PROJECT	DESIGNATION
2200184	2200184
CONTRACT	BRIDGE FILE
R-45322	N/A

STRUCTURE	TYPE	SPAN AND SKEW	STATION
CLV-86918	Small Structure Replacement	23" Span x 14" Rise x 67'-0" Long Skew 25° Rt.	872+30.00 "S-SR42-HMA"
CLV-86932	Small Structure Replacement	18" Dia x 60'-0" Long Skew 16° Lt.	1189+65.00 "S-SR42-HMA"

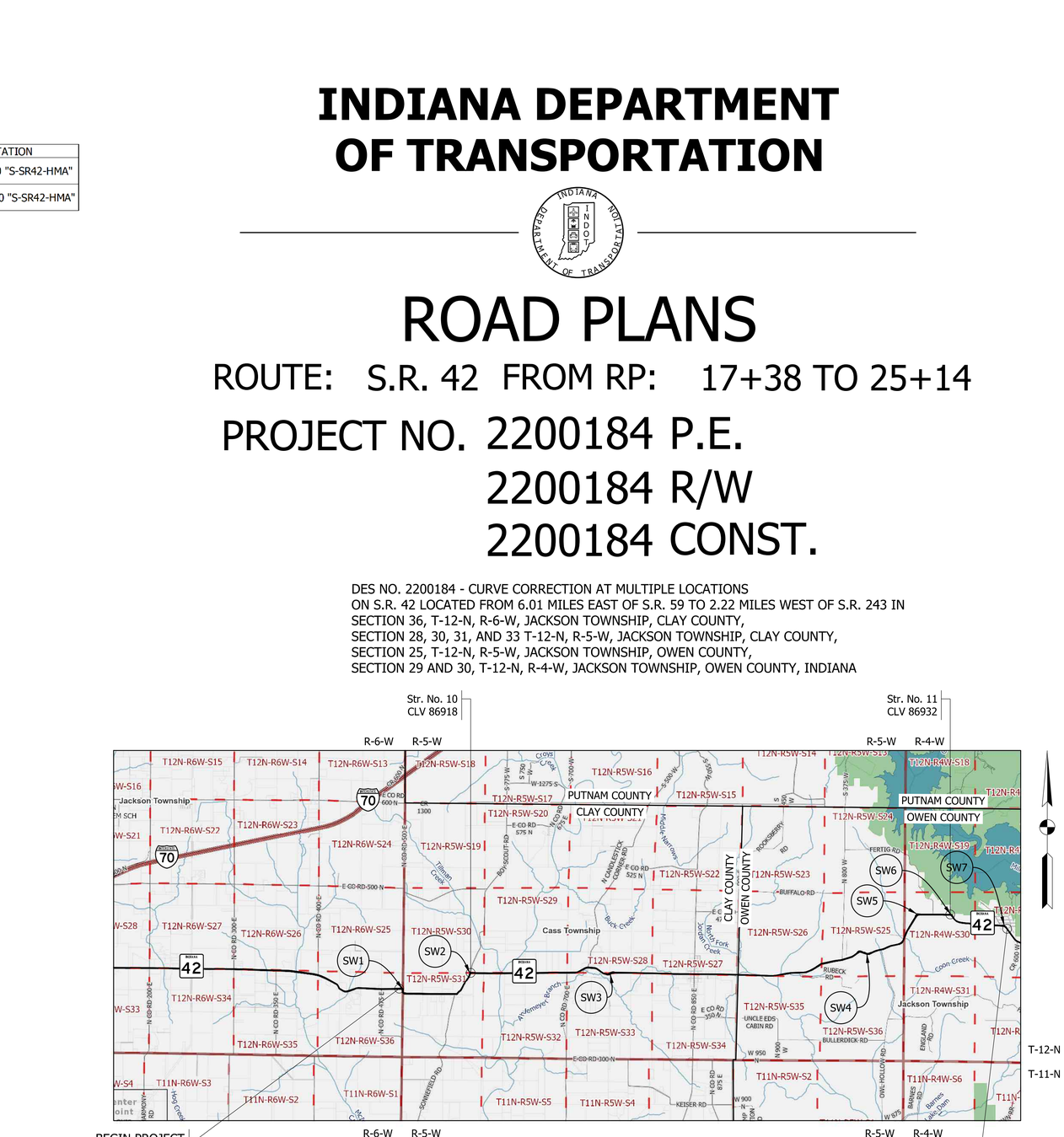
INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

ROUTE: S.R. 42 FROM RP: 17+38 TO 25+14

PROJECT NO. 2200184 P.E.
2200184 R/W
2200184 CONST.

DES NO. 2200184 - CURVE CORRECTION AT MULTIPLE LOCATIONS
ON S.R. 42 LOCATED FROM 6.01 MILES EAST OF S.R. 59 TO 2.22 MILES WEST OF S.R. 243 IN
SECTION 36, T-12-N, R-6-W, JACKSON TOWNSHIP, CLAY COUNTY,
SECTION 28, 30, 31, AND 33 T-12-N, R-5-W, JACKSON TOWNSHIP, CLAY COUNTY,
SECTION 25, T-12-N, R-5-W, JACKSON TOWNSHIP, OWEN COUNTY,
SECTION 29 AND 30, T-12-N, R-4-W, JACKSON TOWNSHIP, OWEN COUNTY, INDIANA



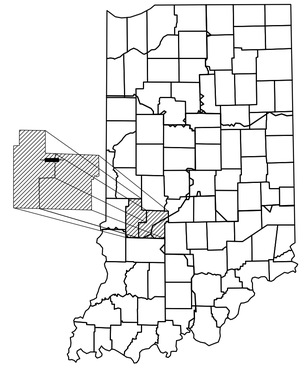
LOCATION MAP
SCALE: 1" = 4,000'

TRAFFIC DATA

A.A.D.T.	2026	3,638 V.P.D.
A.A.D.T.	2046	4,343 V.P.D.
D.H.V	2046	337 V.P.H.
DIRECTIONAL DISTRIBUTION		49.53 %
TRUCKS		17.06 % A.A.D.T.
		8.08 % D.H.V.

DESIGN DATA - DES. NO. 2200184

DESIGN SPEED	Varies (See Index)
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	State Collector
RURAL/URBAN	Rural
TERRAIN	Rolling
ACCESS CONTROL	None



PROJECT LOCATION SHOWN BY
CLAY AND OWEN COUNTY

BEGIN DES. NO. 2200184
LATITUDE: 39°26'30.3" N LONGITUDE: 87°00'58.7" W
END DES. NO. 2200184
LATITUDE: 39°27'06.5 N LONGITUDE: 86°52'53.0" W

DES. NO. 2200184
ROADWAY LENGTH: 0.589 MI.
TOTAL LENGTH: 0.589 MI.
MAX. GRADE: (MATCH EXISTING) %

HUC Slate Run-Eel River: 051202030704
HUC North Fork Jordan Creek: 051202030703
HUC Cagle Mill Lake-Mill Creek: 051202030512

Plans Prepared By:
SJCA
9102 North Meridian Street, Suite 200, Indianapolis, IN 46260
Phone: (317) 566-0629

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2024
TO BE USED WITH THESE PLANS.

STAGE 2 PLANS NOT FOR CONSTRUCTION

PLANS PREPARED BY: SJCA, INC. (317) 566-0629 PHONE NUMBER

CERTIFIED BY: _____ DATE

RECOMMENDED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE		
N/A		
DESIGNATION		
2200184		
SURVEY BOOK		
ELECTRONIC	1 of	108
CONTRACT	PROJECT	
R-45322	2200184	

Plot: 3/14/2025 2:16:46 PM
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Model: Title

UTILITIES

CATARACT LAKE WATER CORP
Teresa Gilbrech
6090 State Road 42
Poland, IN 47868
(765) 795-3288
cataractlakewater@yahoo.com

CENTERPOINT ENERGY (SOUTH)
(Formerly Vectren) - GAS - DISTRIBUTION
Steven Neal
600 Industrial Dr
Franklin, IN 46131
(317) 718-3657
steven.neal@centerpointenergy.com

CENTERPOINT ENERGY (SOUTH)
(Formerly Vectren) - GAS - TRANSMISSION
Nick Dearing
112 W South St
Greenfield, IN 46140
(765) 648-3246
nicholas.dearing@centerpointenergy.com

CLAY COUNTY RURAL TELE DBA
ENDEAVOR COMMUNICATIONS
Jason Lotz
2 S. West St.
Cloverdale, IN 46120
(765) 795-5554
jlotz@weendeavor.com

DUKE ENERGY - ELECTRIC -DISTRIBUTION
Don McDuffy
1000 S. Mill Creek Road
Noblesville, IN 46062
(317) 776-5320
dei-dline-coord@duke-energy.com

DUKE ENERGY - ELECTRIC - TRANSMISSION
Zach Boston
1000 E Main St (WP 922)
Plainfield, IN 46168
(317) 838-1053
dei-tline-coord@duke-energy.com

INDOT ITS
Jonathan Sutterer
8620 East 21st St
Indianapolis, IN 46219
(317) 473-3930
jsutterer@indot.in.gov

SOUTH CENTRAL INDIANA REMC
Mark Sadler
300 Morton Avenue
Martinsville, IN 46151
(765) 352-4727
marksa@sciremc.com

UTILITIES DISTRICT OF WESTERN INDIANA REMC
David Patterson
1666 West State Road 54
Bloomfield, IN 47424
(812) 384-4446
dpatterson@udwiremc.com

VERIZON
Chris Reed
720 W Henry St
Indianapolis, IN 46225
(317) 408-3971

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REVISIONS

SHEET NO.	DATE	REVISED

GENERAL NOTES

INDEX

SHEET NO.	SUBJECT
1	TITLE
2	INDEX
3 - 6	TYPICAL SECTIONS
7 - 13	PLAT NO. 1
14 - 16	MAINTENANCE OF TRAFFIC
17	GEOMETRIC DATA
18 - 45	CONSTRUCTION DETAILS
46 - 47	SUPERELEVATION DETAILS
48 - 49	GENERAL PLANS
50 - 65	EROSION CONTROL
66 - 67	SUMMARY OF QUANTITIES
67 - 108	CROSS SECTIONS

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SMR DRAWN: SMR

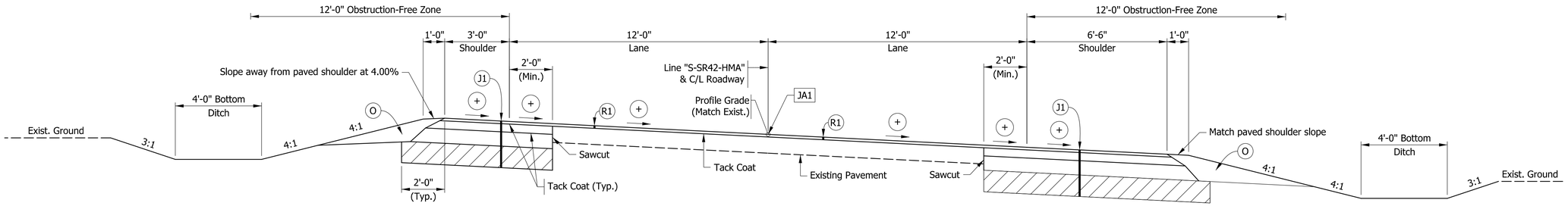
CHECKED: KCH / RA CHECKED: KCH / RA

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	2 of 108
CONTRACT	PROJECT
R-45322	2200184

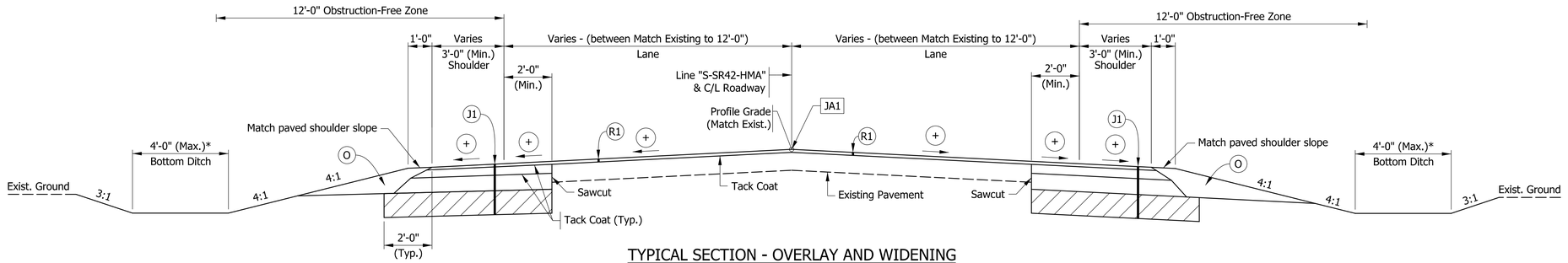
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TYPICAL SECTION - OVERLAY AND WIDENING

Scale: $\frac{3}{8}$" = 1'-0"

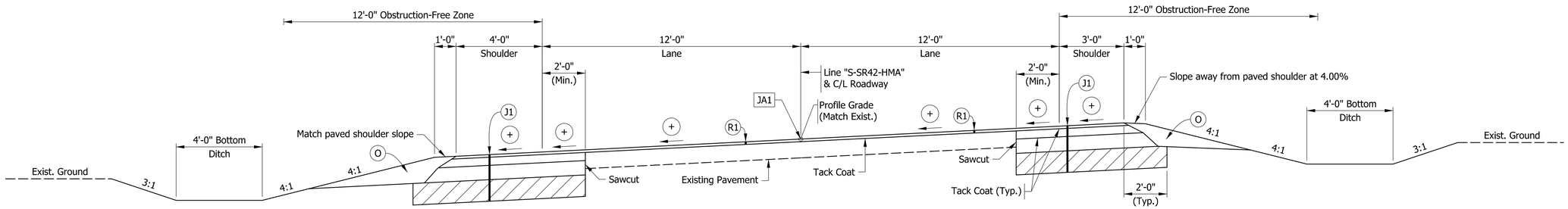
Sta. 819+32.57 "S-SR42-HMA" to Sta. 821+05.51 "S-SR42-HMA"
Sta. 871+61.14 "S-SR42-HMA" to Sta. 872+25.67 "S-SR42-HMA"
Sta. 872+33.67 "S-SR42-HMA" to Sta. 872+68.03 "S-SR42-HMA"



TYPICAL SECTION - OVERLAY AND WIDENING

Scale: $\frac{3}{8}$" = 1'-0"

Sta. 821+05.51 "S-SR42-HMA" to Sta. 821+88.50 "S-SR42-HMA"
Sta. 961+31.74 "S-SR42-HMA" to Sta. 961+86.19 "S-SR42-HMA"
Sta. 1121+93.83 "S-SR42-HMA" to Sta. 1125+38.79 "S-SR42-HMA"



TYPICAL SECTION - OVERLAY AND WIDENING

Scale: $\frac{3}{8}$" = 1'-0"

Sta. 821+88.50 "S-SR42-HMA" to Sta. 823+77.15 "S-SR42-HMA"

NOTE TO REVIEWER
Pavement Design is pending and will be updated for next submittal.

LEGEND

- JA1 — Joint Adhesive required for Surface
- JA2 — Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
- J1 — Widening with HMA, Type C consisting of 165 lbs/syd QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 880 lbs/syd QC/QA-HMA, 3, 58S, Base, 25.0 mm on Subgrade Treatment Type IC on Geotextile for Pavement Type 2B
- K1 — HMA Patching Full Depth, Type C consisting of 165 lbs/syd QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 880 lbs/syd QC/QA-HMA, 3, 58S, Base, 25.0 mm on Subgrade Treatment Type IC on Geotextile for Pavement Type 2B
- O — Variable Depth Compacted Aggregate, No. 53 (12.5" max. depth)
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- T — Transition, Milling
- Limits of Subgrade Treatment
- \+ — Cross Slope varies, see Superelevation Diagrams, Construction Details, or Cross Sections for additional cross slope information.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH | DRAWN: KCH/SMR

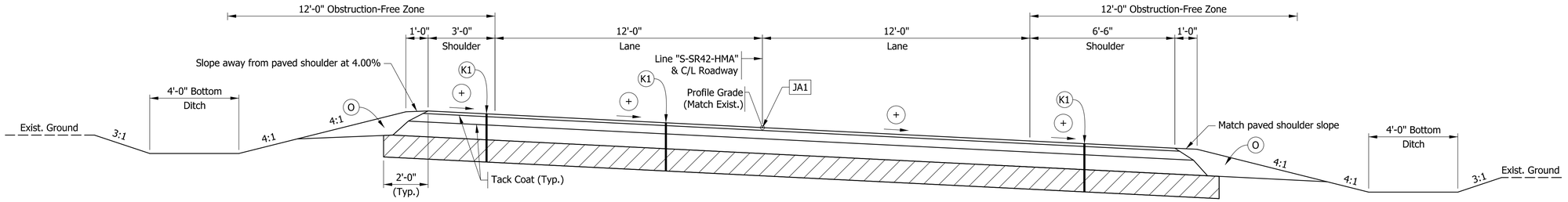
CHECKED: MH | CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
$\frac{3}{8}$" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
$\frac{3}{8}$" = 1'-0"	2200184
SURVEY BOOK	
ELECTRONIC	3 of 108
CONTRACT	PROJECT
R-45322	2200184

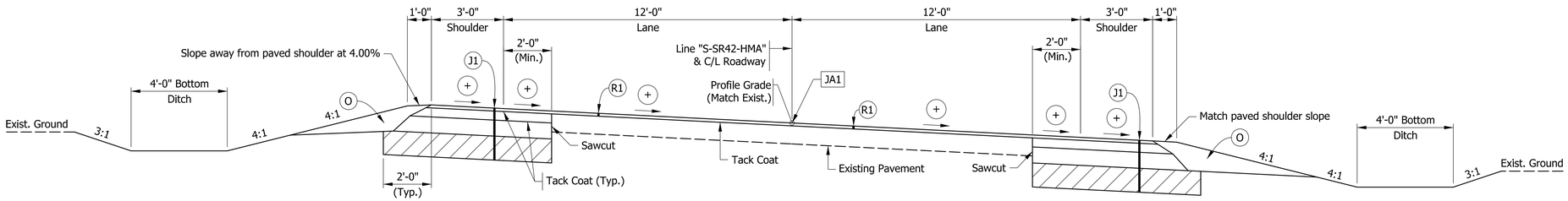
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TYPICAL SECTION - FULL DEPTH OVER STRUCTURE

Scale: ⅜" = 1'-0"

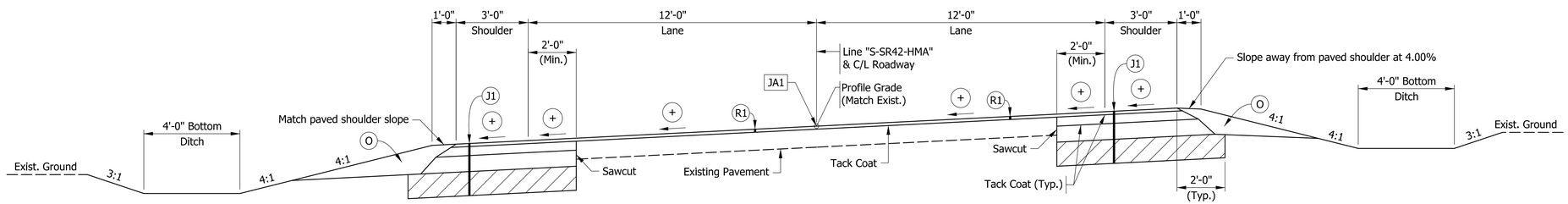
Sta. 872+25.67 "S-SR42-HMA" to Sta. 872+33.67 "S-SR42-HMA"



TYPICAL SECTION - OVERLAY AND WIDENING

Scale: ⅜" = 1'-0"

Sta. 961+86.19 "S-SR42-HMA" to Sta. 963+54.29 "S-SR42-HMA"
Sta. 1119+97.74 "S-SR42-HMA" to Sta. 1121+93.83 "S-SR42-HMA"
Sta. 1167+90.01 "S-SR42-HMA" to Sta. 1169+91.36 "S-SR42-HMA"
Sta. 1190+35.80 "S-SR42-HMA" to Sta. 1191+07.86 "S-SR42-HMA"
Sta. 1224+68.89 "S-SR42-HMA" to Sta. 1226+95.77 "S-SR42-HMA"



TYPICAL SECTION - OVERLAY AND WIDENING

Scale: ⅜" = 1'-0"

Sta. 959+43.07 "S-SR42-HMA" to Sta. 961+31.74 "S-SR42-HMA"
Sta. 1125+38.79 "S-SR42-HMA" to Sta. 1127+82.89 "S-SR42-HMA"

LEGEND

- JA1 — Joint Adhesive required for Surface
- JA2 — Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
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- T — Transition, Milling
- Limits of Subgrade Treatment
- \+ — Cross Slope varies, see Superelevation Diagrams, Construction Details, or Cross Sections for additional cross slope information.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SMR DRAWN: SMR

CHECKED: MH CHECKED: MH

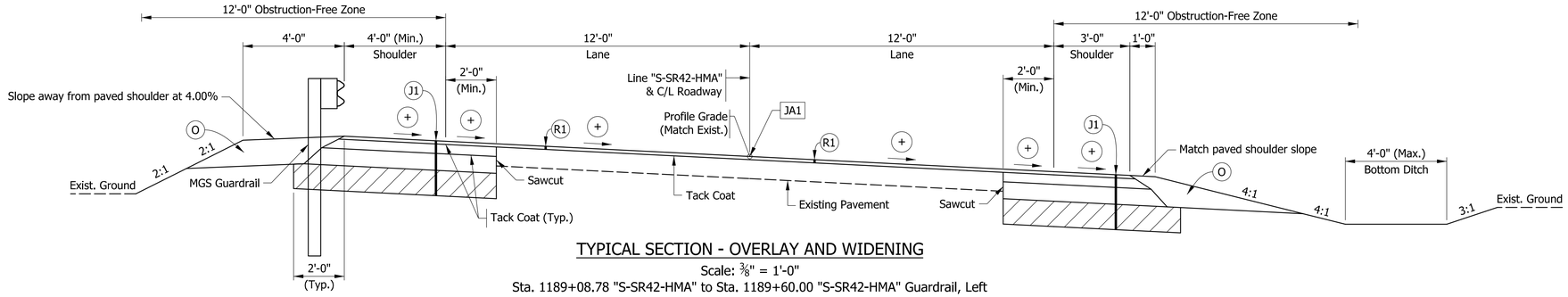
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
⅜" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
⅜" = 1'-0"	2200184
SURVEY BOOK	
ELECTRONIC	4 of 108
CONTRACT	PROJECT
R-45322	2200184

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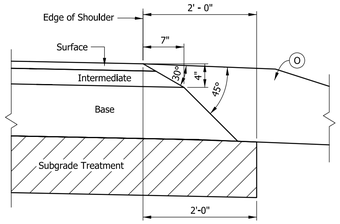


TYPICAL SECTION - OVERLAY AND WIDENING

Scale: $\frac{3}{8}$" = 1'-0"

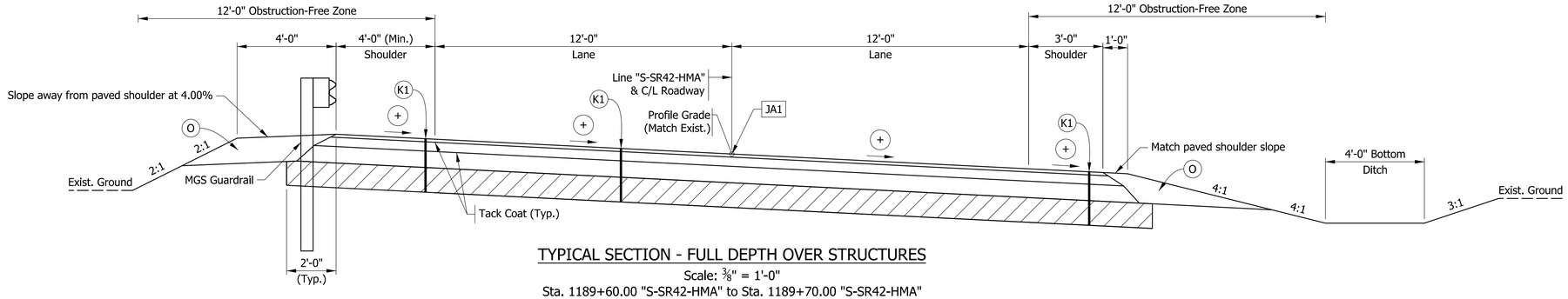
Sta. 1189+08.78 "S-SR42-HMA" to Sta. 1189+60.00 "S-SR42-HMA" Guardrail, Left

Sta. 1189+70.00 "S-SR42-HMA" to Sta. 1190+35.80 "S-SR42-HMA" Guardrail, Left



SAFETY EDGE DETAIL

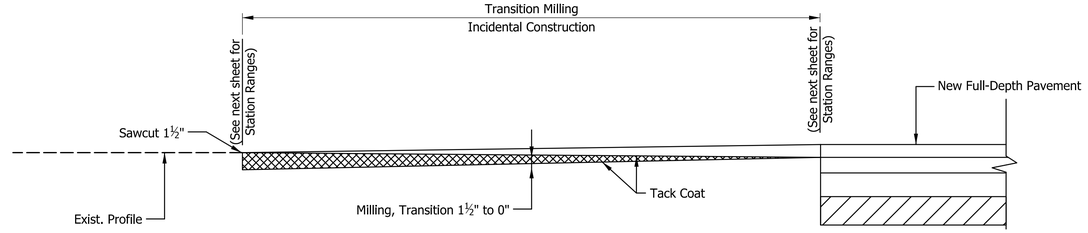
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TYPICAL SECTION - FULL DEPTH OVER STRUCTURES

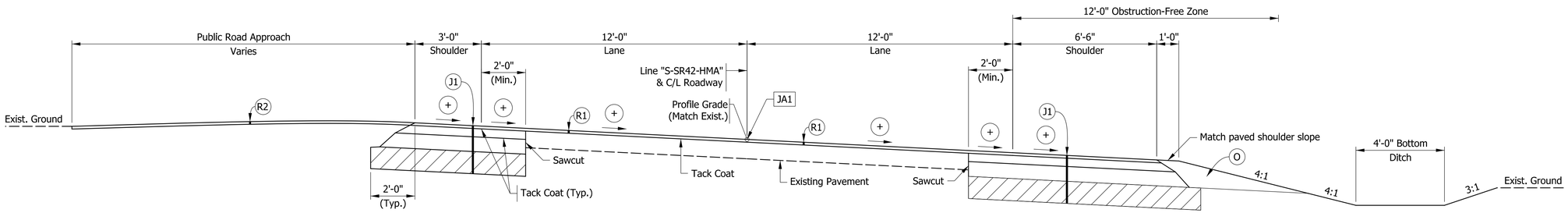
Scale: $\frac{3}{8}$" = 1'-0"

Sta. 1189+60.00 "S-SR42-HMA" to Sta. 1189+70.00 "S-SR42-HMA"



TRANSITION MILLING DETAIL

Not to Scale



TYPICAL SECTION - PUBLIC ROAD APPROACH

Scale: $\frac{3}{8}$" = 1'-0"

Sta. 819+90.89 "S-SR42-HMA" to Sta. 820+83.80 "S-SR42-HMA"

Sta. 871+81.07 "S-SR42-HMA" to Sta. 872+45.35 "S-SR42-HMA"

LEGEND

- JA1 — Joint Adhesive required for Surface
- JA2 — Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
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- T — Transition, Milling
- Limits of Subgrade Treatment
- \+ — Cross Slope varies, see Superelevation Diagrams, Construction Details, or Cross Sections for additional cross slope information.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SMR DRAWN: SMR

CHECKED: MH CHECKED: MH

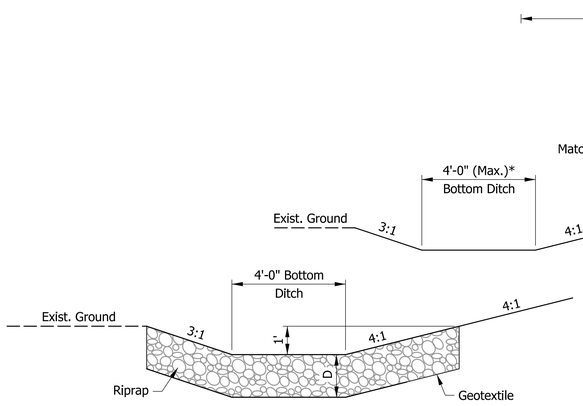
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2200184
SURVEY BOOK	
ELECTRONIC	5 of 108
CONTRACT	PROJECT
R-45322	2200184

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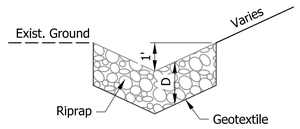
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*RIPRAP FLAT BOTTOM DITCH DETAIL

Not to Scale
(For locations, see Profile Sheets)

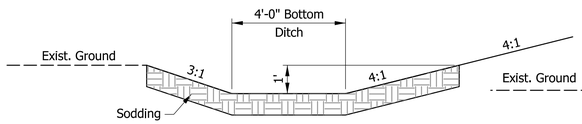
Revetment or Uniform Riprap	D=18"
Class 1 Riprap	D=24"



*RIPRAP V-DITCH DETAIL

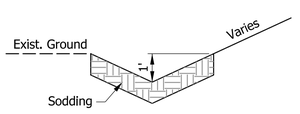
Not to Scale
(For locations, see Profile Sheets)

Revetment or Uniform Riprap	D=18"
Class 1 Riprap	D=24"



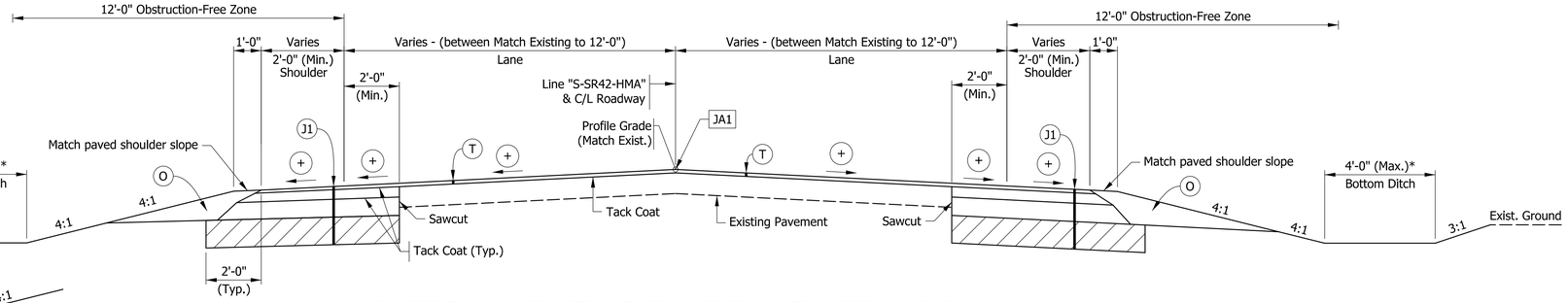
*SODDING FLAT BOTTOM DITCH DETAIL

Not to Scale
(For locations, see Profile Sheets)



*SODDING V-DITCH DETAIL

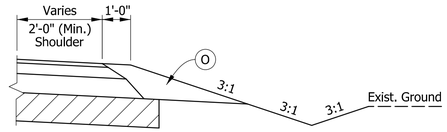
Not to Scale
(For locations, see Profile Sheets)



INCIDENTAL CONSTRUCTION TYPICAL SECTION - TRANSITION, MILLING

Scale: $\frac{3}{8}$" = 1'-0"

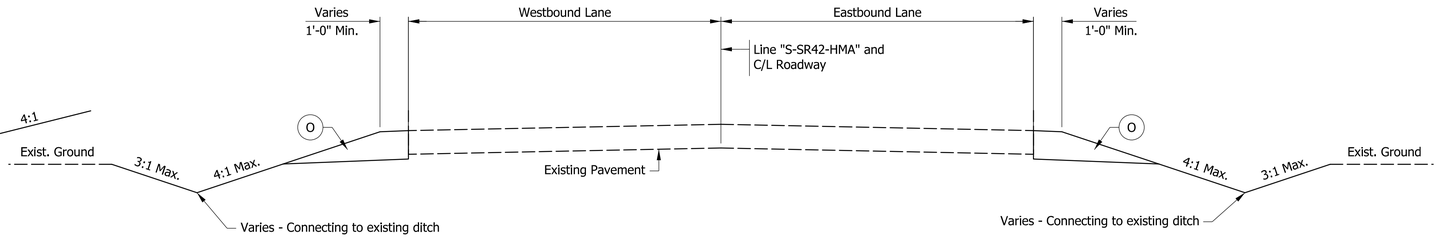
Sta. 818+80.00 "S-SR42-HMA" to Sta. 819+32.57 "S-SR42-HMA"
Sta. 823+77.15 "S-SR42-HMA" to Sta. 824+30.00 "S-SR42-HMA"
Sta. 871+10.00 "S-SR42-HMA" to Sta. 871+61.14 "S-SR42-HMA"
Sta. 872+68.03 "S-SR42-HMA" to Sta. 873+30.00 "S-SR42-HMA"
Sta. 958+90.00 "S-SR42-HMA" to Sta. 959+43.07 "S-SR42-HMA"
Sta. 963+54.29 "S-SR42-HMA" to Sta. 964+10.00 "S-SR42-HMA"
Sta. 1119+50.00 "S-SR42-HMA" to Sta. 1119+97.74 "S-SR42-HMA"
Sta. 1127+82.89 "S-SR42-HMA" to Sta. 1128+40.00 "S-SR42-HMA"
Sta. 1167+40.00 "S-SR42-HMA" to Sta. 1167+90.01 "S-SR42-HMA"
Sta. 1169+91.36 "S-SR42-HMA" to Sta. 1170+45.00 "S-SR42-HMA"
Sta. 1188+95.00 "S-SR42-HMA" to Sta. 1189+46.93 "S-SR42-HMA"
Sta. 1191+07.86 "S-SR42-HMA" to Sta. 1191+60.00 "S-SR42-HMA"
Sta. 1224+15.00 "S-SR42-HMA" to Sta. 1224+68.89 "S-SR42-HMA"
Sta. 1226+95.77 "S-SR42-HMA" to Sta. 1227+45.00 "S-SR42-HMA"



*V-DITCH SECTION

Scale: $\frac{3}{8}$" = 1'-0"

Sta. 871+10 "S-SR42-HMA" to Sta. 871+88 "S-SR42-HMA", Left
Sta. 872+38 "S-SR42-HMA" to Sta. 872+50 "S-SR42-HMA", Left
Sta. 1119+25 "S-SR42-HMA" to Sta. 1124+12 "S-SR42-HMA", Left
Sta. 1119+25 "S-SR42-HMA" to Sta. 1128+02 "S-SR42-HMA", Right
Sta. 1223+90 "S-SR42-HMA" to Sta. 1227+00 "S-SR42-HMA", Right
Sta. 1227+00 "S-SR42-HMA" to Sta. 1227+50 "S-SR42-HMA", Left



INCIDENTAL TYPICAL SECTION - AGGREGATE SHOULDERS

Scale: $\frac{3}{8}$" = 1'-0"

Sta. 818+55 "S-SR42-HMA" to Sta. 818+80 "S-SR42-HMA"
Sta. 824+30 "S-SR42-HMA" to Sta. 824+55 "S-SR42-HMA"
Sta. 870+85 "S-SR42-HMA" to Sta. 871+10 "S-SR42-HMA"
Sta. 873+30 "S-SR42-HMA" to Sta. 873+55 "S-SR42-HMA"
Sta. 958+65 "S-SR42-HMA" to Sta. 958+90 "S-SR42-HMA"
Sta. 964+10 "S-SR42-HMA" to Sta. 964+35 "S-SR42-HMA"
Sta. 1119+25 "S-SR42-HMA" to Sta. 1119+50 "S-SR42-HMA"
Sta. 1128+40 "S-SR42-HMA" to Sta. 1128+65 "S-SR42-HMA"
Sta. 1167+15 "S-SR42-HMA" to Sta. 1167+40 "S-SR42-HMA"
Sta. 1170+45 "S-SR42-HMA" to Sta. 1170+70 "S-SR42-HMA"
Sta. 1188+70 "S-SR42-HMA" to Sta. 1188+95 "S-SR42-HMA"
Sta. 1191+60 "S-SR42-HMA" to Sta. 1191+85 "S-SR42-HMA"
Sta. 1223+90 "S-SR42-HMA" to Sta. 1224+15 "S-SR42-HMA"
Sta. 1227+45 "S-SR42-HMA" to Sta. 1227+70 "S-SR42-HMA"

LEGEND

- JA1 — Joint Adhesive required for Surface
- JA2 — Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
- J1 — Widening with HMA, Type C consisting of 165 lbs/syd QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 880 lbs/syd QC/QA-HMA, 3, 58S, Base, 25.0 mm on Subgrade Treatment Type IC on Geotextile for Pavement Type 2B
- K1 — HMA Patching Full Depth, Type C consisting of 165 lbs/syd QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 880 lbs/syd QC/QA-HMA, 3, 58S, Base, 25.0 mm on Subgrade Treatment Type IC on Geotextile for Pavement Type 2B
- O — Variable Depth Compacted Aggregate, No. 53 (12.5" max. depth)
- R1 — 165 lbs/syd QC/QA - HMA, 3, 58H, Surface, 9.5mm on Milling, Asphalt, 2"
- R2 — 165 lbs/syd QC/QA-HMA, 3, 58H, Surface, 9.5mm on Variable Depth 275 lbs/syd QC-QA-HMA, 3, 58H, Intermediate, 19.0 mm on Transition Milling
- T — Transition, Milling
- Limits of Subgrade Treatment
- \+ — Cross Slope varies, see Superelevation Diagrams, Construction Details, or Cross Sections for additional cross slope information.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SMR DRAWN: SMR

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
$\frac{3}{8}$" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
$\frac{3}{8}$" = 1'-0"	2200184

SURVEY BOOK			
ELECTRONIC	6	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:17:04 PM
File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_TypicalSections.dgn
Model:TypSec-05

SECTION 36, T-12-N, R-6-W
JACKSON TOWNSHIP
CLAY COUNTY

SECTION 31, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

Andrew Beau Bailey & Richard Brandon Bailey

Larry A. & Alba L. Latham

Andrew Beau Bailey & Richard Brandon Bailey

Nancy E. Jonas

Bradley J. Latham

CR 500 E

P.I. = 820+42.72 "S-SR42-HMA"

820+00

BEGIN PROJECT
STA. 819+32.57 "S-SR42-HMA"

819+00

R/W

SR 42

821+00

N88°43'13"E

P.C. = 819+32.57 "S-SR42-HMA"

PI = 820+42.72 "S-SR42-HMA"
Delta = 90°04'47.63" RT
R = 110.00'
T = 110.15'
L = 172.94'
E = 45.67'

P.T. = 821+05.51 "S-SR42-HMA"

S01°11'59"E

P.I. Sta. = 823+07.55 "S-SR42-HMA"
Delta = 88°35'51" LT
R = 122.00'
T = 119.05'
L = 188.65'
E = 48.46'

822+00

P.C. = 821+88.50 "S-SR42-HMA"

823+00

824+00

825+00

End Incidental Construction
Sta. 824+54.98 "S-SR42-HMA"

P.T. = 823+77.15 "S-SR42-HMA"

S89°47'50"E

818+00

Begin Incidental Construction
Sta. 818+55.00 "S-SR42-HMA"

Line "S-SR42-HMA"

END PROJECT
STA. 823+77.15 "S-SR42-HMA"

P.I. = 823+07.55 "S-SR42-HMA"

Section Line

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

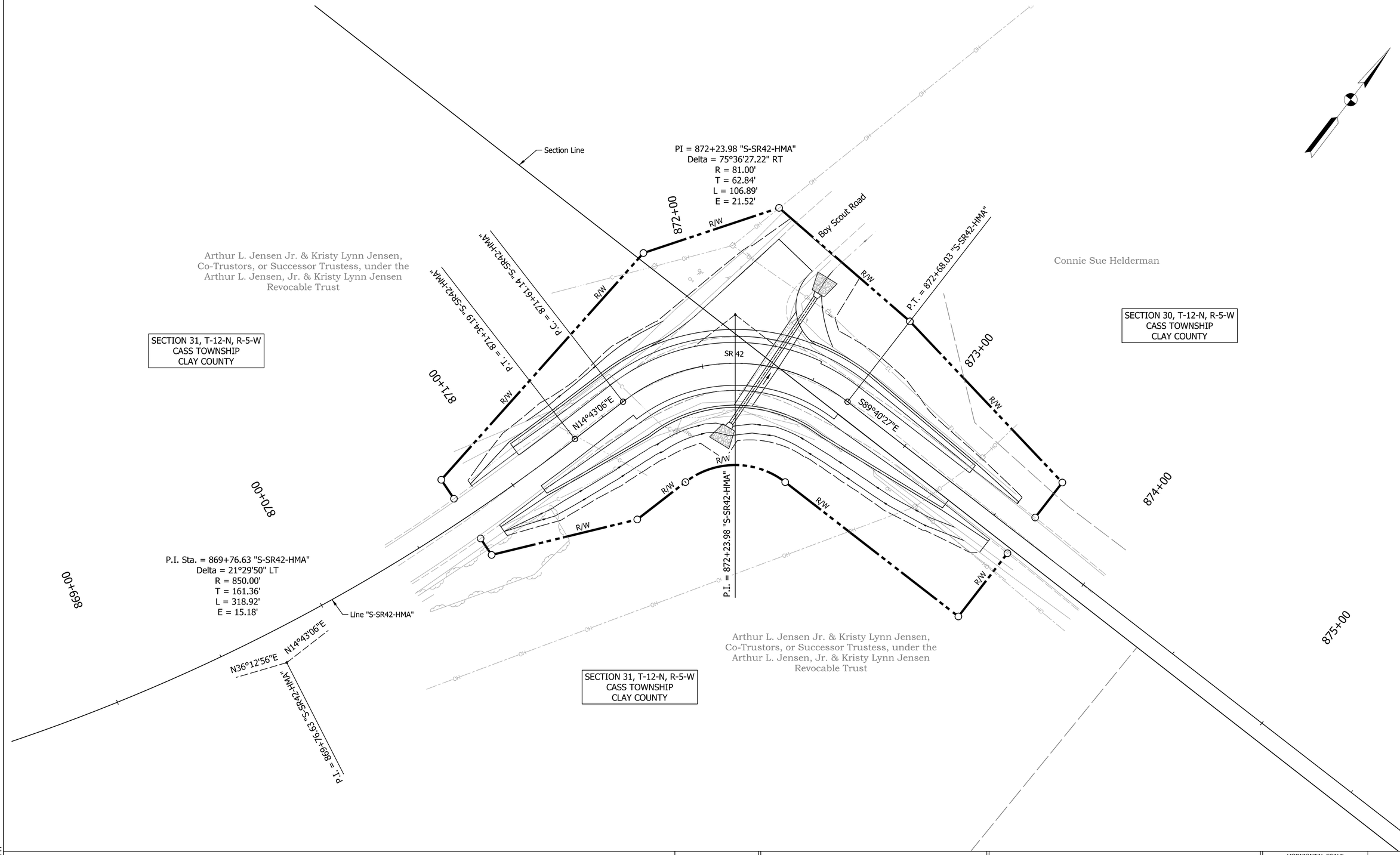
PLAT NO. 1
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	7	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:10 PM

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Model: 82043_82308



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

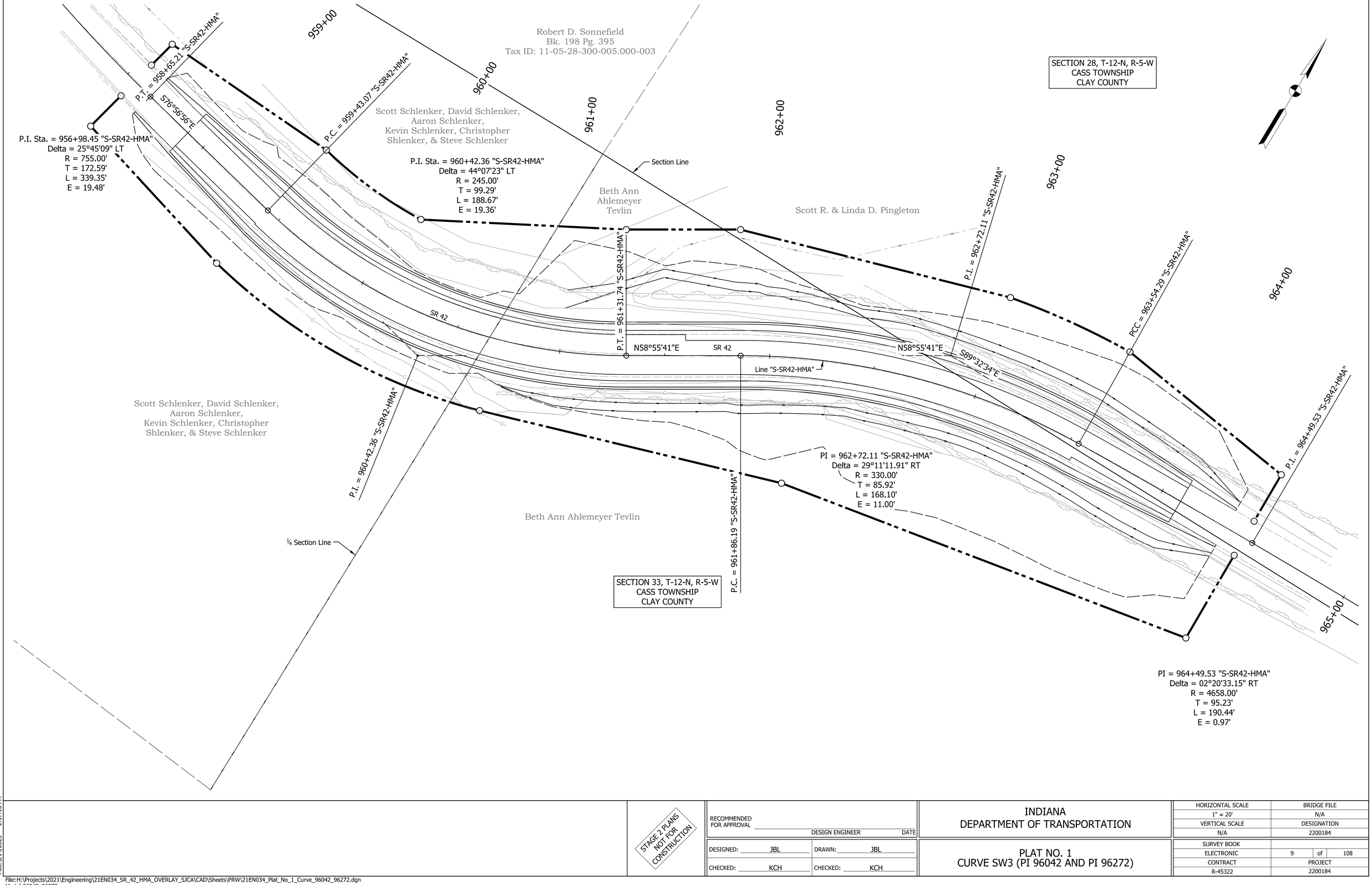
PLAT NO. 1
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	8	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:17:13 PM

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Model:87224



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

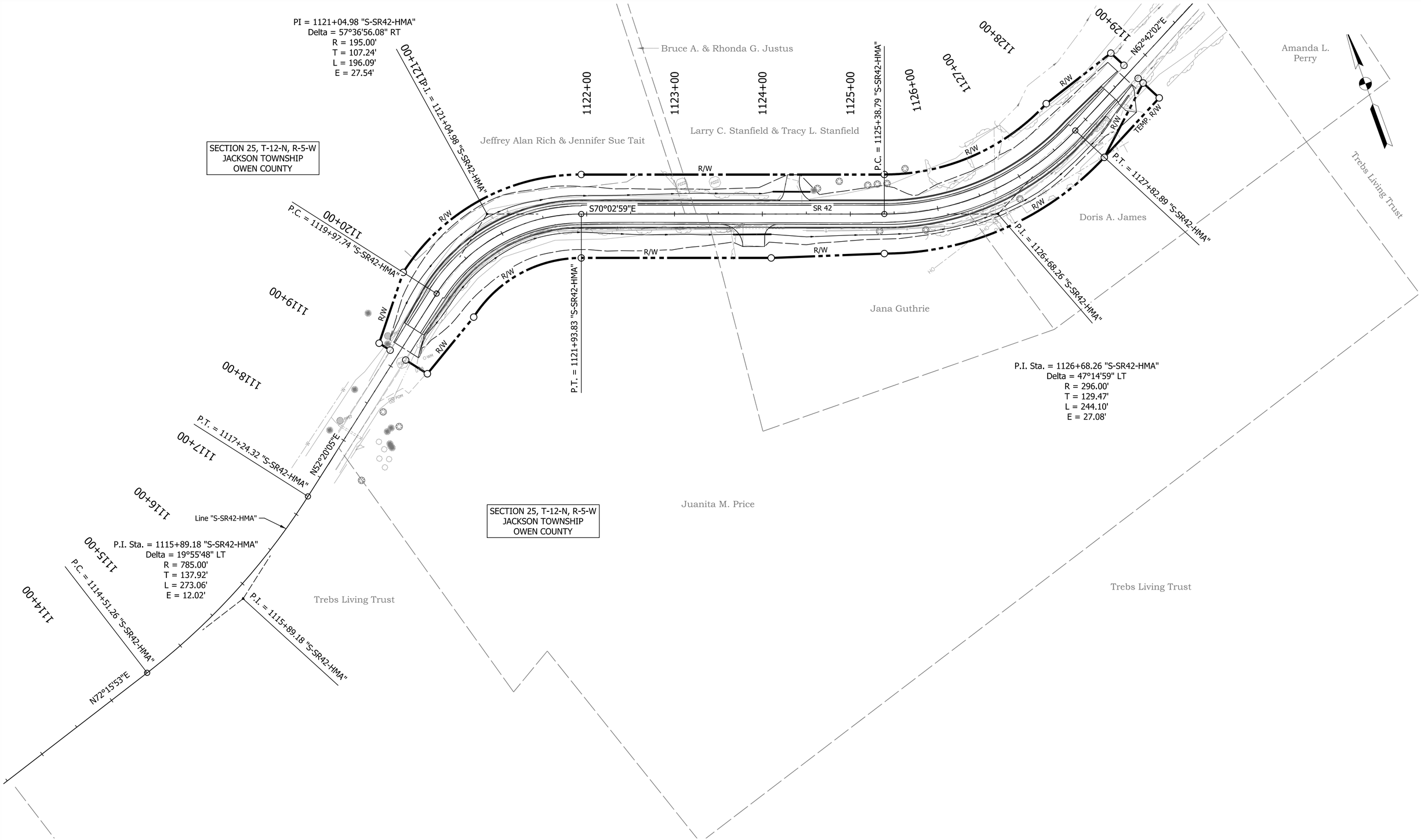
PLAT NO. 1
CURVE SW3 (PI 96042 AND PI 96272)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	9	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:16 PM

