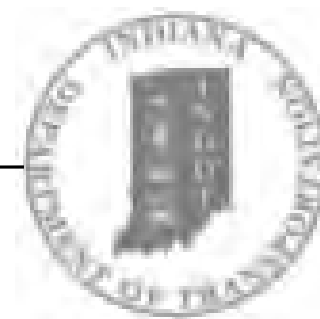


PROJECT	DESIGNATION NO.
1801912	1801912
CONTRACT	BRIDGE FILE
B-41844	LAPORTE 504 & 506

# INDIANA DEPARTMENT OF TRANSPORTATION



## BRIDGE PLANS

FOR SPANS OVER 20 FEET

ROUTE: TIPTON ST.

PROJECT NO.

1801912 P.E.

1801912 R/W

1801912 CONST.

TRAFFIC DATA	TIPTON STREET	FURNACE STREET	CLEAR LAKE BLVD	WASHINGTON/BRIGHTON ST
A.A.D.T. (2019)	3,010 V.P.D.	200 V.P.D.	300 V.P.D.	1620 V.P.D.
A.A.D.T. (2043)	11,272 V.P.D.	200 V.P.D.	360 V.P.D.	1620 V.P.D.
D.H.V. (2043)	1,105 V.P.H.	20 V.P.H.	40 V.P.H.	162 V.P.H.
DIRECTIONAL DISTRIBUTION	47% North \ 53% South	50%	50%	50%
TRUCKS	5.0% D.H.V. 5.2% A.A.D.T.	8% D.H.V. 5% A.A.D.T.	2% D.H.V. 2% A.A.D.T.	8% D.H.V. 5% A.A.D.T.
DESIGN DATA	TIPTON STREET	FURNACE STREET	CLEAR LAKE BLVD	WASHINGTON/BRIGHTON ST
DESIGN SPEED	25 MPH	30 MPH	25 MPH	30 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)	3R (Non-Freeway)	3R (Non-Freeway)	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	Minor Arterial	Local Road	Local Road	Minor Arterial
RURAL/URBAN	Urban (Suburban)	Urban (Suburban)	Urban (Suburban)	Urban (Suburban)
TERRAIN	Level	Level	Level	Level
ACCESS CONTROL	None	None	None	None

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
504	Precast Reinforced Concrete Three-Sided Bridge	One Span @ 42'-0" x 10'-0" Rise, Square	Washington Street	55+62.85 "C"
506	Continuous Composite Steel Plate Girder Bridge	One Span @ 130'-0", Square	Northfolk Southern Railroad	57+00.00 "C"

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

Nick Minnich, LaPorte City Engineer & EMPLOYEE IN RESPONSIBLE CHARGE (ERC)

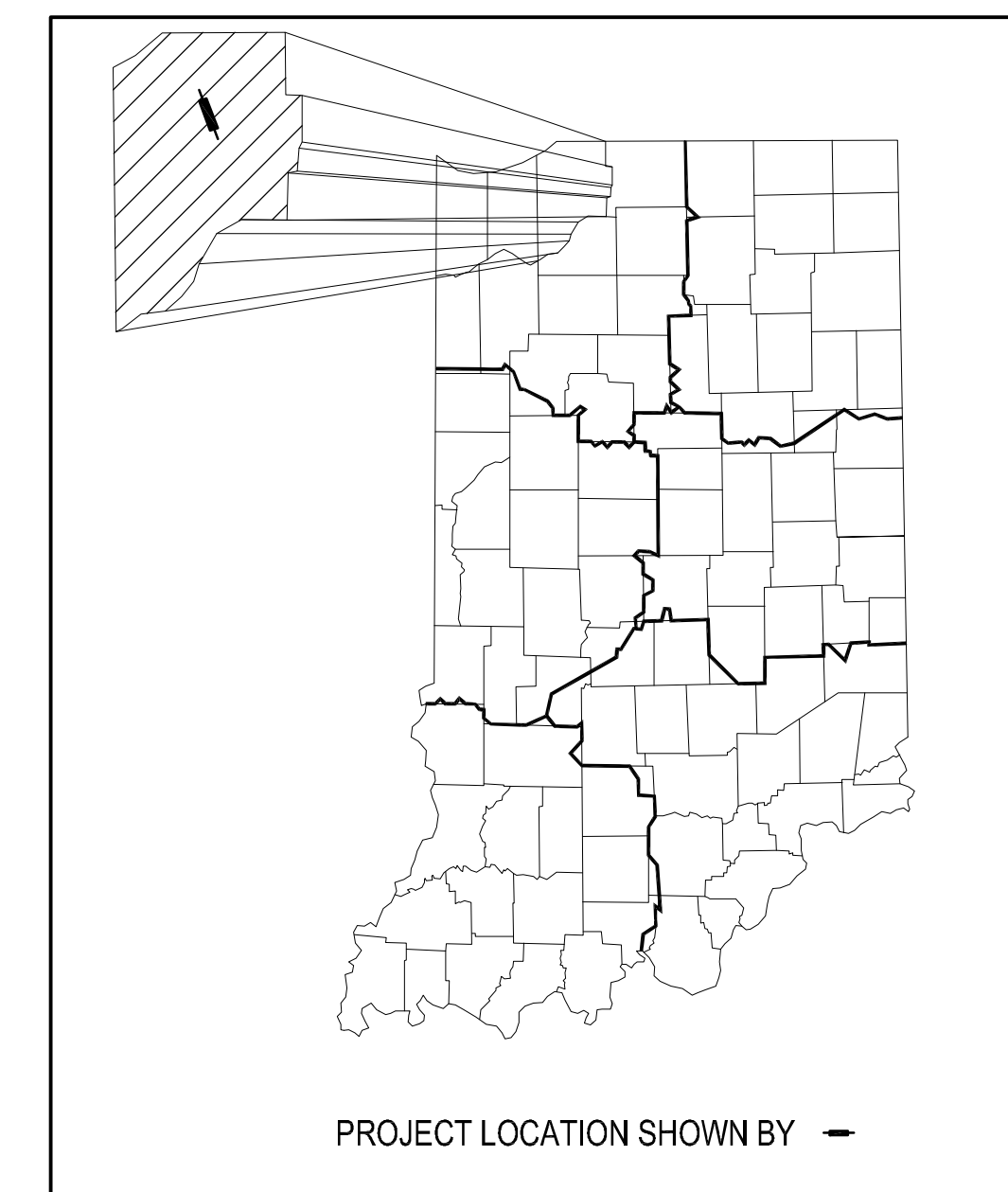
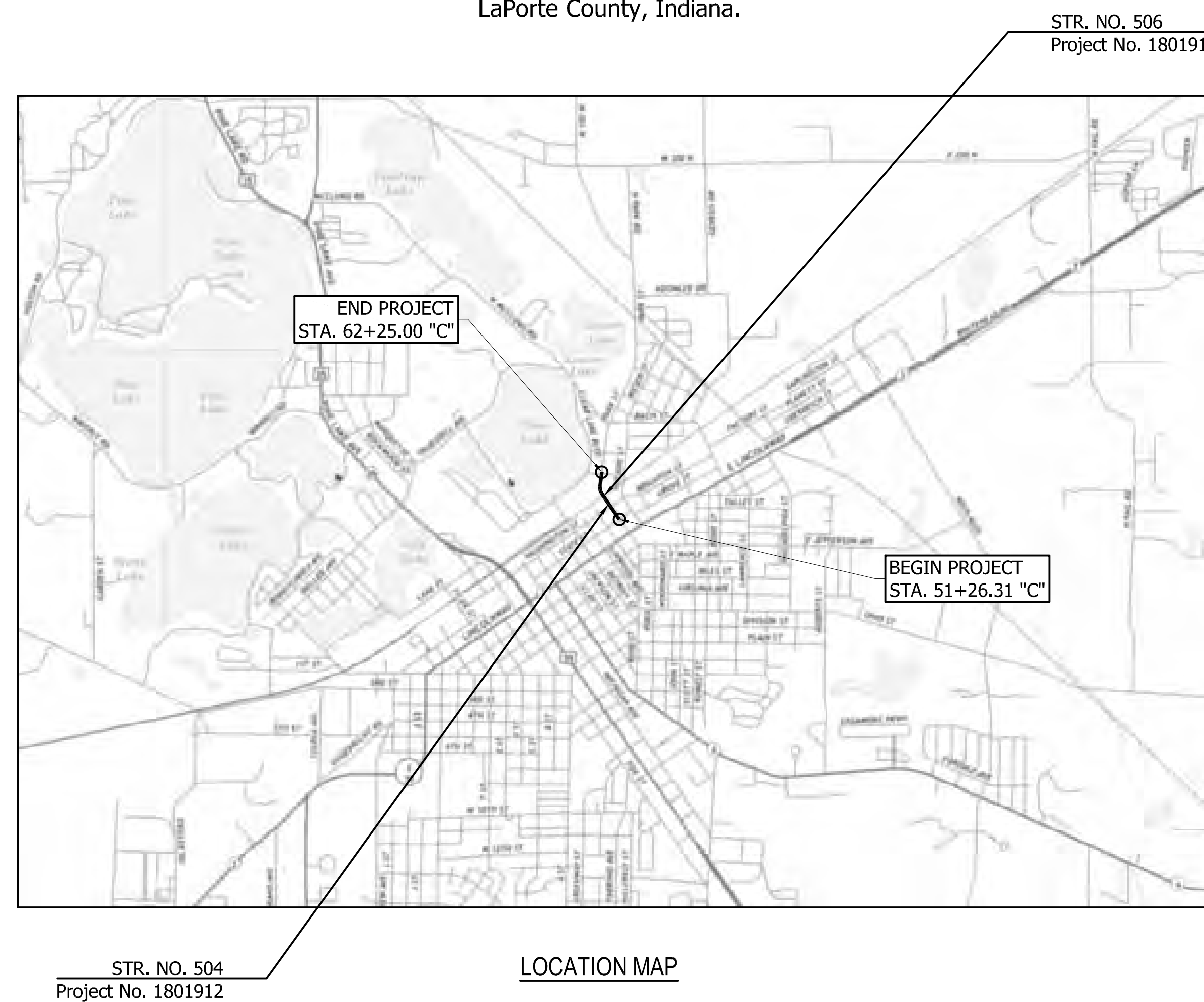
New Bridge Construction (Bridge No. 504) on Tipton Street over Washington Street  
 Located 0.87 miles north of Grove Street, Section 36, T37N, R3W, Center Township,  
 LaPorte County, Indiana.

New Bridge Construction (Bridge No. 506) on Tipton Street over Norfolk Southern Railroad  
 Located 0.113 miles north of Grove Street, Section 36, T37N, R3W, Center Township,  
 LaPorte County, Indiana.

APPROVED BY  
 CITY OF LAPORTE, BOARD OF PUBLIC WORKS

ATTEST \_\_\_\_\_ DATE \_\_\_\_\_

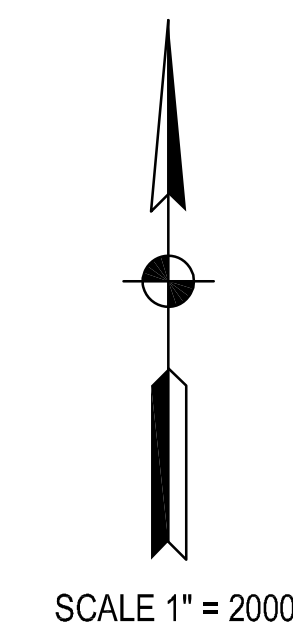
RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



LATITUDE: 41°36'59.85" LONGITUDE: 86°43'00.27"

BRIDGE NO. 504 LENGTH = 0.008 mi.  
 BRIDGE NO. 506 LENGTH = 0.025 mi.  
 ROAD LENGTH = 0.175 mi.  
 TOTAL LENGTH = 0.208 mi.  
 MAX. GRADE = +7.81%

Norfolk Southern milepost (CD-462.97) and AAR/DOT crossing number (522595A)



# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

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

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

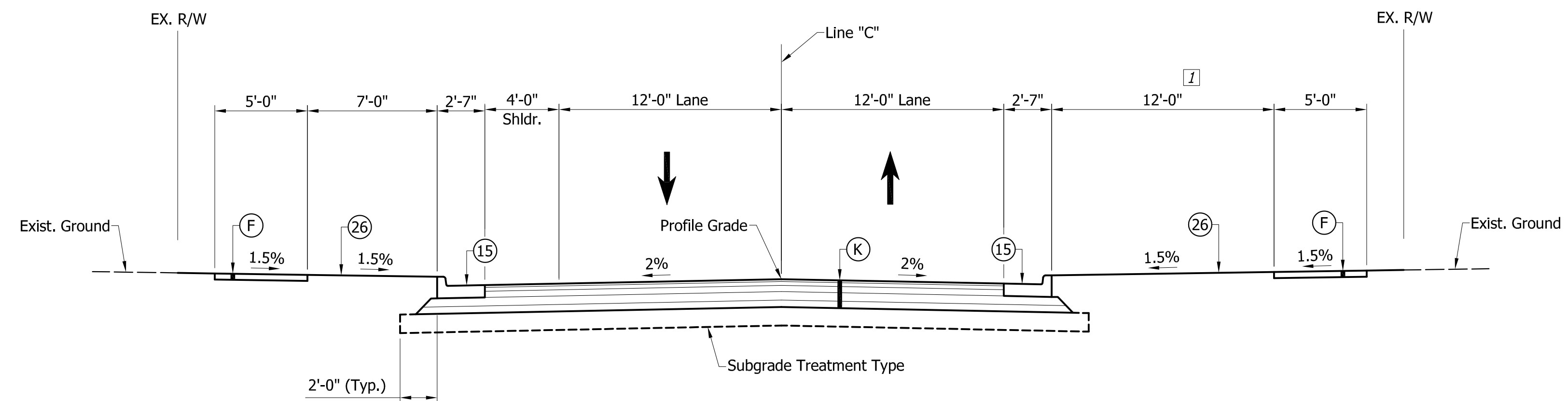
CERTIFIED BY: \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED FOR LETTING: \_\_\_\_\_ DATE \_\_\_\_\_

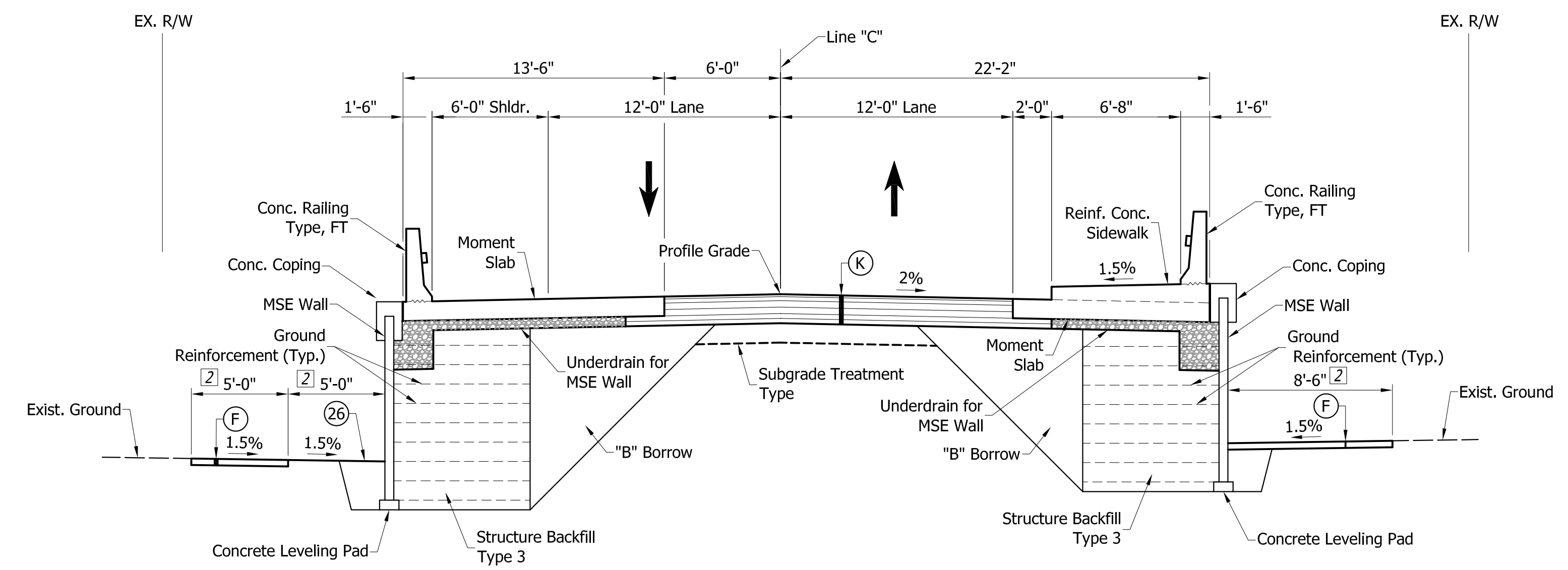
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE	
LAPORTE 504 & 506	
DESIGNATION NO.	
1801912	
SHEETS	
1	of 128
CONTRACT	
PROJECT NO.	
B-41844	1801912

