done at Quality Level "D".

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities
SHADING		Design Color No.	
Lavender	(9)		Temporary Pavement Shading
Yellow	(4)		Proposed Pavement Shading
Orange	(6)		Proposed Granular Shading
Orange	(70)		Proposed Shoulder Granular Shading
Yellow	(68)		Proposed Shoulder Paved Full Depth Shading
Yellow	(132)		Proposed Shoulder Paved Partial Depth Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)		Grading Shading
Orange, Light	(134)		Proposed Granular Entrance Shading
Yellow	(220)		Proposed Paved Entrance Shading
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Green, Light	(225)		Existing Pavement Shading
Red	(3)		Proposed Structure Shading
Red	(3)		Delineates Restricted Areas

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(10)		Existing Ground Line Profile
Blue	(1)		Proposed Profile and Annotation
Magenta	(5)		Existing Utilities
Blue, Light	(230)		Proposed Ditch Grades, Left
Black	(0)		Proposed Ditch Grades, Median
Rust	(14)		Proposed Ditch Grades, Right

- Reference Point
- Station
- Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

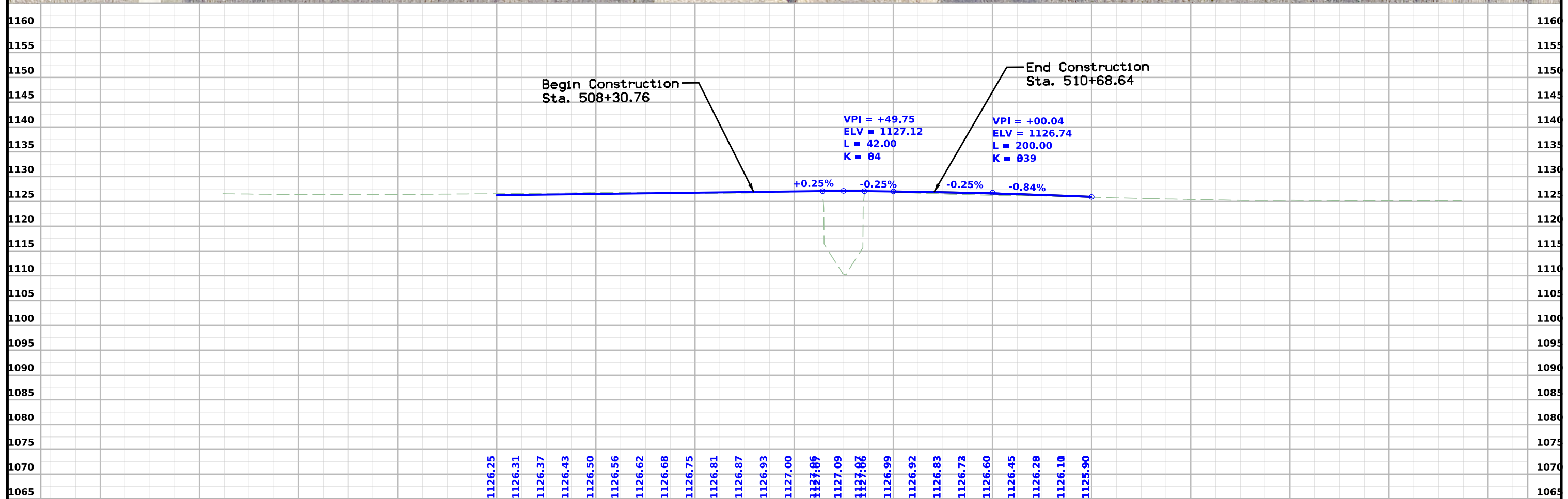
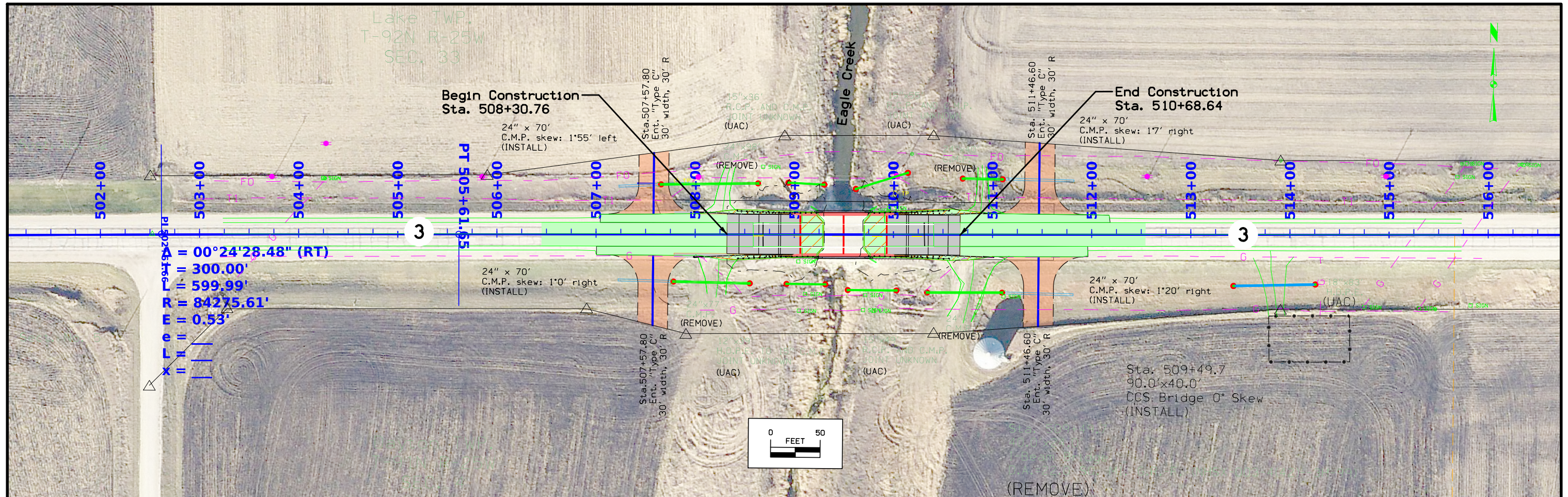
RIGHT-OF-WAY LEGEND

- Proposed Right-of-Way
- Existing Right of Way
- Existing and Proposed Right-of-Way
- Easement and Existing Right-of-Way
- Easement (Temporary)
- Easement
- Access Control
- Property Line

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES D, E, F, & K)