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Model: 96042_96272



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

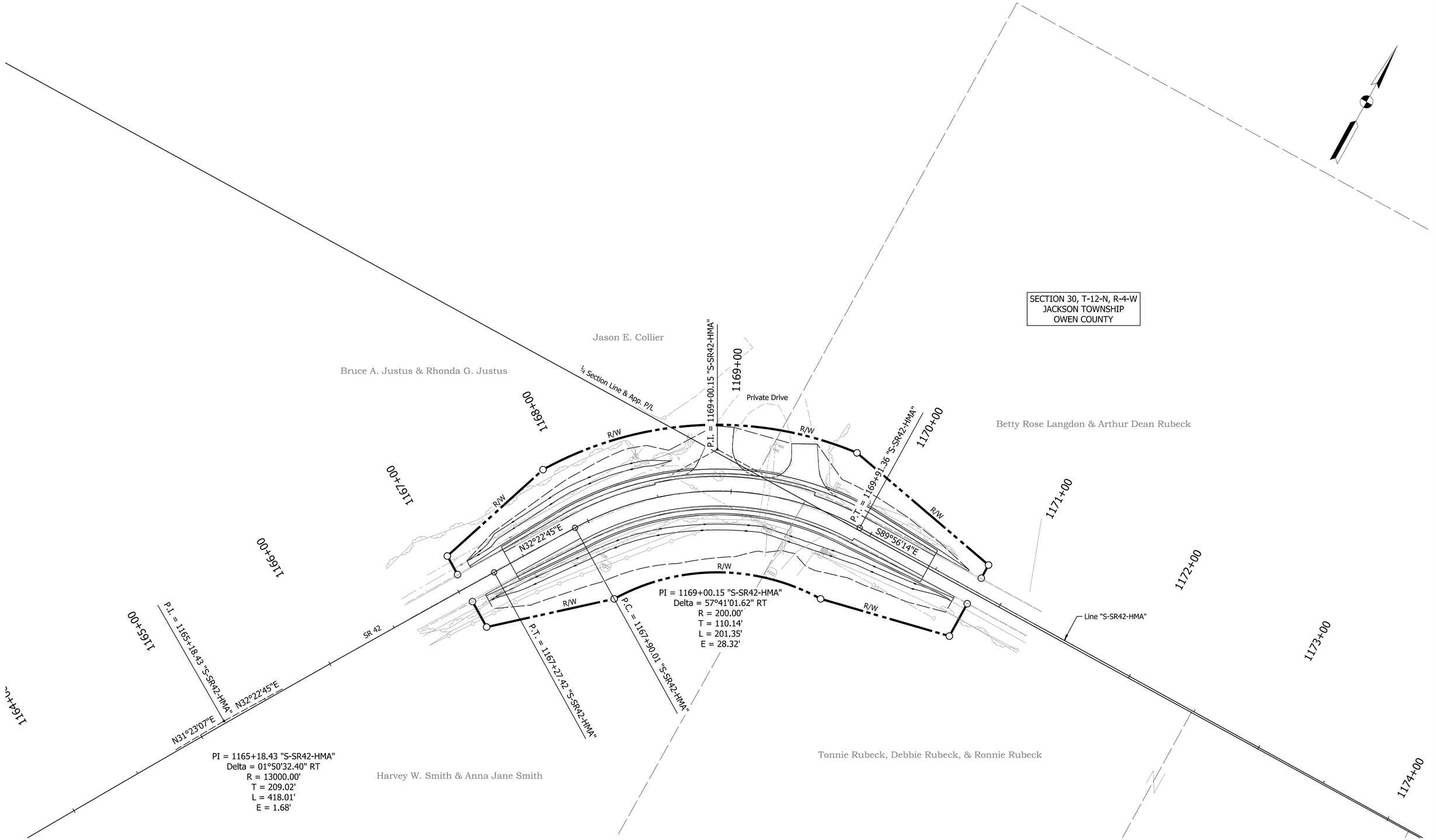
PLAT NO. 1
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	10	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:19 PM

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Model: 112105_112668



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

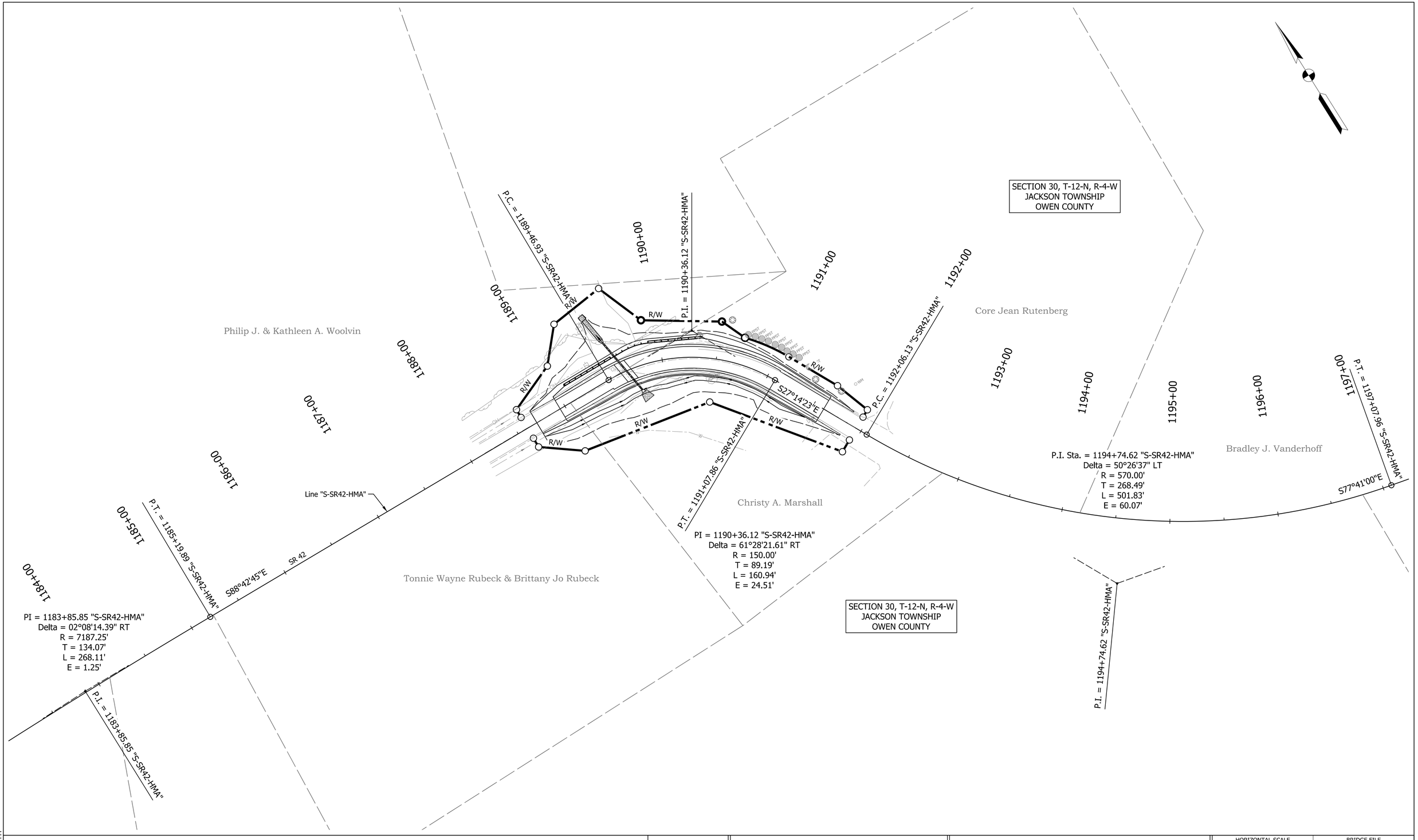
PLAT NO. 1
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	11	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:22 PM

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Model: 116900



SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JBL DRAWN: JBL

CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	12	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:25 PM

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Model: 119036

SECTION 29, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

1221+00
1222+00
1223+00
1224+00
1225+00
1226+00
1227+00
1228+00
1229+00
1230+00

Line "S-SR42-HMA"
S86°01'12"E

SR 42
Oak Grove Church Road

Lot 53
Thomas M. Doughty &
Ronda L. Steele

Ahlemeyer Highland Lake View

Lot 51

Subdivision Line

Lot 54
Colleen N. Logsdon

P.C. = 1224+68.89 "S-SR42-HMA"

P.I. = 1225+90.46 "S-SR42-HMA"

Michael J. Colson & Jami Colson

P.T. = 1226+95.77 "S-SR42-HMA"

Michael J.
Colson &
Jami Colson

Lakeview Drive

S35°02'29"E

R/W

PI = 1225+90.46 "S-SR42-HMA"
Delta = 50°58'43.07" RT
R = 255.00'
T = 121.57'
L = 226.88'
E = 27.50'

END PROJECT
Des. No. 2200184
Sta. 819+32.57 "S-SR42-HMA"

P.C. = 1230+51.21 "S-SR42-HMA"

Lot XX
Cataract Lake Water Corp.
(Deed not yet verified)

Lot 31
Cataract Lake Water Corp.

Cagles Mills Estates

SECTION 29, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

Lot 30
Cataract Lake Water Corp.

Lot 29

Plot: 3/14/2025 2:17:27 PM

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Model: 122590

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

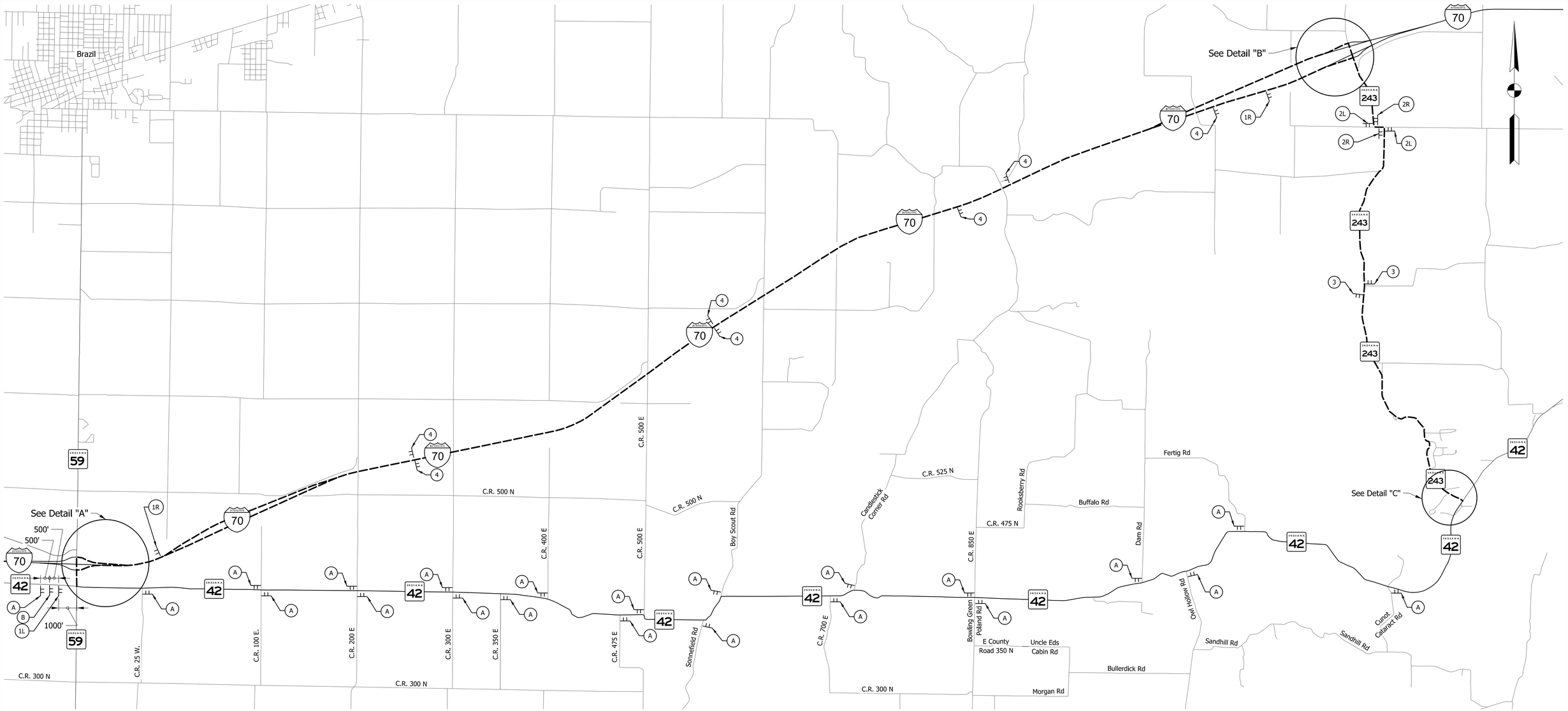
DESIGNED: JBL DRAWN: JBL
CHECKED: KCH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	13	of	108
CONTRACT	PROJECT		
R-45322	2200184		



DETOUR ROUTE MARKER ASSEMBLY LEGEND

DETOUR EAST INDIANA 42	M4-8 24" x 12" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M5-1 (L) 21" x 15"	1L	DETOUR EAST INDIANA 42	M4-8 24" x 12" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M5-1 (R) 21" x 15"	1R	DETOUR EAST INDIANA 42	M4-8 24" x 12" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M6-1 (L) 21" x 15"	2L	DETOUR EAST INDIANA 42	M4-8 24" x 12" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M6-1 (R) 21" x 15"	2R	DETOUR EAST INDIANA 42	M4-8 24" x 12" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M6-3 21" x 15"	3	DETOUR EAST INDIANA 42	M4-8 30" x 15" M3-2 or M3-4 (EAST/WEST) 30" x 15" M1-5 36" x 36" M6-3 30" x 21"	4	DETOUR EAST INDIANA 42	M4-8 30" x 15" M3-2 or M3-4 (EAST/WEST) 30" x 15" M1-5 36" x 36" M6-2 30" x 21"	5	END DETOUR EAST INDIANA 42	M4-8a 24" x 18" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M6-1 (L) 21" x 15"	6L	END DETOUR EAST INDIANA 42	M4-8a 24" x 18" M3-2 or M3-4 (EAST/WEST) 24" x 12" M1-5 24" x 24" M6-1 (R) 21" x 15"	6R

TWO ROAD CLOSURE
NOTICE SIGNS XG20-5
REQUIRED (ONE AT EACH END)
PLACED AT SITE A MINIMUM
OF 14 DAYS PRIOR TO ROAD CLOSURE

NOTES

1. Detour Route Marker Assemblies shall be in accordance with Standard Drawing 801-TCDT-04. Sign spacing shall be in accordance with Standard Drawing 801-TCDT-01.
2. Type B Construction Warning Lights shall be used with all signs located on barricades. Type A Construction Warning Lights shall be used on all other construction signs.
3. Access to all drives and field entrances shall be maintained during construction.
4. Contractor may utilize phased construction to construct shorter segments. Local traffic may utilize unofficial detours as needed. Contractor to adjust signs and sign messages accordingly.

LEGEND

- (A) "ROAD CLOSED AHEAD" - W20-3 - 36" x 36"
- (B) "DETOUR AHEAD" - W20-2 - 36" x 36"
- (C) Type III-A Barricades - 36 Lft Required
- (D) Road Closure Sign Assembly with "ROAD CLOSED" - R11-2 - 48" x 30"
- Construction Sign
- Detour Route

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SMR DRAWN: SMR

CHECKED: KCH/RA CHECKED: KCH/RA

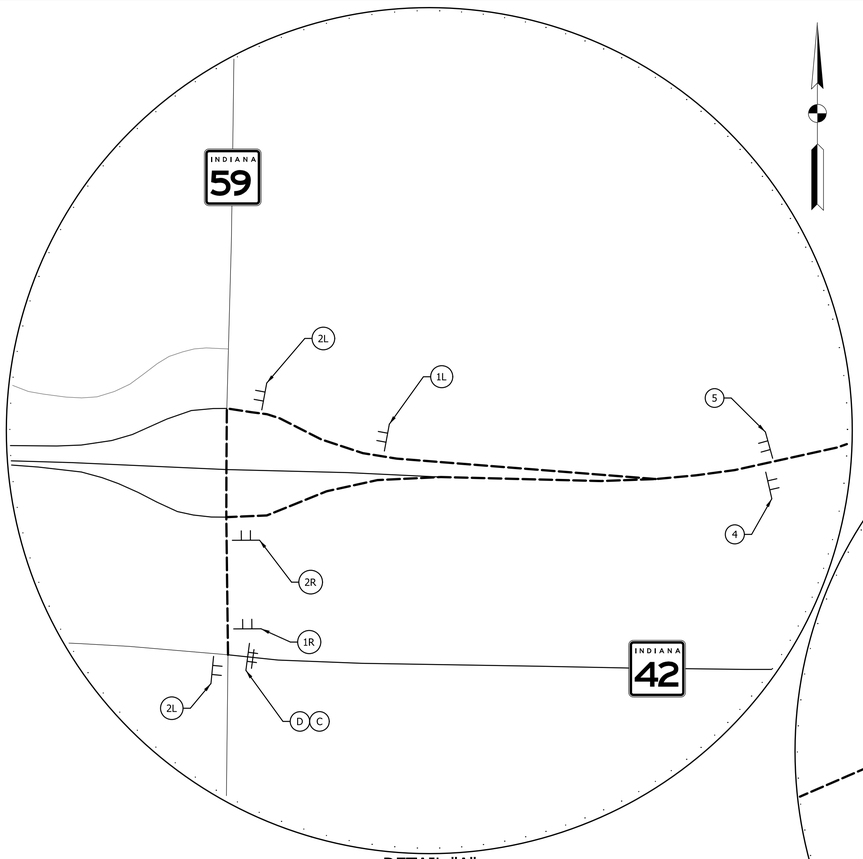
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
1" = 3200'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

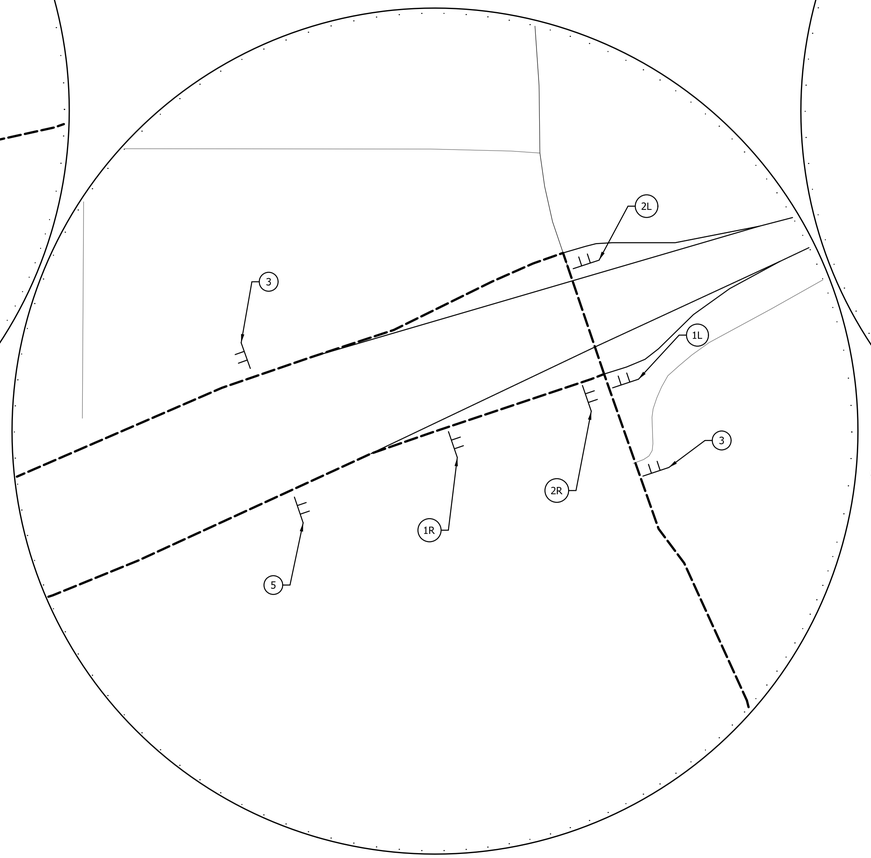
SURVEY BOOK			
ELECTRONIC	14	of	108
CONTRACT	PROJECT		
R-45322	2200184		

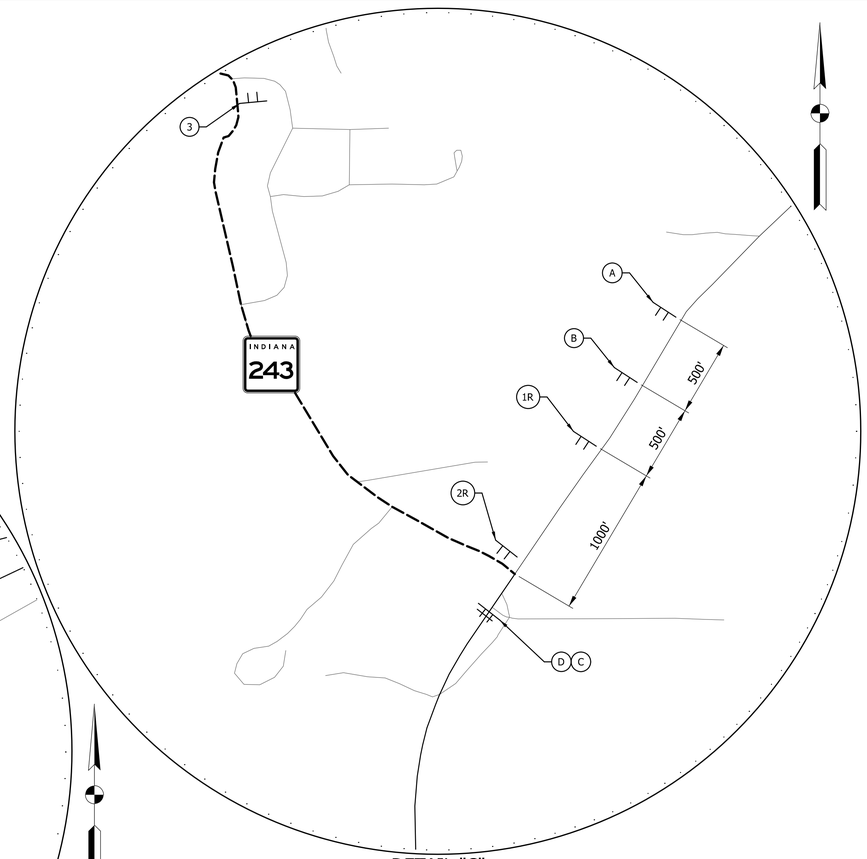
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Model: Sheet 1



DETAIL "A"
1" = 500'

DETAIL "B"
1" = 500'



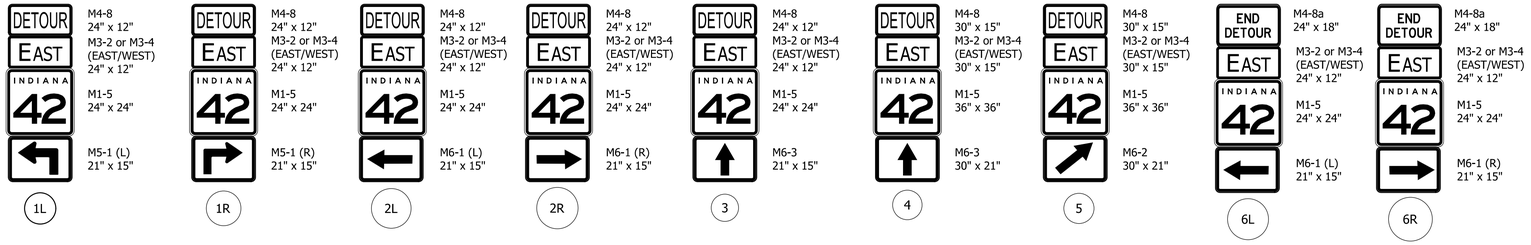


DETAIL "C"
1" = 500'

MAINTENANCE OF TRAFFIC QUANTITIES

ITEM	DESCRIPTION	SIZE	QTY	UNIT
Construction Sign, A			35	EACH
XG20-5	Road Closure Notice Sign	60" X 36"	2	
XW20-3	Road Closed Ahead	48" x 48"	29	
XW20-2	Detour Ahead	48" x 48"	2	
XW20-1-A	Road Work Ahead	48" x 48"	2	
Road Closure Sign Assembly			8	EACH
Barricades, III-A	24 Lft. per Location		96	LFT
Barricades, III-B	24 Lft. per Location		48	LFT
Detour Route Marker Assembly			33	EACH

DETOUR ROUTE MARKER ASSEMBLY LEGEND



NOTES

1. Detour Route Marker Assemblies shall be in accordance with Standard Drawing 801-TCDT-04. Sign spacing shall be in accordance with Standard Drawing 801-TCDT-01.
2. Type B Construction Warning Lights shall be used with all signs located on barricades. Type A Construction Warning Lights shall be used on all other construction signs.
3. Access to all drives and field entrances shall be maintained during construction.
4. Contractor may utilize phased construction to construct shorter segments. Local traffic may utilize unofficial detours as needed. Contractor to adjust signs and sign messages accordingly.

LEGEND

- (A) "ROAD CLOSED AHEAD" - W20-3 - 36" x 36"
- (B) "DETOUR AHEAD" - W20-2 - 36" x 36"
- (C) Type III-A Barricades - 36 Lft Required
- (D) Road Closure Sign Assembly with "ROAD CLOSED" - R11-2 - 48" x 30"
- Construction Sign
- Detour Route

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: SMR | DRAWN: SMR

CHECKED: KCH/RA | CHECKED: KCH/RA

INDIANA
DEPARTMENT OF TRANSPORTATION

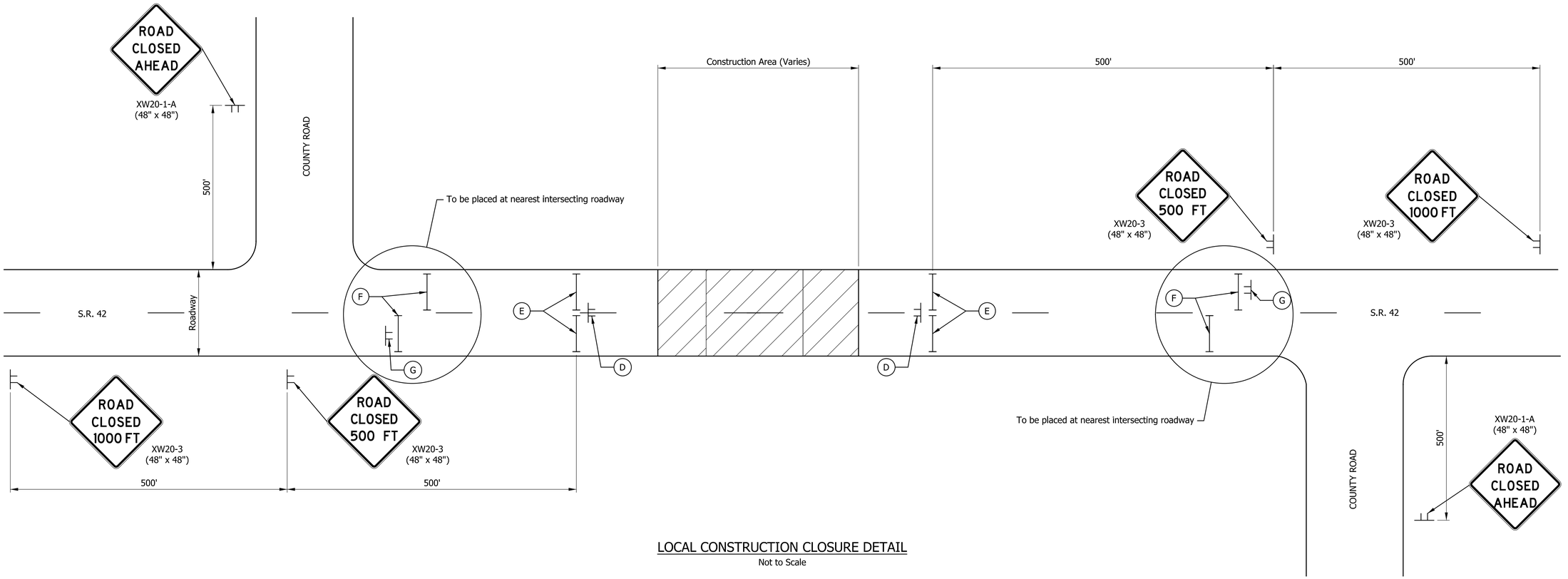
MAINTENANCE OF TRAFFIC
DETOUR ROUTE DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	15	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:32 PM

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Model: Sheet 2



LOCAL CONSTRUCTION CLOSURE DETAIL

Not to Scale

LEGEND

- (D) Road Closure Sign Assembly with "ROAD CLOSED" - R11-2 - 48" x 30"
- (E) Type III-A Barricades - 12 Lft each
- (F) Type III-B Barricades - 12 Lft each
- (G) Road Closure Sign Assembly with "ROAD CLOSED X MILES AHEAD LOCAL TRAFFIC ONLY" - R11-3 - 60" x 30"
- ⊤⊤ Construction Sign

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: HA DRAWN: HA

CHECKED: GAH CHECKED: GAH

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE	BRIDGE FILE
NOT TO SCALE	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	16	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:34 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_MOT_Closure.dgn
Model: MOT SHEET

NOTE TO REVIEWER:
Reference Ties will be added once
LCRSP is complete in future submittal.

TEMPORARY BENCHMARK INFORMATION

DESCRIPTION	STATION (LINE "S-SR42-HMA")	OFFSET	ELEVATION
TBM #1 SPIKE IN S FACE OF UTILITY POLE NO NUMBER	503+56.43	-38.12	623.78
TBM #2 CUT X ON N BONNET BOLT OF HYDRANT	505+70.10	42.01	622.15
TBM #3 CUT X ON N MOUNTING BOLT OF EAST POST FOR ROADWAY INN SIGN	506+25.44	59.13	620.61
TBM #4 SPIKE IN S FACE OF UTILITY POLE 114967	519+06.85	-26.52	608.58
TBM #5 SPIKE IN N FACE OF UTILITY POLE 114964	521+89.30	14.15	610.17
TBM #6 SPIKE IN N FACE OF UTILITY POLE 93020412910	526+59.55	14.78	606.60
TBM #7 SPIKE IN S FACE OF UTILITY POLE 205849	536+66.00	-29.16	587.09
TBM #9 CUT X ON NE COR OF CONC BASE FOR ELECTRIC BOX 155	545+26.29	26.10	582.97
TBM #8 SPIKE IN N FACE OF UTILITY POLE 114961	545+32.46	33.86	582.59
TBM #10 CUT X IN E EDGE OF NE ABUTMENT	554+27.64	-23.34	589.53
TBM #11 SPIKE IN S FACE OF UTILITY POLE 115016	559+08.18	-37.78	597.07
TBM #12 SPIKE IN S FACE OF UTILITY POLE 115017	561+71.76	-40.86	601.74
TBM #112 SPIKE IN N FACE OF UTILITY POLE# 115022	567+52.60	33.27	613.55
TBM #13 SPIKE IN S FACE OF UTILITY POLE 115025	571+80.31	-17.03	608.96
TBM #14 SPIKE IN S FACE OF UTILITY POLE 115026	575+88.83	-15.41	602.73
TBM #15 SPIKE IN S FACE OF UTILITY POLE 115023	578+68.09	-47.78	606.43
TBM #113 SPIKE IN S FACE OF UTILITY POLE#115029	582+26.10	-41.68	606.80
TBM #16 SPIKE IN N FACE OF UTILITY POLE 115031	591+34.25	-26.98	616.20
TBM #17 SPIKE IN S FACE OF UTILITY POLE 115042	601+44.93	-16.17	624.40
TBM #18 SPIKE IN S FACE OF UTILITY POLE 115210	604+62.53	-15.06	627.21
TBM #19 SPIKE IN E FACE OF UTILITY POLE 115043	604+84.09	68.35	628.20
TBM #20 SPIKE IN S FACE OF UTILITY POLE 376-488	612+33.07	-14.09	641.48
TBM #21 SPIKE IN S FACE OF UTILITY POLE 376-485	620+74.47	-12.26	635.75
TBM #22 SPIKE IN S FACE OF UTILITY 376-483	627+74.37	-13.27	633.80
TBM #23 SPIKE IN S FACE OF UTILITY POLE 376-482	631+29.49	-13.01	635.77
SPIKE IN S FACE OF UTILITY POLE 376-388	635+50.64	-16.89	640.90
TBM #25 SPIKE IN S FACE OF UTILITY POLE 376-338	640+52.49	-14.96	636.91
TBM #26 S FACE OF UTILITY POLE UTILITY POLE 376-334	646+87.98	-14.88	643.12
TBM #27 S FACE OF UTILITY POLE 376-382	653+34.33	-14.33	641.64
TBM #28 N FACE OF UTILITY POLE 374-003	660+58.61	40.75	644.72
TBM #29 S FACE OF UTILITY POLE 378-197	663+75.53	-36.65	640.33
TBM #30 N FACE OF UTILITY POLE	673+89.58	12.74	647.26
TBM #31 S FACE OF UTILITY POLE POLE 2510-354	683+83.83	-27.16	657.98
TBM #32 N FACE OF UTILITY POLE 374-028	695+44.89	16.08	648.93
TBM #33 N FACE OF UTILITY POLE NO NUMBER	702+17.49	14.36	640.17
TBM #34 N FACE OF UTILITY POLE 374-065	706+48.96	13.66	637.73
TBM #35 N FACE OF UTILITY POLE NO NUMBER	710+92.66	15.14	642.02
TBM #36 N FACE OF UTILITY POLE 374-342	715+12.51	15.78	642.57
TBM #37 SPIKE IN S FACE OF UTILITY POLE 374-049	726+01.50	38.92	611.12
TBM #38 CUT X ON THE NE COR OF CONC BASE OF CONC GUARDRAIL WALL ON S SIDE OF BRIDGE	731+59.13	13.13	600.24
TBM #39 N FACE OF UTILITY POLE 374-055	735+96.69	35.13	609.07
TBM #40 SPIKE IN S FACE OF UTILITY POLE 374-061	745+17.20	-71.67	592.58
TBM #41 SPIKE IN S FACE OF UTILITY POLE 374-067	755+85.99	55.77	618.23
TBM #42 SPIKE IN S FACE OF UTILITY POLE 374-073	765+67.71	-50.03	636.11
TBM #43 SPIKE IN S FACE OF UTILITY POLE 374-081	777+77.77	-20.16	636.15
TBM #44 SPIKE IN N FACE OF UTILITY POLE 378.693	783+17.32	34.60	629.66
TBM #45 SPIKE IN S FACE OF UTILITY POLE 374091	793+85.37	-16.78	641.99
TBM #47 SPIKE IN S FACE OF UTILITY POLE	802+36.99	-15.22	687.27
TBM #48 SPIKE IN S FACE OF UTILITY POLE 374101	807+30.31	-11.58	688.05
TBM #49 SPIKE IN S FACE OF UTILITY POLE 374-106	814+18.70	-13.96	690.07
TBM #50 SPIKE IN S FACE OF UTILITY POLE 374113	823+85.99	-19.11	708.27
TBM #51 SPIKE IN S FACE OF UTILITY POLE	834+42.12	-14.94	699.16
TBM #111 SPIKE IN S FACE OF UTILITY POLE 374126	841+07.17	-18.75	682.03
TBM #52 SPIKE IN S FACE OF UTILITY POLE 374-128	844+97.95	-18.94	676.86
TBM #120 SPIKE IN S FACE OF UTILITY POLE 374131	848+71.98	-16.78	680.36
TBM #53 SPIKE IN S FACE OF UTILITY POLE 374-135	854+86.41	-14.51	684.68
TBM #54 SPIKE IN W FACE OF UTILITY POLE 374-145	868+07.12	42.78	645.32
TBM #55 SPIKE IN E FACE OF UTILITY POLE B.A.C.	872+14.30	-51.96	636.90
TBM #56 SPIKE IN N FACE OF UTILITY POLE 204241	876+16.45	18.04	639.95
TBM #57 CUT X ON N EDGE OF CONC HEADWALL W OF GRAVEL DRIVEWAY	887+43.27	23.69	598.20
TBM #58 SPIKE IN N FACE OF UTILITY POLE 374-160	896+50.04	38.58	579.85
TBM #59 SPIKE IN N FACE OF UTILITY POLE 374-167	907+27.43	14.22	580.67
TBM #60 SPIKE IN N FACE OF UTILITY POLE 374-167	917+66.81	-17.49	579.90
TBM #61 SPIKE IN S FACE OF UTILITY POLE 207385	927+66.96	-17.17	584.56
TBM #62 SPIKE IN N FACE OF UTILITY POLE 374-187	938+14.00	13.41	596.44
TBM #63 SPIKE IN N FACE OF UTILITY POLE 374-319	949+14.24	16.83	610.07

TEMPORARY BENCHMARK INFORMATION

DESCRIPTION	STATION (LINE "S-SR42-HMA")	OFFSET	ELEVATION
TBM #64 SPIKE IN N FACE OF UTILITY POLE 174-198	955+37.35	24.01	591.61
TBM #65 PRE FLUSH	960+10.84	29.49	597.43
TBM #66 SPIKE IN S FACE OF UTILITY POLE 374-208	970+15.92	-13.11	642.37
TBM #114 SPIKE IN S FACE OF UTILITY POLE#374-211	974+72.55	-13.71	644.58
TBM #67 SPIKE IN S FACE OF UTILITY POLE 374-214	979+41.24	-18.56	615.82
TBM #68 SPIKE IN S FACE OF UTILITY POLE 374-219	989+06.76	-14.96	652.92
TBM #115 SPIKE IN S FACE OF UTILITY POLE#374-221	992+14.29	-16.02	640.84
TBM #69 SPIKE IN S FACE OF UTILITY POLE 374-225	998+33.49	-14.79	644.28
TBM #70 SPIKE IN S FACE OF UTILITY POLE 374-232	1004+45.50	-18.95	661.79
TBM #71 SPIKE IN S FACE OF UTILITY POLE 390-478	1013+96.74	-39.65	701.15
TBM #72 SPIKE IN N FACE OF UTILITY POLE 376-613	1020+93.95	21.32	680.72
TBM #73 SPIKE IN N FACE OF UTILITY POLE 384-262	1031+05.06	31.37	654.05
TBM #74 CUT X ON NW HEADWALL OF BRIDGE	1041+30.37	-17.86	649.20
TBM #75 SPIKE IN N FACE OF UTILITY POLE 102-016	1047+32.57	50.55	659.49
TBM #76 SPIKE IN N FACE OF UTILITY POLE 102-26-015	1051+51.65	49.88	651.17
TBM #77 SPIKE IN N FACE OF UTILITY POLE 102-26-008	1057+45.35	77.03	641.14
TBM #116 SPIKE IN S FACE OF UTILITY POLE#102-27-015	1064+81.70	-40.66	639.17
TBM #78CUT XC ON SE CONC ABUTMENT FOR BRIDGE	1067+06.03	17.87	644.00
TBM #79 SPIKE IN S FACE OF UTILITY POLE 102-28-009	1078+07.49	-42.33	647.23
TBM #80 PRE FLUSH	1088+71.37	-11.37	677.05
TBM #81 SPIKE IN N FACE OF UTILITY POLE 102-29-009	1094+65.53	21.98	692.64
TBM #82 PRE FLUSH	1102+39.07	21.65	721.46
TBM83 SPIKE IN N FACE OF UTILITY POLE 102-29-006	1108+51.44	34.43	743.57
TBM #84 PRE FLUSH	1112+58.76	-13.44	763.54
TBM #117 SPIKE IN N FACE OF UTILITY POLE#103-10-006	1115+13.38	32.58	786.72
TBM #85 SPIKE IN N FACE OF UTILITY POLE 103-10-002	1125+44.01	99.53	749.80
TBM #86 CUT X ON N END OF CONC HEADWALL ON W SIDE OF DRIVE	1130+19.01	22.26	712.49
TBM #87 SPIKE IN N FACE OF UTILITY POLE	1135+59.92	67.26	690.52
TBM #88 SPIKE IN S FACE OF UTILITY POLE 103-12-007	1147+11.68	-25.19	682.15
TBM #89 SPIKE IN E FACE OF UTILITY POLE103-02-003	1165+86.48	-16.39	720.67
TBM #90 SPIKE IN N FACE OF UTILITY POLE NO NUMBER	1176+50.97	27.05	750.16
TBM #91 SPIKE IN S FACE OF UTILITY POLE NO NUMBER	1178+28.21	-30.22	759.79
TBM #92 SPIKE IN S FACE OF UTILITY POLE NO NUMBER	1182+75.73	-20.29	775.43
TBM #93 SPIKE IN S FACE OF UTILITY POLE Z1430	1195+26.33	-69.03	777.22
TBM #94 SPIKE IN N FACE OF UTILITY POLE NO NUMBER	1201+76.46	24.43	785.41
TBM #95 SPIKE IN N FACE OF UTILITY POLE NO NUMBER NO NUMBER	1212+97.81	24.30	759.43
TBM #96 SPIKE IN S FACE OF UTILITY POLE NO NUMBER	1222+24.79	-94.72	788.11
TBM #97 SPIKE IN N FACE OF UTILITY POLE NO NUMBER	1237+38.46	24.55	796.58
TBM #98 SPIKE IN S FACE OF UTILITY POLE NO NUMBER	1245+56.19	-17.46	785.93
TBM #118 SPIKE IN S FACE OF UTILITY POLE# UNKNOWN	1251+59.05	-27.29	780.89
TBM #99 SPIKE IN N FACE OF UTILITY POLE Z144BCA	1254+38.11	42.50	779.76
TBM #100 SPIKE IN N FACE OF UTILITY POLE 103-28-009	1265+02.17	44.69	806.13
TBM #101 PRE FLUSH	1275+67.83	26.13	785.29
TBM #102 PRE FLUSH	1285+91.31	-17.46	729.41
TBM #103 PRE FLUSH	1297+29.47	-15.41	683.75
TBM #119 SPIKE IN W FACE OF POLE# UNKNOWN	1300+98.39	51.21	679.08
TBM #104 CUT X ON THE N END OF THE WEST WALL OF CONC BRIDGE	1308+83.89	-19.00	706.78
TBM #105 CUT X ON THE E END OF A CONC HEADWALL	1319+18.08	-24.61	763.49
TBM #106 SPIKE IN W FACE OF UTILITY POLE 886	1329+06.25	41.36	787.55
TBM #107 SPIKE IN W FACE OF UTILITY POLE NO NUMBER	1330+89.88	49.99	789.18
TBM #108 SPIKE IN E FACE OF UTILITY POLE 084-90-012	1336+56.20	-53.69	794.38
TBM #109 SPIKE IN W FACE OF UTILITY POLE 084-90-001	1342+65.90	49.25	801.63
TBM #110 CUT X ON E EDGE OF CONC HEADWALL	1343+82.50	-37.81	798.86

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: RA CHECKED: RA

INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DATA

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	17 of 108
CONTRACT	PROJECT
R-45322	2200184

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Model: Index

Andrew Beau Bailey & Richard Brandon Bailey

Larry A. & Alba L. Latham

SECTION 36, T-12-N, R-6-W
JACKSON TOWNSHIP
CLAY COUNTY

SECTION 31, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

819+99.37, -72.3, Pedestal or stub
820+01.26, -4'-, FO Marker
820+04.36, -66.2, Sign
820+04.55, -47.6, Sign
820+05.99, -43.4, Drainage pipe 15IN CMP
820+07.12, -50.2, PWP
820+20.03, -71.0, Pole
820+23.16, -66.0, Drainage pipe 15IN CMP
820+23.17, -76.3, Pedestal or stub
820+31.84, -52.8, Sign
820+46.65, -38.7, Sign

820+00

Exist. 12" Ø CMP
(No work req'd.)

P.I. = 820+42.72 "S-SR42-HMA"

+32, Mod. Public Road Approach
W = 58'

C.R. 500 E.

40' R/W

+Exist. EOP
(+09.17)
40.00'

+Exist. EOP
(+39.53)
40.00'

19.9'

19.8'

Section Line & App. P/L

Constr. Limits

819+00

+P.C.
(+32.57)
40.00'

Flowline of Proposed Special Flat Bottom Ditch, Lt.
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

R/W

P.C. = 819+32.57 "S-SR42-HMA"
N88°43'13"E

Sawcut

Flowline of Proposed Special Flat Bottom Ditch, Rt.
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

MATCHLINE - SEE NEXT SHEET

+40.00
30.00'

R/W (819+32.57, -44.1, PWP

+40.00
Exist. EOP
(10.17')

Line "S-SR42-HMA"

S.R. 42

+40.00
Exist. EOP
(9.89')

R/W

+40.00
30.00'

Begin Incidental Construction
DES. NO. 2200184
Sta. 818+55.00 "S-SR42-HMA"

45' R/W

P.C. = 819+32.57 "S-SR42-HMA"

+P.C.
(+32.57)
45.00'

Constr. Limits

Begin Project
DES. NO. 2200184
Sta. 819+32.57 "S-SR42-HMA"

PI = 820+42.72 "S-SR42-HMA"
Delta = 90°04'47.63" RT
R = 110.00'
T = 110.15'
L = 172.94'
E = 45.67'
SE = 14.25%

SECTION 36, T-12-N, R-6-W
JACKSON TOWNSHIP
CLAY COUNTY

NOTE TO REVIEWER:
R/W need for Utility Relocation is being coordinated.
The Final R/W may need to be adjusted to meet their need.

NOTE TO REVIEWER:
Limits of tree clearing to be determined after coordination with utilities is complete. Limits to be added for next submittal.

NOTE TO REVIEWER:
Spot elevation details shall be included in next submittal.

