PROJECT	DESIGNATION NO.
1600828	1600828
CONTRACT	BRIDGE FILE
B 39818	026-38-10192 A

INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE PLANS

FOR SPANS OVER 20 FEET

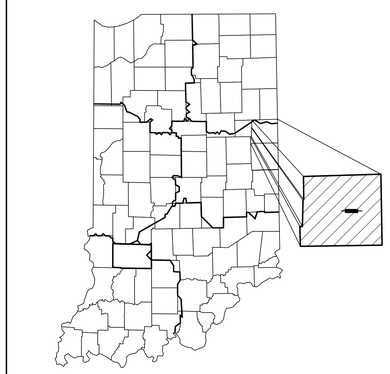
ROUTE: SR 26 AT: RP 141+23

PROJECT NO. 1600828 P.E.
1600828 CONST.
1600828 R/W

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
026-38-10192 A	Continuous Composite Prestressed Concrete Bulb Tee Beam Bridge	3 Spans: 70'-0", 70'-0", 70'-0" Skew: 15° Rt.	Salamonie River	56+60.00 "SR 26-1941"

TRAFFIC DATA	
A.A.D.T. (2022)	2902 V.P.D.
A.A.D.T. (2042)	3984 V.P.D.
D.H.V. (2042)	438 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	16 % D.H.V.
	16 % A.A.D.T.

DESIGN DATA	
DESIGN SPEED	40 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	Major Collector
RURAL/URBAN	Urban
TERRAIN	Level
ACCESS CONTROL	None



PROJECT LOCATION SHOWN BY
JAY COUNTY

LATITUDE: 40°25'57.17" N LONGITUDE: 84°57'48.78" W

BRIDGE LENGTH = 0.040 mi.
ROAD LENGTH = 0.156 mi.
TOTAL LENGTH = 0.196 mi.
MAX. GRADE = -1.01%

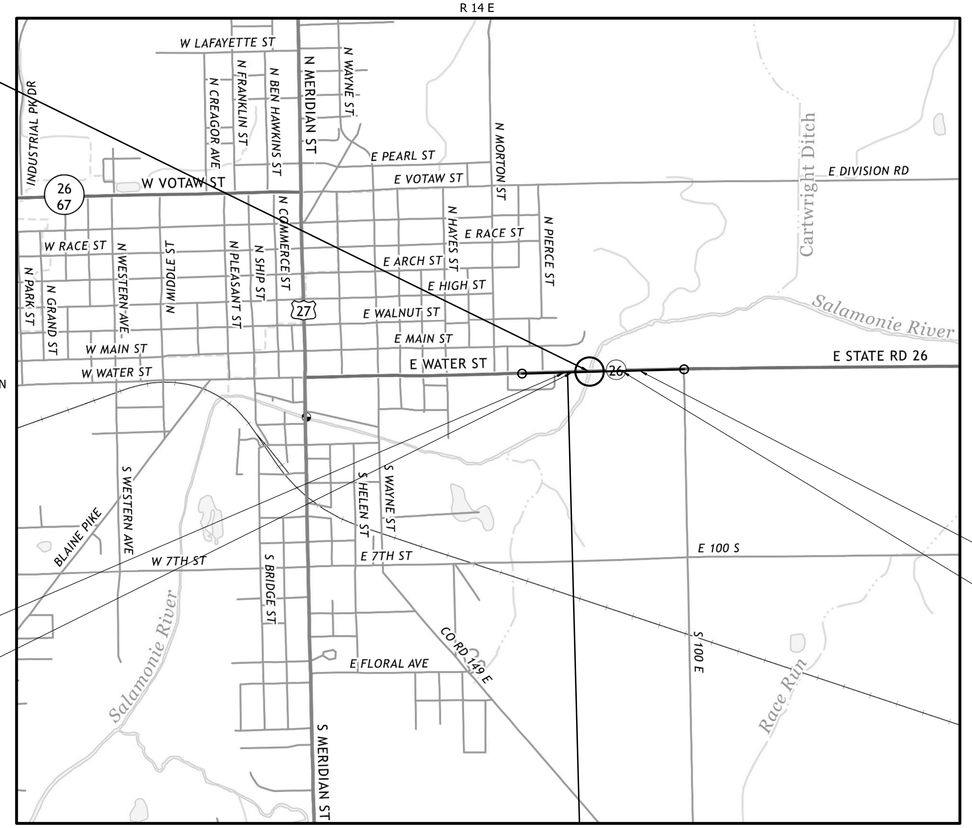
HUC: 05120102010030

BRIDGE REPLACEMENT ON SR 26 OVER SALAMONIE RIVER
LOCATED 0.78 MILES EAST OF US 27
SECTION 21, T-23-N, R-14-E, WAYNE TOWNSHIP, JAY COUNTY, INDIANA

STR. NO. 026-38-10192 A
Project No. 1600828

R 14 E

T 23 N



LOCATION MAP

SCALE 1" = 1000'

END INCIDENTAL CONSTRUCTION
STA. 63+35.00 "SR 26-1941"

END PROJECT
STA. 60+90.00 "SR 26-1941"

BEGIN INCIDENTAL CONSTRUCTION
STA. 53+00.00 "SR 26-1941"

BEGIN PROJECT
STA. 54+07.90 "SR 26-1941"

PUBLIC HEARING PLANS 8/9/2021

[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS]

usi consultants
8415 East 56th Street
Indianapolis, Indiana 46216

PLANS PREPARED BY: USI Consultants, Inc. 317-544-4996
PHONE NUMBER

CERTIFIED BY: DATE

APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE
026-38-10192 A
DESIGNATION NO.
1600828

SHEETS		
1	of	26

CONTRACT	PROJECT NO.
B 39818	1600828

U T I L I T I E S

AEP
8500 Smiths Mill Road
New Albany, IN 43054
Contact: Joshua Adams
PH: (614) 933-2297
Email: tl_publicprojects@aep.com

CENTURYLINK (LOCAL)
1201 Business 30 E
Columbia City, IN 46725
Contact: Melissa Teague
PH: (765) 656-4663
Email: melissa.teague@centurylink.com

CENTURYLINK (NATIONAL)
100 S. Cincinnati Ave.
Tulsa, OK 74103
Contact: Kendall Zetina
PH: (918) 547-0547
Email: kendall.zetina@centurylink.com

COMCAST CABLE (FORT WAYNE)
720 Taylor Street
Fort Wayne, IN 46802
Contact: Doug Fishburn
PH: (317) 516-2368
CELL: (260) 410-3504
Email: william_fishburn@cable.comcast.net

COMMUNITY FIBER SOULTIONS, INC.
Contact: Joshua Rumbaugh
PH: (419) 999-2824
CELL: (419) 371-4187
Email: joshd@watchtv.net

JAY COUNTY R.E.M.C.
484 S. C.R. 200 W.
Portland, IN 47371
Contact: Dwayne Muhlenkamp
PH: (260) 726-7121
Email: muhlenkampd@jayremc.com

OHIO VALLEY GAS CORP. (PORTLAND)
111 Energy Park Drive
Winchester, IN 47394
Contact: Greg Bailey
PH: (765) 584-6842
Email: gbailey@ovgc.com

CITY OF PORTLAND WASTEWATER
1315 Shadeland Drive
Portland, IN 47371
Contact: Brad Clayton
PH: (260) 726-7696
CELL: (260) 729-1914
Email: bbrelsford@thecityofportland.net

CITY OF PORTLAND
321 N. Meridian Road
Portland, IN 47371
Contact: Doug Jackson

R E V I S I O N S

SHEET N0.	DESCRIPTION

1-800-382-5544
CALL BEFORE YOU DIG

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

I N D E X

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX
3	TYPICAL CROSS SECTIONS AND MISC. DETAILS
4-5	DETOUR ROUTE
6-7	PLAN AND PROFILE
8-9	SOIL BORINGS
10-12	EROSION CONTROL DETAILS
13	TREE PLANTING PLAN
14	BRIDGE LAYOUT
15	GENERAL PLAN
16	MISCELLANEOUS TABLES
17	ROAD AND BRIDGE SUMMARY
18-26	CROSS SECTIONS

NOT FOR CONSTRUCTION

DESIGNED: JMH | DRAWN: BDC
CHECKED: BMA | CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX

HORIZONTAL SCALE	BRIDGE FILE
NONE	026-38-10192 A
VERTICAL SCALE	DESIGNATION
NONE	1600828
SURVEY BOOK	SHEETS
	2 of 26
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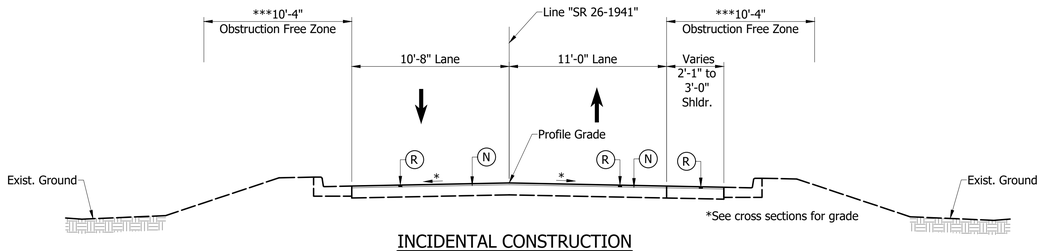
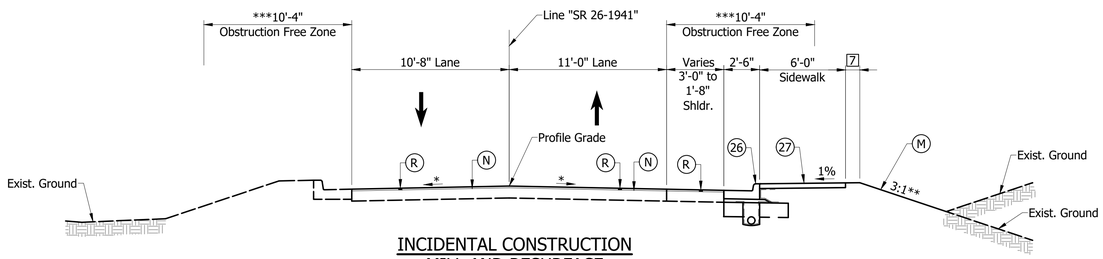


INCIDENTAL CONSTRUCTION
MILL AND RESURFACE

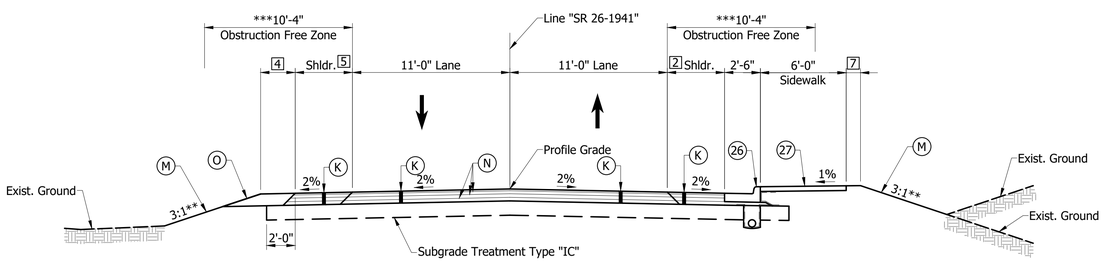
Scale: 1" = 5'
Sta. 53+00.00 to Sta. 53+33.88 "SR 26-1941"



INCIDENTAL CONSTRUCTION
MILL AND RESURFACE

Scale: 1" = 5'
Sta. 53+33.88 to Sta. 54+07.90 "SR 26-1941"

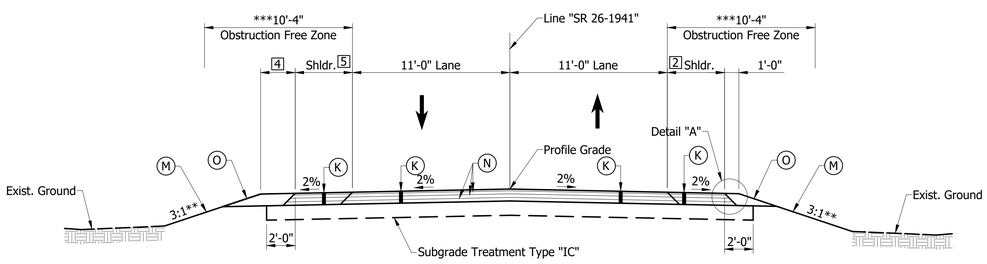
*See cross sections for grade
**Unless noted on the cross sections



**Unless noted on the cross sections

TYPICAL SECTION
FULL DEPTH

Scale: 1" = 5'
Sta. 54+07.9 to Sta. 55+25.18 "SR 26-1941"
Sta. 57+93.17 to Sta. 58+78.00 "SR 26-1941"

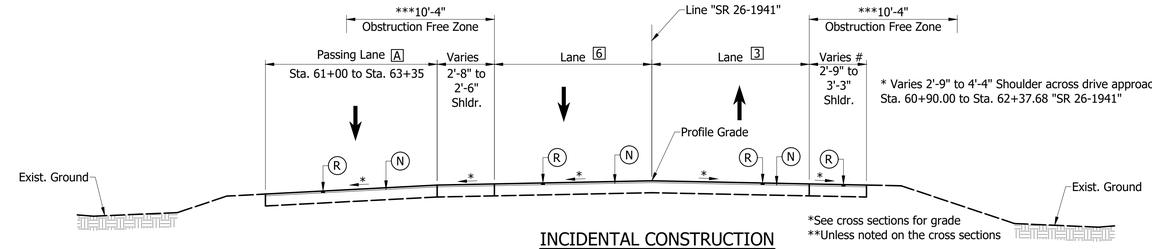


**Unless noted on the cross sections

TYPICAL SECTION
FULL DEPTH

Scale: 1" = 5'
Sta. 58+78.00 to Sta. 60+90.00 "SR 26-1941"

***Due to variation in paved shoulder width, an obstruction free zone of 10'-4" is conservatively used for the entire project limits (based on max. paved shoulder width of 4'-4").



INCIDENTAL CONSTRUCTION
MILL AND RESURFACE

Scale: 1" = 5'
Sta. 60+90.00 to Sta. 63+35.00 "SR 26-1941"

A Varies 0'-0" from Sta. 61+00.00 to 10'-5" at Sta. 61+50.00 "SR 26-1941"
Varies 10'-5" from Sta. 61+50.00 to 12'-0" at Sta. 61+97.50 "SR 26-1941"
Varies 12'-0" from Sta. 61+97.50 to 11'-6" at Sta. 62+47.60 "SR 26-1941"
Varies 11'-6" from Sta. 62+47.60 to 4'-0" at Sta. 63+35.00 "SR 26-1941"

2 1'-8" from Sta. 54+07.90 to Sta. 55+25.18 "SR 26-1941"

1'-8" from Sta. 57+93.17 to Sta. 58+78.00 "SR 26-1941"
4'-3" from Sta. 58+78.00 to Sta. 60+90.00 "SR 26-1941"

3 Varies 12'-0" at Sta. 60.90.00 to 12'-1" at Sta. 63+35.00 "SR 26-1941"

7 1'-0" Sta. 53+33.88 to Sta. 54+00.00 "SR 26-1941"
Varies 1'-0" to 4'-0" Sta. 54+00.00 to Sta. 54+29.00 "SR 26-1941"
4'-0" from Sta. 54+29.00 to Sta. 55+25.18

4'-0" from Sta. 57+93.17 to Sta. 58+78.00 "SR 26-1941"

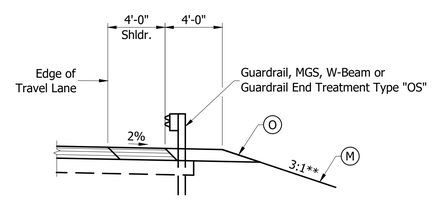
4 Varies 1'-0" from Sta. 54+07.90 to 4'-0" at Sta. 54+42.00 "SR 26-1941"
4'-0" from Sta. 54+42.00 to Sta. 55+25.18 "SR 26-1941"

4'-0" from Sta. 57+93.17 to Sta. 58+99.00 "SR 26-1941"
Varies 4'-0" from Sta. 58+99.00 to 1'-0" at Sta. 59+35.00 "SR 26-1941"
1'-0" from Sta. 59+35.00 to Sta. 60+90.00 "SR 26-1941"

5 Varies 1'-11" from Sta. 54+07.90 to 4'-0" at Sta. 54+52.00 "SR 26-1941"
4'-0" from Sta. 54+52.00 to Sta. 55+25.18 "SR 26-1941"

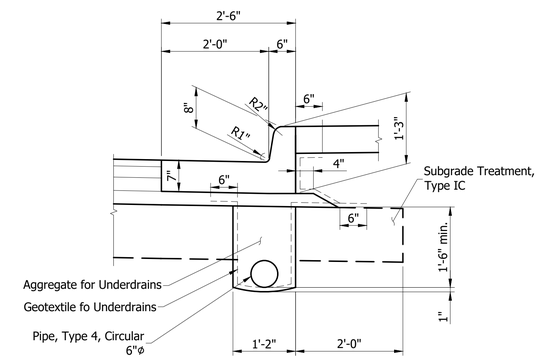
4'-0" from Sta. 57+93.17 to Sta. 60+90.00 "SR 26-1941"

6 Varies 10'-0" from Sta. 60+90.00 to 10'-5" at Sta. 63+35.00 "SR 26-1941"



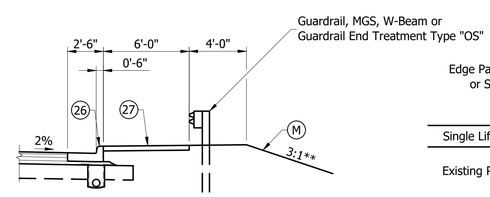
TYPICAL SECTION WITH GUARDRAIL

Scale: 1" = 5'
Sta. 54+52.13 to Sta. 55+25.18 "SR 26-1941", Lt.
Sta. 57+83.57 to Sta. 58+88.59 "SR 26-1941", Lt.