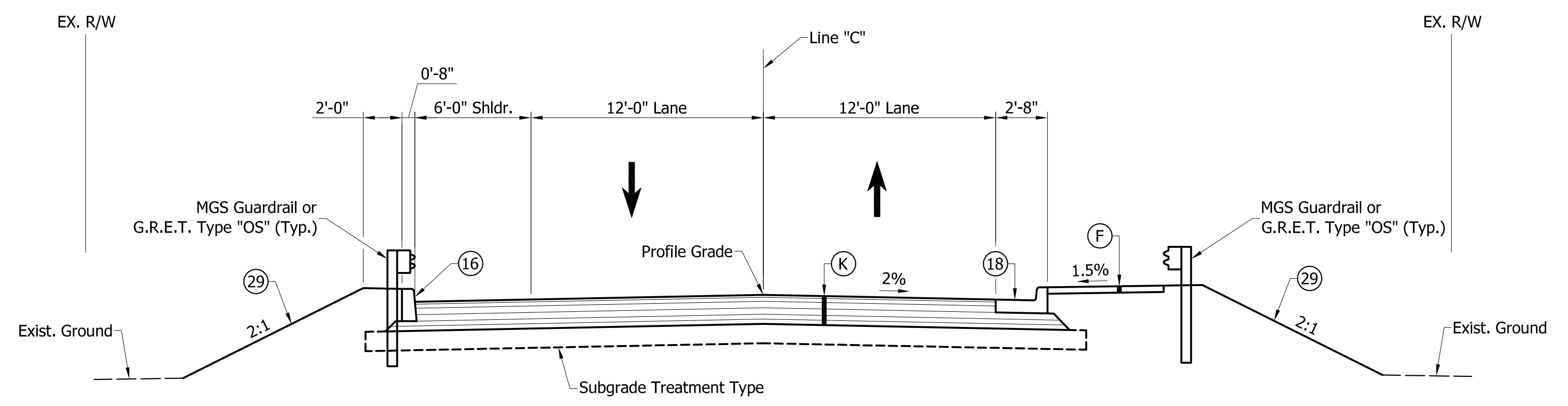




**TYPICAL CROSS SECTION LINE "C"**  
Sta. 51+26.31 to 52+70.00 "C"



**TYPICAL CROSS SECTION LINE "C"**  
Sta. 52+70.00 to 56+15.50 "C"



**TYPICAL CROSS SECTION LINE "C"**  
Sta. 57+89.81 to 58+81.00 "C"

**LEGEND**

- (K) HMA Full Depth Pavement  
xxx#/Syd. QC/QA-HMA, 3, 70, Surface 9.5 mm on  
xxx#/Syd. QC/QA-HMA, 3, 70, Intermediate 19.0 mm on  
xxx#/Syd. QC/QA-HMA, 3, 64, Base 25.0 mm on  
xxx#/Syd. QC/QA-HMA, 3, 64, Base 25.0 mm  
4 in. Depth Compacted Aggregate Base No. 53 on  
Geotextile for Pavement, Type 1B on  
Subgrade Treatment Type
- (F) Sidewalk, Concrete
- (15) Combined Concrete Curb and Gutter
- (16) Concrete Curb, 8"
- (18) Combined Concrete Curb and Gutter, Type C
- (26) Sodding, Nursery
- (29) Mulched Seeding, U (All side slopes 2:1 and steeper  
to have Erosion Control Blanket)

Notes:  
O.F.Z. = Obstruction Free Zone  
[1] Varies from 12' @ Sta. 52+20.00 to 0' @ 52+70.00 "C"  
[2] Sta. 52+70.00 to Sta. 54+04.00 "C"

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

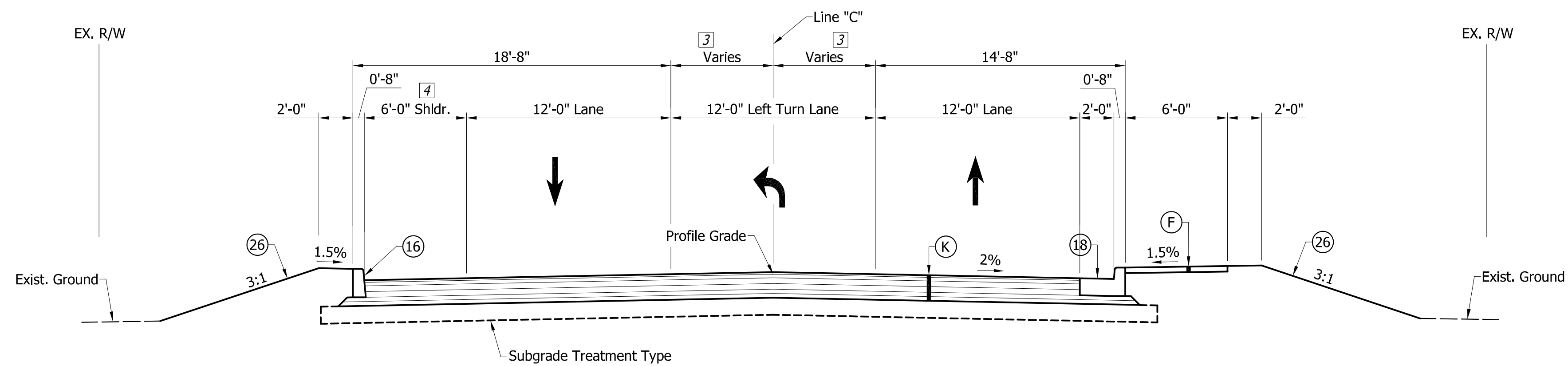
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CHECKED: GRW CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

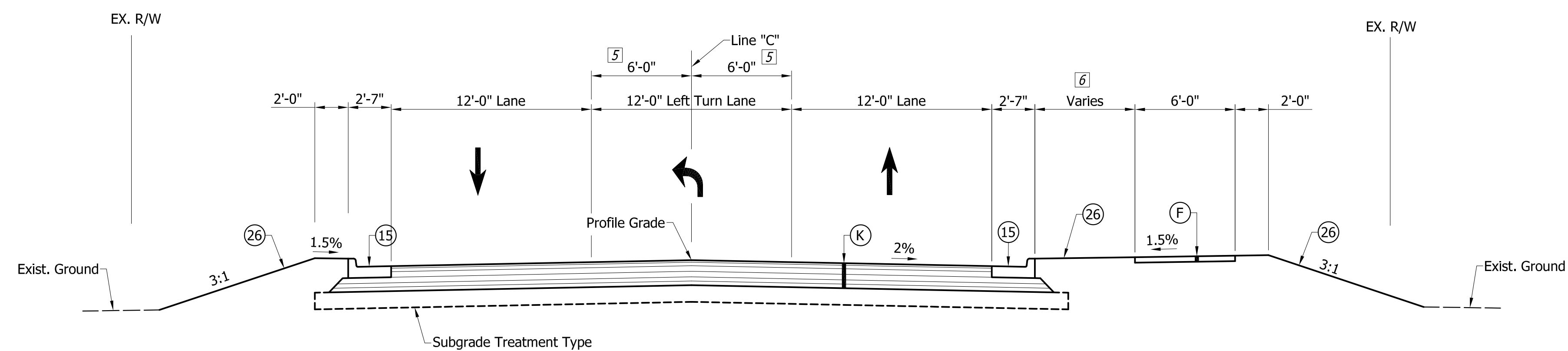
TYPICAL CROSS SECTIONS  
LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	3 of 128
CONTRACT	PROJECT
B-41844	1801912

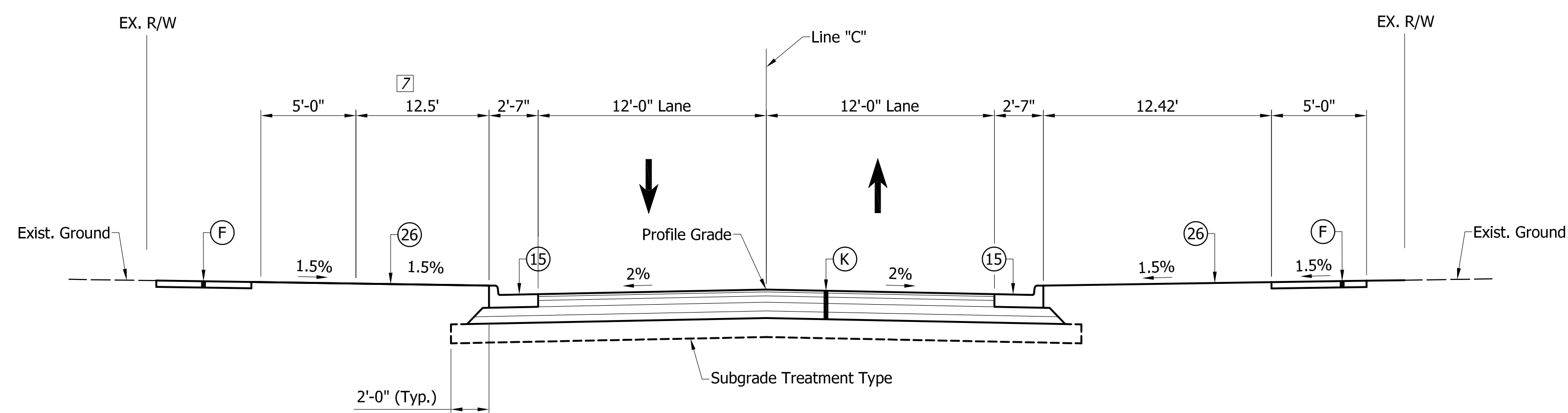
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TYPICAL CROSS SECTION LINE "C"  
Sta. 58+81.00 to 59+94.31 "C"



TYPICAL CROSS SECTION LINE "C"  
Sta. 59+94.31 to 61+42.37 "C"

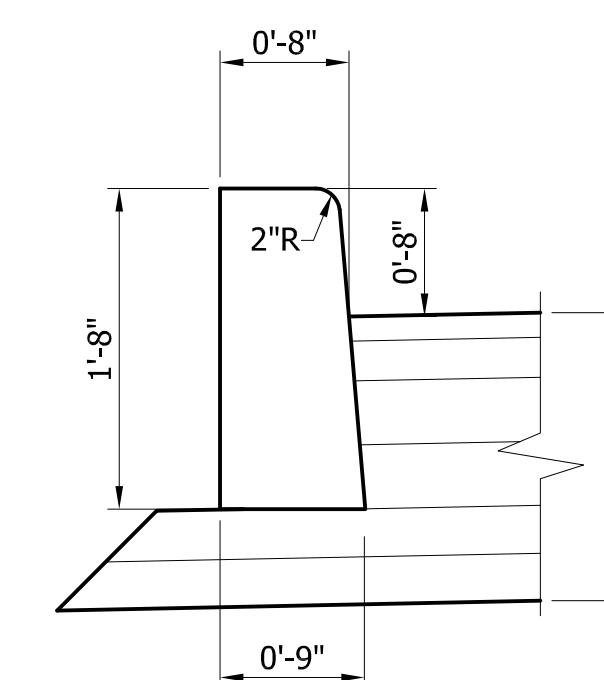


TYPICAL CROSS SECTION LINE "C"  
Sta. 61+42.37 to 62+25.00 "C"

LEGEND

- (K) HMA Full Depth Pavement  
xxx#/Syd. QC/QA-HMA, 3, 70, Surface 9.5 mm on  
xxx#/Syd. QC/QA-HMA, 3, 70, Intermediate 19.0 mm on  
xxx#/Syd. QC/QA-HMA, 3, 64, Base 25.0 mm on  
4 in. Depth Compacted Aggregate Base No. 53 on  
Geotextile for Pavement, Type 1B on  
Subgrade Treatment Type
- (F) Sidewalk, Concrete
- (15) Combined Concrete Curb and Gutter
- (16) Concrete Curb, 8"
- (18) Combined Concrete Curb and Gutter, Type C
- (26) Sodding, Nursery

- Notes:  
O.F.Z. = Obstruction Free Zone
- [3] Varies from 0' @ Sta. 58+81.00 to 4.45' @ 59+94.31 "C"
  - [4] Varies from 6' @ Sta. 58+81.00 to 2' @ 59+94.31 "C"
  - [5] Varies from 4.45' @ Sta. 59+94.31 to 6' @ 60+30.00 "C"
  - [6] Varies from 0' @ Sta. 59+94.31 to 5.5' @ 61+42.37 "C"
  - [7] Varies from 12.5' @ Sta. 62+12.97 to 13.03' @ 62+25.00 "C"



Concrete Curb  
(Vertical, 8" Height)  
Not to scale

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

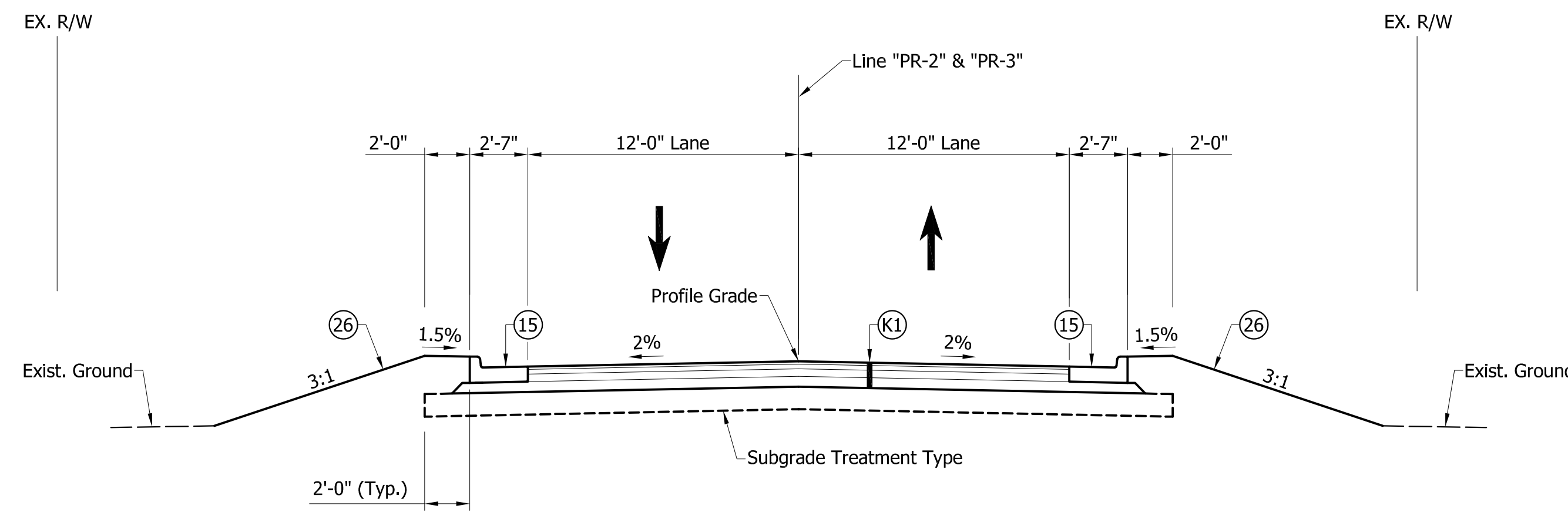
DESIGNED: JGP DRAWN: JGP  
CHECKED: GRW CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

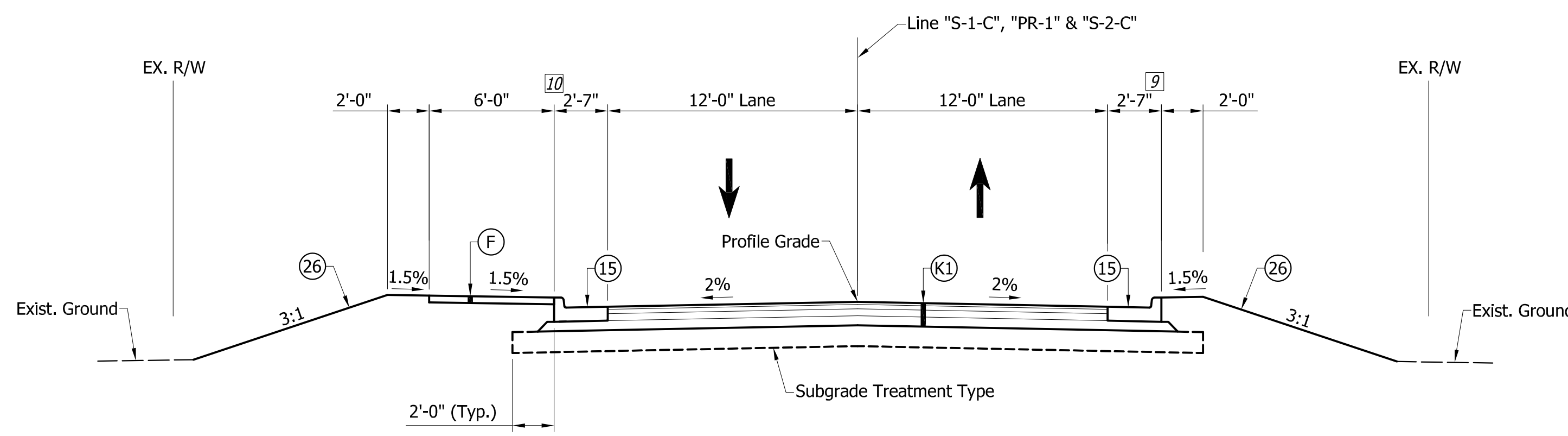
TYPICAL CROSS SECTIONS  
LINE "PR-2", "S-1-C", "PR-1", "S-2-C", & "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	4 of 128
CONTRACT	PROJECT
B-41844	1801912

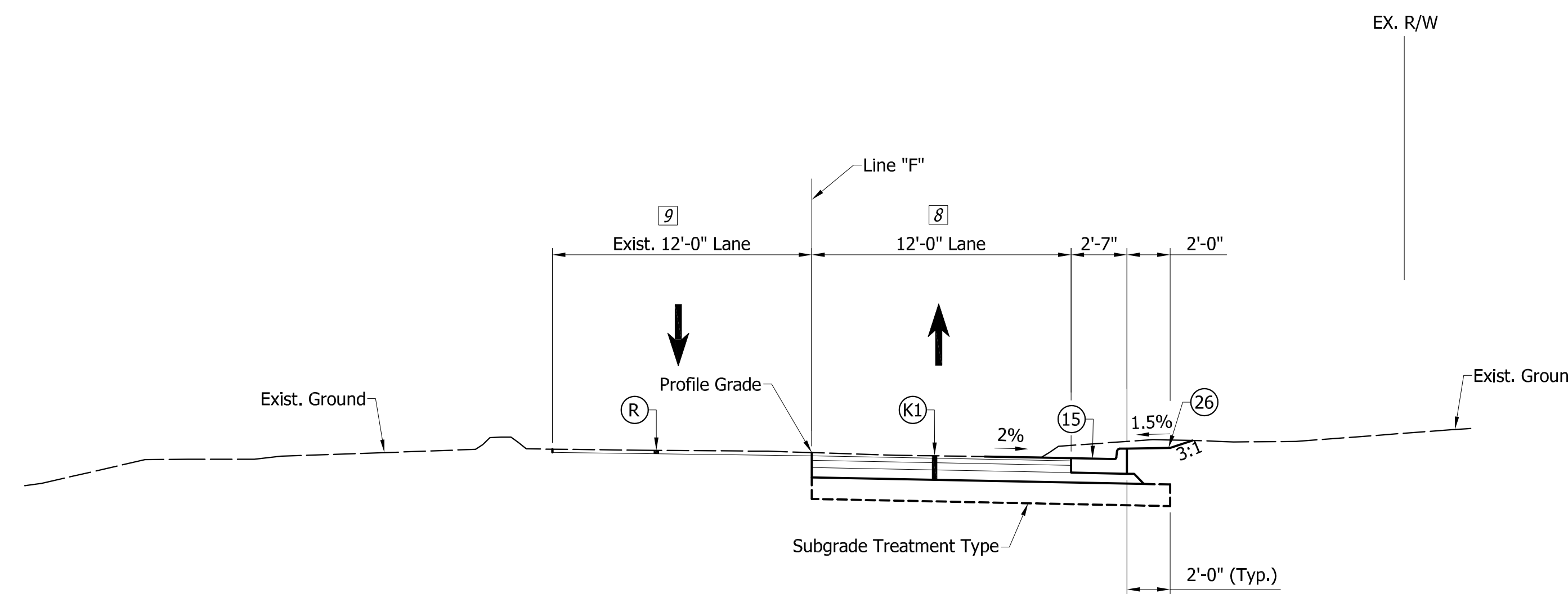
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**TYPICAL CROSS SECTION LINE "PR-2" & "PR-3"**  
 Sta. 47+07.43 to 53+64.02 "PR-2"  
 Sta. 51+00.00 to 52+78.37.02 "PR-3"