Lake TWP.
T-92N R-25W
SEC. 33



FILE NO.	ENGLISH	DESIGN TEAM	TA/TAP	WRIGHT COUNTY										PROJECT NUMBER	BRF-003-4(45)--38-99	SHEET NUMBER	D2
502+00	503+00	504+00	505+00	506+00	507+00	508+00	509+00	510+00	511+00	512+00	513+00	514+00	515+00	516+00			

Survey Information

SURVEY INDEX

County: Wright
PIN: 21-99-003-010
Project Number: BRF-003-4(45)--38-99
Location: West Eagle Creek 5.3 mi E of E Jct IA 17
Type of Work: Bridge Replacement
Project Directory: 9900301021

Survey Personnel

John Hahn – Survey Party Chief
Robert Fredrickson– Assistant Survey Party Chief

Date(s) of Survey

Begin Date 08/17/2022
End Date 10/05/2022

General Information

Measurement units for this survey are US survey feet. This is a full DTM survey for Iowa Hwy 3 Bridge Replacement over West Eagle Creek 5.3 miles east of East Junction of Iowa Highway 17.

Project Control

Nearby Iowa Real Time Network reference stations were utilized to obtain horizontal and vertical control on primary project control points. Two five-minute observations were taken with appropriate time spans between and used in a weighted average to obtain final coordinate values. For additional details of the control survey, contact the Preliminary Survey department.

PROJECT DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 adjustment)
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 04
(U.S. survey foot)
VERTICAL DATUM: NAVD88
GEOID MODEL: 2012bu3

Alignments Information

Alignment for the bridge replacement over West Eagle Creek 5.3 mi E of E Jct IA 17 is a retrace of As-built Plan FAP-29 Paving Plans (1932). Survey stationing was equated to the plan PI at Sta. 502+52.30 and run back and ahead without equation.

Survey stationing relates to As-built plan stationing as follows:

N ¼ Corner, Sec. 5-T91N-R25W & PI Sta. 476+17.00 Plan
=Survey PI Sta. 476+17.17

NW Corner, Sec. 4-T91N-R25W & PI Sta. 502+52.30 Plan
= Survey PI Sta. 502+52.30

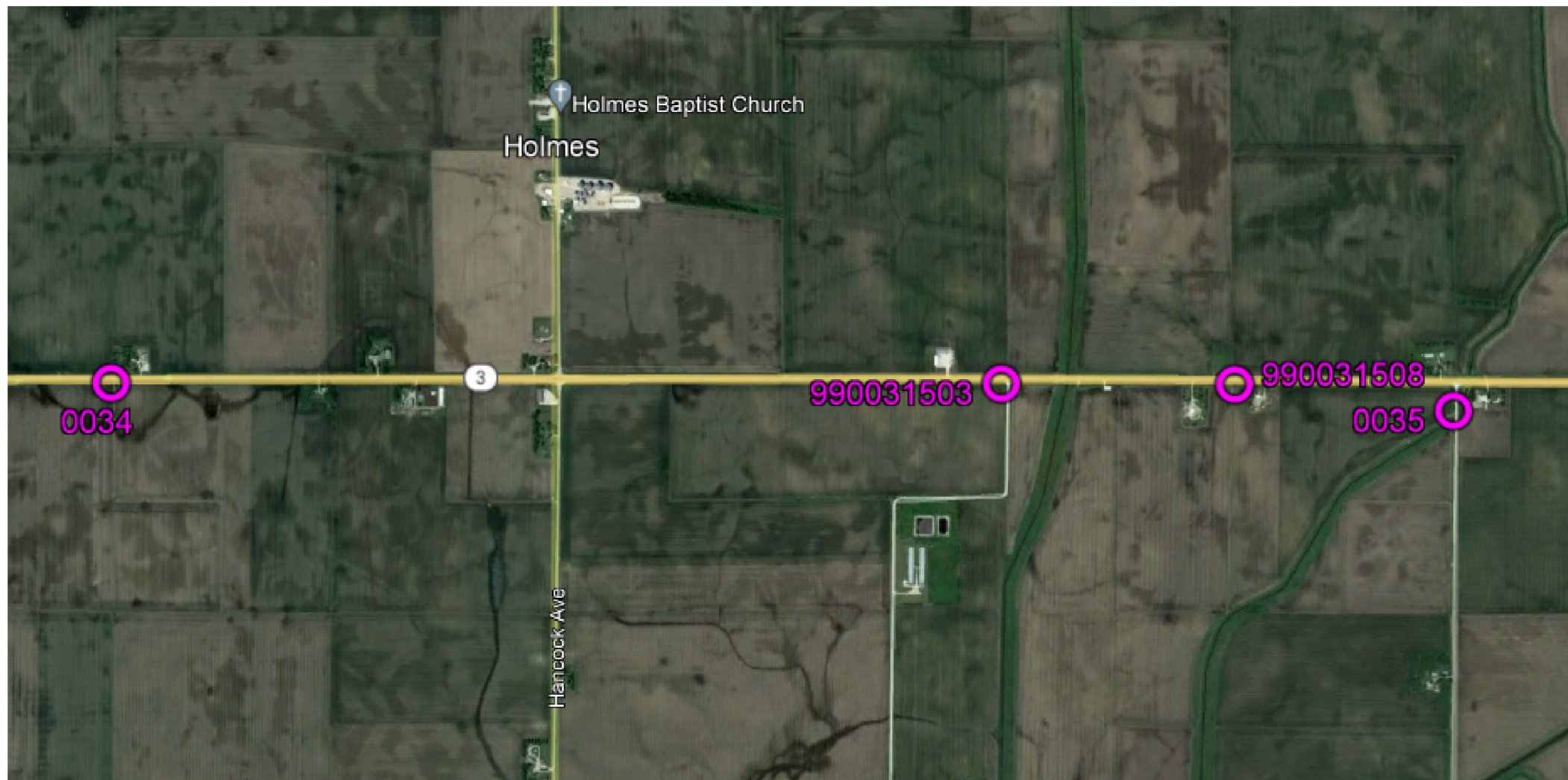
N ¼ Corner, Sec. 4-T91N-R25W & PI Sta. 528+79.90 Plan
= Survey PI Sta. 528+80.28

Utility Information

For logging data and other utility details see Utility Survey and Ownership Report in the Utility folder of the PrelimSurvey project directory.

CONTROL POINT VICINITY MAP

This map is a guide to the vicinity of the primary project control points. Primary control is for use with RTK base stations and for RTN validation. Future surveys will use primary project control to establish temporary control as needed for construction or other surveying applications.