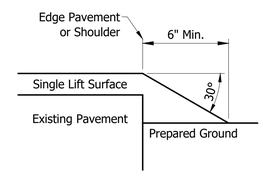
MODIFIED CONCRETE CURB AND GUTTER SECTION

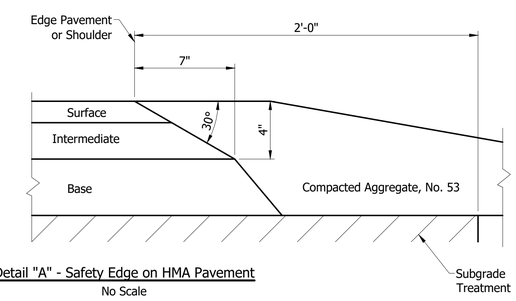
Scale: 3/4" = 1'-0"
Sta. 53+33.88 to Sta. 55+25.18 "SR 26-1941"



TYPICAL SECTION WITH GUARDRAIL

Scale: 1" = 5'
Sta. 54+29.76 to Sta. 55+25.18 "SR 26-1941", Rt.
Sta. 57+93.17 to Sta. 58+66.22 "SR 26-1941", Rt.





Detail "A" - Safety Edge on HMA Pavement

No Scale

LEGEND

K HMA FULL DEPTH PAVEMENT
165#/Syd. QC/QA-HMA, 3, 64, Surface, 9.5mm on
275#/Syd. QC/QA-HMA, 2, 64, Intermediate, 19.0mm on
330#/Syd. QC/QA-HMA, 2, 64, Base, 19.0mm on
330#/Syd. QC/QA-HMA, 2, 64, Base, 19.0mm on
Subgrade Treatment, Type IC (12" inches of subgrade excavated and replaced with Compacted Aggregate, No. 53)

R HMA RESURFACE / SURFACE MILLING
165#/Syd. QC/QA-HMA, 3, 64, Surface, 9.5mm on
1-1/2" Surface Milling

M Mulched Seeding "U"

N Tack Coat

O 10" Compacted Aggregate Base, No. 53

26 Mod. Combined Concrete Curb and Gutter

27 4" Concrete Sidewalk

NOT FOR CONSTRUCTION

DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	026-38-10192 A
VERTICAL SCALE	DESIGNATION
AS NOTED	1600828
SURVEY BOOK	SHEETS
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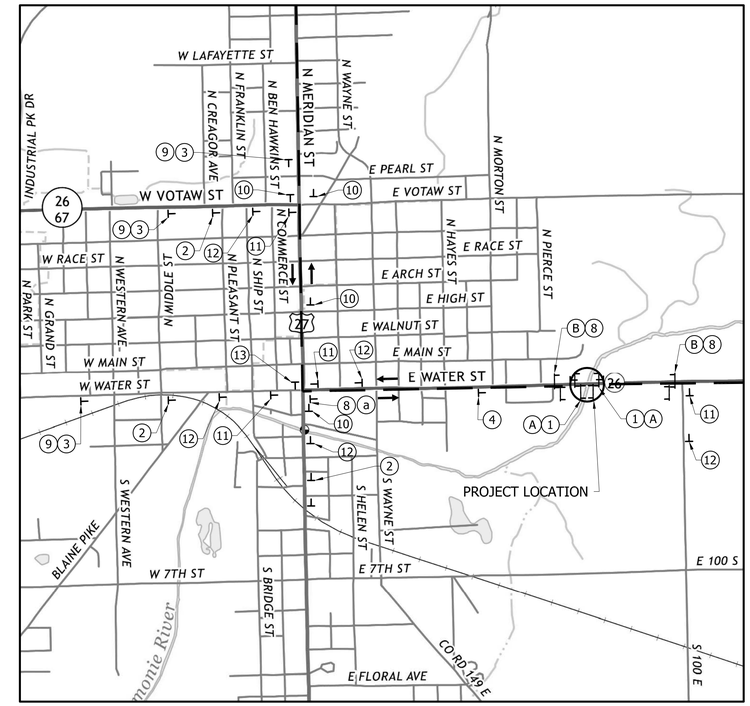
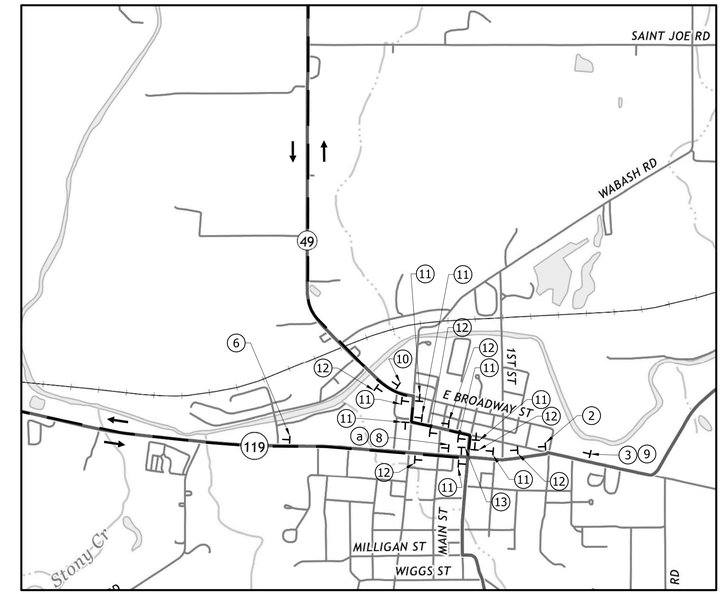
DETOUR ROUTE MAP
Scale: 1" = 3000'



DETAIL "A"
Scale: 1" = 1000'



DETAIL "B"
Scale: 1" = 1000'

NOTES:

For signing legend and quantities see Sheet No. 5.

LEGEND

- Detour Route
- Construction Sign
- Indicates Traffic Flow
- Type III Barricade

NOT FOR CONSTRUCTION

DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	026-38-10192 A
VERTICAL SCALE	DESIGNATION
AS NOTED	1600828
SURVEY BOOK	SHEETS
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LEGEND	DESCRIPTION		SIZE	TYPE	NO.
1	ROAD CLOSED	R11-2	48" X 30"	Road Closure Assembly	2*
2	DETOUR AHEAD	XW20-2	48" X 48"	A	8
3	ROAD CLOSED AHEAD	XW20-3	48" X 48"	A	4
4	ROAD CLOSED 1500'	XW20-3 (1500')	48" X 48"	A	1
5	ROAD CLOSED 4000'	XW20-3 (4000')	48" X 48"	A	1
6	ROAD CLOSED X MILES	XW20-3 (10 MILES)	48" X 48"	A	1
7	ROAD CLOSED X MILES	XW20-3 (5 MILES)	48" X 48"	A	1

LEGEND	DESCRIPTION		SIZE	TYPE	NO.
8	ROAD CLOSED TO THRU TRAFFIC	R11-4	60" X 30"	Road Closure Assembly	4*
a	DETOUR	XM4-10 (L or R)	48" X 18"	B	34*
9	ROAD CLOSED ON OR AFTER X / X / XX	XW20-6	60" X 30"	A	5
10	DETOUR INDIANA 26 EAST WEST	XM4-8 M1-5 (SR 26) M3-2 or M3-4 M6-3	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	26
11	DETOUR INDIANA 26 EAST WEST	XM4-8 M1-5 (SR 26) M3-2 or M3-4 M6-1 (L or R)	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	16
12	DETOUR INDIANA 26 EAST WEST	XM4-8 M1-5 (SR 26) M3-2 or M3-4 M5-1 (L or R)	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	17
13	END DETOUR INDIANA 26	XM4-6 XM4-8 M1-5 (SR 26) M5-1 (L or R)	30" X 15" 30" X 15" 24" X 24" 21" X 15"	Detour Route Assembly	2
A	TYPE III-A BARRICADE		12'		72
B	TYPE III-B BARRICADE		12'		48

5-XW20-6 Signs to be placed at site a minimum of 10 business days prior to Road Closure.

* Cost of Sign to be included in the cost of "Road Closure Sign Assembly"

TYPE OF SIGN	QUANTITY	PAY ITEM
ROAD CLOSURE ASSEMBLY	7 Each	801-04308
DETOUR ROUTE ASSEMBLY	61 Each	801-06625
CONSTRUCTION SIGN TYPE A	26 Each	801-06640
BARRICADE, III-A	72 Lft.	801-07118
BARRICADE, III-B	48 Lft.	801-07119
MAINTAINING TRAFFIC	1 LSUM	801-06775

NOTES:

For Detour Route map and sign locations see Sheet No. 4.

NOT FOR CONSTRUCTION

DESIGNED: JMH DRAWN: BDC

CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	026-38-10192 A
VERTICAL SCALE	DESIGNATION
AS NOTED	1600828
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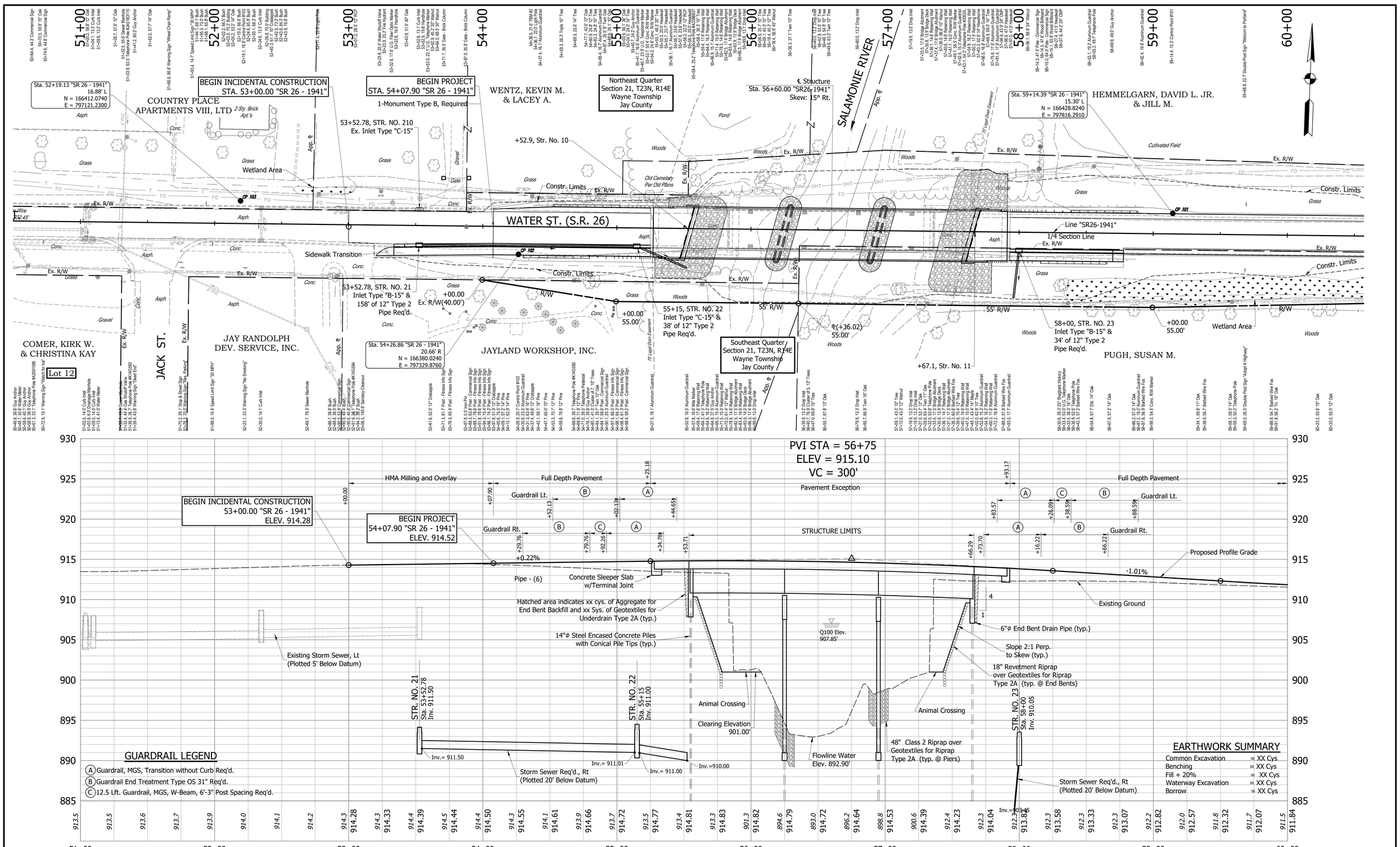

NOT FOR CONSTRUCTION

DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828

SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
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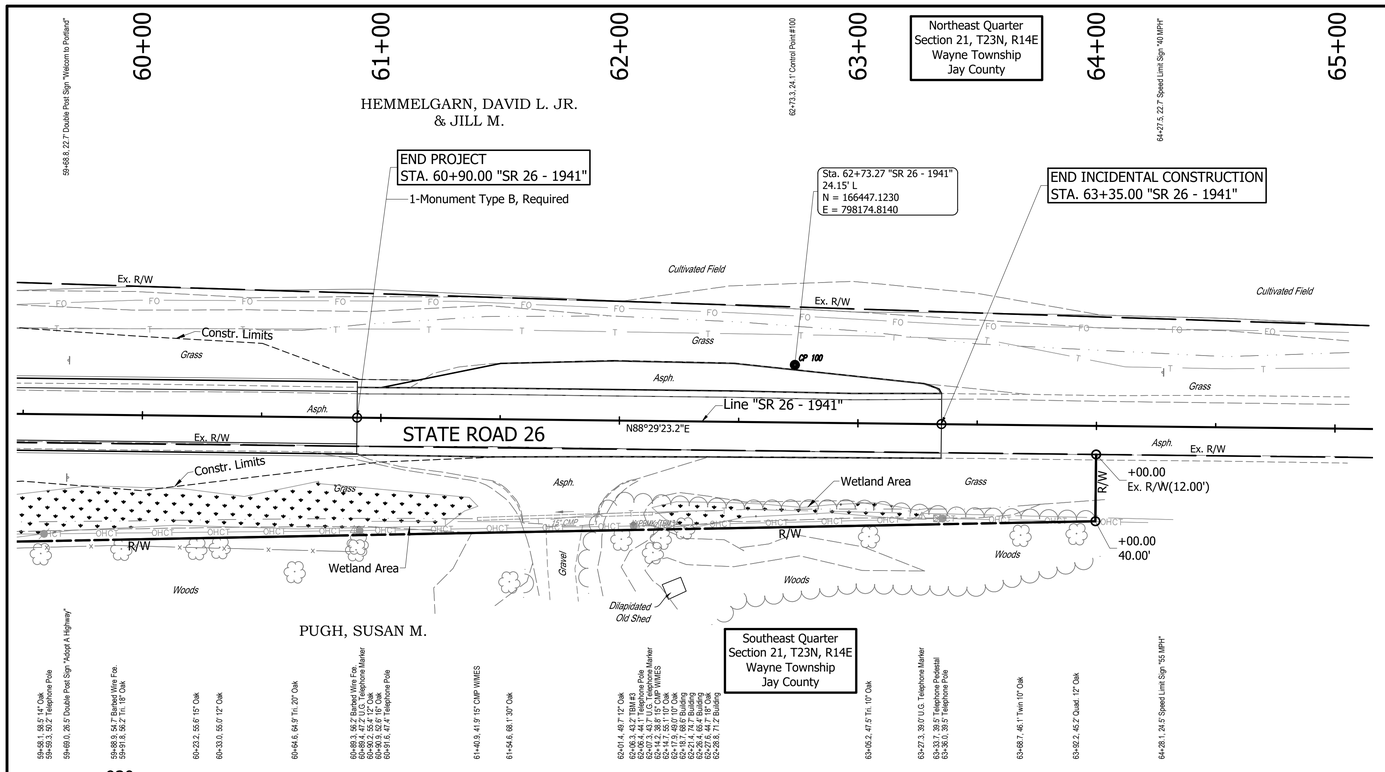
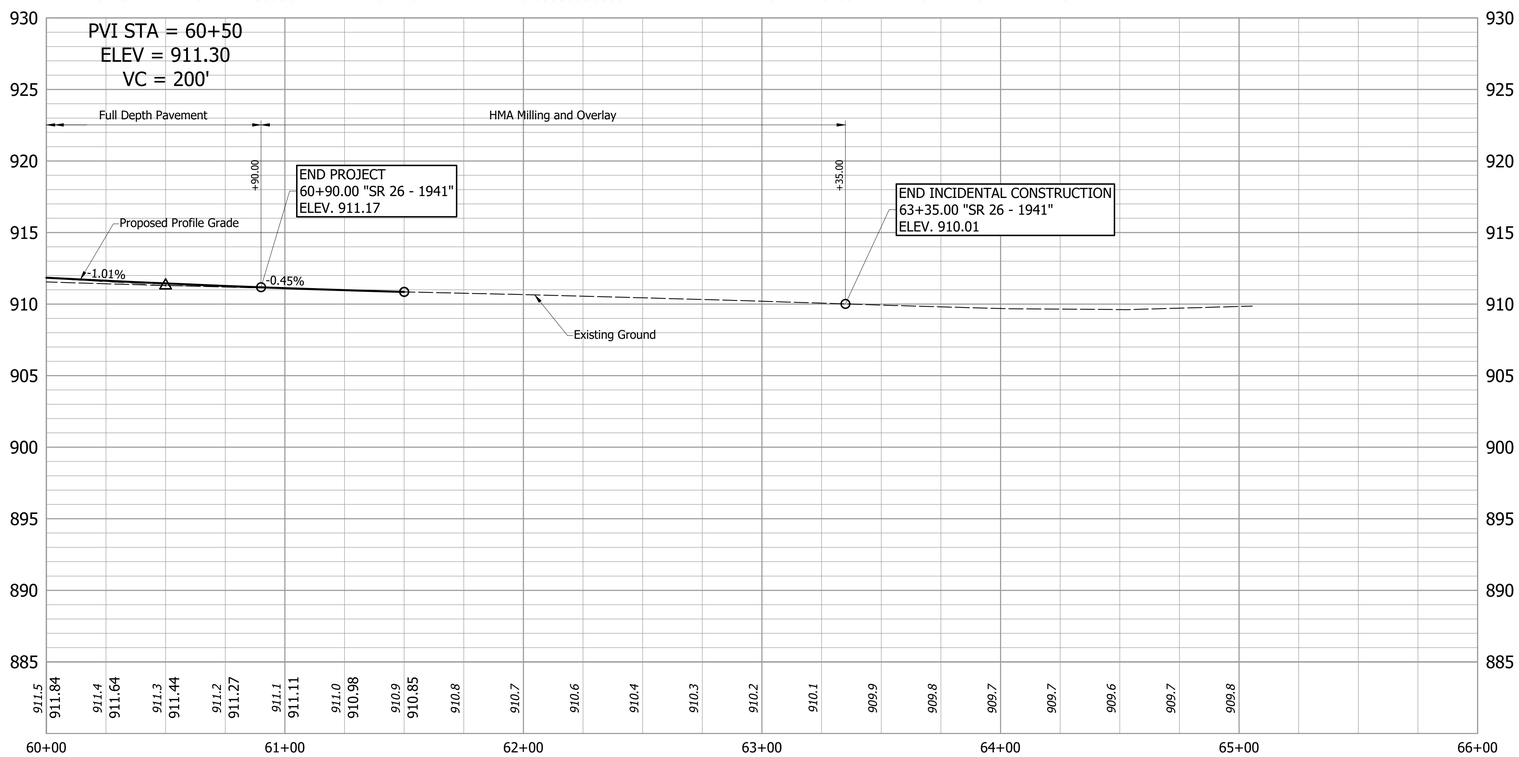