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

Andrew Beau Bailey & Richard Brandon Bailey

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

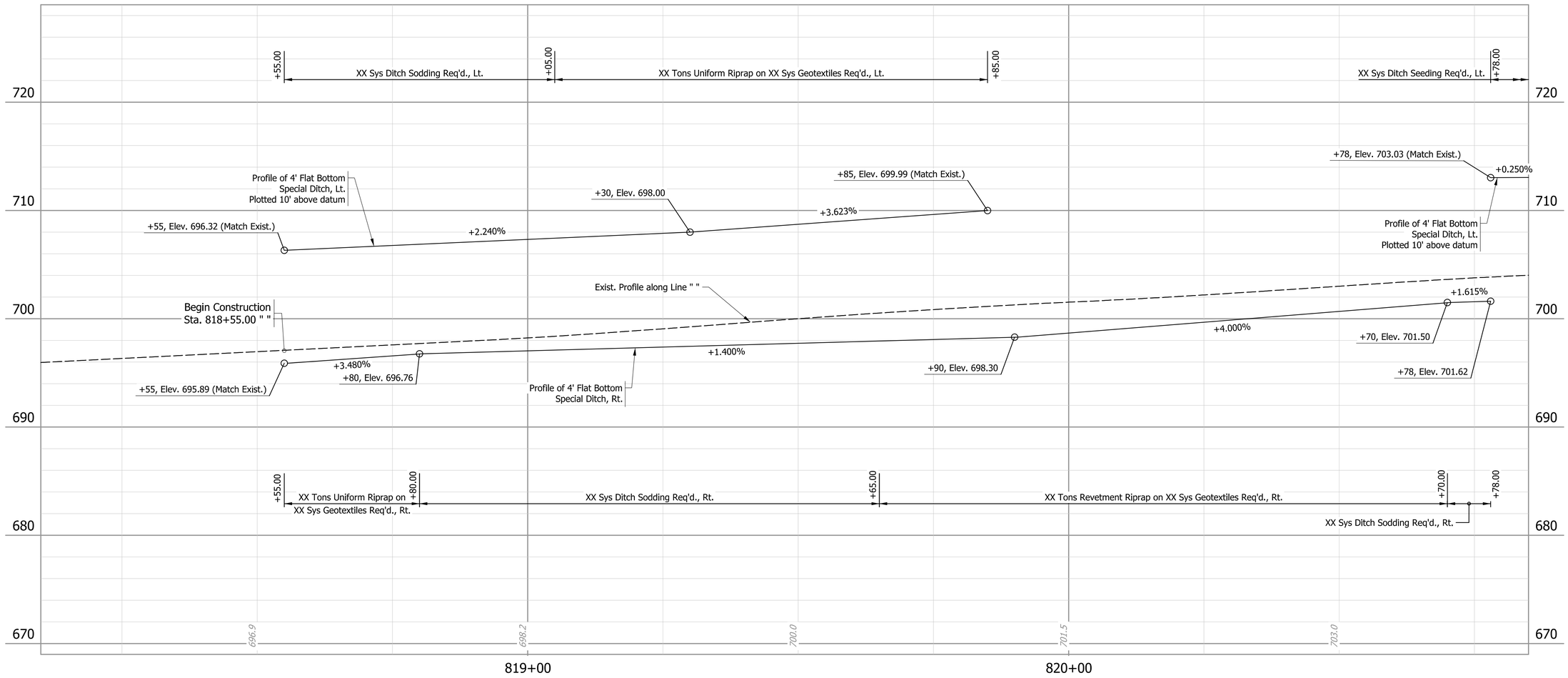
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	18	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:45 PM
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Model: ConstrDetail_Curve_01



NOTES TO REVIEWER:
1. Quantities for ditch protection will be included in the next submittal.
2. Ditches with riprap ditch protection that are located within the clear zone shall be choked with uniform riprap. The details and quantities of this uniform riprap will be included at next submittal.
3. All ditches with grades of 3.000% or more shall receive riprap ditch protection. There is ongoing discussions with the District to decide if and where Erosion Control Mat will be used in lieu of the riprap. These potential changes to the ditch protection material will be included in the next submittal.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MDP CHECKED: MDP

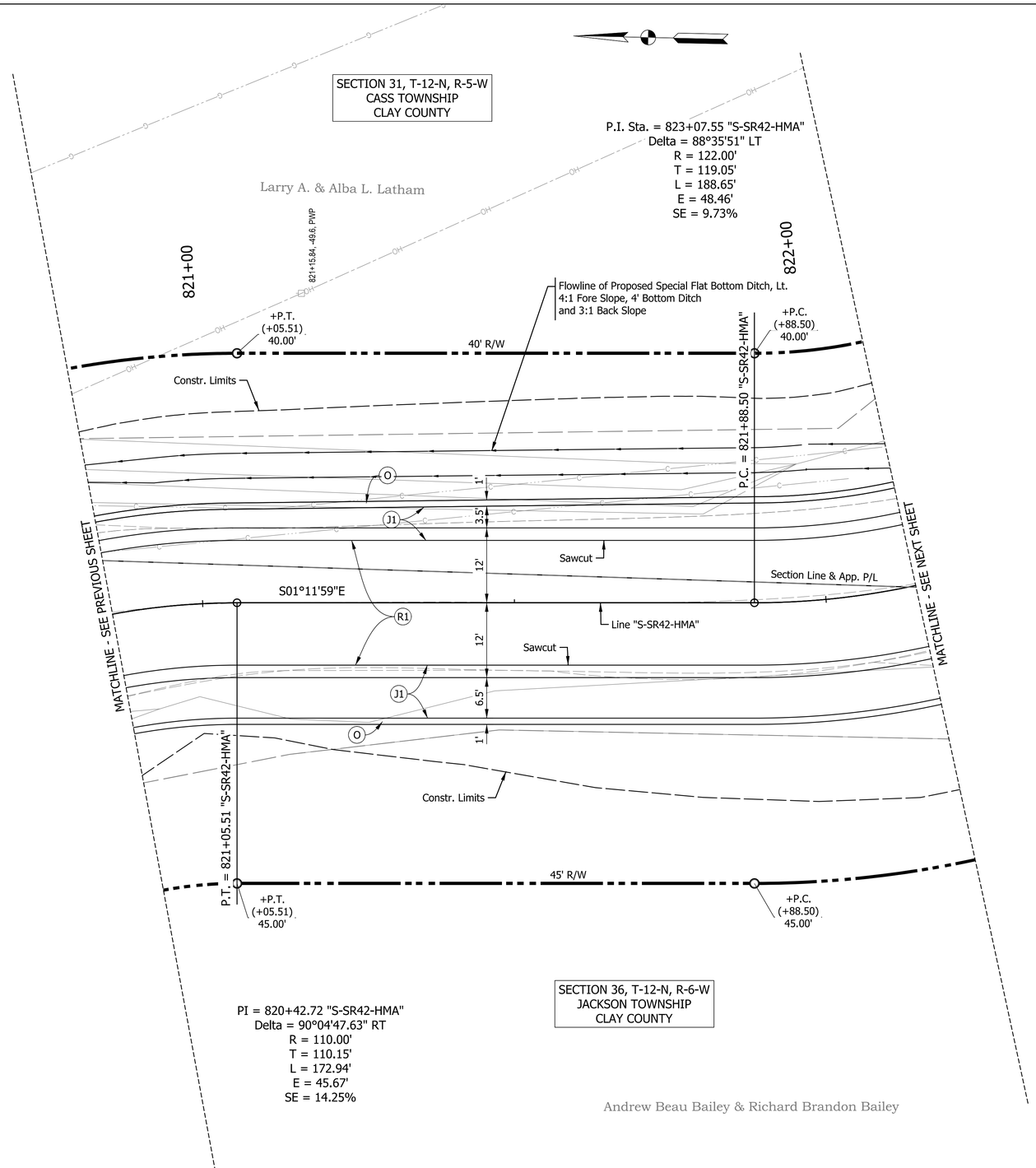
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	19	of	108
CONTRACT	PROJECT		
R-45322	2200184		

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Model: Plan- - Profile 1 [Sheet]



LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

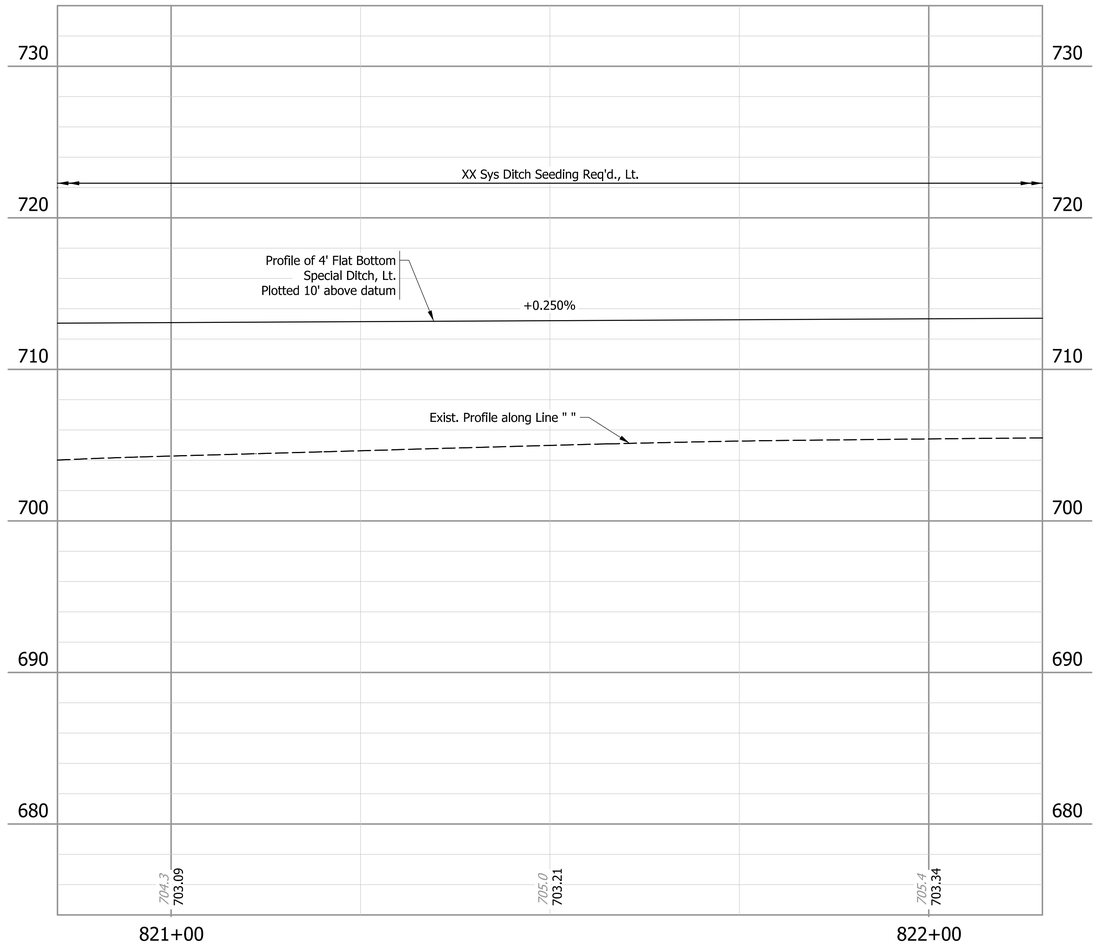
PLAN SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	20	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:46 PM

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Model: ConstrDetail_Curve_01a



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: SG CHECKED: SG

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	21 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot:3/14/2025 2:17:47 PM

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Model:Plan- - Profile 2 [Sheet]

SECTION 31, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

Larry A. & Alba L. Latham

P.I. Sta. = 823+07.55 "S-SR42-HMA"
Delta = 88°35'51" LT
R = 122.00'
T = 119.05'
L = 188.65'
E = 48.46'
SE = 9.73%

824+00

825+00

823+00

End Incidental Construction
Sta. 824+55.00 "S-SR42-HMA"

+65.00
25.00'

R/W

+65.00
Exist. EOP
(10.48')

App. P/L

Constr. Limits

+P.T.
(+77.15)
40.00'

P.T. = 823+77.15 "S-SR42-HMA"

+65.00
Exist. EOP
(10.17')

+65.00
30.00'

Flowline of Proposed Special Flat Bottom Ditch, Lt.
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

MATCHLINE - SEE PREVIOUS SHEET

40' R/W

Section Line

S89°47'50"E

Sawcut

S.R. 42

Constr. Limits

SECTION 36, T-12-N, R-6-W
JACKSON TOWNSHIP
CLAY COUNTY

SECTION 31, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

Andrew Beau Bailey & Richard Brandon Bailey

Nancy E. Jonas

+P.T.
(+77.15)
45.00'

End Construction
Sta. 823+77.15 "S-SR42-HMA"

Flowline of Proposed Special Flat Bottom Ditch, Rt.
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

P.I. = 823+07.55 "S-SR42-HMA"

45' R/W

Section Line & App. P/L

App. P/L

822+76.02, 38.4 Rotar

822+78.40, 44.9, Sign

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH | DRAWN: KCH / HA

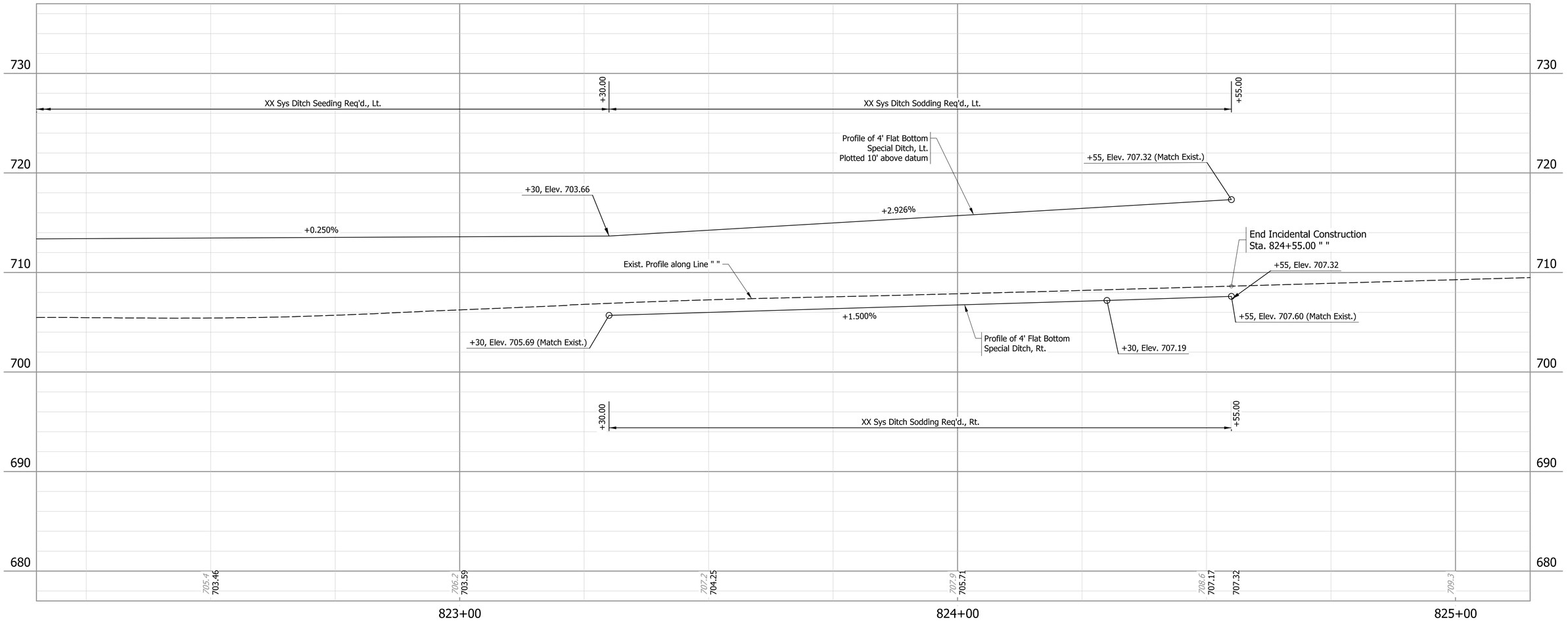
CHECKED: MAH | CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	22 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:17:48 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_82043-82308.dgn
Model: ConstrDetail_Curve_01b



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: SG CHECKED: SG

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	23	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:49 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_82043-82308.dgn
Model: Plan- - Profile 3 [Sheet]

SECTION 31, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

SECTION 30, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

Connie Sue Helderman

Arthur L. Jensen, Jr. & Kristy Lynn Jensen, Co-Trustors, or Successor Trustees, under the Arthur L. Jensen, Jr. & Kristy Lynn Jensen Revocable Trust

Connie Sue Helderman

Arthur L. Jensen, Jr. & Kristy Lynn Jensen, Co-Trustors, or Successor Trustees, under the Arthur L. Jensen, Jr. & Kristy Lynn Jensen Revocable Trust

+90.00
55.00'

+25.00
70.00'

+24, Mod. Public Road Approach
W=21'
(See Spot Elevation Details for additional information)

Section Line & App. P/L

R/W

50' R/W

872+00

N. Boy Scout Rd.

BEGIN PROJECT
STA. 871+61.14 "S-SR42-HMA"

P.C. = 871+61.14 "S-SR42-HMA"

Construction Limits

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

+30 ,Str. No. 10
(CLV 86918)

P.I. = 872+23.98 "S-SR42-HMA"

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

+68.03
45.00'

Construction Limits

END PROJECT
STA. 872+68.03 "S-SR42-HMA"

P.T. = 871+34.19 "S-SR42-HMA"

N14°43'06"E

Sawcut

Sawcut

Sawcut

873+00

Begin Incidental Construction
Sta. 870+85.00 "S-SR42-HMA"

+75.00
20.00'

+75.00
Exist. E.O.P.
(9.90')

Line "S-SR42-HMA"
S.R. 42

45' R/W

872+68.03 "S-SR42-HMA"

P.T. = 872+68.03

PI = 872+23.98 "S-SR42-HMA"
Delta = 75°36'27.22" RT
R = 81.00'
T = 62.84'
L = 106.89'
E = 21.52'
SE = Exist. (6.66% max.)

+P.C.
(+61.14)
45.00'

+P.T.
(+68.03)
45.00'

+34.19
45.00'

S89°40'27"E

+65.00
30.00'

+65.00
Exist. E.O.P.
(10.40')

+65.00
Exist. E.O.P.
(9.60')

+65.00
45.00'

End Incidental Construction
Sta. 873+55.00 "S-SR42-HMA"

Section Line

+75.00
Exist. E.O.P.
(11.26')

+75.00
20.00'

P.I. Sta. = 869+76.63 "S-SR42-HMA"
Delta = 21°29'50" LT
R = 850.00'
T = 161.36'
L = 318.92'
E = 15.18'

Flowline of Proposed Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

NOTE TO REVIEWER:
Spot elevation details shall be included in next submittal.

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: SG CHECKED: SG

INDIANA
DEPARTMENT OF TRANSPORTATION

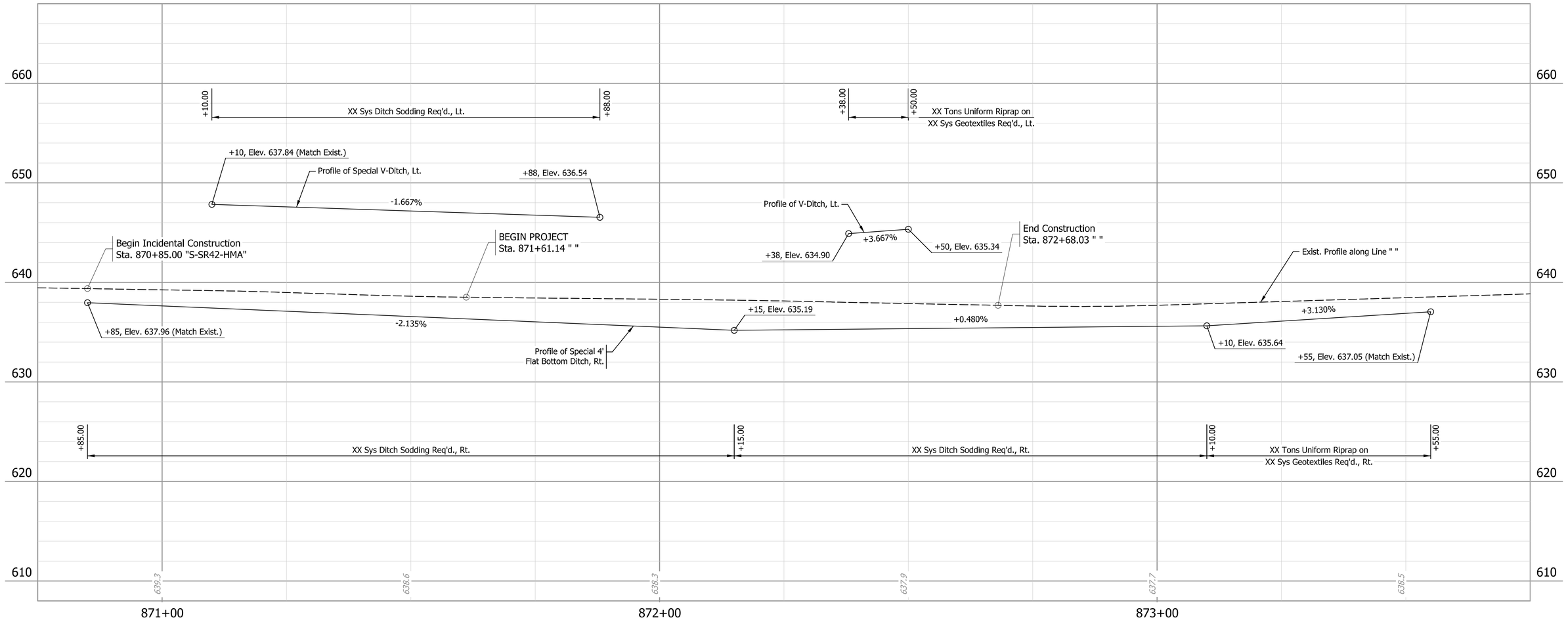
PLAN SHEET
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	24	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:52 PM

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Model: ConstrDetail_Curve_02



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184
SURVEY BOOK	
ELECTRONIC	25 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot:3/14/2025 2:17:54 PM

File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_87224.dgn
Model:Plan- - Profile 1 [Sheet]

Scott Schlenker, David Schlenker, Aaron Schlenker,
Kevin Schlenker, Christopher Schlenker, & Steve Schlenker

Beth Ann Ahlemeyer Tevlin

SECTION 33, T-12-N, R-5-W
JACKSON TOWNSHIP
CLAY COUNTY

P.I. Sta. = 960+42.36 "S-SR42-HMA"
Delta = 44°07'23" LT
R = 245.00'
T = 99.29'
L = 188.67'
E = 19.36'
SE = 14.71%

¼ Section Line & App. P/L

961+00

+31.74
60.00'

959+00

960+00

P.C. = 959+43.07 "S-SR42-HMA"

Begin Incidental Construction
Sta. 959+43.07 " "

+43.07
40.00'

+10.00
40.00'

Flowline of Proposed Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

MATCHLINE - SEE NEXT SHEET

P.T. = 961+31.74 "S-SR42-HMA"

+55.00
25.00'

R/W

Begin Incidental Construction
Sta. 958+65.00 " "

Constr. Limits

+55.00
Exist. EOP
(10.99')

S.R. 42

S76°56'56"E

+55.00
Exist. EOP
(9.54')

+55.00
30.00'

P.T. = 958+65.21 "S-SR42-HMA"

+43.07
35.00'

35' R/W

+70.00
35.00'

1'
11.02'
10.25'
1'
+90
2'
10.51'
8.5'
10.52'
8.5'
2'
3'
1'
12'
10'
12'
9'
3'
1'

Line "S-SR42-HMA"

Sawcut

Sawcut

Sawcut

Constr. Limits

Constr. Limits

Constr. Limits

Flowline of Proposed Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

960+07.75, 16.4, Sign
960+10.84, 29.5, TBM 65 PRE FLUSH
960+11.34, 16.5, Sign

960+34.11, 15.4, Rebar

P.I. = 960+42.36 "S-SR42-HMA"

¼ Section Line & App. P/L

TBM #65 PRE FLUSH
ELEV.= 597.426'

SECTION 33, T-12-N, R-5-W
JACKSON TOWNSHIP
CLAY COUNTY

Scott Schlenker, David Schlenker, Aaron Schlenker,
Kevin Schlenker, Christopher Schlenker, & Steve Schlenker

Beth Ann Ahlemeyer Tevlin

NOTES

All R/W referenced from Line "S-SR42-HMA",
unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

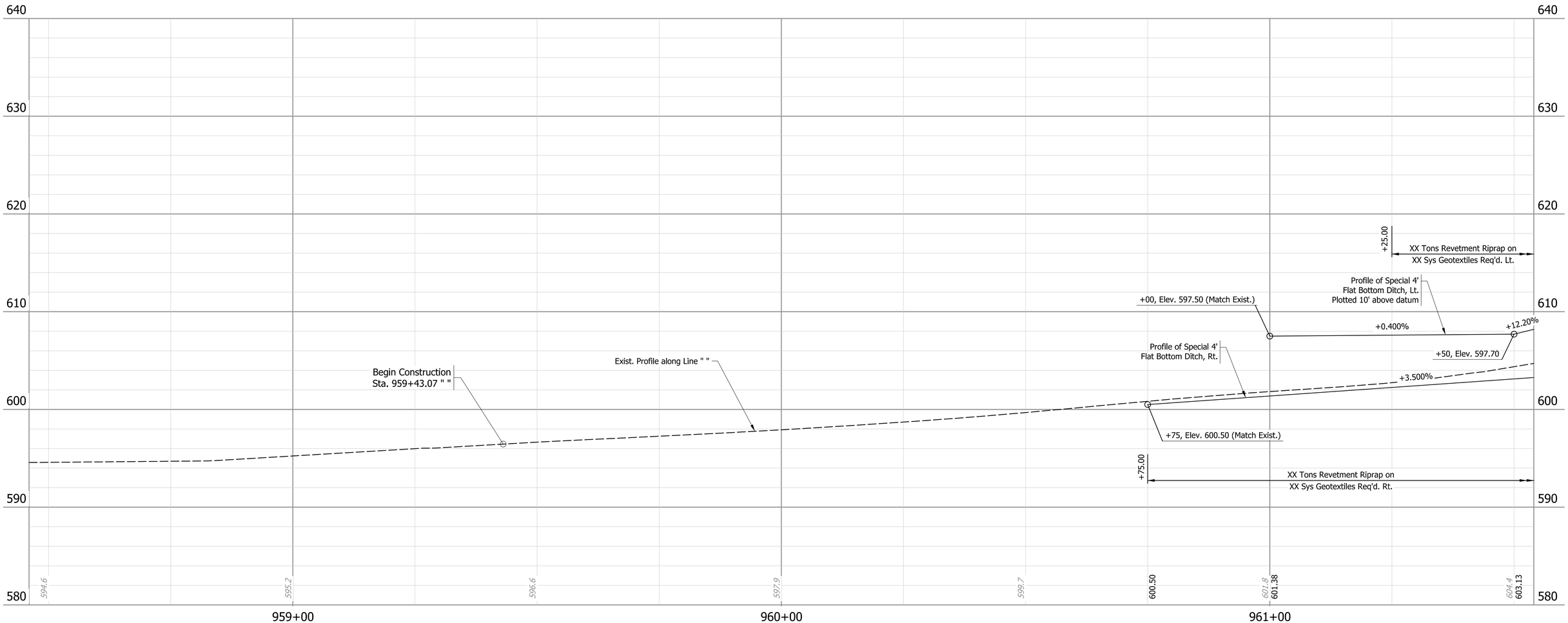
PLAN SHEET
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	26	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:17:59 PM

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Model: ConstrDetail_Curve_03



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	27	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:17:59 PM

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Model:Plan- - Profile 1 [Sheet]

Beth Ann Ahlemeyer Tevlin

962+62.23, -14.7, Sign

963+87.72, -21.8, PWP

962+00

963+00

964+00

SECTION 28, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

+86.19
60.00'

+00.00
50.00'

+54.29
50.00'

Section Line & App. P/L

Constr. Limits

Flowline of Proposed Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

P.I. = 962+72.11 "S-SR42-HMA"

End Construction
Sta. 963+54.29 "S-SR42-HMA"

End Incidental Construction
Sta. 964+10.00 " "

+45.00
35.00'

+45.00
Exist. EOP
(9.36')

+45.00
Exist. EOP
(9.43')

+45.00
55.00'

+10.00
60.00'

Sawcut

Line "S-SR42-HMA"

S.R. 42
N58°55'41"E

MATCHLINE - SEE PREVIOUS SHEET

P.C. = 961+86.19 "S-SR42-HMA"

PCC = 963+54.29 "S-SR42-HMA"

PI = 964+49.53 "S-SR42-HMA"
Delta = 02°20'33.15" RT
R = 4658.00'
T = 95.23'
L = 190.44'
E = 0.97'
SE = 8.98%

Constr. Limits

SECTION 33, T-12-N, R-5-W
CASS TOWNSHIP
CLAY COUNTY

PI = 962+72.11 "S-SR42-HMA"
Delta = 29°11'11.91" RT
R = 330.00'
T = 85.92'
L = 168.10'
E = 11.00'
SE = 11.49%

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA
CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW3 (PI 960+42 AND PI 962+72)

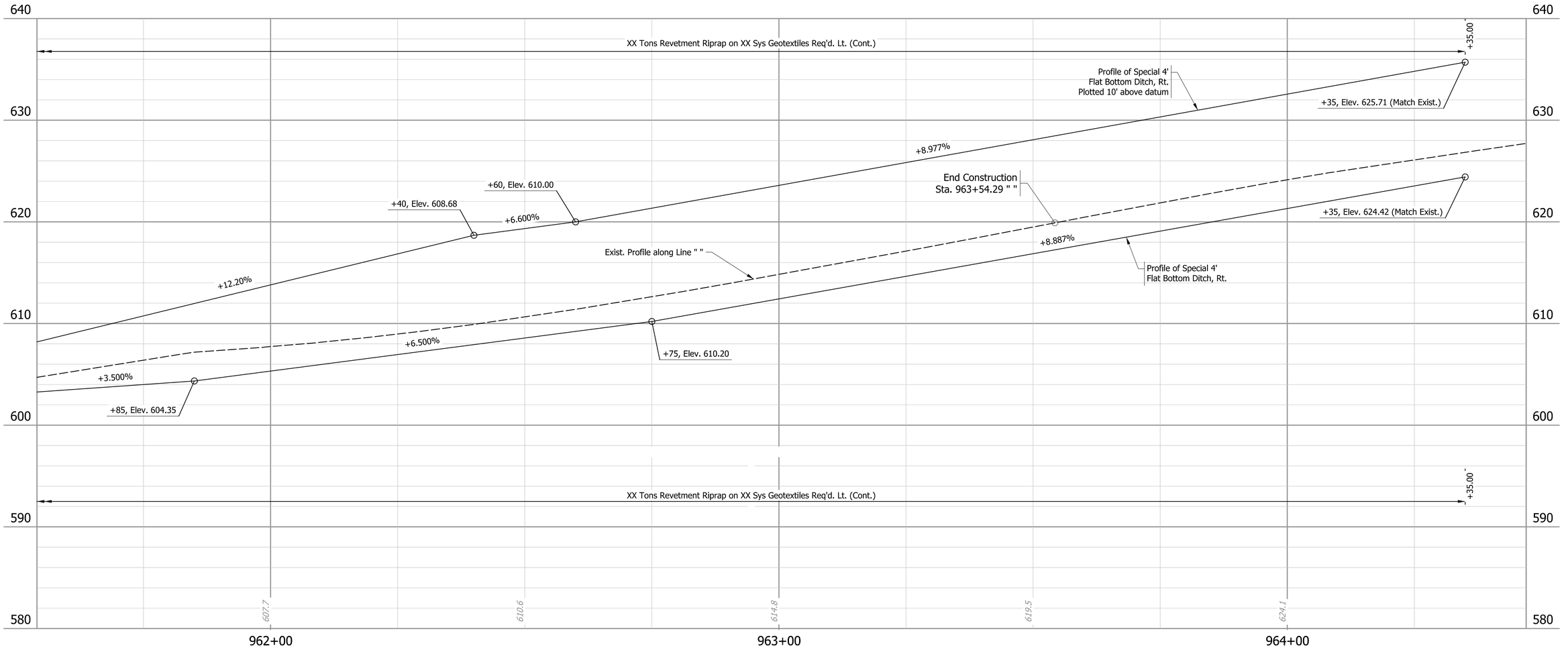
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1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	28	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:00 PM

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Model: ConstrDetail_Curve_03a

Beth Ann Ahlemeyer Tevlin



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	29	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:01 PM

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Model: Plan- - Profile 2 [Sheet]

Jeffrey Alan Rich & Jennifer Sue Tait

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

1120+97.63, - 21.1 Sign

1121+16.44, - 20.4 Sign

1121+00

1120+00

1122+00

45' R/W

P.I. = 1121+04.98 "S-SR42-HMA"

+P.C.
(+97.74)
45.00'

Constr. Limits

+P.T.
(+93.83)
45.00'

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

R/W

Begin Construction
Sta. 1119+97.74 "S-SR42-HMA"

Sawcut

Line "S-SR42-HMA"

3'
12'
9.25'
10'
12'
3'

1'
1.5'
8.5'
10.65'
8.5'
10.7'
3'
1'

+50

10.29'
10.77'
10.45'

N52°20'05"E

S70°02'59"E

+15.00
25.00'

+15.00
Exist. EOP
(10.16')

+15.00
Exist. EOP
(10.80')

+15.00
40.00'

S.R. 42

Constr. Limits

P.C. = 1119+97.74 "S-SR42-HMA"

+P.C.
(+97.74)
50.00'

PI = 1121+04.98 "S-SR42-HMA"
Delta = 57°36'56.08" RT
R = 195.00'
T = 107.24'
L = 196.09'
E = 27.54'
SE = 10.87%

50' R/W

P.T. = 1121+93.83 "S-SR42-HMA"

+P.T.
(+93.83)
50.00'

MATCHLINE - SEE NEXT SHEET

Juanita M. Price

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

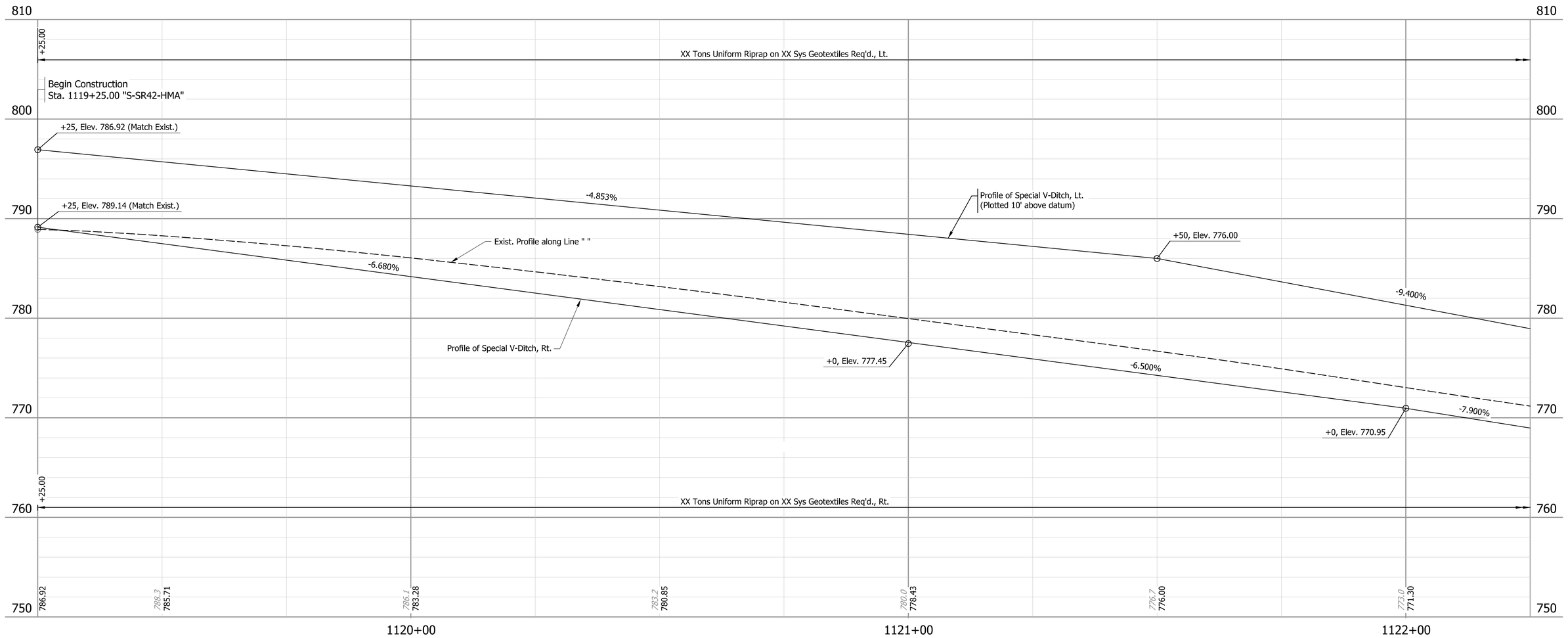
PLAN SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	30	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:05 PM

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Model: ConstrDetail_Curve_04



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	31	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:06 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_112105-112668.dgn
Model: Plan- - Profile 1 [Sheet]

Jeffrey Alan Rich & Jennifer Sue Tait

Larry C. Stanfield & Tracy L. Stanfield

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

Bruce A. Justus & Rhonda G. Justus

App. P/L

1123+00

1124+00

1125+00

1124+12.45, -21.0, Rebar

+35, Class II Drive Req'd.
W=15'
Str. 30-B
43' of 15" Type 3 Pipe w/
2 Pipe End Section Req'd.

1124+58.53, -26.8, Tree 10"

1124+62.74, -29.1, Tree 10"

1124+87.45, -37.2, Tree 12"

1125+19.91, -32.8, Tree 12"

1125+30.84, -34.1, Tree 12"

1125+42.28, -34.7, Tree 12"

+P.C.
(+38.79)
45.00'

45' R/W

45' R/W

Constr. Limits

Flowline of Special V-Ditch
3:1 Fore Slope
and 3:1 Back Slope

P.C. = 1125+38.79 "S-SR42-HMA"

MATCHLINE - SEE PREVIOUS SHEET

MATCHLINE - SEE NEXT SHEET

3'

12'

12'

3.24'

S70°02'59"E

Line "S-SR42-HMA"

Sawcut

Sawcut

+25

10'

9.5'

MB

MB

+08, Mailbox Req'd.

+05, Mailbox Req'd.

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

Inv. 12" Iron Pipe = 757.34'

Inv. 12" CPP = 752.84'

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

Constr. Limits

+10.00
50.00'

R/W

50' R/W

+P.C.
(+38.79)
45.00'

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

Juanita M. Price

App. P/L

+88, Class II Drive Req'd.
W= 25
Str. 30-A
43' of 15" Type 3 Pipe w/
2 Pipe End Section Req'd.

Jane Guthrie

1126+33.40, 19.6, Tree 40"

1125+44.01, 69.5, TBM, #5 SPIKE IN N FACE OF UTILITY POLE 103-10402

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

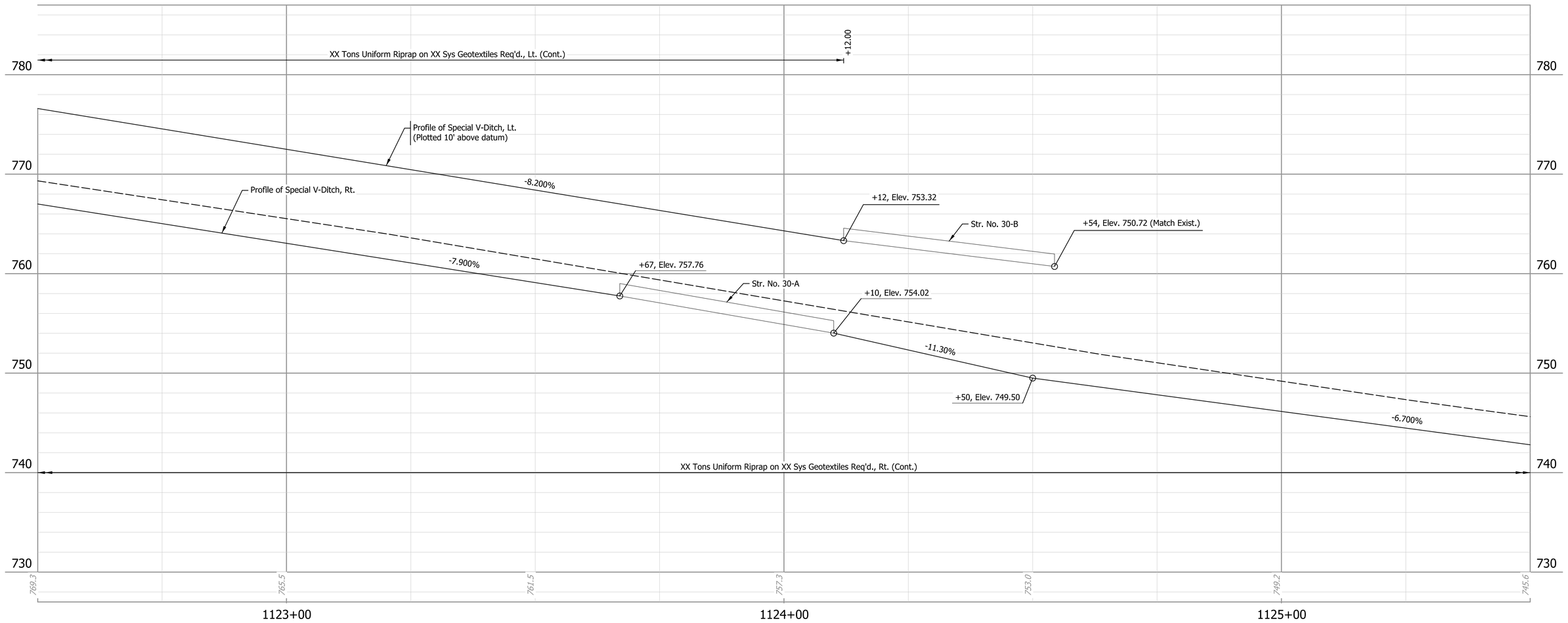
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	32 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:07 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_112105-112668.dgn
Model: ConstrDetail_Curve_04-B



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	33	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:08 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_112105-112668.dgn
Model: Plan- - Profile 2 [Sheet]

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

1126+00

1127+00

1128+00

1129+00

Larry C. Stanfield & Tracy L. Stanfield

Doris A. James

Jane Guthrie

SECTION 25, T-12-N, R-5-W
JACKSON TOWNSHIP
OWEN COUNTY

45' R/W

R/W

Constr. Limits

End Construction
Sta. 1127+82.89 "S-SR42-HMA"

+P.T.
(+82.89)
45.00'

P.T. = 1127+82.89 "S-SR42-HMA"

+75.00
30.00'

+75.00
Exist. EOP
(9.71')

End Incidental Construction
Sta. 1128+65.00 "S-SR42-HMA"

+75.00
Exist. EOP
(12.26')

+75.00
20.00'

TEMP R/W

+75.00
45.00'

Line "S-SR42-HMA"

N62°42'02"E

Sawcut

MATCHLINE - SEE PREVIOUS SHEET

9.5'
12'
10'

+90

J1

O

R1

K1

T

D

45' Temporary R/W for Drive Reconstruction and Grading

24' Mod. Class II Drive.
W= 47'
Str. 30-C
47' of 15" Type 3 Pipe w/
2 Pipe End Section Req'd.
(Modified for material)

+P.T.
(+82.89)
45.00'

XX Lft Guardrail,
Remove

Flowline of Proposed Special V-Ditch
3:1 Fore Slope,
and 3:1 Back Slope

P.I. = 1126+68.26 "S-SR42-HMA"

P.I. Sta. = 1126+68.26 "S-SR42-HMA"
Delta = 47°14'59" LT
R = 296.00'
T = 129.47'
L = 244.10'
E = 27.08'
SE = 10.64%

App. P/L

1125+82.93, 21.5, Tree 48"

1126+46.85, 17.1, Sign

LEFT TURN DATED 2021

1126+52.64, 42.6, Pole-guy or stub

1126+54.94, 26.5, Pole-guy or stub

1126+65.39, 33.8, PWP

1126+68.41, 22.5, Tree 2"

1127+16.74, 42.1, Stump 45FT TALL 15IN

1127+36.84, 42.1, Stump 8FT TALL 18

1127+53.82, 15.4, Sign RIGHT TURN OKTED 2022

1127+84.84, 28.2, Mailbox

1127+89.04, 43.4, DWD Sidewalk dish

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

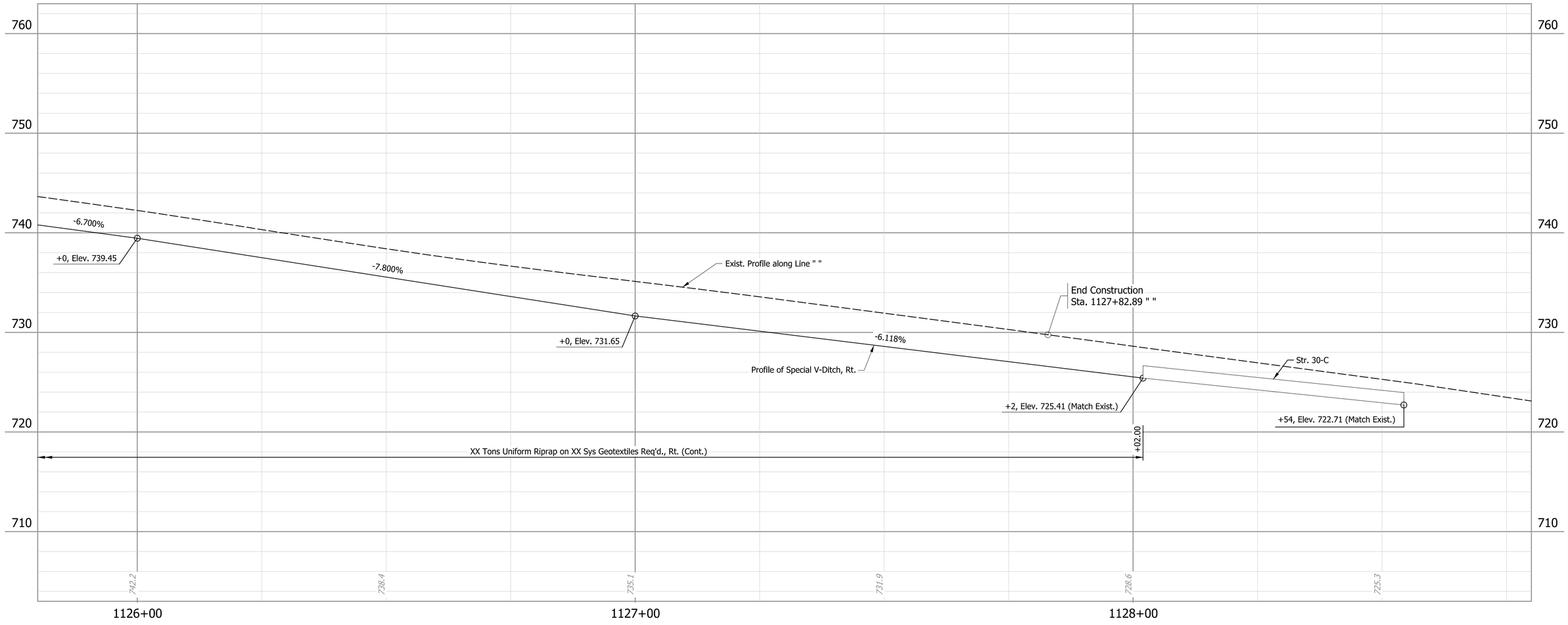
PLAN SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	34	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:08 PM

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Model: ConstrDetail_Curve_04-C



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DSR | DRAWN: DSR

CHECKED: MDP | CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	35	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:09 PM

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Model: Plan- - Profile 3 [Sheet]

SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

Bruce A. Justus & Rhonda G. Justus

Jason E. Collier

1168+00

1167+00

1168+41.99, -30.3, PI/P

¼ Section Line & App. P/L

+P.C.
(+90.01)
45.00'

45' R/W

Flowline of Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

R/W

Begin Construction
P.C. 1167+90.01 "S-SR42-HMA"

Constr.Limits

Begin Incidental Construction
Sta. 1167+15.00 "S-SR42-HMA"

+05.00
25.00'

R/W

+05.00
Exist. EOP
(10.66')

S.R. 42

N32°22'45"E

Line "S-SR42-HMA"

Sawcut

+40

+50

1'

2'

10.8'

8.75'

8'

10.24'

3'

3.25'

4'

10'

J1

O

T

+05.00
Exist. EOP
(10.27')

R/W

PI = 1165+18.43 "S-SR42-HMA"
Delta = 01°50'32.40" RT
R = 13000.00'
T = 209.02'
L = 418.01'
E = 1.68'

+05.00
30.00'

Mailbox Assembly,
Reset, Single

Mailbox Assembly,
Reset, Single

P.T. = 1167+27.42 "S-SR42-HMA"

R/W

+P.C.
(+90.01)
55.00'

55' R/W

XXX Lft. Fence, Remove

Constr.Limits

MATCHLINE - SEE NEXT SHEET

SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

Harvey W. Smith & Anna Jane Smith

1167+20.82, 14.3, Mail box
1167+22.41, 14.5, Mail box 7335

1167+50.85 15.0, Sign 24
MILE MARKER

1167+96.25, 22.4, FO Marker
1167+96.73, 32.6, GASLINE MARKER

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

NOTE TO REVIEWER:
Existing fence within the Proposed R/W limits to be removed and included in quantities. This will be discussed during R/W Purchasing and may be changed with future submittal.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

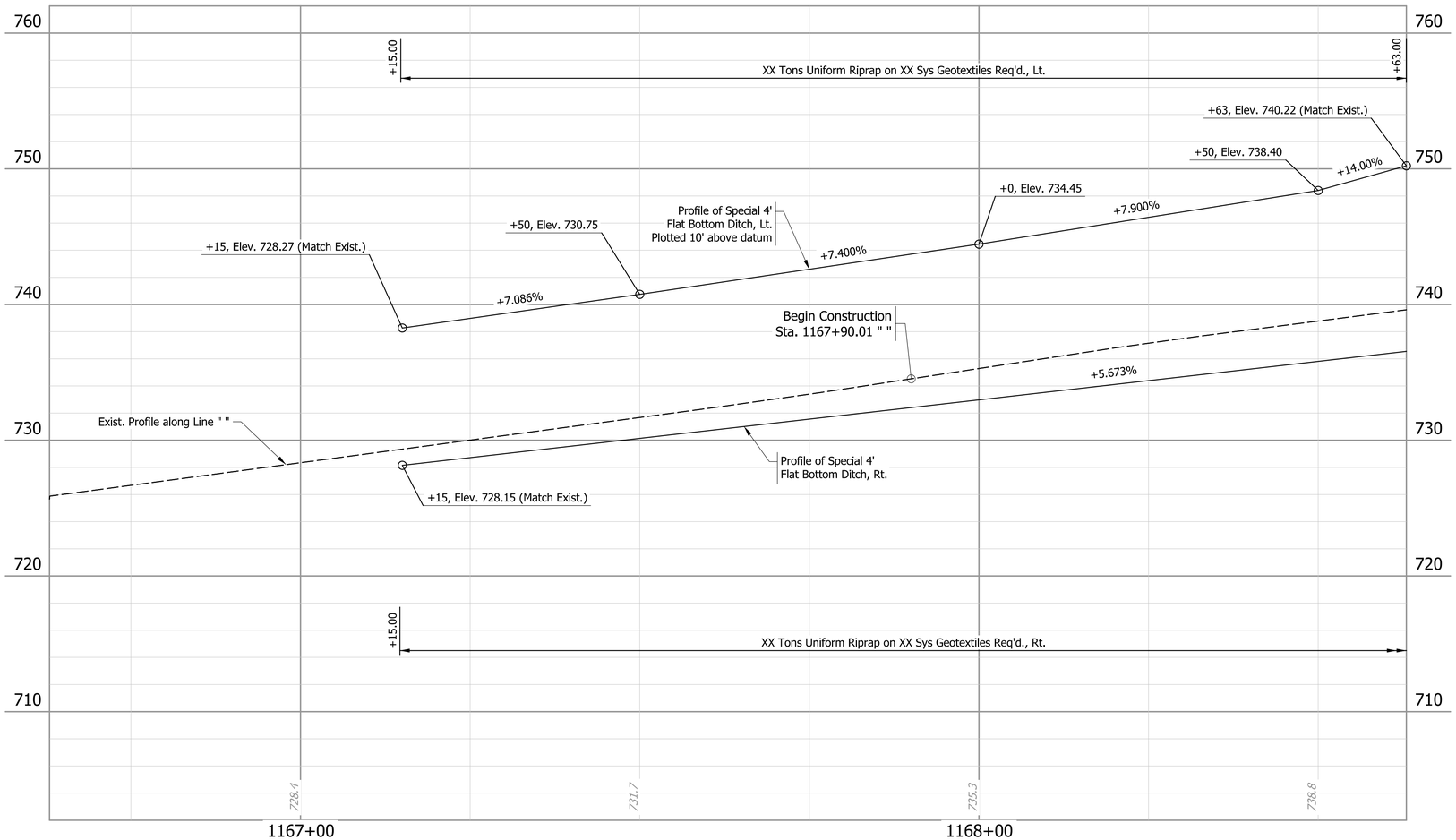
DESIGNED: KCH DRAWN: KCH / HA
CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	36 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:13 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_116900.dgn
Model: ConstrDetail_Curve_06



