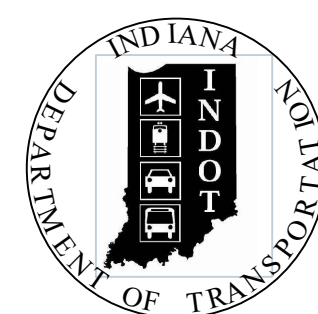


PROJECT	DESIGNATION
1900405	1900405
CONTRACT	BRIDGE FILE
R-41898	N/A

INDIANA DEPARTMENT OF TRANSPORTATION



TRAIL PLANS KARST FARM GREENWAY CONNECTOR MONROE COUNTY

PROJECT NO. 1900405

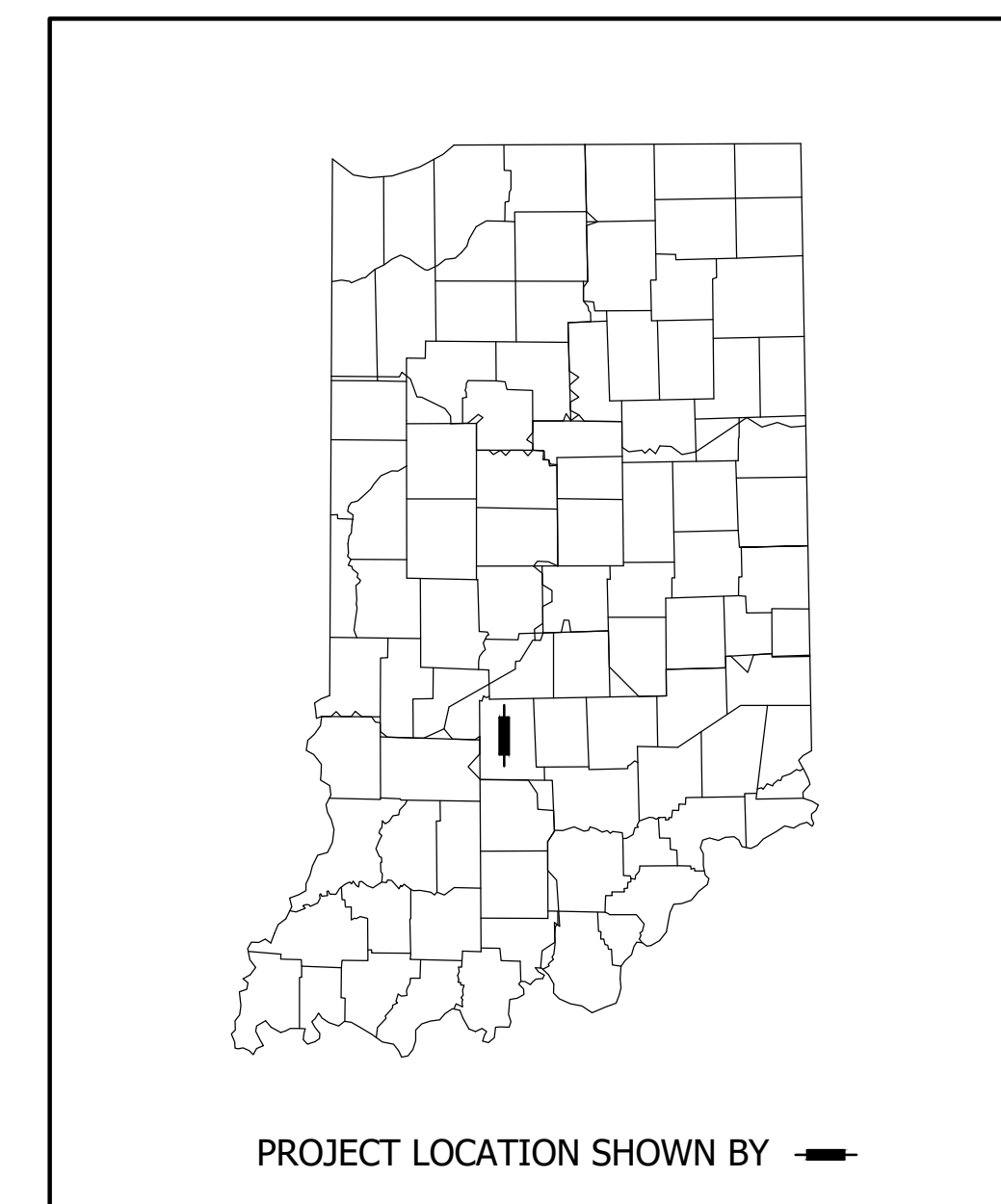
P.E.
R/W
CONST.

GROSS LENGTH: 1.4 mi
NET LENGTH: 1.4 mi

MULTI-USE TRAIL BEGINNING AT W. SIERRA DR AND ENDING AT SR 45, IN SECTIONS 1 & 12, TOWNSHIP 8 NORTH, RANGE 2 WEST, VAN BUREN TOWNSHIP, MONROE COUNTY, CITY OF BLOOMINGTON, INDIANA

PLAN { LONG:- 1"=20'
TRANS:- 1"=20' } SCALES: PROFILE { HORIZ:- 1"=20'
VERT:- 1"=10' } MAX. GRADE: 5.00%

DESIGN DATA	
DESIGN SPEED	15 MPH
PROJECT DESIGN CRITERIA	IDM CHAPTER 51
FUNCTIONAL CLASSIFICATION	MULTI-USE TRAIL
RURAL/URBAN	URBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE



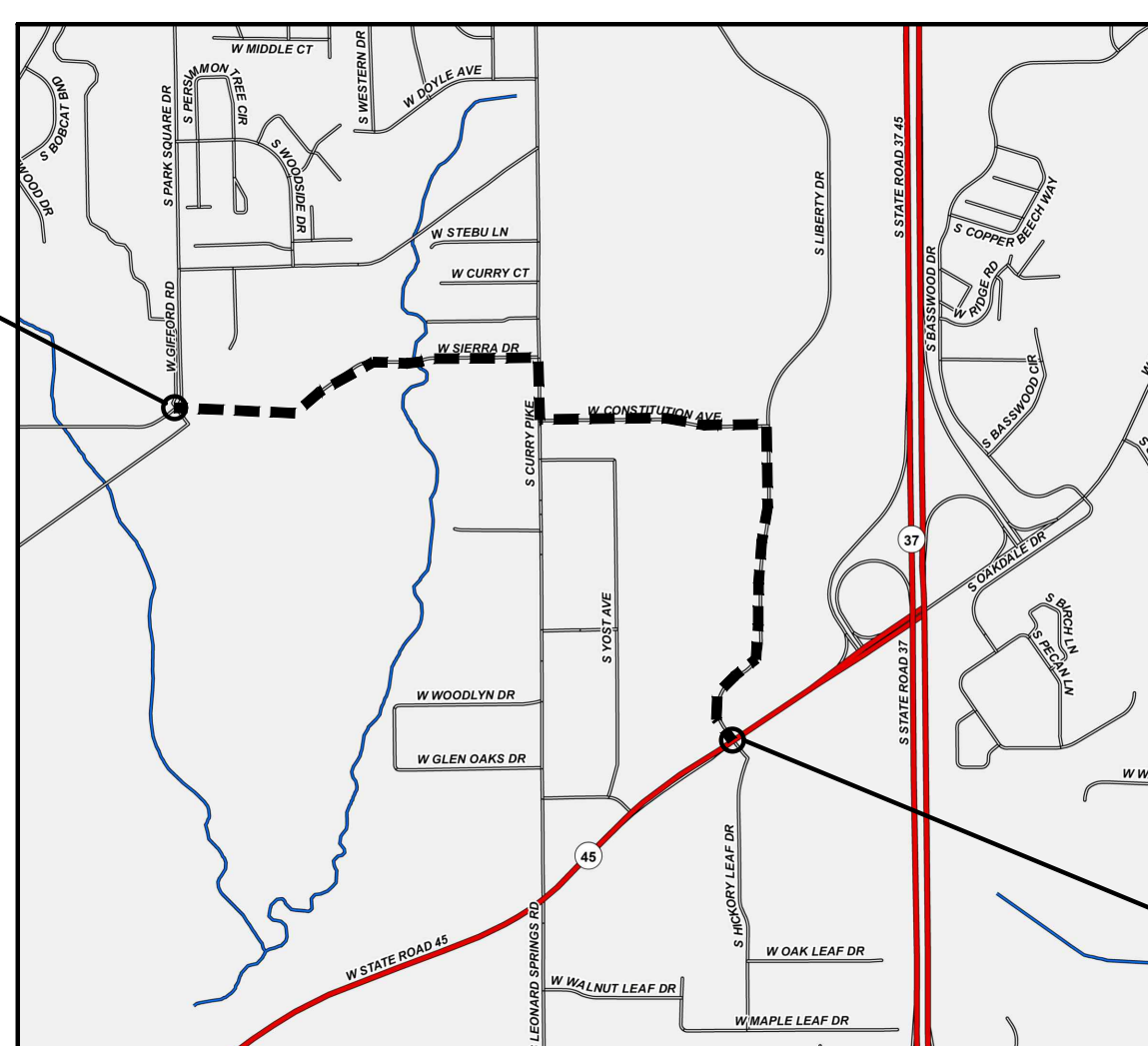
BEGIN PROJECT LATITUDE: 39°09'04" N.	LONGITUDE: 86°35'29" W.
END PROJECT LATITUDE: 39°08'43" N.	LONGITUDE: 86°34'40" W.

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

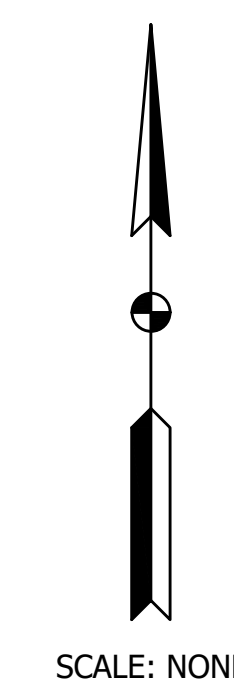


CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR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

BEGIN PROJECT
P.O.T. Sta. 10+21.44 "PR-A"



VICINITY MAP
MONROE COUNTY



END PROJECT
P.O.T. Sta. 82+71.44 "A"

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2022 TO BE USED WITH THESE PLANS.

PLANS PREPARED BY: **Butler Fairman and Seufert Inc.** (317)713-4615
PHONE
CERTIFIED BY: _____ DATE: XX/XX/2021
APPROVED FOR LETTING: _____ DATE: _____
INDIANA DEPARTMENT OF TRANSPORTATION

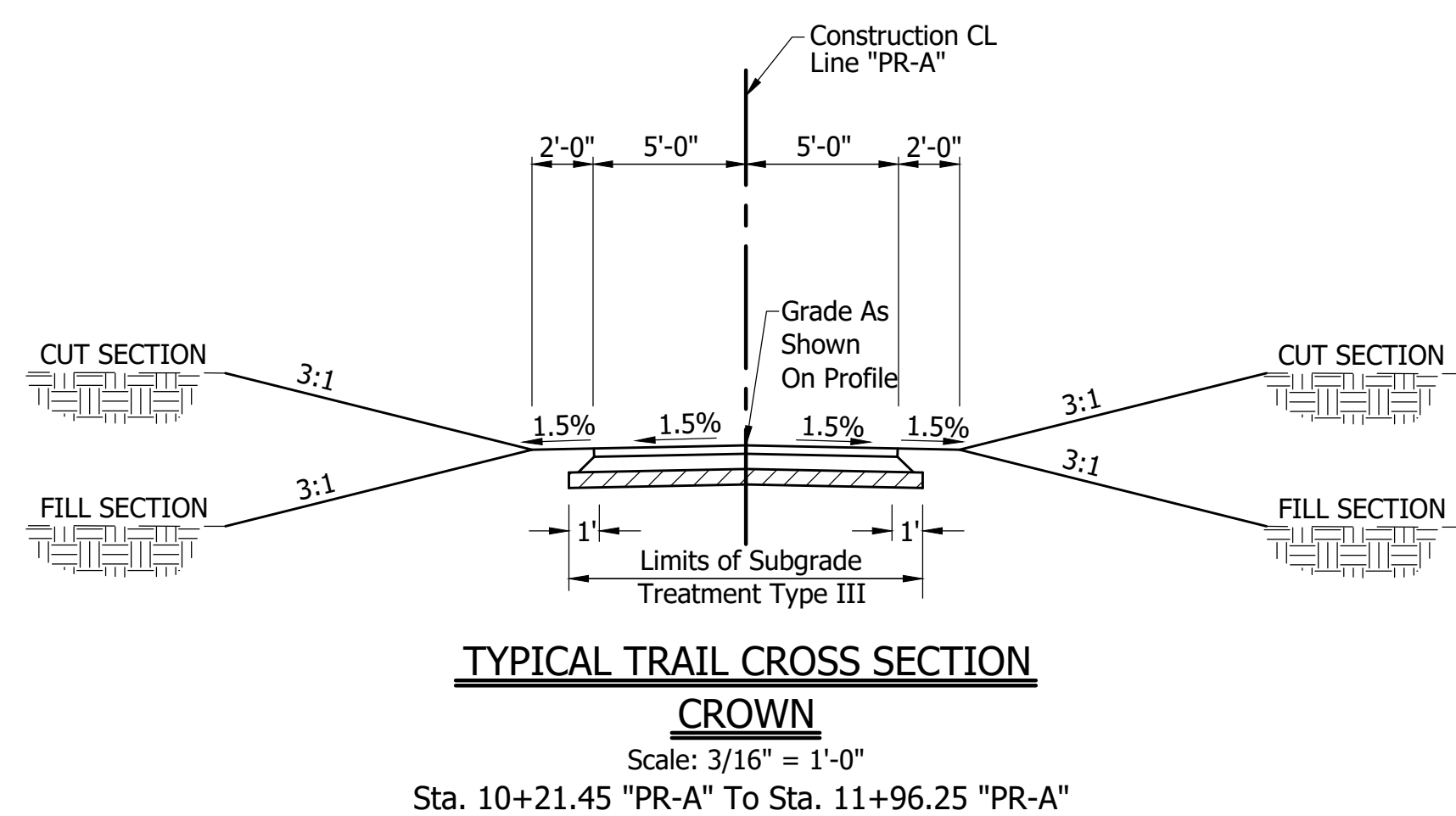
BRIDGE FILE	

DESIGNATION	
1900405	
SURVEY BOOK	SHEET
ELECTRONIC	01 OF 109
CONTRACT	PROJECT
R-41898	1900405

BFS NO. 660200.00

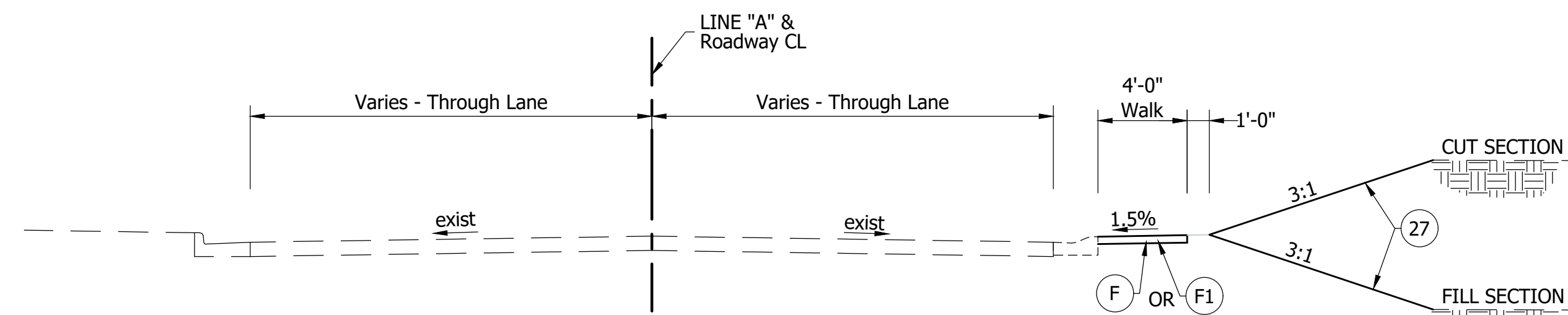
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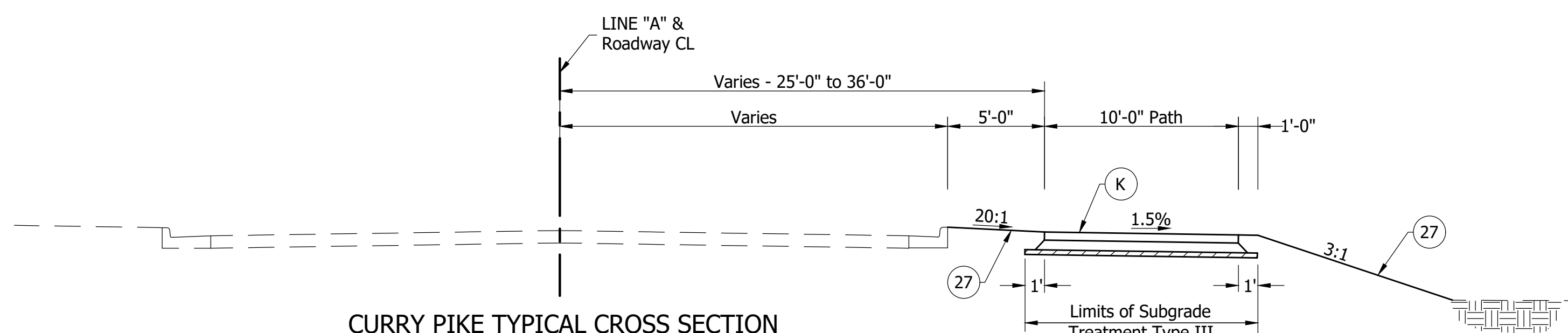
TYPICAL TRAIL CROSS SECTION

CROWN
 Scale: 3/16" = 1'-0"
 Sta. 10+21.45 "PR-A" To Sta. 11+96.25 "PR-A"



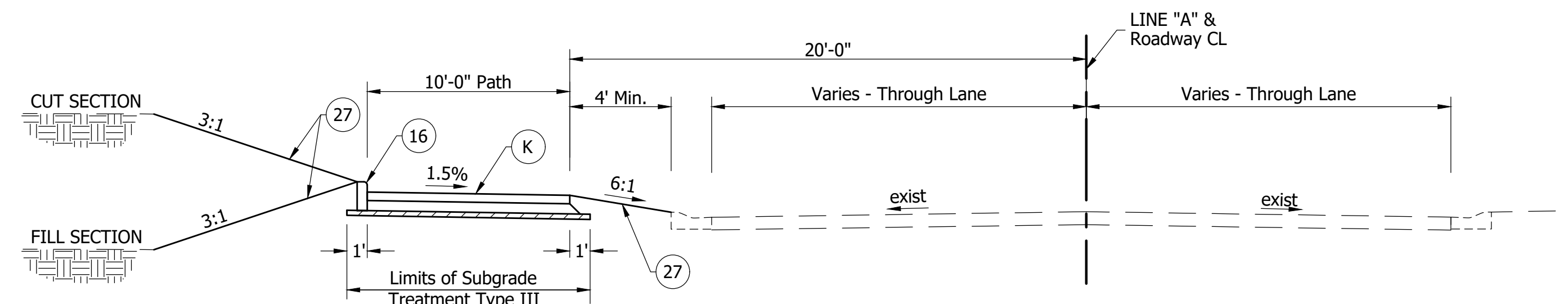
SIERRA DR. TYPICAL CROSS SECTION

Scale: 3/16" = 1'-0"
 Sta. 12+03.83 "A" to Sta. 30+49.10 "A"



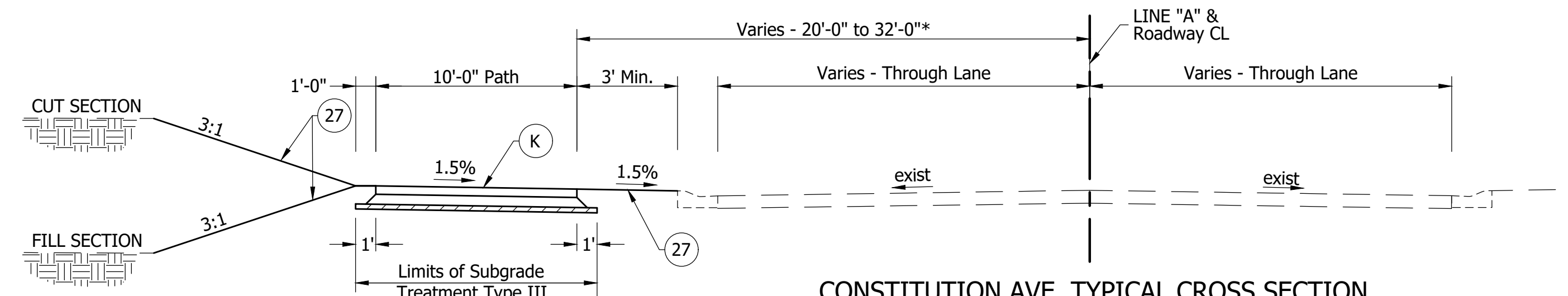
CURRY PIKE TYPICAL CROSS SECTION

Scale: 3/16" = 1'-0"
 Sta. 38+72.89 "A" to Sta. 42+38.07 "A"



CONSTITUTION AVE. TYPICAL CROSS SECTION

Scale: 3/16" = 1'-0"
 Sta. 50+75.00 "A" to Sta. 55+11.77 "A"
 Sta. 55+38.58 "A" to Sta. 56+53.71 "A"
 Sta. 56+79.67 "A" to Sta. 58+96.73 "A"

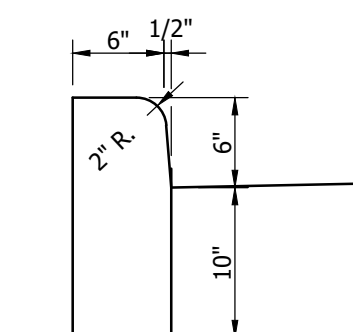


CONSTITUTION AVE. TYPICAL CROSS SECTION

Scale: 3/16" = 1'-0"
 *32' from Sta. 43+33 "A" to Sta. 44+62 "A"

LEGEND

- (K) HMA for Sidewalk Consisting of:
 110 #/syd HMA Surface, Type B on
 330 #/syd HMA Intermediate, Type B on
 6" Compacted Aggregate for Base, #53 on
 Subgrade Treatment Type III
- (K1) HMA for Patching Consisting of:
 165 #/syd HMA Surface, Type B, on
 275 #/syd HMA Intermediate, Type B, on
 660 #/syd HMA Base, Type B, on
 Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (F1) Concrete Sidewalk, 6"
- (15) Combined Concrete Curb & Gutter
- (16) 6" Concrete Curb
- (27) Seed Mixture, "U"

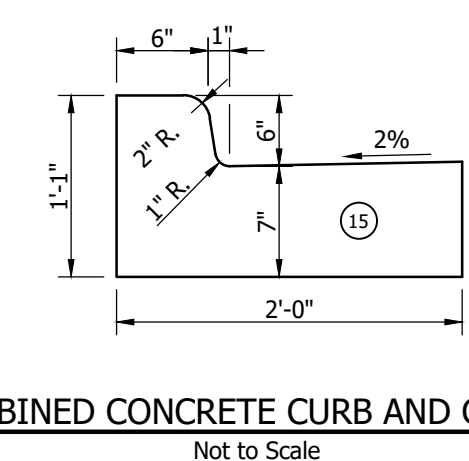
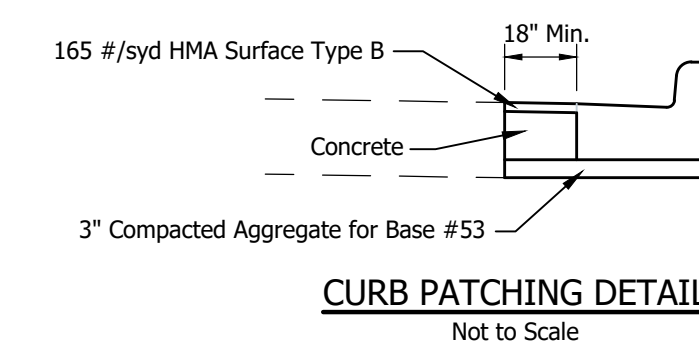
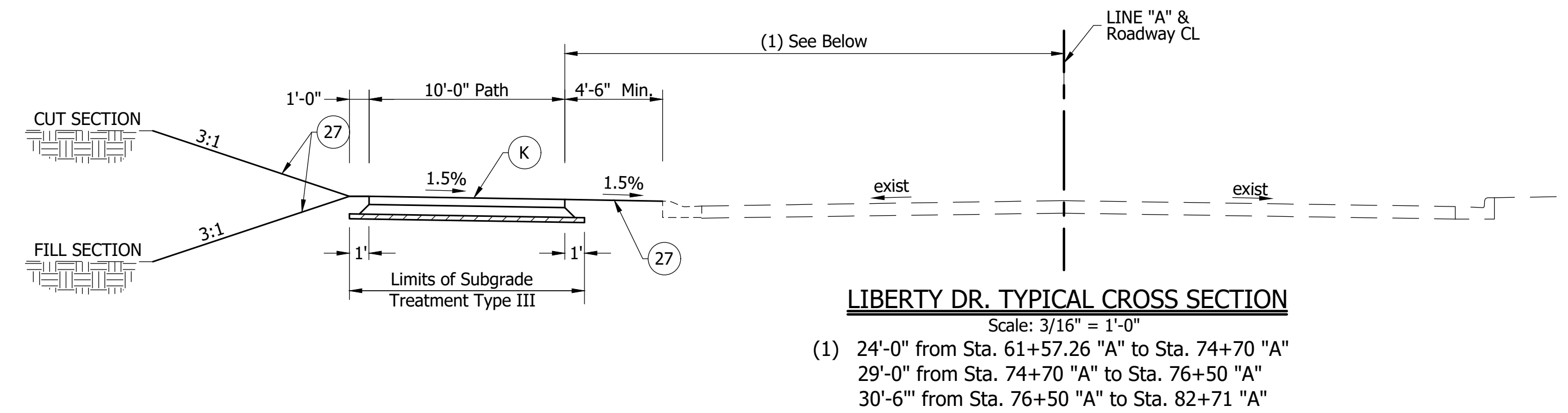
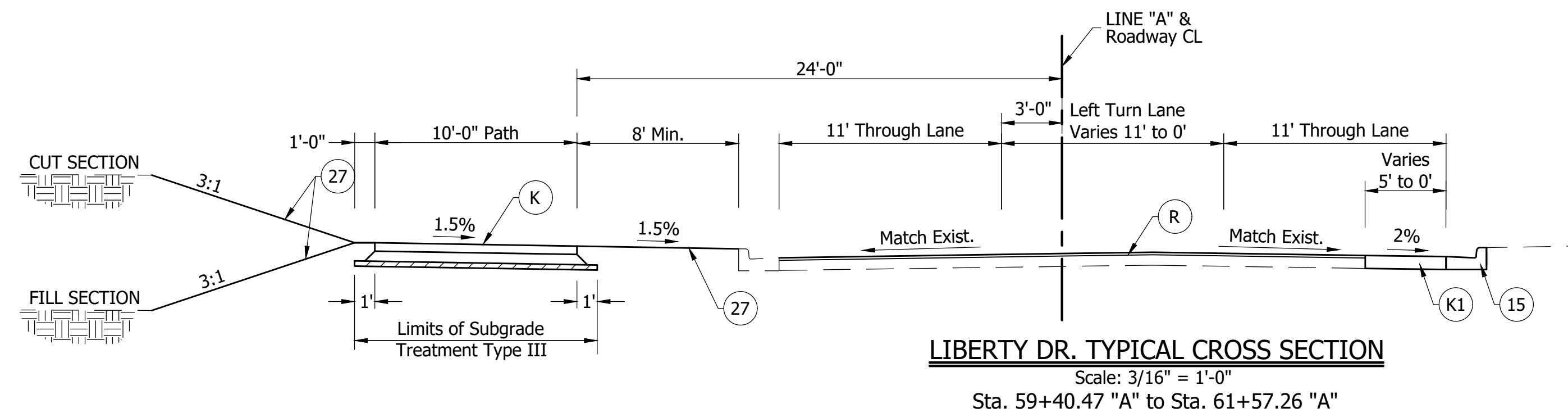


6" CONCRETE CURB
 Not to Scale

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER: _____ DATE: <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR TYPICAL SECTIONS	HORIZONTAL SCALE: AS NOTED VERTICAL SCALE: N/A SURVEY BOOK: ELECTRONIC CONTRACT: R-41898	BRIDGE FILE: ---- DESIGNATION: 1900405 SHEET: 03 OF 109 PROJECT: 1900405
DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV			

660200.00 BFS NO.

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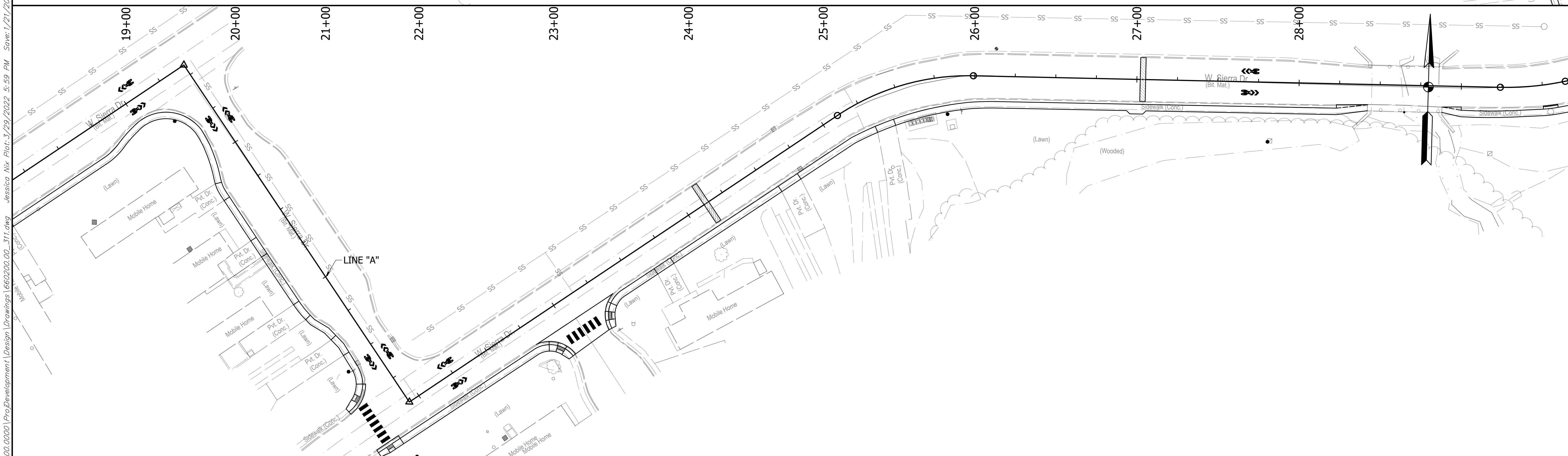
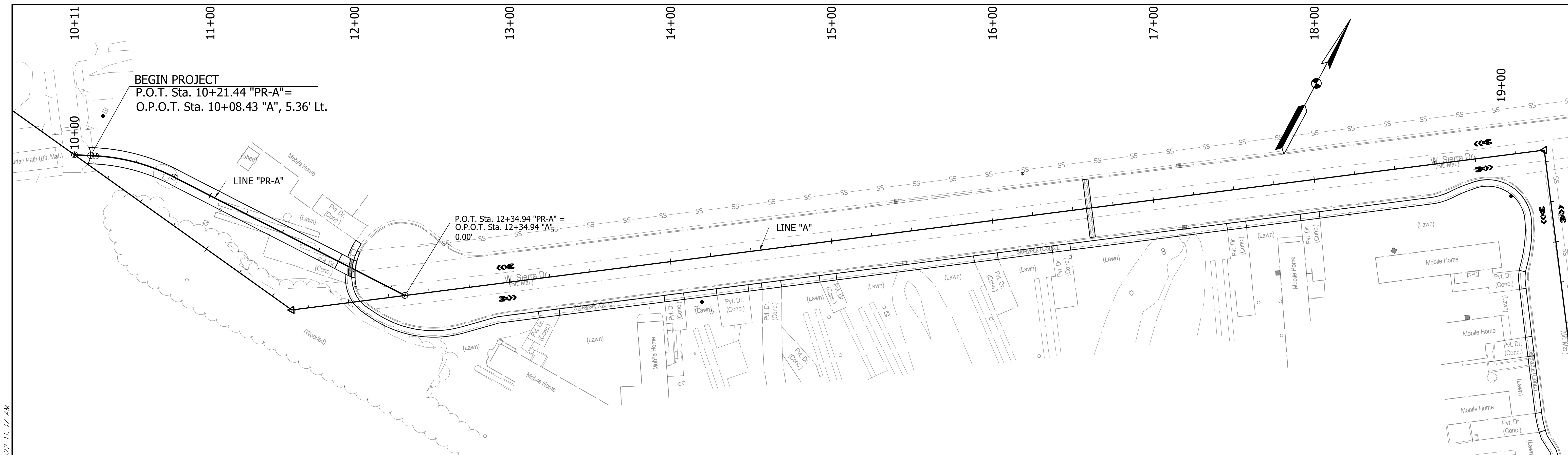


LEGEND

- (K) HMA for Sidewalk Consisting of:
 110 #/syd HMA Surface, Type B on
 330 #/syd HMA Intermediate, Type B on
 Compacted Aggregate for Base, #53 on
 Subgrade Treatment Type III
- (R) HMA for Approaches Consisting of:
 1 1/2" Milling &
 165 #/sys HMA Surface, Type B
- (F) Concrete Sidewalk, 4"
- (15) Combined Concrete Curb & Gutter
- (16) 6" Concrete Curb
- (27) Seed Mixture, "U"
- (K1) HMA for Patching Consisting of:
 165 #/syd HMA Surface, Type B, on
 275 #/syd HMA Intermediate, Type B, on
 660 #/syd HMA Base, Type B, on
 Subgrade Treatment Type II

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR TYPICAL SECTIONS	HORIZONTAL SCALE AS NOTED	BRIDGE FILE ----
		VERTICAL SCALE N/A	DESIGNATION 1900405
DESIGNED: DAV DRAWN: JDW		SURVEY BOOK ELECTRONIC	SHEET 04 OF 109
CHECKED: AH CHECKED: DAV		CONTRACT R-41898	PROJECT 1900405

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LEGEND

- CHANNELIZING DEVICE @ 40' SPA.
- ▬ TRAFFIC SIGN
- ▬ TYPE III-A BARRICADE
- ① SPEEDING RECKLESS DRIVING PENALTY (60x36) XW2-6
- ② ROAD WORK AHEAD (36x36) XW20-1
- ③ FLAGGER (36x36) XW20-7a
- ④ END CONSTRUCTION (36x18) XG20-2
- ⑤ ROAD CLOSED AHEAD (36x36) XW20-3
- ⑥ SIDEWALK CLOSED (24x12) R9-9

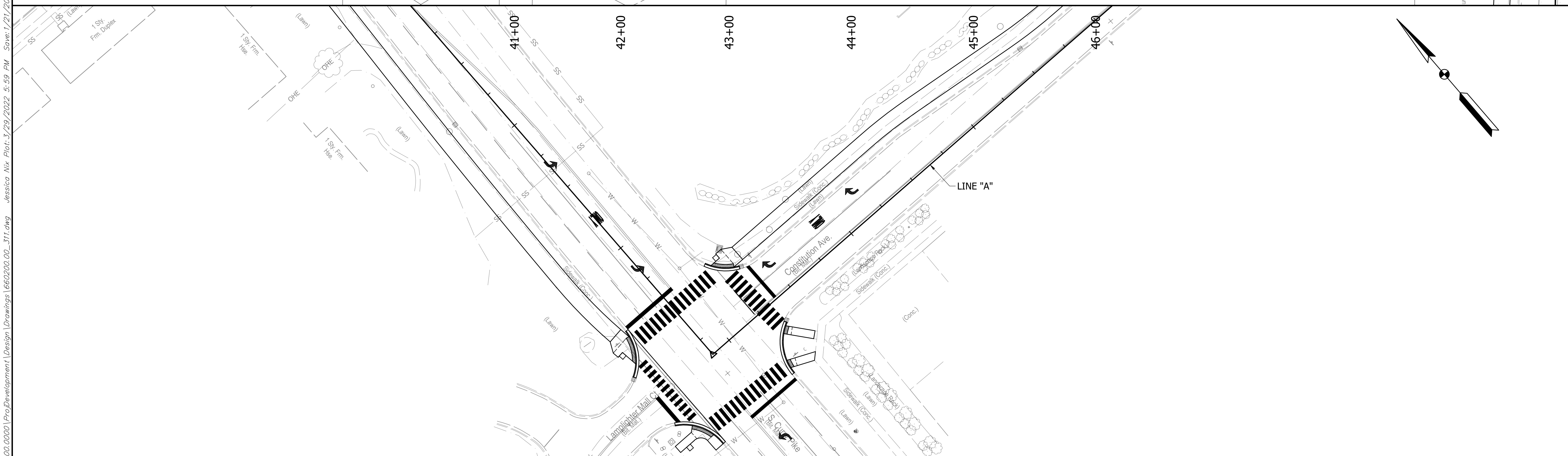
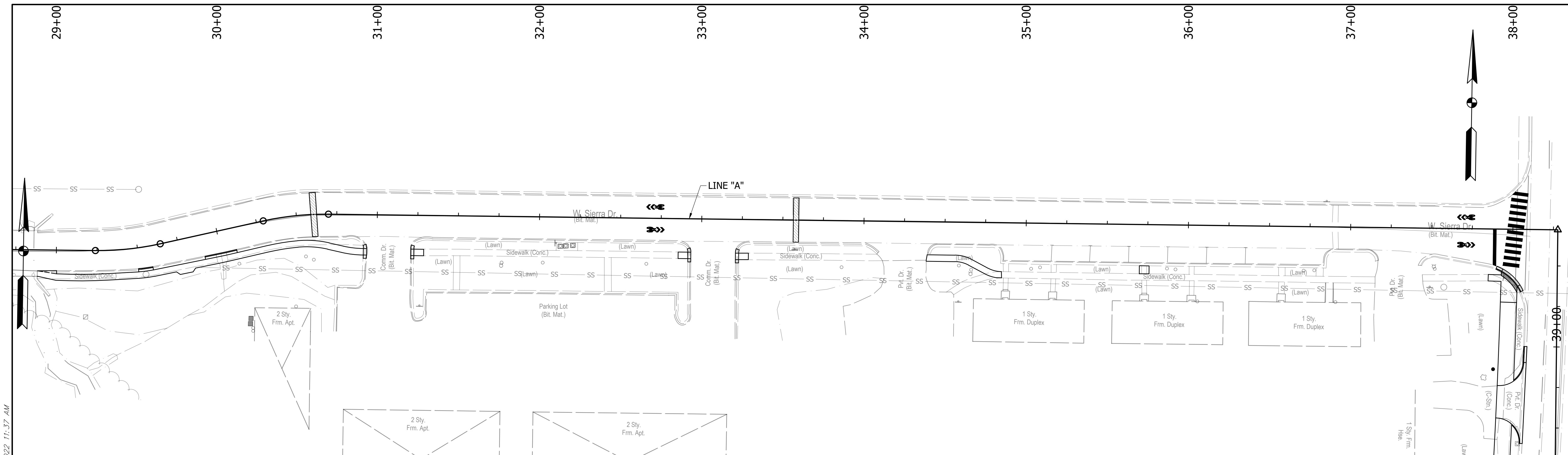
RECOMMENDED FOR APPROVAL: _____
 DESIGN ENGINEER DATE XX/XX/2021

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE 1"=30'	BRIDGE FILE ----
VERTICAL SCALE N/A	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 05 OF 109
CONTRACT R-41898	PROJECT 1900405

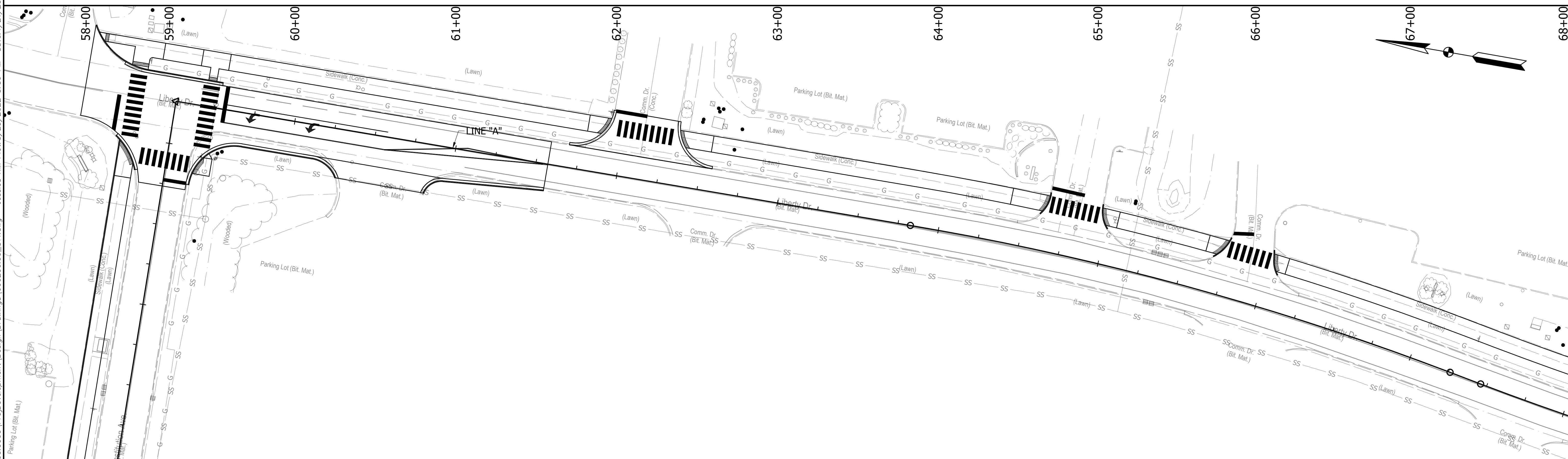
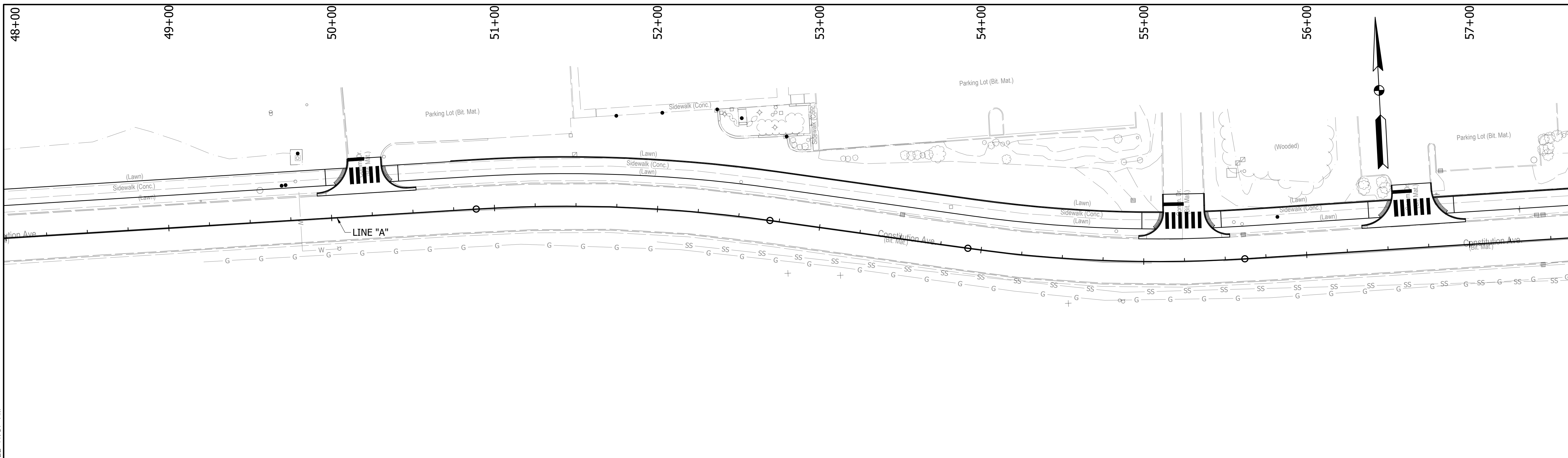
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<ul style="list-style-type: none"> • CHANNELIZING DEVICE @ 40' SPA. ▬ TRAFFIC SIGN ▬ TYPE III-A BARRICADE 	LEGEND		<ul style="list-style-type: none"> ⑤ ROAD CLOSED AHEAD (36x36) XW20-3 ⑥ SIDEWALK CLOSED (24x12) R9-9 	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER: _____ DATE: <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR MAINTENANCE OF TRAFFIC	HORIZONTAL SCALE 1"=30' VERTICAL SCALE N/A	BRIDGE FILE ---- DESIGNATION 1900405
	<ul style="list-style-type: none"> ① SPEEDING RECKLESS DRIVING PENALTY (60x36) XW2-6 ② ROAD WORK AHEAD (36x36) XW20-1 ③ FLAGGER (36x36) XW20-7a ④ END CONSTRUCTION (36x18) XG20-2 	<ul style="list-style-type: none"> DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV 		SURVEY BOOK ELECTRONIC CONTRACT R-41898		SHEET 06 OF 109 PROJECT 1900405	

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LEGEND

- CHANNELIZING DEVICE @ 40' SPA.
- ▬ TRAFFIC SIGN
- ▬ TYPE III-A BARRICADE
- ① SPEEDING RECKLESS DRIVING PENALTY (60x36) XW2-6
- ② ROAD WORK AHEAD (36x36) XW20-1
- ③ FLAGGER (36x36) XW20-7a
- ④ END CONSTRUCTION (36x18) XG20-2
- ⑤ ROAD CLOSED AHEAD (36x36) XW20-3
- ⑥ SIDEWALK CLOSED (24x12) R9-9

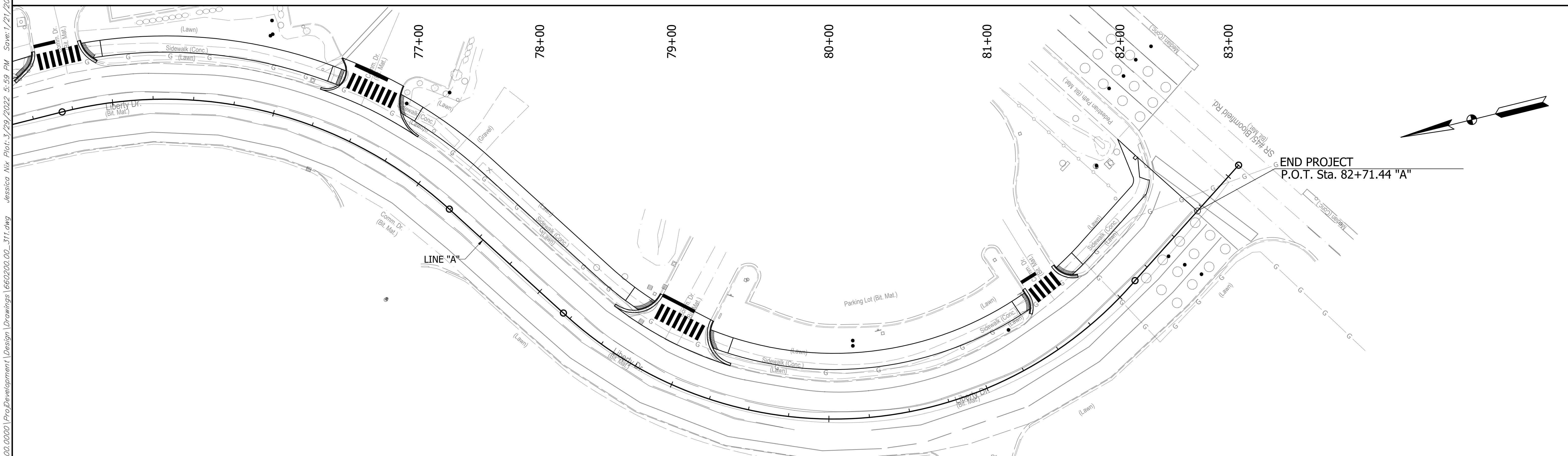
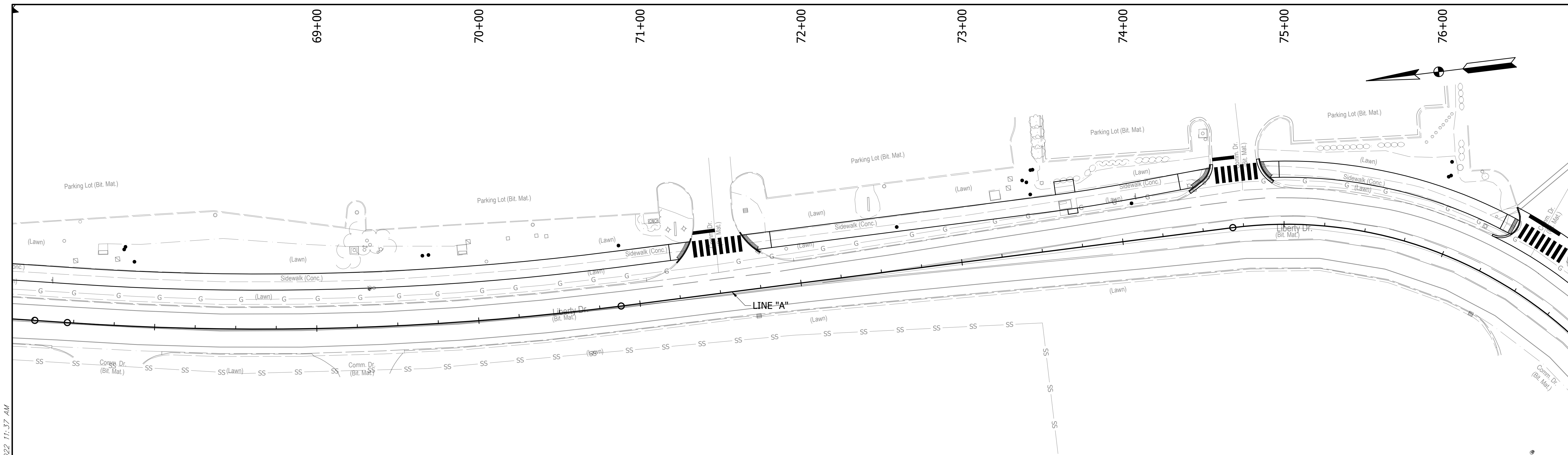
RECOMMENDED FOR APPROVAL: _____
 DESIGN ENGINEER DATE *XX/XX/2021*

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE 1"=30'	BRIDGE FILE ----
VERTICAL SCALE N/A	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 07 OF 109
CONTRACT R-41898	PROJECT 1900405

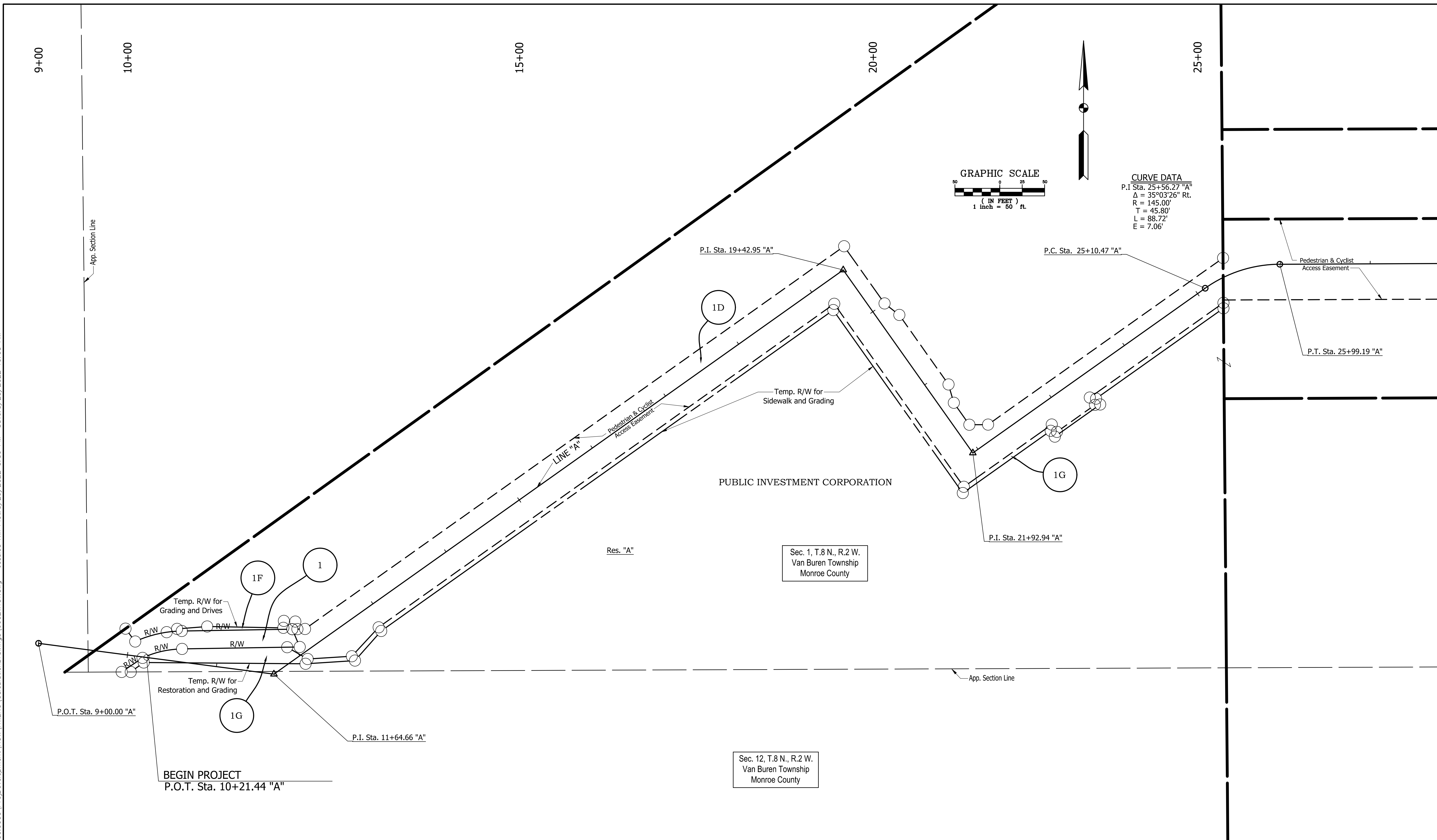
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<p>LEGEND</p> <ul style="list-style-type: none"> • CHANNELIZING DEVICE @ 40' SPA. TT TRAFFIC SIGN — TYPE III-A BARRICADE 	<ul style="list-style-type: none"> 1 SPEEDING RECKLESS DRIVING PENALTY (60x36) XW2-6 2 ROAD WORK AHEAD (36x36) XW20-1 3 FLAGGER (36x36) XW20-7a 4 END CONSTRUCTION (36x18) XG20-2 	<ul style="list-style-type: none"> 5 ROAD CLOSED AHEAD (36x36) XW20-3 6 SIDEWALK CLOSED (24x12) R9-9 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">RECOMMENDED FOR APPROVAL:</td> <td style="width: 50%; text-align: right;">XX/XX/2021</td> </tr> <tr> <td style="text-align: center;">DESIGN ENGINEER</td> <td style="text-align: center;">DATE</td> </tr> <tr> <td>DESIGNED: DAV</td> <td>DRAWN: JDW</td> </tr> <tr> <td>CHECKED: AH</td> <td>CHECKED: DAV</td> </tr> </table>	RECOMMENDED FOR APPROVAL:	XX/XX/2021	DESIGN ENGINEER	DATE	DESIGNED: DAV	DRAWN: JDW	CHECKED: AH	CHECKED: DAV								
RECOMMENDED FOR APPROVAL:	XX/XX/2021																		
DESIGN ENGINEER	DATE																		
DESIGNED: DAV	DRAWN: JDW																		
CHECKED: AH	CHECKED: DAV																		
<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR</p> <p>MAINTENANCE OF TRAFFIC</p>																			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1"=30'</td> <td>----</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1900405</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td>ELECTRONIC</td> <td>08 OF 109</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-41898</td> <td>1900405</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1"=30'	----	VERTICAL SCALE	DESIGNATION	N/A	1900405	SURVEY BOOK	SHEET	ELECTRONIC	08 OF 109	CONTRACT	PROJECT	R-41898	1900405	<p>BFS NO. 660200.00</p>
HORIZONTAL SCALE	BRIDGE FILE																		
1"=30'	----																		
VERTICAL SCALE	DESIGNATION																		
N/A	1900405																		
SURVEY BOOK	SHEET																		
ELECTRONIC	08 OF 109																		
CONTRACT	PROJECT																		
R-41898	1900405																		

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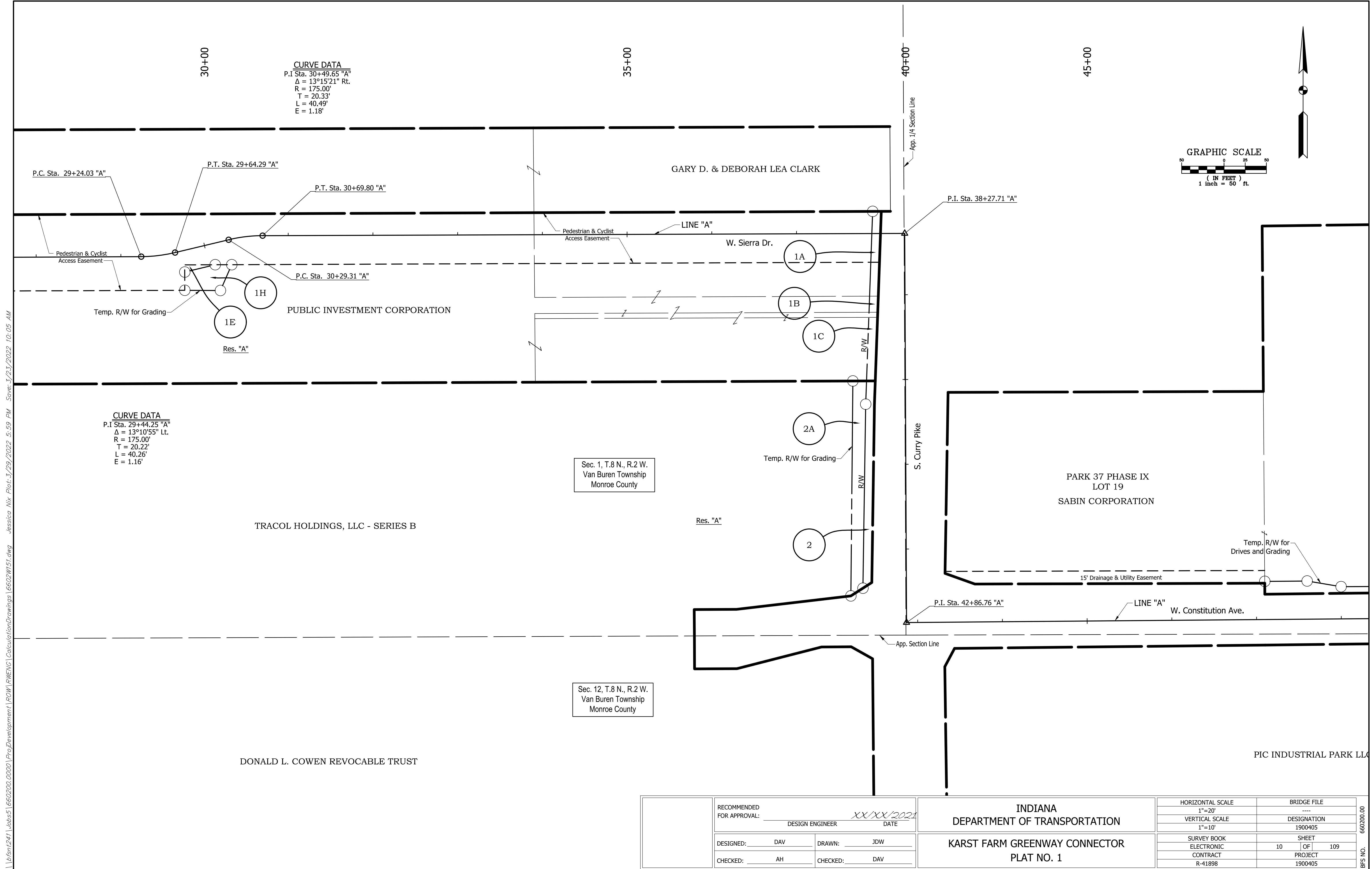


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER		DATE	
		XX/XX/2021			
DESIGNED:	DAV	DRAWN:	JDW		
CHECKED:	AH	CHECKED:	DAV		

INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
PLAT NO. 1

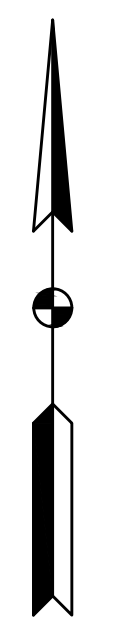
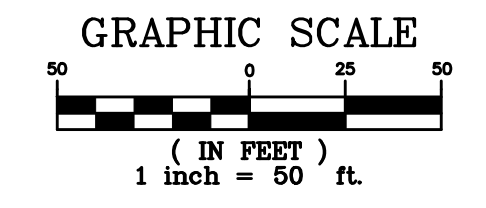
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	----
VERTICAL SCALE	DESIGNATION
1"=10'	1900405
SURVEY BOOK	SHEET
ELECTRONIC	09 OF 109
CONTRACT	PROJECT
R-41898	1900405

660200.00



CURVE DATA
 P.I. Sta. 30+49.65 "A"
 $\Delta = 13^\circ 15' 21''$ Rt.
 R = 175.00'
 T = 20.33'
 L = 40.49'
 E = 1.18'

CURVE DATA
 P.I. Sta. 29+44.25 "A"
 $\Delta = 13^\circ 10' 55''$ Lt.
 R = 175.00'
 T = 20.22'
 L = 40.26'
 E = 1.16'



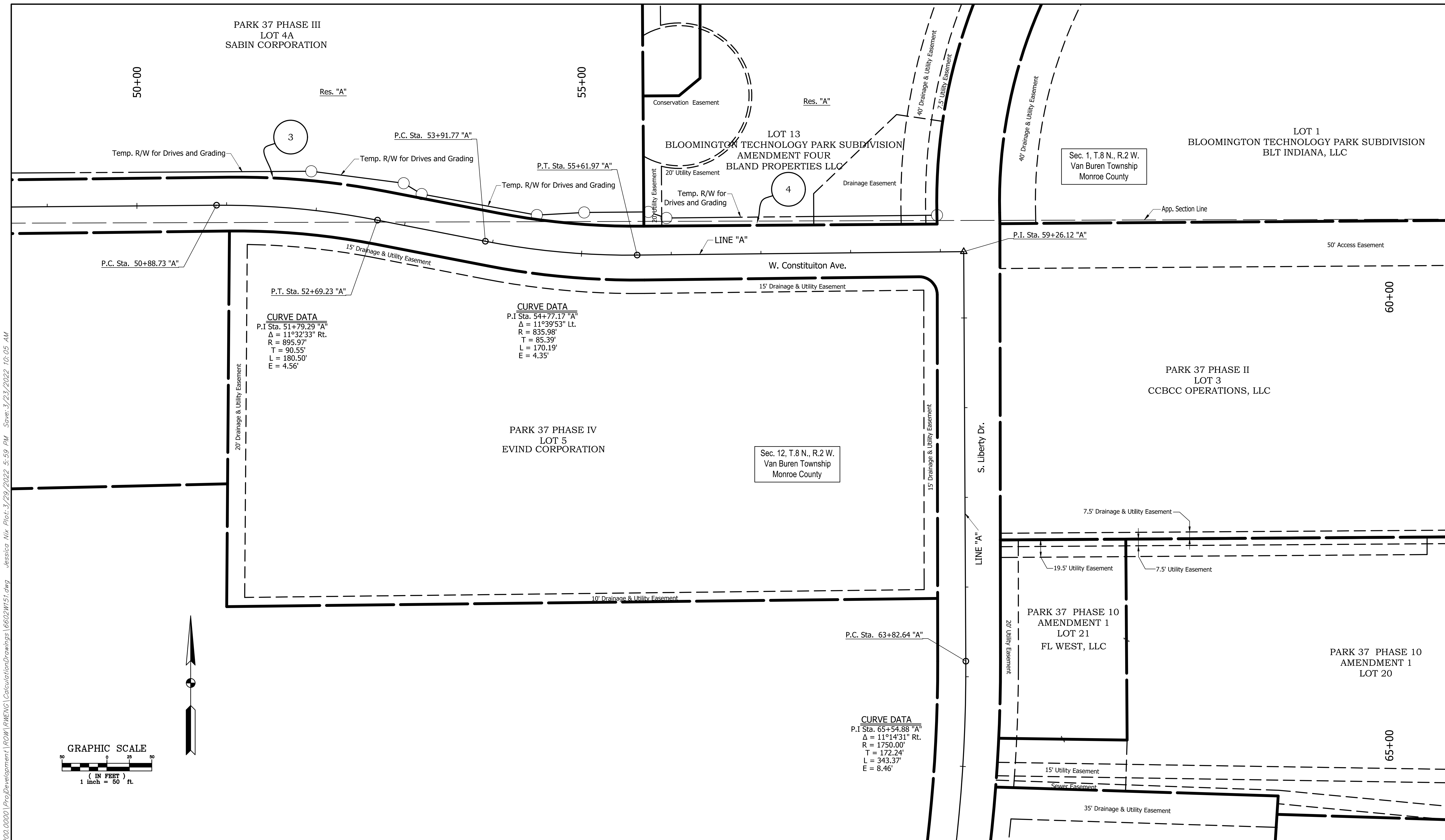
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RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

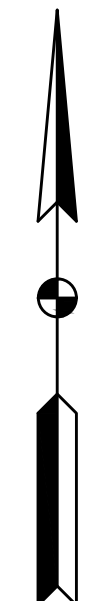
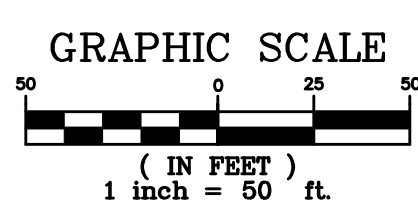
INDIANA DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	----
VERTICAL SCALE	DESIGNATION
1"=10'	1900405
SURVEY BOOK	SHEET
ELECTRONIC	10 OF 109
CONTRACT	PROJECT
R-41898	1900405

BFS NO. 660200.00

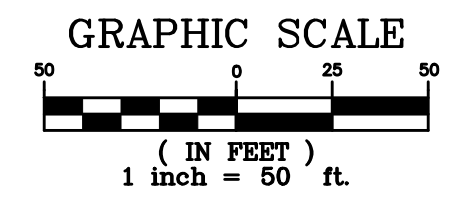
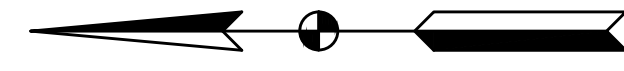
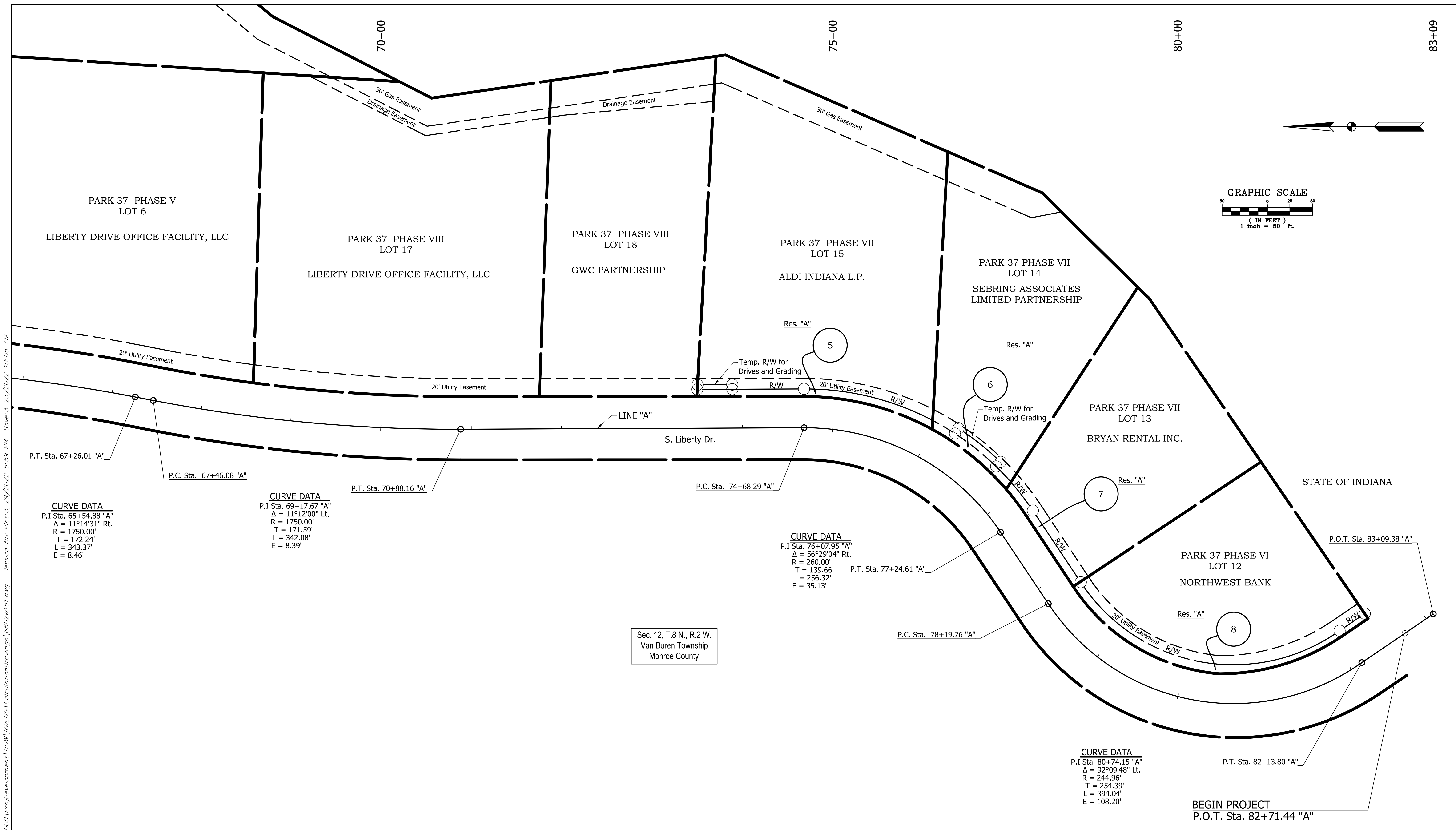


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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE <u>XX/XX/2021</u>	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=50'	BRIDGE FILE ----
			VERTICAL SCALE 1"=10'	DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR PLAT NO. 1	SURVEY BOOK ELECTRONIC	SHEET 11 OF 109
CHECKED: AH	CHECKED: DAV		CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.