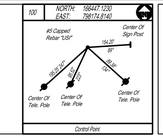


BENCHMARK INFO

TBM#1 - CHISELED "X" IN SW BONNET BOLT OF HYDRANT, IN NE QUAD. OF WATER ST. AND PIERCE ST. 50' N. OF ℄ OF WATER ST. (S.R. 26)
N: 166439.17 E: 796911.41
ELEV.: 915.596

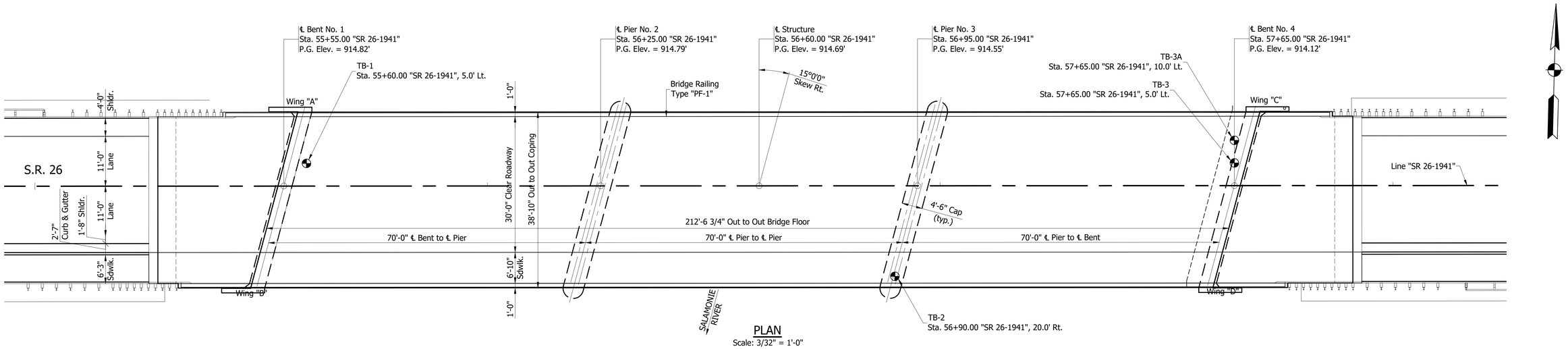
TBM#2 - CHISELED SQUARE ON S. SIDE CONC. BASE OF LIGHT POLE 21' N. OF ℄ WATER ST., 148' W. OF W. END S.R. 26 BRIDGE OVER SALAMONIE RIVER
N: 166422.55 E: 797338.52
ELEV.: 916.444

TBM#3 - R.R. SPIKE IN N. SIDE OF UTILITY POLE 1' A.G. 40' S. OF ℄ S.R. 26. 30' E. OF GRAVEL FIELD ENTRANCE. ALSO 455' E. OF E. END OF S.R. 26 BRIDGE OVER SALAMONIE RIVER.
N: 166378.04 E: 798109.63
ELEV.: 907.343



NOT FOR CONSTRUCTION

DESIGNED: JMH	DRAWN: BDC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 30' / BRIDGE FILE: 026-38-10192 A
CHECKED: BMA	CHECKED: JMH	PLAN AND PROFILE LINE "SR26-1941"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1600828
			SURVEY BOOK / SHEETS: 7 of 26
			CONTRACT: B 39818 / PROJECT: 1600828



PLAN
Scale: 3/32" = 1'-0"

SUMMARY OF PILE LOADING

	BENT NO.1 & 4	PIER NO.2 & 3
PILE SIZE, TYPE, AND GRADE	HP 12 x 53	HP 12 x 53
FACTORED DESIGN SOIL RESISTANCE, Rr (kip)	277	277
RESISTANCE FACTOR, dyn* Φ	0.55	0.55
DOWNDRAG LOADS, DD (kip)	Negligible	Negligible
MAXIMUM NOMINAL SOIL RESISTANCE, Rn (kip)	503	503
DOWNDRAG FRICTION, Rsdd (kip)	0	0
SCOUR ZONE FRICTION, Rsscour (kip)	N/A	N/A/ FOR PRECORED PILES DRIVEN TO PRACTICAL REFUSAL
RELAXATION IN SHALE, Rrelax (kip)	N/A	N/A
MAXIMUM NOMINAL DRIVING RESISTANCE, Rndr (kip)	503	503
ESTIMATED PILE TIP ELEVATION - NO PRECORING	878	xx
ESTIMATED PILE TIP ELEVATION - WITH PRECORING	868	xx
REQUIRED PILE TIP ELEVATION (3 ft into Scour Resistant Rock)	N/A	862

*Based on 701.05 (a). A resistance factor of 0.7 and highr nominal resistance can be used if 701.05 (b) (PDA) is utilized. A 20 percent reduction is required if four or fewer piles are used.

NOTE:

For Soil Boring Logs, see Sheet No. 9.

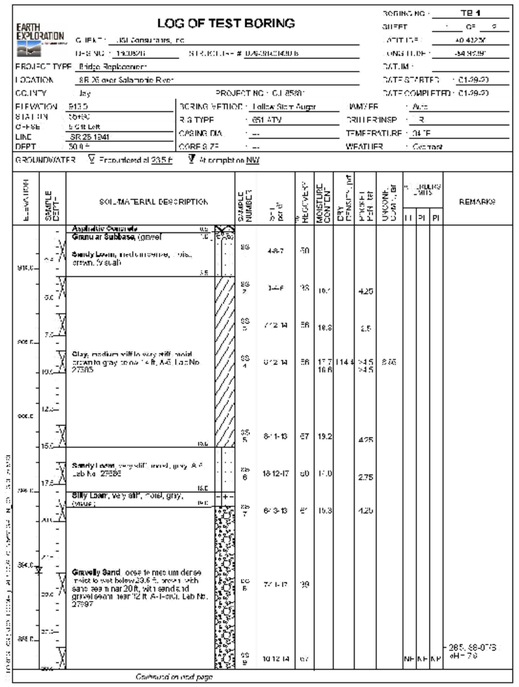
NOT FOR CONSTRUCTION

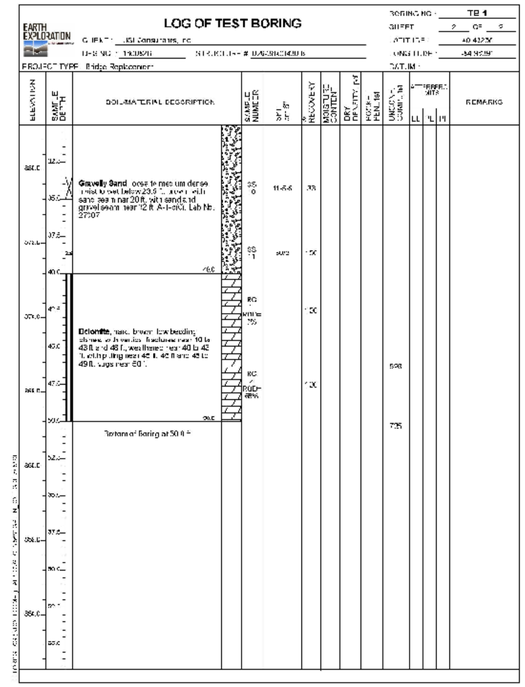
DESIGNED: RTW DRAWN: BDC
CHECKED: JMH CHECKED: JMH

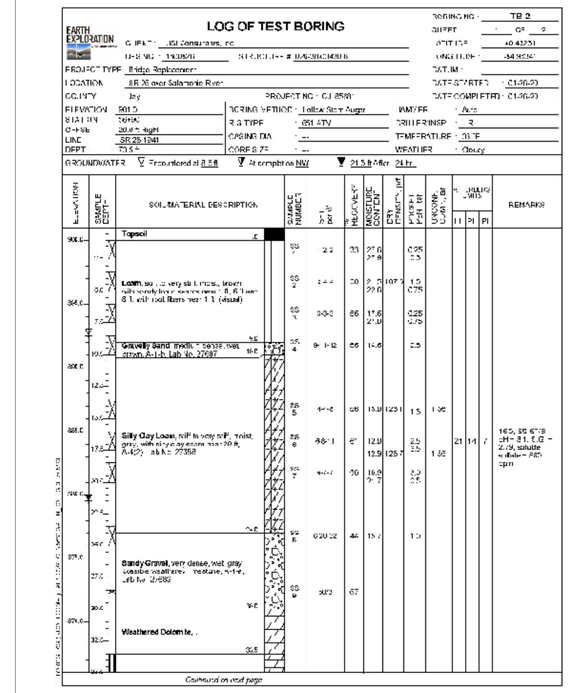
INDIANA
DEPARTMENT OF TRANSPORTATION

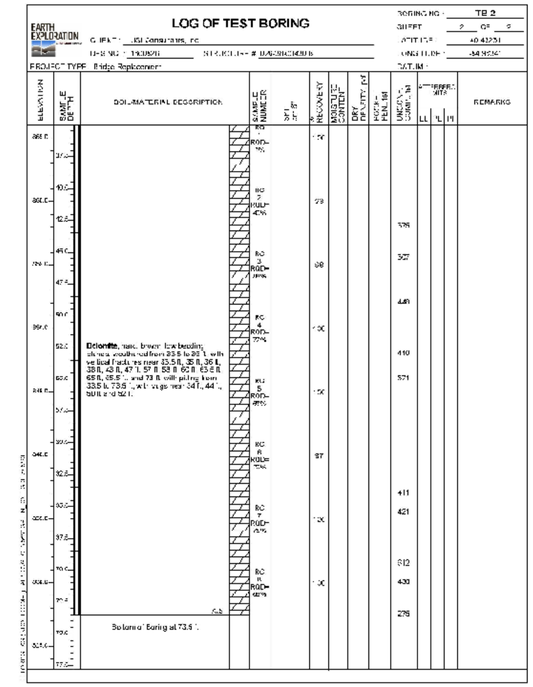
SOIL BORINGS

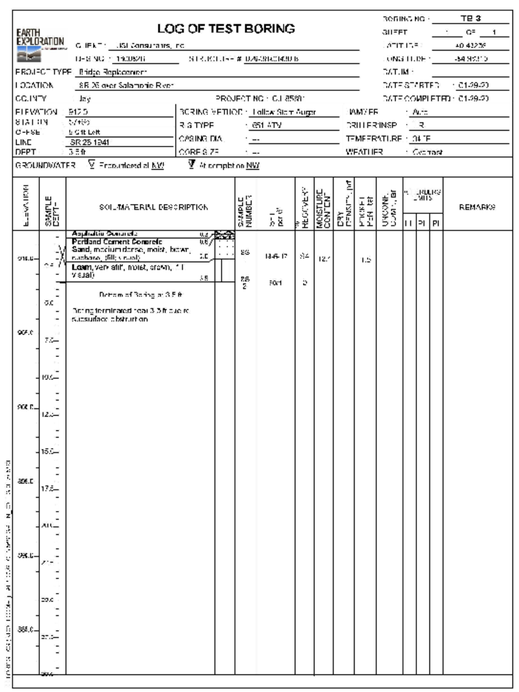
HORIZONTAL SCALE	BRIDGE FILE
3/32" = 1'-0"	026-38-10192 A
VERTICAL SCALE	DESIGNATION
3/32" = 1'-0"	1600828
SURVEY BOOK	SHEETS
	8 of 26
CONTRACT	PROJECT
B 39818	1600828

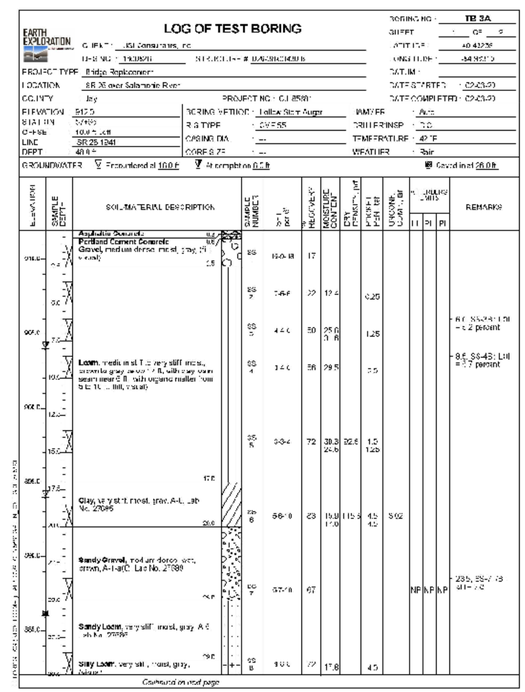


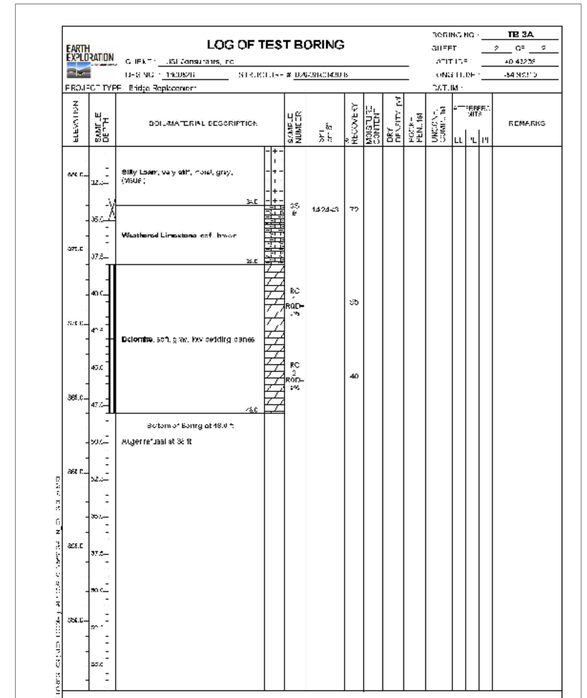












NOTE:

For Soil Boring Locations, see Sheet No. 8.

NOT FOR CONSTRUCTION

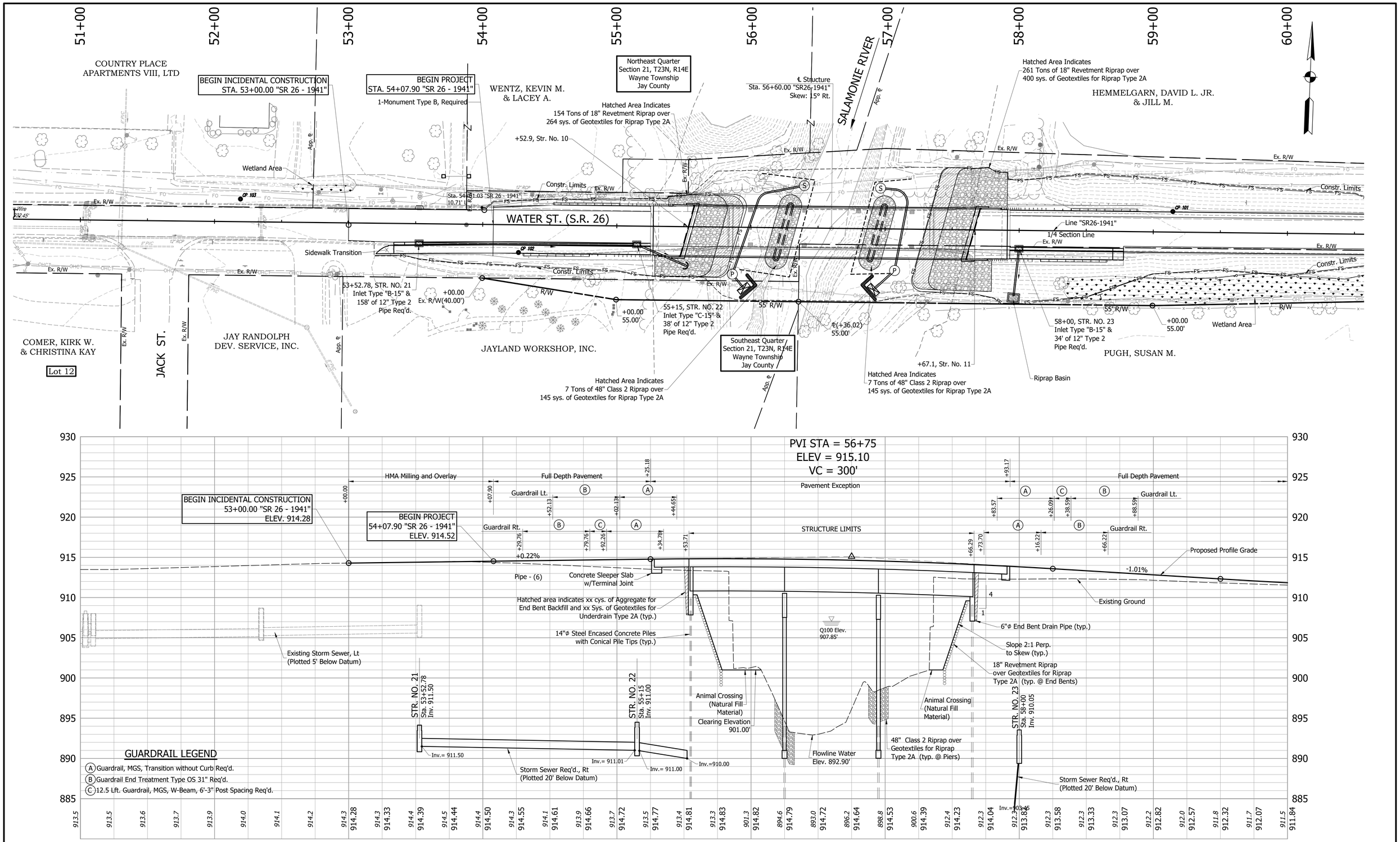
DESIGNED: JMH DRAWN: BDC

CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

HORIZONTAL SCALE	BRIDGE FILE
3/32" = 1'-0"	026-38-10192 A
VERTICAL SCALE	DESIGNATION
3/32" = 1'-0"	1600828
SURVEY BOOK	SHEETS
	9 of 26
CONTRACT	PROJECT
B 39818	1600828



