

DESIGNATION
2200046
CONTRACT
R-44685

INDIANA DEPARTMENT OF TRANSPORTATION

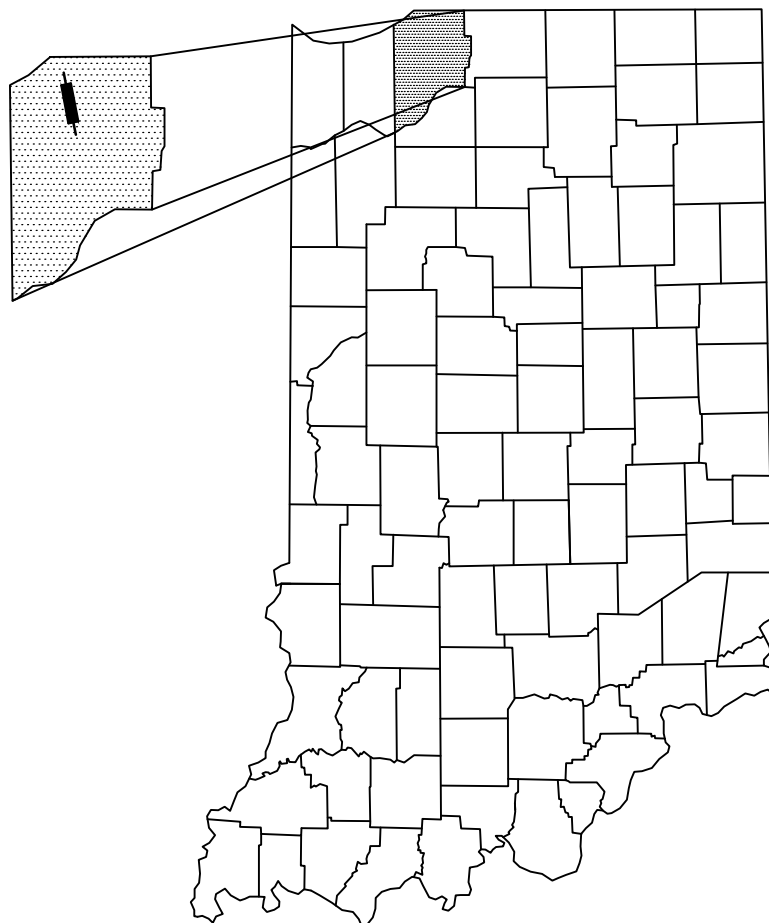


ROAD PLANS

ROUTE: U.S. 35 FROM: RP 200+08 TO: RP 200+10
DESIGNATION NO. 2200046

Intersection Improvement At The Intersection Of U.S. 35 & Johnson/Severs Rd. Project Located in Section 22, Township 37 N., Range 3 W. Within Center Township Of LaPorte County, Indiana

TRAFFIC DATA	U.S. 35 (N. of RAB)	U.S. 35 (S. of RAB)	Severs Rd.	Johnson Rd.
A.A.D.T. (2027)	10,945 V.P.D.	17,242 V.P.D.	4,447 V.P.D.	11,342 V.P.D.
A.A.D.T. (2047)	12,491 V.P.D.	19,185 V.P.D.	4,578 V.P.D.	11,919 V.P.D.
D.H.V. (2047)	1,138 V.P.H.	1,698 V.P.H.	449 V.P.H.	1,067 V.P.H.
DIRECTIONAL DISTRIBUTION	49.67 %	49.55 %	47.24 %	49.02 %
TRUCKS	5.66 % A.A.D.T. 3.20 % D.H.V.	3.80 % A.A.D.T. 2.83 % D.H.V.	4.15 % A.A.D.T. 3.46 % D.H.V.	1.77 % A.A.D.T. 0.87 % D.H.V.
DESIGN DATA				
DESIGN SPEED	45mph	35mph	40mph	35mph
PROJECT DESIGN CRITERIA	4R Non-Freeway	4R Non-Freeway	4R Non-Freeway	4R Non-Freeway
FUNCTIONAL CLASSIFICATION	Principal Arterial	Principal Arterial	Major Collector	Minor Arterial
RURAL/URBAN	Urban - Suburban	Urban - Suburban	Urban - Suburban	Urban - Suburban
TERRAIN	Level	Level	Level	Level
ACCESS CONTROL	None	None	None	None



PROJECT LOCATION SHOWN BY
LAPORTE COUNTY

BEGIN:
LATITUDE: 41°38'30"N LONGITUDE: 86°44'48"W
END:
LATITUDE: 41°38'16"N LONGITUDE: 86°44'46"W

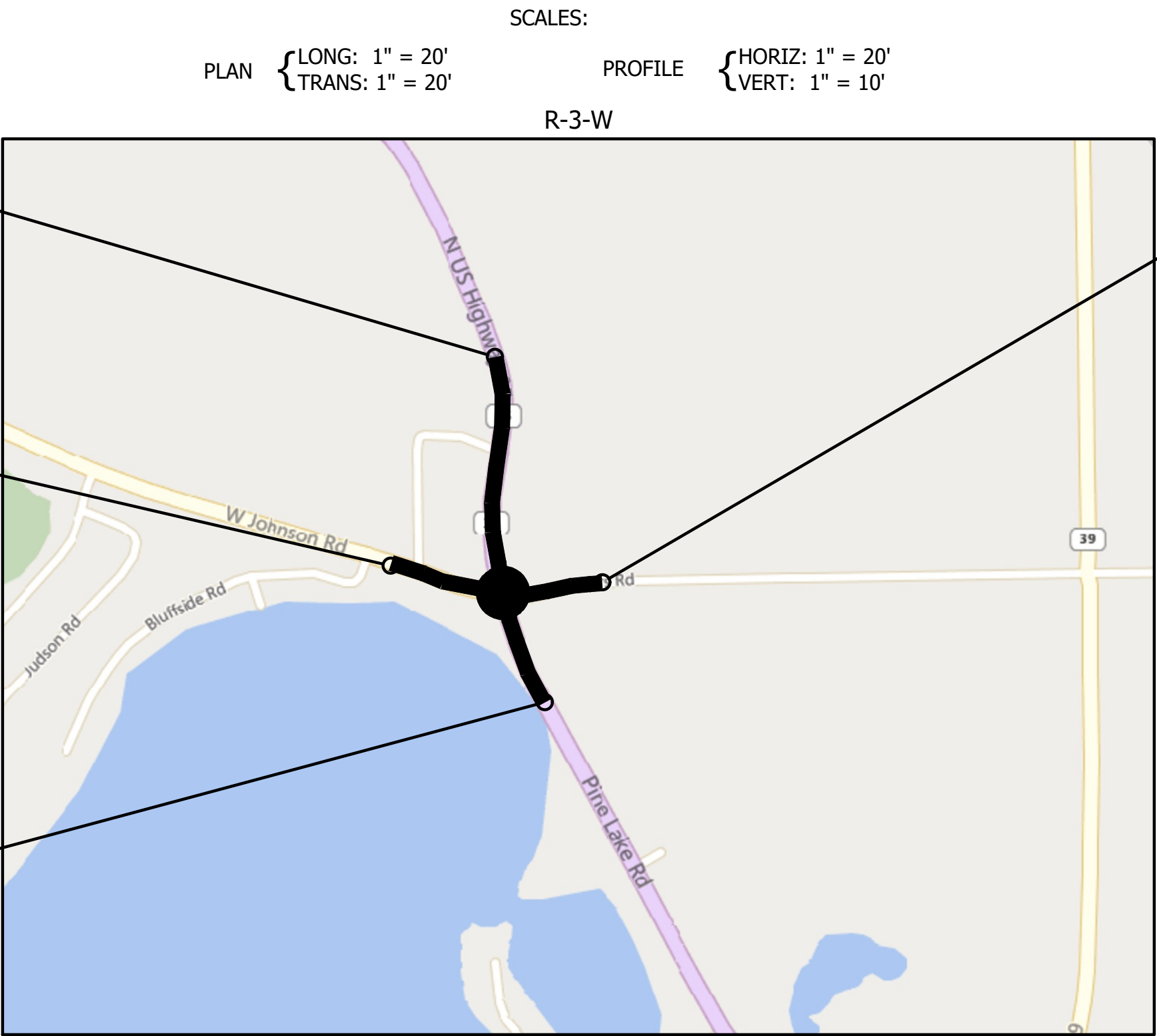
GROSS LENGTH: 0.27 MI.
NET LENGTH: 0.22 MI.
MAX. GRADE: 4.49 %

HUC: 071200010403

END PROJECT
P.O.T. Sta. 140+50.00 "PR-A-2" =
O.P.O.T. Sta. 140+49.87 "A",
2.73' Rt.

BEGIN CONSTRUCTION
P.O.T. Sta. 15+96.93 "PRC" =
O.P.O.T. Sta. 15+96.92 "C",
0.06' Rt.

BEGIN PROJECT
P.O.T. Sta. 128+69.42 "A"



VICINITY MAP
LAPORTE COUNTY

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



DESIGNATION
2200046
SHEET
1 OF 66
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R-44685

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD
SPECIFICATIONS DATED 2026 TO BE USED WITH THESE PLANS.

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UTILITIES

ELECTRIC: NIPSCO 801 E. 86th Ave. Merrillville, IN 46410 Contact: Ryan Vespo Ph: 219-809-7009 email: vespo@nisource.com GAS: NIPSCO 1501 W SR 2 LaPorte, IN 46350 Contact: Bridget Rayonec Ph: 219-727-1813 email: brayonec@nisource.com SEWER: Pine Lake Conservancy Dist. P.O. Box 1884 LaPorte, IN 46352-1884 Contact: Lisa Massey Ph: 219-362-0061 email: lisamaddey38@comcast.net Thirty Nine North Conservancy Dist. 2626 N. State Rd. 39 LaPorte, IN 46350 Contact: Susan Knoll Ph: 219-362-3390 email:	WATER City of LaPorte Contact: Brian McDonald email: bmcDonald@cityoflaporte.in.gov COMM.: Automated Data (ACME) 618 Franklin St. Michigan City, IN 46360 Contact: William Ritchey Ph: 219-879-6600 email: BWRichey@adsnet.com Comcast 1920 E. McKinley Ave. Mishawaka, IN 46545 Contact: Kevin Watson email: kevin_watson@comcast.com Surf Broadband 3325 Middlebury Elkhart, IN 46516 Contact: Ian Fisher email: ifisher@surfintern.net.com Frontier Communications 2401 Chicago Street Valparaiso, IN 46383 Contact: Chuck McKean Ph: 219-531-6947 email: chuck.mckean@ftr.com
WASTEWATER: City of LaPorte Contact: Jerry Jackson email: jjackson@cityoflaporte.in.gov	

GENERAL NOTES

	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. 00+00 and Sta. 00+00 shall be removed as directed.
	The quantity of Peat "Excavation" as shown on the plans has been estimated on the basis of theoretical cross-sections by using treatment of existing fills, treatment by removal, or treatment by displacement where each treatment applies.
	Contractor shall verify the existing flowline elevation to set appropriate sump depth.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

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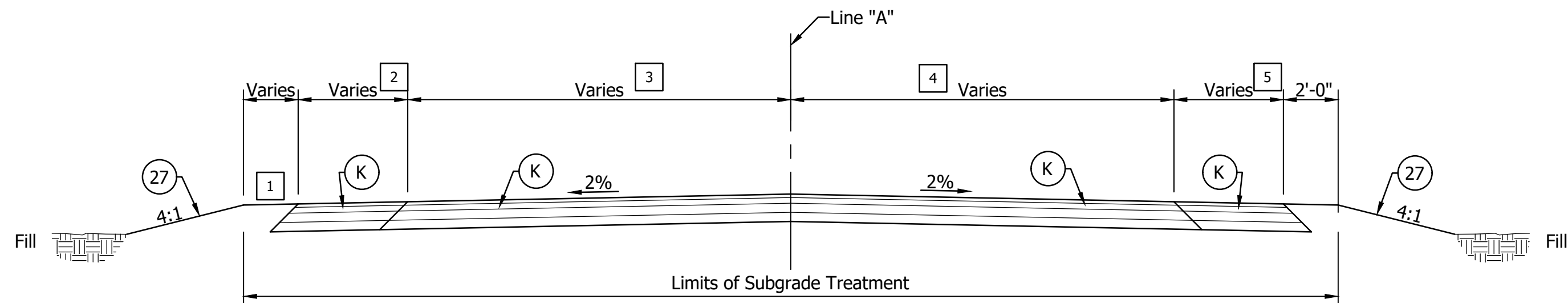
REVISIONS

[illegible]

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	SCALE NONE		BRIDGE FILE	
						DESIGNATION 2200046	
DESIGNED: _____ SHH _____		DRAWN: _____ BEH _____				SHEET	
						2 OF 66	
CHECKED: _____ LV _____		CHECKED: _____ AML _____				CONTRACT	
						R-44685	

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- 1 Varies 2'-0" to 3'-0" from 128+49.42 to 128+69.42 "A"
Varies 2% to 5% from 128+49.42 to 128+69.42 "A"
- 2 Varies 4'-8" to 4'-6" from 128+49.42 to 128+69.42 "A"
- 3 Varies 12'-4" to 12'-0" from 128+49.42 to 128+69.42 "A"



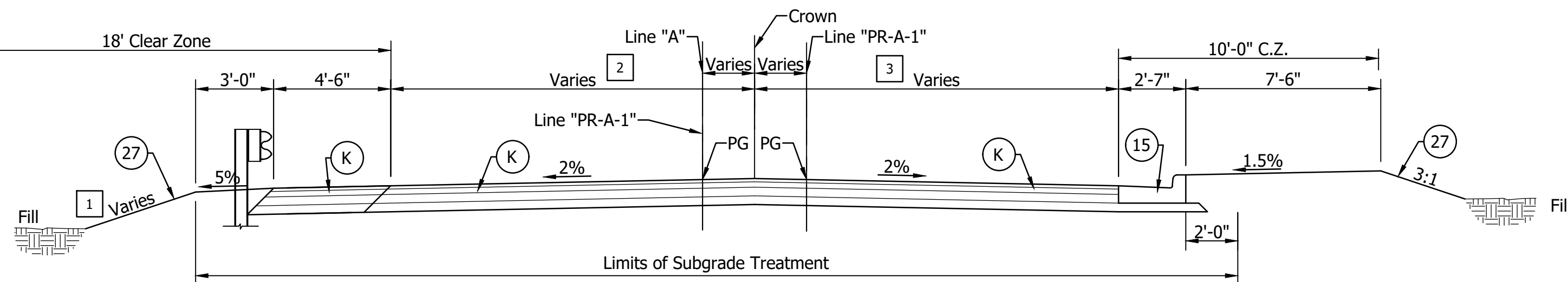
- 4 Varies 13'-1" to 12'-0" from 128+49.42 to 128+69.42 "A"
- 5 Varies 3'-0" to 4'-0" from 128+49.42 to 128+69.42 "A"

TYPICAL CROSS SECTION - U.S. 35 INCIDENTAL

Scale: 1/4" = 1'-0"

Sta. 128+49.42 "A" to Sta. 128+69.42 "A"

- 1 4:1 from 128+69.42 "A" to 129+12.5 "PR-A-1"
Varies 4:1 to 2:1 from 129+12.5 to 129+37.5 "PR-A-1"
2:1 from 129+37.5 to 132+05.35 "PR-A-1"
- 2 12'-0" from 128+69.42 "A" to 130+24.32 "PR-A-1"
Varies 12'-0" to 19'-4" from 130+24.32 to 132+05.35 "PR-A-1"



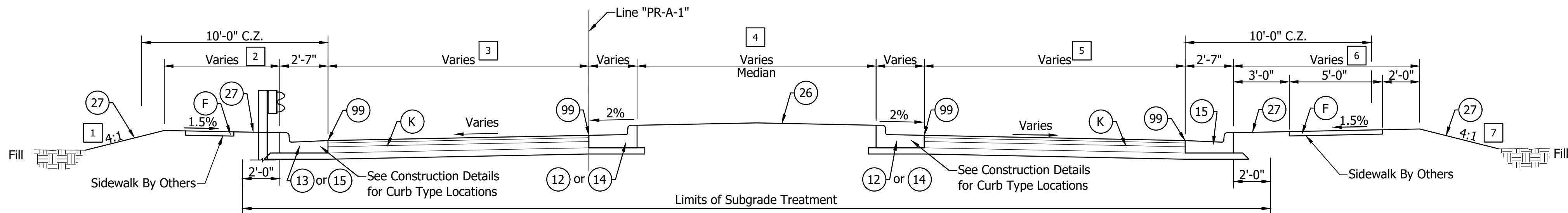
- 3 12'-0" to 12'-4" from 128+69.42 "A" to 129+19.42 "PR-A-1"
Varies 12'-4" to 37'-4" from 129+12.50 to 132+05.35 "PR-A-1"

TYPICAL CROSS SECTION - U.S. 35

Scale: 1/4" = 1'-0"

Sta. 128+69.42 "A" to Sta. 132+05.35 "PR-A-1"

- 1 Varies 2:1 to 4:1 from 132+05.35 to 132+37.50 "PR-A-1"
- 2 3'-6" from 132+05.35 to 134+37.50 "PR-A-1"
Varies 3'-6" to 10'-0" from 134+37.50 to 134+50.00 "PR-A-1"
10'-0" from 134+50.00 to 135+01.66 "PR-A-1"
- 3 Varies 23'-9" to 37'-0" from 132+05.35 to 135+01.66 "PR-A-1"
- 4 Varies 16'-10" to 4'-10" from 132+16.34 to 134+06.25 "PR-A-1"
Varies 4'-10" to 45'-7" from 134+06.25 to 135+01.66 "PR-A-1"

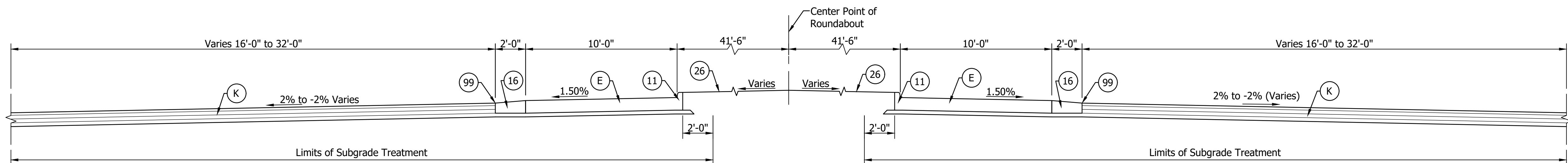


- 5 Varies 16'-7" to 32'-0" from 132+05.35 to 135+01.66 "PR-A-1"
- 6 7'-6" from 132+05.35 to 133+77.56 "PR-A-1"
Varies 7'-6" to 10'-0" from 133+77.56 to 133+87.50 "PR-A-1"
10'-0" from 133+87.50 to 135+01.66 "PR-A-1"
- 7 3:1 from 132+05.35 to 133+77.56 "PR-A-1"
Varies 3:1 to 4:1 from 133+77.56 to 133+87.50 "PR-A-1"
4:1 from 133+87.50 to 135+01.66 "PR-A-1"

TYPICAL CROSS SECTION - SPLITTER ISLAND - US. 35

Scale: 1/4" = 1'-0"

Sta. 132+05.35 "PR-A-1" to Sta. 135+01.66 "PR-A-1"



TYPICAL CROSS SECTION - ROUNDABOUT

Scale: 1/4" = 1'-0"

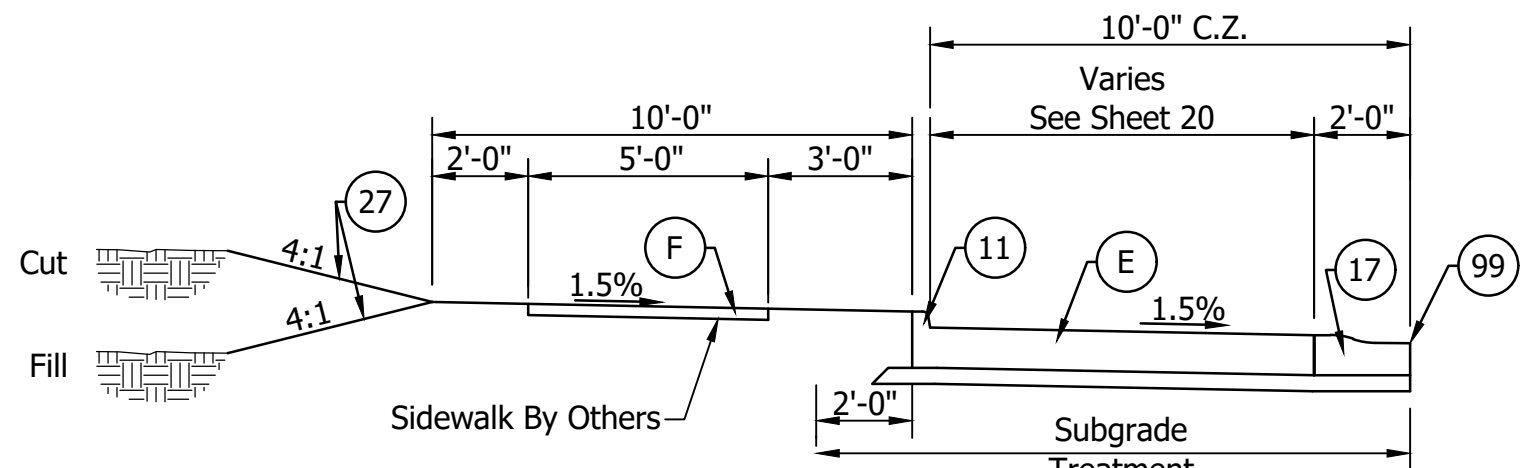
Radial Around Center Point @ 135+70.55 "A", 38.94' Rt.

LEGEND

- (E) Conc. Truck Apron:
(Pvmnt. Design To Be Provided
At Next Submittal)
- (F) Conc. Sidewalk, 4"
- (K) HMA Pavement:
(Pvmnt. Design To Be Provided
At Next Submittal)
- (11) Curb, Integral Concrete
- (12) 2'-8" Combined Conc. Curb & Gutter, Mod.
- (13) Concrete Curb, Typ. "B"
- (14) 2'-7" Combined Conc. Curb & Gutter, Mod.
- (15) 2'-7" Combined Conc. Curb & Gutter
- (16) Curb & Gutter, Conc., Modified
- (26) Sodding
- (27) Seed Mixture, U
- (99) See Sht. 25-29 For Profiles

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE AS SHOWN		BRIDGE FILE	
							DESIGNATION 2200046	
	DESIGNED: _____ AML		TYPICAL CROSS SECTIONS				SHEET 3 OF 66	
	CHECKED: _____ BEH						CONTRACT R-44685	
	DRAWN: _____ GK							
	CHECKED: _____ AML							

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Truck Apron Section

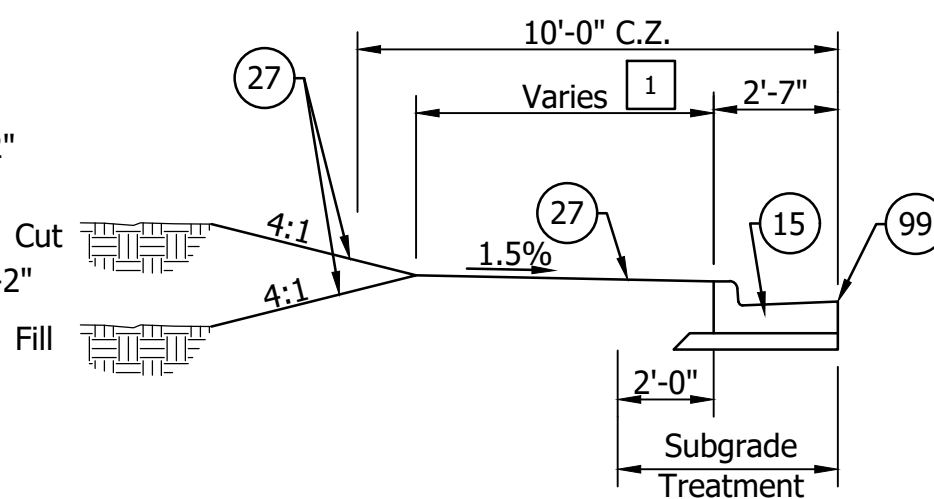
Sta. 136+48.05 "PR-A-2" to Sta. 137+03.15 "PR-A-2"

1 Varies 10'-0" to 5'-0" from 137+19.14 to 137+44.00 "PR-A-2"
5'-0" from 137+44.00 to 139+37.52 "PR-A-2"

2 Varies 17'-7" to 14'-0" 136+48.05 from to 139+37.52
"PR-A-2"

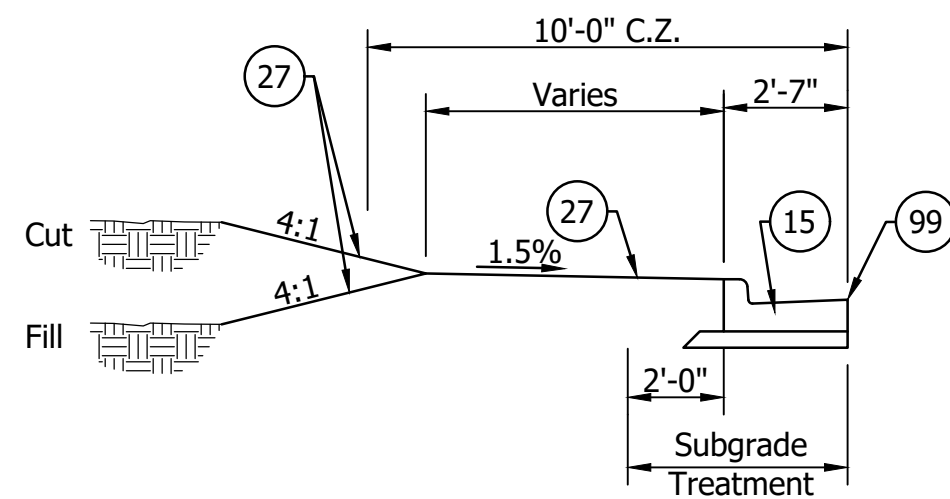
3 Varies 41'-1" to 4'-1" from 136+49.45 to 139+32.44 "PR-A-2"

4 Varies 17'-8" to 12'-0" from 136+48.05 to 139+37.52 "PR-A-2"



Curb/Gutter Section

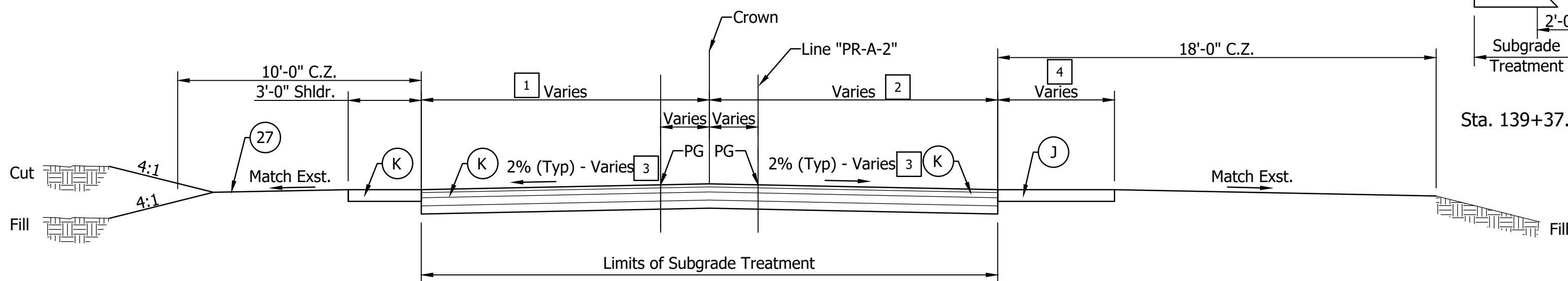
Sta. 137+03.15 "PR-A-2" to Sta. 139+37.52 "PR-A-2"



Curb/Gutter Section

Sta. 139+37.52 "PR-A-2" to Sta. 141+25.74 "PR-A-2"

1 Varies 14'-0" to 24'-0" from 139+37.52 to 142+19.16 "PR-A-2"
Varies 24'-0" to 22'-6" from 142+19.16 to 142+59.95 "PR-A-2"

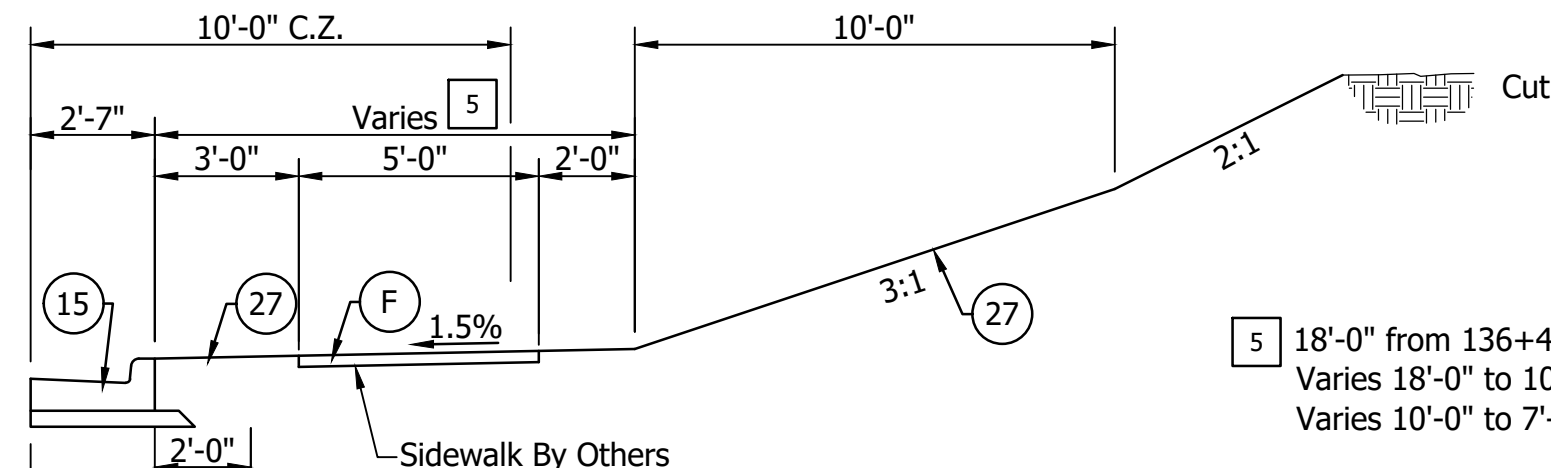


TYPICAL CROSS SECTION INCIDENTAL - U.S. 35

Scale: 1/4" = 1'-0"

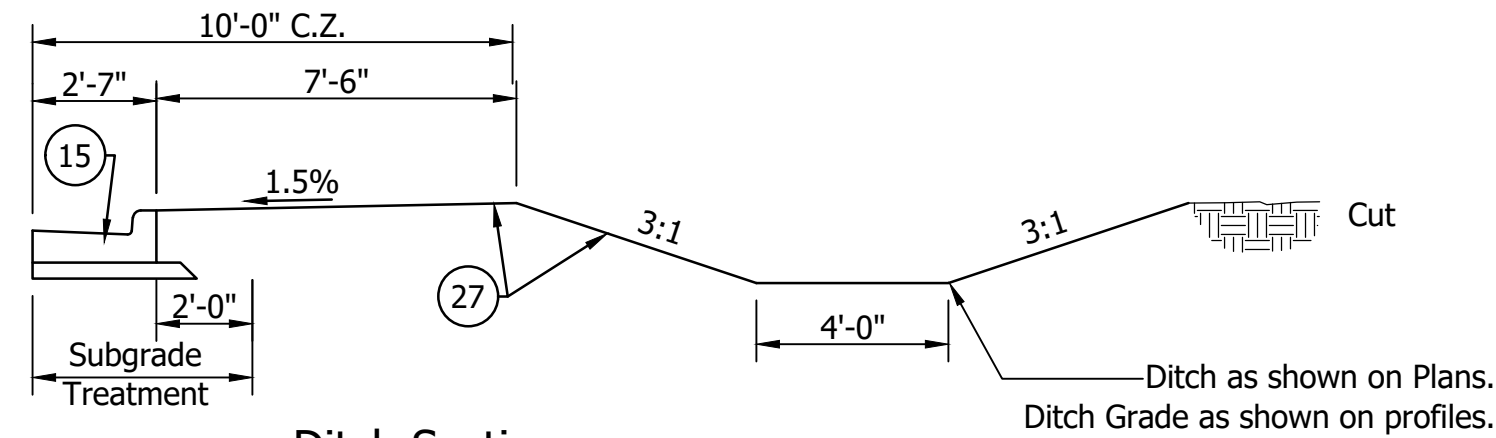
Sta. 139+37.52 "PR-A-2" to Sta. 140+50.00 "PR-A-2"

Sta. 140+50.00 "PR-A-2" to Sta. 142+59.95 "PR-A-2" - INCIDENTAL



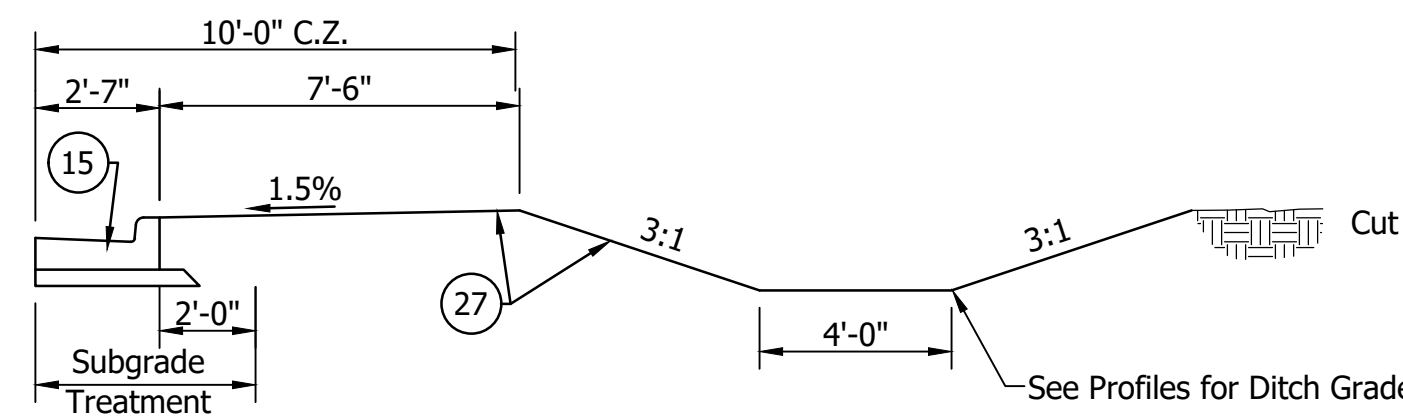
Varying Slope Section

Sta. 136+48.05 "PR-A-2" to Sta. 138+19.00 "PR-A-2"



Ditch Section

Sta. 138+19.00 "PR-A-2" to Sta. 139+37.52 "PR-A-2"



Ditch Section

Sta. 139+37.52 "PR-A-2" to Sta. 139+60.00 "PR-A-2"

2 Varies 12'-0" to 12'-6" from 139+37.52 to 142+19.16 "PR-A-2"
Varies 12'-6" to 14'-6" from 142+19.16 to 142+59.95 "PR-A-2"

3 Crossfall slope varies. See Spot Elevation sheet 32.

4 Varies 8'-2" to 12'-0" from 140+75.00 to 141+50.00 "PR-A-2"
Varies 12'-0" to 11'-6" from 141+50.00 to 142+59.95 "PR-A-2"

LEGEND

- (E) Conc. Truck Apron:
(Pvmnt. Design To Be Provided
At Next Submittal)
- (F) Conc. Sidewalk, 4"
- (J) HMA Shoulder:
(Provided @ Next Submittal)
- (K) HMA Pavement:
(Pvmnt. Design To Be Provided
At Next Submittal)

- (11) Curb, Integral Concrete
- (14) 2'-7" Combined Conc. Curb & Gutter, Mod.
- (15) 2'-7" Combined Conc. Curb & Gutter
- (17) Rolled Curb
- (27) Seed Mixture, U

- (99) See Sht. 25-29 For Profiles

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE AS SHOWN	BRIDGE FILE
	DESIGNED: _____ AML		DRAWN: _____ GK			DESIGNATION 2200046
	CHECKED: _____ BEH		CHECKED: _____ AML			SHEET 4 OF 66
			TYPICAL CROSS SECTIONS			CONTRACT R-44685

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- 1

2:1 from 11+20.00 to 12+96.70 "PRB"
- 2

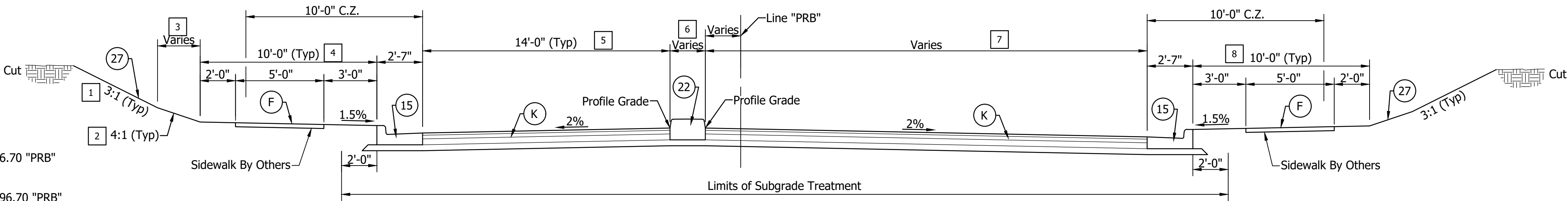
3:1 from 11+20.00 to 12+96.70 "PRB"
- 3

10'-0" from 11+20.00 to 12+96.70 "PRB"
- 4

18'-0" from 11+20.00 to 12+19.31 "PRB"
Varies 18'-0" to 10'-0" from 12+19.31 to 12+96.70 "PRB"
- 5

Varies 17'-11" to 14'-0" from 11+20.00 to 12+96.70 "PRB"
- 6

Varies 24'-9" to 2'-0" from 11+20.00 to 12+96.70 "PRB"



- 7

Varies 17'-1" to 14'-0" from 11+20.00 to 12+96.70 "PRB"
- 8

5'-0" from 12+15.00 to 12+96.70 "PRB"

TYPICAL CROSS SECTION - Severs Rd.

Scale: 1/4" = 1'-0"

Sta. 11+20.00 "PRB" to Sta. 12+96.70 "PRB"

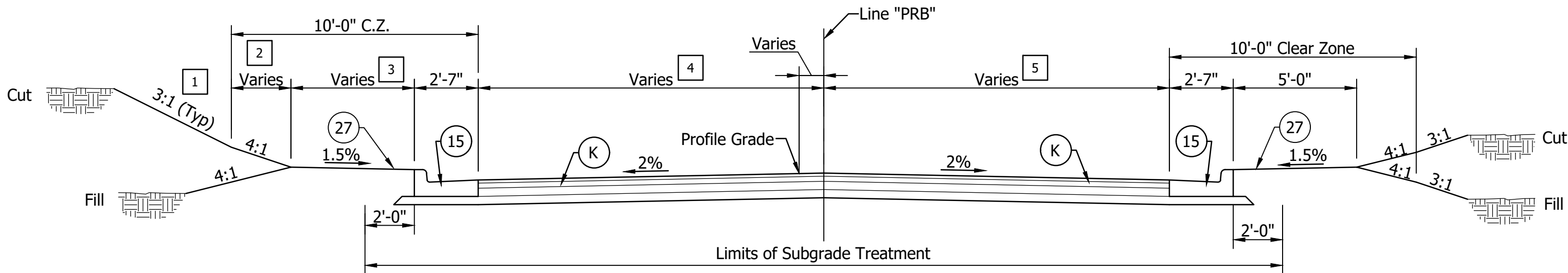
- 1

Varies 2:1 to 3:1 from 12+96.70 to 13+49.89 "PRB"
- 2

Varies 10'-0" to 2'-6" from 12+96.70 to 13+49.89 "PRB"
- 3

Varies 10'-0" to 5'-0" from 12+96.70 to 13+49.89 "PRB"
- 4

Varies 14'-0" to 12'-0" from 12+96.70 to 16+25.00 "PRB"



- 5

Varies 14'-0" to 12'-0" from 12+96.70 to 16+25.00 "PRB"

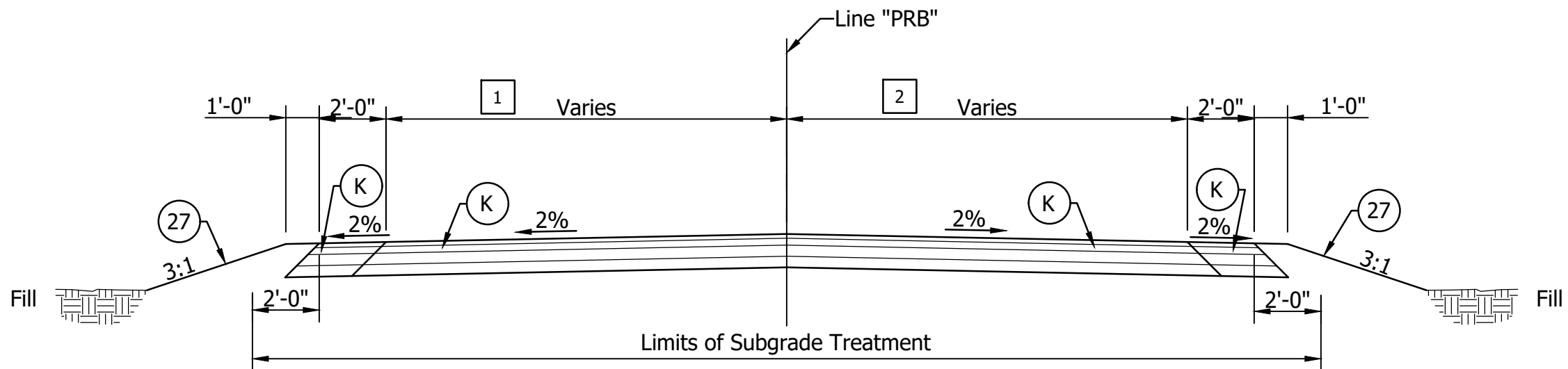
TYPICAL CROSS SECTION - Severs Rd.

Scale: 1/4" = 1'-0"

Sta. 12+96.70 "PRB" to Sta. 16+25.00 "PRB"

- 1

Varies 12'-0" to 11'-11" from 16+25.00 to 16+75.00 "PRB"



- 2

Varies 12'-0" to 11'-10" from 16+25.00 to 16+75.00 "PRB"

TYPICAL CROSS SECTION INCIDENTAL - Severs Rd.

Scale: 1/4" = 1'-0"

Sta. 16+25.00 "PRB" to Sta. 16+75.00 "PRB"

LEGEND

- F

Conc. Sidewalk, 4"
- K

HMA Pavement:
(Pvmnt. Design To Be Provided
At Next Submittal)
- 15

2'-7" Combined Conc. Curb & Gutter
- 22

Conc. Ctr. Curb, Type 'D', Mod.
- 27

Seed Mixture, U

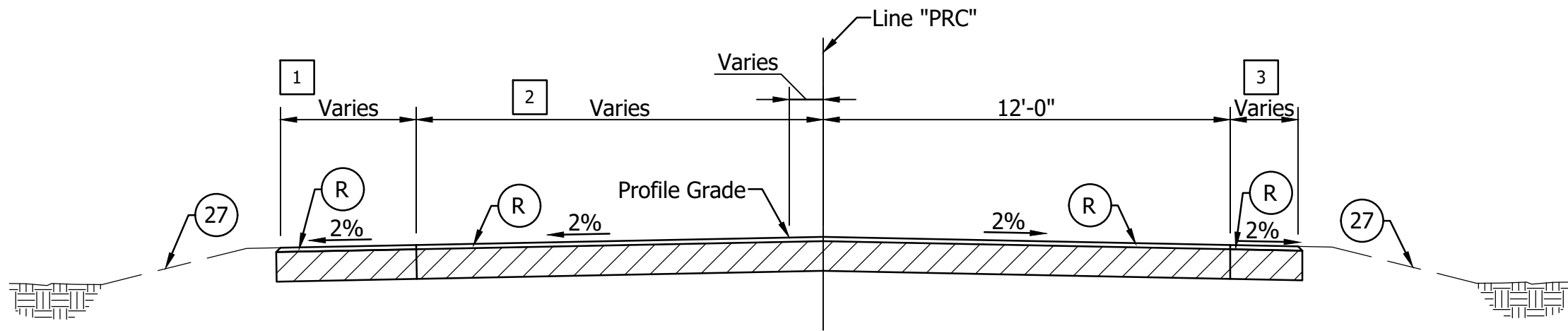
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					DESIGNATION 2200046	
	DESIGNED: _____ AML _____ DRAWN: _____ GK _____					
	CHECKED: _____ BEH _____ CHECKED: _____ AML _____					
			TYPICAL CROSS SECTIONS			

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- 1

Varies 4'-9" to 2'-0" from 15+27.63 to 15+96.93 "PRC"
- 2

12'-0" from 15+27.63 to 15+67.63 "PRC"
Varies 12'-0" to 13'-5" from 15+67.63 to 15+96.93 "PRC"



TYPICAL CROSS SECTION INCIDENTAL - Johnson Rd.

Scale: 1/4" = 1'-0"

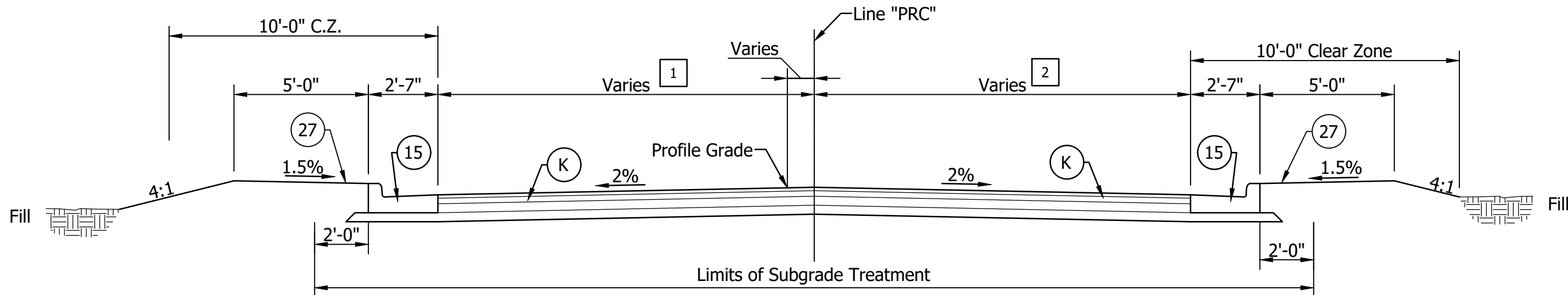
Sta. 15+27.63 "PRC" to Sta. 15+96.93 "PRC"

- 3

Varies 1'-11" to 2'-0" from 15+27.63 to 15+67.63 "PRC"
2'-0" from 15+67.63 to 15+96.93 "PRC"

- 1

Varies 13'-5" to 24'-0" from 15+96.93 to 18+13.63 "PRC"
24'-0" from 18+13.63 to 19+13.63 "PRC"



TYPICAL CROSS SECTION - Johnson Rd.

Scale: 1/4" = 1'-0"

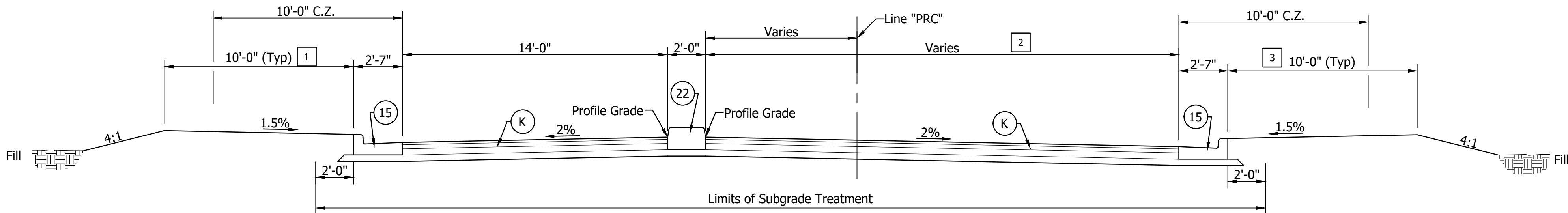
Sta. 15+96.93 "PRC" to Sta. 19+13.63 "PRC"

- 2

12'-0" from 15+96.93 to 16+90.63 "PRC"
Varies 12'-0" to 17'-0" from 16+90.63 to 18+13.63 "PRC"
17'-0" from 18+13.63 to 19+13.63 "PRC"

- 1

5'-0" from 19+13.63 to 19+71.47 "PRC"
Varies 5'-0" to 10'-0" from 19+71.47 to 19+99.69 "PRC"
10'-0" from 19+99.69 to 19+71.47 "PRC"



TYPICAL CROSS SECTION - Johnson Rd.