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184
SURVEY BOOK	
ELECTRONIC	37 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:14 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_116900.dgn
Model: Plan- - Profile 5 [Sheet]

App. P/L

Jason E. Collier

1169+00

+06.83
98.33'

1169+29, -10.8, SCI OK-RED PAINT MARKING ON GROUND

1169+24.97, -32.2, Meter-water

1169+24.36, -35.6, Meter-water

1169+66.64, -19.7, TELE SPLICE BOX PLASTIC

1169+87.74, -17.9, Tree 48"

1170+00

Betty Rose Langdon & Arthur Dean Rubeck

1171+00

SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

1169+76.84, 33.1, Sign LEFT TURN NO DATE

1169+68.84, 23.7, Sign RIGHT TURN 2021 STOCKER

1169+62.23, -27.6, Drainage pipe DIP, ONLY

1169+62.76, -23.6, Drainage pipe 4IN CPP

+71.95
59.07'

+P.T.
(+70.00)
45.00'

+46, Class II Drive Req'd.
W = 17'

+91, Class II Drive Req'd.
W = 13'

P.I. = 1169+00.15 "S-SR42-HMA"

45' R/W

Constr.Limits

End Construction
P.T. 1169+91.36 "S-SR42-HMA"

End Incidental Construction
Sta. 1170+70.00 "S-SR42-HMA"

R/W

+80.00
20.00'

+80.00
Exist. EOP
(9.81')

Constr.Limits

App. P/L

GRAVEL

BLACKTOP

+55

4.25'

12'

7.75'

2.25'

7.75'

Sawcut

¼ Section Line

S89°56'14"E

Line "S-SR42-HMA"

7.75'

9.96'

2'

1'

9.8'

8.25'

10.34'

2'

1'

10'

10'

2'

Sawcut

+80.00
Exist. EOP
(9.93')

+45

R/W

Flowline of Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch
and 3:1 Back Slope

Constr.Limits

+80.00
35.00'

R/W

SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

MATCHLINE SEE PREVIOUS SHEET

XXX Lft. Fence, Remove

+P.T.
(+91.36)
55.00'

55' R/W

1169+28.39, 20.0, WATERLINE MARKER

1169+69.86, 51.0, GAS LINE MARKER

1169+75.06, 28.7, PWP

1169+75.93, 24.9, Post, WOOD 6X6IN

Tonnie Rubeck, Debbie Rubeck, & Ronnie Rubeck

Harvey W. Smith &
Anna Jane Smith

App. P/L

PI = 1169+00.15 "S-SR42-HMA"
Delta = 57°41'01.62" RT
R = 200.00'
T = 110.14'
L = 201.35'
E = 28.32'
SE = 11.63%

NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH | DRAWN: KCH / HA

CHECKED: MAH | CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

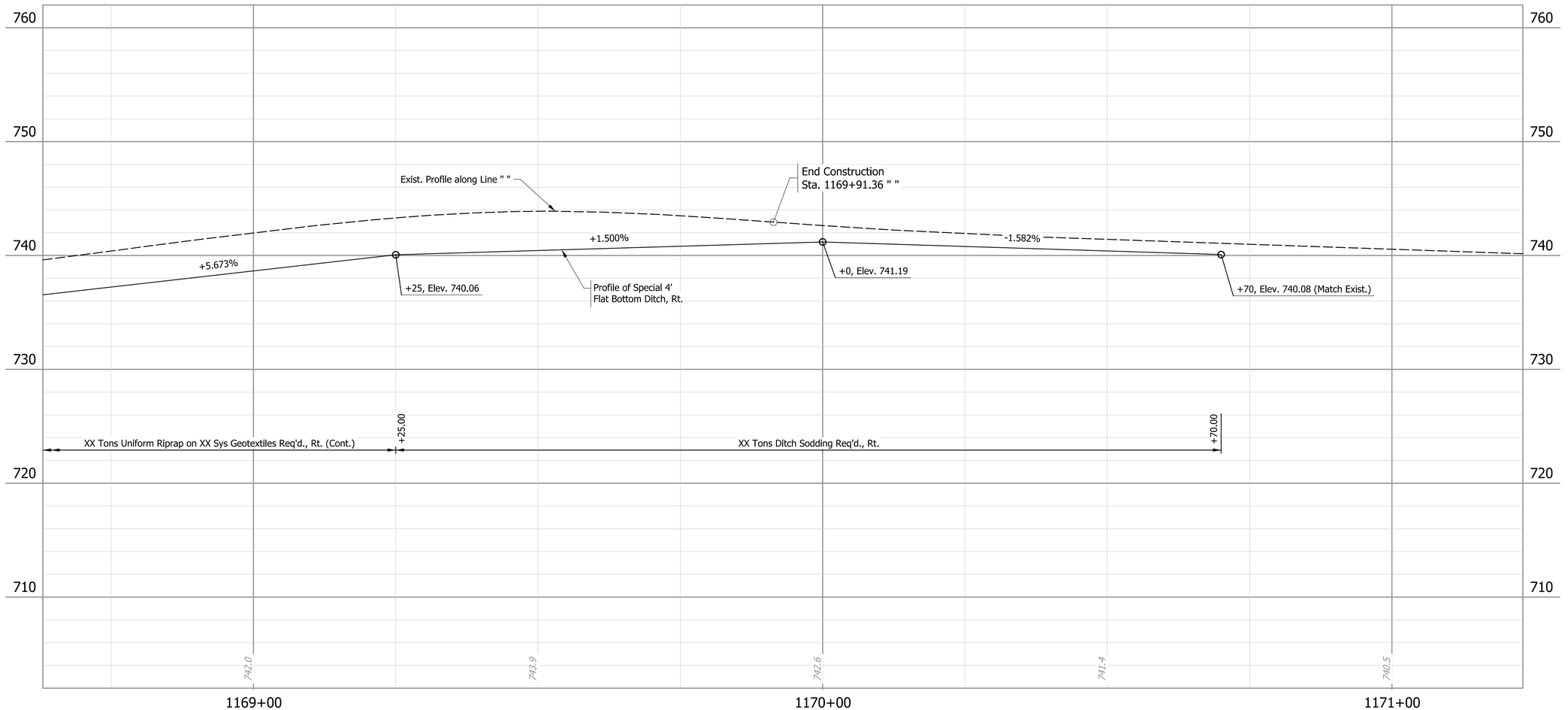
PLAN SHEET
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	38	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:18:15 PM

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Model:ConstrDetail_Curve_06b



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	39	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:16 PM

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Model: Plan- - Profile 6 [Sheet]

SECTION 30, T-12-N, R-4-W
JACKSON TOWNSHIP
OWEN COUNTY

PI = 1190+36.12 "S-SR42-HMA"
Delta = 61°28'21.61" RT
R = 150.00'
T = 89.19'
L = 160.94'
E = 24.51'
SE = 11.92%

Shop Curved MGS guardrail
(See Guardrail Table for Details)

Philip J. & Kathleen
A. Woolvin

Core Jean Rutenberg

Christy A. Marshall

Tonnie Wayne Rubeck
& Brittany Jo Rubeck

+65, Str. No. 11
(CLV-86932)
18"Ø Type 1 Pipe w/
2 Pipe End Sections Req'd

Inv. 15" CMP = 766.66'

Inv. 15" CMP = 769.14'

Begin Construction
P.C. 1189+46.93 "S-SR42-HMA"

End Construction
P.T. 1191+07.86 "S-SR42-HMA"

Begin Incidental Construction
Sta. 1188+70.00 "S-SR42-HMA"

End Incidental Construction
Sta. 1191+85.00 "S-SR42-HMA"

PC = 1192+06.13 "S-SR42-HMA"

Flowline of Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch,
and 3:1 Back Slope

Flowline of Special Flat Bottom Ditch
4:1 Fore Slope, 4' Bottom Ditch,
and 3:1 Back Slope

S.R. 42

Line "S-SR42-HMA"

S88°42'45"E

S27°14'23"E

1189+00

1190+00

1191+00

1192+00

+70.00
80.00'

+30.00
70.00'

+05.00
40.00'

+60.00
20.00'

+60.00
Exist. EOP
(11.64')

+60.00
Exist. EOP
(10.63')

+60.00
20.00'

+90.00
40.00'

+50.00
35.00'

+70.00
25.00'

+60.00
25.00'

+95.00
20.00'

+95.00
Exist. EOP
(12.13')

+95.00
Exist. EOP
(12.38')

+95.00
45.00'

+50.00
40.00'

+95.00
25.00'

+P.T.
(+07.86)
25.00'

R/W

Constr. Limits

25' R/W

App. P/L

Dir. ONW

UG Gas Pipeline Marker

1190+20.52, -25.6, Sign
LEFT TURN 2021
STICKER UNREADABLE

1190+33.09, -22.3, Sign RIGHT TURN 2021

1190+33.84, -20.1, Tree 40"

1190+57.52, -38.1,
Tree 13"

1190+71.66, -28.6, 10IN ROUND
2FT TALL WOODEN POST

1190+77.41, -28.9, 10IN ROUND 2FT TALL WOODEN POST

1190+82.73, -29.0, 10IN ROUND 2FT TALL WOODEN POST

1190+88.08, -29.4, 10IN ROUND 2FT TALL WOODEN POST

1190+93.97, -29.1, 10IN ROUND 2FT TALL WOODEN POST

1190+99.33, -29.4, 10IN ROUND 2FT TALL WOODEN POST

1191+04.39, -28.8, 10IN ROUND 2FT TALL WOODEN POST

1191+09.86, -29.2, 10IN ROUND 2FT TALL WOODEN POST

1191+16.36, -29.3, 10IN ROUND 2FT TALL WOODEN POST

1191+28.91, -26.6, 10IN ROUND
2FT TALL WOODEN POST

1191+39.84, -19.8, Tree 48"

1191+65.71, -22.6, Tree 16"

1191+75.80, -34.9, Meter-water

1191+53.32, 16.6, Mail box 6745

1189+58.31, 15.2, Drainage Pipe 12"CMP

1190+47.51, 18.6, FO Marker

1190+48.41, 18.0, GASLINE MARKER

1188+30.53, 22.2, PWP

1188+41.74, 19.8, Power pole or stub

1188+43.36, 20.1, Power pole or stub

1188+44.73, 19.8, Power pole or stub

1188+47.60, 20.1, Power pole or stub

1188+49.16, 22.8, Power pole or stub

1188+49.48, 22.4, Power pole or stub

1188+49.59, 20.3, Drainage pipe

1188+49.80, 20.3, Point near top string

1188+49.91, 22.4, Point near top string

1188+50.05, 20.3, Point near top string

1188+50.29, 22.4, Point near top string

T1CLL1CENT, -18.1

NOTES

All R/W referenced from Line "S-SR42-HMA",
unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay for Mainline (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

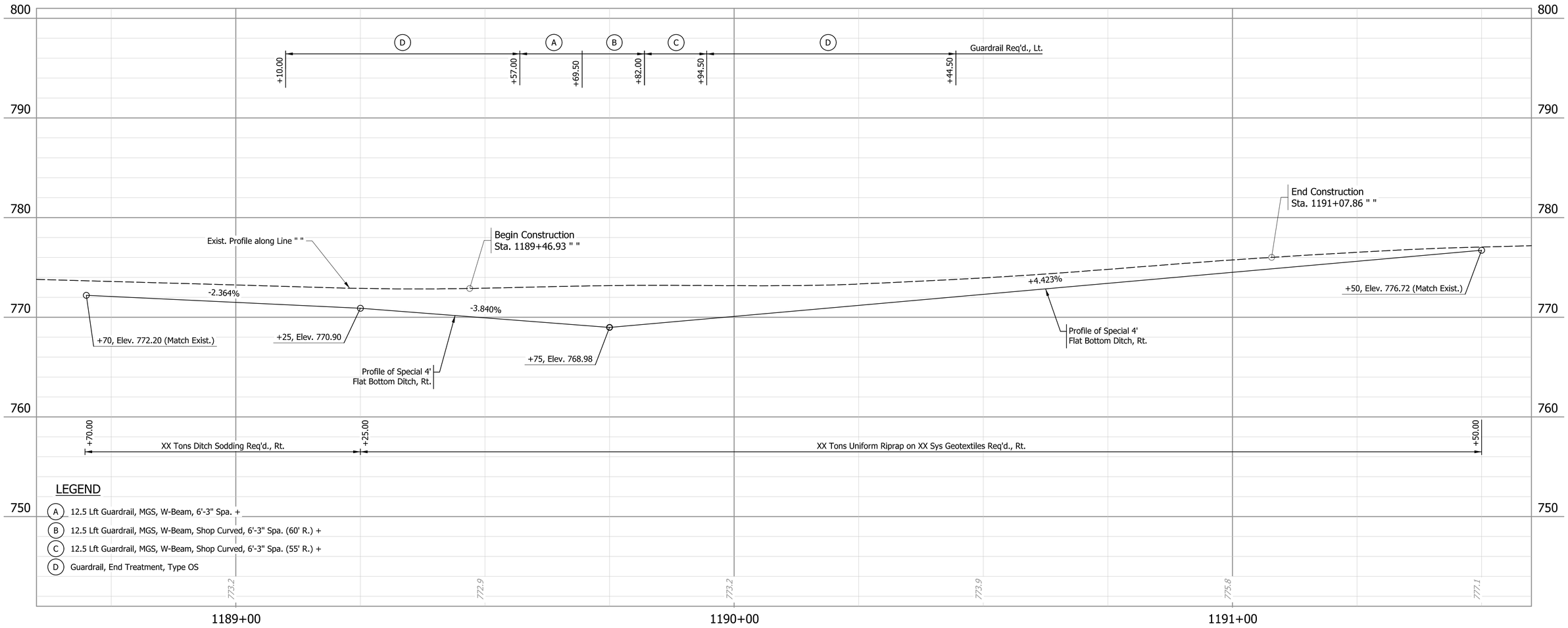
PLAN SHEET
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	40	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:20 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_119036.dgn
Model: ConstrDetail_Curve_07



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

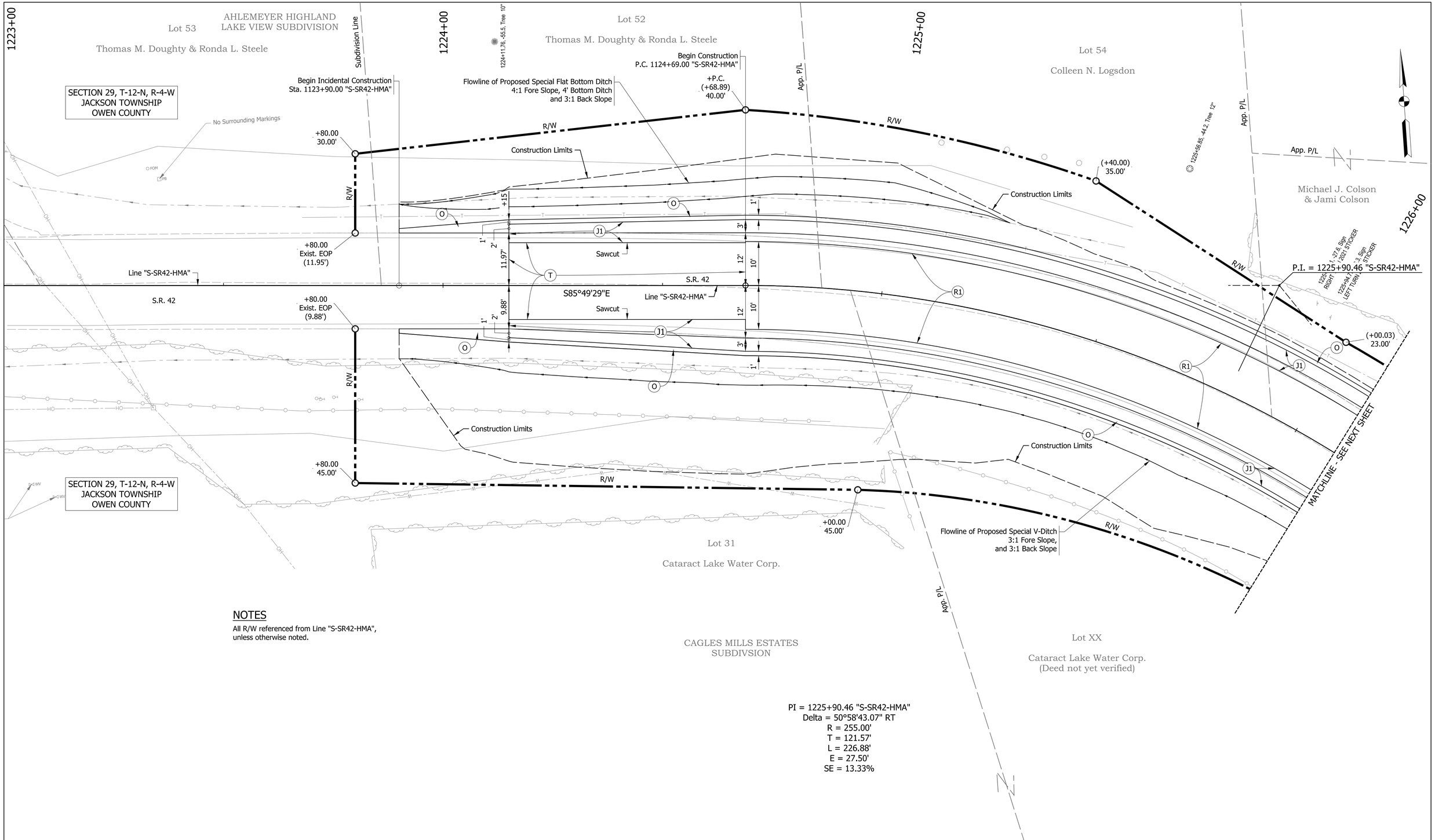
PROFILE SHEET
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	41	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:21 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_119036.dgn
Model: Plan--1 - Profile 1 [Sheet]



NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

PI = 1225+90.46 "S-SR42-HMA"
Delta = 50°58'43.07" RT
R = 255.00'
T = 121.57'
L = 226.88'
E = 27.50'
SE = 13.33%

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

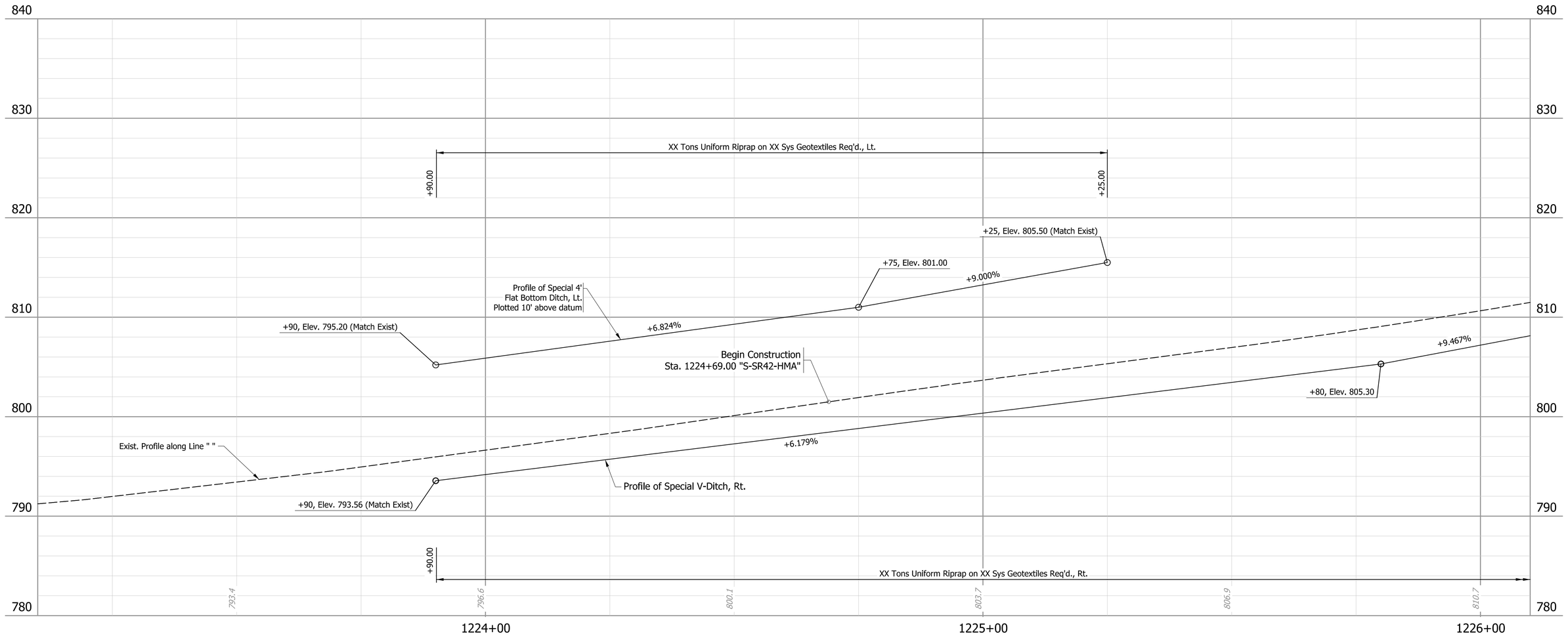
CHECKED: MAH CHECKED: MAH

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	42 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:24 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_122590.dgn
Model: ConstrDetail_Curve_08



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

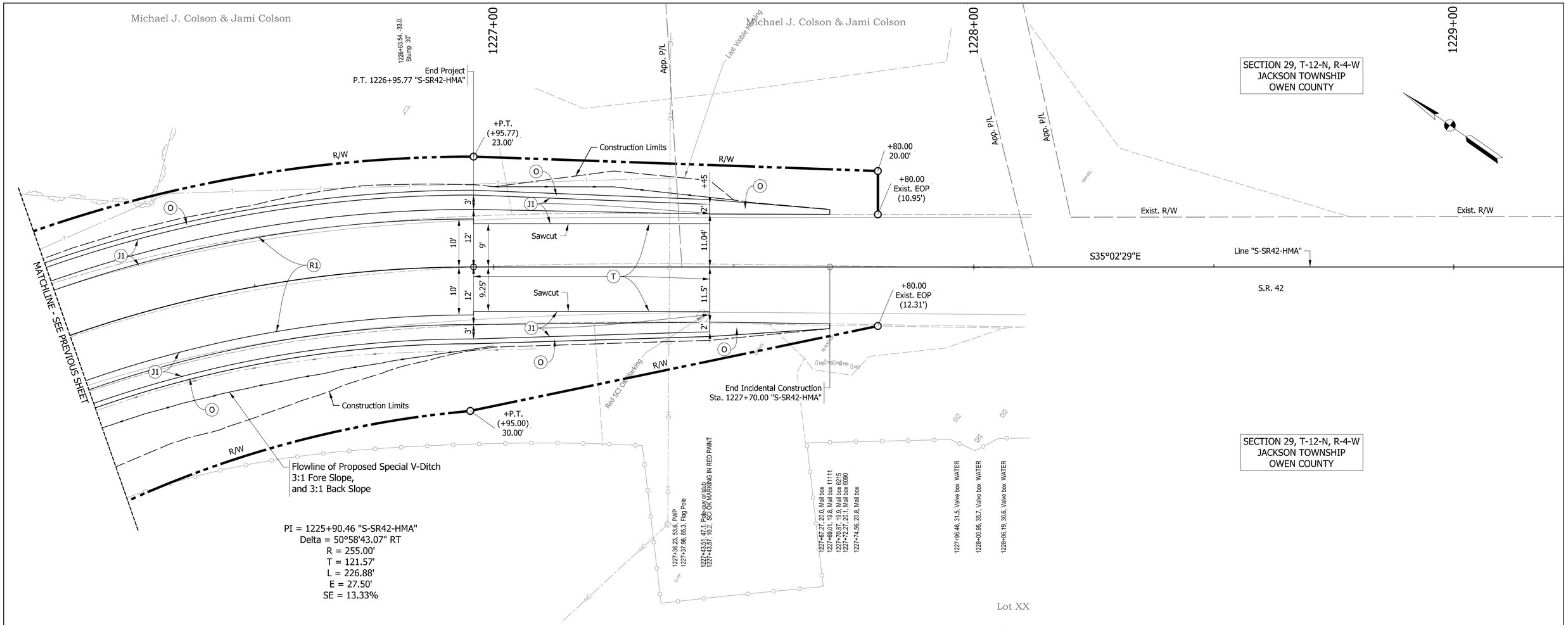
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	43	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:18:26 PM
File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_122590.dgn
Model:Plan- - Profile 4 [Sheet]



NOTES

All R/W referenced from Line "S-SR42-HMA", unless otherwise noted.

LEGEND

- (J1) Full-Depth HMA Pavement for Shoulder Widening (See Typical Sections)
- (K1) Full-Depth HMA Pavement for Lane Widening (See Typical Sections)
- (O) Compacted Aggregate, No. 53 (See Typical Sections)
- (R1) HMA Milling and Overlay (See Typical Sections)
- (R2) HMA Milling and Overlay for Approaches (See Typical Sections)
- (D) Compacted Aggregate, No. 53 (for drives) (depth = 10" max.)
- (T) Transition, Milling

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH / HA

CHECKED: MAH CHECKED: MAH

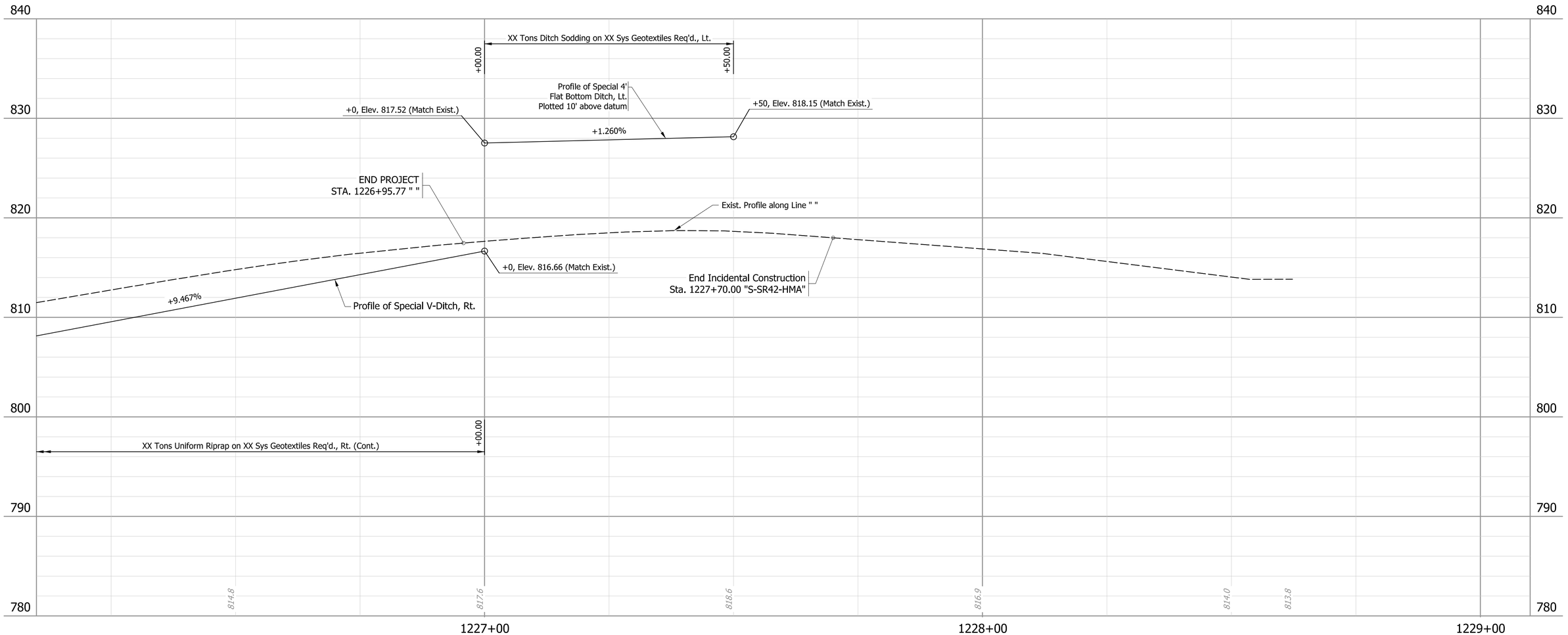
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	44 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:26 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_122590.dgn
Model: ConstrDetail_Curve_08a



STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MDP CHECKED: KCH

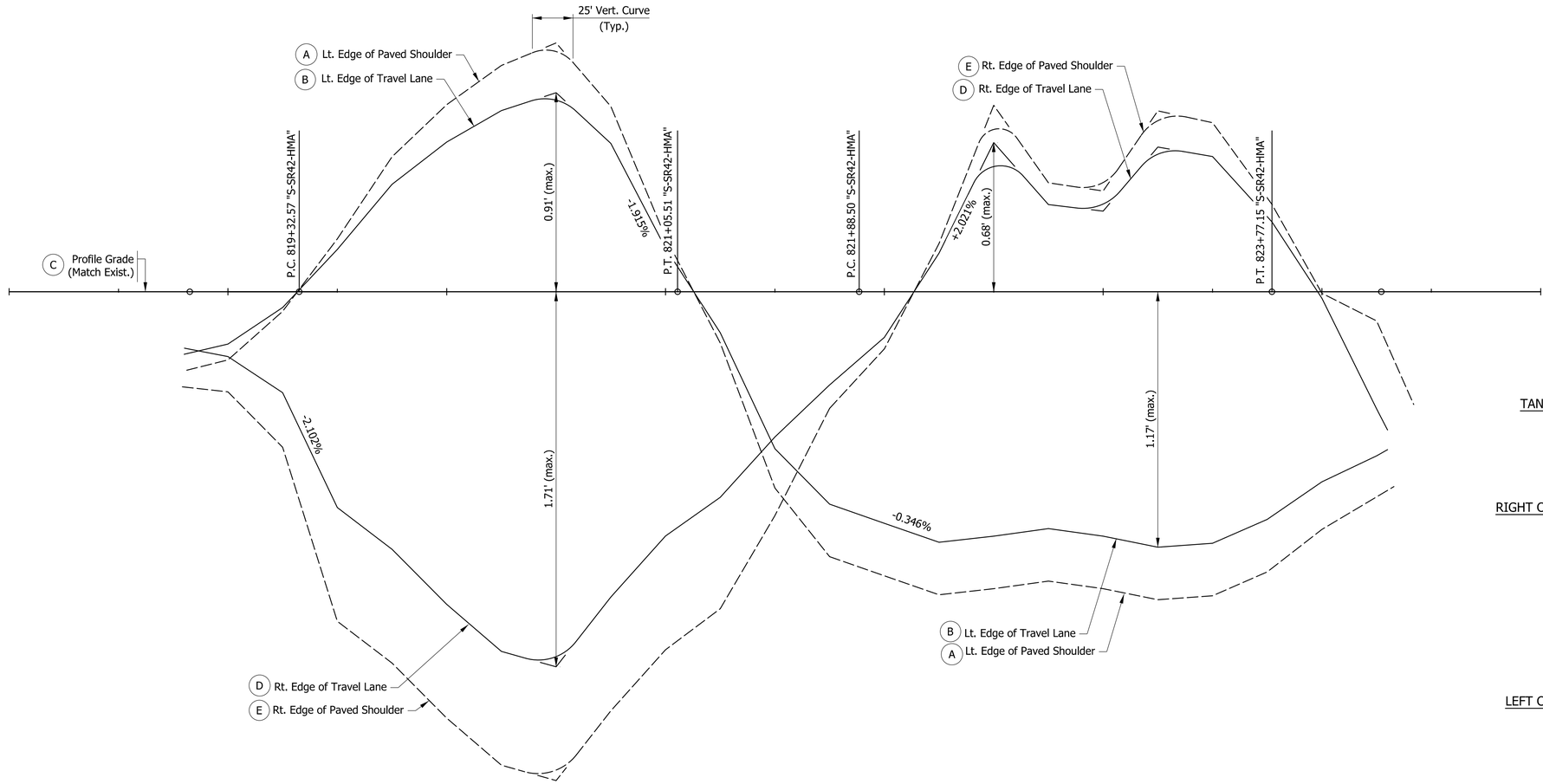
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	45	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:18:27 PM
File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_CurveDet_122590.dgn
Model:Plan- - Profile 5 [Sheet]

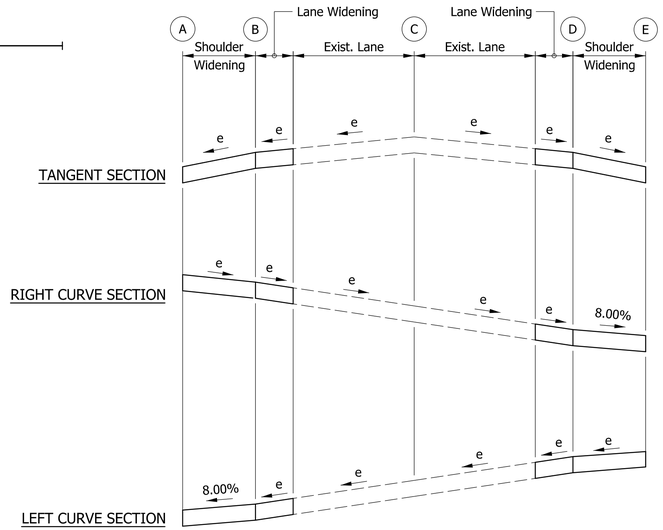


PI = 820+42.72 "S-SR42-HMA"
Delta = 90°04'47.63" RT
D = 52°05'13.46"
R = 110.00'
T = 110.15'
L = 172.94'
E = 45.67'

Lt. Lane e (max.) = 7.58% Rt. Lane e (max.) = 14.25%
Lt. Lane G (max.) = -1.915% Rt. Lane G (max.) = -2.105%
Lt. Shoulder e (max.) = 7.58% Rt. Shoulder e (max.) = 8.00%

P.I. Sta. = 823+07.55 "S-SR42-HMA"
Delta = 88°35'51" LT
D = 46°57'49.51"
R = 122.00'
T = 119.05'
L = 188.65'
E = 48.46'

Lt. Lane e (max.) = 9.73% Rt. Lane e (max.) = 5.68%
Lt. Lane G (max.) = -0.346% Rt. Lane G (max.) = +2.021%
Lt. Shoulder e (max.) = 8.00% Rt. Shoulder e (max.) = 5.68%



NOTES

1. The existing cross slope was sampled at 25' increments. See the Cross Sections for additional cross slope information.
2. The contractor shall provide smooth transitions to replicate the existing cross slope transitions within the travel lanes.

NOTE TO REVIEWER

The Superelevation Diagram depicts the travel lane being widened matching the existing cross slopes of the existing lane. Per INDOT District design, the Intent of this project is to widen the pavement within the curves and not to rebuild the existing lanes.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

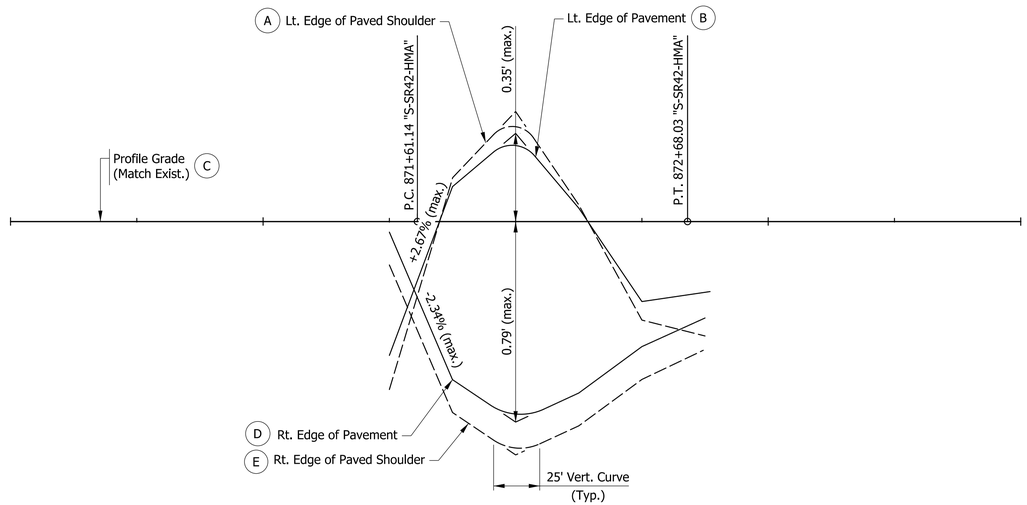
INDIANA
DEPARTMENT OF TRANSPORTATION

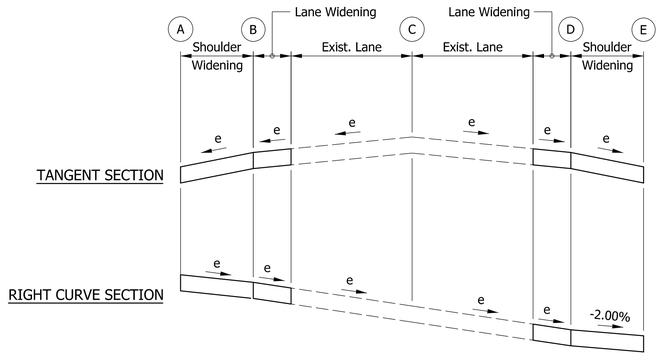
SUPERELEVATION TRANSITION DIAGRAM
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
3" = 1'-0"	2200184

SURVEY BOOK			
ELECTRONIC	46	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:30 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_SE_Curve 82043-82308.dgn
Model: SE Sheet





PI = 872+23.98 "S-SR42-HMA"
Delta = 75°36'27.22" RT
D = 70°44'07.91"
R = 81.00'
T = 62.84'
L = 106.89'
E = 21.52'

Lt. Lane e (max.) = +2.89%	Rt. Lane e (max.) = -6.66%
Lt. Lane G (max.) = +2.67%	Rt. Lane G (max.) = -2.34%
Lt. Shoulder e (max.) = +2.89%	Rt. Shoulder e (max.) = -2.00%

NOTES

1. The existing cross slope was sampled at 25' increments. See the Cross Sections for additional cross slope information.
2. The contractor shall provide smooth transitions to replicate the existing cross slope transitions within the travel lanes.

NOTE TO REVIEWER

The Superelevation Diagram depicts the travel lane being widened matching the existing cross slopes of the existing lane. Per INDOT District design, the intent of this project is to widen the pavement within the curves and not to rebuild the existing lanes.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

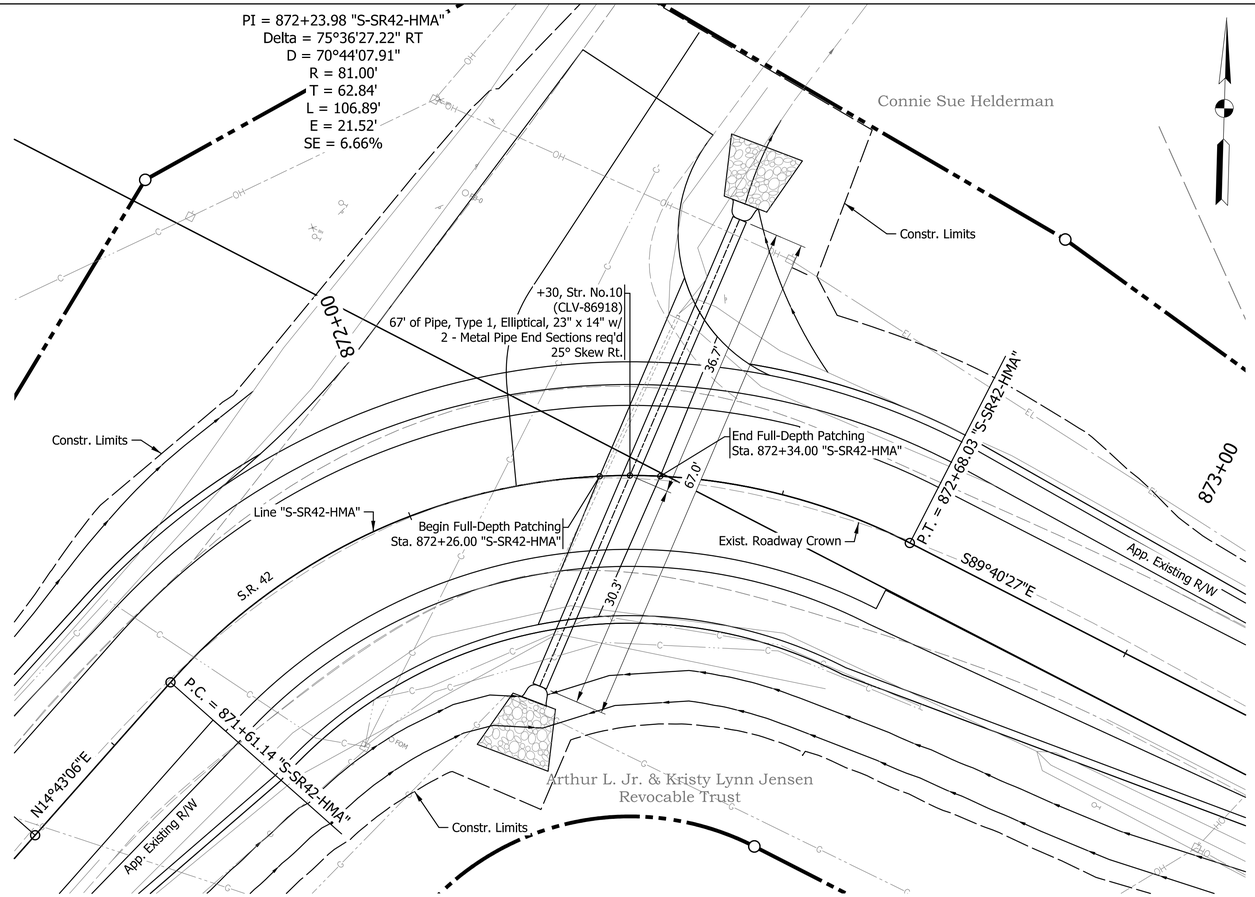
CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

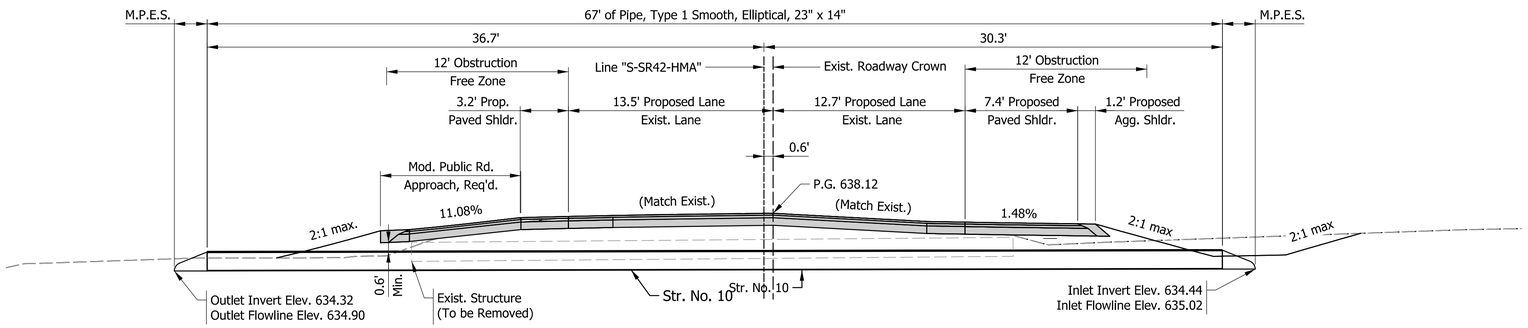
SUPERELEVATION TRANSITION DIAGRAM
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
3" = 1'-0"	2200184
SURVEY BOOK	
ELECTRONIC	47 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:33 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_SE_Curve 87224.dgn
Model: SE Sheet



PLAN
Scale: 1" = 10'



SECTION ALONG STRUCTURE AND DITCH CENTERLINE
Scale: 1" = 5'

HYDRAULIC DATA

Drainage Area	1.37 acres
Design Discharge (Q50)	1.55 cfs
Design Discharge (Q100)	1.69 cfs
Proposed Backwater (Q100)	0.85 ft
Proposed Avg. Velocity (Q50)	3.04 ft/sec
Proposed Headwater Elev. (Q100)	635.93 ft
Proposed Headwater Elev. (Q50)	635.84 ft
Proposed Outlet Flowline Elev.	634.90 ft
Proposed Minimum Low Str. Elev.	635.49 ft
Proposed Roadway Serviceability Elev.	636.64 ft
Proposed Sump	7 in

NOTES

Contractor shall verify the existing flowline elevation to set the appropriate sump depth.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RA DRAWN: KCH/RA

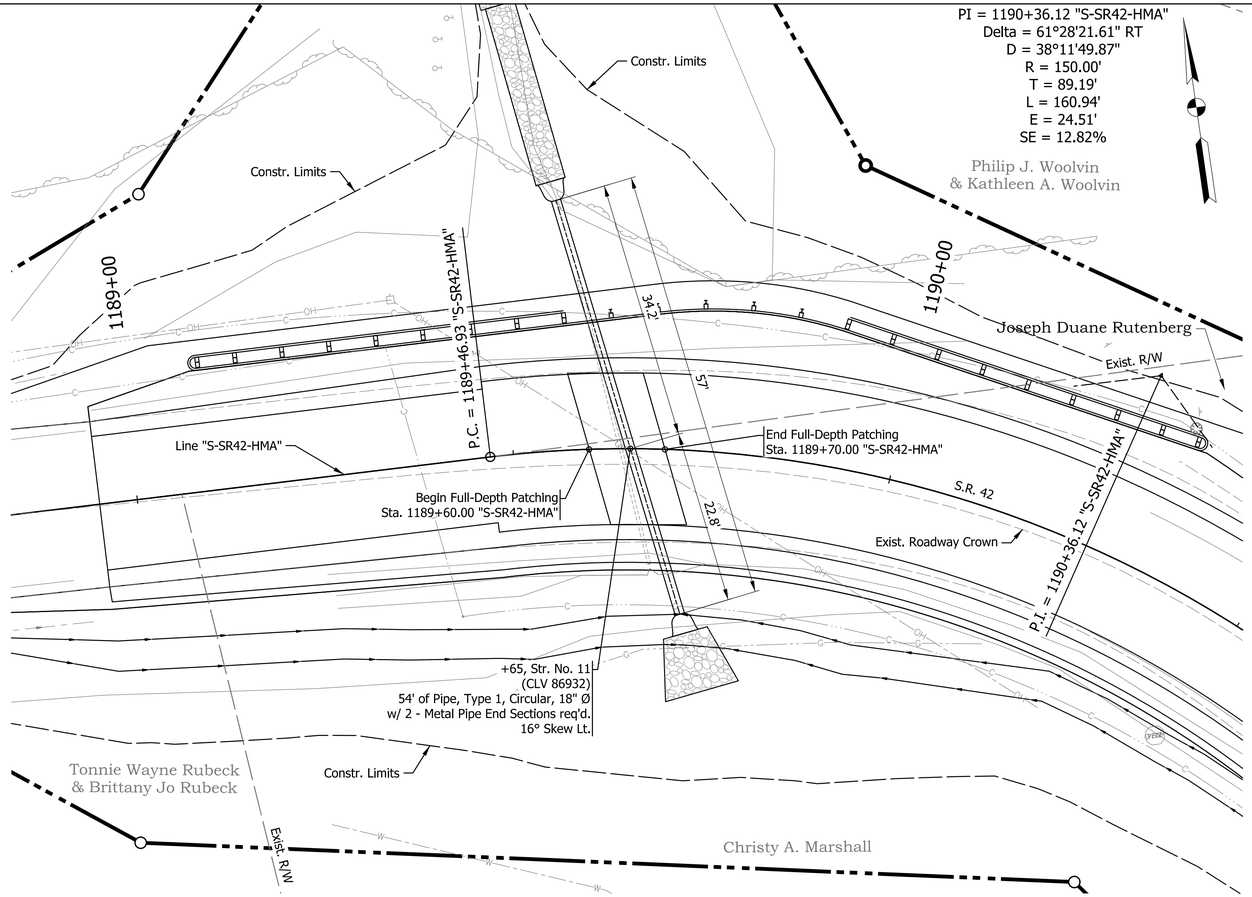
CHECKED: SRM CHECKED: MDP

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
CURVE SW2 (PI 872+24) STR. NO. 10
(STR. CLV-86918)

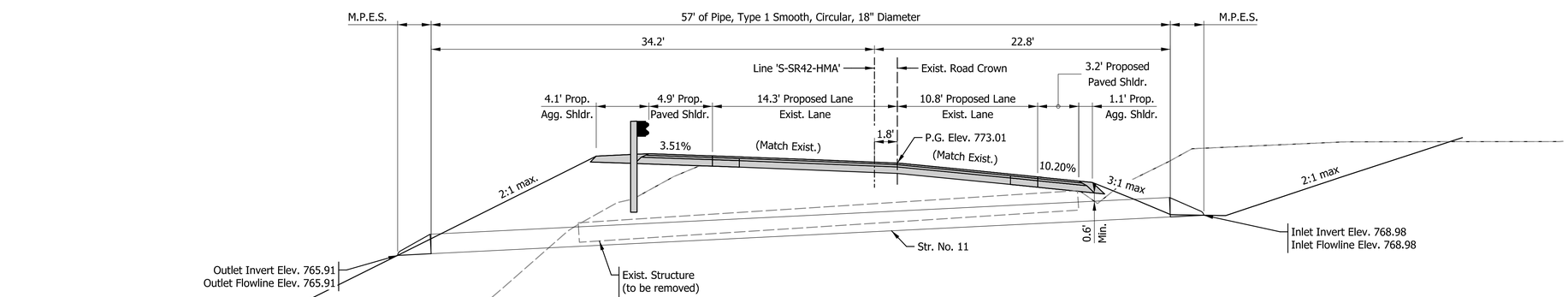
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2200184
SURVEY BOOK	SHEETS
ELECTRONIC	48 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:39 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_GenPlan_CLV86918.dgn
Model: GenPlan



PLAN

Scale: 1" = 10'



SECTION ALONG STRUCTURE AND DITCH CENTERLINE

Scale: 1" = 5'