LEGEND

- Filter Sock
- Temporary Diversion
- Dewatering Pump
- Sump Hole
- Pump Discharge Bag
- Modified Check Dam
- Animal Crossing (Natural Fill Material)
- Temporary Inlet Protection (Filter Bag Insert)
- Temporary Outlet Protection
- Temporary Snow Fence
- Sheet Sign "DO NOT DISTURB WETLAND"

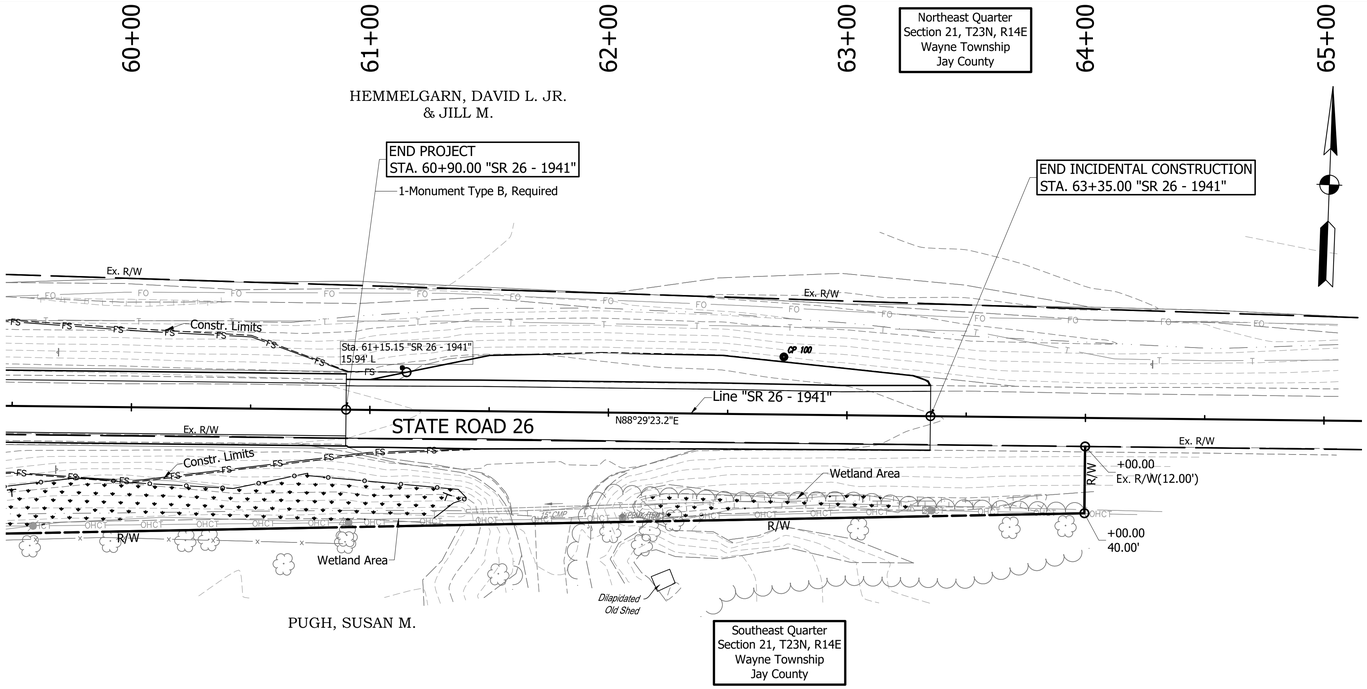
NOT FOR CONSTRUCTION

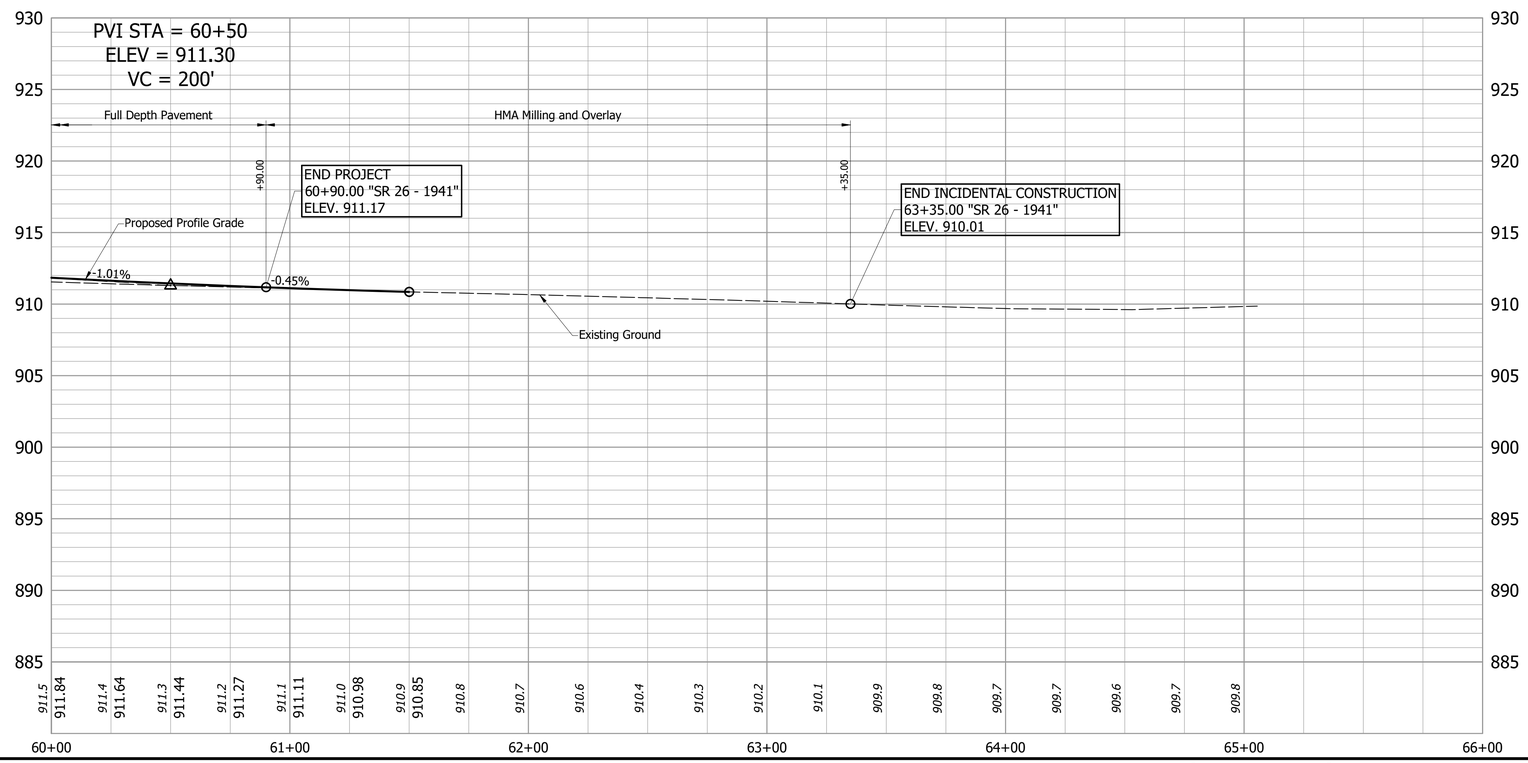
DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" =30'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	10 of 26
CONTRACT	PROJECT
B 39818	1600828





LEGEND

- FS — Filter Sock
- Temporary Diversion
- (P) Dewatering Pump
- (S) Sump Hole
- Pump Discharge Bag
- Modified Check Dam
- Animal Crossing (Natural Fill Material)
- Temporary Inlet Protection (Filter Bag Insert)
- Temporary Outlet Protection
- Temporary Snow Fence
- Sheet Sign "DO NOT DISTURB WETLAND"

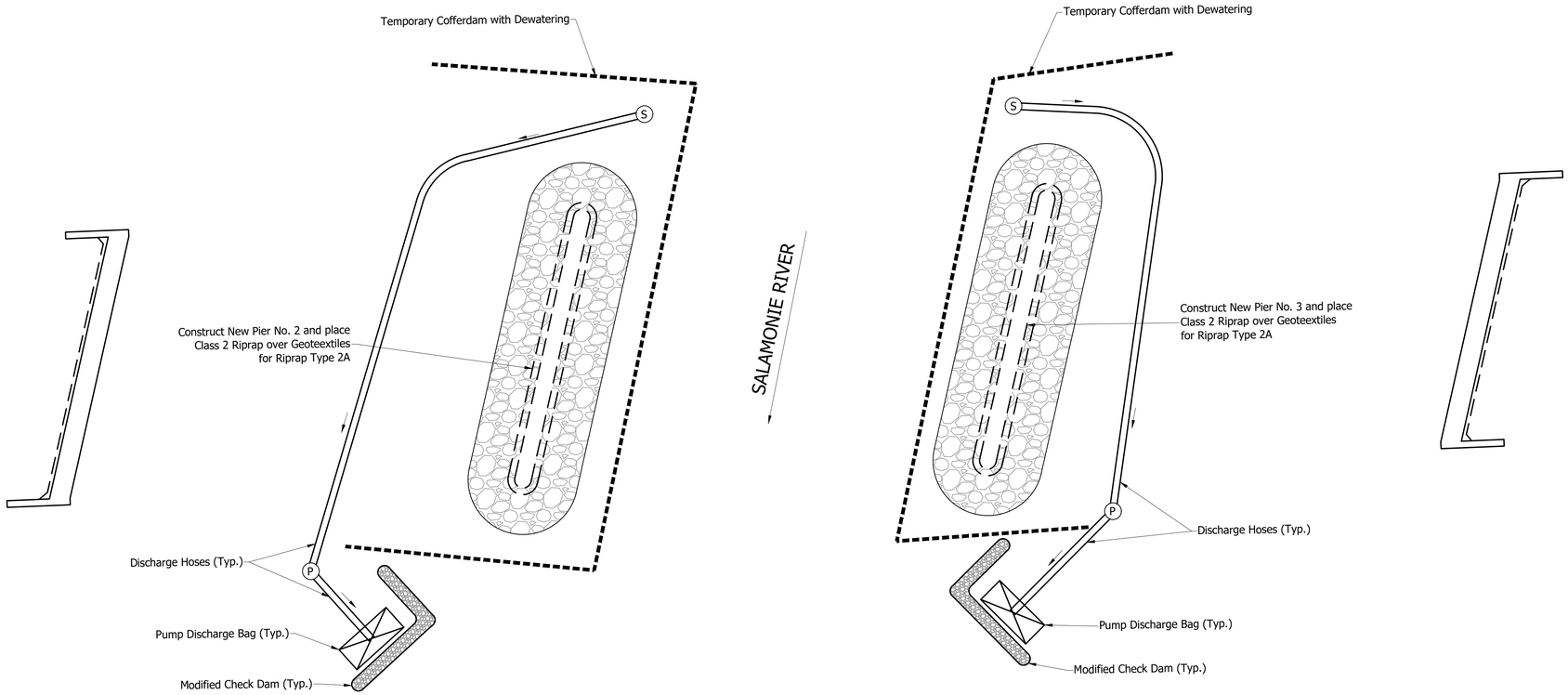
NOT FOR CONSTRUCTION

DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" =30'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	11 of 26
CONTRACT	PROJECT
B 39818	1600828



PUMP AROUND DETAIL
FOR PIER CONSTRUCTION

No Scale
(IF NEEDED TO COMPLY WITH CONDITIONS OF APPLICABLE PERMITS)

TEMPORARY EROSION AND SEDIMENT CONTROL TABLE

LOCATION		Temporary Filter Sock	Snow Fence	Temporary Inlet Protection	Temporary Outlet Protection	Sheet Sign "DO NOT DISTURB WETLAND"	Riprap Basin (Revetment Riprap)	Riprap Basin (No. 8 Stone)
STATION TO STATION	LT./RT.	Lft.	Lft.	Each	Each	Each	Ton	Cys.
54+01 TO 55+96 "SR 26 - 1941"	LT.	190						
53+20 TO 55+77 "SR 26 - 1941"	RT.	258						
53+52.29 "SR 26 - 1941"	29.25' RT.				1			
53+52.78 "SR 26 - 1941"	RT.			1				
55+15 "SR 26 - 1941"	RT.			1				
55+97 RT. TO 55+96 LT. "SR 26 - 1941"	UNDER BR.	55						
55+27 RT. TO 57+47.5 LT. "SR 26 - 1941"	UNDER BR.	103						
57+47.5 TO 61+15 "SR 26 - 1941"	LT.	376						
57+27 TO 61+43 "SR 26 - 1941"	RT.	420						
57+96.39 "SR 26 - 1941"	48.91' RT.				1			
58+00 "SR 26 - 1941"	RT.						4	1
58+36 TO 61+41 "SR 26 - 1941"	RT.		328					
58+61 "SR 26 - 1941"	RT.					1		
59+50 "SR 26 - 1941"	RT.					1		
61+33 "SR 26 - 1941"	RT.					1		
TOTALS		1402	328	3	1	3	4	1

SIGN DETAIL
1:5

Panel Style: Do Not sign.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	0'-10" x 0'-8"
BORDER WIDTH	0.25"
CORNER RADIUS	0.75"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: White
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																				LENGTH	SERIES/SIZE
D	O		N	O	T																D 2000
2.5	3.4	4.1	5.1	6	6.9															5	1
D	I	S	T	U	R	B															D 2000
2.3	3.2	3.6	4.3	5.1	6	6.9														5.2	1
W	E	T	L	A	N	D															D 2000
2.1	3.2	3.9	4.6	5.3	6.3	7.2														5.8	1

NOTE:

The contractor will be responsible to submit a plan for protecting the waterway during construction activities. No construction debris shall enter the waterway. The contractor will maintain a clean worksite throughout construction.

Perimeter protection shall be installed prior to land disturbance activities. For Temporary Erosion Control Perimeter Construction Entrance, see Standard Dwg. E205-TECP-01.

The Contractor shall design, furnish, install, test, operate, monitor and maintain a dewatering system of sufficient scope, size, and capacity to prevent water flow into excavations and allow water and construction operations to proceed on dry, stable subgrades.

Disturbed areas shall be stabilized within 14 days of inactivity. Disturbed areas shall be restored to their existing conditions prior to the completion of the project.

Contractor to determine method for cofferdam construction and dewatering. Revisions to the erosion control details may require the contractor to submit any revisions to the appropriate jusristictional agency. The contractor is responsible for adhering to the local, state and federal permit conditions as included in the contract documents. Any deviations from the permit conditions will be the responsibility to coordinate with the appropriate regulatory agency at no cost or delay to the project.

LEGEND

- FS — Filter Sock
- Temporary Diversion
- (P) Dewatering Pump
- (S) Sump Hole
- Pump Discharge Bag
- Modified Check Dam
- Animal Crossing (Natural Fill Material)
- Temporary Inlet Protection (Filter Bag Insert)
- Temporary Outlet Protection
- Temporary Snow Fence
- Sheet Sign "DO NOT DISTURB WETLAND"

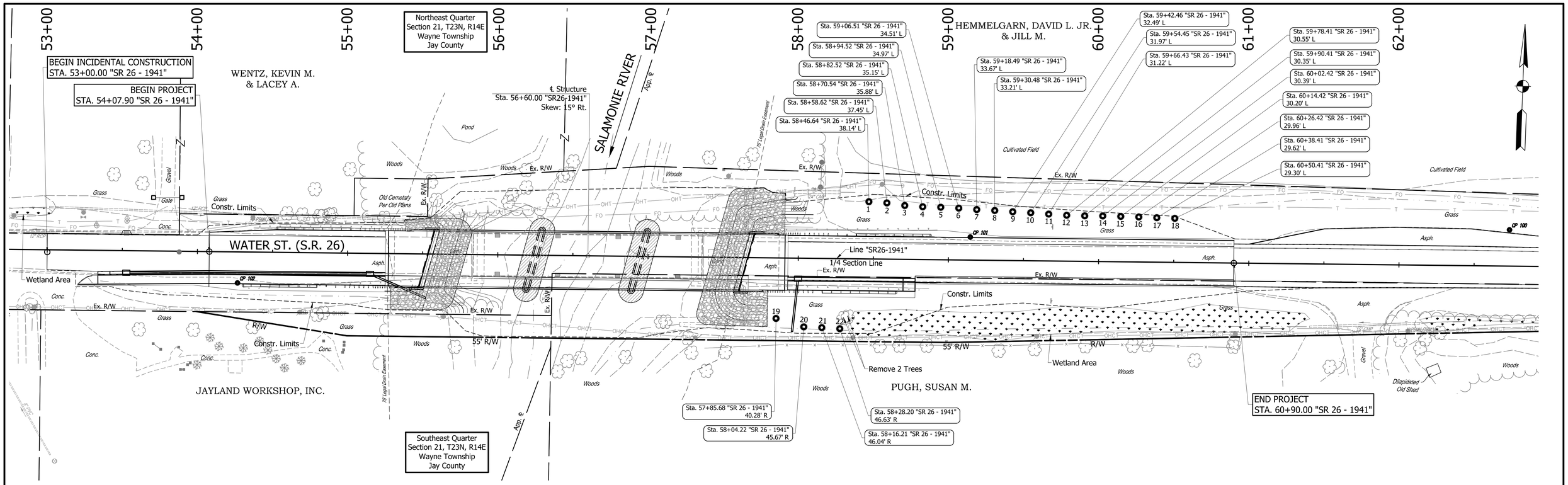
NOT FOR CONSTRUCTION

DESIGNED: RTW DRAWN: BDC
CHECKED: JMH CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	026-38-10192 A
VERTICAL SCALE	DESIGNATION
AS NOTED	1600828
SURVEY BOOK	SHEETS
	12 of 26
CONTRACT	PROJECT
B 39818	1600828



PLANTINGS

WOODY RIPARIAN VEGETATION

The hatched 0.330 acre area shall be planted in accordance with NRC Bulletin 17 (Fifth Amendment) and the following specifications:

- 27 trees (1.0"-2.0" dbh) shall be planted
- 35 shrub/understudy trees shall be planted
- A minimum of 5 canopy tree species and at least 5 shrub/understory tree species listed on the Woody Riparian Vegetation table shall be planted
- Not more than 1 maple and at least 1 hickory and 1 oak species are selected
- At least 10% of trees are oak and hickory species
- A single species shall not be more than 20% of the shrubs and trees planted
- Shrubs and understory trees shall be planted between every other canopy tree and their species are mixed
- The number of species planted shall be approximately equal
- Canopy trees at 12' spa. on center
- Avoid grid pattern within planting area
- The sapling's root collar shall not be planted deeper than ½ inch below the finish ground surface
- Saplings are planted between either:
  - September 15 to the earlier of December 15 or until the ground has frozen; or
  - the latter of March 1 or when the frost leaves the ground in spring to June 1
- Planting area shall be mowed to height not more than 6 inches and not more than 10 days before saplings are planted
- INDOT Standard Specifications section 622 shall be strictly adhered to, u.n.o.
- Tree planting locations may be modified to best fit post-construction conditions upon approval from the Engineer.
- Species of trees may be substituted from the NRC Bulletin #17 Appendix A-Mitigation Plant Species upon approval from the Engineer
- No plantings within the Wetland nor the Legal Drain boundary will be allowed without prior approval from the Engineer

GENERAL NOTES:

The project entire area floods during the 100-year storm event.