Scale: 1/4" = 1'-0"

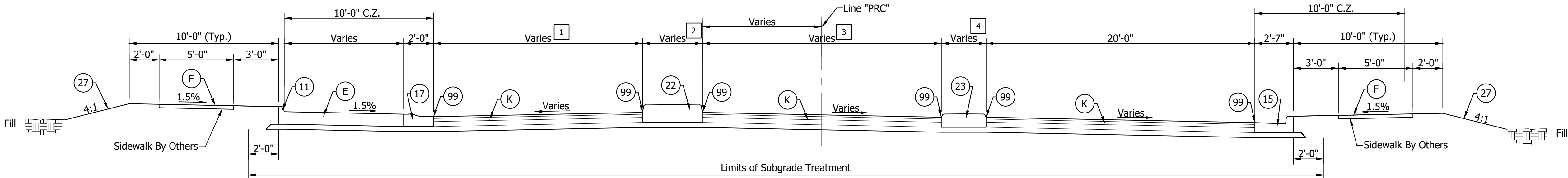
Sta. 19+13.63 "PRC" to Sta. 19+99.69 "PRC"

- 2

Varies 25'-0" to 39'-8" from 19+13.63 to 19+99.69 "PRC"

- 3

5'-0" from 19+13.63 to 19+99.69 "PRC"



- 1

Varies 14'-0" to 16'-10" From 19+99.69 to 20+78.66

- 2

Varies 2'-0" to 31'-9" From 19+99.69 to 20+78.66

- 3

Varies 16'-0" to 20'-0" From 19+99.69 to 20+78.66

- 4

Varies 4'-0" to 9'-2" From 19+99.69 to 20+35.41
Varies 9'-2" to 5'-9" From 20+35.41 to 20+78.66

LEGEND

- E

Conc. Truck Apron:
(Pvmt. Design To Be Provided
At Next Submittal)
- R

Incidental HMA Overlay
Mill & Overlay (Pvmt. Design
to be Provided Next Submittal)
- 11

Curb, Integral Concrete
- 27

Seed Mixture, U
- F

Conc. Sidewalk, 4"
- 15

2'-7" Combined Conc. Curb & Gutter
- 99

See Sht. 25-29 For Profiles
- K

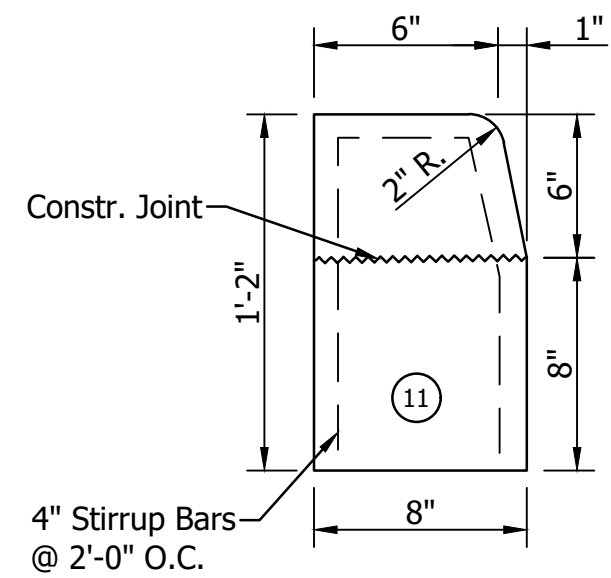
HMA Pavement:
(Pvmt. Design To Be Provided
At Next Submittal)
- 17

Rolled Curb
- 22

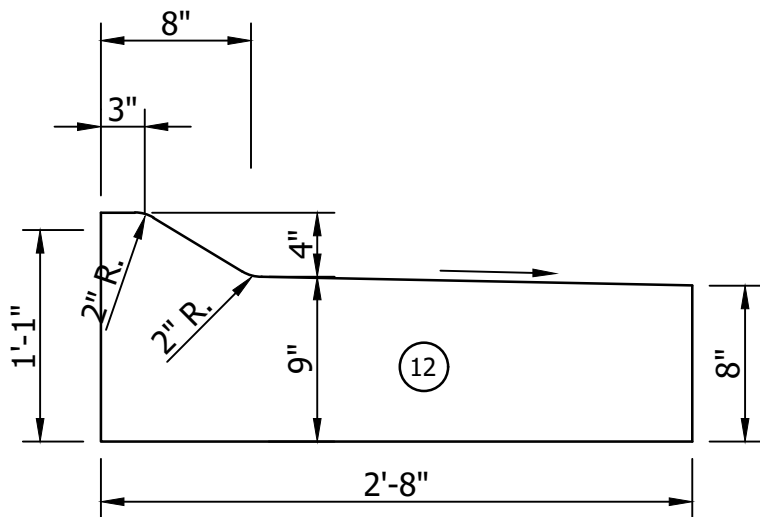
Conc. Ctr. Curb, Type 'D', Mod.
- 23

Conc. Ctr. Curb, Type 'D', Mod.

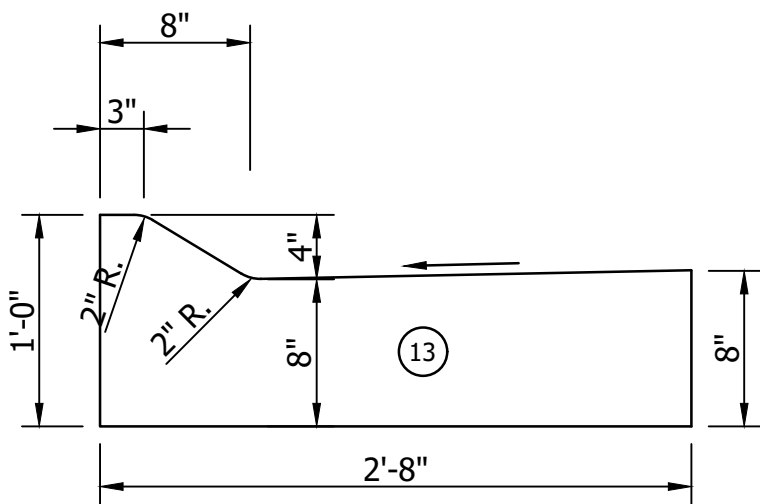
	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	SCALE AS SHOWN		BRIDGE FILE	
						DESIGNATION 2200046	
	DESIGNED: _____ AML DRAWN: _____ GK		TYPICAL CROSS SECTIONS			SHEET 6 OF 66	
	CHECKED: _____ BEH CHECKED: _____ AML					CONTRACT R-44685	



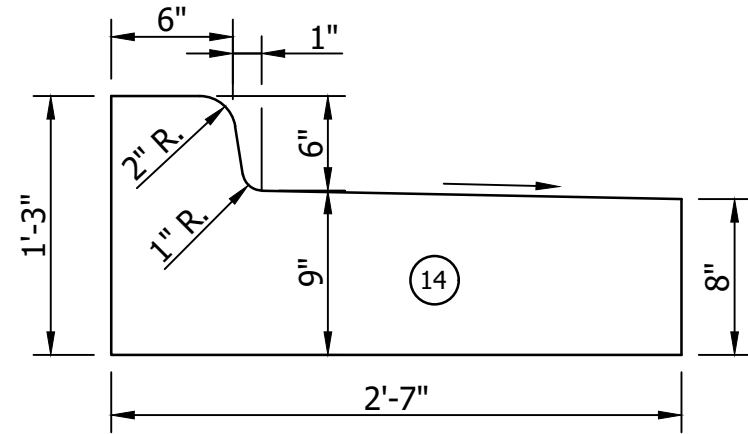
INTEGRAL CONCRETE CURB, TYPE 'B'
Not to Scale



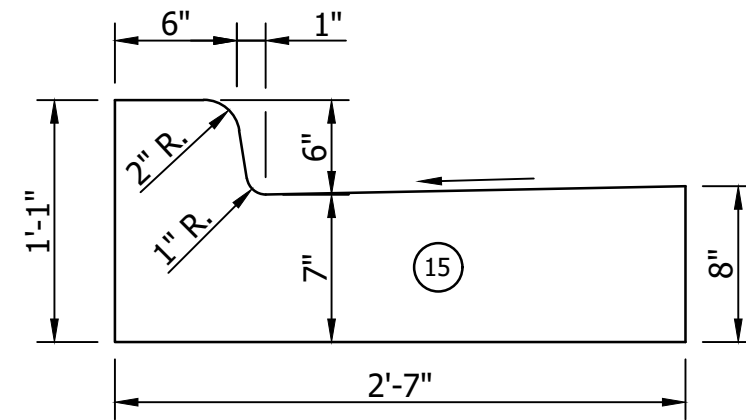
COMBINED CONCRETE CURB AND GUTTER
MODIFIED, INVERTED, TYPE B (SLOPING)
Not to Scale



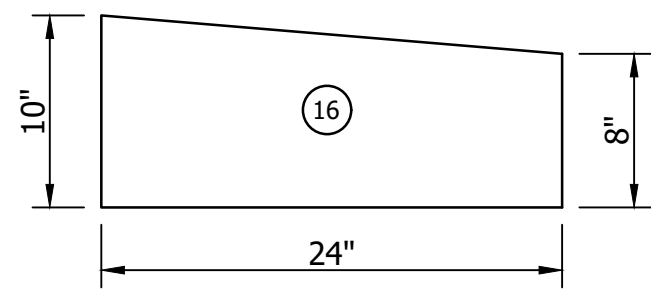
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TYPE B (SLOPING)
Not to Scale



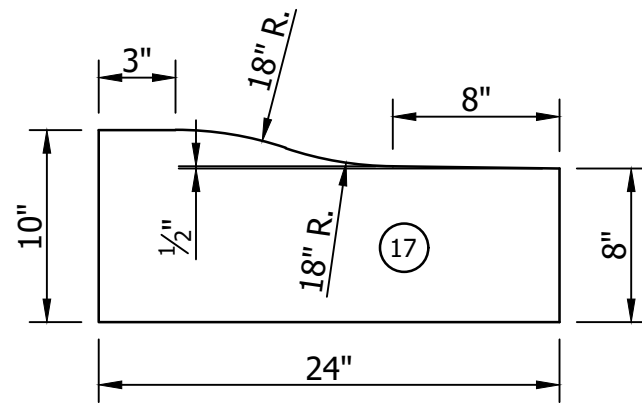
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MODIFIED, INVERTED (VERTICAL)
Not to Scale



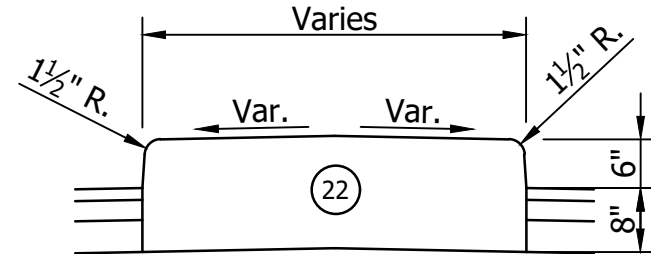
COMBINED CONCRETE
CURB & GUTTER (VERTICAL)
Not to Scale



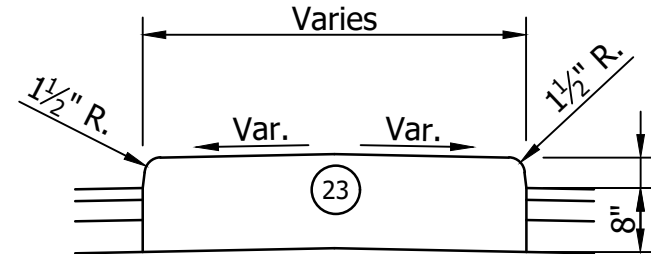
CONCRETE
CURB AND GUTTER, MODIFIED
Not to Scale



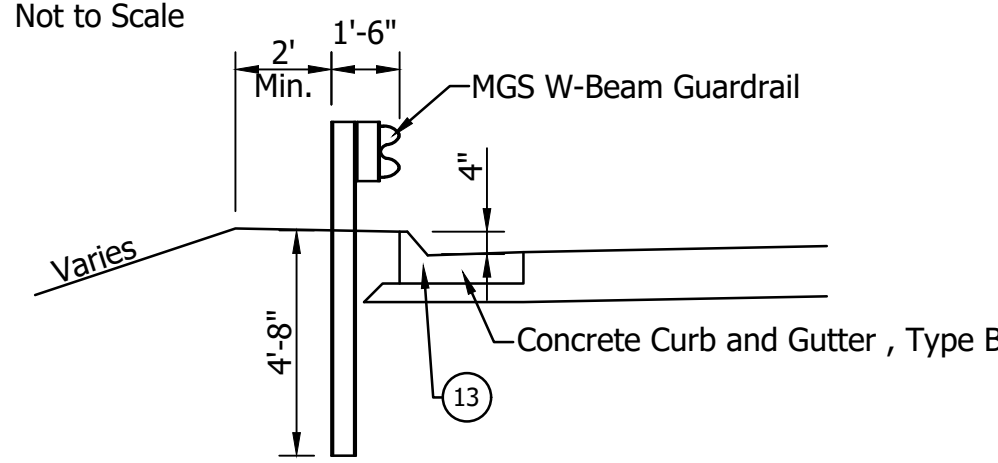
ROLLED CURB (SLOPING)
Not to Scale



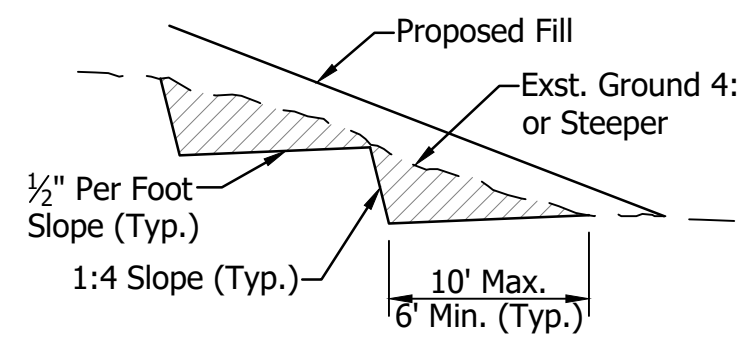
CONCRETE CENTER CURB
TYPE 'D', MODIFIED - 6"
Not to Scale



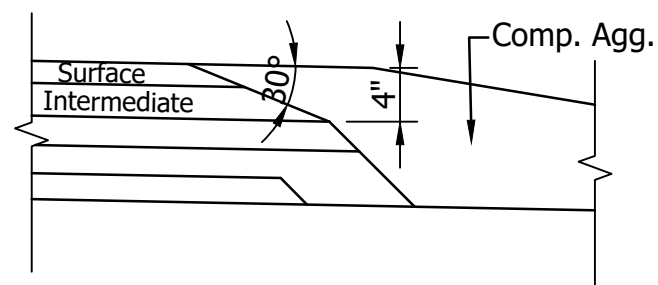
CONCRETE CENTER CURB
TYPE 'D', MODIFIED - 4"
Not to Scale



GUARDRAIL DETAIL
Not to Scale



BENCHING DETAIL
Not to Scale



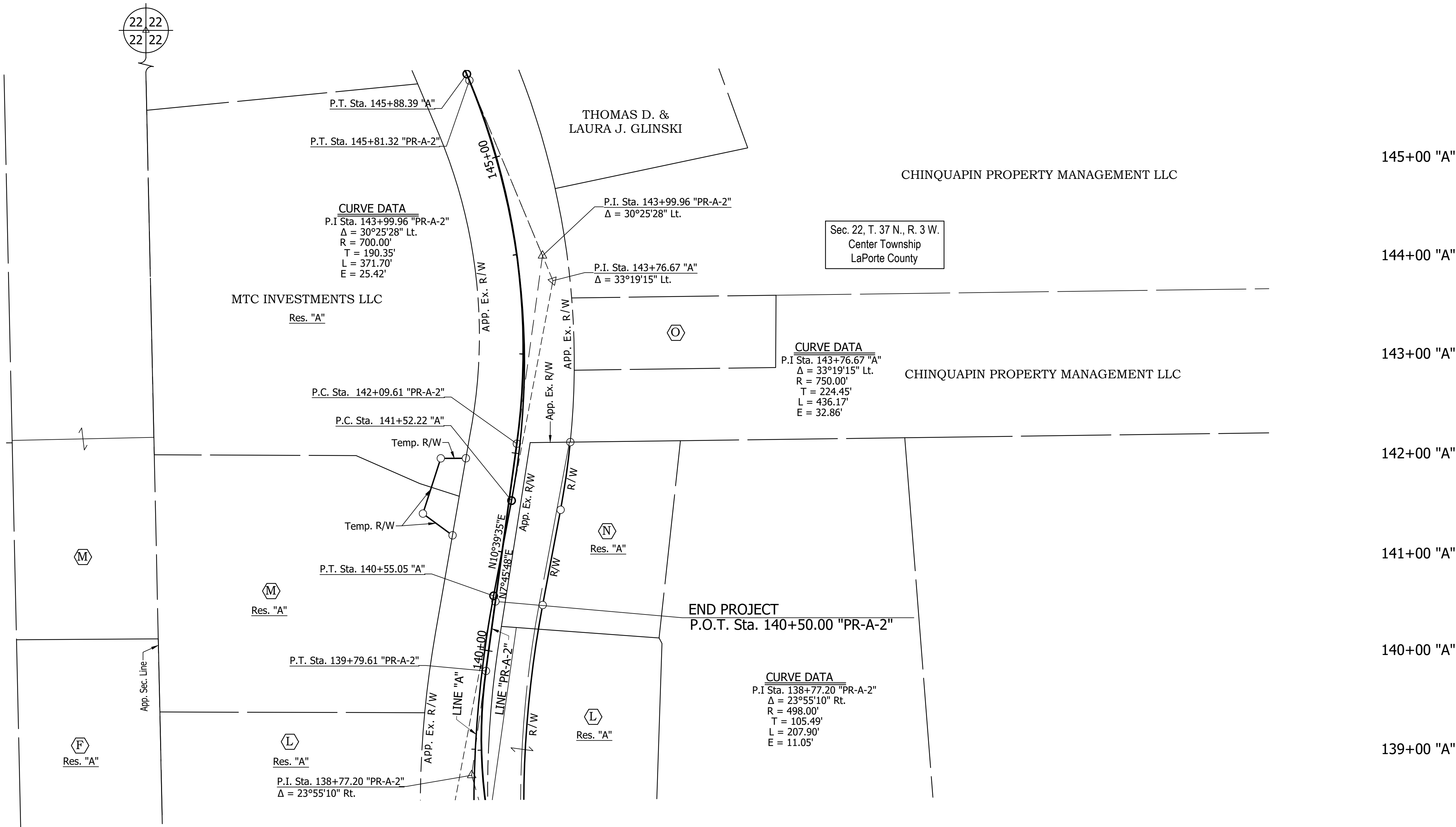
SAFETY EDGE DETAIL - HMA
Not to Scale

LEGEND

- | | |
|---|------------------------------------|
| 11 Curb, Integral Concrete | 16 Curb & Gutter, Conc., Modified |
| 12 2'-8" Combined Conc. Curb & Gutter, Mod. | 17 Rolled Curb |
| 13 Concrete Curb, Typ. "B" | 22 Conc. Ctr. Curb, Type 'D', Mod. |
| 14 2'-7" Combined Conc. Curb & Gutter, Mod. | 23 Conc. Ctr. Curb, Type 'D', Mod. |
| 15 2'-7" Combined Conc. Curb & Gutter | |

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE AS SHOWN	BRIDGE FILE
	DESIGNED: _____ AML		DRAWN: _____ GK			DESIGNATION 2200046
	CHECKED: _____ BEH		CHECKED: _____ AML			SHEET 7 OF 66
			MISCELLANEOUS DETAILS			CONTRACT R-44685

\\bssr1241\jbs55\701100.0000\ProjDevelopment\ROW\RWENG\CalculationDrawings\7011M151.dwg Sam Hatfield Plot:8/7/2026 11:56 AM Save:8/7/2026 9:02 AM



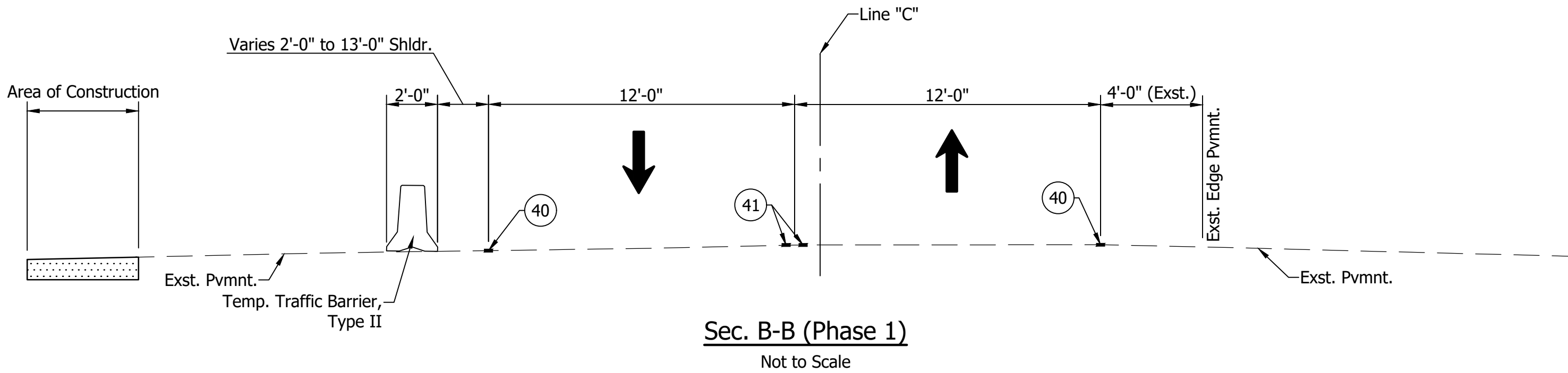
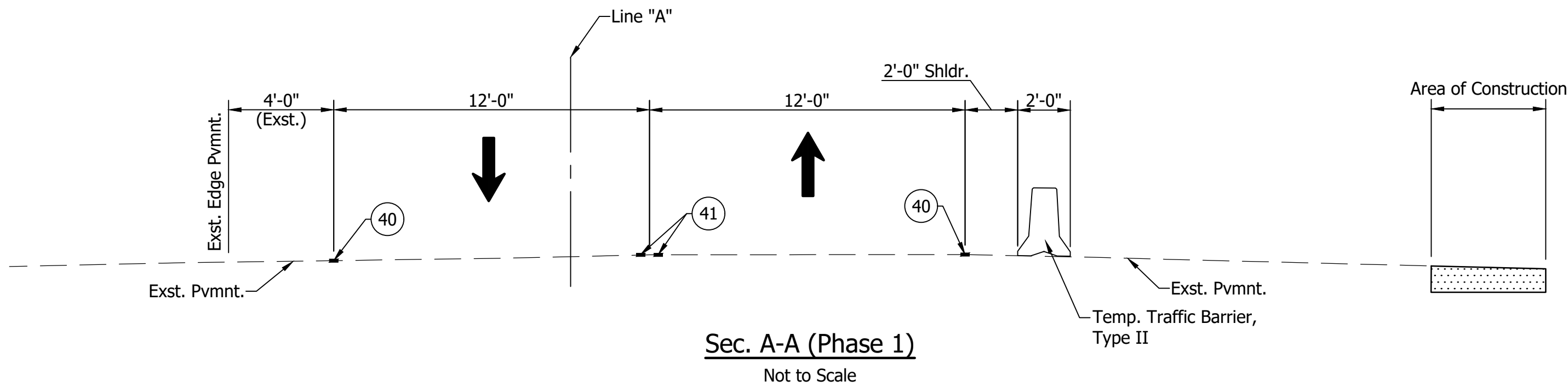
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SEQUENCE OF OPERATIONS - PHASE 1

1. Install Detour Signs And Close North Leg of US 35 and Severs Road
2. Install Pavement Markings and Traffic Barrier and Shift Traffic to New Lane Configuration to Allow Eastbound to Southbound Movement and Northbound to Westbound Movement at The Intersection Only.
3. Remove Traffic Signal.
4. Construct Severs Road,
4. Maintain Ingress And Egress To All Properties At All Times.

SEQUENCE OF OPERATIONS- PHASE 2

1. Close Intersection
2. Construction Remaining Work
3. Maintain Ingress and Egress To All Properties At All Times



LEGEND

- 40 Temporary Pavement Markings, Solid, White, 6"
- 41 Temporary Pavement Markings, Solid, Yellow, 6"

Area Of Construction

RECOMMENDED
FOR APPROVAL: _____
DESIGN ENGINEER DATE

DESIGNED: AML DRAWN: LV
CHECKED: BEH CHECKED: AML

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
SEQUENCE OF OPERATIONS &
TYPICAL SECTIONS

SCALE

NONE

BRIDGE FILE

DESIGNATION

2200046

SHEET

10 OF 66

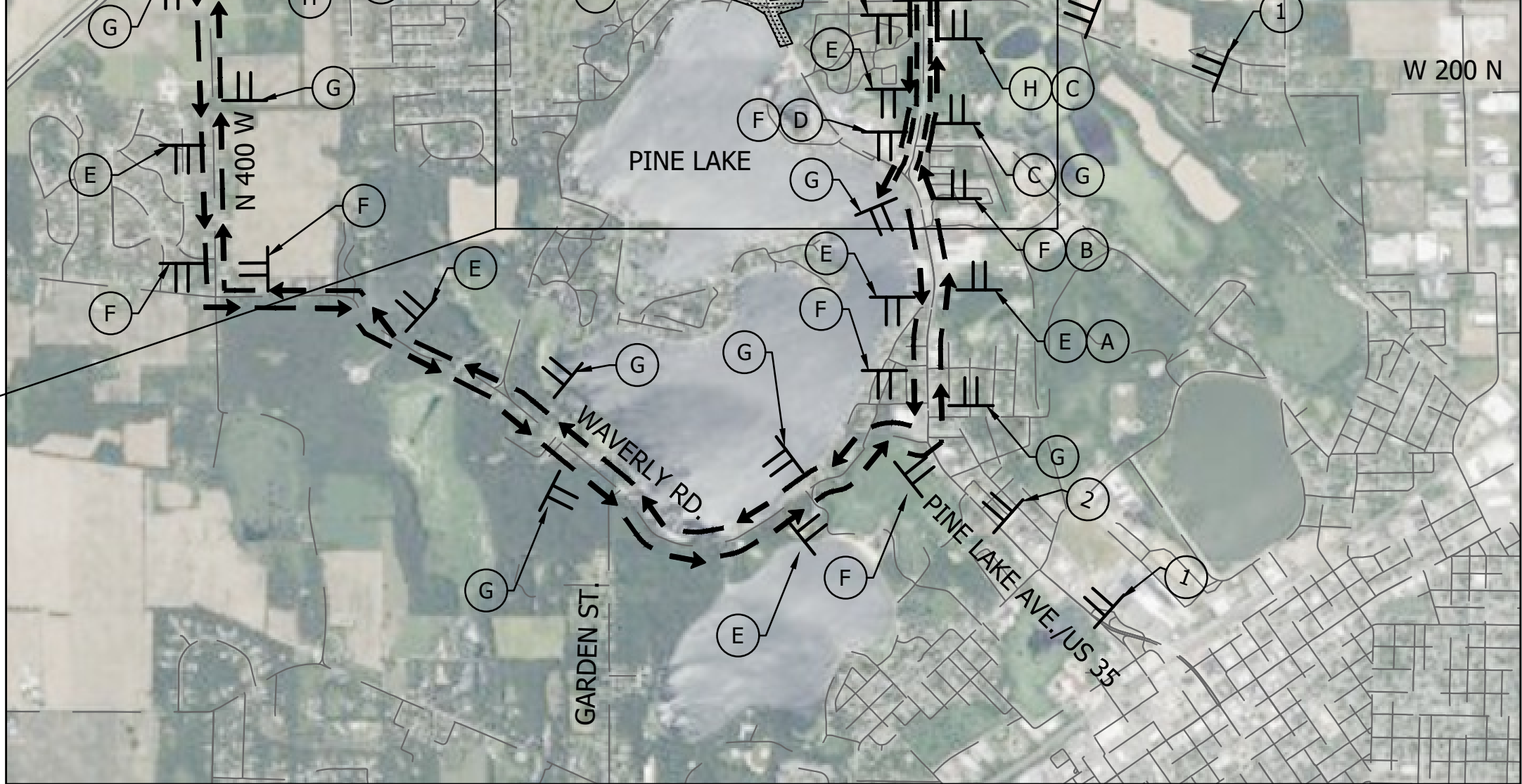
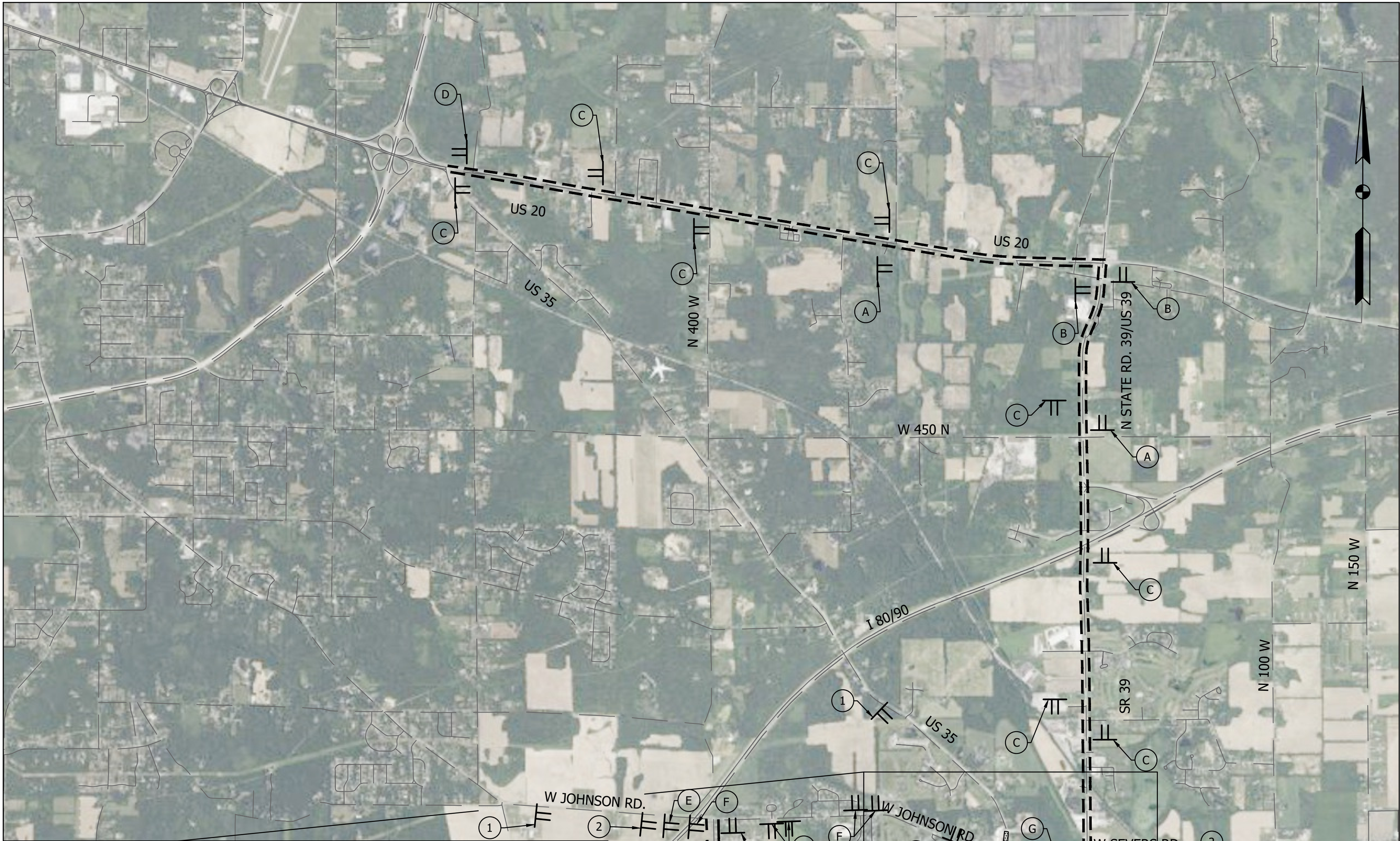
CONTRACT

R-44685

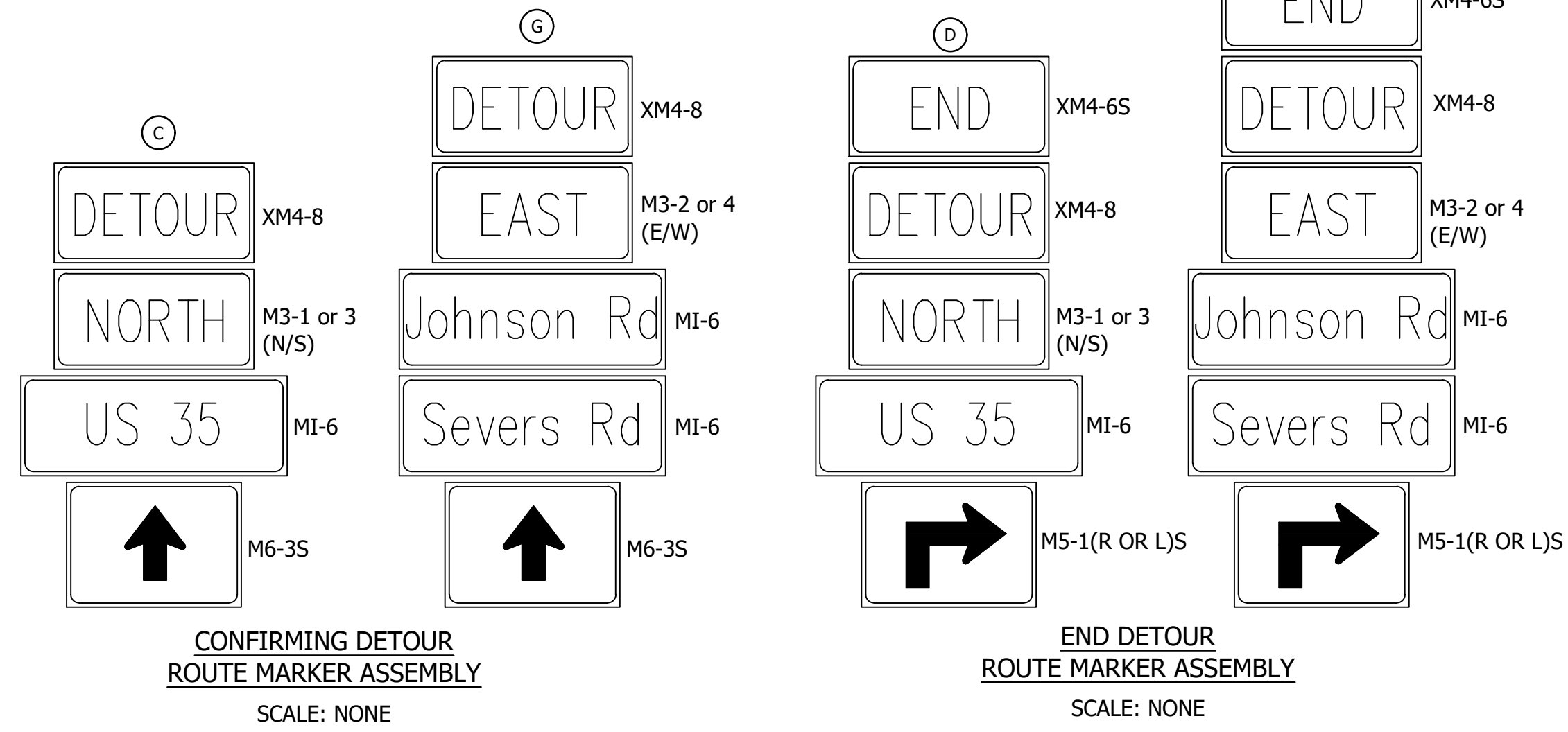
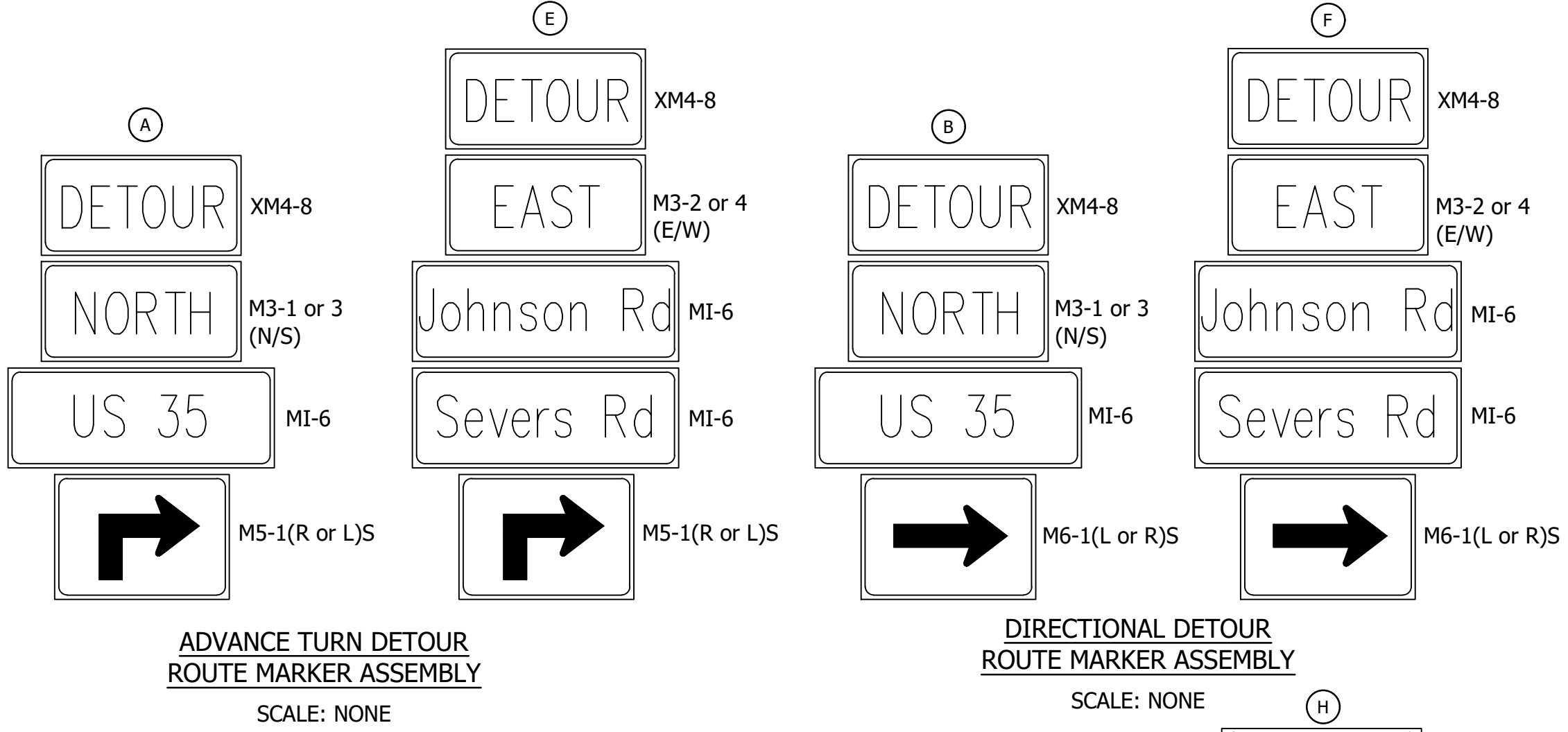
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BFS NO.

\\bsr1241\jbs5\701100.0000\Proj\Development\Drawings\701R301.dwg Sam Hatley Plot:8/7/2026 11:56 AM Server:8/7/2026 7:32 AM



Detour Route
Not To Scale



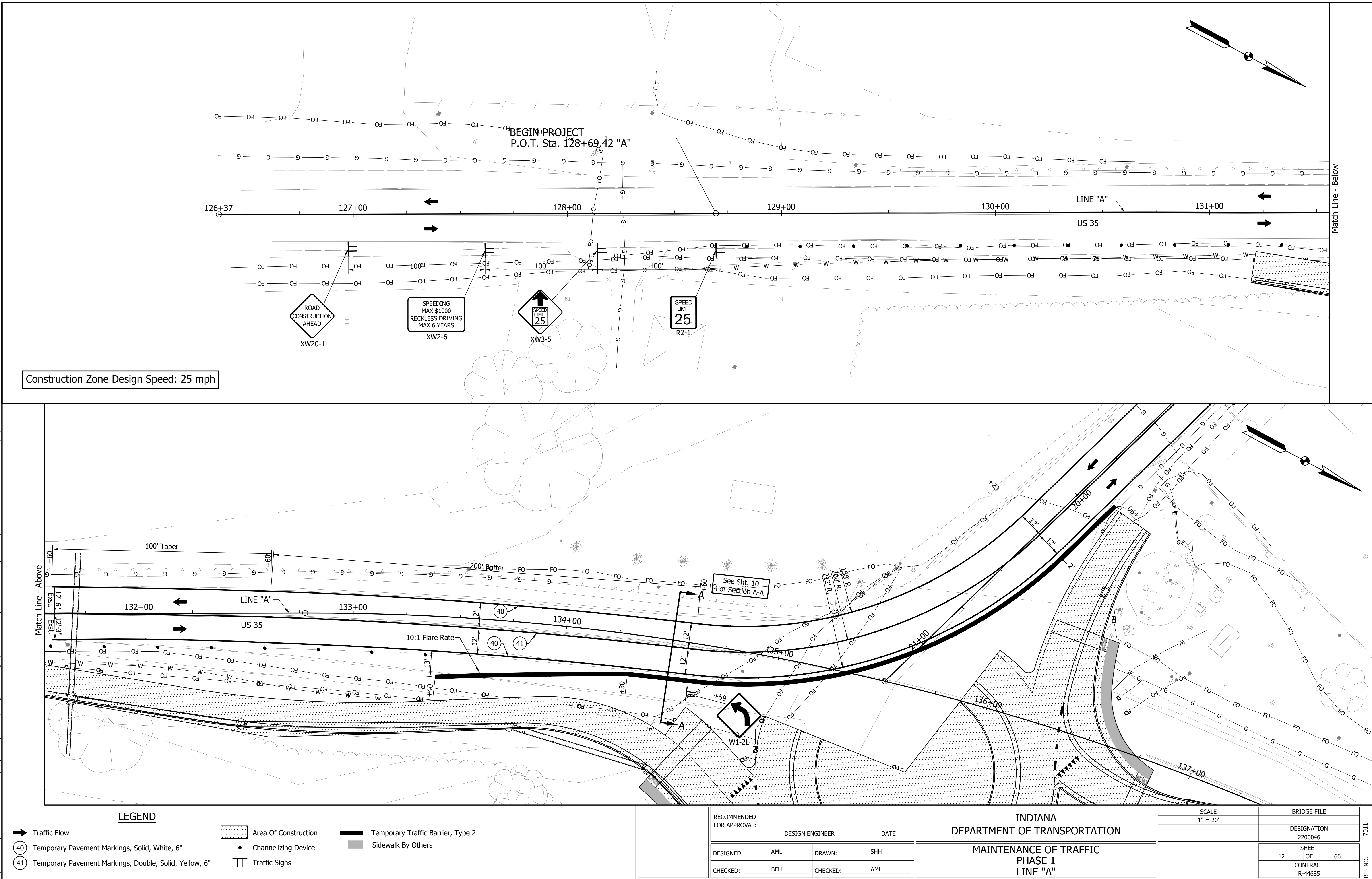
DETOUR SIGN SUMMARY				
	MESSAGE	CODE	TYPE	QTY.
1	ROAD CLOSED AHEAD	R11-2		4
2	DETOUR AHEAD	XW20-3		4
3	ROAD CLOSURE SIGN ASSEMBLY			4
4	ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3a		11
A	ADVANCE DETOUR MARKER - US 35			3
B	DIRECTIONAL DETOUR MARKER - US 35			3
C	CONFIRMING DETOUR MARKER - US 35			10
D	END DETOUR MARKER - US 35			2
E	ADVANCE DETOUR MARKER - JOHNSON/SEVERS RD.			7
F	DIRECTIONAL DETOUR MARKER - JOHNSON/SEVERS RD.			12
G	CONFIRMING DETOUR MARKER - JOHNSON/SEVERS RD.			9
H	END DETOUR MARKER - JOHNSON/SEVERS RD.			2

LEGEND		
---	US 35 Detour Route	1 Road Closed Ahead XW20-3
---	Johnson Rd/Severs Rd Detour Route	2 Detour Ahead XW20-2
---		3 Road Closure Sign Assembly
---		4 Road Closed Local Traffic Only R11-3
---		A Advance Detour Route Marker
---		B Directional Detour Route Marker
---		C Confirming Detour Route Marker
---		D End Detour Route Marker
---	Area Of Construction	
---	Type III-B Barricade	
---	Construction Sign Type As Shown	

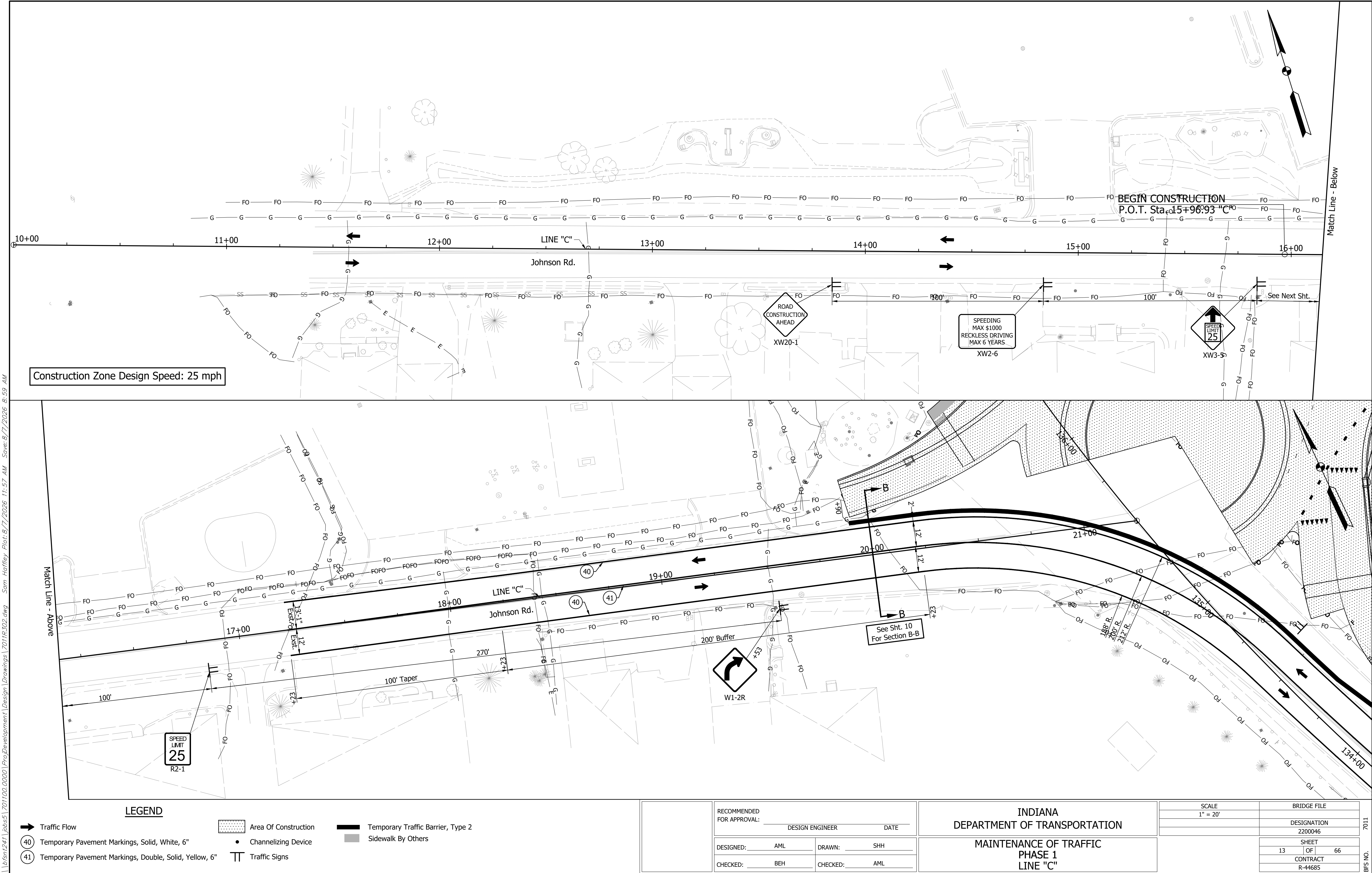
RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE N/A	BRIDGE FILE N/A
DESIGNED: _____ AML _____ DRAWN: _____ SSH _____	US 35 & JOHNSON/SEVERS RD. MAINTENANCE OF TRAFFIC DETOUR ROUTE		DESIGNATION 2200046
CHECKED: _____ BEH _____ CHECKED: _____ AML _____			SHEET 11 OF 66
			CONTRACT R-44685

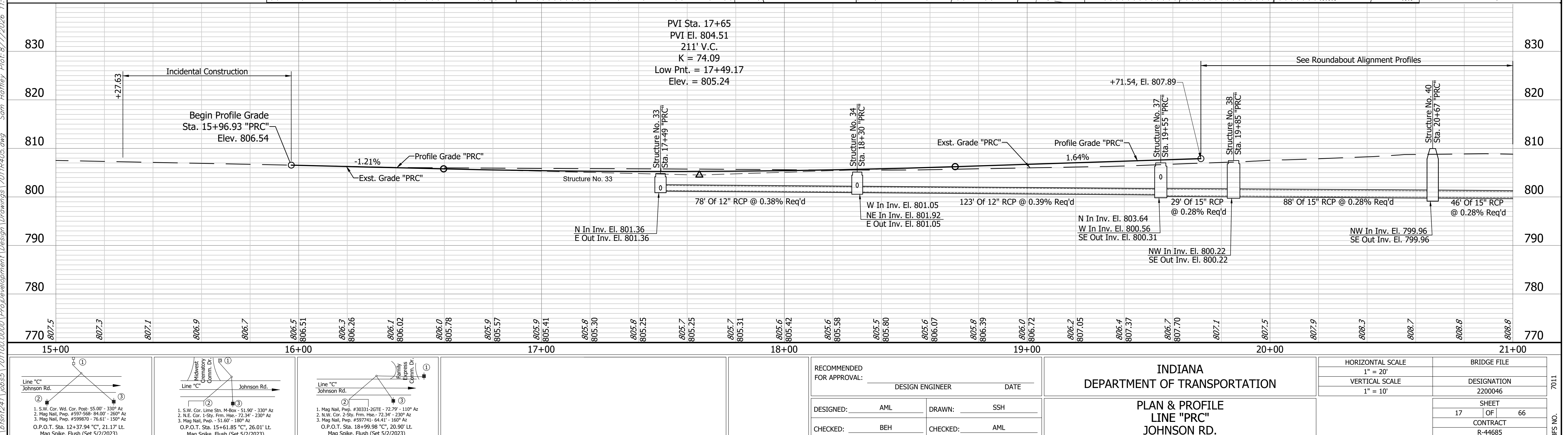
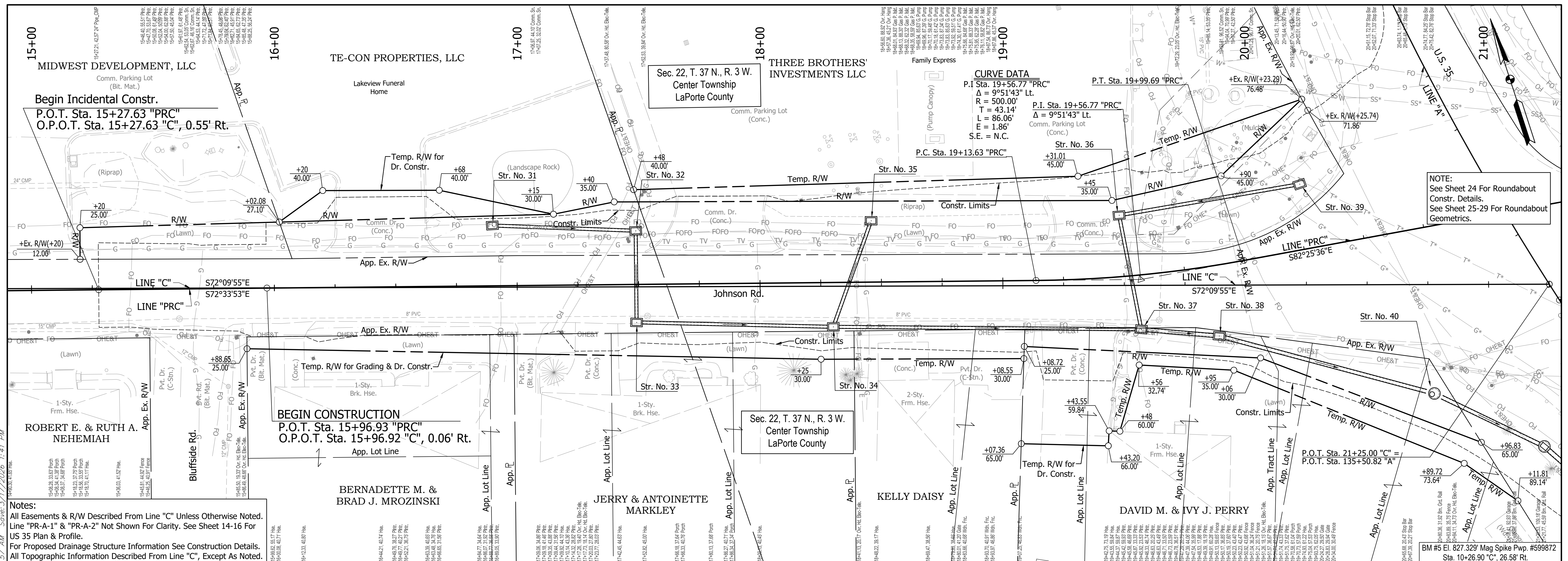
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BFS NO.