**TYPICAL CROSS SECTION LINE "S-1-C", "PR-1", & "S-2-C"**  
 Sta. 47+57.81 to 48+83.89 "S-1-C"  
 Sta. 48+83.89 to 51+00.68 "PR-1"



**TYPICAL CROSS SECTION LINE "F"**  
 Sta. 56+00.00 to 66+45.00 "F"

**LEGEND**

(K1) HMA Full Depth Pavement  
 xxx#/Syd. QC/QA-HMA, 3, 70, Surface 9.5 mm on  
 xxx#/Syd. QC/QA-HMA, 3, 70, Intermediate 19.0 mm on  
 xxx#/Syd. QC/QA-HMA, 3, 64, Base 25.0 mm on  
 Geotextile for Pavement, Type 1B on  
 Subgrade Treatment Type

(R) HMA Resurface  
 xxx#/Syd. QC/QA-HMA, 3, 70, Surface 9.5 mm on  
 1 1/2" Surface Milling

(F) Sidewalk, Concrete

(15) Combined Concrete Curb and Gutter

(26) Sodding, Nursery

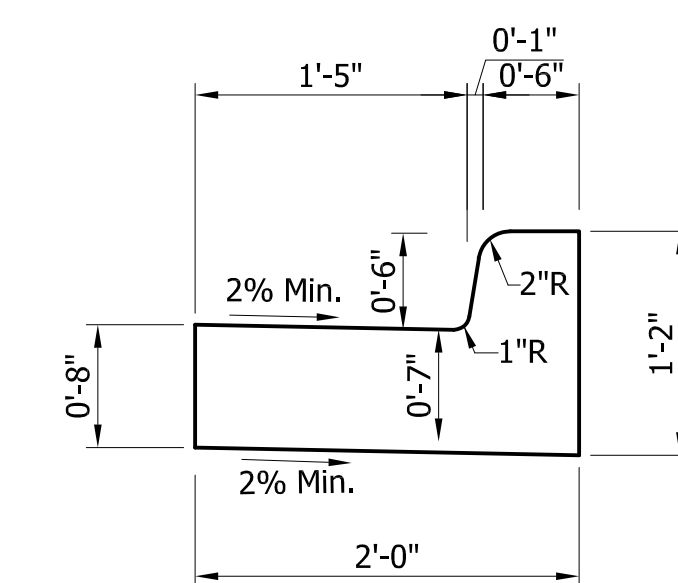
Notes:

O.F.Z. = Obstruction Free Zone

(8) Varies from 10'7" @ Sta. 56+00.00 to 14' @ 60+07.61 to 20' @ 61+25.71 "F"

(9) Varies from 11'4" @ Sta. 56+00 to 15.3' @ 57+10 to  
 9.3' @ 57+53 to 8.5' @ 61+26 to 5.5' @ 61+61 "F"

(10) Mod. Combined Concrete Curb and Gutter (1.5' Gutter)  
 Sta. 50+12.00 to 51+00.68 "PR-1"



**Modified Combined Concrete  
 Curb and Gutter  
 (1.5' Gutter)  
 Not to scale**

**PRELIMINARY PLANS**  
**NOT FOR CONSTRUCTION**

DESIGNED: JGP DRAWN: JGP  
 CHECKED: GRW CHECKED: GRW

INDIANA  
 DEPARTMENT OF TRANSPORTATION

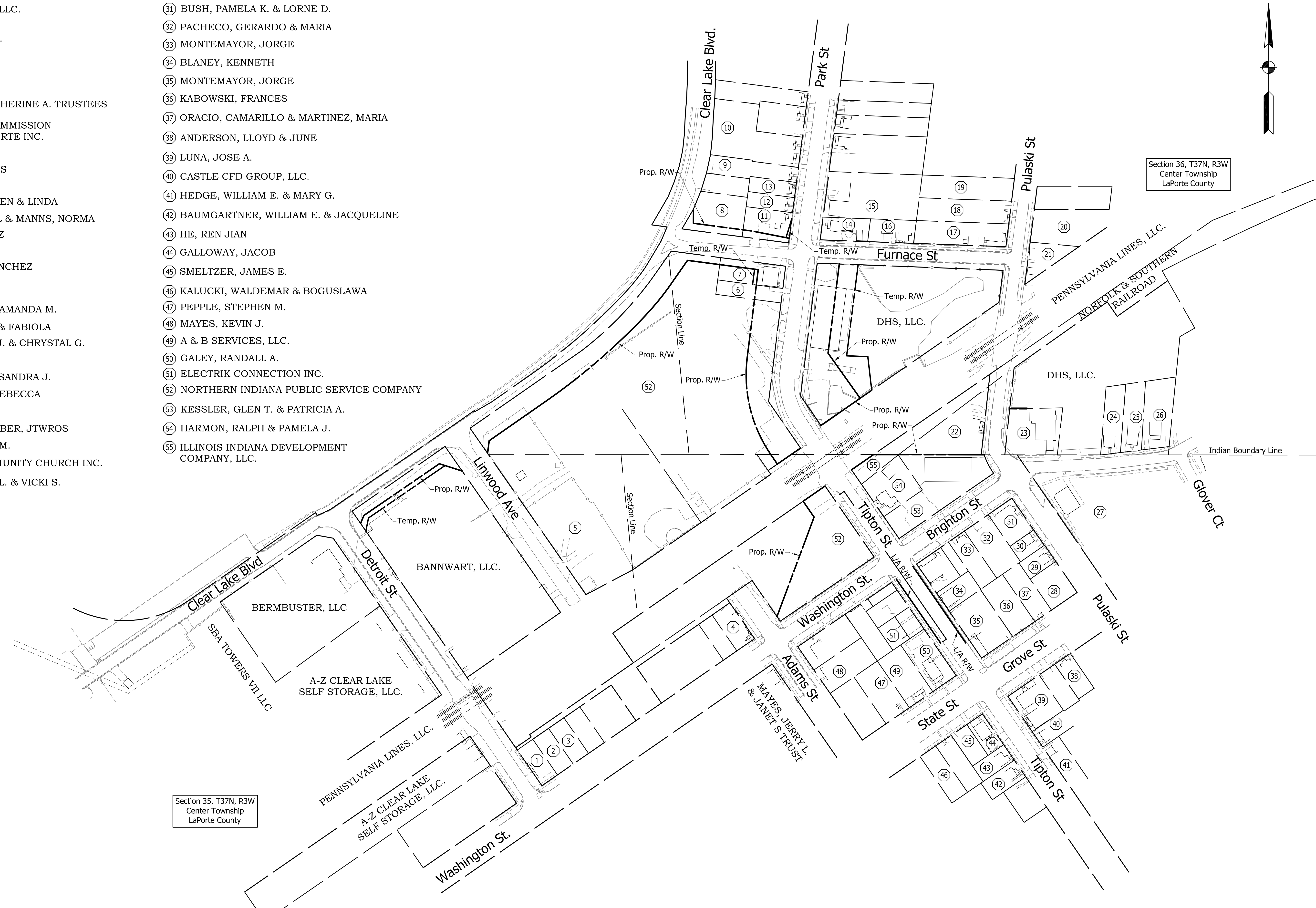
TYPICAL CROSS SECTIONS  
 LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	5 of 128
CONTRACT	PROJECT
B-41844	1801912

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- ① DOANE AND MATUZ, LLC.
- ② SHORE, DAVID D.
- ③ TREPTON, RONALD B.
- ④ RHN LLC
- ⑤ J. BANNWART, LLC.
- ⑥ DHS, LLC.
- ⑦ AKE, BRADLEY & CATHERINE A. TRUSTEES
- ⑧ REDEVELOPMENT COMMISSION OF THE CITY OF LAPORTE INC.
- ⑨ MCCRACKEN, MARY
- ⑩ STRIETER PROPERTIES
- ⑪ KRANZ, KAYLA M.
- ⑫ EVERINGHAM, STEPHEN & LINDA
- ⑬ ACKERMAN, MICHAEL & MANNS, NORMA
- ⑭ PEDRAZA, MARIA INEZ
- ⑮ WRIGHT, JUSTIN
- ⑯ AGUILAR, MARTIN SANCHEZ & CORONA, SONIA P.
- ⑰ SULLIVAN, JAMES W.
- ⑱ MINIX, WILLARD J. & AMANDA M.
- ⑲ HOBBS, RICHARD D. & FABIOLA
- ⑳ ACKERMAN, CURTIS J. & CHRYSTAL G.
- ㉑ ROWE, BOBBY N.
- ㉒ PALEN, ROBERT L. & SANDRA J.
- ㉓ PRESSEL, JAMES & REBECCA
- ㉔ GLASGOW, MARK
- ㉕ DIETZ, MARK A. & AMBER, JTWROS
- ㉖ KIRKHAM, BRANDON M.
- ㉗ STATE STREET COMMUNITY CHURCH INC.
- ㉘ DEUTSCHER, LARRY L. & VICKI S.
- ㉙ LEWIS, BILLY J.
- ㉚ LUNA, JOSE A.

- ⑳ BUSH, PAMELA K. & LORNE D.
- ㉑ PACHECO, GERARDO & MARIA
- ㉒ MONTEMAYOR, JORGE
- ㉓ BLANEY, KENNETH
- ㉔ MONTEMAYOR, JORGE
- ㉕ KABOWSKI, FRANCES
- ㉖ ORACIO, CAMARILLO & MARTINEZ, MARIA
- ㉗ ANDERSON, LLOYD & JUNE
- ㉘ LUNA, JOSE A.
- ㉙ CASTLE CFD GROUP, LLC.
- ㉚ HEDGE, WILLIAM E. & MARY G.
- ㉛ BAUMGARTNER, WILLIAM E. & JACQUELINE
- ㉜ HE, REN JIAN
- ㉝ GALLOWAY, JACOB
- ㉞ SMELTZER, JAMES E.
- ㉟ KALUCKI, WALDEMAR & BOGUSLAWA
- ㊱ PEPPE, STEPHEN M.
- ㊲ MAYES, KEVIN J.
- ㊳ A & B SERVICES, LLC.
- ㊴ GALEY, RANDALL A.
- ㊵ ELECTRIK CONNECTION INC.
- ㊶ NORTHERN INDIANA PUBLIC SERVICE COMPANY
- ㊷ KESSLER, GLEN T. & PATRICIA A.
- ㊸ HARMON, RALPH & PAMELA J.
- ㊹ ILLINOIS INDIANA DEVELOPMENT COMPANY, LLC.



Section 35, T37N, R3W  
Center Township  
LaPorte County

Section 36, T37N, R3W  
Center Township  
LaPorte County

# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

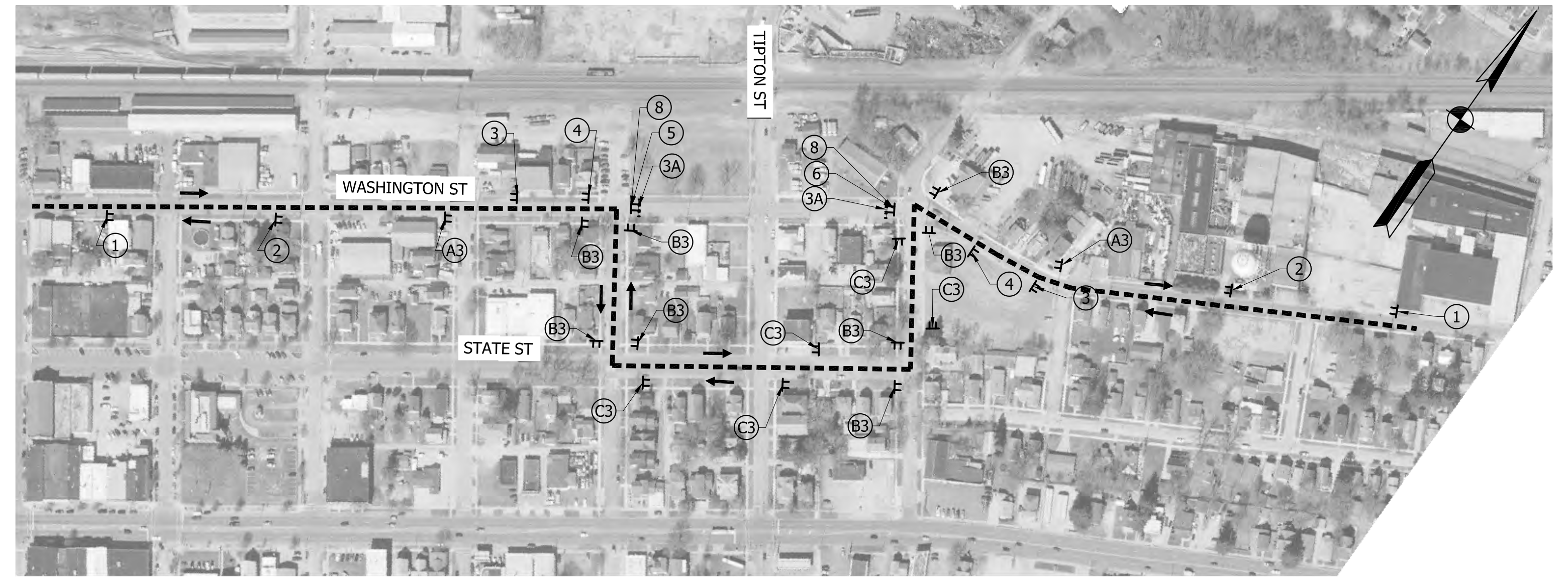
NOT FOR CONSTRUCTION

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
1" = 100'	1801912
SURVEY BOOK	SHEETS
	6 of 128
CONTRACT	PROJECT
B-41844	1801912

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# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

**LEGEND**

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

**NOT FOR CONSTRUCTION**

DESIGNED: PEC      DRAWN: PEC  
 CHECKED: GRW      CHECKED: GRW

**INDIANA**  
 DEPARTMENT OF TRANSPORTATION  
**ROUTE DETOURS**  
 TIPTON, WASHINGTON, & CLEAR LAKE

HORIZONTAL SCALE 1" = 200'	BRIDGE FILE
VERTICAL SCALE 1" = 200'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	10 of 128 PROJECT 1801912

S:\2019\19-0193 Labette Railroad Trax Release\9dgs Plans\Road Plans\9dgs Traffic Maintenance Details\2019-0193 Detour.dwg, 8/2/2021 2:56:42 PM

LEGEND	DESCRIPTION	CODE	SIZE	TYPE	NO.
A1		XM 4-8	24" x 12"	Detour Route Assembly	4
		M3-1 or M3-3	24" x 12"		
		D3-1(8)	9" X 30"		
		D3-1(11)	12" X 36"		
B1		XM 4-8	24" x 12"	Detour Route Assembly	6
		M3-1 or M3-3	24" x 12"		
		D3-1(8)	9" X 30"		
		D3-1(11)	12" X 36"		
C1		XM 4-8	24" x 12"	Detour Route Assembly	9
		M3-1 or M3-3	24" x 12"		
		D3-1(8)	9" X 30"		
		D3-1(11)	12" X 36"		
A2		XM 4-8	24" x 12"	Detour Route Assembly	1
		M3-1	24" x 12"		
		D3-1(8)	9" X 30"		
		M5-1(L or R)	21" x 15"		
B2		XM 4-8	24" x 12"	Detour Route Assembly	5
		M3-1	24" x 12"		
		D3-1(8)	9" X 30"		
		M6-1	21" x 15"		
C2		XM 4-8	24" x 12"	Detour Route Assembly	9
		M3-1	24" x 12"		
		D3-1(8)	9" X 30"		
		M6-3	21" x 15"		

LEGEND	DESCRIPTION	CODE	SIZE	TYPE	NO.
A3		XM 4-8	24" x 12"	Detour Route Assembly	4
		M3-2 or M3-4	24" x 12"		
		D3-1(2)	12" X 42"		
		D3-1(12)	12" X 54"		
B3		XM 4-8	24" x 12"	Detour Route Assembly	8
		M3-2 or M3-4	24" x 12"		
		D3-1(2)	12" X 42"		
		D3-1(12)	12" X 54"		
C3		XM 4-8	24" x 12"	Detour Route Assembly	5
		M3-2 or M3-4	24" x 12"		
		D3-1(2)	12" X 42"		
		D3-1(12)	12" X 54"		
1		XW20-3	36" x 36"	A	7
2		XW20-2	36" x 36"	A	5
3		XG20-2	36" x 18"	B	5
4		XM4-8a	24" x 18"	B	5
5		XM4-10(R)	48" x 18"	B	4
6		XM4-10(L)	48" x 18"	B	3

LEGEND	DESCRIPTION	CODE	SIZE	TYPE	NO.
7		R11-4	60" x 30"	Road Closure Assembly	4
8		R11-2	48" x 30"	Road Closure Assembly	8
9		R3-1	24" x 24"	B	2
10		R3-2	24" x 24"	B	2
3A	TYPE III-A BARRICADE		12'		CODE
3B	TYPE III-B BARRICADE		12'		96 lft

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
DETOUR SIGNS

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	PROJECT
B-41844	1801912

S:\2019\10-10-19 Laborte Railroad Trax Rehab\94dpr Plans\Road Plans\06-Traffic Maintenance Details\2019-10-19 Detour.dwg, DETOUR.SIGNS, 8/2/2021, 2:56:52 PM



Note: Detroit St is to remain open during construction.

# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

INDIANA  
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE  
PHASE 1A - CLEAR LAKE BLVD

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	12 of 128
CONTRACT	PROJECT
B-41844	1801912

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

S:\2019\10-0193\_LaPorte\_Railroad\_Track\_Extension\Drawings\Traffic\_Maintenance\_Details\2019-0193-MOT-CLEARLAKE.dwg, LA CLEARLAKE, 8/2/2021, 3:13:21 PM





# PRELIMINARY PLANS

**LEGEND**

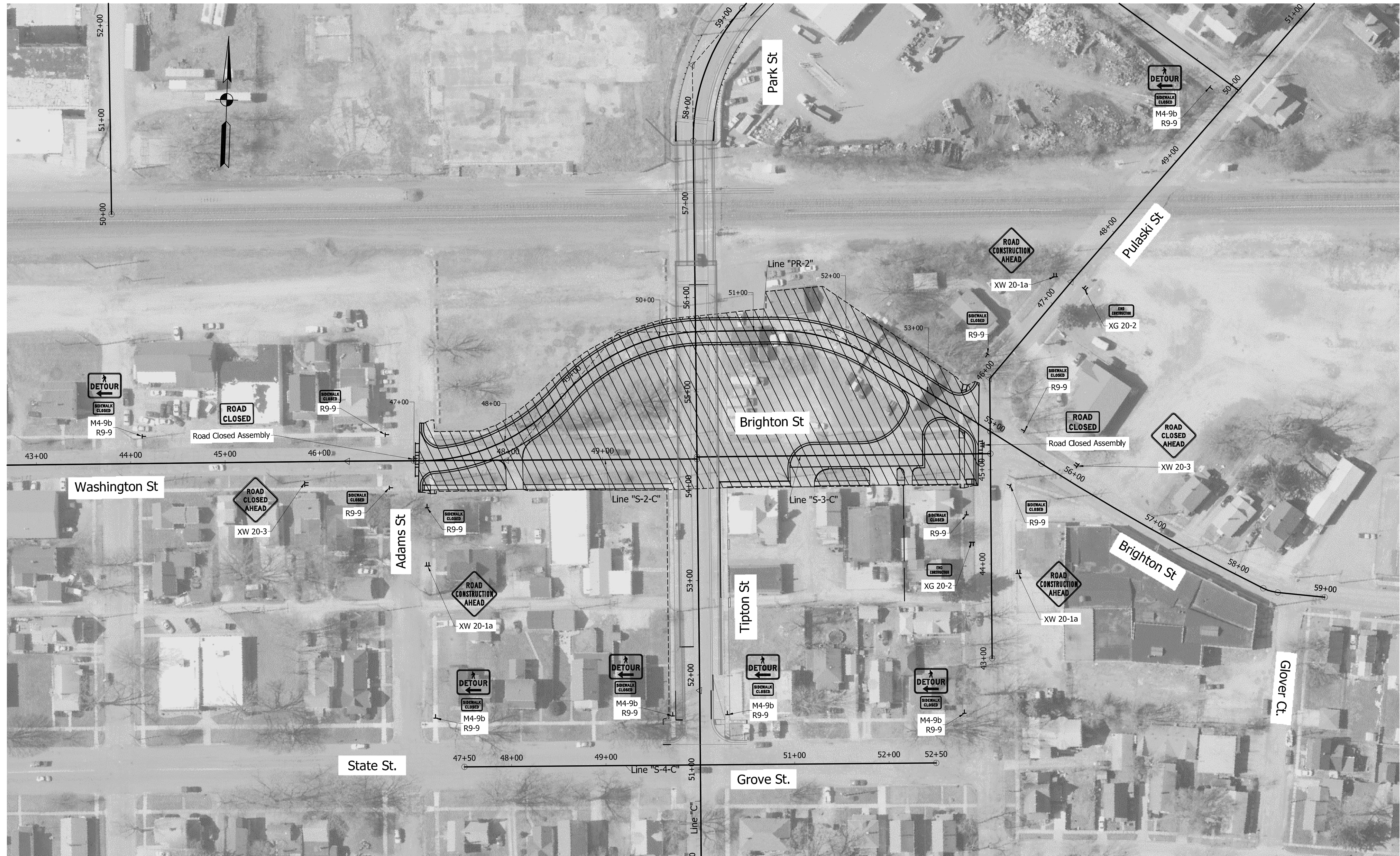
Temporary Pavement Marking, 4", Solid White	✕ ✕ Marking Removal	▨ Phase Construction
Temporary Pavement Marking, 4", Solid Yellow	TT Construction Sign	→ Indicates Traffic Flow
	• Standard Drum	— Type III-B Barricade

# NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: GRW	CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
TRAFFIC MAINTENANCE  
PHASE 2A

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 50'	DESIGNATION 1801912
SURVEY BOOK	SHEETS 13 of
CONTRACT B-41844	PROJECT 1801912



# PRELIMINARY PLANS NOT FOR CONSTRUCTION

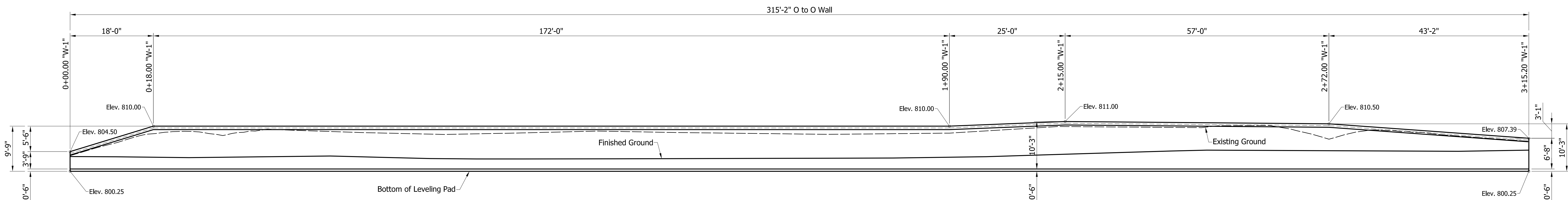
DESIGNED: PEC  
CHECKED: GRW

DRAWN: PEC  
CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
TRAFFIC MAINTENANCE  
PHASE 3A - WASHINGTON/BRIGHTON

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1801912
SURVEY BOOK	SHEETS 14 of
CONTRACT B-41844	PROJECT 1801912

S:\2019\01\2019-01-03\_LaPorte Railhead Trail Rehabilitation Phase 3A - Washington Ave. 3A WASHINGTON, 8/27/2021 3:15:50 PM



**WALL ELEVATION - WALL NO. 1**

Scale: 1"=10'-0"

NOTE: Elevations shown are to the top of Precast Concrete Coping. Station/Offsets shown are to the front face of Precast Concrete Face Panels.

ESTIMATED QUANTITIES-WALL NO. 1	
Face Panels, Concrete	x Sft.
Wall Erection	x Sft.
Leveling Pad, Concrete	x Lft.
Structure Backfill, Type 3	x Cys.
"B" Borrow	x Cys.
Common Excavation	x Cys.

NOTE: Maximum Factored Bearing Capacity = xxxx PSF

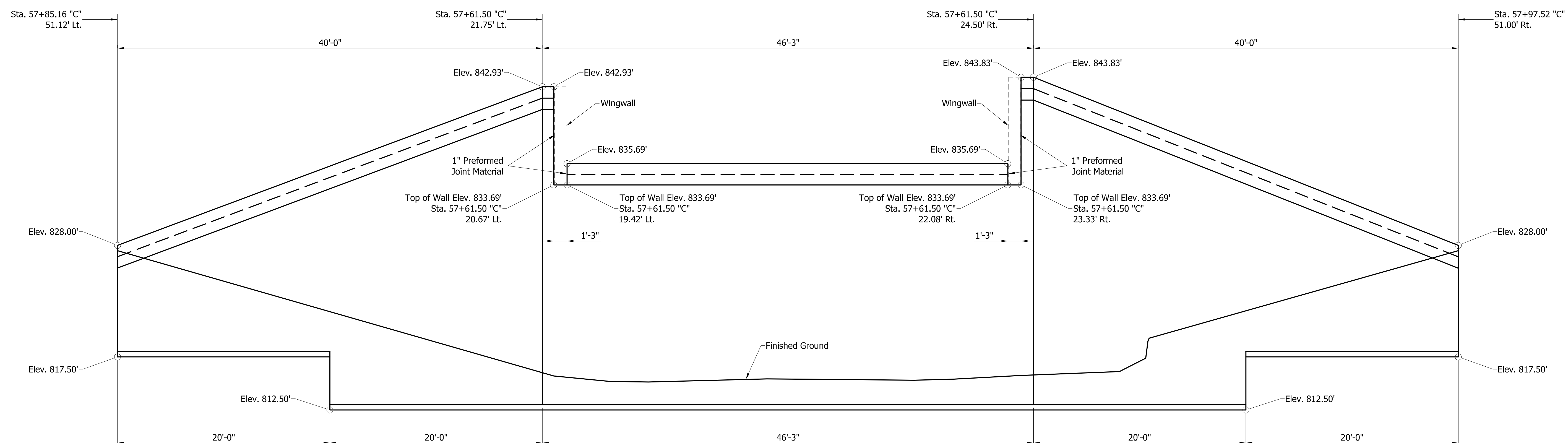
PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
MSE WALL DETAILS  
WALL NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801912
SURVEY BOOK	SHEETS
	16 of 128
CONTRACT	PROJECT
B-41844	1801912



**WALL ELEVATION - WALL NO. 2**  
Scale: 1"=5'-0"

NOTE: Elevations shown are to the top of Precast Concrete Coping.  
Station/Offsets shown are to the front face of Precast Concrete Face Panels.

ESTIMATED QUANTITIES-WALL NO.2	
Face Panels, Concrete	x Sft.
Wall Erection	x Sft.
Leveling Pad, Concrete	x Lft.
Structure Backfill, Type 3	x Cys.
"B" Borrow	x Cys.
Common Excavation	x Cys.

NOTE: Maximum Factored Bearing Capacity = xxxx PSF

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

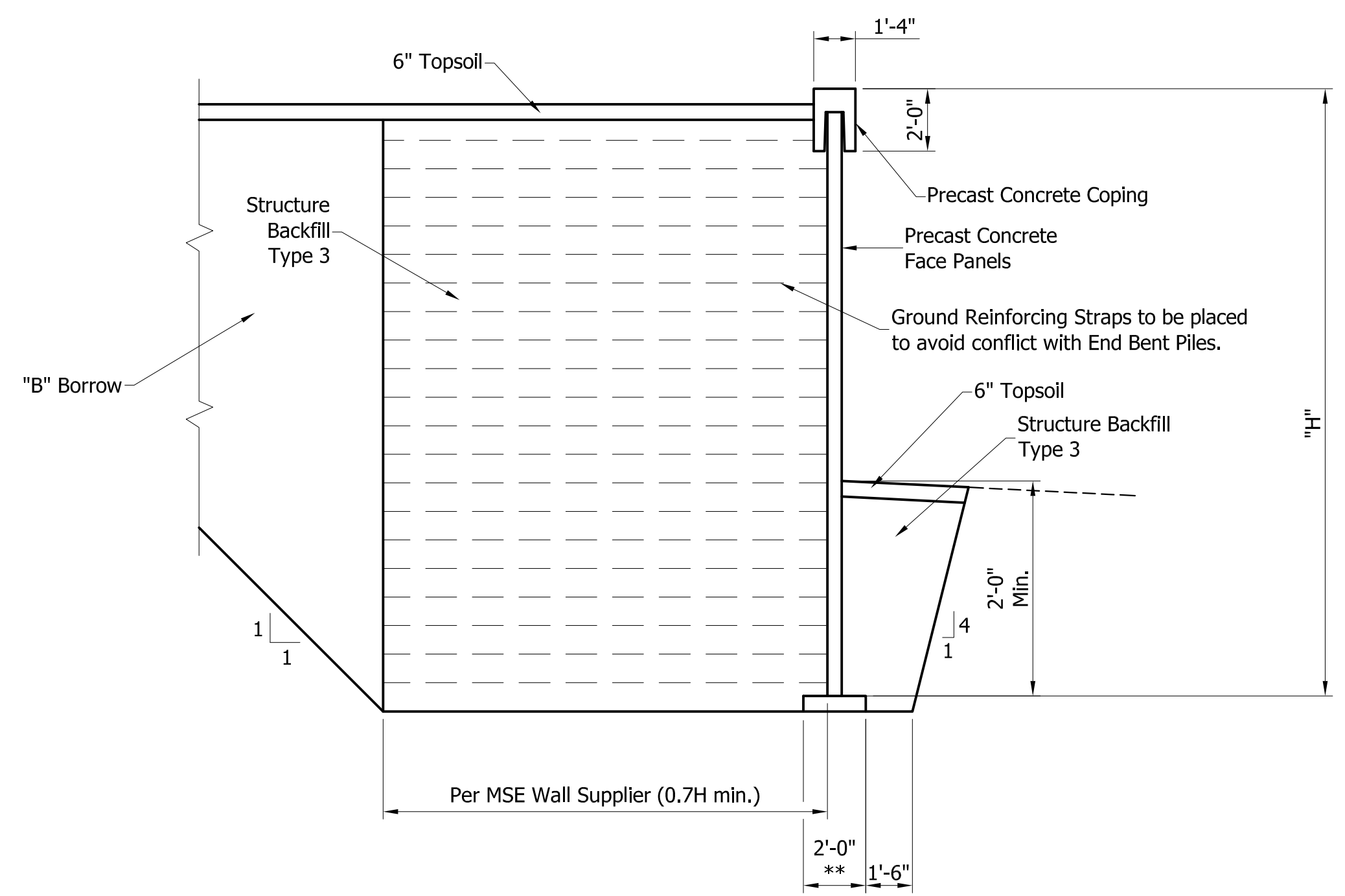
NOT FOR  
CONSTRUCTION

INDIANA  
DEPARTMENT OF TRANSPORTATION

DESIGNED: BMA  
CHECKED: DJG  
DRAWN: DWB  
CHECKED: BMA

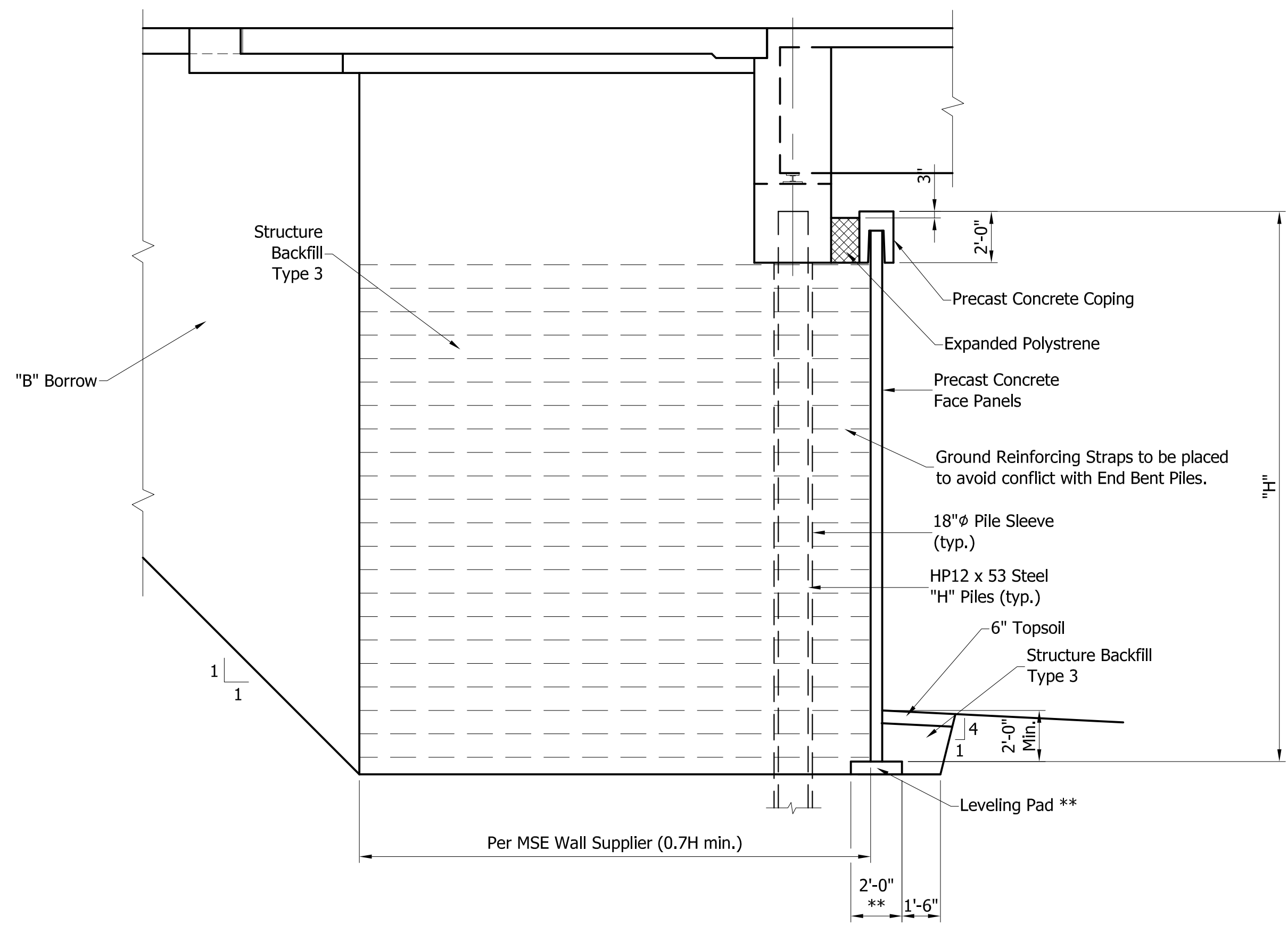
MSE WALL DETAILS  
WALL NO. 2

HORIZONTAL SCALE		BRIDGE FILE	
AS NOTED			
VERTICAL SCALE		DESIGNATION	
AS NOTED			1801912
SURVEY BOOK		SHEETS	
		17	of 128
CONTRACT		PROJECT	
B-41844			1801912