The area shall not be fertilized.

The area shall be mulched.

LEGEND:

Tree Location

18" Revetment Riprap over Geotextiles for Riprap, Type 2A

48" Class 2 Riprap over Geotextiles for Riprap, Type 2A

WOODY RIPARIAN VEGETATION (CANOPY)

COMMON NAME	SCIENTIFIC NAME	SIZE/CLASS
CANOPY TREE SPECIES		
SWAMP WHITE OAK	Quercus bicolor	Large Canopy Tree
BITTERNUT HICKORY	Carya cordiformis	Large Canopy Tree
BUR OAK	Quercus macrocarpa	Large Canopy Tree
BLACK WALNUT	Juglans nigra	Large Canopy Tree
RIVER BIRCH	Betula nigra	Large Canopy Tree
AMERICAN BEECH	Fagus grandifolia	Large Canopy Tree
SHELLBARK HICKORY	Carya Iaciniosa	Large Canopy Tree
WHITE OAK	Quercus alba	Large Canopy Tree
BLACK GUM	Nyssa sylvatica	Medium Canopy Tree
PIN OAK	Quercus rubra	Small Canopy Tree

WOODY RIPARIAN VEGETATION (UNDERSTORY)

COMMON NAME	SCIENTIFIC NAME	SIZE/CLASS
UNDERSTORY TREE SPECIES		
OHIO BUCKEYE	Aesculus glabra	Large Understory Tree
BLACK WILLOW	Salix nigra	Large Understory Tree
HOP HORNBEAM	Ostrya virginiana	Medium Understory Tree
AMERICAN HORNBEAM	Carpinus caroliniana	Medium Understory Tree
PEACHLEAF WILLOW	Salix amygdaloides	Small Understory Tree
COMMON PAW PAW	Asimina triloba	Small Understory Tree
ALTERNATE-LEAF DOGWOOD	Conrnus alternifolia	Small Understory Tree
COCKSPUR HAWTHORN	Crataegus crus-galli	Small Understory Tree
DOWNY HAWTHORN	Crataegus punctata	Small Understory Tree

WOODY RIPARIAN VEGETATION (SHRUBS)

COMMON NAME	SCIENTIFIC NAME	SIZE/CLASS
SHRUB SPECIES		
AMERICAN BLADDERNUT	Staphylea trifolia	Medium Shrub
BUTTONBUSH	Cephalanthus occidentalis	Medium Shrub
ROUGHLEAF DOGWOOD	Cornus drummondii	Medium Shrub
PALE DOGWOOD	Cornus reacemosa	Medium Shrub
RED-OISER DOGWOOD	Cornus sericea	Medium Shrub
SPICEBUSH	Lindera benzoin	Medium Shrub
PURPLE CHOKEBERRY	Photina floribunda	Medium Shrub
BLACK CHOKEBERRY	Photinia melancarpa	Medium Shrub
SANDBAR WILLOW	Salix Interior	Medium Shrub
NANNYBERRY	Viburnum prunifolium	Medium Shrub

IRRIGATION NOTES

Contractor shall ensure that all material is thoroughly watered at the time of planting, and once every week during the period of establishment. Supplemental watering shall be required if rainfall is inadequate. Seeded areas should receive the equivalent of 1 inch of water per week if planted from March to July. In the Midwest, most areas normally receive adequate rainfall during this period and do not require irrigation. Irrigation is highly recommended if seeding is performed during July or August when temperatures are hotter and rains more infrequent. All irrigation should be done in such a manner as to limit runoff and not displace the seed or soil.

NATIVE HERBACEOUS SEED PLANTING NOTES

Generally, the area hatched on the plans is the planting area. Seed mix should consist of INDOT Seed Mix, Floodway or approved equal. Topsoil should be applied after seeding to a minimum thickness that is just enough to cover the seed (one-eight inch maximum). If seeding along a slope of 3:1 or steeper, erosion control mats (or similar product) shall provide immediate erosion control and help establish vegetation. Existing grass and weeds should be killed with the application of glyphosate-based herbicide prior to seeding.

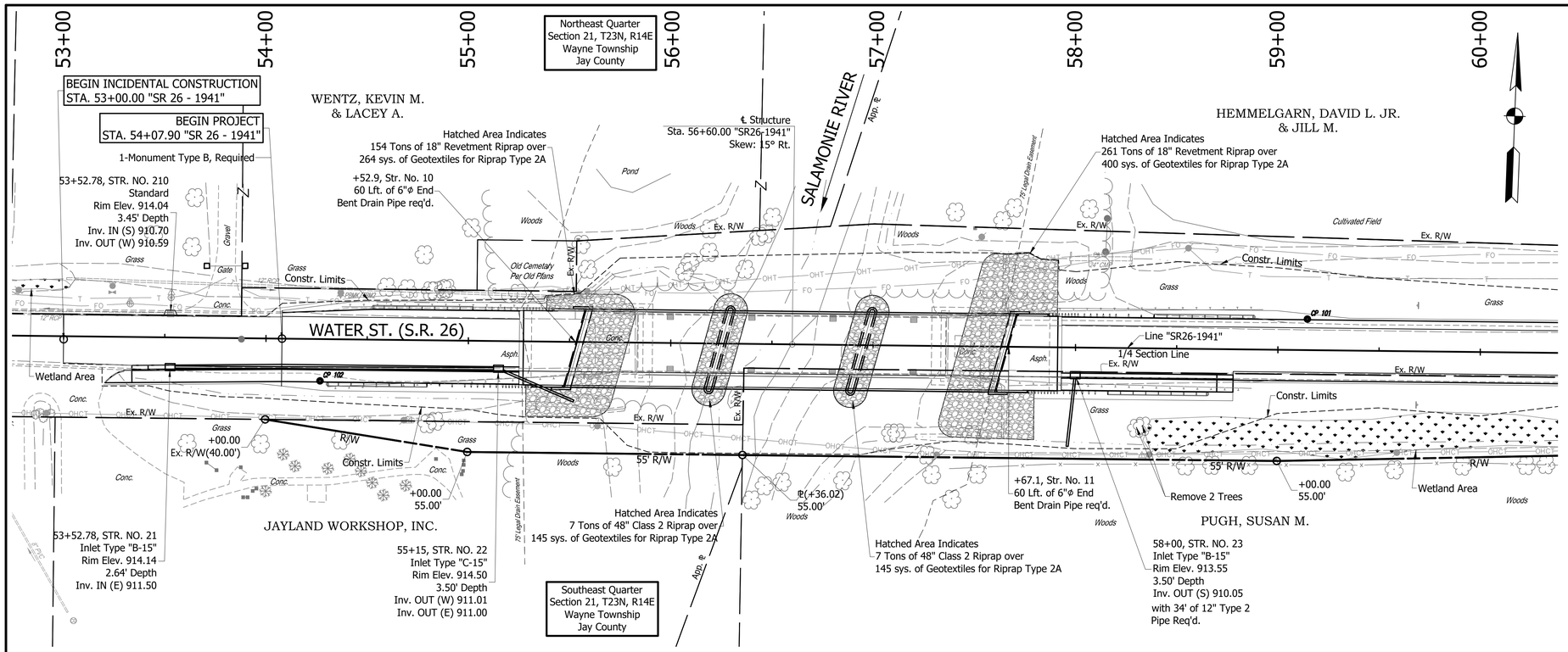
NOT FOR CONSTRUCTION

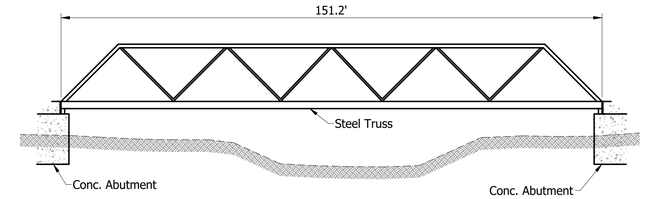
DESIGNED: RTW | DRAWN: BDC
CHECKED: JMH | CHECKED: RTW

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE PLANTING PLAN

HORIZONTAL SCALE	BRIDGE FILE
1" =30'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
N/A	1600828
SURVEY BOOK	SHEETS
	13 of 26
CONTRACT	PROJECT
B 39818	1600828



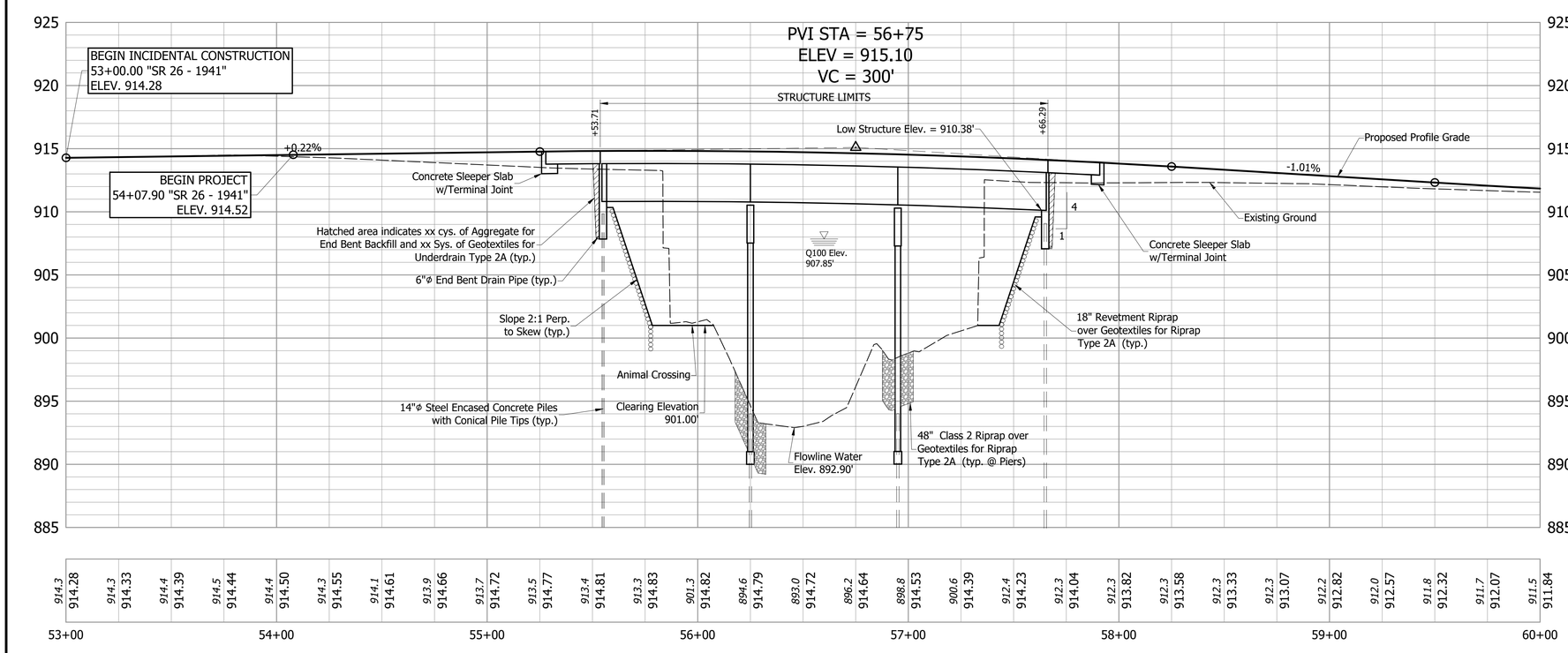


EXISTING STRUCTURE

One Span Steel Truss Bridge
(Structure to be Removed)
Not to Scale

HYDRAULIC DATA

SITE DATA:	
Drainage Area:	= 44 sq. mile
Q100 Discharge:	= 4,100 cfs
Q100 Elevation:	= 907.85 ft.
Q500 Discharge:	= 5,330 cfs
EXISTING STRUCTURE	
Existing Waterway Opening below Q100 Elevation (Str.):	= 1,522.16 sq. ft.
Existing Road Overflow Waterway Area:	= 0 sq. ft.
Existing Low Structure Elevation:	= 908.70 ft.
Existing Backwater:	= 0.32 ft.
Skew:	= 0 degrees
PROPOSED STRUCTURE	
Backwater:	= 0.27 ft.
Average Velocity At Q100:	= 2.40 ft./sec.
Low Structure Elevation:	= 910.38'
Gross Waterway Opening Req'd. Below Q100 Elevation (Str.):	= 1,735.09 sq. ft.
Road Overflow Waterway Area:	= 0 sq. ft.
Q100 SCOUR	
Q100 Contraction Scour:	= 19.34 ft.
Q100 Pier Scour Depth:	= 4.54 ft.
Q100 Total Scour Depth:	= 23.88 ft.
Q100 Low Scour Elevation:	= 869.02 ft.
Max. Velocity @ Q100:	= 3.26 ft./sec.
Q500 SCOUR	
Q500 Contraction Scour:	= 27.52 ft.
Q500 Pier Scour Depth:	= 4.82 ft.
Q500 Total Scour Depth:	= 32.34 ft.
Q500 Low Scour Elevation:	= 860.56 ft.
Max. Velocity @ Q500:	= 3.65 ft./sec.



CONTINUOUS COMPOSITE PRESTRESSED CONCRETE BULB TEE BEAM BRIDGE

THREE SPANS @ 70'-0", 70'-0", 70'-0"
SKEW: 15° RT.
28'-4" CLEAR ROADWAY WIDTH
S.R. 26 OVER SALAMONIE RIVER
JAY COUNTY, INDIANA

NOT FOR CONSTRUCTION

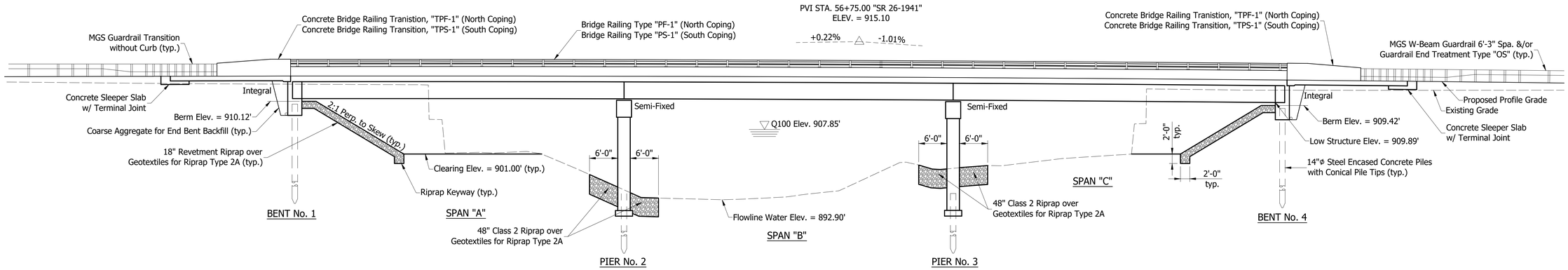
DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

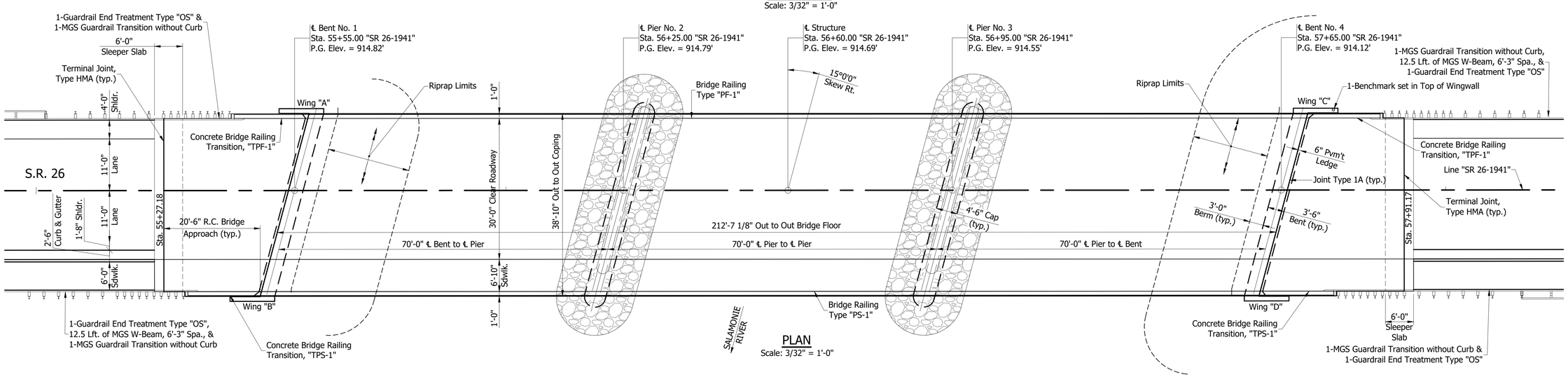
LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	14 of 26
CONTRACT	PROJECT
B 39818	1600828

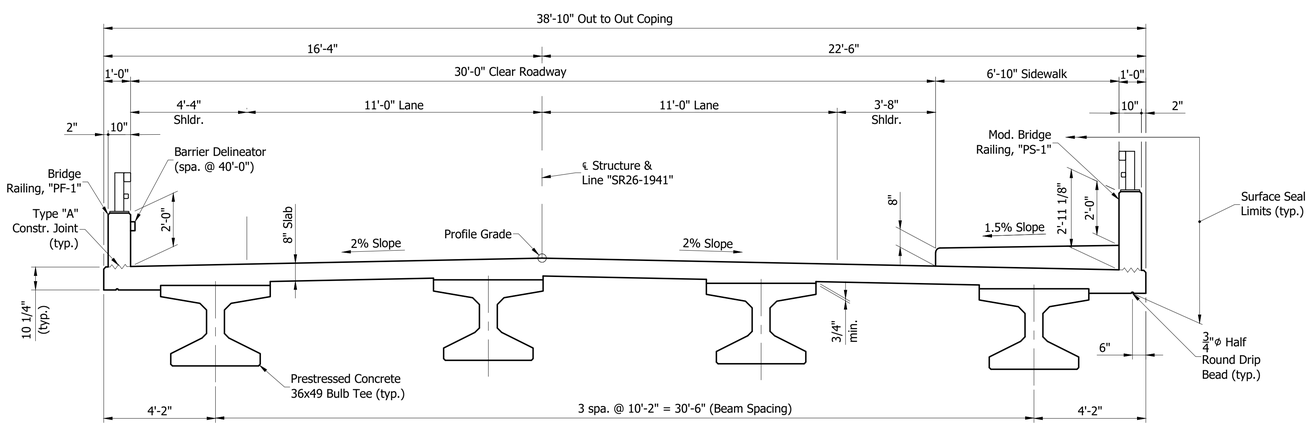
STRUCTURE TO BE BUILT TO A 300' VERTICAL CURVE



ELEVATION
Scale: 3/32" = 1'-0"



PLAN
Scale: 3/32" = 1'-0"



SR26 - TYPICAL BRIDGE SECTION
Scale: 3/8" = 1'-0"

DESIGN DATA:

Superstructure and Substructure designed for HL-93 loading, in accordance with AASHTO LFRD Bridge Design Specifications, 8th Edition, 2017, and subsequent Interim Specifications.