CURVE DATA
 P.I Sta. 65+54.88 "A"
 $\Delta = 11^\circ 14' 31''$ Rt.
 R = 1750.00'
 T = 172.24'
 L = 343.37'
 E = 8.46'

CURVE DATA
 P.I Sta. 69+17.67 "A"
 $\Delta = 11^\circ 12' 00''$ Lt.
 R = 1750.00'
 T = 171.59'
 L = 342.08'
 E = 8.39'

CURVE DATA
 P.I Sta. 76+07.95 "A"
 $\Delta = 56^\circ 29' 04''$ Rt.
 R = 260.00'
 T = 139.66'
 L = 256.32'
 E = 35.13'

CURVE DATA
 P.I Sta. 80+74.15 "A"
 $\Delta = 92^\circ 09' 48''$ Lt.
 R = 244.96'
 T = 254.39'
 L = 394.04'
 E = 108.20'

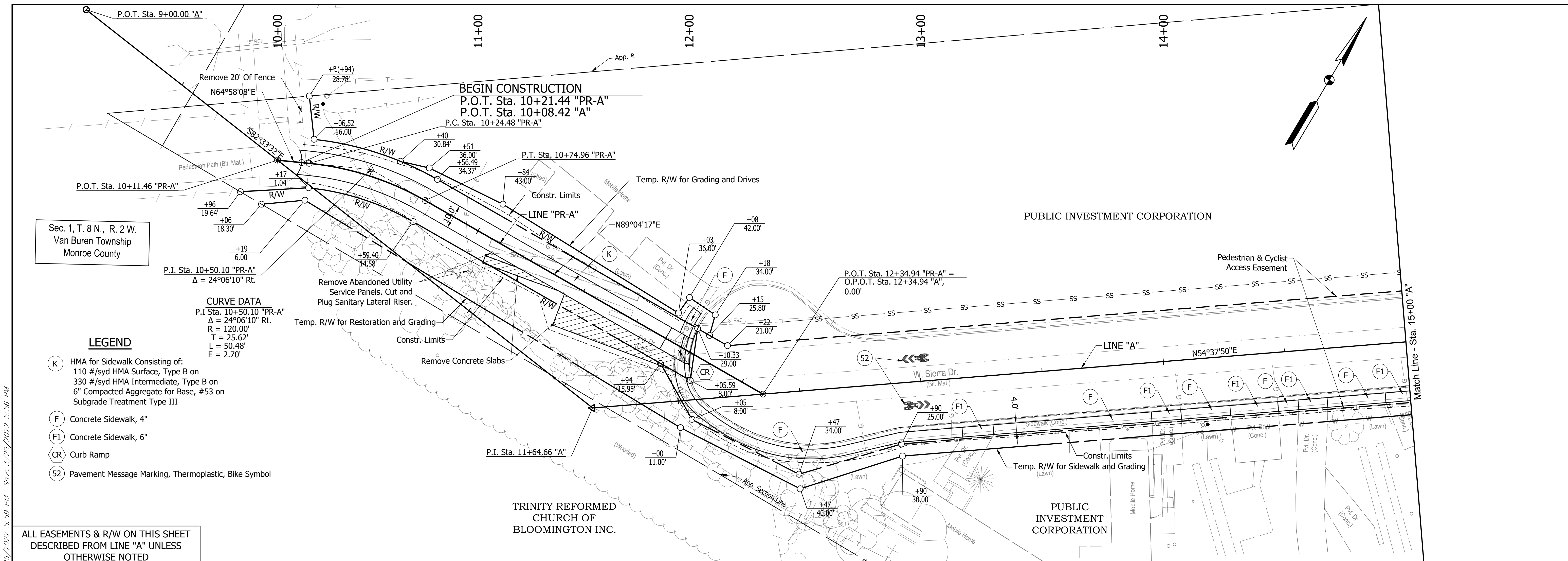
Sec. 12, T.8 N., R.2 W.
 Van Buren Township
 Monroe County

BEGIN PROJECT
 P.O.T. Sta. 82+71.44 "A"

I:\660200\660200\0000\Proj\Development\ROW\BREV\CalculationDrawings\660200\51.dwg - Jessica Nix - Plot: 3/29/2022 5:59 PM - Save: 3/23/2022 10:05 AM

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
		XX/XX/2021			1"=20'
DESIGNED:	DAV	DRAWN:	KARST FARM GREENWAY CONNECTOR PLAT NO. 1	VERTICAL SCALE	DESIGNATION
CHECKED:	AH	CHECKED:		DAV	1"=10'
				SURVEY BOOK	SHEET
				ELECTRONIC	12 OF 109
				CONTRACT	PROJECT
				R-41898	1900405

660200.00
BFS NO.



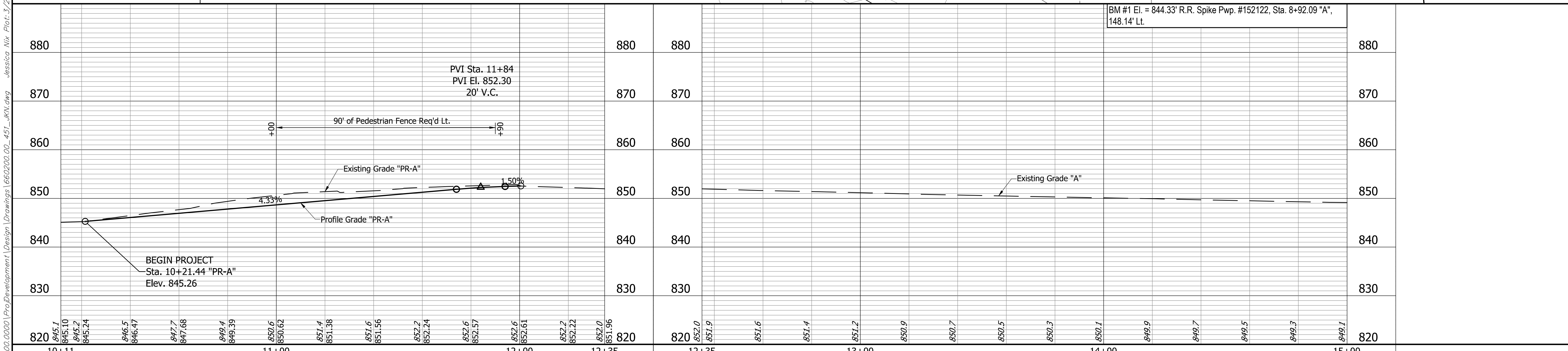
Sec. 1, T. 8 N., R. 2 W.
Van Buren Township
Monroe County

LEGEND

- (K) HMA for Sidewalk Consisting of:
110 #/syd HMA Surface, Type B on
330 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (F) Concrete Sidewalk, 4"
- (F1) Concrete Sidewalk, 6"
- (CR) Curb Ramp
- (52) Pavement Message Marking, Thermoplastic, Bike Symbol

CURVE DATA
P.I. Sta. 10+50.10 "PR-A"
Δ = 24°06'10" Rt.
R = 120.00'
T = 25.62'
L = 50.48'
E = 2.70'

ALL EASEMENTS & R/W ON THIS SHEET
DESCRIBED FROM LINE "A" UNLESS
OTHERWISE NOTED

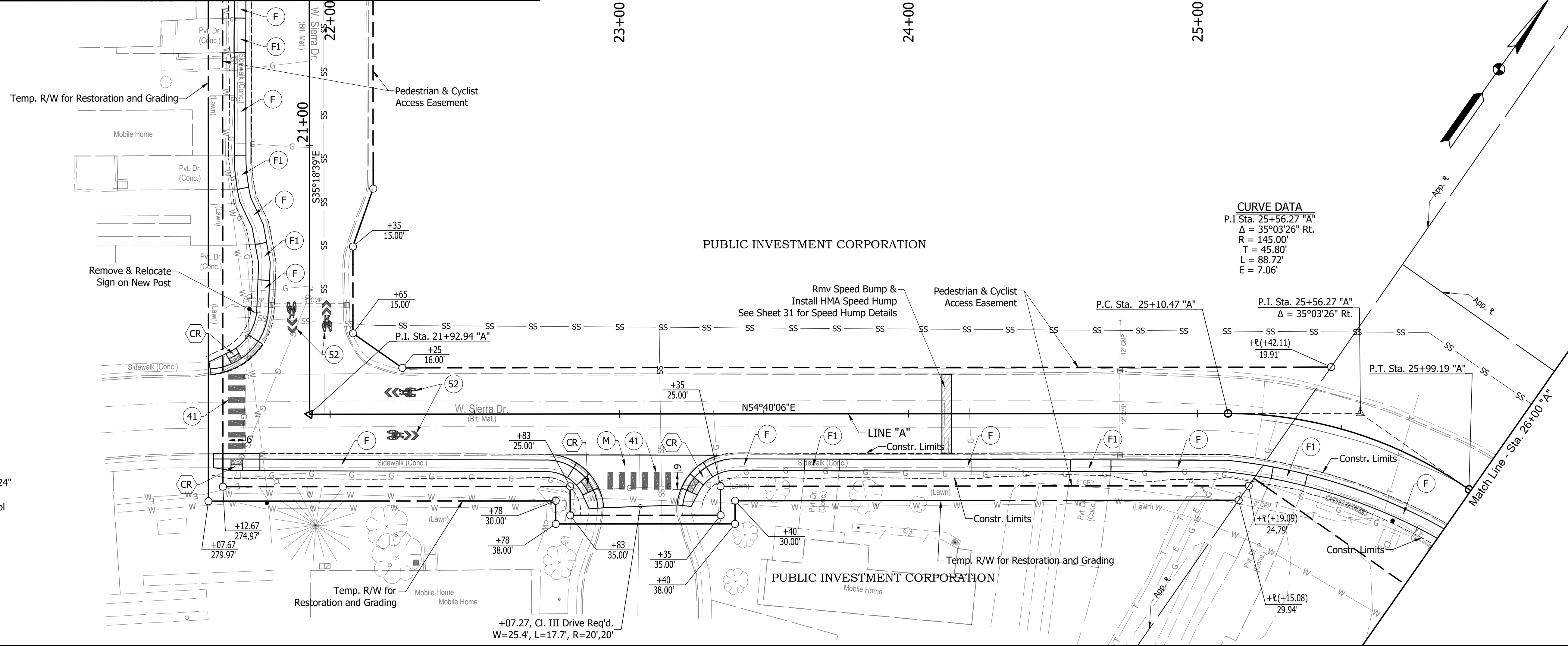


<p>300</p> <p>1. 5. Wood Cur. Wood Post-23.40' x 200' Az 2. 5. Wood Cur. Wood Post-13.20' x 200' Az 3. 5. Wood Cur. Wood Post-13.20' x 200' Az 4. 5. Wood Cur. Wood Post-13.20' x 200' Az 5. 5. Wood Cur. Wood Post-13.20' x 200' Az</p> <p>0.0000 Sta. 10+00.00 P.W. 0' R/W Mag. N. 114.00' (Set 12/7/2021)</p>	<p>301</p> <p>1. 191.664.034 E: 76.602.254</p> <p>1. Mag. N. 114.00' P.W. 0' R/W 2. Mag. N. 114.00' P.W. 0' R/W 3. Mag. N. 114.00' P.W. 0' R/W 4. Mag. N. 114.00' P.W. 0' R/W 5. Mag. N. 114.00' P.W. 0' R/W</p> <p>0.0000 Sta. 12+07.96 'A', 15.59' Lt. Mag. N. 114.00' (Set 12/7/2021)</p>	<p>RECOMMENDED FOR APPROVAL: _____</p> <p>DESIGN ENGINEER: _____ DATE: XX/XX/2021</p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR</p> <p>PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 13 OF 109</p> <p>PROJECT 1900405</p>
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I:\660200\241\660200\0000\Proj\Development\Drawings\660200\00_451_JMN.dwg Jessica Nix Plot: 3/29/2022 5:59 PM Saves: 3/29/2022 5:56 PM

BFS NO. 660200.00

Match Line - Sta. 20+50 "A"

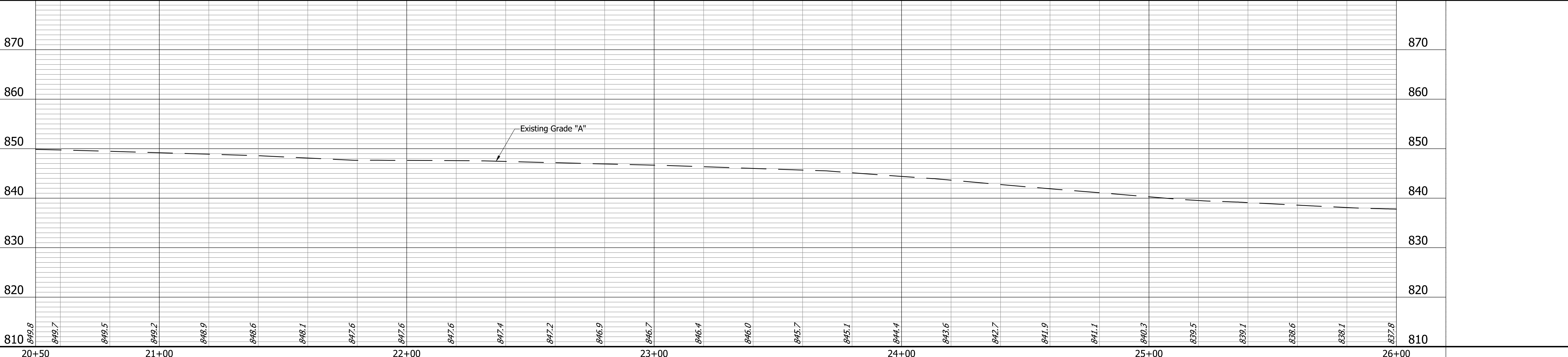


CURVE DATA
 P.I. Sta. 25+56.27 "A"
 $\Delta = 35^{\circ}03'26"$ Rt.
 R = 145.00'
 T = 45.80'
 L = 88.72'
 E = 7.06'

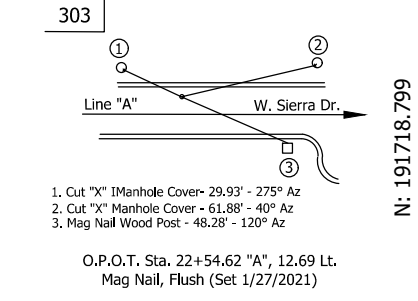
LEGEND

- (F) Concrete Sidewalk, 4"
- (F1) Concrete Sidewalk, 6"
- (CR) Curb Ramp
- (M) HMA for Approaches, Type B Consisting of:
 165 #/syd HMA Surface, Type B, on
 275 #/syd HMA Intermediate, Type B, on
 660 #/syd HMA Base, Type B, on
 Subgrade Treatment Type II, on
 Geogrid, Type 1B
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
- (52) Pavement Message Marking, Thermoplastic, Bike Symbol

ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



870	870
860	860
850	850
840	840
830	830
820	820
810	810



303
 Line "A"
 W. Sierra Dr.
 N: 107118.799
 E: 765438.627
 O.P.O.T. Sta. 22+54.62 "A", 12.69 L.
 Plug Hole, (North Side, 1.27' (2021))

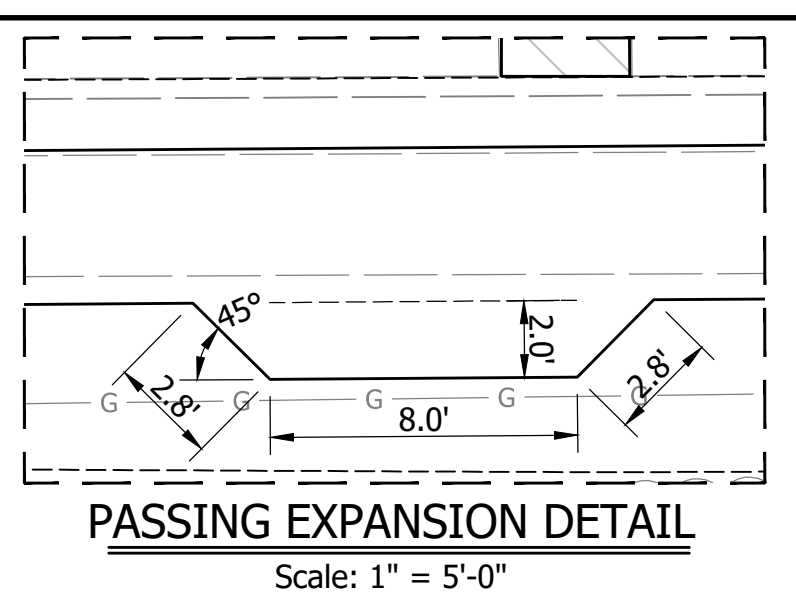
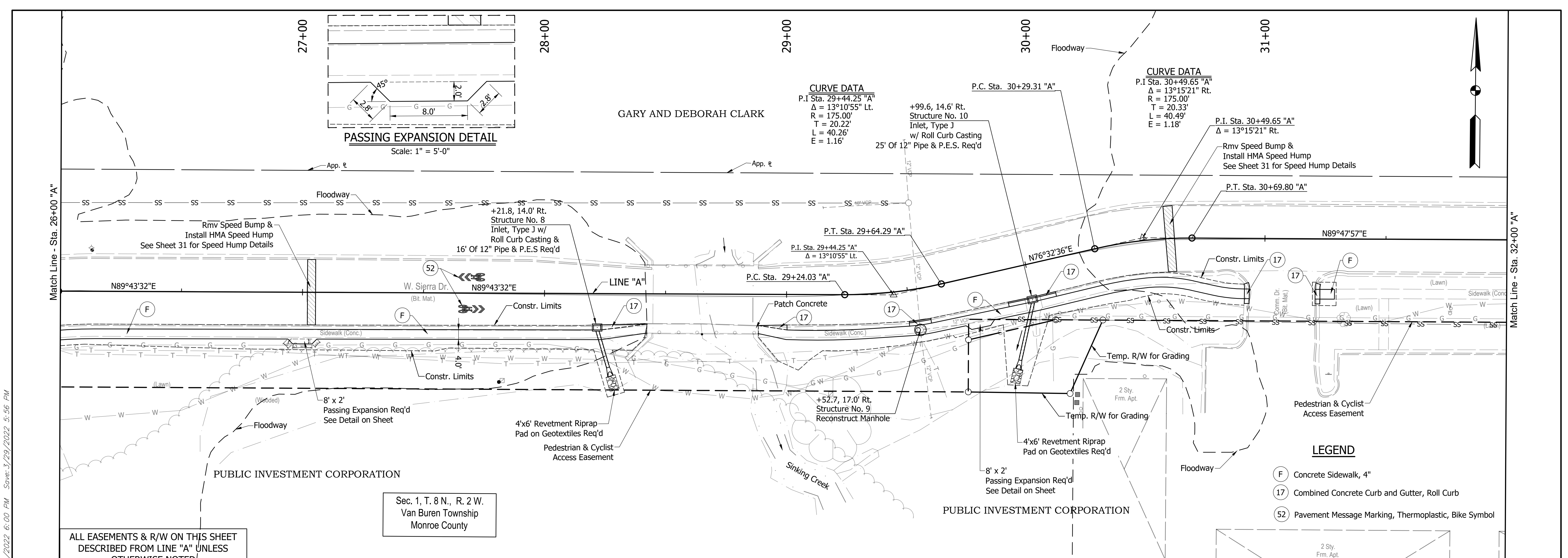
RECOMMENDED FOR APPROVAL: _____
 DESIGN ENGINEER: _____ DATE: XX/XX/2021
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 PLAN & PROFILES

HORIZONTAL SCALE 1"=20'	BRIDGE FILE ----
VERTICAL SCALE 1"=10'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 15 OF 109
CONTRACT R-41898	PROJECT 1900405

I:\660200\0000\660200\0000\Proj\Development\Drawings\660200\00_451_MN.dwg Jessica Nix Plot: 3/29/2022 6:00 PM Saves: 3/29/2022 5:56 PM

BFS NO. 660200.00



CURVE DATA
 P.I. Sta. 29+44.25 "A"
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 $R = 175.00'$
 $T = 20.22'$
 $L = 40.26'$
 $E = 1.16'$

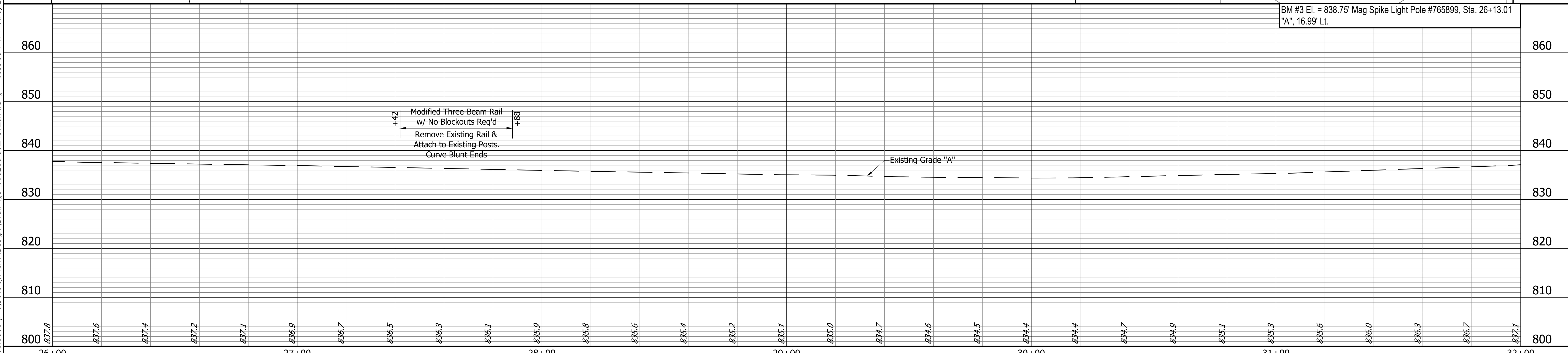
CURVE DATA
 P.I. Sta. 30+49.65 "A"
 $\Delta = 13^\circ 15' 21''$ Rt.
 $R = 175.00'$
 $T = 20.33'$
 $L = 40.49'$
 $E = 1.18'$

- LEGEND**
- (F) Concrete Sidewalk, 4"
 - (17) Combined Concrete Curb and Gutter, Roll Curb
 - (52) Pavement Message Marking, Thermoplastic, Bike Symbol

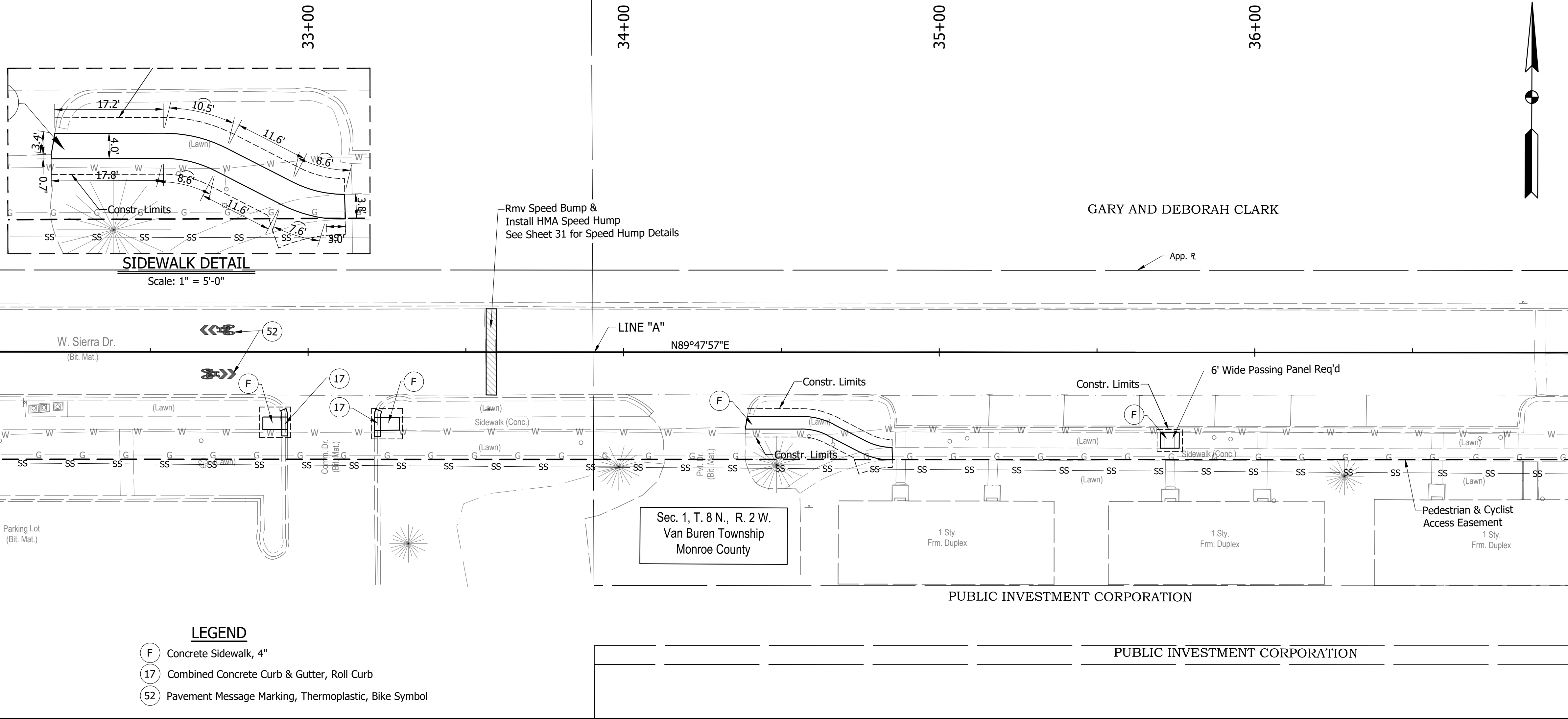
ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

Sec. 1, T. 8 N., R. 2 W.
 Van Buren Township
 Monroe County

I:\660200\0000\Proj\Development\Drawings\660200\00_451_JMW.dwg Jessica Nix Plot: 3/29/2022 6:00 PM Saves: 3/29/2022 5:56 PM



<p>304</p> <p>1. Mag Spike Light Pole #765899 - 24.52' - 200' Az 2. El. of Top of Bench Mark - 838.75 3. Mag Spike Light Pole #765899 - 24.52' - 200' Az</p> <p>N: 762779.189 E: 762779.189</p>	<p>305</p> <p>1. G. Roll Curb - 14.00' - 100' Az 2. G. Roll Curb - 12.00' - 200' Az 3. Mag Spike Light Pole #765899 - 24.52' - 200' Az</p> <p>N: 763039.863 E: 763039.863</p>	<p>RECOMMENDED FOR APPROVAL: _____ DATE: <u>XX/XX/2021</u></p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR</p> <p>PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 16 OF 109</p> <p>PROJECT 1900405</p>
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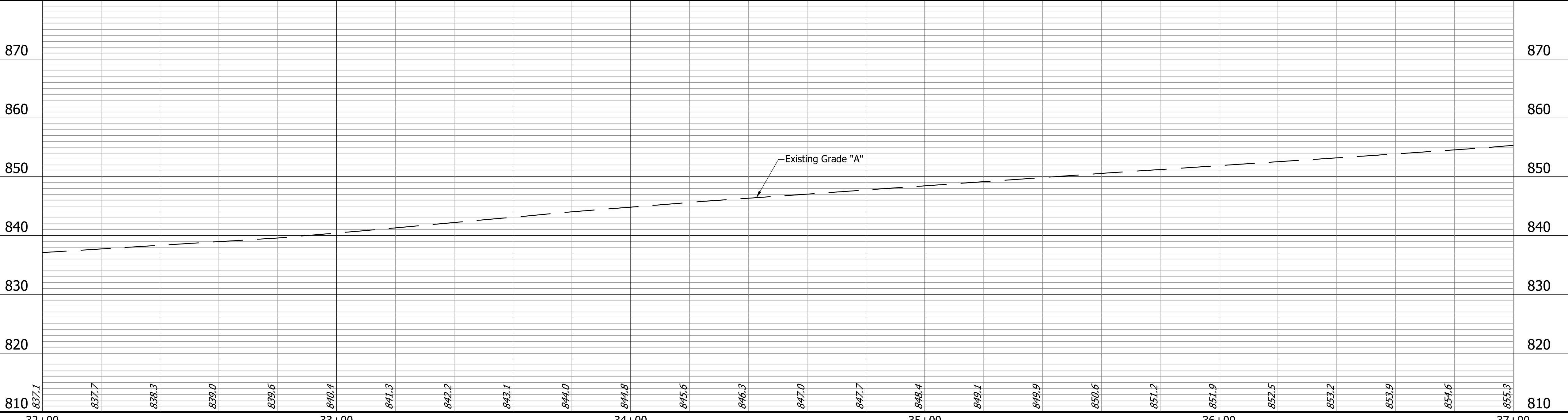
Match Line - Sta. 32+00 "A"

Match Line - Sta. 37+00 "A"

SIDEWALK DETAIL
Scale: 1" = 5'-0"

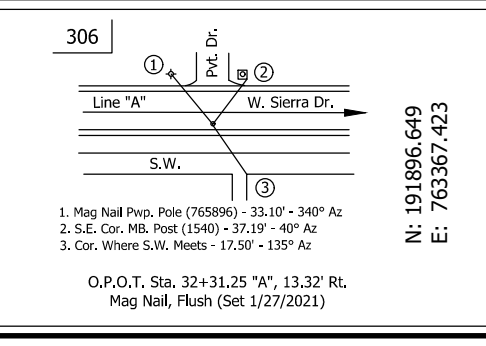
- LEGEND**
- (F) Concrete Sidewalk, 4"
 - (17) Combined Concrete Curb & Gutter, Roll Curb
 - (52) Pavement Message Marking, Thermoplastic, Bike Symbol

ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



870	870
860	860
850	850
840	840
830	830
820	820
810	810

I:\660200\660200\0000\Proj\Development\Drawings\660200\00_451_MN.dwg Jessica Nix Plot: 3/29/2022 6:00 PM Saves: 3/29/2022 5:56 PM



32+00	33+00	34+00	35+00	36+00	37+00
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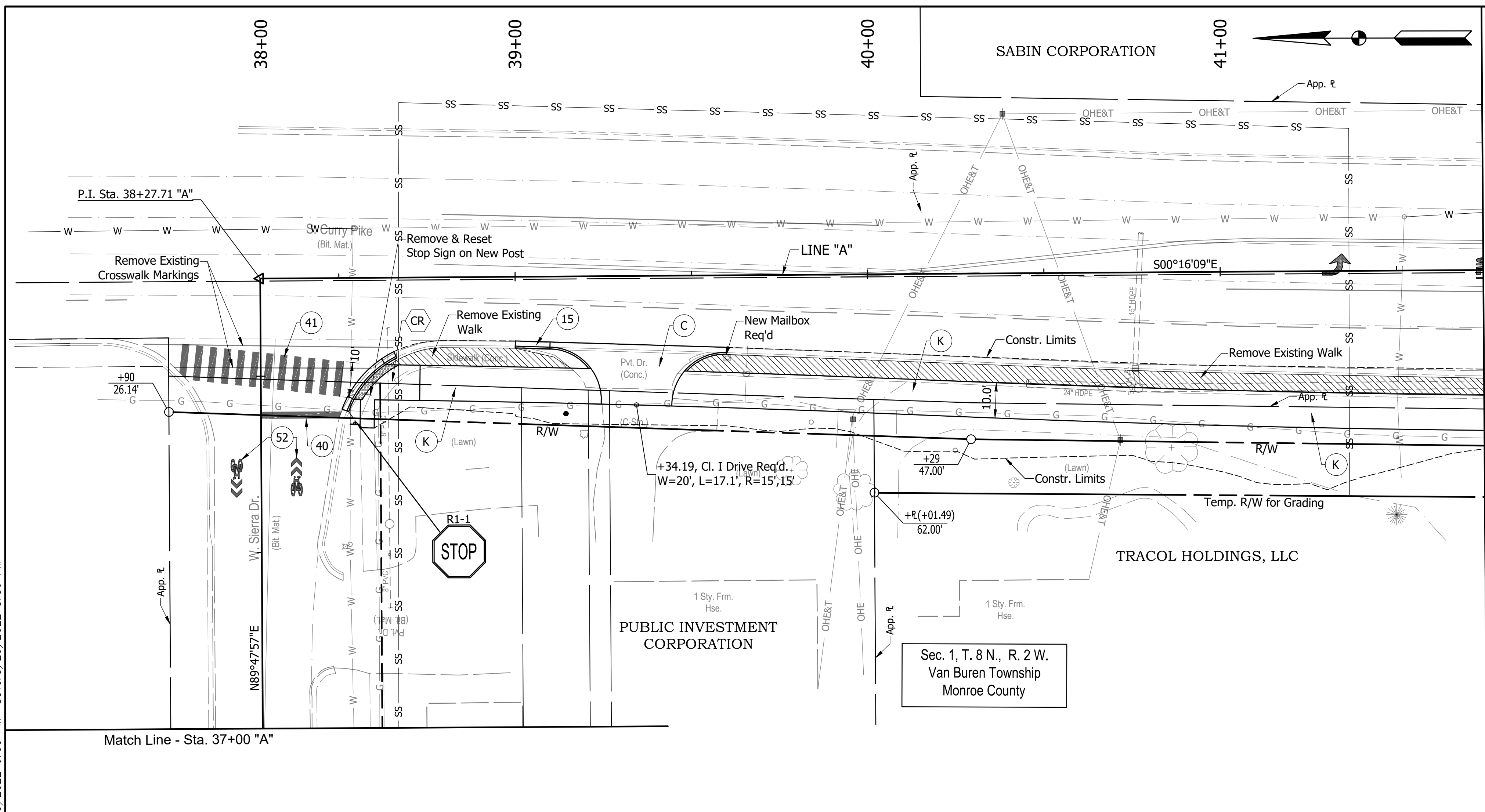
RECOMMENDED FOR APPROVAL: _____ DATE: XX/XX/2021
DESIGN ENGINEER

DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
PLAN & PROFILES

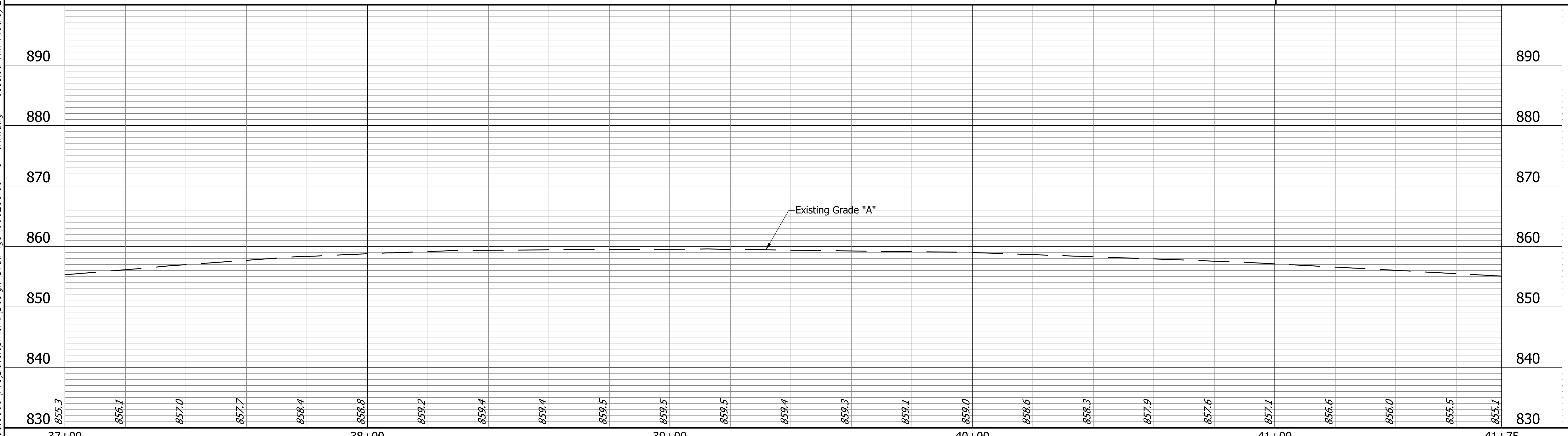
HORIZONTAL SCALE 1"=20'	BRIDGE FILE ----
VERTICAL SCALE 1"=10'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 17 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00



- LEGEND**
- (C) PCCP For Approaches, 6" Dense Graded Subbase, 6", on Subgrade Treatment Type II
 - (K) HMA for Sidewalk Consisting of: 110 #/syd HMA Surface, Type B on 330 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
 - (CR) Curb Ramp
 - (15) Combined Concrete Curb and Gutter
 - (40) Line, Thermoplastic, Stop Line, 24"
 - (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
 - (52) Pavement Message Marking, Thermoplastic, Bike Symbol

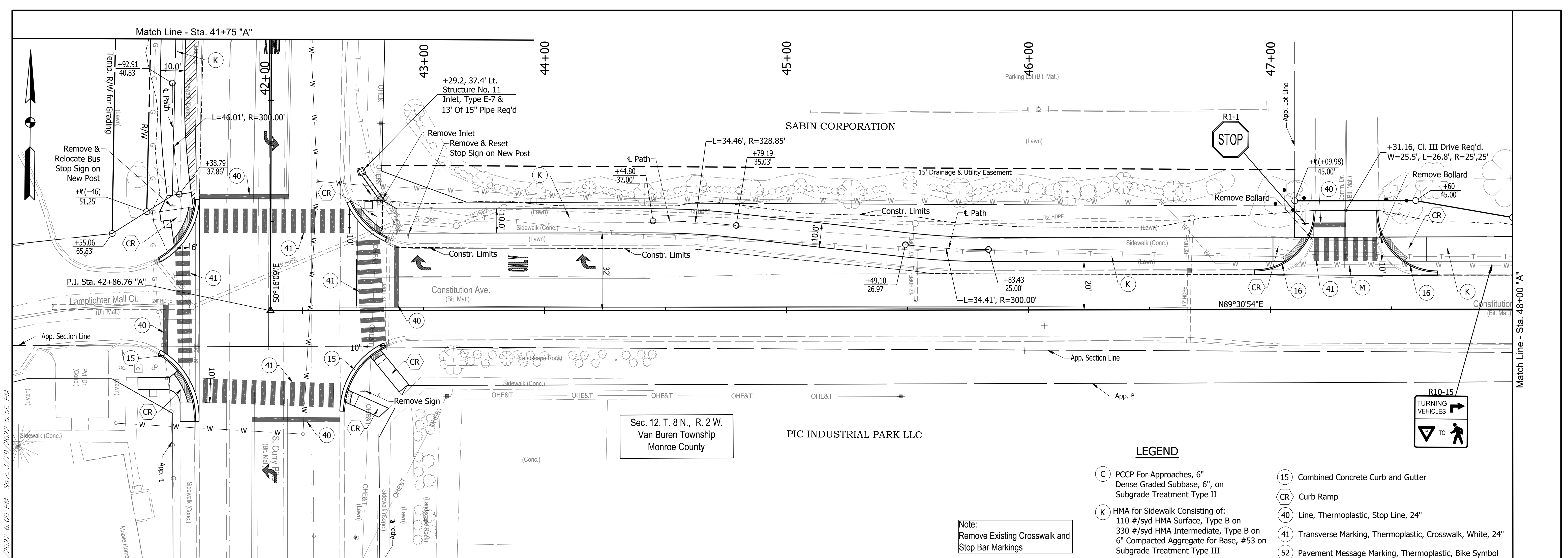
ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



<p>307</p> <p>1. Reg. Plat. 19930.669 2. N. Plat. of 19930.669 3. Top Plat. of 19930.669</p> <p>N: 191930.669 E: 763915.100</p>	<p>RECOMMENDED FOR APPROVAL: _____</p> <p>DESIGN ENGINEER: _____ DATE: XX/XX/2021</p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 18 OF 109</p> <p>PROJECT 1900405</p>
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660200.00

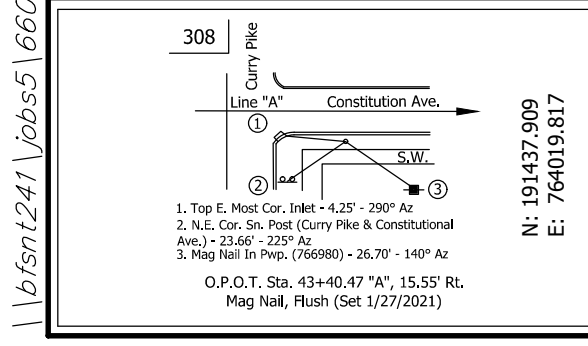
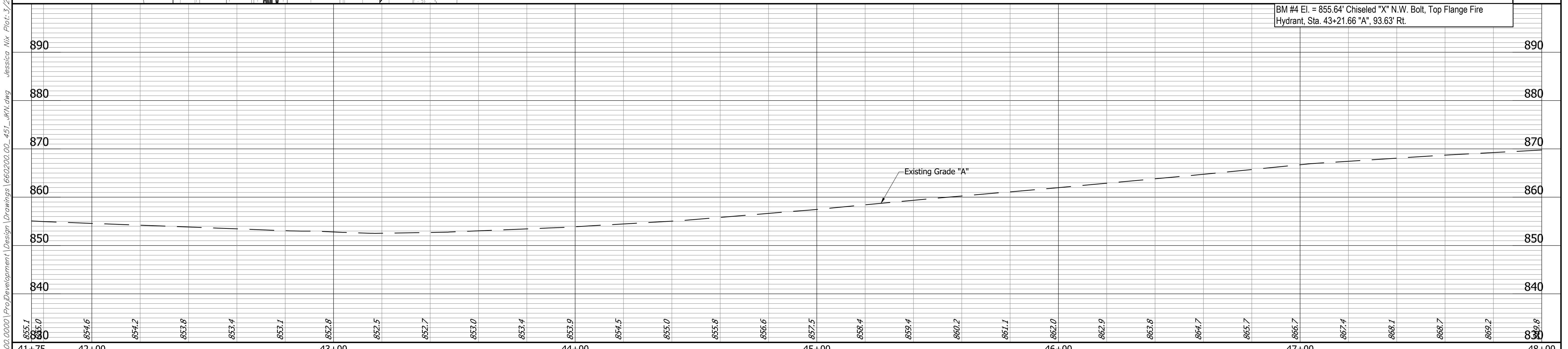


Sec. 12, T. 8 N., R. 2 W.
Van Buren Township
Monroe County

LEGEND

- (C) PCCP For Approaches, 6" Dense Graded Subbase, 6", on Subgrade Treatment Type II
- (K) HMA for Sidewalk Consisting of: 110 #/syd HMA Surface, Type B on 330 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
- (15) Combined Concrete Curb and Gutter
- (CR) Curb Ramp
- (40) Line, Thermoplastic, Stop Line, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
- (52) Pavement Message Marking, Thermoplastic, Bike Symbol

Note:
Remove Existing Crosswalk and Stop Bar Markings



DESIGNED: DAV	DRAWN: JDW
CHECKED: AH	CHECKED: DAV

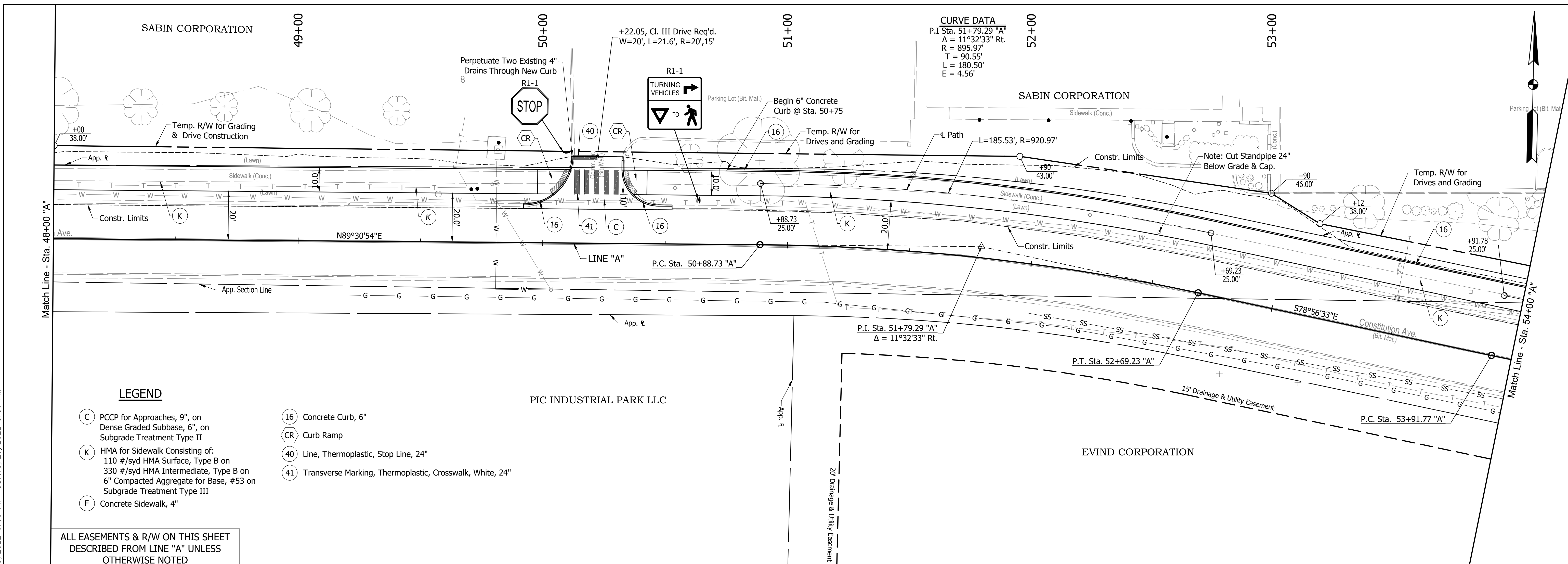
RECOMMENDED FOR APPROVAL: _____
DESIGN ENGINEER: _____ DATE: XX/XX/2021

INDIANA DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
PLAN & PROFILES

HORIZONTAL SCALE 1"=20'	BRIDGE FILE ----
VERTICAL SCALE 1"=10'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 19 OF 109
CONTRACT R-41898	PROJECT 1900405

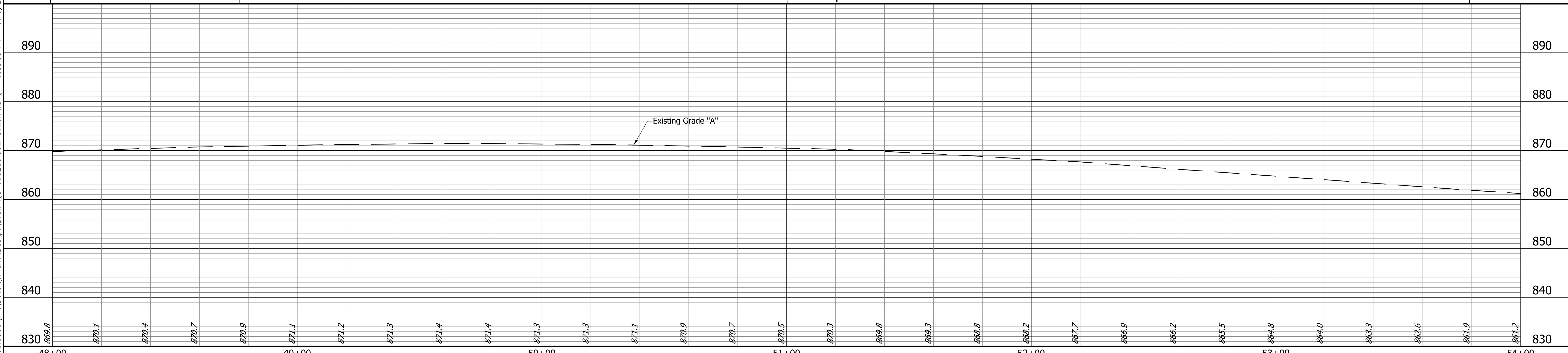
I:\660200\0000\660200\0000\Proj\Development\Drawings\660200\00_451_MN.dwg Jessica, Nik Plot: 3/29/2022 5:56 PM
 1. Title Block: 01/28/2014 14:25:20
 2. N.E. Cor. Sta. Plan (Only Pipe & Constitutional) 3/29/2022 12:39:49
 3. Road Not In Prop. (2018) - 26.79' - 140' Az
 O.P.D.T. Sta. 43+40.41' W. 15.23' Rt.
 Map Not. North (S) 1/27/2023

BFS NO. 660200.00



- LEGEND**
- (C) PCCP for Approaches, 9", on Dense Graded Subbase, 6", on Subgrade Treatment Type II
 - (K) HMA for Sidewalk Consisting of: 110 #/syd HMA Surface, Type B on 330 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
 - (F) Concrete Sidewalk, 4"
 - (16) Concrete Curb, 6"
 - (CR) Curb Ramp
 - (40) Line, Thermoplastic, Stop Line, 24"
 - (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"

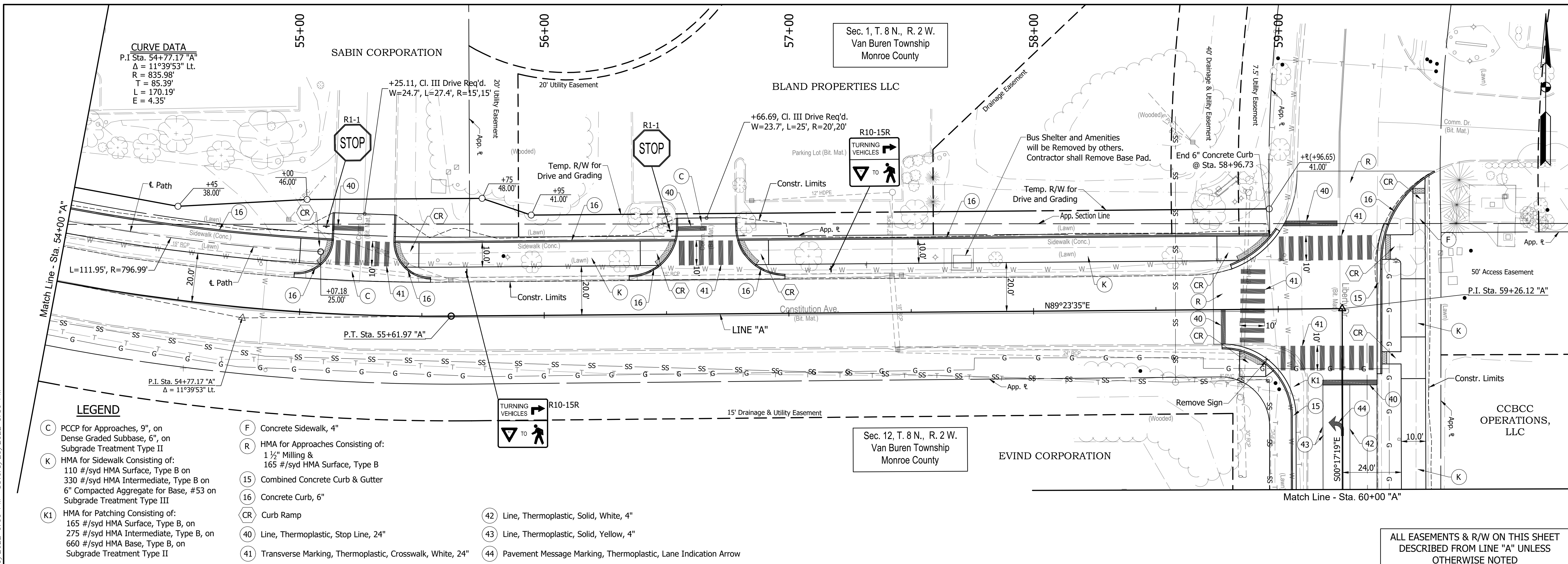
ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



	<p>RECOMMENDED FOR APPROVAL: _____ DATE: <u>XX/XX/2021</u></p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR</p> <p>PLAN & PROFILES</p>	<p>HORIZONTAL SCALE: 1"=20'</p> <p>VERTICAL SCALE: 1"=10'</p> <p>SURVEY BOOK: ELECTRONIC</p> <p>CONTRACT: R-41898</p>	<p>BRIDGE FILE: _____</p> <p>DESIGNATION: 1900405</p> <p>SHEET: 20 OF 109</p> <p>PROJECT: 1900405</p>
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660200.00

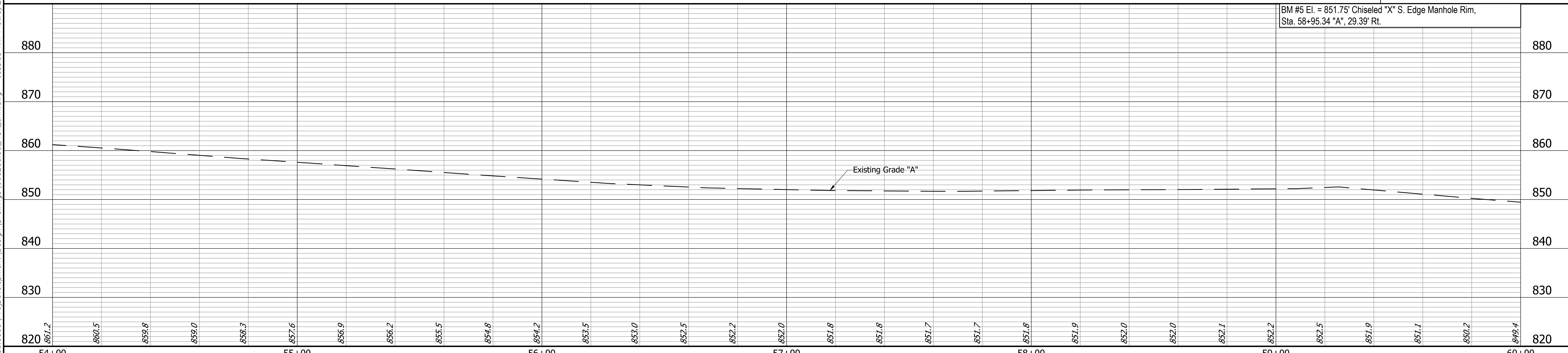


CURVE DATA
 P.I. Sta. 54+77.17 "A"
 $\Delta = 11^{\circ}39'53"$ Lt.
 $R = 835.98'$
 $T = 85.39'$
 $L = 170.19'$
 $E = 4.35'$

LEGEND

- (C) PCCP for Approaches, 9", on Dense Graded Subbase, 6", on Subgrade Treatment Type II
- (K) HMA for Sidewalk Consisting of: 110 #/syd HMA Surface, Type B on 330 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
- (K1) HMA for Patching Consisting of: 165 #/syd HMA Surface, Type B, on 275 #/syd HMA Intermediate, Type B, on 660 #/syd HMA Base, Type B, on Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (R) HMA for Approaches Consisting of: 1 1/2" Milling & 165 #/syd HMA Surface, Type B
- (15) Combined Concrete Curb & Gutter
- (16) Concrete Curb, 6"
- (CR) Curb Ramp
- (40) Line, Thermoplastic, Stop Line, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
- (42) Line, Thermoplastic, Solid, White, 4"
- (43) Line, Thermoplastic, Solid, Yellow, 4"
- (44) Pavement Message Marking, Thermoplastic, Lane Indication Arrow

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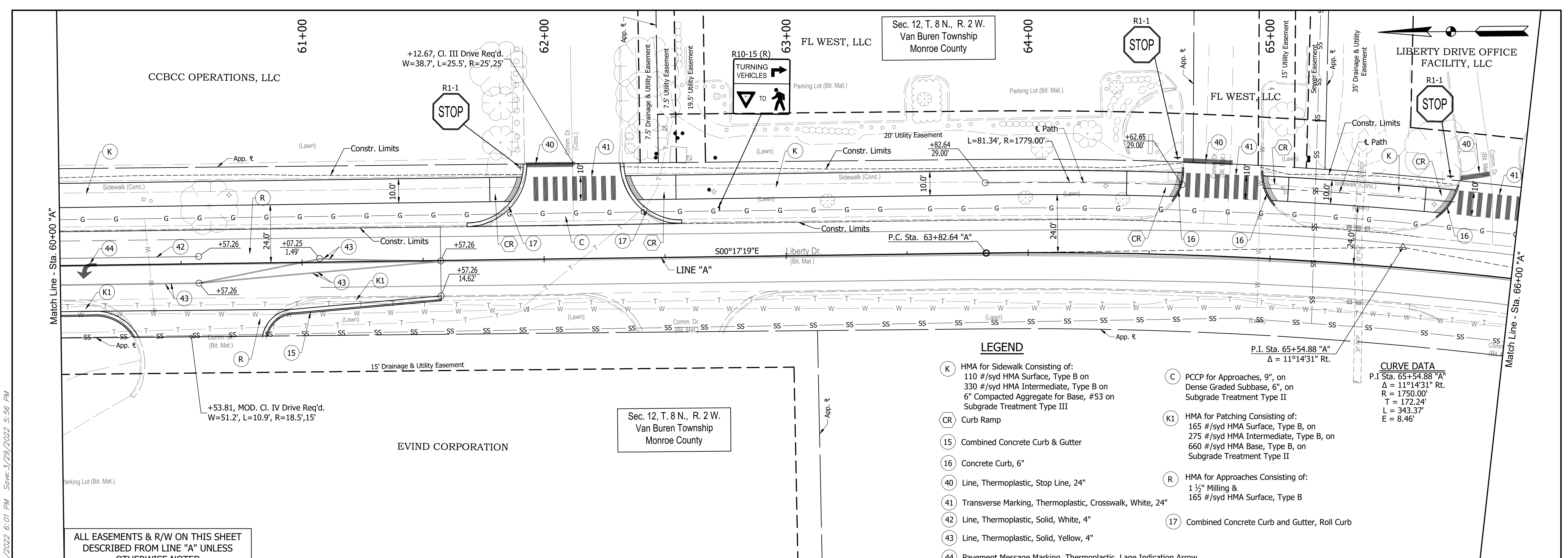


<p>311</p> <p>1. S.E. Cor. Top Spot (C&G) = 25.27' - 10" A 2. Top of 'C' 'Narrow Crown (B&G) = 4.51' - 28" A 3. Top of 'N' 'Narrow Crown' = 73.27' - 10" A</p> <p>N: 191433.753 E: 765463.304</p>	<p>312</p> <p>1. S.E. Cor. Top Spot (C&G) = 8.00' - 10" A 2. Top of 'C' 'Narrow Crown (B&G) = 4.51' - 28" A 3. Top of 'N' 'Narrow Crown' = 73.27' - 10" A</p> <p>N: 191380.148 E: 765574.555</p>	<p>RECOMMENDED FOR APPROVAL: _____</p> <p>DESIGN ENGINEER: _____ DATE: XX/XX/2021</p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 21 OF 109</p> <p>PROJECT 1900405</p>
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ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

BM #5 El. = 851.75' Chiseled "X" S. Edge Manhole Rim, Sta. 58+95.34 "A", 29.39' Rt.

66020000

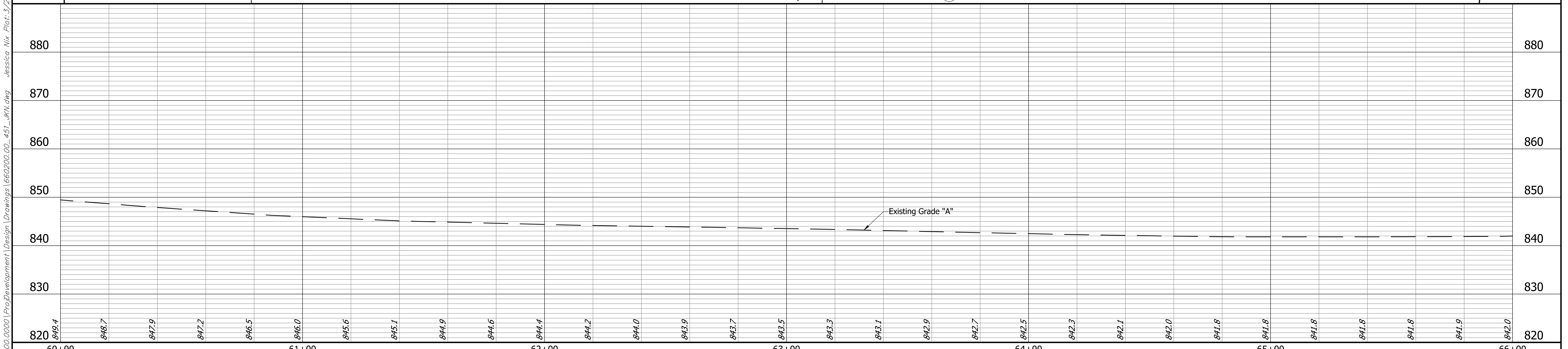


LEGEND

- (K) HMA for Sidewalk Consisting of:
110 #/syd HMA Surface, Type B on
330 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (CR) Curb Ramp
- (15) Combined Concrete Curb & Gutter
- (16) Concrete Curb, 6"
- (40) Line, Thermoplastic, Stop Line, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
- (42) Line, Thermoplastic, Solid, White, 4"
- (43) Line, Thermoplastic, Solid, Yellow, 4"
- (44) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (C) PCCP for Approaches, 9", on
Dense Graded Subbase, 6", on
Subgrade Treatment Type II
- (K1) HMA for Patching Consisting of:
165 #/syd HMA Surface, Type B, on
275 #/syd HMA Intermediate, Type B, on
660 #/syd HMA Base, Type B, on
Subgrade Treatment Type II
- (R) HMA for Approaches Consisting of:
1 1/2" Milling &
165 #/syd HMA Surface, Type B
- (17) Combined Concrete Curb and Gutter, Roll Curb

CURVE DATA
 P.I. Sta. 65+54.88 "A"
 $\Delta = 11^\circ 14' 31''$ Rt.
 $R = 1750.00'$
 $L = 343.37'$
 $E = 8.46'$

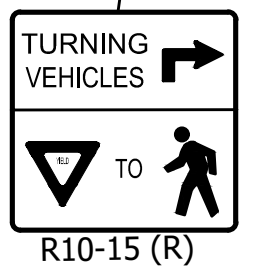
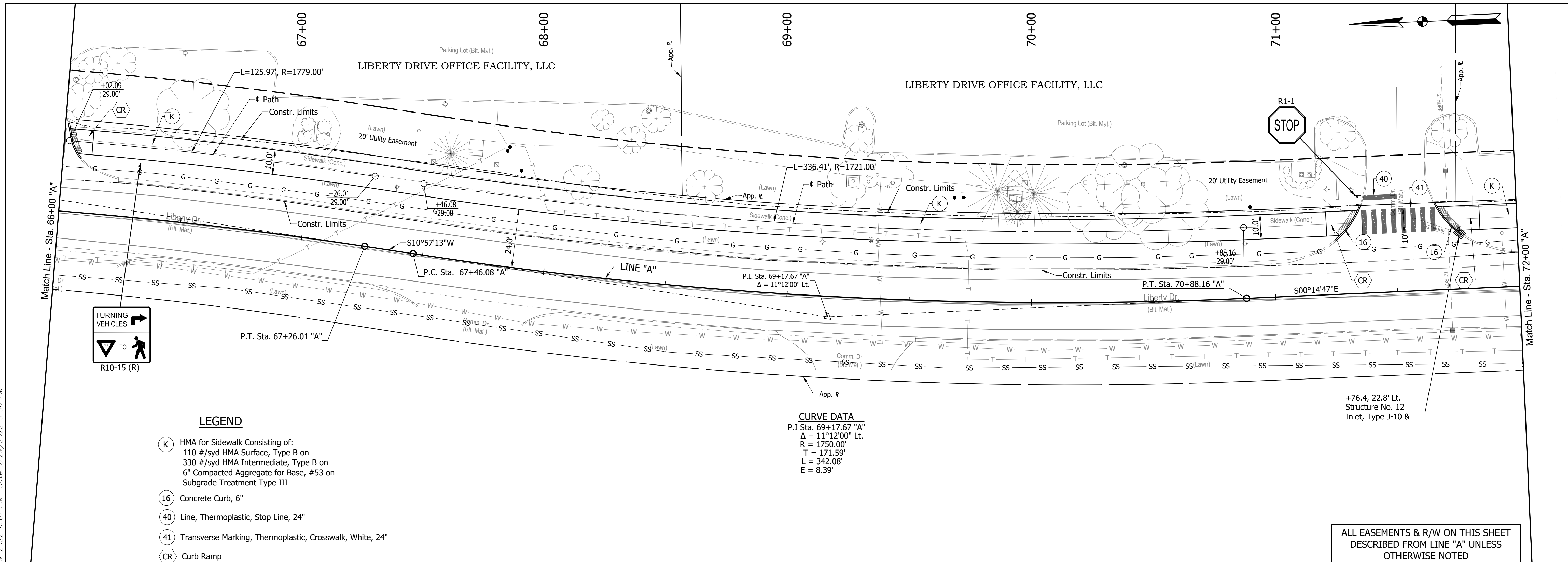
ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



<p>113</p> <p>1. Back Curb Height Sidewalk - 34.50" - 10" Az 2. Back Curb Height Sidewalk - 33.00" - 10" Az 3. High Rail 12" Concrete Trench - 33.00" - 10" Az O.P. 01. Sta. 64+59.40 74', 36.35' E.L. Map Book, Plan (Sec. 1/27/2021)</p> <p>NE: 190837.288 E: 765626.483</p>	<p>RECOMMENDED FOR APPROVAL: _____ DATE: <u>XX/XX/2021</u></p> <p>DESIGNED: DAV DRAWN: JDW</p> <p>CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR</p> <p>PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 22 OF 109</p> <p>PROJECT 1900405</p>
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660200.00
 BFS NO.



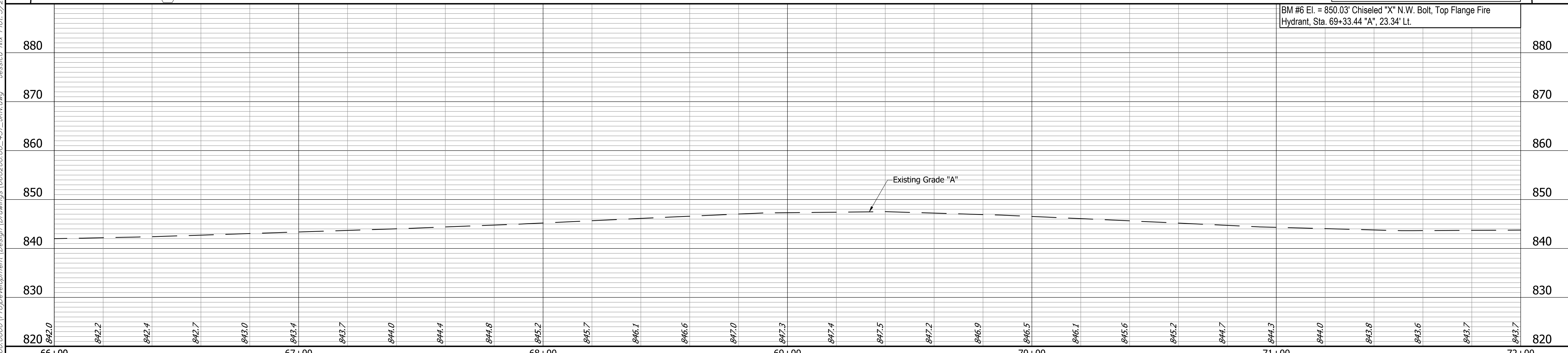
LEGEND

- (K) HMA for Sidewalk Consisting of:
110 #/syd HMA Surface, Type B on
330 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (16) Concrete Curb, 6"
- (40) Line, Thermoplastic, Stop Line, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"
- (CR) Curb Ramp

CURVE DATA
 P.I. Sta. 69+17.67 "A"
 $\Delta = 11^\circ 12' 00''$ Lt.
 R = 1750.00'
 T = 171.59'
 L = 342.08'
 E = 8.39'

ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

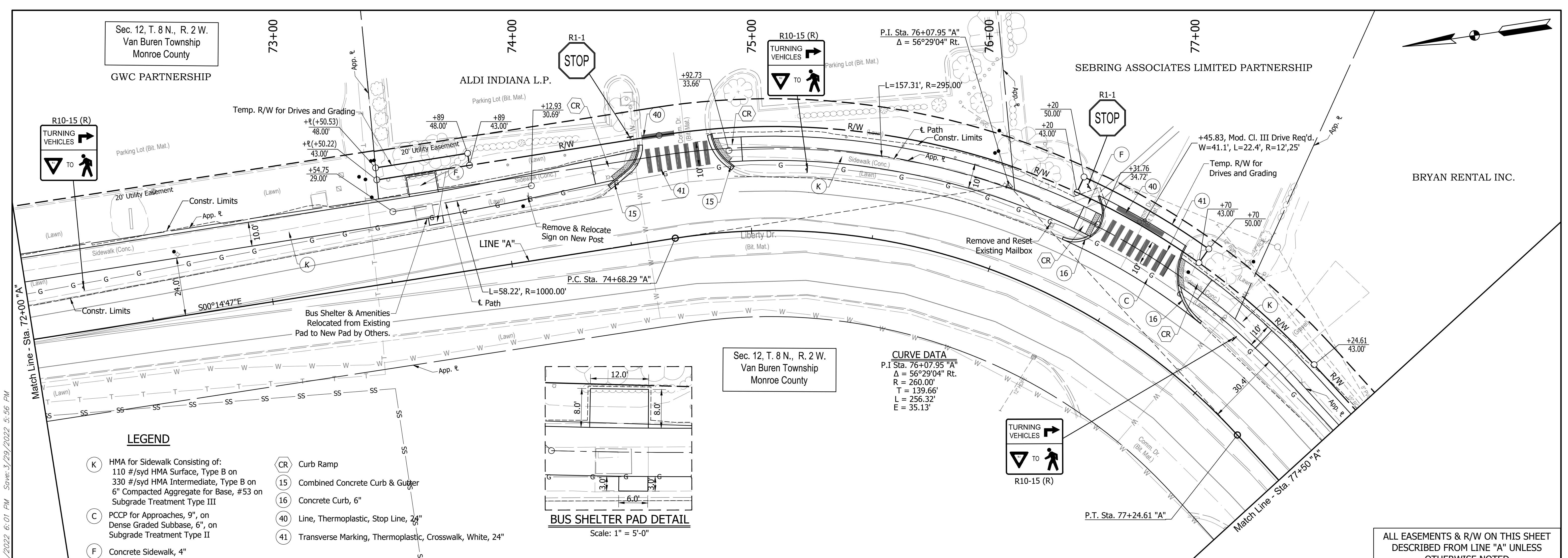
BM #6 El. = 850.03' Chiseled "X" N.W. Bolt, Top Flange Fire Hydrant, Sta. 69+33.44 "A", 23.34' Lt.



<p>314 Line "A" Liberty Dr.</p> <p>1. S.D. Co. Sign (P55000) 48.00' x 48" H 2. S.D. Co. Sign Post (55000) 24.00' x 24" H 3. Map Mail 12' Locust Tree - 25.94' x 20" H C/P2/LT, Sta. 69+48.00 "A", 23.34' Lt. Map Mail, Month (Set 1/27/2021)</p>	<p>RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER: _____ DATE: XX/XX/2021</p> <p>DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR PLAN & PROFILES</p>	<p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK ELECTRONIC</p> <p>CONTRACT R-41898</p>	<p>BRIDGE FILE ----</p> <p>DESIGNATION 1900405</p> <p>SHEET 23 OF 109</p> <p>PROJECT 1900405</p>
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660200.00
BFS NO.