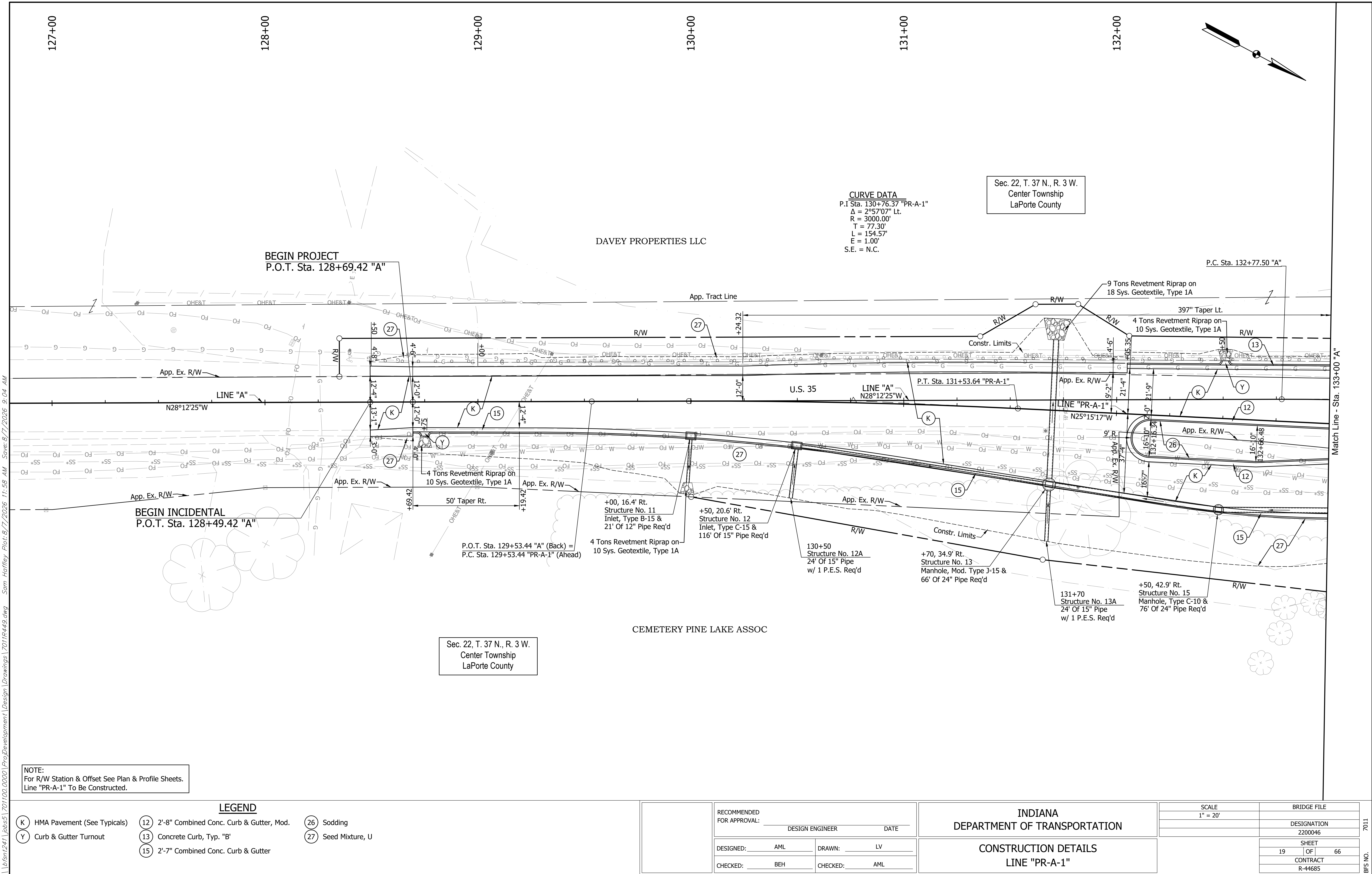
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\\bssr1241\jbs55\701100.0000\ProjDevelopment\Design\Drawings\701R302.dwg Sam Hatley Plot:8/7/2026 11:57 AM Save:8/7/2026 8:59 AM







Sec. 22, T. 37 N., R. 3 W.
Center Township
LaPorte County

CURVE DATA
P.I. Sta. 130+76.37 "PR-A-1"
Δ = 2°57'07" Lt.
R = 3000.00'
T = 77.30'
L = 154.57'
E = 1.00'
S.E. = N.C.

NOTE:
For R/W Station & Offset See Plan & Profile Sheets.
Line "PR-A-1" To Be Constructed.

LEGEND

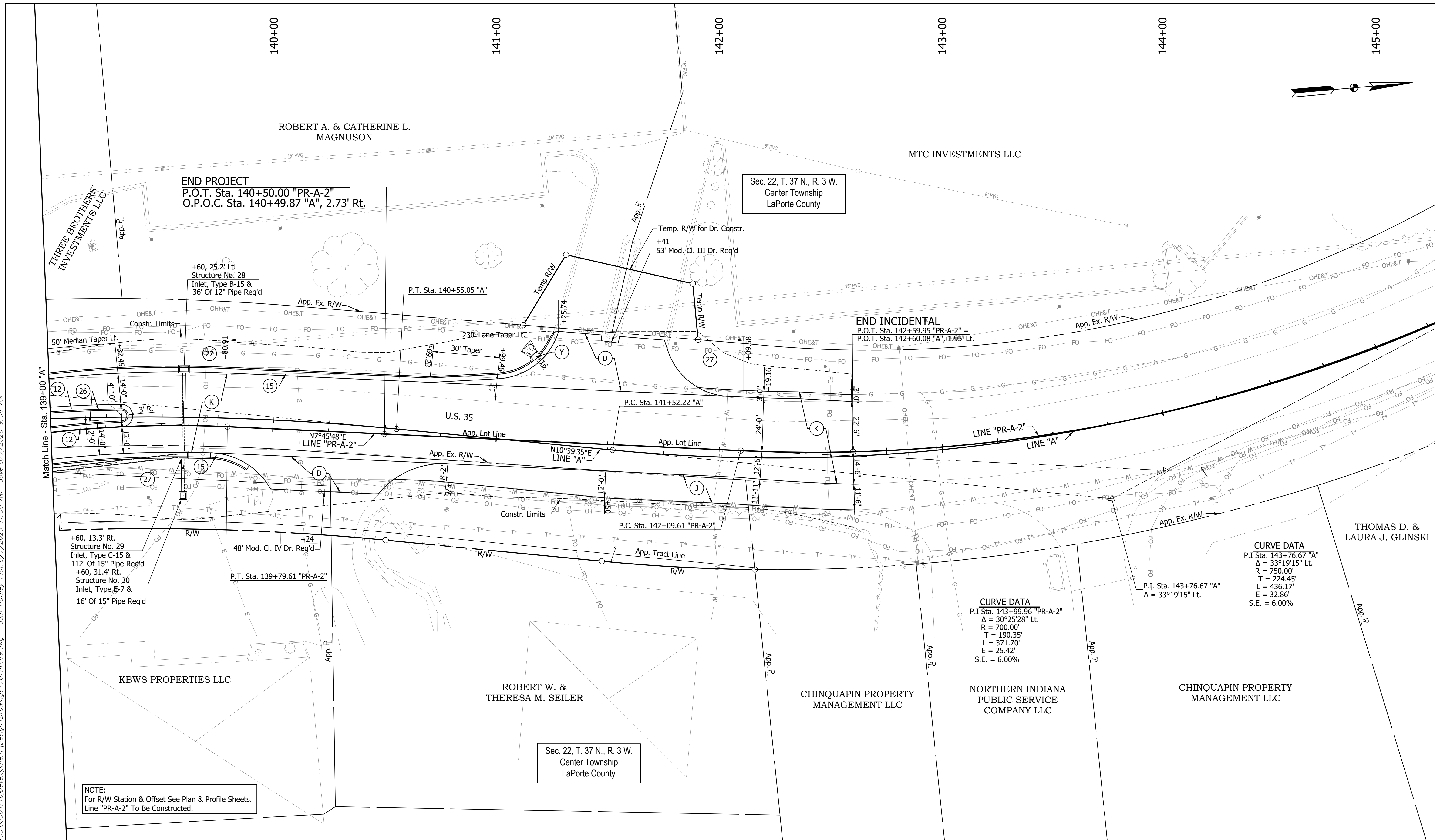
- | | | |
|---|---|----------------------|
| (K) HMA Pavement (See Typical) | (12) 2'-8" Combined Conc. Curb & Gutter, Mod. | (26) Sodding |
| (Y) Curb & Gutter Turnout | (13) Concrete Curb, Typ. "B" | (27) Seed Mixture, U |
| (15) 2'-7" Combined Conc. Curb & Gutter | | |

RECOMMENDED FOR APPROVAL:	
DESIGN ENGINEER	DATE
DESIGNED: AML	
DRAWN: LV	
CHECKED: BEH	CHECKED: AML

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS LINE "PR-A-1"	

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 2200046
	SHEET 19 OF 66
	CONTRACT R-44685

\\bsn1241\jbs51\701100.0000\ProjDevelopment\Drawings\7011R449.dwg Sam Hatley Plot: 8/7/2026 11:58 AM Save: 8/7/2026 9:04 AM



NOTE:
For R/W Station & Offset See Plan & Profile Sheets.
Line "PR-A-2" To Be Constructed.

LEGEND

- | | | |
|--|---|----------------------|
| (D) HMA For Approaches (See Appr. Table) | (12) 2'-8" Combined Conc. Curb & Gutter, Mod. | (27) Seed Mixture, U |
| (J) HMA Shoulder (See Typical) | (15) 2'-7" Combined Conc. Curb & Gutter | |
| (K) HMA Pavement (See Typical) | (22) Conc. Ctr. Curb, 'D', Mod. | |
| (Y) Curb & Gutter Turnout | (26) Sodding | |

RECOMMENDED
FOR APPROVAL: _____
DESIGN ENGINEER DATE

DESIGNED: AML DRAWN: LV
CHECKED: BEH CHECKED: AML

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A-2"

SCALE
1" = 20'

BRIDGE FILE

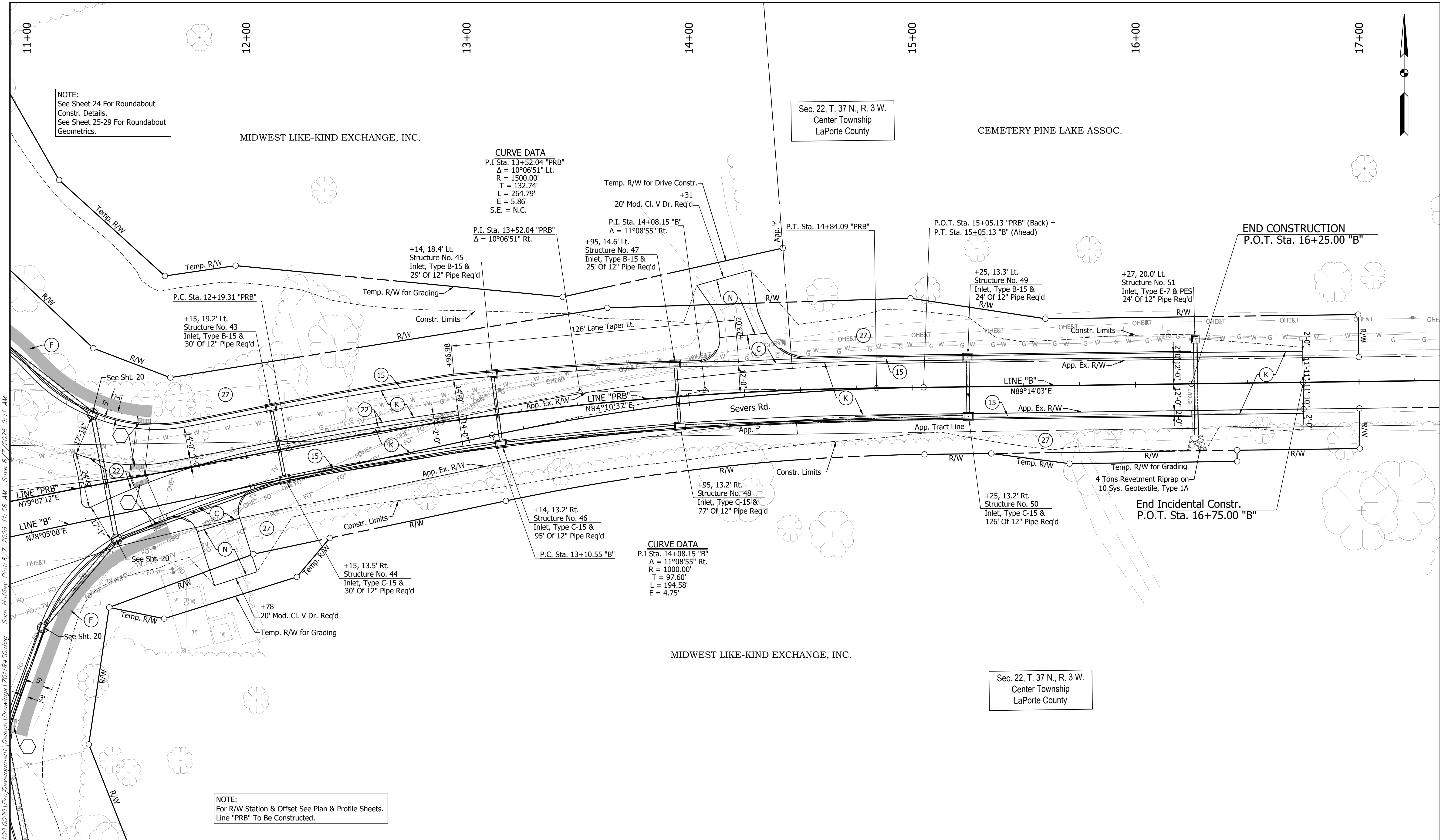
DESIGNATION
2200046

SHEET

21 OF 66

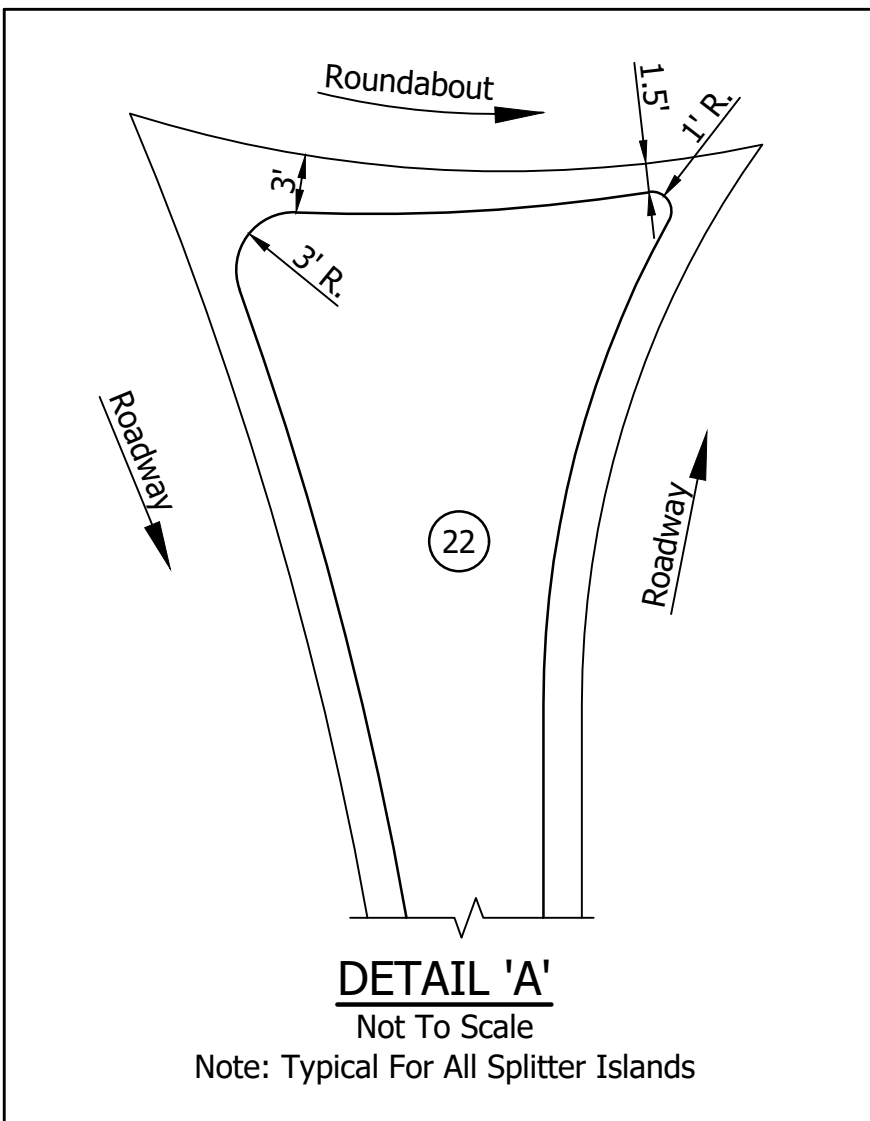
CONTRACT
R-44685

7011
BFS NO.



LEGEND		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'	BRIDGE FILE
(C) PCCP for Approaches, 9"	(15) 2'-7" Combined Conc. Curb & Gutter	RECOMMENDED FOR APPROVAL: _____ DATE _____ DESIGN ENGINEER		DESIGNATION 2200046	
(F) Sidewalk By Others	(22) Conc. Ctr. Curb, Type 'D', Mod.	DESIGNED: _____ AML DRAWN: _____ LV		SHEET 23 OF 66	
(K) HMA Pavement (See Typical)	(27) Seed Mixture, U	CHECKED: _____ BEH CHECKED: _____ AML		CONTRACT R-44685	
(N) Comp. Agg. No. 73	(78) Conc. Curb Ramp, See Details Sht. 30-31	CONSTRUCTION DETAILS LINE "PRB"			

\\bsn1241\jbs51\701100.0000\ProDevelopment\Drawings\7011R450.dwg Sam Hatley Plot: 8/17/2026 11:58 AM Save: 8/17/2026 9:11 AM



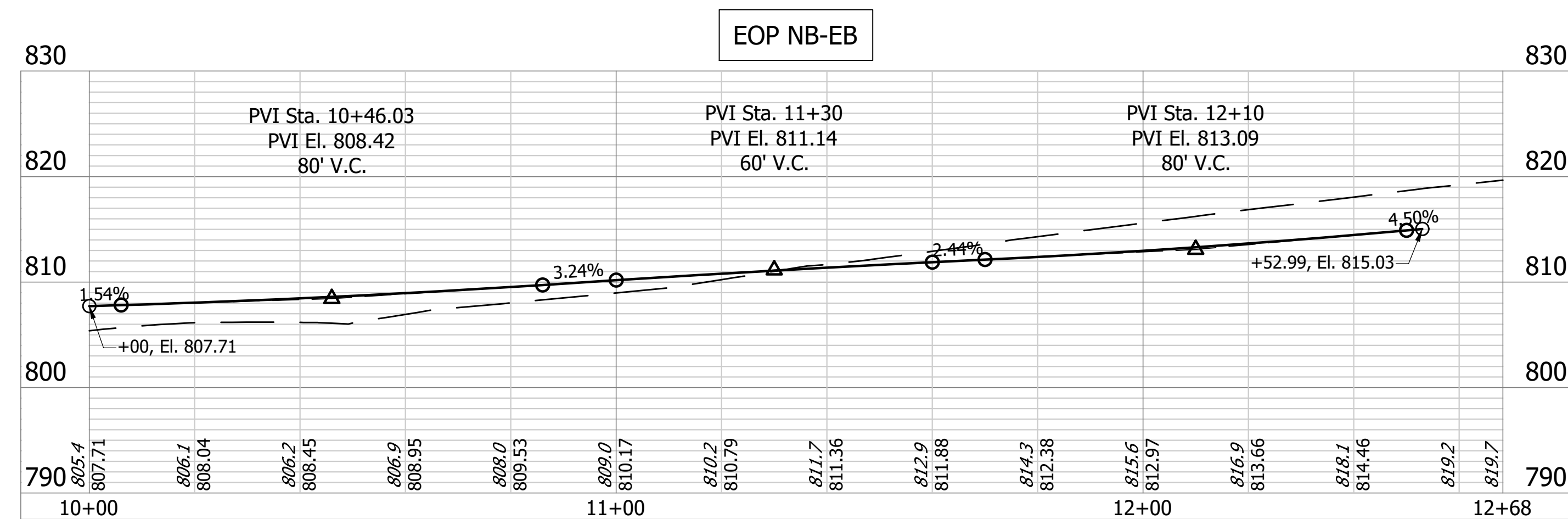
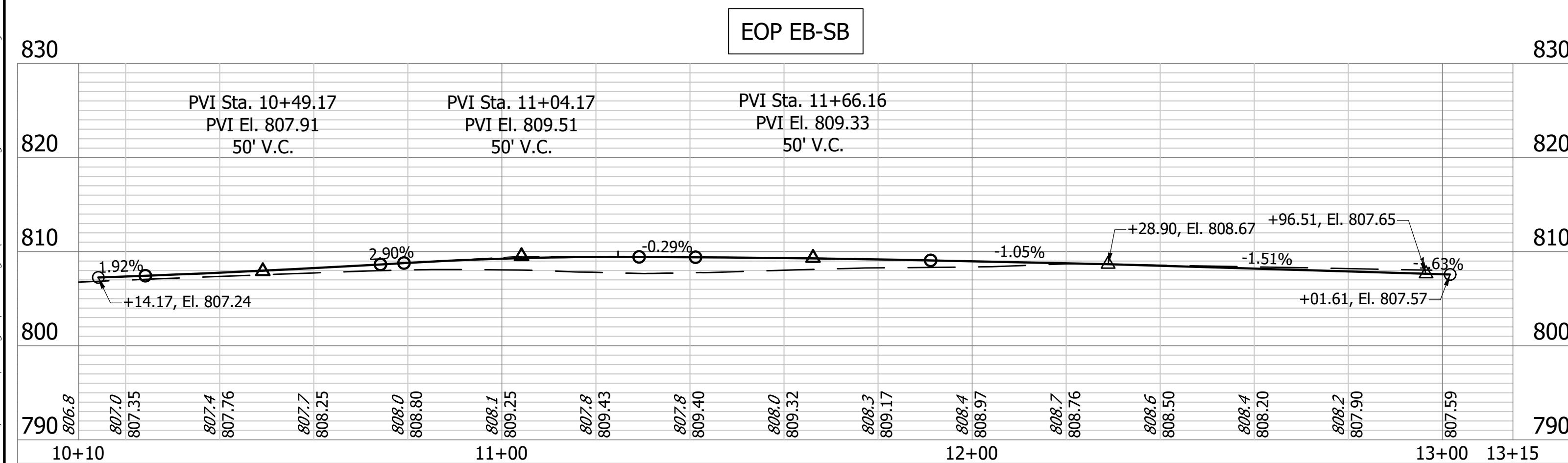
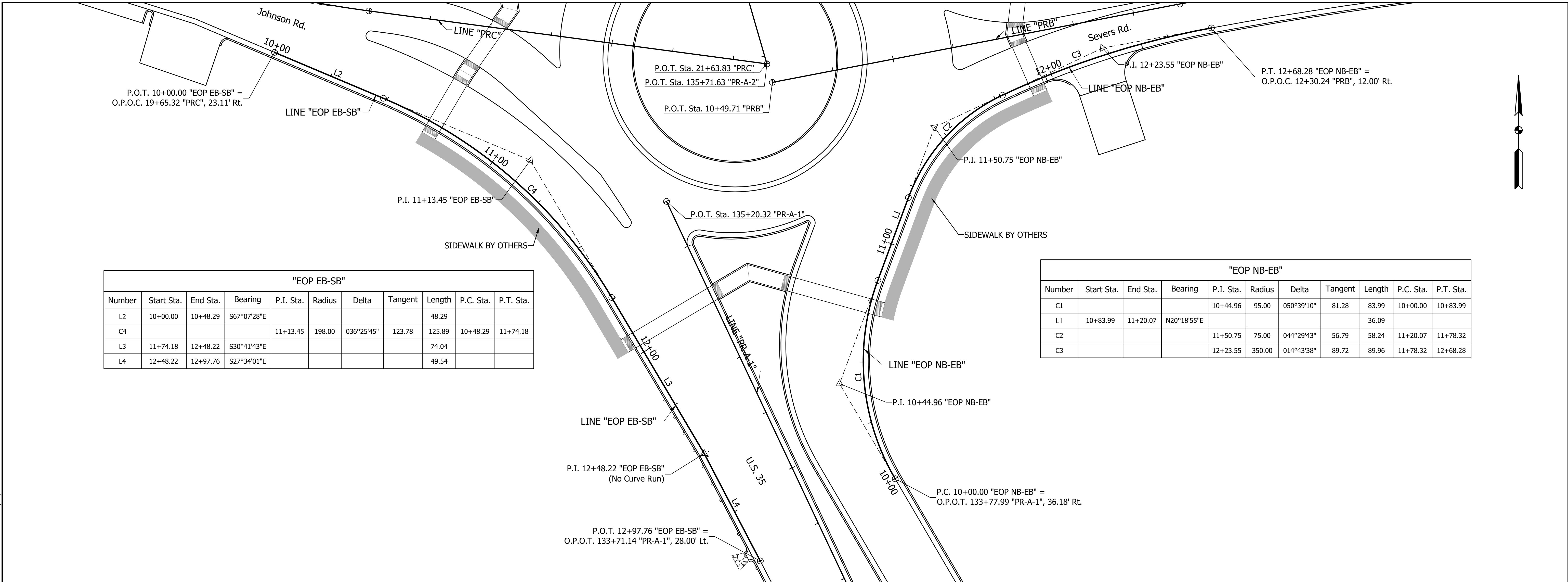
LEGEND

- | | | | |
|------------------------------|--------------|-----------------|------|
| RECOMMENDED
FOR APPROVAL: | | DESIGN ENGINEER | DATE |
| DESIGNED: AML | DRAWN: SSH | | |
| CHECKED: BEH | CHECKED: AML | | |

ROUNDBOUT CONSTRUCTION DETAILS

BFS NO. 7011

\\bsn1241\jebss5\701100.0000\ProjDevelopment\Drawings\70110041.dwg Sam Hatfield Plot:8/7/2026 11:58 AM Save:8/7/2026 7:46 AM

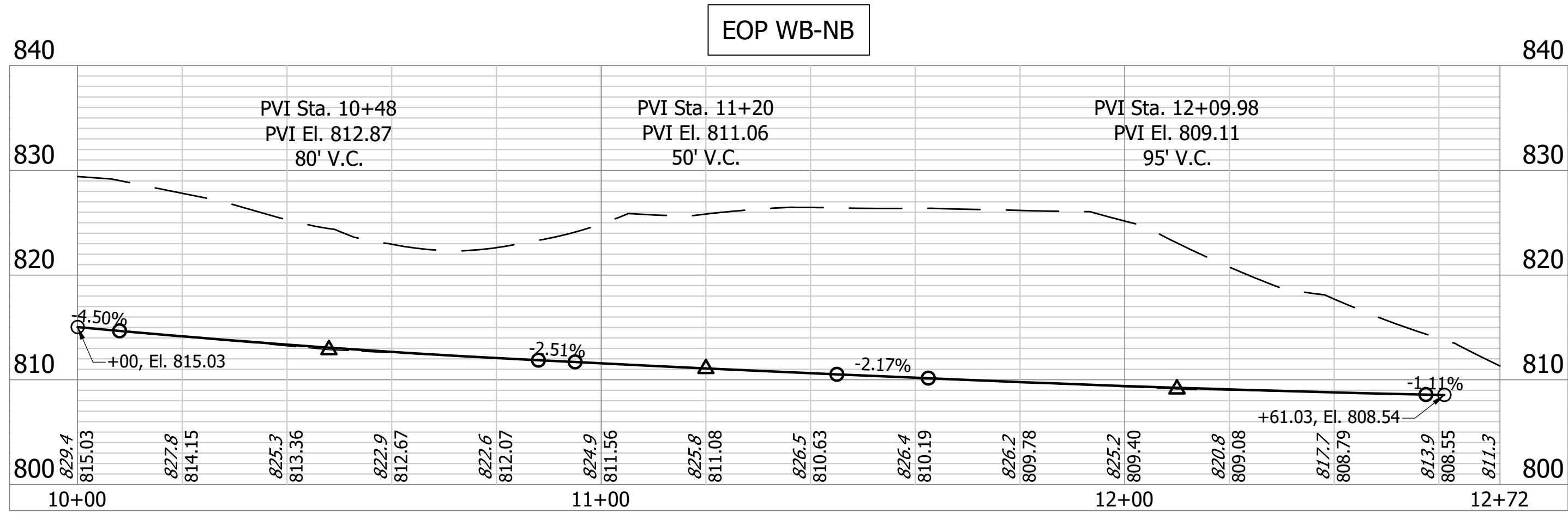
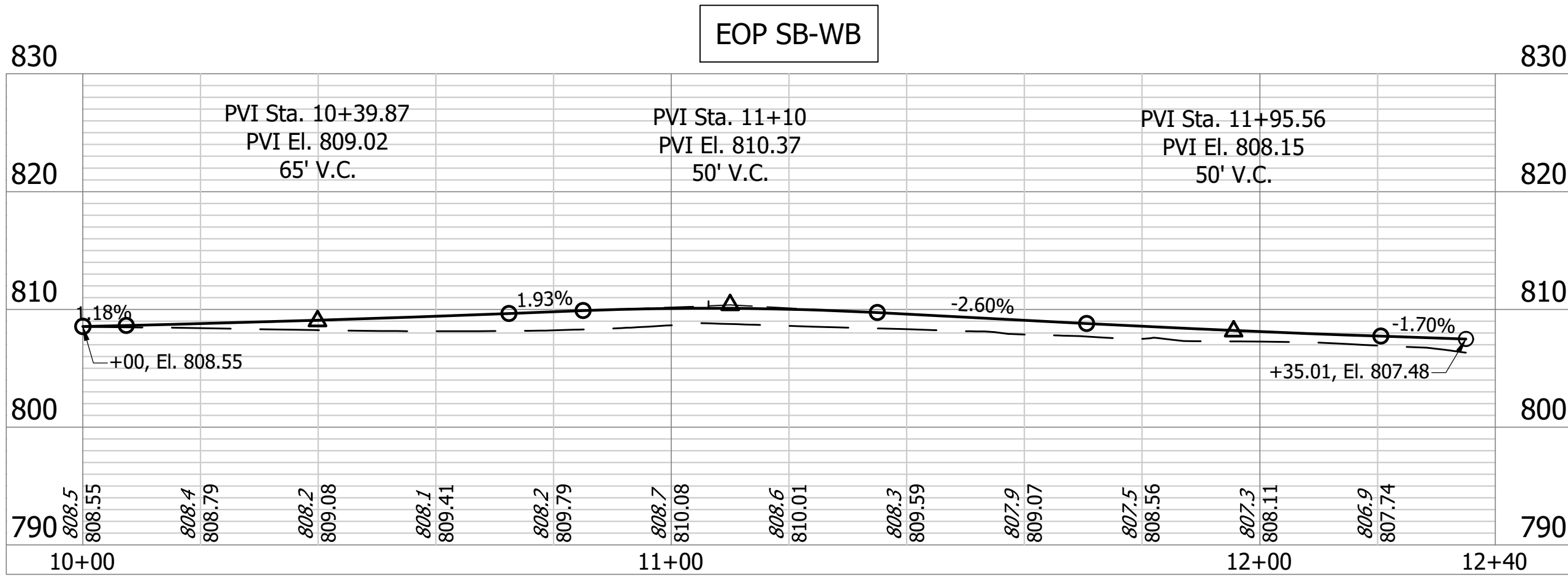


	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION ROUNDAABOUT GEOMETRICS & VERTICALS NB to EB & EB to SB EDGE OF PVMNT.	SCALE 1" = 20'	BRIDGE FILE
			DESIGNATION 2200046	
	DESIGNED: _____ AML DRAWN: _____ GK		SHEET 25 OF 66	
	CHECKED: _____ BEH CHECKED: _____ AML		CONTRACT R-44685	

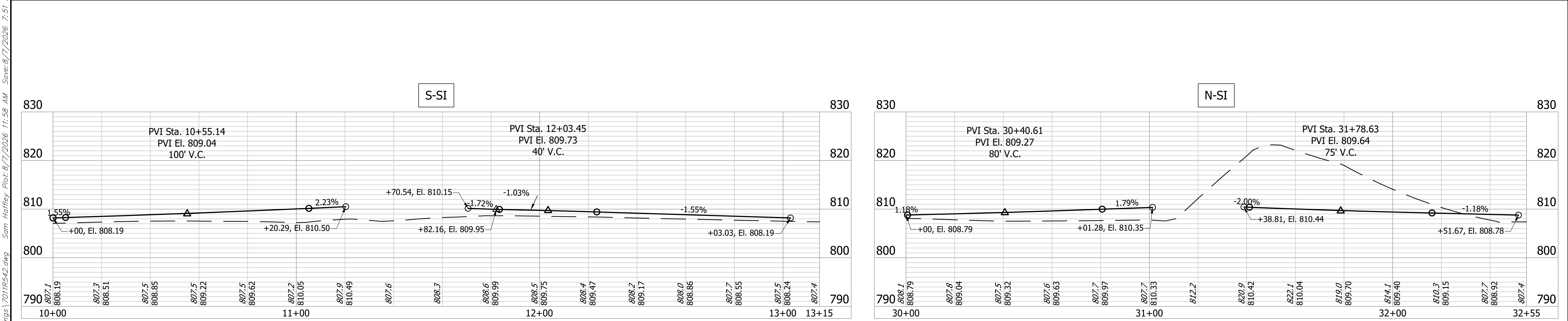
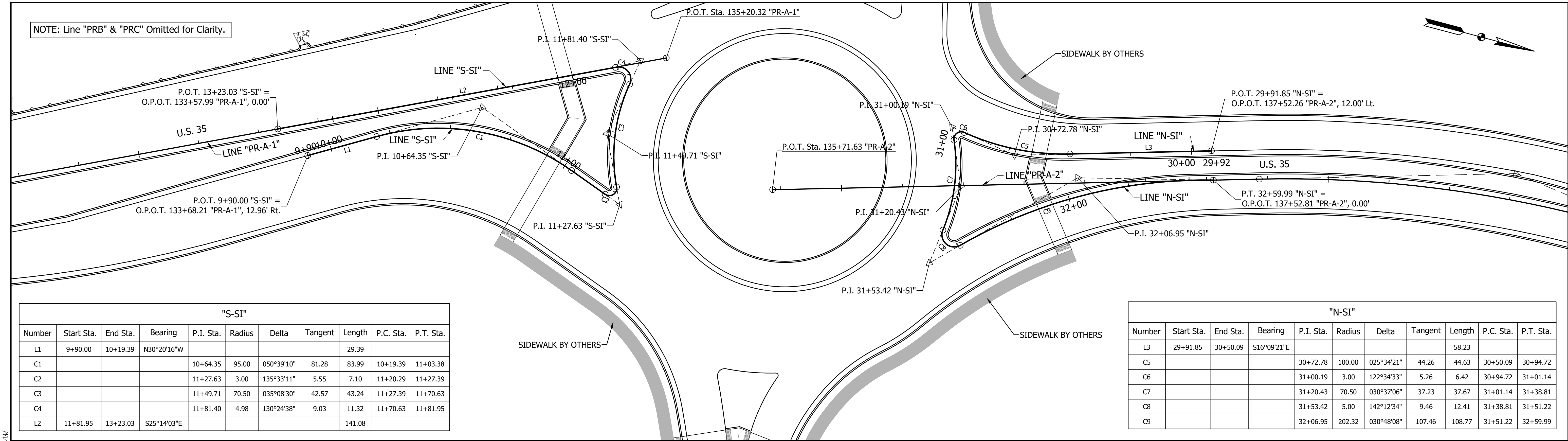
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"EOP SB-WB"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
L6	9+90.00	10+39.29	S16°09'21"E					49.29		
C9				10+63.63	100.00	027°21'39"	47.30	47.75	10+39.29	10+87.05
C10				11+05.54	30.00	063°18'14"	31.49	33.15	10+87.05	11+20.19
C11				11+60.89	200.00	023°00'21"	79.77	80.31	11+20.19	12+00.50
C12				12+17.76	473.53	004°10'34"	34.51	34.51	12+00.50	12+35.01

"EOP WB-NB"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
L5	10+00.00	10+38.25	S79°07'12"W					38.25		
C5				10+61.90	75.23	034°54'04"	45.12	45.82	10+38.25	10+84.08
C6				11+01.23	75.00	025°45'35"	33.44	33.72	10+84.08	11+17.80
C7				11+27.67	86.00	013°05'59"	19.62	19.66	11+17.80	11+37.46
C8				12+07.19	200.00	038°26'38"	131.69	134.19	11+37.46	12+71.66



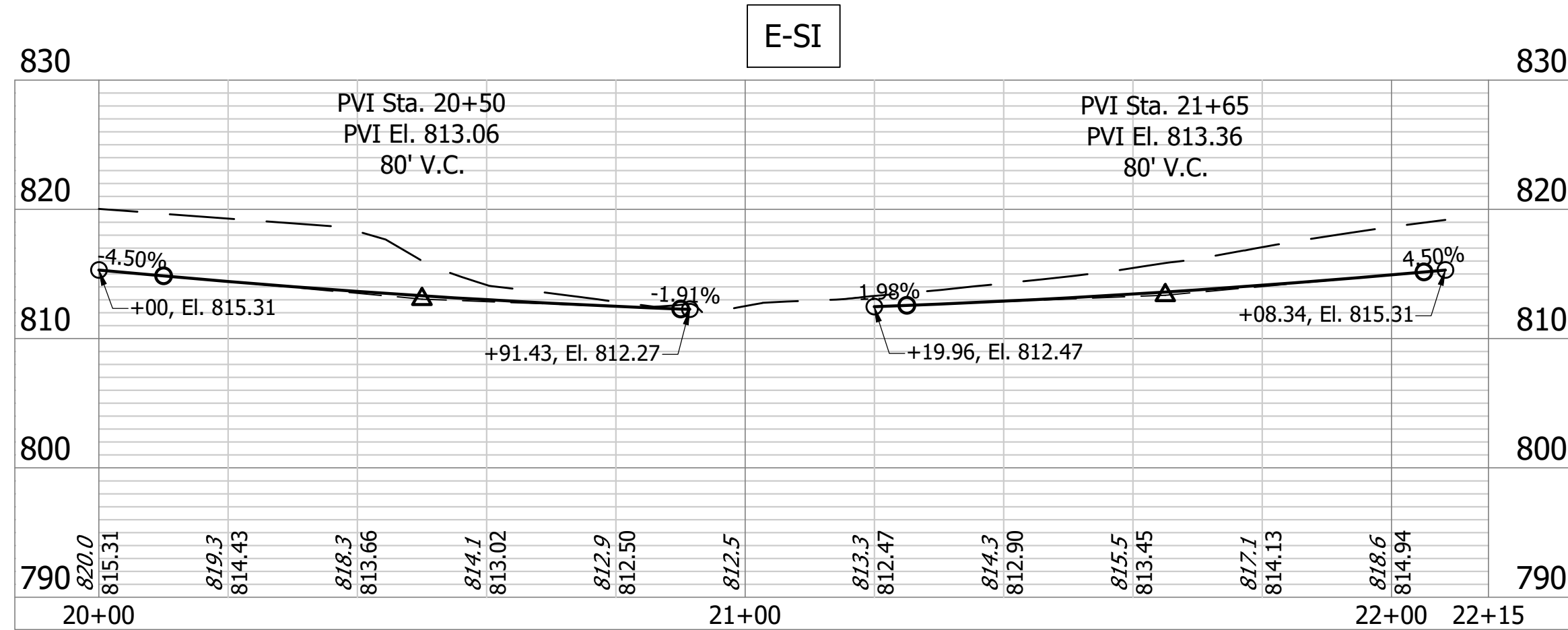
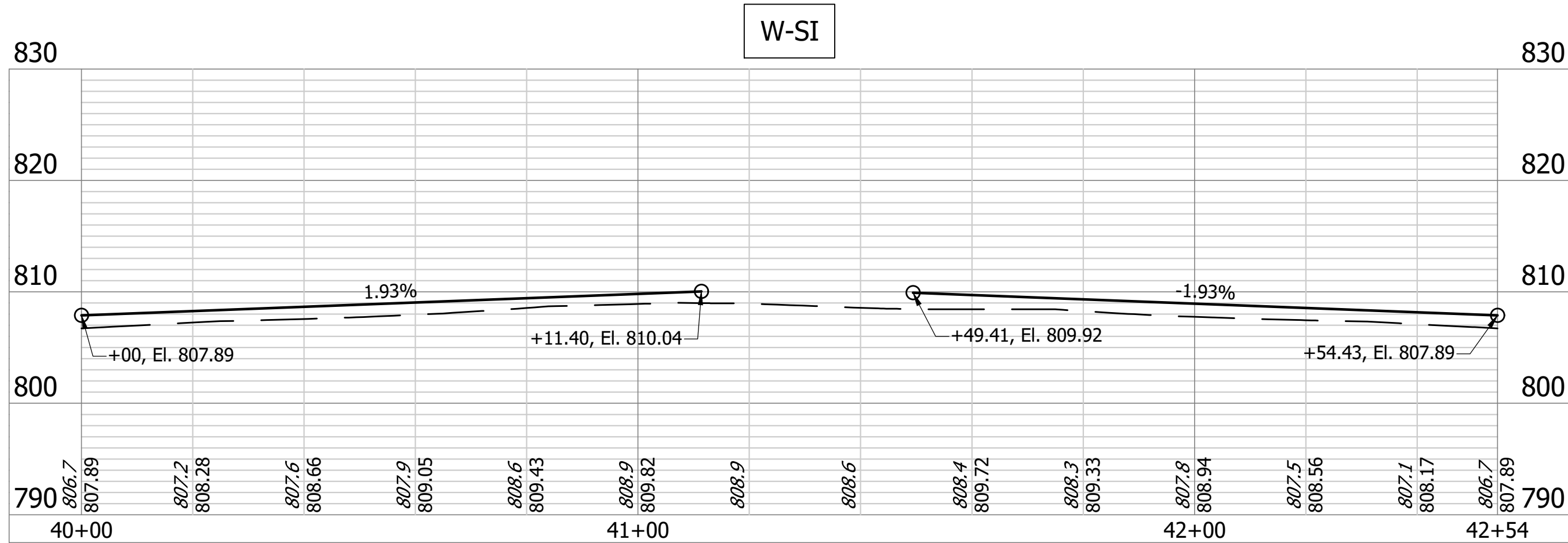
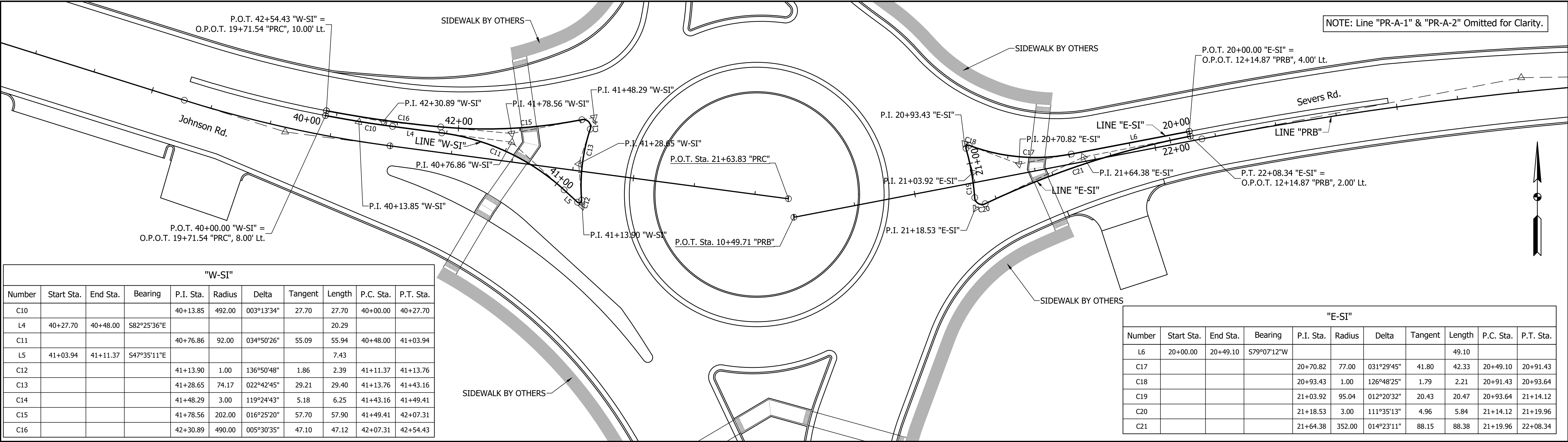
RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION ROUNDAABOUT GEOMETRICS & VERTICALS SB to WB & WB to NB EDGE OF PVMNT.	SCALE 1" = 20'	BRIDGE FILE
		DESIGNATION 2200046	
		SHEET 26 OF 66	
		CONTRACT R-44685	