HYDRAULIC DATA

Drainage Area	1.12 acres
Design Discharge (Q50)	2.44 cfs
Design Discharge (Q100)	2.69 cfs
Proposed Backwater (Q100)	3.10 ft
Proposed Avg. Velocity (Q50)	8.90 ft/sec
Proposed Headwater Elev. (Q100)	769.84 ft
Proposed Headwater Elev. (Q50)	769.79 ft
Proposed Outlet Flowline Elev.	765.91 ft
Proposed Minimum Low Str. Elev.	768.16 ft
Proposed Roadway Serviceability Elev.	771.43 ft
Proposed Sump	0 in

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: RA DRAWN: KCH/RA

CHECKED: SRM CHECKED: MDP

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
CURVE SW6 (PI 1190+36) STR. NO. 11
(STR. CLV-86932)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	SHEETS
ELECTRONIC	49 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:44 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_GenPlan_CLV86932.dgn
Model: GenPlan

Andrew Beau Bailey & Richard Brandon Bailey

Larry A. & Alba L. Latham

820+00

C.R. 500 E

819+00

Begin Project
DES. NO. 2200184
Sta. 819+32.57 "S-SR42-HMA"

Constr. Limits

Line " "

Section Line & App. P/L

40' R/W

45' R/W

R/W

TCD

FS

MATCHLINE - SEE NEXT SHEET

Constr. Limits

Line "S-SR42-HMA"

S.R. 42

N88°43'13"E

Begin Incidental Construction
DES. NO. 2200184
Sta. 818+52.58 "S-SR42-HMA"

EROSION CONTROL PLAN
Scale: 1" = 10'

Andrew Beau Bailey & Richard Brandon Bailey

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
820+00	X			1		12				
820+85	X			1		14				
820+90			X	15		304				
UNDISTRIBUTED					20		35	100	1	
TOTAL				**17**	**20**	**330**	**35**	**100**	**1**	

LEGEND

TCD - Temporary Check Dam

FS - Filter Sock

- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

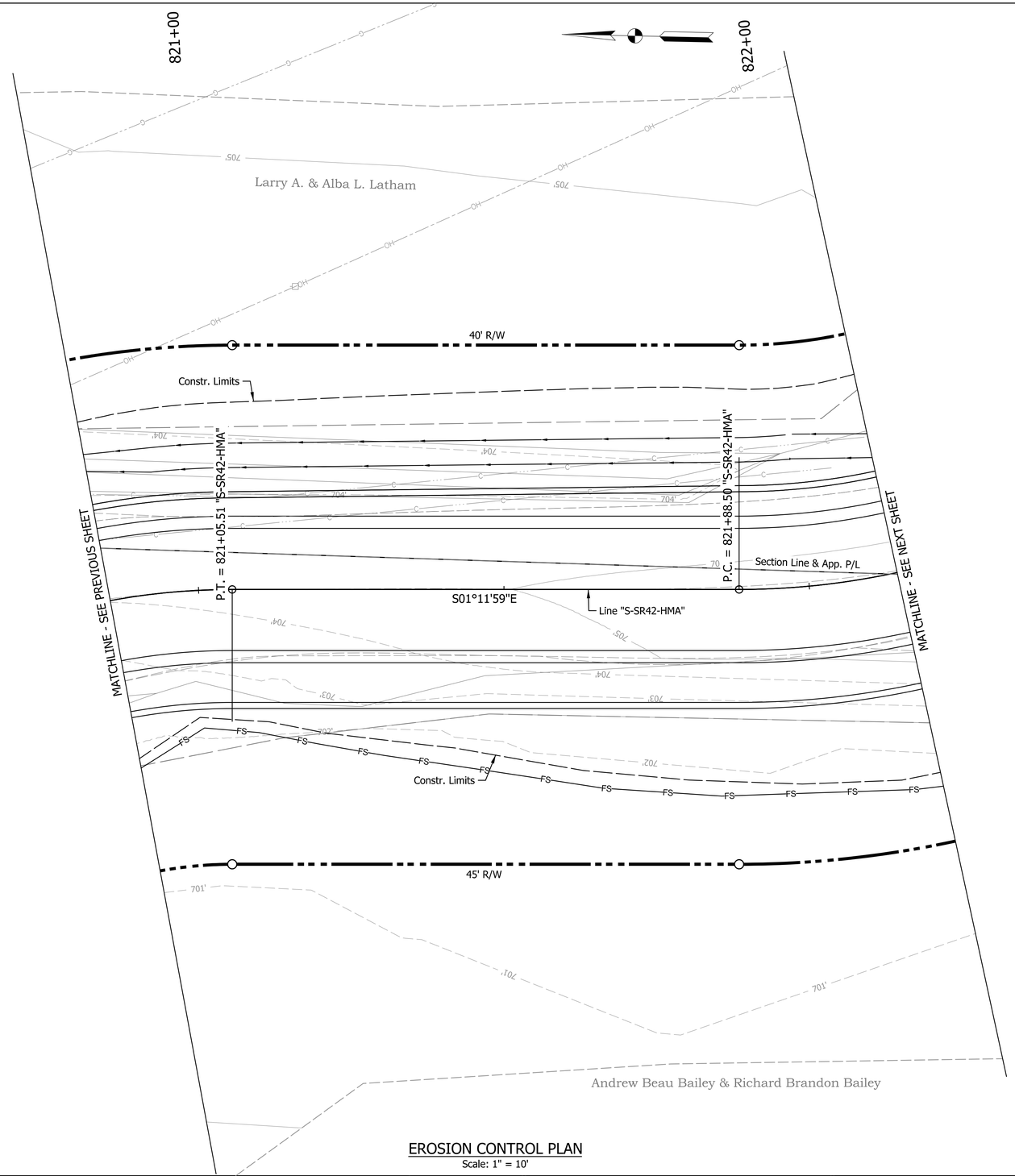
EROSION CONTROL
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	50	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:51 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_82043-82308.dgn
Model: Erosion_Control_Curve_01



EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

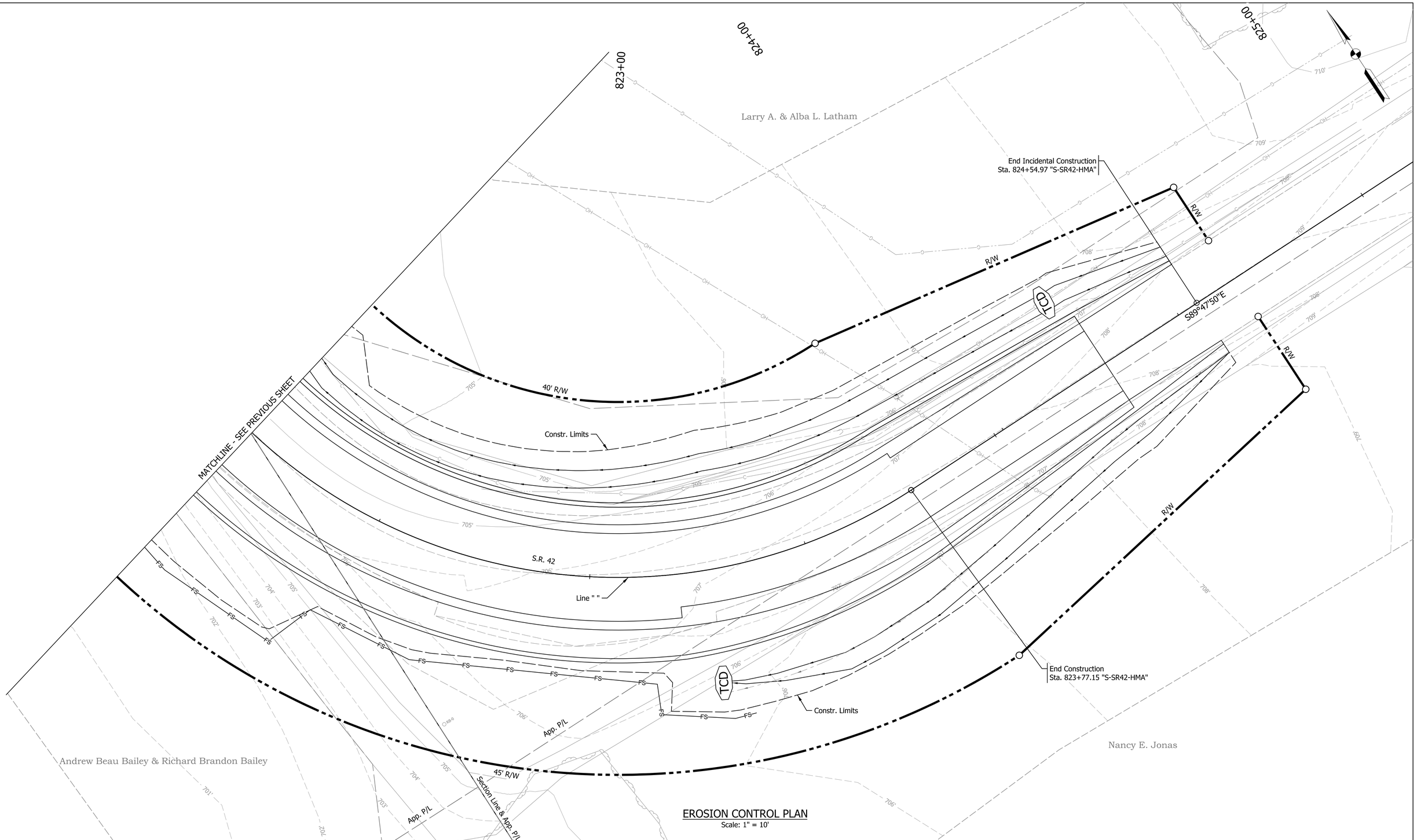
EROSION CONTROL
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	51	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:52 PM

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Model: Erosion_Control_Curve_01a



EROSION CONTROL PLAN
Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- — FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

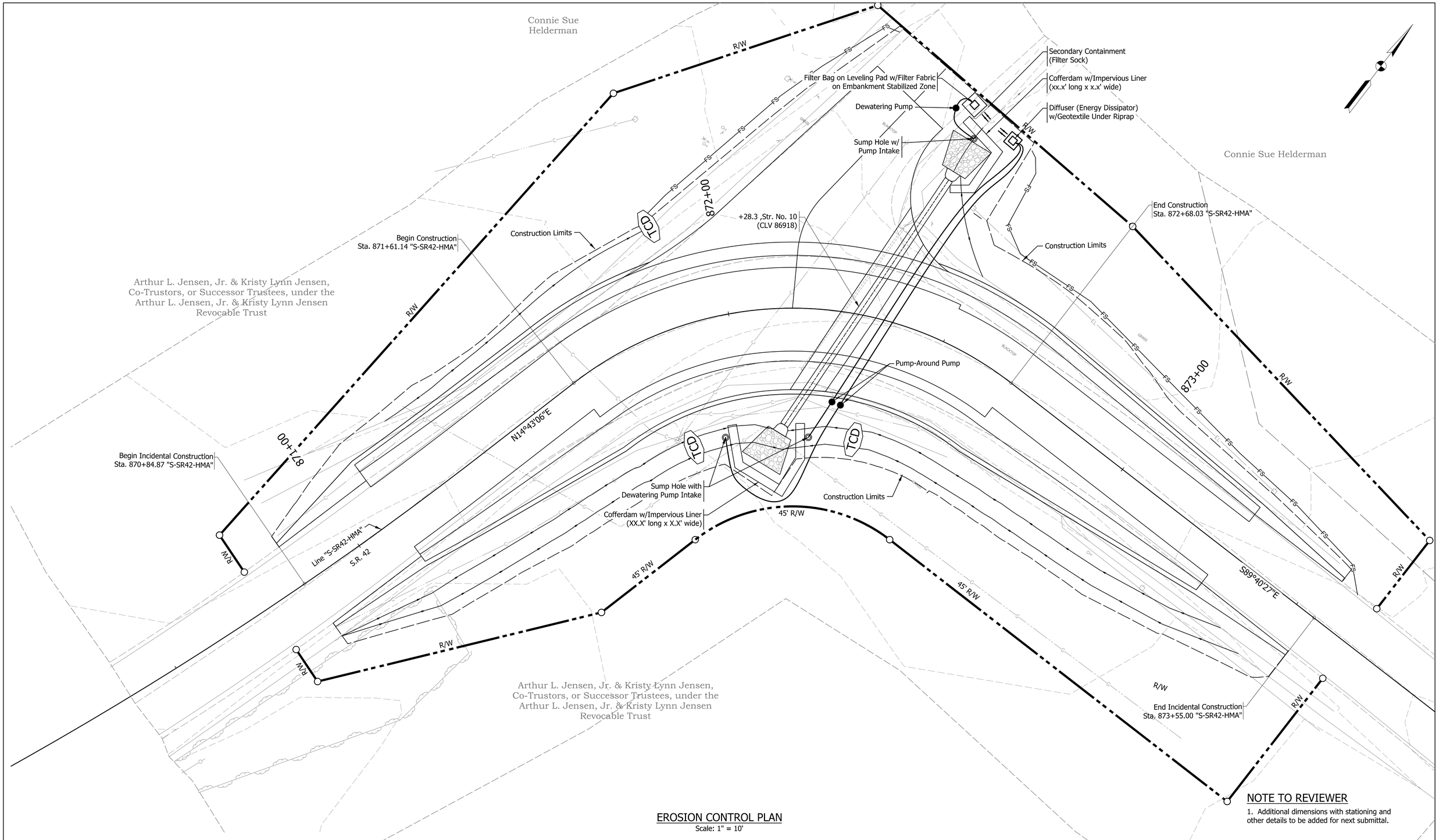
EROSION CONTROL
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	52	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:18:53 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_82043-82308.dgn
Model: Erosion_Control_Curve_01b



EROSION CONTROL PLAN

Scale: 1" = 10'

NOTE TO REVIEWER

1. Additional dimensions with stationing and other details to be added for next submittal.

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA DEPARTMENT OF TRANSPORTATION

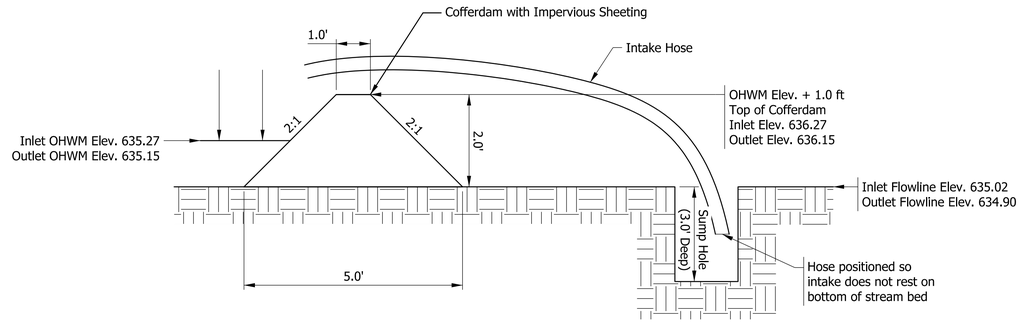
EROSION CONTROL CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	53 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:18:57 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_87224.dgn
Model: Erosion_Control_Curve_02

TEMPORARY EROSION CONTROL TABLE											
STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
871+95	X			4		73				
872+50	X			7		136				
UNDISTRIBUTED					20		15	100	1	
TOTAL				**10**	**20**	**209**	**15**	**100**	**1**	



COFFERDAM/SUMP HOLE
WORK AREA

Not to Scale

NOTES

1. Any areas in addition to those called out, left undisturbed for a period exceeding 7 days shall be required to have Temporary Seeding.
2. All disturbed areas shall be permanently Seeded in accordance with INDOT Standard Specifications as soon as possible upon completion of work in that area.
3. Erosion Control Blankets will be used on all slopes steeper than 3:1.
4. Pump Around operation shall remain in place until all work in the channel is complete including Channel Stabilization and Wingwall Installation.
5. Refer to Standard Drawings 205-TECD, 205-TEC1, 205-TECP for Erosion Control measures.

Plot: 3/14/2025 2:18:57 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	54 of 108
CONTRACT	PROJECT
R-45322	2200184

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_87224.dgn
Model: Erosion_Control_Curve_02b

Beth Ann Ahlemeyer Tevlin

Scott Schlenker, David Schlenker, Aaron Schlenker,
Kevin Schlenker, Christopher Schlenker, & Steve Schlenker

Begin Incidental Construction
Sta. 958+65.21 "S-SR42-HMA"

959+00

Begin Construction
Sta. 959+43.07 "S-SR42-HMA"

960+00

961+00

R/W

595'

600'

605'

FS

TCD

Constr. Limits

S76°56'56"E
S.R. 42

Line "S-SR42-HMA"

MATCHLINE - SEE NEXT SHEET

¼ Section Line & App. P/L

Beth Ann Ahlemeyer Tevlin

Scott Schlenker, David Schlenker, Aaron Schlenker,
Kevin Schlenker, Christopher Schlenker, & Steve Schlenker

EROSION CONTROL PLAN
Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

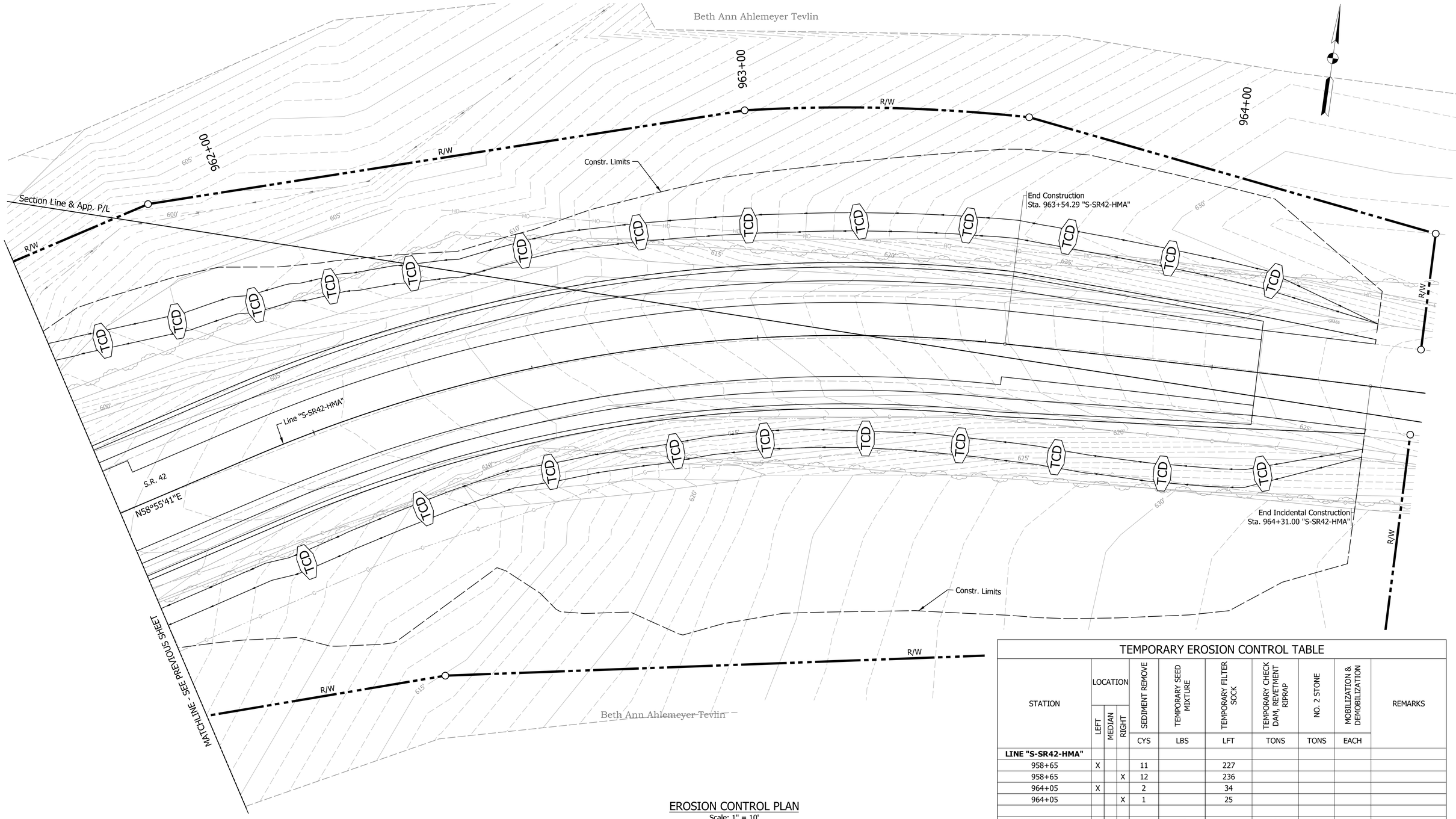
EROSION CONTROL
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	55 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:31:37 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_96042-96272.dgn
Model: Erosion_Control_Curve_03

Beth Ann Ahlemeyer Tevlin



EROSION CONTROL PLAN
Scale: 1" = 10'

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
958+65	X			11		227				
958+65			X	12		236				
964+05	X			2		34				
964+05			X	1		25				
UNDISTRIBUTED					20		130	100	1	
TOTAL				**26**	**20**	**522**	**130**	**100**	**1**	

LEGEND

TCD - Temporary Check Dam
— FS — - Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

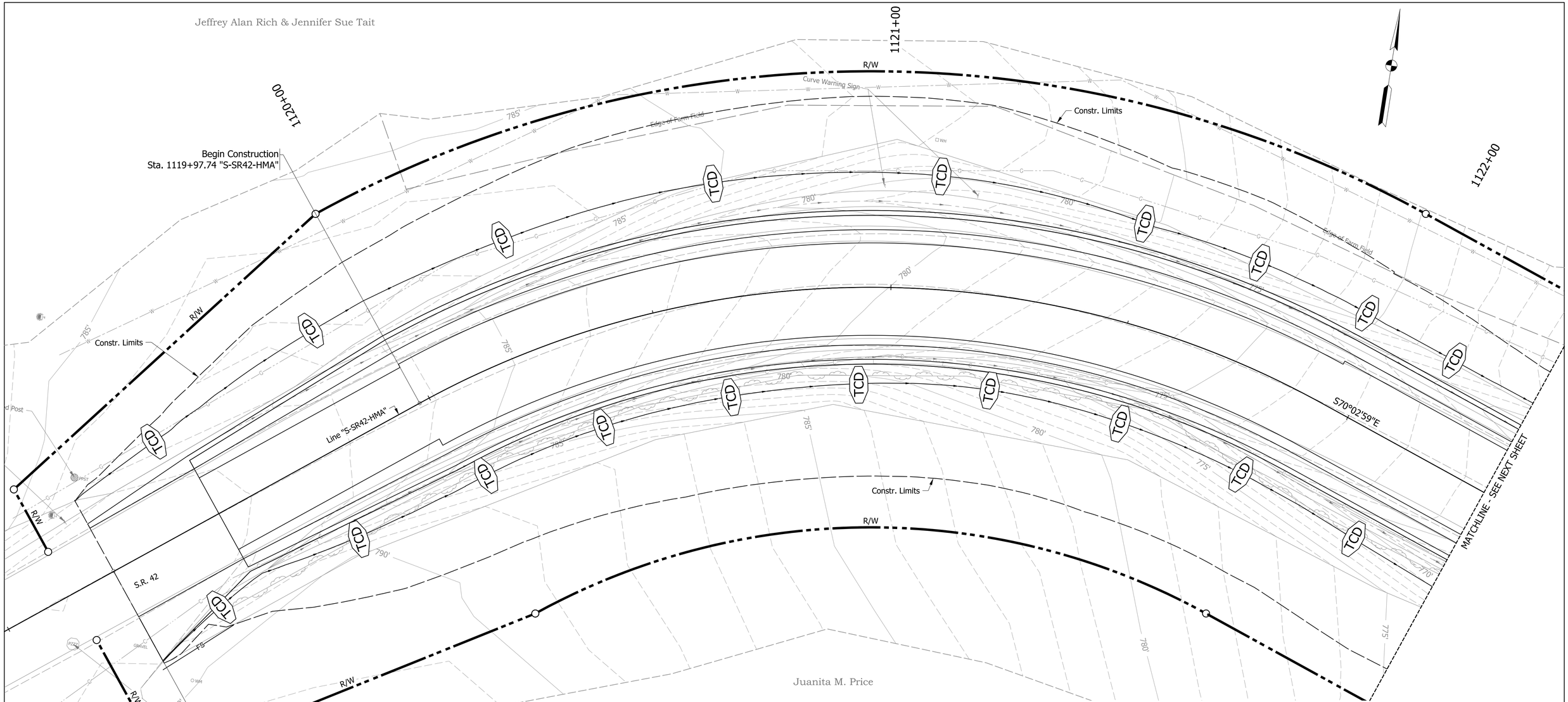
EROSION CONTROL
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	56	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot:3/14/2025 2:31:38 PM
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Model:Erosion_Control_Curve_03a

Jeffrey Alan Rich & Jennifer Sue Tait



Juanita M. Price

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
1119+30			X	1		18				
1124+51	X			20		398				
UNDISTRIBUTED					20		245	100	1	
TOTAL				**21**	**20**	**416**	**245**	**100**	**1**	

EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

TCD — FS — - Temporary Check Dam

FS — - Filter Sock

- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	57	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:10 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_112105-112668.dgn
Model: Erosion_Control_Curve_04

Jeffrey Alan Rich & Jennifer Sue Tait

Larry C. Stanfield & Tracy L. Stanfield

1123+00

1124+00

1125+00

App. P/L

App. P/L

R/W

Constr. Limits

TCD

FS

MATCHLINE - SEE PREVIOUS SHEET

MATCHLINE - SEE NEXT SHEET

Line "S-SR42-HMA"

765'

760'

755'

750'

745'

770'

Communications Vault

Inv. 12" Iron Pipe = 757.34'

Inv. 12" CPP = 752.84'

Constr. Limits

R/W

R/W

Juanita M. Price

Jane Guthrie

App. P/L

TBM #85 SPIKE IN N FACE OF UTILITY POLE 103-10-002
ELEV.= 749.795'

EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

TCD - Temporary Check Dam

FS - Filter Sock

- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

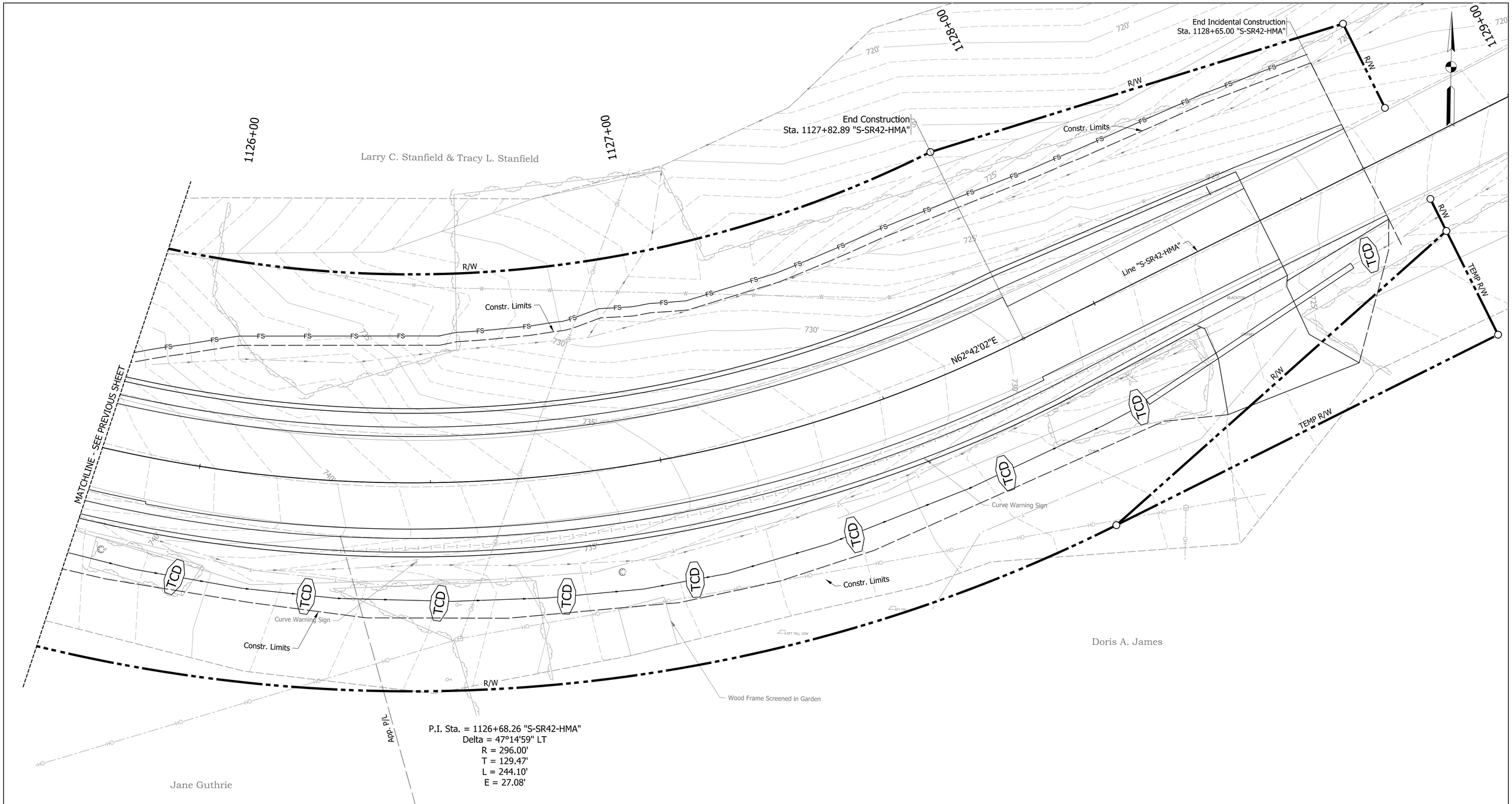
EROSION CONTROL
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	58	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:11 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_112105-112668.dgn
Model: Erosion_Control_Curve_04-B



P.I. Sta. = 1126+68.26 "S-SR42-HMA"
Delta = 47°14'59" LT
R = 296.00'
T = 129.47'
L = 244.10'
E = 27.08'

EROSION CONTROL PLAN
Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DSR | DRAWN: DSR

CHECKED: MAH | CHECKED: KCH

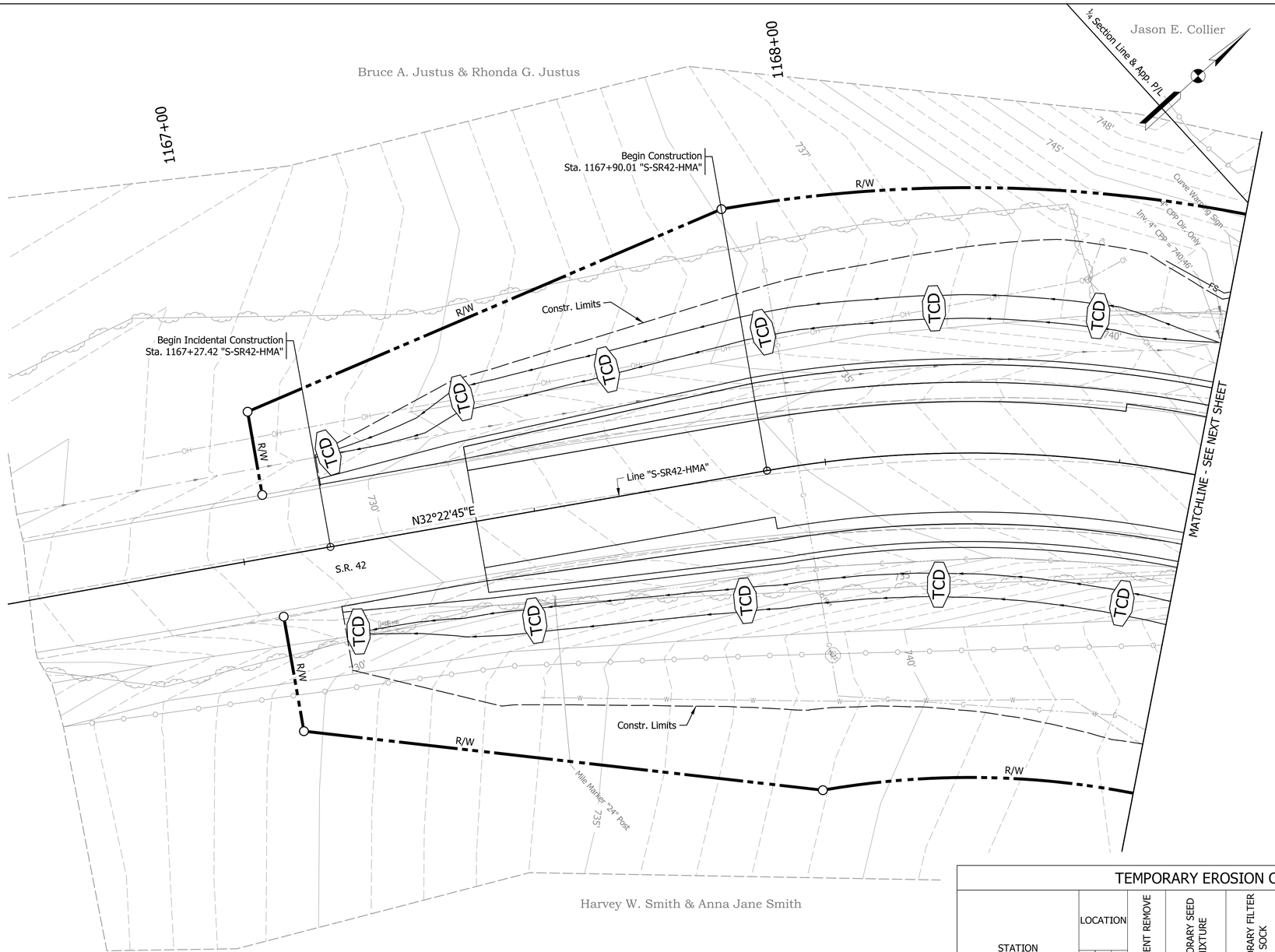
INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	59	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:12 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_112105-112668.dgn
Model: Erosion_Control_Curve_04-C



TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
1168+50	X			2		46				
1169+00	X			2		35				
1169+45	X			7		139				
UNDISTRIBUTED					20		65	100	1	
TOTAL				**11**	**20**	**220**	**65**	**100**	**1**	

EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

TCD - Temporary Check Dam

— FS — - Filter Sock

- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

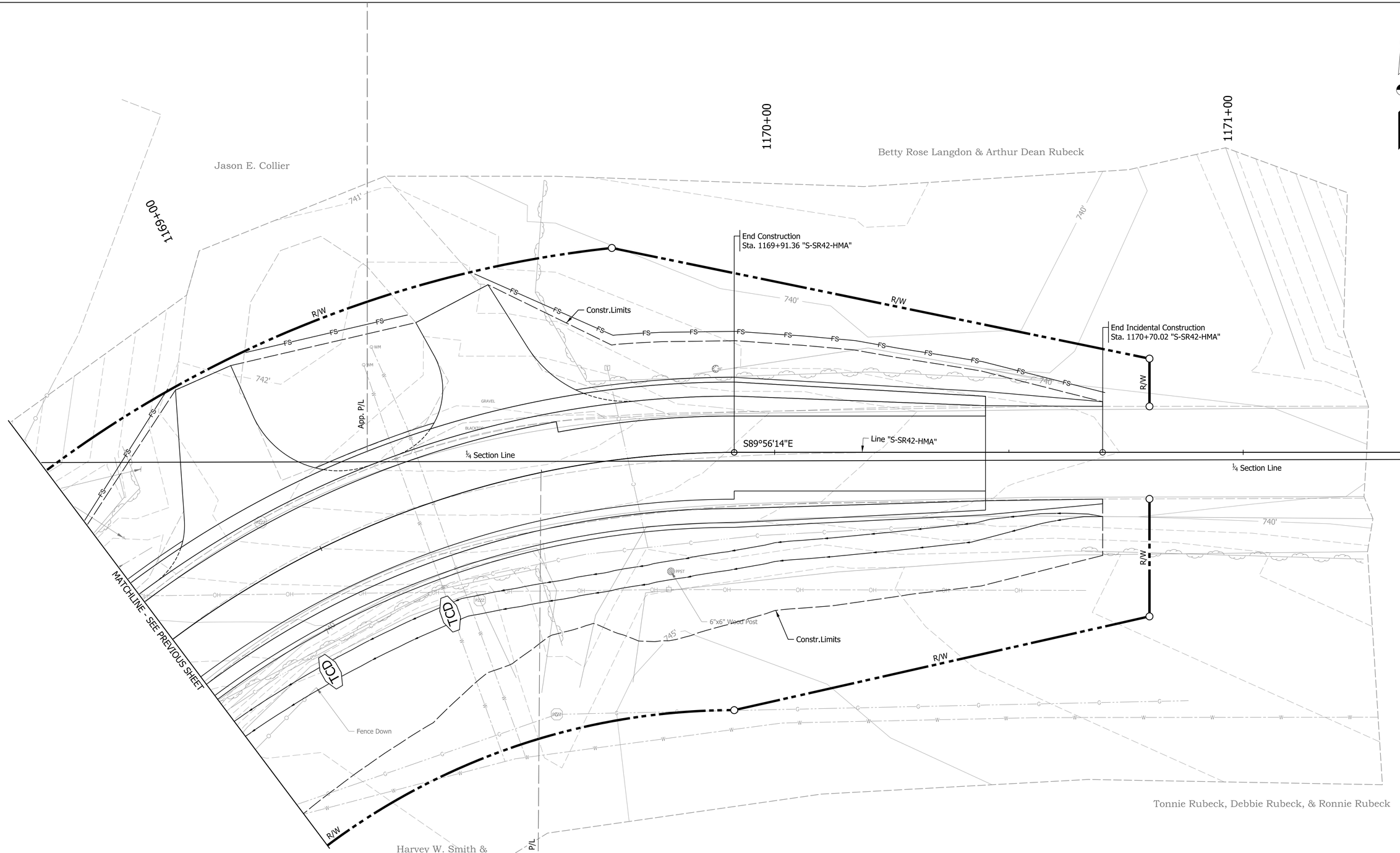
INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	60 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:19:16 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_116900.dgn
Model: Erosion_Control_Curve_06



EROSION CONTROL PLAN
Scale: 1" = 10'

LEGEND

TCD	- Temporary Check Dam
— FS —	- Filter Sock
	- Vegetated Erosion Control Blanket
	- Riprap
	- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

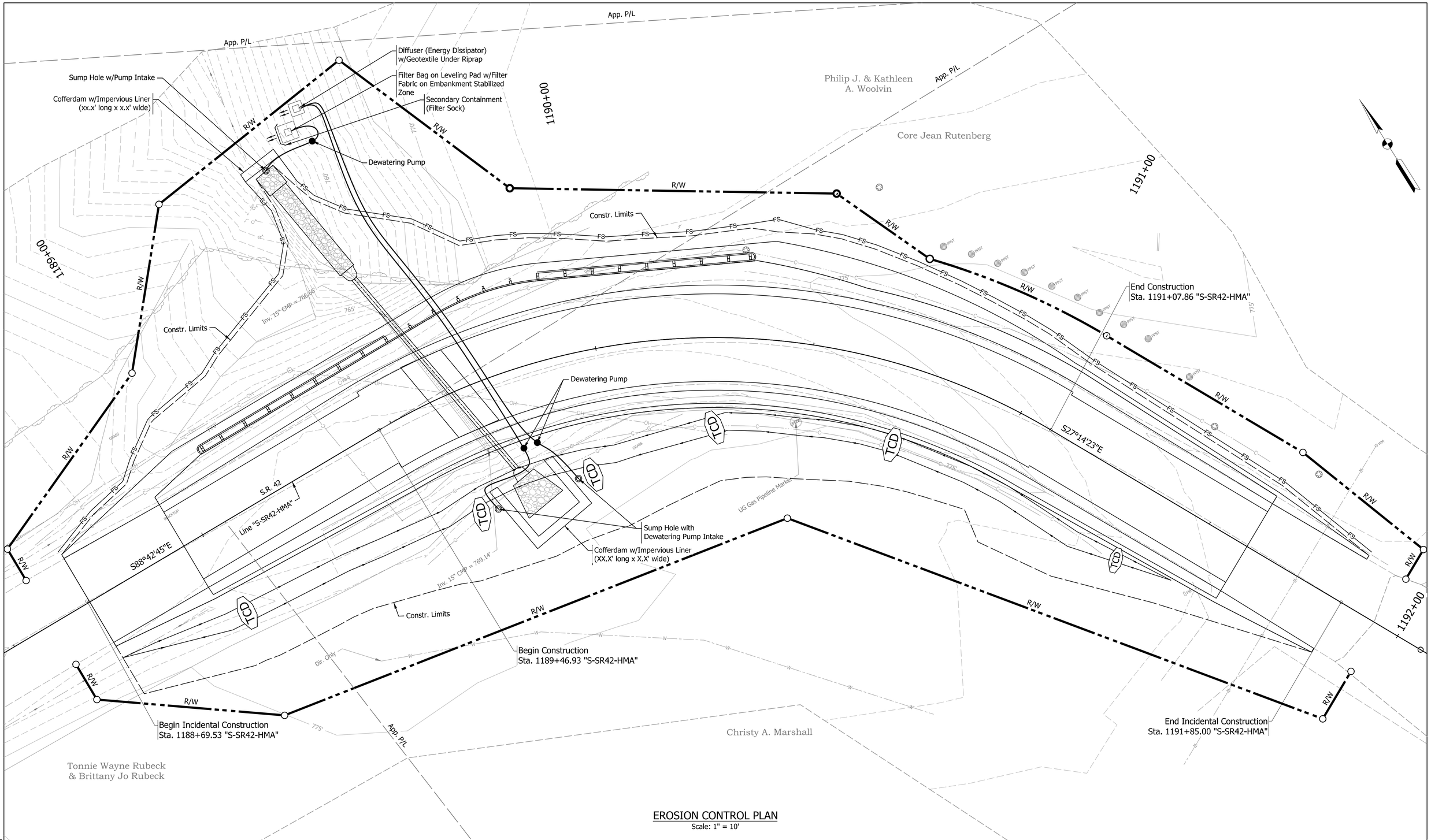
EROSION CONTROL
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	61	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:18 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_116900.dgn
Model: Erosion_Control_Curve_06b



EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CURVE SW6 (PI 1190+36)

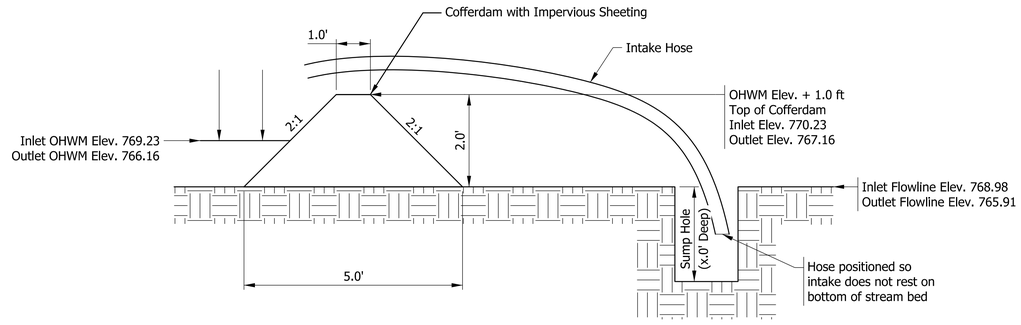
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	62 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot:3/14/2025 2:19:22 PM

File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_119036.dgn
Model:Erosion_Control_Curve_07

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
1188+70	X			5		106				
1189+50	X			14		277				
UNDISTRIBUTED					20		65	100	1	
TOTAL				**19**	**20**	**383**	**65**	**100**	**1**	



COFFERDAM/SUMP HOLE
WORK AREA

Not to Scale

NOTES

1. Any areas in addition to those called out, left undisturbed for a period exceeding 7 days shall be required to have Temporary Seeding.
2. All disturbed areas shall be permanently Seeded in accordance with INDOT Standard Specifications as soon as possible upon completion of work in that area.
3. Erosion Control Blankets will be used on all slopes steeper than 3:1.
4. Pump Around operation shall remain in place until all work in the channel is complete including Channel Stabilization and Wingwall Installation.
5. Refer to Standard Drawings 205-TECD, 205-TEC1, 205-TECP for Erosion Control measures.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

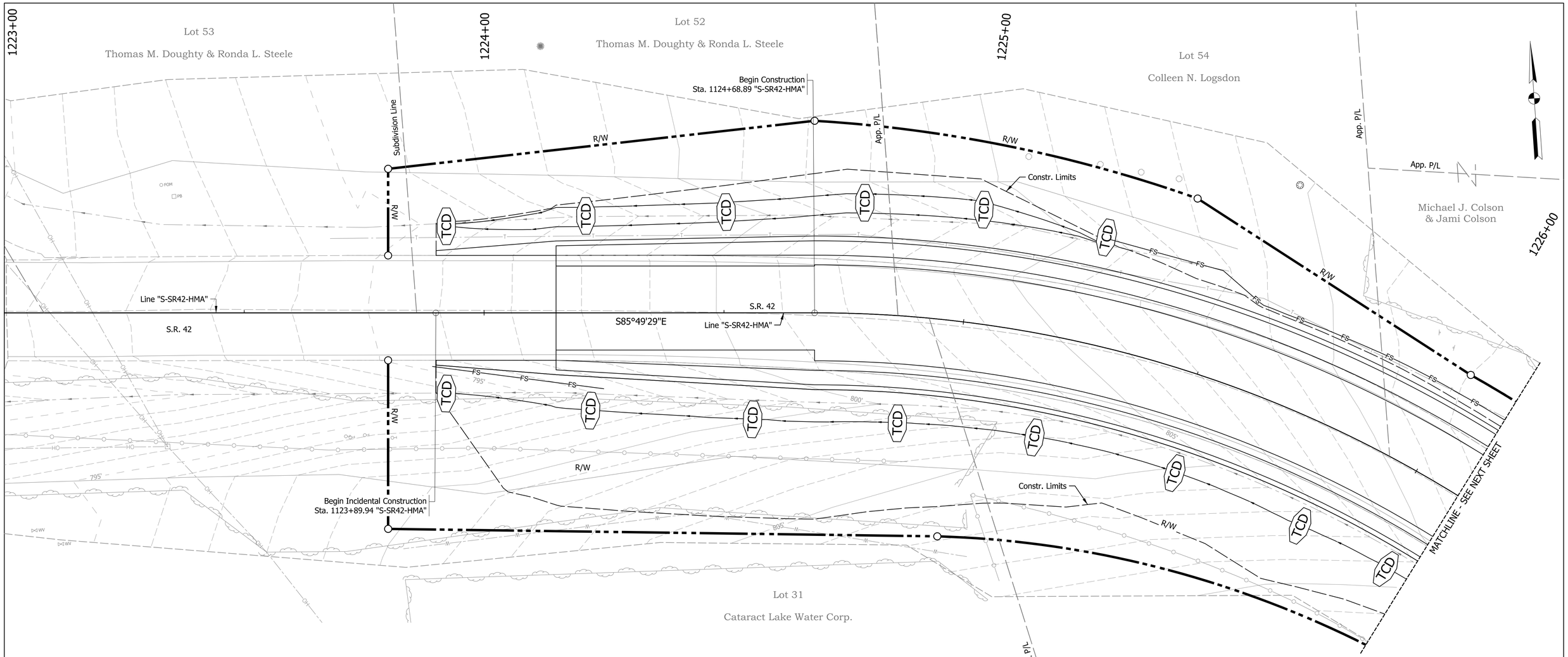
INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	63	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:22 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_119036.dgn
Model: Erosion_Control_Curve_07b



TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			SEDIMENT REMOVE	TEMPORARY SEED MIXTURE	TEMPORARY FILTER SOCK	TEMPORARY CHECK DAM, REVETMENT RIPRAP	NO. 2 STONE	MOBILIZATION & DEMOBILIZATION	REMARKS
	LEFT	MEDIAN	RIGHT	CYS	LBS	LFT	TONS	TONS	EACH	
LINE "S-SR42-HMA"										
1125+25	X			13		262				
1123+90			X	2		36				
1126+65			X	5		103				
UNDISTRIBUTED					20		85	100	1	
TOTAL				**20**	**20**	**401**	**85**	**100**	**1**	

EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

- TCD — Temporary Check Dam
- FS — Filter Sock
- Vegetated Erosion Control Blanket
- Riprap
- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	64	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:57:59 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_122590.dgn
Model: Erosion_Control_Curve_08

Michael J. Colson & Jami Colson

Michael J. Colson & Jami Colson

1227+00

1228+00

1229+00

App. P/L

App. P/L

App. P/L

End Project
Sta. 1226+95.77 "S-SR42-HMA"

Constr. Limits

R/W

R/W

R/W

R/W

R/W

FS

TCD

TCD

TCD

Constr. Limits

End Incidental Construction
Sta. 1227+69.89 "S-SR42-HMA"

Exist. R/W

Exist. R/W

S35°02'29"E

Line "S-SR42-HMA"

S.R. 42

MATCHLINE - SEE PREVIOUS SHEET

Lot XX

Cataract Lake Water Corp.
(Deed not yet verified)

EROSION CONTROL PLAN

Scale: 1" = 10'

LEGEND

TCD - Temporary Check Dam

— FS — - Filter Sock

- Vegetated Erosion Control Blanket

- Riprap

- Cofferdam

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DSR DRAWN: DSR

CHECKED: MAH CHECKED: KCH

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184

SURVEY BOOK			
ELECTRONIC	65	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:29 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Erosion Control_122590.dgn
Model: Erosion_Control_Curve_08a