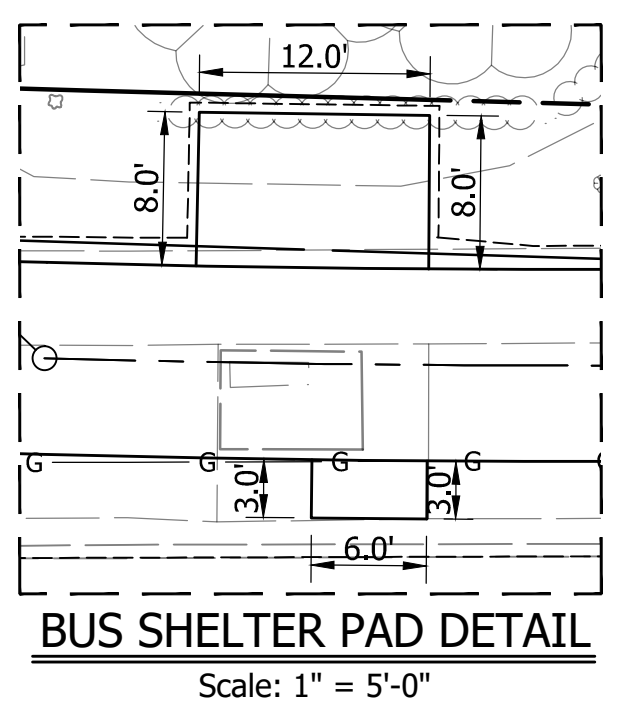


Sec. 12, T. 8 N., R. 2 W.
Van Buren Township
Monroe County

Sec. 12, T. 8 N., R. 2 W.
Van Buren Township
Monroe County

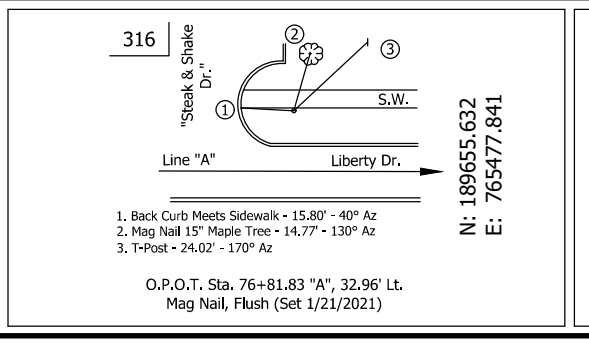
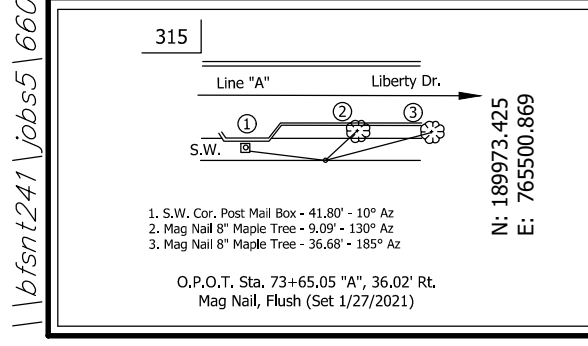
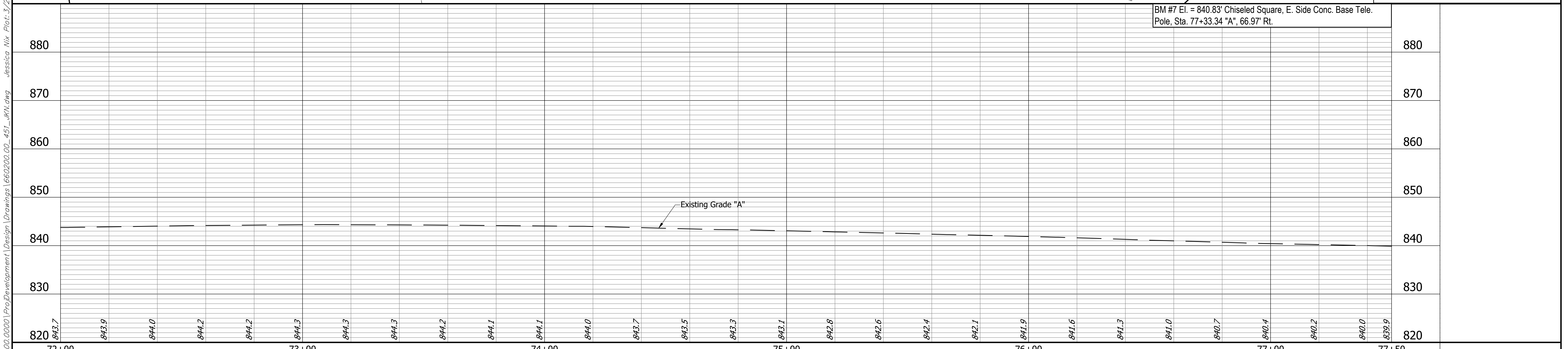
LEGEND

- (K) HMA for Sidewalk Consisting of:
110 #/syd HMA Surface, Type B on
330 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (C) PCCP for Approaches, 9", on
Dense Graded Subbase, 6", on
Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (CR) Curb Ramp
- (15) Combined Concrete Curb & Gutter
- (16) Concrete Curb, 6"
- (40) Line, Thermoplastic, Stop Line, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk, White, 24"



CURVE DATA
P.I. Sta. 76+07.95 "A"
 $\Delta = 56^{\circ}29'04"$ Rt.
R = 260.00'
T = 139.66'
L = 256.32'
E = 35.13'

ALL EASEMENTS & R/W ON THIS SHEET
DESCRIBED FROM LINE "A" UNLESS
OTHERWISE NOTED



RECOMMENDED FOR APPROVAL: _____
DESIGN ENGINEER: _____ DATE: XX/XX/2021
DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

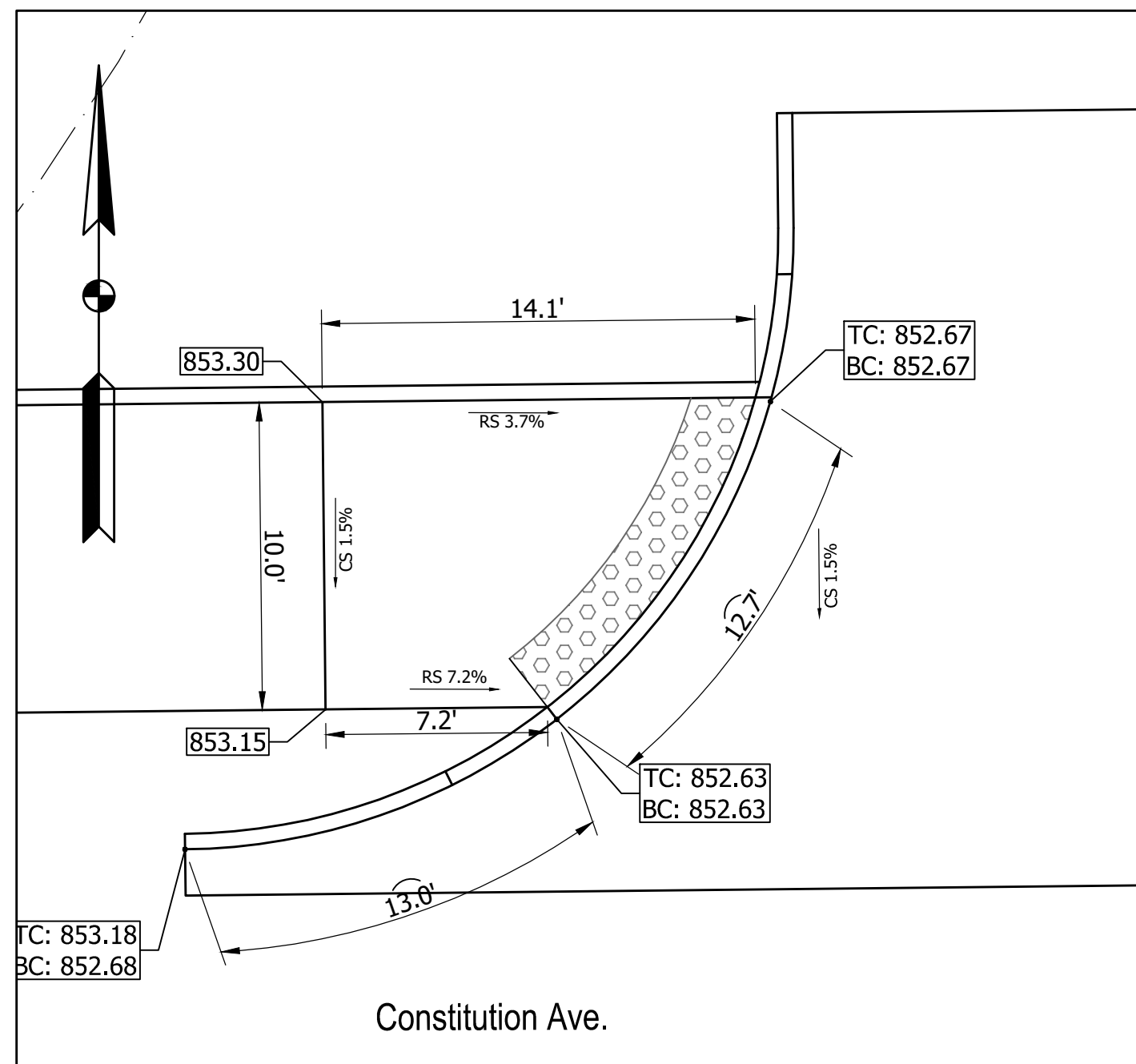
INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
PLAN & PROFILES

HORIZONTAL SCALE 1"=20'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 24 OF 109
CONTRACT R-41898	PROJECT 1900405

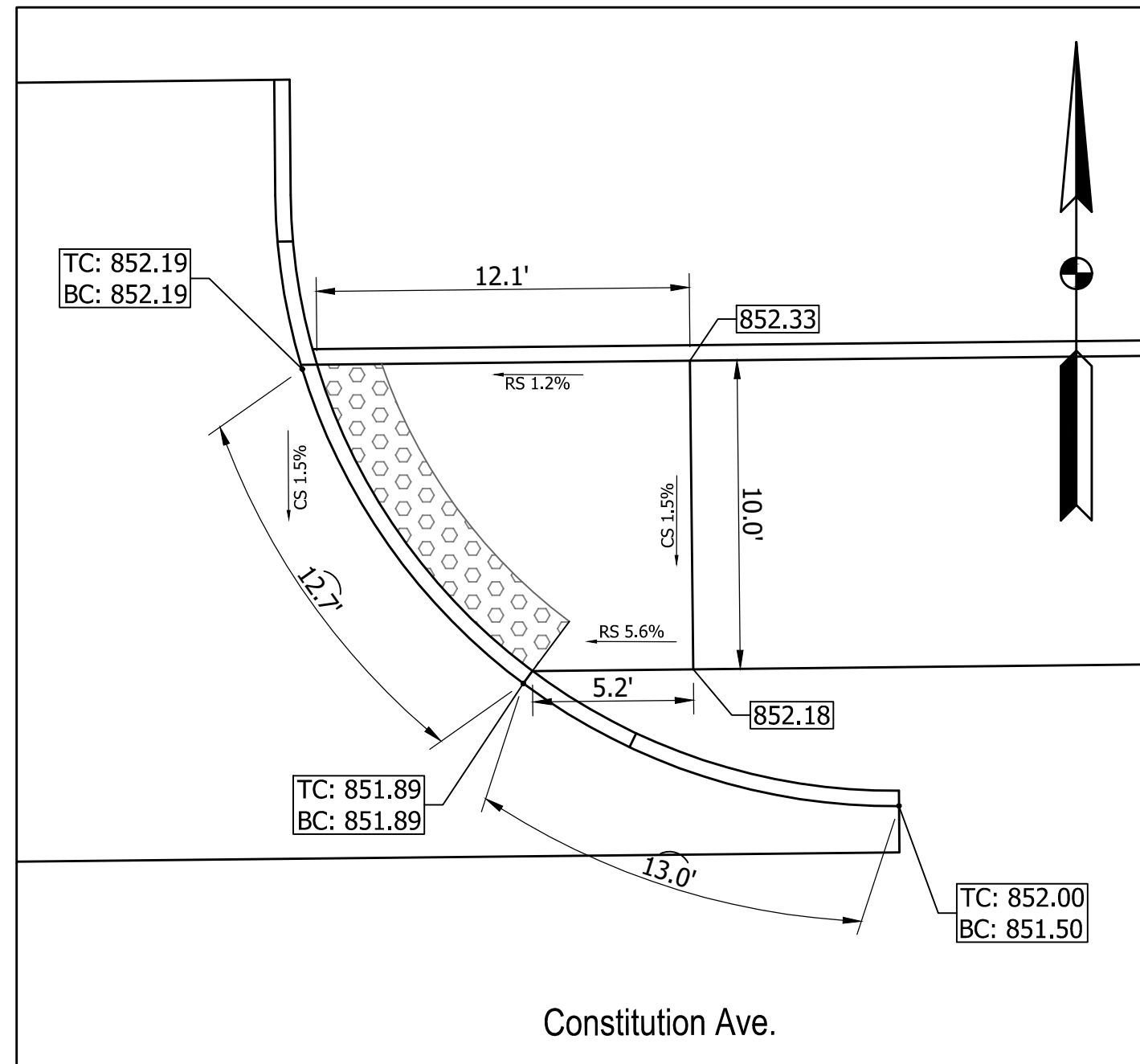
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BFS NO.

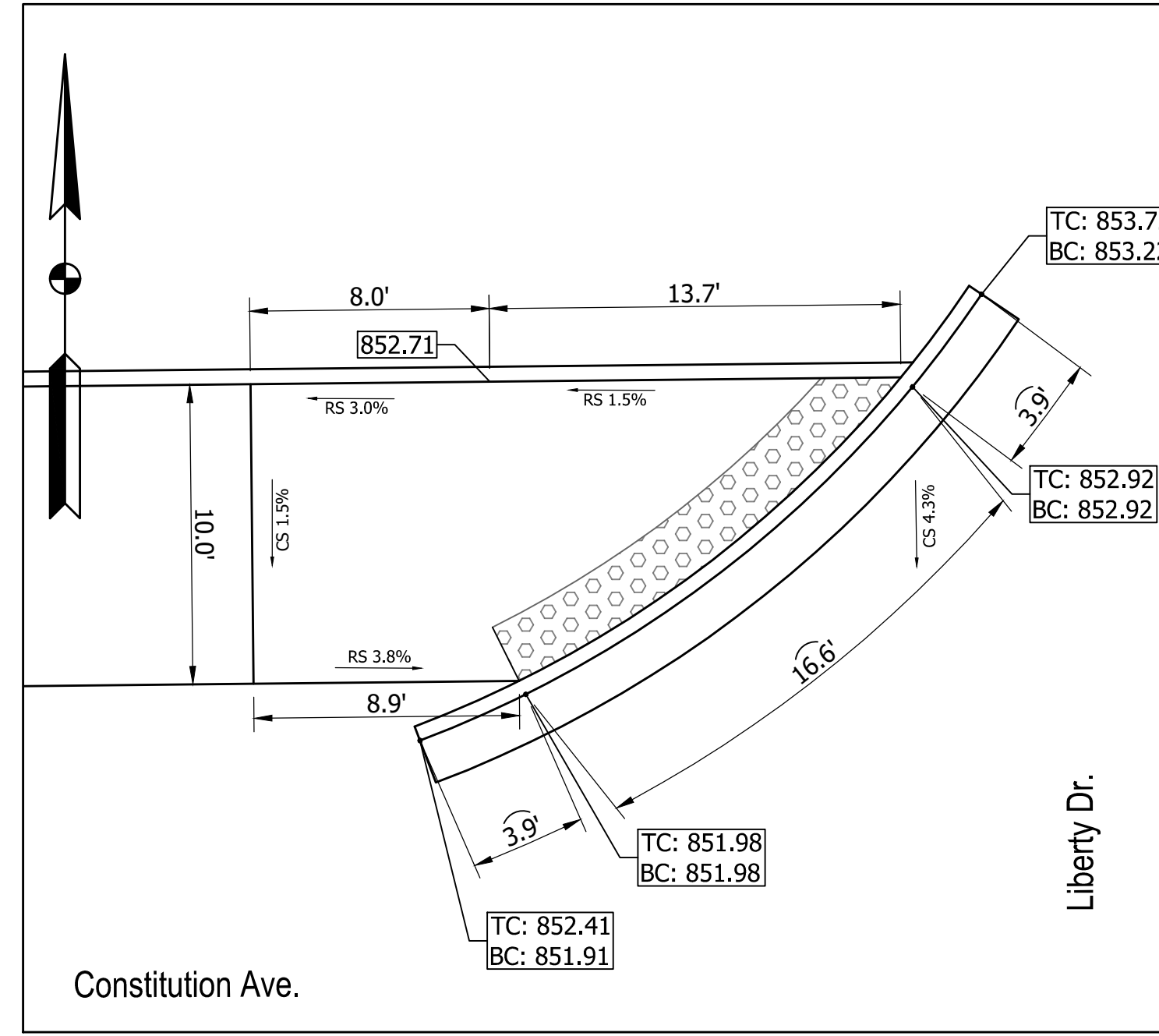
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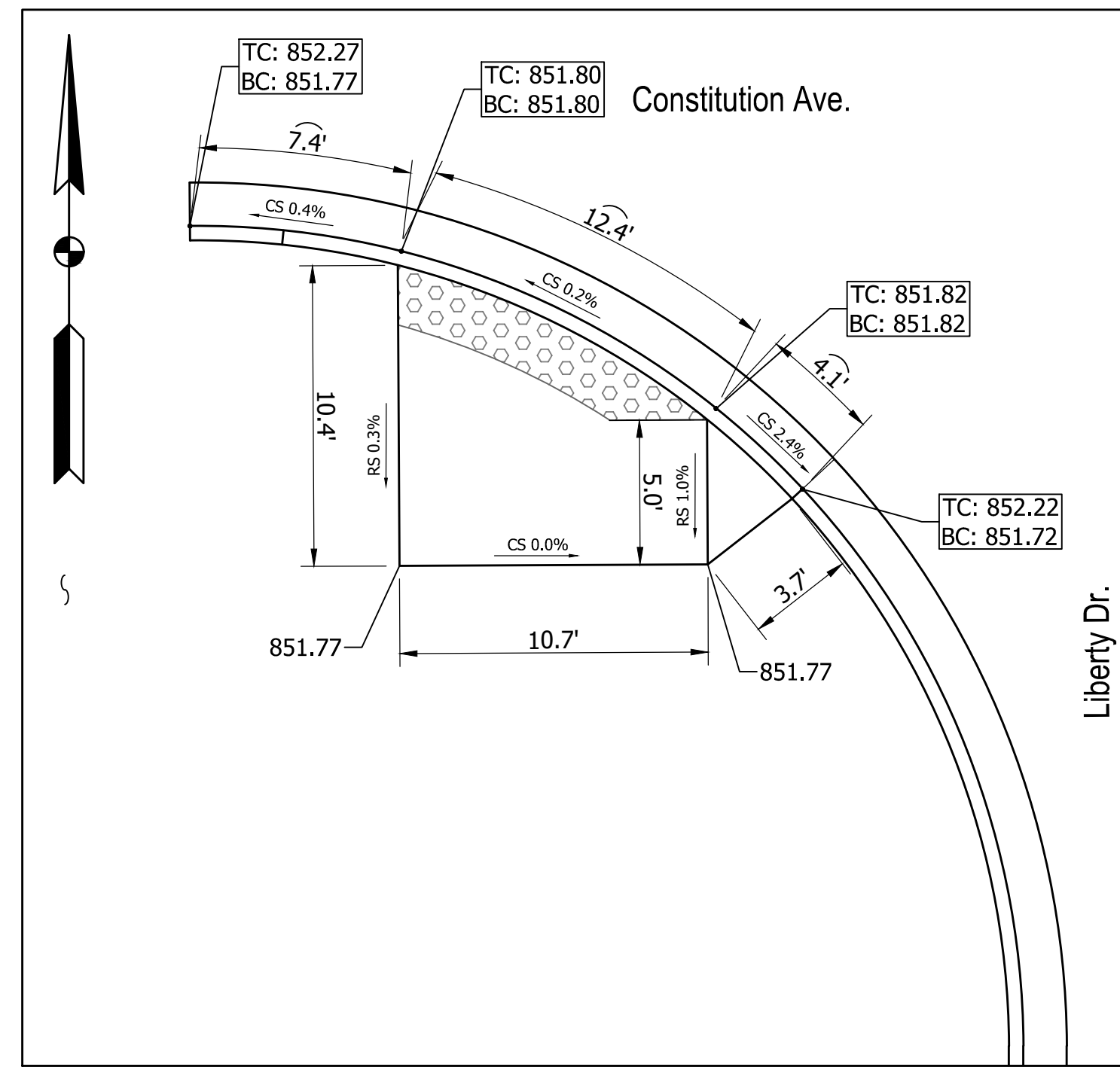
Constitution Ave. (W) @ Sta. 56+75



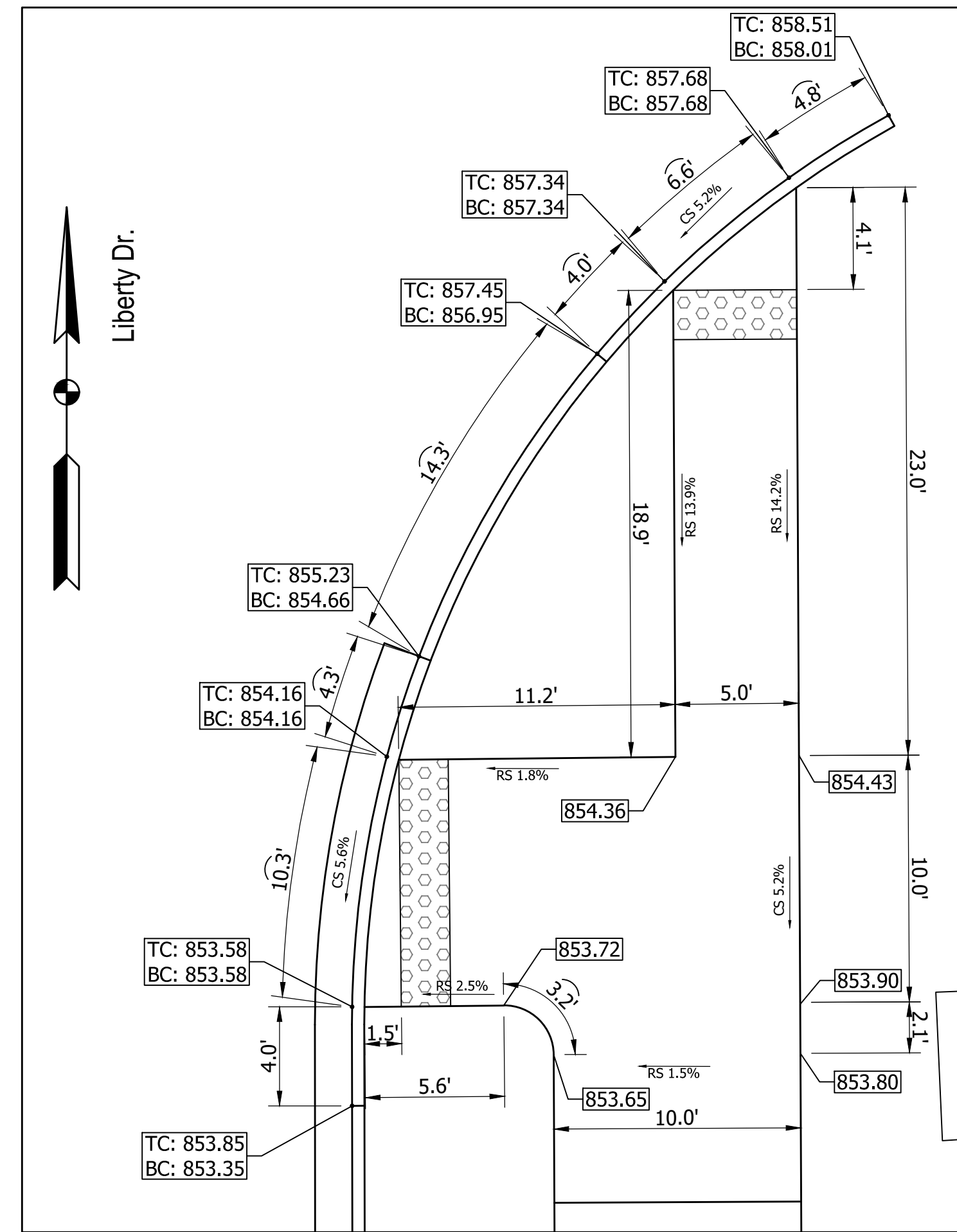
Constitution Ave. (E) @ Sta. 56+75



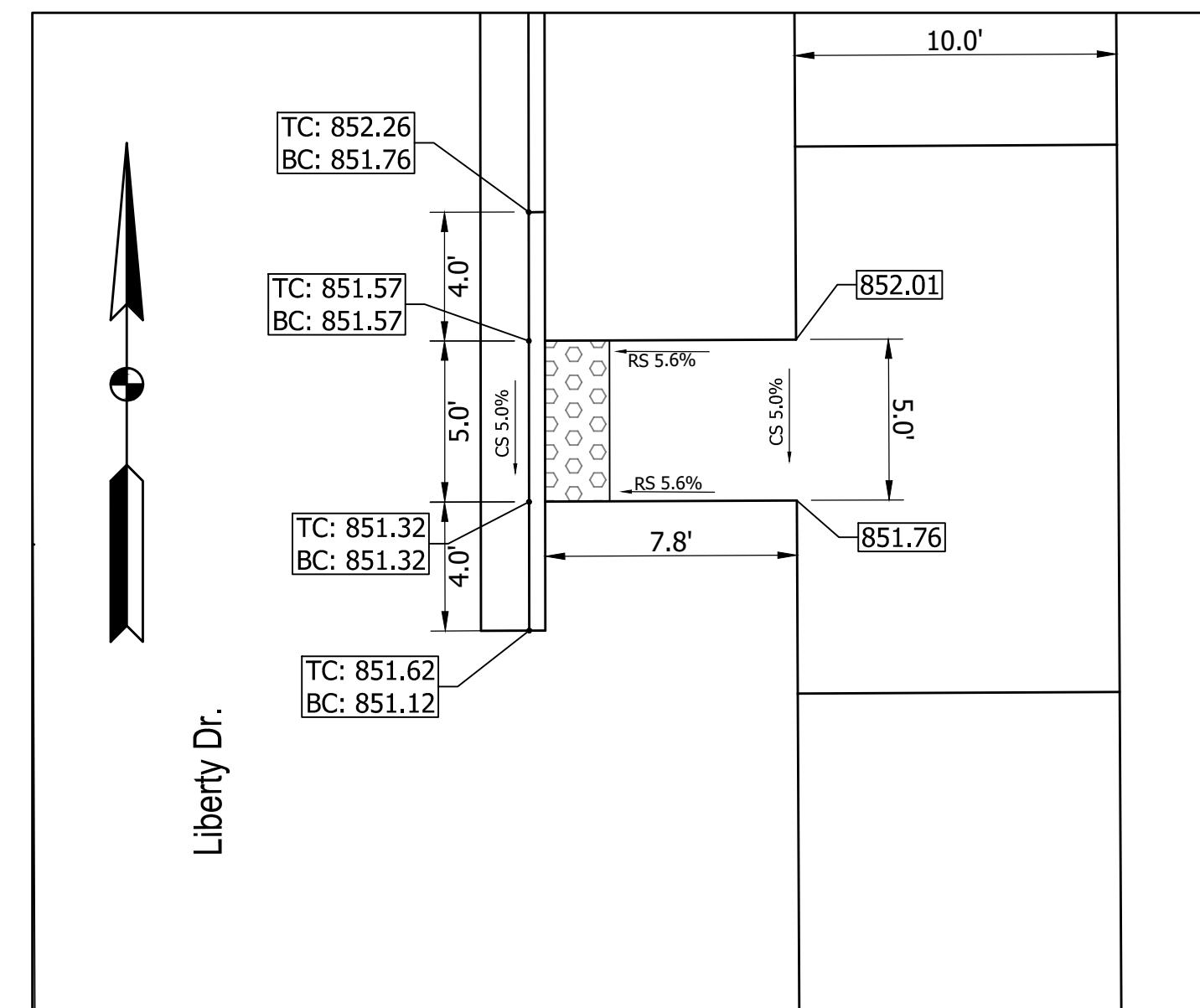
Constitution Ave. & Liberty Dr. (NW)



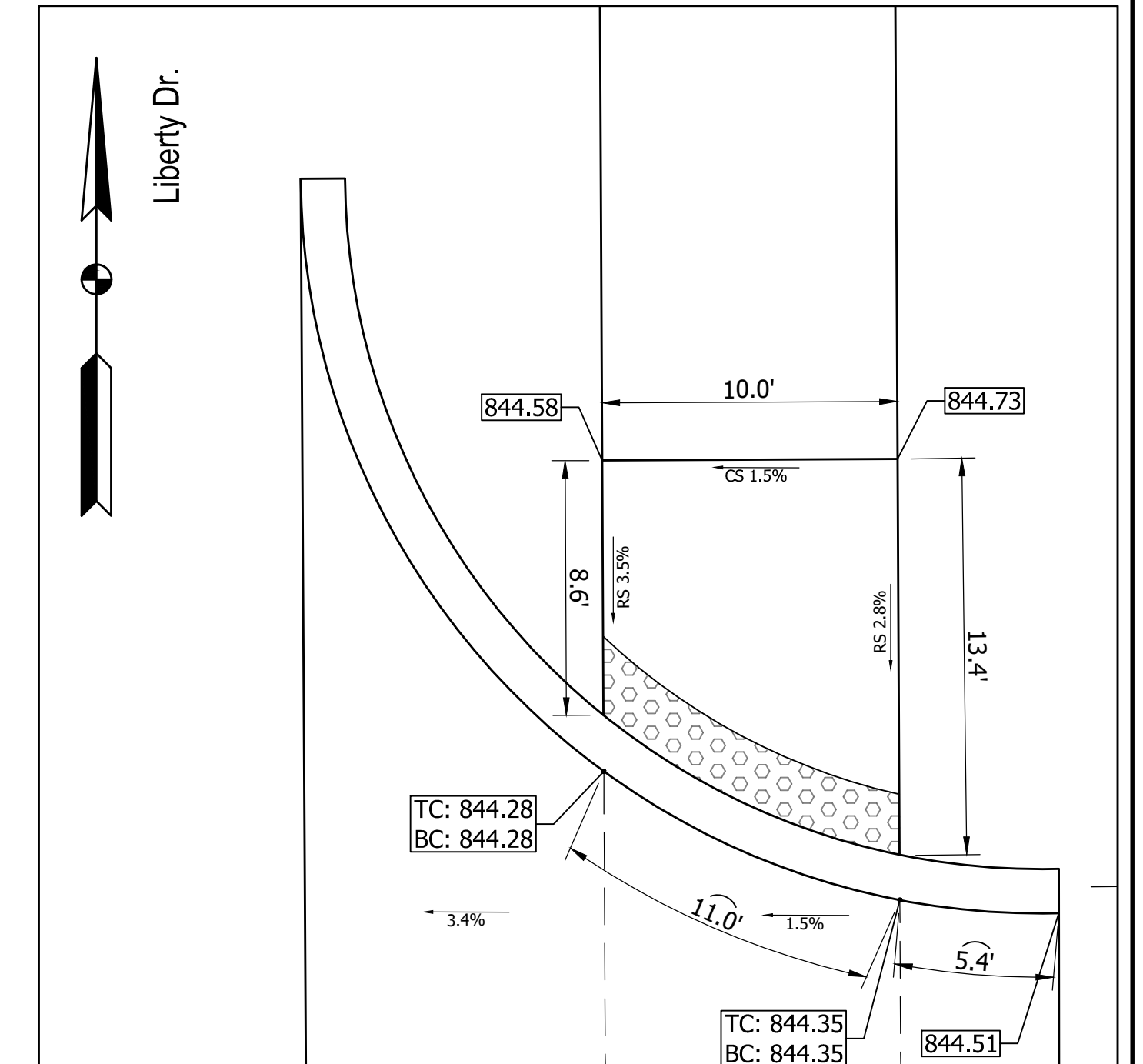
Constitution Ave. & Liberty Dr. (SW)



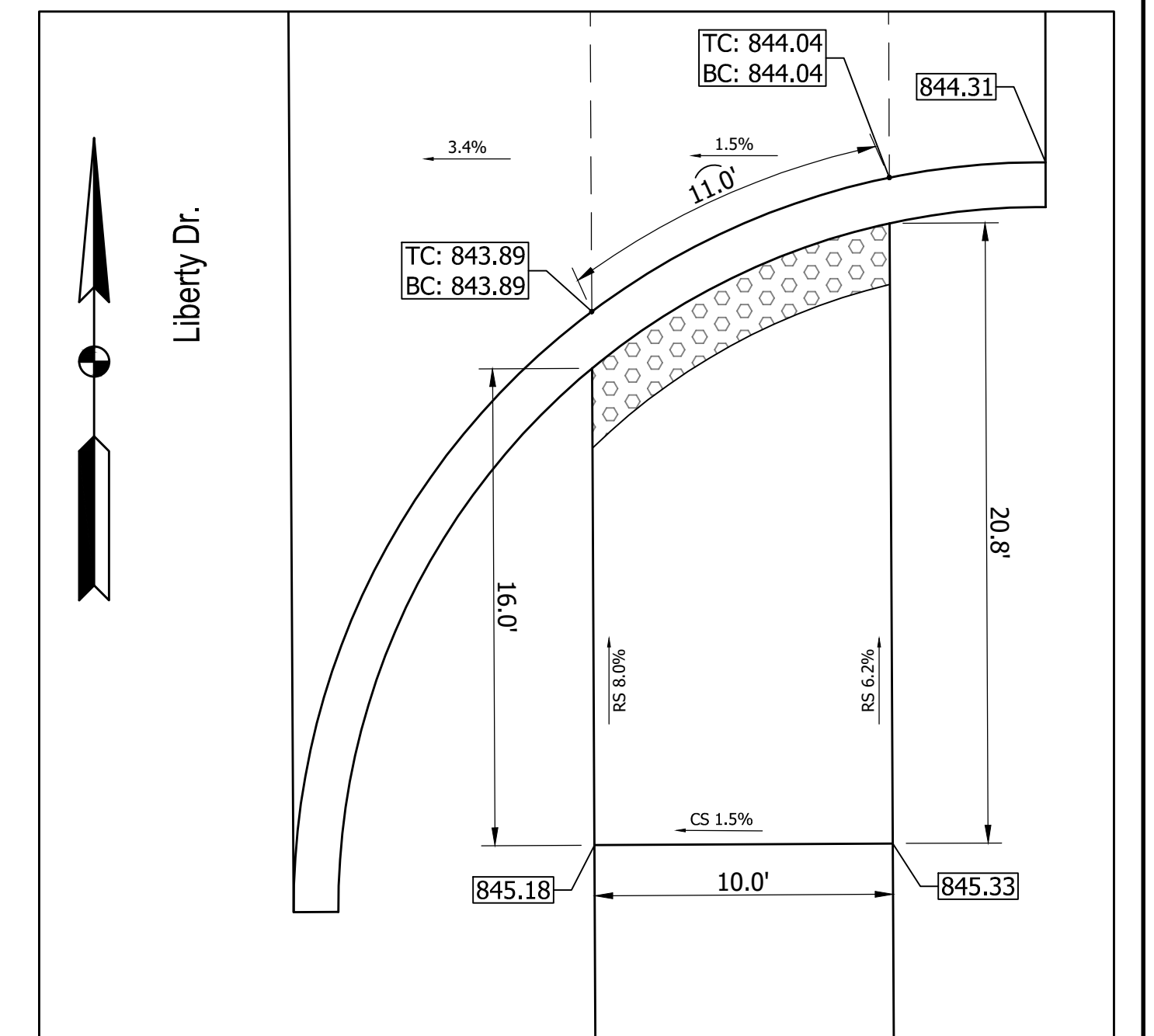
Constitution Ave. & Liberty Dr. (NE)



Constitution Ave. & Liberty Dr. (SE)



Liberty Dr. (N) @ Sta. 62+00



Liberty Dr. (S) @ Sta. 62+00

LEGEND

- Detectable Warning Surface
- CS → Ramp Cross Slope (Typ.)
- RS → Ramp Running Slope (Max.)
- TC: 826.51
BC: 826.01 Proposed Curb Elevation:
TC = Top of Curb
BC = Bottom of Curb
- [826.51] Proposed Spot Elevation
- 826.51 Existing Spot Elevation
- M.E. Match Existing

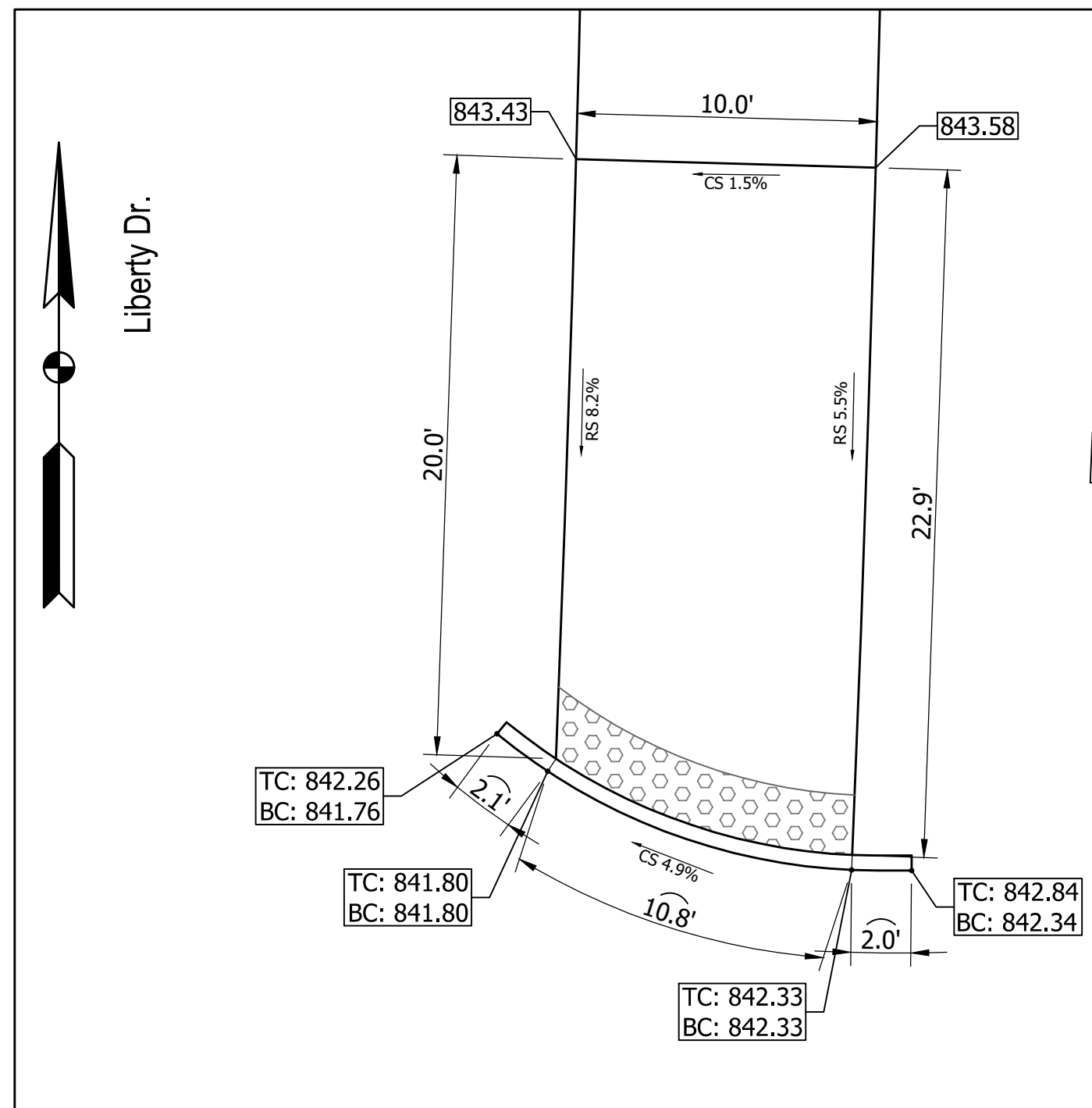
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
	DAV	XX/XX/2021
DESIGNED:	DRAWN:	
	JDW	
CHECKED:	CHECKED:	
	DAV	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CURB RAMPS

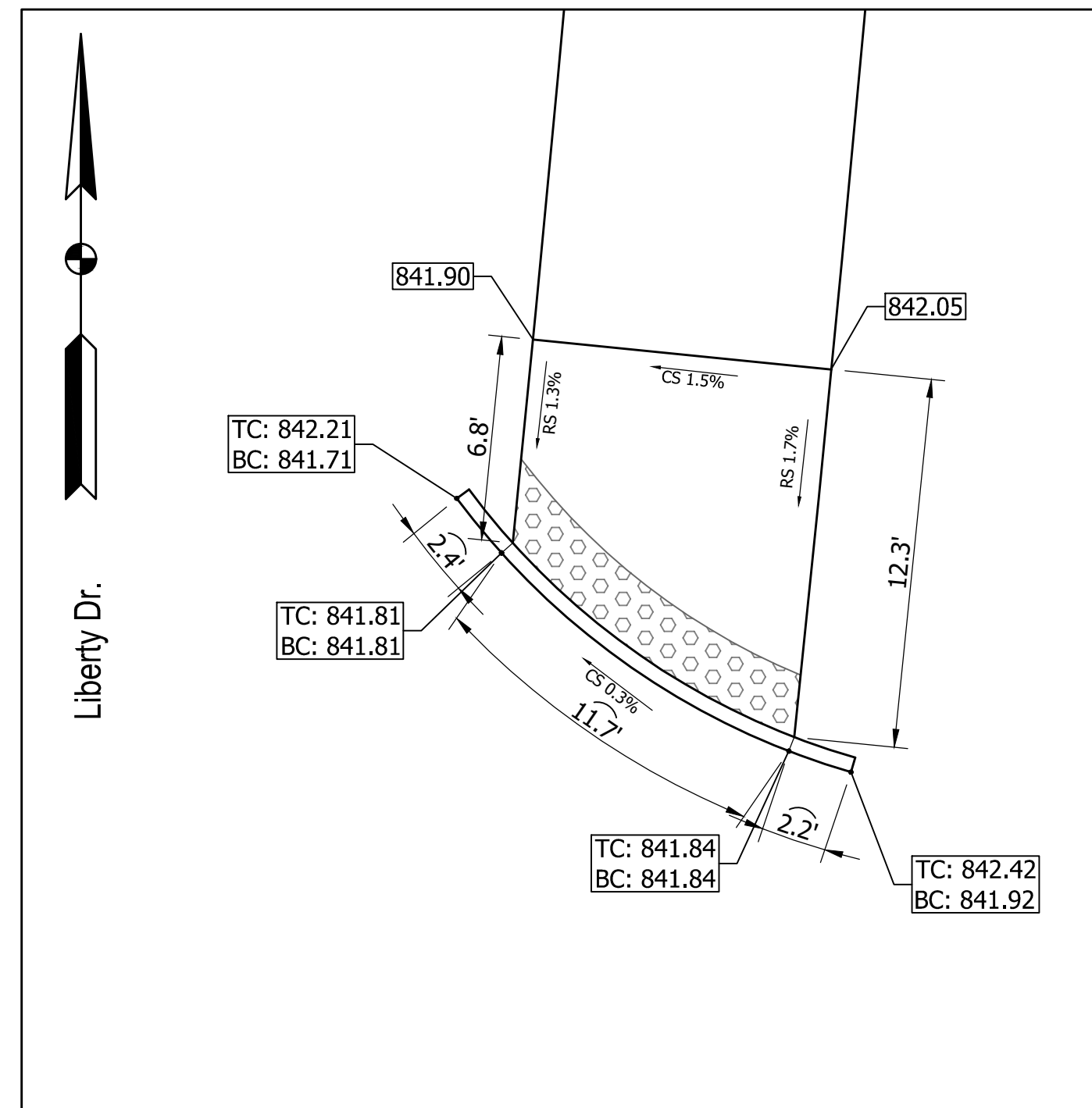
HORIZONTAL SCALE	BRIDGE FILE
1"=5'	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	28 OF 109
CONTRACT	PROJECT
R-41898	1900405

660200.00

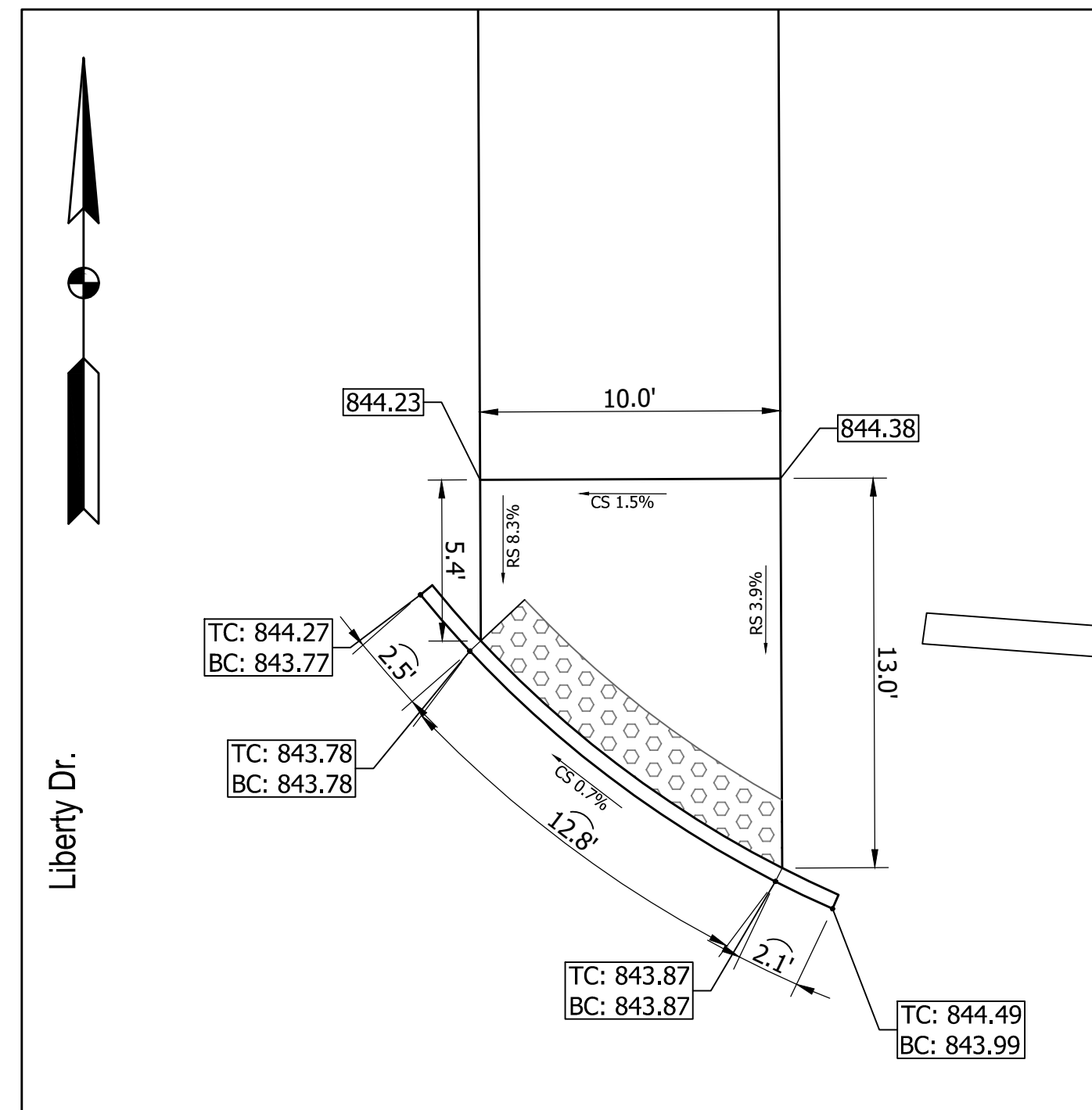
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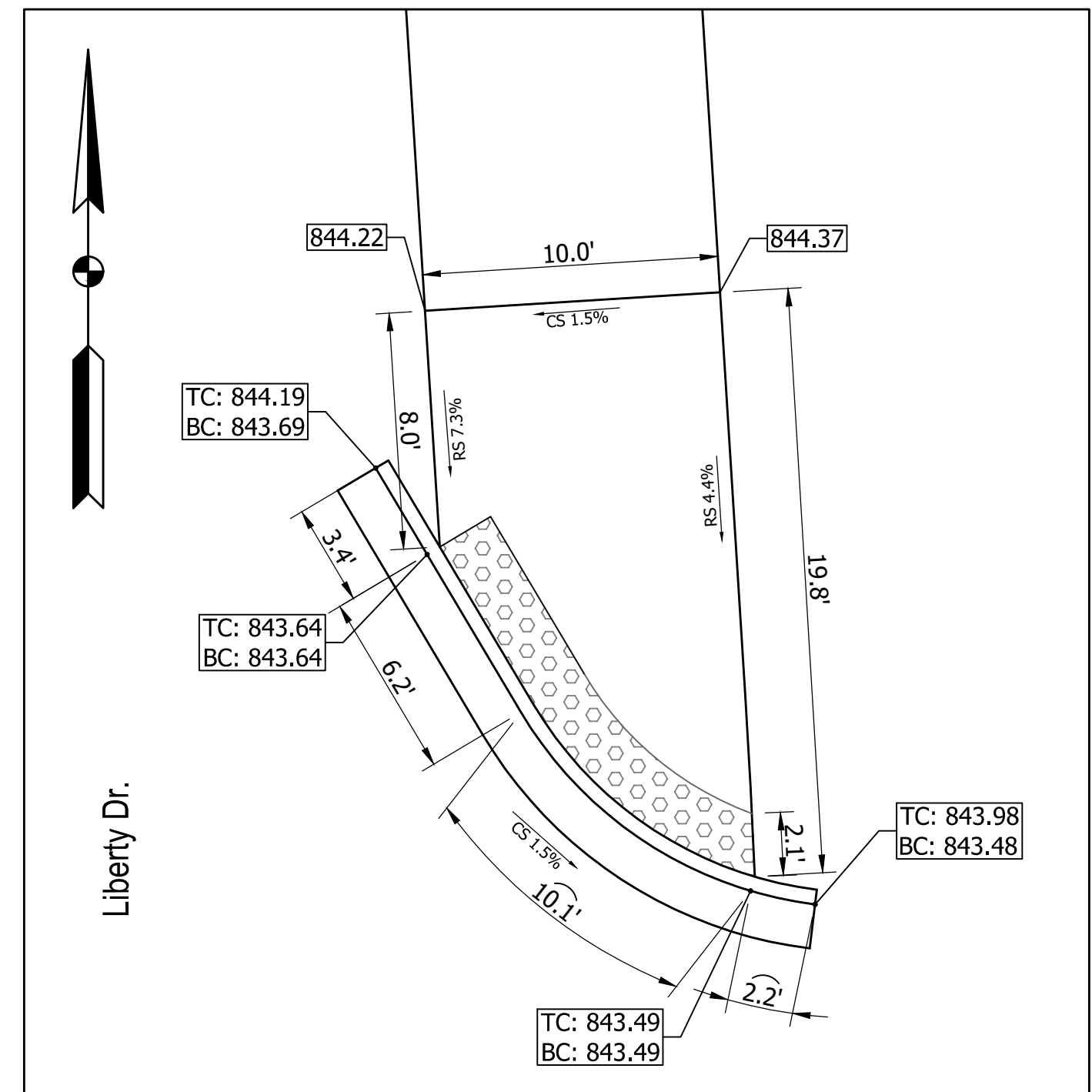
Liberty Dr. (N) @ Sta. 64+75



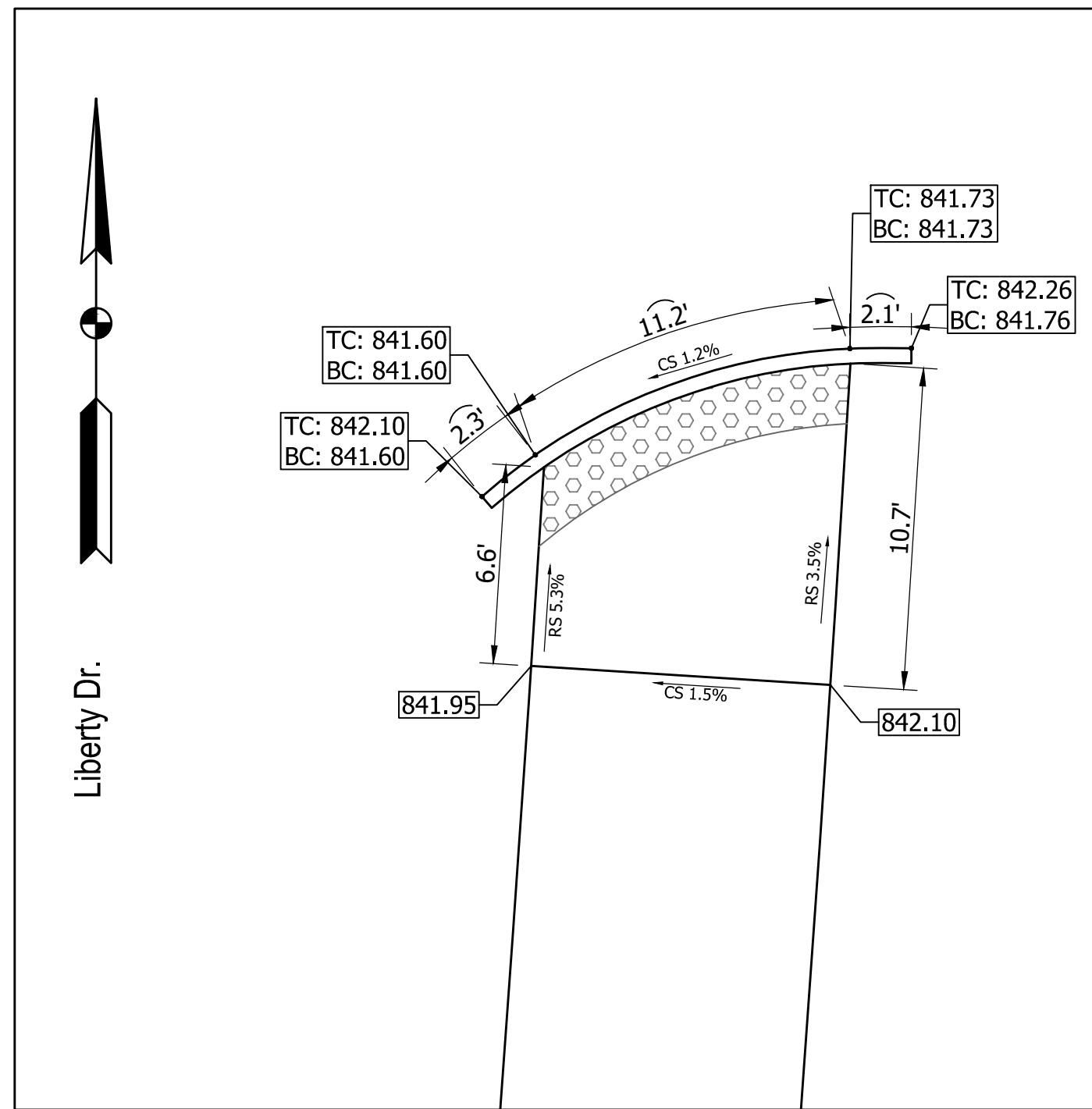
Liberty Dr. (N) @ Sta. 65+75



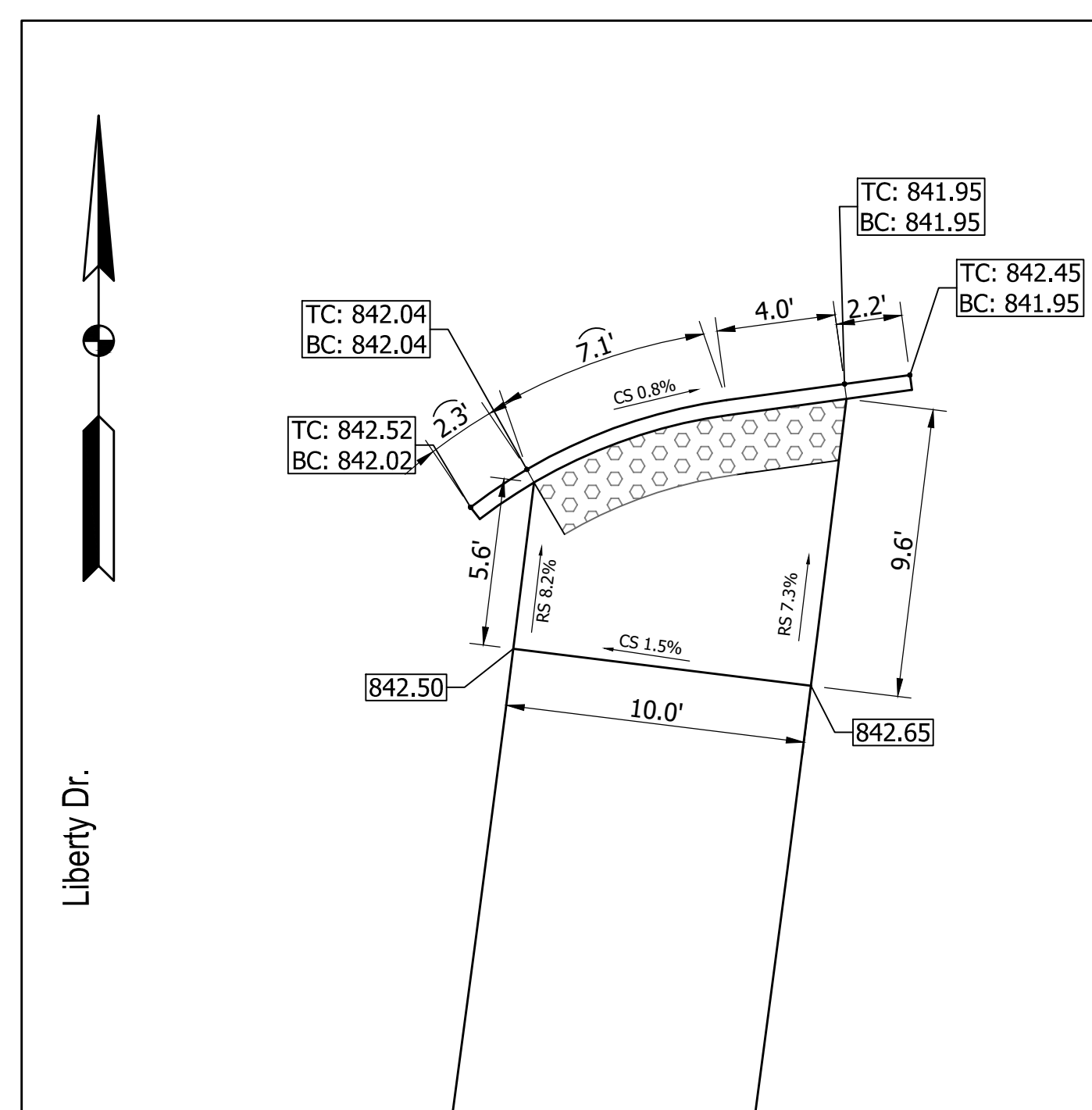
Liberty Dr. (N) @ Sta. 71+50



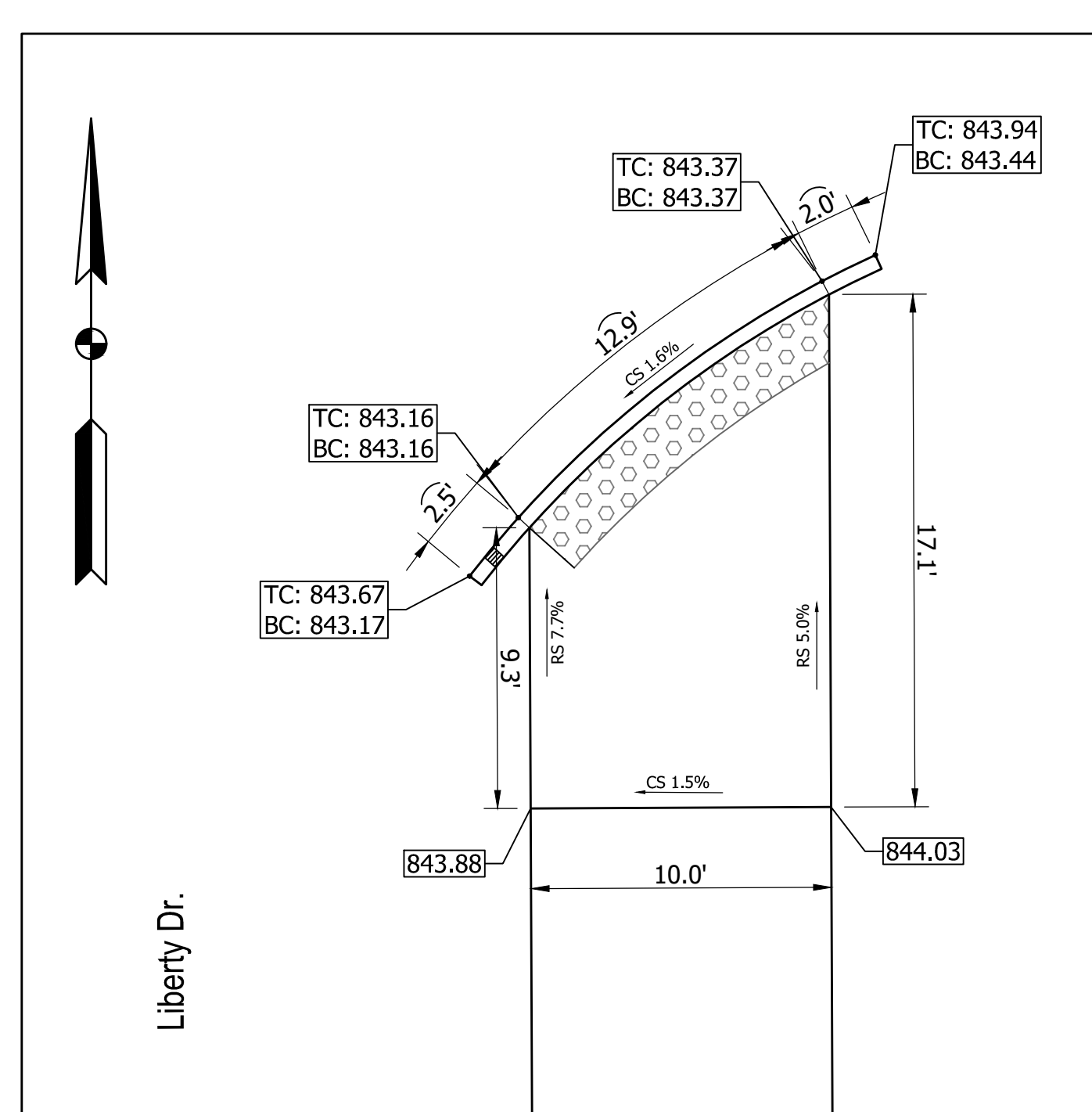
Liberty Dr. (N) @ Sta. 74+75



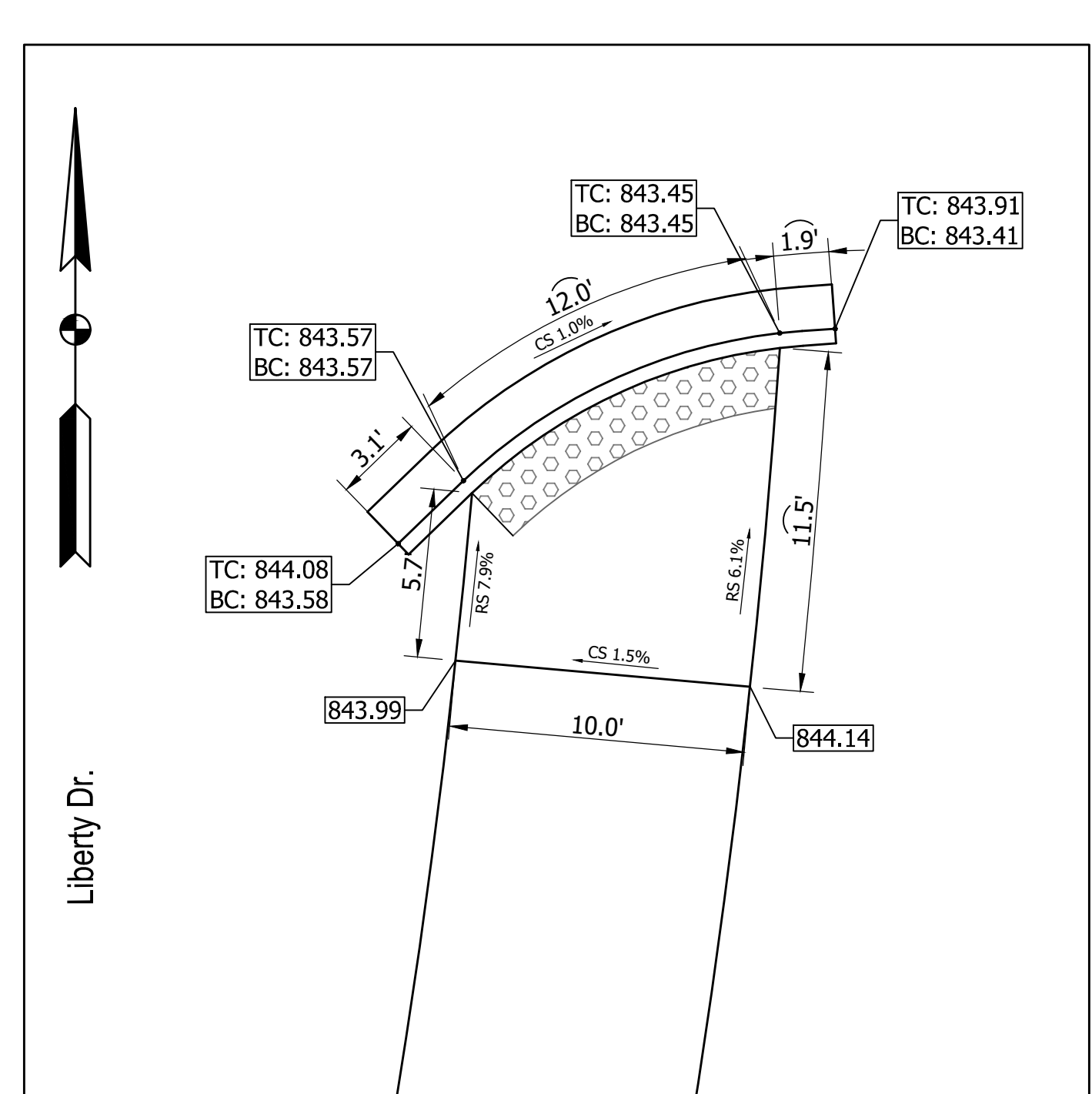
Liberty Dr. (N) @ Sta. 64+75



Liberty Dr. (S) @ Sta. 65+75



Liberty Dr. (S) @ Sta. 71+50



Liberty Dr. (S) @ Sta. 74+75

LEGEND

- Detectable Warning Surface
- CS → Ramp Cross Slope (Typ.)
- RS → Ramp Running Slope (Max.)
- TC: 826.51
BC: 826.01
- 826.51
- 826.51
- M.E. Match Existing
- TC = Top of Curb
- BC = Bottom of Curb
- Proposed Curb Elevation
- Proposed Spot Elevation
- Existing Spot Elevation

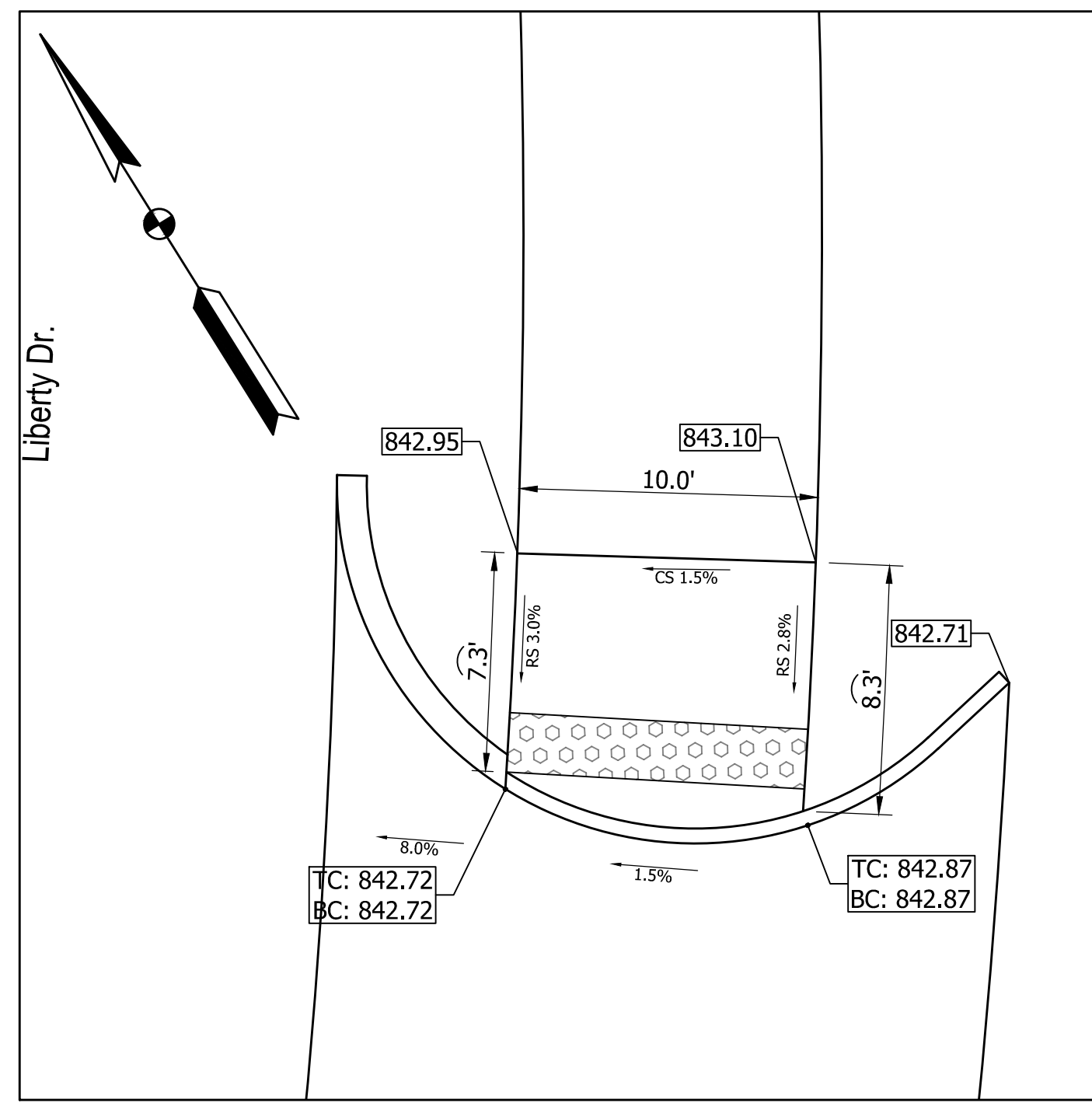
RECOMMENDED FOR APPROVAL: _____
 DESIGN ENGINEER DATE: XX/XX/2021
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR CURB RAMPS

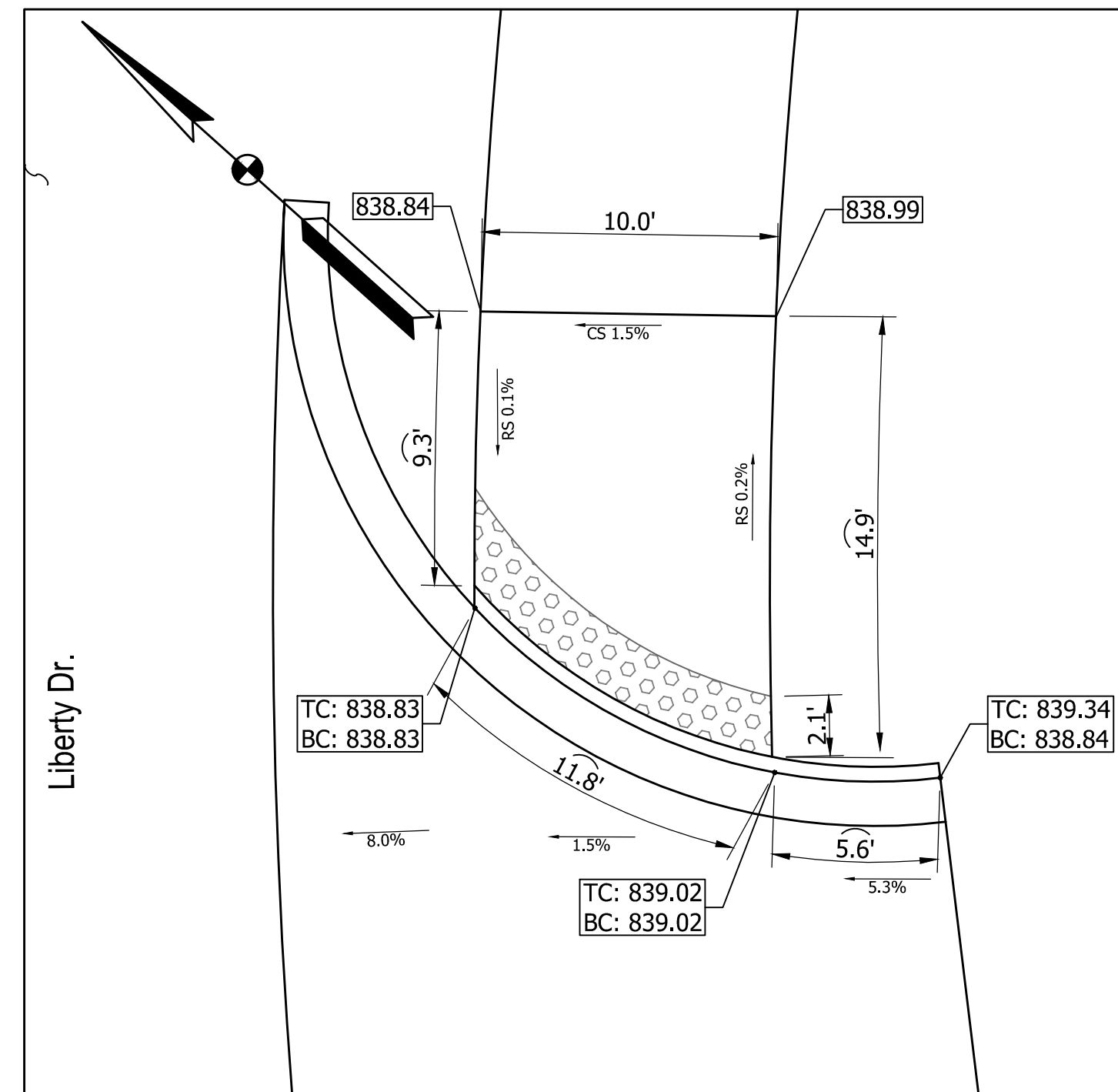
HORIZONTAL SCALE	BRIDGE FILE
1"=5'	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	29 OF 109
CONTRACT	PROJECT
R-41898	1900405