\\bfsr1241\jbs5\701100.0000\ProjDevelopment\Design\Drawings\70110042.dwg Sam Hatley Plot:8/7/2026 11:58 AM Save:8/7/2026 7:51 AM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION ROUNDAABOUT GEOMETRICS & VERTICALS NORTH & SOUTH SPLITTER ISLANDS	SCALE 1" = 20'	BRIDGE FILE
		DESIGNATION 2200046	
		SHEET 27 OF 66	
		CONTRACT R-44685	

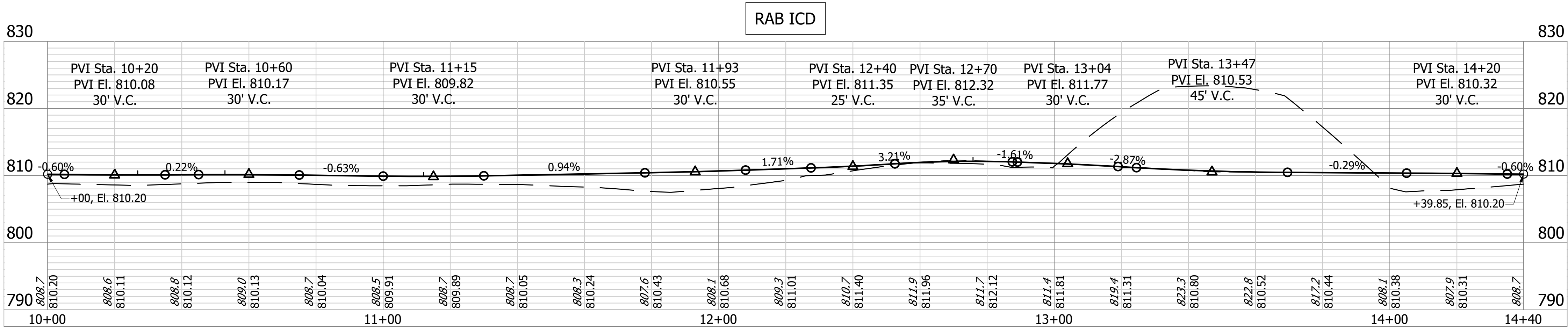
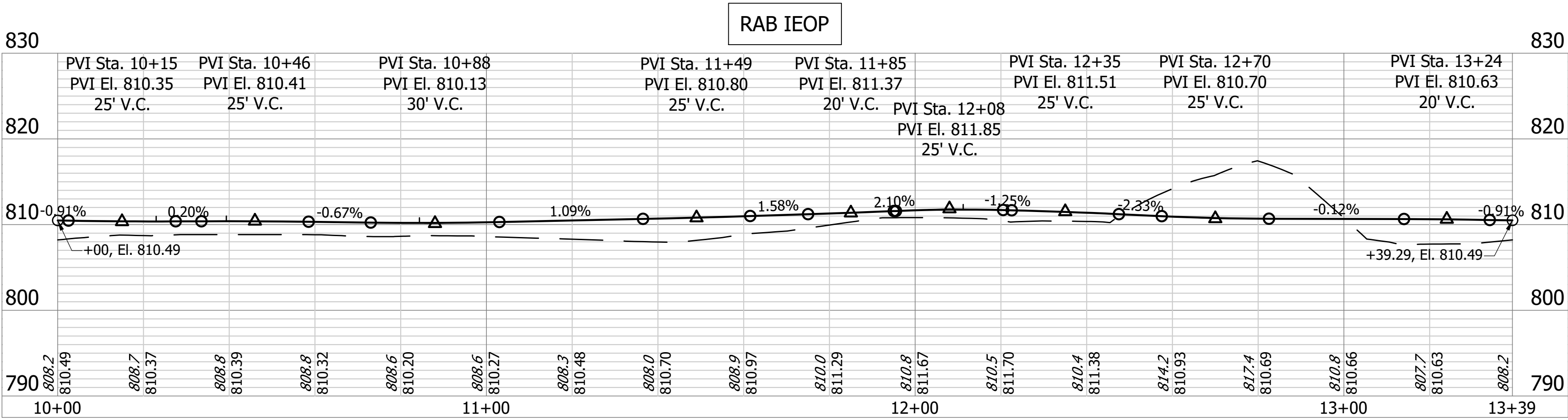
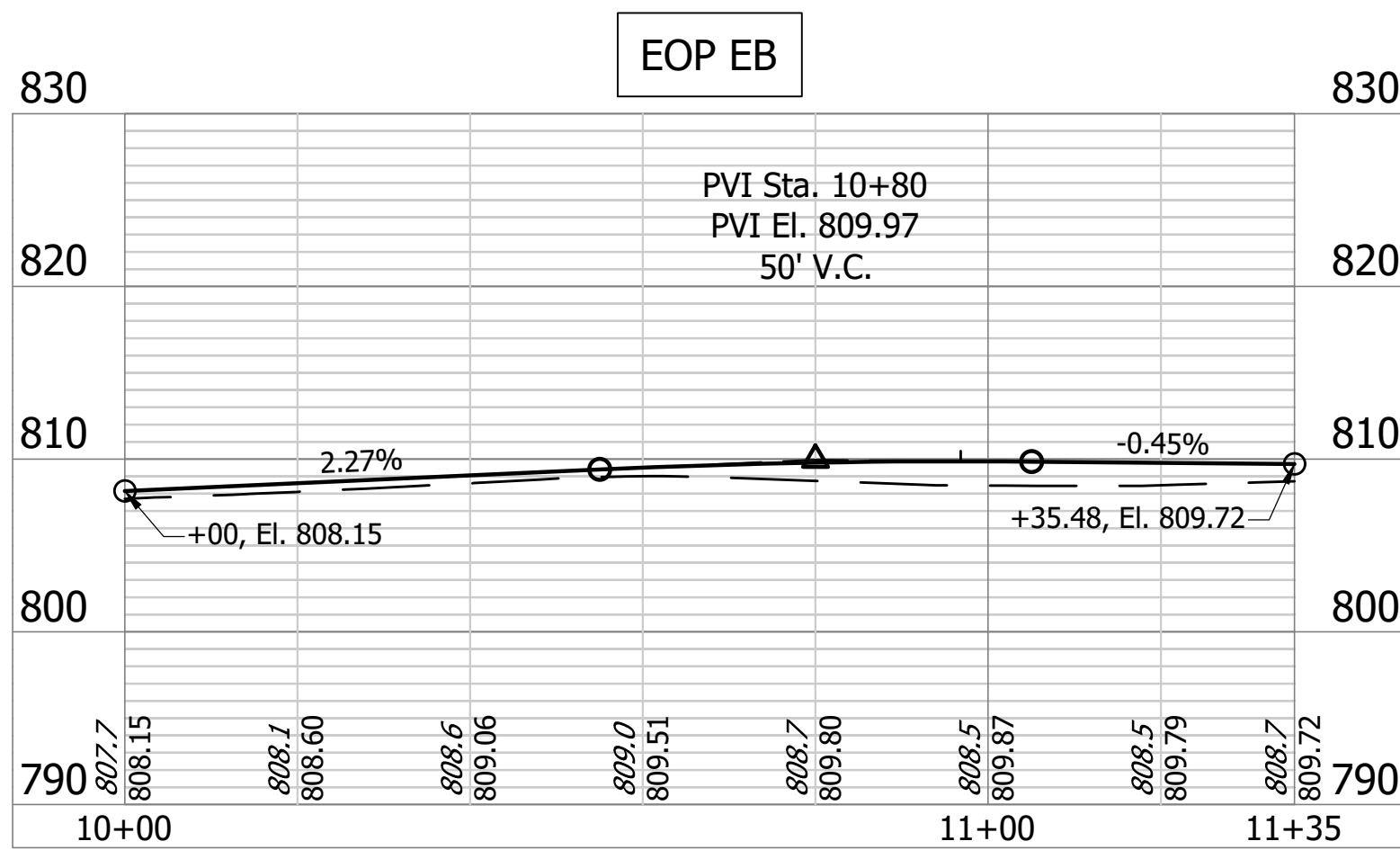
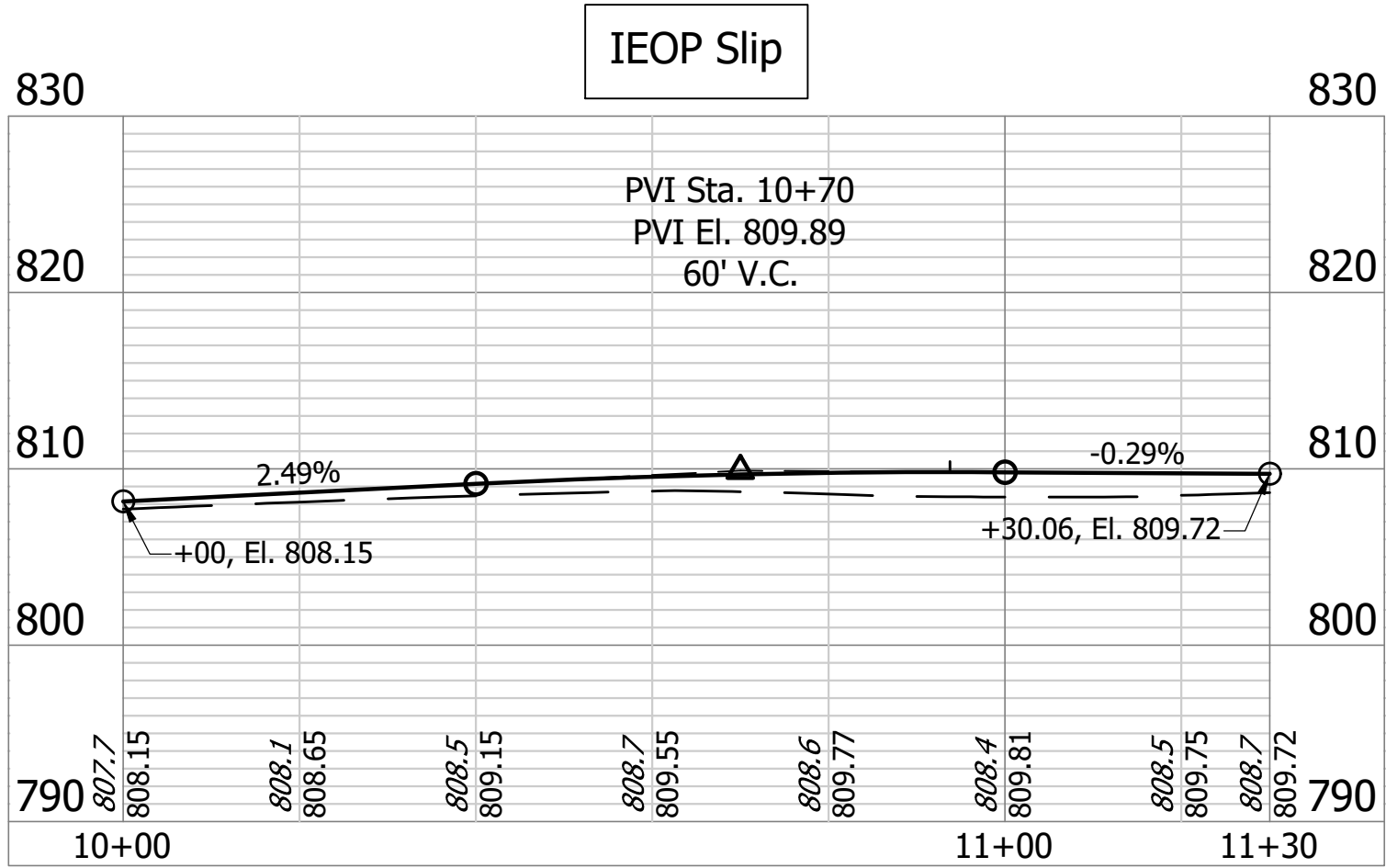
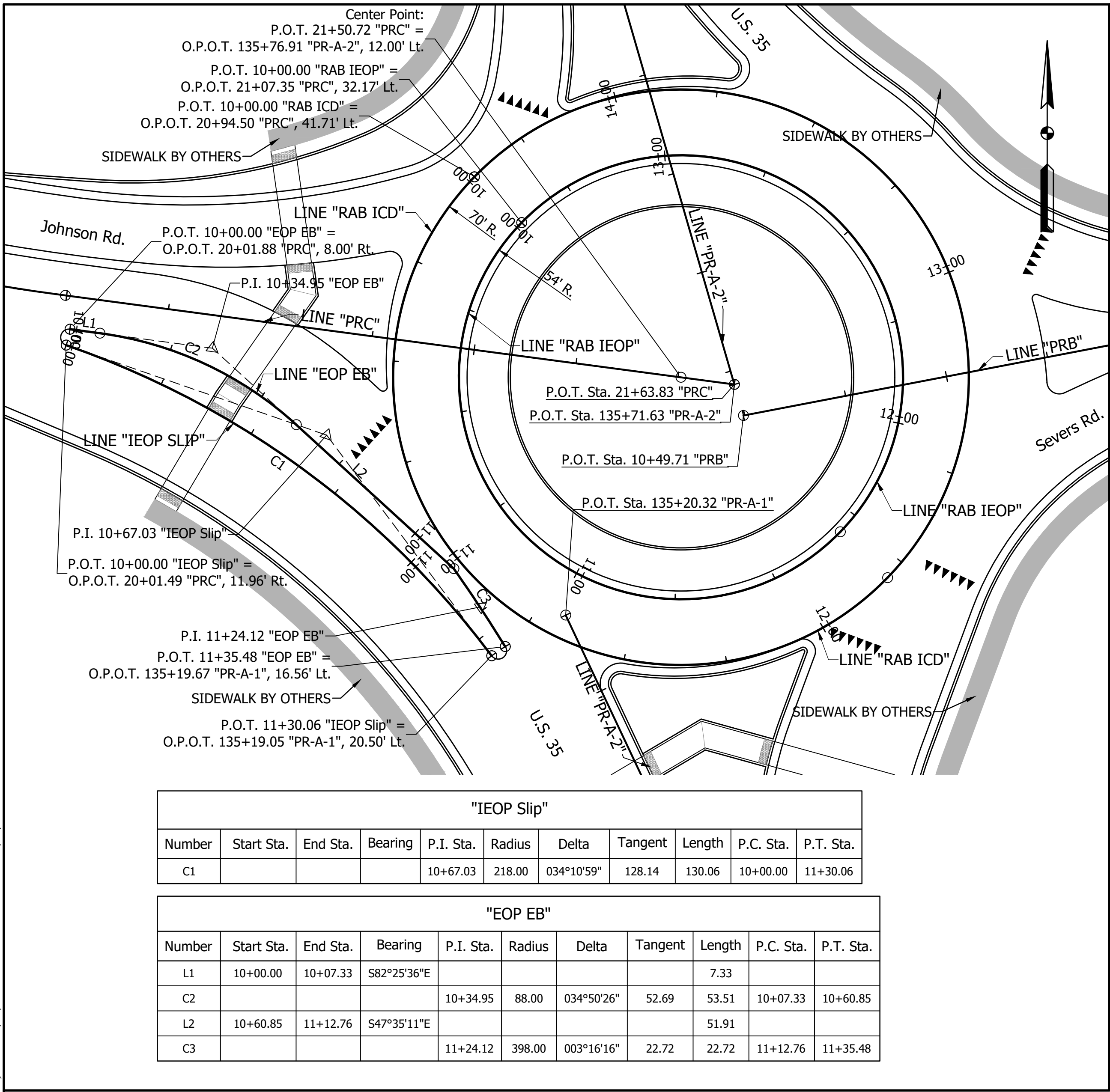
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	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION ROUNDAABOUT GEOMETRICS & VERTICALS EAST & WEST SPLITTER ISLANDS	SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: _____ AML _____ DRAWN: _____ GK _____		DESIGNATION 2200046	
	CHECKED: _____ BEH _____ CHECKED: _____ AML _____		SHEET 28 OF 66	
			CONTRACT R-44685	

7011
BFS NO.

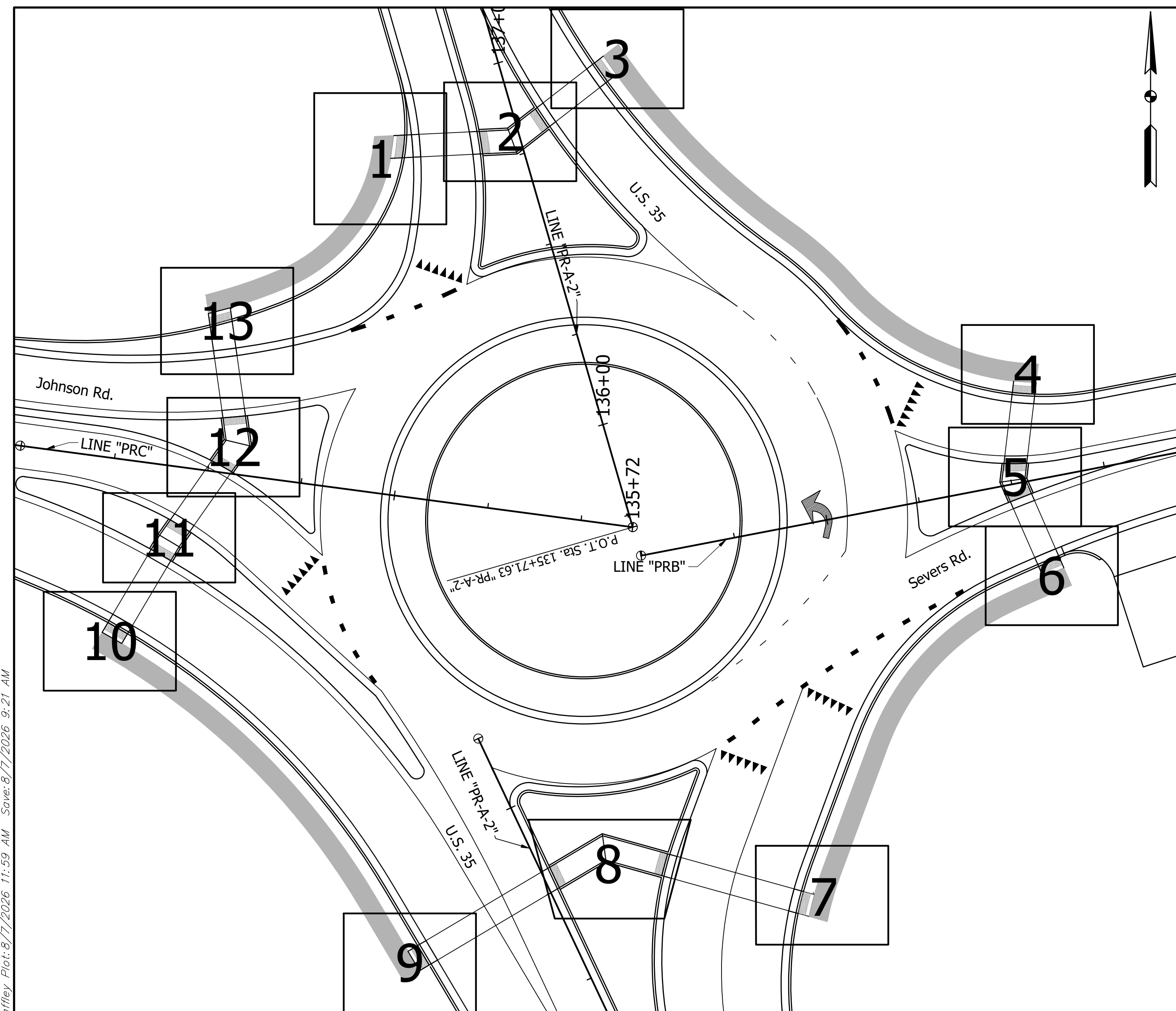
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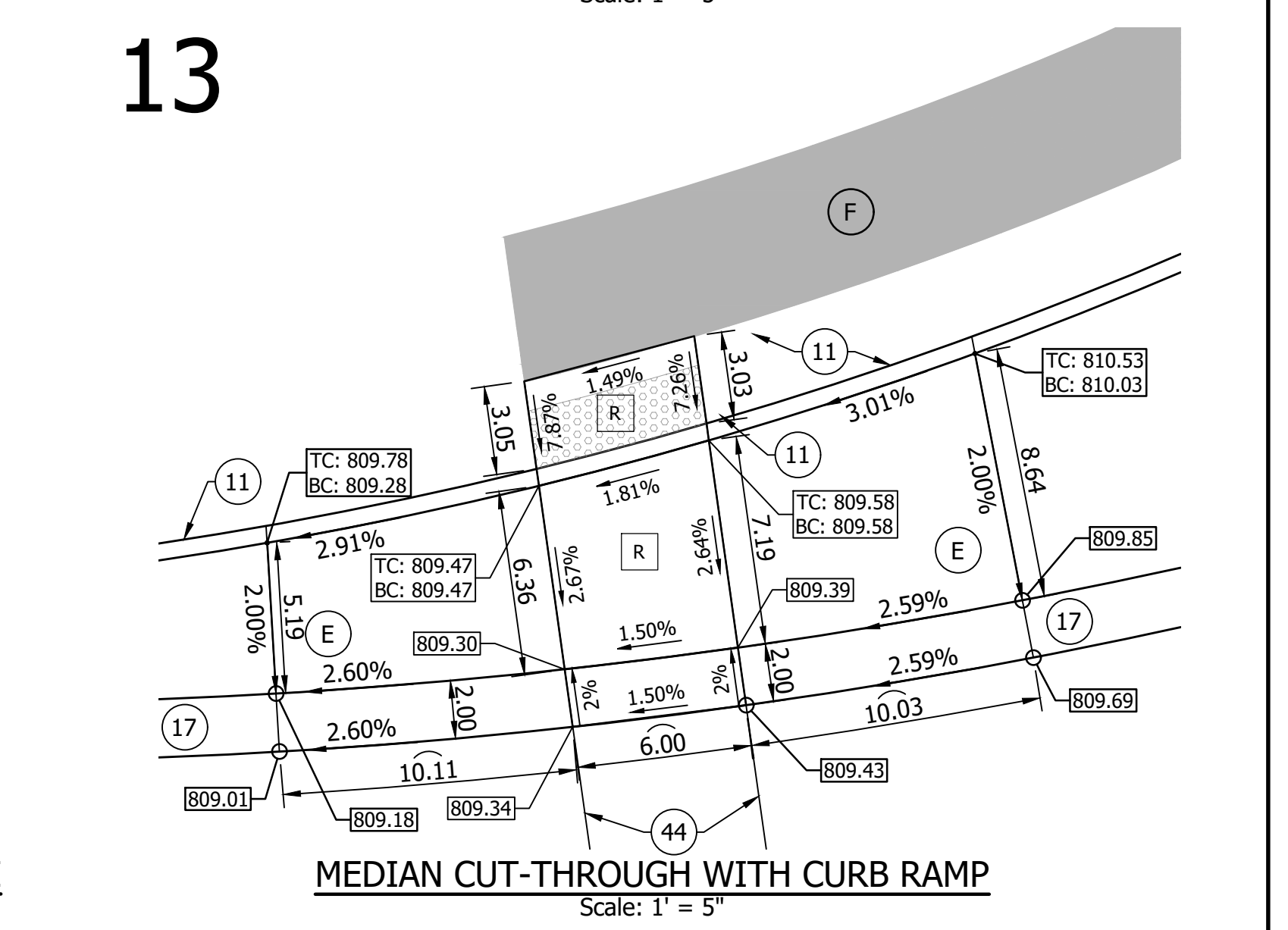
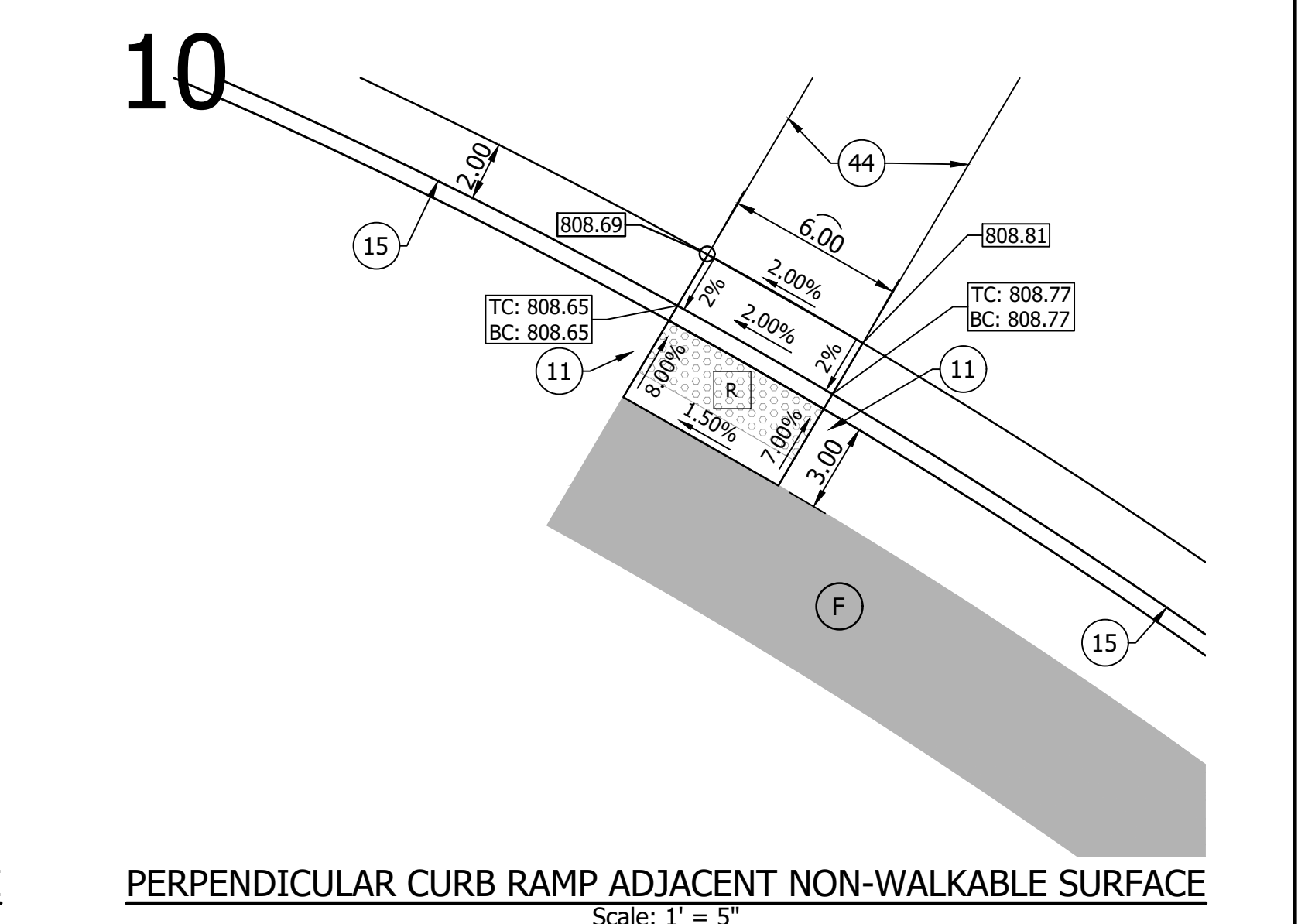
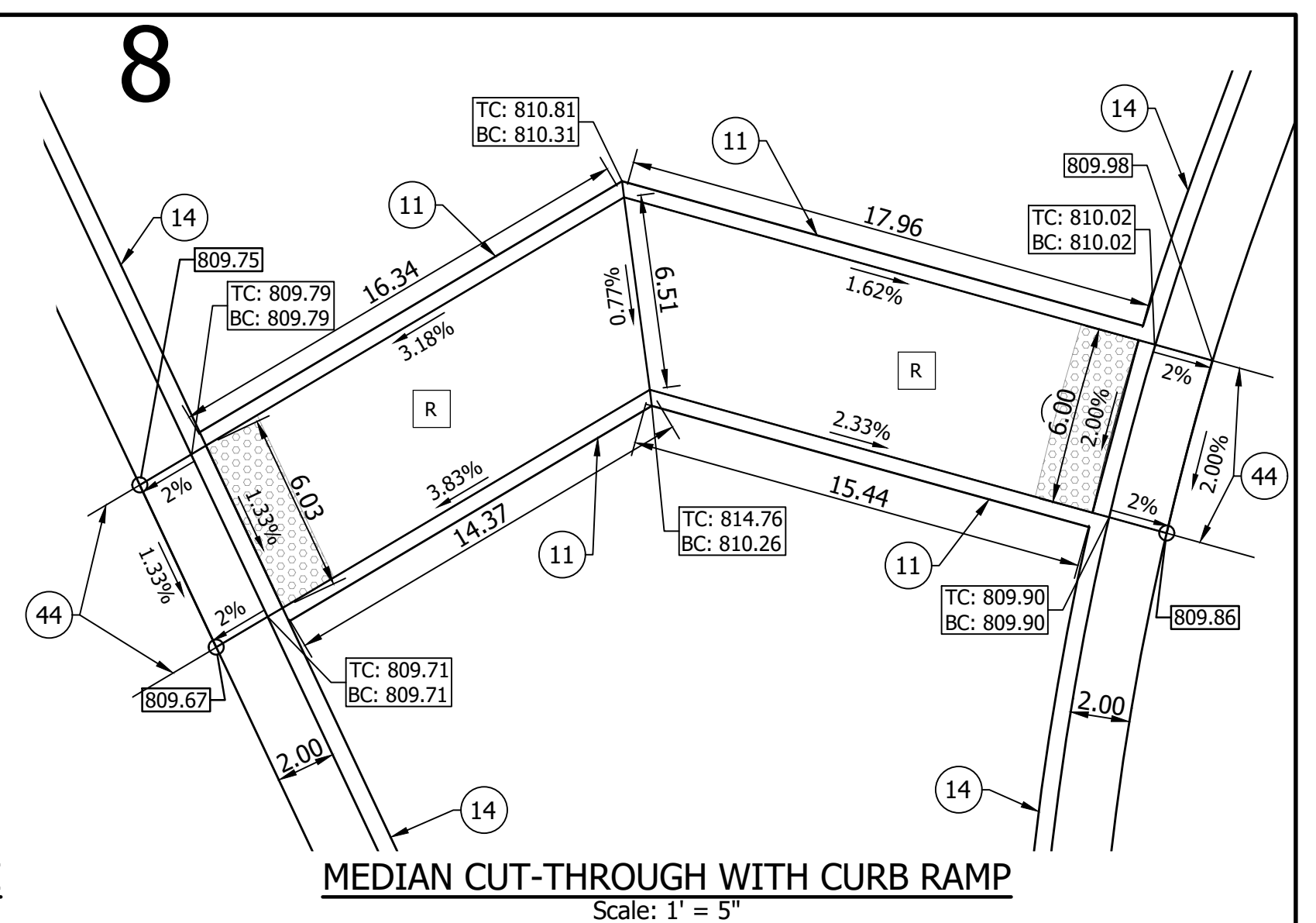
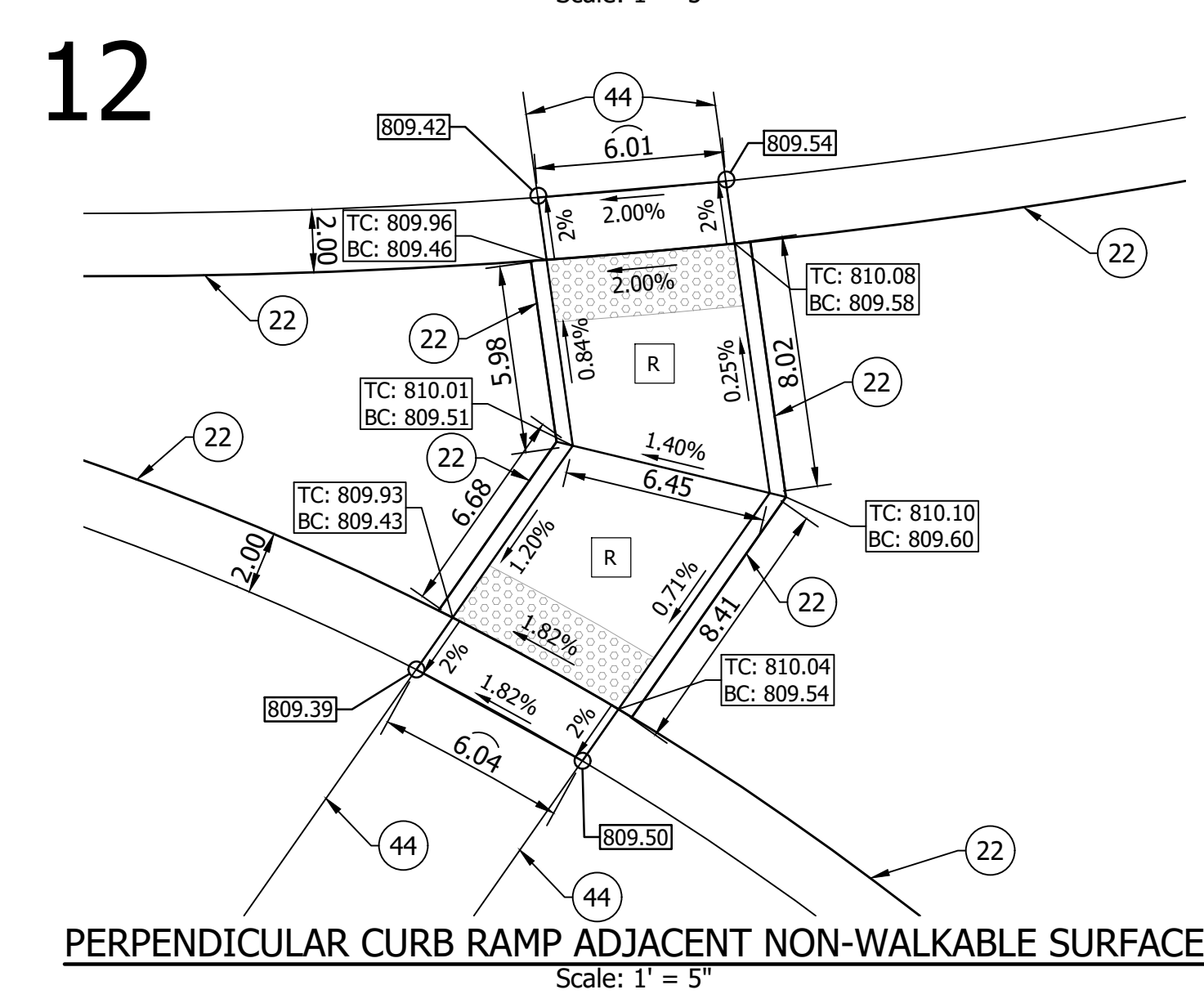
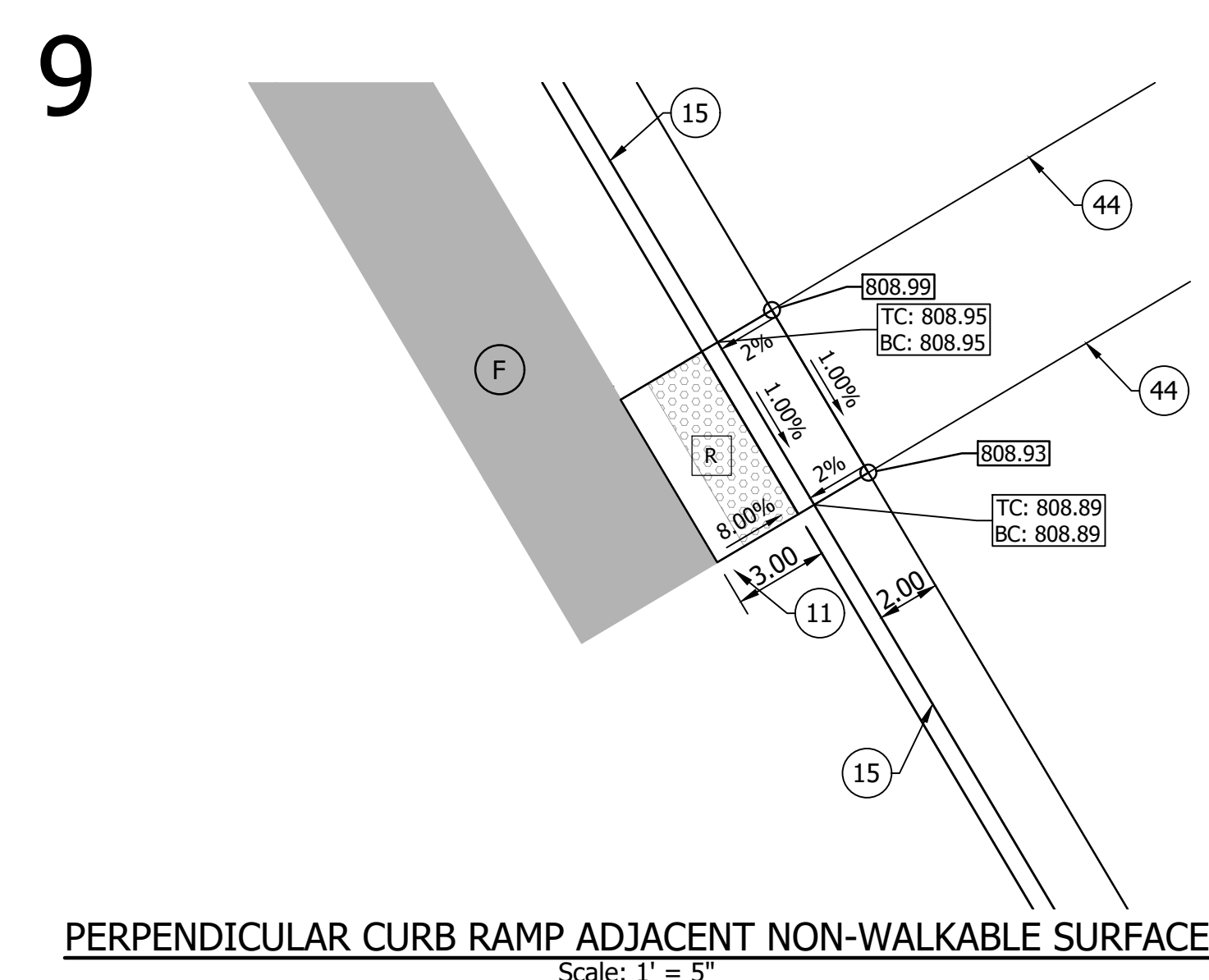
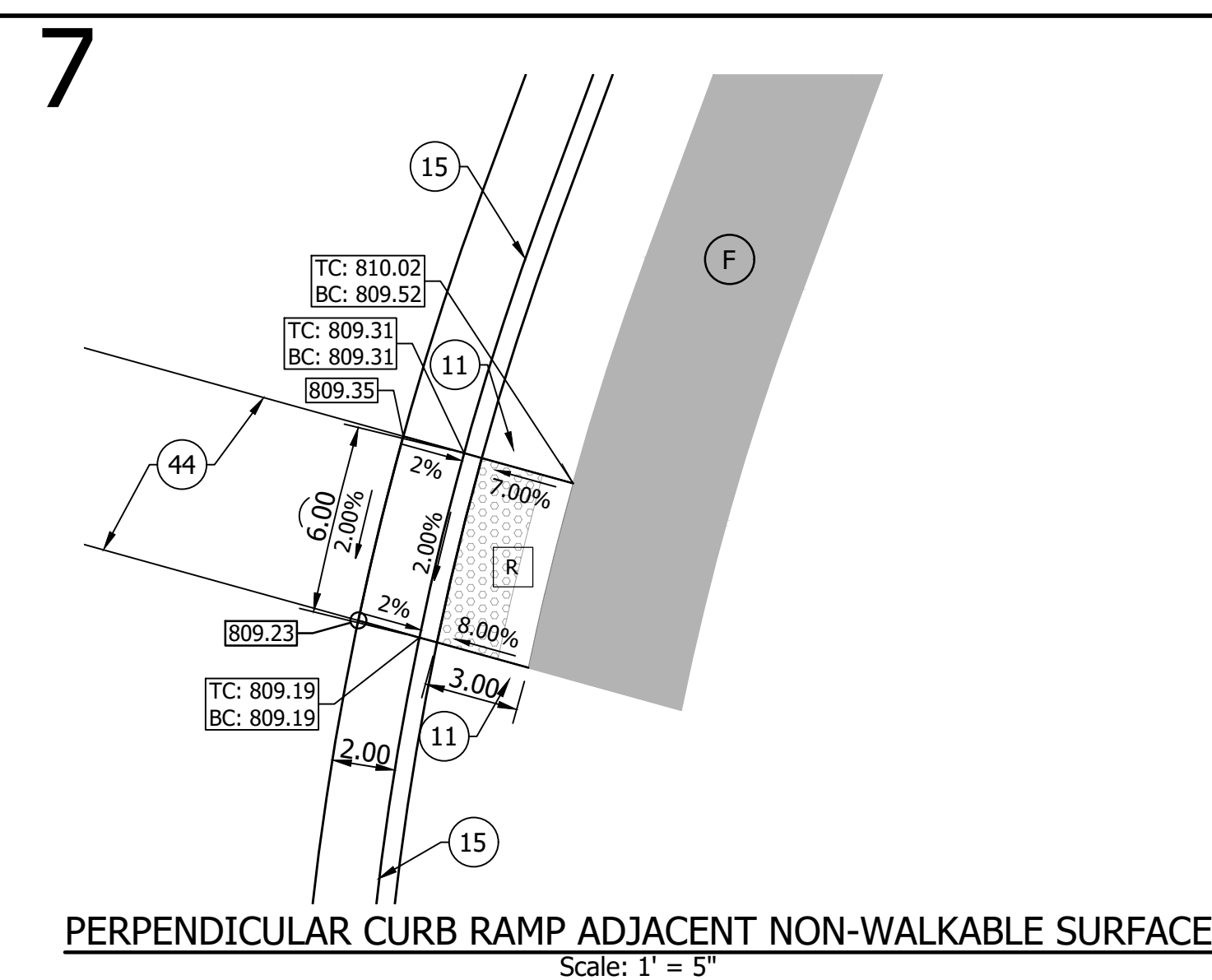
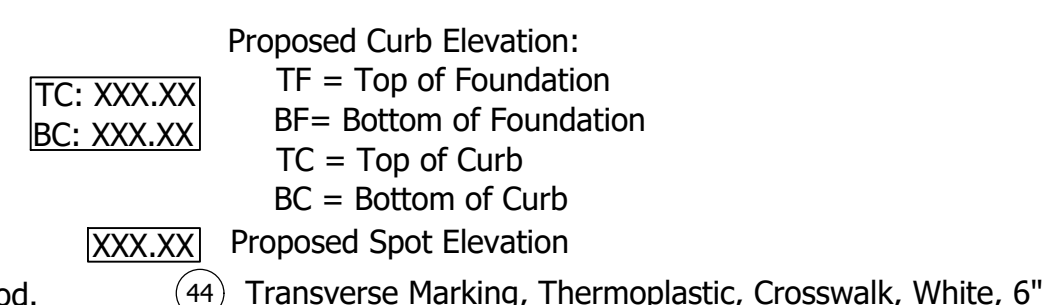
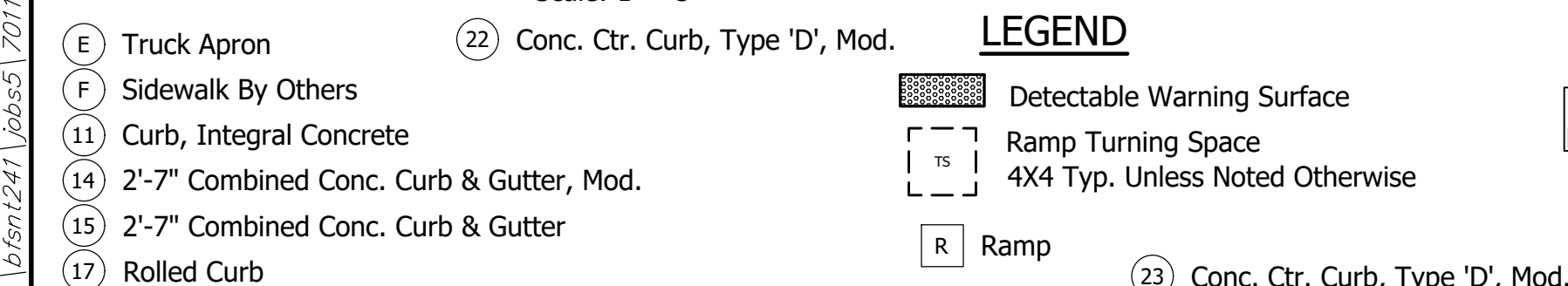
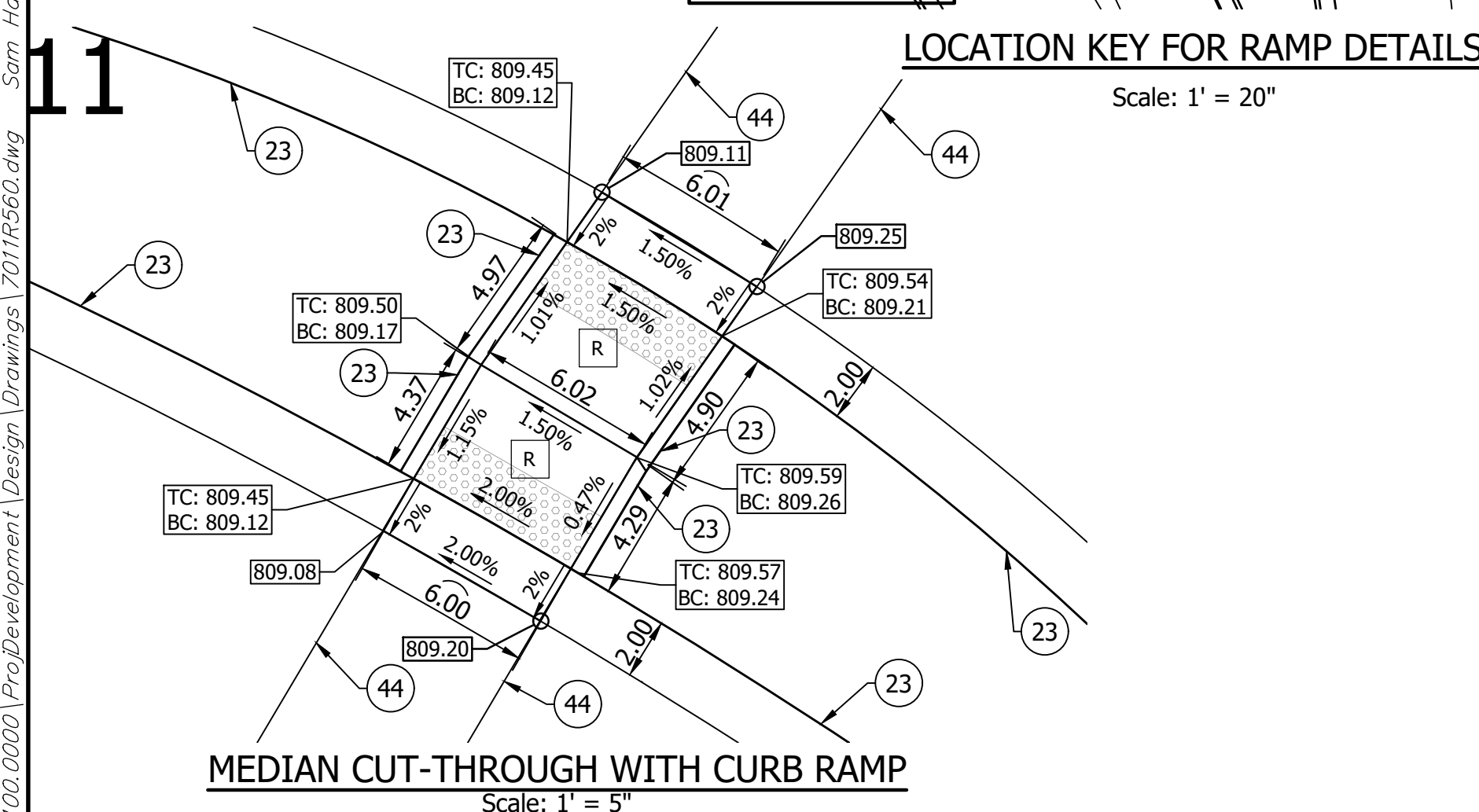
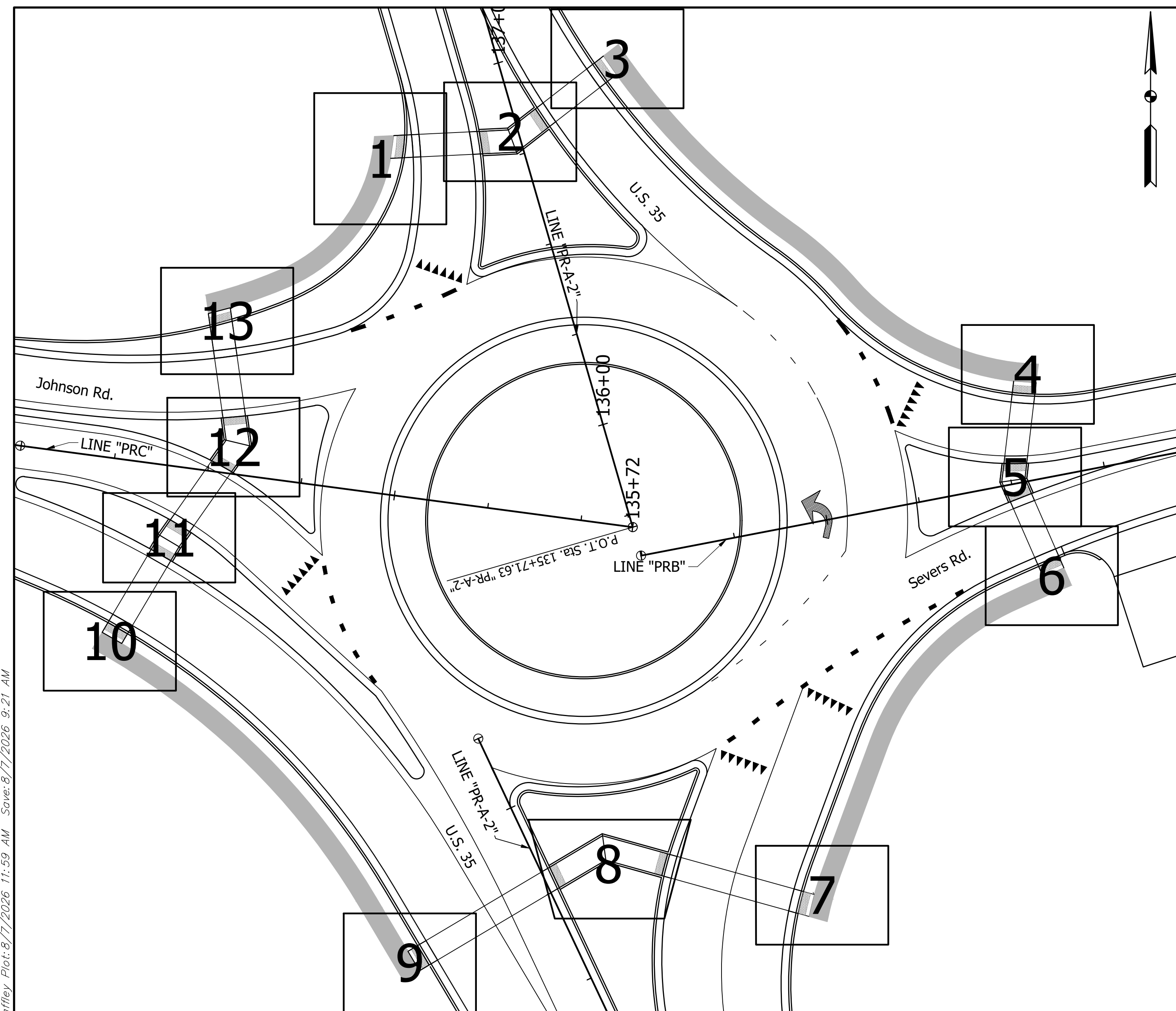