HORIZ. DATUM: NAD83(2011) EPOCH 2010.00 - Ia. RCS Zone 04
VERT. DATUM: NAVD88 - Geoid Model g2012bu3

Coordinate listing from next sheet will be used with IaRTN for monument recovery. No other reference ties are given.

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00
 1a. Regional Coordinate System Zone 04

VERT. DATUM: NAVD88
 Geoid Model g2012bu3
 Project Control Marks are Bench Marks

Point Name	Northing	Easting	Elevation	Code/Description
990031508	8673929.92	14776592.25	1130.82	CP FND CONC MON-25FT E OF ROW RAIL-59FT S OF HWY3 CL-127FT SSE OF CONC MON
0035	8673658.34	14779164.96	1124.67	CP FND WRIGHT CNTY GPS CNTRL MON AS DESCRIBED IN GOOD CONDITION
990031503	8673900.00	14773855.38	1127.48	CP FND ROW RAIL W/ X CUT IN-65FT NW OF PP-65FT S OF HWY3 CL-83FT W OF CL OF IDA AVE
0034	8673757.08	14763403.76	1144.15	CP FND WRIGHT CNTY GPS CNTRL MON AS DESCRIBED IN GOOD CONDITION

NOTE:

The first two digits in the control point name refer to the county number.
 The next 3 digits refer to the highway number.
 The next 3 digits refer to the highway milepost.
 The last digit refers to the distance from the referenced milepost to the
 nearest tenth of a mile.

108-23A
08-01-08

TRAFFIC CONTROL PLAN

Traffic on IA 003 shall be maintained via an offsite detour throughout the project. Refer to following J Sheets for detour route details.

111-01
04-17-12

COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

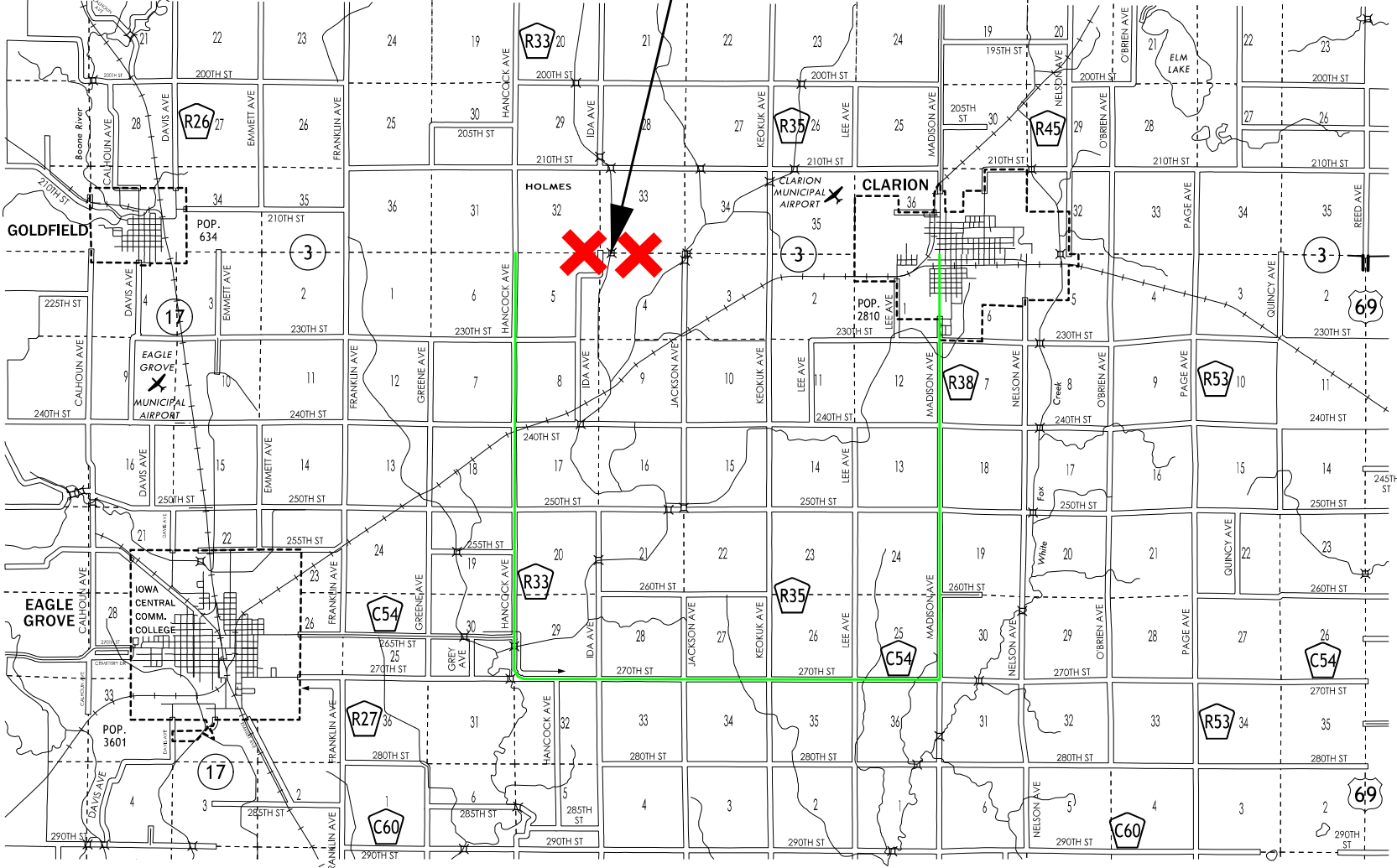
Project	Type of Work
None Provided	

108-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
IA 003	Both	Wright	Bridge over West Eagle Creek		Road Closure	54360	Horizontal	44	closed			

Project Location
IA 3 Over Eagle Creek



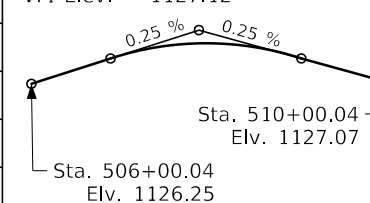
Detour - - - - -

✗ Road Closure

*Sheet to be replaced with District provided Detour sheets including signing.