660200.00

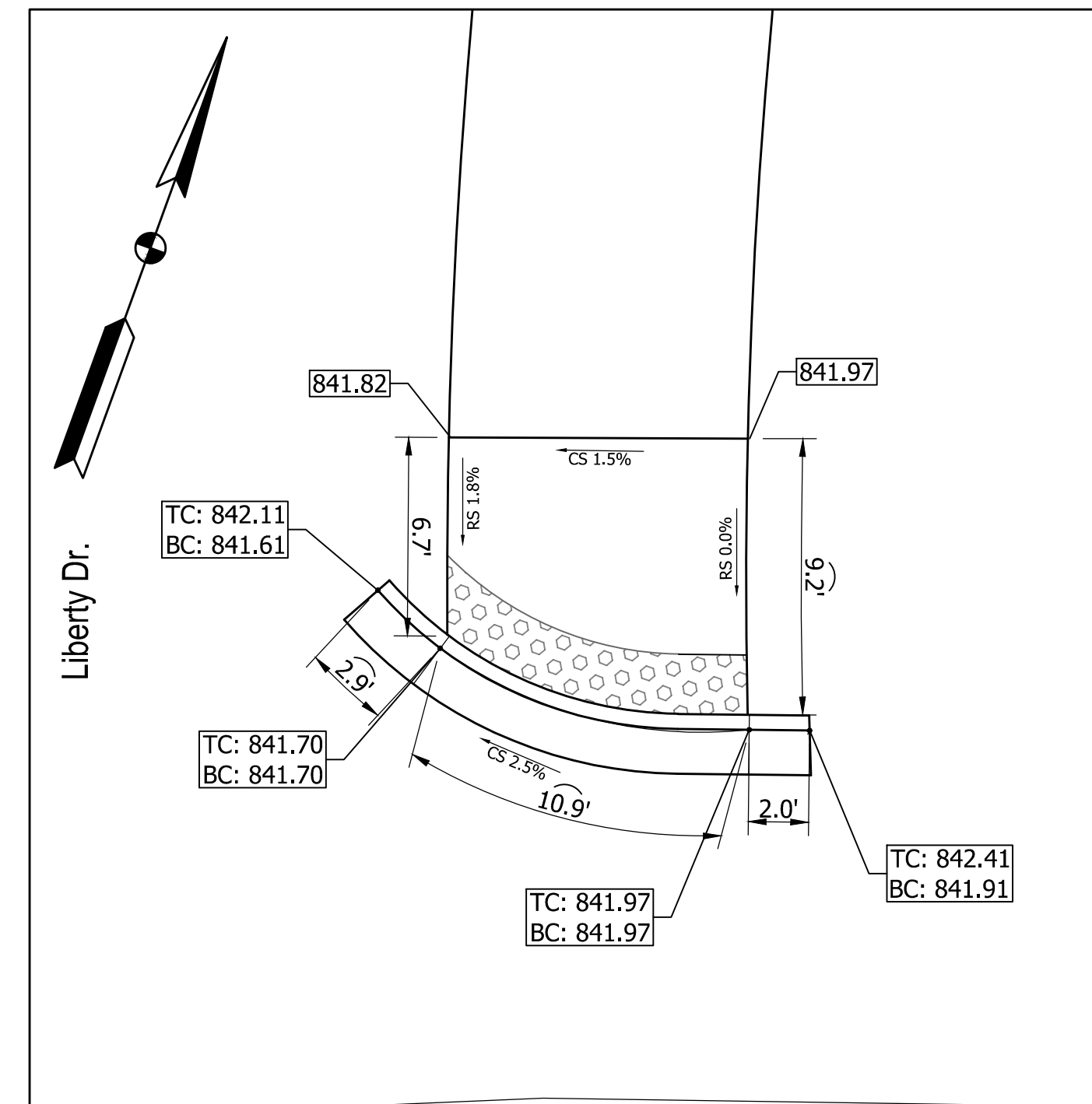
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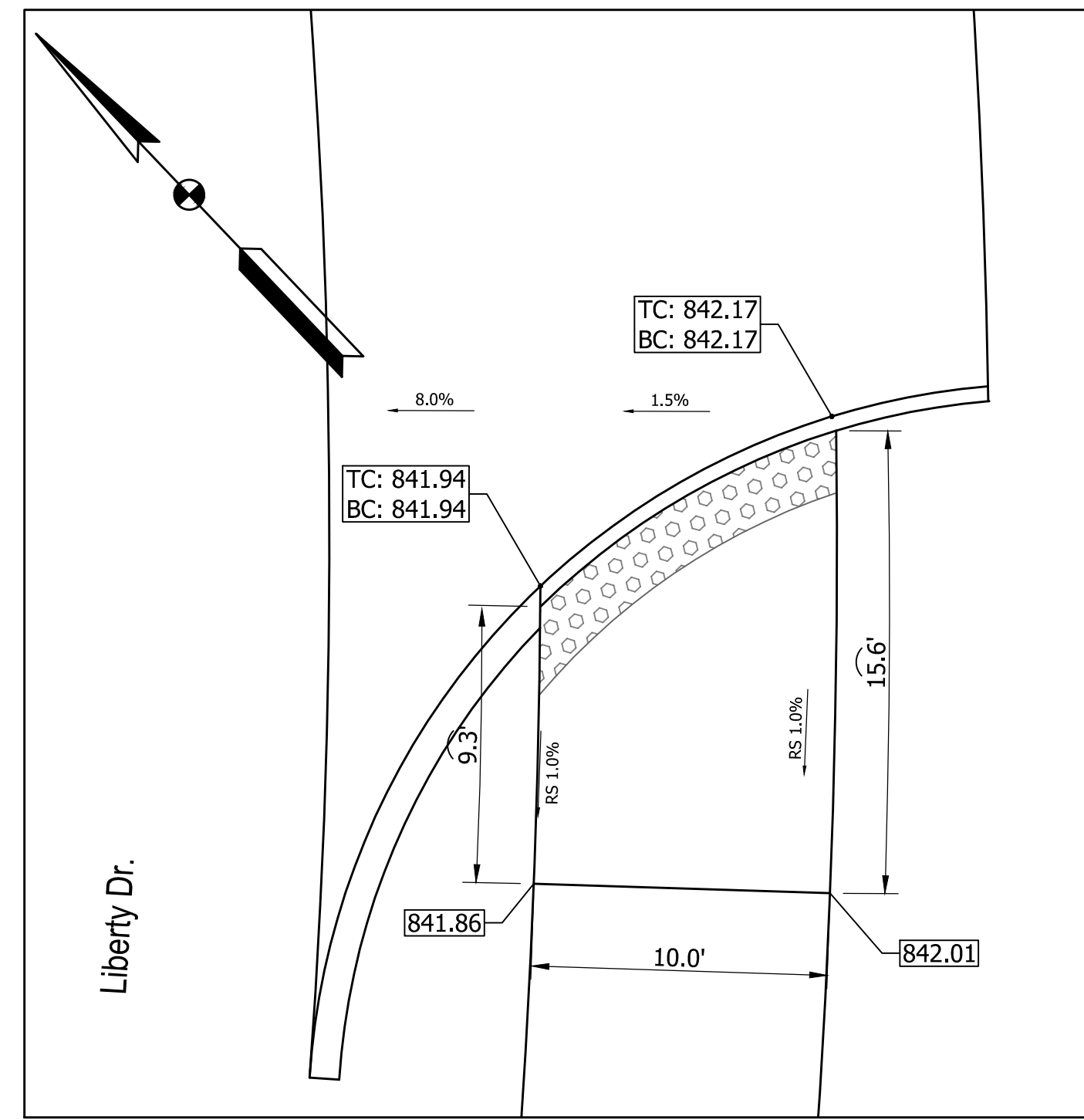
Liberty Dr. (N) @ Sta. 76+50



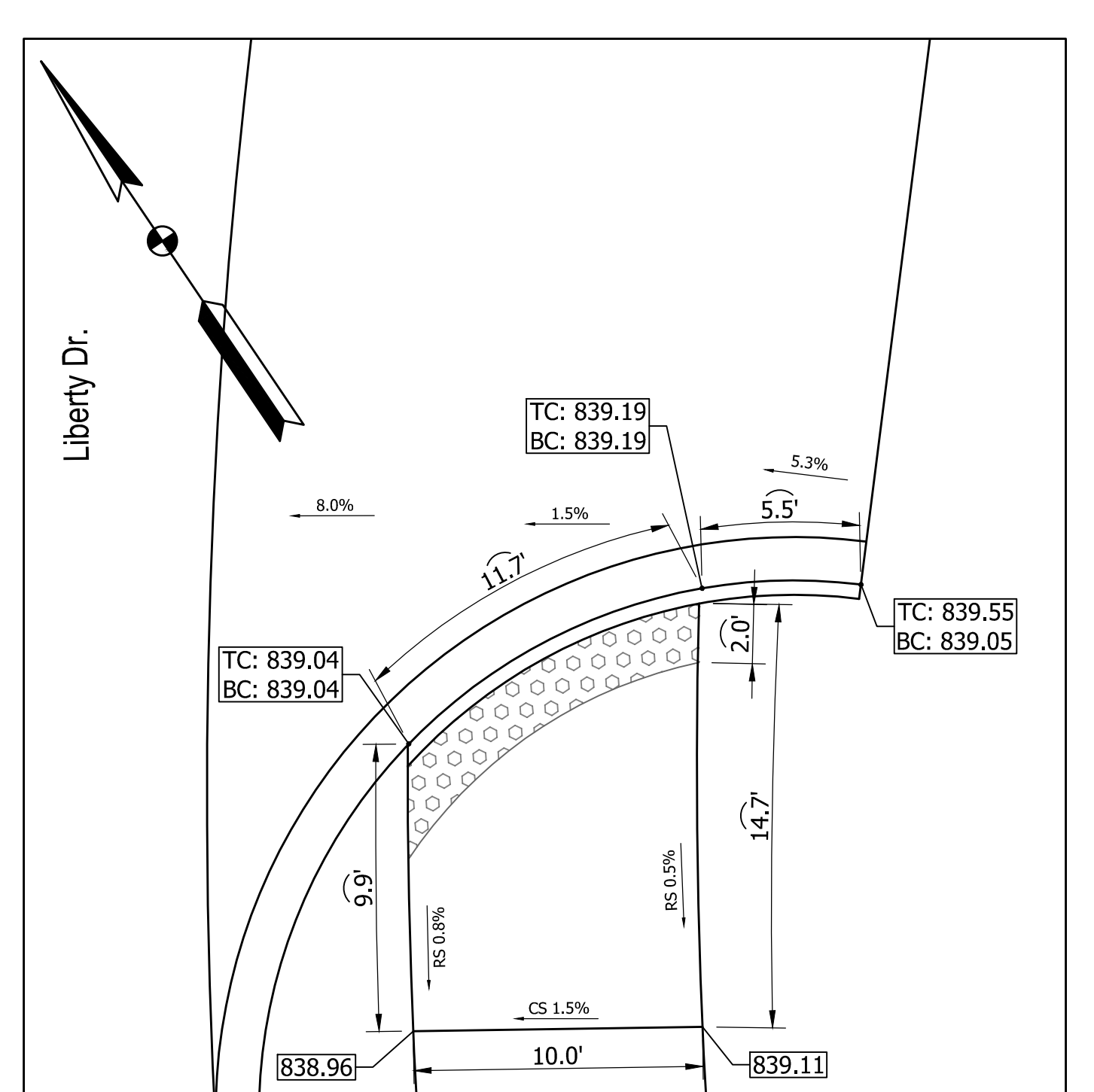
Liberty Dr. (N) @ Sta. 79+00



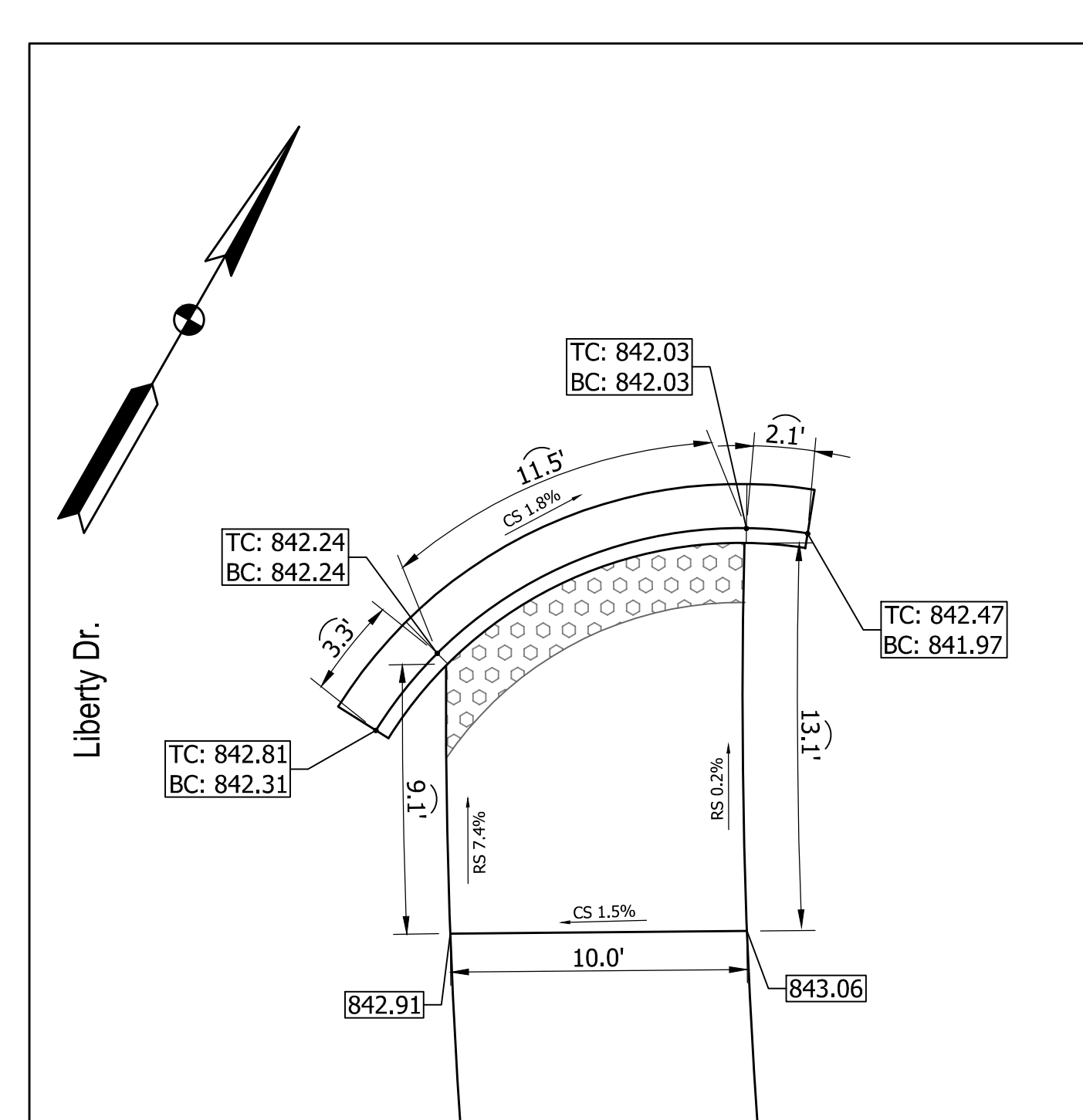
Liberty Dr. (N) @ Sta. 81+75



Liberty Dr. (S) @ Sta. 76+50



Liberty Dr. (S) @ Sta. 79+00



Liberty Dr. (S) @ Sta. 81+75

LEGEND

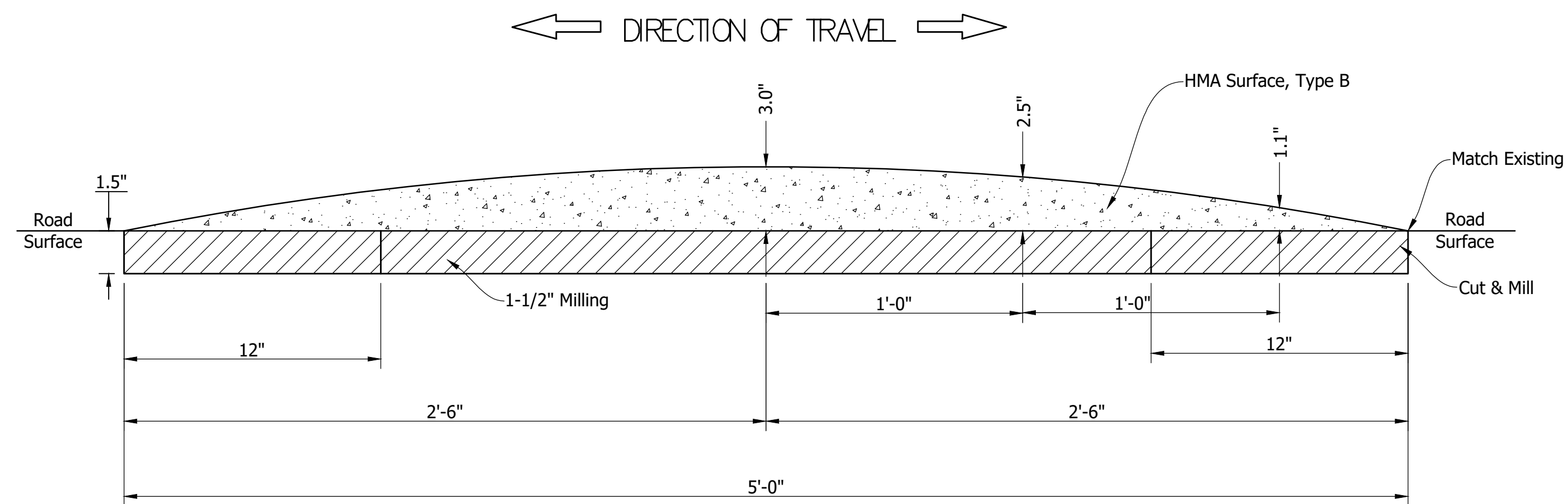
- Detectable Warning Surface
- CS Ramp Cross Slope (Typ.)
- RS Ramp Running Slope (Max.)
- TC: 826.51 Proposed Curb Elevation: TC = Top of Curb
- BC: 826.01 Proposed Curb Elevation: BC = Bottom of Curb
- 826.51 Proposed Spot Elevation
- 826.51 Existing Spot Elevation
- M.E. Match Existing

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

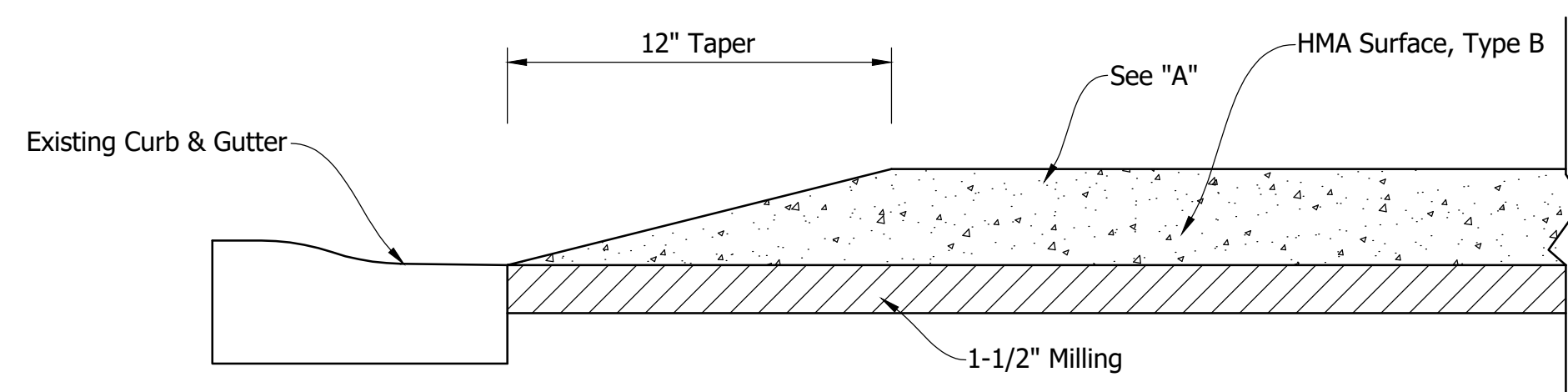
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CURB RAMPS

HORIZONTAL SCALE	BRIDGE FILE
1"=5'	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	30 OF 109
CONTRACT	PROJECT
R-41898	1900405

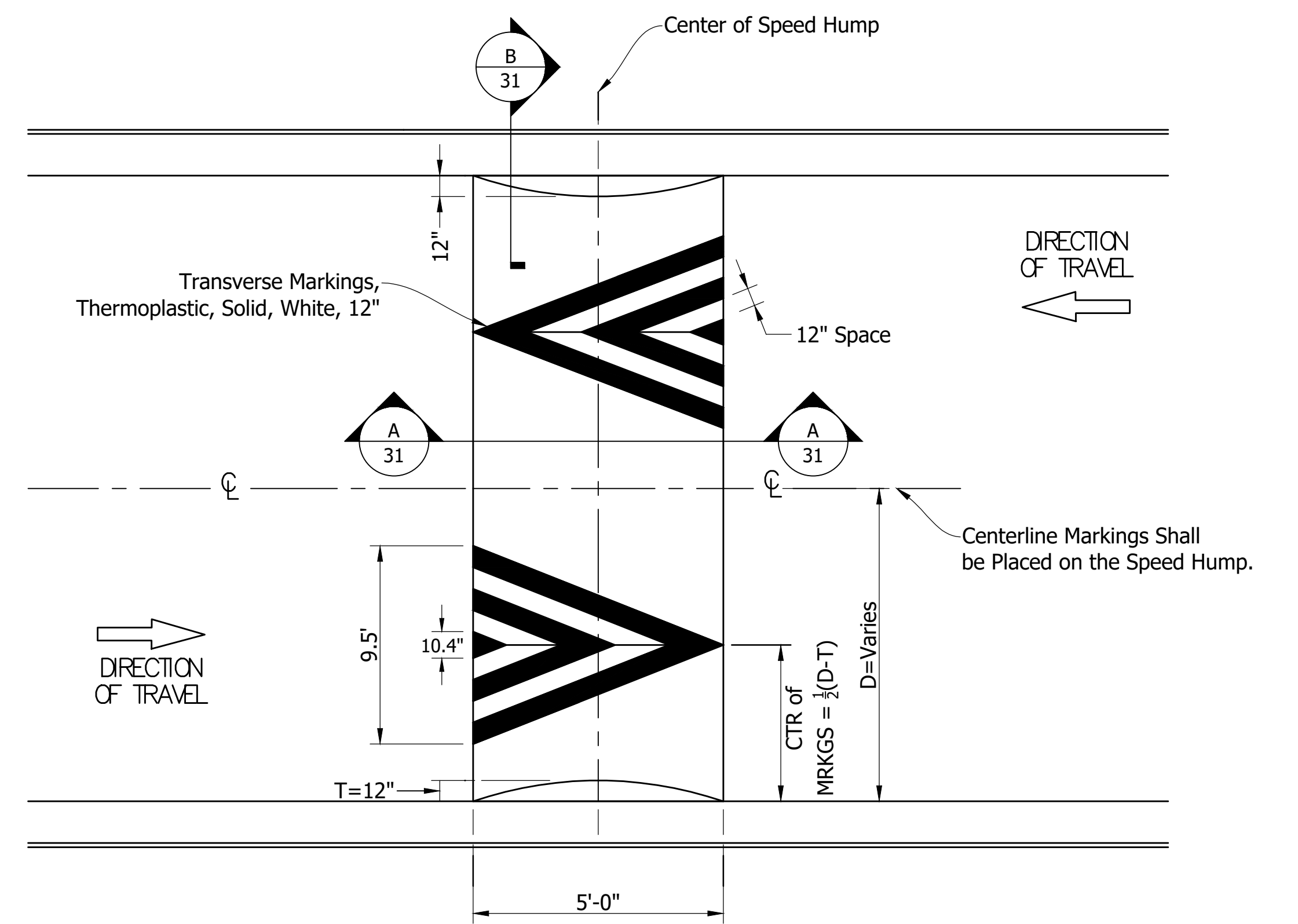
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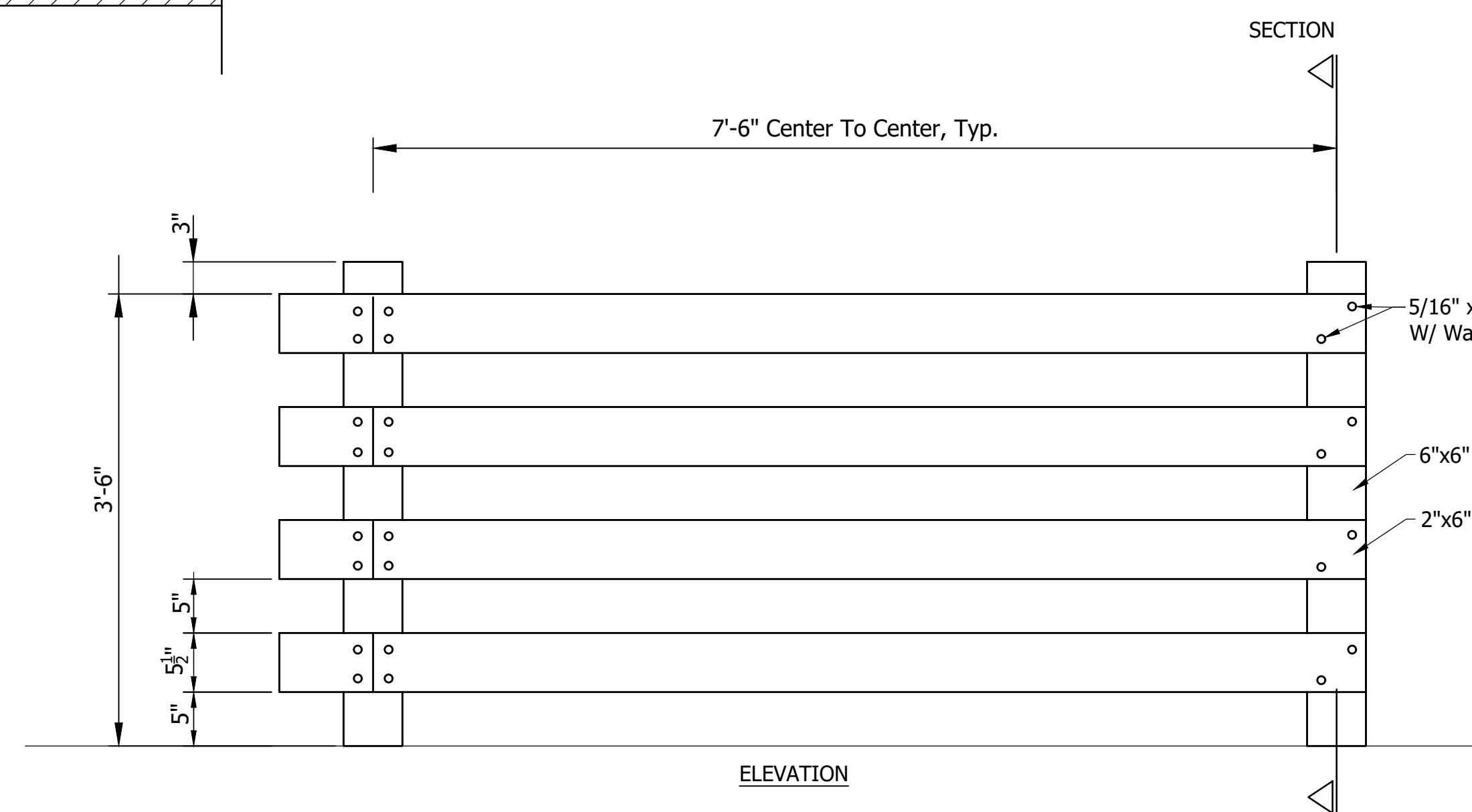
SECTION A-A
SPEED HUMP PARABOLIC CROWN PROFILE
 Scale: 1"=5'-0"



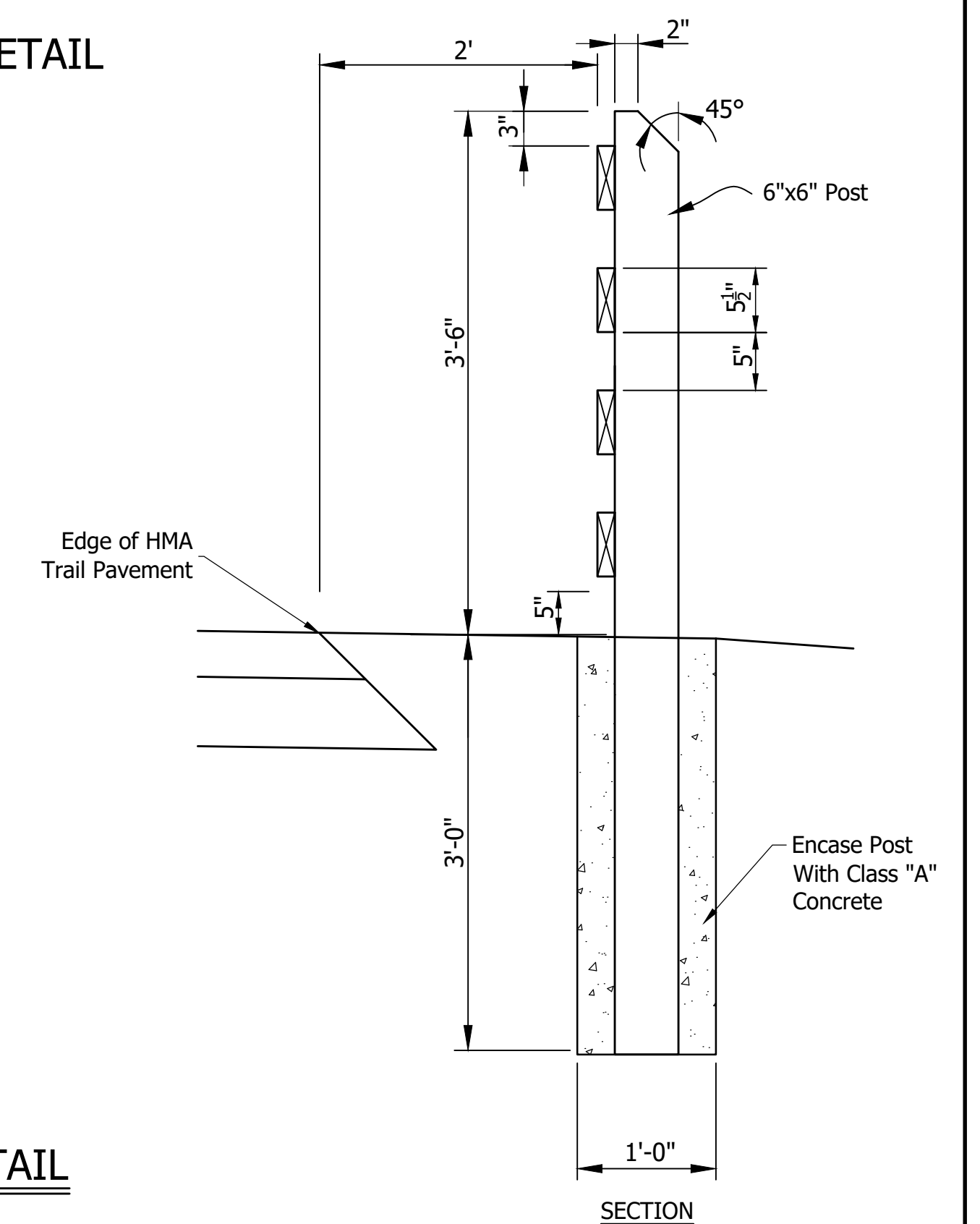
SECTION B-B
SPEED HUMP EDGE DETAIL
 Scale: 1"=5'-0"



SPEED HUMP PAVEMENT MARKING DETAIL
 NOT TO SCALE



PEDESTRIAN FENCE DETAIL
 NOT TO SCALE



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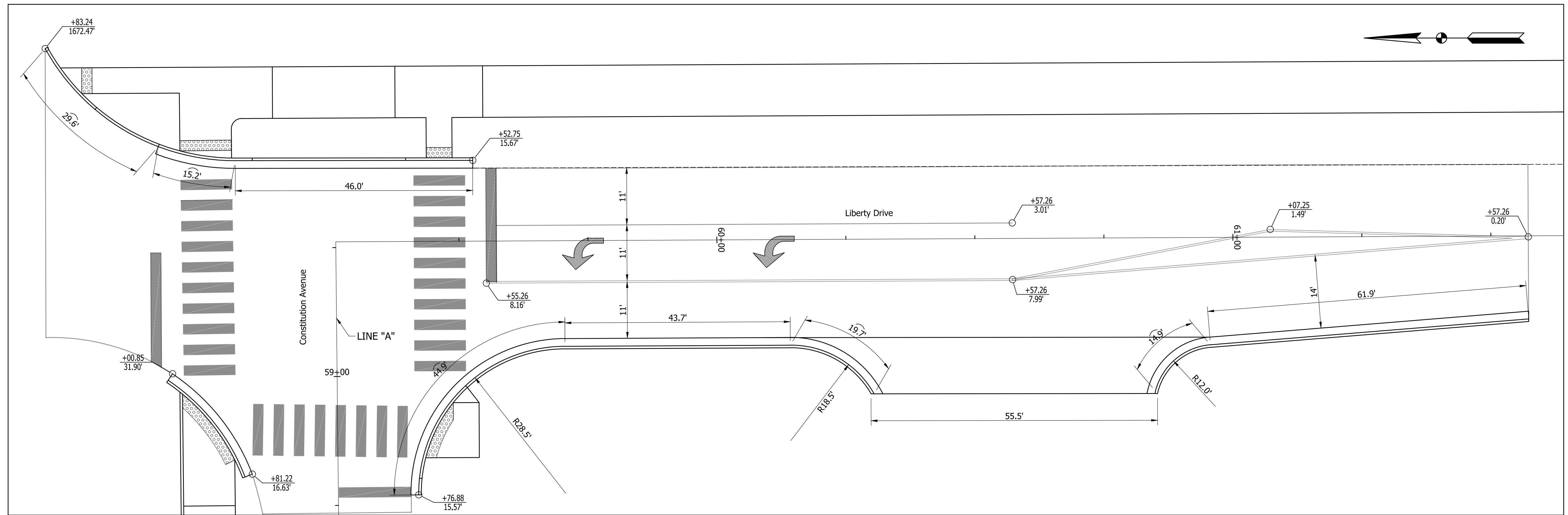
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 SPEED HUMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	31 OF 109
CONTRACT	PROJECT
R-41898	1900405

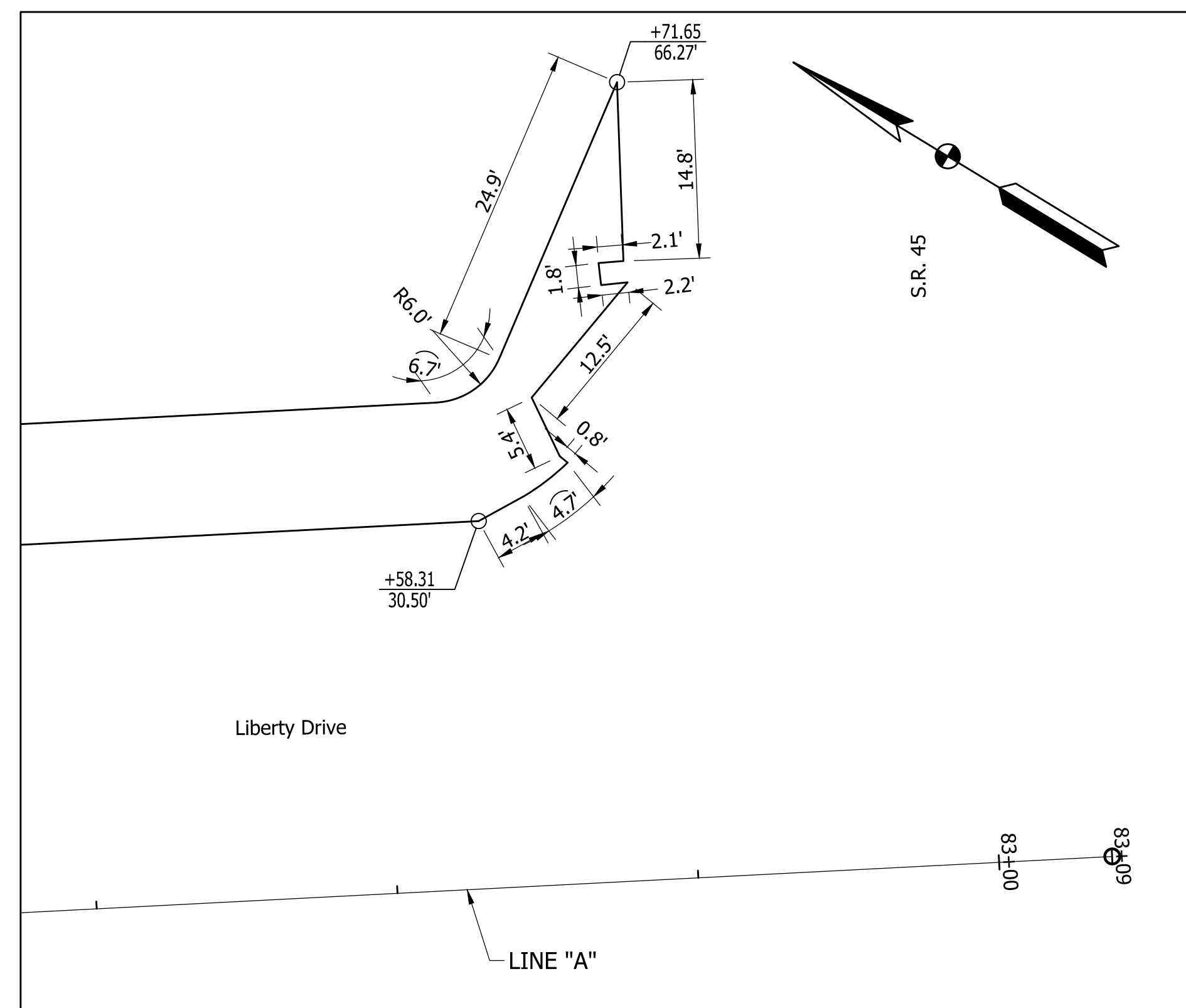
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INTERSECTION DETAIL - CONSTITUTION AVE. & LIBERTY DR.

Scale: 1" = 10'-0"



CONSTRUCTION DETAILS AT STA. 83+00

Scale: 1" = 10'-0"

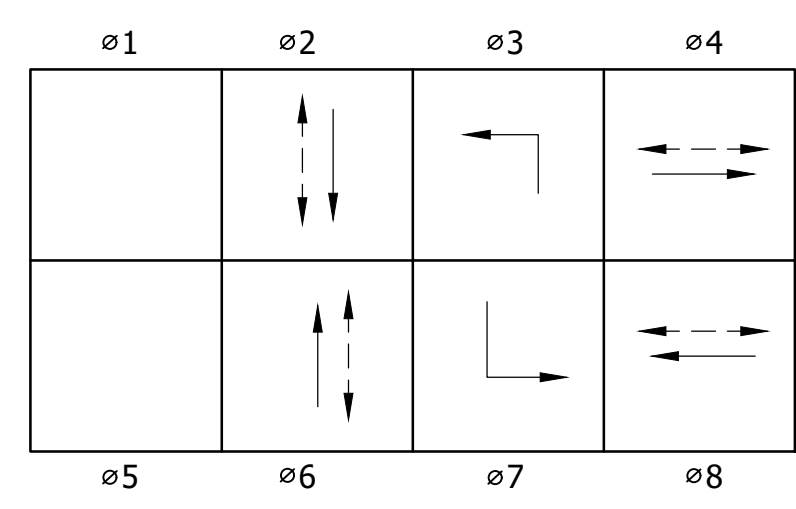
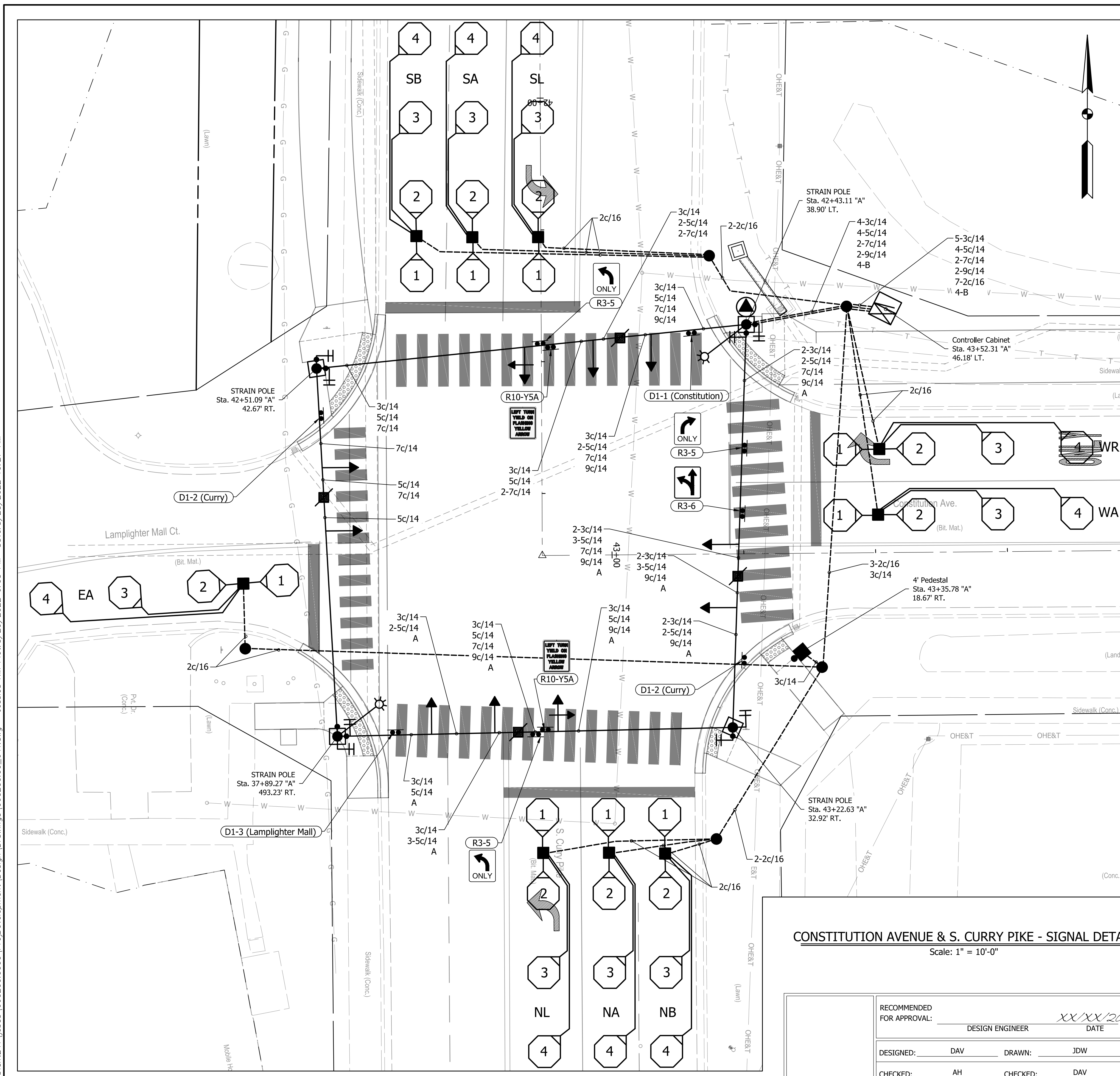
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	32 OF 109
CONTRACT	PROJECT
R-41898	1900405

BFS NO. 660200.00

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PHASE DIAGRAM
 Curry Pike is Preferential
 Constitution: Red Flash
 Curry Pike: Red Flash

LEFT TURN YIELD ON FLASHING YELLOW ARROW

SIGN NUMBER	R10-Y5A
WIDTH x HGHT.	30" x 36"
BORDER WIDTH	0.50"
CORNER RADIUS	1.88"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

LEGEND

- ← TRAFFIC SIGNAL HEAD, 3 FACE, 12": RED, AMBER, GREEN, POLYCARBONATE, W/BACKPLATE AND TAPE
- ← TRAFFIC SIGNAL HEAD, 4 FACE, 12": LT. RED ARROW, LT. AMBER ARROW, LT. AMBER FLASHING ARROW, LT. GREEN ARROW, POLYCARBONATE, W/BACKPLATE AND TAPE
- SIGNAL STRAIN POLE, 30' HEIGHT, ON FOUNDATION
- SIGNAL STRAIN POLE, 36' HEIGHT, ON FOUNDATION, WITH LUMINAIRE ON 10' ARM
- ⏏ COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS
- ⏏ COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS AND APS PUSHBUTTON W/ R10-3e SIGN
- 4' SIGNAL PEDESTAL ON "A" FOUNDATION AND APS PUSHBUTTON W/R10-3e SIGN
- ⊞ TS2 ECONOLITE CONTROLLER AND "P-1" CABINET ON "P-1" FOUNDATION
- SIGNAL HANDHOLE, TYPE II
- 2" CONDUIT (SCH. 80 UNDER EXIST. PAVEMENT/SCH. 40 IN TRENCH)
- SIGNAL DETECTOR HOUSING
- OCTAGONAL LOOP, 4-TURN SERIES
- ⊞ DISCONNECT HANGER
- ⊞ SERVICE POINT
- A CABLE, POLE CIRCUIT, XHHW, NO. 6 COPPER, STRANDED, 2 1/2
- B CABLE, POLE CIRCUIT, XHHW, NO. 10 COPPER, STRANDED, 1/2

CONSTITUTION AVENUE & S. CURRY PIKE - SIGNAL DETAIL
 Scale: 1" = 10'-0"

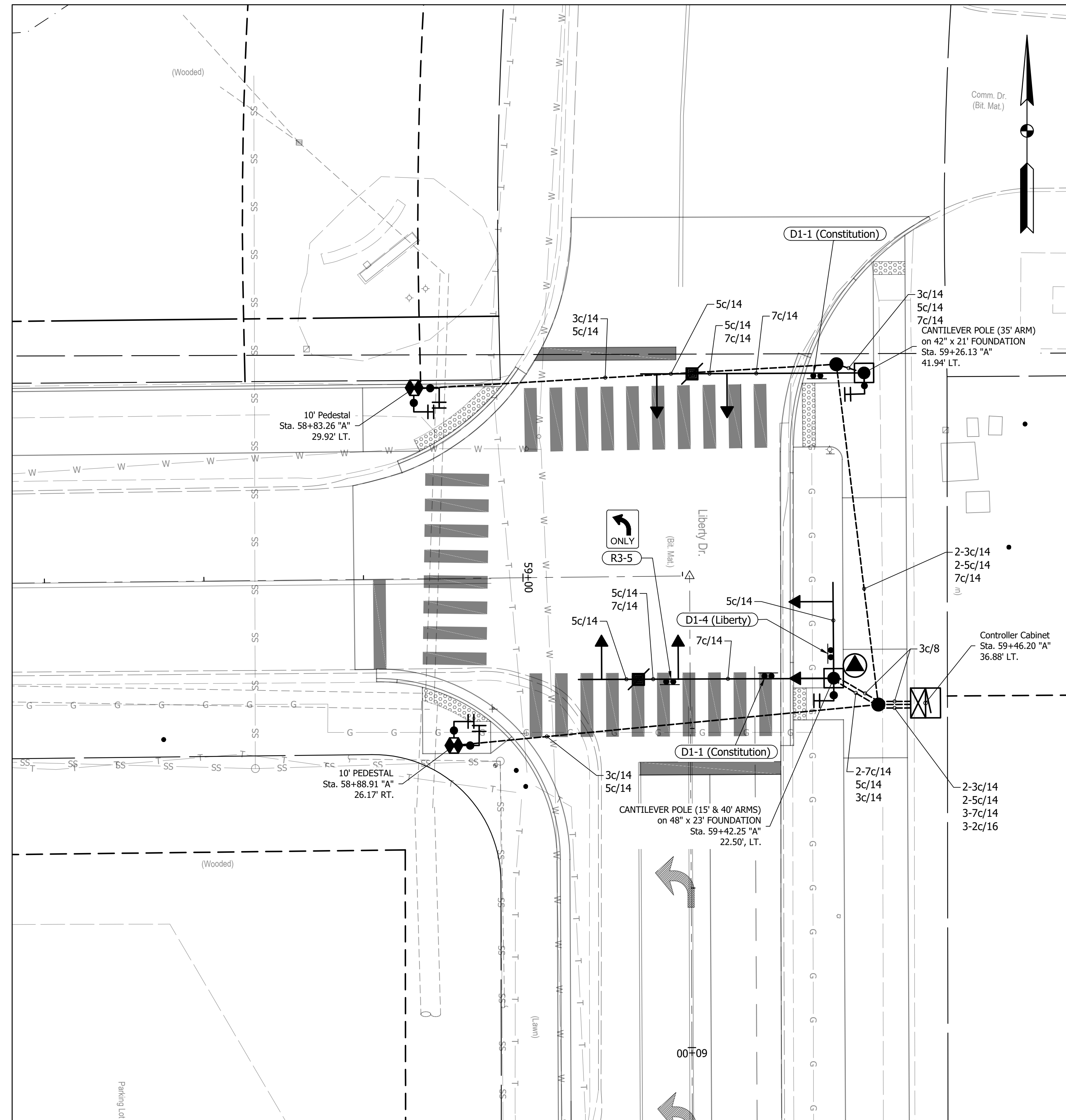
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 SIGNAL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	33 OF 109
CONTRACT	PROJECT
R-41898	1900405

660200.00

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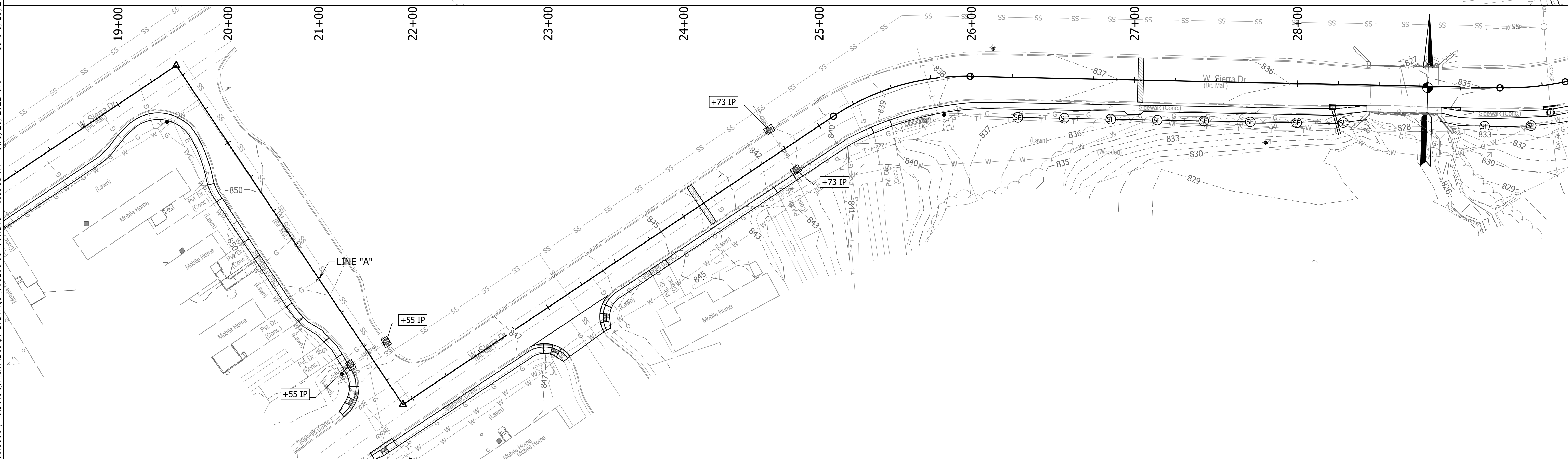
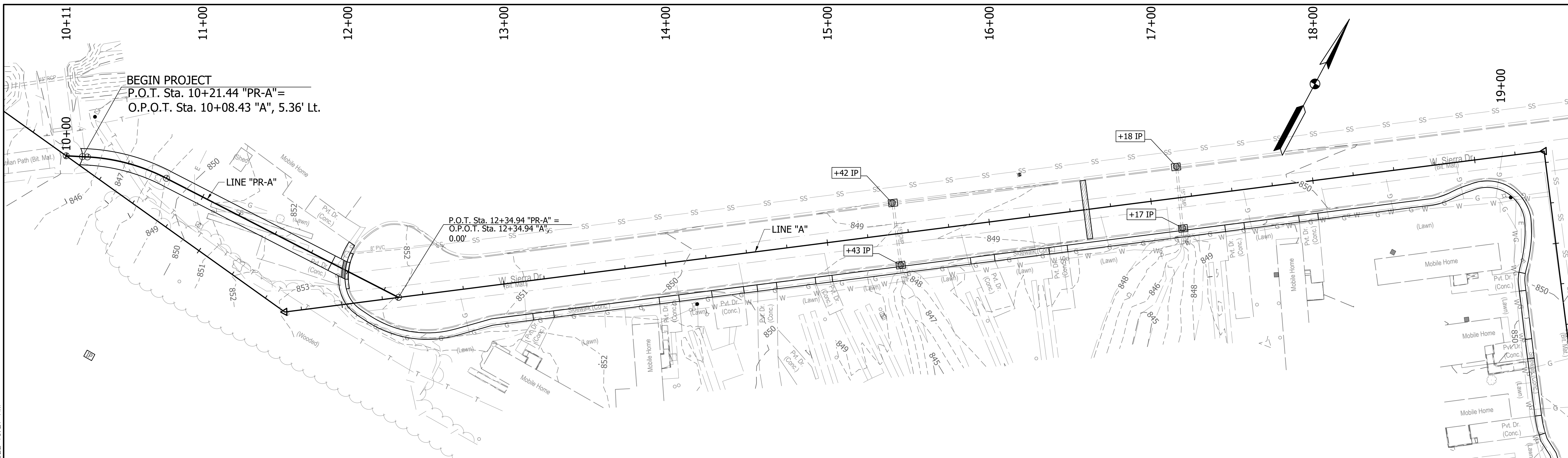


PHASE DIAGRAM
No Preferential
All Signals Red Flash

- LEGEND**
- ← TRAFFIC SIGNAL HEAD, 3 FACE, 12": RED, AMBER, GREEN, POLYCARBONATE, W/BACKPLATE AND TAPE
 - SIGNAL CANTILEVER POLE/ARM(S), 25'-10" HEIGHT ON FOUNDATION
 - || COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS
 - ||● COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS AND ACCESSIBLE PEDESTRIAN PUSHBUTTON W/ R10-3e SIGN
 - 4' SIGNAL PEDESTAL ON "A" FOUNDATION AND ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTON W/R10-3e SIGN
 - ⊞ TS2 ECONOLITE CONTROLLER AND "P-1" CABINET ON "P-1" FOUNDATION
 - SIGNAL HANDHOLE, TYPE II
 - 2" CONDUIT (SCH. 80 UNDER EXIST. PAVEMENT/SCH. 40 IN TRENCH)
 - ⊞ DISCONNECT HANGER
 - ▲ SERVICE POINT
 - A CABLE, POLE CIRCUIT, XHHW, NO. 6 COPPER, STRANDED, 2 1/C
 - B CABLE, POLE CIRCUIT, XHHW, NO. 10 COPPER, STRANDED, 1/C

CONSTITUTION AVENUE & LIBERTY DRIVE - SIGNAL DETAIL
Scale: 1" = 10'-0"

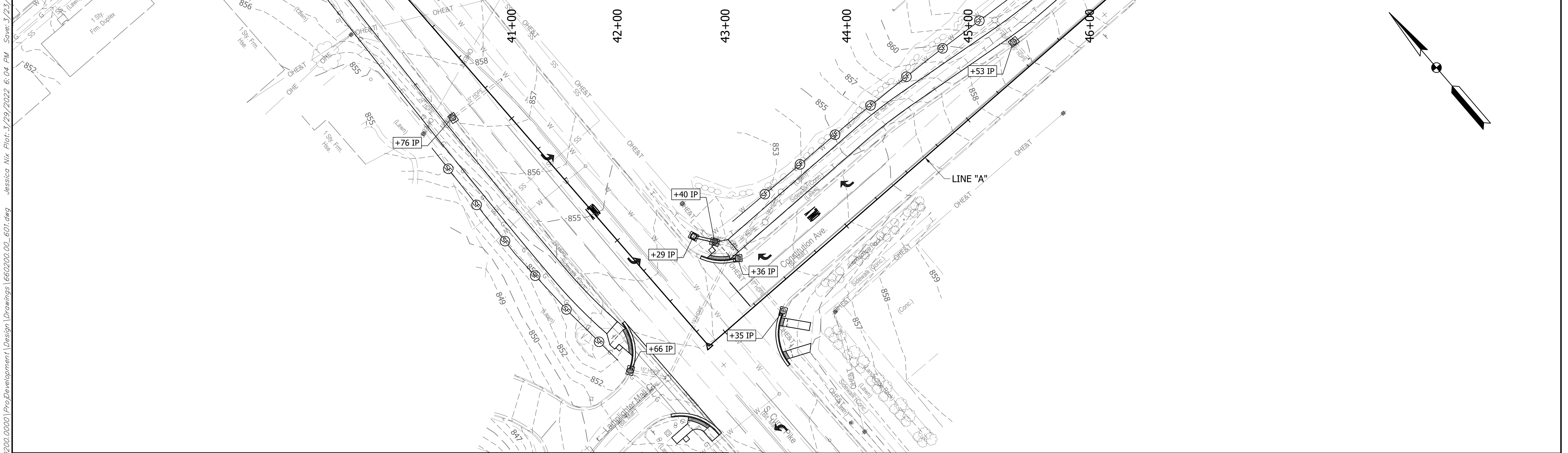
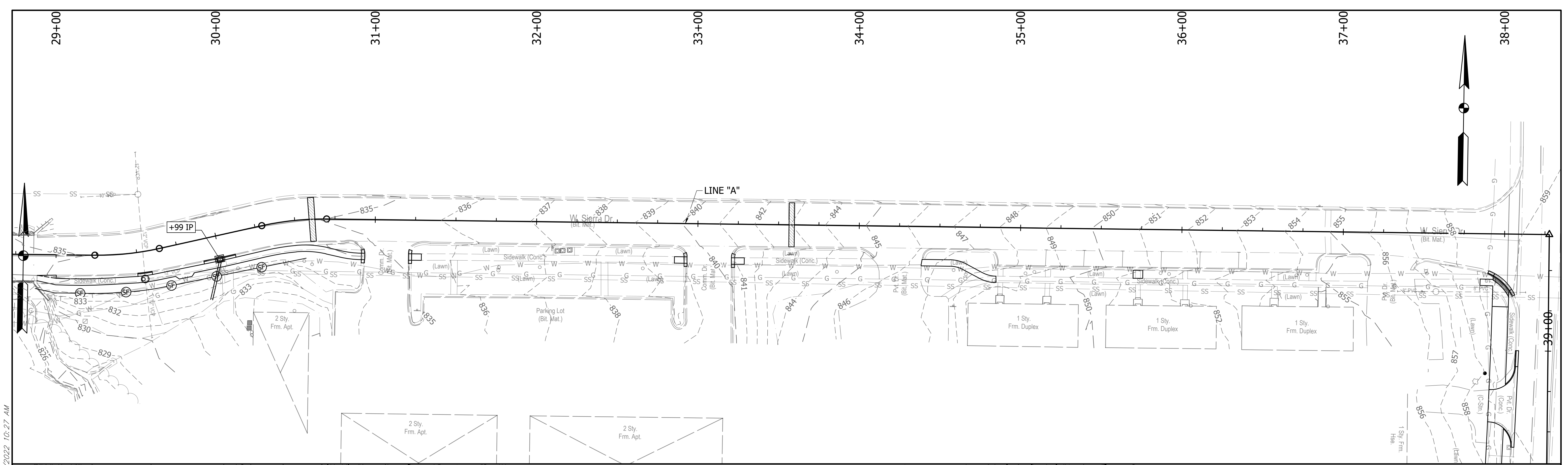
RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER: _____ DATE: <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR SIGNAL DETAILS	HORIZONTAL SCALE: 1"=10' VERTICAL SCALE: N/A SURVEY BOOK: ELECTRONIC CONTRACT: R-41898	BRIDGE FILE: ---- DESIGNATION: 1900405 SHEET: 34 OF 109 PROJECT: 1900405
DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV			660200.00 BFS NO.



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SYMBOL LEGEND				RECOMMENDED FOR APPROVAL:		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
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	EXISTING STORM STRUCTURE		PROPOSED STORM STRUCTURE	DESIGN ENGINEER: <i>XX/XX/2021</i>		DATE		VERTICAL SCALE		DESIGNATION	
	CONSTRUCTION LIMITS		INLET PROTECTION (IP)	DRAWN: JDW		DATE		N/A		1900405	
	EXISTING VEGETATION COVER		PERIMETER PROTECTION	CHECKED: AH		DATE		SURVEY BOOK		SHEET	
				CHECKED: DAV		DATE		ELECTRONIC		35 OF 109	
						KARST FARM GREENWAY CONNECTOR EROSION CONTROL PLANS		CONTRACT		PROJECT	
								R-41898		1900405	

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SYMBOL LEGEND	
	EXISTING STORM SEWER
	PROPOSED STORM SEWER/FLOW
	EXISTING STORM STRUCTURE
	PROPOSED STORM STRUCTURE
	CONSTRUCTION LIMITS
	INLET PROTECTION (IP)
	EXISTING VEGETATION COVER
	PERIMETER PROTECTION

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
	DAV	XX/XX/2021
DESIGNED:	DAV	DRAWN: JDW
CHECKED:	AH	CHECKED: DAV

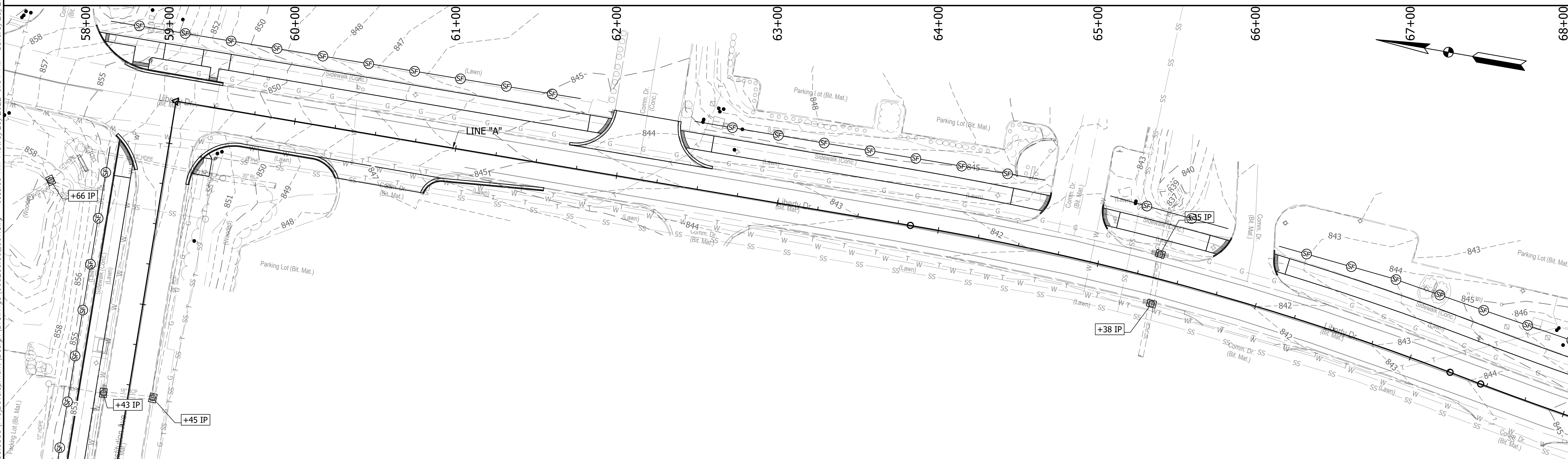
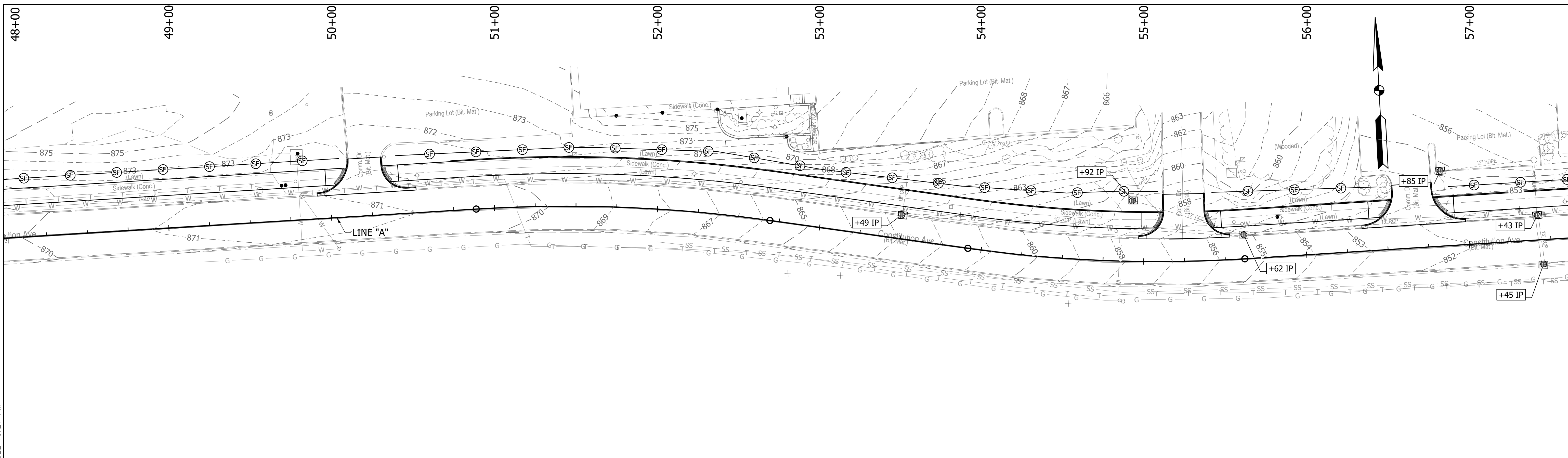
INDIANA
DEPARTMENT OF TRANSPORTATION

**KARST FARM GREENWAY CONNECTOR
EROSION CONTROL PLANS**

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	----
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	36 OF 109
CONTRACT	PROJECT
R-41898	1900405

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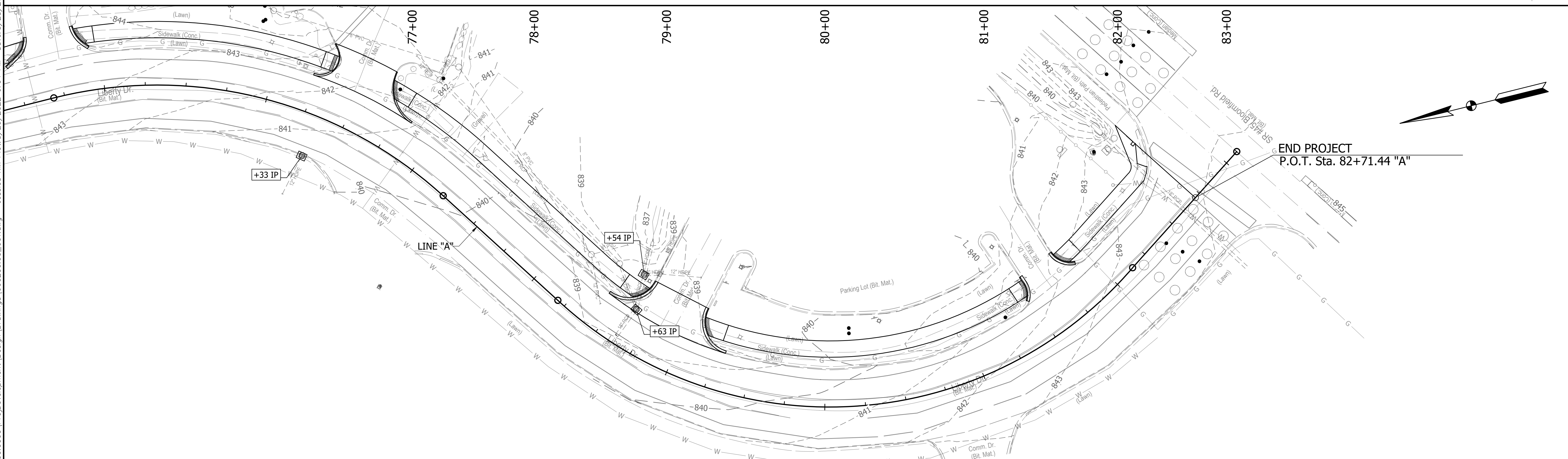
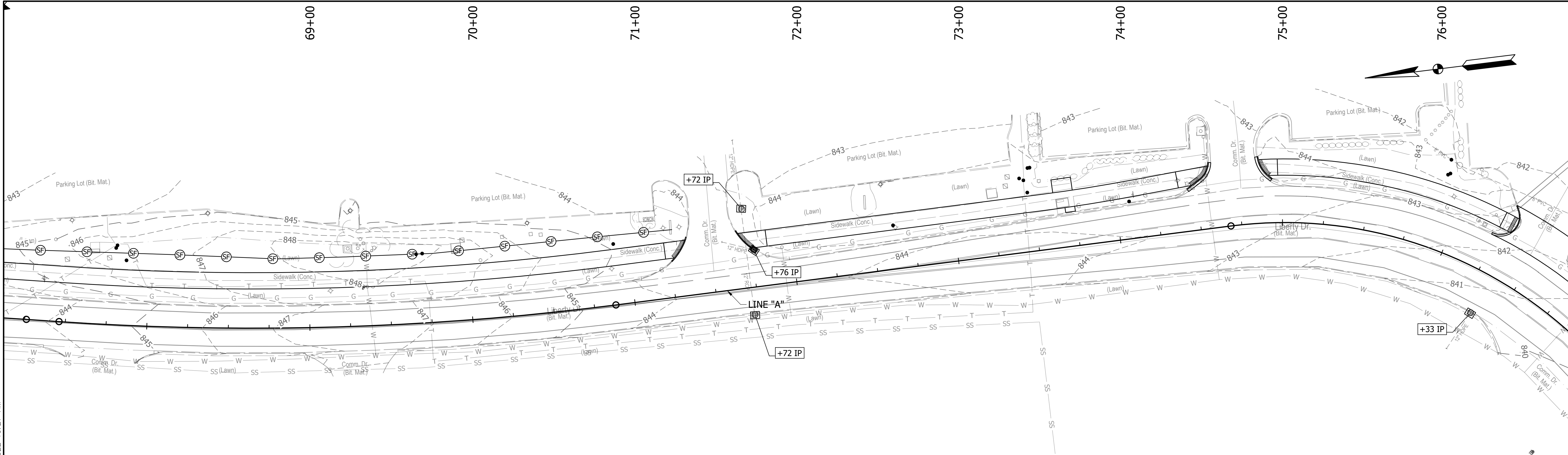
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SYMBOL LEGEND		RECOMMENDED FOR APPROVAL:		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE		BRIDGE FILE	
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■	EXISTING STORM STRUCTURE	■	PROPOSED STORM STRUCTURE	DESIGNED: DAV DRAWN: JDW	N/A	SHEET	OF 109	
---	CONSTRUCTION LIMITS	IP	INLET PROTECTION (IP)	CHECKED: AH CHECKED: DAV		CONTRACT	R-41898	
(Grass)	EXISTING VEGETATION COVER	○	PERIMETER PROTECTION			PROJECT	1900405	

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SYMBOL LEGEND				RECOMMENDED FOR APPROVAL:		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
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	EXISTING STORM STRUCTURE		PROPOSED STORM STRUCTURE			N/A		38 OF 109		PROJECT	
	CONSTRUCTION LIMITS		INLET PROTECTION (IP)			R-41898		1900405		PROJECT	
	EXISTING VEGETATION COVER		PERIMETER PROTECTION			R-41898		1900405		PROJECT	

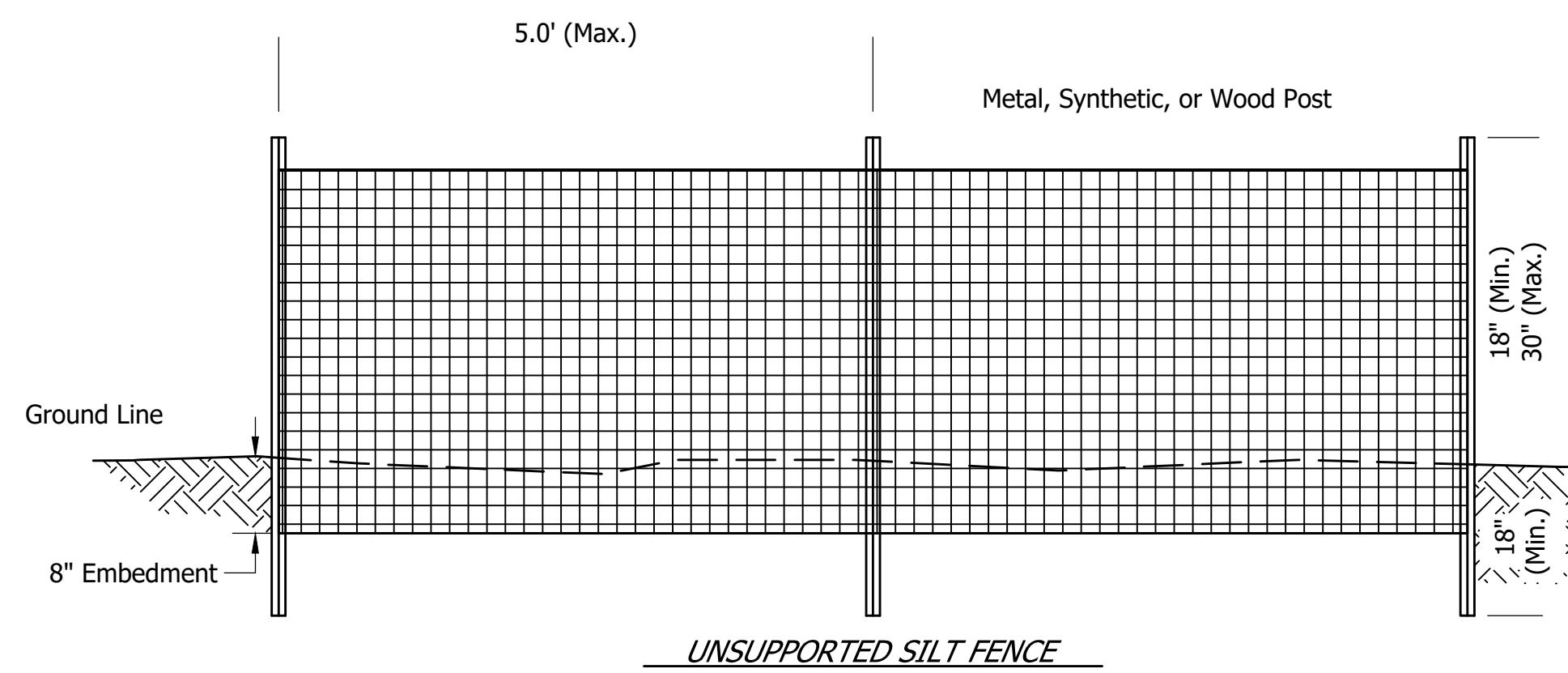
DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV
 DATE: XX/XX/2021

INDIANA DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
EROSION CONTROL PLANS

HORIZONTAL SCALE: 1"=30'
 VERTICAL SCALE: N/A
 SURVEY BOOK: ELECTRONIC
 CONTRACT: R-41898
 BRIDGE FILE: 1900405
 SHEET: 38 OF 109
 PROJECT: 1900405

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UNSUPPORTED SILT FENCE

NOTES:
Installation:
 Silt Fence Is Not Recommended For Use As A Diversion And Should Not Be Used Across A Stream, Channel, Ditch, Swale, Or Anywhere That Concentrated Flow Is Anticipated.

Lay Out The Location Of The Fence So That It Is Parallel To The Contour Of The Slope And At Least 10 Feet Beyond The Toe Of The Slope To Provide A Sediment Storage Area. Turn The Ends Of The Fence Up Slope Such That The Point Of Contact Between The Ground And The Bottom Of The Fence End Terminates At A Higher Elevation Than The Top Of The Fence At Its Lowest Point

Along The Entire Fence Line, Dig An 8 Inch Deep Flat Bottomed Or V-Shaped Trench. Place Fence According To Manufacturer's Recommendations.