RAB ICD

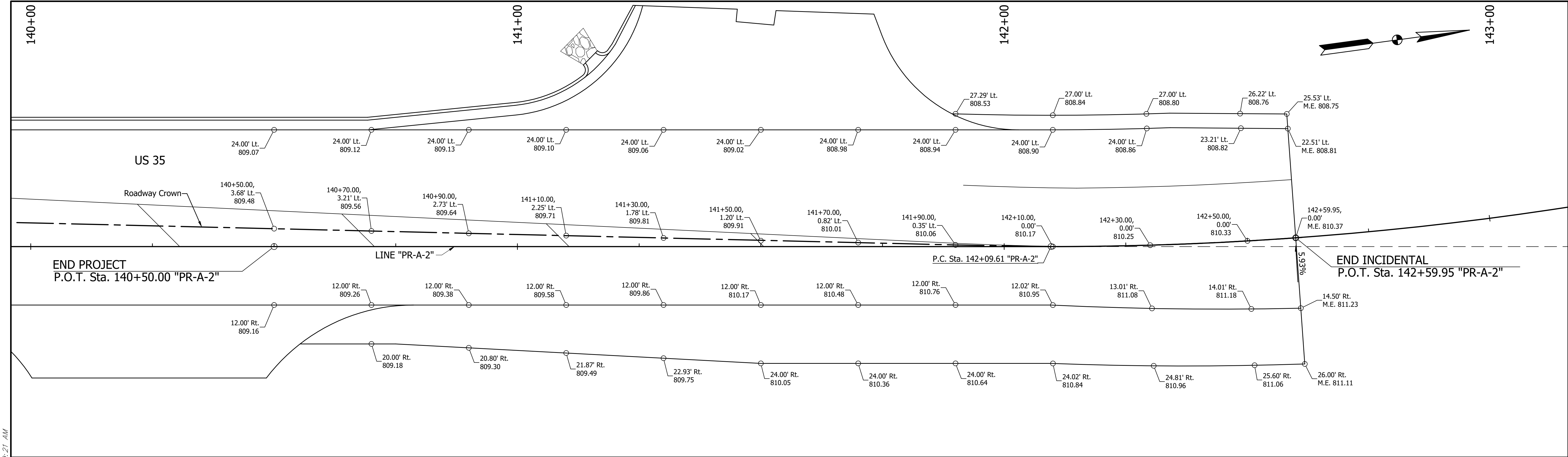
RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'	BRIDGE FILE
	ROUNDABOUT GEOMETRICS & VERTICALS SLIP LANE & CIRCULAR PATH		DESIGNATION 2200046	
	DESIGNED: AML	DRAWN: GK	SHEET 29 OF 66	
	CHECKED: BEH	CHECKED: AML	CONTRACT R-44685	

7011
BFS NO.





	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE AS SHOWN		BRIDGE FILE	
							DESIGNATION 2200046	
	DESIGNED: _____ KLG DRAWN: _____ KLG		CURB RAMP DETAILS				SHEET 31 OF 66	
	CHECKED: _____ GK CHECKED: _____ AML						CONTRACT R-14685	



US 35 NORTH LEG SPOT ELEVATIONS
Scale: 1' = 10"

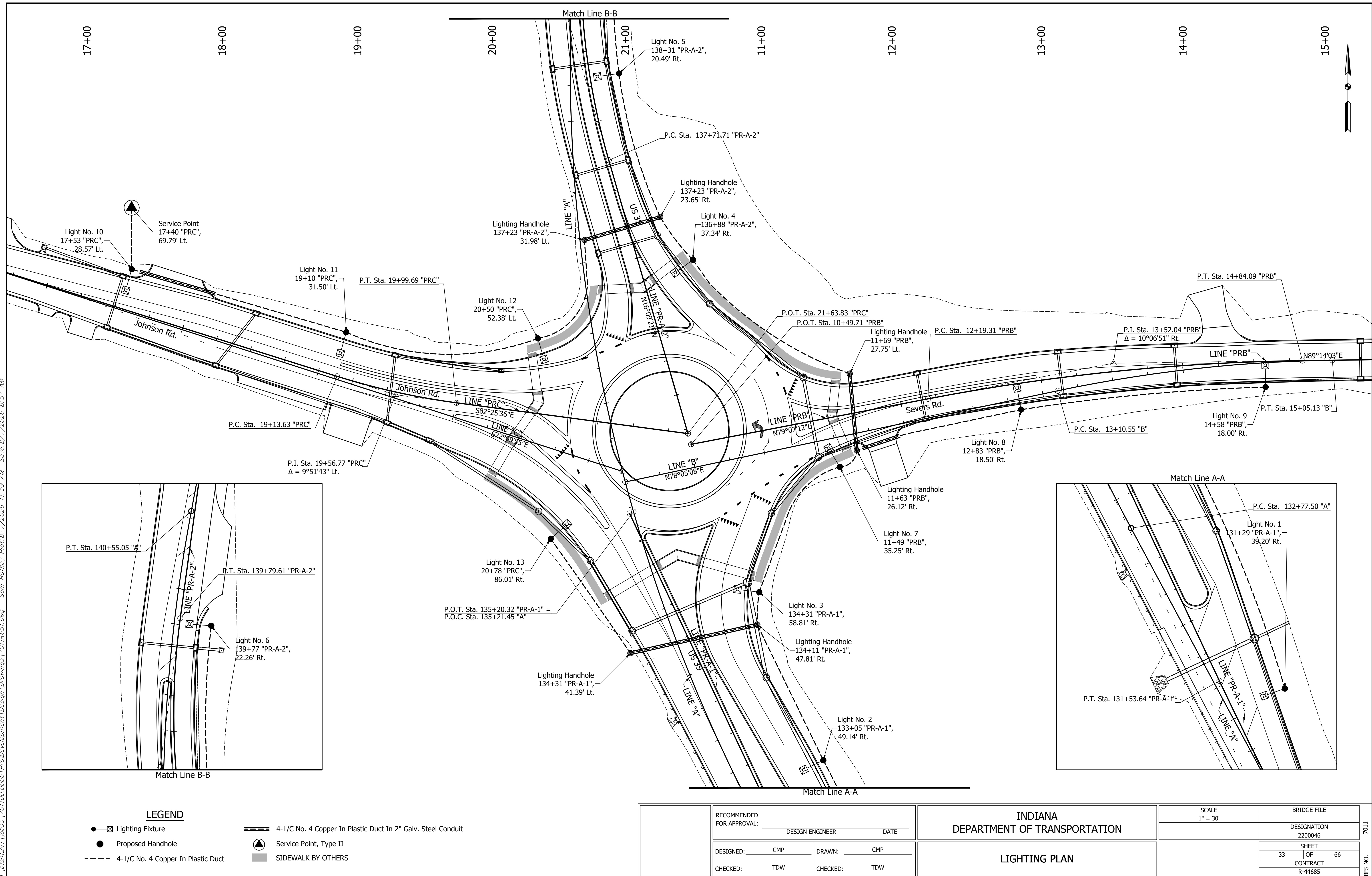
\\bsn1241\jbs5\701100.0000\ProjDevelopment\Design\Drawings\701R560.dwg Sam Hatley Plot: 8/7/2026 11:59 AM Save: 8/7/2026 9:21 AM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	
DESIGNED: _____ SHH	DRAWN: _____ SHH
CHECKED: _____ AML	CHECKED: _____ AML

INDIANA DEPARTMENT OF TRANSPORTATION	
INCIDENTAL SPOT ELEVATIONS LINE "PR-A-2"	

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 2200046
	SHEET 32 OF 66
	CONTRACT R-44685

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LEGEND

- Lighting Fixture
- Proposed Handhole
- 4-1/C No. 4 Copper In Plastic Duct
- Service Point, Type II
- 4-1/C No. 4 Copper In Plastic Duct
- SIDEWALK BY OTHERS

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	CMP	DRAWN: CMP
CHECKED:	TDW	CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2200046
	SHEET 33 OF 66
	CONTRACT R-44685

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LIGHTING SUMMARY TABLE													
	CIRCUIT A-1												
Luminaire No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Circuit Connection	R	B	R	R	R	B	B	R	B	B	R	B	R
Connection Type	1	2	2	2	2	1	2	2	1	2	2	2	1
Pole Setback from Face of Curb (ft.)	8.5	5	8	11	6.5	8	12	4.5	4	5.5	5.5	11	12
Mast Arm Length (ft.)	10	10	10	10	10	10	10	10	10	10	10	10	10

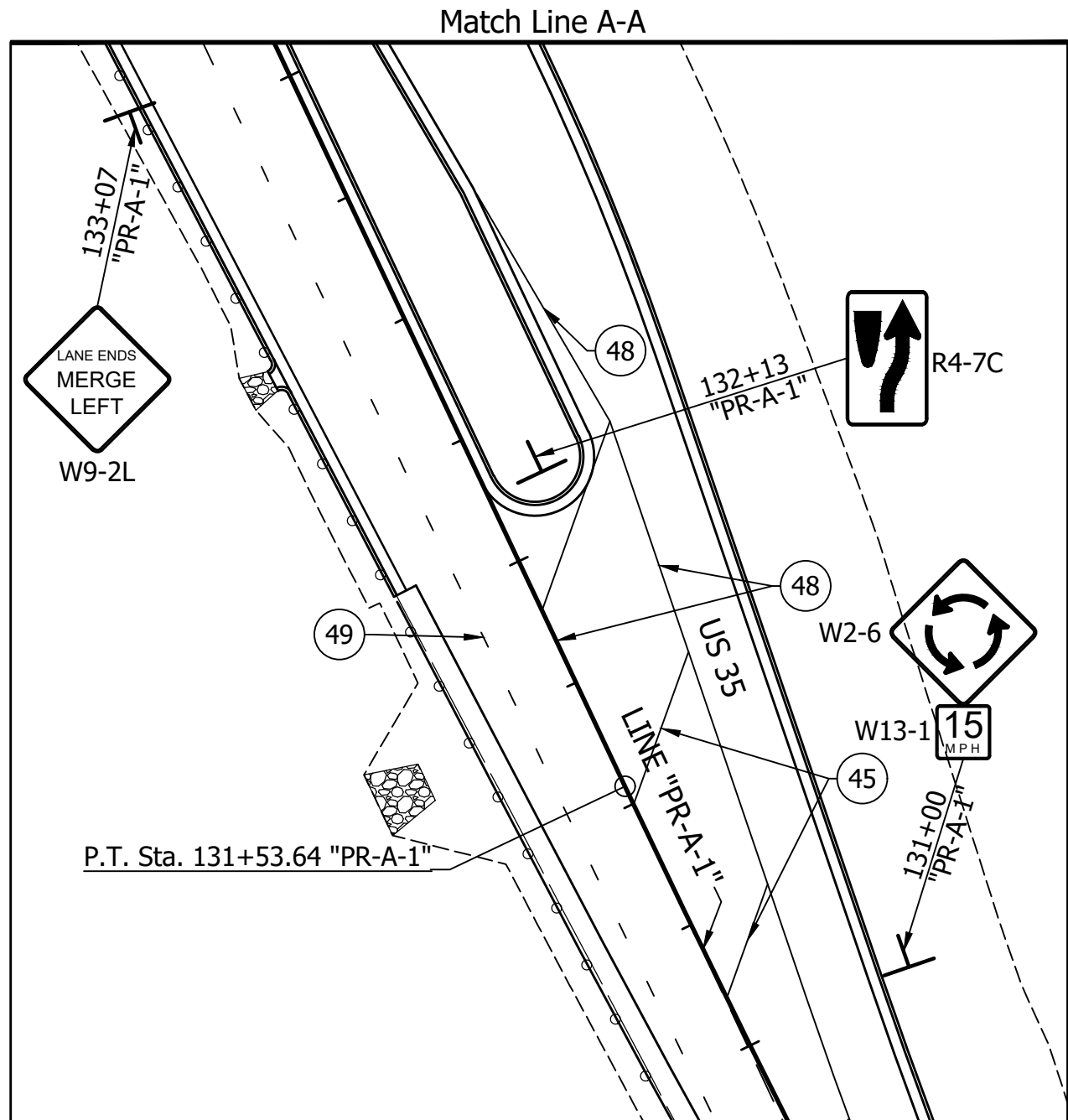
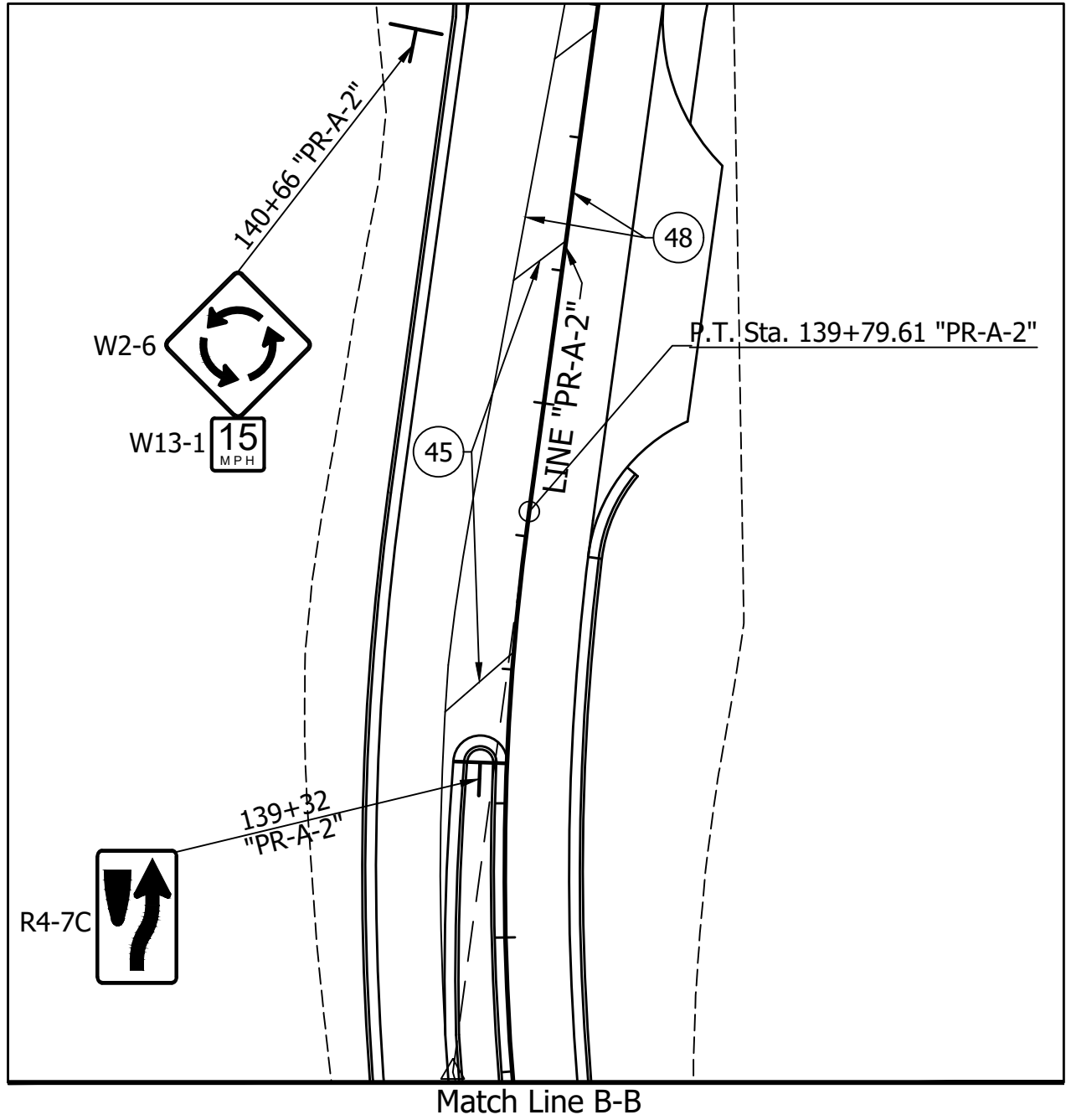
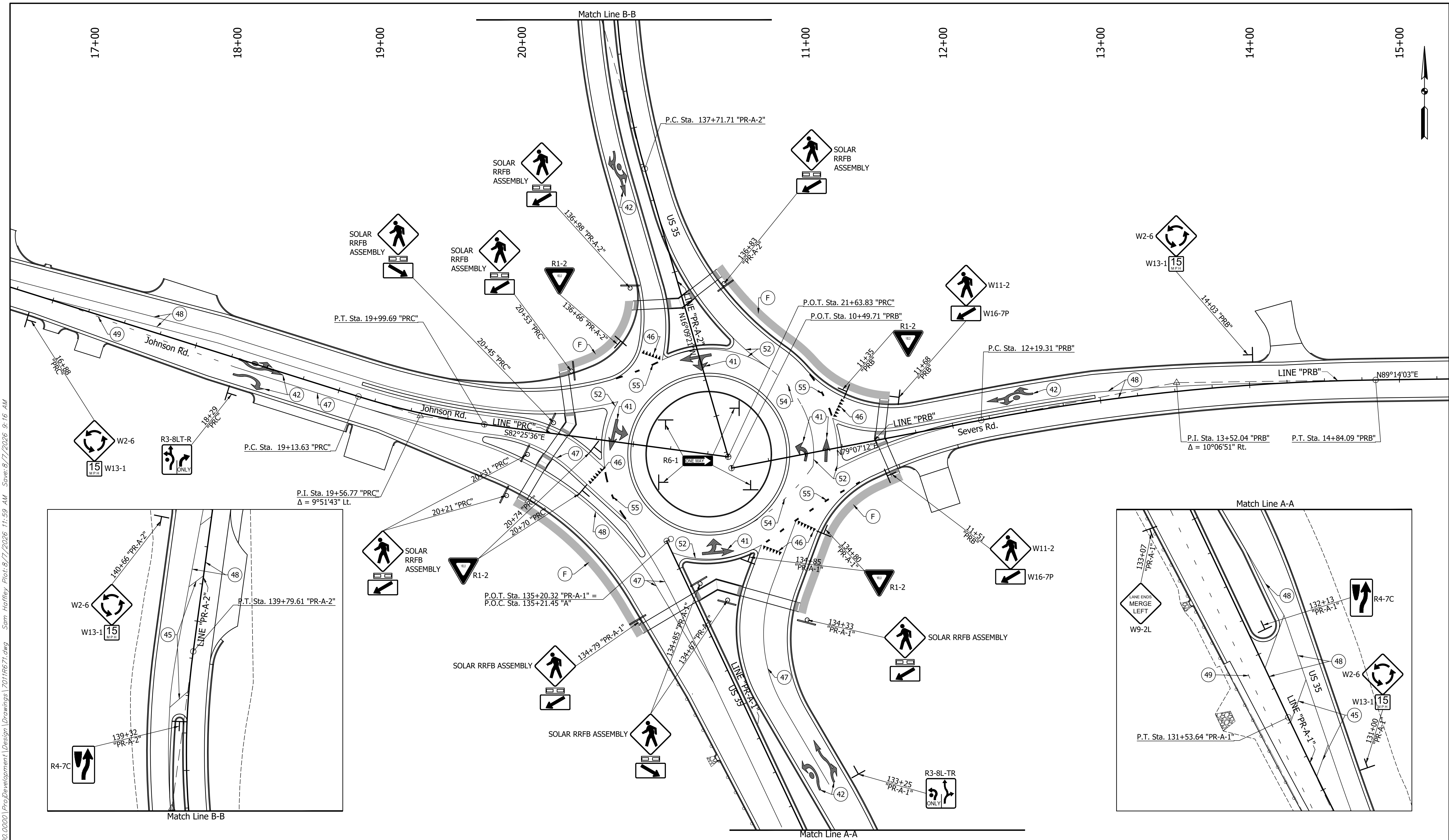
LIGHTING SERVICE POINT				
Service Point	Main Breaker	Branch Circuit	Computed Branch Circuit Amperage	Branch Circuit Breaker Rating
A	100 Amp	A-1 (Red)	2.452	30 Amps
		A-2 (Black)	1.796	30 Amps

LIGHTING DATA	
I.E.S. Distribution	Type III
Voltage	120 V
Pavement Classification	R3
Lamp Lumen Deprediation Factor (LLD)	0.90
Luminaire Dirt Depreciation Factor (LDD)	0.87
Lamp Type	177 W - LED
Initial Lamp Lumen (LL)	23,000 Lumens
Average Maintained Illuminance (Eh.)	1.5 fc
Uniformity Ratio	0.78
Effective Mounting Height	30 Ft.

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE N/A	BRIDGE FILE
	DESIGNED: _____ CMP _____ DRAWN: _____ CMP _____		DESIGNATION 2200046	
	CHECKED: _____ TDW _____ CHECKED: _____ TDW _____	LIGHTING TABLES		SHEET 34 OF 66
			CONTRACT R-44685	

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BFS NO.

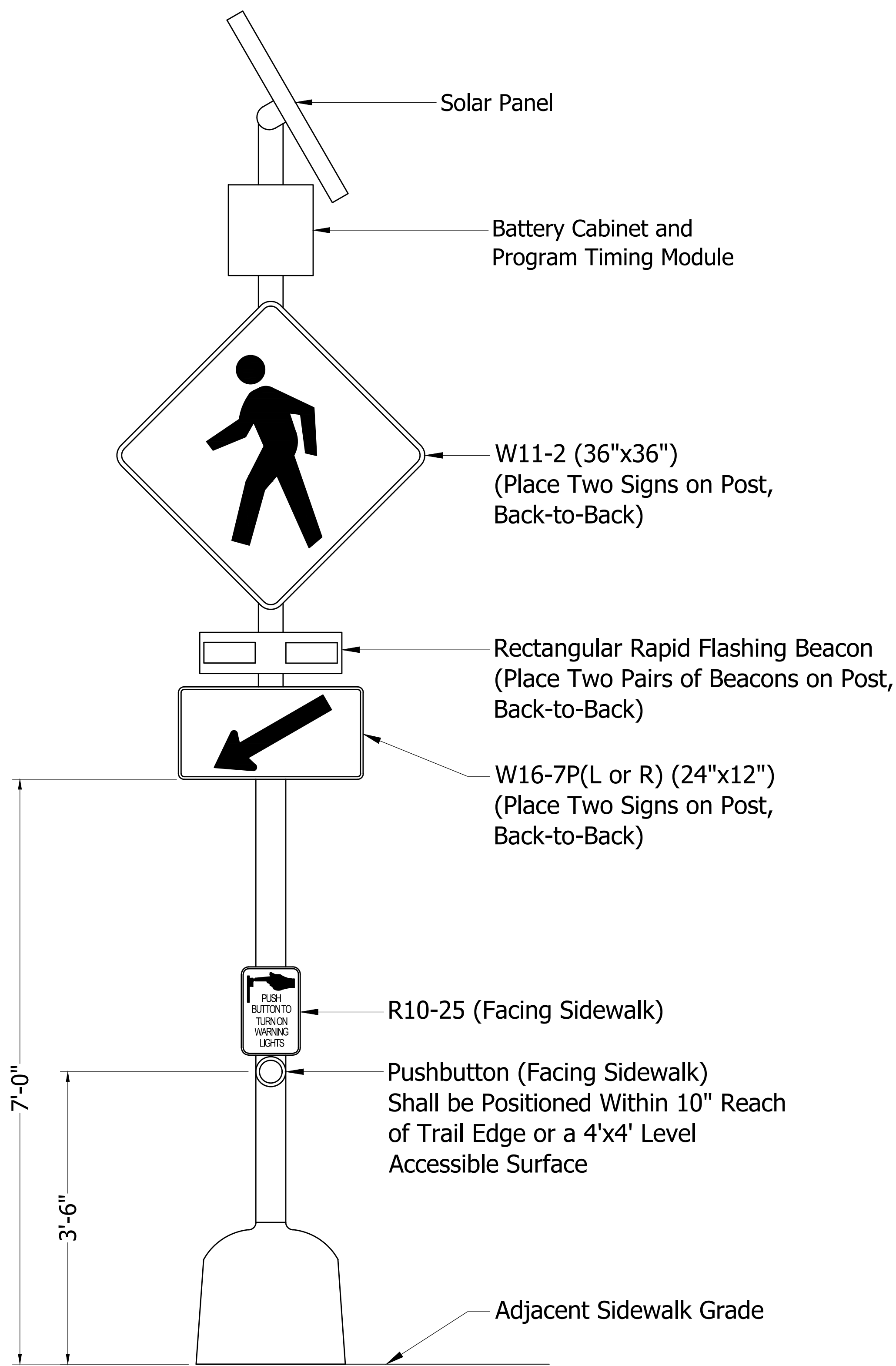
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LEGEND			
	Ground Mounted, Sheet Sign		Transverse Markings, Thermoplastic, Yield Triangle, White
	Pavement Message Marking, Thermoplastic, Lane Indication Arrow		Line, Thermoplastic, Solid, White, 8"
	Pavement Message Marking, Thermoplastic, Fish Hook Arrow		Line, Thermoplastic, Solid, White, 6"
	Sidewalk By Others		Line, Thermoplastic, Solid, Yellow, 6"
			Line, Thermoplastic, Dotted, White, 12" (3' Line, 2' Gap)
			Line, Thermoplastic, Broken, White, 6" (10' Line, 30' Gap)

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 30'		BRIDGE FILE	
					DESIGNATION 2200046			
	DESIGNED: _____ CMP _____ DRAWN: _____ CMP _____		PAVEMENT MARKINGS AND SIGNAGE		SHEET 35 OF 66		7011	
	CHECKED: _____ TDW _____ CHECKED: _____ TDW _____				CONTRACT R-44685			
						SFS NO.		

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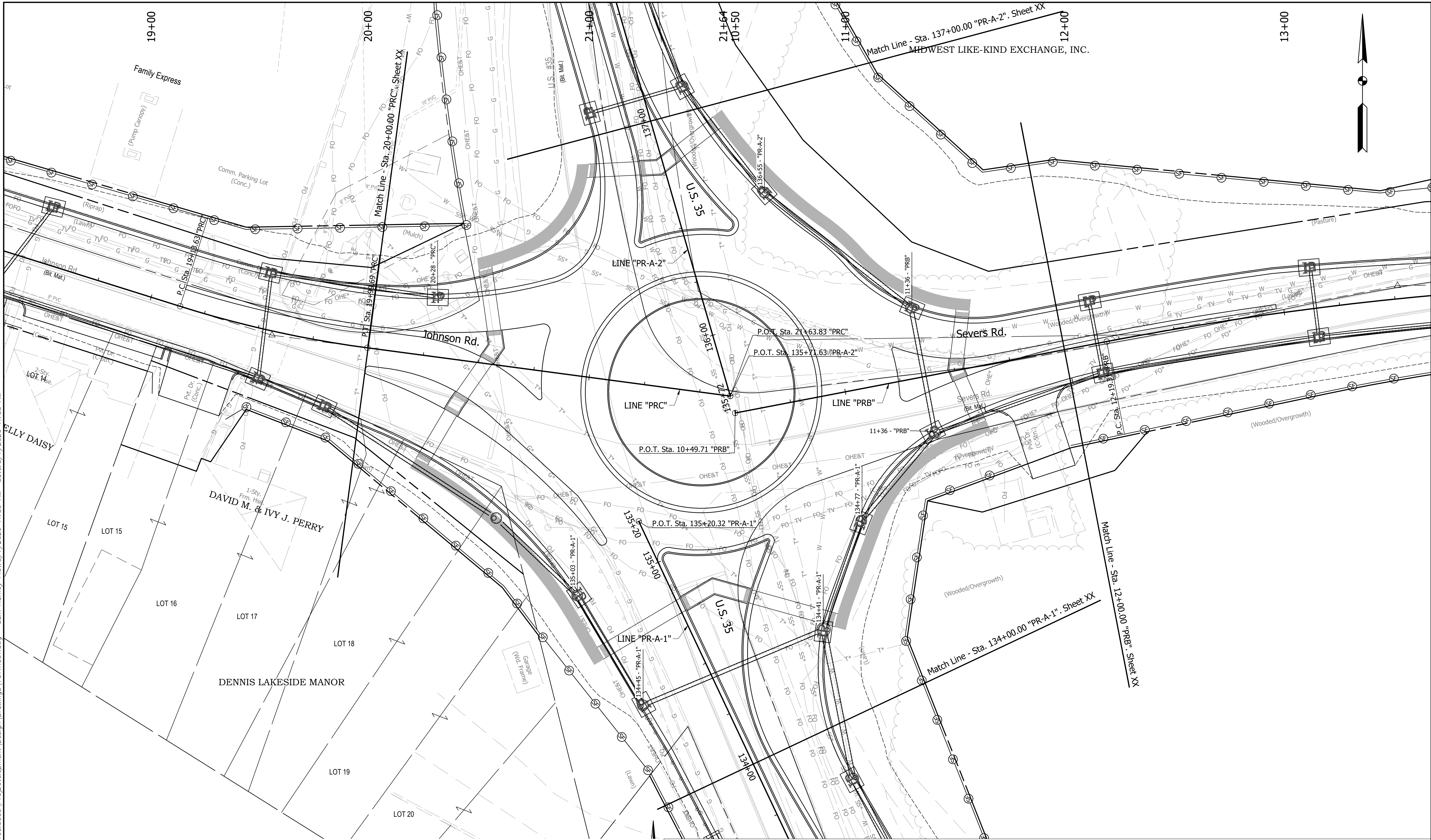
RRFB ASSEMBLY DETAIL

NOTE:
Assemblies with Solar Power Shall Be Mounted On 16'
Pedestal and Type A Foundation.

SHEET SIGN & POST SUMMARY															
SIGN										POST					
PLAN SHEET NO./LINE	SIGN LOCATION STA.	SIGN CODE	SIGN SIZE (in.)	ENCAPSULATED LENS METAL THICKNESS AND SIGN AREA (SFT)			ENCLOSED LENS METAL THICKNESS AND SIGN AREA (SFT)			SQUARE					
										2" x 2" x 14 Ga.					
				THCKNESS OF METAL (IN.)			THCKNESS OF METAL (IN.)			REINFORCED			UNREINFORCED		
										POST LENGTH (FT.)			POST LENGTH (FT.)		
				0.080	0.100	0.125	0.080	0.100	0.125	1	2	TOTAL	1	2	TOTAL
Line "PR-A-1"															
	131+00	W2-6	30 x 30				6.25			10.50					
		W13-1	18 x 18				2.25								
	132+13	R4-7	24 x 30				5.00			10.00					
	133+07	W9-2L	30 x 30				6.25			10.00					
	133+25	R3-8L-TR	30 x 30				6.25			10.00					
	134+33	RRFB													
	134+67	RRFB													
	134+79	RRFB													
	134+80	R1-2	30 x 30 x 30				2.71			10.00					
	134+85	RRFB													
	134+85	R1-2	30 x 30 x 30				2.71			10.00					
Line "PR-A-2"															
	136+66	R1-2	30 x 30 x 30				2.71			10.00					
	136+83	RRFB													
	136+98	RRFB													
	139+32	R4-7	24 x 30				5.00			10.00					
	140+66	W2-6	30 x 30				6.25			10.50					
		W13-1	18 x 18				2.25								
Line "PRB"															
	11+35	R1-2	30 x 30 x 30				2.71			10.00					
	11+51	W11-2	30 x 30				6.25			10.00					
		W16-7P	24 x 12				2.00								
	11+68	W11-2	30 x 30				6.25			10.00					
		W16-7P	24 x 12				2.00								
	14+03	W2-6	30 x 30				6.25			10.50					
		W13-1	18 x 18				2.25								
Line "PRC"															
	16+88	W2-6	30 x 30				6.25			10.50					
		W13-1	18 x 18				2.25								
	18+29	R3-8LT-R	30 x 30				6.25			10.00					
	20+21	RRFB													
	20+31	RRFB													
	20+45	RRFB													
	20+53	RRFB													
	20+70	R1-2	30 x 30 x 30				2.71			10.00					
	20+74	R1-2	30 x 30 x 30				2.71			10.00					
Center Island															
		R6-1	36 x 12					3.00		7.50	7.50				
		R6-1	36 x 12					3.00		7.50	7.50				
		R6-1	36 x 12					3.00		7.50	7.50				
		R6-1	36 x 12					3.00		7.50	7.50				

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE N/A	BRIDGE FILE
	DESIGNED: _____ CMP _____ DRAWN: _____ CMP _____		DESIGNATION 2200046	
	CHECKED: _____ TDW _____ CHECKED: _____ TDW _____		SHEET 36 OF 66	
			CONTRACT R-44685	
SIGNAGE DETAILS				

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LEGEND

Temporary Silt Fence

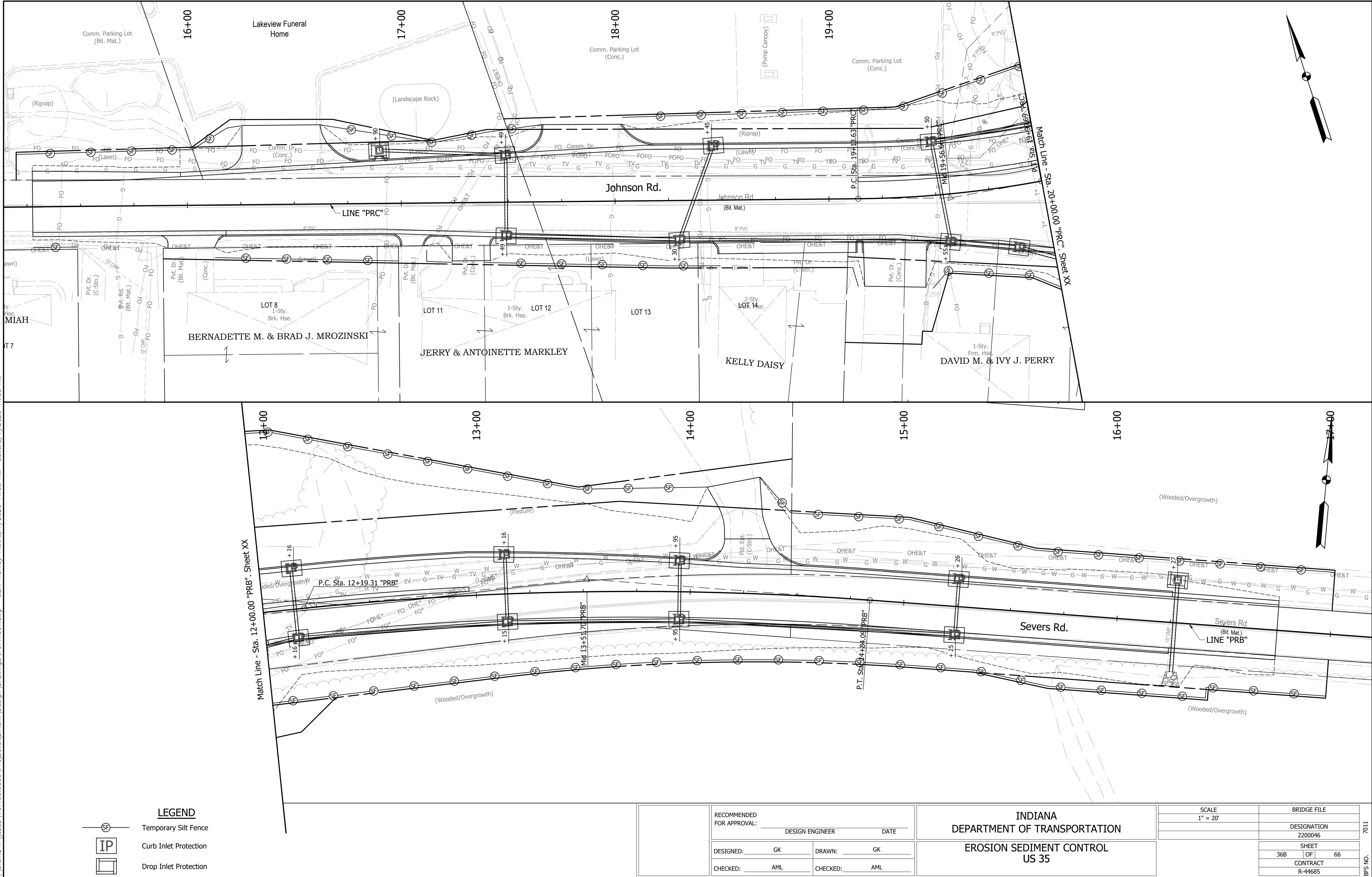
Curb Inlet Protection

Drop Inlet Protection

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLAN US 35 AND JOHNSON/SEVERS RD.	SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: GK DRAWN: GK		DESIGNATION 2200046	
	CHECKED: AML		SHEET 36A OF 66	
	CHECKED: AML		CONTRACT R-44685	

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LEGEND

— SF — Temporary Silt Fence

IP Curb Inlet Protection

Drop Inlet Protection

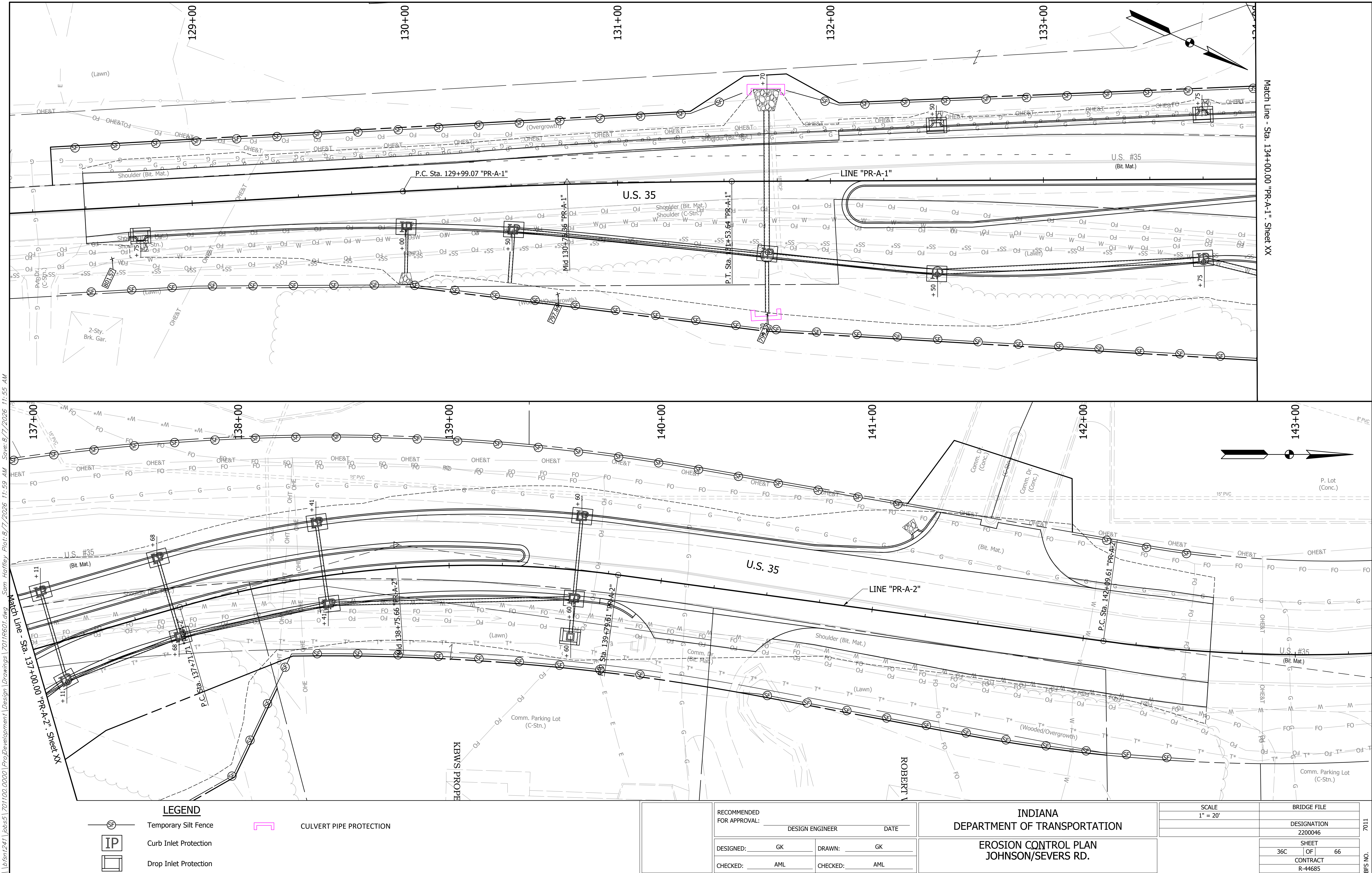
RECOMMENDED FOR APPROVAL:	
DESIGN ENGINEER	DATE
DESIGNED: GK	DRAWN: GK
CHECKED: AML	CHECKED: AML

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION SEDIMENT CONTROL
US 35

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 2200046
	SHEET 36B OF 66
	CONTRACT R-44685

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LEGEND	
	Temporary Silt Fence
	Curb Inlet Protection
	Drop Inlet Protection
	CULVERT PIPE PROTECTION

RECOMMENDED FOR APPROVAL:	
DESIGN ENGINEER	DATE
DESIGNED: GK	DRAWN: GK
CHECKED: AML	CHECKED: AML

INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL PLAN JOHNSON/SEVERS RD.	