1130	Q W. Abut. Brg. Elev. 1127.01	Q Pier 1 Elev. 1127.08	Q Pier 2 Elev. 1127.08	Q E. Abut. Brg. Elev. 1127.01	1130
1125					1125
1120	Bott. Ftg. Elev. 1120.93			Bott. Ftg. Elev. 1120.93	1120
1115	Top of Berm Elev. 1122.93	Existing Bridge		Top of Berm Elev. 1122.93	1115
1110					1110
1105					1105
1100	① Operational Low Beam	Stream Bed Elev. 1110.19	Existing Grade	③ Class E. Revetment underlain with engineering fabric. Revetment is embedded.	1100
1095	② Channel Low Beam				1095

VPI Sta. = 509+49.75 VC = 42.00'
 VPI Elev. = 1127.12



Proposed Profile IA 3 Over West Eagle Creek

General Notes:

The design is for the replacement of existing 43' x 44' steel beam and prestressed concrete girder bridge, Design No. 1732, FHWA No. 54360, Maintenance No. 9950.45003.

Class 'E' Revetment is embedded.

All dimensions are horizontal unless otherwise noted.

All units are in feet unless otherwise noted.

Work under this design shall include removal of remnants of existing bridge, Design No. 1732. Includes remnants of substructure units.

Design Notes:

TSS TL-4 Bridge Railing

Pier Type - Monolithic Pile Bent

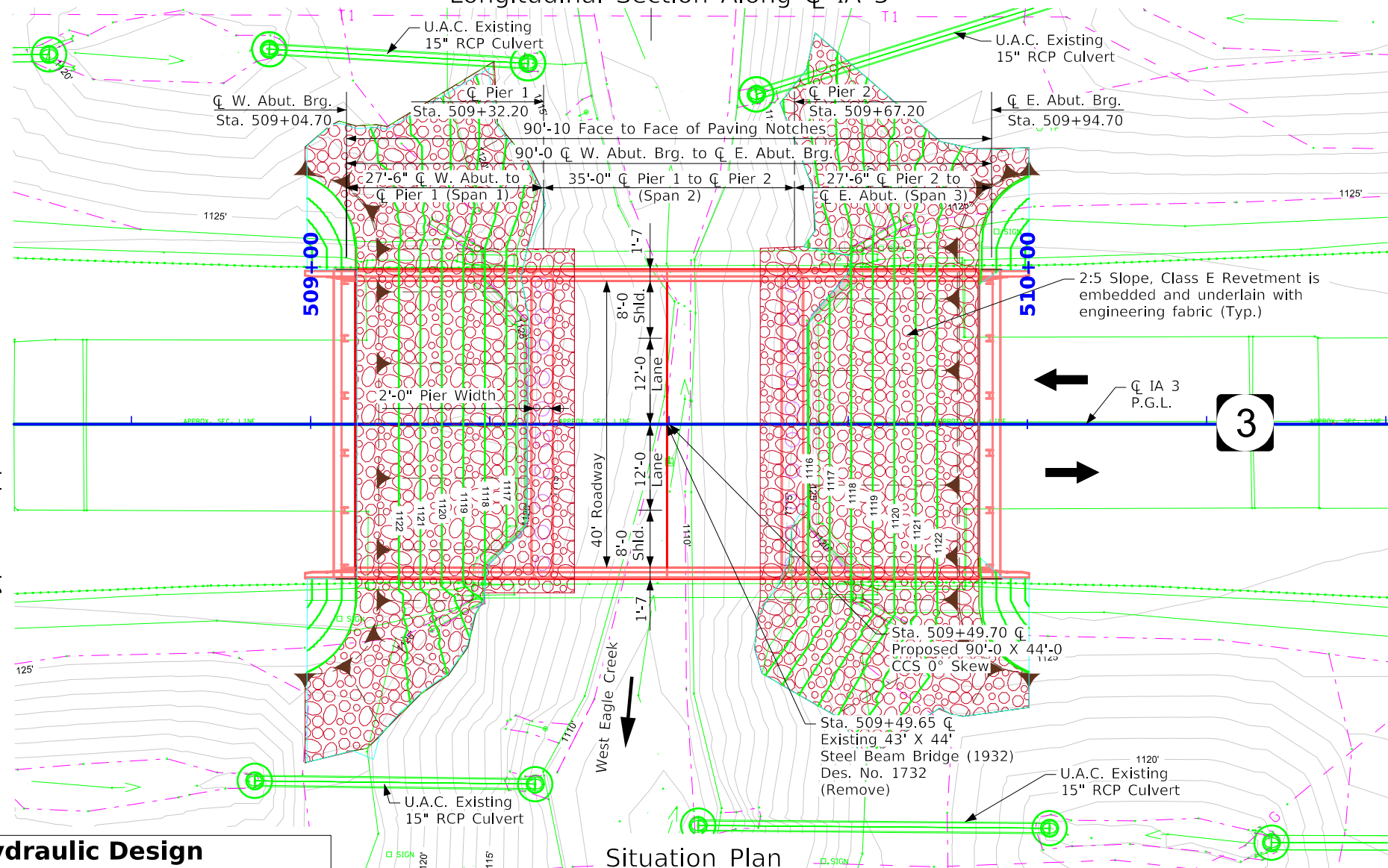
Standard Bridge Index No. J40

Integral Abutments

Berm Slopes to be confirmed during final design.

Top of bridge slab at centerline roadway is 0.03' below the profile grade to account for parabolic crown.

Longitudinal Section Along Q IA 3



Hydraulic Data

RIDB: EagleC_Hamil_RM_22.12
 Drainage Area = 29.2 Sq. Mi.
 Stream Slope (HGL) = 3.60 Ft./Mi.
 Avg. Low Water Stage = 1110.46

Q₂₅ = 1325 cfs
 Stage = 1121.58

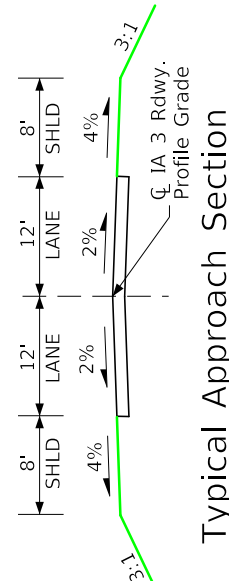
Q₅₀ = 1600 cfs
 Stage = 1122.56
 Regulatory Low Beam = 1125.37
 Avg. Bridge Velocity = 3.0 fps

Q₁₀₀ = 1900 cfs
 Stage = 1123.55
 Operational Low Beam = 1125.26
 Backwater = 0.33 Ft.
 Avg. Bridge Velocity = 3.13 fps

Q₂₀₀ = 2200 cfs
 Stage = 1124.34
 Calculated Design Scour = 1087.09

Q_{Overtop} = Q₅₀₀ = 2560 cfs
 Avg. Bridge Velocity = 3.54 fps
 Calculated Check Scour = 1084.85

Roadway Overtop 1125.00
 Sta. 516+00



Typical Approach Section

Situation Plan

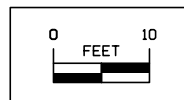
Hydraulic Design

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.