**TYPICAL WALL SECTION**  
Scale: 1/4" = 1'-0"

\*\* Actual Dimensions to be determined by Wall Supplier



**TYPICAL WALL SECTION**  
Scale: 1/4" = 1'-0"

\*\* Actual Dimensions to be determined by Wall Supplier

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

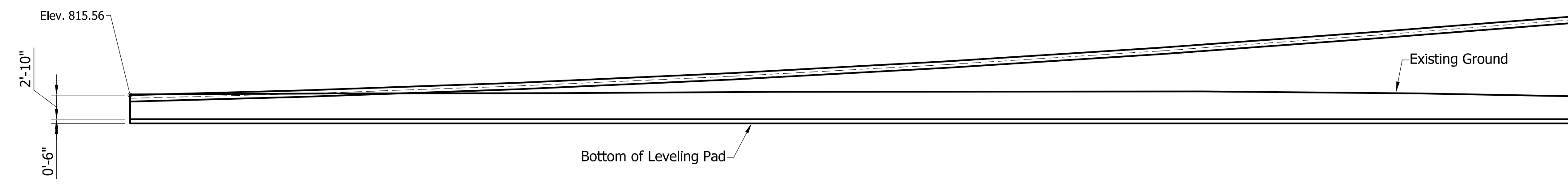
NOT FOR CONSTRUCTION

DESIGNED:	BMA	DRAWN:	DWB
CHECKED:	DJG	CHECKED:	BMA

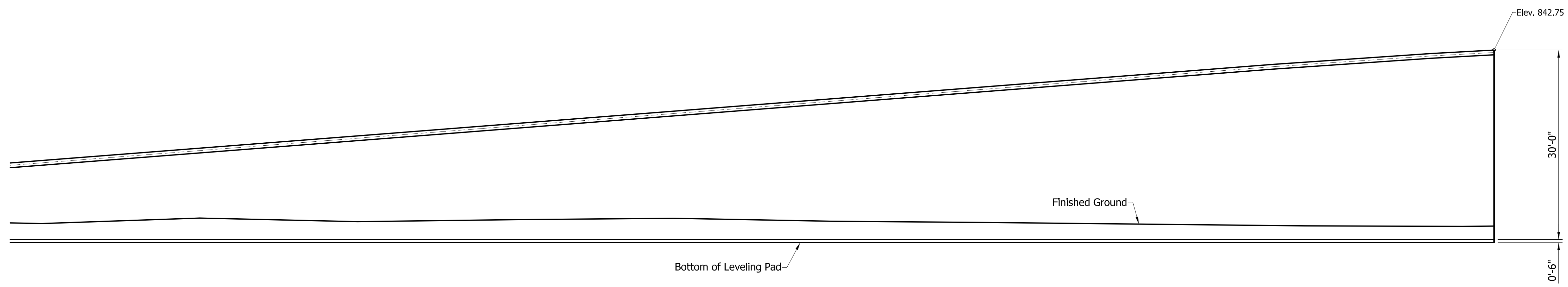
INDIANA  
DEPARTMENT OF TRANSPORTATION  
MSE WALL DETAILS  
WALL NO. 2

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	LAPORTE 506
VERTICAL SCALE	DESIGNATION
AS NOTED	1801912
SURVEY BOOK	SHEETS
	18 of 128
CONTRACT	PROJECT
B-41844	1801912

S:\2019\19-0103 Laporte Railroad Trac Enhnc\9dop\Plan\9dop\Plan\2019-0103 MSE Wall No.2 Sections.dwg, MSE Wall No.2 Sections, 8/2/2021 3:17:24 PM



**WALL ELEVATION - WALL NO. 3**  
Scale: 1"=10'-0"



**WALL ELEVATION - WALL NO. 3**  
Scale: 1"=10'-0"

NOTE: Elevations shown are to the top of Precast Concrete Coping.  
Station/Offsets shown are to the front face of Precast Concrete Face Panels.

ESTIMATED QUANTITIES-WALL NO. 3	
Face Panels, Concrete	x Sft.
Wall Erection	x Sft.
Leveling Pad, Concrete	x Lft.
Structure Backfill, Type 3	x Cys.
"B" Borrow	x Cys.
Common Excavation	x Cys.

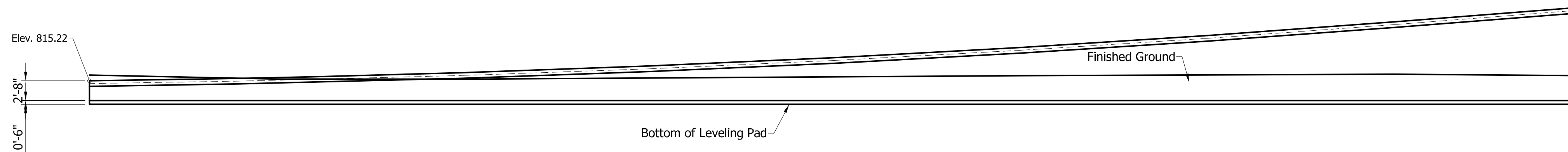
NOTE: Maximum Factored Bearing Capacity = xxxx PSF

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

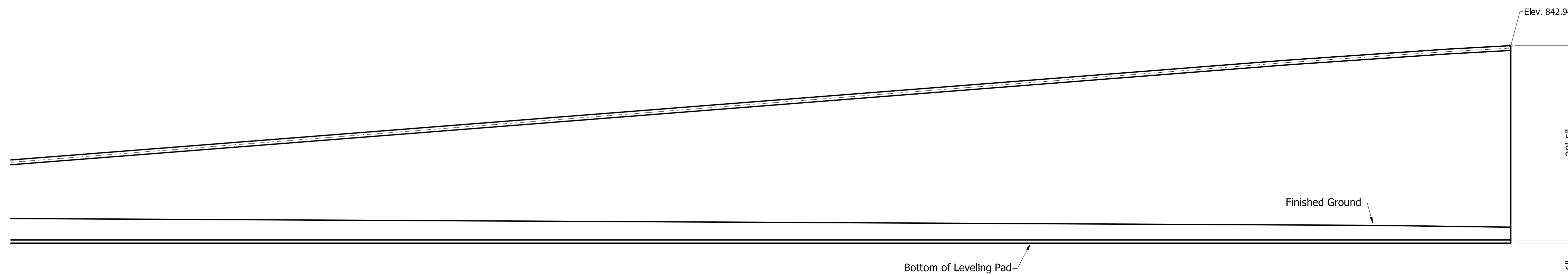
<b>INDIANA</b> DEPARTMENT OF TRANSPORTATION	
MSE WALL DETAILS WALL NO. 3	
DESIGNED: JGP	DRAWN: JGP
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801912
SURVEY BOOK	SHEETS
	19 of 128
CONTRACT	PROJECT
B-41844	1801912

S:\2019\01-013 Laphere Railroad Trac Enhance\Road Plans\Road Plans\09-Details\09-Details\09-013-MSE-Wall-NO-1-3.dwg, Plan=02, 8/27/2021, 3:06:19 PM



**WALL ELEVATION - WALL NO. 4**  
Scale: 1"=10'-0"



**WALL ELEVATION - WALL NO. 4**  
Scale: 1"=10'-0"

NOTE: Elevations shown are to the top of Precast Concrete Coping. Station/Offsets shown are to the front face of Precast Concrete Face Panels.

ESTIMATED QUANTITIES-WALL NO. 4	
Face Panels, Concrete	x Sft.
Wall Erection	x Sft.
Leveling Pad, Concrete	x Lft.
Structure Backfill, Type 3	x Cys.
"B" Borrow	x Cys.
Common Excavation	x Cys.

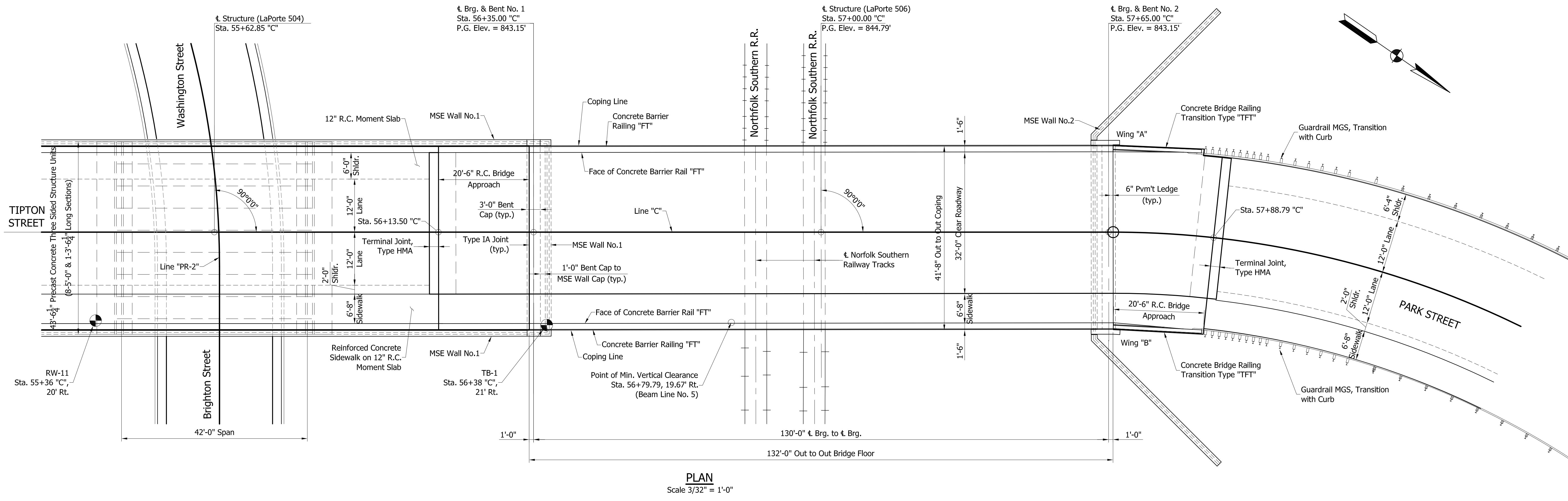
NOTE: Maximum Factored Bearing Capacity = xxxx PSF

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

DESIGNED: JGP DRAWN: JGP  
CHECKED: GRW CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
MSE WALL DETAILS  
WALL NO. 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801912
SURVEY BOOK	SHEETS
	20 of 128
CONTRACT	PROJECT
B-41844	1801912



SUMMARY OF PILE LOADING - BRIDGE NO. 506		
	BENT NO.1	BENT NO.2
PILE SIZE, TYPE, AND GRADE	14"Ø SEC, 0.312"	14"Ø SEC, 0.312"
FACTORED DESIGN LOAD, Q <sub>f</sub> (kip)	xx	xx
FACTORED DESIGN SOIL RESISTANCE, R <sub>r</sub> (kip)	xx	xx
RESISTANCE FACTOR, φ <sub>dyn</sub>	0.55	0.55
DOWNDRAG LOADS, DD (kip)	NEGLIGIBLE	NEGLIGIBLE
NOMINAL SOIL RESISTANCE, R <sub>n</sub> (kip)	xx	xx
DOWNDRAG FRICTION, R <sub>sdd</sub> (kip)	NEGLIGIBLE	NEGLIGIBLE
SCOUR ZONE FRICTION, R <sub>sscour</sub> (kip)	xx	xx
RELAXATION IN SHALE R <sub>relax</sub> (kips)	xx	xx
NOMINAL DRIVING RESISTANCE, R <sub>ndr</sub> (kip)	xx	xx
ESTIMATED PILE TIP ELEVATION	xx	xx
TESTING METHOD	INDOT Std. Spec. 701.05(a)	

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

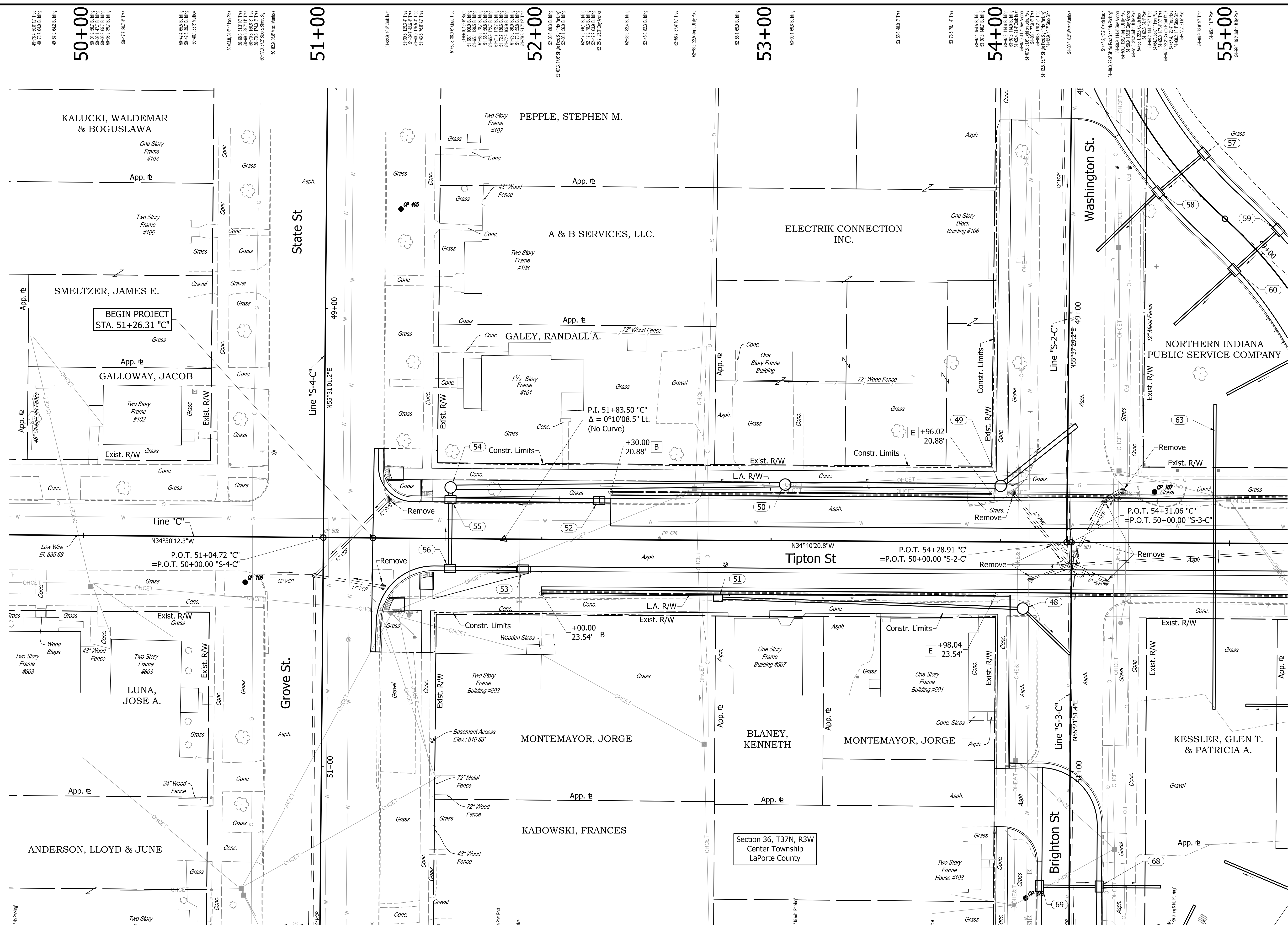
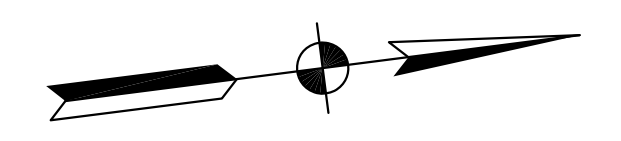
DESIGNED: BMA  
DRAWN: DWB  
CHECKED: DJG  
CHECKED: BMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
SOIL BORINGS

HORIZONTAL SCALE AS NOTED	BRIDGE FILE LAPORTE 506
VERTICAL SCALE AS NOTED	DESIGNATION 1801912
SURVEY BOOK	SHEETS 21 of 128
CONTRACT B-41844	PROJECT 1801912

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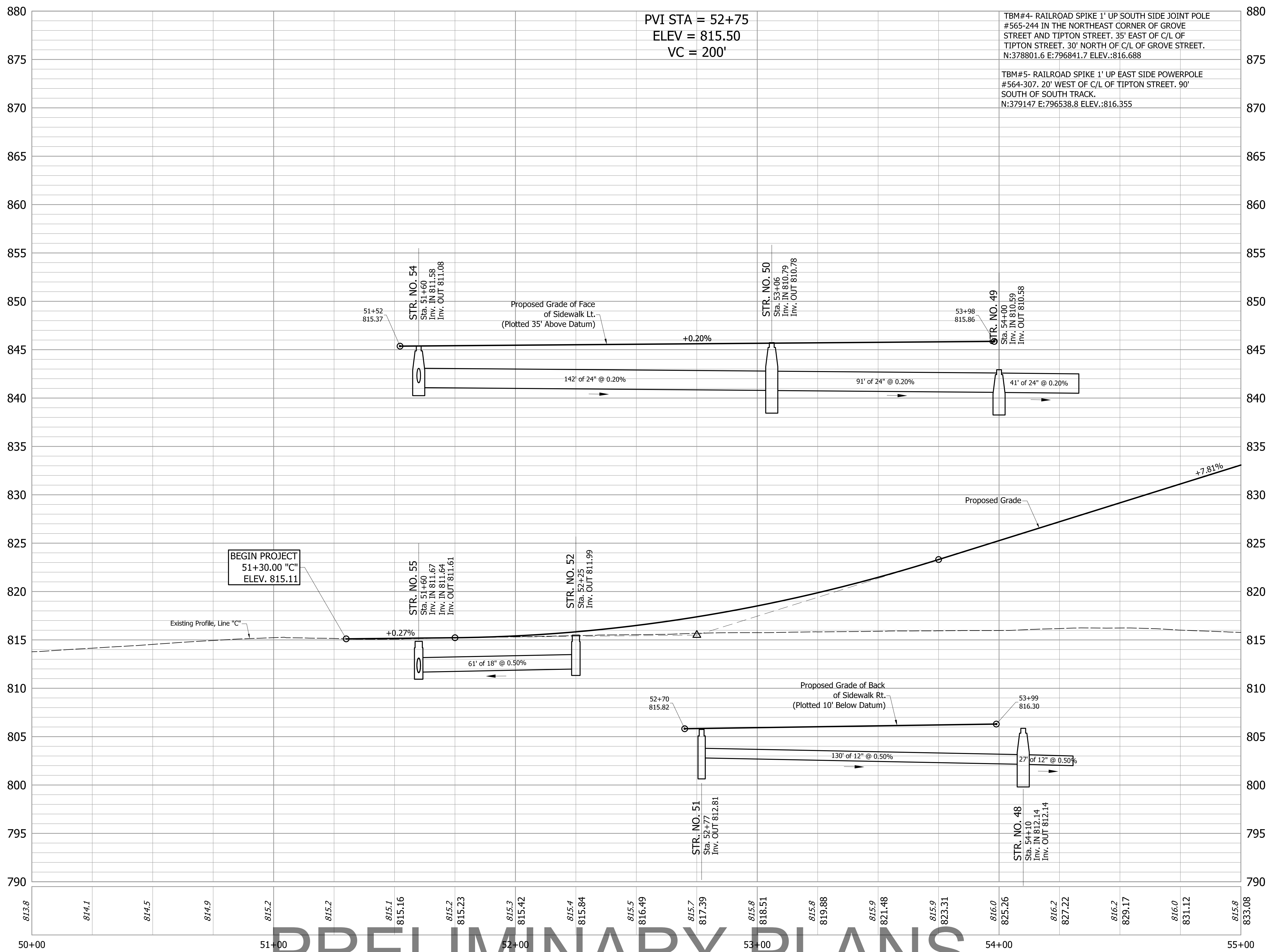
**PRELIMINARY PLANS**

Section 36, T37N, R3W  
Center Township  
LaPorte County

ALL R/W ON THIS SHEET DESCRIBED FROM  
LINE "C" UNLESS OTHERWISE NOTED.