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	LEFT	RIGHT	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE				EXCAVATION		CLEAR ZONE AT DRIVE				HMA MATERIALS			MILLING ASPHALT, 2 IN	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	ASPHALT FOR TACK COAT	SUBGRADE TREATMENT, TYPE II	SUBGRAGE TREATMENT, TYPE IC	GEOTEXTILE FOR PAVEMENT, TYPE 2B	MAILBOX ASSEMBLY, DOUBLE	COMPACTED AGGREGATE, NO. 53	COMPACTED AGGREGATE, NO. 53	COMPACTED AGGREGATE FOR SURFACE NO. 73		REMARKS
								COMPACTED AGGREGATE BASE	HMA	CONCRETE								HMA FOR APPROACHES, TYPE B	WIDENING WITH HMA, TYPE C	QC/QA-HMA, 3, 58H, SURFACE, 9.5 mm	QC/QA-HMA, 3, 58H, INTERMEDIATE, 19.0 mm	QC/QA-HMA, 3, 58H, BASE, 25.0 mm									DEPTH (IN.)	DEPTH (IN.)	DEPTH		
																		LBS. PER SYD.		LBS. PER SYD.												2	12.5			
				FT	FT	FT	FT	SYS	SYS	SYS	1 %	2 %	3 %	4 %	CUT CYS	FILL CYS	FT	TON	440 TON	1320 TON	165 TON	TON	TON	SYS	LFT	LFT	SYS	SYS	SYS	SYS	EACH	CYS	TON	SYS	SYS	
LINE "S-SR42-HMA"																																				
CURVE SW1			Mainline																																	
STA. 820+32 "S-SR42-HMA"	X		Modified Public Road Approach	58	20																															
CURVE SW2			Mainline																																	
STA. 872+24 "S-SR42-HMA"	X		Modified Public Road Approach	21	42																															
CURVE SW3			Mainline																																	
CURVE SW4			Mainline																																	
STA. 1123+88 "S-SR42-HMA"	X		Class II Drive	25	25																															
STA. 1124+35 "S-SR42-HMA"	X		Class II Drive	15	30																															
STA. 1128+24 "S-SR42-HMA"		X	Modified Class II Drive	47	22																															Modified for material
CURVE SW5			Mainline																																	
STA. 1168+91 "S-SR42-HMA"	X		Class II Drive	13	32																															
STA. 1169+46 "S-SR42-HMA"	X		Class II Drive	17	28																															
CURVE SW6			Mainline																																	
CURVE SW7			Mainline																																	
TOTAL																																				

DESIGN SPEED TABLE

	Begin Sta. (Line "S-SR42-HMA")	End Sta. (Line "S-SR42-HMA")	Design Speed	Advisory Speed
SW1	818+58.13	824+63.87	50 MPH	20 MPH
SW2	870+92.93	873+53.50	50 MPH	15 MPH
SW3	958+66.51	964+30.23	50 MPH	30 MPH
SW4	1119+25.02	1128+60.79	55 MPH	25 MPH
SW5	1167+14.66	1167+72.05	55 MPH	25 MPH
SW6	1188+67.94	1191+62.20	55 MPH	25 MPH
SW7	1223+77.33	1227+72.14	55 MPH	20 MPH

MONUMENT AND R/W MARKER TABLE

STATION	OFFSET	MONUMENT A	B	C	D	SECTION CORNER	R/W MARKER
LINE "S-SR42-HMA"							
TOTALS		**0**	**0**	**0**	**0**	**0**	**0**

NOTE TO REVIEWER:
Quantities for STG 2 have been included in the Quantity Calculations. Tables within the plans will be completed for STG 3 submittal.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: SG CHECKED: SG

INDIANA DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	2200184
SURVEY BOOK	
ELECTRONIC	66 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot:3/14/2025 2:19:31 PM

File:H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_Summary.dgn
Model:Summary_01

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				CONCRETE, CLASS A, FOR STR.	VIDEO INSPECTION	PIPE END SECTION, DIA. 15 IN.	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM				BACKFILL							SUMP DEPTH	GEOTEXTILE	RIPRAP													
					FT	IN.			LFT	LFT		LFT	ELEV.	ELEV.	YRS				CYS		CYS		SYS	TON	IN.	SYS.	TYPE	TONS	CYS	LFT	EACH	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
	LINE "S-SR42-HMA"																																						
10	STA. 872+30			X		23x14	1		67		25	0.6	635.02	634.90																								
30-A	STA. 1123+88		X		23	15	3		43			1.0	757.76	754.02																	2							
30-B	STA. 1124+35	X			24	15	3		43			0.1	753.32	750.72																	2							
30-C	STA. 1128+24		X		21	15	3		47			0.1	725.41	722.71																	2							
11	STA. 1189+65			X		18	1		60		16	0.6	768.98	766.66																								
	TOTAL																															**6**						

PAVEMENT MARKINGS SUMMARY OF QUANTITIES

LOCATION	LINE PAINT		LINE EPOXY				LINE EPOXY				TRANSVERSE MARKINGS THERMOPLASTIC STOP LINE		TRANSVERSE MARKINGS CROSSHATCH LINE		TRANSVERSE MARKINGS CROSSWALK LINE		PAVEMENT MESSAGE THERMOPLASTIC LANE INDICATION ARROW	SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER
	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	BROKEN	BROKEN	BROKEN	BROKEN	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID			
	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW	YELLOW	WHITE	WHITE			
	6 in	6 in	4 in	4 in	8 in	8 in	4 in	4 in	8 in	8 in	12 in	24 in	24 in	24 in	4 in	8 in			
	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	EACH	EACH	EACH
Sta. 898+15.00 to Sta. 899+85.00	340	43																2	2

GUARDRAIL TABLE

LOCATION			W-BEAM GUARDRAIL		GUARDRAIL FLARE RATE	GUARDRAIL MGS, HEIGHT TRASITION	GUARDRAIL, TRANSITION, TGS-1, MODIFIED	GUARDRAIL END TREATMENT, TYPE OS	REMARKS
STATION	LEFT	RIGHT	GUARDRAIL, MGS W-BEAM, 6 FT. 3 IN. SPACING	GUARDRAIL, W-BEAM, Curved Type 6					
			LFT	EACH		EACH	EACH	EACH	
Line "S-SR42-HMA"									
Sta. 1189+8.78 to Sta. 1189+57.62								1	
Sta. 1189+57.62 to Sta. 1189+90.96			37						
Sta. 1189+90.96 to Sta. 1190+35.67								1	
TOTALS			**37**					**2**	

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION					PAVED SIDE DITCH			RIPRAP DITCH			SODDING		
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIVAL. LENGTH EACH)	LUGS (8' EQUIVAL. LENGTH EACH)	REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES	FOR PAVED SIDE DITCHES	FOR DITCHES	NURSERY SODDING FOR LAWNS
					LFT	EACH	EACH	TONS	TONS	SYS	SYS	SYS	SYS
LINE "A"													
~~1104+51~~	~~1105+45~~			~~X~~	~~105~~			~~24~~		~~65~~			
~~1105+20~~	~~1105+45~~	~~X~~			~~25~~							~~17~~	
~~**TOTALS**~~								~~**24**~~		~~**65**~~		~~**17**~~	

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: SG CHECKED: SG

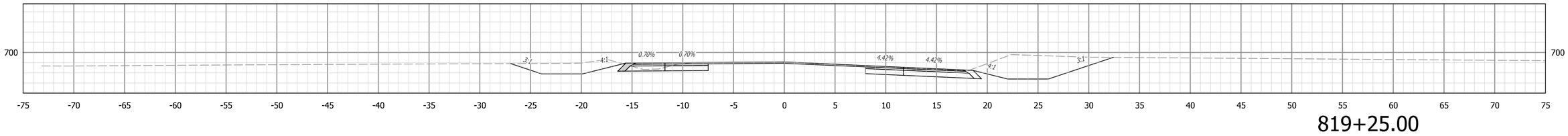
INDIANA DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

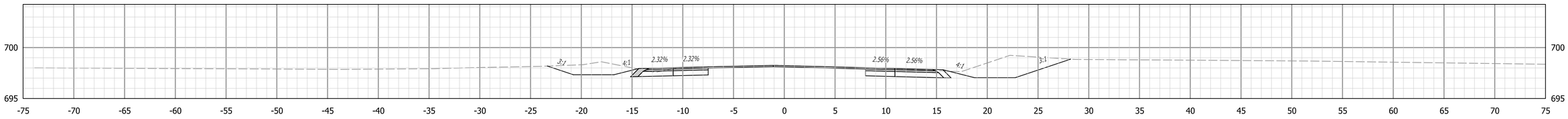
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	
ELECTRONIC	67 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:19:39 PM

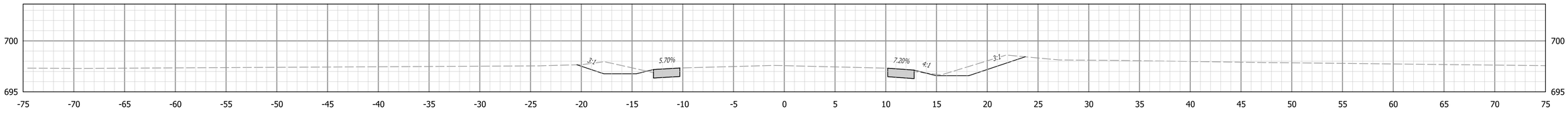
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819+25.00

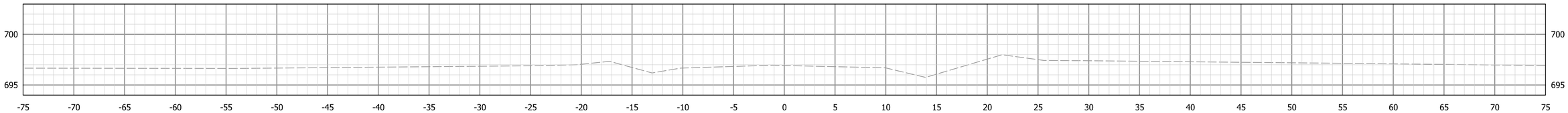


819+00.00



818+75.00

Begin Incidental Construction
Sta. 818+55.00 "S-SR42-HMA"



818+50.00

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

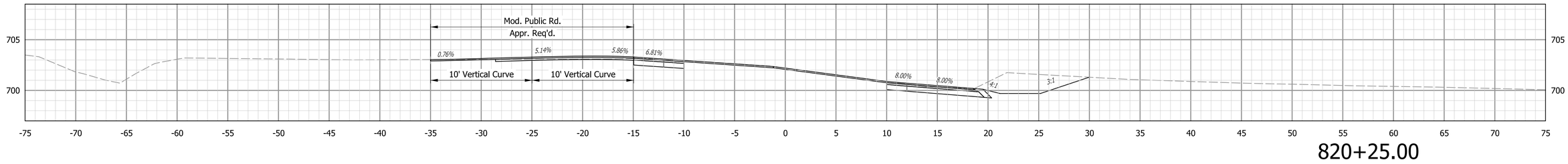
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CURVE SW1 (PI 820+43 AND PI 823+08)

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1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

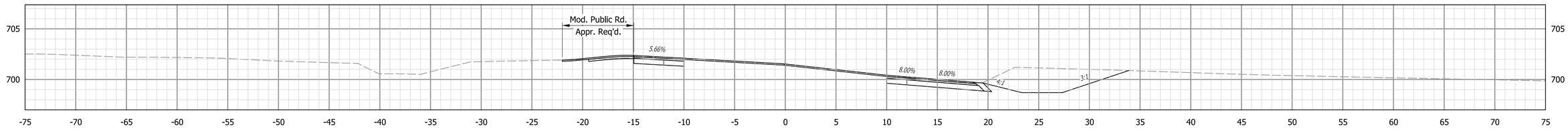
SURVEY BOOK			
ELECTRONIC	68	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:19:52 PM

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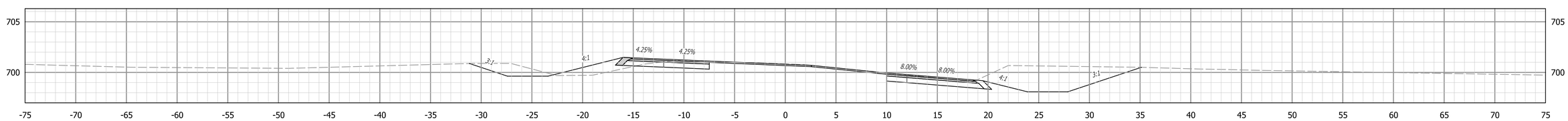


820+25.00

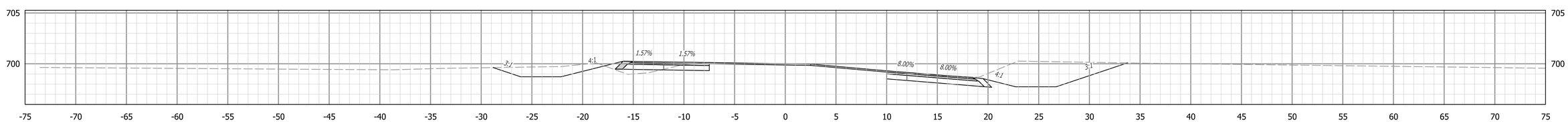


820+00.00

NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.



819+75.00



819+50.00

Begin Project
Sta. 819+32.57 "S-SR42-HMA"

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

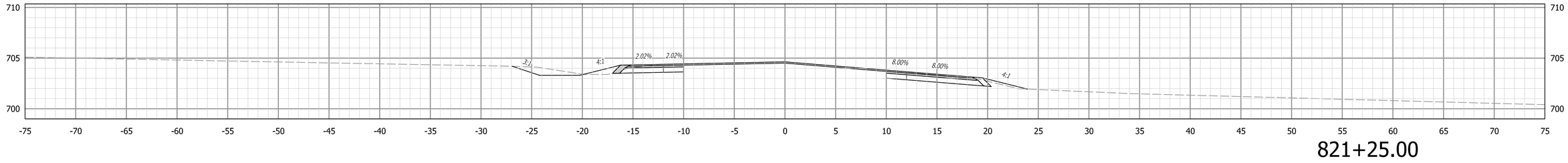
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INDIANA
DEPARTMENT OF TRANSPORTATION

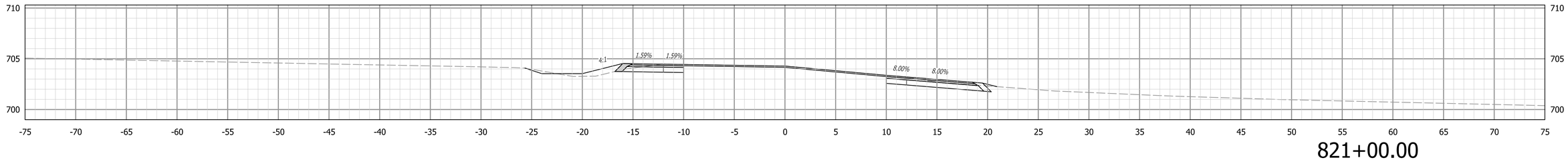
CROSS SECTIONS
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184
SURVEY BOOK	
ELECTRONIC	69 of 108
CONTRACT	PROJECT
R-45322	2200184

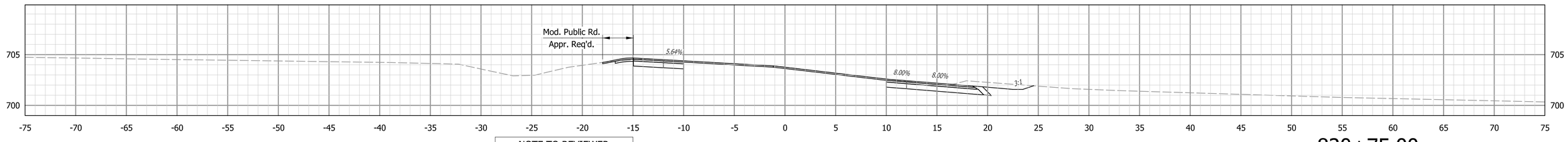
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821+25.00

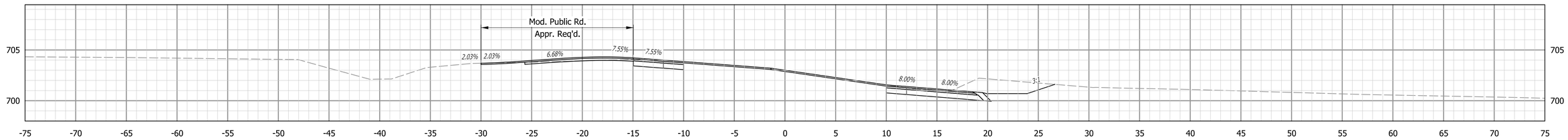


821+00.00



820+75.00

NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.



820+50.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

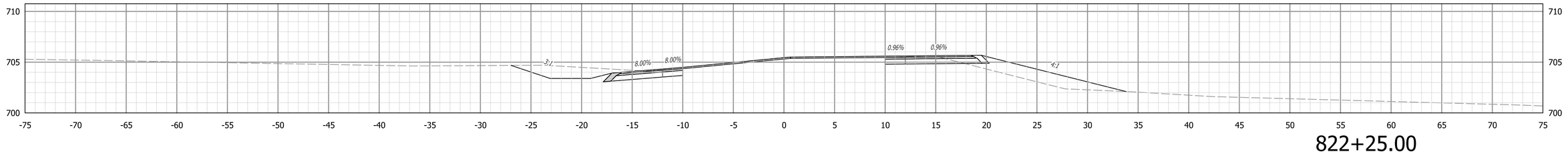
CROSS SECTIONS
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

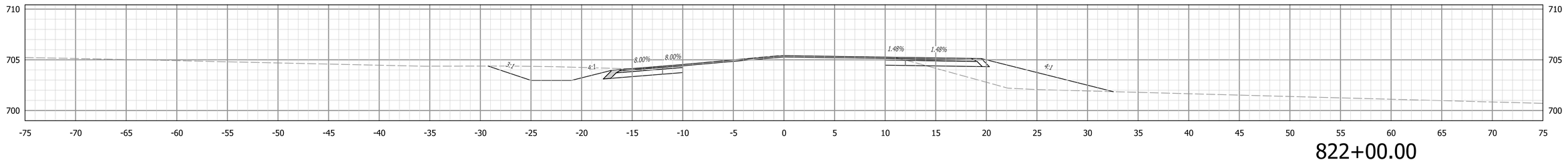
SURVEY BOOK			
ELECTRONIC	70	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:20:05 PM

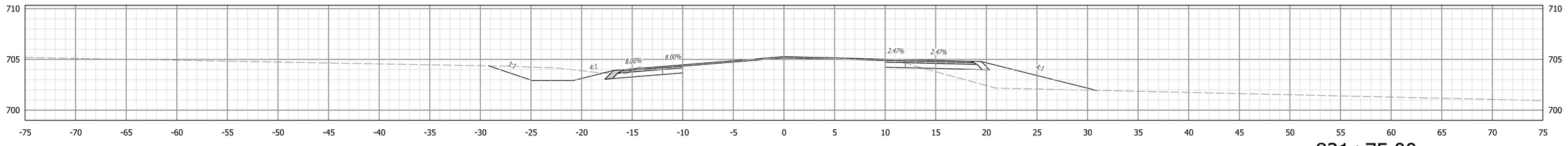
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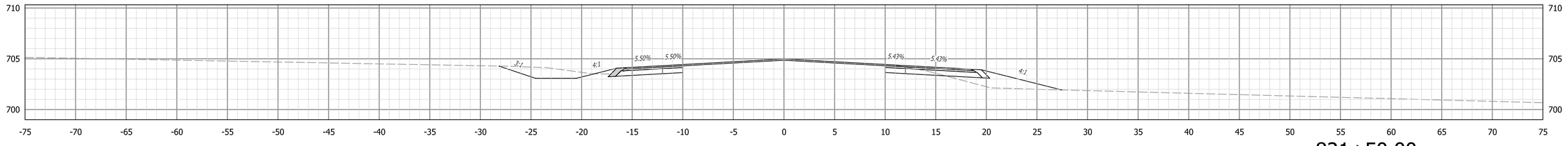
822+25.00



822+00.00



821+75.00



821+50.00

Plot: 3/14/2025 2:20:11 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

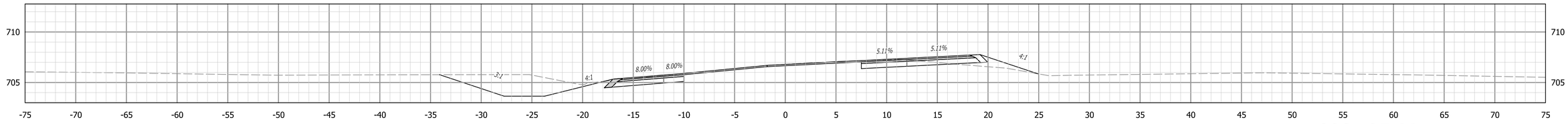
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW1 (PI 820+43 AND PI 823+08)

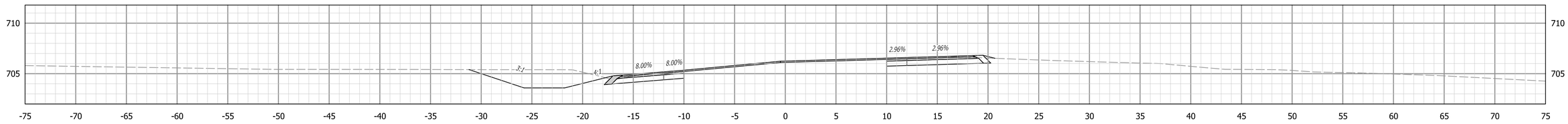
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	71	of	108
CONTRACT	PROJECT		
R-45322	2200184		

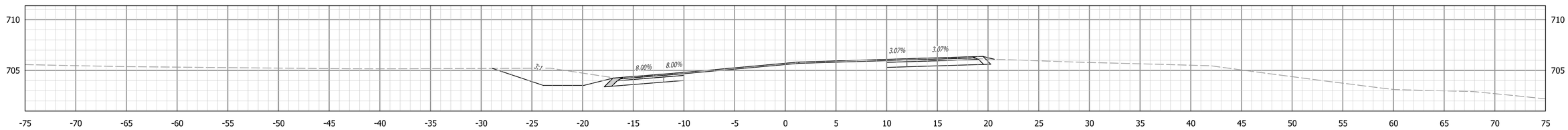
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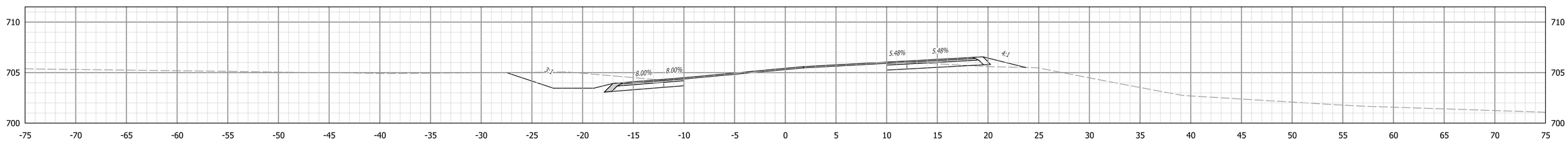
823+25.00



823+00.00



822+75.00



822+50.00

Plot: 3/14/2025 2:20:17 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

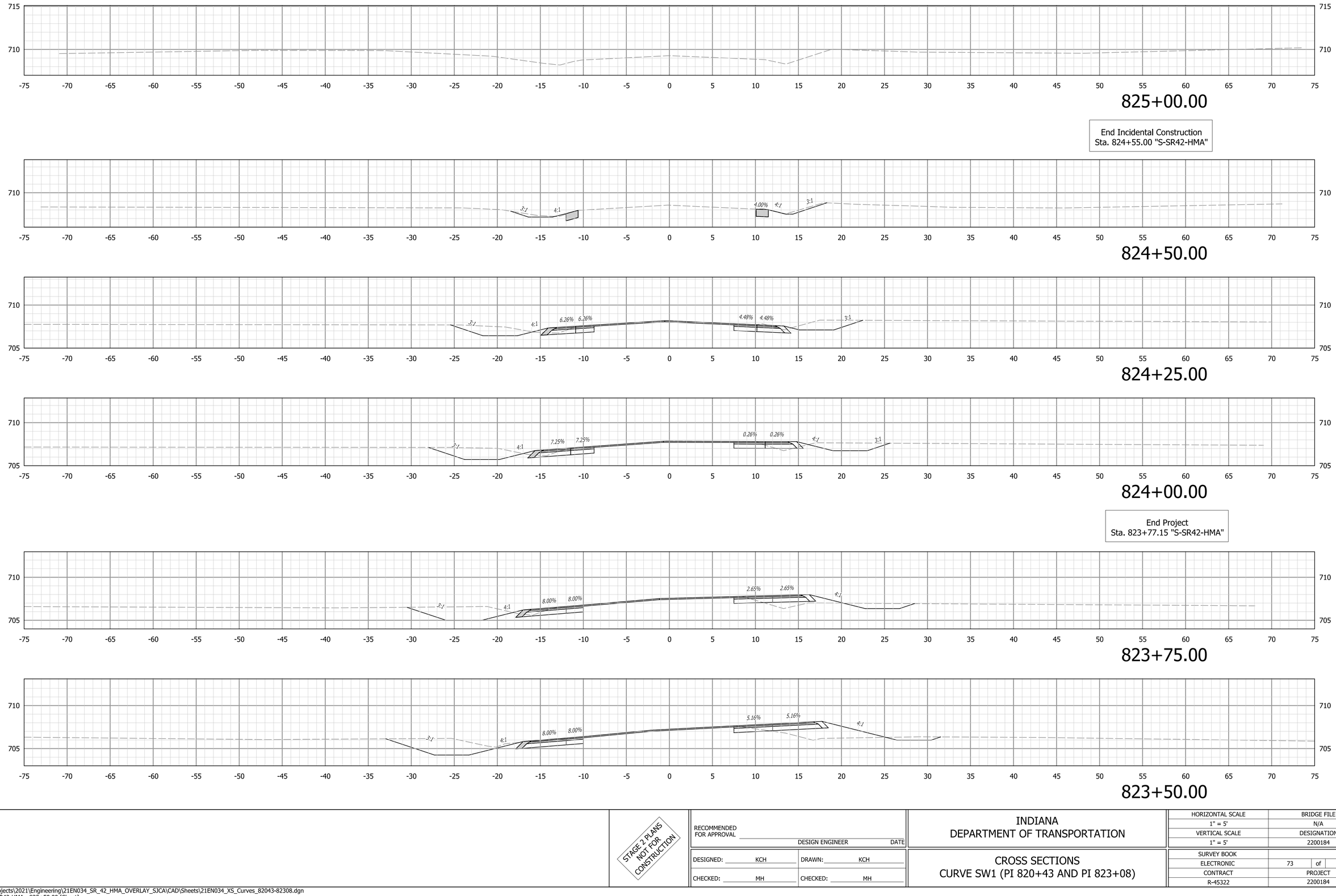
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW1 (PI 820+43 AND PI 823+08)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	72	of	108
CONTRACT	PROJECT		
R-45322	2200184		

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STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

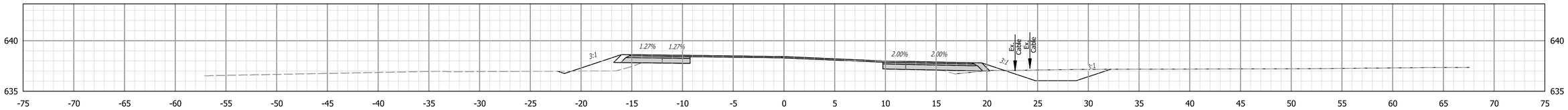
CROSS SECTIONS
CURVE SW1 (PI 820+43 AND PI 823+08)

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1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	73	of	108
CONTRACT	PROJECT		
R-45322	2200184		

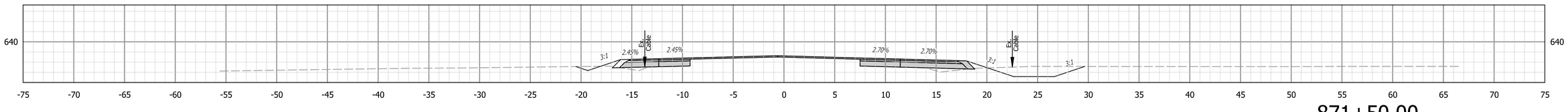
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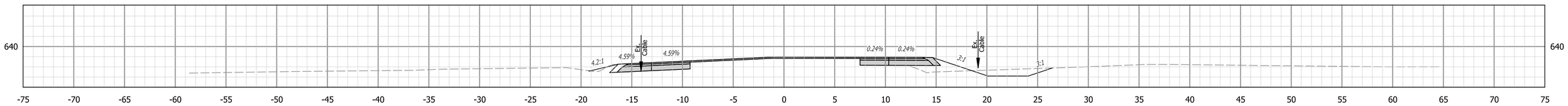


871+75.00

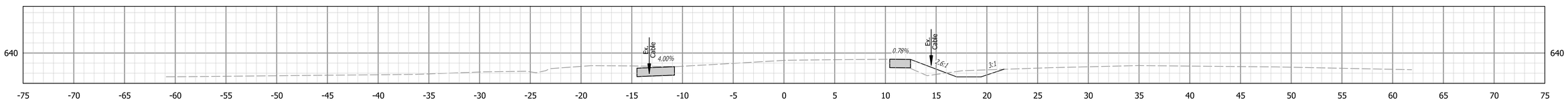
Begin Construction
Sta. 871+61.14 "S-SR42-HMA"



871+50.00

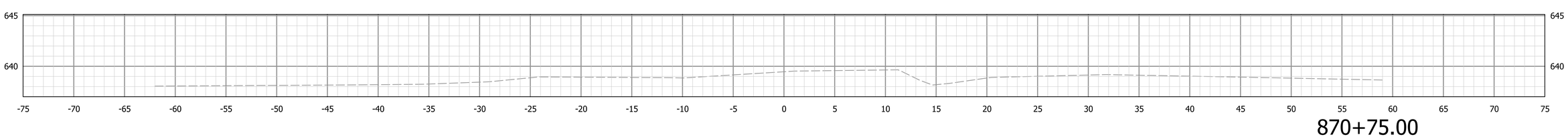


871+25.00



871+00.00

Begin Incidental Construction
Sta. 870+85.00 "S-SR42-HMA"



870+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

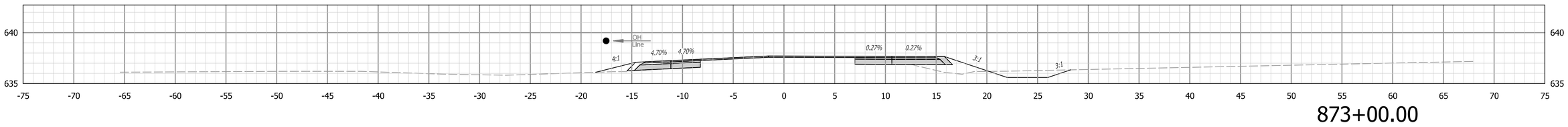
CROSS SECTIONS
CURVE SW2 (PI 872+24)

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VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

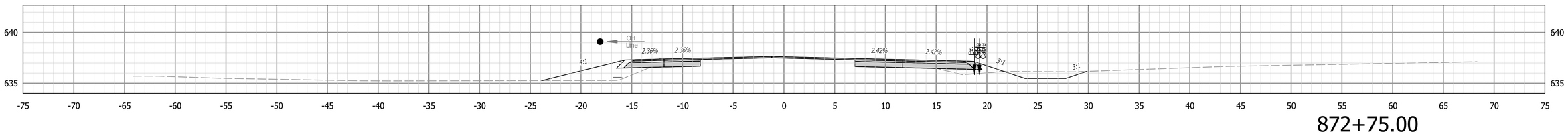
SURVEY BOOK			
ELECTRONIC	74	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:20:31 PM

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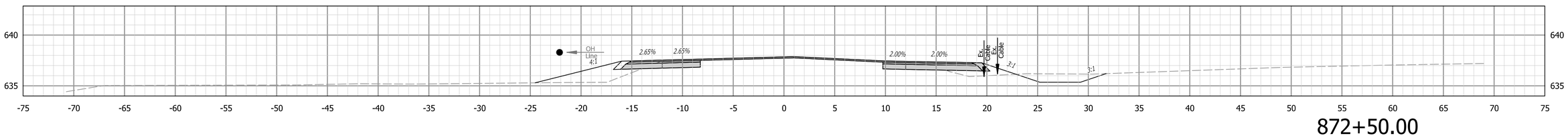


873+00.00

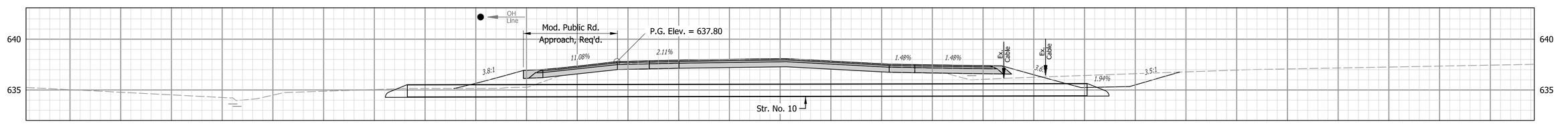


872+75.00

End Construction
Sta. 872+68.03 "S-SR42-HMA"

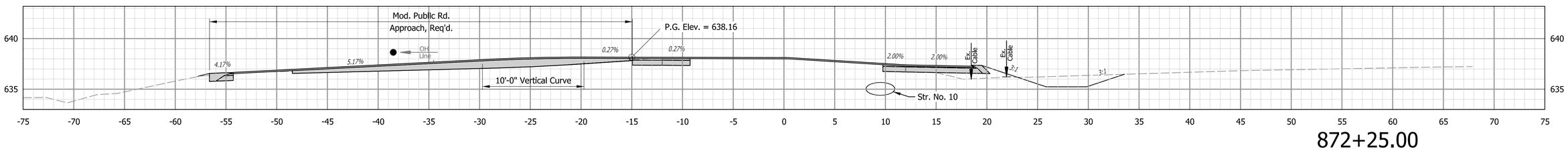


872+50.00

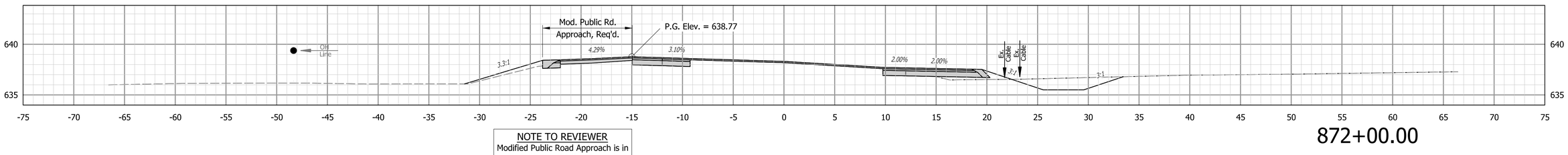


RANGE PROFILE: 872+29.67

NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.



872+25.00



872+00.00

NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

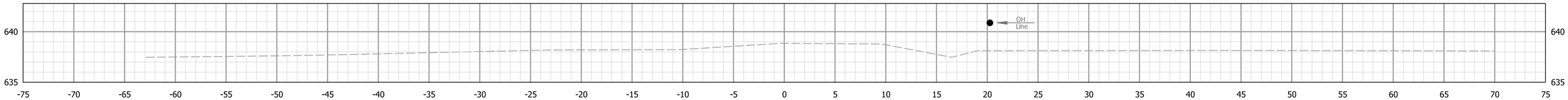
CROSS SECTIONS
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	75	of	108
CONTRACT	PROJECT		
R-45322	2200184		

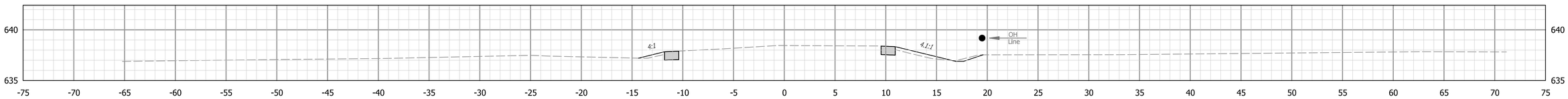
Plot: 3/14/2025 2:20:37 PM

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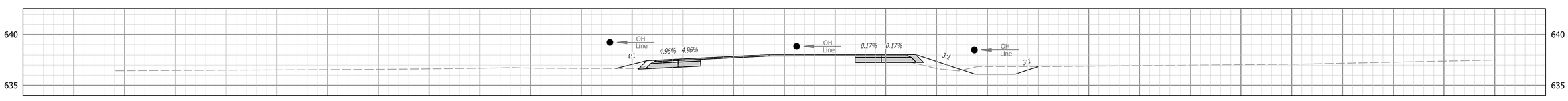


873+75.00

End Incidental Construction
Sta. 873+55.00 "S-SR42-HMA"



873+50.00



873+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

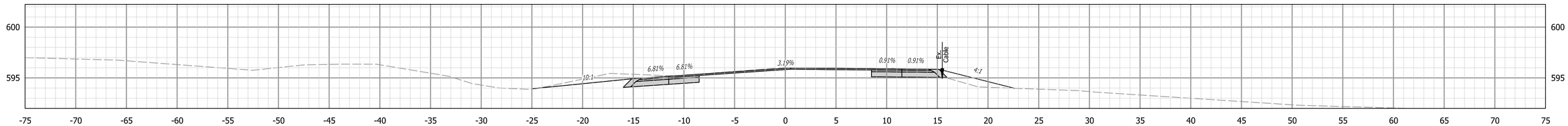
CROSS SECTIONS
CURVE SW2 (PI 872+24)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

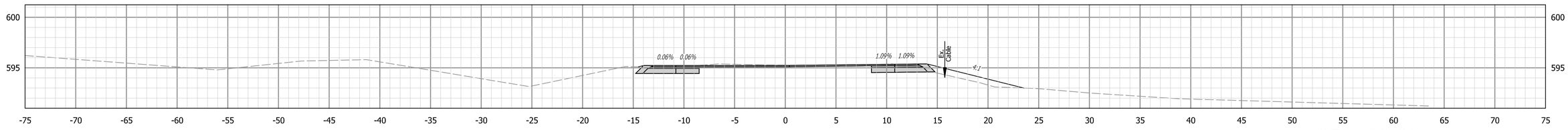
SURVEY BOOK			
ELECTRONIC	76	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:20:41 PM

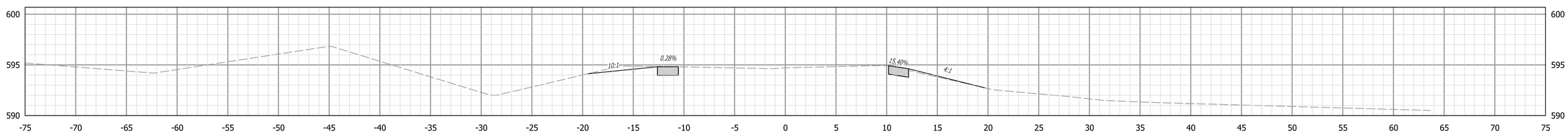
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959+25.00

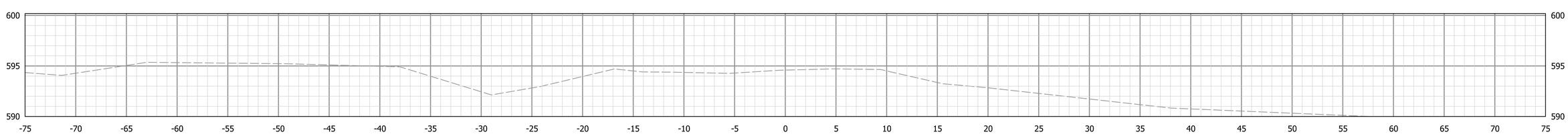


959+00.00



958+75.00

Begin Incidental Construction
Sta. 958+65.21 "S-SR42-HMA"



958+50.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

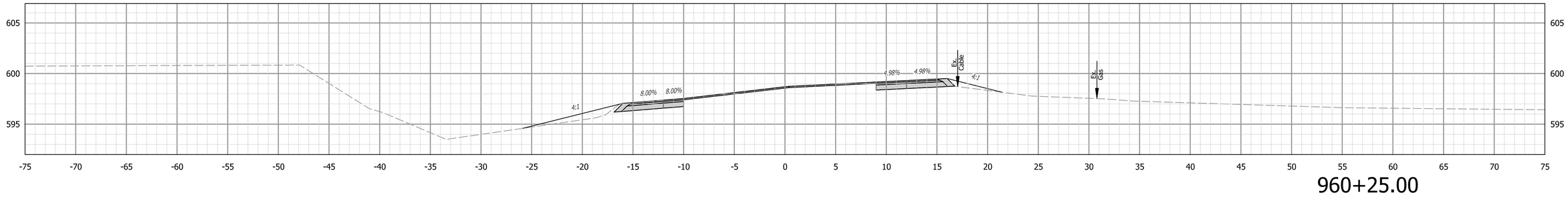
CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

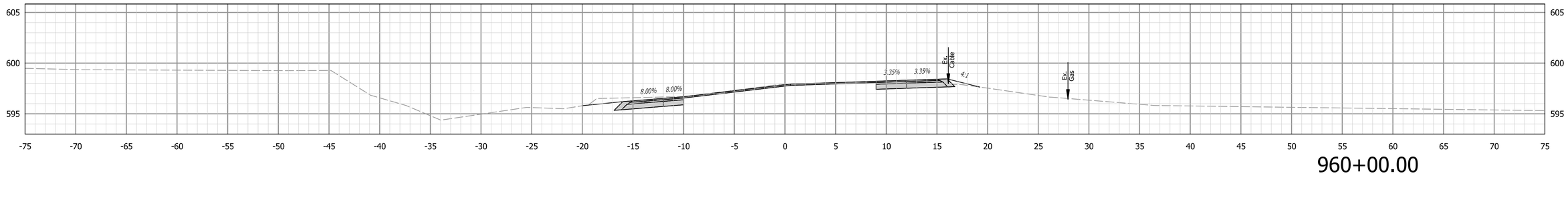
SURVEY BOOK			
ELECTRONIC	77	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:20:50 PM

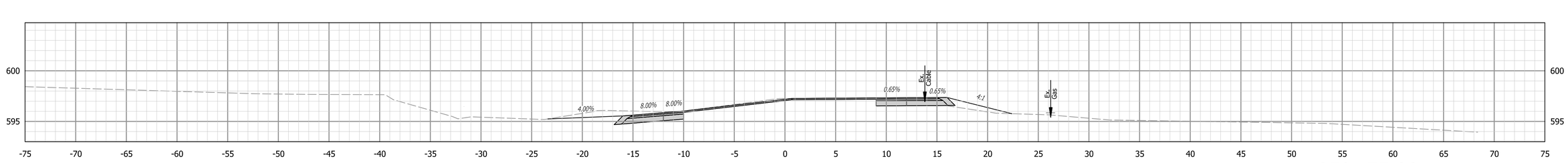
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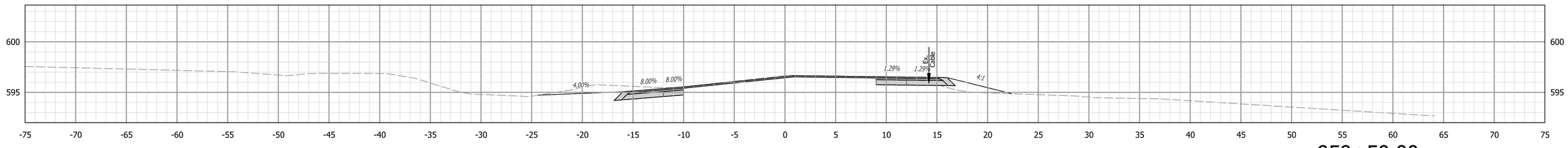
960+25.00



960+00.00



959+75.00



959+50.00

Begin Construction
Sta. 959+43.07 "S-SR42-HMA"

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

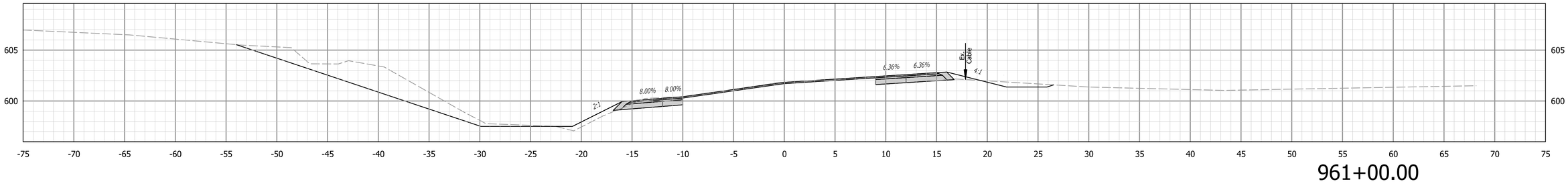
CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

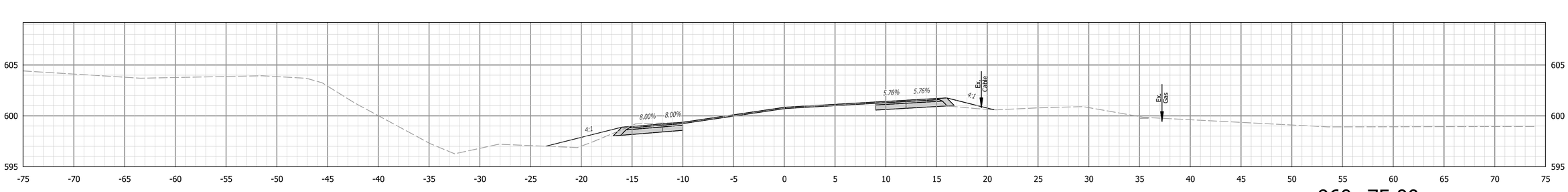
SURVEY BOOK			
ELECTRONIC	78	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:20:57 PM

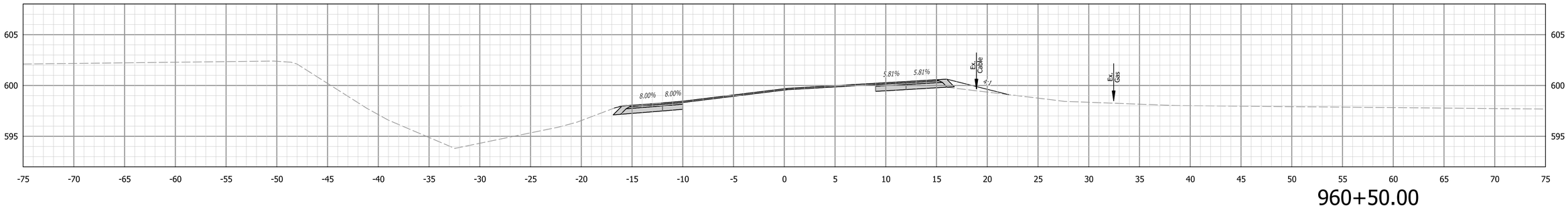
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Model: S-SR42-HMA - 959+50.00 [Sheet]



961+00.00



960+75.00



960+50.00

Plot: 3/14/2025 2:21:03 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

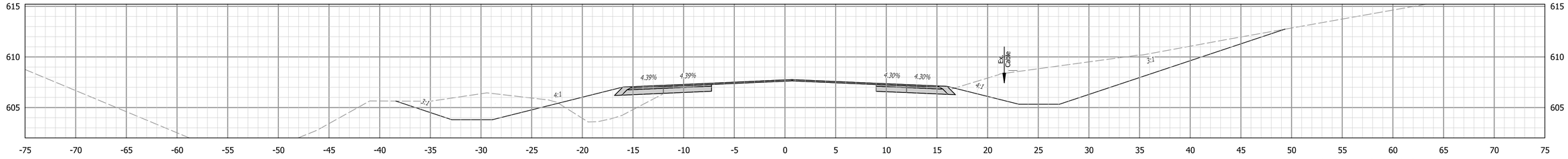
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

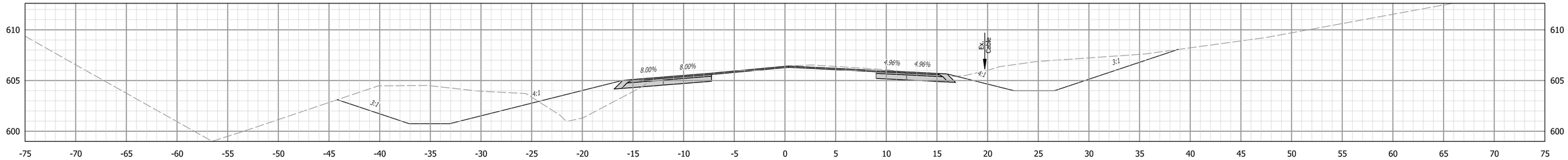
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	79	of	108
CONTRACT	PROJECT		
R-45322	2200184		

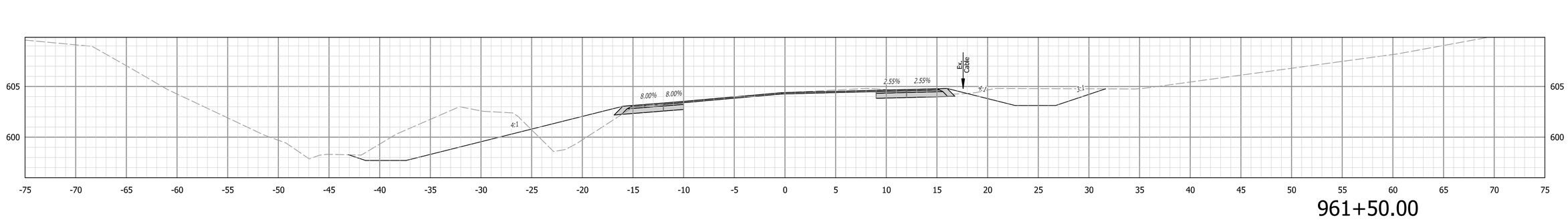
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Model: S-SR42-HMA - 960+50.00 [Sheet]