Daniel D. Kimball 2-28-24
 Signature DANIEL D. KIMBALL Date
 Printed or Typed Name

My license renewal date is December 31, 2025
 V.1-V.3

Pages or sheets covered by this seal: V.1-V.3



Traffic Estimate

2026 AADT	3600 V.P.D.
2046 AADT	4000 V.P.D.
TRUCKS	16 %

Utilities Note:

Utilities shown on this sheet are for information only. See Road Design sheets for utility information.

General Utility Symbols:

- E - Electric Line
- G - Gas Line
- SAN. - Sanitary Sewer
- T - Telephone Line
- W - Water Line
- FO - Fiber Optic Line
- GHP - Gas High Pressure
- ST S - Storm Sewer
- TV - TV
- Power Poles

Location

IA 3 Over West Eagle Creek
 5.3 Mi. East of E Jct. IA 17
 T-91 & 92N R-25W
 Dayton & Lake Township
 Wright County
 FHWA No. 54361
 Bridge Maint. No. 9950.45003
 Latitude 42.731758°
 Longitude -93.811230°

Design For 0 Degree Skew
**90'-0 x 40'-0 Continuous
 Concrete Slab Bridge**
 27'-6 End Spans 35'-0 Interior Span

Situation Plan
 STA. 509+49.70 (IA 3) Turn-in Date: Aug 2025
Wright County
 IOWA DEPARTMENT OF TRANSPORTATION
 Design No. 0226 Design Sheet No. 1 of 3 FHWA No. 54361

Control Point: Point. No. 0035, N: 8673658.34, E: 14779164.96 Elev. 1124.67
 CP FND WRIGHT CNTY GPS CNTRL MON AS DESCRIBED IN GOOD CONDITION

Estimated Berm Armoring Quantities

Location	Revetment CL. E (Ton)	Engineering Fabric (SY)	CL. 10 Channel Excavation (CY)
Berm Lining - West	285	260	172
Berm Lining - East	322	295	194
Totals	607	555	366

Excavation quantity calculated from grading surface. Excavation quantity if for embedded revetment core out only, and does not include excavation to the grading surface. Excavation quantity to the grading surface is determined by Road Design and included in the Road Plans.

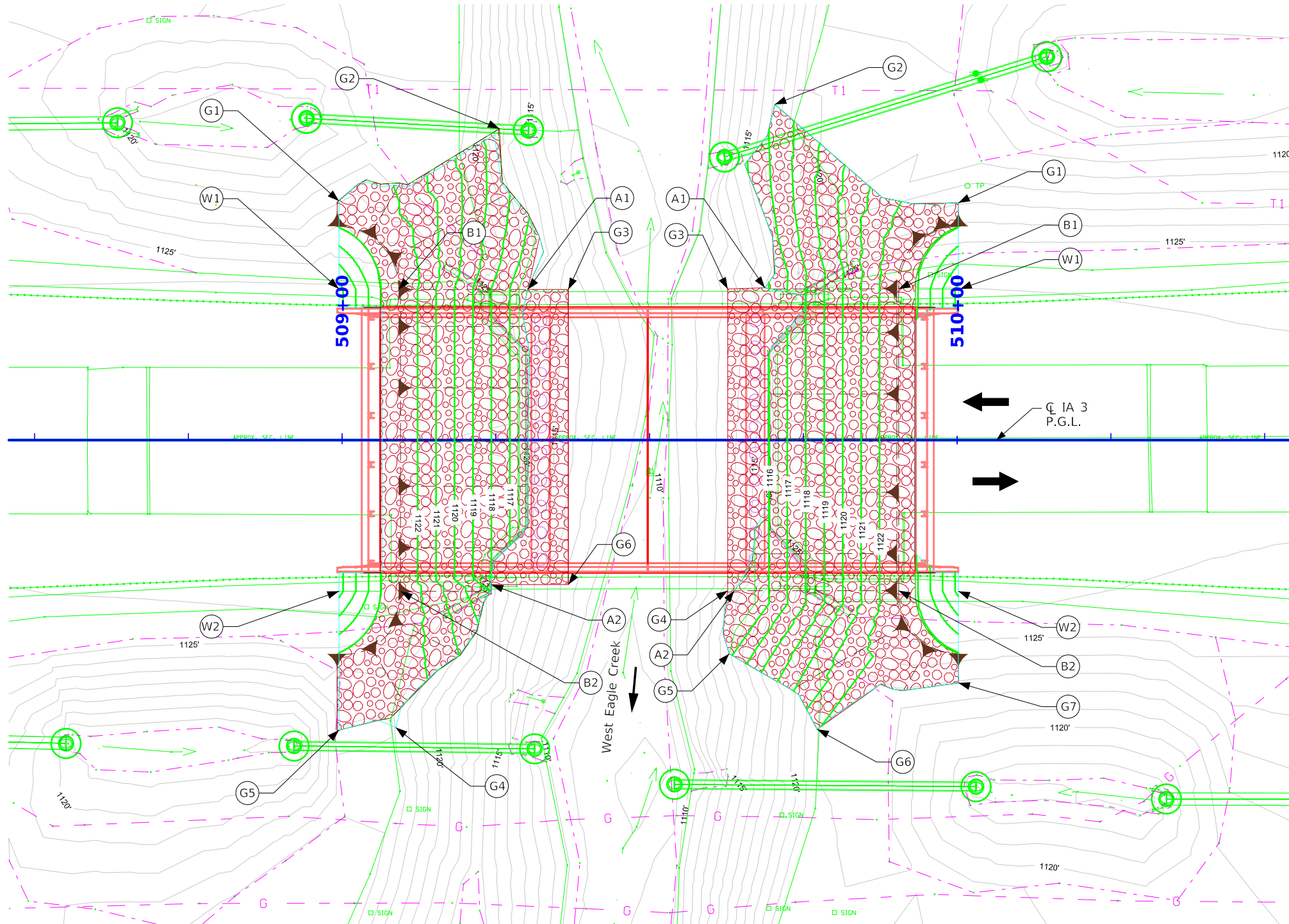
Grading/Revetment Limits

Points	West Abutment			East Abutment		
	Station	Offset	Elev.	Station	Offset	Elev.
G1	508+99.20	-38.87	1122.93	510+00.20	-38.62	1122.91
G2	509+24.63	-49.71	1118.61	509+69.96	-55.03	1117.12
G3	509+36.80	-24.58	1113.75	509+62.70	-24.58	1113.40
G4	509+08.45	46.75	1122.93	509+62.70	24.58	1114.50
G5	508+99.20	47.18	1122.93	509+62.40	34.91	1115.65
G6	509+36.80	24.58	1112.55	509+76.90	47.41	1121.91
G7				510+00.20	39.47	1122.91