Designed for actual dead load plus 35#/sft. future wearing surface, and 15#/sft. additional for use of Permanent Metal Deck Forms.

Slab designed with 1/2" wearing surface.

UNIT STRESSES:

Class "C" Concrete	F'c = 4,000 psi.
Class "A" Concrete	F'c = 3,500 psi.
Class "B" Concrete	F'c = 3,000 psi.
Reinforcing Steel (Grade 60)	Fy = 60,000 psi.

Seismic Design Data:
Selsmic Performance Zone: 1
Acceleration Coefficient: S_{D1} = 0.071
Peak Ground Acceleration (PGA) = 0.042
Seismic Soil Profile Type: Class "C"

GENERAL NOTES:

All dimensions are in feet and inches and all elevations are in feet unless otherwise noted.

Reinforcing steel covering to be 2 1/2" in top and 1" min. in bottom of floor slabs, 3" in footings except bottom steel to be 4", and 2" in all other parts, unless noted.

Concrete in end bents, floor slab, concrete barrier railing, and wingwalls is to be Class "C".

Surface Seal exposed surfaces of wingwalls, face of deck coping, underside of bridge floor from coping to face of outside beams, bridge deck, approach slabs, concrete bridge railing type "PF-1", and "PS-1", concrete bridge railing transitions type "TPF-1", and "TPS-1", and top of pier caps.
Estimated Quantity = xx Sft.

CONTINUOUS COMPOSITE PRESTRESSED CONCRETE BULB TEE BEAM BRIDGE

THREE SPANS @ 70'-0", 70'-0", 70'-0"
SKEW: 15° RT.
28'-4" CLEAR ROADWAY WIDTH
S.R. 26 OVER SALAMONIE RIVER
JAY COUNTY, INDIANA

NOT FOR CONSTRUCTION

DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	026-38-10192 A
VERTICAL SCALE	DESIGNATION
AS NOTED	1600828
SURVEY BOOK	SHEETS
	15 of 26
CONTRACT	PROJECT
B 39818	1600828

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT, RIGHT OR CROSS	LOCATION: OFFSET	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	RIM ELEVATION	SKEW	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	STRUCTURE BACKFILL TYPE 5	REVETMENT RIPRAP	RIPRAP CLASS 1	RIPRAP CLASS 2	GEOTEXTILES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS
			FT	IN			LFT			LFT	ELEV	ELEV	YRS				CYS	CYS	CYS	TONS	TONS	TONS	SYS	EA	TYPE	SLOPE	EA	SLOPE	EA		
210	53+52.78	LEFT	11.69			Ex. Inlet Type "C-15"		914.04					x	x	x	x															Core 12" Hole into south face of existing stru.
21	53+52.78	RIGHT	14.45	12	2	Inlet Type "C-15"	25	914.15			910.80	910.70	x	x	x	x														210	
22	55+15.00	RIGHT	12.00	12	2	Inlet Type "B-15"	162	914.53			911.50	911.01	x	x	x	x														21	

UNDERDRAIN TABLE

LINE "SR 26-1941", RIGHT

UNDERDRAIN PIPE: UNDERDRAIN PIPE LIMITS	TYPE 4 PIPE: 4 INCH	TYPE 4 PIPE: 6 INCH	GEOTEXTILES FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEV. @ UNDERDRAIN LIMIT	OUTLET PIPE REQ'D.	CONNECT UNDERDRAIN PIPE TO STR. NO.	STRUCTURE INVERT ELEVATION	OUTLET PIPE: 45° ELBOWS REQ'D. (1 OR 2)	OUTLET PIPE: 6 INCH OUTLET	OUTLET STATION	OUTLET ELEVATION	OUTLET @ OUTLET PROTECTOR NO.	DITCH FLOW LINE ELEV. @ OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STR. NO.	STRUCTURE INVERT ELEVATION	STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTORS: OUTLET PROTECTOR NO.	OUTLET PROTECTOR TYPE	LOCATION: OUTSIDE LEFT	LOCATION: MEDIAN LEFT	LOCATION: MEDIAN RIGHT	LOCATION: OUTSIDE RIGHT	REMARKS
	LFT	LFT	SYS	CYS	TONS	%		Y/N				LFT							CYS	TONS							
53+33.87							*x*	*N*																			
53+52.78		*19*	*x*	*x*			*x*		*21*	*910.80*																*x*	
53+52.78		*163*	*x*	*x*					*21*	*911.01*																	
55+15.00									*22*	*911.50*																*x*	
55+15.00		*13*	*x*	*x*					*22*	*911.50*																	
55+27.85																										*x*	

PIPE MATERIAL TABLE

STRUCTURE NUMBER			21	22	
PIPE TYPE / SHAPE			2 / CIR	2 / CIR	
SMOOTH PIPE SIZE			12"	12"	
CORRUGATED PIPE SIZE					
RCP / RCHEP (S)	CLASS				
	$D^{0.01}$ RATING				
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)					
CORRUGATED PE PIPE, TYPE S (S) *					
RIBBED PE PIPE (S) *					
SMOOTH WALL PE PIPE (S)*/ MAXIMUM DR					
PROFILE WALL PVC PIPE (S)					
SMOOTH WALL PVC PIPE (S) *					
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)					
CORRUGATED STEEL PIPE/ PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR. PROFILE			
		THICKNESS			
	ZINC COATED (C)	CORR. PROFILE			
		THICKNESS			
	ZINC COATED W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE			
		THICKNESS			
	ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE			
		THICKNESS			
	POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE			
		THICKNESS			
	FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE			
		THICKNESS			
	CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	STR. PLATE ALUMINUM ALLOY PIPE (C)	CORR. PROFILE			
		THICKNESS			
	STR. PLATE ALUMINUM ALLOY PIPE W/ CFP (C)	CORR. PROFILE			
		THICKNESS			
	STR. PLATE STEEL PIPE (C)	CORR. PROFILE			
		THICKNESS **			
	STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE			
		THICKNESS **			

LEGEND

RCP-	REINFORCED CONCRETE PIPE
RCHEP-	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE
PE-	POLYETHYLENE
DR-	DIMENSION RATIO
PVC-	POLYVINYL CHLORIDE
BIT-	BITUMINOUS
CORR-	CORRUGATION
BPI-	BITUMINOUS PAVED INVERT
ALUM-	ALUMINUM
STR-	STRUCTURAL
CFP-	CONCRETE FIELD PAVING
CIR-	CIRCULAR PIPE
DEF-	DEFORMED PIPE
(S)-	SMOOTH PIPE MATERIAL
(C)-	CORRUGATED PIPE MATERIAL
OK-	ACCEPTABLE FOR USE
(LS)-	LOCK SEAM PIPE REQUIRED
*-	REFER TO STANDARD DRAWING 715-PHCL-18 OR 19 FOR NOMINAL DIAMETER APPROPRIATE FOR PAY ITEM DIAMETER
**-	TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABE THICKNESS.

NOT FOR CONSTRUCTION

DESIGNED: JMH DRAWN: BDC

CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
NONE	026-38-10192 A
VERTICAL SCALE	DESIGNATION
NONE	1600828
SURVEY BOOK	SHEETS
	16 of 26
CONTRACT	PROJECT
B 39818	1600828

SUMMARY OF BRIDGE QUANTITIES

ITEM	CONCRETE CLASS C SUPERSTR	CONCRETE CLASS A SUBSTR	CONCRETE CLASS B IN FTG.	CONCRETE RAILING CLASS C		REINF. STEEL	EPOXY COATED REINF. STEEL	PILES 14"ø CONC. STEEL SHELL ENCASED		14"ø CONC. STEEL SHELL ENCASED EPOXY COAT.		STEEL H HP12 x 53		STEEL H EPOXY COATED		STEEL H REINF. CONC. ENCASED		PILE TIP STEEL H	CORED HOLES IN ROCK		SURFACE SEAL **	RAILING PS-1	RAILING PF-1	CONCRETE BRIDGE RAILING TRANSITION, TPS-1	CONCRETE BRIDGE RAILING TRANSITION, TPF-1	SUBBASE FOR PCCP	R.C. BRIDGE APPROACH (12")	CONC. STR. MEMBERS PRESTRESSED CONCRETE 36 X 49 BULB-TEE	CAST IRON GRATES, BASINS & FITTINGS	CAST IRON DRAIN PIPE, 6"ø	TERMINAL JOINT, TYPE HMA
	cys	cys	cys	cys	lft.	lbs.	lbs.	no.	lft.	no.	lft.	no.	lft.	no.	lft.	no.	lft.	each	no.	lft.	sft.	lft.	lft.	each	each	cys.	sys.	lft.	each	lbs.	lft.
SUPERSTRUCTURE	xx			x			x														x	x	x					x	x	x	
BENT NO. 1		x					x	x	x												x										
PIER NO. 2		x					x	x	x	x	x																				
PIER NO. 3		x					x	x	x	x	x																				
BENT NO. 4		x					x	x	x												x										
WEST APPROACH SLAB							x														x			x	x	x	x				x
EAST APPROACH SLAB							x														x			x	x	x	x				x
TOTALS	x	x		x			x		x		x										x	x	x	x	x	x	x	x	x	x	x

** ESTIMATED QUANTITY

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE COMPACTED AGGREGATE BASE	*HMA*	CONCRETE	GRADE 1	GRADE 2	EXCAVATION CUT	EXCAVATION FILL	CLEAR ZONE AT DRIVE	QC/QA-HMA, 3, 64 SURFACE 9.5 mm		INTERMD. 19.0 mm		BASE 25.0 mm		QC/QA-HMA, 2, 64 SURFACE 9.5 mm		INTERMD. 19.0 mm		BASE 25.0 mm		HMA SURFACE 9.5 mm, SHLDR.		HMA BASE 25.0 mm, SHLDR.		BITUMINOUS MATERIAL FOR PRIME COAT	TACK COAT	COMPACTED AGGREGATE FOR SHLDR. NO. 53 DEPTH (in.) 6	10	COMPACTED AGGREGATE FOR SURFACE NO. 73 DEPTH (in.)		SUBGRADE TREATMENT TYPE IC	SUBGRADE TREATMENT TYPE xxx	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	JOINT SEALANT
		ft.	ft.	ft.	ft.	tons	tons	sft.	%	%	cys	cys	ft.	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	lbs./syd.	tons	syd	tons	tons	tons	tons	tons	sys.	sys.	lft.	lft.	lft.
Sta. 53+00.00 to Sta. 55+25.18 "SR 26-1941"	Mainline													x	x							x	x	x	x						x		x			x		x	x	x
Sta. 57+93.17 to Sta. 63+35.00 "SR 26-1941"														x	x							x	x	x	x						x		x			x		x	x	x
TOTALS															x								x		x						x	x	x			x		x	x	x

APPROACH STRUCTURES

STRUCTURE NUMBER	LOCATION STATION	LEFT	RIGHT	CROSS	SIZE	DESCRIPTION TYPE	KIND	LENGTH	SKEW	FLOW LINE COVER	UP STREAM	DOWN STREAM	BACKFILL TYPE	STRUCTURE BACKFILL	REVETMENT RIPRAP	CONCRETE CLASS "A"	PIPE END SECTION	AGGREGATE FOR END BENT BACKFILL	GEOTEXTILES	GRATED BOX END SECTION		CONNECT TO STR.	REMARKS
					inches			lft.		*ft.*	elev.	elev.		cys.	tons	cys.	ea.	cys.	sys.	type	slope		
10	xx+xx "A"			X	6	3	End Bent Drain Pipe	x										x	x				
11	xx+xx "A"			X	6	3	End Bent Drain Pipe	x										x	x				

GUARDRAIL SUMMARY TABLE

LOCATION FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	MGS GUARDRAIL TRANSITION WITH OUT CURB	GUARDRAIL MGS W-BEAM, 3'-6" SPACING	GUARDRAIL TRANSITION, TGB	RAILING TS-1 NESTED	W-BEAM GUARDRAIL SYSTEM TYPE 1	GUARDRAIL END TREATMENT, TYPE OS	TYPE 5 ANCHOR
						EACH	LFT	EACH	LFT	EACH	EACH	EACH
54+52.13	55+44.65	X				1					1	
54+29.76	55+34.78				X	1	12.5				1	
57+83.57	58+88.59	X				1	12.5				1	
57+73.70	58+66.22				X	1					1	
TOTALS						4	25.0				4	

TEMPORARY EROSION AND SEDIMENT CONTROL TABLE

LOCATION STATION TO STATION PLACED AT CONSTRUCTION LIMITS	LT./RT.	Temporary Silt Fence	Temporary Ditch Check, Straw Bales
xx+xx TO xx+xx "A"	LT.	xxx Lft.	
xx+xx TO xx+xx "A"	RT.	xxx Lft.	
xx+xx TO xx+xx "A"	LT.	xxx Lft.	
xx+xx TO xx+xx "A"	RT.	xxx Lft.	
TOTALS		xxx Lft.	

BENCHMARK

QTY.	LOCATION
1	SEE SPECIAL PROVISIONS

MONUMENT TABLE

STATION	OFFSET	MONUMENT
54+07.90 "SR 26-1941"	0.00 RT.	Type B
60+90.00 "SR 26-1941"	0.00 RT.	Type B

NOT FOR CONSTRUCTION

DESIGNED: JMH DRAWN: BDC

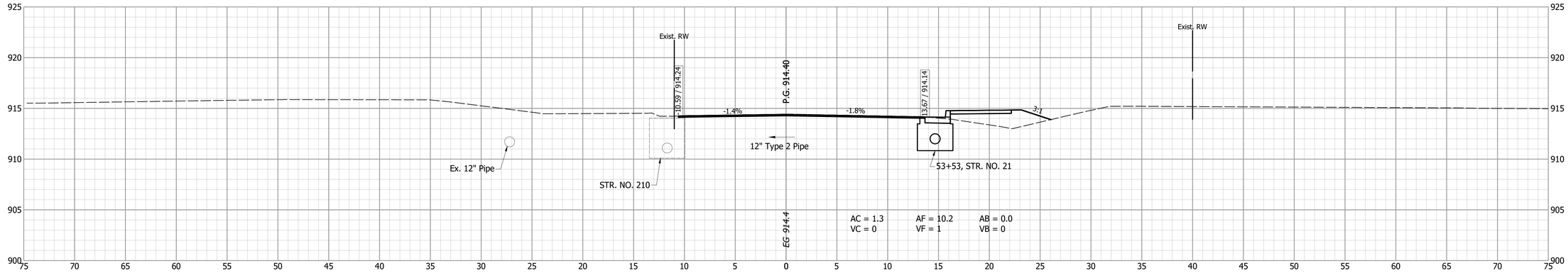
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

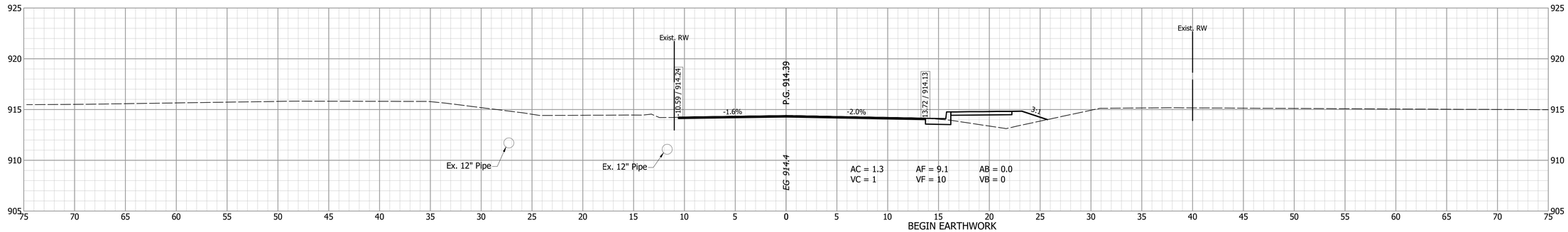
ROAD AND BRIDGE SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	026-38-10192 A
VERTICAL SCALE	DESIGNATION
NONE	1600828
SURVEY BOOK	SHEETS
	17 of 26
CONTRACT	PROJECT
B 39818	1600828

53+52.8



53+50



BEGIN EARTHWORK
STA. 53+20.03 "SR 26-1941"