Maintenance:
 Inspect The Silt Fence Weekly And After Each Storm Event.

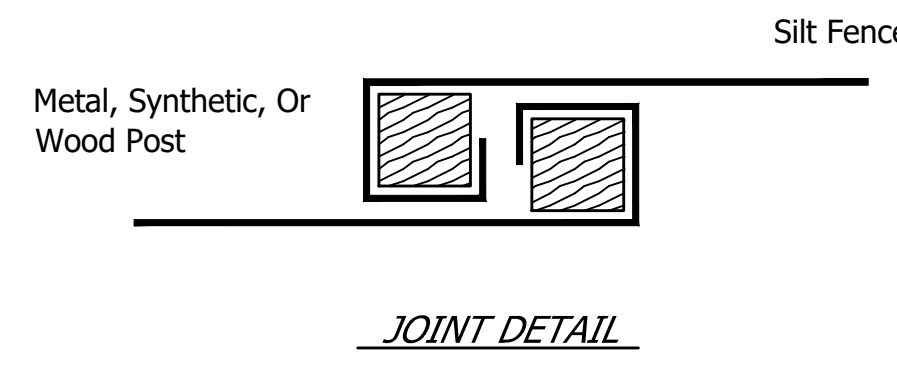
If Fence Fabric Tears, Starts To Decompose, Or In Any Way Becomes Ineffective, Replace The Affected Portion Immediately.

Remove Deposited Sediment When It Reaches Half The Height Of The Fence At Its Lowest Point Or Is Causing The Fabric To Bulge.

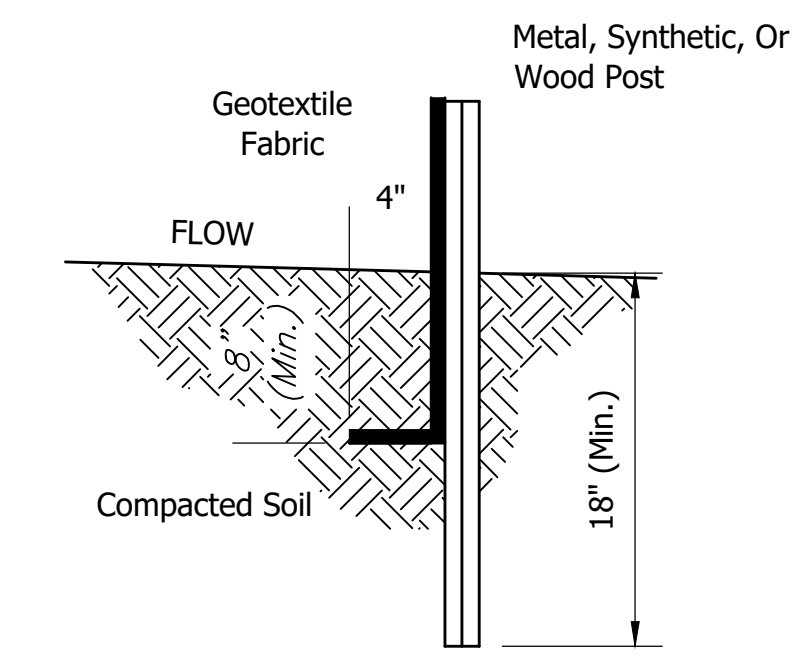
Take Care To Avoid Undermining The Fence During Clean Out.

After The Contributing Drainage Area Has Been Stabilized, Remove The Fence And Sediment Deposits, Bring The Disturbed Area To Grade, And Stabilize.

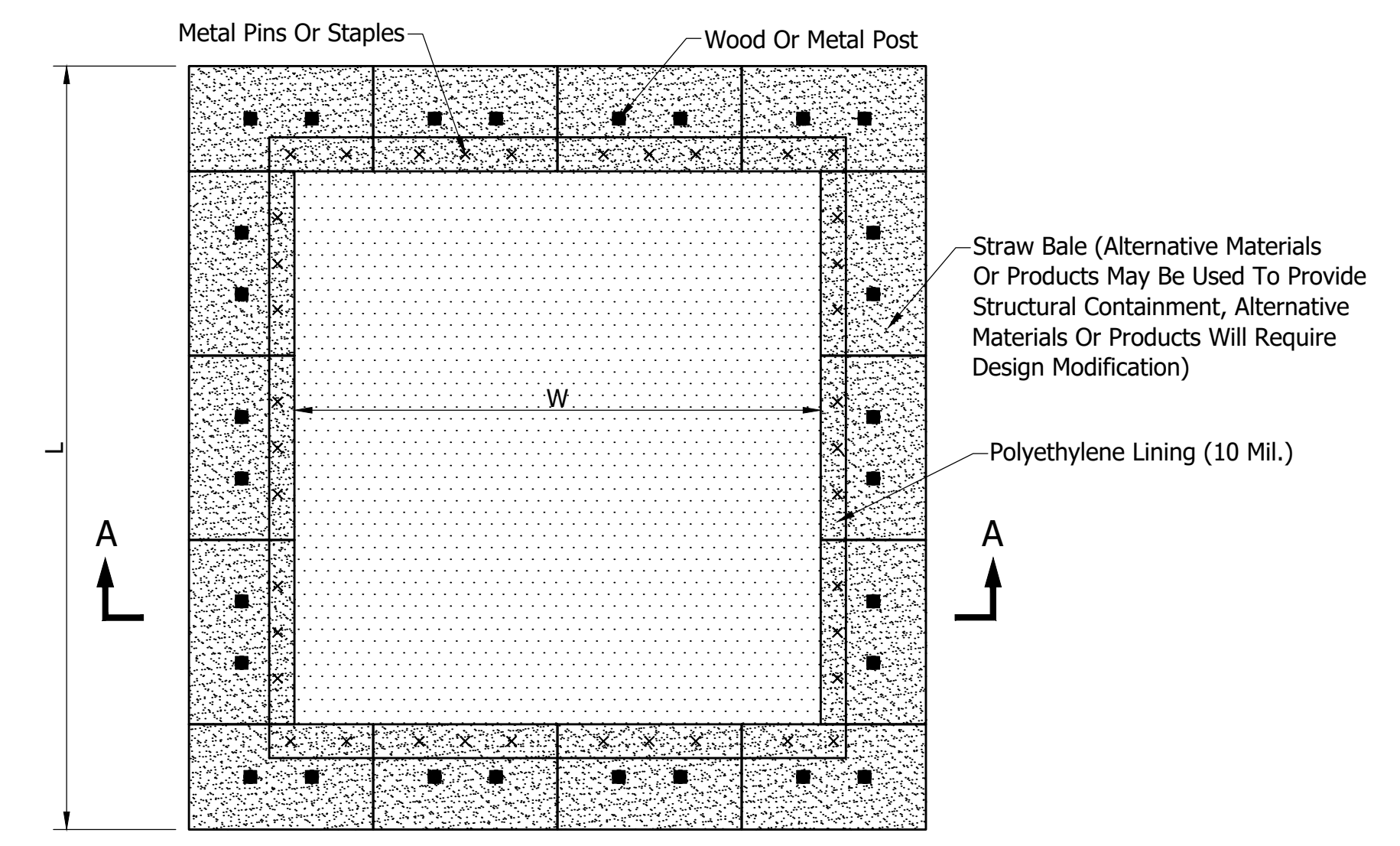
SILT FENCE (SEDIMENT FENCE) DETAIL
 NOT TO SCALE



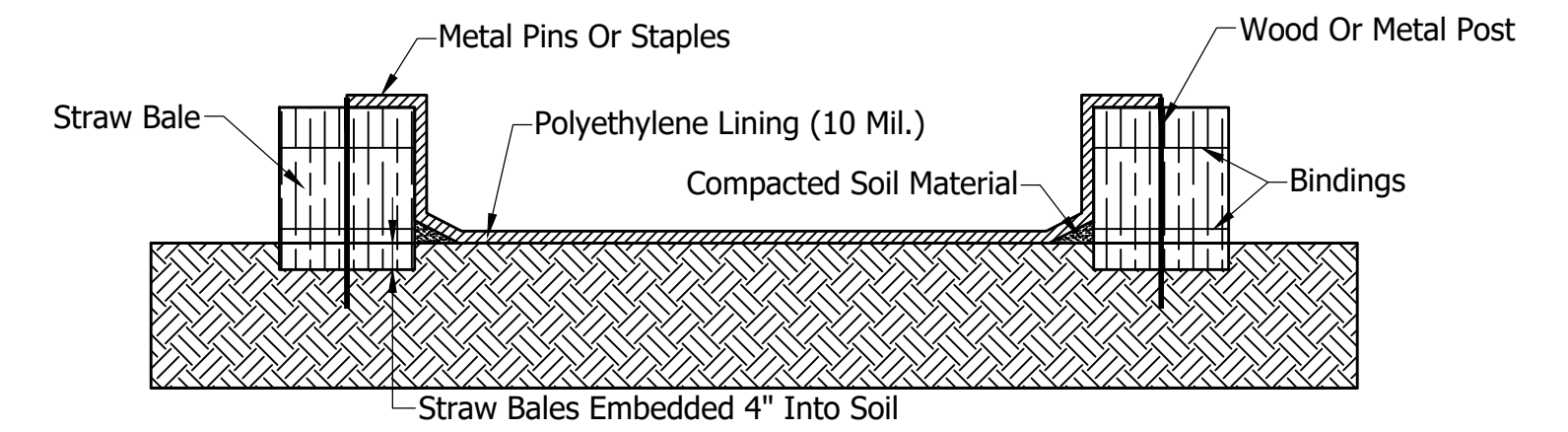
JOINT DETAIL



TRENCH DETAIL

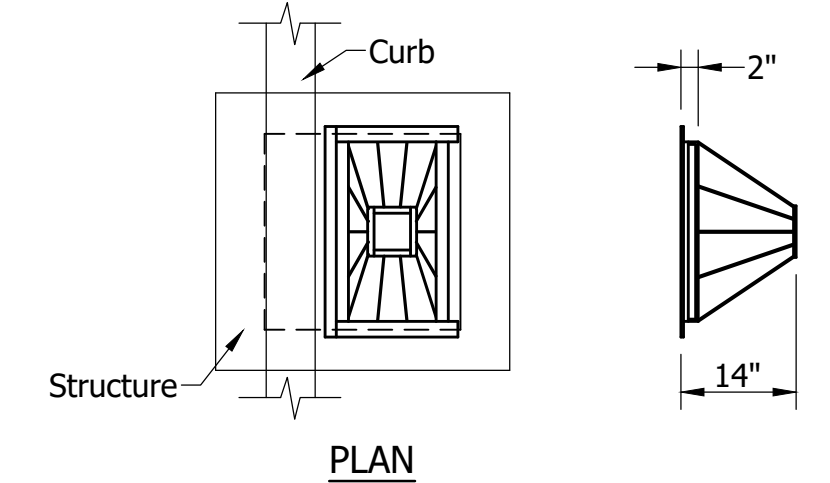


PLAN

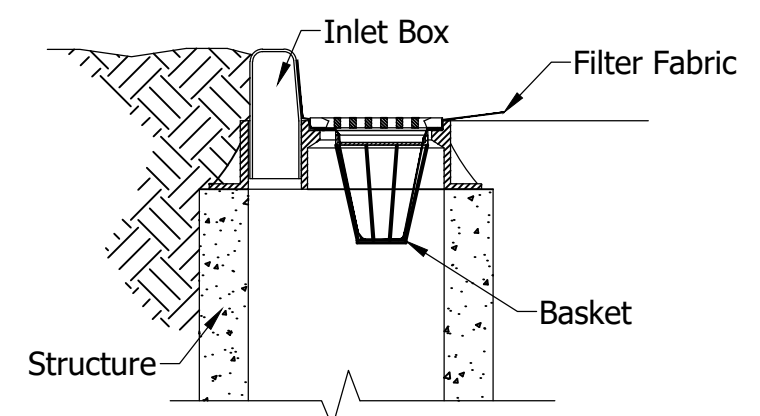


SECTION A-A

CONCRETE WASHOUT DETAIL
 NOT TO SCALE



PLAN



SECTION

NOTES:

Installation:
 Install Basket Curb Inlet Protection As Soon As Inlet Boxes Are Installed (New Development) Or Prior To Land Disturbing Activities (Existing Development).

If Necessary, Adapt Basket Dimensions To Fit Inlet Box Dimensions.

Remove The Grate And Install The Frame Into The Grate Opening. Cut And Install Geotextile Fabric According To The Manufacturer's Recommendations. Replace The Grate.

Maintenance:
 Inspect Daily And After Each Storm And Remove Sediment. Replace Or Clean Geotextile Fabric As Needed. Remove Tracked On Sediment From The Street (But Not By Flushing With Water) To Reduce The Sediment Load On This Curb Inlet Practice.

BASKET CURB INLET PROTECTION (IP) DETAIL
 NOT TO SCALE

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR EROSION CONTROL DETAILS	HORIZONTAL SCALE	BRIDGE FILE
		N/A	----
		VERTICAL SCALE	DESIGNATION
		N/A	1900405
DESIGNED: DAV	DRAWN: JDW	SURVEY BOOK	SHEET
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		CONTRACT	PROJECT
		R-41898	1900405

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EROSION CONTROL NOTES

GENERAL:

Take Measures To Control Erosion And Sedimentation To Assure That Sediment Is Not Transported From The Site By Storm Events. Practices Such As Silt Traps Or Filters Shall Be Installed Prior To Land Disturbing Activities. New Drainage Swales Shall Be Seeded And/Or Sodded, Or Other Protective Practices Applied, Immediately Following Construction. All Practices Shall Be Maintained To Remove Sediment From Runoff Leaving The Site As Long As Unstabilized Soil Conditions Exist.

After Land Disturbing Activities Cease And The Soil Is Stabilized, Temporary Erosion Control Measures May Be Eliminated If Their Purpose Has Been Fulfilled. Any Disturbed Soil Resulting From Removal Of Such Practices Shall Be Stabilized By Approved Methods.

Dispose Properly All Waste And Unused Building Materials Including, But Not Limited To, Garbage, Debris, Cleaning Wastes, Water, Toxic Materials, And Hazardous Substances. Do Not Allow Substances To Be Carried By Runoff Into A Receiving Channel Or Storm Sewer System.

Clean Public Or Private Roadways Daily And After Major Storms Using Acceptable Methods To Remove Any Accumulated Sediment. The Developer's Contractors Are Responsible For Supervision Of The Construction Activity Within The Development And Shall Take All Necessary Actions To Remove Sediment From The Streets.

For Construction Sequence, Maintenance, And Other Soil Erosion Requirements, See Specifications For Site Clearing, Slope Protection, Erosion Control, Landscaping, And Seeding.

Erosion And Sediment Control Practices Must Adhere To, Or Exceed Those Shown On The Erosion Control Plan, (And Rule 5 327 IAC 15-5) And Shall Be In Accordance With The Indiana Storm Water Quality Manual, Indiana Department Of Environmental Management.

SURFACE STABILIZATION:

Cut Slopes Which Are To Be Topsoiled Should Be Scarified To A Minimum Depth Of 4 Inches Prior To Placement Of Topsoil. Install Erosion Control Blankets On All Slopes Of 3 (Horizontal) To 1 (Vertical).

Stabilize All Disturbed Ground Left Inactive For Fifteen Or More Days By Seeding, Sodding, Mulching, Or By Other Equivalent Erosion Control Practices. See The Landscape Plan For Permanent Ground Cover Requirements Adjacent To The Building And Parking Areas.

SODDING:

Do Not Install Sod On Hot, Dry Soil, Frozen Soil, Compacted Clay, Loose Sand Or Gravel, Or Pesticide Treated Soil. Ideal Sodding Time Is May 1-June 1, Or September 1-October 20, Although It Can Be Installed As Early As March 15, If Available And Temperatures Are Above 32°F, Or June 1-September 1 If Irrigated.

Install Sod After Other Erosion Control Practices Have Been Completed. Break Up Compacted Soils Sufficiently To Create A Favorable Rooting Depth Of 6-8 Inches, Using A Chisel Plow, Disk, Harrow, Or Rake.

Apply Topsoil If The Site Is Otherwise Unsuitable For Establishing Vegetation. Shape, Smooth, And Firm The Soil Surface.

Have The Soil In The Sod Bed Tested To Determine Its pH And Nutrient Level. If The pH Is Too Acidic For The Grass Sod To Be Installed, Apply Lime According To Test Results Or At The Rate Recommended By The Sod Supplier.

Fertilize As Recommended By The Soil Test. If Testing Was Not Done, Consider Applying 400-600 Lbs./Acre Of 12-12-12 Analysis Fertilizer, Or Equivalent Fertilizer, As Recommended By The Soil Test. Work The Fertilizer Into The Soil To 2-4 Inches Deep.

TREE CONSERVATION/PROTECTION:

Protect Trees From Construction Equipment By Fencing Off An Area Equivalent To The Tree's Crown With Temporary Construction Safety Fence. If A Fence Cannot Be Erected, Cushion The Rooting Area With 6 Inches Of Wood Chips, Or Wood Or Brick Paths.

Create Traffic Patterns Such As To Keep Soil Compaction To A Minimum. Store Supplies And Equipment Away From Protected Tree Areas. Aerate Soil Where Compaction Has Been Excessive.

When Clearing Areas Adjacent To Protected Trees, Use Equipment Such As A Brush Cutter Or Rotary Ax, Or Cut By Hand. Where Root Areas Must Be Graded, Cut Large Roots Instead Of Tearing Them With Equipment.

Minimize Changes In The Drainage Pattern. Avoid Putting Fill Over The Root System.

Prune Low Hanging Limbs That Could Otherwise Be Broken Off By Equipment.

Repair Wounds Simply By Removing Damaged Bark And Wood Tissue (Do Not Use Tree Paint).

EROSION CONTROL BLANKETS:

Use Machine Produced Mat Of Straw Fiber Matrix Or Curled Wood Excelsior Of 80 Percent, 6 Inch Or Longer Fiber Length.

Evenly Distribute Fibers Over Entire Area Of Blanket To Provide Consistent Thickness.

Provide Blanket With Top Side Covered With Biodegradable Extruded Plastic Mesh.

Treat Blankets To Impart Smolder Resistance Without Use Of Chemical Additives.

Provide "Curlex Blankets" By American Excelsior Company, Or "S150" By North American Green, Or Accepted Substitute.

EROSION CONTROL BLANKET STAPLES:

Use Minimum 0.091 Inch Diameter Steel Wire "U" Shape With Legs 6 Inches In Length With 1 Inch Crown.

SEEDING:

The Following Table Is For General Seeding Information Only. Consult The Indiana Storm Water Quality Manual For Recommendations Relating To Steep Banks And Cuts, High Maintenance Areas, And Channels And Areas Of Concentrated Flow.

SEEDS:

- 40 Percent Kentucky Bluegrass
- 40 Percent Creeping Red Fescue
- 20 Percent Annual Rye Grass

FERTILIZER:

Commercial Fertilizer (12-12-12)

STRAW:

Clean And Free Of Weed Seeds

Spread Fertilizer Uniformly Over Finish Graded Surfaces At A Rate Of 20 Pounds Per 1,000 Square Feet. Thoroughly Disk, Harrow, Or Rake Fertilizer Into Soil To Depth Not Less Than 2 Inches.

Distribute Seed Mix Same Day As Fertilizer Is Applied. Spread Evenly At A Rate Of 3 Pounds Per 1,000 Square Feet. Rake Lightly And Compact Areas With 100 Pound Roller.

Cover Areas With Straw Evenly Spread At A Rate Of 2 Tons Per Acre Immediately After Seeding. Water Areas With Fine Spray. Do Not Flood Or Create Washes. Protect Seeded Areas From Erosion.

Continue Watering Of These Areas On A Daily Basis For The Remainder Of The Construction Period.

Hold Sloped Areas Steeper Than 2 (Horizontal) To 1 (Vertical) With Wire Mesh Or Stakes And Wire.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Wheat Or Rye												
Oats												
Annual Rye Grass												
Non-Irrigated*												
Irrigated												
Dormant Seeding**												

Temporary Seeding Dates
Permanent Seeding Dates

- ▨ Irrigation Required
- * Seeding Dates May Be Extended 5 Days If Mulch Applied And Planted Late Summer
- ** Increase Seeding Rate By 50%

NOTES:

If Construction Activities Take Place During The Months Of November Through February, Use Dormant Seeding Practices In Place Of Temporary And Permanent Seeding Practices.

See Chapter 7 Of The Indiana Storm Water Quality Manual, For Additional Seeding Recommendations.

Potential Storm Water Pollutants Material Handling and Spill Prevention				
Trade Name /Material	Source	Chemical/Physical Description	Storm Water Pollutants	Remedial Action
Fertilizer	Landscaping Activities	Liquid or Solid Grains	Nitrogen, Phosphorus	(1), (2), (3)
Cleaning Solvents	Normal Business Operation	Colorless, Blue Or Yellow-Green Liquid	Perchloroethylene, Methylene Chloride, Trichloroethylene, Petroleum Distillates	Seal Drains & Inlets w/Plastic And Or Tape And Collect Excess, (1), (2), (3), (4)
Asphalt	Site Construction	Black Solid	Oil, Petroleum Distillates	(1), (2) Due To Contamination Of Runoff Before Curing Is Complete
Concrete	Bridge Construction	White Solid	Limestone, Sand	Concrete Washout Areas Shall Be Utilized & Concrete Disposed Of Properly Once Hardened (2).
Paints	Roadway Striping	Various Colored Liquids	Metal Oxides, Stoddard Solvent, Talc, Calcium Carbonate, Arsenic	Care Should Be Taken To Minimize Over Spray (1), (2), (3), (4)
Curing Compounds	Site Construction	Creamy White Liquid	Naphtha	(1), (2), (3), (4)
Wastewater From Constr. Equipment Washing	Construction Equipment	Water	Soil, Oil, Grease, Solids	Equipment Washing Shall Be Executed In A Location Which Does Not Cause Wastewater To Drain Directly To Storm Sewers Or Ditches (i.e. Flat Vegetated Area) (2)
Hydraulic Oil/Fluids	Construction Equipment, Cars	Brown Oily Petroleum Hydrocarbon	Mineral Oil	Storm Structures Incorporate A Hooded Outlet Preventing Floatables From Exiting Site, (3), (4)
Gasoline	On Site Storage Tanks, Cars, Construction Equipment, Fueling Operations	Colorless, Pale Brown Or Pink Petroleum Hydrocarbon	Benzene, Ethyl Benzene, Toluene, Xylene, MTBE	Storage Tanks Shall Have Emergency Storage Capacity Below Tank In Case Of Rupture, 3'x3'x6" Spill Pans Shall Be Used During Fueling. (3), (4)
Diesel Fuel	On Site Storage Tanks, Cars, Construction Equipment, Fueling Operations	Clear, Blue-Green To Yellow Liquid	Bpetroleum Distillate, Oil And Grease, Naphthalene, Xylenes	Storage tanks shall have emergency storage capacity below tank in case of rupture, 3'x3'x6" spill pans shall be used during fueling. (3), (4)
Kerosene	Cleaning Operations, Heaters	Pale Yellow Liquid Petroleum Hydrocarbon	Coal Oil, Petroleum Distillates, Arsenic, Copper	3'x3'x6" Spill Pans Shall Be Used During Fueling Operations And Cleaning Of Equip. To Catch Excess, (1), (2), (3), (4)
Antifreeze Coolant	Construction Equipment, Cars	Clear Green/Yellow Liquid	Ethylene Glycol, Propylene Glycol, Heavy Metals (Copper, Lead, Zinc)	(1), (2), (3), (4)
Soil Erosion	Exposed Soil	Solid Particles	Soil Sediment	Erosion Control Measures (This Sht.)
Solid Waste Trash	Normal Business Operation	Trash, Debris, Refuse	Trash, Debris, Refuse	Trash Cans Shall Be Utilized On Site During And After Construction

This Table Was Provided For General Information Only To Supplement Information Used In The Rule 5 Permitting Process. The Contractor Is Responsible For Material Handling And Spill Mitigation Procedures.

Notes:

- All Excess Materials Shall Be Collected And Disposed Of In Accordance With All Federal, State And Local Regulations.
- Material Shall Not Be Applied Immediately Preceding, During Or Following Rainfall (When Applicable).
- Spillage Should Be Cleaned Immediately By A Trained Individual And Disposed Of Per Note (2).
- Store In Sealed Containers Appropriate For Specific Use.

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE <i>XX/XX/2021</i>	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
		N/A	----
DESIGNED: DAV DRAWN: JDW	KARST FARM GREENWAY CONNECTOR EROSION CONTROL NOTES	VERTICAL SCALE	DESIGNATION
		N/A	1900405
CHECKED: AH CHECKED: DAV		SURVEY BOOK	SHEET
		ELECTRONIC	40 OF 109
		CONTRACT	PROJECT
		R-41898	1900405

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**Rule 5 Checklist - Section A:
Construction Plan Elements**

- A1. Index Showing Locations Of Required Plan Elements
See The Index Sheet.
- A2. 11x17 Inch Plat With Building, Lots, Boundaries, Road Layout Names
See The Plat No. 1 Sheets.
- A3. Narrative Describing Nature And Purpose Of Project
The project involves construction of HMA-paved multi-use trail to improve pedestrian routes.
- A4. Vicinity Map Showing Project Location
See The Title Sheet.
- A5. Legal Description Of The Project Site
The project begins at Latitude: 39°09'04" N, Longitude: 86°35'29" W; and ends at Latitude: 39°08'43" N, Longitude: 86°34'40" W, Monroe County Indiana.
- A6. Location Of All Site Improvements
Improvements are Contained Within The Construction Limits As Shown On The Plan And Profile Sheets.
- A7. Hydrologic Unit Code
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX
- A8. Note Any State Or Federal Water Quality Permits
An IDEM Rule 5 Erosion Control Permit, IDEM 401, Corps 404, and DNR Construction in Floodway Permit are Required For This Project.
- A9. Specific Points Where Stormwater Discharge Will Leave The Site
Stormwater will leave the site at the following locations:
- XXXXXXXXXXXX
- XXXXXXXXXXXX
- XXXXXXXXXXXX
- A10. Location And Name Of All Wetlands, Lakes And Water Courses On And Adjacent To The Site
See National Wetland Inventory Map.
- A11. Identification Of All Receiving Waters
- XXXXXXXXXXXX
- XXXXXXXXXXXX
- XXXXXXXXXXXX
- A12. Identification Of Potential Discharges To Ground Water (Abandoned Well, Sinkholes, Etc.)
No Potential Discharges To Ground Water Are Known To Exist For This Project.
- A13. 100 Year Floodplains, Floodways, And Floodway Fringes
See The Flood Insurance Rate Map.
- A14. Pre-Construction And Post Construction Estimate Of Peak Discharge (10 Year Storm Event)
Pre-construction discharge of the corridor (all area within R/W) is XX cfs. Post-construction discharge is XX cfs.
- A15. Adjacent Land Use, Including Upstream Watershed
The land use along the trail alignment is primarily residential.
- A16. Construction Limits
See The Plan And Profile Sheets For Construction Limits.
- A17. Identification Of Existing Vegetative Cover
Existing vegetative cover is primarily lawn grass, with interspersed lawn trees.
- A18. Soils Map Including Soil Descriptions And Limitations
See The Attached Soils Map.
- A19. Locations, Size And Dimensions Of Proposed Stormwater Systems (e.g. Pipes, Swales, And Channels)
See The Plan And Profile Sheets And The Structure Data Table.
- A20. Plans For Any Off Site Construction Activities Associated With This Project (Sewer/Water Tie-ins)
There Are No Offsite Construction Activities Associated With This Project.
- A21. Locations Of Proposed Soil Stockpiles And/or Borrow Disposal Areas
The contractor shall determine the location of stockpiles, borrow and/or disposal areas used during construction. The determined locations may require an amendment to the SWPPP by the contractor and shall be approved by the SWPP reviewing agency. Proposed borrow or disposal sites shall be identified by the contractor before the material is excavated or disposed of within or outside the R/W in accordance with sections 203.08, 203.09, and 212. The contractor will comply with section 108.04 of the INDOT Standard Specifications and RSP 108-C-192D Storm Water, Erosion, and Sediment Control Inspection Report.
- A22. Existing Site Topography At An Interval Appropriate To Indicate Drainage Patterns
See The Erosion Control Sheets For Existing Topography Contours.
- A23. Proposed Final Topography At An Interval Appropriate To Indicate Drainage Patterns
Refer To The Plan And Profile Sheets And Cross Section Sheets For Final Topography.

**Rule 5 Checklist - Section B:
Stormwater Pollution Prevention Plan-Construction Component**

- B1. Description Of Potential Pollutant Sources Associated With Construction Activities.
The Following Could Generate Potential Pollutants Associated With Construction Activities:
A. Fueling Of Vehicles
B. Leaking Equipment Or Vehicles
C. Material Storage
D. Site Demolition
E. Excavation Of Materials
F. Exposed Soils
G. Construction Waste And Litter
H. Sanitary Waste
I. Concrete Waste And Washout
J. Tracking Of Soils Offsite
See The Potential Stormwater Pollutants And Spill Prevention Handling Table Located On The Erosion Control Notes.
- B2. Sequence Describing Stormwater Quality Measure Implementation Relative To Land Disturbing Activities.
Preconstruction:
A. A Pre-Construction Conference Shall Be Held With The Kokomo Stormwater Inspector At Least 48 Hours Before Any Land Disturbing Activity Occurs. The Stormwater Department Can Be Contacted At 765-807-8980.
B. Contact The Indiana Underground Plant Protection Systems, Inc. To Verify The Location Of Any And All Underground Utilities.
C. If Necessary, Install Temporary Construction Entrances At Access Points.
D. Exhibit Rule 5 Information At The Job Site. Contractor Shall Designate A Person Responsible For Onsite Inspections And For Providing SWPPP Onsite.
E. Install Inlet Protections For Existing Inlets.
Construction:
A. Contractor Shall Construct Concrete Washouts. Contractor Shall Coordinate Location Of Concrete Washouts With Owner And Engineer.
B. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required, Which Includes, But Is Not Limited To, Inlet Protections.
C. Begin Mass Earthwork Operations.
D. Install Staging Areas, Material Storage Areas, And Fueling Stations.
E. Temporarily Seed Disturbed Areas If To Be Disturbed More Than 7 Days.
F. Begin Trenching For Storm Sewers.
G. Complete Subgrade Operations.
H. Install Storm Sewers.
I. Finish Grading.
J. Install Permanent Seeding.
- B3. Stable Construction Entrance Locations And Specifications (At All Points Of Ingress And Egress)
The Contractor Shall Utilize Existing Streets And Drives As Much As Possible For Construction Ingress And Egress. The Contractor Shall Keep Public Roads And Private Drives Clear And Remove All Dust, Dirt, And Debris As A Result Of Construction Activities. If The Contractor Determines That Temporary Construction Entrances Are Necessary, The Temporary Construction Entrances Shall Meet The Requirements Of INDOT Standard Drawing E 205-TECP-01.
- B4. Sediment Control Measures For Sheet Flow Areas
Sediment control for sheet flow areas will be handled via perimeter protection where necessary. See the Plan and Profile and Erosion Control Sheets.
- B5. Sediment Control Measures For Concentrated Flow Areas
Sediment control for concentrated flow areas will be handled via riprap ditch checks where necessary. See the Plan and Profile and Erosion Control Sheets.
- B6. Storm Sewer Inlet Protection Measure Locations And Specifications
See the Plan and Profile and Erosion Control Sheets for Inlet Protection Locations and Details.
- B7. Runoff Control Measures (e.g. Diversions, Rock Check Dams, Slope Drains, Etc.)
In general, runoff with be perpetuated in existing ditch flowlines. Perimeter protection silt fence will be installed in low flow (trickle) ditches. Rock Check dams will be installed where the flow is anticipated to be too great for perimeter protection.
- B8. Stormwater Outlet Protection Specifications
Pipe end section and revetment riprap on geotextiles is proposed for high-flow storm pipe outlets, as shown on the plan and profile sheets. Trickle flow pipes will not required outlet protection.
- B9. Grade Stabilization Structure Locations And Specifications.
No special grade stabilization measures are proposed.
- B10. Location, Dimensions, Specifications, And Construction Details Of Each Stormwater Quality Measure.
No stormwater quality measures are proposed.
- B11. Temporary Surface Stabilization Methods Appropriate For Each Season.
Temporary Seeding Shall Be Implemented For All Disturbed Land Left Inactive For A Period Of 7 Days.
- B12. Permanent Surface Stabilization Specifications.
Permanent seeding will be implemented for all disturbed land and will occur once final grading has been completed.

Rule 5 Checklist - Section B: (Continued)

- B13. Material Handling And Spill Prevention Plan
Vehicle And Equipment Maintenance: Onsite Vehicle And Equipment Maintenance Shall Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Maintenance And Repair. For Onsite Maintenance, Locate Maintenance Area At Least Fifty (50) Feet From Storm Drains, Open Ditches, Or Bodies Of Water. Use Drip Pans And Absorbent Pads During Vehicle And Equipment Maintenance Work That Involves Fluids, Unless The Maintenance Work Is Performed Over An Impermeable Surface In A Designated Maintenance Area. Properly Dispose Of Used Oils, Fluids, Lubricants, And Spill Cleanup Materials. Do Not Place Used Oil In A Dumpster Or Pour Into A Storm Drain Or Watercourse. Inspect Onsite Vehicles And Equipment For Leaks Daily At The Startup, And Repair Immediately.
- Vehicle Fueling: Onsite Vehicle And Equipment Fueling Shall Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Fueling. For Onsite Fueling, Locate Fueling Area At Least Fifty (50) Feet From Storm Drains, Open Ditches, Or Bodies Of Water. Use Drip Pans And Absorbent Pads During Vehicle And Equipment Fueling, Unless The Fueling Is Performed Over An Impermeable Surface In A Designated Fueling Area. Nozzles Used In Vehicle And Equipment Fueling Shall Be Equipped With An Automatic Shutoff To Control Drips. Fueling Operations Shall Not Be Left Unattended. Observe Federal, State, And Local Requirements For Any Stationary Above Ground Storage Tanks.
- Debris Collection: Litter And Debris Removal From Drainage Grates, Trash, Rocks, And Ditch Lines Shall Be A Priority To Prevent Clogging Of The Storm Drainage System. Remove Construction Debris And Waste From The Site Biweekly Or More Frequently As Needed. Store Construction Material Visible To The Public In An Orderly Manner. Prevent Stormwater From Contacting Stored Solid Waste.
- Concrete Washout: Perform Washout Of Concrete Trucks Offsite Or In Designated Areas Only. For An Onsite Washout, Locate Washout Area At Least Fifty (50) Feet From Storm Drains, Open Ditches, Or Bodies Of Water. Do Not Allow Runoff From This Area By Constructing A Temporary Berm Or Holding Area Large Enough For Liquid And Solid Waste. Wash Out Waste Into The Designated Area Where The Concrete Can Set And Be Broken Up And Then Disposed Of Properly. Do Not Wash Out Concrete Trucks Into Storm Drains, Open Ditches, Streets, Or Streams. Do Not Allow Excess Concrete To Be Dumped Onsite, Except In Designated Areas.
- Alert Procedure For Spills: In The Event Of A Material Spill (Fuel, Oil, Fluids, Lubricants, Etc.), Barricade The Area To Keep Vehicles From Entering Or Leaving The Spill Zone. Notify The Indiana Department Of Environmental Management (IDEM), Office Of Emergency Response, By Calling The Appropriate Phone Number: Office 317-233-7745 Or Toll Free 800-233-7745. Also, The National Response Center Can Be Contacted At 800-424-8802. Provide The Following Information: Time Of Observation Of The Spill, Location Of The Spill, Identify Material Spilled, Probable Time And Source Of The Spill, Weather Conditions, Personnel At The Scene, And Action Initiated By Personnel. Notify The Local Fire Department And Police Department. Coordinate And Monitor Cleanup Until The Situation Has Been Stabilized And The Spill Has Been Eliminated.
14. Monitoring And Maintenance Guidelines For Each Proposed Stormwater Quality Measure.
The Contractor Shall Maintain All Water Quality Measures During Construction To Prevent Any Blockages From Accumulating Sediment. Monitoring Of The Protective Measures Shall Be Done On A Weekly Basis, And Again Within 24 Hours Of Every Half-Inch Rain Event. Maintenance Shall Include A Written Record Of Each Inspection By Filling Out The Storm Water, Erosion, And Sediment Control Inspection Report Included In INDOT RSP 108-C-192D. The Written Record Shall Be Made Available Upon Request.
- Temporary Inlet Protection:
A. Inspect Daily And Following Each Storm Event.
B. Remove Accumulated Sediment As Needed To Maintain Drainage And To Prevent Large Flows From Displacing Sediment.
C. Add Aggregate As Needed To Maintain Design Height And Cross Section.
- Temporary And Permanent Seeding:
A. Monitor Until It Reaches 70% Coverage.
B. Reseed As Needed.
C. Install Additional Erosion Control To Help Establish Cover.
- Temporary Construction Entrance:
A. Inspect Weekly, Within 24 Hours Of Every Half-Inch Rain Event, And Daily During Periods Of Heavy Use.
B. Reshape Pad As Needed.
C. Top Dress Pad As Needed.
D. Immediately Remove Any Mud And Sediment Tracked Or Washed Onto The Street Using Brushing Or Sweeping. Flush Area Only If Runoff Will Be Flowing Through A Sediment Trap.
E. Repair Any Damaged Pavement Immediately.
- Concrete Washout:
A. Inspect Weekly, Within 24 Hours Of Every Half-Inch Rain Event, And After Heavy Use.
B. Repair Or Replace Leaks, Spills, And Tears As Needed.
C. Ensure Each Containment System Maintains Adequate Capacity.
- Check And Maintain Any Additional Erosion Control Measures As Needed.
15. Erosion & Sediment Control Specifications For Individual Building Lots.
N/A.

**Rule 5 Checklist - Section C:
Stormwater Pollution Prevention Plan-Post Construction Component**

- C1. Description Of Pollutants And Their Sources Associated With The Proposed Land Use.
See the potential stormwater pollutants and spill prevention handling table located on the erosion control notes.
- C2. Sequence Describing Stormwater Quality Measure Implementation.
Typical Construction Sequence Schedule:
1. All disturbed ground will be seeded immediately after grading or when the project is substantially complete.
2. Perimeter protection is to be removed after disturbed soil areas have been stabilized.
- The actual sequencing of the construction events, including erosion control measures, is the responsibility of the contractor.
- C3. Description Of Proposed Post Construction Stormwater Quality Measures.
All Disturbed Non-Paved Areas Shall Be Seeded. Permanent seeding type U will be applied to all disturbed areas.
- C4. Location, Dimensions, Specifications, And Construction Details Of Each Stormwater Quality Measure.
No permanent measures required aside from seeding and riprap outlet pads.
- C5. Description Of Maintenance Guidelines For Post Construction Stormwater Quality Measures.
City maintenance personnel will monitor vegetative coverage and seed when necessary.

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CHECKED: AH CHECKED: DAV			SURVEY BOOK	SHEET
			ELECTRONIC	41 OF 109
			CONTRACT	PROJECT
			R-41898	1900405

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SHEET SIGN & POST SUMMARY

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37+86.36	RT	R1-1	30	30	1	6.25			8.0
42+43.28	RT				1				
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74+10.88	LT	R2-1	30	24	1	5.00			8.0
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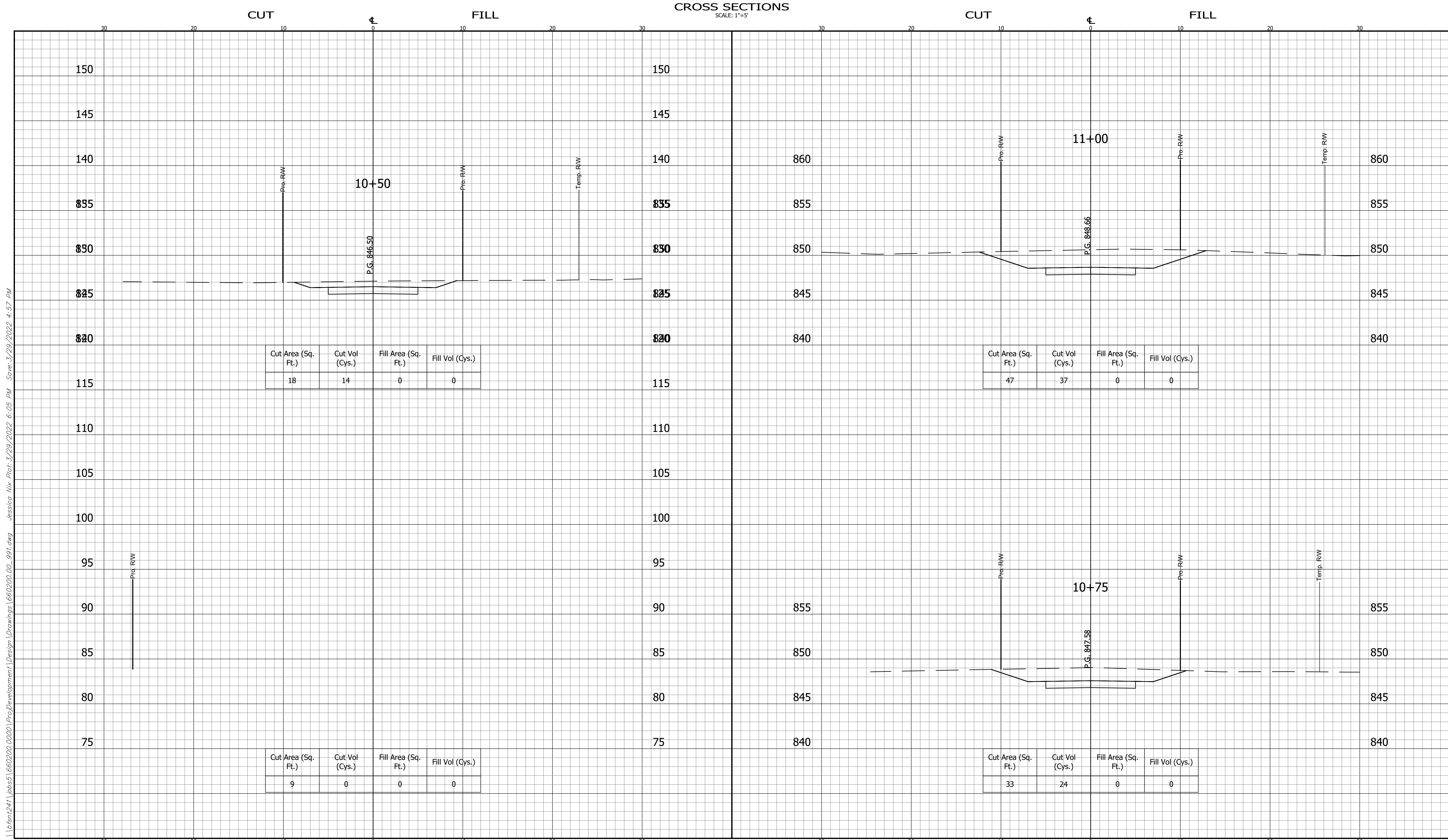
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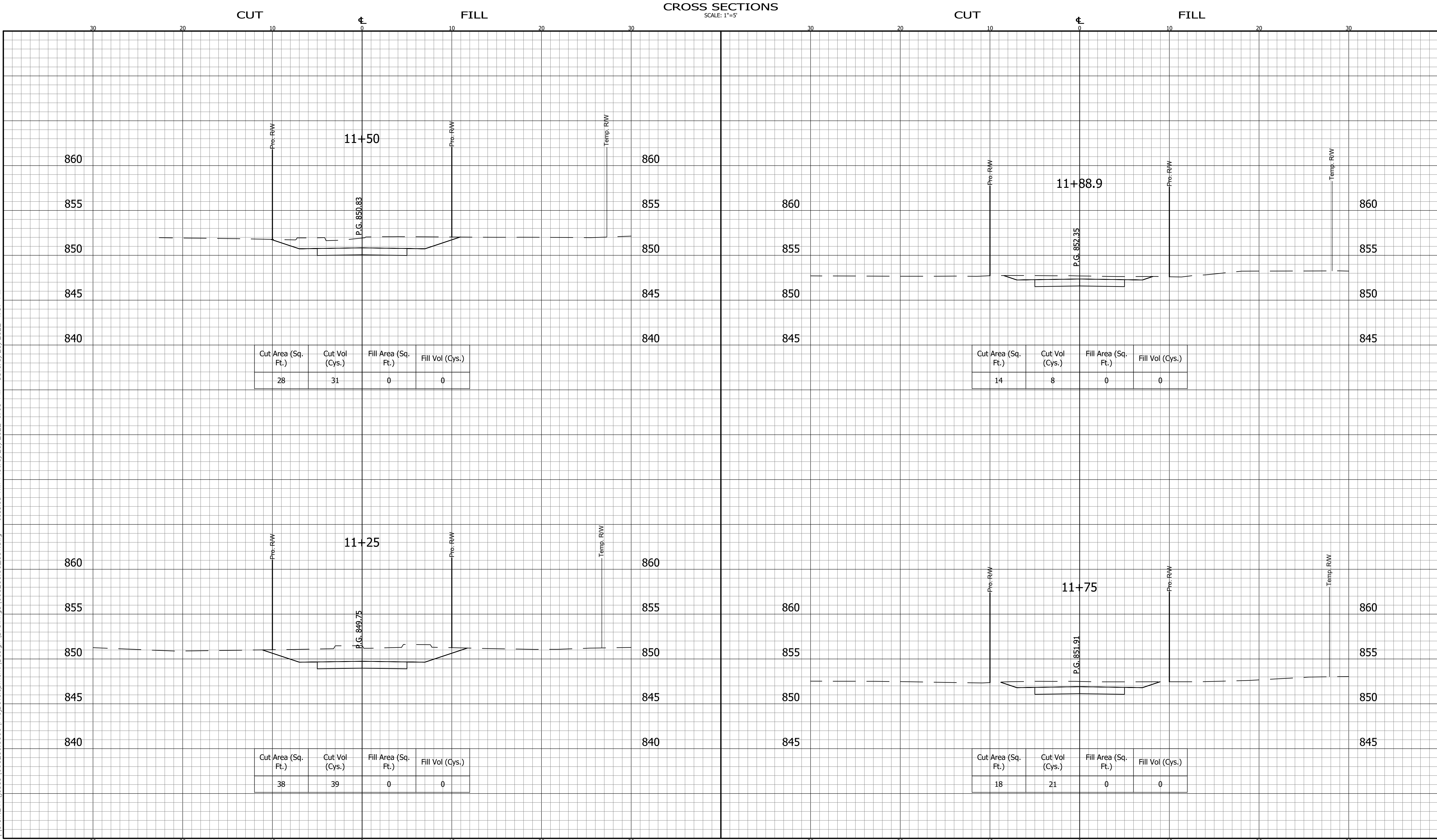
INDIANA
DEPARTMENT OF TRANSPORTATION

KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

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SURVEY BOOK ELECTRONIC	SHEET 44 OF 109
CONTRACT R-41898	PROJECT 1900405

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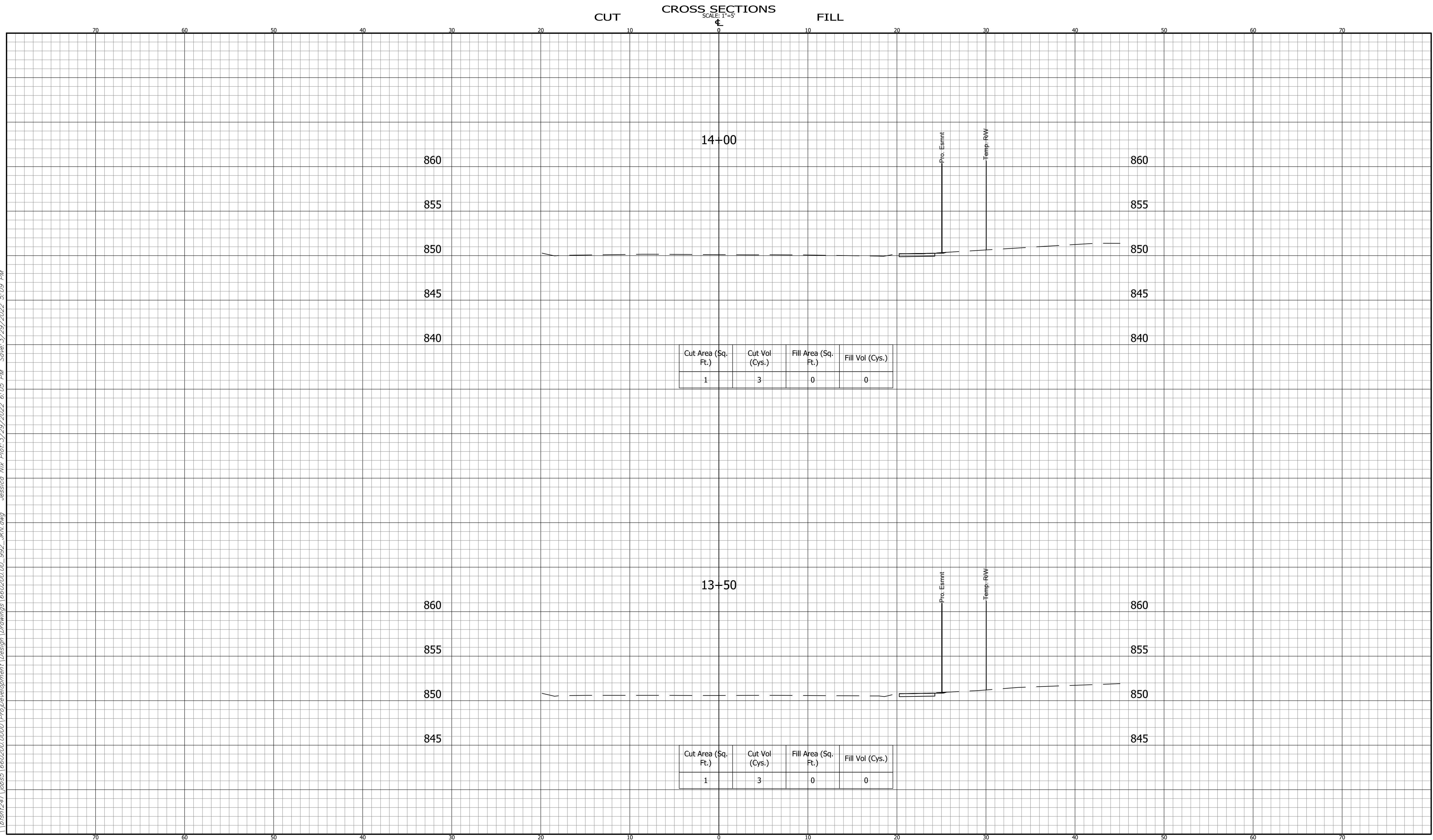
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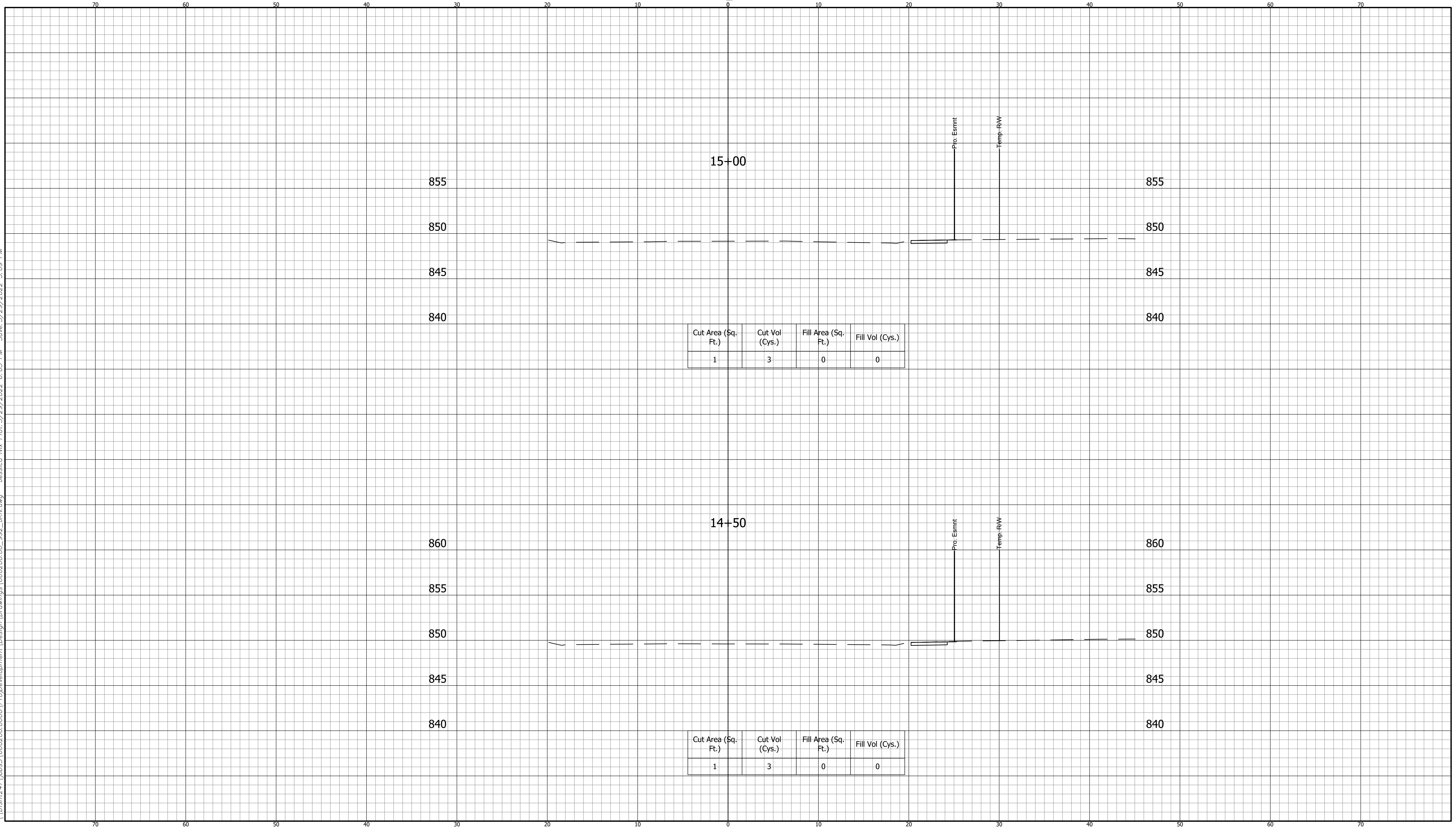


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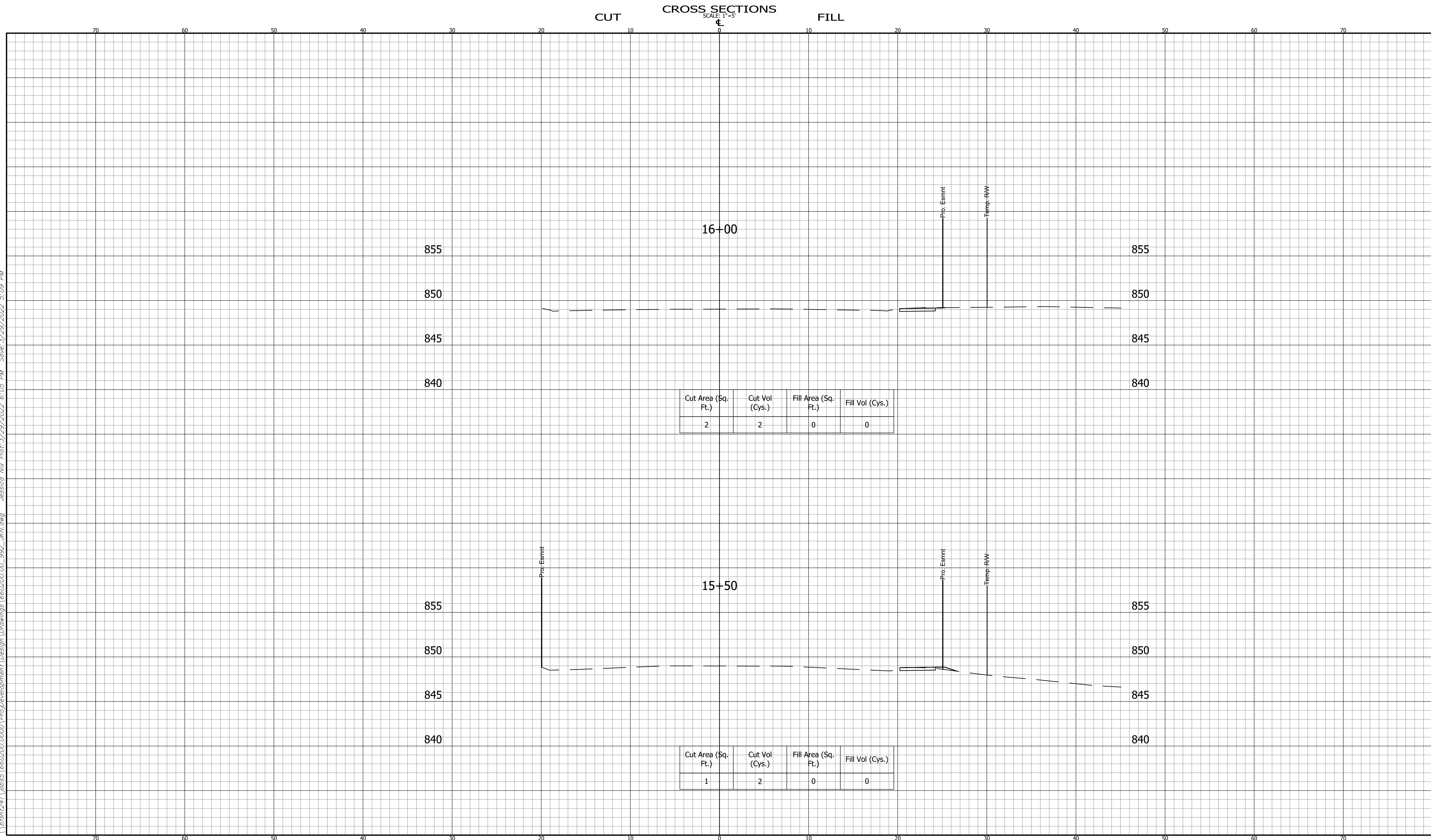
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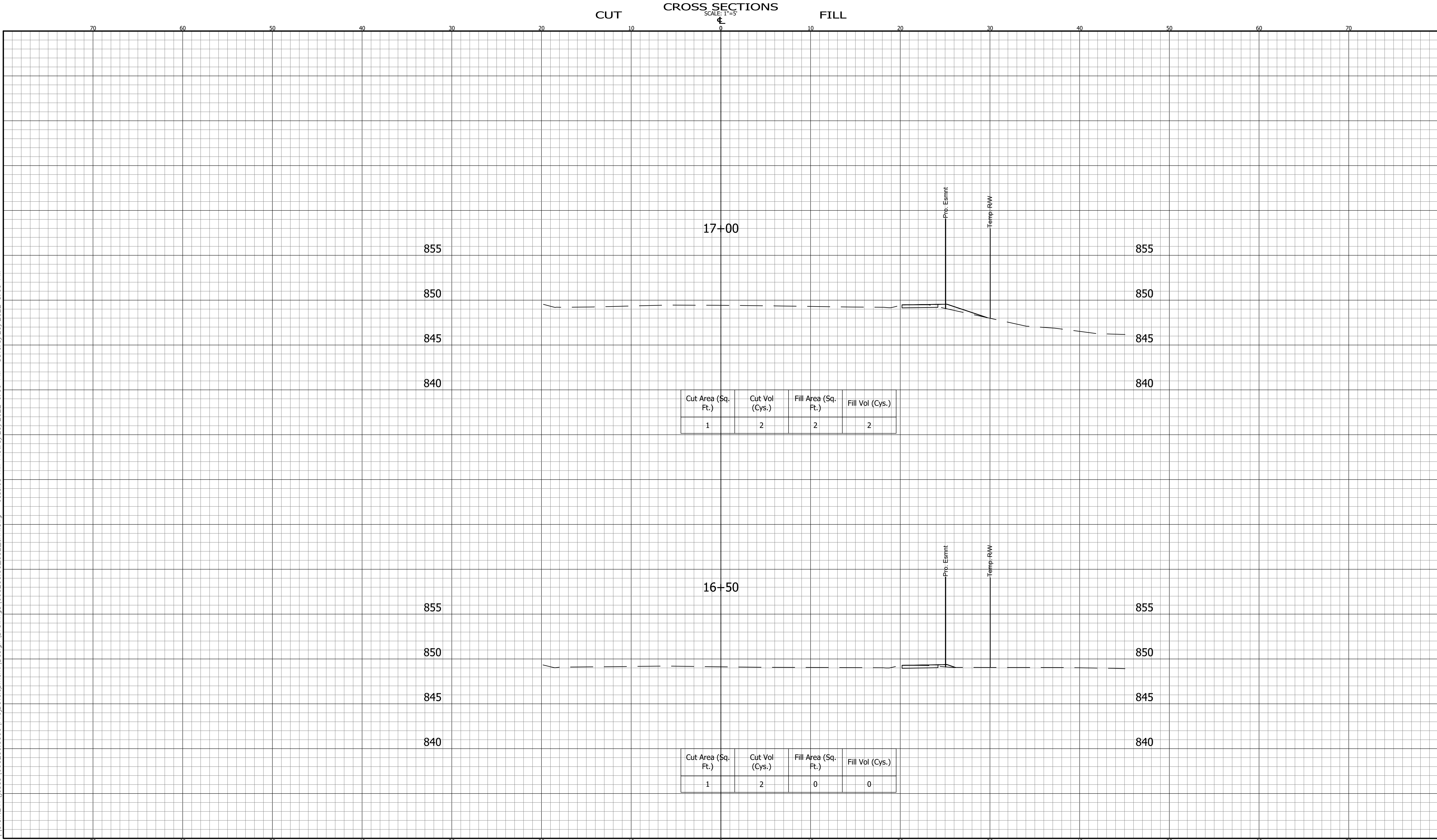


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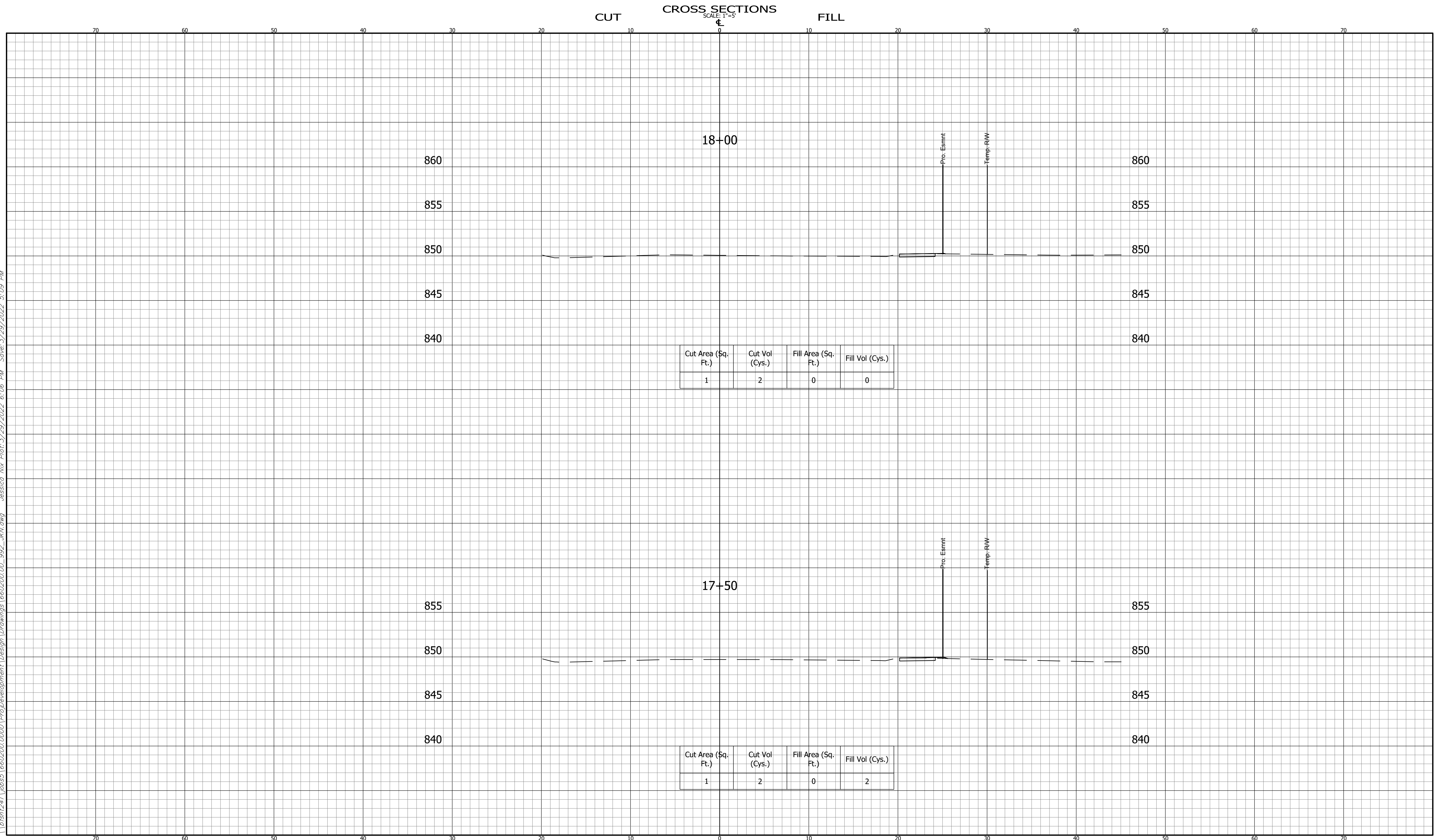
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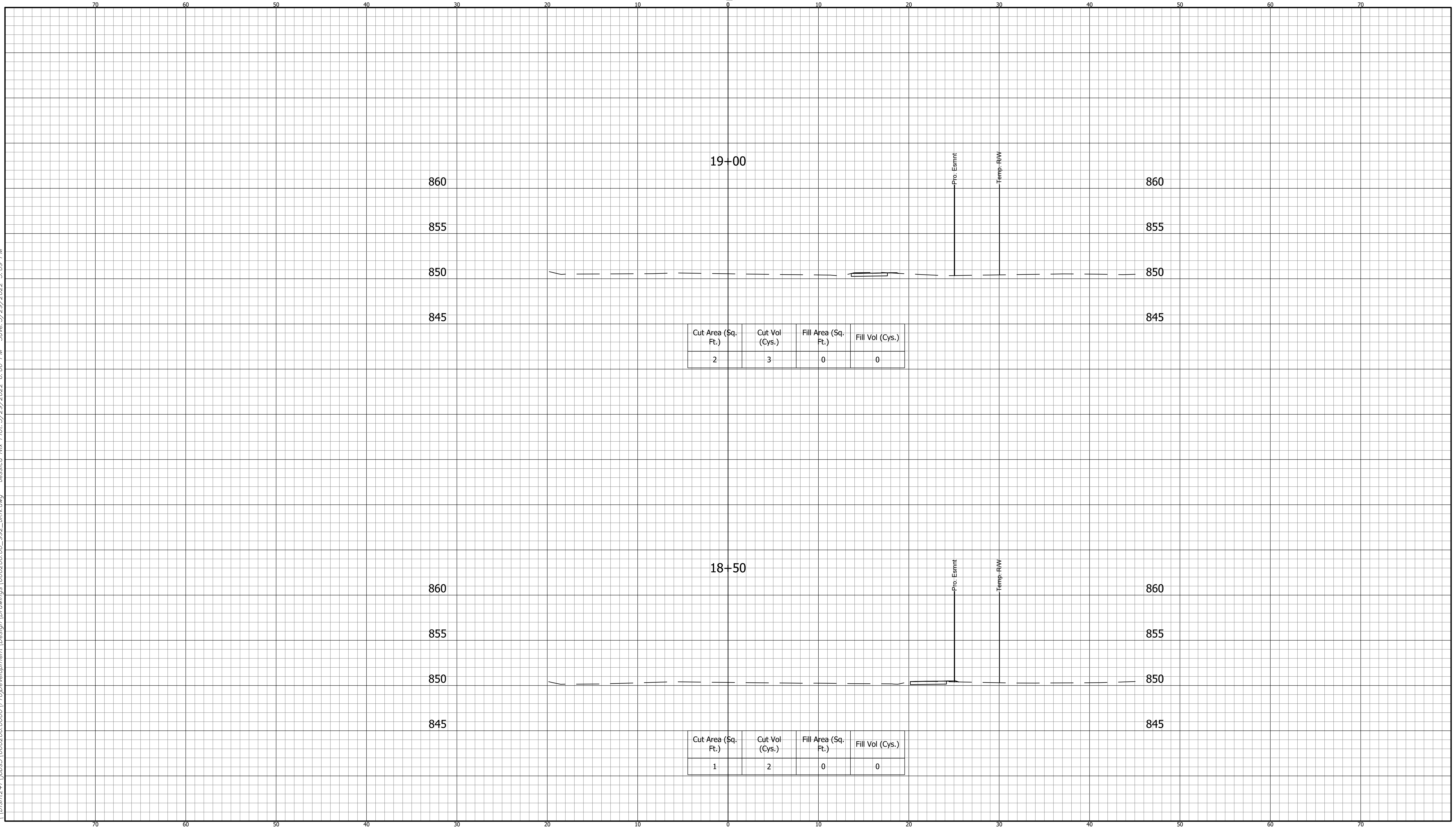


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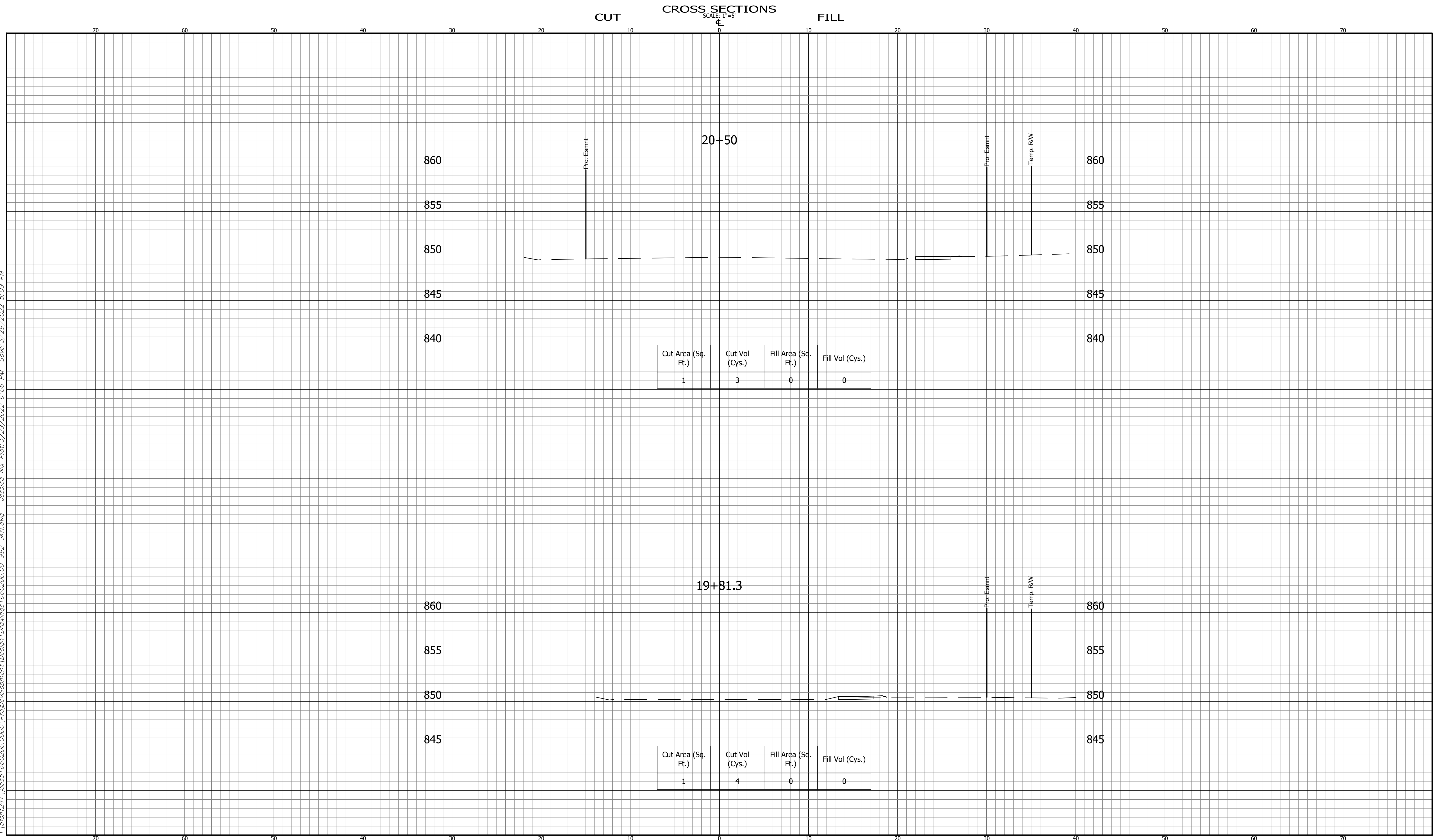
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<small>CONTRACT</small> R-41898	<small>PROJECT</small> 1900405