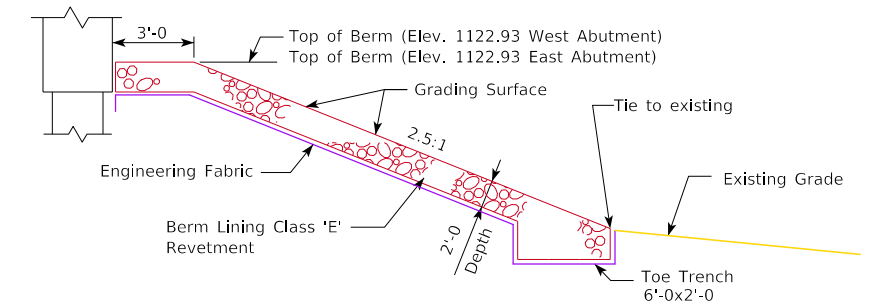
Berm Slope Location Table

Points	West Abutment			East Abutment		
	Station	Offset	Elev.	Station	Offset	Elev.
A1	509+30.18	-24.58	1116.40	509+67.55	-24.58	1115.24
A2	509+24.35	24.58	1117.98	509+67.55	24.58	1115.24
B1	509+09.20	-24.58	1122.93	509+90.20	-24.58	1122.93
B2	509+09.20	24.58	1122.93	509+90.20	24.58	1122.93
W1	508+99.20	-24.58	1126.44	510+00.20	-24.58	1126.44
W2	508+99.20	24.58	1126.44	510+00.20	24.58	1126.44

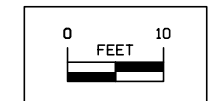
Berm slope elevations reflect the grading surface.



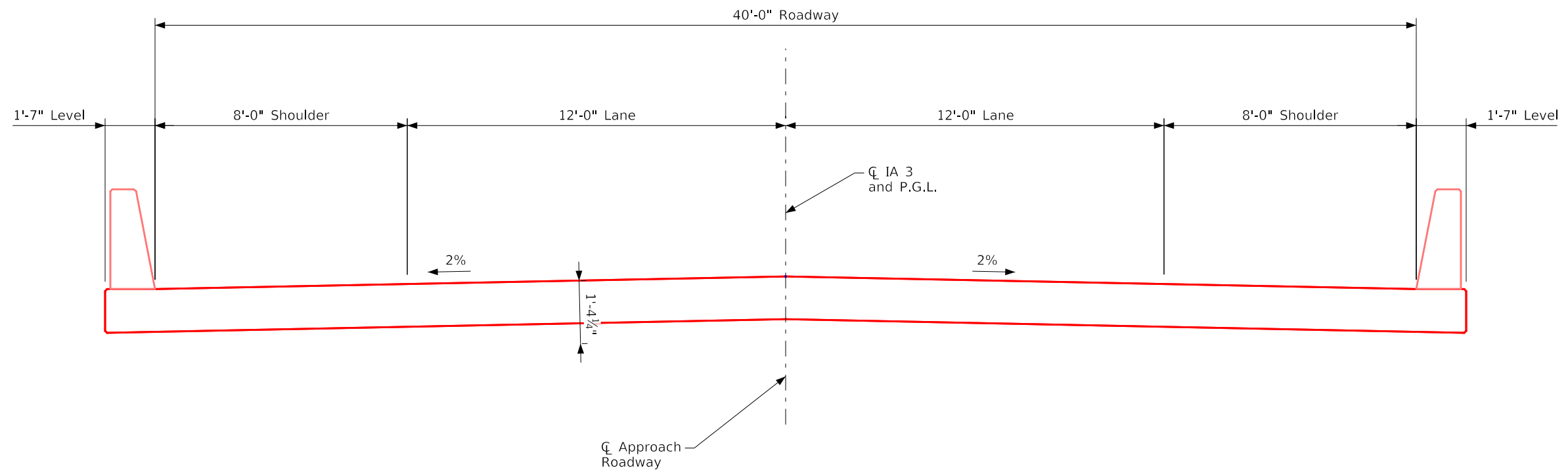
Situation Plan - Site



Typ. Embedded Riprap at Abutment



Design For 0 Degree Skew
90'-0 x 40'-0 Continuous Concrete Slab Bridge
 27'-6 End Spans 35'-0 Interior Span
Grading Plan
 STA. 509+49.70 (IA 3) Turn-in Date: Aug 2025
Wright County
 IOWA DEPARTMENT OF TRANSPORTATION
 Design No. 0226 Design Sheet No. 2 of 3 FHWA No. 54361



Design For 0 Degree Skew

**90'-0 x 40'-0 Continuous
Concrete Slab Bridge**

27'-6 End Spans 35'-0 Interior Span

Typical Section

STA. 509+49.70 (IA 3) Turn-in Date: Aug 2025

Wright County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 0226 Design Sheet No. 3 of 3 FHWA No. 54361