53+00

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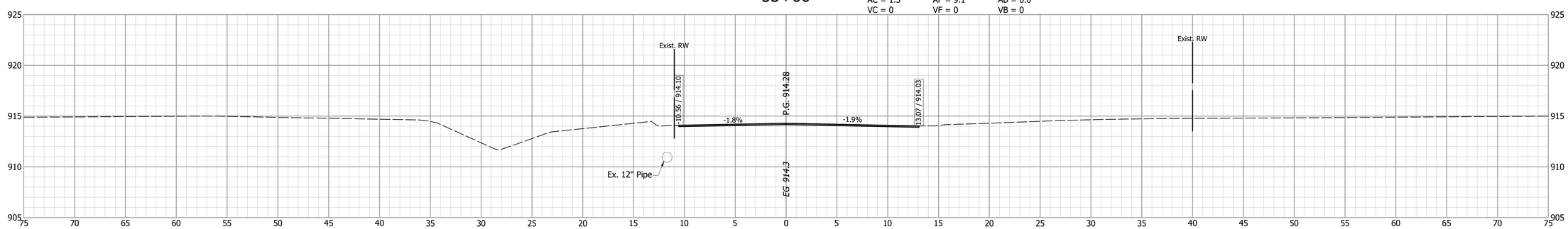
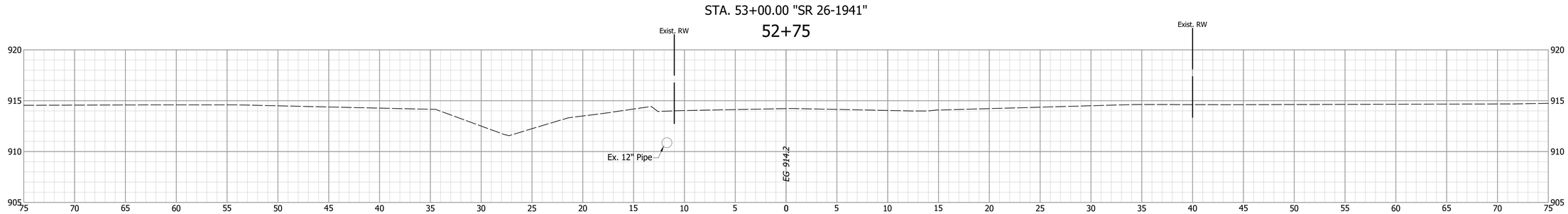
VC = 0 VF = 0 VB = 0



BEGIN INCIDENTAL CONSTRUCTION
STA. 53+00.00 "SR 26-1941"

52+75



NOT FOR CONSTRUCTION

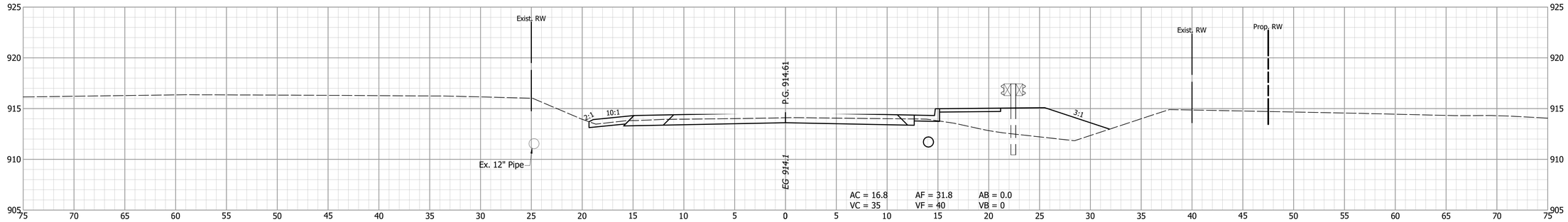
DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

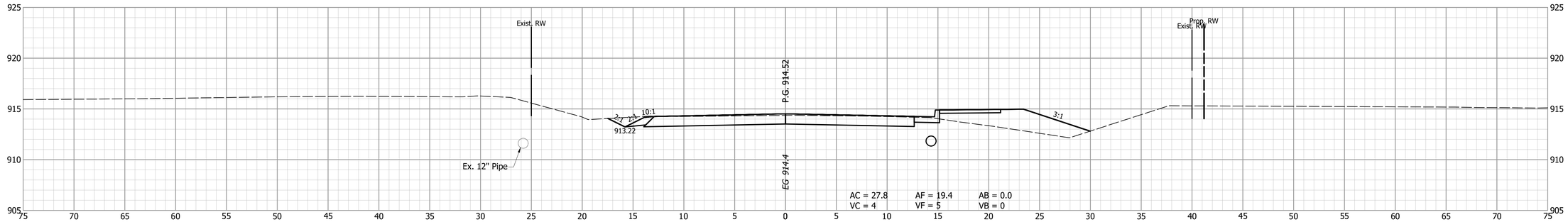
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	18 of 26
CONTRACT	PROJECT
B 39818	1600828

54+50

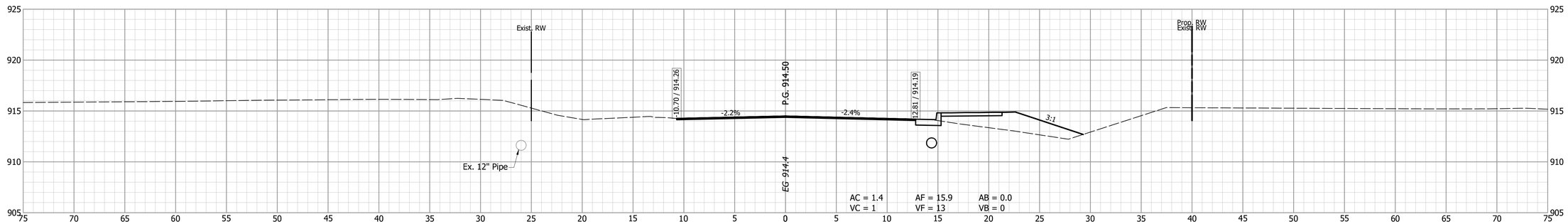


54+07.9

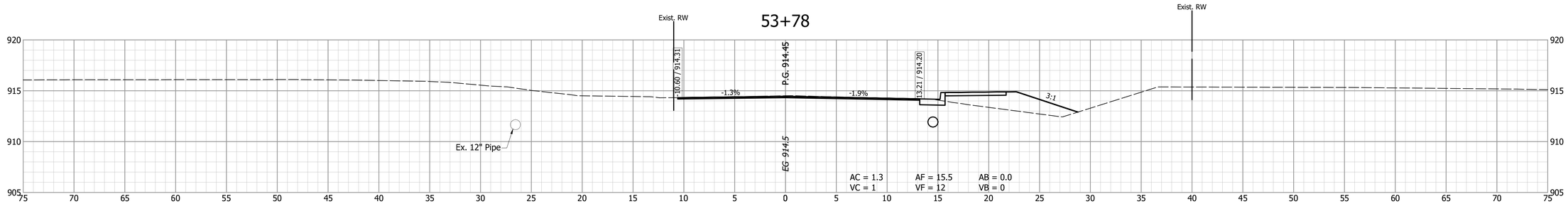


BEGIN PROJECT
STA. 54+07.09 "SR 26-1941"

54+00



53+78



NOT FOR CONSTRUCTION

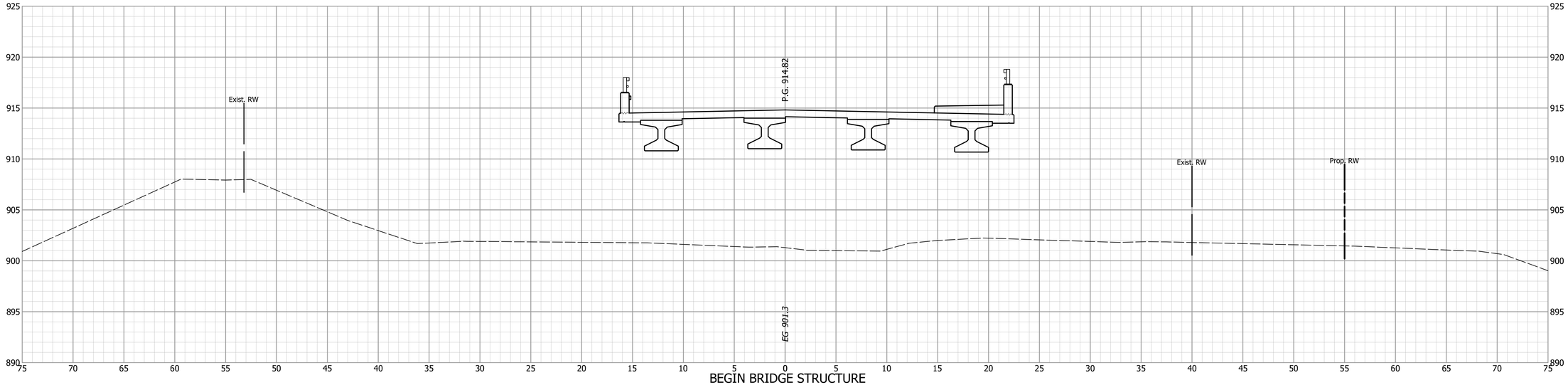
DESIGNED: JMH
DRAWN: BDC
CHECKED: BMA
CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	19 of 26
CONTRACT	PROJECT
B 39818	1600828

56+00

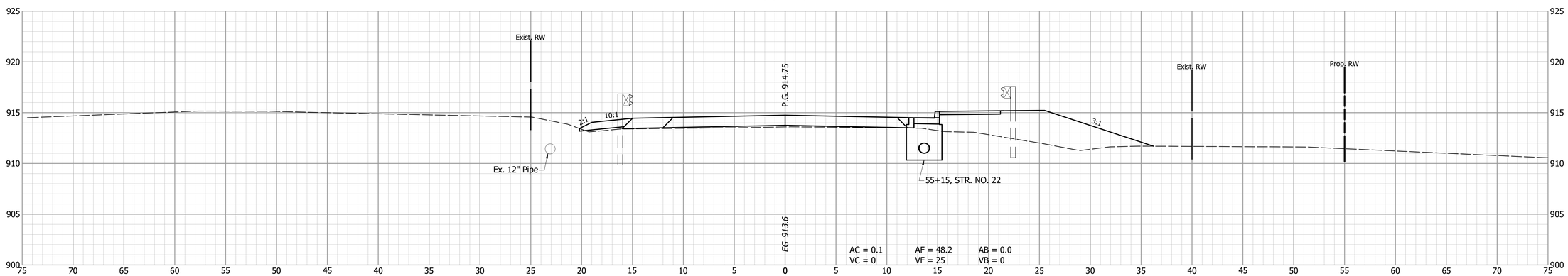


BEGIN BRIDGE STRUCTURE
STA. 55+27.18 "SR 26-1941"

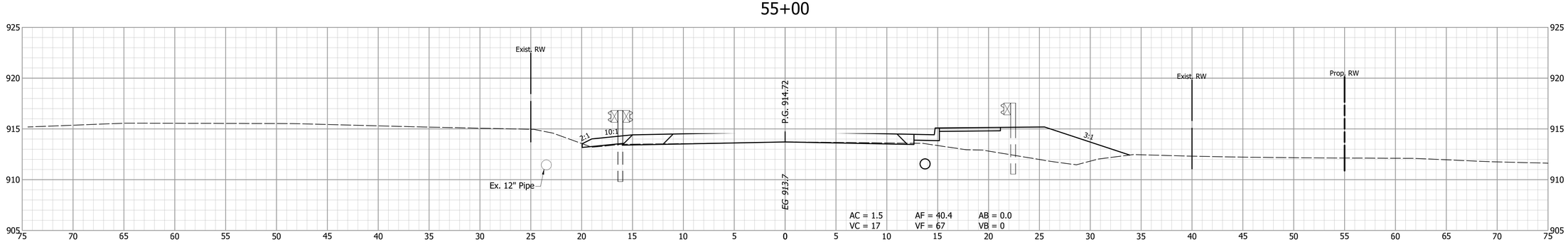
END EARTHWORK
STA. 55+27.18 "SR 26-1941"

AC = 0.1	AF = 48.2	AB = 0.0
VC = 0	VF = 22	VB = 0

55+15



55+00



NOT FOR CONSTRUCTION

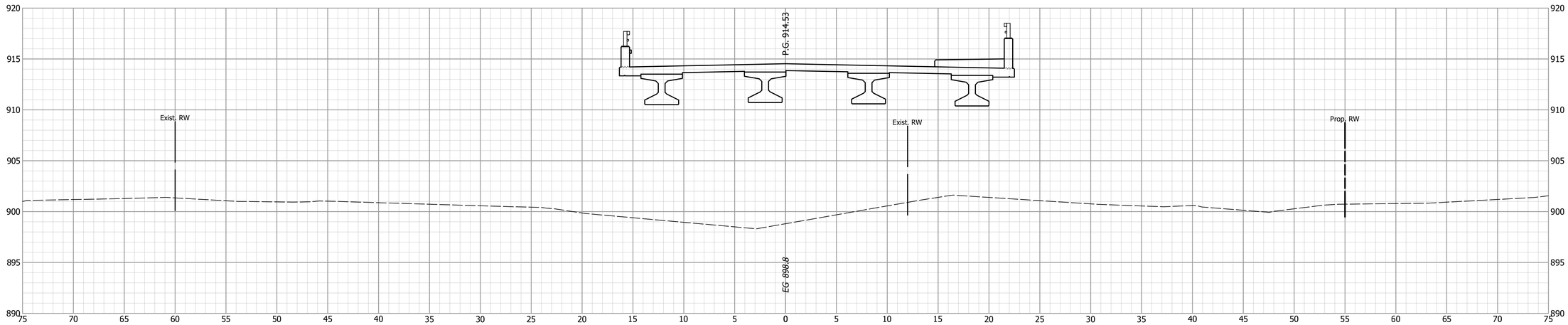
DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

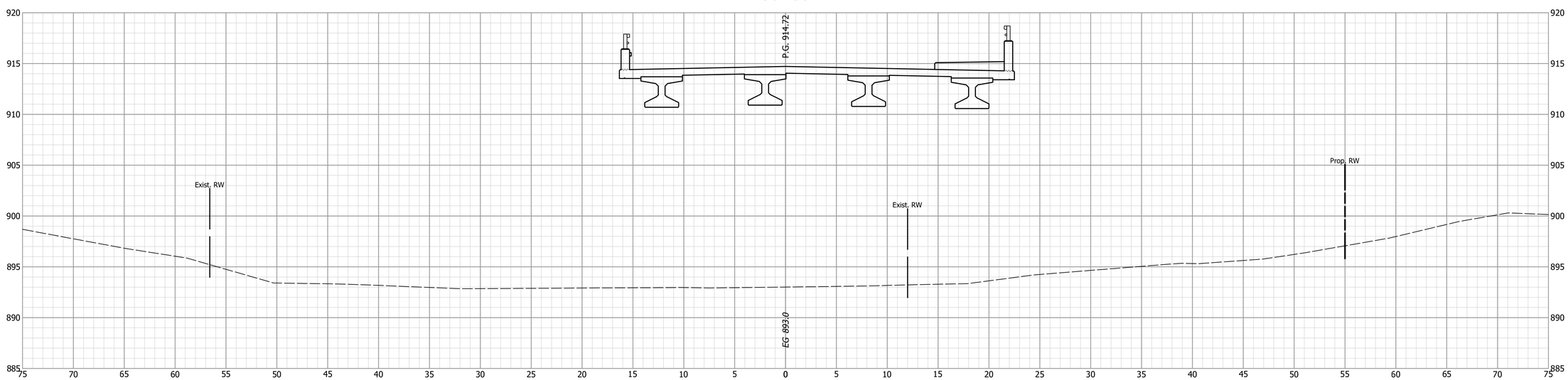
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	20 of 26
CONTRACT	PROJECT
B 39818	1600828

57+00



56+50



NOT FOR CONSTRUCTION

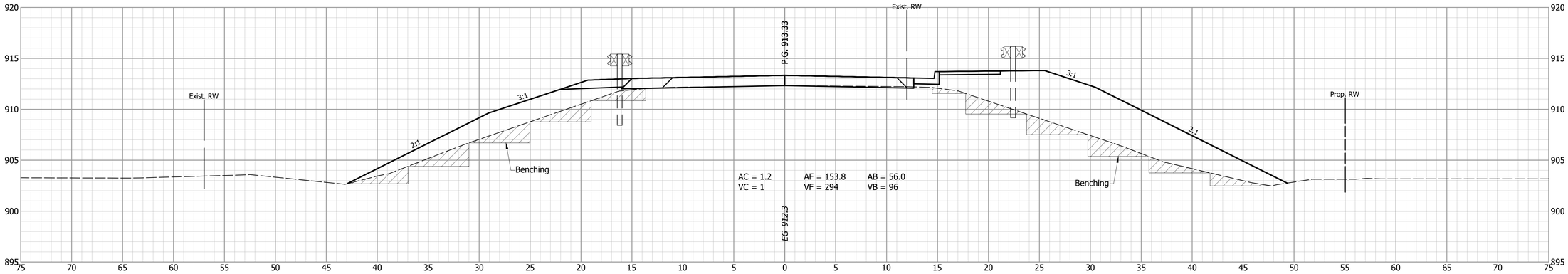
DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

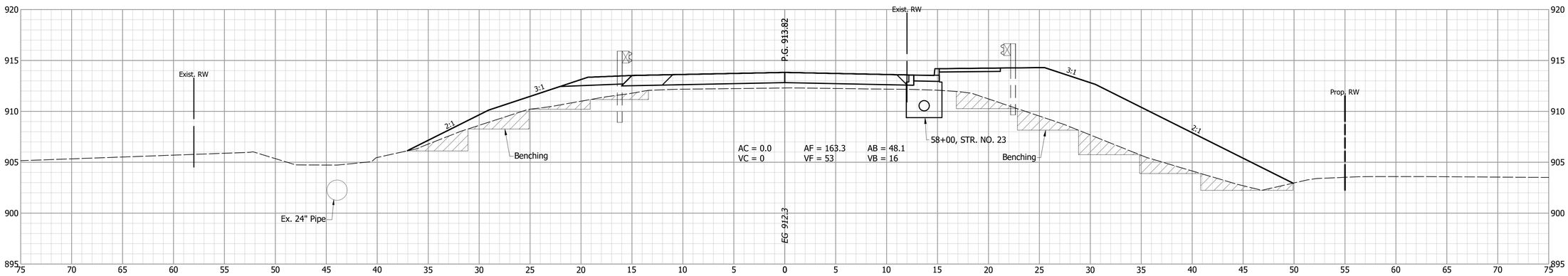
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	21 of 26
CONTRACT	PROJECT
B 39818	1600828

58+50



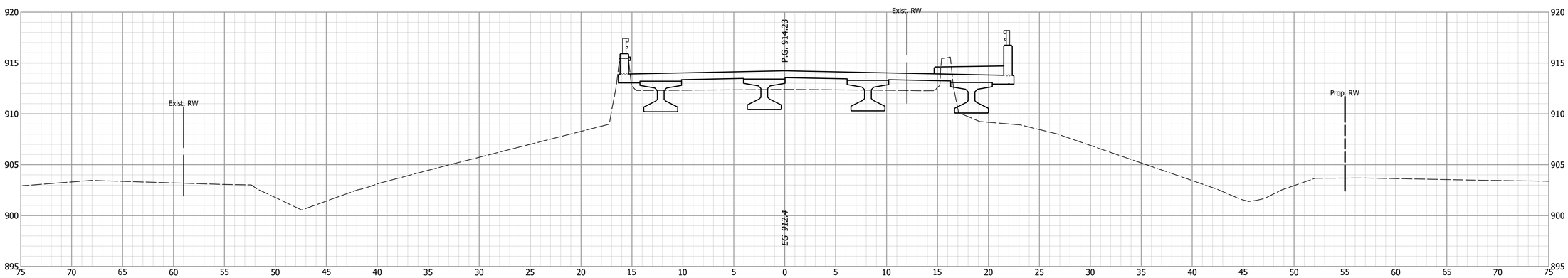
58+00



BEGIN EARTHWORK
STA. 57+91.97 "SR 26-1941"
AC = 0.0 AF = 163.3 AB = 48.1
VC = 0 VF = 0 VB = 0

END BRIDGE STRUCTURE
STA. 57+91.97 "SR 26-1941"