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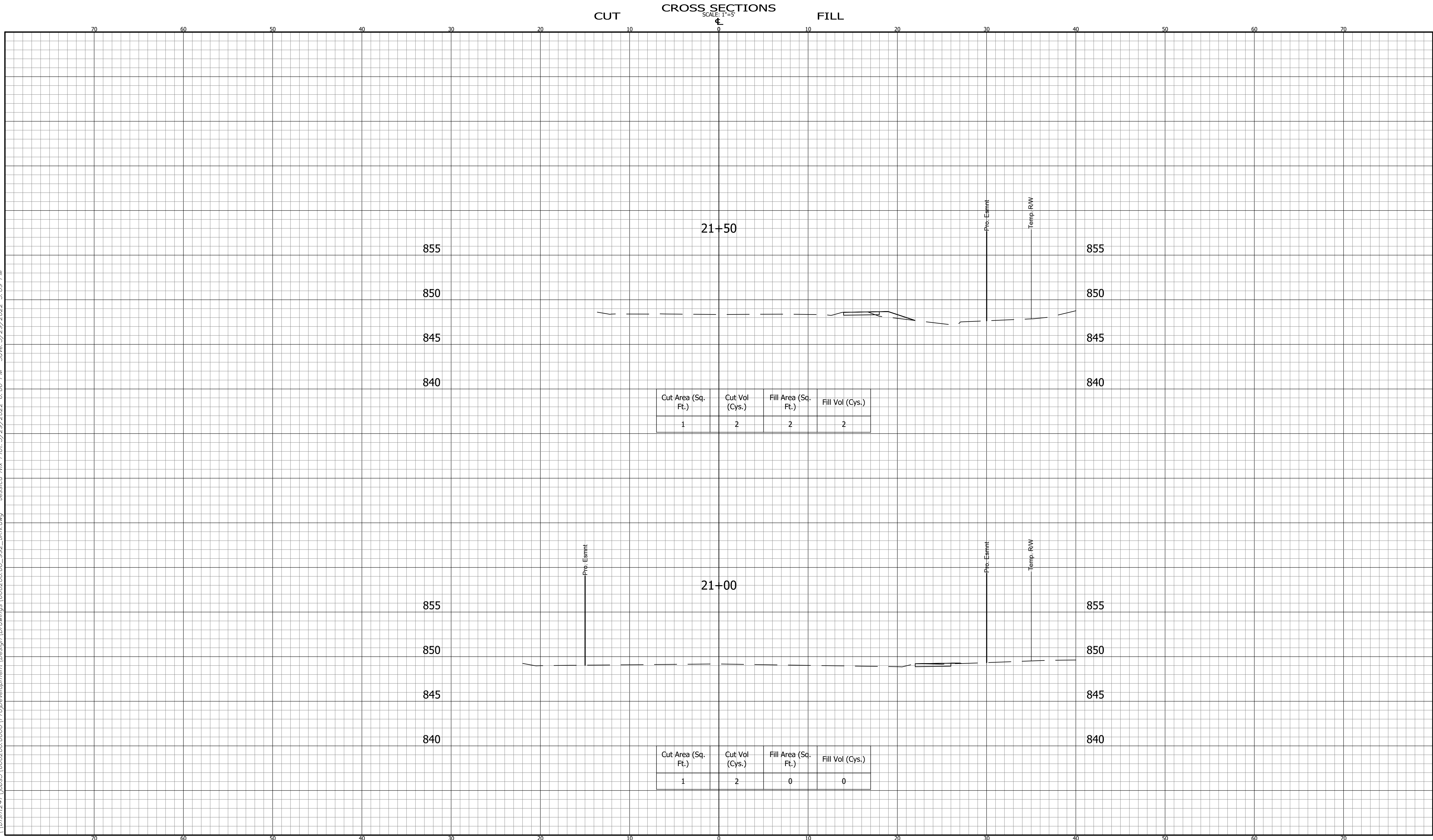
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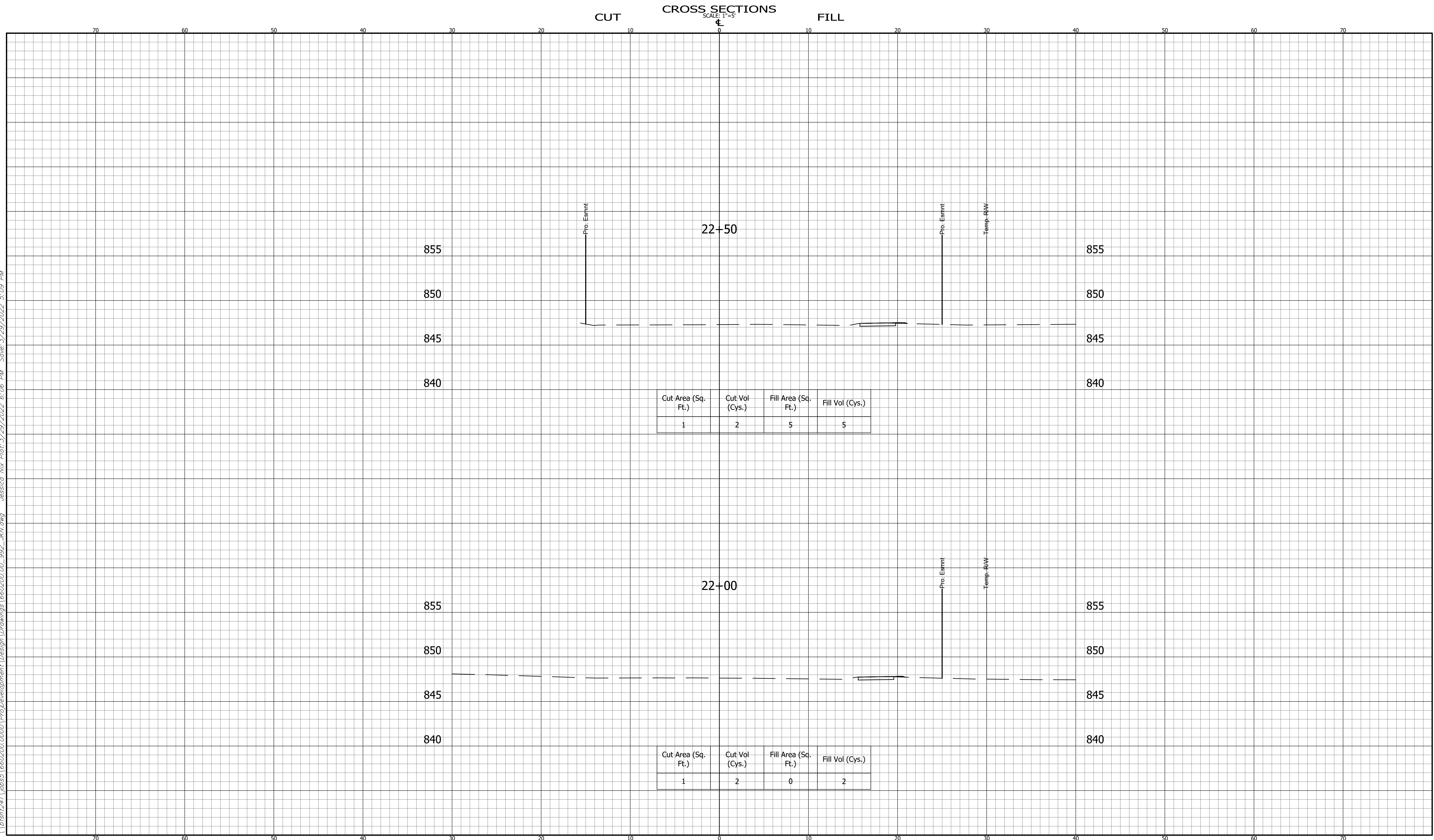
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INDIANA DEPARTMENT OF TRANSPORTATION	
KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	

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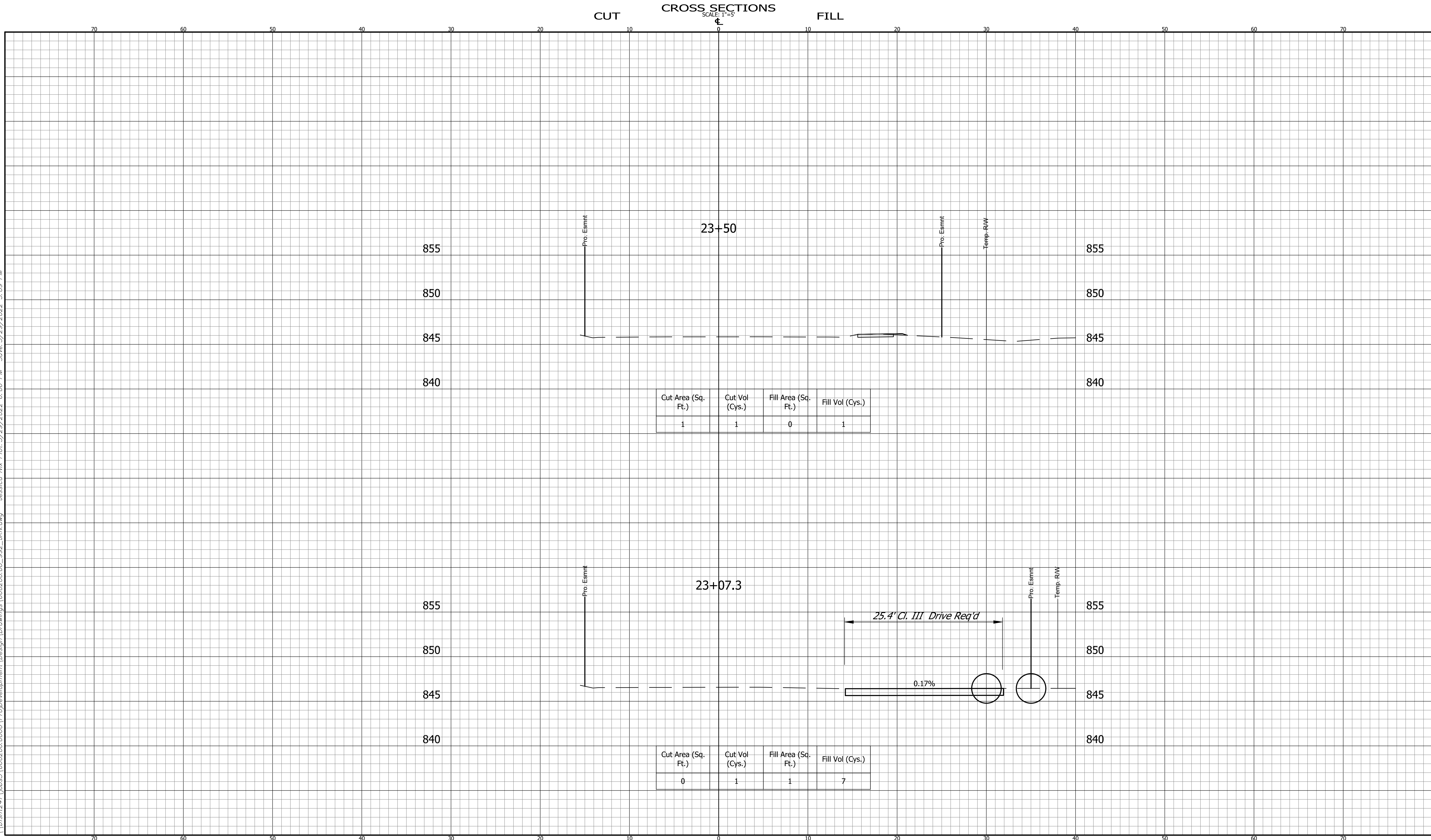
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INDIANA DEPARTMENT OF TRANSPORTATION	
KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	

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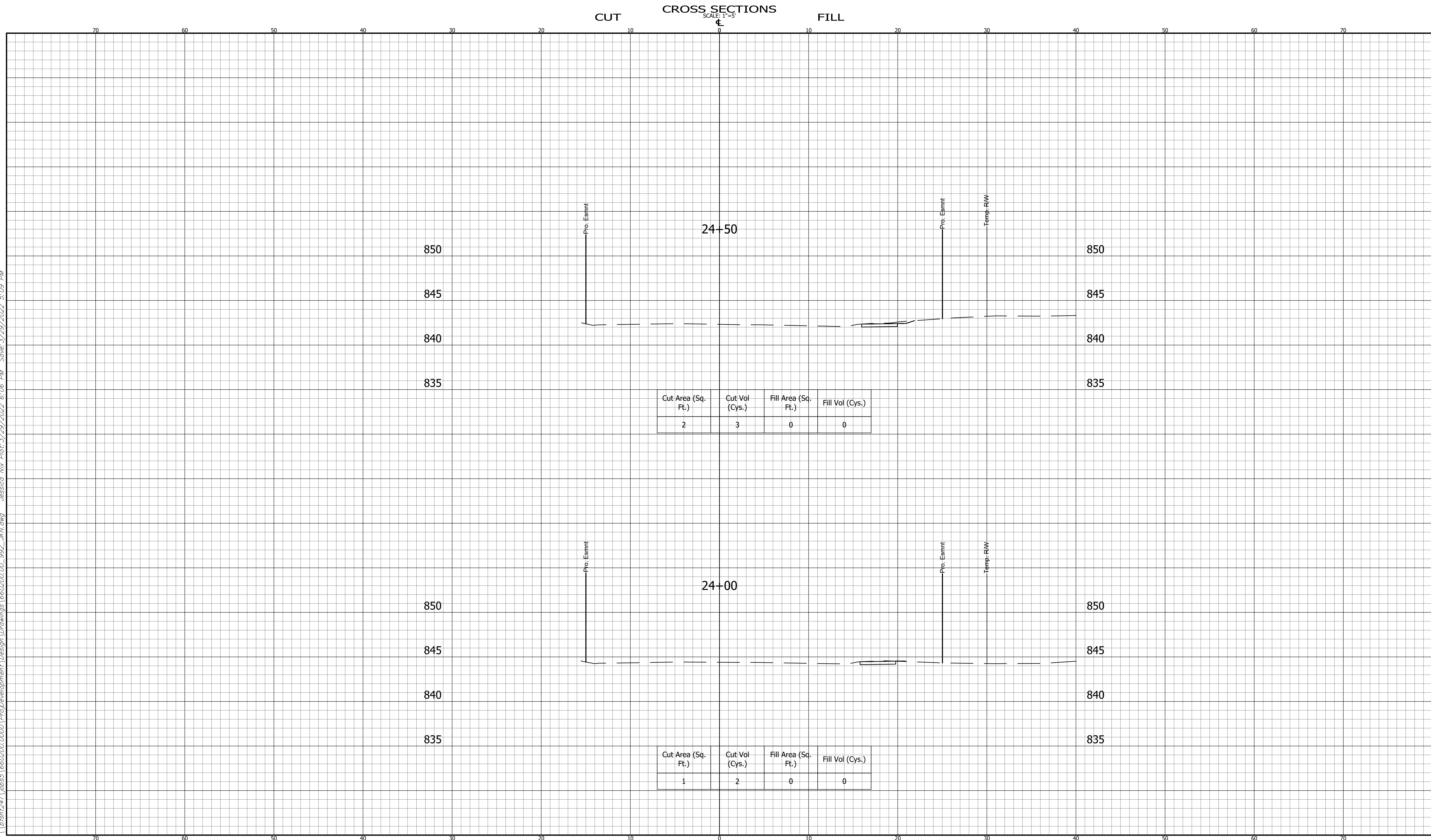
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CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
2	3	0	0

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
1	2	0	0

**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

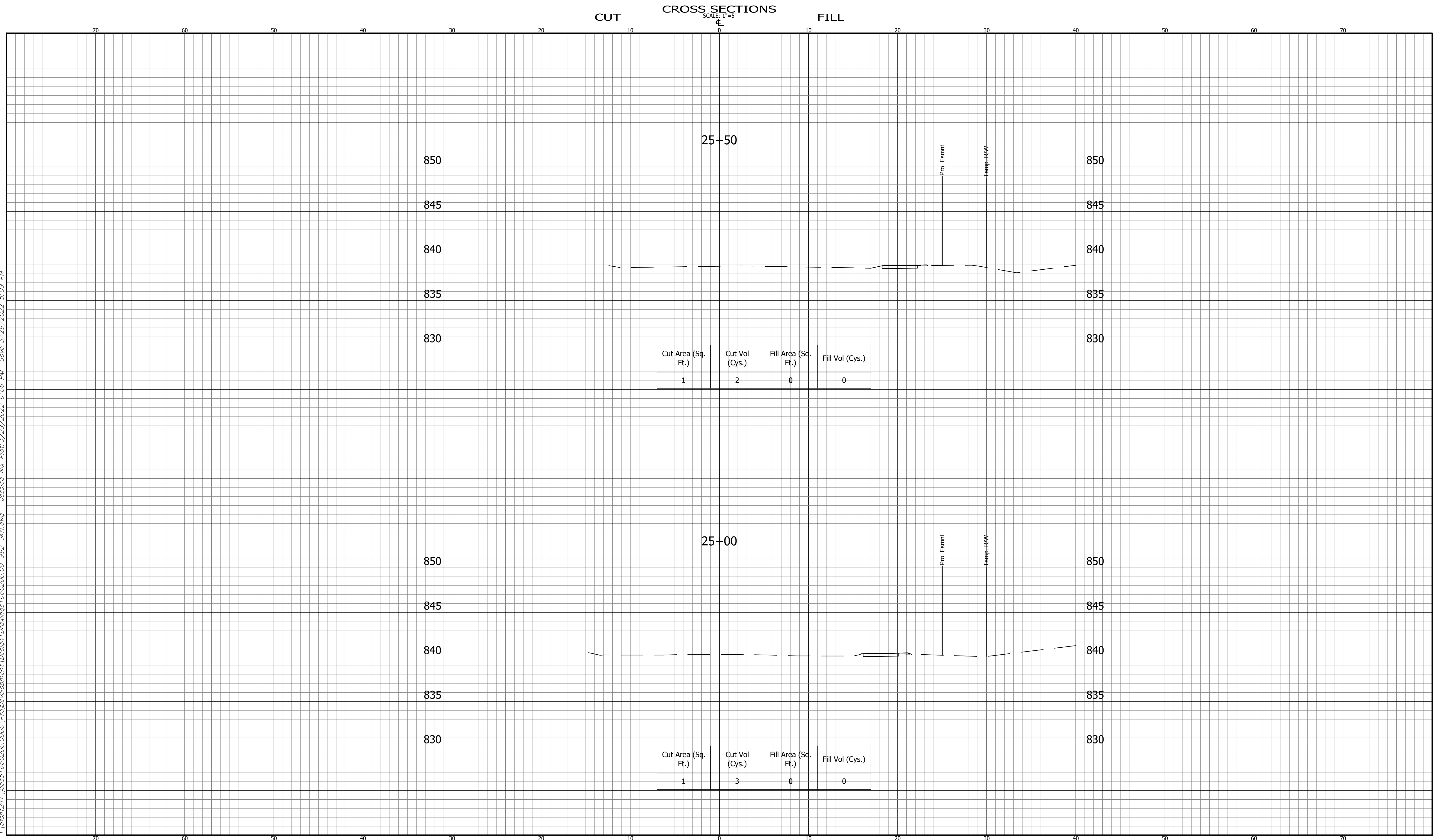
INDIANA
DEPARTMENT OF TRANSPORTATION

KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 57 OF 109
CONTRACT R-41898	PROJECT 1900405

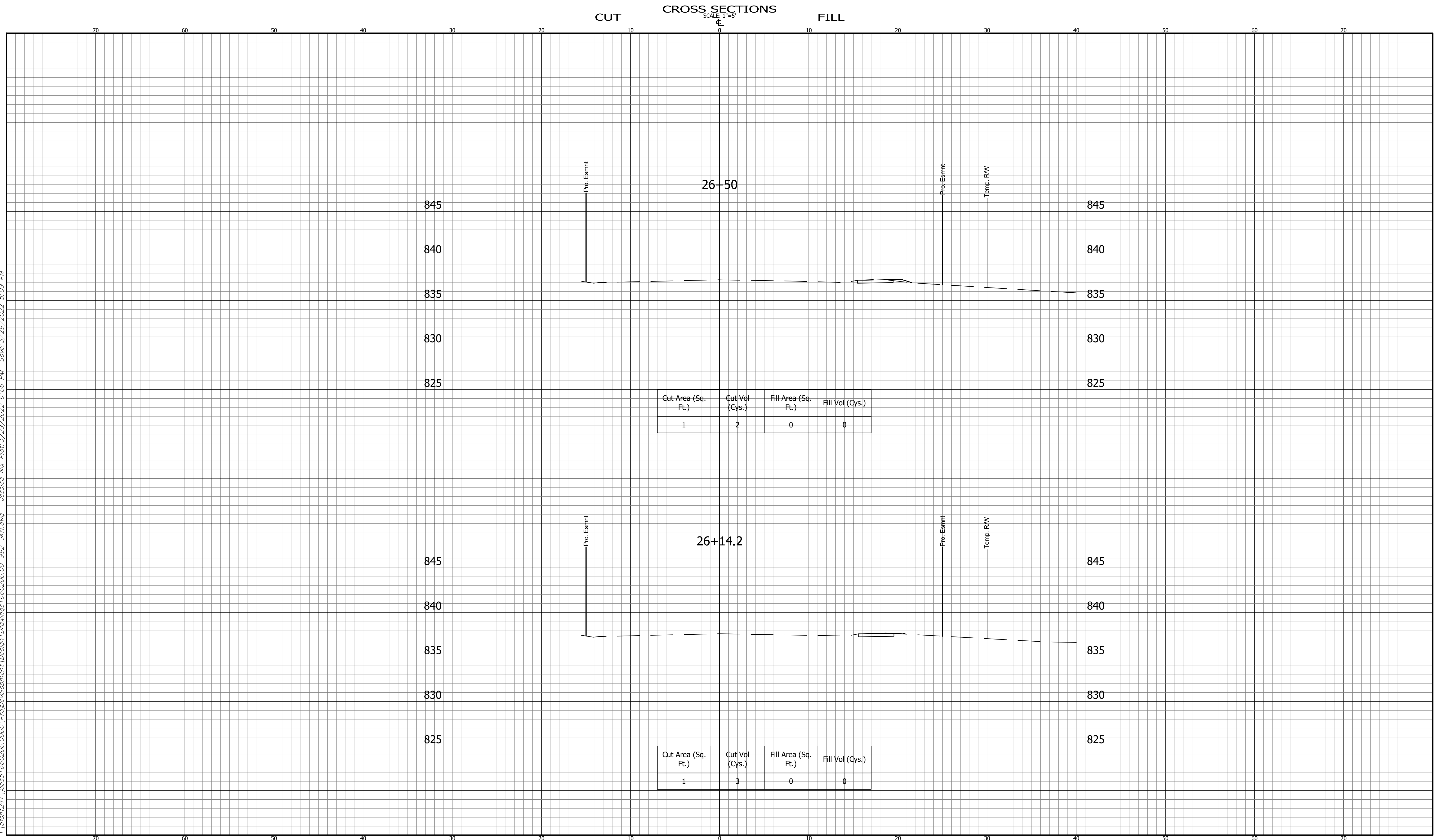
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC CONTRACT R-41898 SHEET 58 OF 109 PROJECT 1900405
CHECKED: AH	CHECKED: DAV			BFS NO. 660200.00

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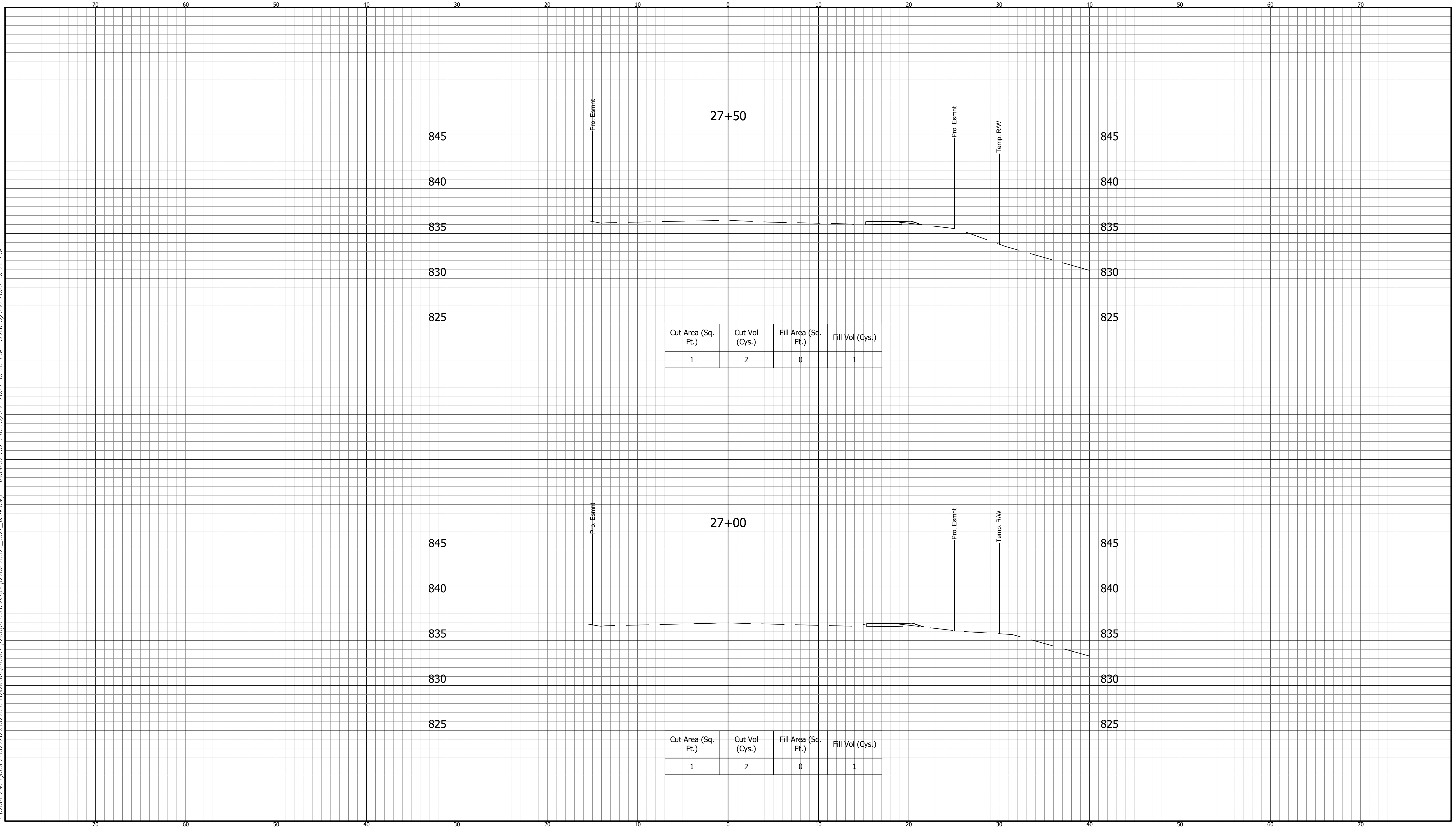


CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 59 OF 109
				CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

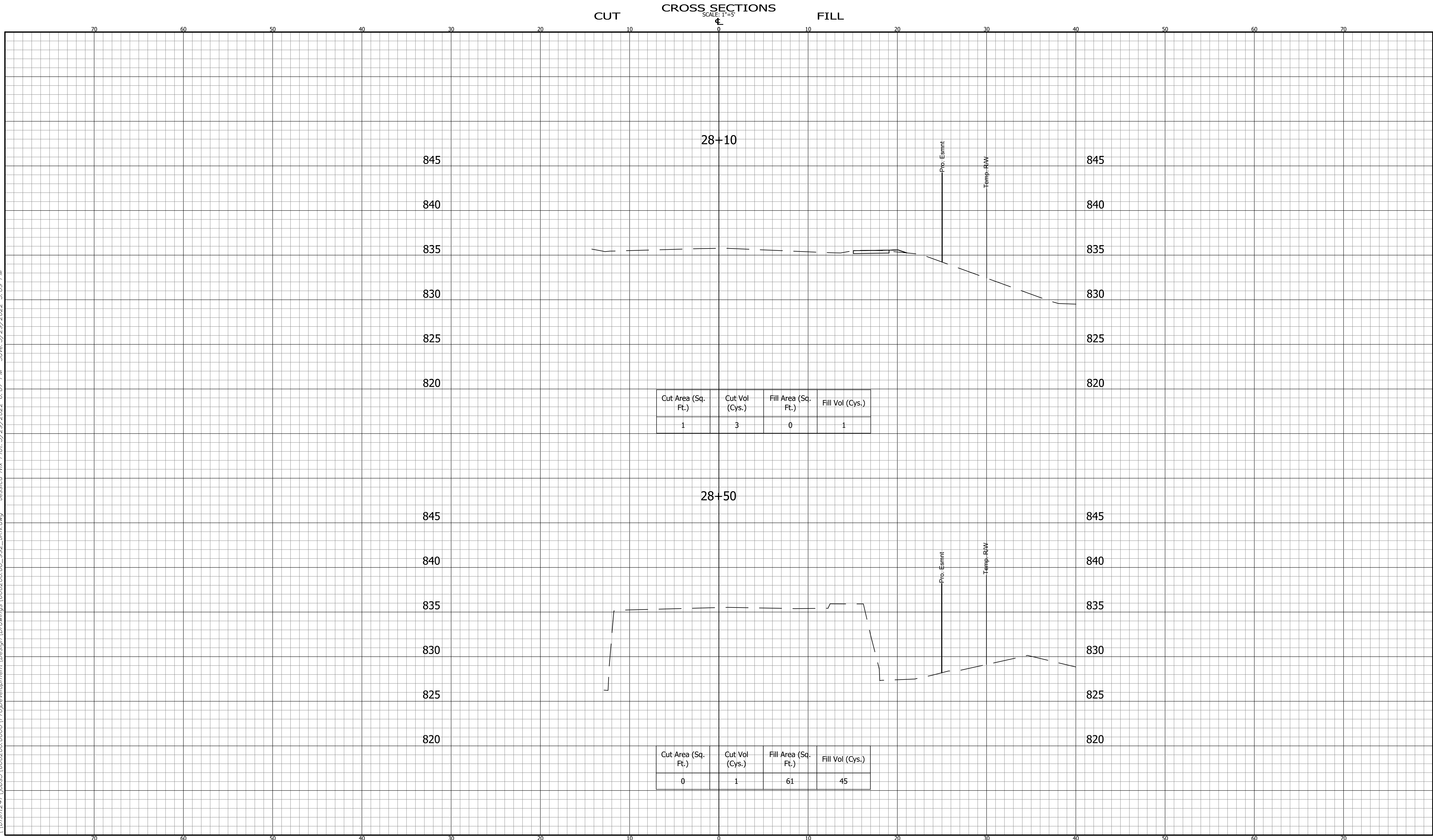
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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



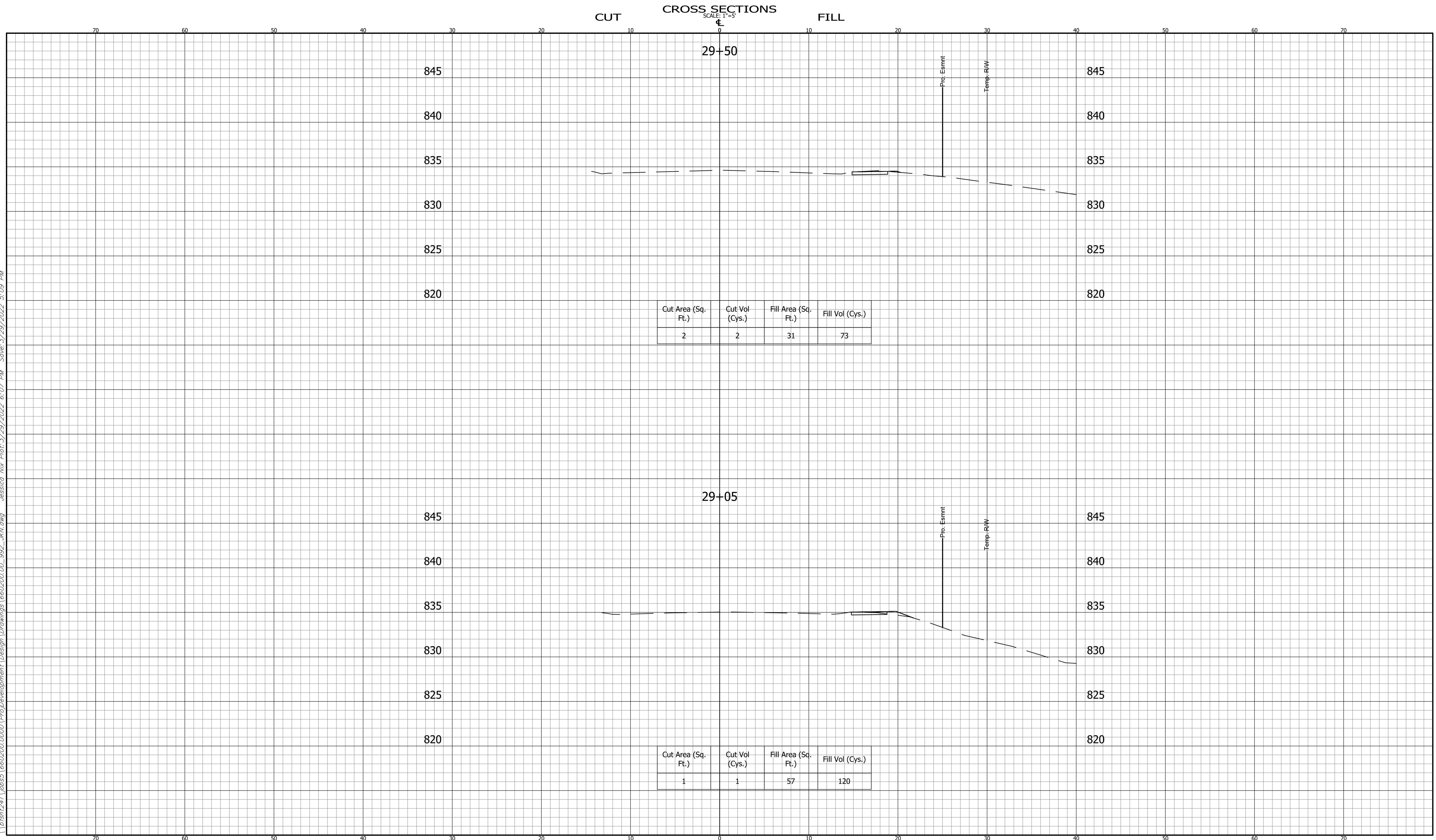
CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC CONTRACT R-41898 SHEET 60 OF 109 PROJECT 1900405
CHECKED: AH	CHECKED: DAV			BFS NO. 660200.00

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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK	SHEET
				ELECTRONIC 61 OF 109	PROJECT
		CONTRACT R-41898	PROJECT 1900405	BFS NO. 660200.00	

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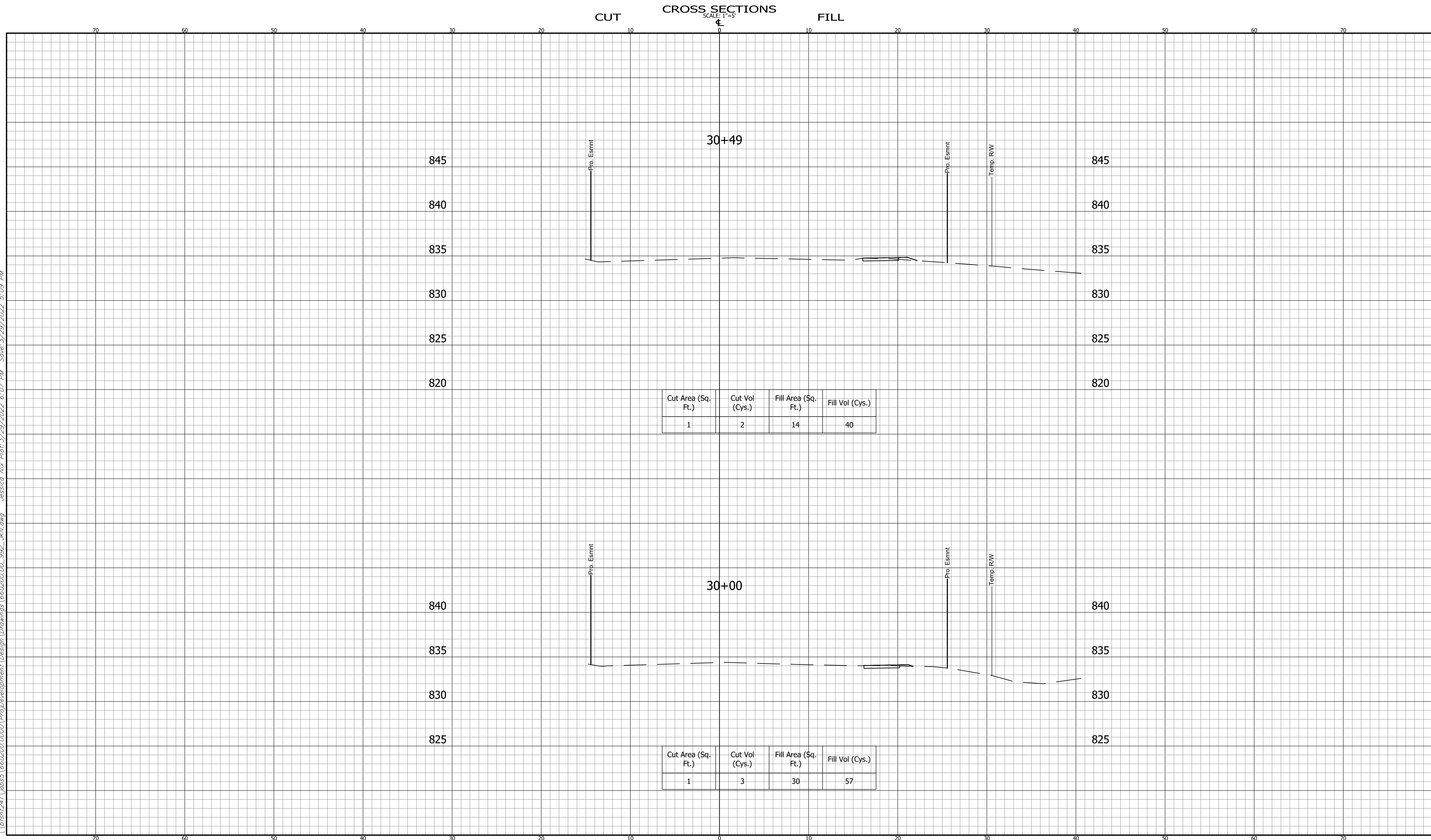
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2	2	31	73

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
1	1	57	120

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH	CHECKED: DAV			SURVEY BOOK ELECTRONIC	SHEET 62 OF 109
				CONTRACT R-41898	PROJECT 1900405

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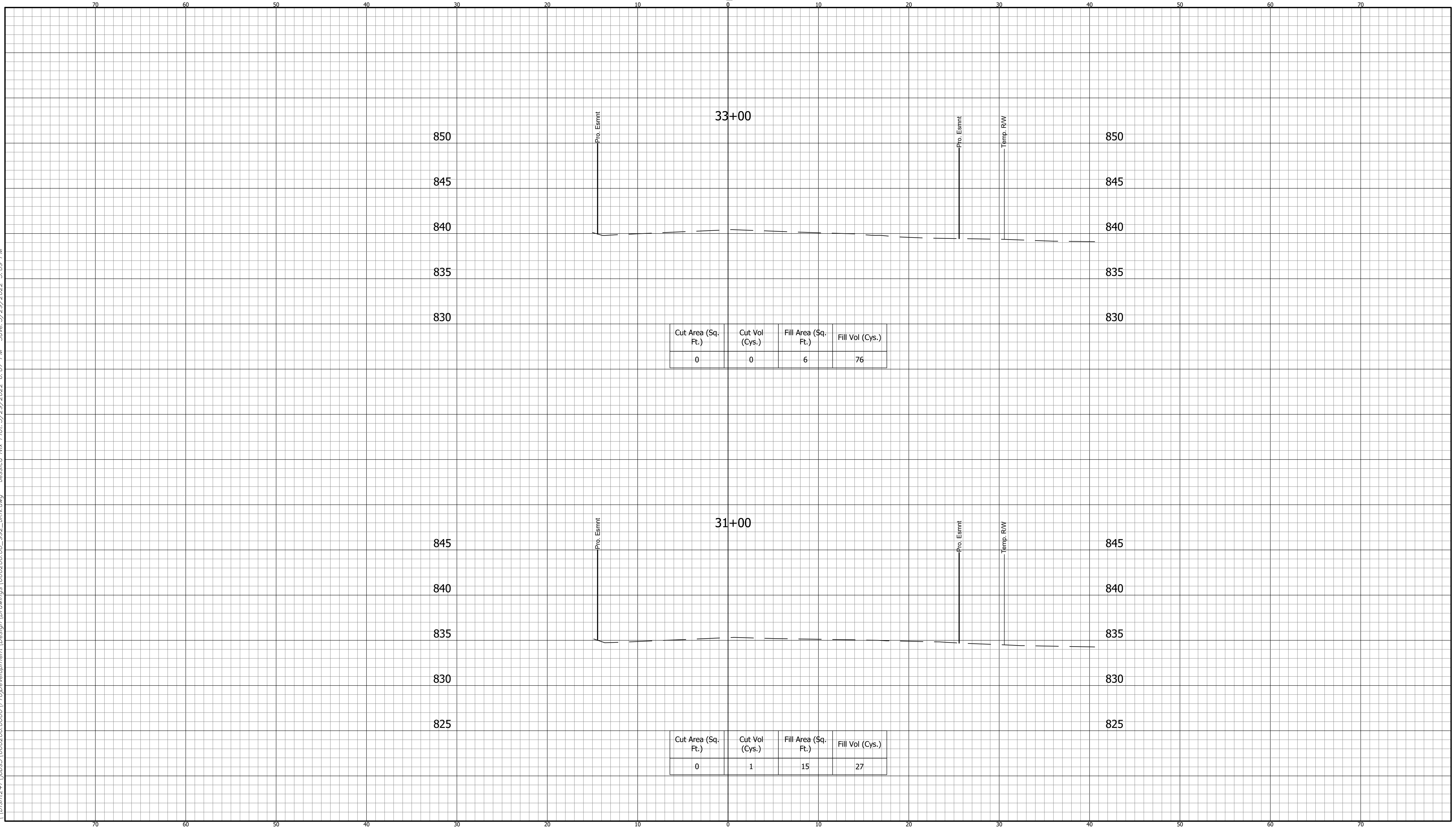


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LINE "A"		DEPARTMENT OF TRANSPORTATION		1" = 5'	
DESIGNED: <u>DAV</u>		DRAWN: <u>JDW</u>		DESIGNATION	
CHECKED: <u>AH</u>		CHECKED: <u>DAV</u>		1900405	
KARST FARM GREENWAY CONNECTOR				SHEET	
CROSS SECTIONS				63 OF 109	
				PROJECT	
				1900405	
				R-41898	

BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	0	6	76

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	1	15	27

CROSS SECTIONS
 LINE "A"

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

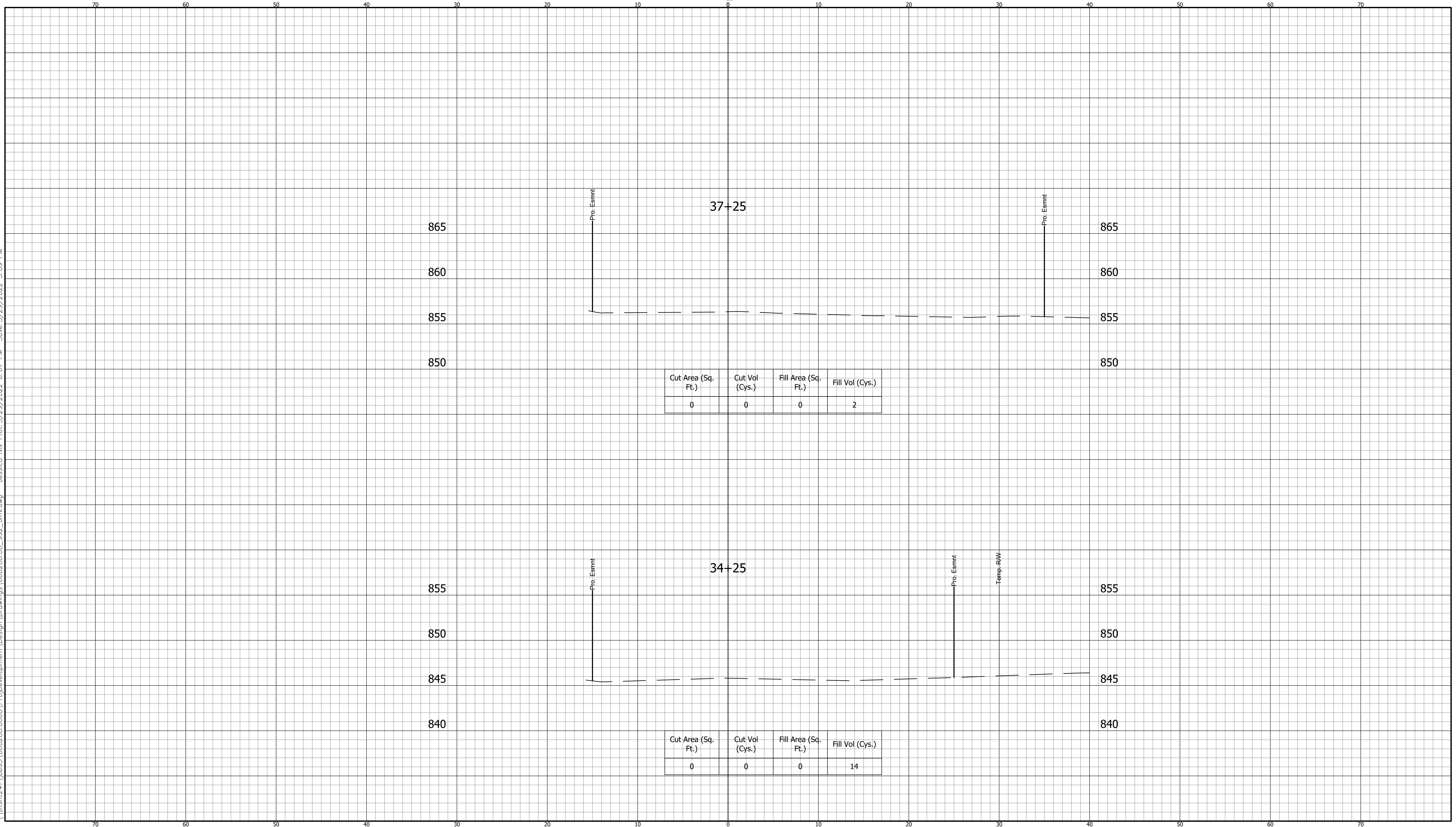
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 64 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	0	0	2

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	0	0	14

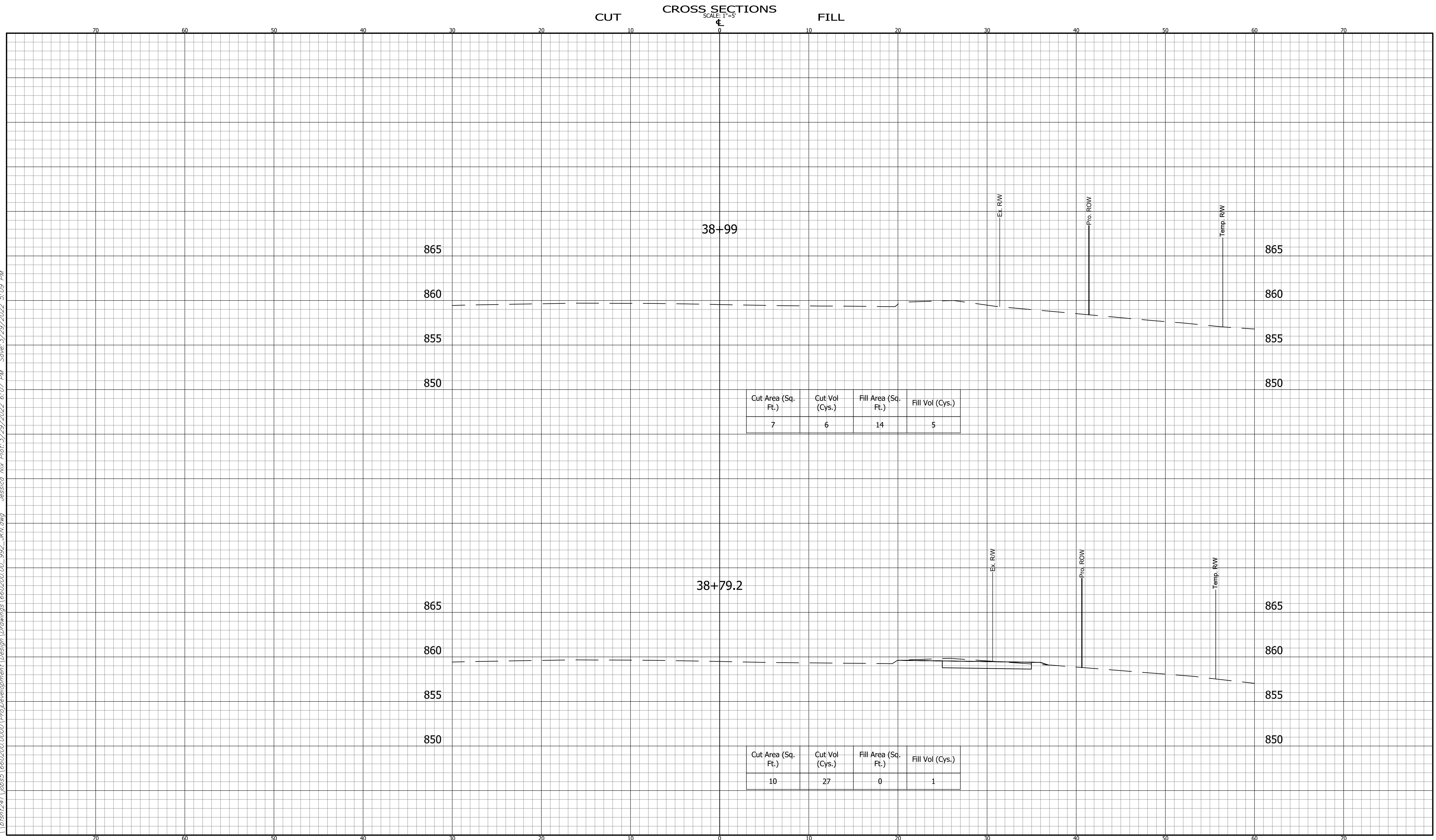
CROSS SECTIONS LINE "A"			
DESIGNED:	DAV	DRAWN:	JDW
CHECKED:	AH	CHECKED:	DAV

INDIANA DEPARTMENT OF TRANSPORTATION	
KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 65 OF 109
CONTRACT R-41898	PROJECT 1900405

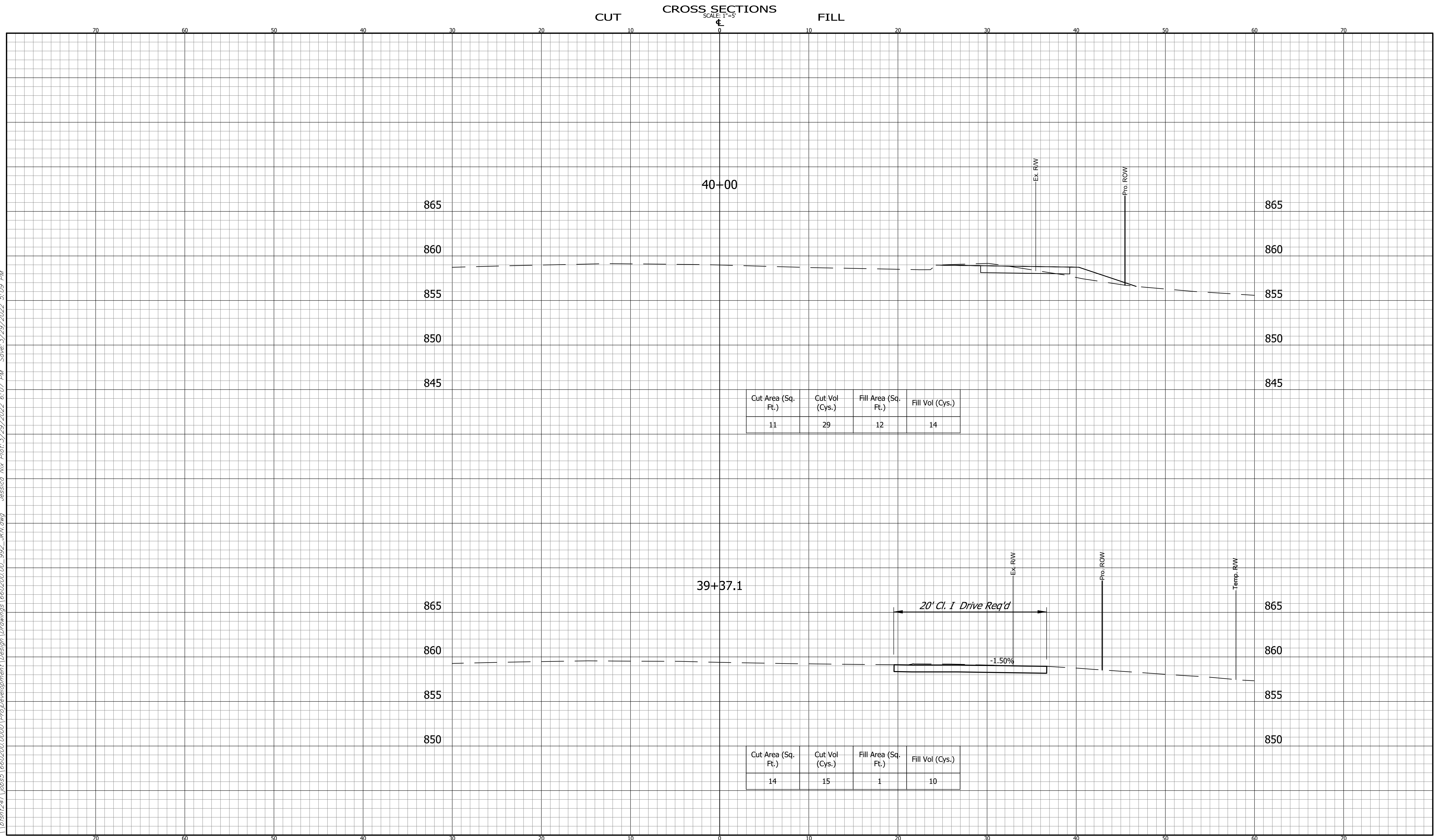
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' SURVEY BOOK ELECTRONIC CONTRACT R-41898	BRIDGE FILE ---- DESIGNATION 1900405 SHEET 66 OF 109 PROJECT 1900405	660200.00 BFS NO.
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS				
CHECKED: AH	CHECKED: DAV					

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Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
11	29	12	14

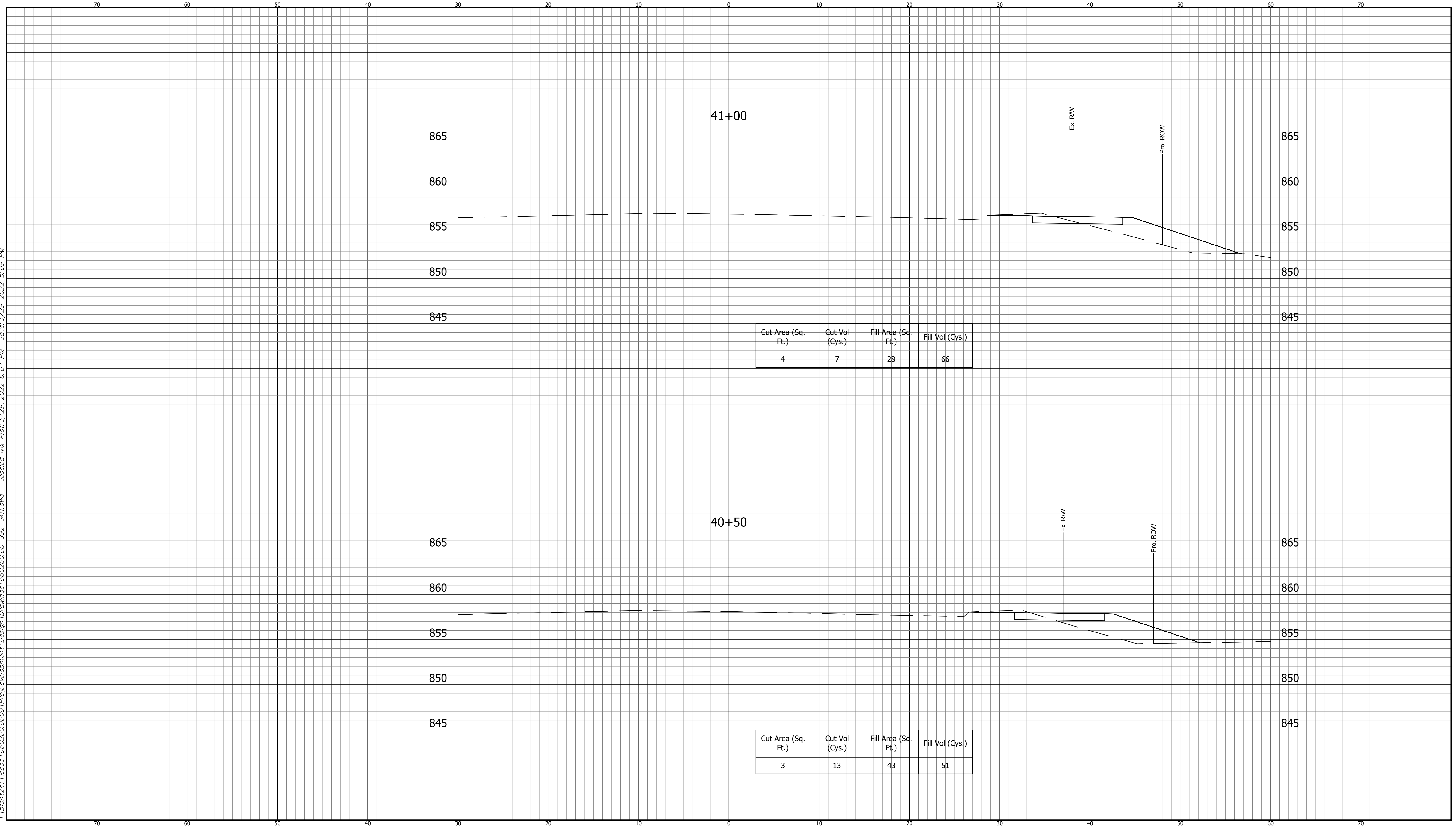
Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
14	15	1	10

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 67 OF 109
				CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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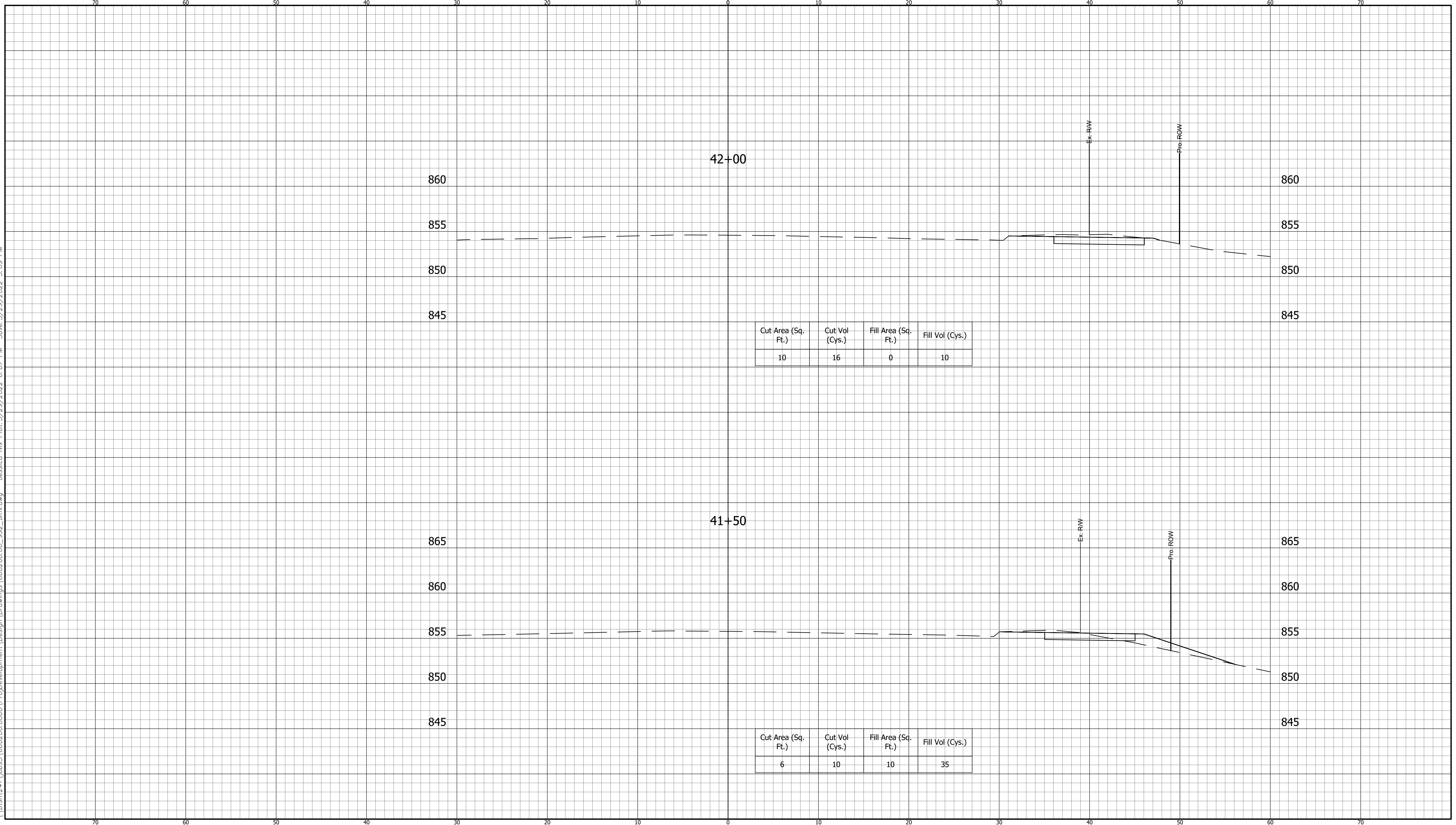
CUT CROSS SECTIONS FILL
SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC CONTRACT R-41898 SHEET 68 OF 109 PROJECT 1900405
CHECKED: AH	CHECKED: DAV			BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



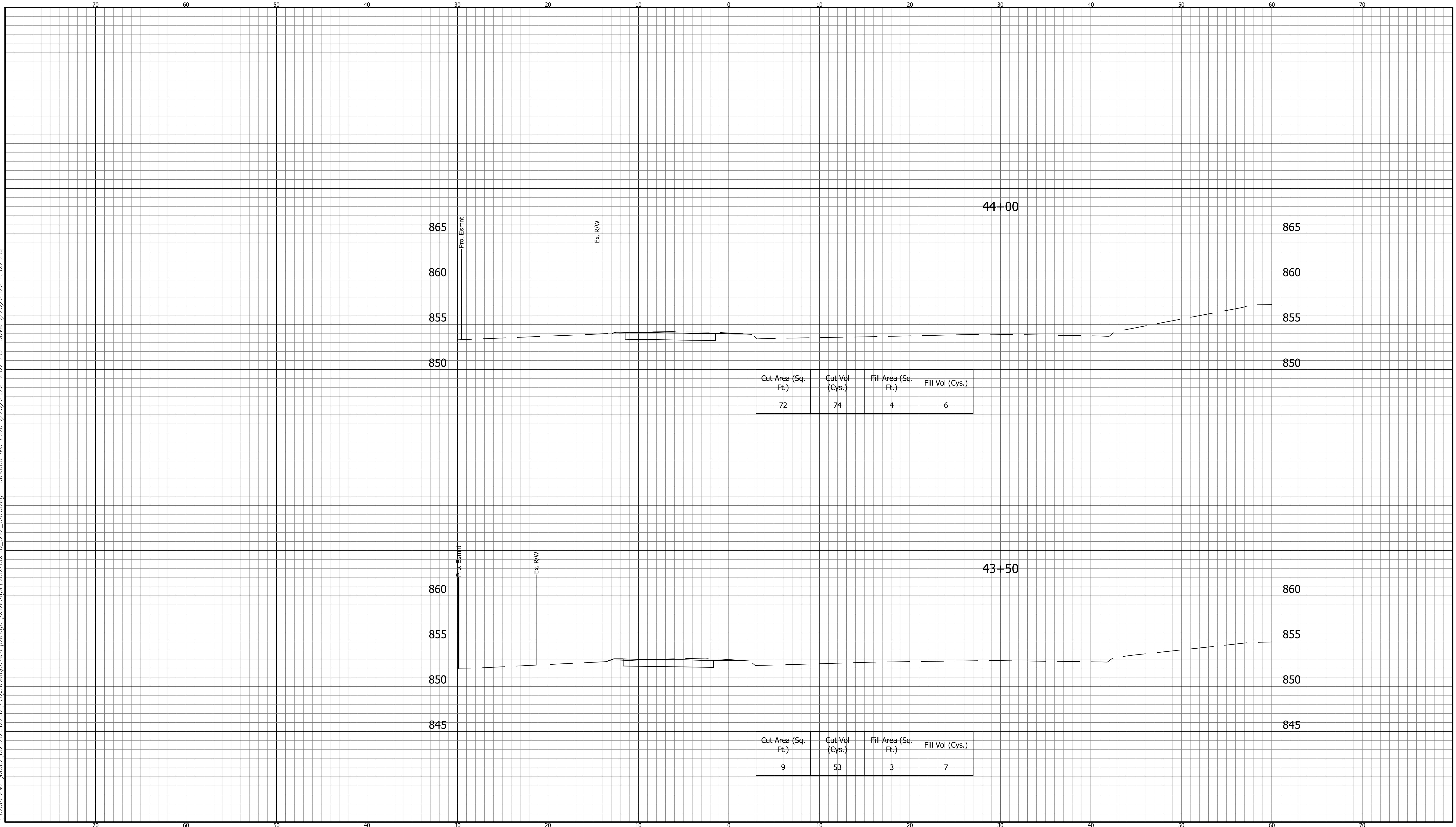
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10	16	0	10

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
6	10	10	35

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' SURVEY BOOK ELECTRONIC CONTRACT R-41898	BRIDGE FILE ---- DESIGNATION 1900405 SHEET 69 OF 109 PROJECT 1900405	660200.00 BFS NO.
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS				
CHECKED: AH	CHECKED: DAV					

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'

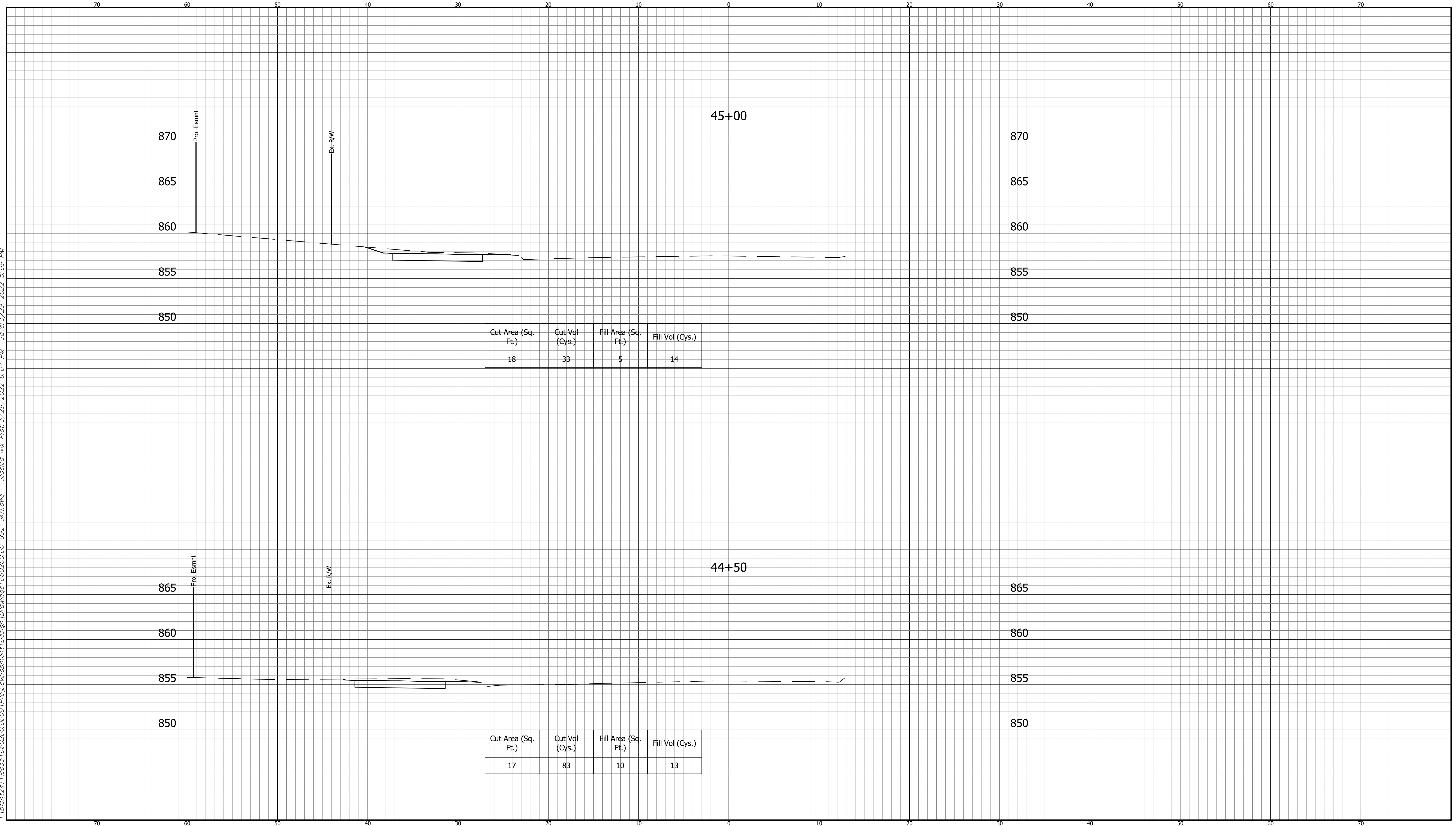


CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	<small>HORIZONTAL SCALE 1" = 5'</small>	<small>BRIDGE FILE ----</small>
DESIGNED: <u>DAV</u> DRAWN: <u>JDW</u>		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	<small>VERTICAL SCALE 1" = 5'</small>	<small>DESIGNATION 1900405</small>
CHECKED: <u>AH</u> CHECKED: <u>DAV</u>			<small>SURVEY BOOK ELECTRONIC</small>	<small>SHEET 70 OF 109</small>
			<small>CONTRACT R-41898</small>	<small>PROJECT 1900405</small>

660200.00
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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

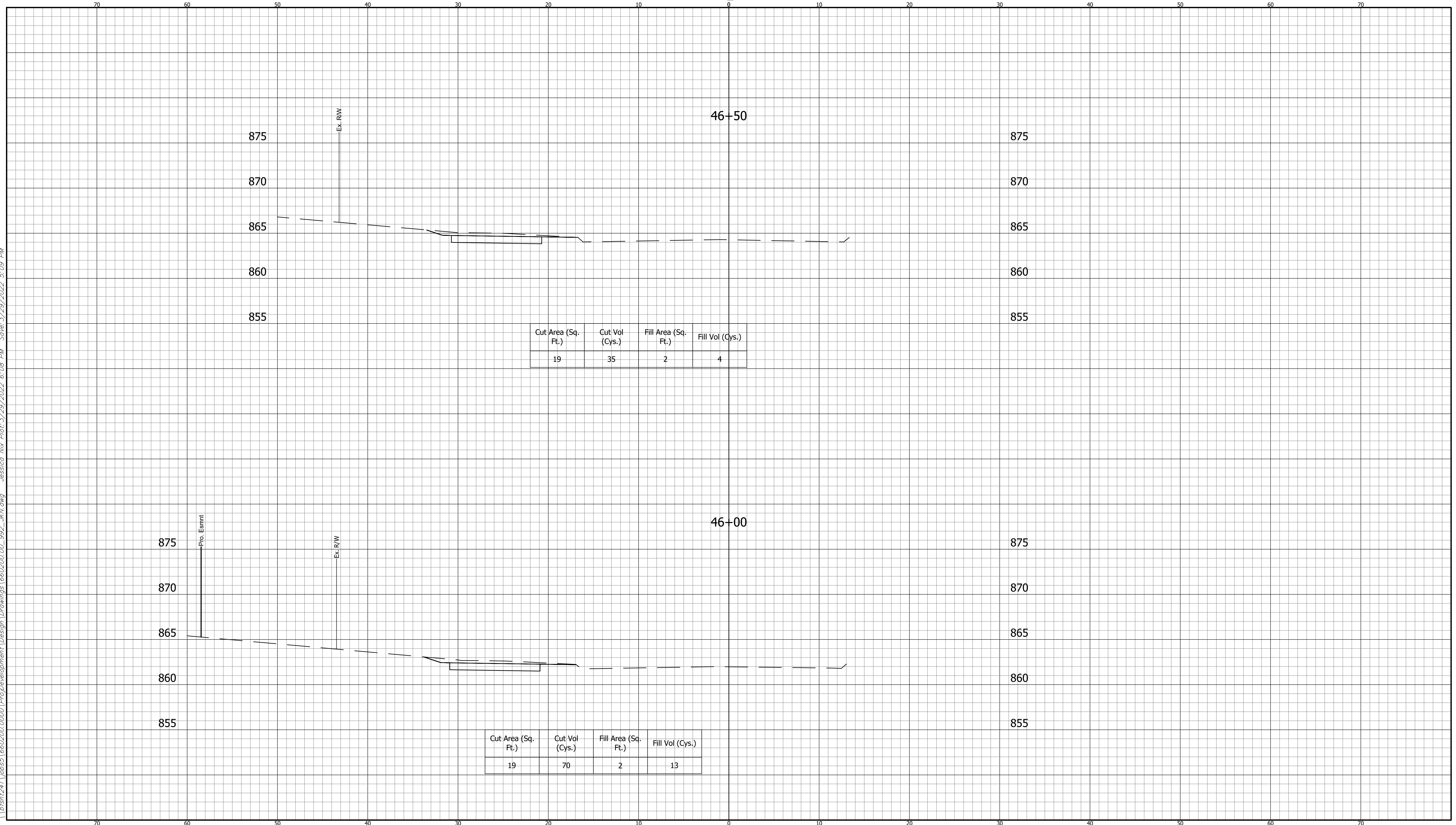
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 71 OF 109
CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