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 2200046
	SHEET 36C OF 66
	CONTRACT R-44685

\\bfs1241\jbs51\jbs51\701100_0000\ProDevelopment\Drawings\7011605.dwg Sam Haffley Plot:8/17/2026 12:00 PM Save:8/17/2026 11:55 AM

Construction Stormwater General Permit (CSGP) Checklist - Section A: Construction Plan Elements		CSGP Checklist - Section A: (Continued)		CSGP Checklist - Section B: (Continued)		CSGP Checklist - Section B: (Continued)																																																																											
A-1	Index Of The Location Of Required Plan Elements In The Construction Plan See Sheet ## Of ##. Plan Elements A2-A31, B1-B15, & C1-C6 Have Also Been Addressed On This Sheet And Are As Follows:	A-21	Locations Where Stormwater May Be Directly Discharged Into Ground Water, Such As Abandoned Wells, Sinkholes, Or Karst Features Potential Locations For Groundwater Infiltration Include Roadside Ditches.	B-9	Dewatering Applications And Management Methods (Basin Outlet Measures, Flocculants, etc.) A Three Sided Structure At Sta. 327+40 "D" Will Be Extended On The North And South Side Of US 20. This Work Will Take Place In-Stream. A Pump Around Will Be Required During The Construction Of The Extensions. As Coordinated With The INDOT Environmental Services, A Construction In A Floodway Permit Will Not Be Required For This Project.	B-12	(Continued) Construction: Erosion Control Plans Have Been Phased To Coincide With The Maintenance Of Traffic Plans. Phase 1:																																																																										
A-2	A Vicinity Map Depicting The Project Site Location In Relation To Recognizable Local Landmarks, Towns, And Major Roads See Title Sheet.	A-22	Size Of The Project Area Expressed In Acres 42.85 Acres. (Project Area To Match NOI Application)	B-10	Measures Utilized For Work Within Waterbodies (Crossings, Coffe Dams, etc.) Temporary Coffe Dams Are Utilized For Pump Arounds. See The Erosion Control Sheets For Locations Of Pump Arounds And Corresponding Temporary Coffe Dams.		A. Establish Construction Entrances.																																																																										
A-3	Narrative Of The Nature And Purpose Of The Project The Purpose Of The Project Is Making Improvements To US 20, Adding a Two-Way Left Turn Lane And Widening Shoulders.	A-23	Total Expected Land Disturbance Expressed In Acres 28.78 Acres (Land Disturbance To Match NOI Application)	B-11	Maintenance Guidelines For Each Proposed Temporary Stormwater Quality Measure The Contractor Shall Maintain All Water Quality Measures During Construction To Prevent Any Blockages From Accumulated Sediment. Monitoring Of The Protective Measures Shall Be Done On A Weekly Basis And Again Within 24 Hours Of Every Half-Inch Rain Event.		B. Contractor Shall Construct Concrete Washouts. Contractor Shall Coordinate Location Of Concrete Washouts At The Direction Of The Engineer.																																																																										
A-4	Latitude And Longitude To The Nearest Fifteen (15) Seconds (In Decimal Representation, This Should Match The NOI) (Approximate) Latitude: 41.6875, Longitude: -86.7375.	A-24	Proposed Final Topography Refer To The Plan & Profile & Cross Section Sheets For Final Topography.	B-11	(Continued) Maintenance Shall Include A Written Record Of Each Inspection That Is Made Within 24 Hours Of A Rain Event And Weekly. The Written Record Shall Be Kept On Site And Made Available Upon Request.		C. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Filter Sock, Protected Resource Fence, Protected Resource Signs, Rock Check Dams, Erosion Control Blankets, and Riprap.																																																																										
A-5	Legal Description Of The Project Site Sections 1, 2, and 12; Township 37N; Range 3W; Sections 6 and 7; Township 37N; Range 2W; From SR 39 To 2.88 Miles East Of SR 39 (Fall Rd.).	A-25	Locations And Approximate Boundaries Of All Disturbed Areas See The Plan & Profile Sheets For Construction Limits.				D. The Contractor Shall Coordinate With The Engineer On The Location Of The Following Construction Areas Prior To Implementation: Staging Areas, Boring/Receiving Pits, Material Storage Areas, & Fueling Stations.																																																																										
A-6	11x17 Inch Plat With Building, Lots, Boundaries, Road Layout Names See Plat No. 1 Sheets. (If No Plat 1, See Plan & Profile Sheets)	A-26	Location, Size, And Dimension Of All Stormwater Drainage Systems, Such As Culverts, Storm Sewers, And Conveyance Channels <table><tr><th>Location</th><th>Dimensions</th></tr><tr><td>270+03 "PR-D"</td><td>3'x2' Box Culvert</td></tr><tr><td>281+02 "PR-D"</td><td>24" Diameter Culvert</td></tr><tr><td>284+88 "PR-D"</td><td>15" Diameter Culvert</td></tr><tr><td>290+55 "PR-D"</td><td>24" Diameter Culvert</td></tr><tr><td>300+91 "PR-D"</td><td>4'x3' Box Culvert</td></tr><tr><td>302+72 "PR-D"</td><td>3'x2' Box Culvert</td></tr><tr><td>321+41 "D"</td><td>24" Diameter Culvert</td></tr><tr><td>327+40 "D"</td><td>18'x5.3' Three Sided Structure</td></tr><tr><td>337+57 "D"</td><td>18" Diameter Culvert</td></tr><tr><td>346+50 "D"</td><td>30" Diameter Culvert</td></tr><tr><td>359+01 "D"</td><td>30" Diameter Culvert</td></tr><tr><td>392+39 "D"</td><td>30" Diameter Culvert</td></tr></table> See The Plan & Profile Sheets.	Location	Dimensions	270+03 "PR-D"	3'x2' Box Culvert	281+02 "PR-D"	24" Diameter Culvert	284+88 "PR-D"	15" Diameter Culvert	290+55 "PR-D"	24" Diameter Culvert	300+91 "PR-D"	4'x3' Box Culvert	302+72 "PR-D"	3'x2' Box Culvert	321+41 "D"	24" Diameter Culvert	327+40 "D"	18'x5.3' Three Sided Structure	337+57 "D"	18" Diameter Culvert	346+50 "D"	30" Diameter Culvert	359+01 "D"	30" Diameter Culvert	392+39 "D"	30" Diameter Culvert		Temporary Construction Entrance: Inspect Weekly, Within 24 Hours Of Every Half-Inch Rain Event, And After Heavy Use. A. Reshape Pad As Needed. B. Top Dress Pad As Needed. C. Remove Immediately 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. Repair Any Damaged Pavement Immediately. Silt Fence: (Per INDOT Standard Specification 205.07(b)) A. Replace If Torn, Starts To Degrade, Or Becomes Ineffective In Anyway. B. Remove Sediment When It Reaches One-Third Of The Fence Height Taking Care Not To Undermine. Rock Check Dam: (Per INDOT Standard Specification 205.07(e)) A. Inspect Check Dams And The Channel After Each Storm Event, And Repair Any Damage Immediately. If Significant Erosion Occurs Between Dams, Install A Riprap Liner In That Portion Of The Channel. B. Remove Sediment Accumulated Behind Each Dam When It Reaches One-Half The Height Of The Dam To Maintain Channel Capacity, To Allow Drainage Through The Dam, And To Prevent Large Flows From Displacing Sediment. C. Add Aggregate To The Dams As Needed To Maintain Design Height And Cross Section. D. When The Dams Are No Longer Needed, Remove The Aggregate And Stabilize Channel Using An Erosion Resistant Lining, If Necessary. Riprap: A. Check For And Repair Any Adjacent Erosion. B. Repair Washed Out Areas. Erosion Control Blanket: A. Repack And Reseed As Needed. B. Reattach And Anchor As Needed. Temporary Seeding: A. Reseed As Needed. B. Install Additional Erosion Control To Help Establish Cover. Temporary Sediment Traps: (Per INDOT Standard Specification 205.07(f)) A. Repair Slope Erosion And Piping Holes As Required Following Each Rain Event. B. Remove Sediment Accumulation Once It Reaches 1/2 Design Volume. C. The Contractor Shall Replace The Coarse Aggregate Filter Stone If The Sediment Pool Does Not Drain Within 72 Hours Following A Rain Event. Rock Filter Berm: (Per INDOT Standard Specification 205.07(c)) A. Accumulated Sediment Shall Be Removed Once It Reaches 1/4 Height Of The Filter Berm. B. The Filter Berm Shall Be Inspected To Ensure That It Is Holding Its Shape And Allowing Adequate Flow. C. Eroded And Damaged Areas Shall Be Repaired. Filter Sock: (Per INDOT Standard Specification 205.07(a)) A. Accumulated Sediment Shall Be Removed Once It Reaches 1/2 Of The Height Of The Filter Sock When Used For Perimeter Protection And 1/3 Height When Used For Inlet Protection. B. The Filter Sock Shall Be Inspected To Ensure That It Is Holding Its Shape And Allowing Adequate Flow. C. Eroded And Damaged Areas Shall Be Repaired. Protected Resource Fence: (Per INDOT Standard Specification 205.07(i)) A. Protected Resource Fence Shall Be Maintained In An Upright Position With No Tears Or Missing Sections. Protected Resource Signs: (Per INDOT Standard Specifications 205.07(j)) A. Protected Resources Signs And Posts Shall Be Maintained In An Upright And Legible Condition. Check And Maintain Any Additional Erosion Control Measures As Needed In Accordance With INDOT Standard Specification 205.03.		Phase 2: F. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required On The South Half Of US 20 Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Protected Resource Fence, Protected Resource Signs, Rock Check Dams, Erosion Control Blankets, and Riprap. G. Begin Earthwork Operations. H. Install Temporary Interceptor Ditches, Diversion Interceptors with Slope Drains, and Temporary Sediment Traps. I. The Contractor Shall Coordinate With The Engineer On The Location Of The Following Construction Areas Prior To Implementation: Staging Areas, Boring/Receiving Pits, Material Storage Areas, & Fueling Stations. J. Temporary Seed Disturbed Areas If To Be Disturbed More Than Seven (7) Days. K. Extend Existing Drainage Structures On The South Half Of US 20. L. Riprap Culvert Discharge Locations. M. Complete Pavement Widening, Pavement Patching, Guardrail Installation And HMA Wedge And Level On The South Half Of US 20. N. Finish Grading. O. Install Permanent Erosion Control Measures And Remove Temporary Erosion Control Measures Only After The Minimum Vegetative Growth Has Occurred On The South Half Of US 20. Phase 3: A. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required On The North Half Of US 20 Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Protected Resource Fence, Protected Resource Signs, Rock Check Dams, Erosion Control Blankets, and Riprap. B. Begin Earthwork Operations. C. Install Temporary Interceptor Ditches, Diversion Interceptors with Slope Drains, and Temporary Sediment Traps. D. The Contractor Shall Coordinate With The Engineer On The Location Of The Following Construction Areas Prior To Implementation: Staging Areas, Boring/Receiving Pits, Material Storage Areas, & Fueling Stations. E. Temporary Seed Disturbed Areas If To Be Disturbed More Than Seven (7) Days. F. Extend Existing Drainage Structures On The North Half Of US 20. G. Riprap Culvert Discharge Locations. H. Complete Pavement Widening, Pavement Patching, Guardrail Installation And HMA Wedge And Level On The North Half Of US 20. I. Finish Grading. J. Install Permanent Erosion Control Measures And Remove Temporary Erosion Control Measures Only After The Minimum Vegetative Growth Has Occurred On The North Half Of US 20.																																																
Location	Dimensions																																																																																
270+03 "PR-D"	3'x2' Box Culvert																																																																																
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337+57 "D"	18" Diameter Culvert																																																																																
346+50 "D"	30" Diameter Culvert																																																																																
359+01 "D"	30" Diameter Culvert																																																																																
392+39 "D"	30" Diameter Culvert																																																																																
A-7	Boundaries Of The One Hundred (100) Year Floodplains, Floodway Fringes, And Floodways See The Attached Flood Insurance Rate Map. (If No FIRM Map, See The Erosion Control Sheets.)	A-27	Locations Of Specific Points Where Stormwater And Non-Stormwater Discharges Will Leave The Project Site See The Plan & Profile And Cross Section Sheets.			B-13	Provisions For Erosion And Sediment Control On Individual Building Lots Regulated Under This Project N/A.																																																																										
A-8	Land Use Of All Adjacent Properties The Land Use Within, And Adjacent To, The Project Limits Mostly Consists Of Residential Development, Farmland And Forested.	A-28	Location Of All Proposed Site Improvements, Including Roads, Utilities, Lot Delineation And Identification, Proposed Structures, And Common Areas Improvements Shall Be Contained Within The Construction Limits As Shown On The Plan & Profile Sheets.			B-14	Material Handling And Spill Response Plan Meeting The Requirements In 327 IAC 2-6.1 Vehicle And Equipment Maintenance: Onsite Vehicle And Equipment Maintenance Should Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Maintenance And Repair. If Maintenance Must Occur Onsite, The Area Where Repairs Are To Be Made Must Be Located Away From Drainage Courses. Drip Pans And/OR Absorbent Pads Should Be Used During Vehicle And Equipment Maintenance Work That Involves Fluids, Unless The Maintenance Work Is Performed Over An Impermeable Surface In A Dedicated Maintenance Area. Inspect Onsite Vehicles And Equipment Daily At Startup For Leaks, And Repair Immediately. 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.																																																																										
A-9	Identification Of U.S. EPA Approved Or Established Total Maximum Daily Load (TMDL) TMDL Name TMDL Pollutant Galena River Watershed Escherichia Coli (E. Coli)	A-29	Location Of All On-Site And Off-Site Soil Stockpiles And Borrow Areas 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 w/Section 203.08, 203.09, & 212. The Contractor Shall Comply w/Section 108.04 Of The Indiana Department Of Transportation (INDOT) Standard Specifications.				Vehicle Fueling: Onsite Vehicle And Equipment Fueling Should Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Fueling. Drip Pans And Absorbent Pads Should Be Used During Vehicle And Equipment Fueling, Unless The Fueling Is Performed Over An Impermeable Surface In A Dedicated Fueling Area. Nozzles Used In Vehicle And Equipment Fueling Should Be Equipped With An Automatic Shutoff To Control Drips. Fueling Operations Should Not Be Left Unattended. Federal, State, And Local Requirements Should Be Observed For Any Stationary Above Ground Storage Tanks.																																																																										
A-10	Name(s) Of Receiving Water(s) Stormwater Will Ultimately Discharge To Galena Marsh Then Discharges To The Galena River.	A-30	Construction Support Activities That Are Expected To Be Part Of The Project Construction Support Activities Including, But Not Limited To, Staging Areas And Material Storage Areas Are Expected To Be Part Of This Project. The Location Of Such Areas Are To Be Determined By The Contractor.				Alert Procedure For Spills: In The Event Of A Material Spill (Fuel, Oil, Fluids, Lubricants, Etc.), Barricade The Area Allowing No Vehicles To Enter Or Leave The Spill Zone. Stop The Release, Place Containment Around The Spilled Material, And Conduct Proper Notification Protocol, Including, Providing Notification To 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 At 800-424-8802 And Provide The Following Information: Time Of Observation Of The Spill, Location Of The Spill, Identify Material Spilled, Probable Time And Source Of Spill, Weather Conditions, Personnel At 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. For Spills On Soil, Remove The Visibly Contaminated Soil And 6 Inches Below The Visible Contamination And Dispose Of According To The Solid Waste Regulations. Follow The Contractor's Specific Spill Response And Materials Management Plan To Prevent And Respond To All Spills And Proper On-Site Material Management.																																																																										
A-11	Identification Of Discharges To A Water On The Current 303(d) List Of Impaired Waters And The Pollutant(s) For Which It Is Impaired Galena River - Escherichia Coli (E. Coli)	A-31	Location Of Any In-Stream Activities That Are Planned For The Project Including, But Not Limited To Stream Crossings And Pump Arounds A Three Sided Structure At Sta. 327+40 "D" Will Be Extended On The North And South Side Of US 20. This Work Will Take Place In-Stream. A Pump Around Will Be Required During The Construction Of The Extensions. As Coordinated With The INDOT Environmental Services, A Construction In A Floodway Permit Will Not Be Required For This Project. If Applicable, Contractor Will Follow The Plan As Submitted In The Submitted In The 401/404 Permit.																																																																														
A-12	Soils Map Of The Predominant Soil Types See The Attached Soils Map. (If No Soils Map, See The Erosion Control Sheets.) *Describe problematic soil conditions if they apply* <table><tr><td>Br</td><td>Bourbon Sani Loam</td><td>0.2%</td></tr><tr><td>ChB</td><td>Chelsea Fine Sand, 2 to 6 Percent Slopes</td><td>13.1%</td></tr><tr><td>ChC</td><td>Chelsea Fine Sand, 6 to 12 Percent Slopes</td><td>12.5%</td></tr><tr><td>ChD</td><td>Chelsea Fine Sand, 12 to 18 Percent Slopes</td><td>8.4%</td></tr><tr><td>Ed</td><td>Edwards Muck, Drained</td><td>0.9%</td></tr><tr><td>Fh</td><td>Fluvaquents, Loamy</td><td>1.1%</td></tr><tr><td>Hh</td><td>Histosols and Aquolls</td><td>2.5%</td></tr><tr><td>Hm</td><td>Houghton Muck, Undrained, 0 to 1 Percent Slopes</td><td>5.4%</td></tr><tr><td>Ho</td><td>Houghton Muck, Drained, 0 to 1 Percent Slopes</td><td>0.6%</td></tr><tr><td>Pa</td><td>Palms Muck, Sandy Substratum</td><td>0.0%</td></tr><tr><td>RIA</td><td>Riddles Loam, 0 to 2 Percent Slopes</td><td>0.2%</td></tr><tr><td>RIB2</td><td>Riddles Loam, 2 to 6 Percent Slopes, Eroded</td><td>1.2%</td></tr><tr><td>RIC2</td><td>Riddles Loam, 6 to 12 Percent Slopes, Eroded</td><td>3.9%</td></tr><tr><td>RID2</td><td>Riddles Loam, 12 to 18 Percent Slopes, Eroded</td><td>0.4%</td></tr><tr><td>RIF</td><td>Riddles Loam, 25 to 45 Percent Slopes</td><td>1.7%</td></tr><tr><td>SeB</td><td>Selfridge Loamy Fine Sand, 2 to 6 Percent Slopes</td><td>0.4%</td></tr><tr><td>TcA</td><td>Tracy Sandy Loam, 0 to 2 Percent Slopes</td><td>4.4%</td></tr><tr><td>TcB</td><td>Tracy Sandy Loam, 2 to 6 Percent Slopes</td><td>14.2%</td></tr><tr><td>TcC2</td><td>Tracy Sandy Loam, 6 to 12 Percent Slopes, Moderately Eroded</td><td>19.4%</td></tr><tr><td>TcD2</td><td>Tracy Sandy Loam, 12 to 18 Percent Slopes</td><td>0.8%</td></tr><tr><td>TcF</td><td>Tracy Sandy Loam, 18 to 35 Percent Slopes</td><td>5.6%</td></tr><tr><td>Tr</td><td>Troxel Silt Loam</td><td>0.5%</td></tr><tr><td>Ua</td><td>Udorthents, Loamy</td><td>1.2%</td></tr><tr><td>W</td><td>Water</td><td>1.2%</td></tr><tr><td>Wh</td><td>Washtenaw Silt Loam</td><td>0.3%</td></tr></table>	Br	Bourbon Sani Loam	0.2%	ChB	Chelsea Fine Sand, 2 to 6 Percent Slopes	13.1%	ChC	Chelsea Fine Sand, 6 to 12 Percent Slopes	12.5%	ChD	Chelsea Fine Sand, 12 to 18 Percent Slopes	8.4%	Ed	Edwards Muck, Drained	0.9%	Fh	Fluvaquents, Loamy	1.1%	Hh	Histosols and Aquolls	2.5%	Hm	Houghton Muck, Undrained, 0 to 1 Percent Slopes	5.4%	Ho	Houghton Muck, Drained, 0 to 1 Percent Slopes	0.6%	Pa	Palms Muck, Sandy Substratum	0.0%	RIA	Riddles Loam, 0 to 2 Percent Slopes	0.2%	RIB2	Riddles Loam, 2 to 6 Percent Slopes, Eroded	1.2%	RIC2	Riddles Loam, 6 to 12 Percent Slopes, Eroded	3.9%	RID2	Riddles Loam, 12 to 18 Percent Slopes, Eroded	0.4%	RIF	Riddles Loam, 25 to 45 Percent Slopes	1.7%	SeB	Selfridge Loamy Fine Sand, 2 to 6 Percent Slopes	0.4%	TcA	Tracy Sandy Loam, 0 to 2 Percent Slopes	4.4%	TcB	Tracy Sandy Loam, 2 to 6 Percent Slopes	14.2%	TcC2	Tracy Sandy Loam, 6 to 12 Percent Slopes, Moderately Eroded	19.4%	TcD2	Tracy Sandy Loam, 12 to 18 Percent Slopes	0.8%	TcF	Tracy Sandy Loam, 18 to 35 Percent Slopes	5.6%	Tr	Troxel Silt Loam	0.5%	Ua	Udorthents, Loamy	1.2%	W	Water	1.2%	Wh	Washtenaw Silt Loam	0.3%					
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A-13	Identification And Location Of All Known Wetlands, Lakes And Watercourses On Or Adjacent To The Project Site The Galena Wetland Is Adjacent To US 20 From Approximately Sta. 290+07 "PR-D" To Sta. 315+00 "PR-D".	CSGP Checklist - Section B: Stormwater Pollution Prevention Plan - Erosion And Sediment Control/Project Site Management																																																																															
A-14	Identification And Status Of Any Other State Or Federal Water Quality Permits Or Authorizations That Are Required For Construction Activities And The Expected Timeline If The Permits Have Not Been Obtained IDEM Section 401 WQC Regional General Permit USACE Section 404 Regional General Permit	B-1	Description Of Potential Pollutant Generating Sources And Pollutants Associated With Construction Activities See The Potential Storm Water Pollutants And Spill Prevention Handling Table Located On The Erosion Control Notes.																																																																														
A-15	Identification And Delineation Of Existing Cover, Including Natural Buffers The reviewer wants to know if there is a vegetated buffer that it needs to be preserved in its entirety, up to 50 feet, unless infeasible and if infeasible, the designer must identify why. See IDEM buffer guidance. The Project Is Located Mostly On Grassy Areas, Cultivated Crops And Woods.	B-2	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. Temporary Construction Entrances Shall Meet The Requirements Of The Construction Gravel Entrance As Shown On The Erosion Control Details.																																																																														
A-16	Existing Topography At A Contour Interval Appropriate To Indicate Drainage Patterns See The Plan & Profile, Erosion Control, & Cross Section Sheets.	B-3	Specifications For Temporary And Permanent Stabilization Seeding Of Disturbed Areas Shall Be Implemented For All Disturbed Land Left Inactive For A Period Of Seven (7) Days. Permanent Seeding Shall Be Implemented For All Disturbed Land And Shall Occur Once Final Grading Has Been Completed. See The Plan & Profile Sheets & Erosion Control Details. See Item B-12 For Sequencing Information, And The Erosion Control Notes For Application Information For Seeding And Mulching.																																																																														
A-17	Location(s) Of Where Run-Off Enters The Project Site See The Plan & Profile & Cross Section Sheets.	B-4	Sediment Control Measures For Concentrated Flow Areas For B4-B8, if not applicable, can put N/A. Elaborate if specific measures are required. Sediment Control Will Be Handled Via Ditch Sodding, Erosion Control Blankets, Riprap, And Temporary Sediment Traps. See The Erosion Control Sheets And INDOT Standard Drawings E 205-TECD-09 and E 205-TECD-11. See Erosion Control Table On Sheet ##.																																																																														
A-18	Location(s) Of Where Run-Off Discharges From The Project Site Prior To Land Disturbance Be sure to note any locations with general descriptions where water leaves the site. Add drainage arrows and contours to represent the run-off points. See The Plan & Profile & Cross Section Sheets.	B-5	Sediment Control Measures For Sheet Flow Areas Sediment Control Will Be Handled Via Silt Fence And By Temporary & Permanent Seeding. See The Plan & Profile, Erosion Control Sheets And INDOT Standard Drawing E 205-TECD-11. See Erosion Control Table On Sheet ##.																																																																														
A-19	Location Of All Existing Structures On The Project Site See The Plan & Profile Sheets.	B-6	Run-off Control Measures (e.g., Diversions, Rock Check Dams, Swales, etc.) Runoff Will Be Controlled By Rock Check Dams, Silt Fence, Temporary Seeding, Interceptor Ditches and Diversion Interceptors With Slope Drains. See The Erosion Control Sheets and INDOT Standard Drawings E 205-TECS. See Erosion Control Table On Sheet ##.																																																																														
A-20	Location, Size, And Dimensions Of Features, Such As Existing Permanent Retention Or Detention Facilities, Including Manmade Wetlands, Designed For The Purpose Of Stormwater Management N/A.	B-7	Stormwater Outlet Protection Locations And Specifications Stormwater Outlet Protection Will Be Handled Via Riprap, Rock Filter Berms, Or Rock Check Dams. See The Erosion Control Sheets & Erosion Control Details. See Erosion Control Table On Sheet ##.																																																																														
		B-8	Grade Stabilization Structure Locations And Specifications A Grade Stabilization Will Be Required For The Project. See The Erosion Control Sheets & Erosion Control Details. See Erosion Control Table On Sheet ##.																																																																														
				INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'																																																																											
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CSGP Checklist - Section B: (Continued)

B-15 Material Handling And Storage Procedures Associated With Construction Activity Describing The Management And Disposal Of Construction Products And Waste, Including Concrete And Cementitious Washout Areas And Management Measures
Debris Collection: To Prevent Clogging Of The Storm Drainage System, Litter And Debris Removal From Drainage Grates, Trash, Rocks, And Ditch Lines Should Be A Priority. Construction Debris And Waste Should Be Removed From The Site Biweekly Or More Frequently As Needed. Construction Material Visible To The Public Should Be Stored In An Orderly Manner. Stormwater Runoff Should Be Prevented From Contacting Stored Solid Waste.

Concrete Washout: Per INDOT Standard Specifications 205.03(e), Perform Washout Of Concrete Trucks Offsite Or In Designated Areas Only. Straw Bale Washout Pits Will Not Be Allowed. Concrete Washout Wastewater May Either Be Recycled Back Into The Truck, Washed Out Into An Adequately Sized And Lined Roll Off Container Or Lined In-Ground Pit, An Approved Manufactured Product, Or Taken Back To The Batch Plant. Lining Shall Consist Of A Minimum Of One Sheet Of 10 Mil Plastic, Be Continuous With No Over Lapping, And Shall Be Free Of Breaks. For below grade systems, a statement is required to be included to identify how stormwater will be prevented from entering the containment from sheet flow.

For On Site 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 Wastes Into The Designated Area Where The Concrete Can Set And Be Broken Up And Then Disposed Of Properly.

CSGP Checklist - Section C:
Stormwater Pollution Prevention Plan - Post-Construction

C-1 Description Of Potential Pollutants And Their Sources Associated With The Proposed Land Use See The Potential Storm Water Pollutants And Spill Prevention Handling Table Located On The Erosion Control Details.

C-2 Description Of Proposed Post Construction Stormwater Quality Measures.
Permanent Erosion Control Measure Will Be Used As Shown On The Plan & Profile And Erosion Control Sheets For Post-Construction Stormwater Quality Management. Seed Will Be Used In All Disturbed Areas For Permanent Stormwater Quality Measures. Geotextiles Will Be Utilized Under Riprap At All Locations In Accordance w/INDOT Standard Specifications 616.11. Riprap Splash Pads Shall Be Constructed At Pipe Outlets As Shown On The Plan & Profile And Erosion Control Sheets In Accordance With 616.05. If Applicable, INDOT Post Construction guidance has been reviewed and it was determined the site does not meet the requirements for post construction.

Location	Pre-Construction (10 yr.)	Post-Construction (10 yr.)
255+00 to 284+00 "PR-D"	27.93 cfs	29.92 cfs
284+00 to 290+00 "PR-D"	6.05 cfs	7.23 cfs
290+00 to 315+00 "PR-D"	25.13 cfs	27.53 cfs
315+00 to 359+00 "D"	38.12 cfs	41.87 cfs
359+00 to 367+00 "D"	11.29 cfs	12.10 cfs
367+00 to 411+00 "D"	34.66 cfs	37.53 cfs

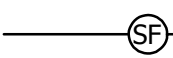
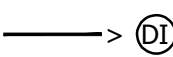
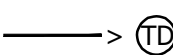
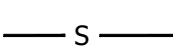
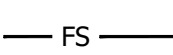
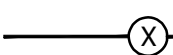
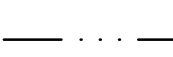
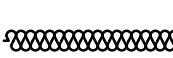
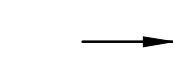
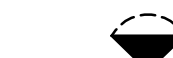
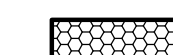
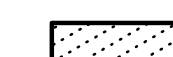
C-3 Location, Dimensions, Detail Specifications, And Construction Details Of All Post-Construction Stormwater Quality And Stormwater Management Measures Listed In C-2 Above See The Erosion Control Sheets & Erosion Control Details.

C-4 Sequence Describing Stormwater Quality Measure Implementation.
All Disturbed Ground Will Be Seeded And Stabilized Immediately After Grading Or When The Project Is Substantially Complete. Riprap Splash Pads And Geotextiles Shall Be Constructed As Soon As Outlet Structures Are Installed. See The Plan & Profile, Erosion Control & Erosion Control Detail Sheets.

C-5 Description Of Maintenance Guidelines For Post Construction Stormwater Quality Measures.
The Contractor Shall Ensure That Revegetated Areas Become Fully Established And Shall Water, Re-Seed And Re-Stabilize As Necessary. The Owners Shall Clean Up Trash And Shall Perform Maintenance On The Storm Sewer System At Regularly Scheduled Intervals.

C-6 Entity That Will Be Responsible For Operation And Maintenance Of The Post-Construction System (If Known)
INDOT LaPorte District

INDOT STANDARD DRAWING REFERENCES

	SILT FENCE
	TEMP. DIVERSION INTERCEPTOR
	TEMP. INTERCEPTOR DITCH
	SLOPE DRAIN
	FILTER SOCK
	PUMP AROUND
	PROPOSED DITCH
	ROCK FILTER BERM
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	DROP INLET PROTECTION
	CURB INLET PROTECTION
	PERMANENT RIPRAP
	AREA OF CONSTRUCTION

EROSION AND SEDIMENT CONTROL PLAN ELEMENTS		
ITEM NO.	DESIGNATION	SHEET NO.
A-1	STORMWATER POLLUTION PREVENTION PLAN INDEX	
A-2	VICINITY MAP	
A-3	PROJECT NARRATIVE	
A-4	PROJECT LATITUDE AND LONGITUDE	
A-5	LEGAL DESCRIPTION	
A-6	11x17 INCH PLAT SHEETS	
A-7	BOUNDARIES OF 100-YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS	
A-8	LAND USE OF ADJACENT PROPERTIES	
A-9	IDENTIFICATION OF U.S. EPA APPROVED OR ESTABLISHED TMDL	
A-10	NAME(S) OF RECEIVING WATER(S)	
A-11	IDENTIFICATION OF DISCHARGES TO WATER ON 303(d) LIST	
A-12	SOILS MAP	
A-13	IDENTIFICATION AND LOCATION OF ALL KNOW WETLANDS, LAKES AND WATERCOURSES	
A-14	IDENTIFICATION OF ANY OTHER STATE OR FEDERAL WATER QUALITY PERMITS	
A-15	IDENTIFICATION AND DELINEATION OF EXISTING COVER	
A-16	EXISTING SITE TOPOGRAPHY	
A-17	LOCATION(S) WHERE RUN-OFF ENTERS PROJECT SITE	
A-18	LOCATION(S) WHERE RUN-OFF DISCHARGES FROM PROJECT SITE PRIOR TO LAND DISTURBANCE	
A-19	LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE	
A-20	EXISTING PERMANENT RETENTION OR DETENTION FACILITIES	
A-21	LOCATION(S) WHERE STORMWATER MAY BE DIRECTLY DISCHARGED INTO GROUND WATER	
A-22	SIZE OF THE PROJECT AREA	
A-23	TOTAL EXPECTED LAND DISTURBANCE	
A-24	PROPOSED FINAL TOPOGRAPHY	
A-25	LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS	
A-26	LOCATIONS, SIZE, AND DIMENSIONS OF ALL STORMWATER DRAINAGE SYSTEMS	
A-27	LOCATIONS OF SPECIFIC POINTS WHERE DISCHARGE WILL LEAVE PROJECT SITE	
A-28	LOCATION OF ALL PROPOSED SITE IMPROVEMENTS	
A-29	LOCATION OF ALL ON-SITE AND OFF-SITE SOIL STOCKPILES AND BORROW AREAS	
A-30	CONSTRUCTION SUPPORT ACTIVITIES	
A-31	LOCATION OF ANY IN-STREAM ACTIVITIES	
B-1 - B-15	CONSTRUCTION COMPONENT	
C-1 - C-6	POST-CONSTRUCTION COMPONENT	

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE	
	DESIGNED: _____ AML DRAWN: _____ BEH		VERTICAL SCALE 1" = 5'	DESIGNATION 2200046	
	CHECKED: _____ ACE	CHECKED: _____ AML	SEVERS RD.	R-44685	SHEET 36E OF 66
					PROJECT 2200046

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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 Swales Should Be Constructed And Immediately Stabilized To Assist With Sediment Removal, 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 The Construction Stormwater General Permit) 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) Or Steeper.

Stabilize All Disturbed Ground Left Inactive For Seven (7) Or More Days By Seeding, Sodding, Mulching, Or By Other Equivalent Erosion Control Practices.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT PAD:

Construct The Temporary Gravel Drive Using 12 Inches Minimum Of INDOT CA No. 2 Washed Stone Over Geotextile. Grade For Positive Drainage.

Inspect The Entrance Pad Area Weekly And After Storm Events Or Heavy Use. Reshape The Pad As Needed For Drainage And Runoff Control. Top Dress Pad With Clean Stone.

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. Consider The Use Of Reduced Phosphorus Application Where Soil Tests Indicate Adequate Phosphorus Levels In The Soil Profile. (If Project Is Located Within An MS4, Verify That Additional Any Additional Requirements Of That MS4. LaPorte County MS4 Recommends Reduced Phosphorus Use In Fertilizer, Which Is Why The Previous Statement Was Included In These Notes.) Work The Fertilizer Into The Soil To 2-4 Inches Deep.

Rake Or Harrow The Area To Achieve A Smooth Final Grade And Then Roll Or Cultipack The Soil Surface To Create A Firm Surface On Which To Lay The Sod.

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.

EROSION CONTROL NOTES (Con't)

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.

Make this match the INDOT seed mix if applicable.

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

*Consider The Use Of Reduced Phosphorus Application Where Soil Tests Indicate Adequate Phosphorus Levels In The Soil Profile. (If Project Is Located Within An MS4, Verify That Additional Any Additional Requirements Of That MS4. LaPorte County MS4 Recommends Reduced Phosphorus Use In Fertilizer, Which Is Why The Previous Statement Was Included In These Notes.)

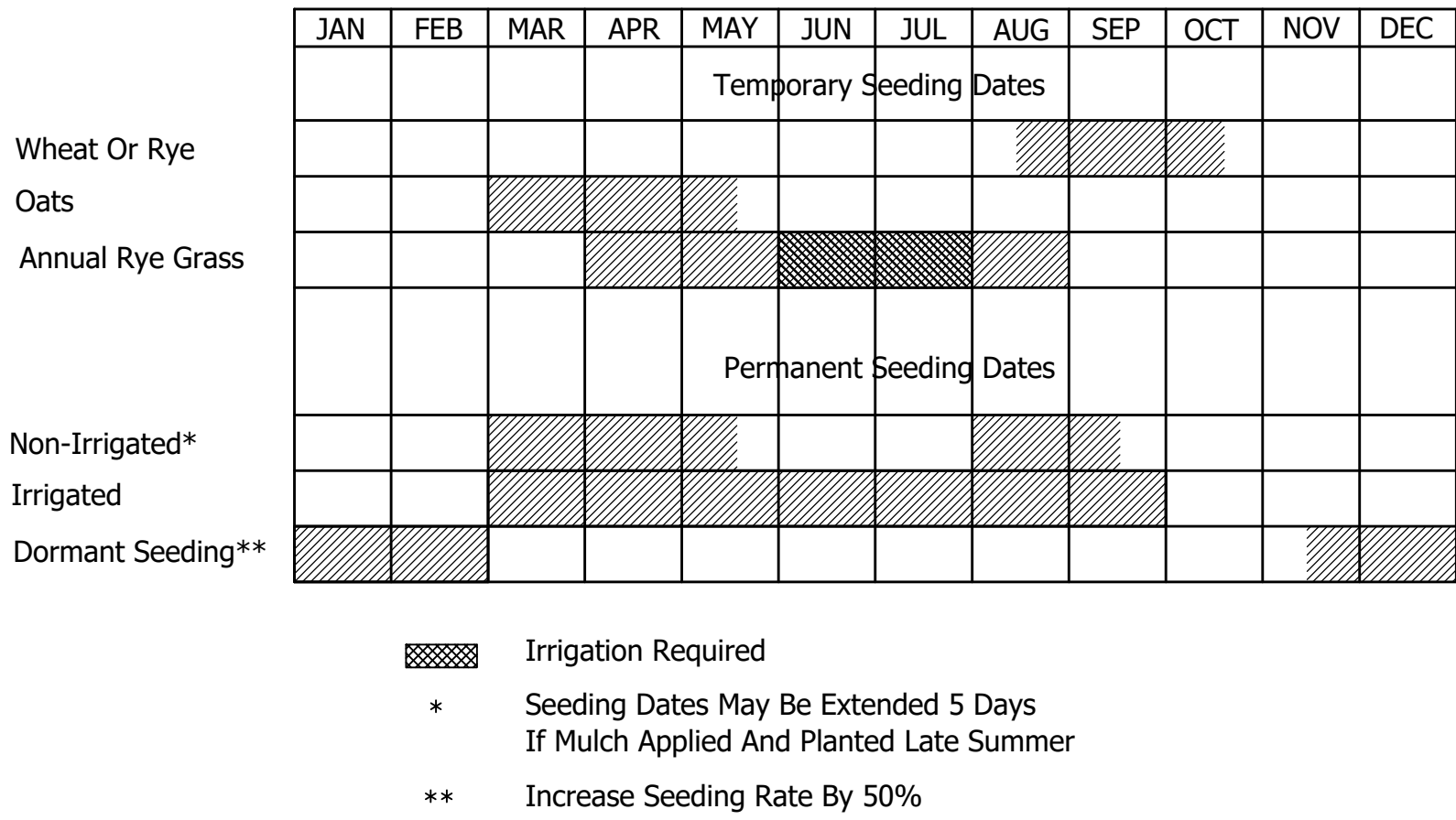
Spread Fertilizer Uniformly Over Finish Graded Surfaces At A Rate Of 20 Pounds Per 1,000 Square Feet. Thoroughly Disk, Harrow, Or Rake Fertilizer Into Soil To Depth Not Less Than 2 Inches.

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.



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 Overspray (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 Construction Stormwater General 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.

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
	DESIGNED: _____ AML DRAWN: _____ BEH		VERTICAL SCALE 1" = 5'	DESIGNATION 2200046
	CHECKED: _____ ACE		CHECKED: _____ AML	SHEET 36F OF 66 PROJECT 2200046
		SEVERS RD.	R-44685	

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		LANE INDICATION ARROW	FISH HOOK ARROW	CROSSWALK LINE, WHITE, 24"	CROSSHATCH, YELLOW, 12"	YIELD LINE	SOLID WHITE, 6"	SOLID YELLOW, 6"	BROKEN WHITE, 6"	SOLID WHITE, 8"	DOTTED WHITE, 12"
		EACH	EACH	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT
LINE "PR-A-1"											
			3	128	118	32	191	714	142	80	45
LINE "PR-A-2"											
			3	64	52	16	69	705		116	18
LINE "PRB"											
			3	64		16		788		38	19
LINE "PRC"											
			3	96		16	668	1,183	62	46	21
RAB											
		8									
		8	12	352	170	80	928	3390	204	280	104

MAILBOX ASSEMBLIES					
LOCATION		DESCRIPTION	WIDTH (ft)	MAILBOX ASSEMBLIES REQUIRED	
LT or RT	± BOX STATION			SINGLE	DOUBLE
Line "PR-A-S"					
RT	139+91.67	NEW MAILBOX ASSEMBLY		1	
Line "PRC"					
RT	19+99.88	NEW MAILBOX ASSEMBLY		2	
TOTAL				3	0

RECOMMENDED FOR APPROVAL:			
DESIGN ENGINEER		DATE	
DESIGNED: AML	DRAWN: KLG		
CHECKED: BEH	CHECKED: AML		

SCALE	BRIDGE FILE		
1" = 20'			
	DESIGNATION		
	2200046		
	SHEET		
	37	OF	66
	CONTRACT		
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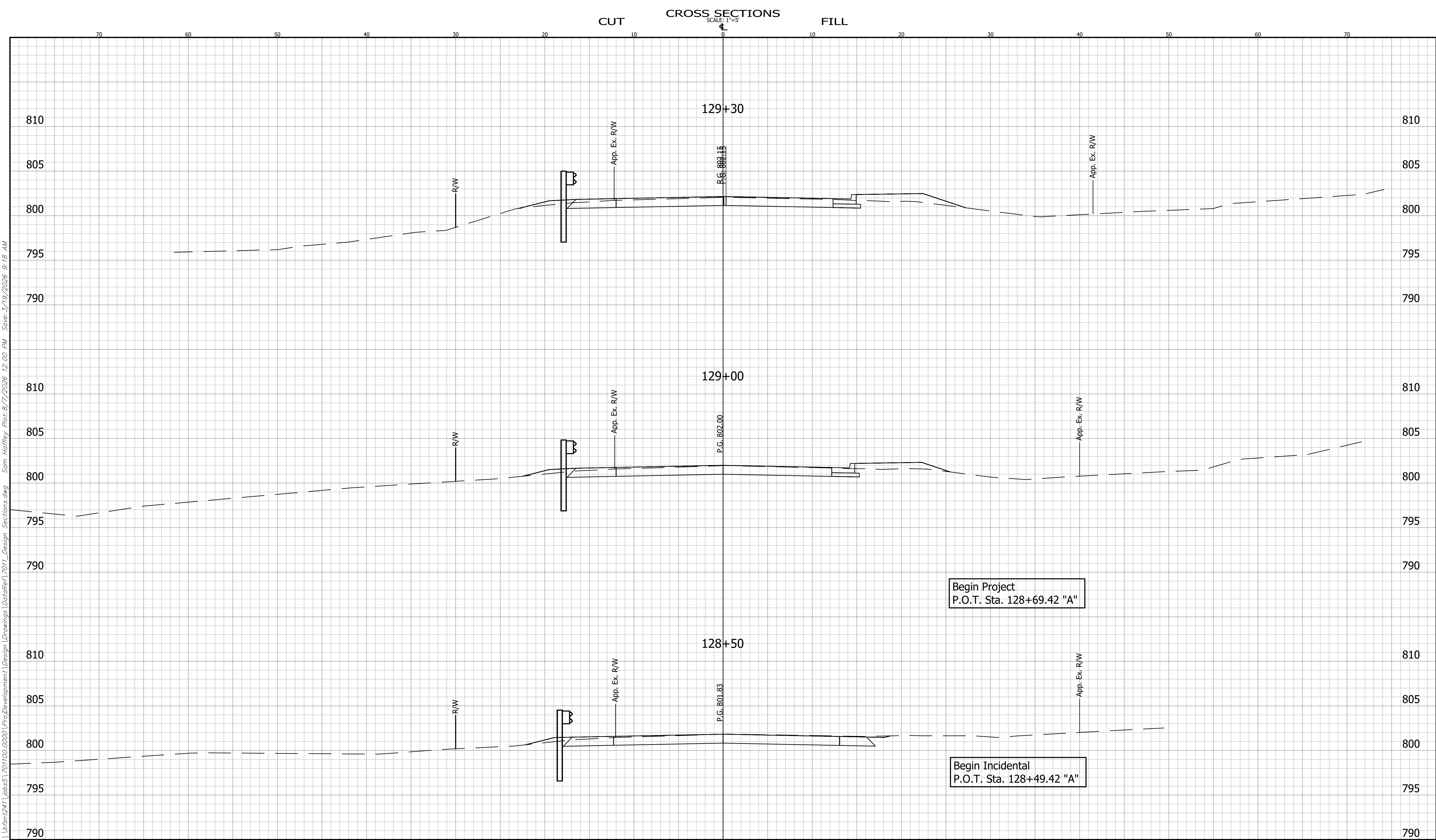
STRUCTURE DATA																																
STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		INVERT		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 2	GEOTEXTILES for RIPRAP TYPE 1A	REVTMENT RIPRAP	CONCRETE CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	CONNECT TO STR.	CULVERT ASSET ID	REMARKS		
	STATION	LEFT	RIGHT	CROSS		OFFSET	PIPE TYPE				MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	MIN	MAX	UP STREAM																	DOWN STREAM	
FT	IN.	LFT	LFT	FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS	CYS	SYS	TON	CYS	LFT	LFT	EA.															
LINE "PR-A-1"																																
11	130+00.000		X			12	2	Inlet, Type B-15	21.0			2.0		799.01	798.64		802.42	75	N/A	7	1	44.83	6.89	2.42				1				
12A	13+50.000		X			15	2	Pipe	24.0			2.5		798.14	798.07			75	N/A	7	1	51						1	12			
12	13+50.000		X			15	2	Inlet, Type C-15	116.0			4.6		798.07	797.71		802.96	75	N/A	7	1	151.4								13		
13	131+70.000		X			24	2	Manhole, Mod. Type J-15	66.0			3.1		797.71	797.51		804.85	75	N/A	7	1	98.9	17.94	8.33				1				
13A	131+70.000		X			15	2	Pipe	24.0			2.9		799.16	798.90			75	N/A	7	1	52.6						1	13			
15	132+50.000		X			24	2	Manhole, Type C-15	76.0			4.7		798.35	798.16		805.79	75	N/A	7	1	115.3								13		
16	133+75.000		X			24	2	Manhole, Type C-15	121.0			6.1		798.60	798.35		807.65	75	N/A	7	1	165.9								15		
17	134+41.000		X			24	2	Manhole, Mod. Type J-15	64.0			7.7		798.72	798.60		809.14	75	N/A	7	1	115.3								16		
18	134+45.000	X				18	2	Manhole, Type C-15	83.0			8.1		799.43	799.22		808.61	75	N/A	7	1	133.6								17		
19	134+78.000		X			18	2	Manhole, Type C-15	47.0			7.2		801.13	800.85		810.74	75	N/A	7	1	93.97								17		
20	135+02.000	X				18	2	Manhole, Type C-15	53.0			7.7		799.57	799.43		809.20	75	N/A	7	1	102								18		
LINE "PR-A-2"																																
21	136+55.000		X			18	2	Manhole, Type C-15	80.0			7.4		802.24	801.92		810.03	75	N/A	7	1	127.8								41		
22	137+11.000	X				12	2	Inlet, Type B-15	40.0			2.6		805.54	805.38		808.95	75	N/A	7	1	66.23								23		
23	137+11.000		X			18	2	Manhole, Type C-15	56.0			5.5		802.51	802.34		808.94	75	N/A	7	1	96.17								21		
24	137+68.000	X				12	2	Inlet, Type B-15	36.0			2.7		804.84	804.70		808.25	75	N/A	7	1	62.63								25		
25	137+68.000		X			15	2	Inlet, Type C-15	53.0			4.5		802.93	802.61		808.25	75	N/A	7	1	88								23		
26	138+41.000	X				12	2	Inlet, Type C-15	36.0			2.6		804.66	804.52		807.91	75	N/A	7	1	62.23								27		
27	138+41.000		X			15	2	Inlet, Type C-15	68.0			3.6		803.44	803.03		807.91	75	N/A	7	1	99.4								25		
28	139+60.000	X				12	2	Inlet, Type B-15	36.0			2.5		805.98	805.84		808.62	75	N/A	7	1	61.83								29		
29	139+60.000		X			15	2	Inlet, Type C-15	112.0			3.7		804.10	803.54		808.66	75	N/A	7	1	143.8								27		
30	139+60.000		X			15	2	Inlet, Type E-7	16.0			2.7		804.29	804.20		807.08	75	N/A	7	1	43.8								29		
LINE "PRC"																																
31	16+90.000	X				12	2	12" Pipe Catch Basin	56.0			1.9		802.27	802.05		805.16	75	N/A	7	1	27.08								32		
32	17+49.000	X				12	2	Inlet, Type C-15	35.0			2.3		801.50	801.36		804.92	75	N/A	7	1	23.62								33		
33	17+49.000		X			12	2	Inlet, Type C-15	78.0			2.5		801.36	801.05		801.82	75	N/A	7	1	43.63								34		
34	18+30.000		X			12	2	Inlet, Type C-15	123.0			4.2		801.05	800.56		805.14	75	N/A	7	1	102.2								37		
35	18+46.000	X				12	2	Inlet, Type B-15	44.0			2.3		802.10	801.92		805.55	75	N/A	7	1	27.17								34		
36	19+50.000	X				12	2	Inlet, Type C-15	45.0			2.7		803.82	803.64		807.23	75	N/A	7	1	32.03								37		
37	19+55.000		X			15	2	Inlet, Type C-15	29.0			5.5		800.31	800.22		807.01	75	N/A	7	1	64.32								38		
38	19+85.000		X			15	2	Inlet, Type C-15	88.0			7.2		800.22	799.96		807.49	75	N/A	7	1	165.3								40		
39	20+28.000	X				12	2	Inlet, Type R-13	72.0			2.6		805.36	803.92		808.72	75	N/A	7	1	42.6								36		
40	20+67.000		X			15	2	Manhole, Type C-4	46.0			8.3		799.96	799.82		809.98	75	N/A	7	1	137.8								20		
LINE "PRB"																																
41	11+36.000	X				18	2	Manhole, Type C-15	53.0			9.1		801.82	801.61		812.00	75	N/A	7	1	185.4								42		
42	11+36.000		X			18	2	Manhole, Type C-15	47.0			8.6		801.51	801.23		812.16	75	N/A	7	1	161.7								19		
43	12+15.000	X				12	2	Inlet, Type B-15	30.0			2.7		811.60	811.48		815.01	75	N/A	7	1	25.32								44		
44	12+15.000		X			12	2	Inlet, Type C-15	76.0			3		811.38	807.80		815.01	75	N/A	7	1	50.67								42		
45	13+14.000	X				12	2	Inlet, Type B-15	29.0			2.4		816.04	815.92		819.45	75	N/A	7	1	22.15								46		
46	13+14.000		X			12	2	Inlet, Type C-15	95.0			2.5		815.82	811.64		819.44	75	N/A	7	1	50.77								44		
47	13+95.000	X				12	2	Inlet, Type B-15	25.0			2.4		819.72	819.62		823.13	75	N/A	7	1	20.52								48		
48	13+95.000		X			12	2	Inlet, Type C-15	77.0			2.3		819.52	816.06		823.11	75	N/A	7	1	40.15								46		
49	15+25.000	X				12	2	Inlet, Type B-15	24.0			2.4		825.21	825.11		828.62	75	N/A	7	1	20.11								50		
50	15+25.000		X			12	2	Inlet, Type C-15	126.0			2.6		825.01	819.79		828.62	75	N/A	7	1	66.01								48		
51	16+27.000	X				15	2	Inlet, Type E-7	42.0			1.5		827.31	826.81		829.06	75	N/A	7	1	21.76	9.45	3.7				1				