57+50



NOT FOR CONSTRUCTION

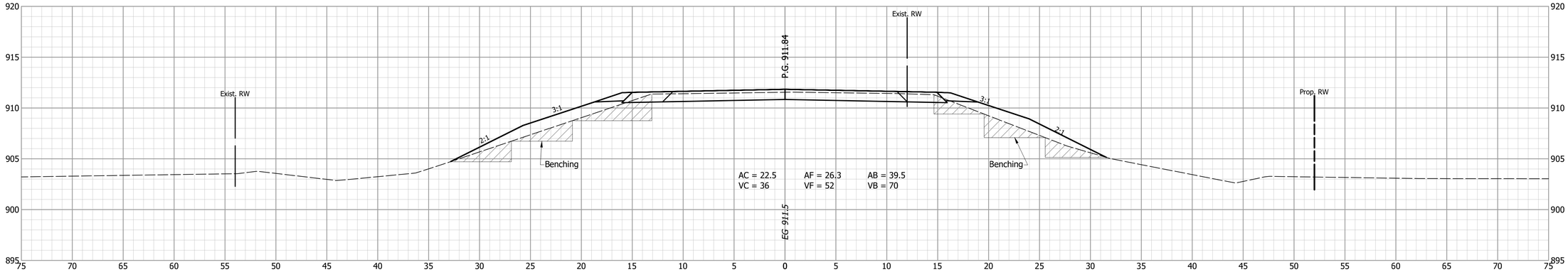
DESIGNED: JMH DRAWN: BDC
CHECKED: BMA CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

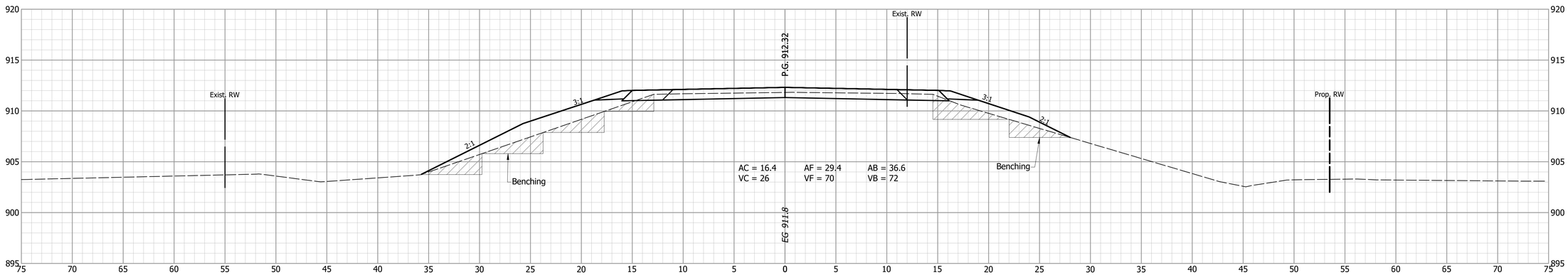
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	22 of 26
CONTRACT	PROJECT
B 39818	1600828

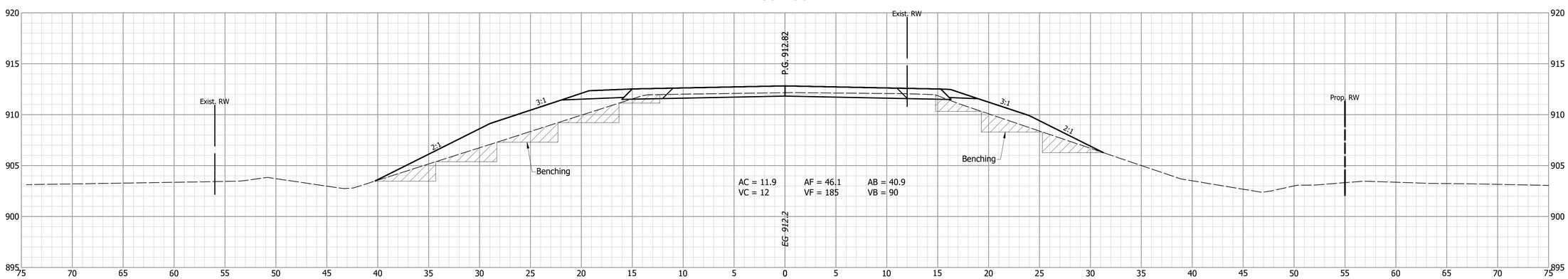
60+00



59+50



59+00



NOT FOR CONSTRUCTION

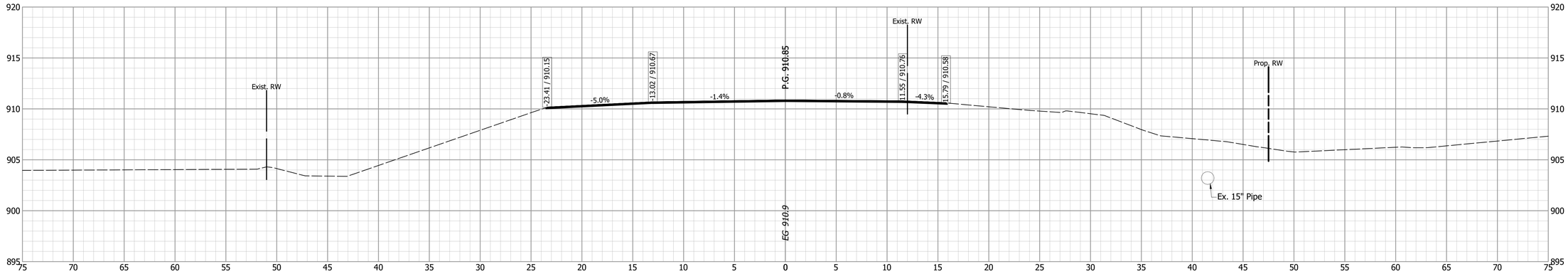
DESIGNED: RTW	DRAWN: BDC
CHECKED: JMH	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

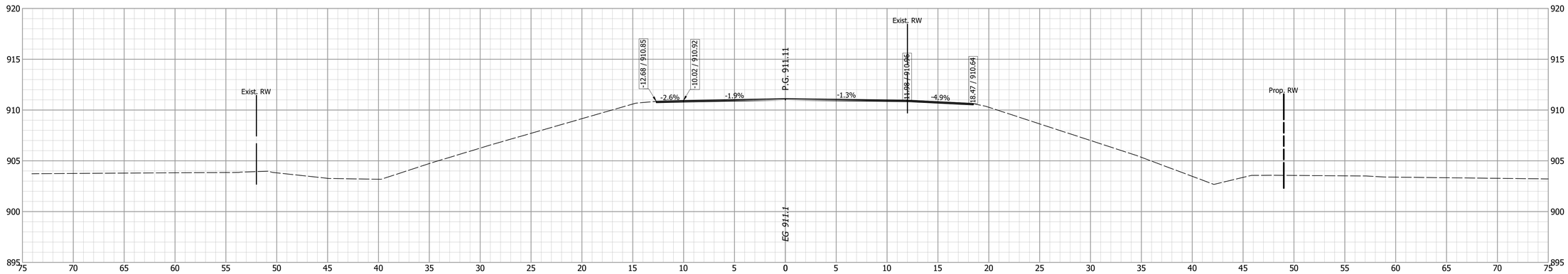
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	23 of 26
CONTRACT	PROJECT
B 39818	1600828

61+50



61+00

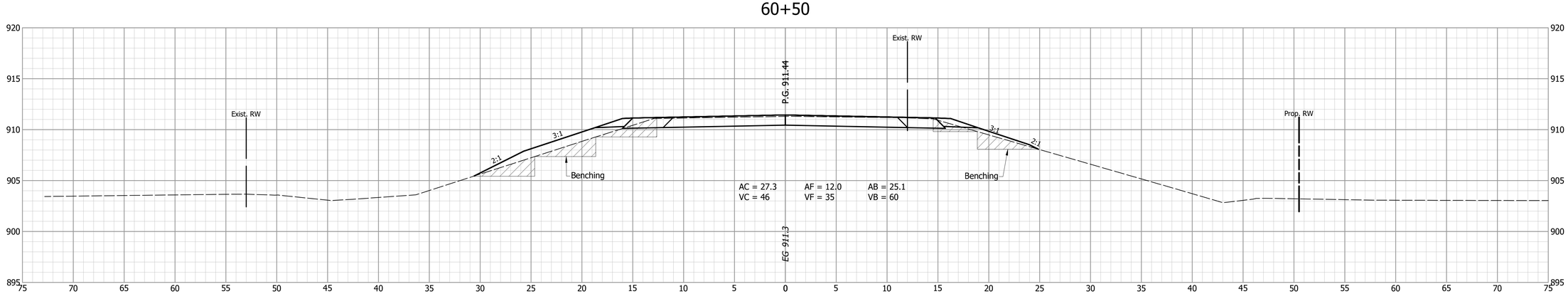


END PROJECT
STA. 60+90.00 "SR 26-1941"

END EARTHWORK
STA. 60+90.00 "SR 26-1941"

AC = 227.3	AF = 12.0	AB = 25.1
VC = 40	VF = 18	VB = 37

60+50



NOT FOR CONSTRUCTION

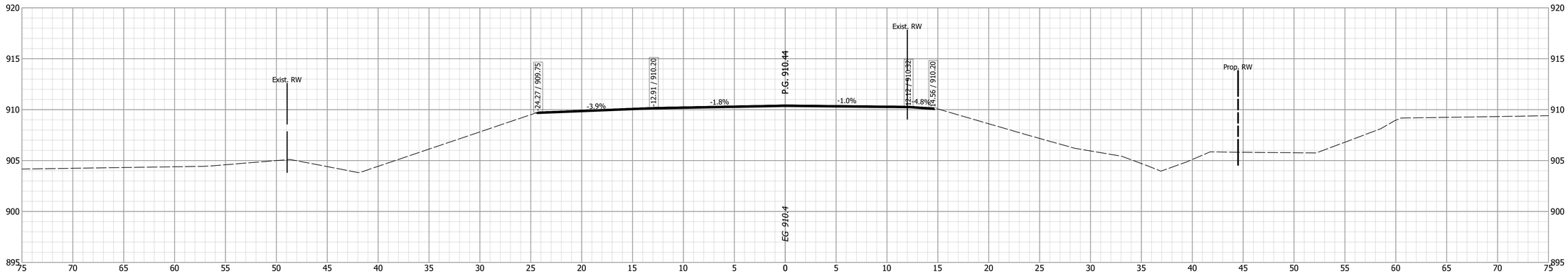
DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

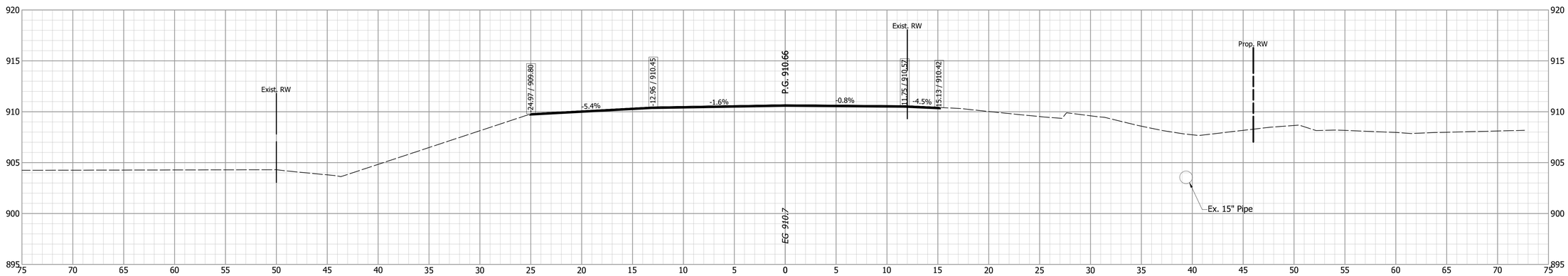
CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	24 of 26
CONTRACT	PROJECT
B 39818	1600828

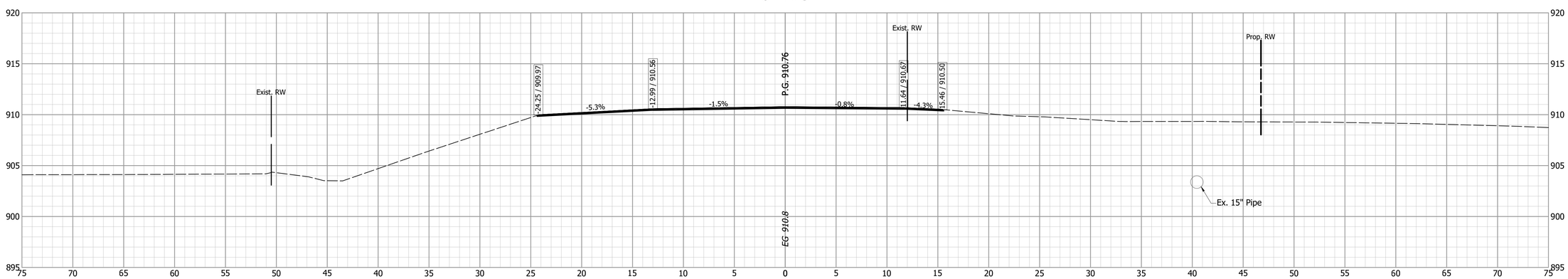
62+50



62+00



61+75



NOT FOR CONSTRUCTION

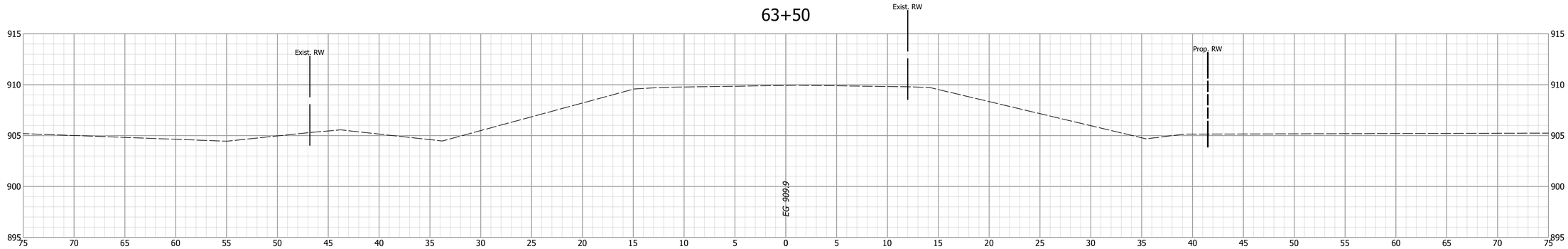
DESIGNED: JMH	DRAWN: BDC
CHECKED: BMA	CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "SR26-1941"

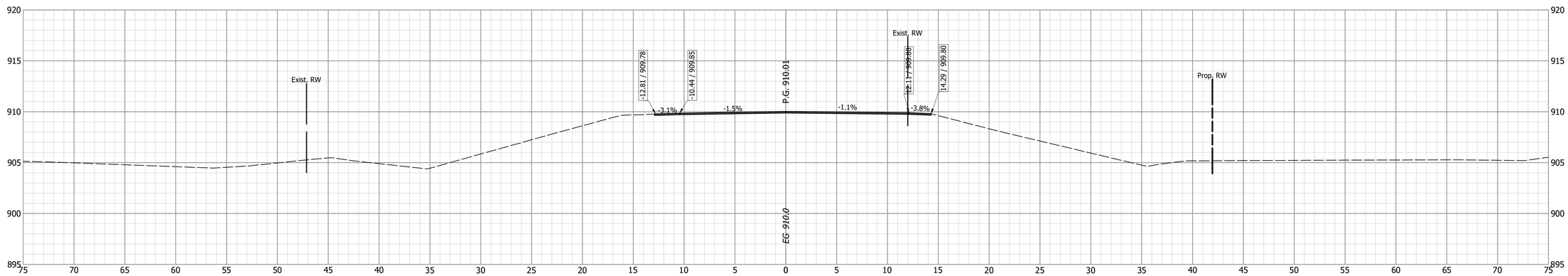
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	25 of 26
CONTRACT	PROJECT
B 39818	1600828

63+50

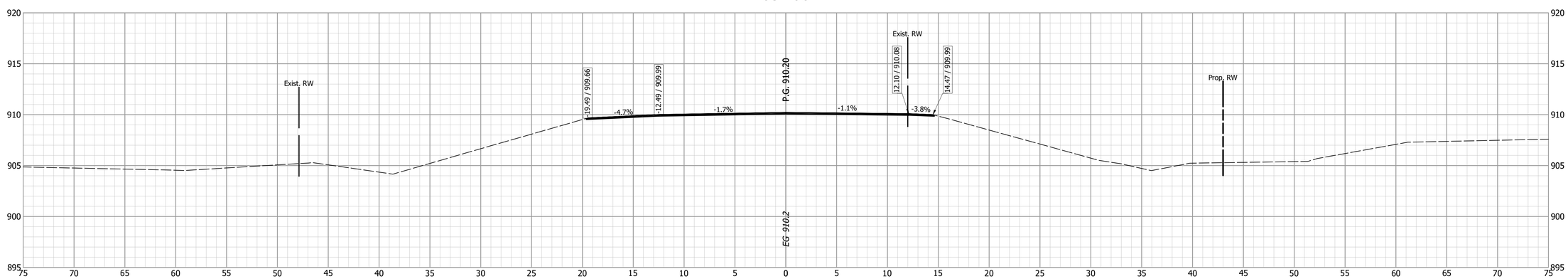


END INCIDENTAL CONSTRUCTION
STA. 63+35.00 "SR 26-1941"

63+35



63+00



NOT FOR CONSTRUCTION

DESIGNED: JMH
DRAWN: BDC
CHECKED: BMA
CHECKED: JMH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "SR26-1941"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	026-38-10192 A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600828
SURVEY BOOK	SHEETS
	26 of 26
CONTRACT	PROJECT
B 39818	1600828