CROSS SECTIONS
LINE "A"

DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

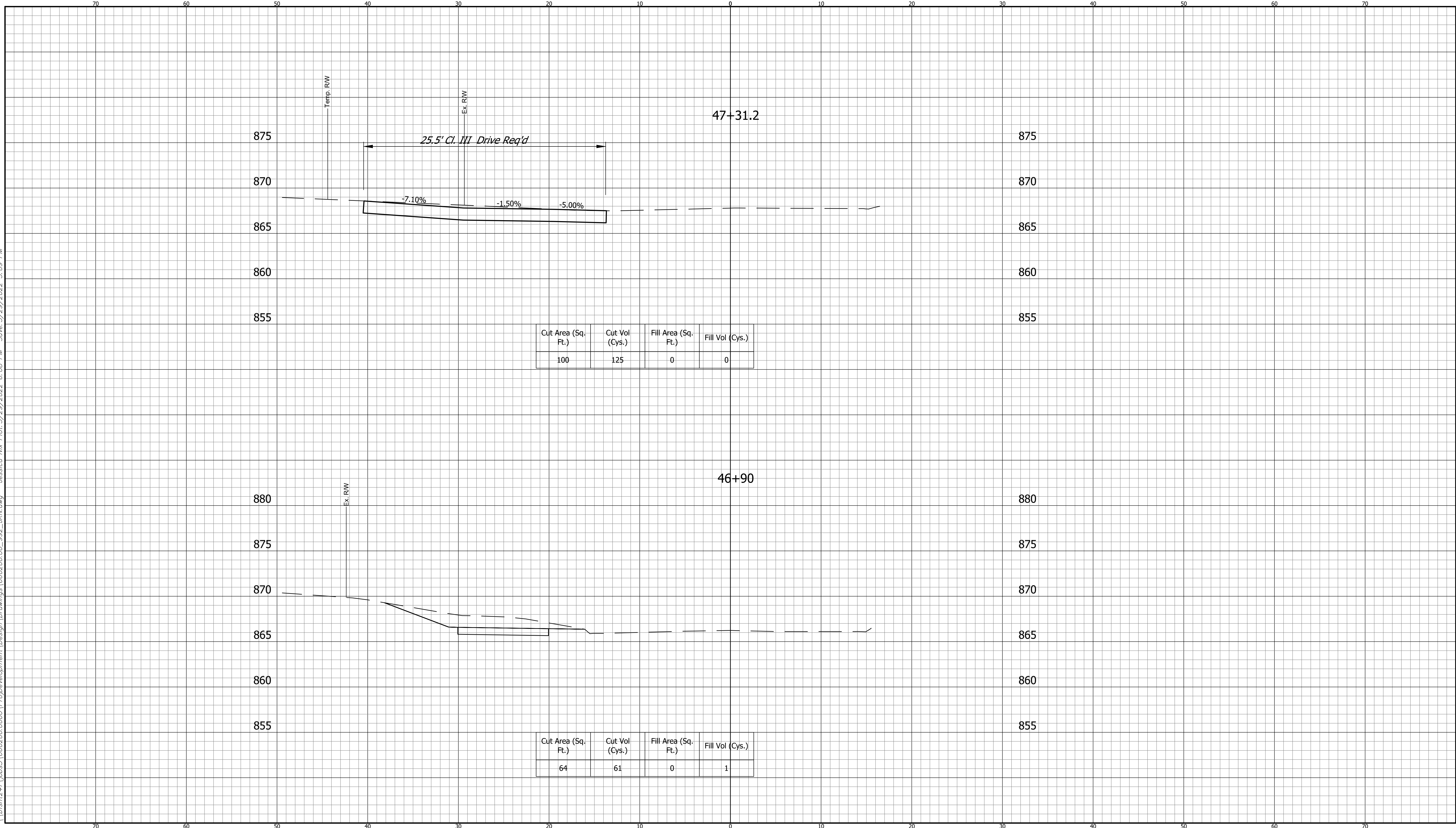
INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 72 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
100	125	0	0

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
64	61	0	1

CROSS SECTIONS LINE "A"			
DESIGNED:	DAV	DRAWN:	JDW
CHECKED:	AH	CHECKED:	DAV

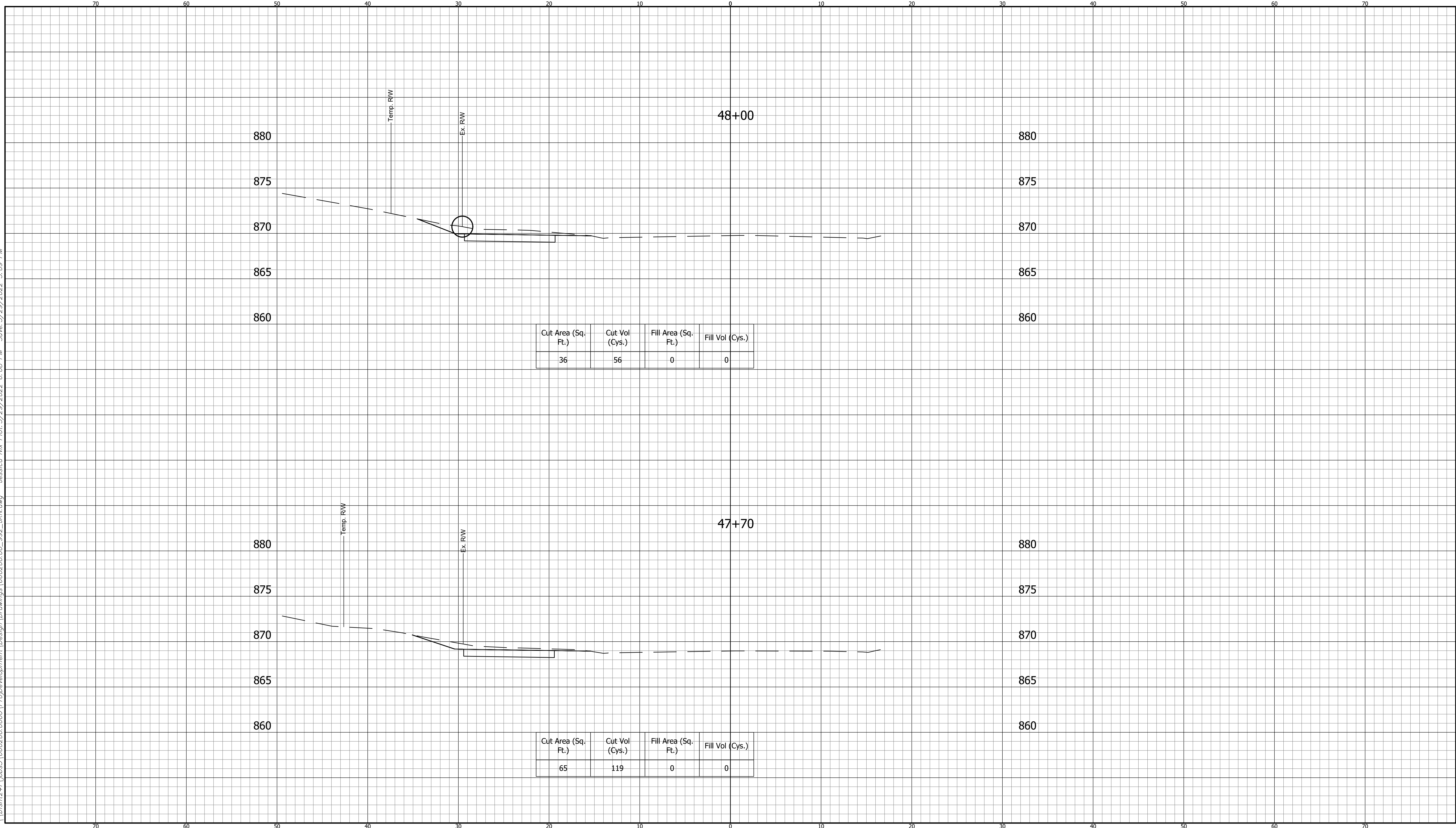
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 73 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

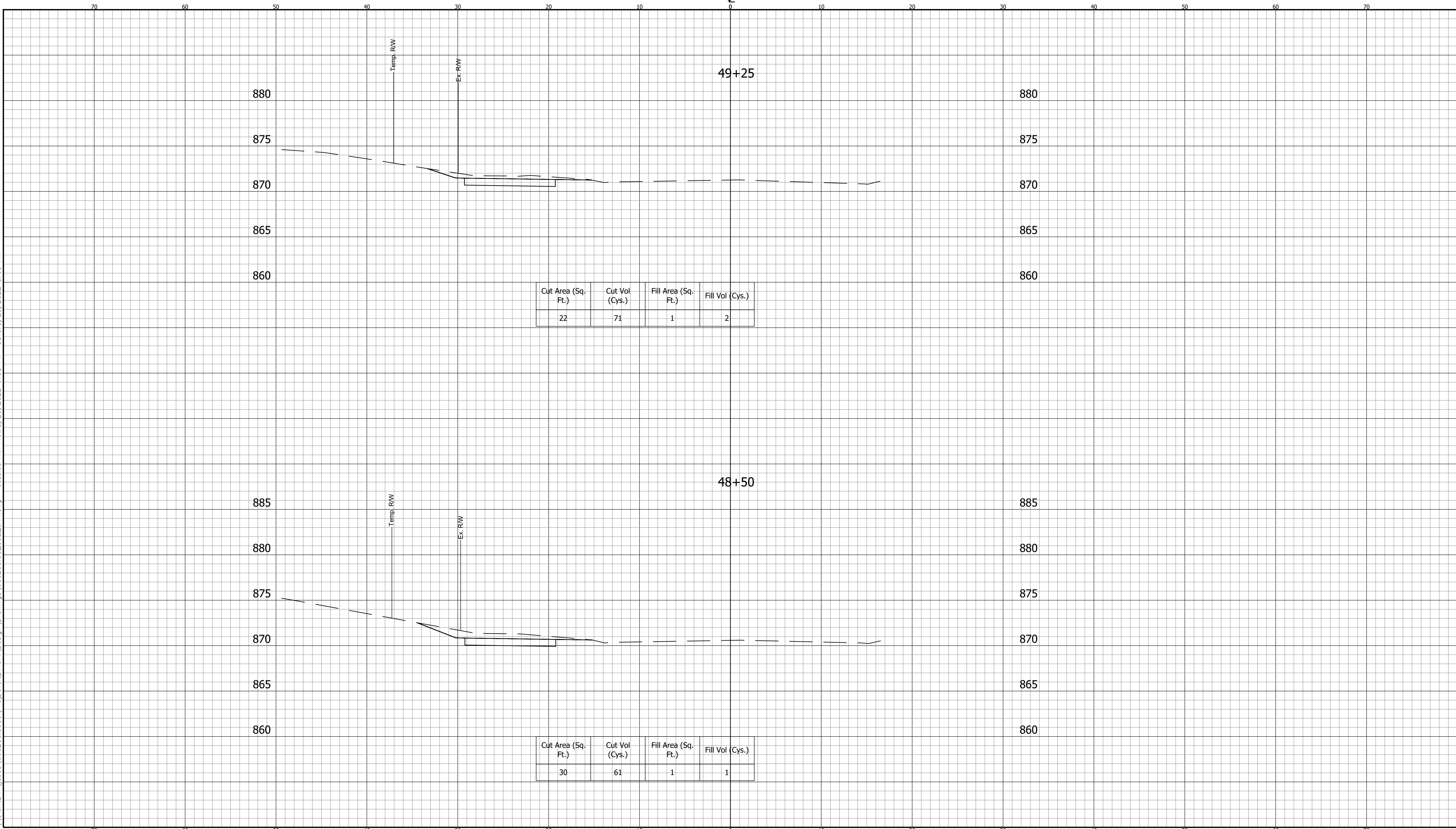
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 74 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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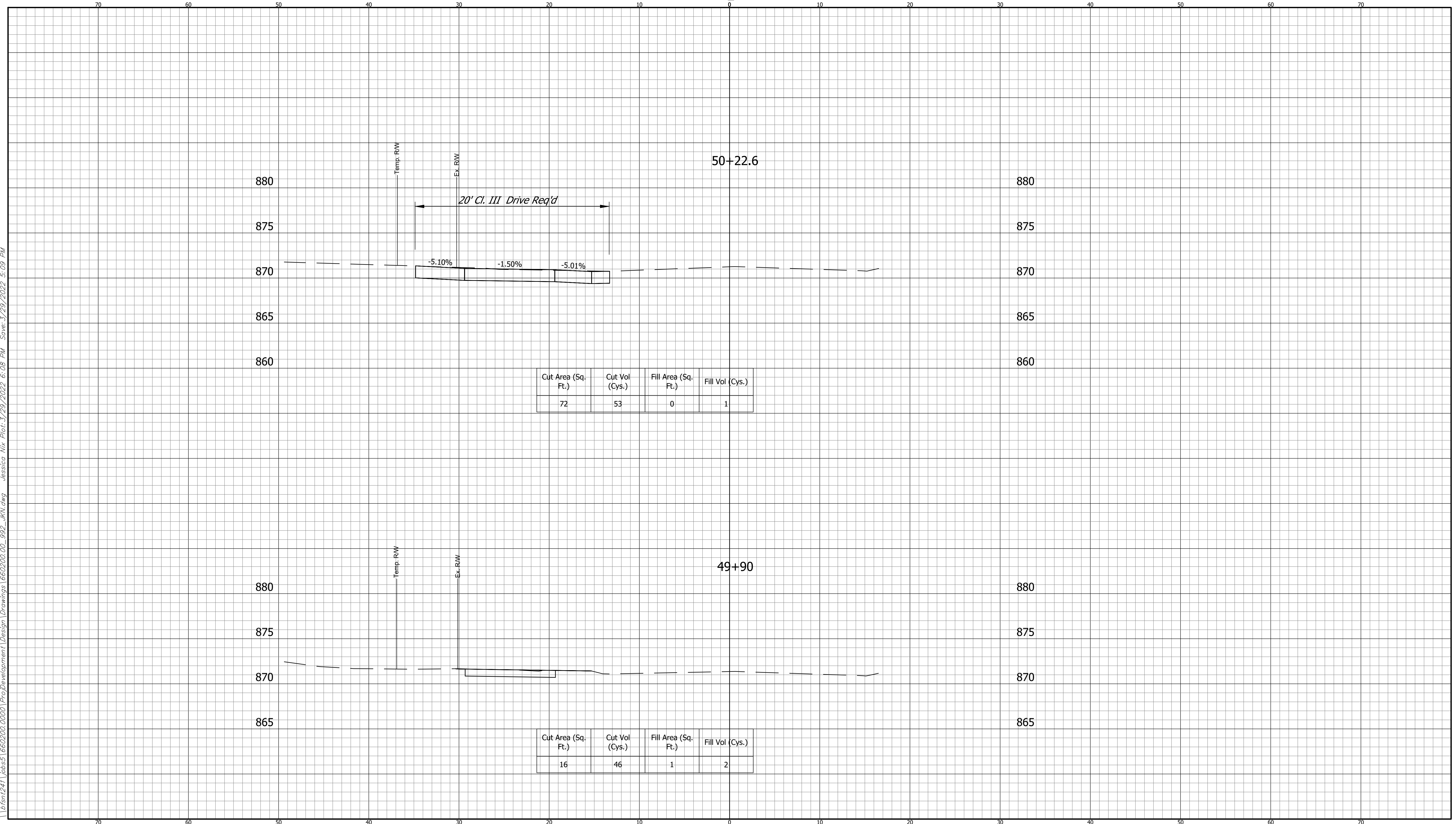
CROSS SECTIONS
SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH	CHECKED: DAV			SURVEY BOOK ELECTRONIC	SHEET 75 OF 109
				CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

CROSS SECTIONS
SCALE: 1"=5'

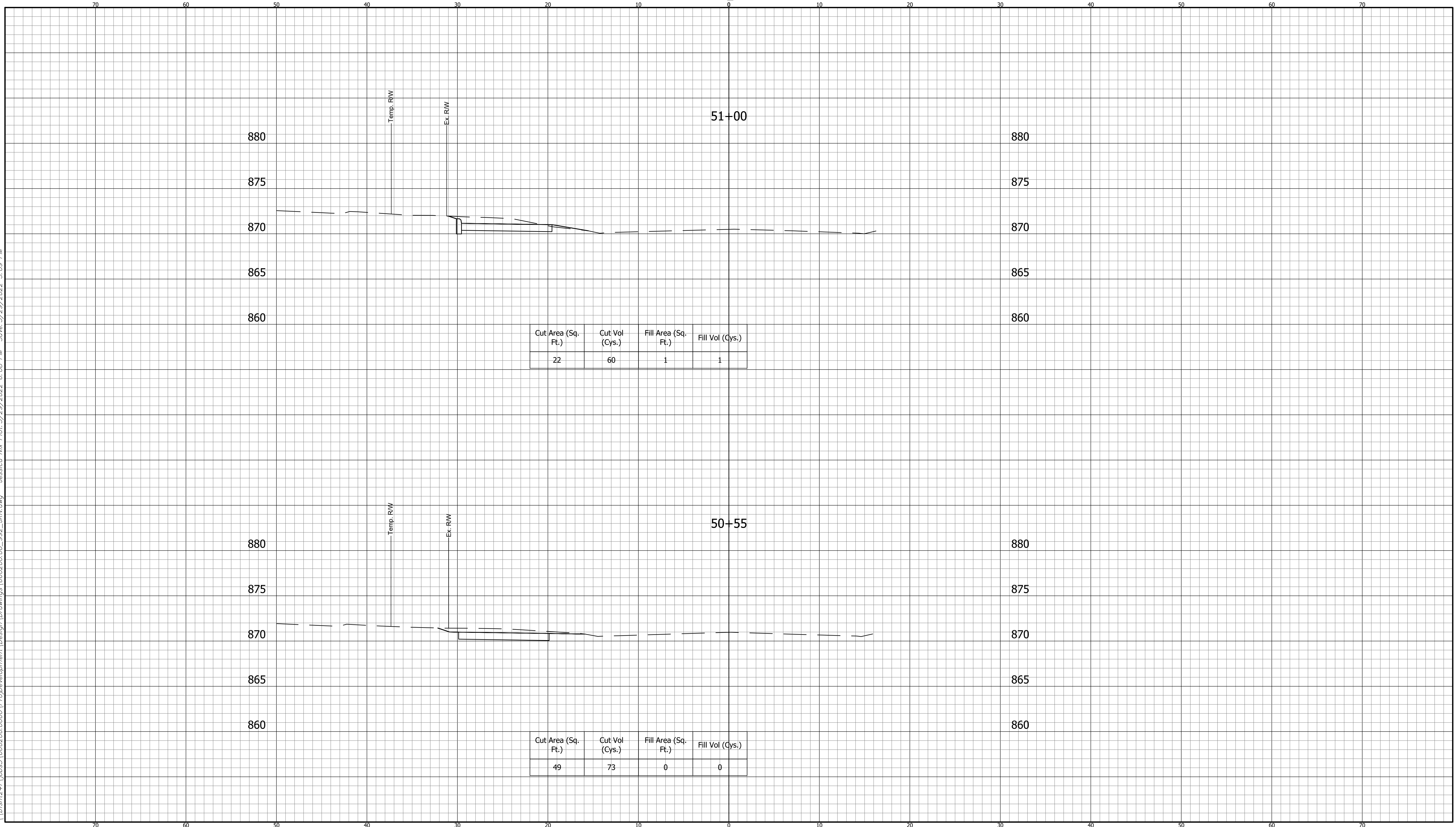


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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' SURVEY BOOK ELECTRONIC CONTRACT R-41898	BRIDGE FILE ---- DESIGNATION 1900405 SHEET 76 OF 109 PROJECT 1900405	660200.00 BFS NO.
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS				
CHECKED: AH	CHECKED: DAV					

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

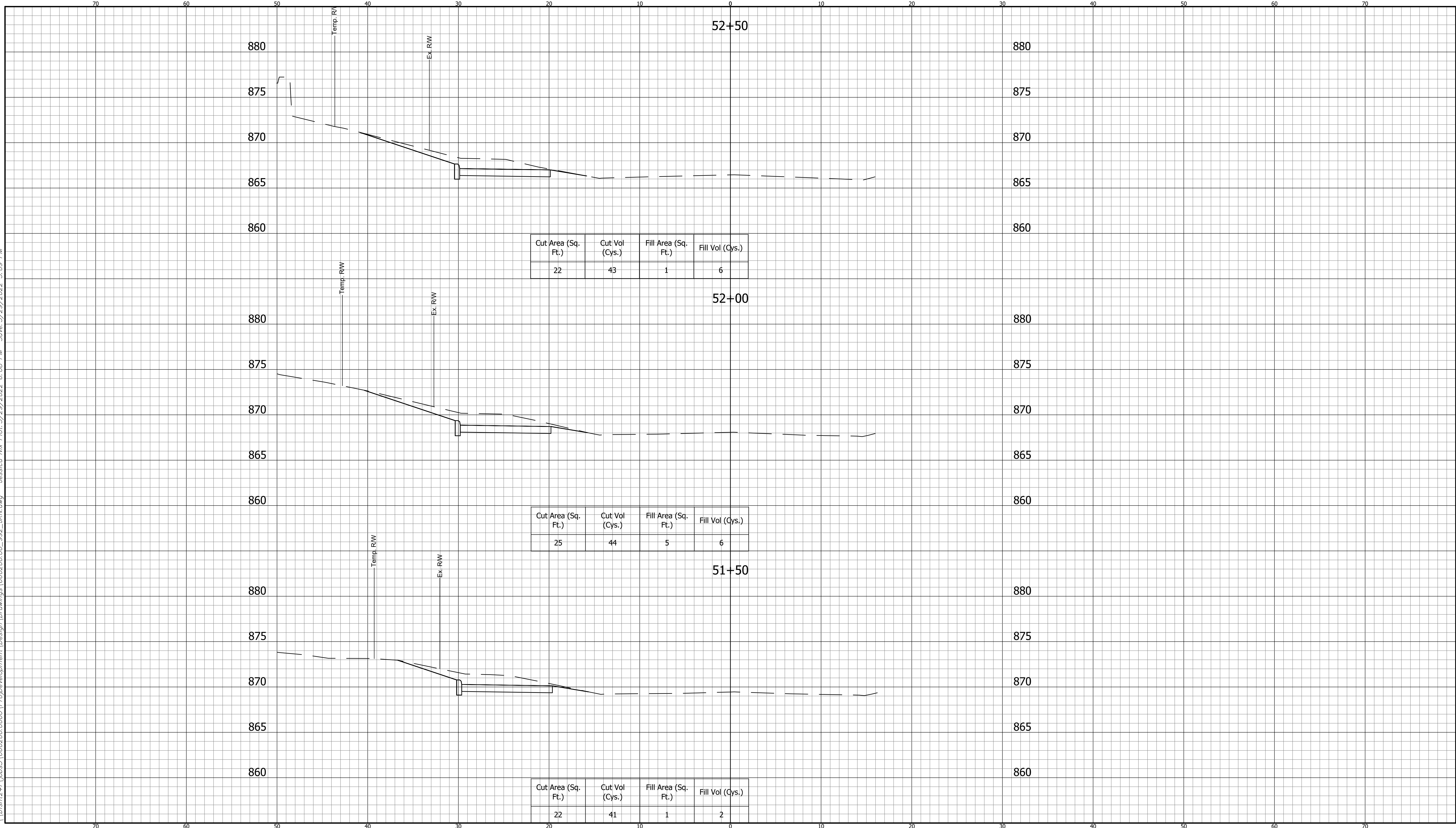
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 77 OF 109
CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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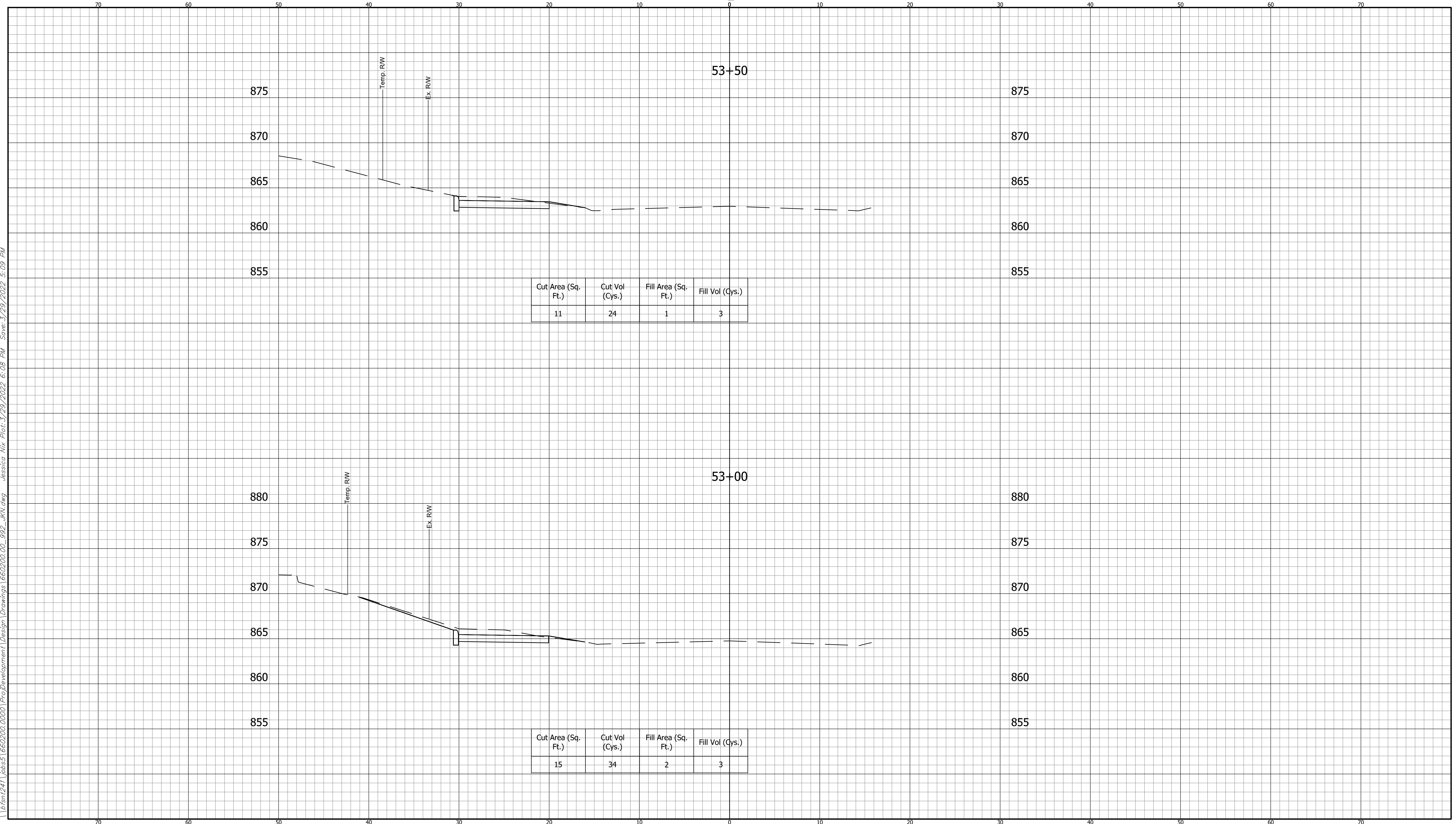
CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5'	BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	SURVEY BOOK ELECTRONIC	SHEET 78 OF 109
CHECKED: AH	CHECKED: DAV		CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

CROSS SECTIONS
SCALE: 1"=5'



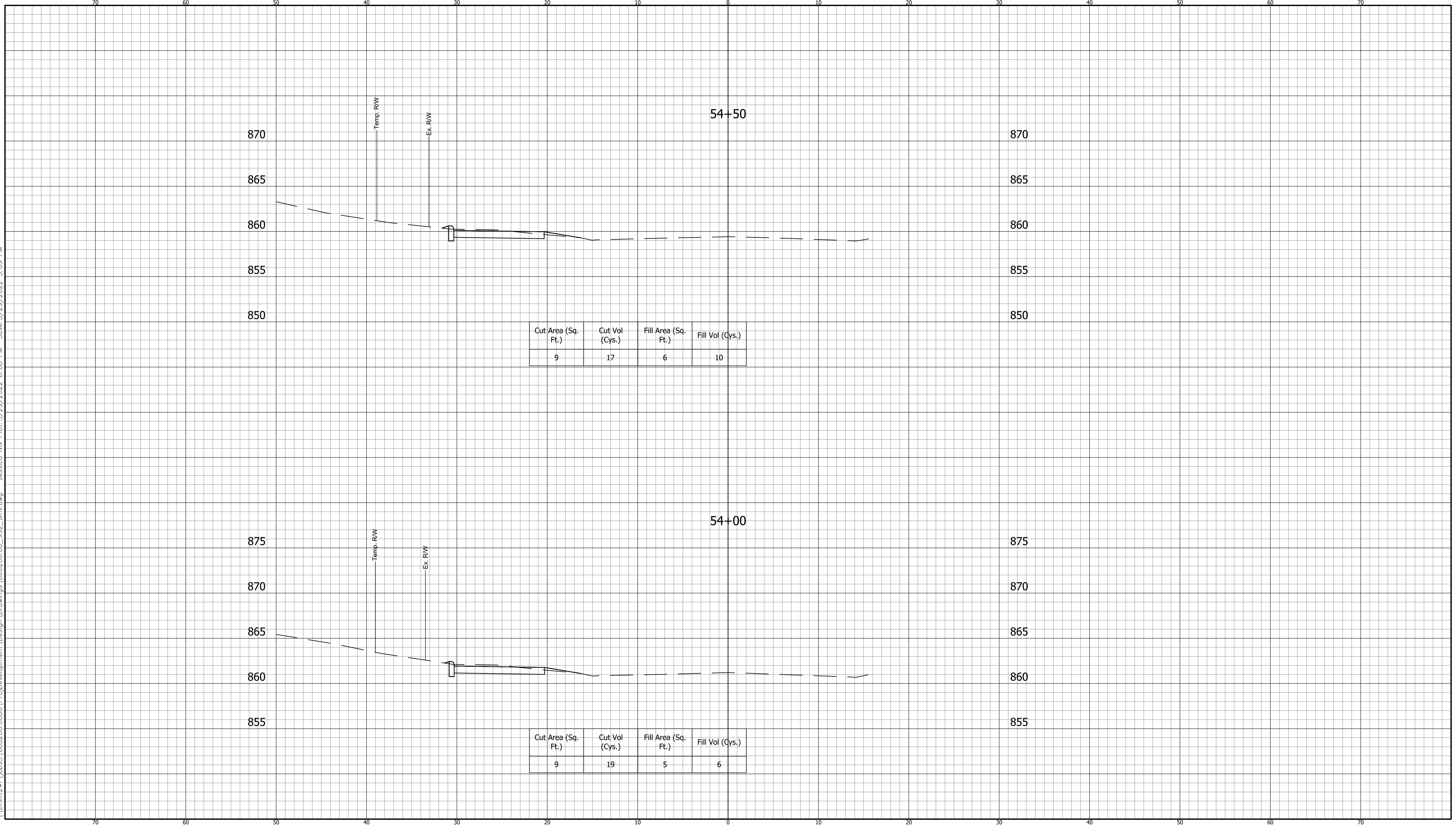
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 79 OF 109
				CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



CROSS SECTIONS
 LINE "A"

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

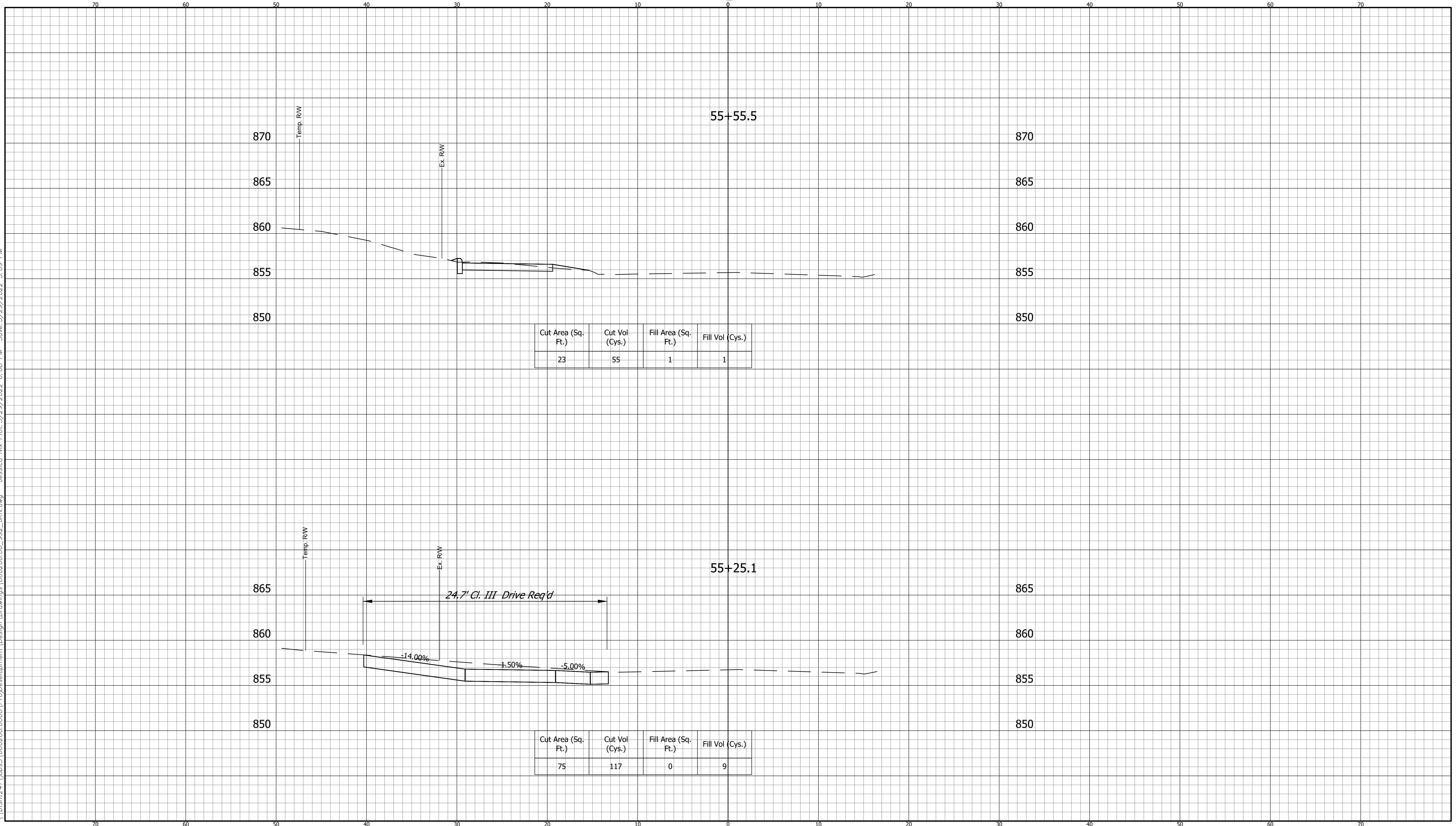
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 80 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
 BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
23	55	1	1

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
75	117	0	9

CROSS SECTIONS LINE "A"			
DESIGNED: DAV	DRAWN: JDW		
CHECKED: AH	CHECKED: DAV		

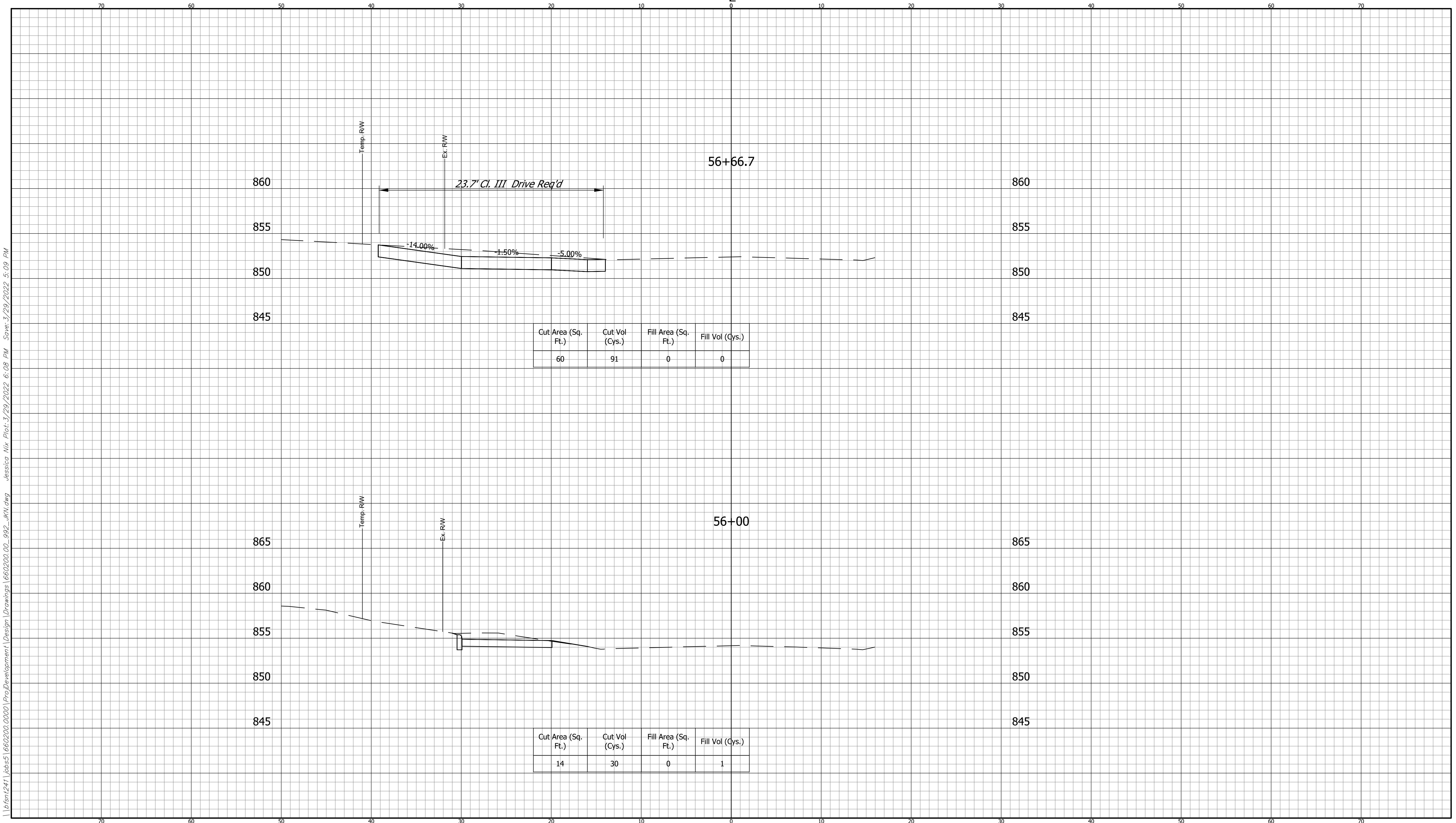
INDIANA
 DEPARTMENT OF TRANSPORTATION

 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 81 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

CUT CROSS SECTIONS FILL
SCALE: 1"=5'



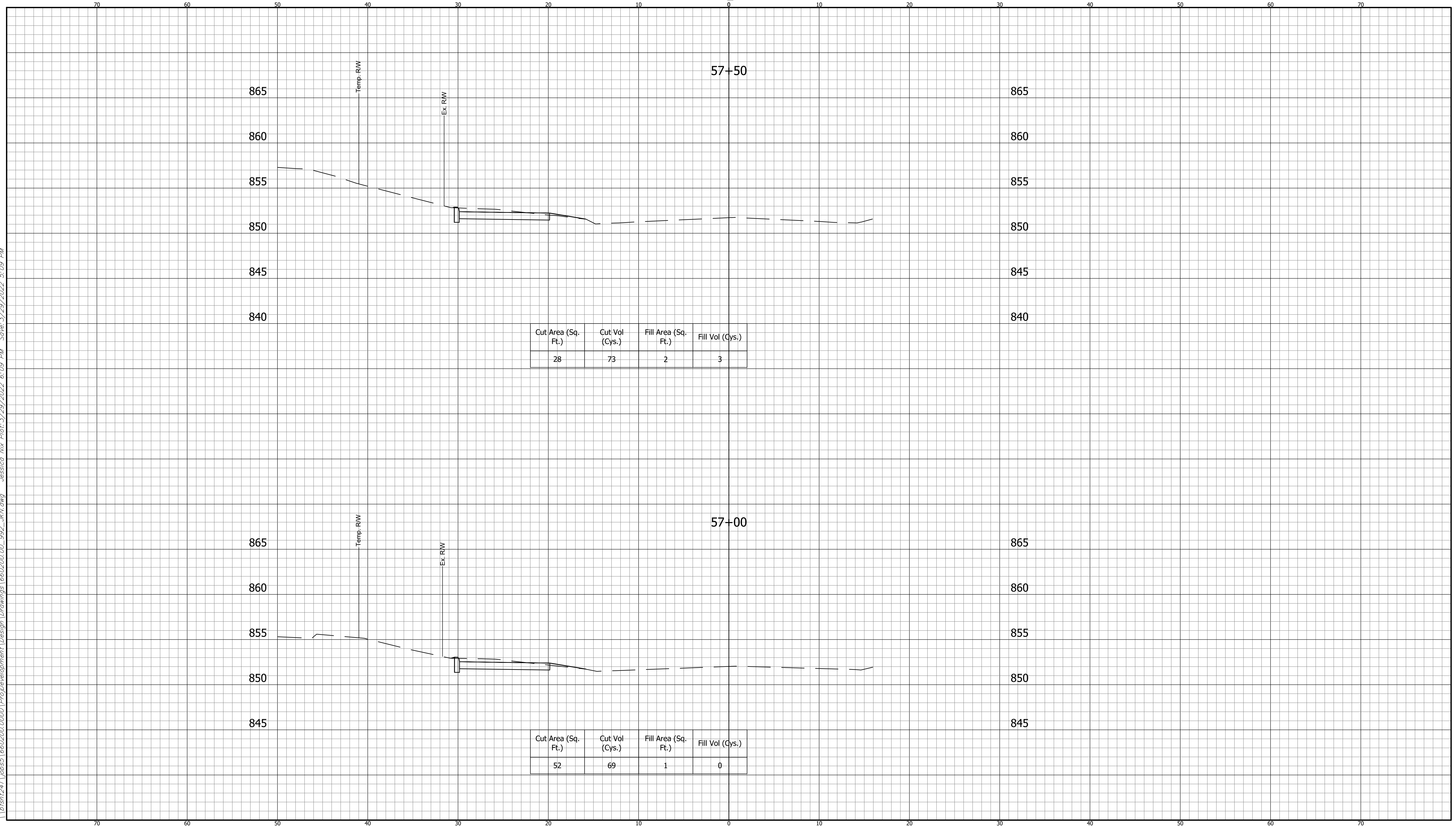
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 82 OF 109
				CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

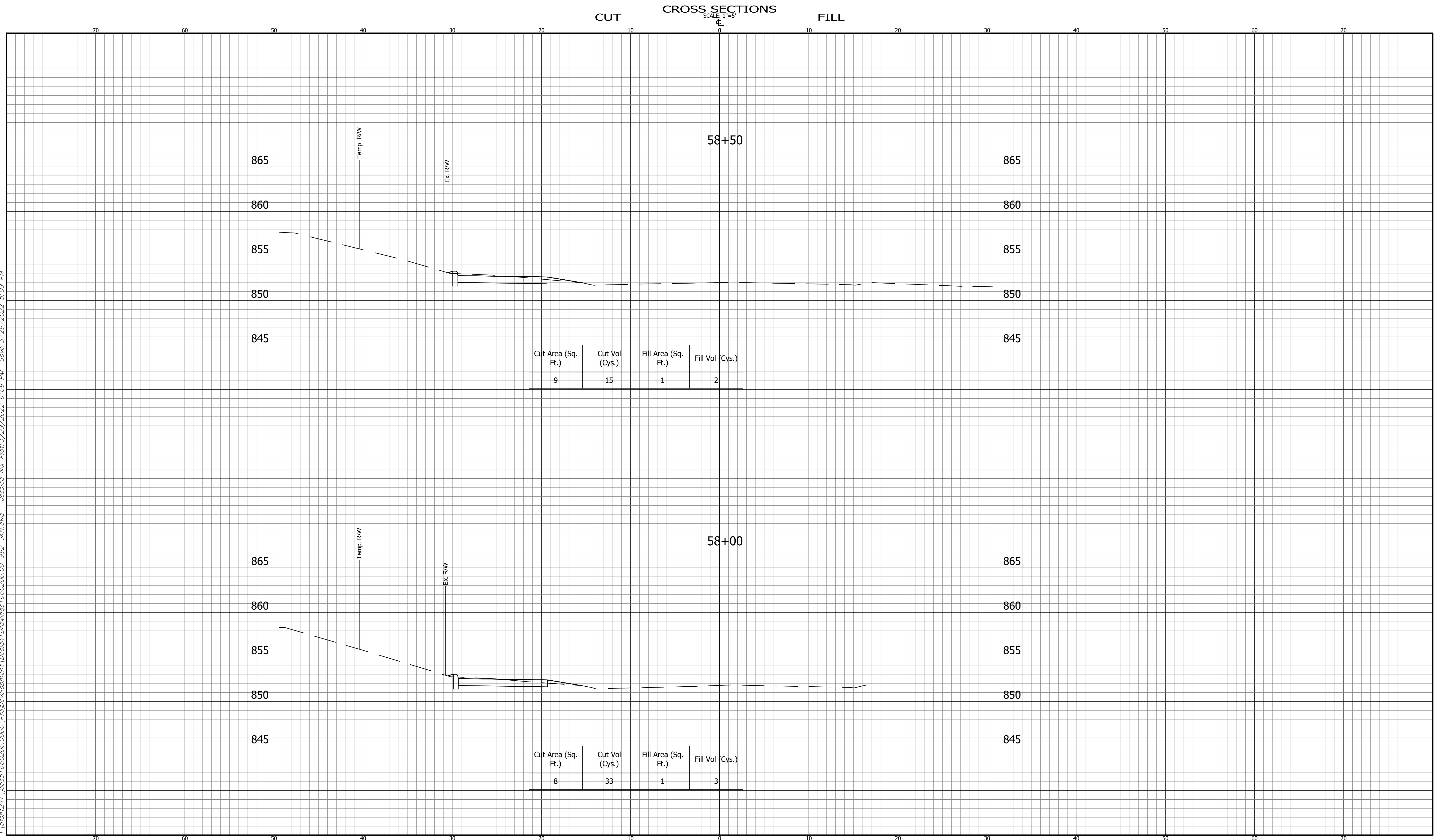
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 83 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
9	15	1	2

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
8	33	1	3

**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

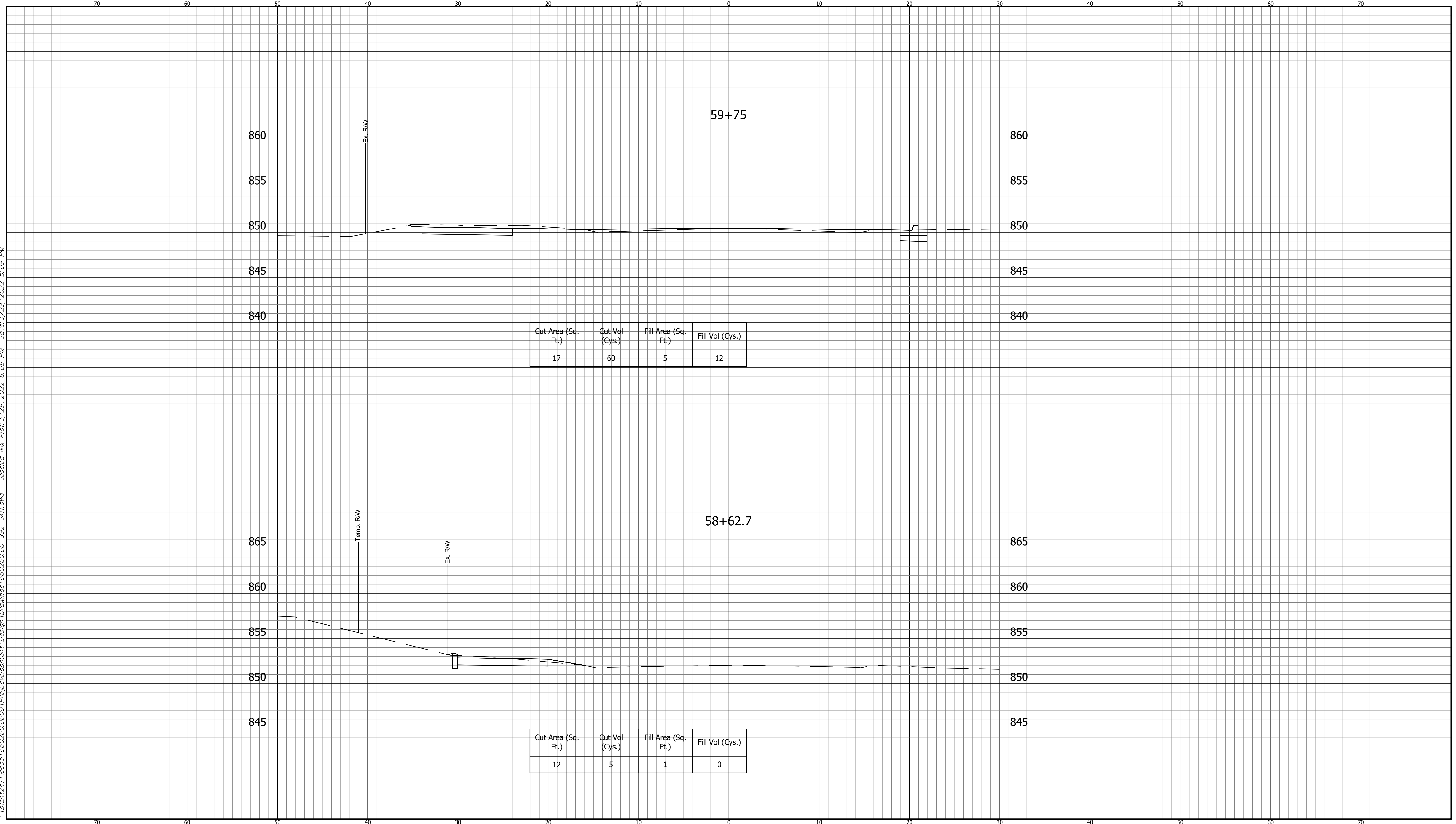
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 84 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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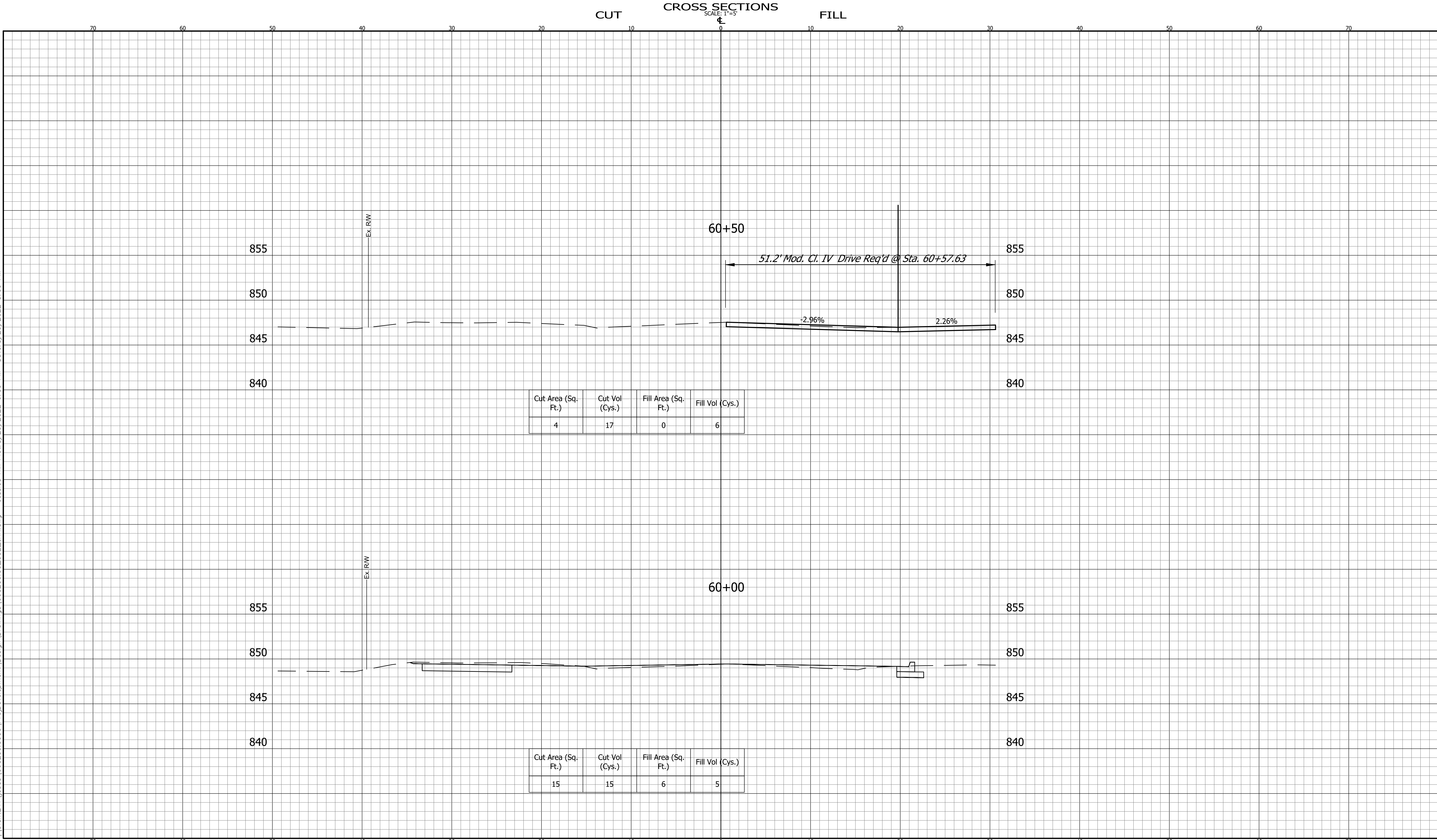
CUT CROSS SECTIONS FILL
SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5'	BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC	SHEET 85 OF 109
CHECKED: AH	CHECKED: DAV			CONTRACT R-41898	PROJECT 1900405

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 BFS NO.

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**CROSS SECTIONS
LINE "A"**

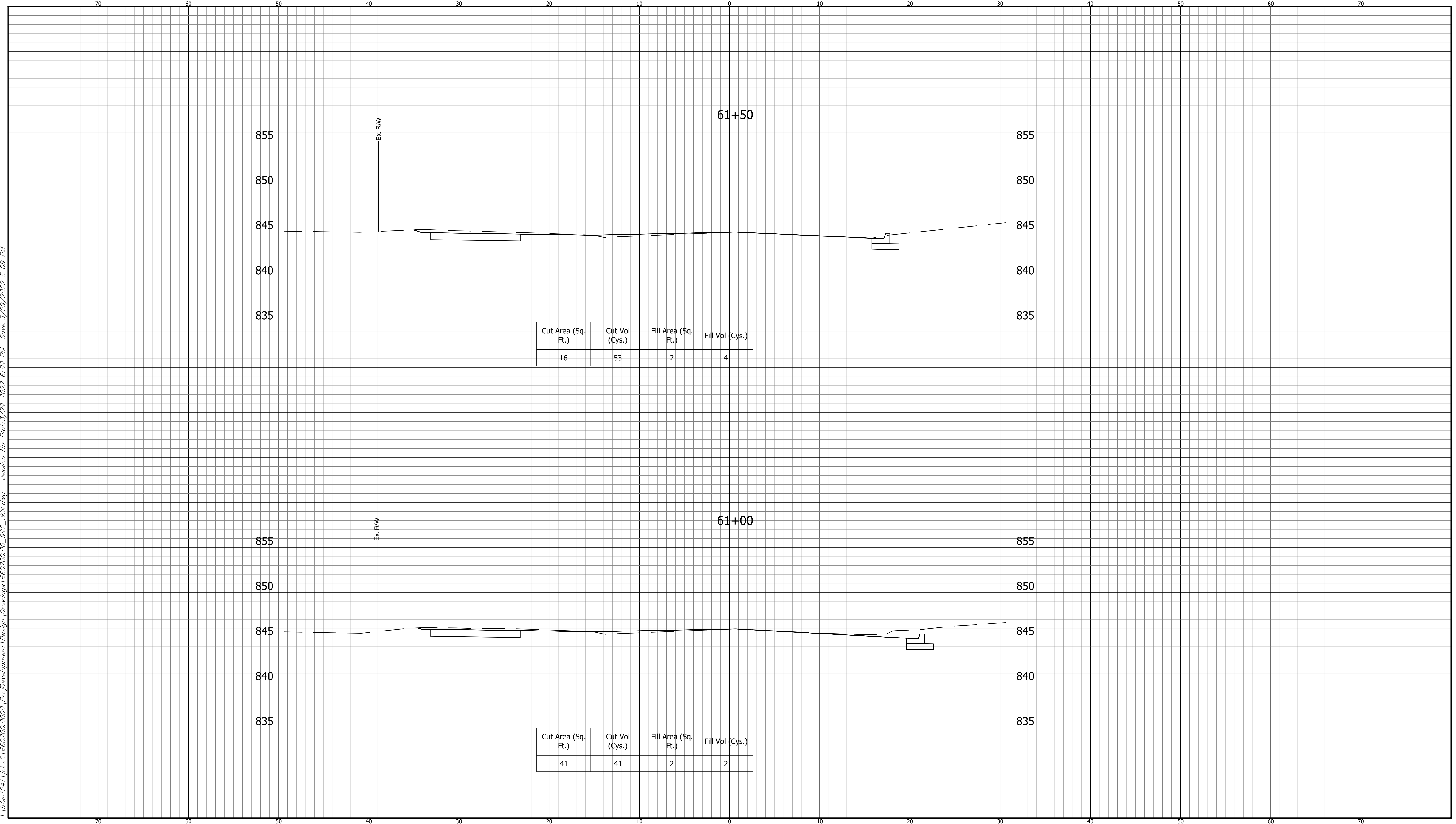
DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 86 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

CROSS SECTIONS
SCALE: 1"=5'



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CROSS SECTIONS
LINE "A"

DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

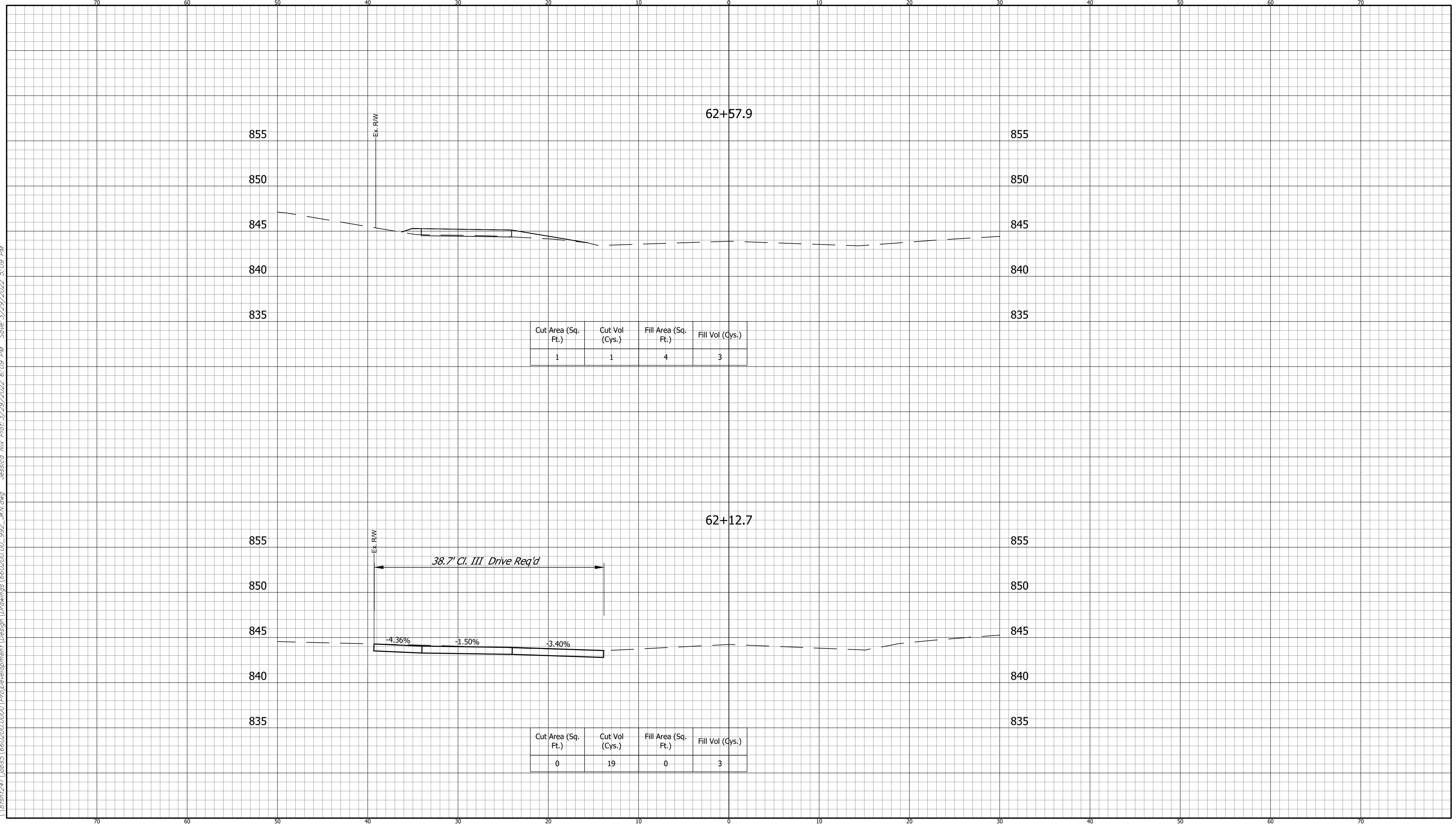
INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 87 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO.
660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
1	1	4	3

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	19	0	3

**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

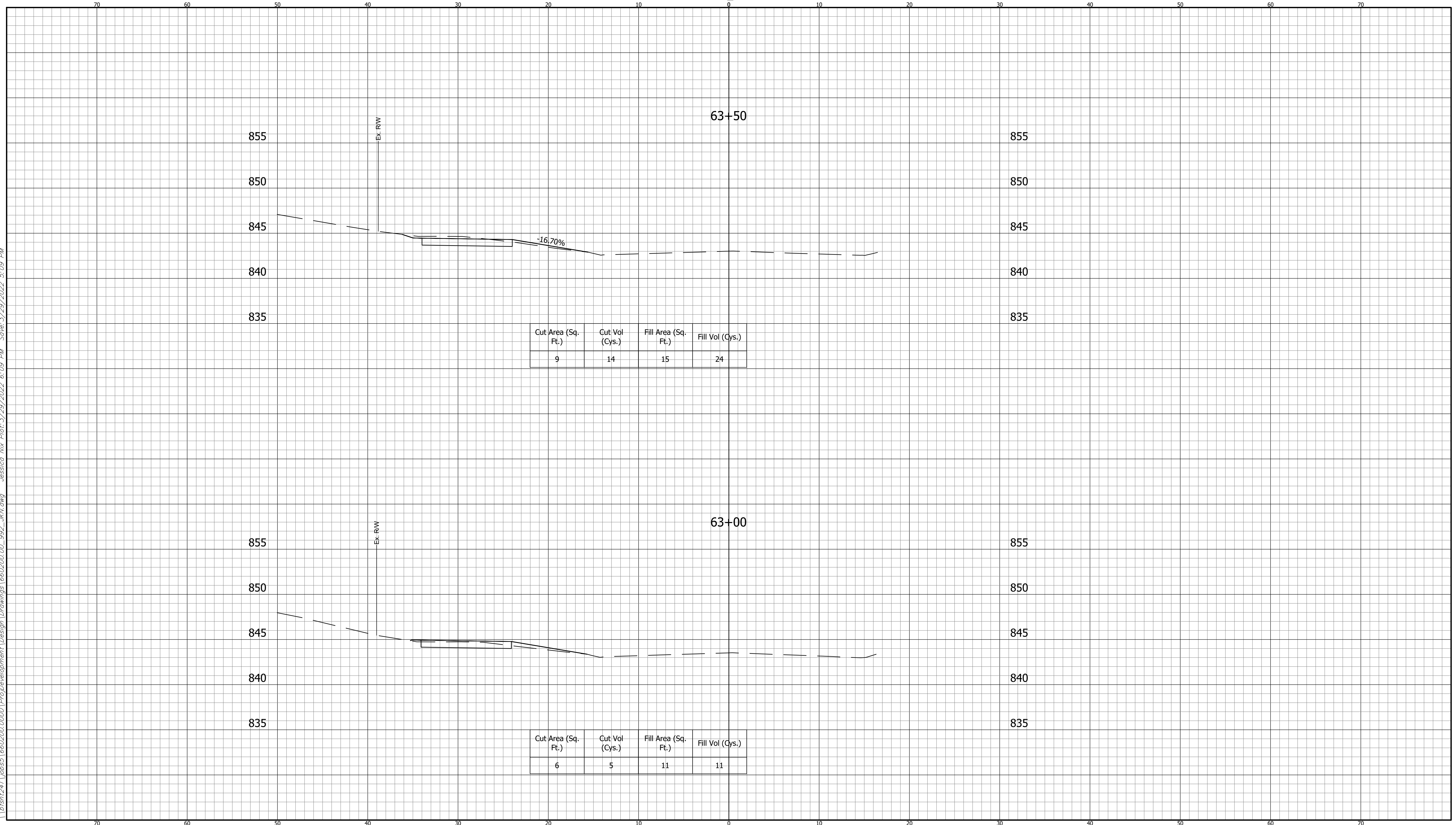
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 88 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

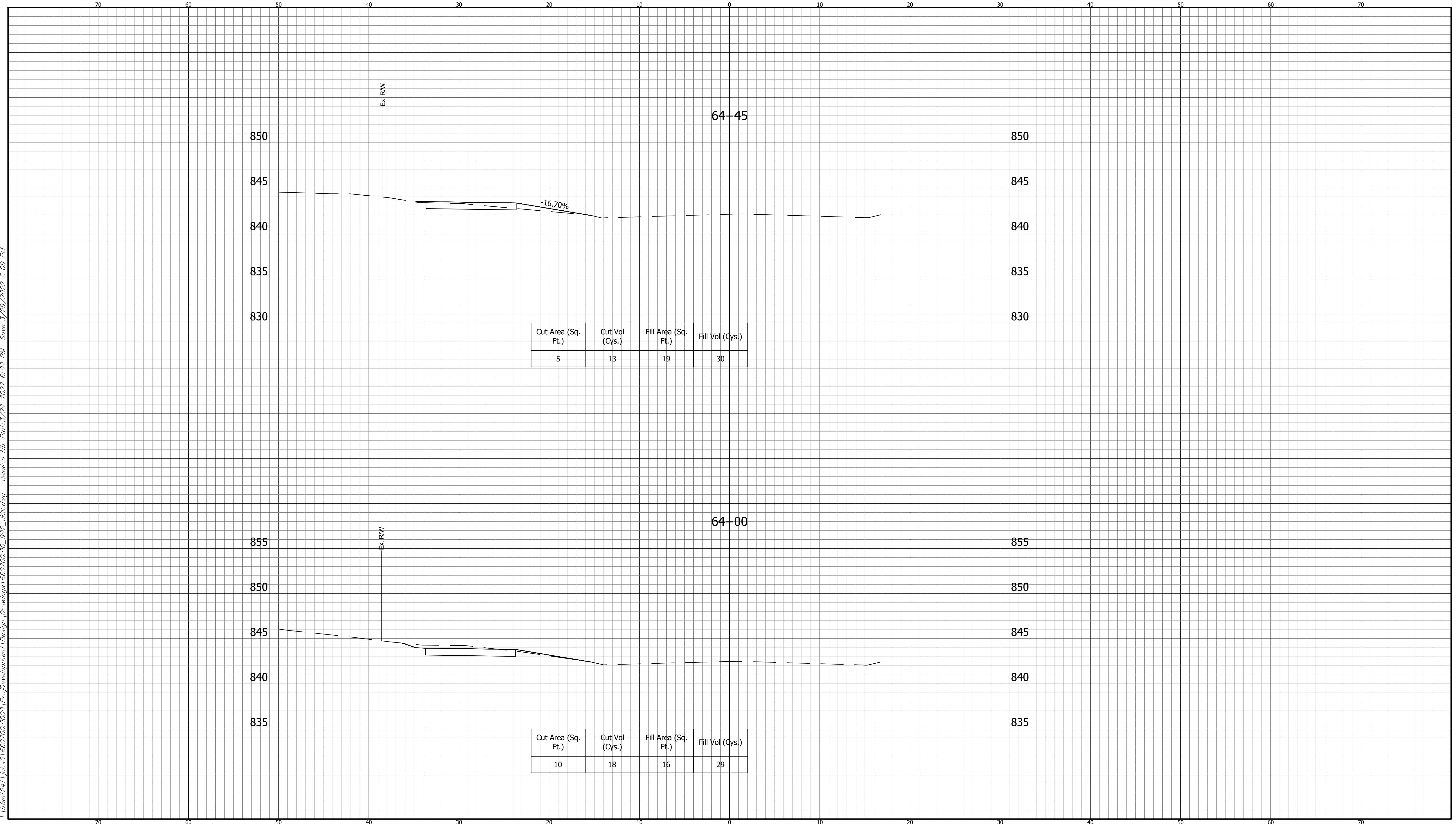
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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' SURVEY BOOK ELECTRONIC CONTRACT R-41898	BRIDGE FILE ---- DESIGNATION 1900405 SHEET 89 OF 109 PROJECT 1900405	660200.00 BFS NO.
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS				
CHECKED: AH	CHECKED: DAV					

CUT CROSS SECTIONS FILL
SCALE: 1"=5'



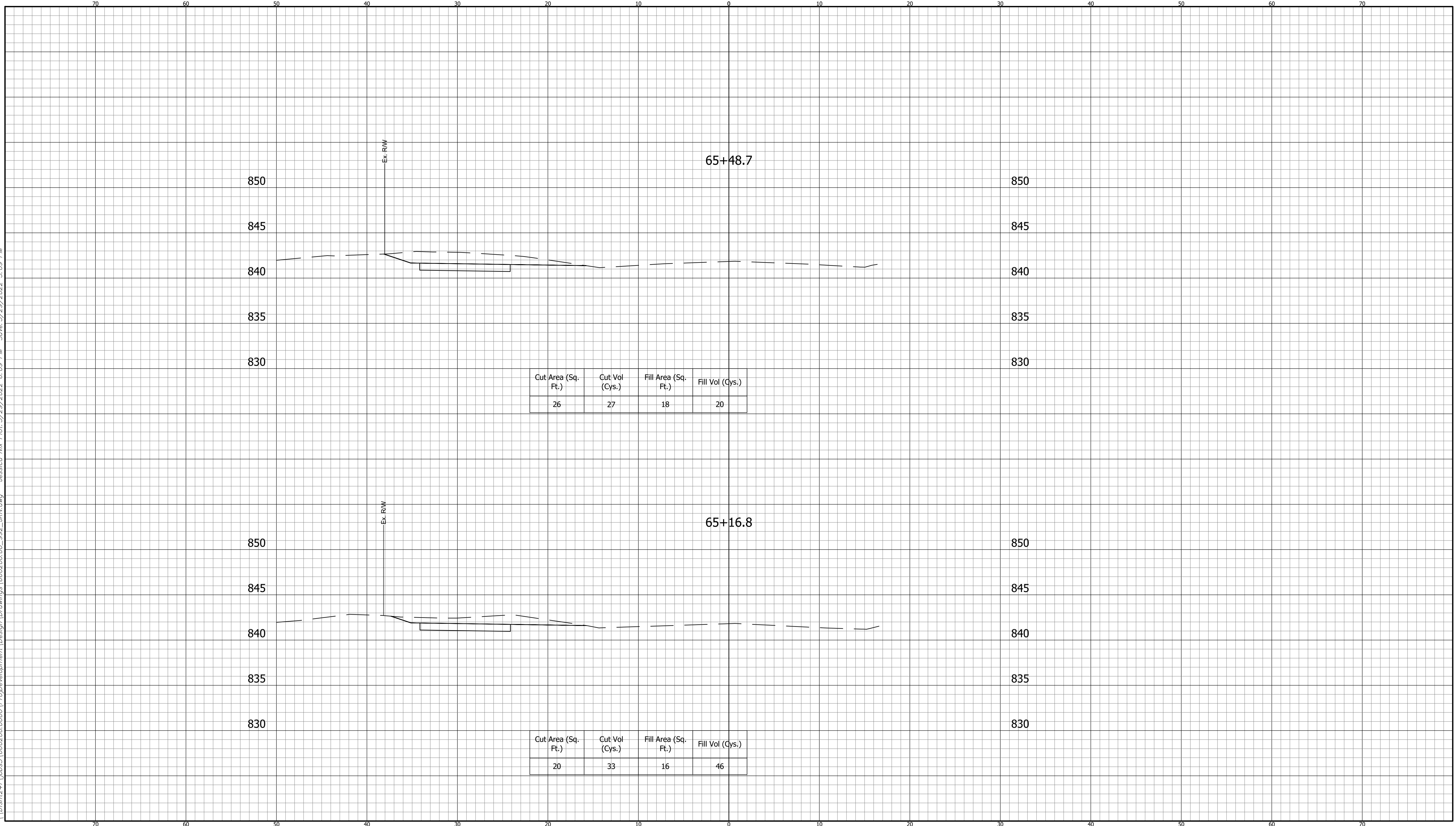
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 90 OF 109
				CONTRACT R-41898	PROJECT 1900405