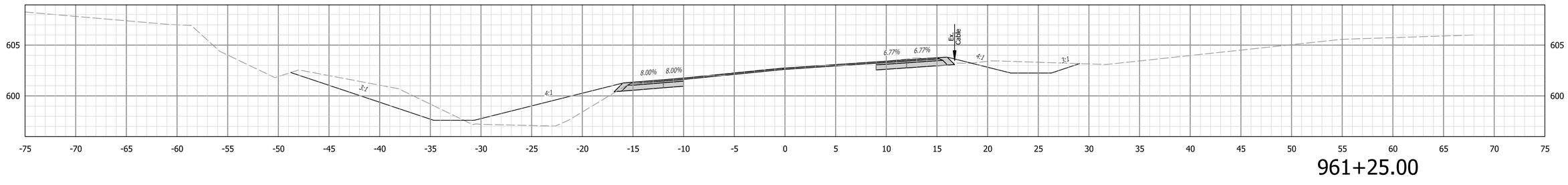
962+00.00



961+75.00



961+50.00



961+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

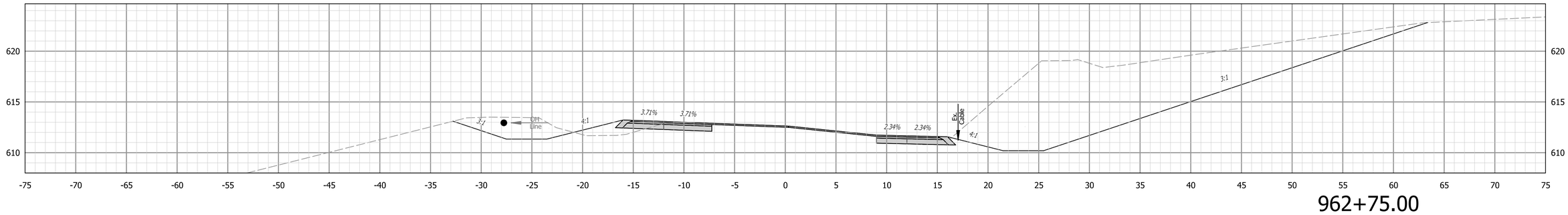
CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

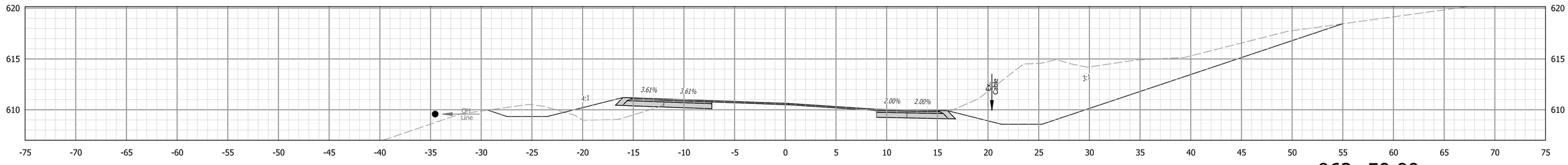
SURVEY BOOK			
ELECTRONIC	80	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:21:15 PM

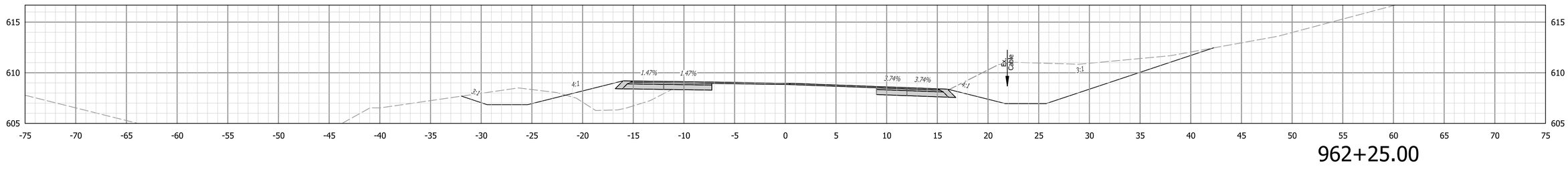
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Model: S-SR42-HMA - 961+25.00 [Sheet]



962+75.00



962+50.00



962+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

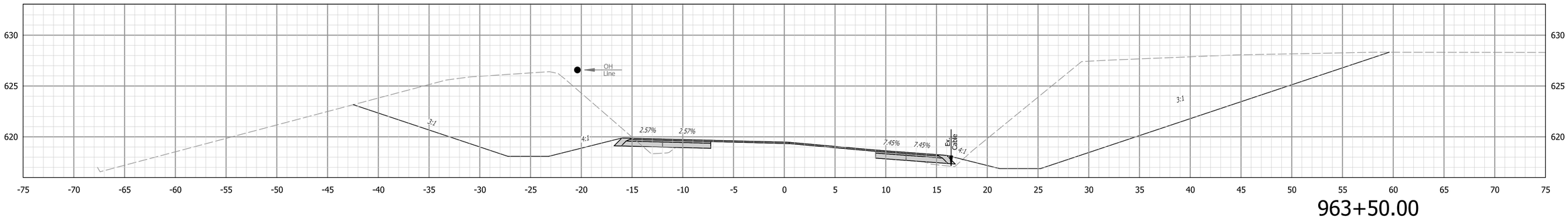
CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

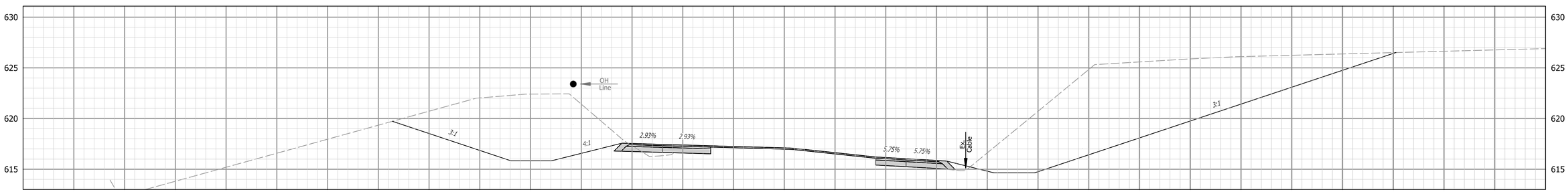
SURVEY BOOK			
ELECTRONIC	81	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:21:22 PM

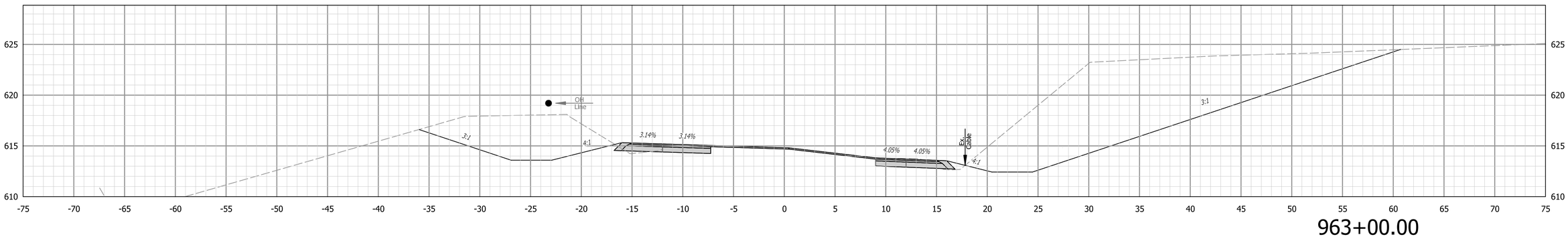
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Model: S-SR42-HMA - 962+25.00 [Sheet]



963+50.00



963+25.00



963+00.00

Plot: 3/14/2025 2:21:29 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

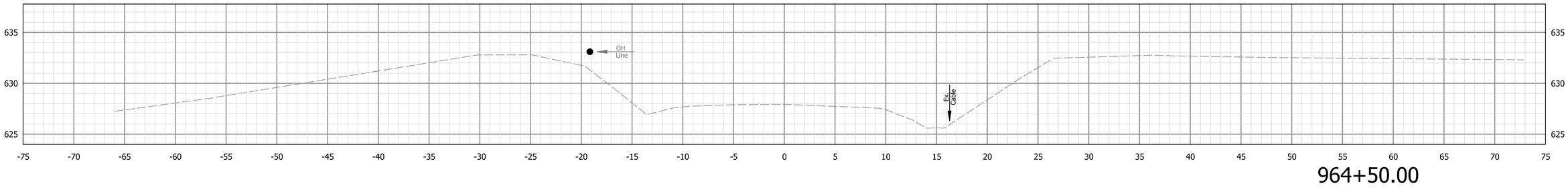
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

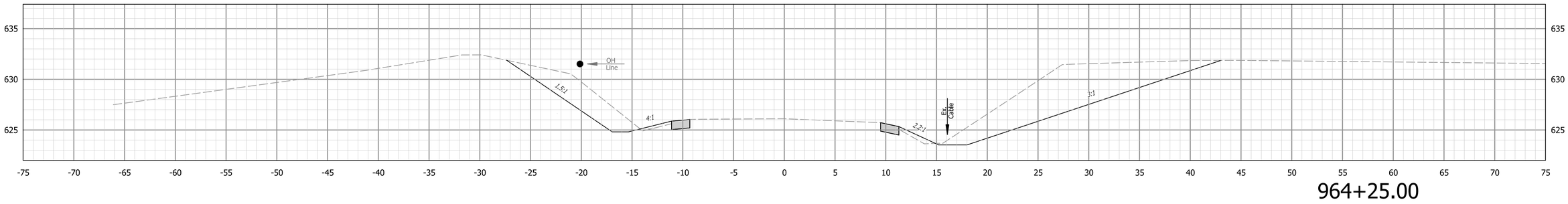
SURVEY BOOK			
ELECTRONIC	82	of	108
CONTRACT	PROJECT		
R-45322	2200184		

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_XS_Curves_96042-96272.dgn
Model: S-SR42-HMA - 963+00.00 [Sheet]

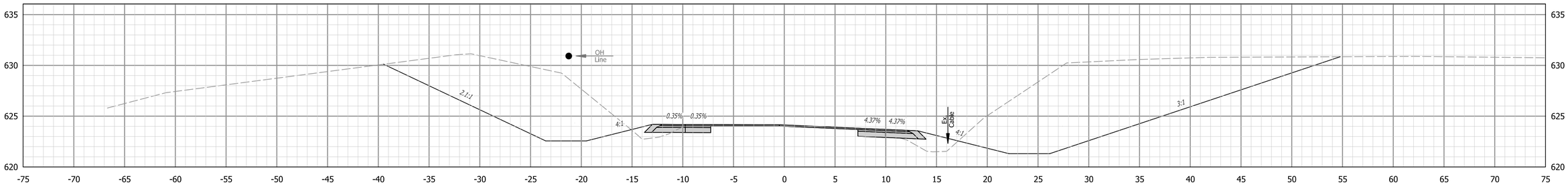


964+50.00

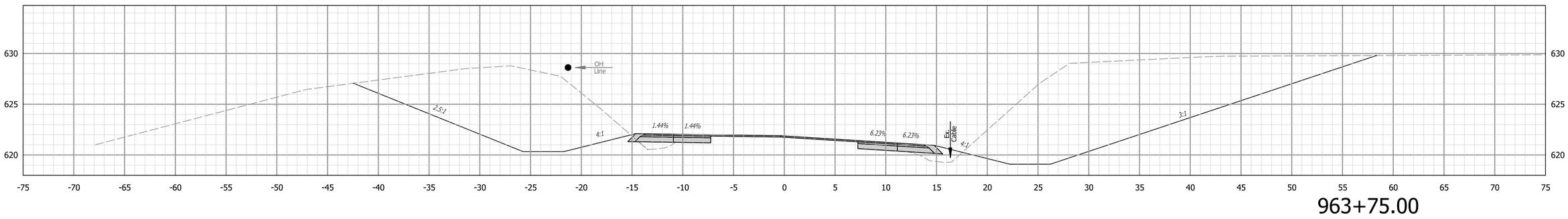
End Construction
Sta. 964+31.00 "S-SR42-HMA"



964+25.00



964+00.00



963+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

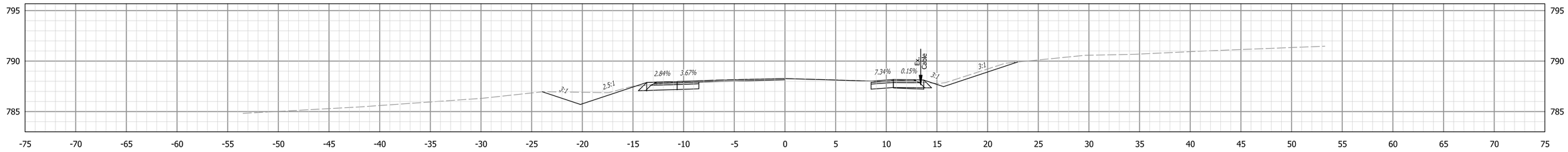
CROSS SECTIONS
CURVE SW3 (PI 960+42 AND PI 962+72)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	83	of	108
CONTRACT	PROJECT		
R-45322	2200184		

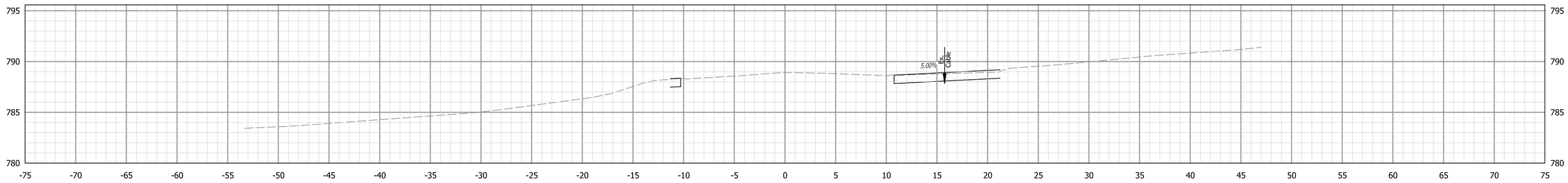
Plot: 3/14/2025 2:21:33 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_XS_Curves_96042-96272.dgn
Model: S-SR42-HMA - 963+75.00 [Sheet]

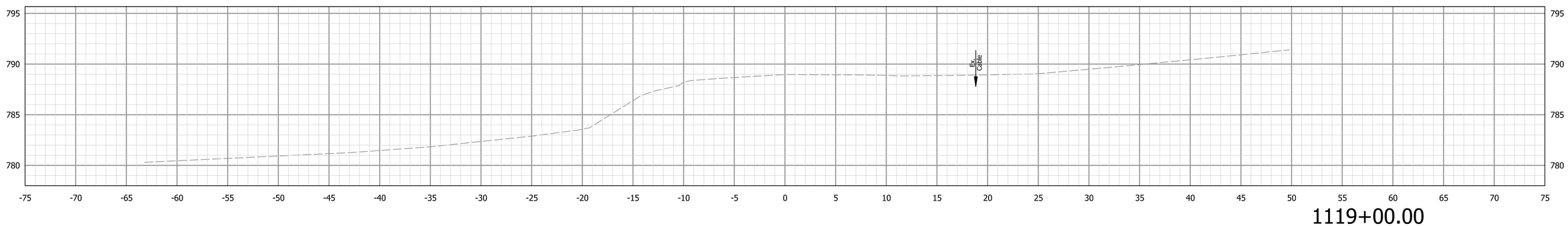


1119+50.00

Begin Construction
Sta. 1119+24.00 "S-SR42-HMA"



1119+25.00



1119+00.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

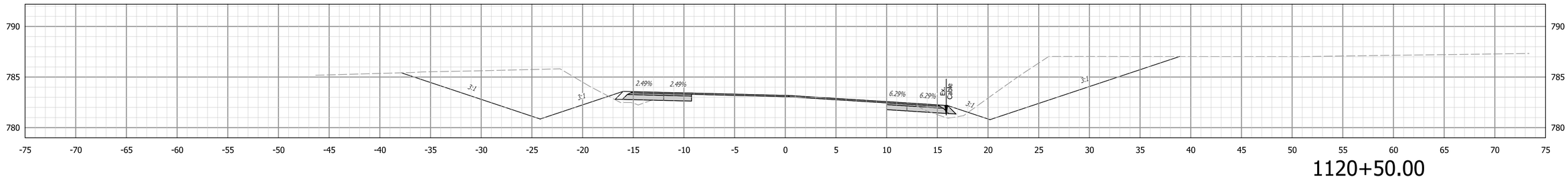
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

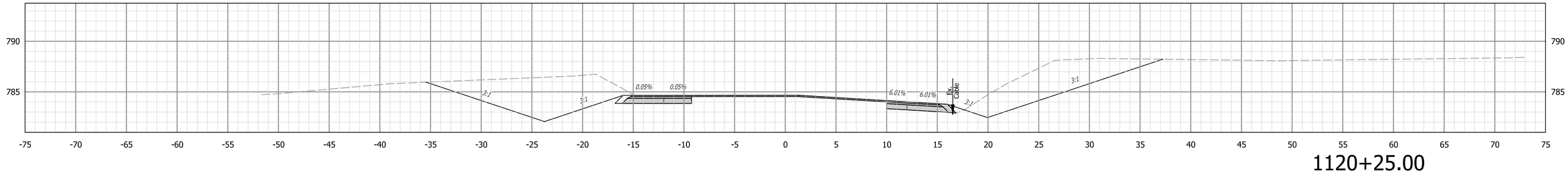
SURVEY BOOK			
ELECTRONIC	84	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:21:43 PM

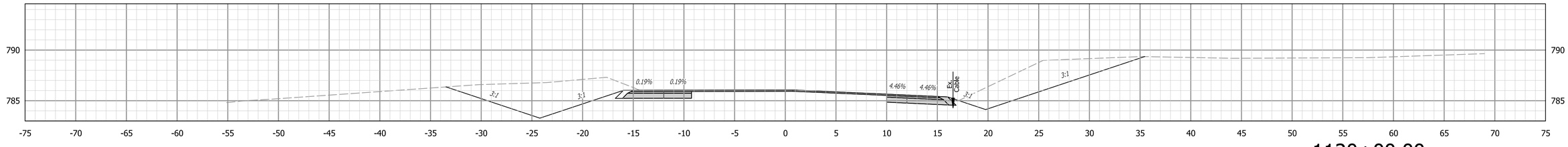
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Model: S-SR42-HMA - 1119+00.00 [Sheet]



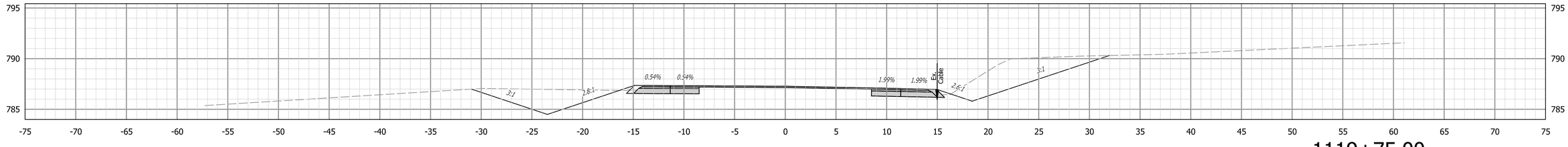
1120+50.00



1120+25.00



1120+00.00



1119+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

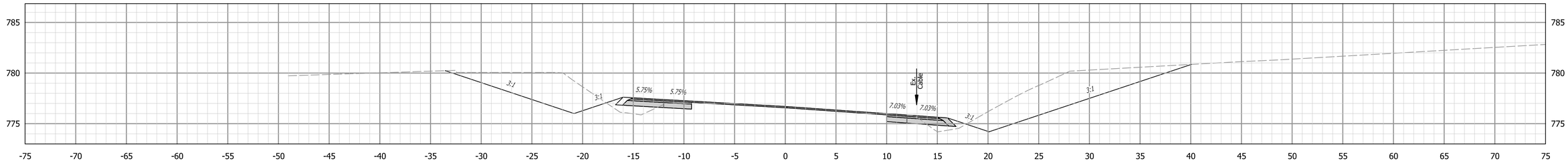
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

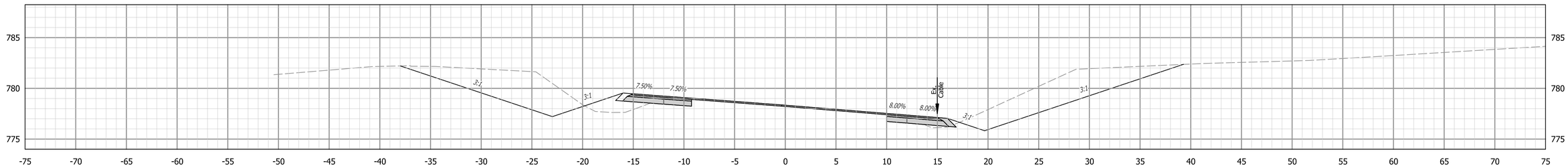
SURVEY BOOK			
ELECTRONIC	85	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:21:49 PM

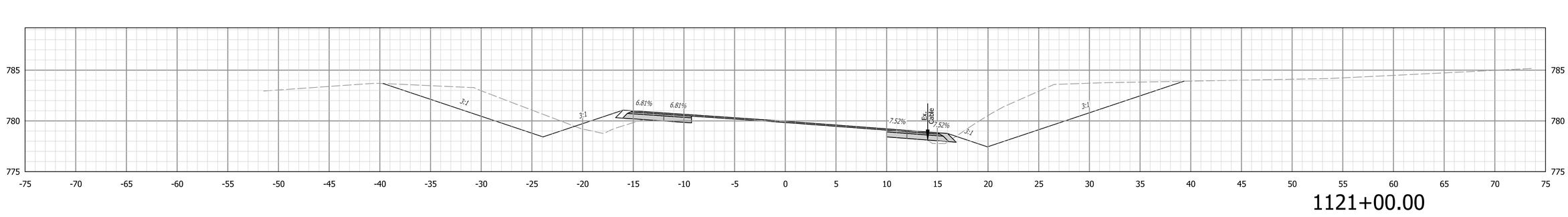
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_XS_Curves_112105-112668.dgn
Model: S-SR42-HMA - 1119+75.00 [Sheet]



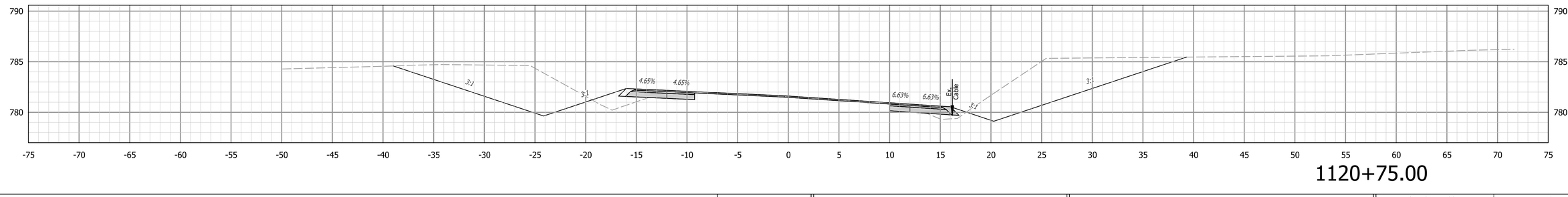
1121+50.00



1121+25.00



1121+00.00



1120+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

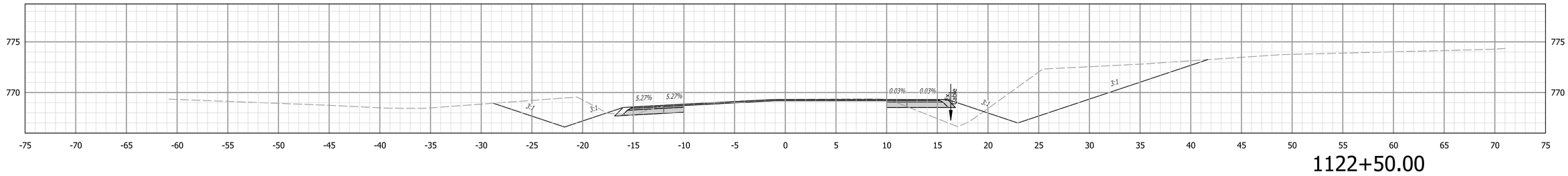
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

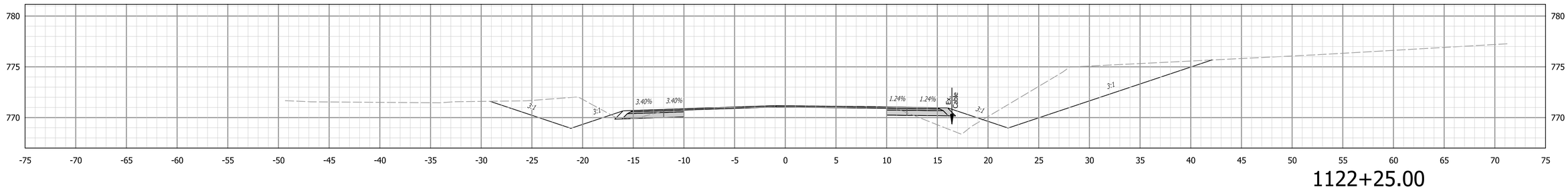
SURVEY BOOK			
ELECTRONIC	86	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:21:56 PM

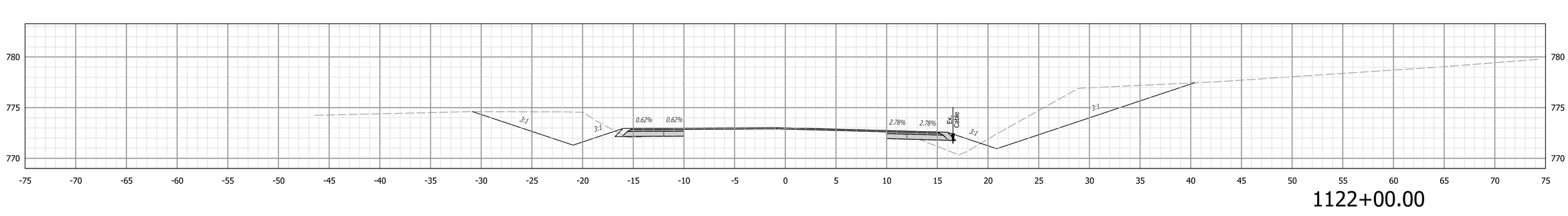
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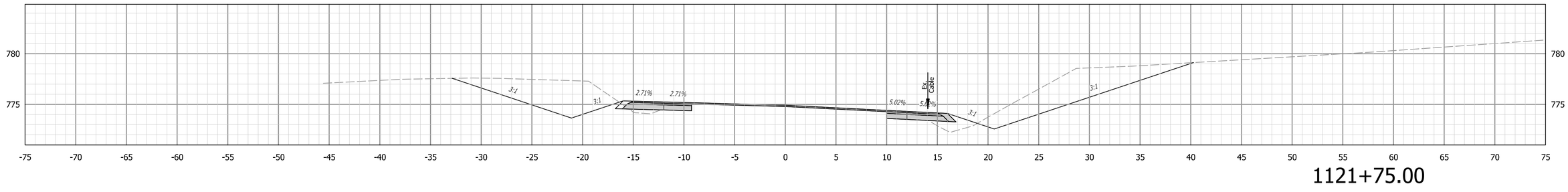
1122+50.00



1122+25.00



1122+00.00



1121+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

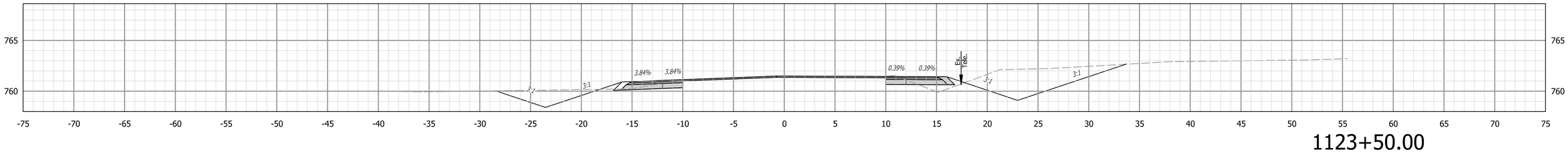
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

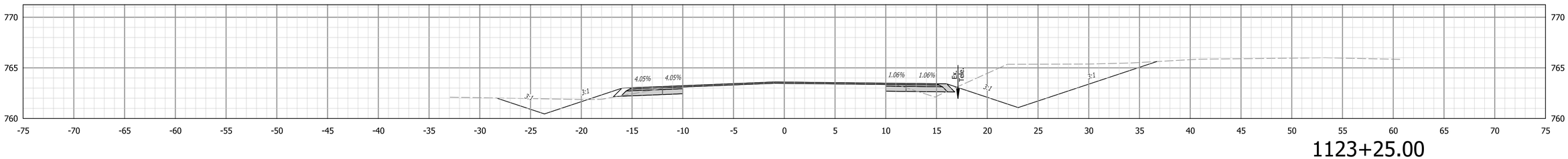
SURVEY BOOK			
ELECTRONIC	87	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:04 PM

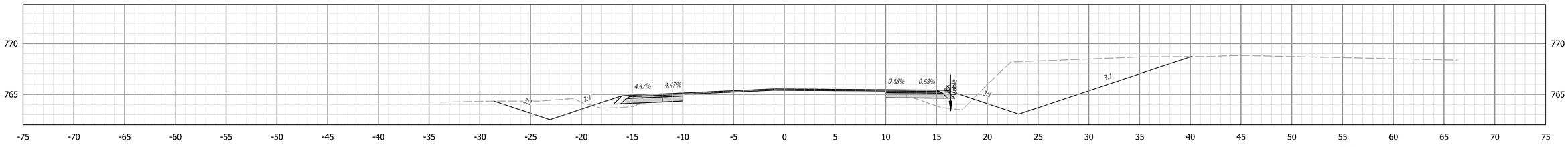
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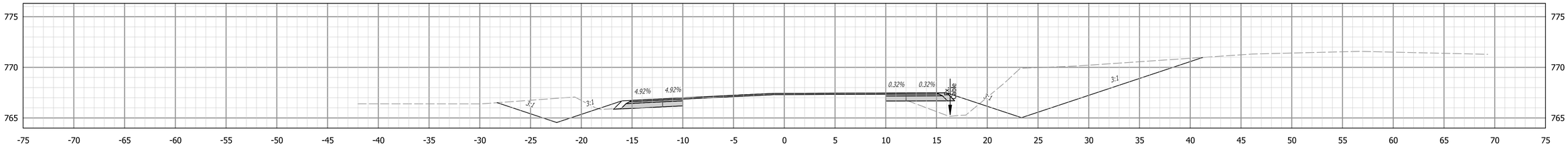
1123+50.00



1123+25.00



1123+00.00



1122+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

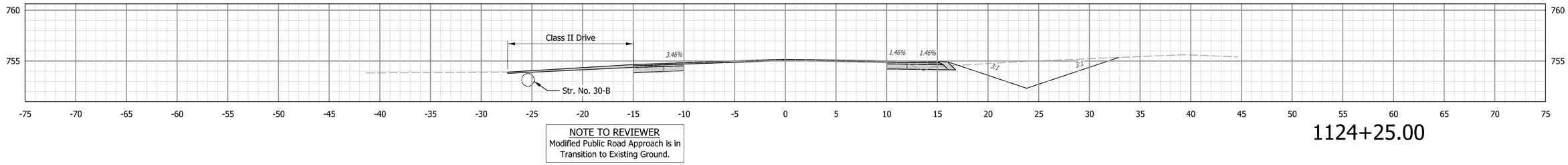
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	88	of	108
CONTRACT	PROJECT		
R-45322	2200184		

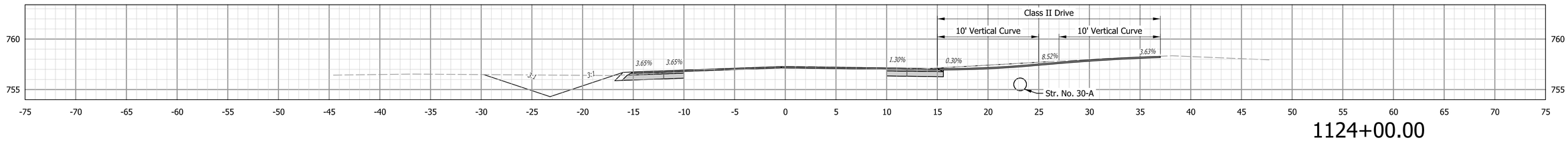
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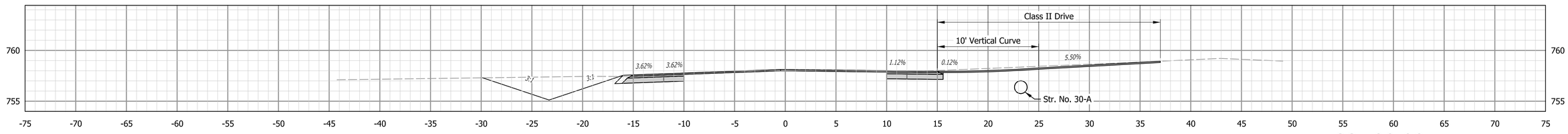


NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.

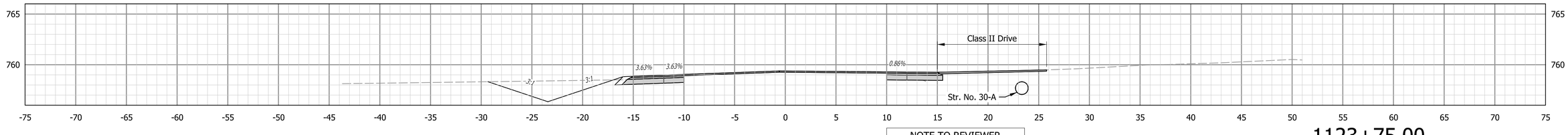
1124+25.00



1124+00.00



1123+90.00



NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.

1123+75.00

Plot: 3/14/2025 2:22:19 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

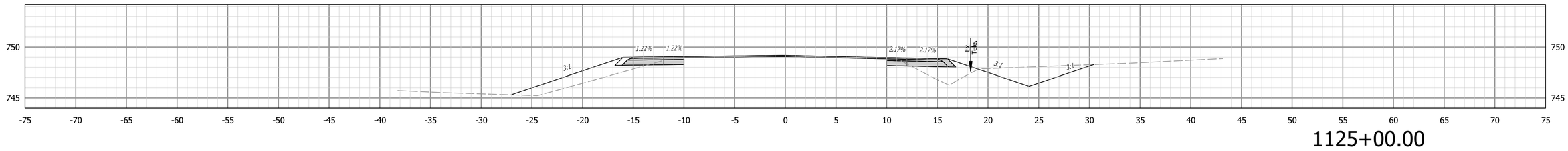
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

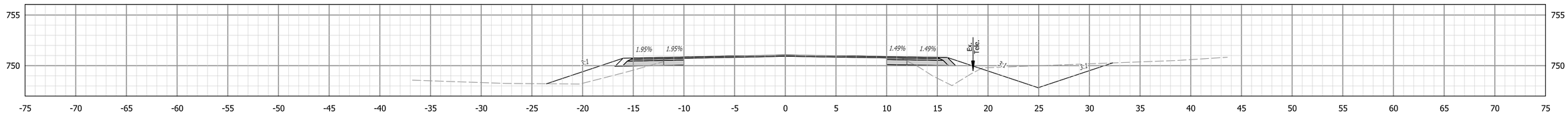
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	89	of	108
CONTRACT	PROJECT		
R-45322	2200184		

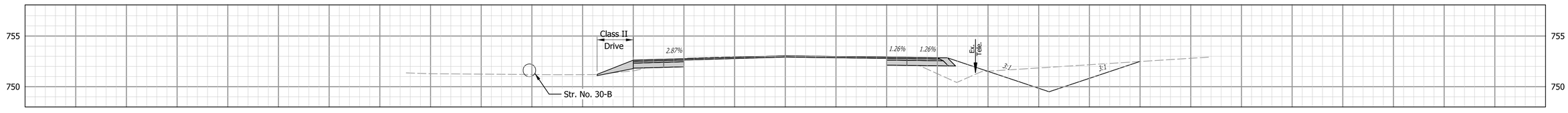
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1125+00.00

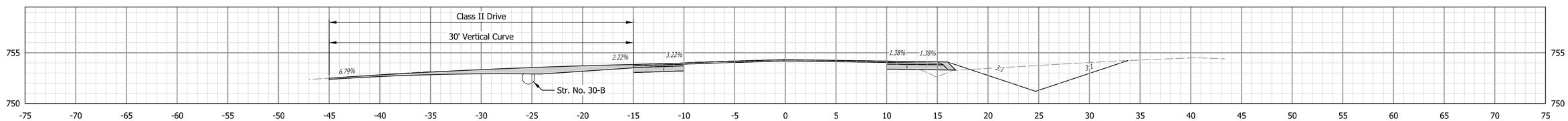


1124+75.00



1124+50.00

NOTE TO REVIEWER
Modified Public Road Approach is in Transition to Existing Ground.



1124+35.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

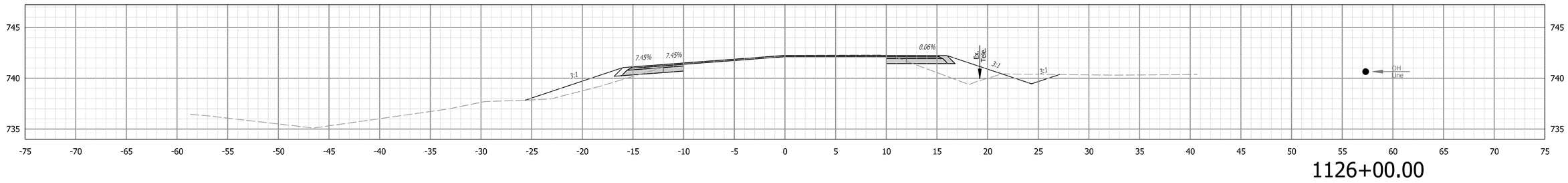
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

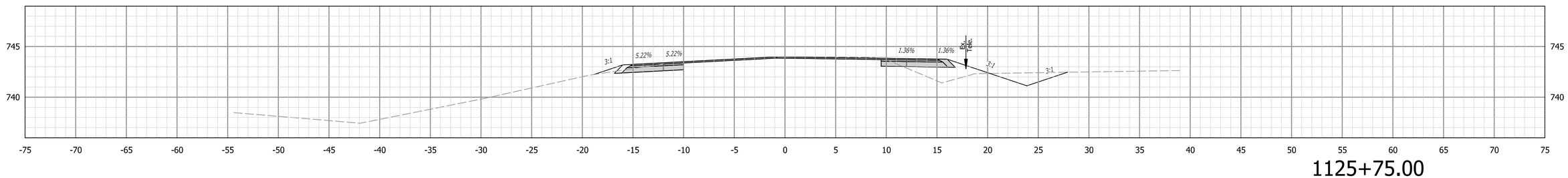
SURVEY BOOK			
ELECTRONIC	90	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:28 PM

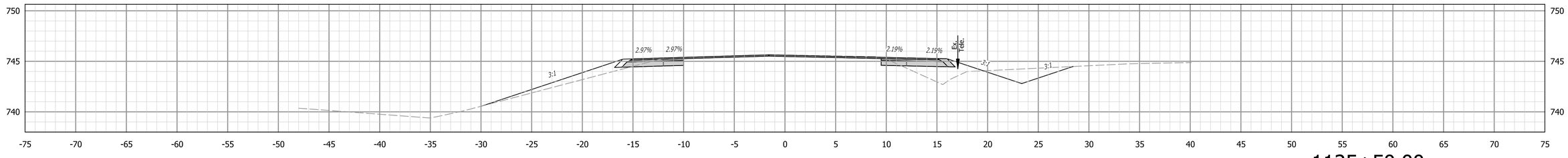
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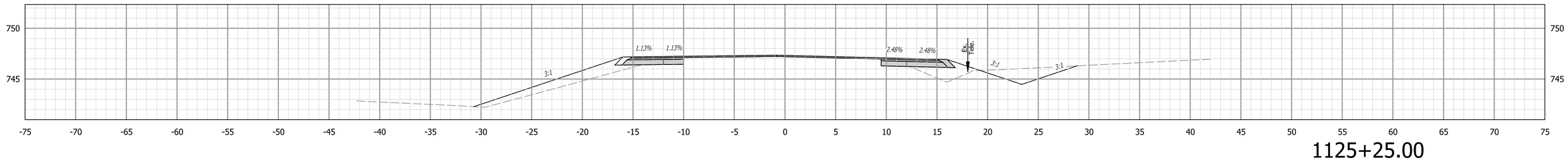
1126+00.00



1125+75.00



1125+50.00



1125+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

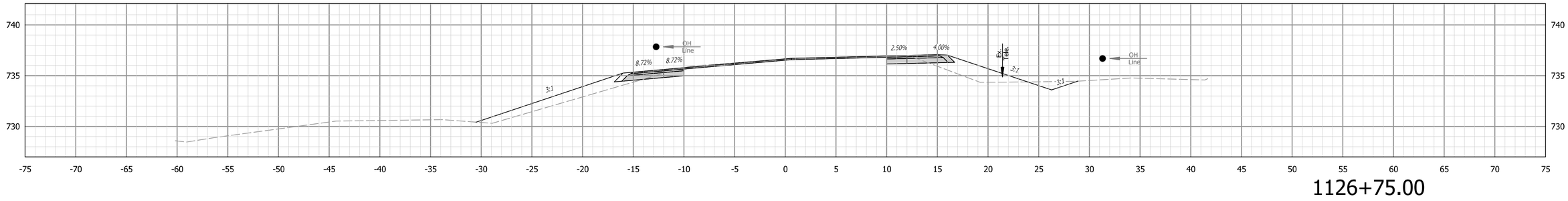
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

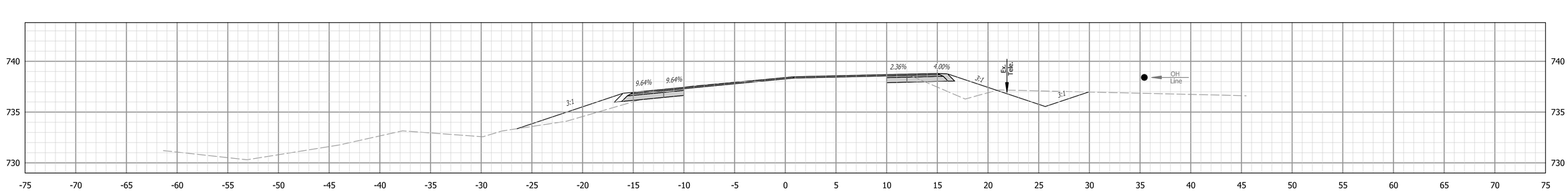
SURVEY BOOK			
ELECTRONIC	91	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:37 PM

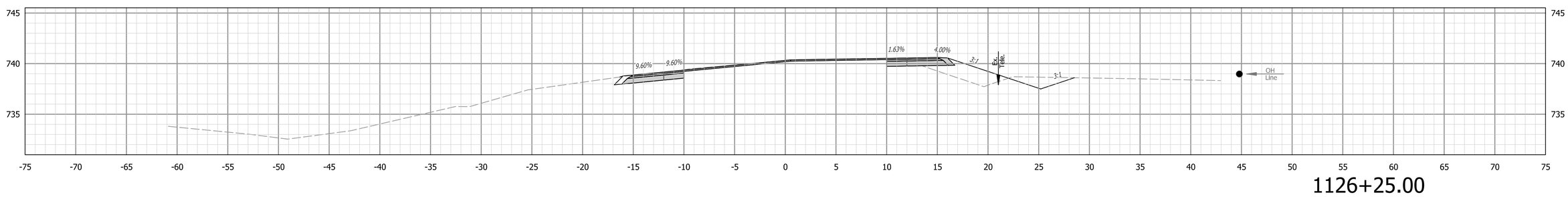
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1126+75.00



1126+50.00



1126+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

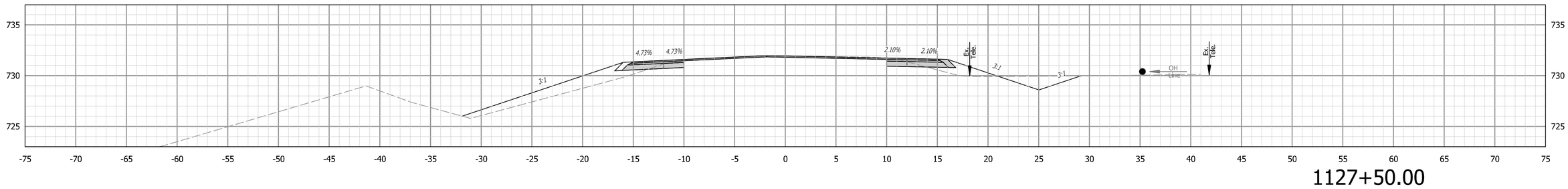
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

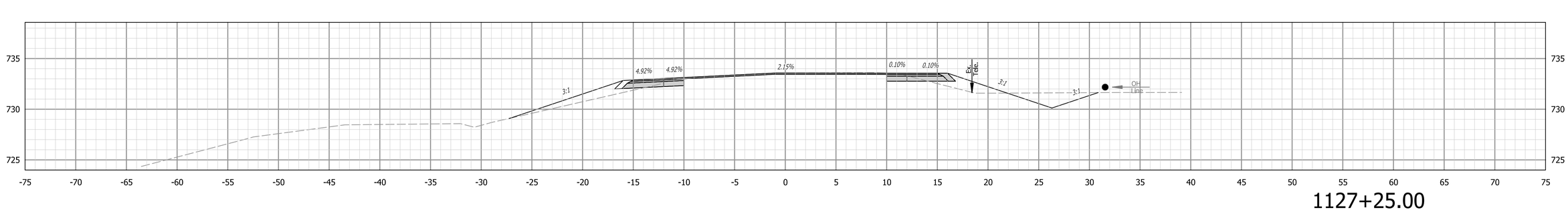
SURVEY BOOK			
ELECTRONIC	92	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:43 PM

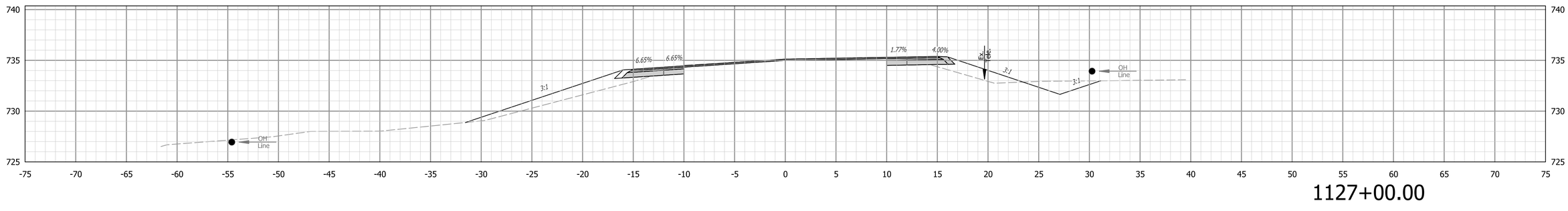
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1127+50.00



1127+25.00



1127+00.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

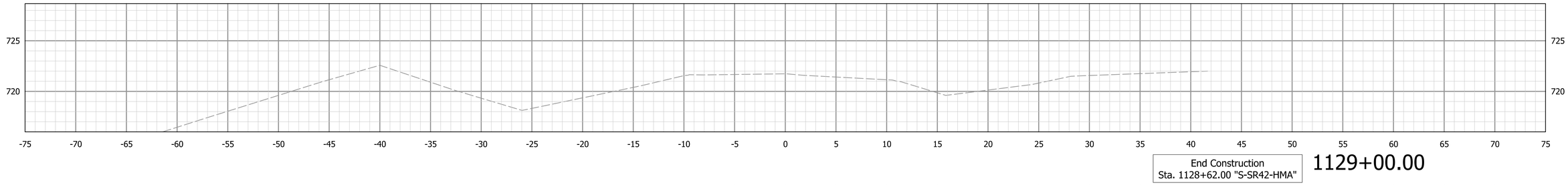
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

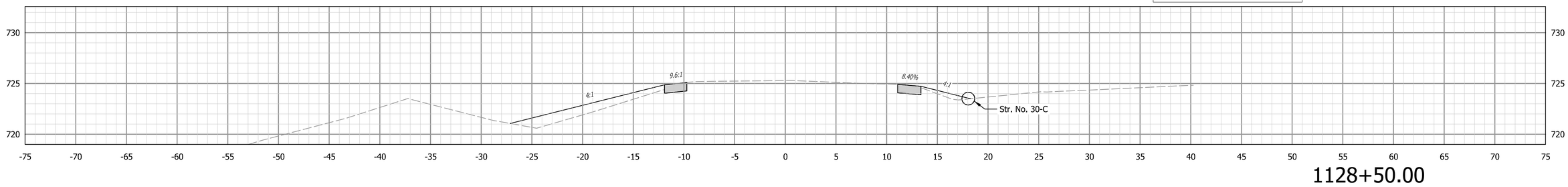
SURVEY BOOK			
ELECTRONIC	93	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:50 PM

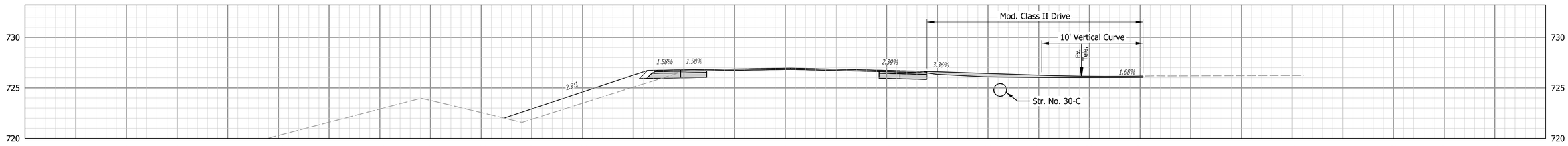
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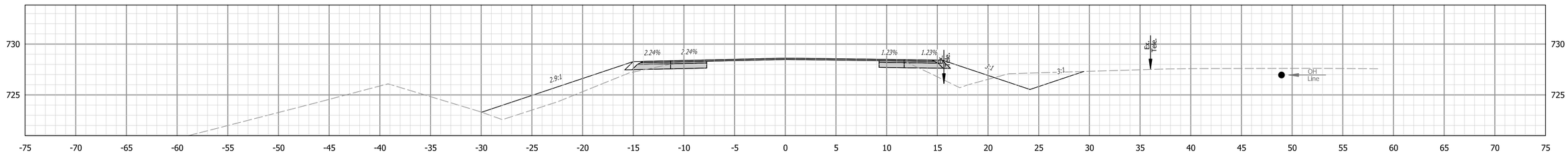
1129+00.00