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE NA	BRIDGE FILE
			DESIGNATION 2200046	
	DESIGNED: _____ AML _____ DRAWN: _____ LV _____		SHEET	
	CHECKED: _____ BEH _____ CHECKED: _____ AML _____		38 OF 66	CONTRACT R-44685
STRUCTURE DATA TABLE				

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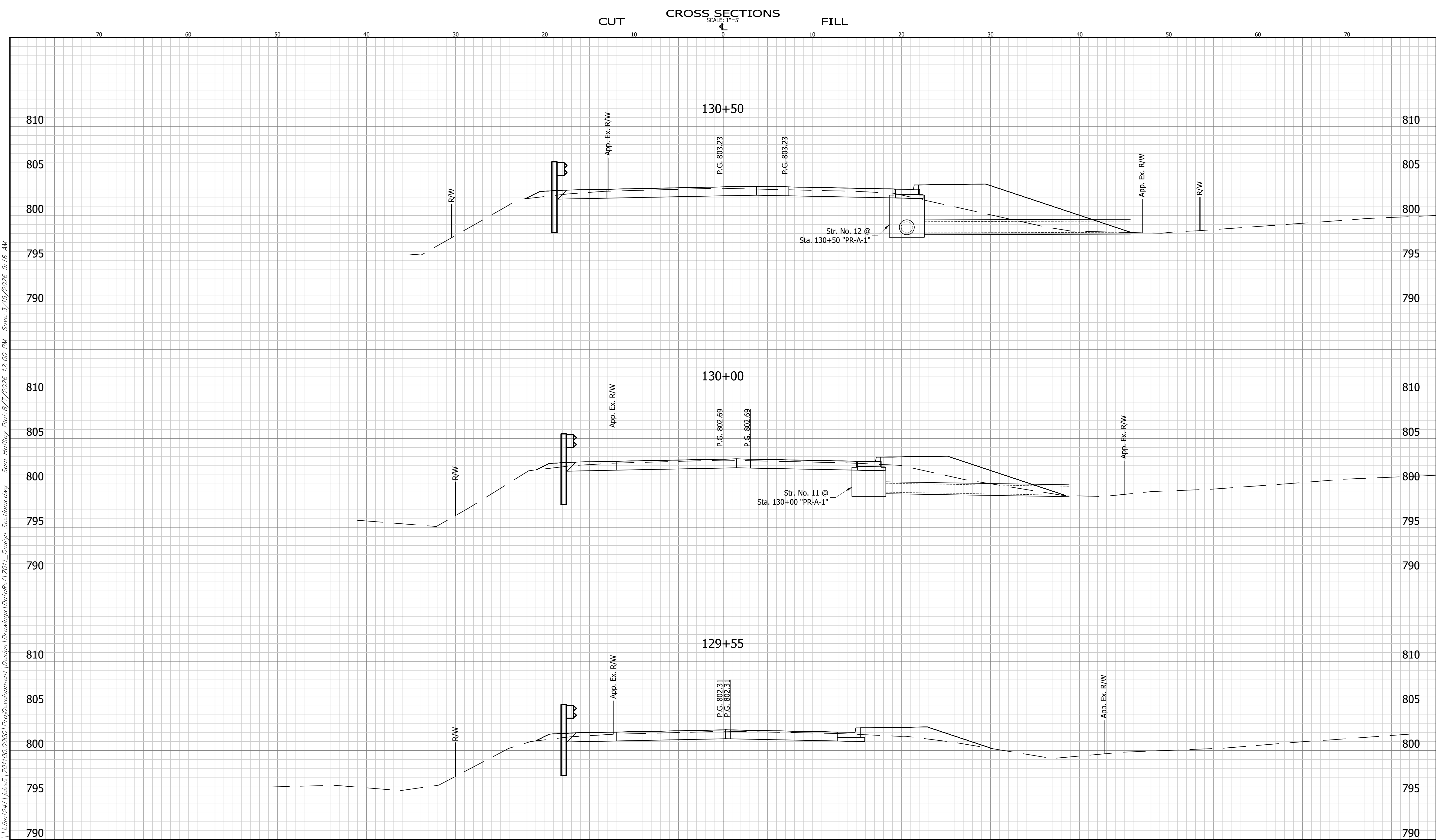
GUARDRAIL SUMMARY TABLE																		
FROM (STATION)	TO (STATION)	LEFT	RIGHT	MEDIAN LEFT	MEDIAN RIGHT	W-BEAM GUARDRAIL LENGTH								GUARDRAIL END TREATMENT MS	GUARDRAIL END TREATMENT OS	GUARDRAIL END TREATMENT TYPE I	REMARKS	
						STANDARD POST AT 6'-3" SPA.	STANDARD POST AT 3'-1 1/2" SPA.	STANDARD POST AT 1'-6 3/4" SPA.	DOUBLE FACED AT 6'-3" SPA.	LONG POST AT 6'-3" SPA.	LONG POST AT 3'-1 1/2" SPA.	LONG POST AT 1'-6 3/4" SPA.	SHOP CURVED AT 6'-3" SPA.					NESTED GUARDRAIL
						LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT					LFT
LINE "PR-A-1"																		
128+50	129+00	X												1				
129+00	134+06	X				506.25												
134+06	134+56	X												1				

	RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'		BRIDGE FILE	
					DESIGNATION 2200046			
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	CHECKED: SHH		CHECKED: AML					



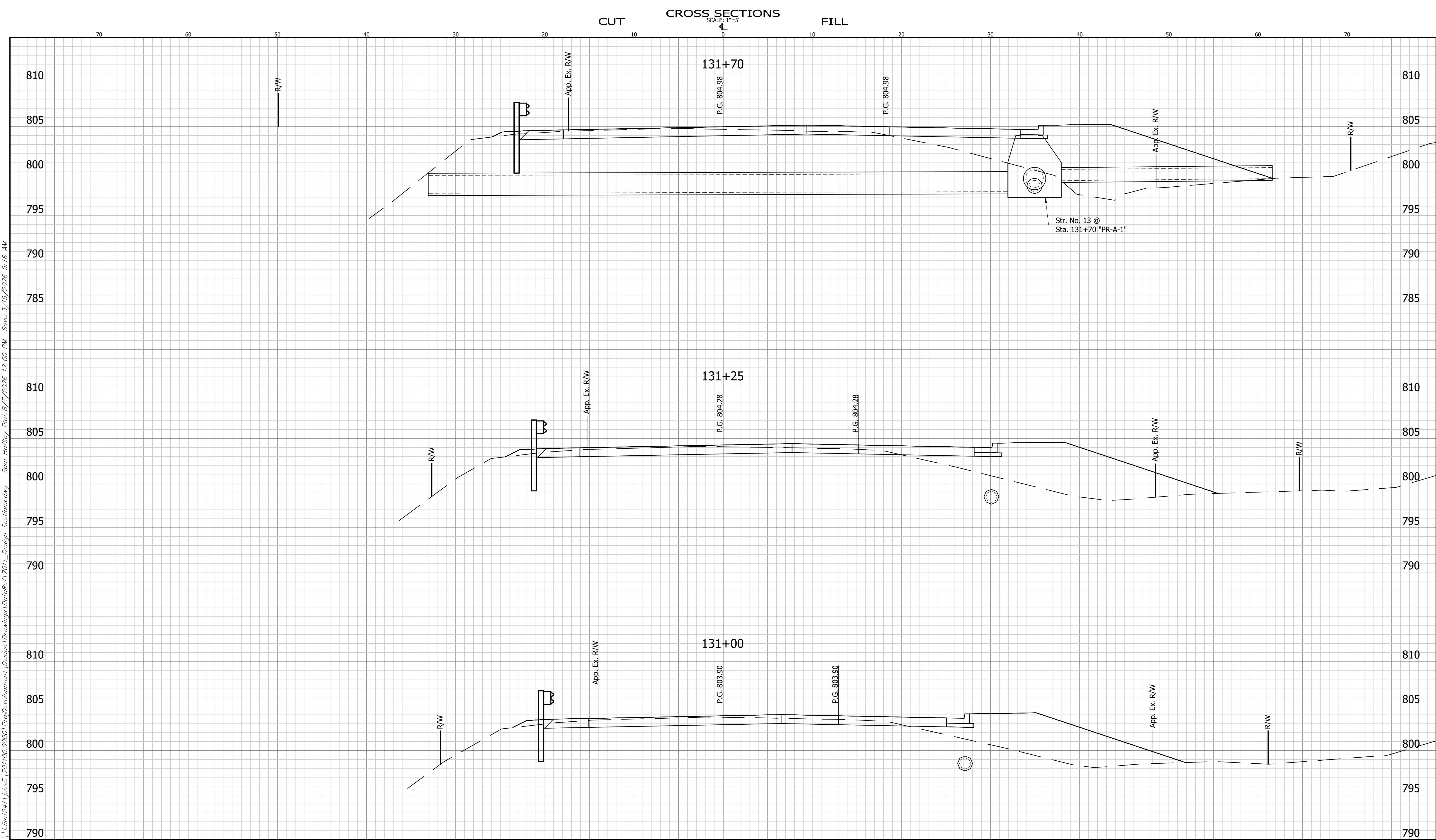
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CROSS SECTIONS LINE "PR-A-1"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5'		BRIDGE FILE DESIGNATION 2200046	
DESIGNED: AML	DRAWN: BEH	U.S. 35		SHEET 40 OF 66		CONTRACT R-44685	
CHECKED: CW	CHECKED: AML						



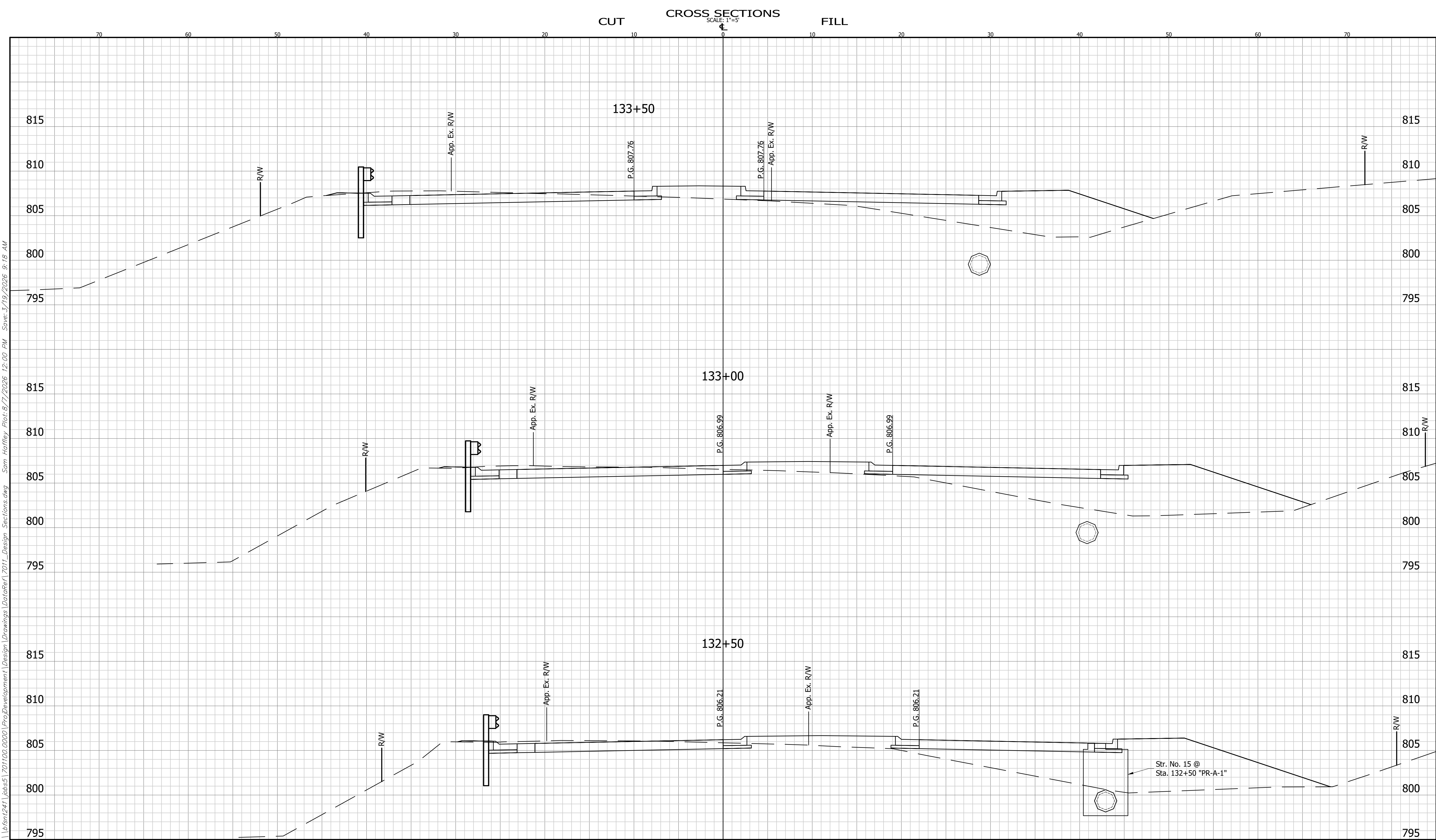
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CROSS SECTIONS LINE "PR-A-1"		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
DESIGNED: AML		DRAWN: BEH		DESIGNATION 2200046	
CHECKED: CW		CHECKED: AML		SHEET 41 OF 66	
		U.S. 35		CONTRACT R-44685	



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CROSS SECTIONS LINE "PR-A-1"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5'		BRIDGE FILE DESIGNATION 2200046	
DESIGNED: AML	DRAWN: BEH	U.S. 35		SHEET 42 OF 66		CONTRACT R-44685	
CHECKED: CW	CHECKED: AML						



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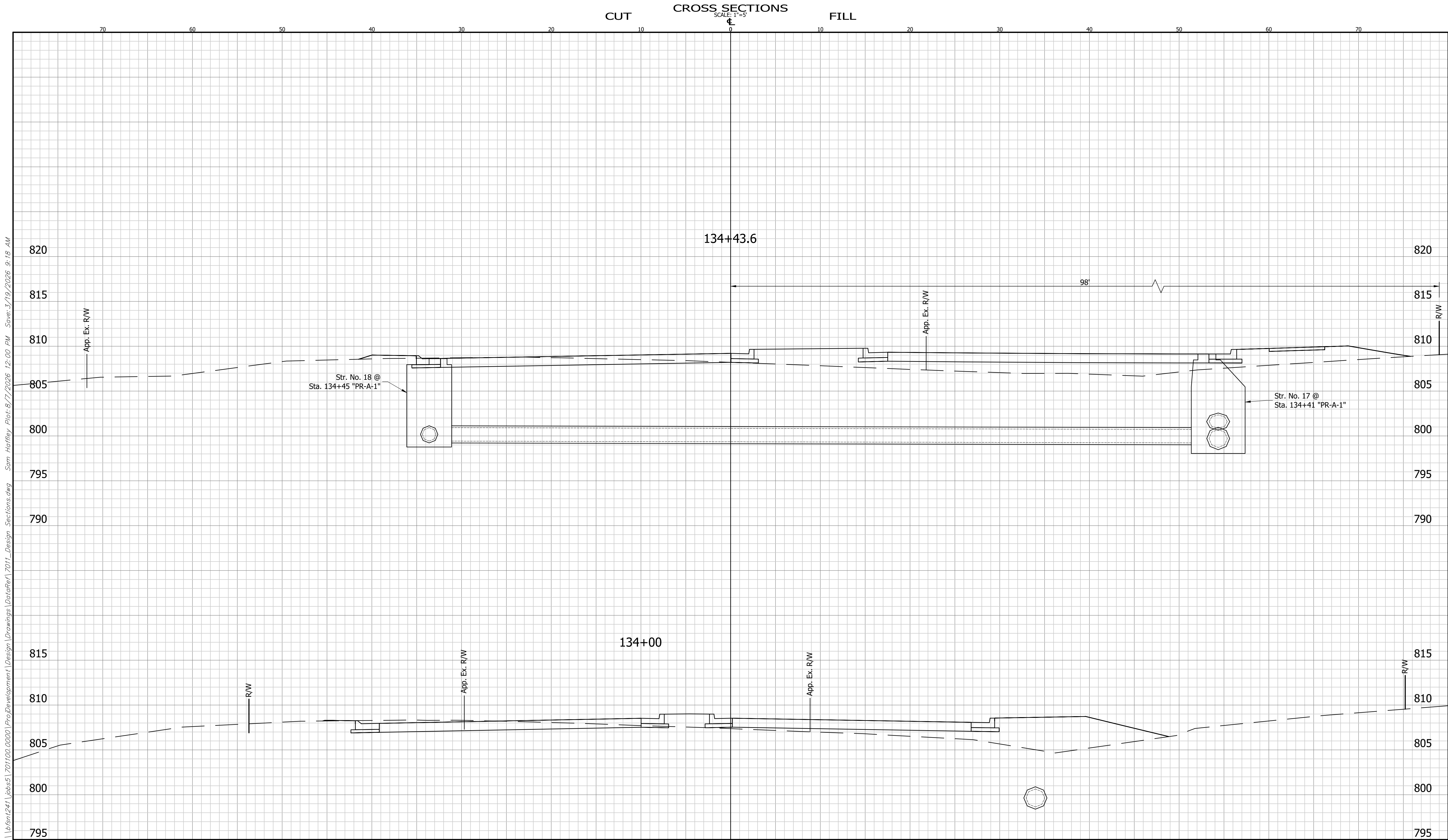
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			1" = 5'		2200046			
	DESIGNED: _____ AML		DRAWN: _____ BEH		U.S. 35		SHEET	
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CHECKED: _____ CW		CHECKED: _____ AML		CONTRACT				
				R-44685				

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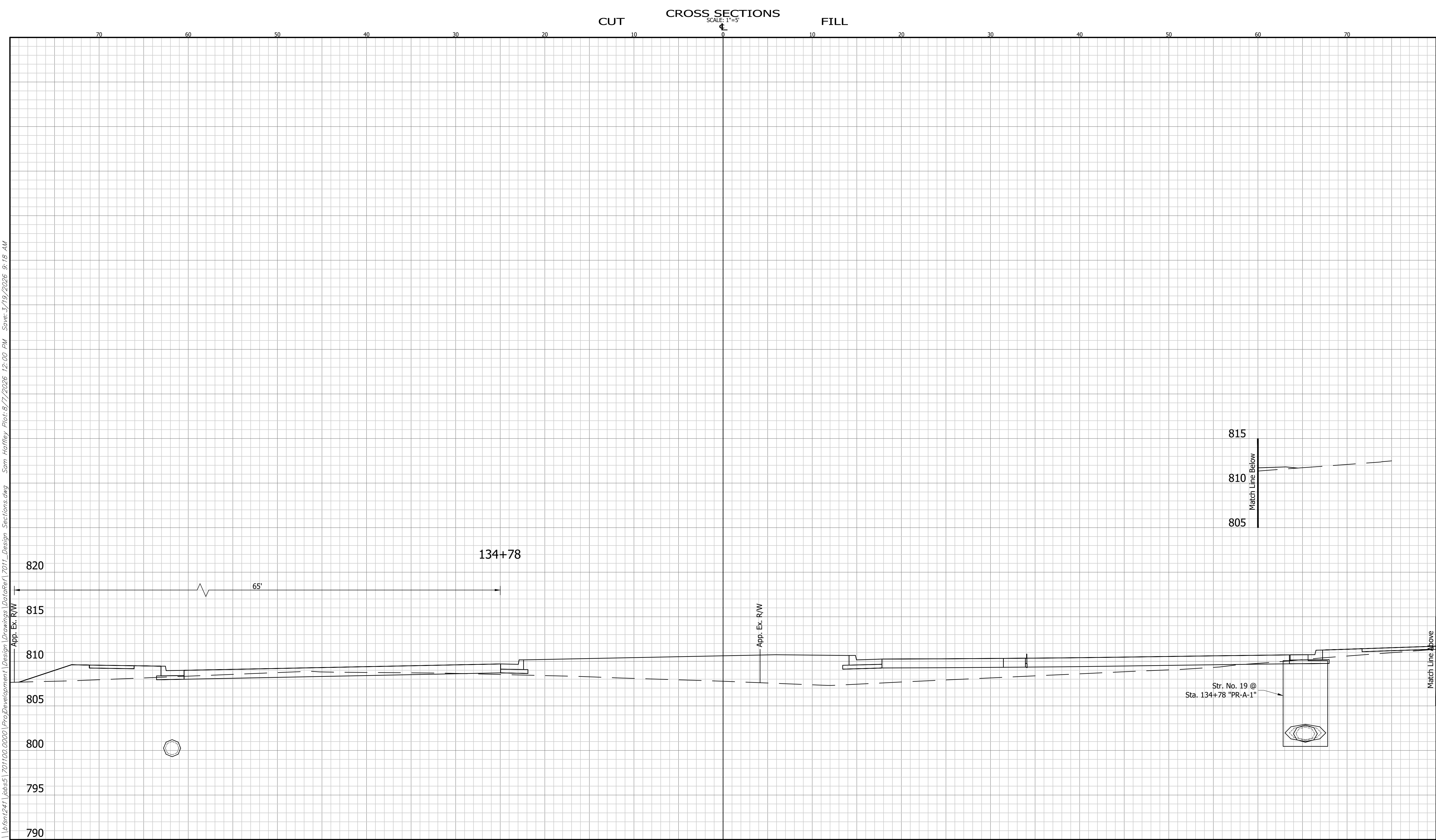




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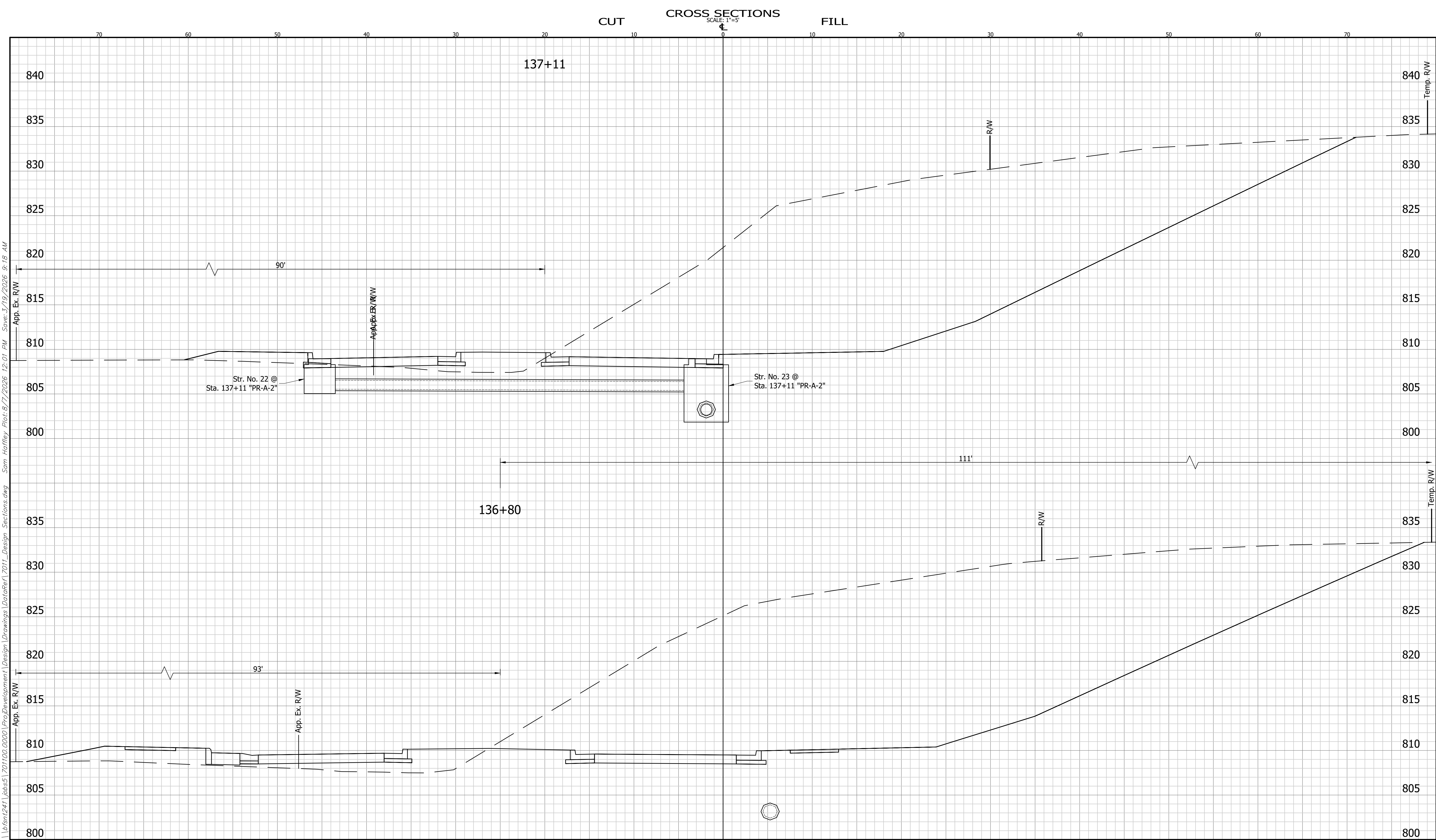
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CHECKED: CW				CHECKED: AML		SHEET	
						45	OF 66
						CONTRACT	
						R-44685	

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BFS NO.



CROSS SECTIONS LINE "PR-A-1"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
DESIGNED: AML		DRAWN: BEH		VERTICAL SCALE 1" = 5'	DESIGNATION 2200046
CHECKED: CW		CHECKED: AML		SHEET 46 OF 66	
		U.S. 35		CONTRACT R-44685	

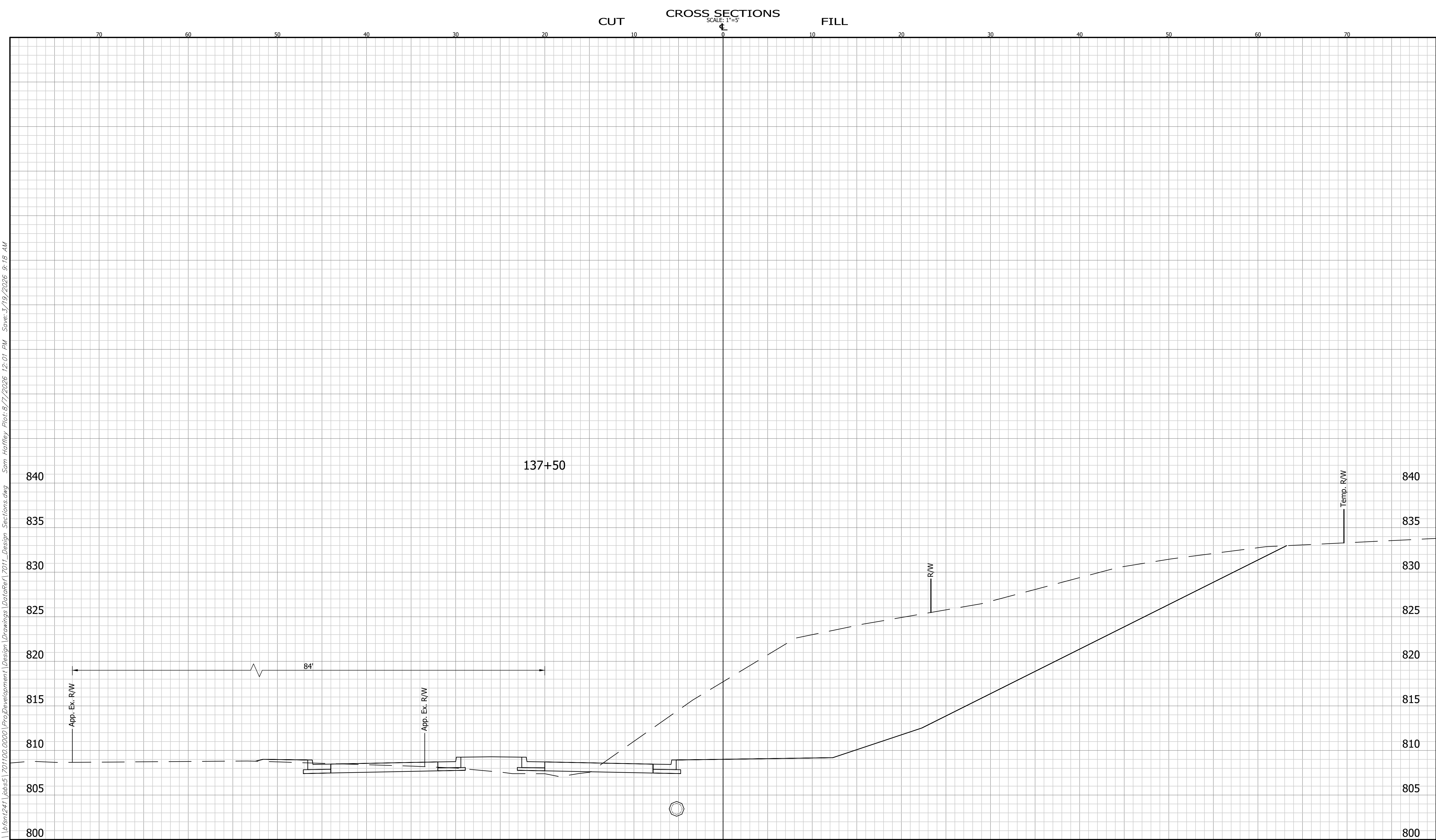
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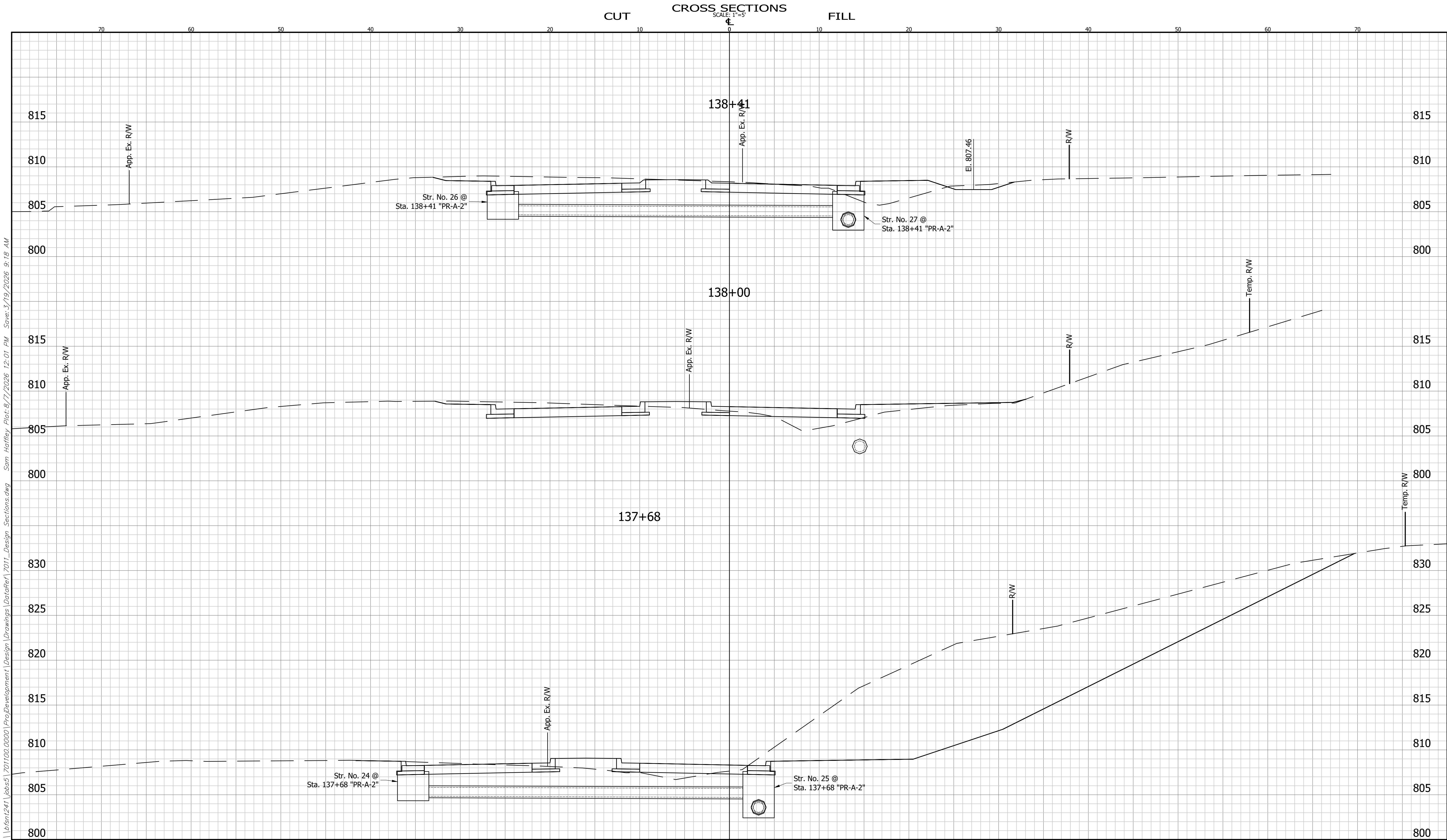
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CHECKED: CW		CHECKED: AML		SHEET 47 OF 66	
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BFS NO.



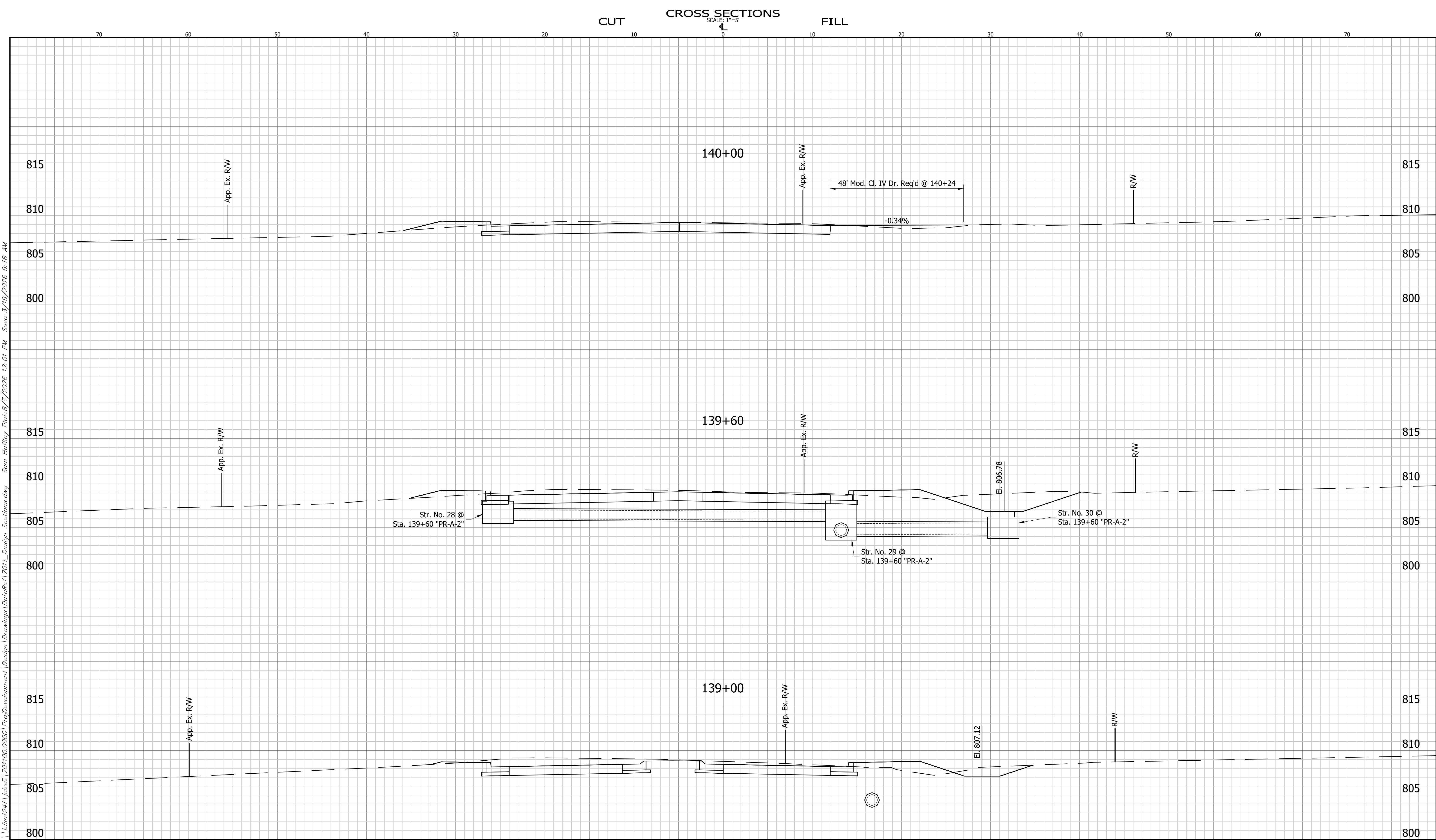
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CHECKED: CW		CHECKED: AML		SHEET 48 OF 66	
		U.S. 35		CONTRACT R-44685	

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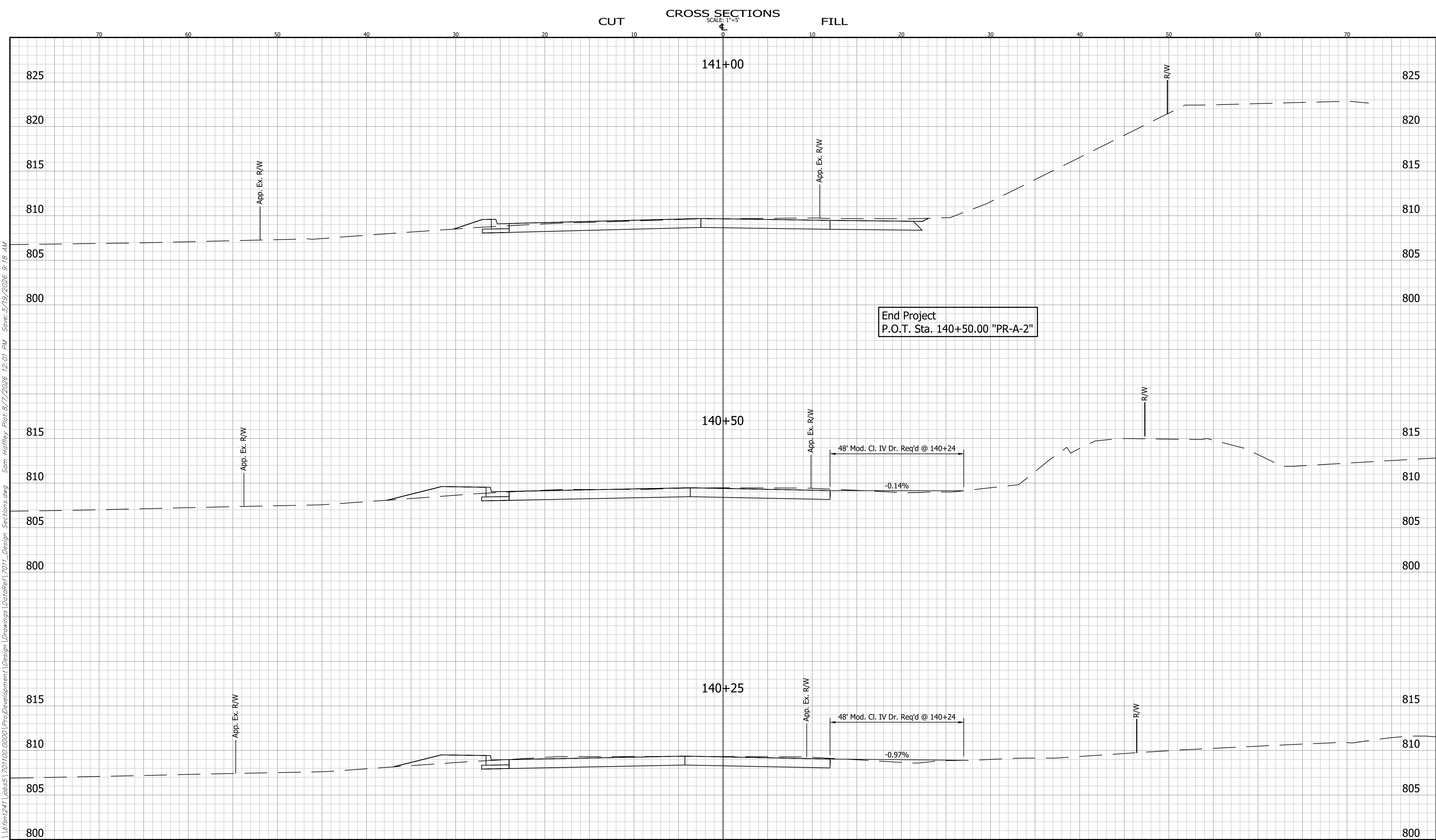
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CROSS SECTIONS LINE "PR-A-2"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
DESIGNED: AML		DRAWN: BEH		VERTICAL SCALE 1" = 5'	DESIGNATION 2200046
CHECKED: CW		CHECKED: AML		SHEET 49 OF 66	
		U.S. 35		CONTRACT R-44685	



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CROSS SECTIONS LINE "PR-A-2"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
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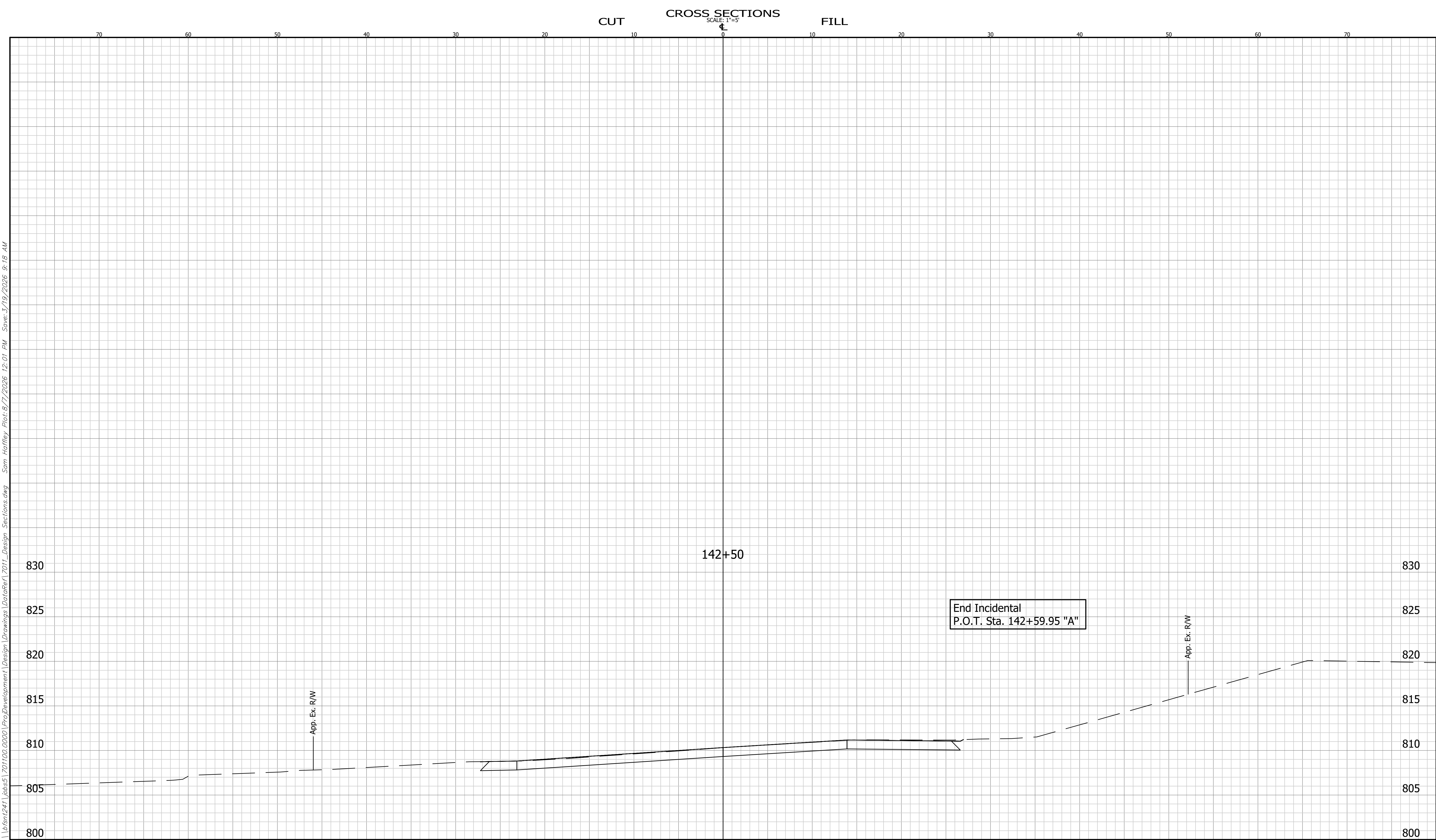


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	CROSS SECTIONS LINE "PR-A-2"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
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	DESIGNED: _____ AML		DRAWN: _____ BEH		VERTICAL SCALE		DESIGNATION	
					1" = 5'		2200046	
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							51 OF 66	
CONTRACT								
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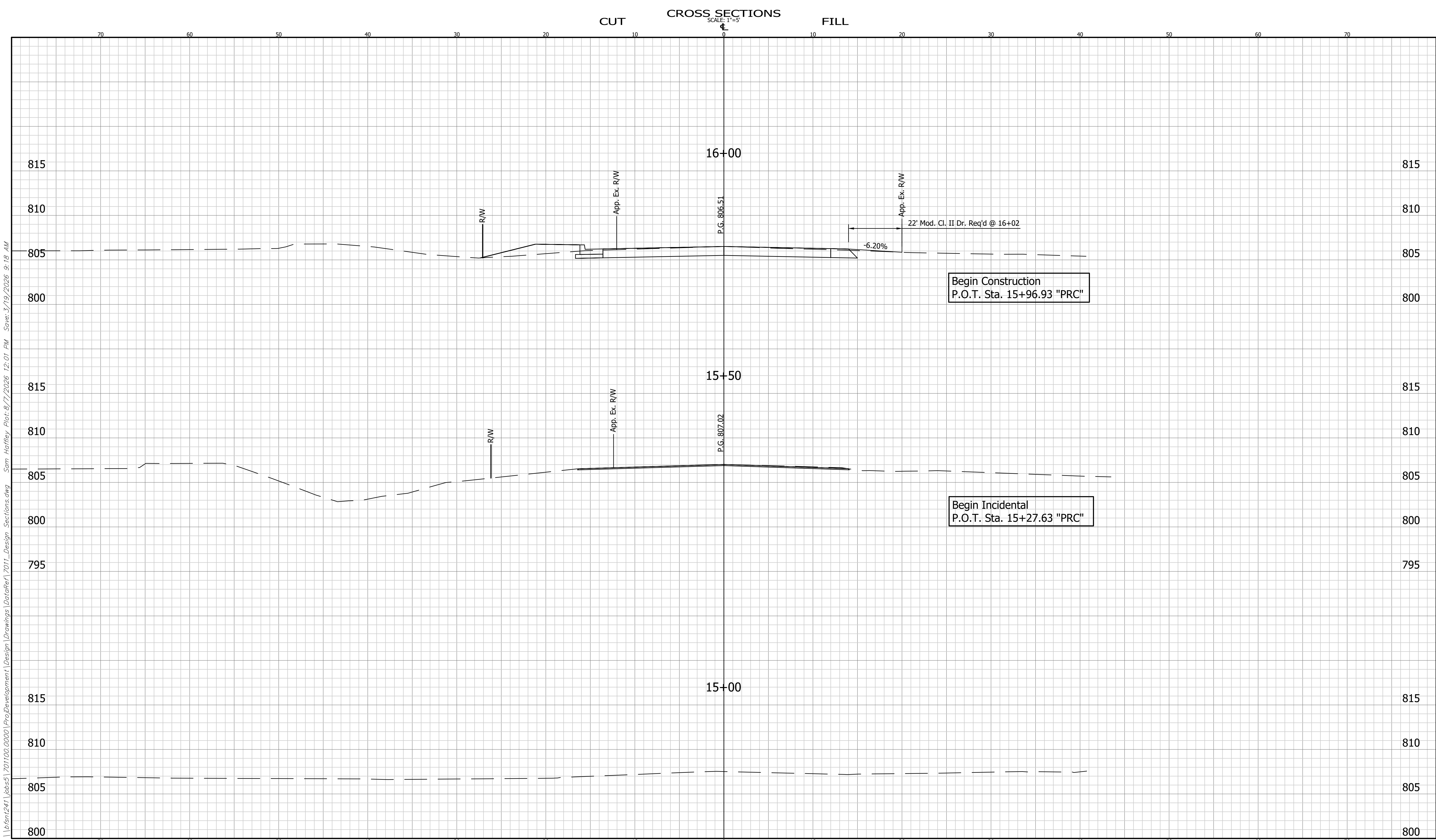


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	1" = 5'		2200046					
	DESIGNED: _____ AML		DRAWN: _____ BEH		U.S. 35		SHEET	
	CHECKED: _____ CW		CHECKED: _____ AML				53 OF 66	
				CONTRACT				
				R-44685				

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BPS NO.