<p><b>NOT FOR CONSTRUCTION</b></p> <p>FOR ALIGNMENT REFERENCES, SEE GEOMETRIC TIE-IN SHEET</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE "C"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 20'</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 5'</td> <td>1801912</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td></td> <td>23 of</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>B-11844</td> <td>1801912</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 20'		VERTICAL SCALE	DESIGNATION	1" = 5'	1801912	SURVEY BOOK	SHEETS		23 of	CONTRACT	PROJECT	B-11844	1801912
HORIZONTAL SCALE	BRIDGE FILE																	
1" = 20'																		
VERTICAL SCALE	DESIGNATION																	
1" = 5'	1801912																	
SURVEY BOOK	SHEETS																	
	23 of																	
CONTRACT	PROJECT																	
B-11844	1801912																	
DESIGNED: JGP CHECKED: GRW	DRAWN: JGP CHECKED: GRW																	

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

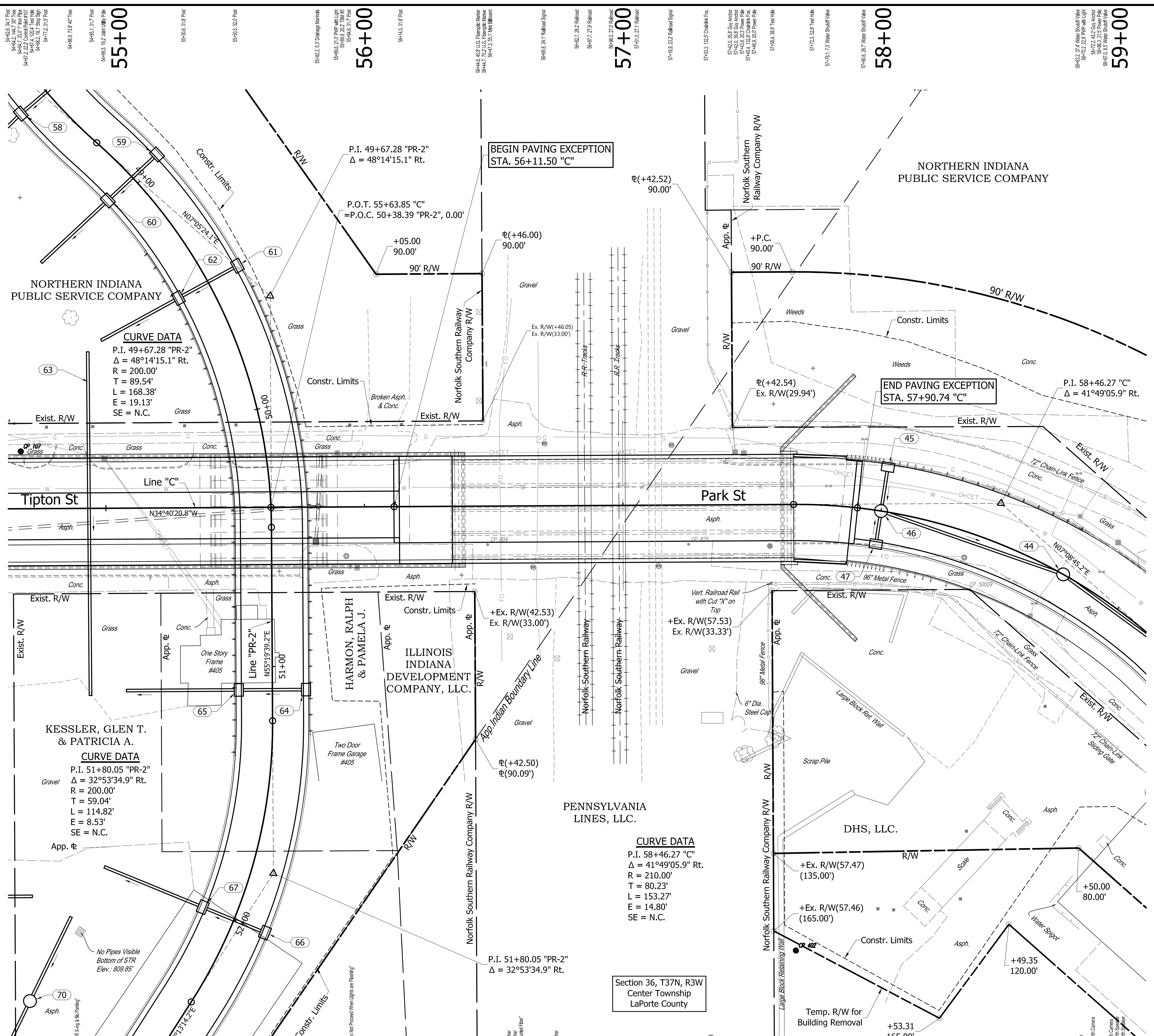
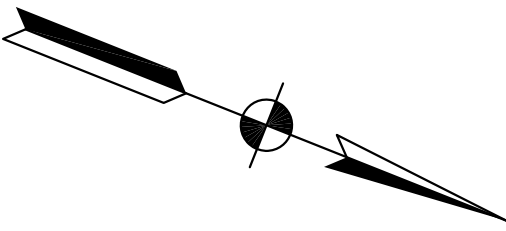
NOT FOR CONSTRUCTION

DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	24 of 128
CONTRACT	PROJECT
B-41844	1801912



55+00

56+00

57+00

58+00

59+00

**CURVE DATA**  
 P.I. 49+67.28 "PR-2"  
 $\Delta = 48^\circ 14' 15.1''$  Rt.  
 R = 200.00'  
 T = 89.54'  
 L = 168.38'  
 E = 19.13'  
 SE = N.C.

**CURVE DATA**  
 P.I. 51+80.05 "PR-2"  
 $\Delta = 32^\circ 53' 34.9''$  Rt.  
 R = 200.00'  
 T = 59.04'  
 L = 114.82'  
 E = 8.53'  
 SE = N.C.

**CURVE DATA**  
 P.I. 58+46.27 "C"  
 $\Delta = 41^\circ 49' 05.9''$  Rt.  
 R = 210.00'  
 T = 80.23'  
 L = 153.27'  
 E = 14.80'  
 SE = N.C.

BEGIN PAVING EXCEPTION  
STA. 56+11.50 "C"

END PAVING EXCEPTION  
STA. 57+90.74 "C"

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

NOT FOR  
CONSTRUCTION

PRELIMINARY PLANS

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "C"

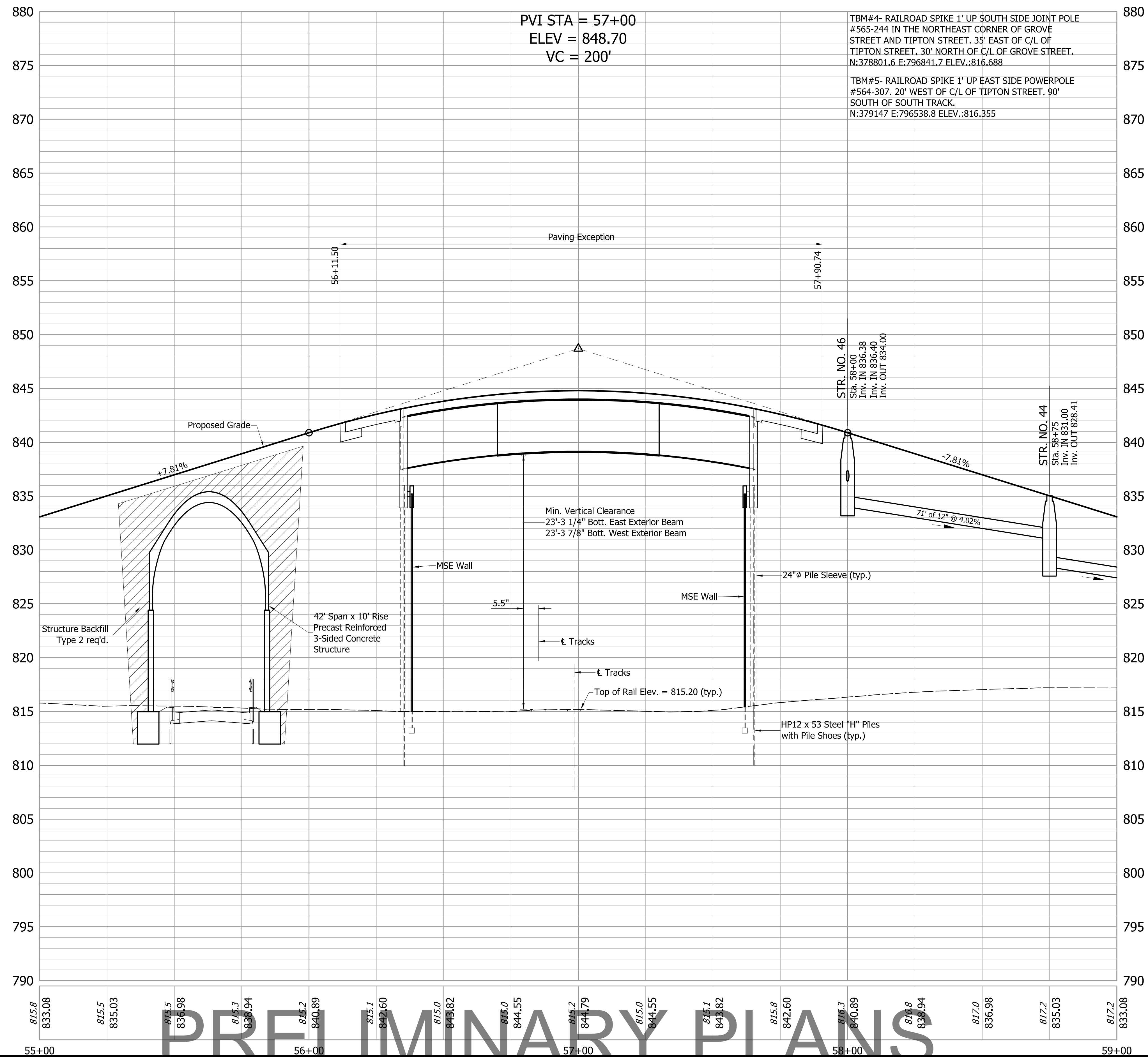
DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

Norfolk Southern milepost (CD-462.97) and AAR/DOT crossing number (522595A)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	25 of 128
CONTRACT	PROJECT
B-41844	1801912

ALL R/W ON THIS SHEET DESCRIBED FROM  
LINE "C" UNLESS OTHERWISE NOTED.

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TBM#4- RAILROAD SPIKE 1' UP SOUTH SIDE JOINT POLE  
 #565-244 IN THE NORTHEAST CORNER OF GROVE  
 STREET AND TIPTON STREET. 35' EAST OF C/L OF  
 TIPTON STREET, 30' NORTH OF C/L OF GROVE STREET.  
 N:378801.6 E:796841.7 ELEV.:816.688

TBM#5- RAILROAD SPIKE 1' UP EAST SIDE POWERPOLE  
 #564-307. 20' WEST OF C/L OF TIPTON STREET. 90'  
 SOUTH OF SOUTH TRACK.  
 N:379147 E:796538.8 ELEV.:816.355

PVI STA = 57+00  
 ELEV = 848.70  
 VC = 200'

Note:  
 The elevation of the existing top-of-rail profile shall be verified  
 before beginning construction. All discrepancies shall be brought to  
 the attention of the Norfolk Southern Public Projects Engineer.

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

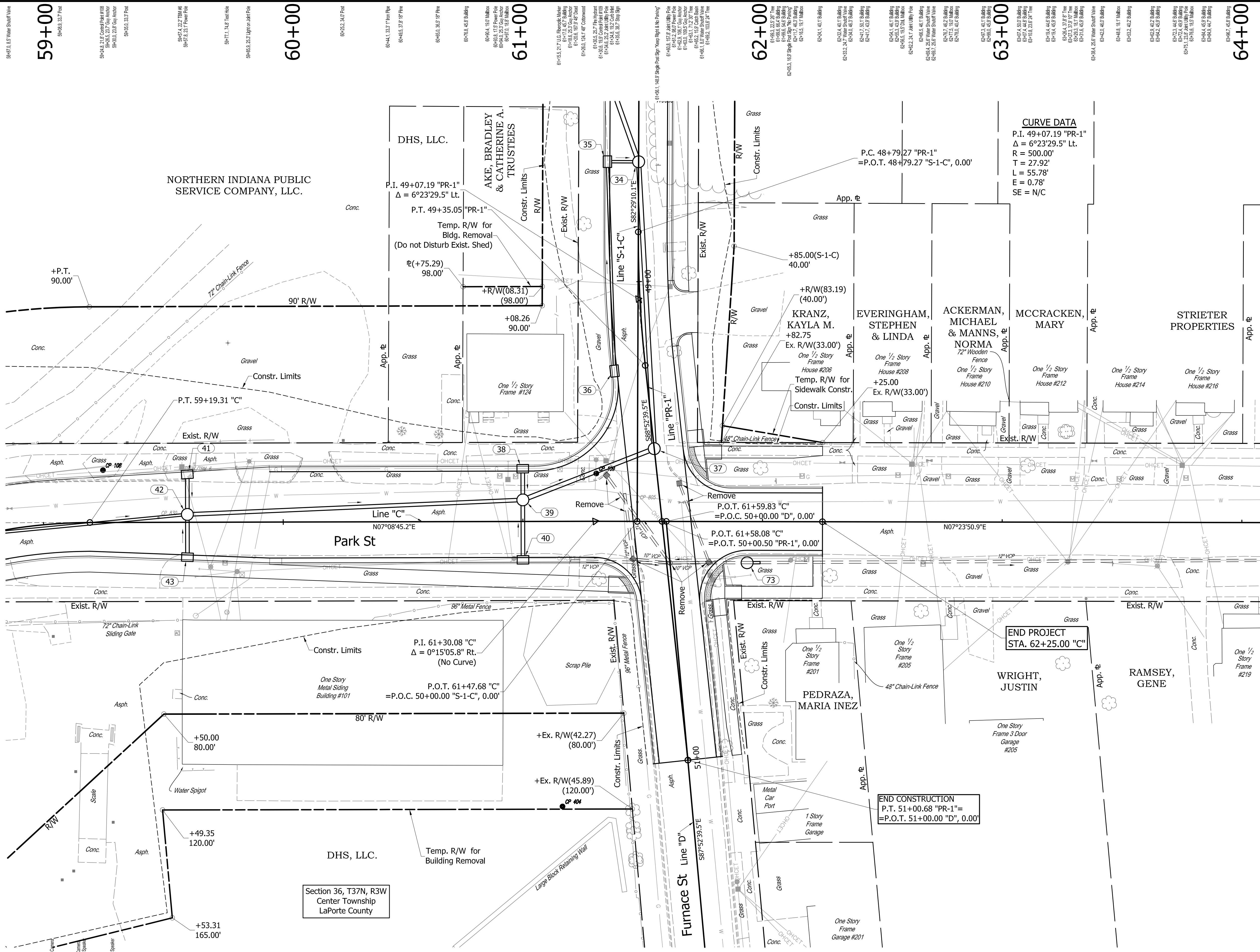
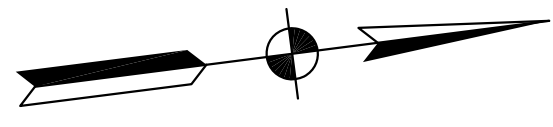
DESIGNED: JGP DRAWN: JGP  
 CHECKED: GRW CHECKED: GRW

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
 LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	26 of 128
CONTRACT	PROJECT
B-41844	1801912

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59+00 59+05 59+10 59+15 59+20 59+25 59+30 59+35 59+40 59+45 59+50 59+55 59+60 59+65 59+70 59+75 59+80 59+85 59+90 59+95 60+00 60+05 60+10 60+15 60+20 60+25 60+30 60+35 60+40 60+45 60+50 60+55 60+60 60+65 60+70 60+75 60+80 60+85 60+90 60+95 61+00 61+05 61+10 61+15 61+20 61+25 61+30 61+35 61+40 61+45 61+50 61+55 61+60 61+65 61+70 61+75 61+80 61+85 61+90 61+95 62+00 62+05 62+10 62+15 62+20 62+25 62+30 62+35 62+40 62+45 62+50 62+55 62+60 62+65 62+70 62+75 62+80 62+85 62+90 62+95 63+00 63+05 63+10 63+15 63+20 63+25 63+30 63+35 63+40 63+45 63+50 63+55 63+60 63+65 63+70 63+75 63+80 63+85 63+90 63+95 64+00