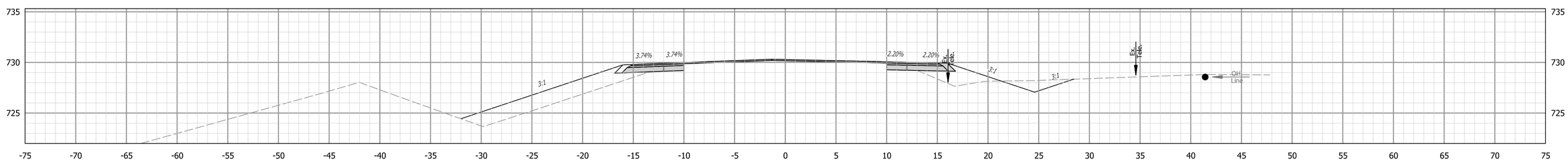
1128+50.00



1128+25.00



1128+00.00



1127+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

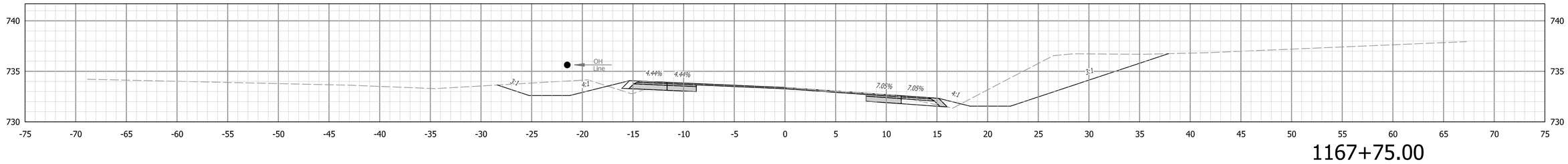
CROSS SECTIONS
CURVE SW4 (PI 1121+05 AND PI 1126+68)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

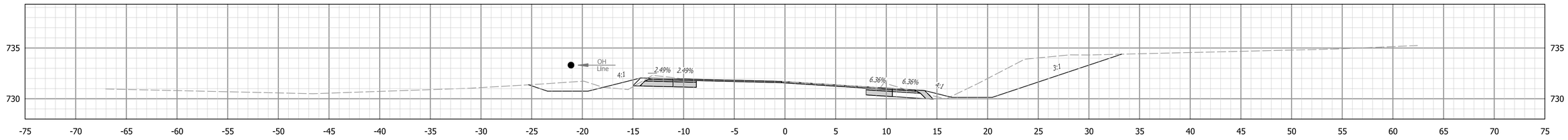
SURVEY BOOK			
ELECTRONIC	94	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:22:58 PM

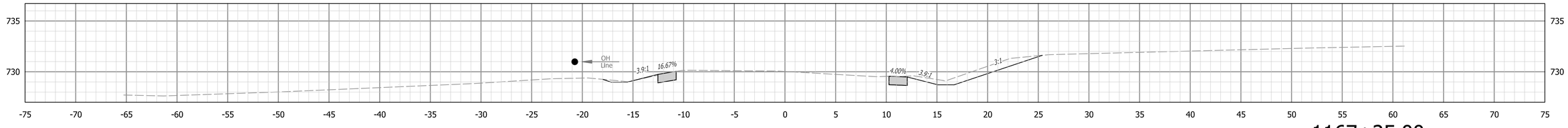
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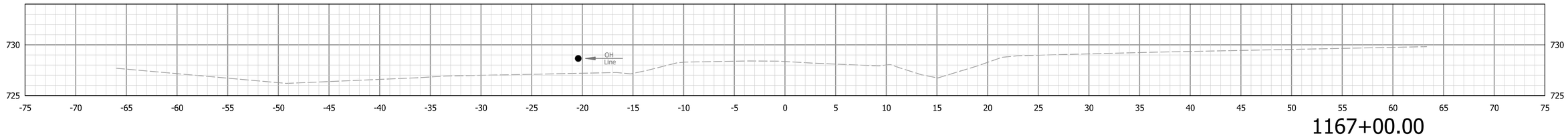
1167+75.00



1167+50.00



1167+25.00



1167+00.00

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

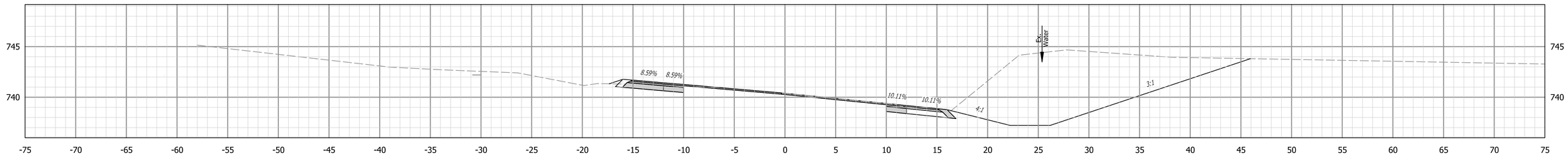
CROSS SECTIONS
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

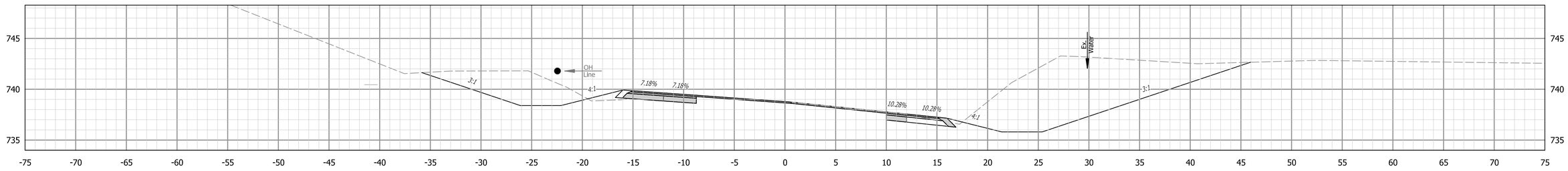
SURVEY BOOK			
ELECTRONIC	95	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:08 PM

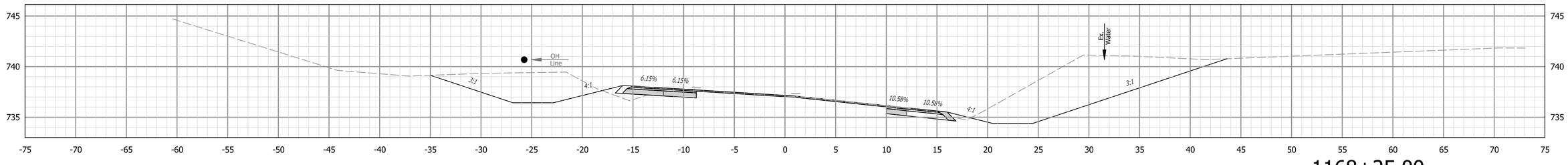
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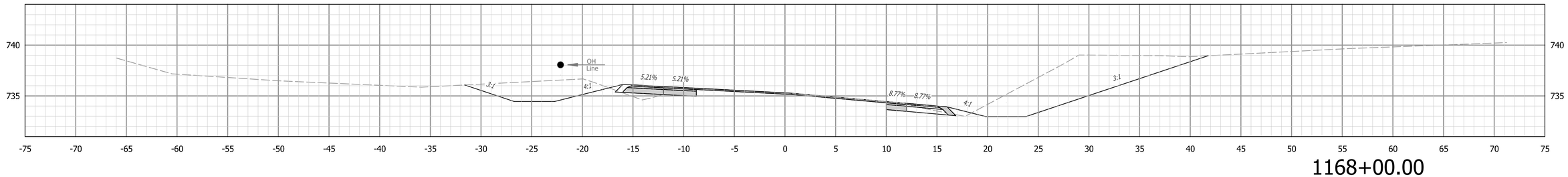
1168+75.00



1168+50.00



1168+25.00



1168+00.00

Plot: 3/14/2025 2:23:15 PM

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

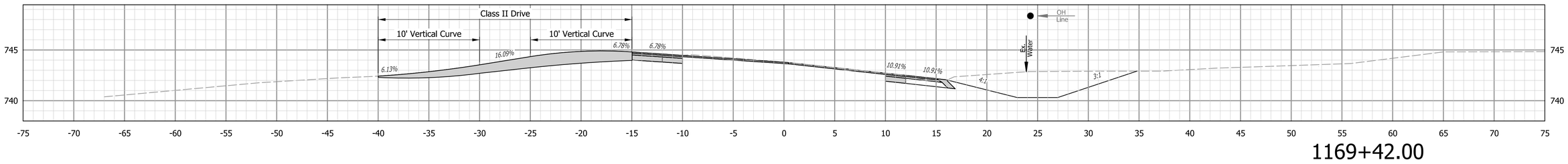
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW5 (PI 1169+00)

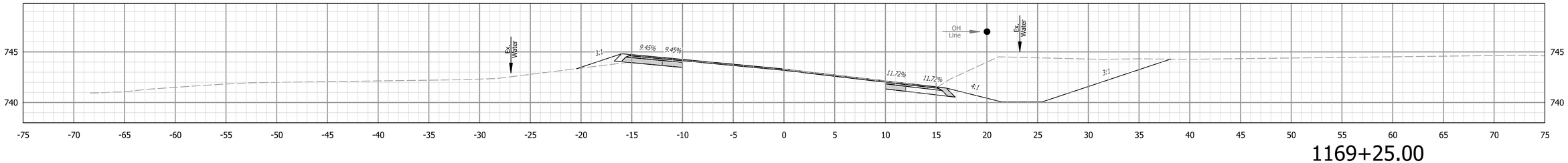
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	96	of	108
CONTRACT	PROJECT		
R-45322	2200184		

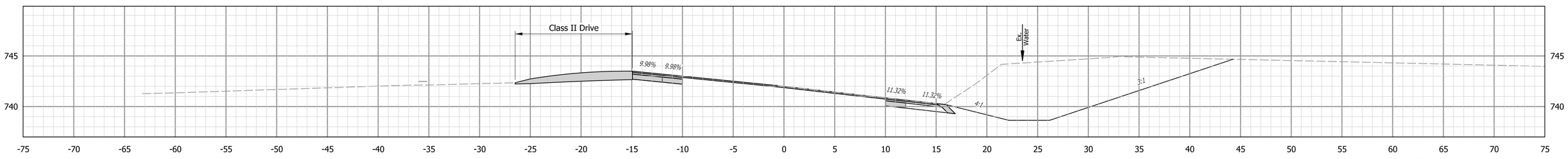
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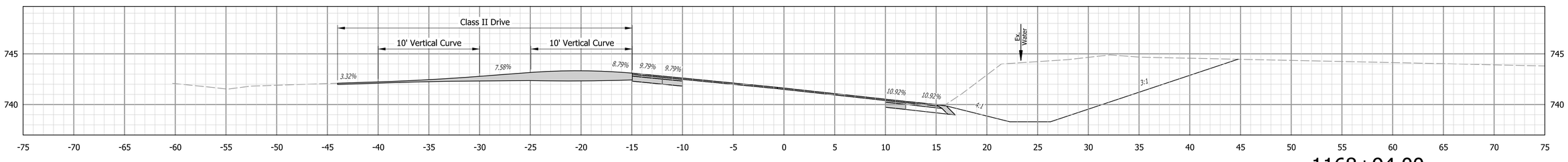
1169+42.00



1169+25.00



1169+00.00



1168+94.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

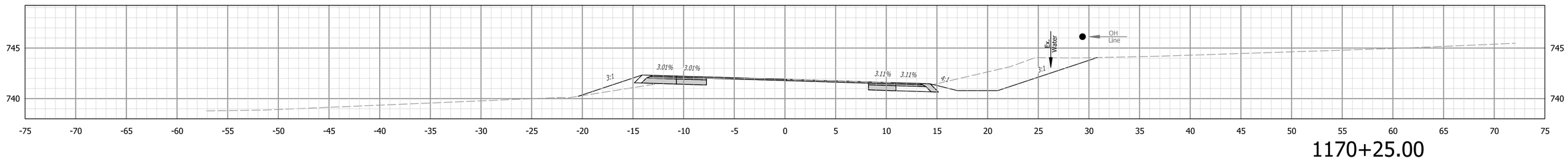
CROSS SECTIONS
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

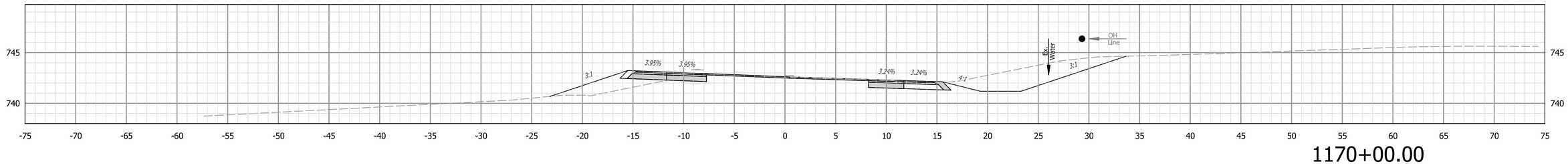
SURVEY BOOK			
ELECTRONIC	97	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:21 PM

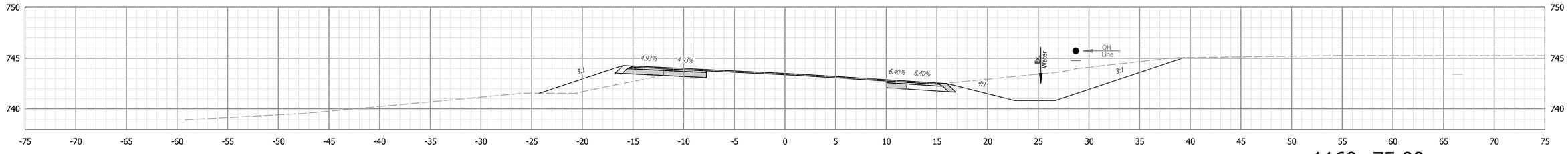
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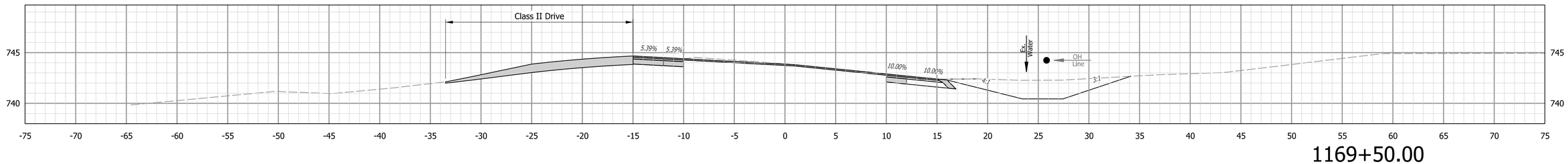
1170+25.00



1170+00.00



1169+75.00



1169+50.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

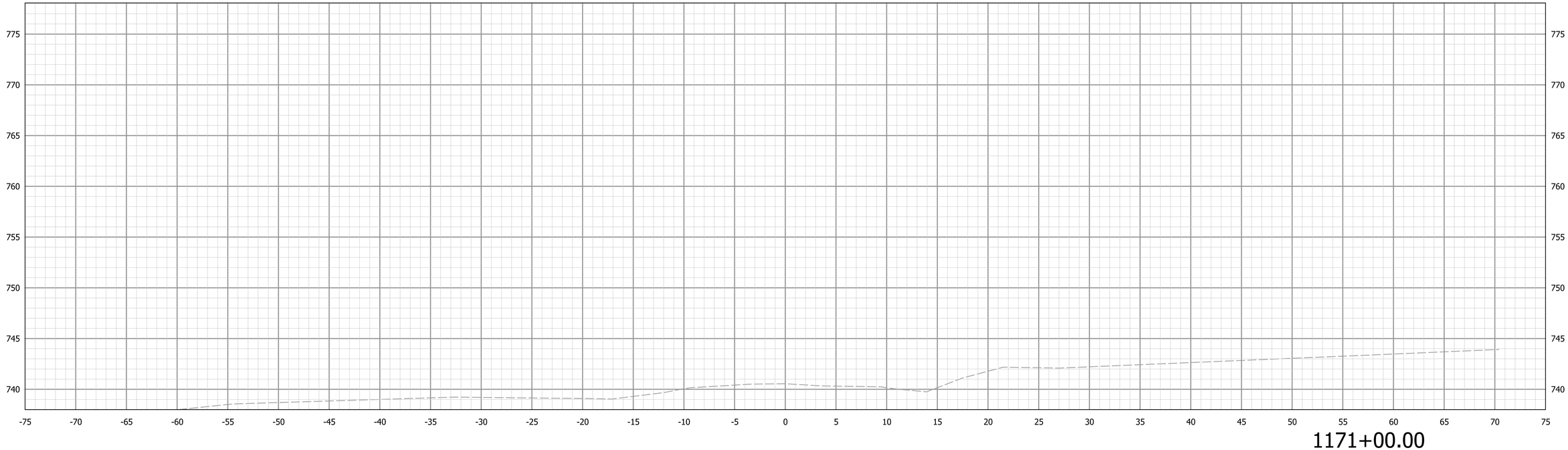
CROSS SECTIONS
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

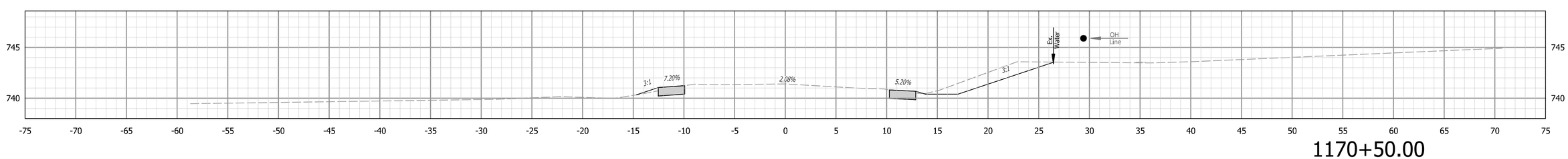
SURVEY BOOK			
ELECTRONIC	98	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:28 PM

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Model: S-SR42-HMA - 1169+50.00 [Sheet]



1171+00.00



1170+50.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

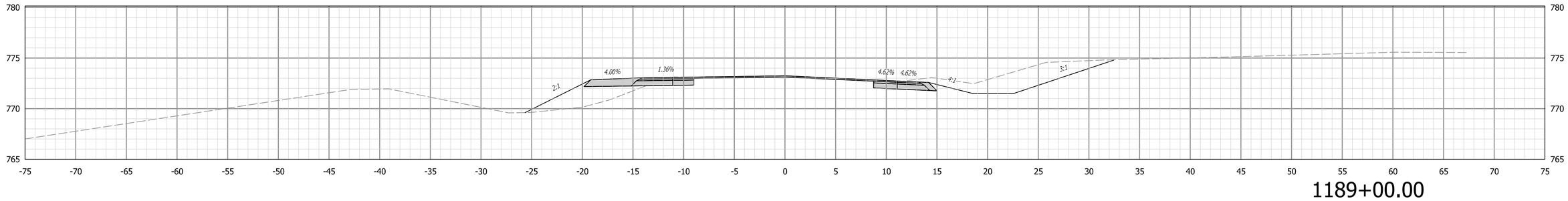
CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

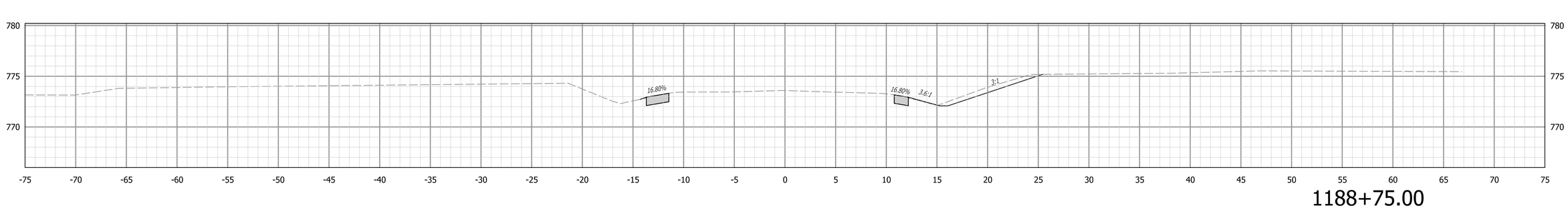
CROSS SECTIONS
CURVE SW5 (PI 1169+00)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184
SURVEY BOOK	
ELECTRONIC	99 of 108
CONTRACT	PROJECT
R-45322	2200184

Plot: 3/14/2025 2:23:30 PM
File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_XS_Curves_116900.dgn
Model: S-SR42-HMA - 1170+50.00 [Sheet]

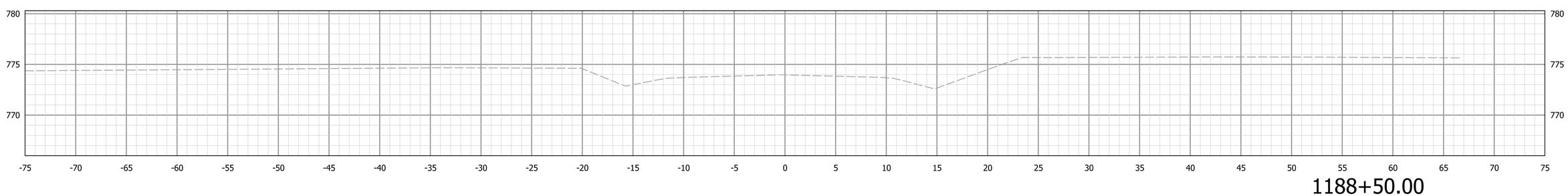


1189+00.00



1188+75.00

Begin Incidental Construction
Sta. 1188+69.53 "S-SR42-HMA"



1188+50.00

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

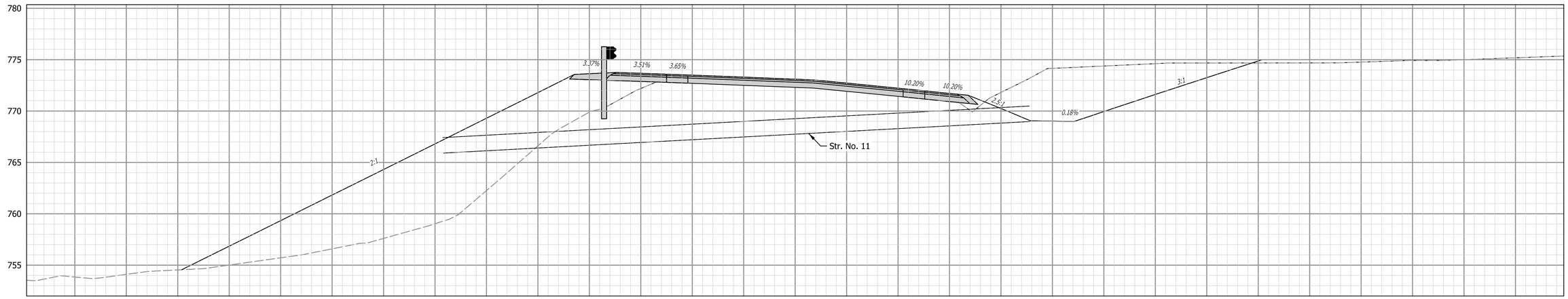
CROSS SECTIONS
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

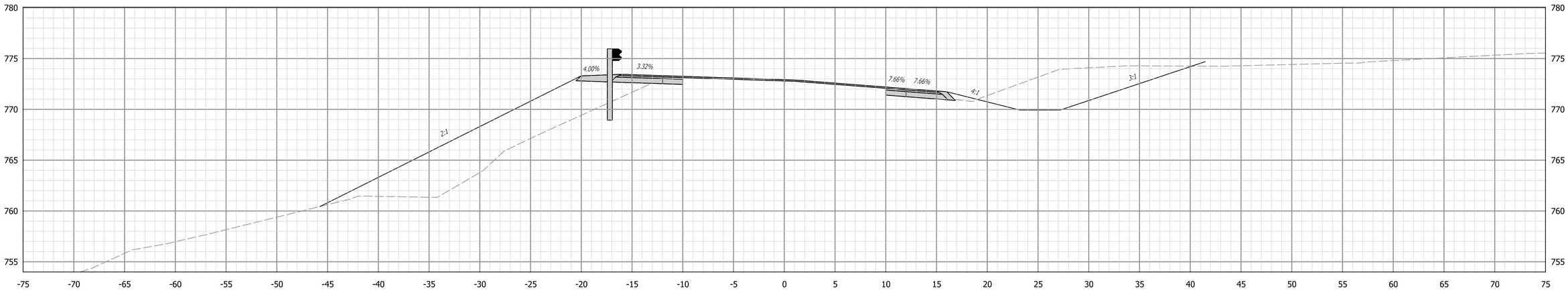
SURVEY BOOK			
ELECTRONIC	100	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:36 PM

File: H:\Projects\2021\Engineering\21EN034_SR_42_HMA_OVERLAY_SJCA\CAD\Sheets\21EN034_XS_Curves_119036.dgn
Model: S-SR42-HMA - 1188+50.00 [Sheet]

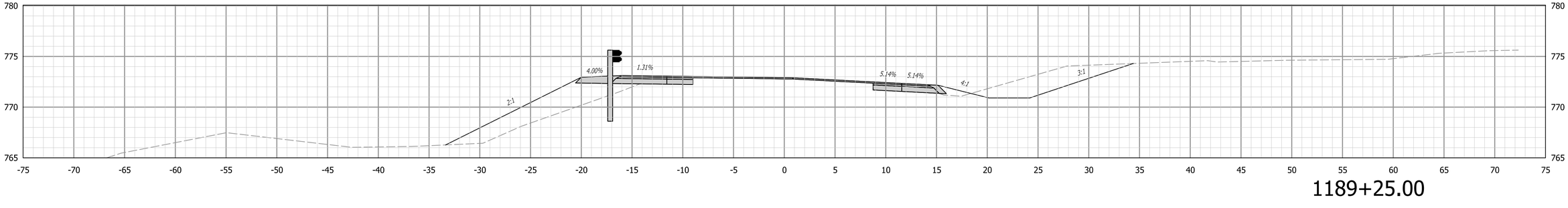


RANGE PROFILE: 1189+65.50



1189+50.00

Begin Construction
Sta. 1189+46.93 "S-SR42-HMA"



1189+25.00

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

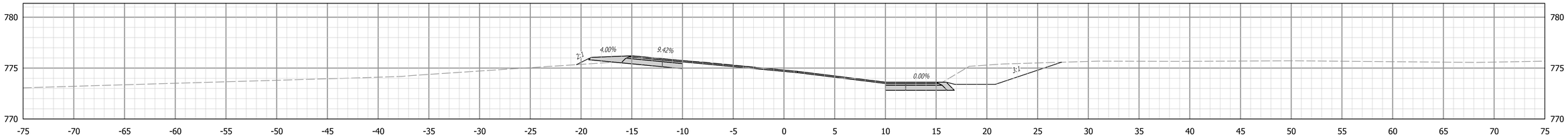
CROSS SECTIONS
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

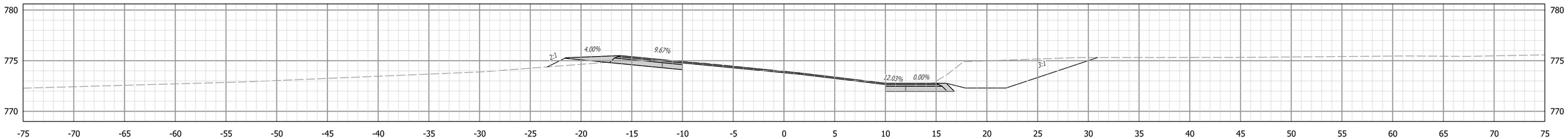
SURVEY BOOK			
ELECTRONIC	101	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:39 PM

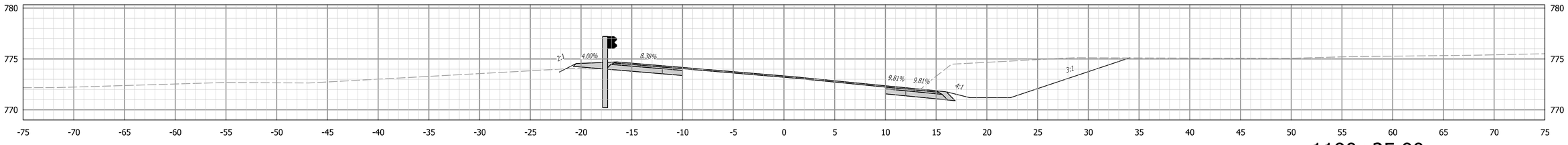
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Model: S-SR42-HMA - 1189+25.00 [Sheet]



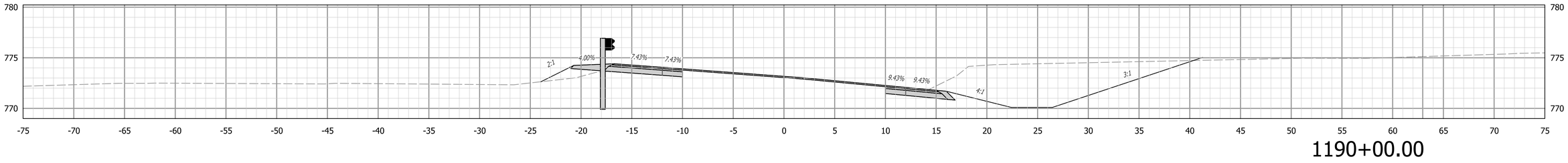
1190+75.00



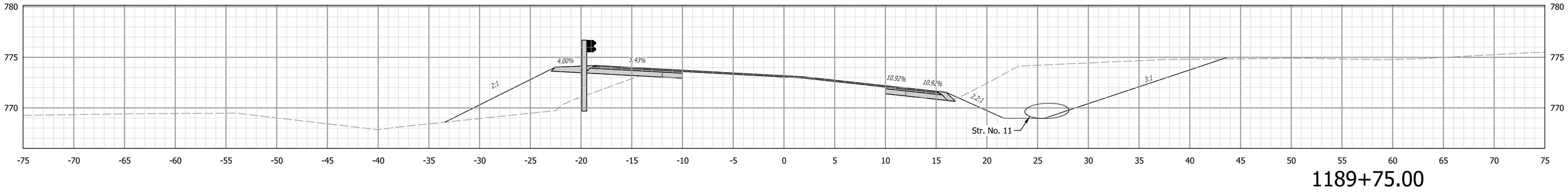
1190+50.00



1190+25.00



1190+00.00



1189+75.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

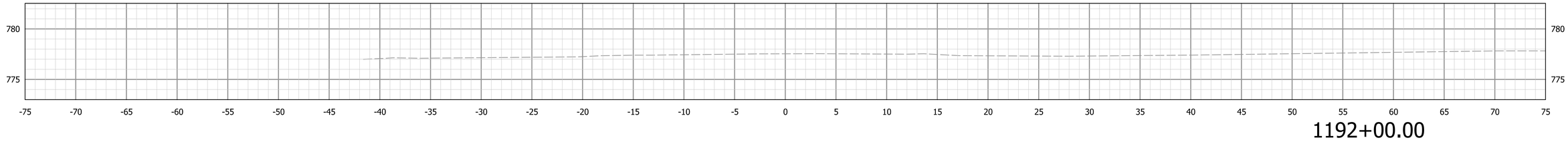
CROSS SECTIONS
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	102	of	108
CONTRACT	PROJECT		
R-45322	2200184		

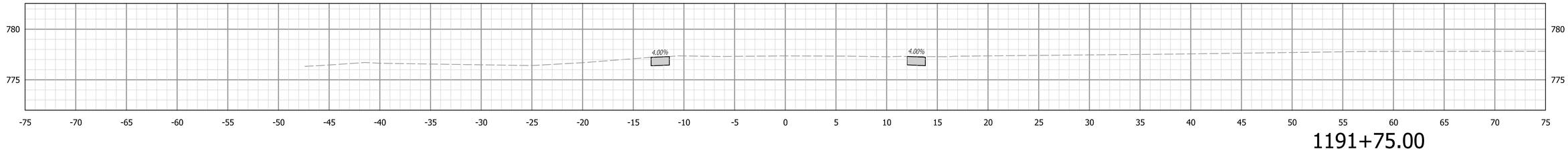
Plot: 3/14/2025 2:23:44 PM

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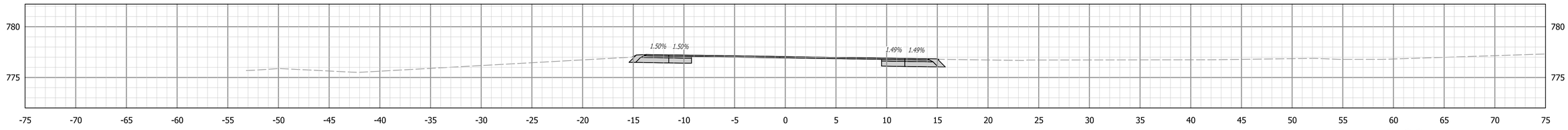


1192+00.00

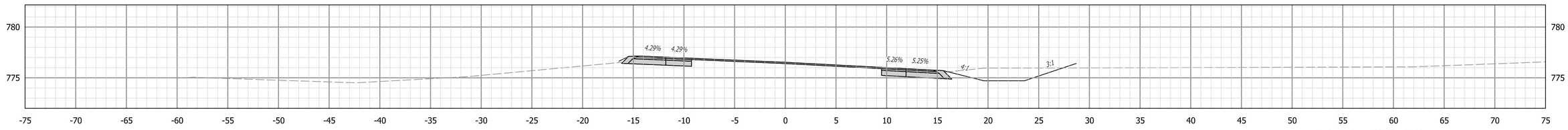
End Incidental Construction
Sta. 1191+85.00 "S-SR42-HMA"



1191+75.00

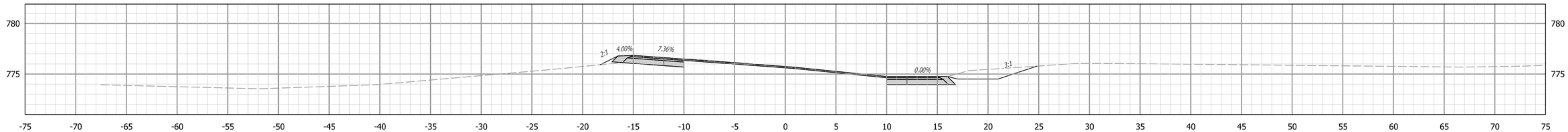


1191+50.00



1191+25.00

End Construction
Sta. 1191+07.86 "S-SR42-HMA"



1191+00.00

STAGE 2 PLANS
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: KCH | DRAWN: KCH

CHECKED: MH | CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

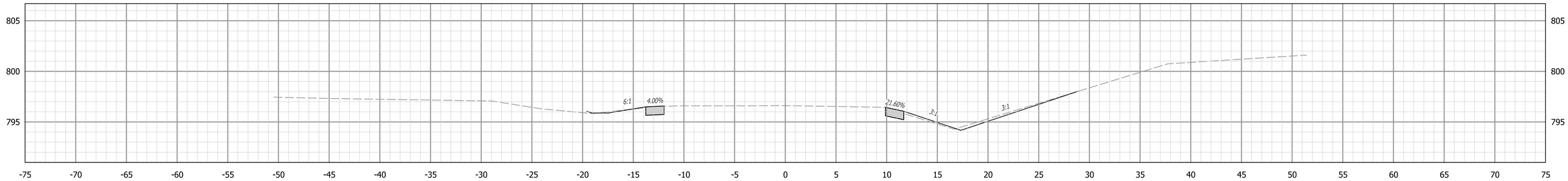
CROSS SECTIONS
CURVE SW6 (PI 1190+36)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

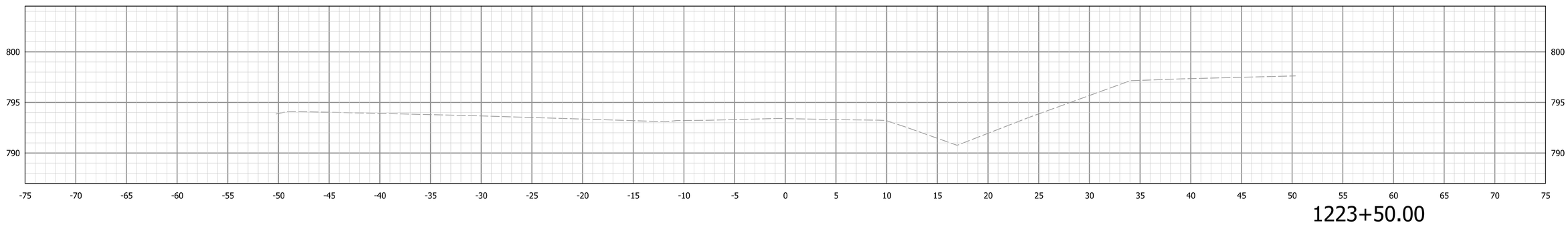
SURVEY BOOK			
ELECTRONIC	103	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:48 PM

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Model: S-SR42-HMA - 1191+00.00 [Sheet]



1224+00.00



1223+50.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

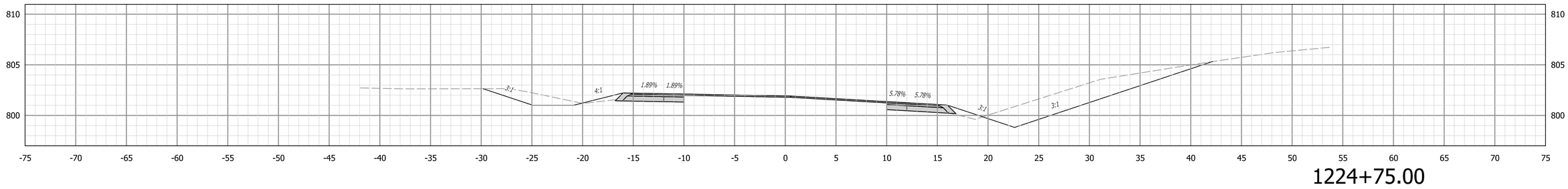
CROSS SECTIONS
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

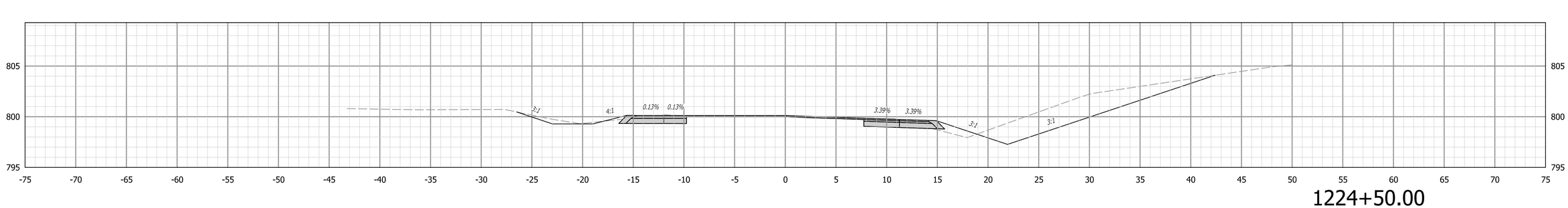
SURVEY BOOK			
ELECTRONIC	104	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:54 PM

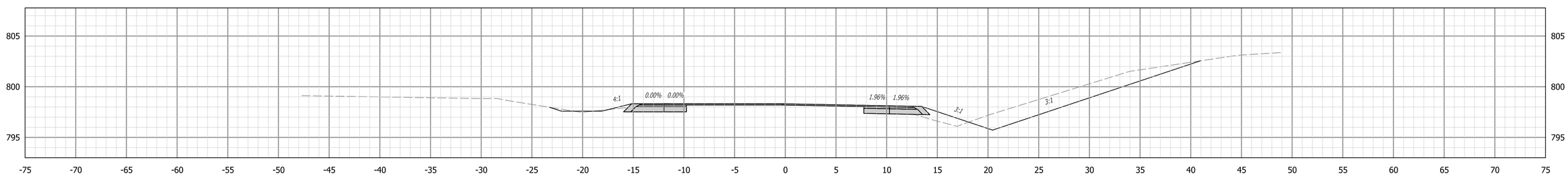
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Model: S-SR42-HMA - 1223+50.00 [Sheet]



1224+75.00



1224+50.00



1224+25.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

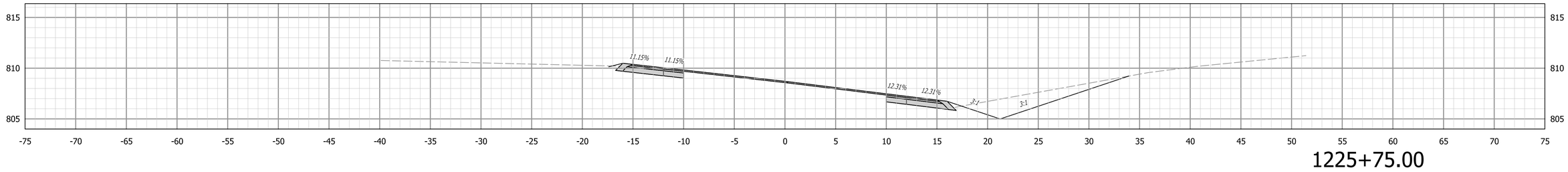
CROSS SECTIONS
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

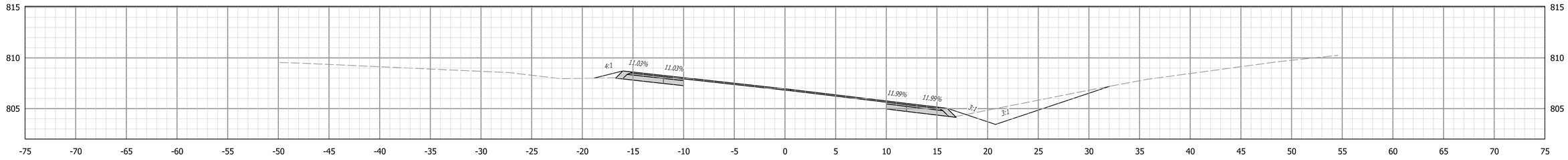
SURVEY BOOK			
ELECTRONIC	105	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:23:58 PM

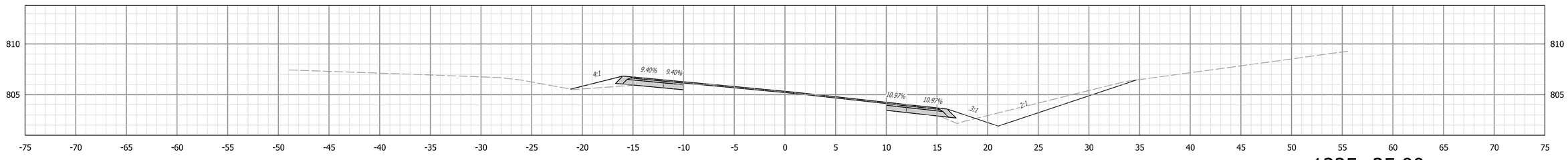
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Model: S-SR42-HMA - 1224+25.00 [Sheet]



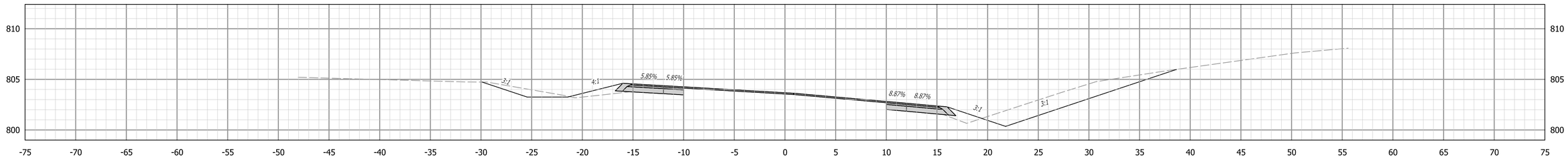
1225+75.00



1225+50.00



1225+25.00



1225+00.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

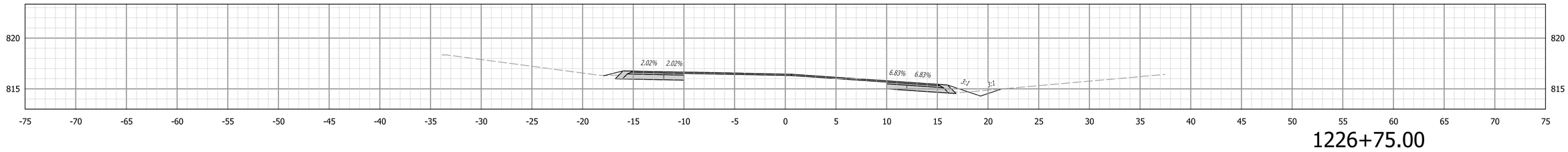
CROSS SECTIONS
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

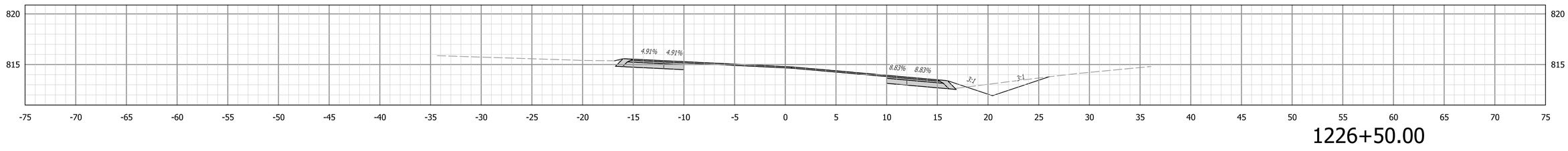
SURVEY BOOK			
ELECTRONIC	106	of	108
CONTRACT	PROJECT		
R-45322	2200184		

Plot: 3/14/2025 2:24:05 PM

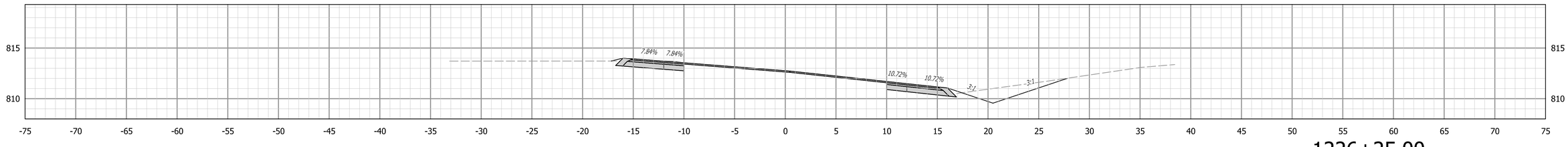
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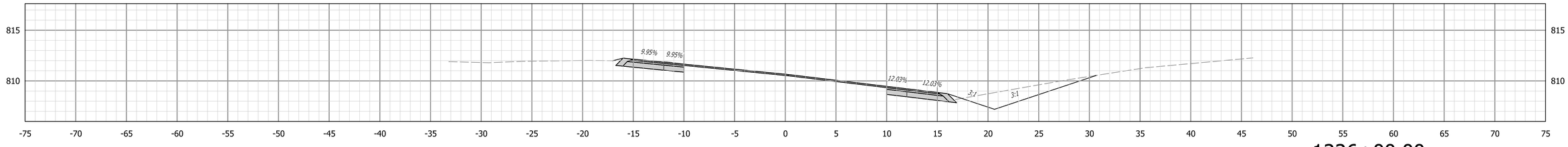
1226+75.00



1226+50.00



1226+25.00



1226+00.00

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STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

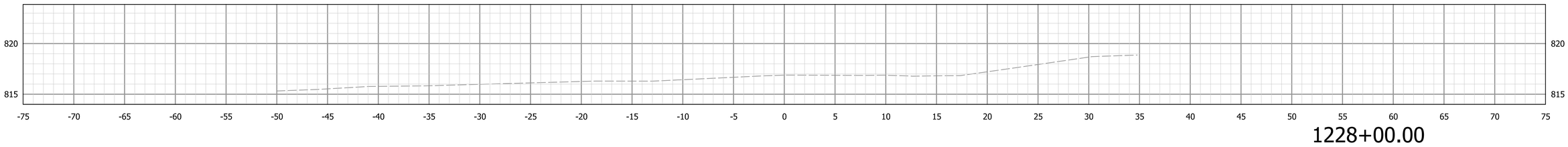
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW7 (PI 1225+90)

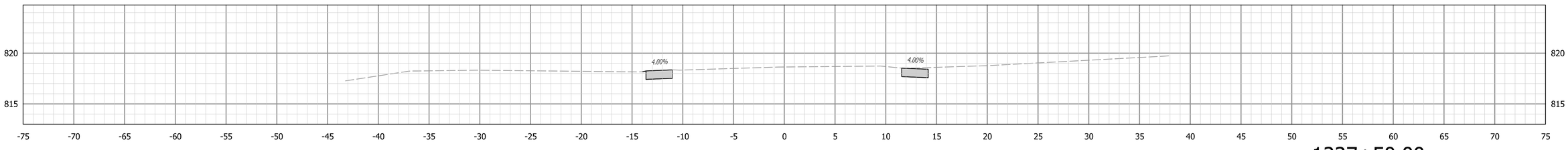
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	107	of	108
CONTRACT	PROJECT		
R-45322	2200184		

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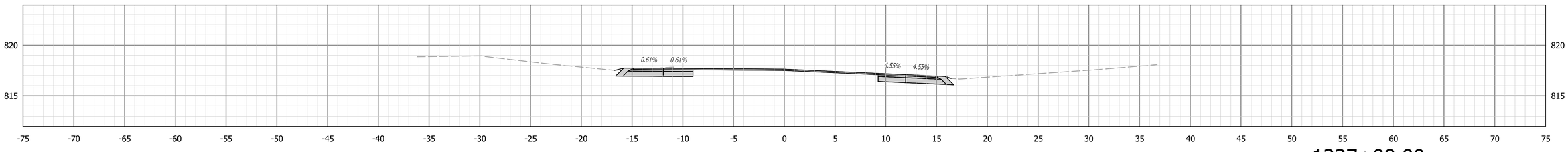
1228+00.00



1227+50.00



1227+25.00



1227+00.00

STAGE 2 PLANS NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: KCH DRAWN: KCH

CHECKED: MH CHECKED: MH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CURVE SW7 (PI 1225+90)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2200184

SURVEY BOOK			
ELECTRONIC	108	of	108
CONTRACT	PROJECT		
R-45322	2200184		

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