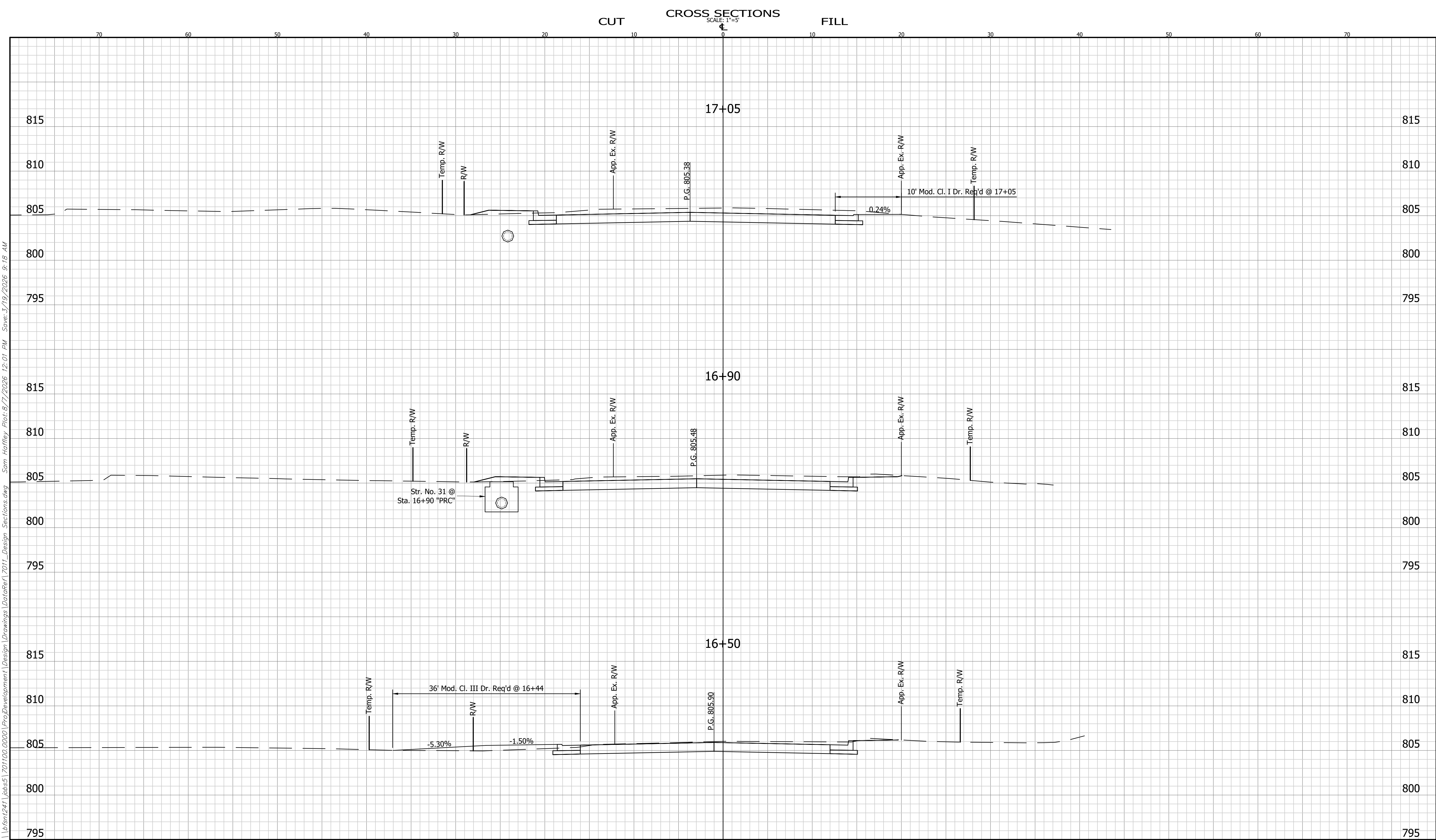


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	CROSS SECTIONS LINE "PRC"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'		BRIDGE FILE	
					VERTICAL SCALE 1" = 5'		DESIGNATION 2200046	
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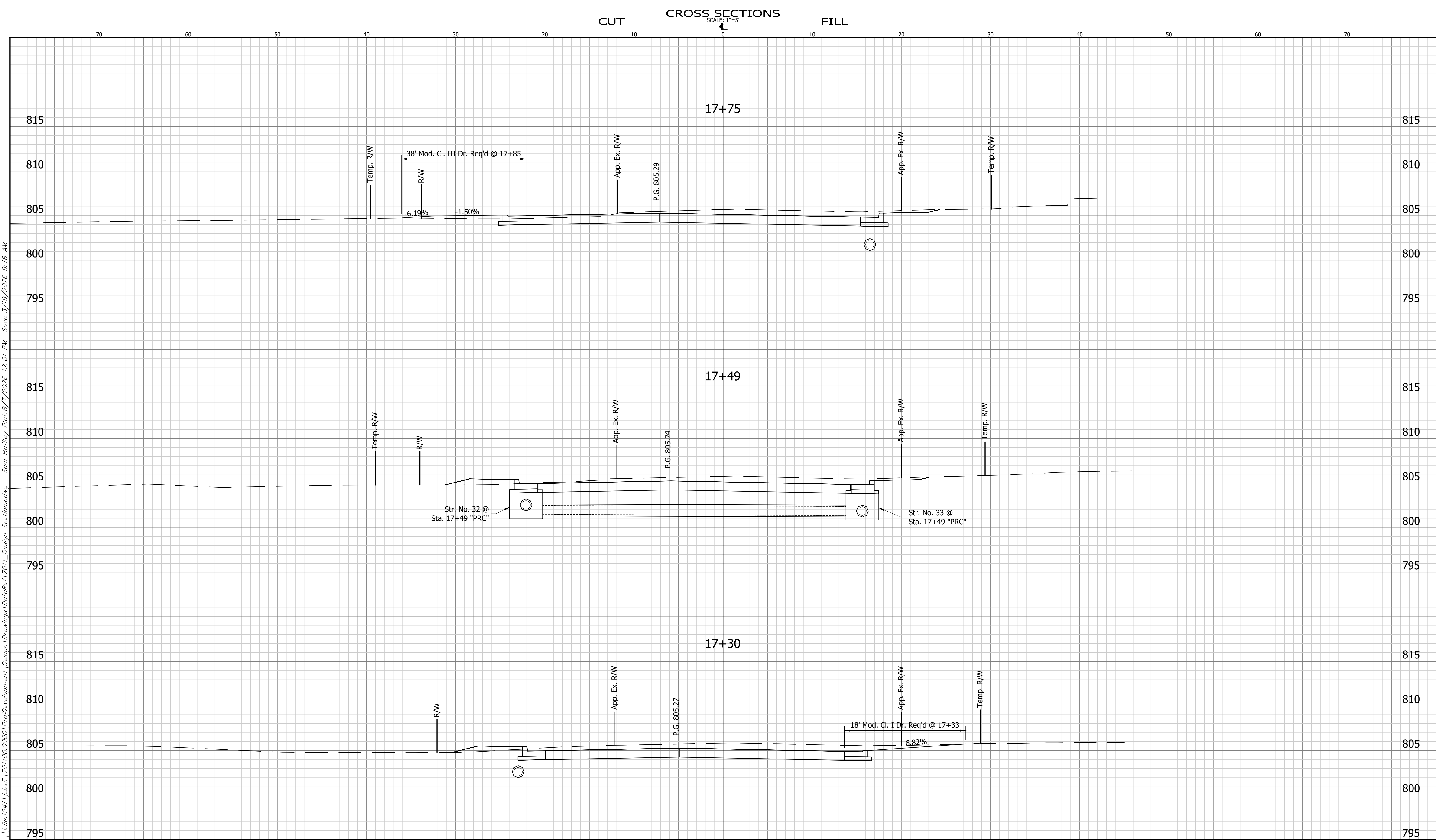
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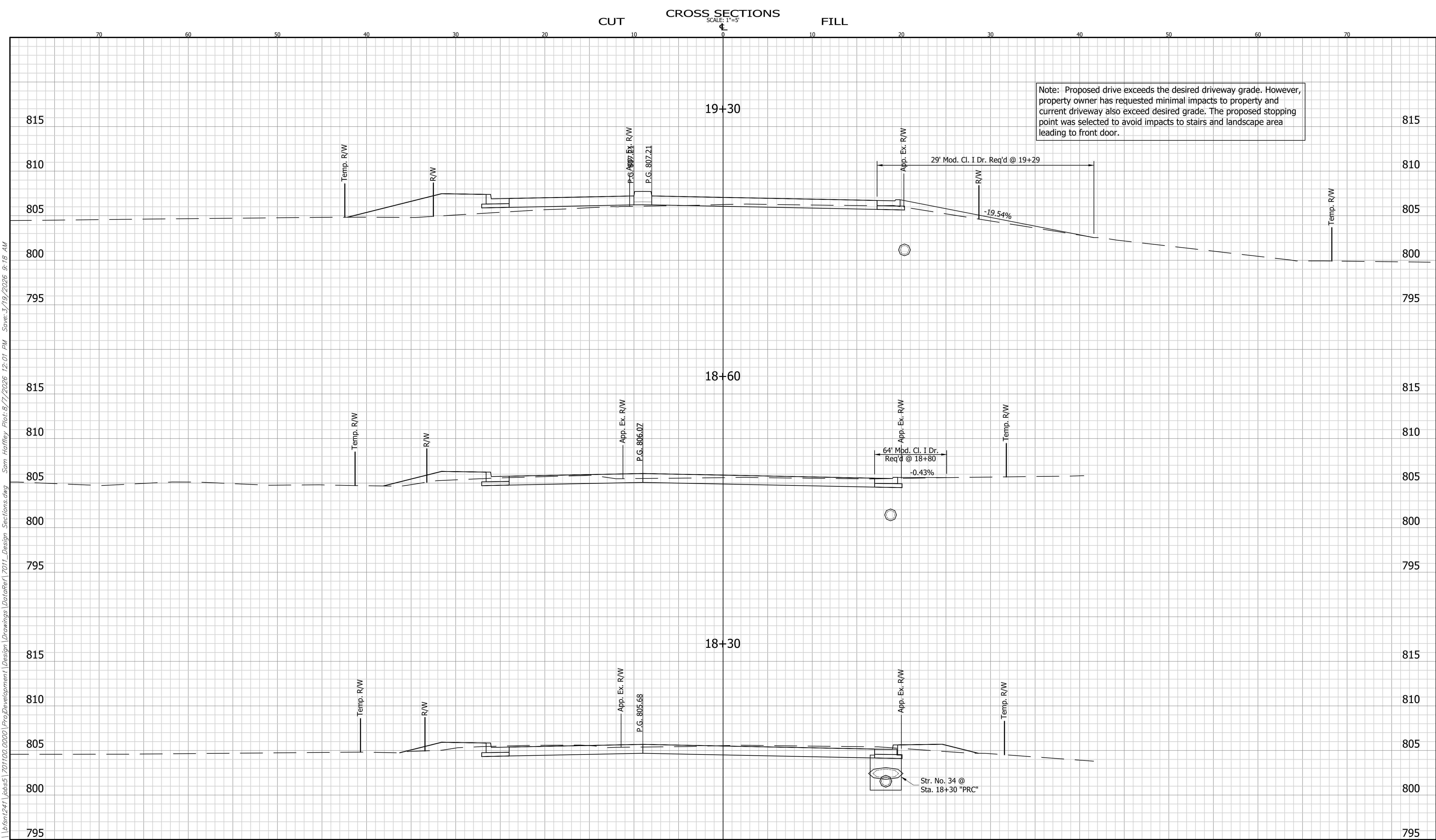
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CROSS SECTIONS LINE "PRC"		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
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CHECKED: CW		CHECKED: AML		SHEET 55 OF 66	
		JOHNSON RD.		CONTRACT R-44685	



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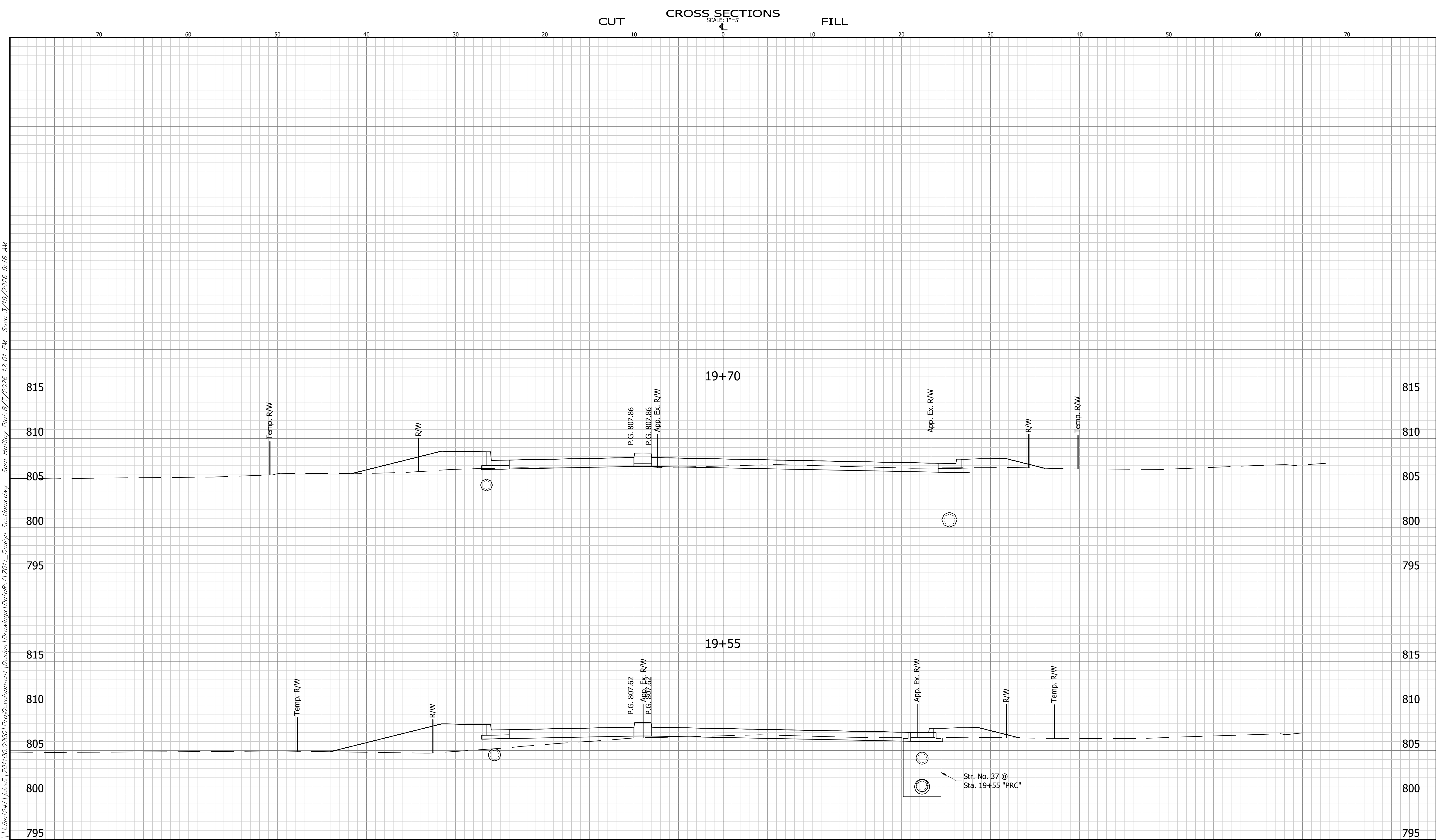
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CHECKED: CW		CHECKED: AML		SHEET 56 OF 66	
		JOHNSON RD.		CONTRACT R-44685	



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CROSS SECTIONS LINE "PRC"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
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CHECKED: CW		CHECKED: AML		SHEET	
		JOHNSON RD.		57	OF 66
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BFS NO.

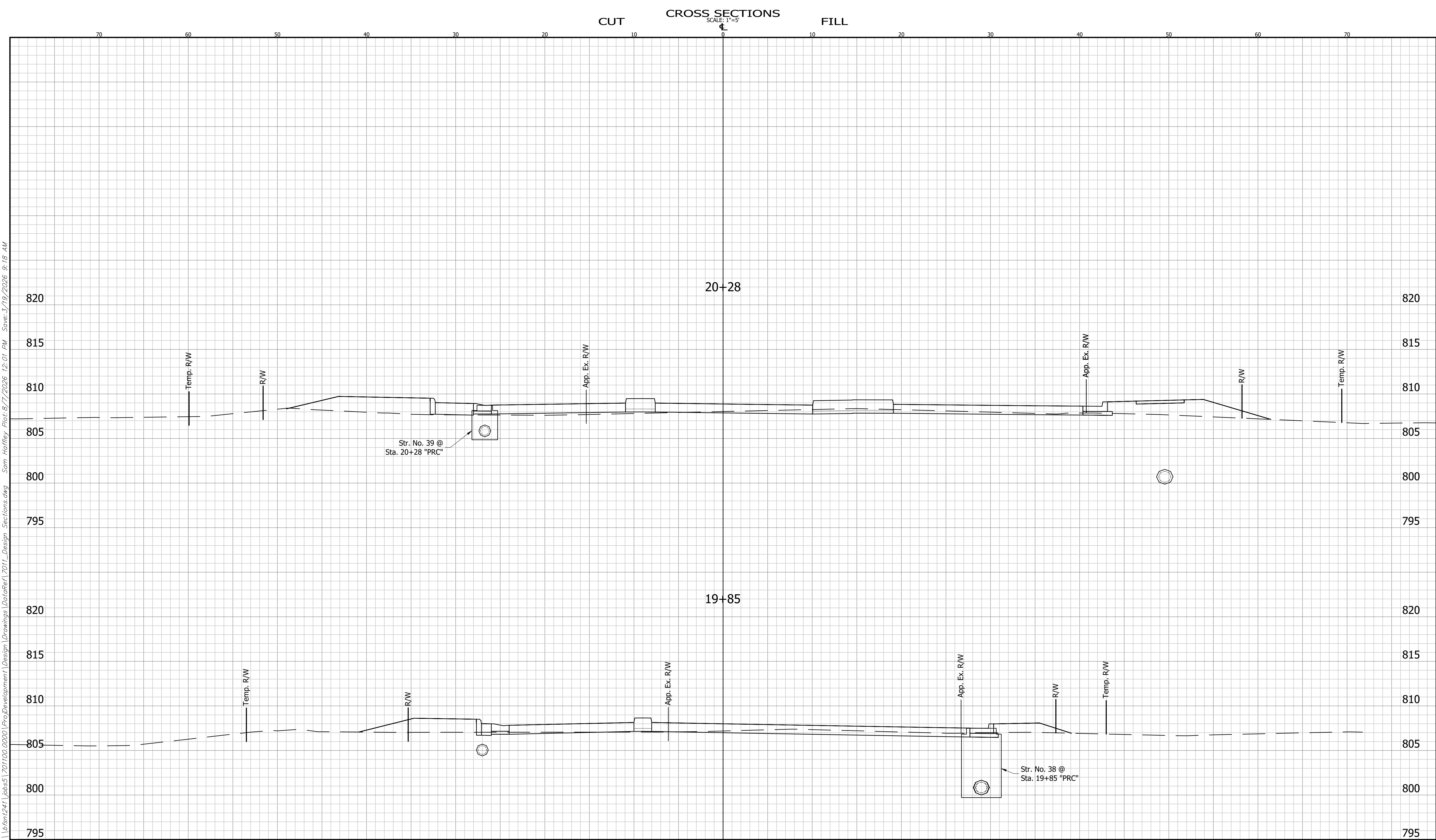


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	CROSS SECTIONS LINE "PRC"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
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					1" = 5'		2200046	
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							58 OF 66	
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						R-44685		

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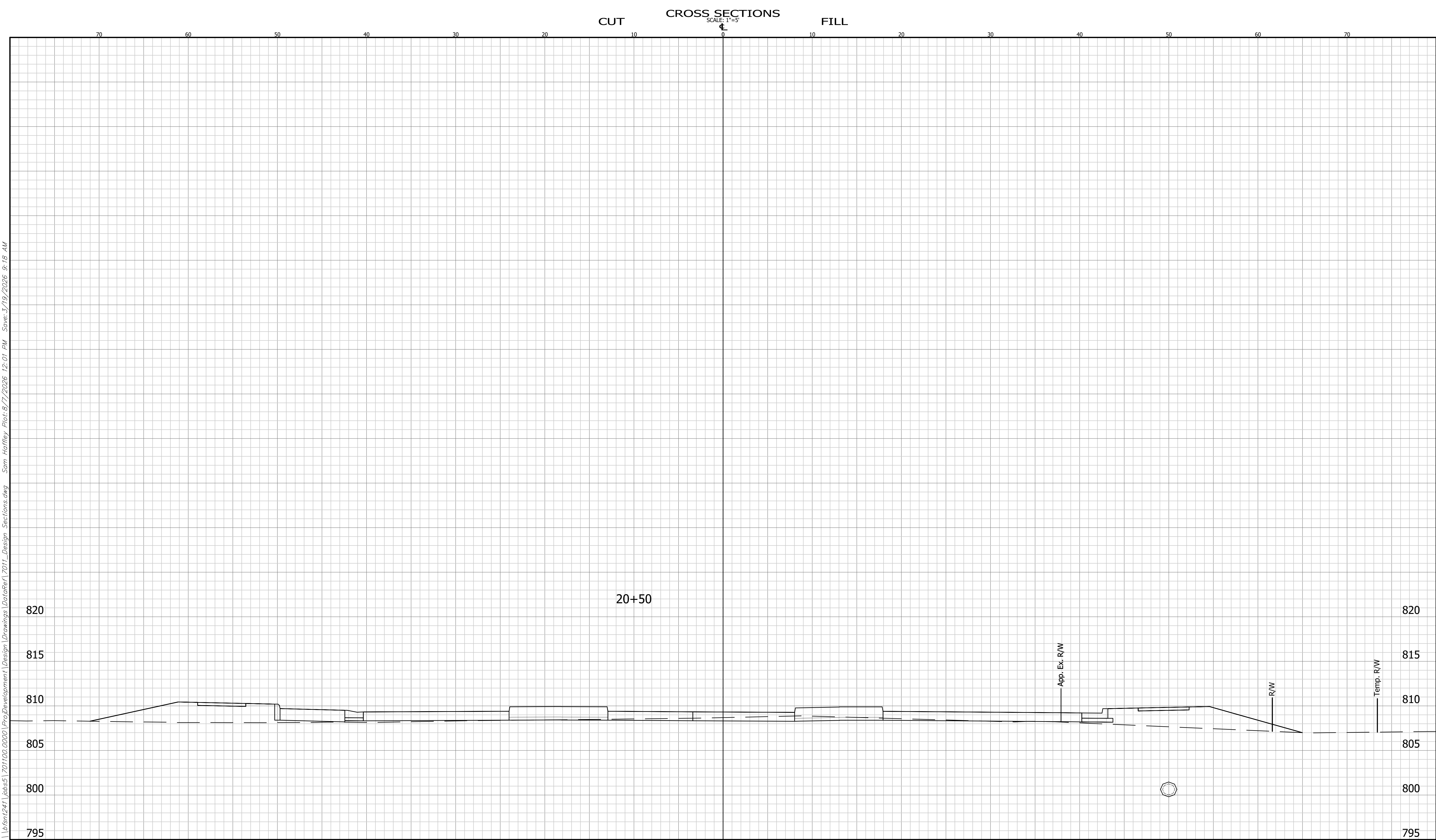
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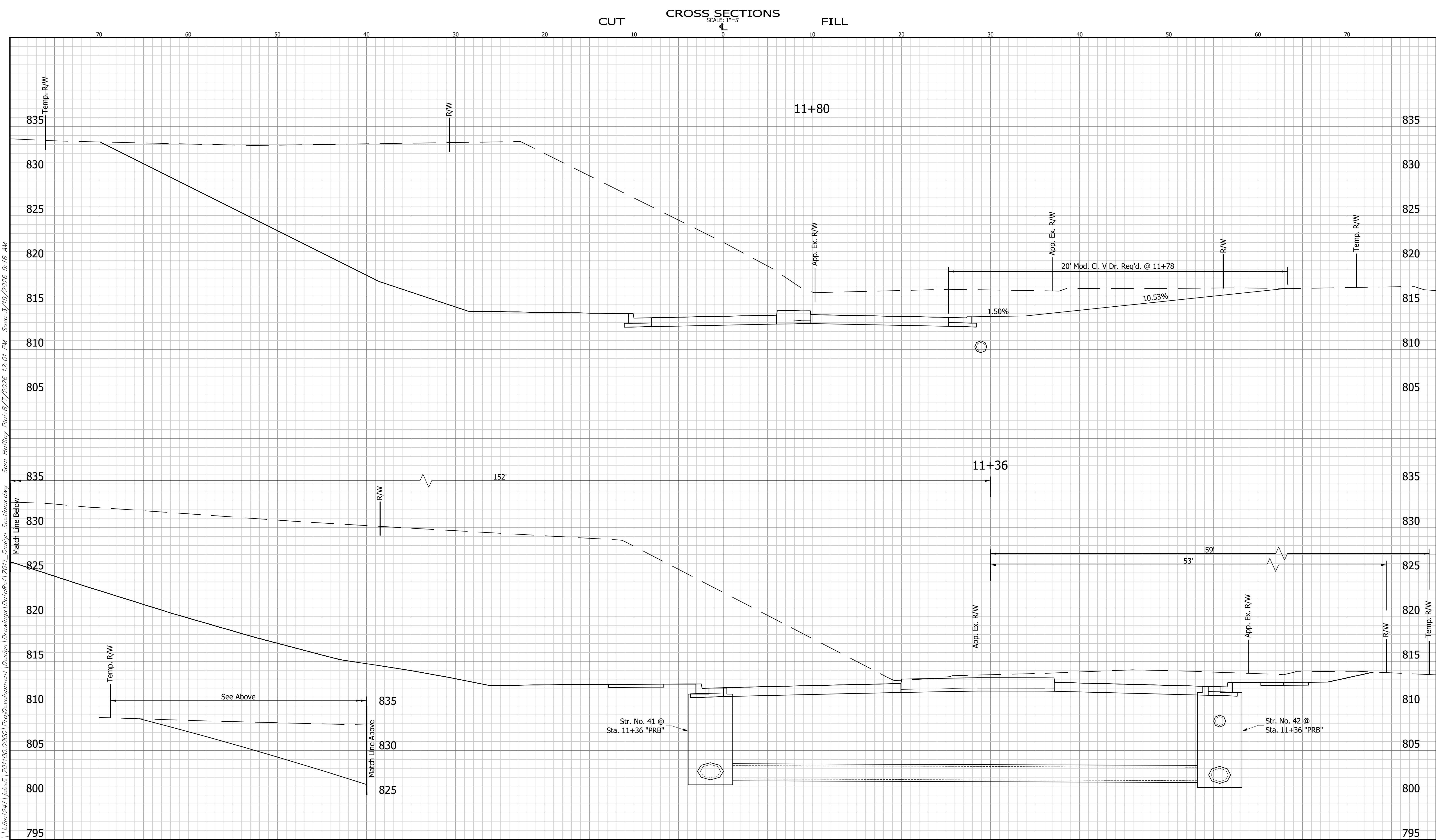
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CHECKED: CW		CHECKED: AML		2200046	
		JOHNSON RD.		SHEET	
				59 OF 66	
				CONTRACT	
				R-44685	

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BFS NO.



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CROSS SECTIONS LINE "PRC"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5'		BRIDGE FILE DESIGNATION 2200046	
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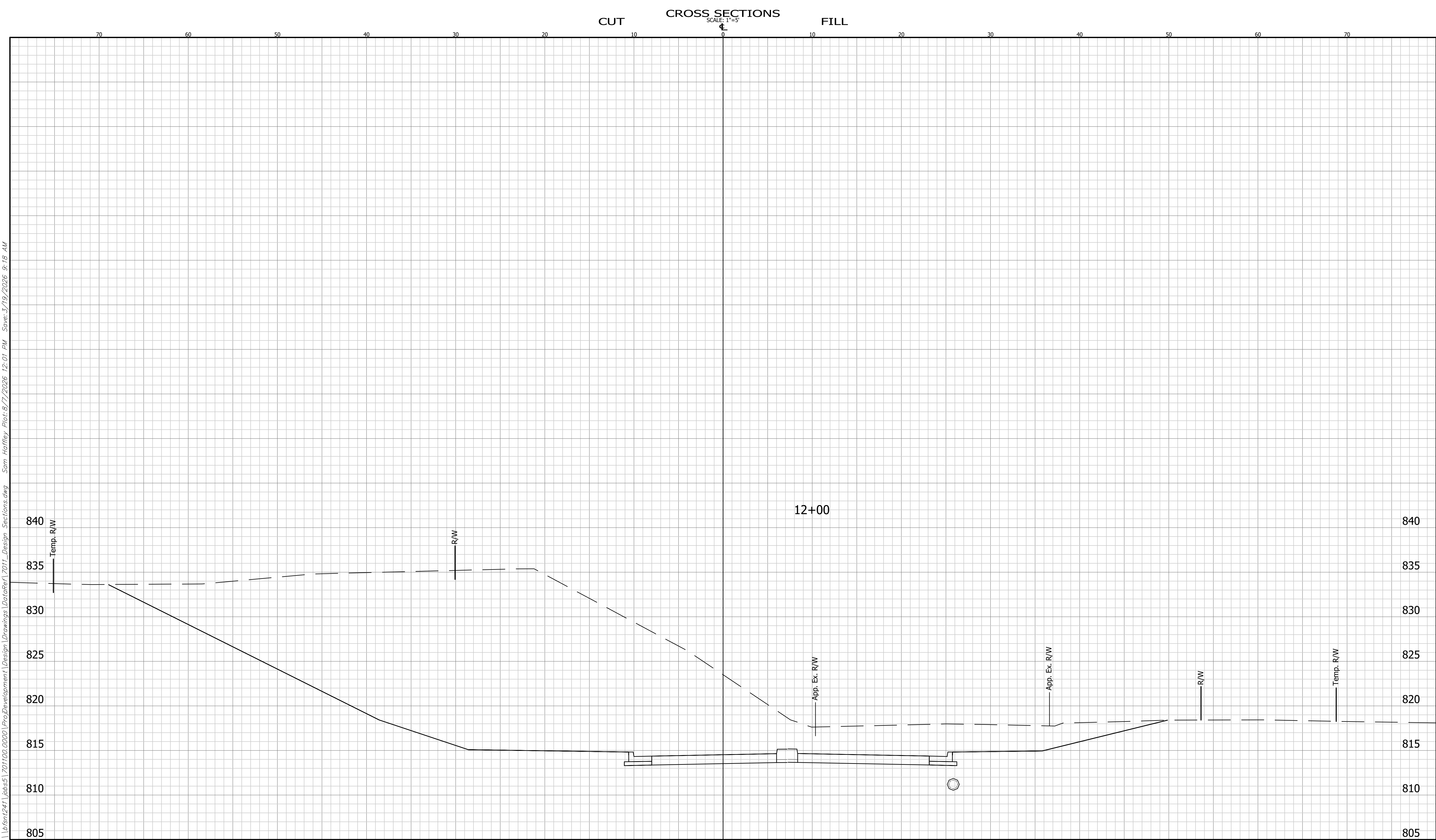


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CHECKED: CW		CHECKED: AML		SHEET	
				61	OF 66
				CONTRACT	
				R-44685	

SEVERS RD.

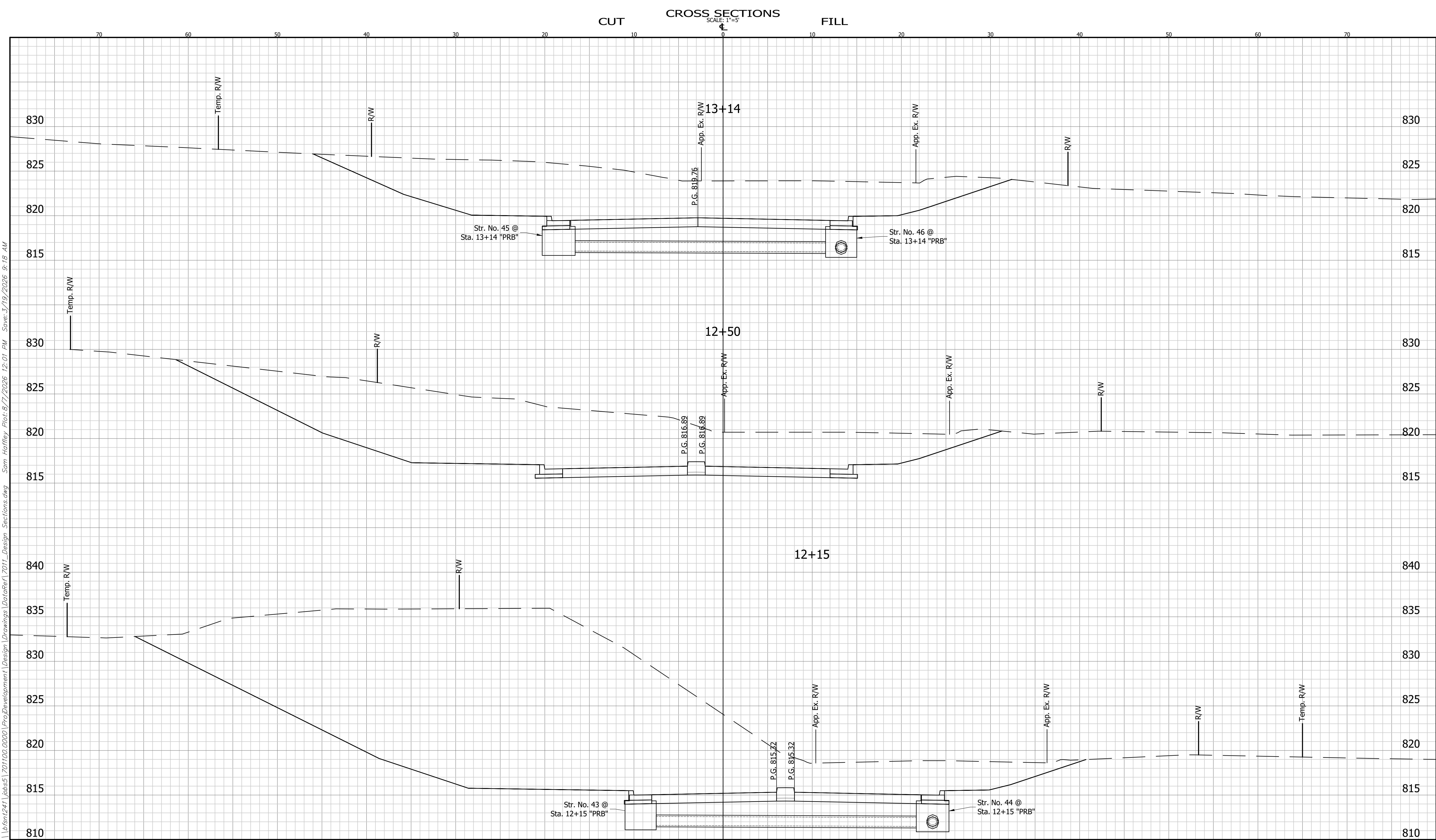
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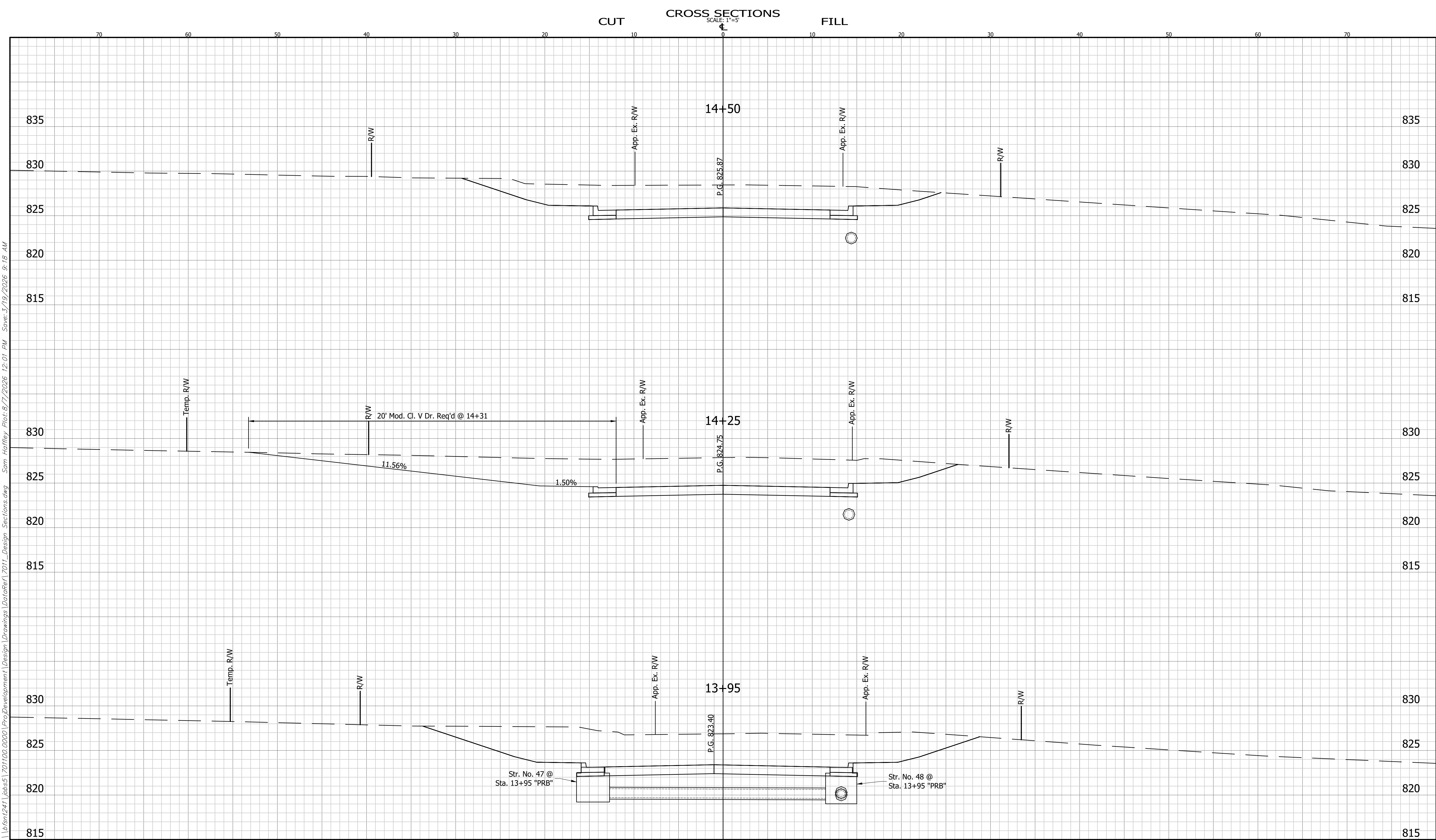
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CROSS SECTIONS LINE "PRB"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
DESIGNED: AML		DRAWN: BEH		VERTICAL SCALE 1" = 5'	DESIGNATION 2200046
CHECKED: CW		CHECKED: AML		SHEET 62 OF 66	
		SEVERS RD.		CONTRACT R-44685	



CROSS SECTIONS LINE "PRB"		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
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CHECKED: CW		CHECKED: AML		2200046	
		SEVERS RD.		SHEET	
				63 OF 66	
				CONTRACT	
				R-44685	

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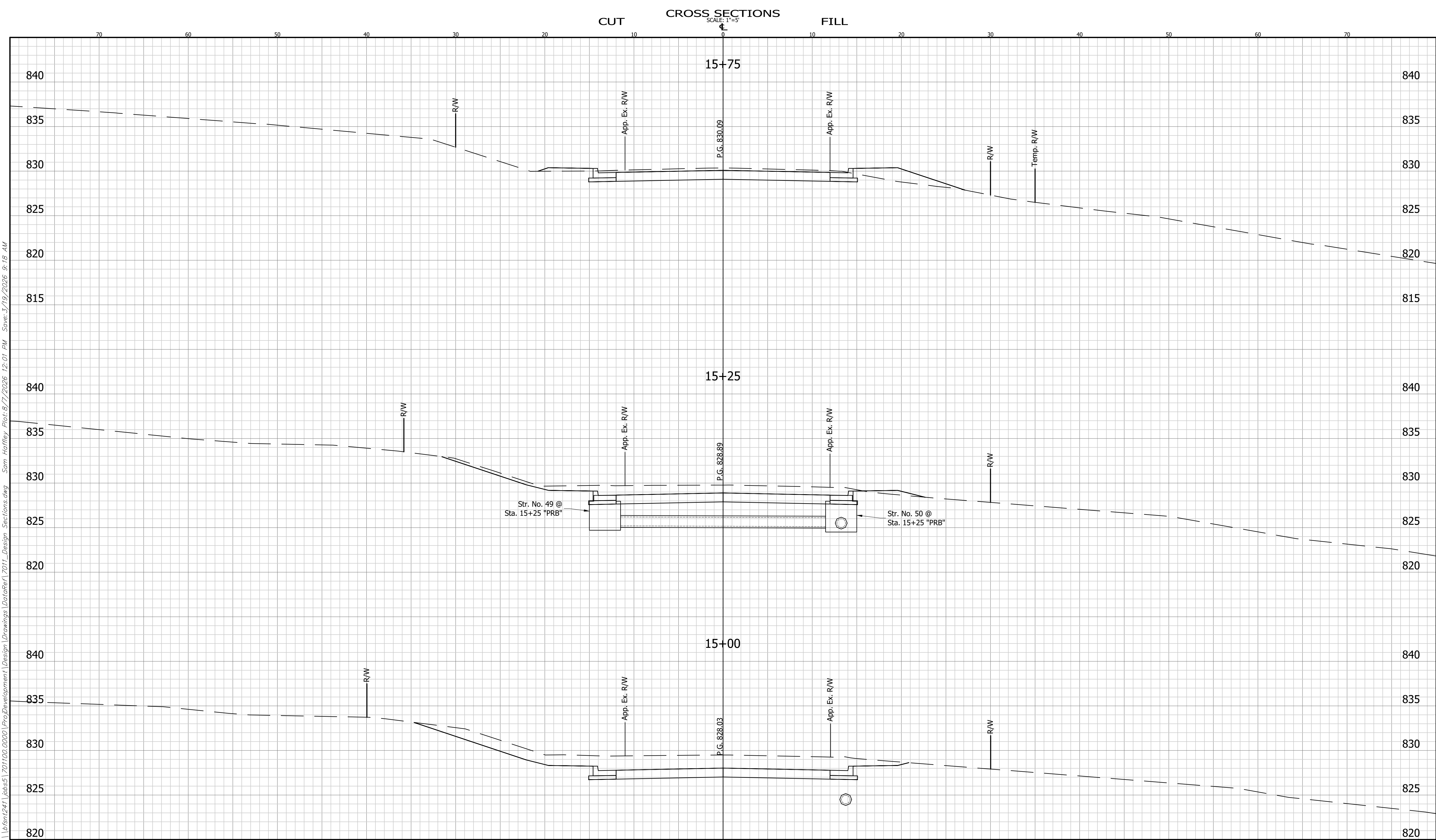


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	CROSS SECTIONS LINE "PRB"		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
					1" = 5'			
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					2200046			
	CHECKED: _____ CW CHECKED: _____ AML		SEVERS RD.				SHEET	
					64		66	
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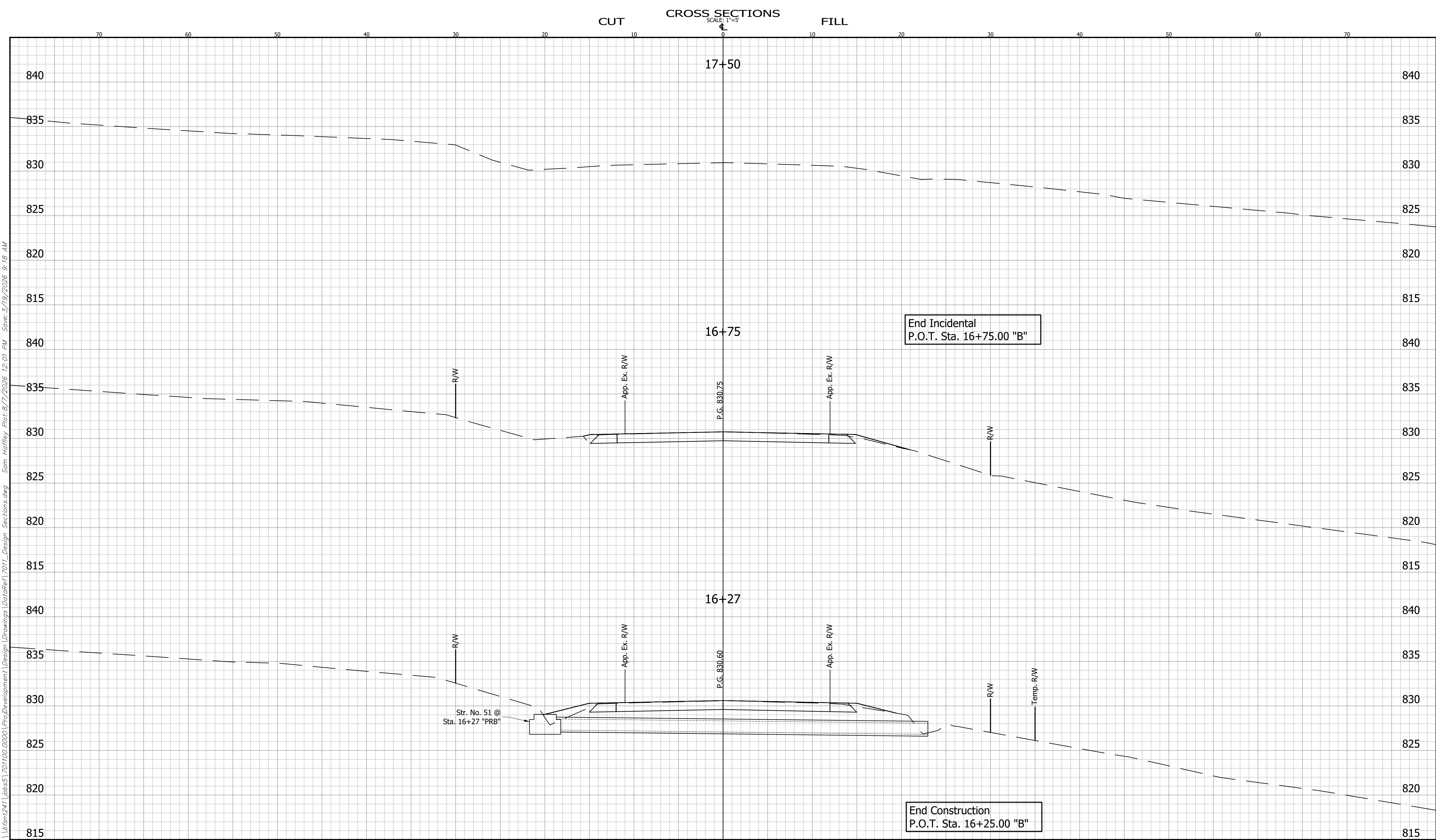
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CROSS SECTIONS LINE "PRB"		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
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CHECKED: CW		CHECKED: AML		SHEET 65 OF 66	
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CROSS SECTIONS LINE "PRB"		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
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		SEVERS RD.		CONTRACT R-44685	

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BFS NO.