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

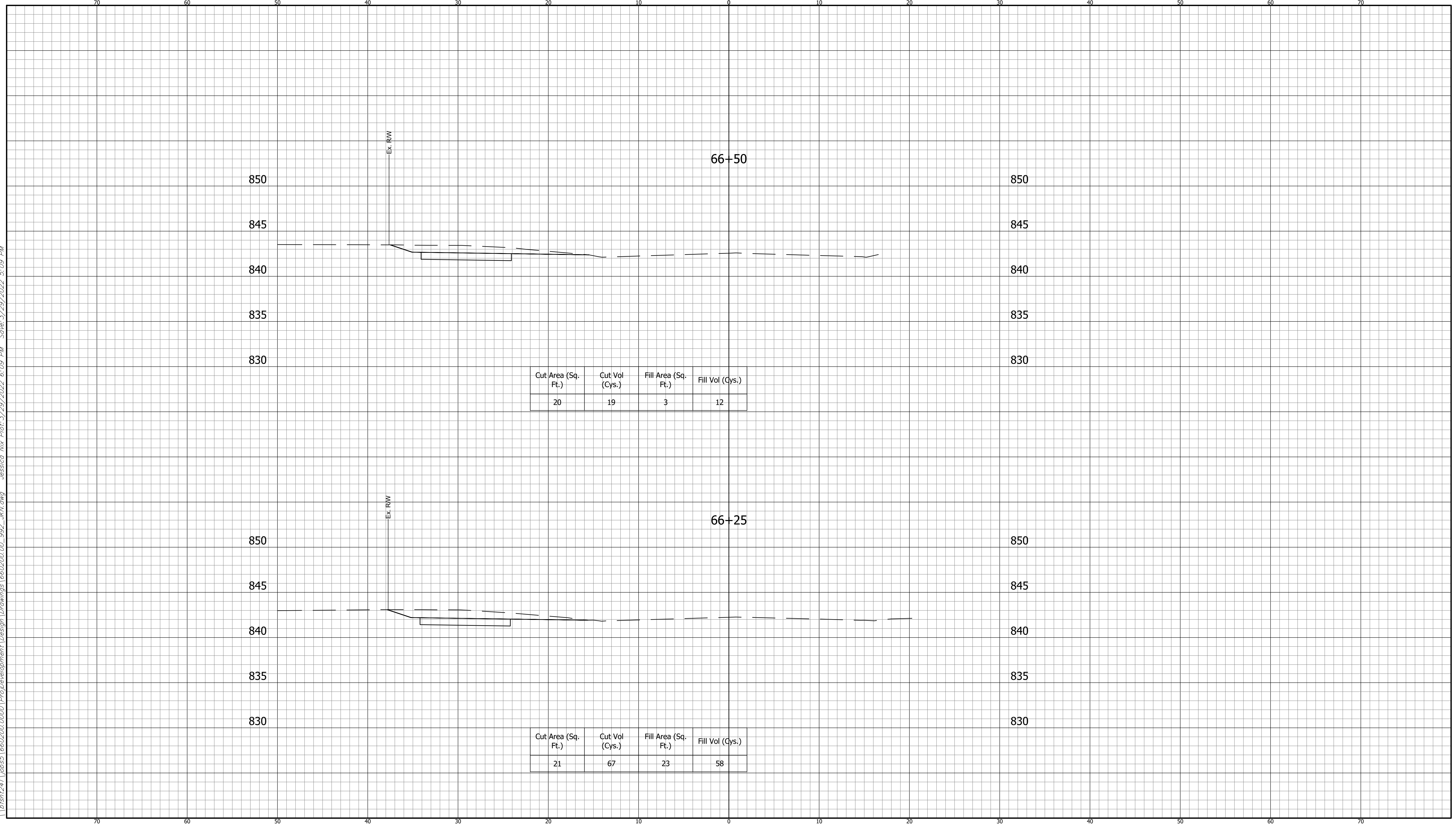
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 91 OF 109
CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

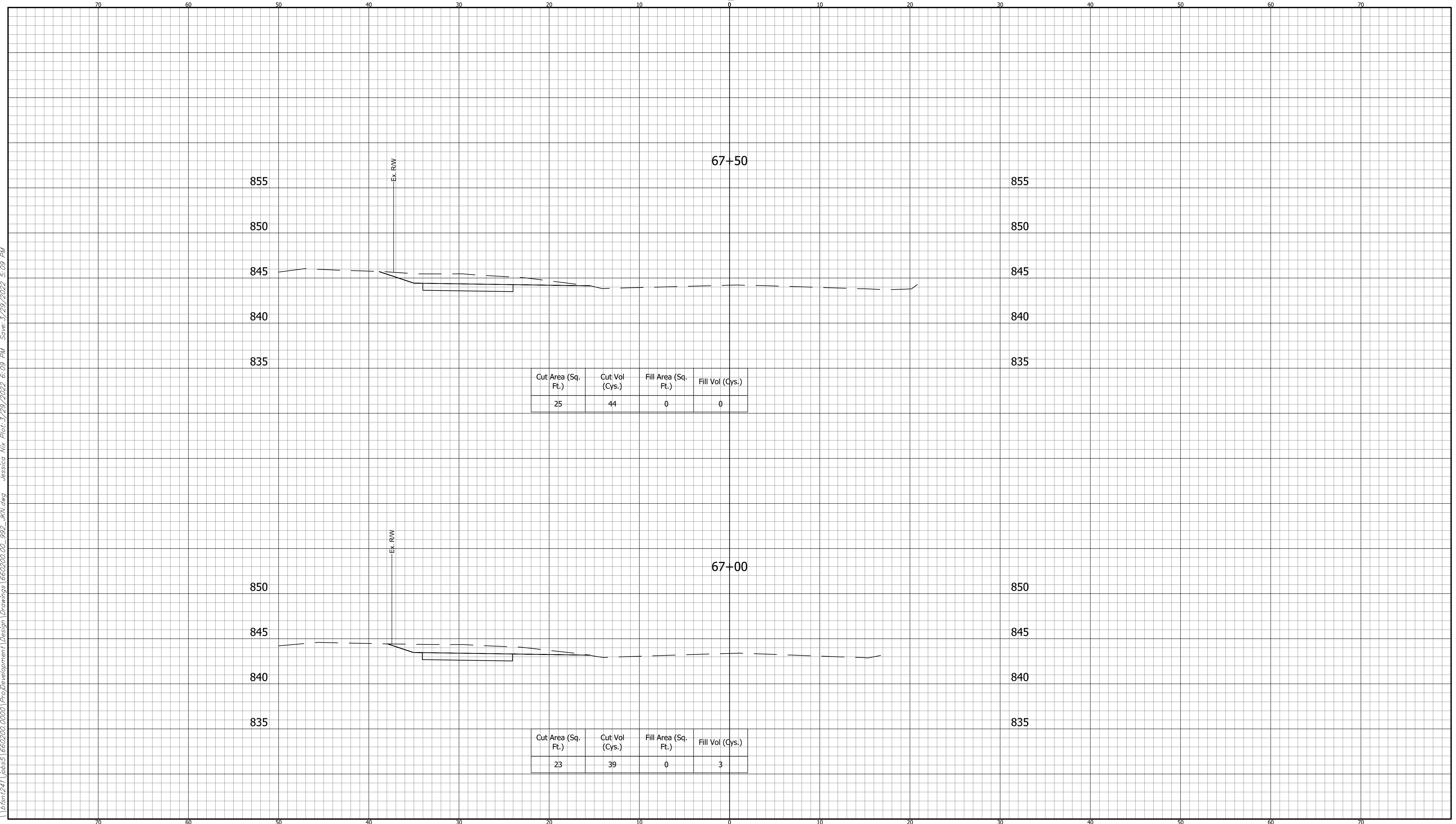
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 92 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

CUT CROSS SECTIONS FILL
SCALE: 1"=5'



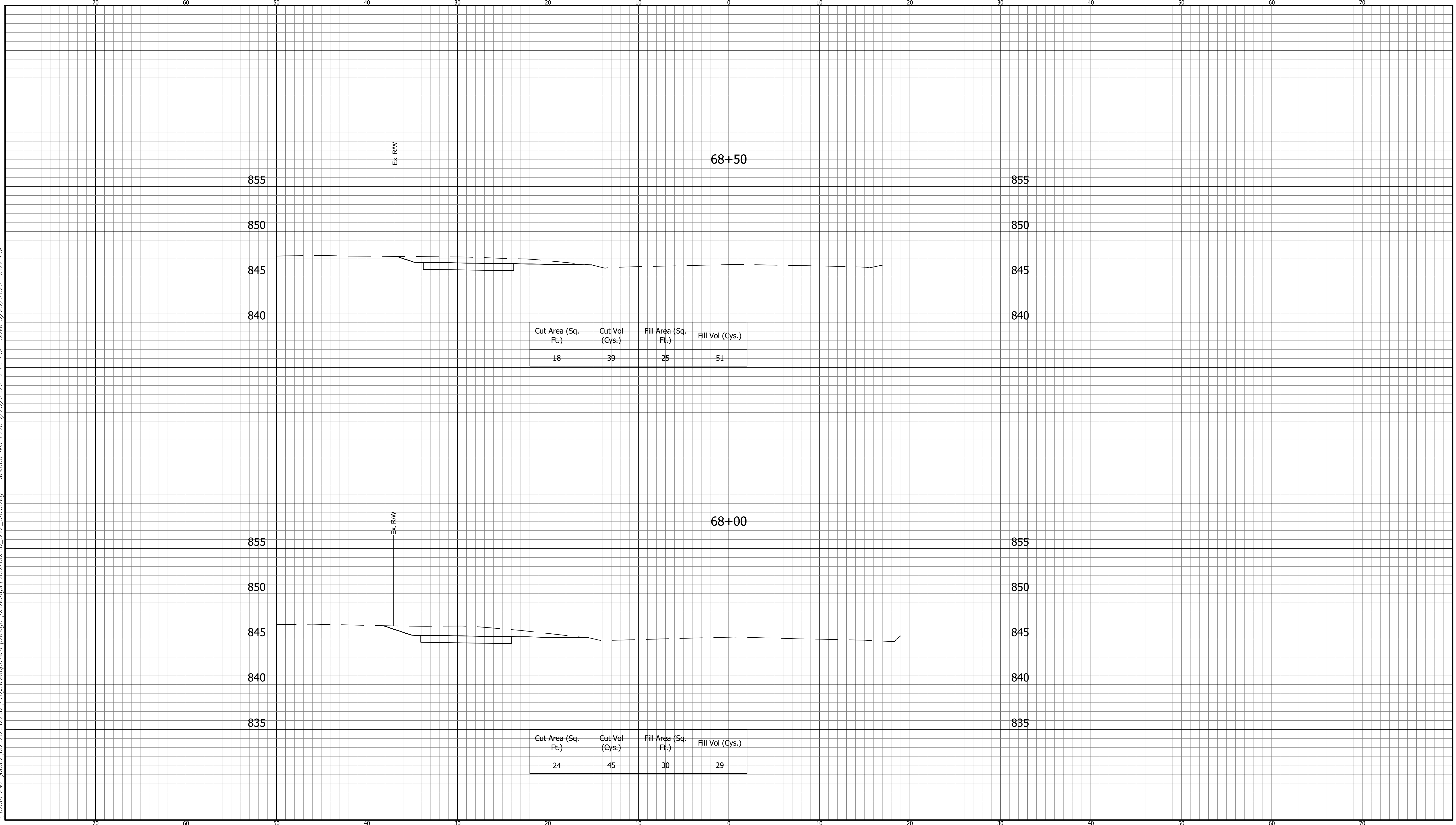
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 93 OF 109
				CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
18	39	25	51

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
24	45	30	29

**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

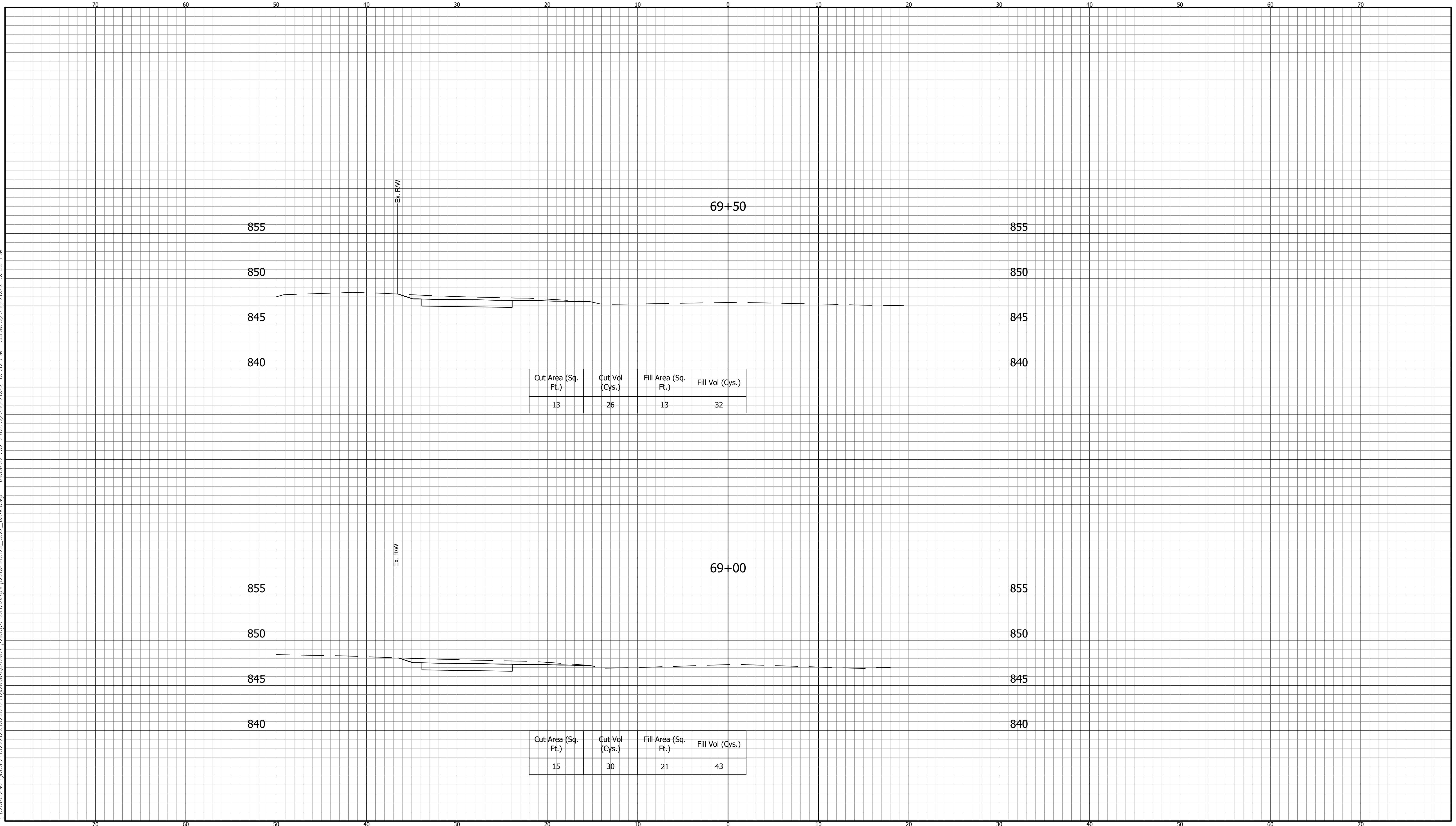
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 94 OF 109
CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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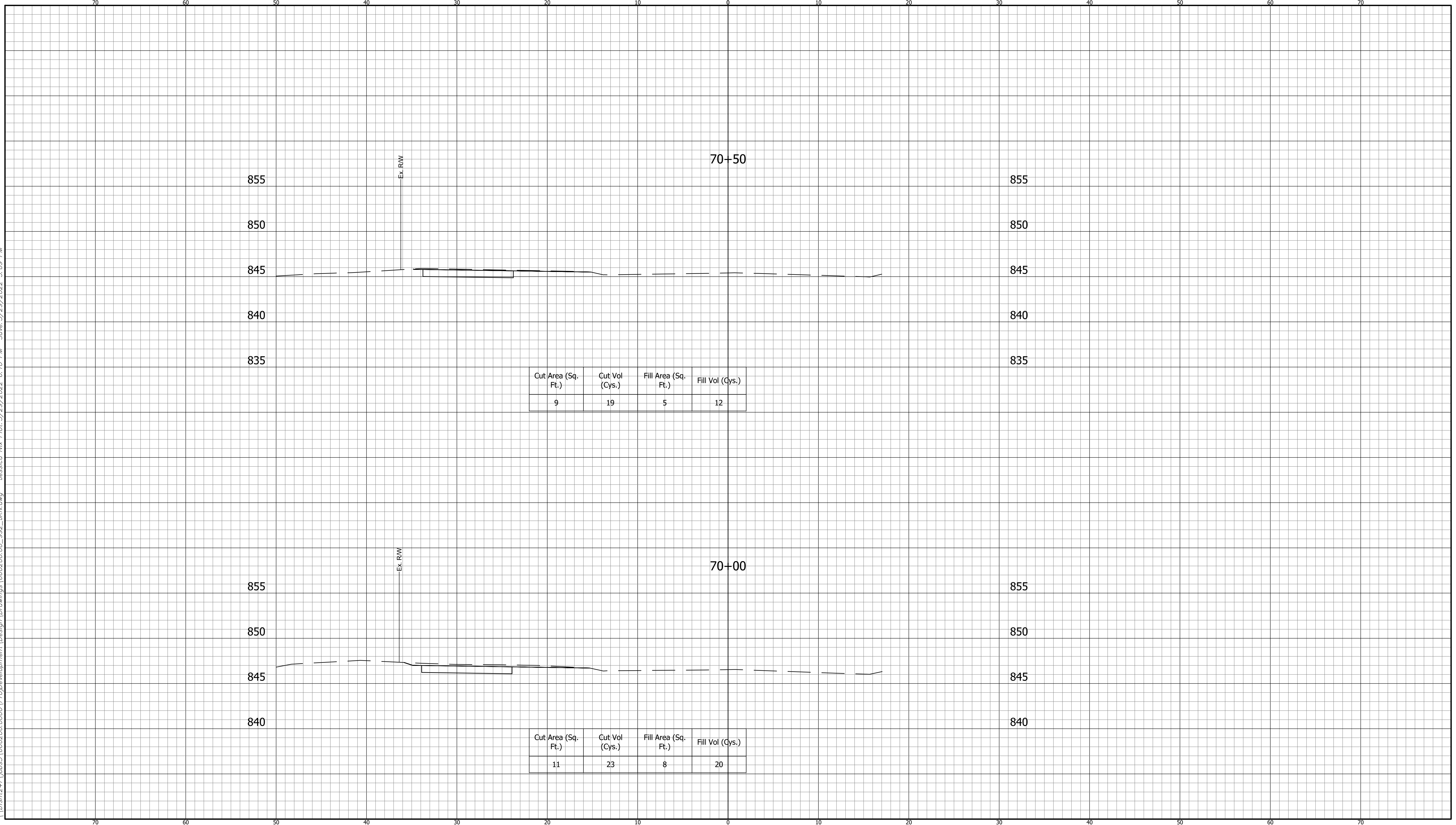
CUT CROSS SECTIONS FILL
SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC SHEET 95 OF 109 CONTRACT R-41898 PROJECT 1900405
CHECKED: AH	CHECKED: DAV			BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

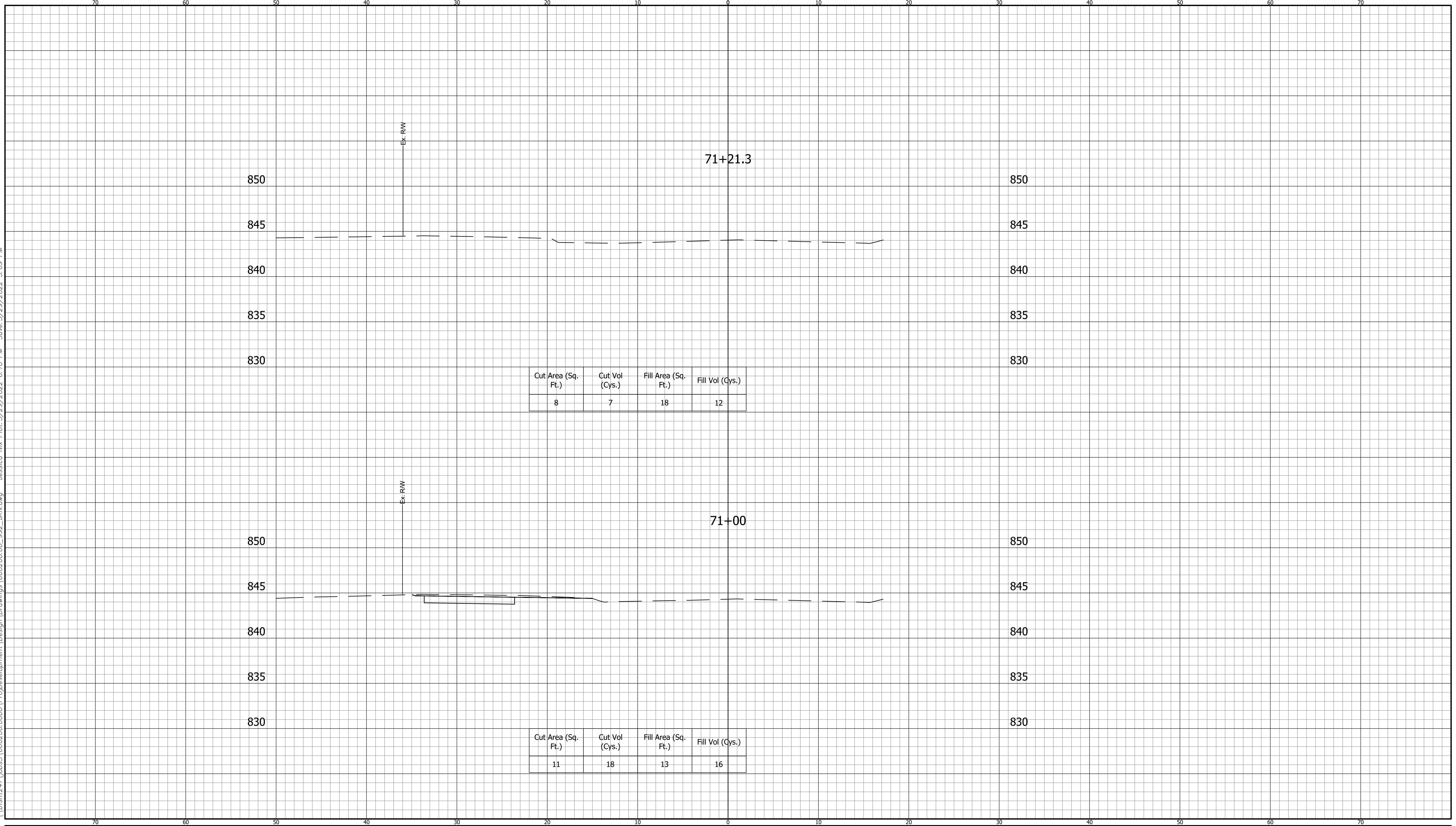
INDIANA
 DEPARTMENT OF TRANSPORTATION
**KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 96 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
 BFS NO.

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

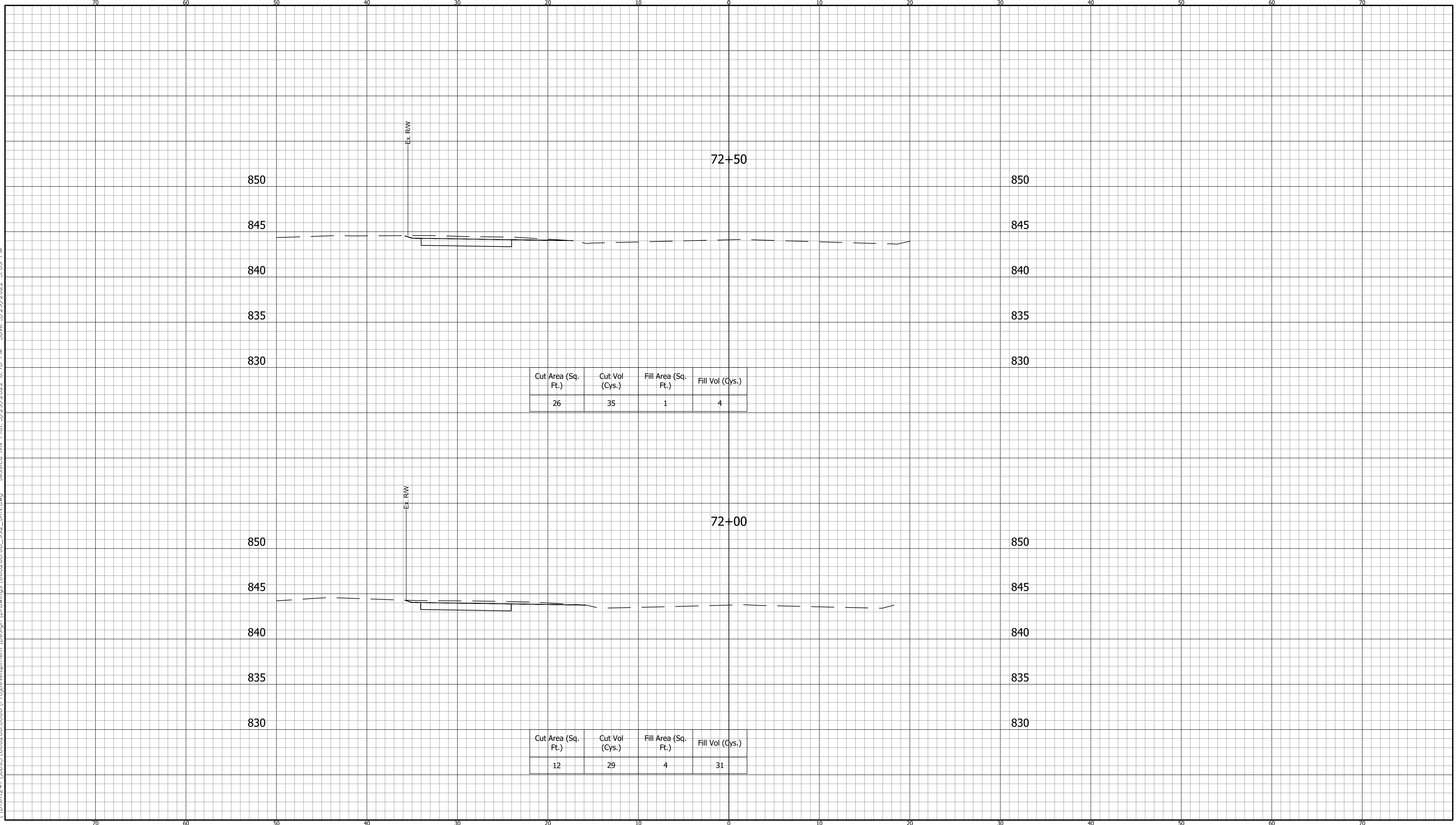
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 97 OF 109
CONTRACT R-41898	PROJECT 1900405

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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**

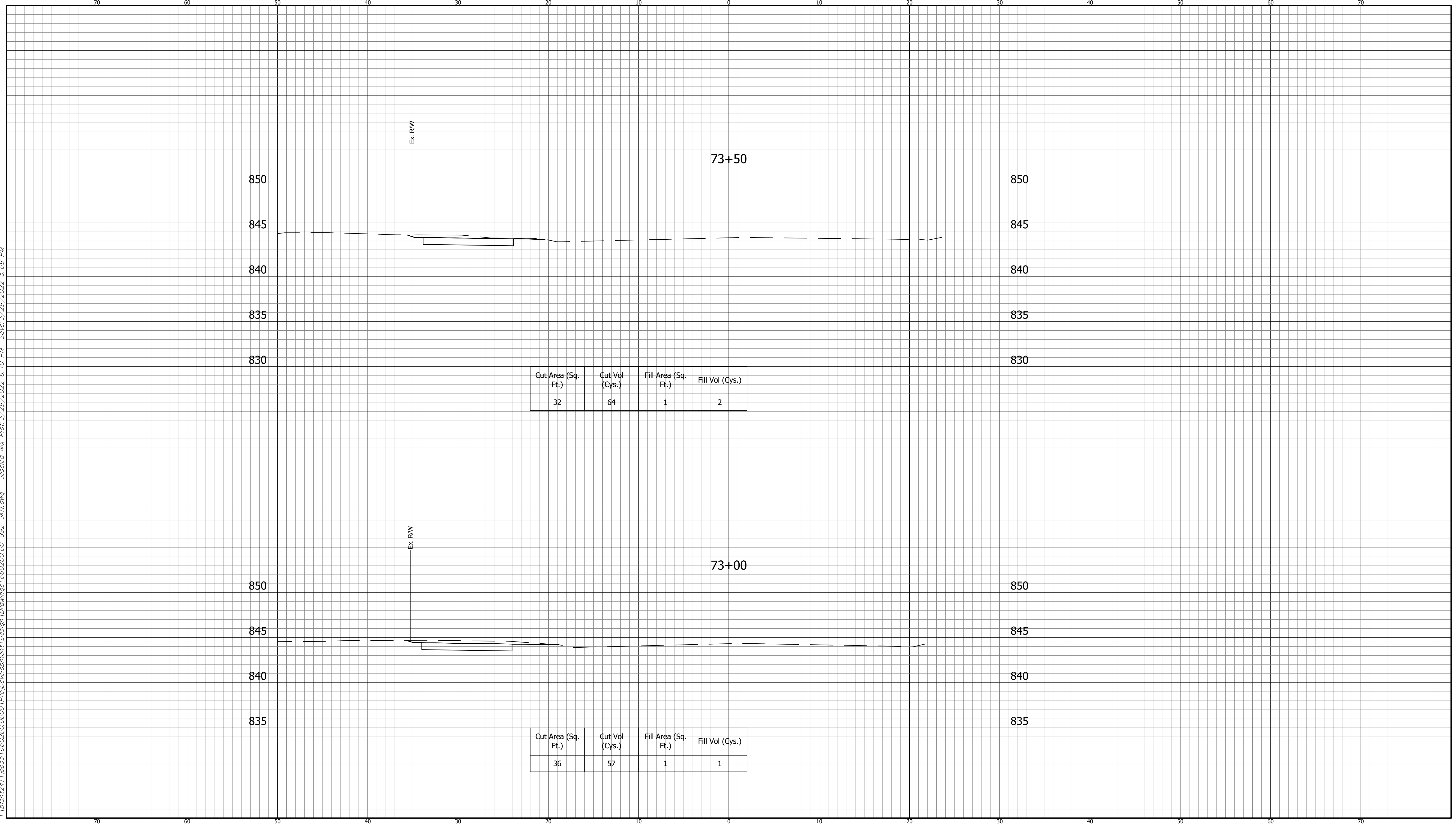
**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 98 OF 109
CONTRACT R-41898	PROJECT 1900405

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

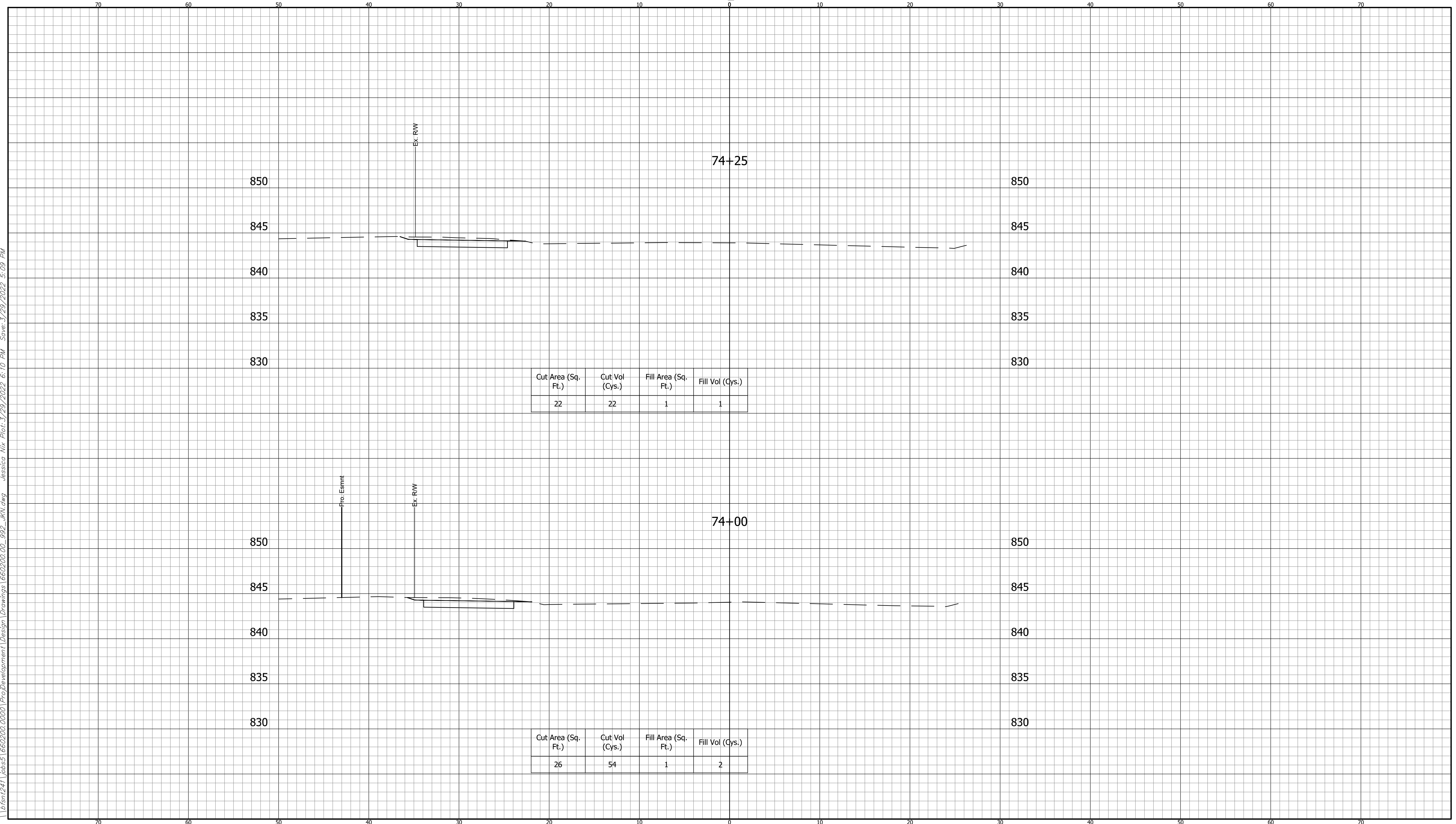
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 99 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

CROSS SECTIONS
SCALE: 1"=5'



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CROSS SECTIONS LINE "A"	
DESIGNED: DAV	DRAWN: JDW
CHECKED: AH	CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION

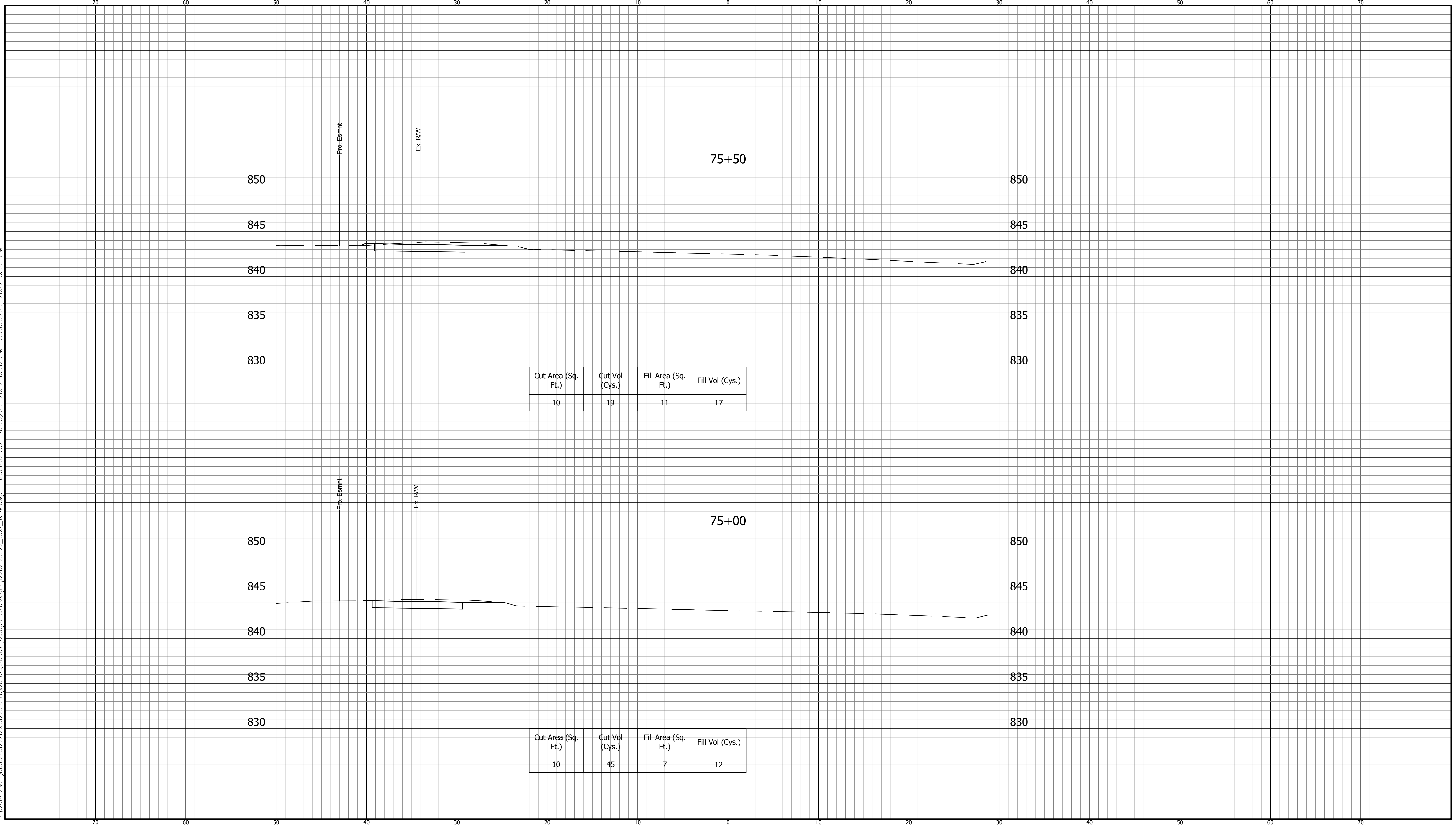
KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 100 OF 109
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.00

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
10	19	11	17

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
10	45	7	12

CROSS SECTIONS
 LINE "A"

DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

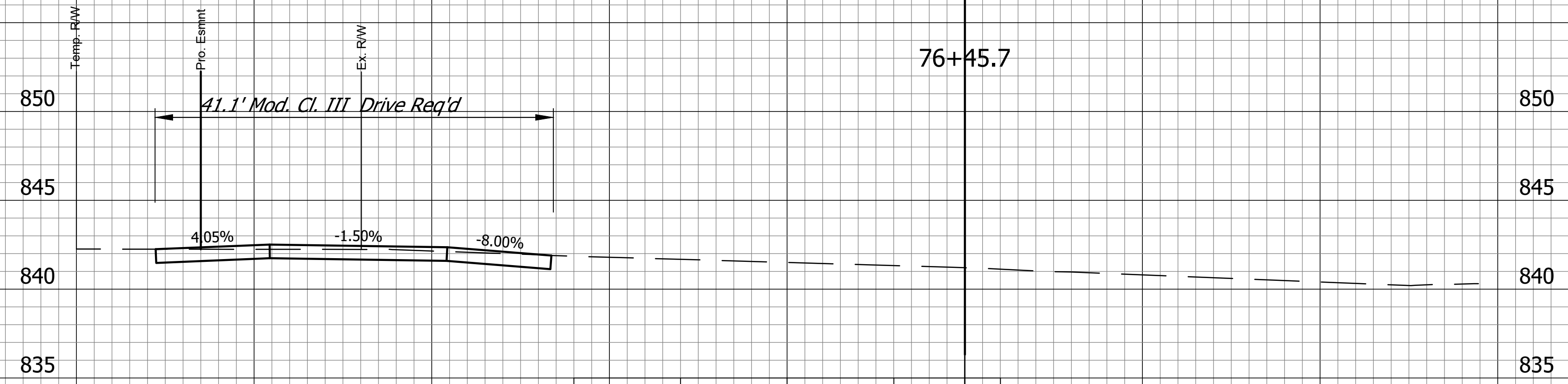
INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 101 OF 109
CONTRACT R-41898	PROJECT 1900405

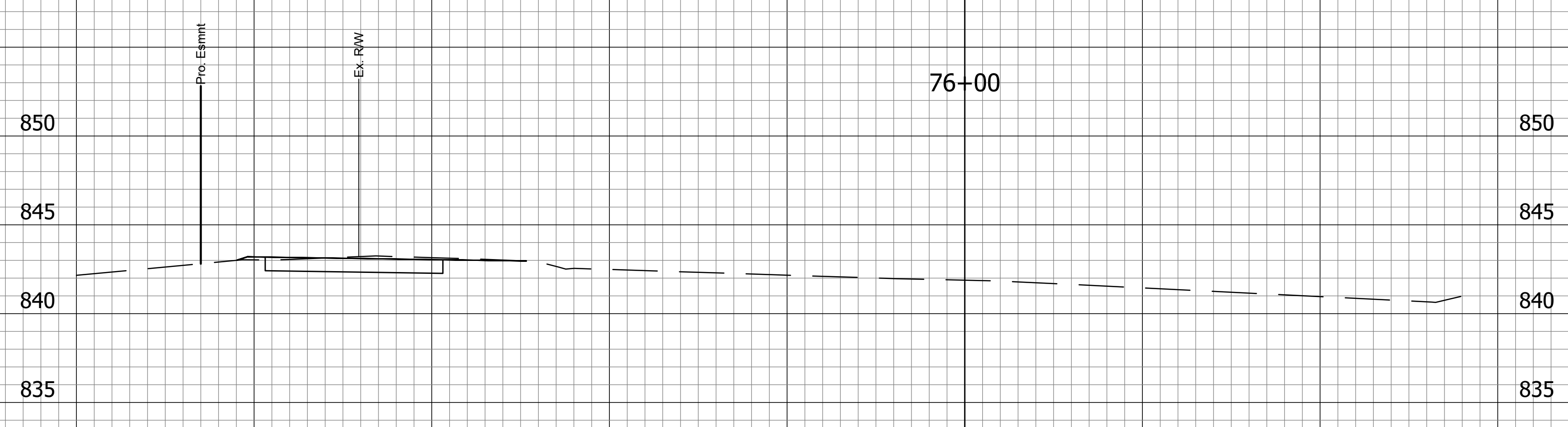
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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
3	10	23	30



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
8	17	13	22

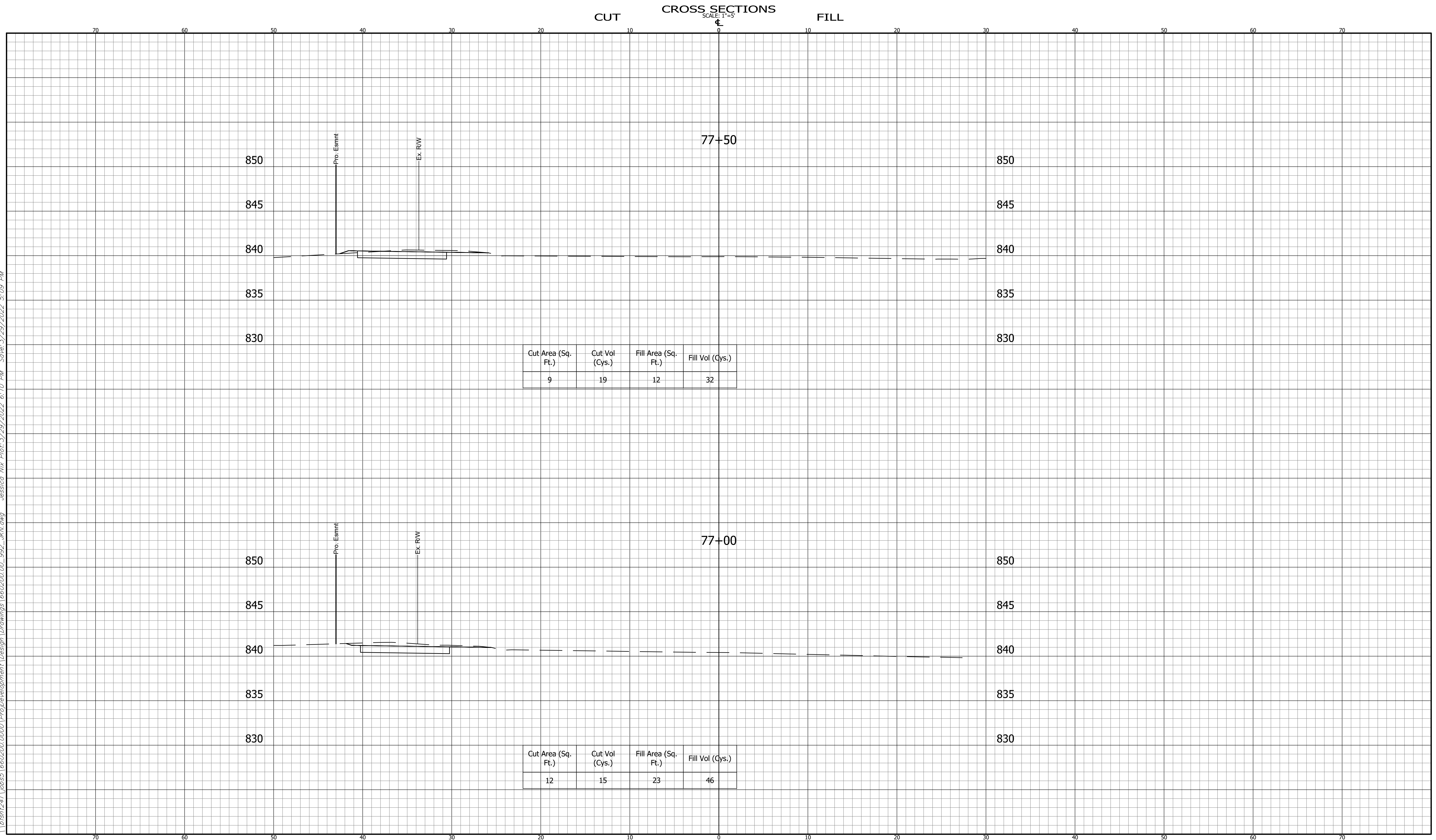
CROSS SECTIONS LINE "A"			
DESIGNED:	DAV	DRAWN:	JDW
CHECKED:	AH	CHECKED:	DAV

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 102 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
 BFS NO.

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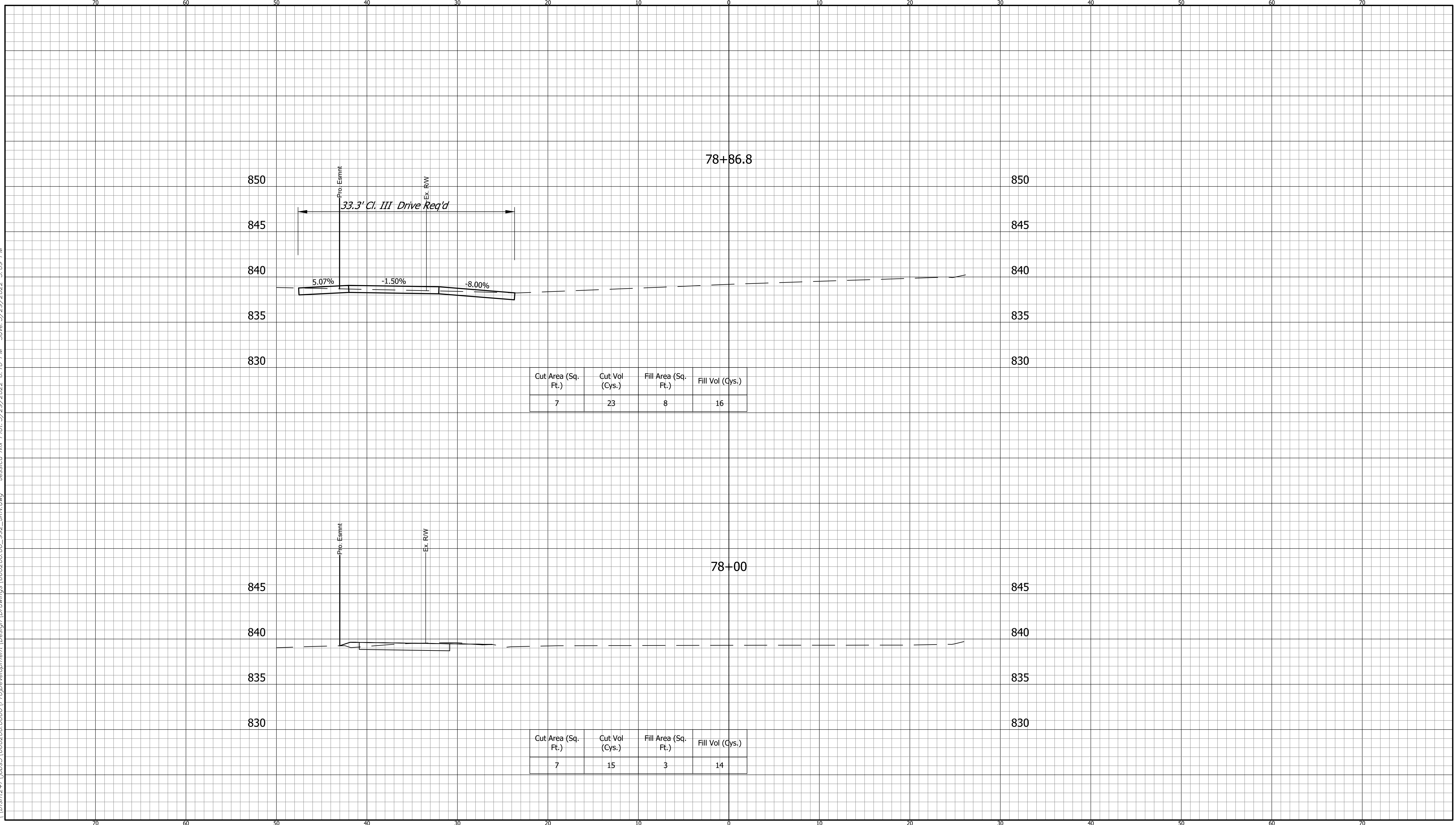


CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV DRAWN: JDW		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH CHECKED: DAV				SURVEY BOOK ELECTRONIC	SHEET 103 OF 109
				CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

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CUT CROSS SECTIONS FILL
 SCALE: 1"=5'



CROSS SECTIONS
 LINE "A"

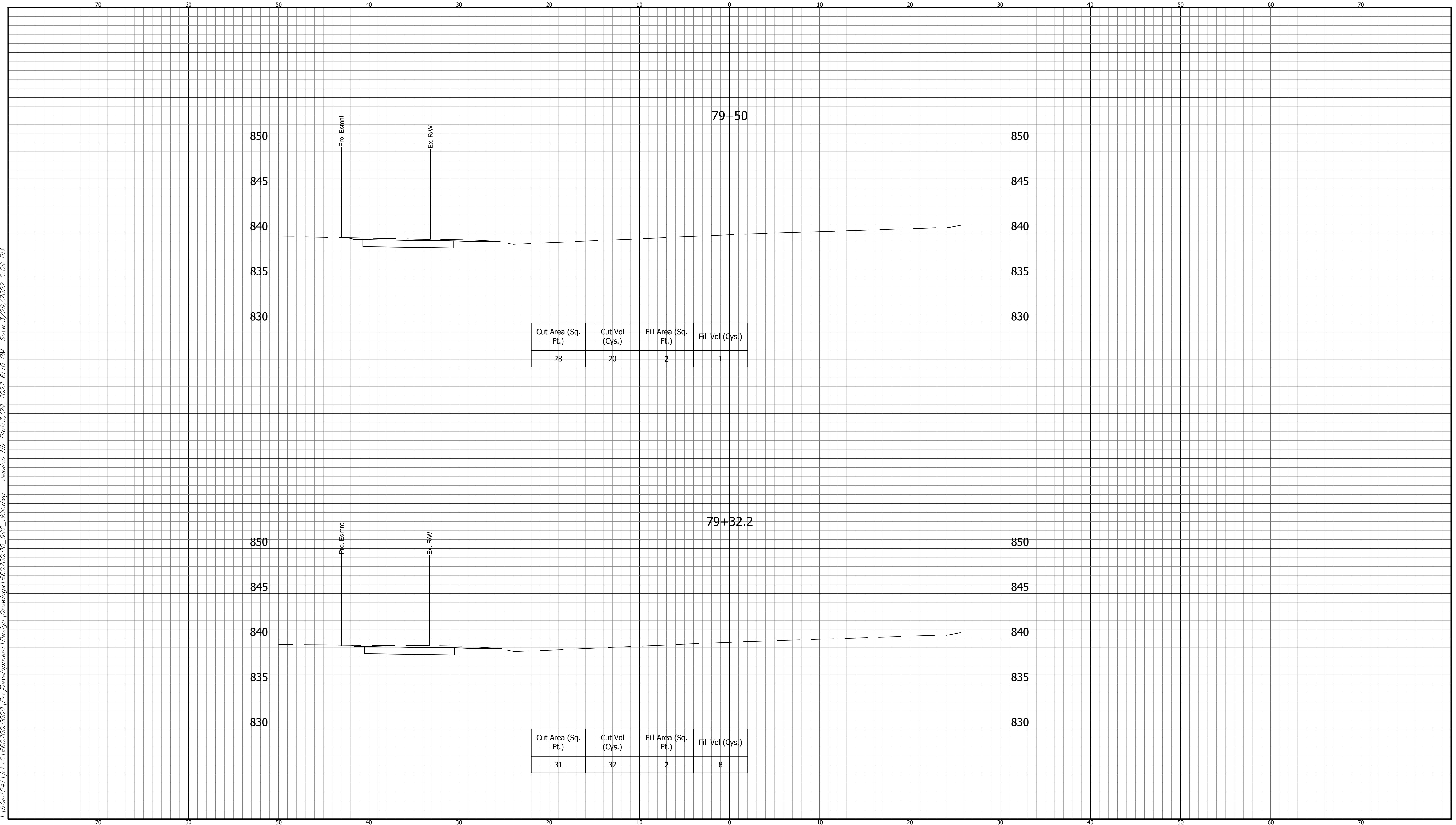
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INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 104 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00

CROSS SECTIONS
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
28	20	2	1

Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
31	32	2	8

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CROSS SECTIONS LINE "A"	
DESIGNED: DAV	DRAWN: JDW
CHECKED: AH	CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION

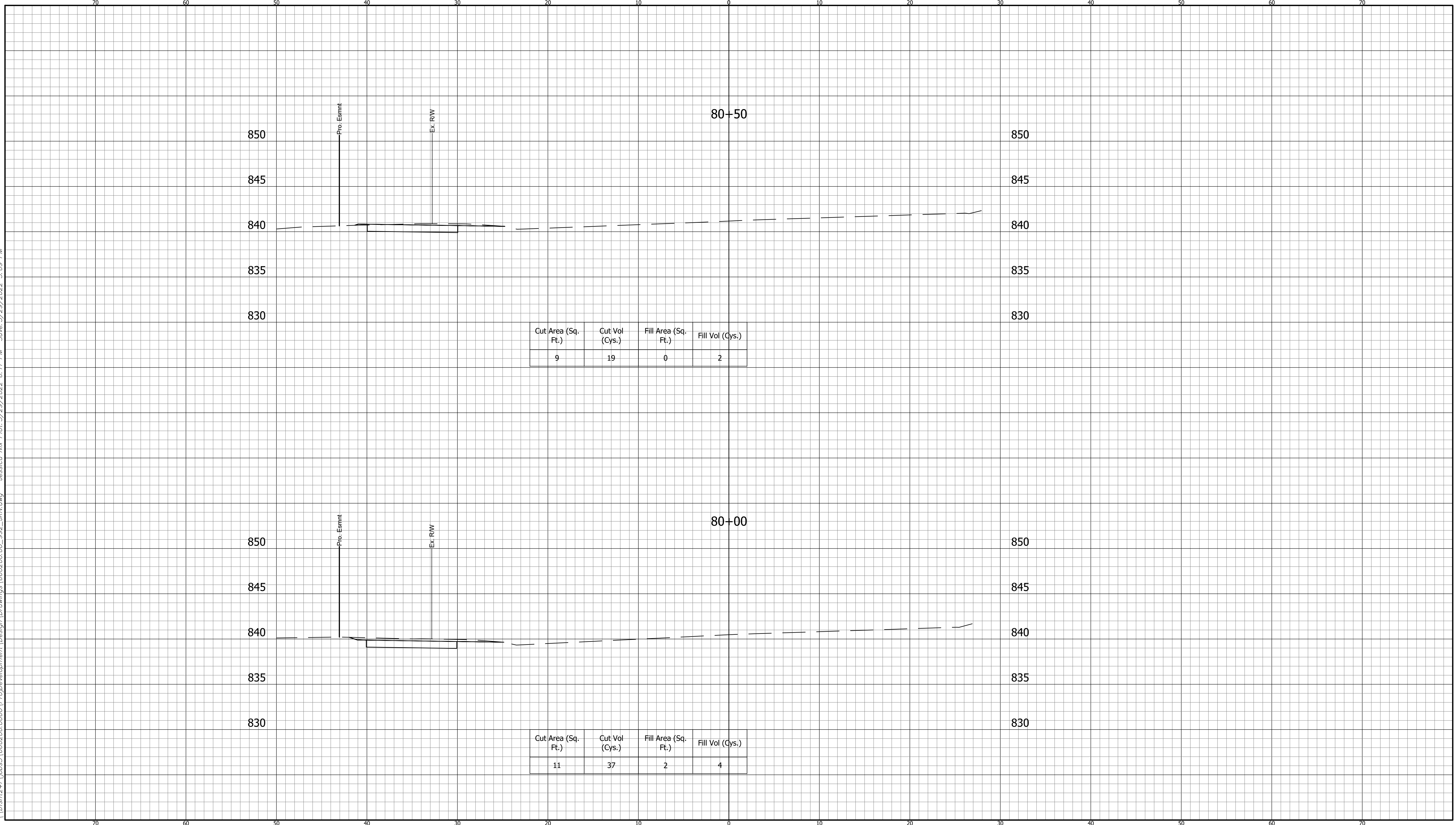
KARST FARM GREENWAY CONNECTOR
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 105 OF 109
CONTRACT R-41898	PROJECT 1900405

660200.00
BFS NO.

I:\660200\660200\0000\ProjDevelopment\Design\Drawings\660200_992_MK\dwg_Jessica Nix Plot: 3/29/2022 6:11 PM Sows: 3/29/2022 5:09 PM

CUT CROSS SECTIONS FILL
SCALE: 1"=5'



**CROSS SECTIONS
LINE "A"**

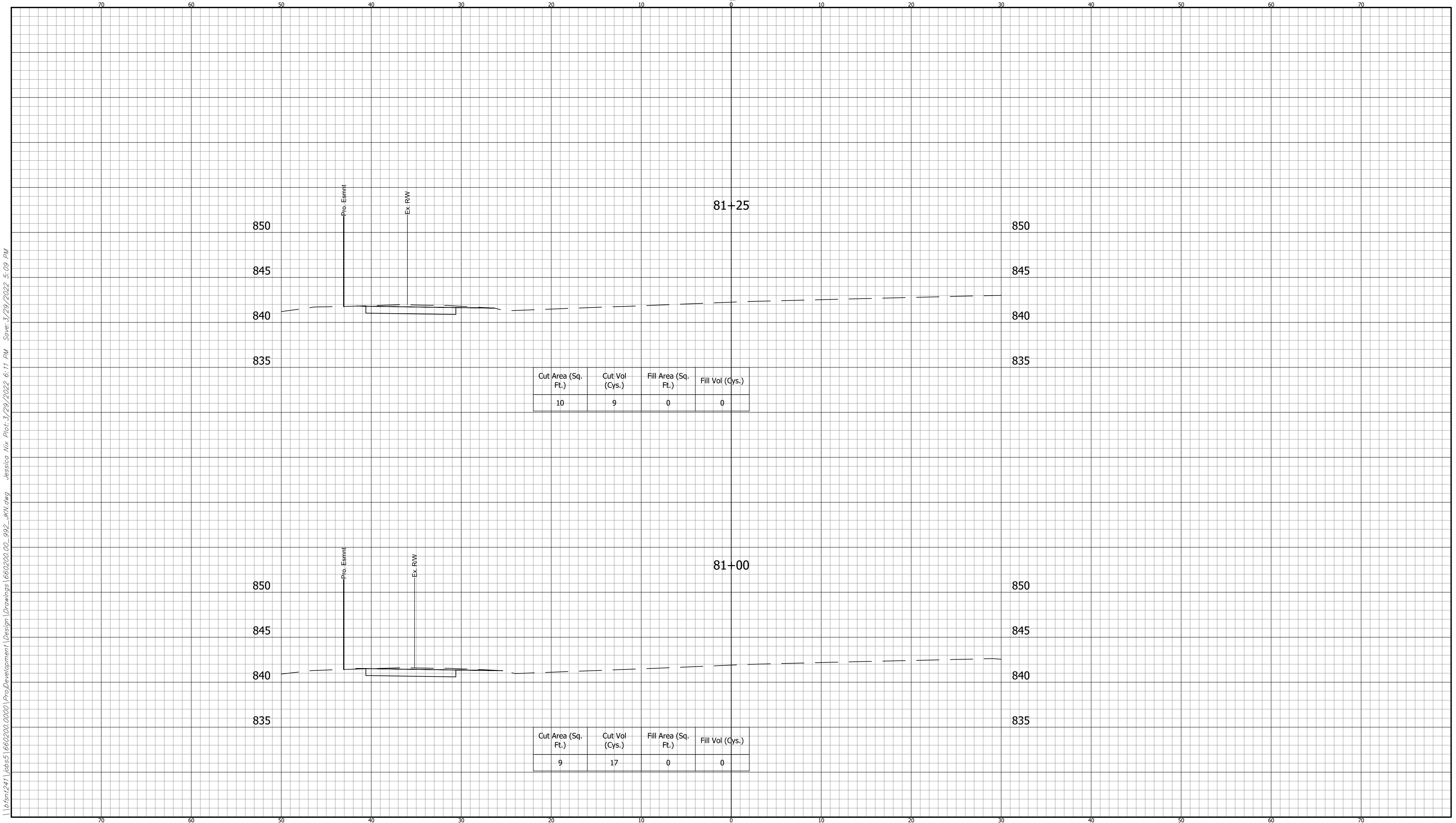
DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

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 DEPARTMENT OF TRANSPORTATION
**KARST FARM GREENWAY CONNECTOR
 CROSS SECTIONS**

<small>HORIZONTAL SCALE</small> 1" = 5'	<small>BRIDGE FILE</small> ----
<small>VERTICAL SCALE</small> 1" = 5'	<small>DESIGNATION</small> 1900405
<small>SURVEY BOOK</small> ELECTRONIC	<small>SHEET</small> 106 OF 109
<small>CONTRACT</small> R-41898	<small>PROJECT</small> 1900405

660200.00
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CUT CROSS SECTIONS FILL
SCALE: 1"=5'



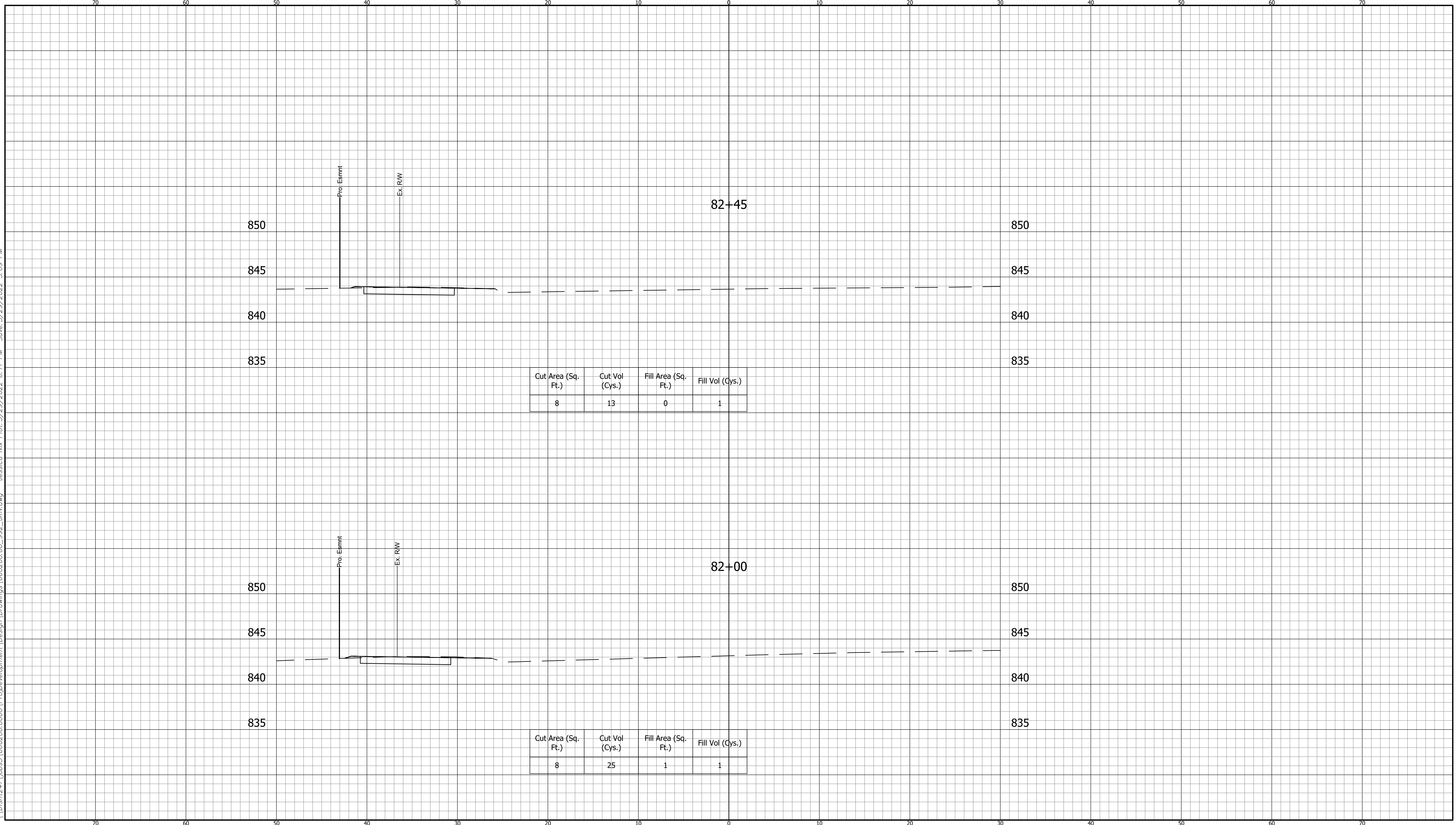
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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE ----
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1900405
CHECKED: AH	CHECKED: DAV			SURVEY BOOK ELECTRONIC	SHEET 107 OF 109
				CONTRACT R-41898	PROJECT 1900405

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BFS NO.

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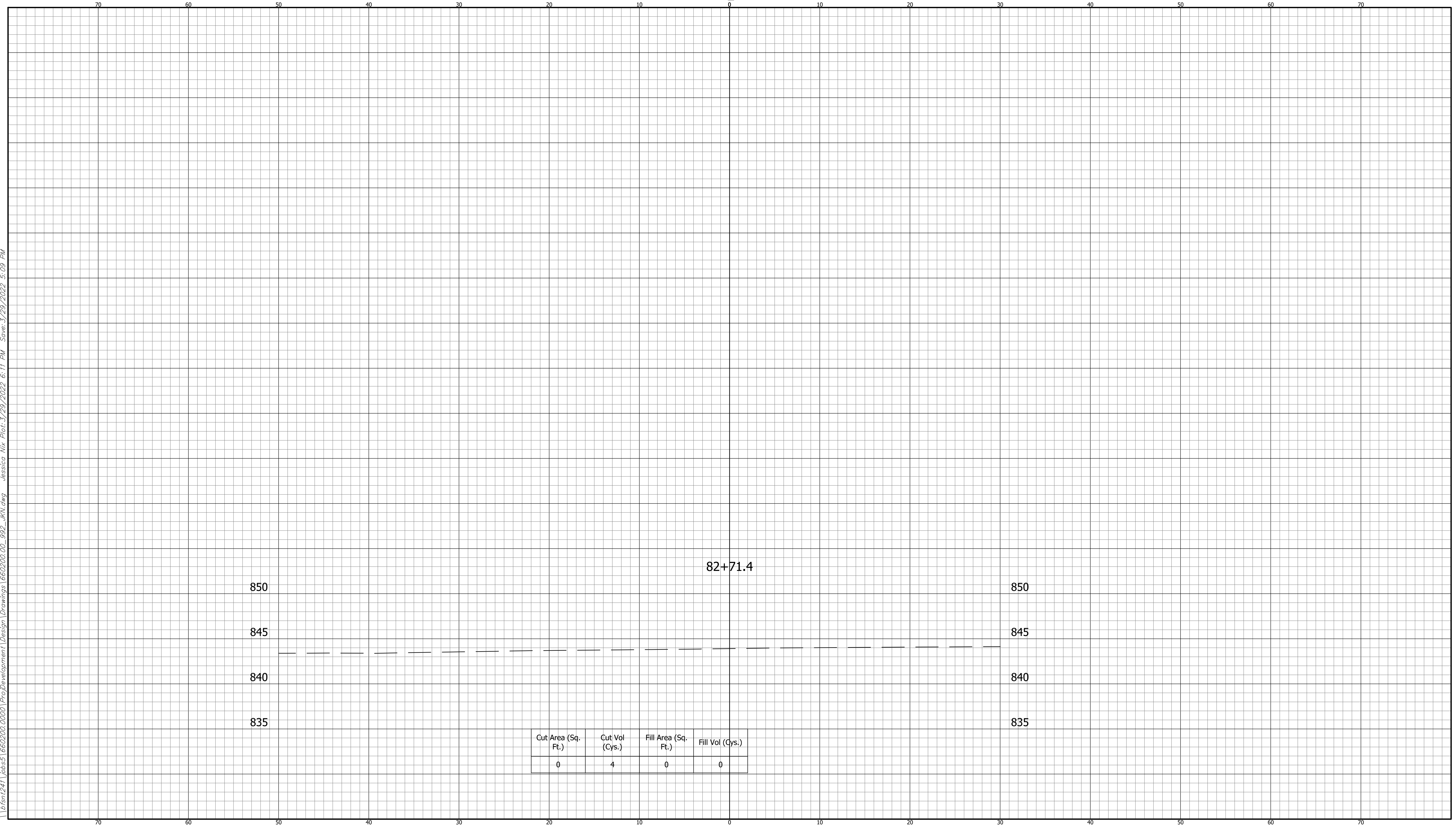
CUT CROSS SECTIONS FILL
SCALE: 1"=5'



CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	<small>HORIZONTAL SCALE 1" = 5'</small>	<small>BRIDGE FILE ----</small>
<small>DESIGNED: DAV DRAWN: JDW</small>		KARST FARM GREENWAY CONNECTOR CROSS SECTIONS	<small>VERTICAL SCALE 1" = 5'</small>	<small>DESIGNATION 1900405</small>
<small>CHECKED: AH CHECKED: DAV</small>			<small>SURVEY BOOK ELECTRONIC</small>	<small>SHEET 108 OF 109</small>
			<small>CONTRACT R-41898</small>	<small>PROJECT 1900405</small>

BFS NO. 660200.00

CUT CROSS SECTIONS FILL
SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol (Cys.)	Fill Area (Sq. Ft.)	Fill Vol (Cys.)
0	4	0	0

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CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE ---- DESIGNATION 1900405
DESIGNED: DAV	DRAWN: JDW	KARST FARM GREENWAY CONNECTOR CROSS SECTIONS		SURVEY BOOK ELECTRONIC SHEET 109 OF 109 CONTRACT R-41898 PROJECT 1900405
CHECKED: AH	CHECKED: DAV			BFS NO. 660200.00