**PRELIMINARY PLANS**

FOR ALIGNMENT REFERENCES,  
 SEE GEOMETRIC TIE-IN SHEET

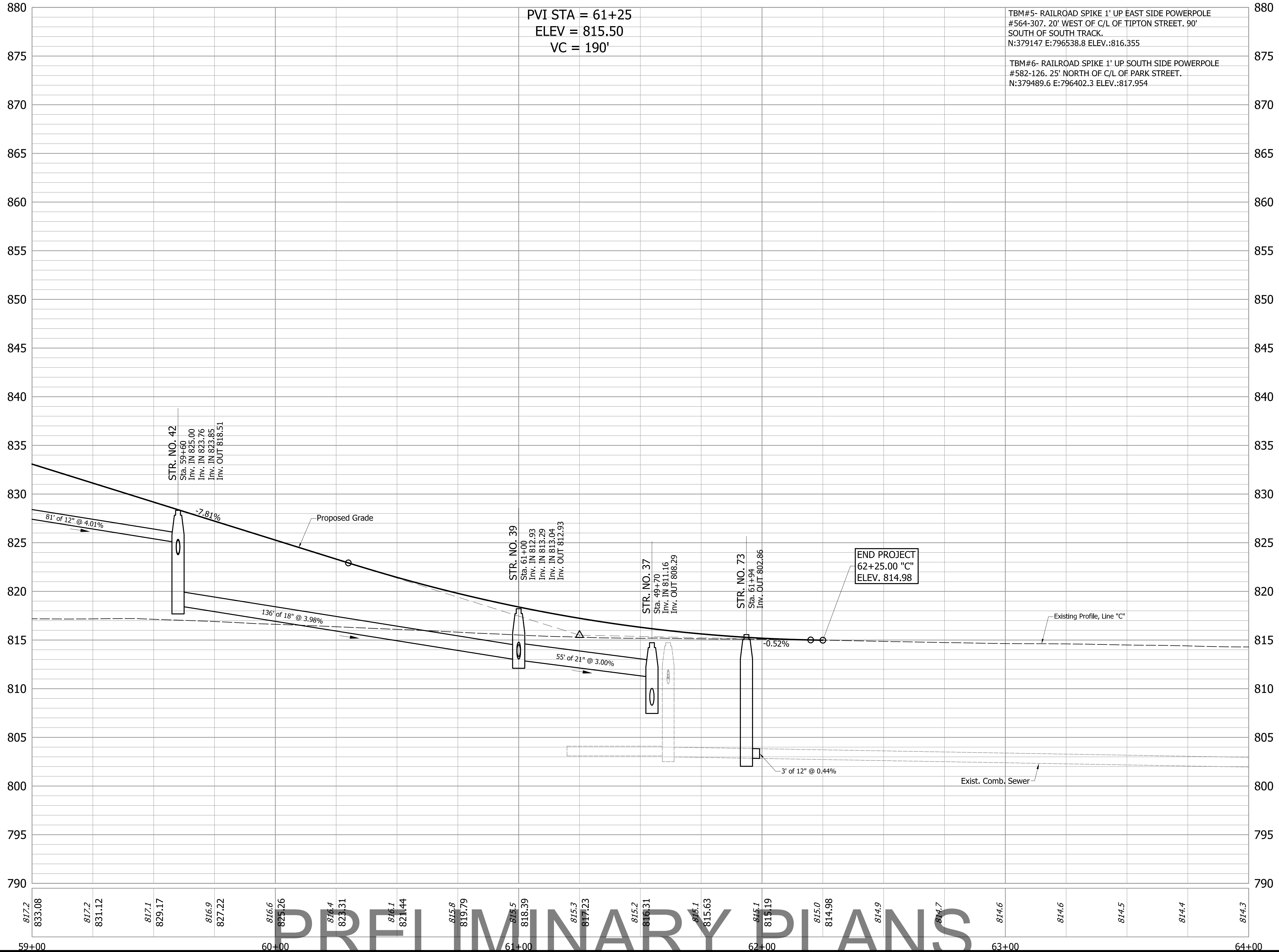
NOT FOR  
 CONSTRUCTION

DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	27 of 128
CONTRACT	PROJECT
B-41844	1801912

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

NOT FOR  
CONSTRUCTION

DESIGNED: JGP  
CHECKED: GRW

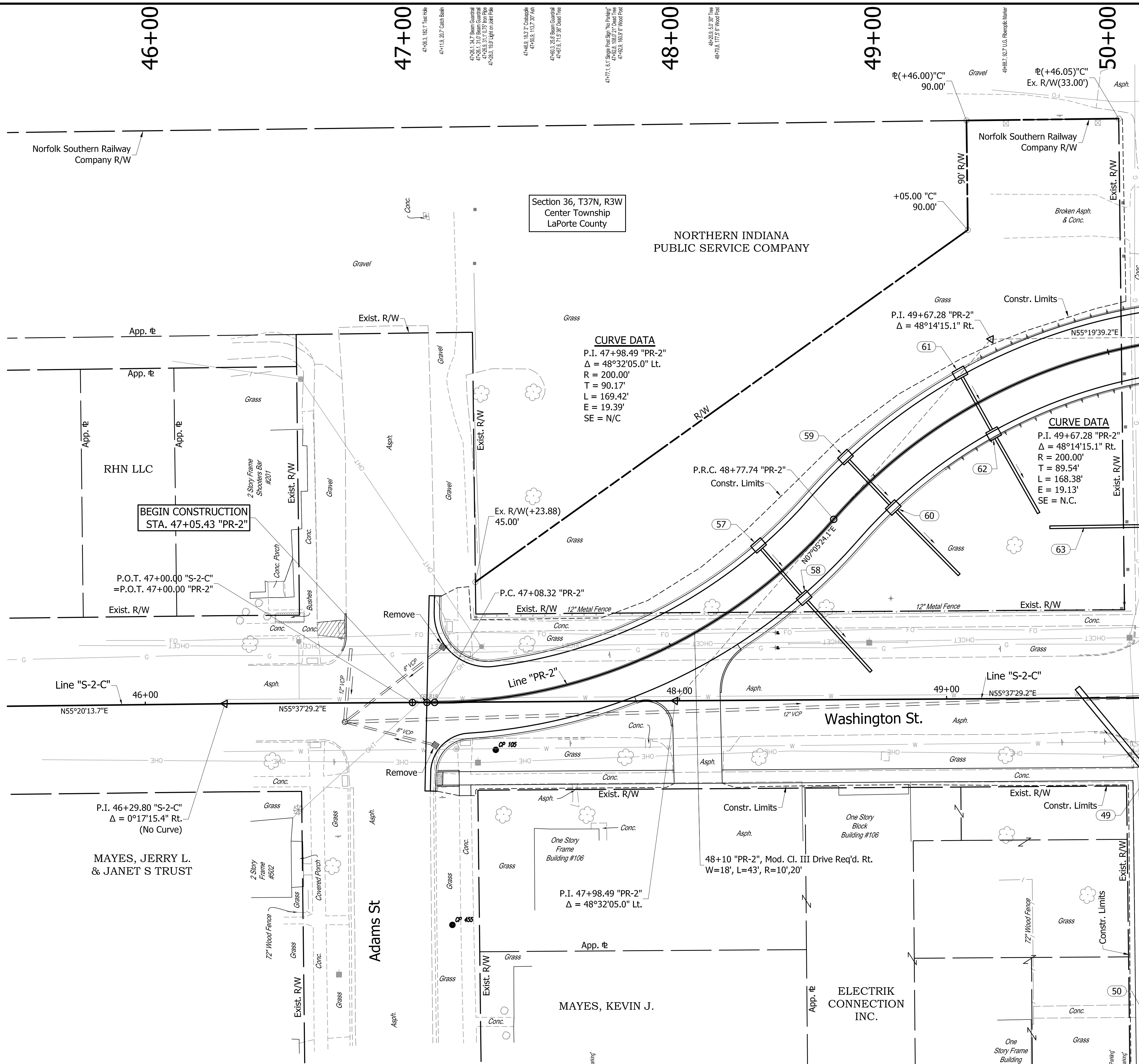
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CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	28 of 128
CONTRACT	PROJECT
B-41844	1801912

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Section 36, T37N, R3W  
Center Township  
LaPorte County

NORTHERN INDIANA  
PUBLIC SERVICE COMPANY

**CURVE DATA**  
P.I. 47+98.49 "PR-2"  
 $\Delta = 48^\circ 32' 05.0''$  Lt.  
R = 200.00'  
T = 90.17'  
L = 169.42'  
E = 19.39'  
SE = N/C

**CURVE DATA**  
P.I. 49+67.28 "PR-2"  
 $\Delta = 48^\circ 14' 15.1''$  Rt.  
R = 200.00'  
T = 89.54'  
L = 168.38'  
E = 19.13'  
SE = N.C.

BEGIN CONSTRUCTION  
STA. 47+05.43 "PR-2"

P.O.T. 47+00.00 "S-2-C"  
= P.O.T. 47+00.00 "PR-2"

P.I. 46+29.80 "S-2-C"  
 $\Delta = 0^\circ 17' 15.4''$  Rt.  
(No Curve)

MAYES, JERRY L.  
& JANET S TRUST

MAYES, KEVIN J.

ELECTRIK  
CONNECTION  
INC.

**PRELIMINARY PLANS**  
**NOT FOR CONSTRUCTION**

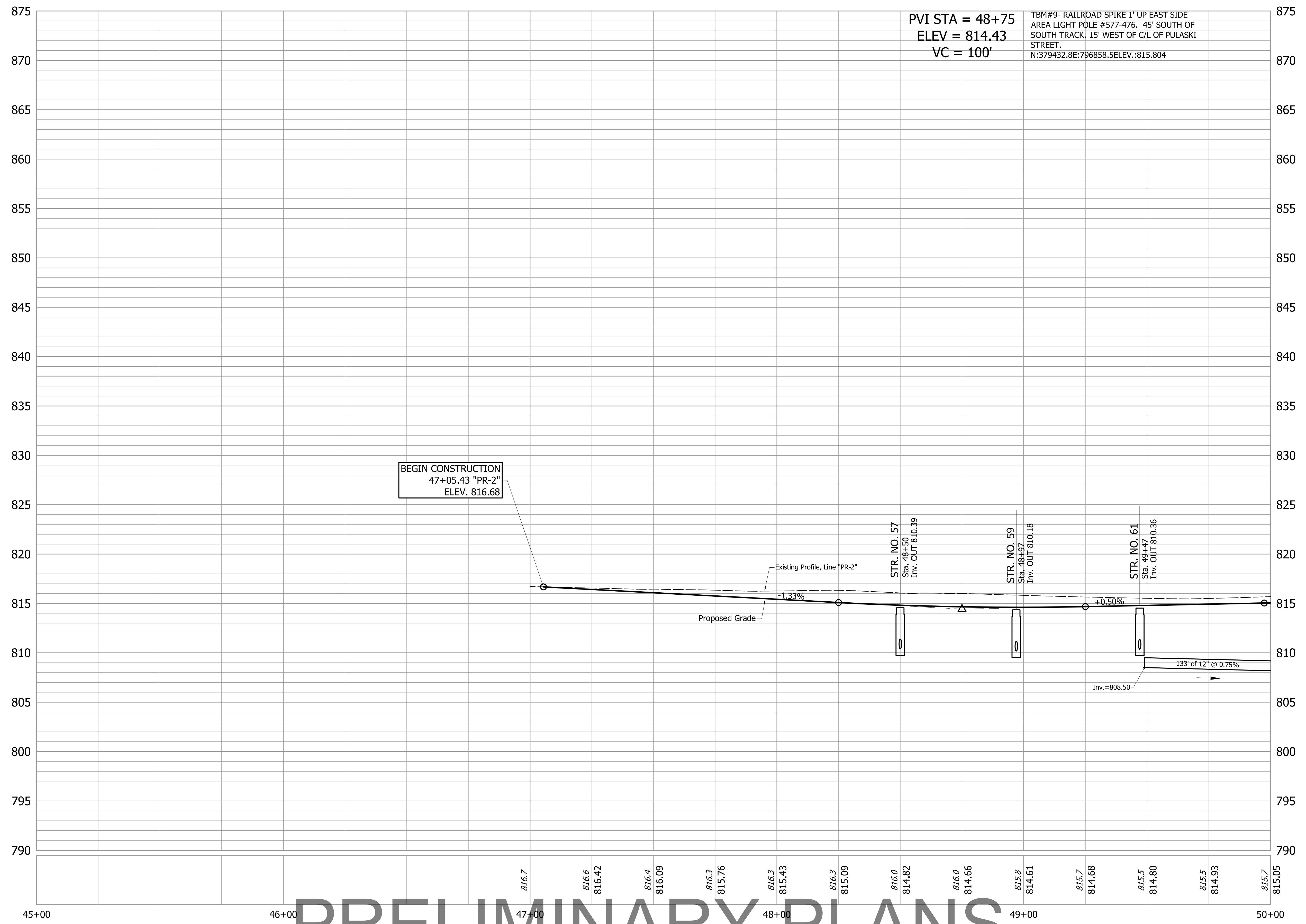
FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

DESIGNED: JGP  
DRAWN: JGP  
CHECKED: GRW  
CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN AND PROFILE  
LINE "PR-2"

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "S-2-C" UNLESS OTHERWISE NOTED.	
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	29 OF 128 PROJECT
	1801912

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PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

DESIGNED: JGP  
DRAWN: JGP  
CHECKED: GRW  
CHECKED: GRW

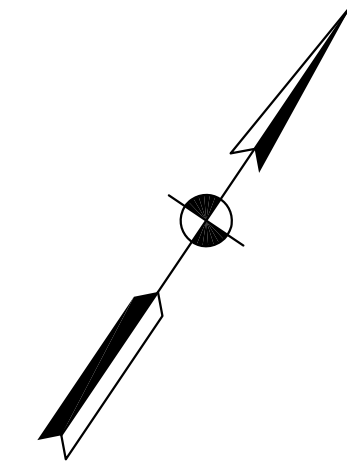
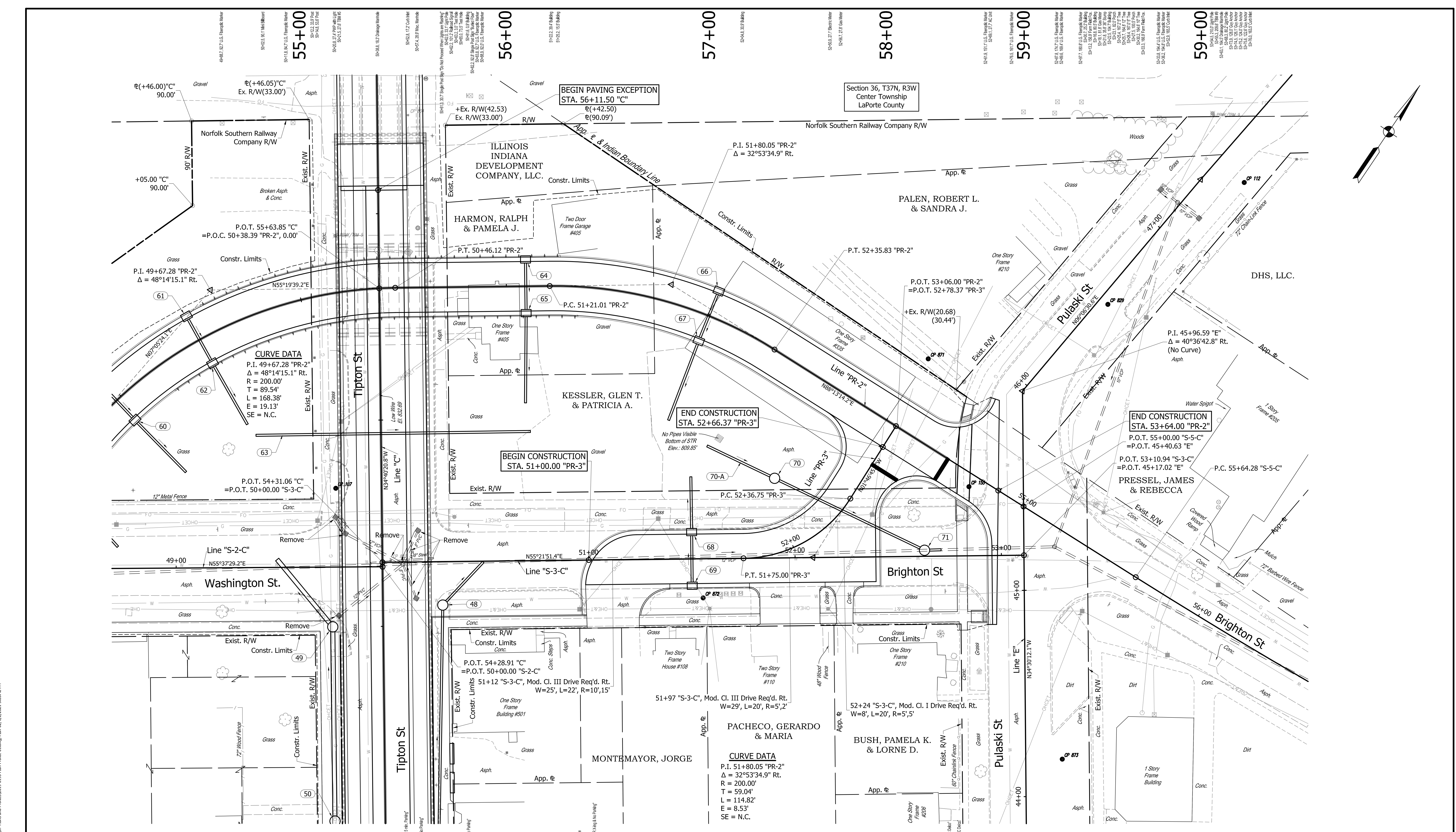
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "PR-2"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS 30 of 128
CONTRACT B-41844	PROJECT 1801912