CROSS SECTION VIEW COLOR LEGEND

Design Color No.	Feature	Design Color No.	Feature
Aggregate			
(64)	Choke Stone	(112)	Noise Wall
(42)	Engineering Fabric	(112)	Noise Wall Footing
(8)	Flooded Backfill	(112)	Retaining Wall Back
(92)	Macadam Stone	(112)	Retaining Wall Back Excavate
(20)	Modified	(112)	Retaining Wall Face
(12)	Plowing Shaping	(112)	Retaining Wall Front Excavate
(14)	Porous Backfill	(112)	Retaining Wall Front Footing
(8)	Revetment Class A	(112)	Retaining Wall MSE Gutter
(6)	Revetment Class B	(112)	Retaining Wall Reinforced Earth
(62)	Revetment Class C	Grading	
(188)	Revetment Class D	(8)	Behind Curb Cut
(28)	Revetment Class E	(6)	Granular
(12)	Shoulder Special Backfill	(13)	Granular Back Fill
(12)	Special Backfill	(48)	Rock Undercut
(20)	Subbase	(8)	Shoulder Earth Fill
(20)	Subbase Lower	(2)	Side Slopes
(20)	Subbase Upper	(226)	Side Slopes Dressing
(118)	Subgrade Treatment	Substrata	
Asphalt			
(207)	HMA Base Course	(128)	Boulder Substrata
(207)	HMA Interim Course	(48)	Broken Weathered Substrata
(207)	HMA Surface Course	(3)	Core Out Substrata
Concrete			
(0)	Barrier Concrete	(203)	Existing Pavement Substrata
(0)	Barrier Concrete Footing	(6)	Loam Substrata
(0)	Curb Gutter	(80)	Rock Substrata
(48)	Flowable Mortar	(4)	Select Sand Substrata
(0)	Median Concrete	(3)	Shale Substrata
(0)	PCC Pavement	(10)	Topsoil Substrata
(0)	Sidewalk	Unsuitable / Waste	
Shoulder			
(209)	Shoulder HMA	(3)	Unsuitable Type A
(0)	Shoulder PCC	(13)	Unsuitable Type B
(6)	Shoulder Granular	(11)	Unsuitable Type C
(0)	Shoulder	(3)	Waste
Existing			
(0)	Existing Pavement		

NOTES:

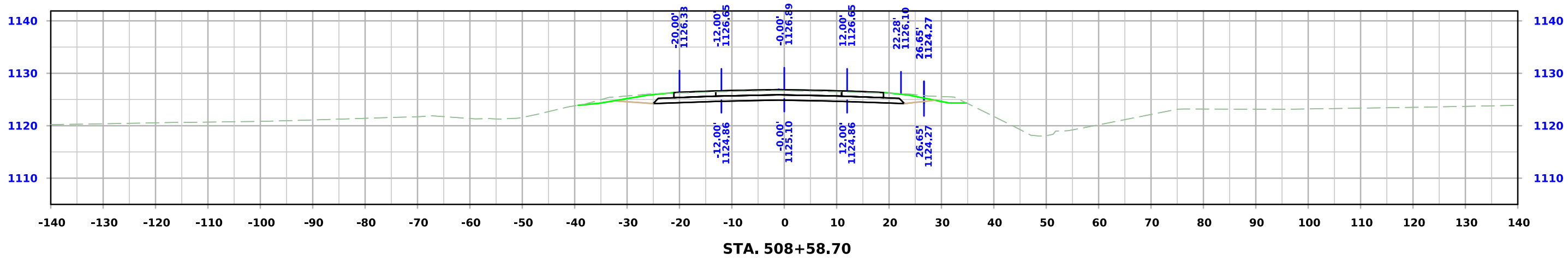
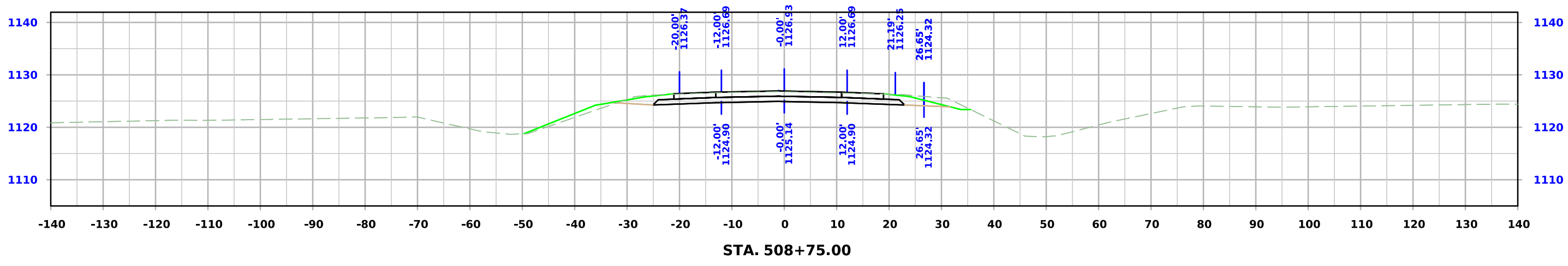
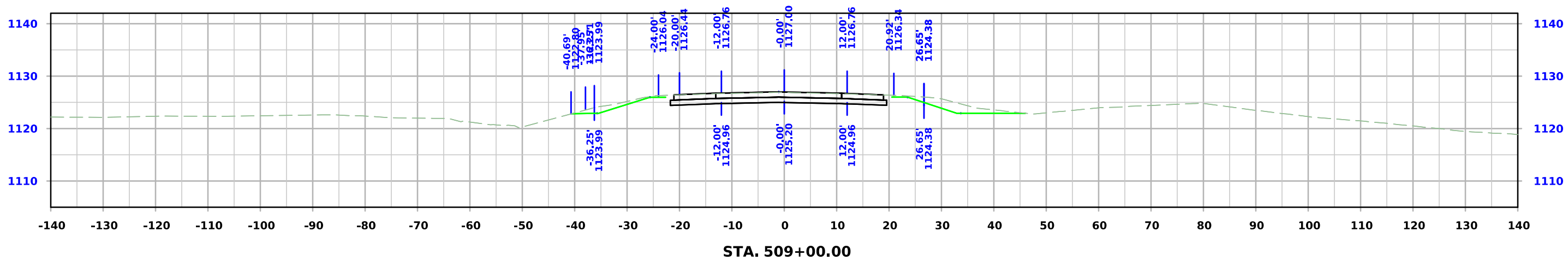
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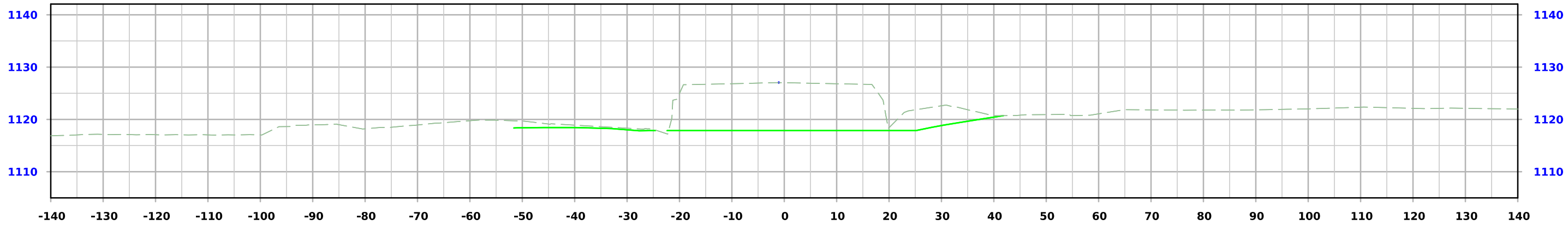
NOTES:

Text

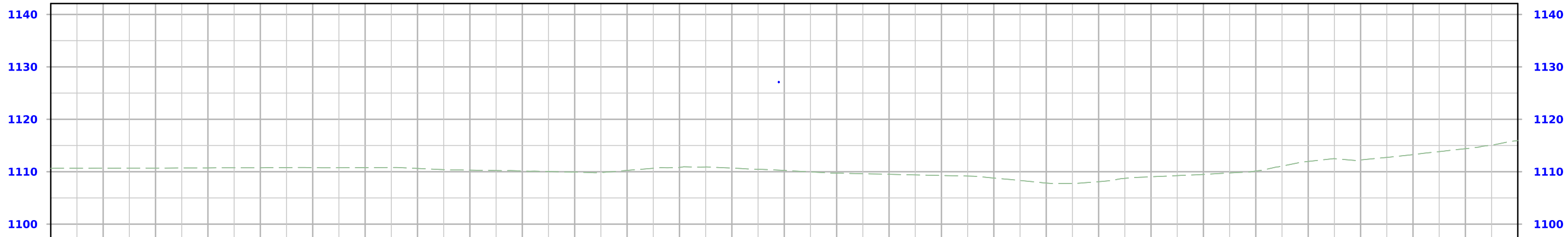
CROSS SECTIONS LEGEND AND INFORMATION SHEET

(COVERS SHEET SERIES W, X, Y, & Z)

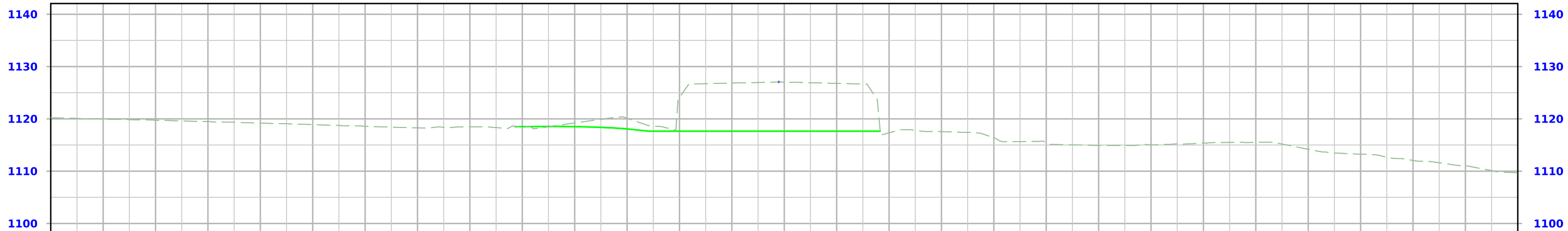




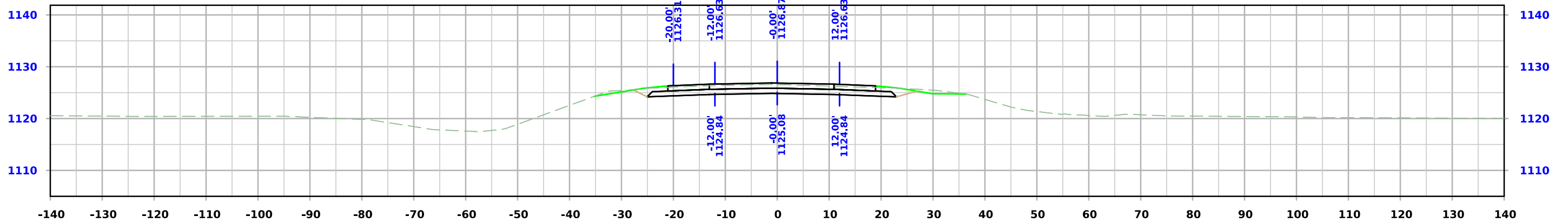
STA. 509+75.00



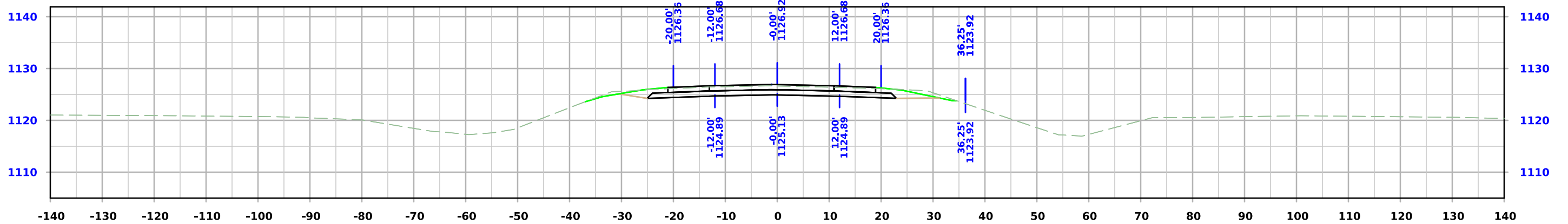
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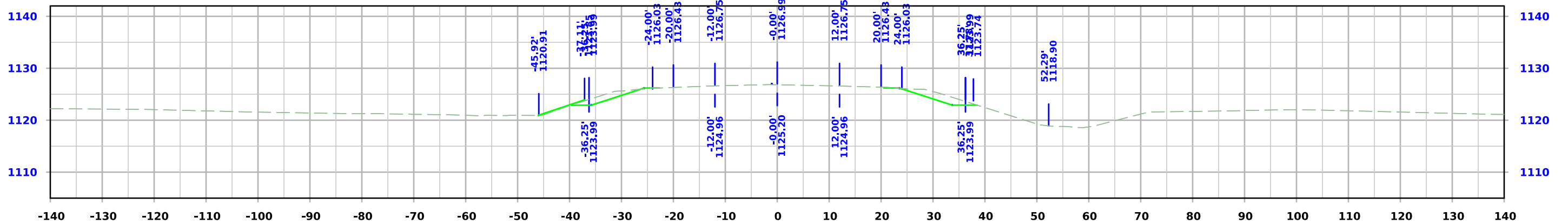
STA. 509+25.00



STA. 510+40.70



STA. 510+25.00



STA. 510+00.00