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PRELIMINARY PLANS

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

NOT FOR  
CONSTRUCTION

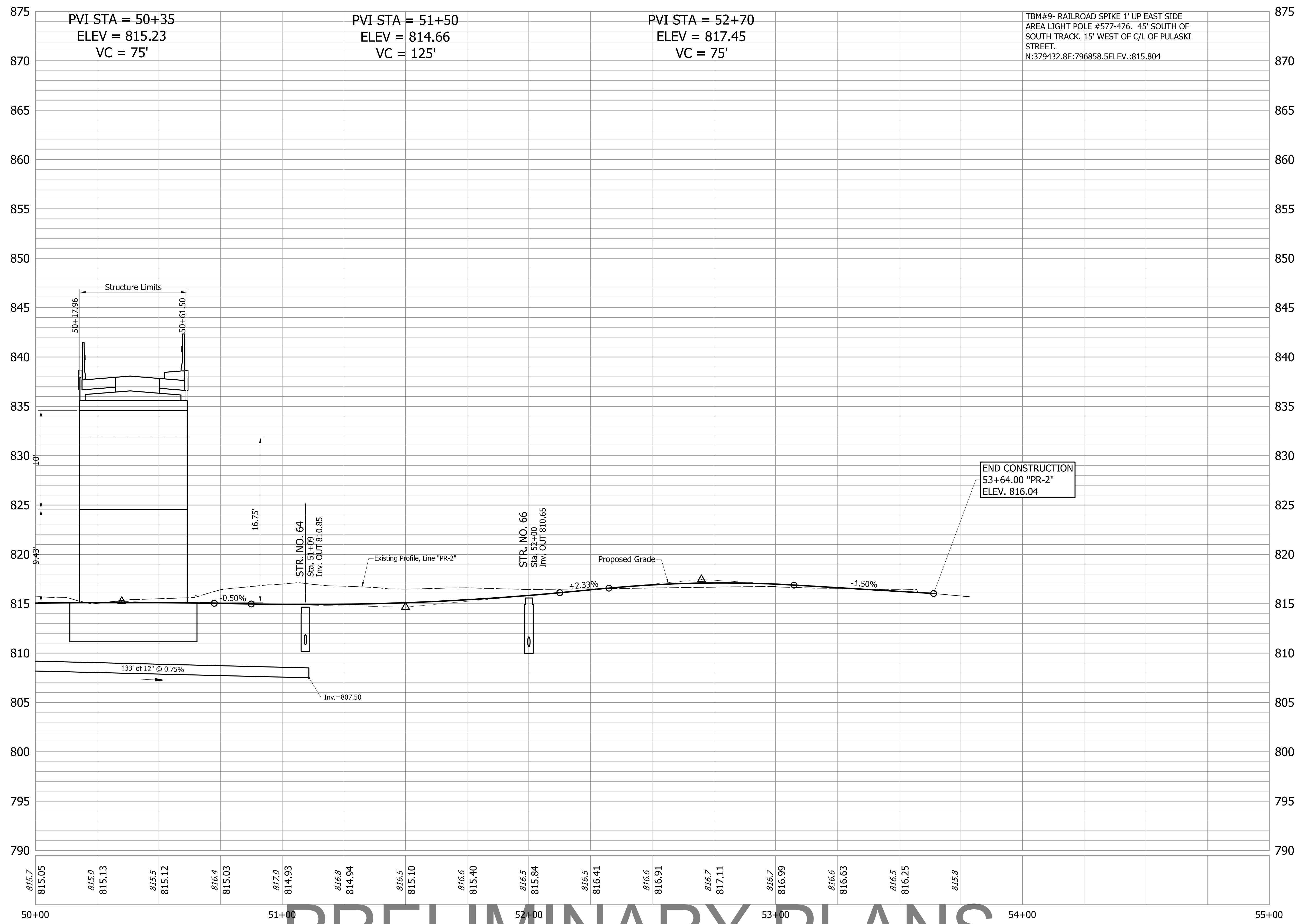
DESIGNED: JGP	DRAWN: JGP
CHECKED: GRW	CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "PR-2"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS 31 of 128
CONTRACT B-41844	PROJECT 1801912

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TBM#9- RAILROAD SPIKE 1' UP EAST SIDE  
 AREA LIGHT POLE #577-476. 45' SOUTH OF  
 SOUTH TRACK. 15' WEST OF C/L OF PULASKI  
 STREET.  
 N:379432.8E:796858.5ELEV.:815.804

END CONSTRUCTION  
 53+64.00 "PR-2"  
 ELEV. 816.04

PRELIMINARY PLANS  
 NOT FOR CONSTRUCTION

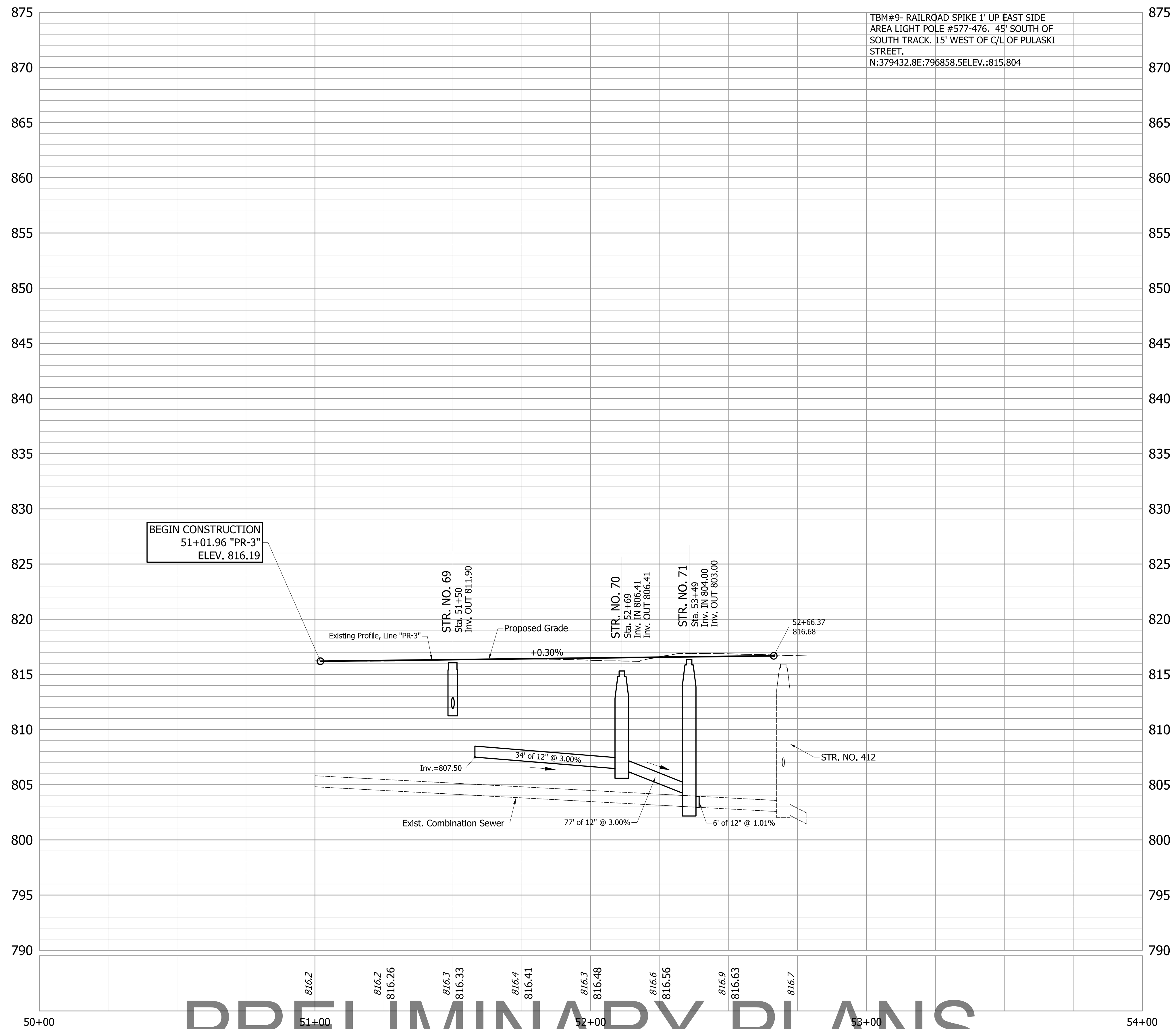
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 CHECKED: GRW CHECKED: GRW

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
 LINE "PR-2"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	32 of 128 PROJECT 1801912

S:\2019\19-0103 Labette Railroad Trac Rehab\Bldg Plans\Road Plans\7-Plans and Profiles\2019-0103-Rbn-Profile-01.dwg, Pnt#03, 8/2/2021, 3:26:48 PM



TBM#9- RAILROAD SPIKE 1' UP EAST SIDE  
 AREA LIGHT POLE #577-476. 45' SOUTH OF  
 SOUTH TRACK. 15' WEST OF C/L OF PULASKI  
 STREET.  
 N:379432.8E:796858.5ELEV.:815.804

BEGIN CONSTRUCTION  
 51+01.96 "PR-3"  
 ELEV. 816.19

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

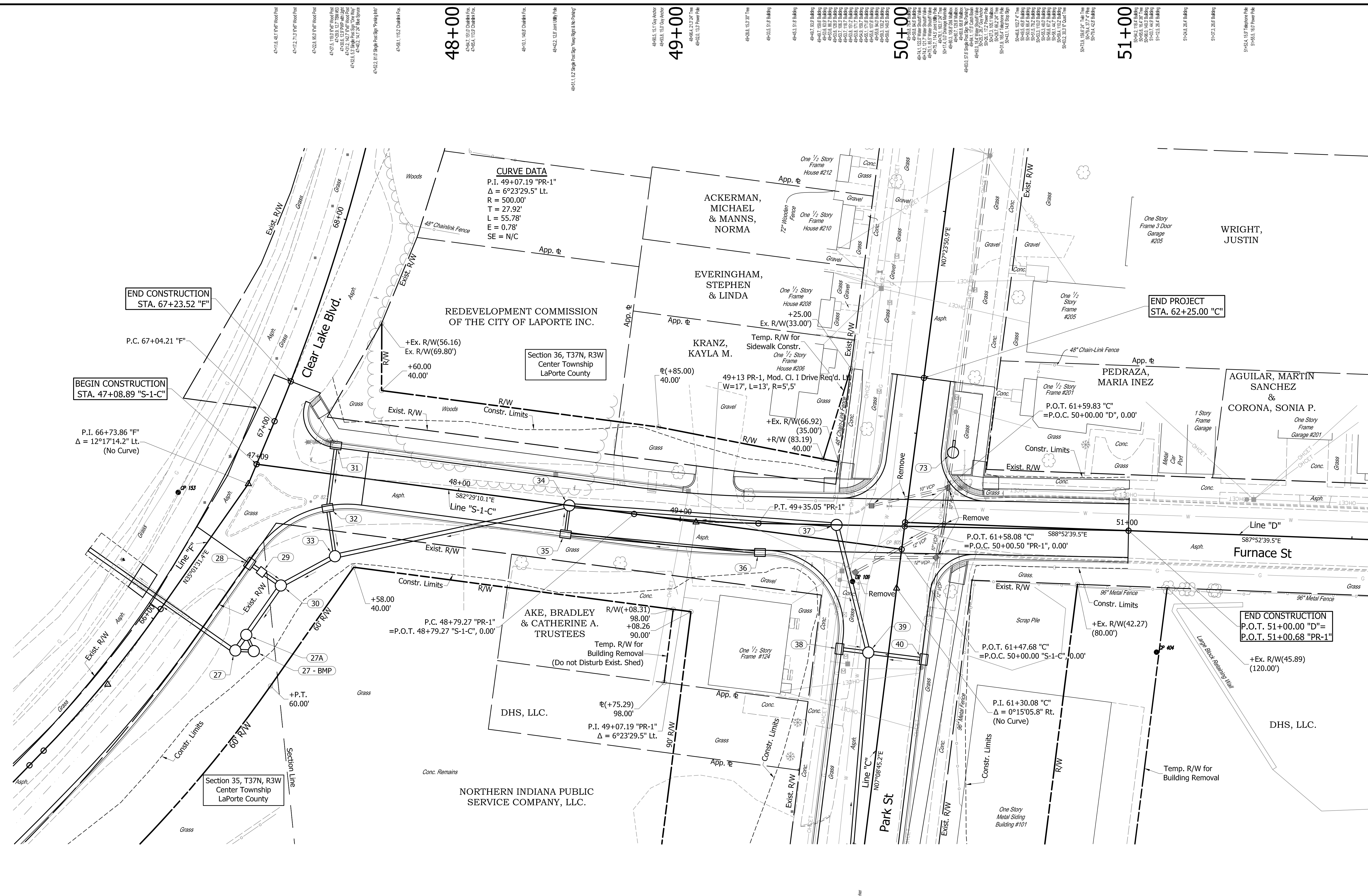
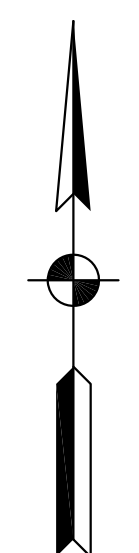
INDIANA  
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
 LINE "PR-3"

DESIGNED: JGP DRAWN: JGP  
 CHECKED: GRW CHECKED: GRW

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	33 of 128
CONTRACT B-41844	PROJECT 1801912

S:\2019\19-0103 Labette Railroad Trac Rehab\Bldg Plans\Road Plans\7-Plans and Profiles\2019-01-03-Road-Profile-01.dwg, Plot#03, 8/2/2021, 3:26:51 PM



48+00

49+00

50+00

51+00

**CURVE DATA**  
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 $\Delta = 6^\circ 23' 29.5''$  Lt.  
 R = 500.00'  
 T = 27.92'  
 L = 55.78'  
 E = 0.78'  
 SE = N/C

END CONSTRUCTION STA. 67+23.52 "F"

BEGIN CONSTRUCTION STA. 47+08.89 "S-1-C"

END PROJECT STA. 62+25.00 "C"

END CONSTRUCTION P.O.T. 51+00.00 "D" = P.O.T. 51+00.68 "PR-1"

Clear Lake Blvd.

Furnace St

Park St

Section 35, T37N, R3W Center Township LaPorte County

NORTHERN INDIANA PUBLIC SERVICE COMPANY, LLC.

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

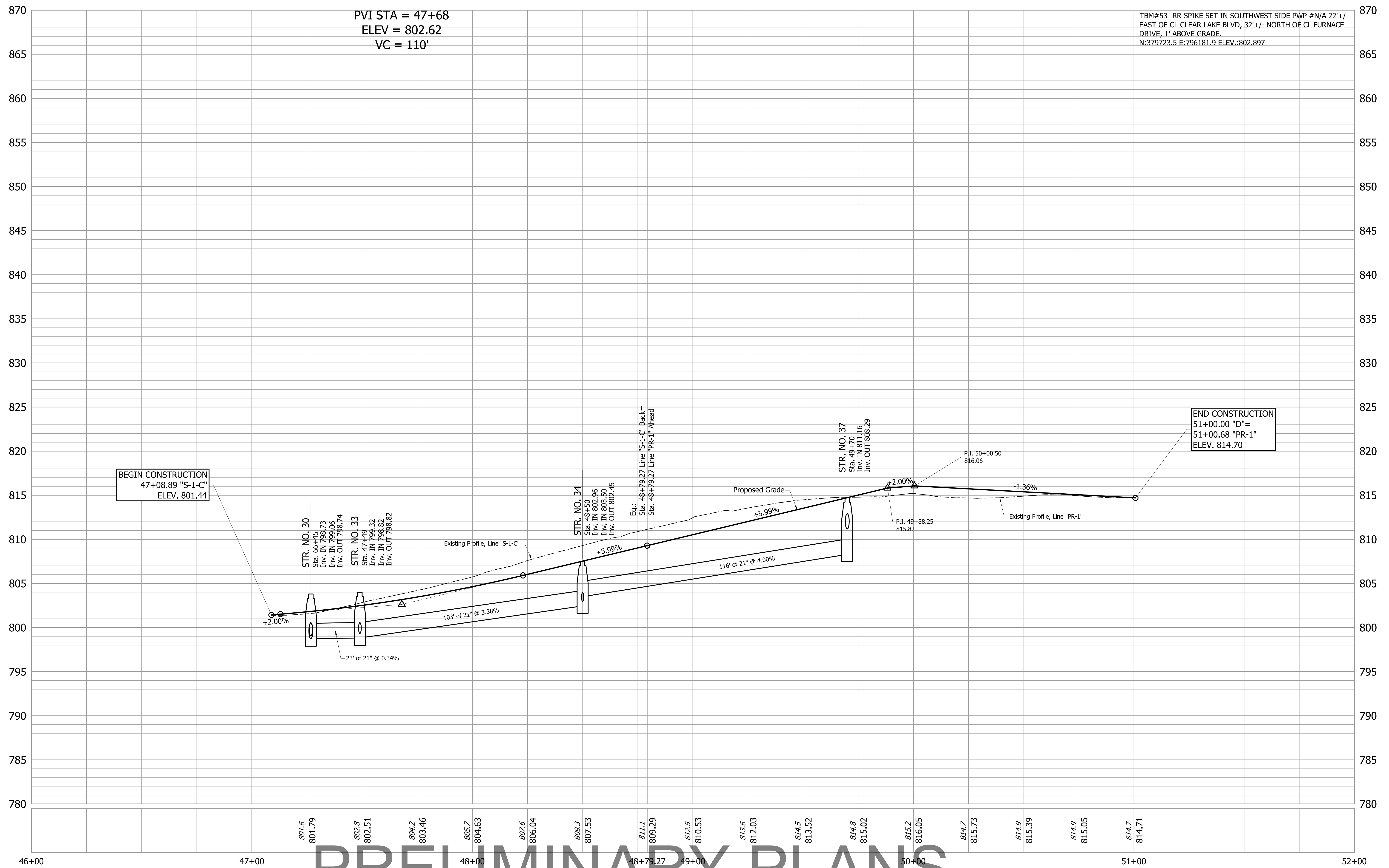
FOR ALIGNMENT REFERENCES, SEE GEOMETRIC TIE-IN SHEET

DESIGNED: JGP DRAWN: JGP  
 CHECKED: GRW CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 LINE "S-1-C", "PR-1", & "D"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 5'		1801912	
SURVEY BOOK		SHEETS	
		34	of 128
CONTRACT		PROJECT	
B-41844		1801912	

S:\2019\19-0103 LaPorte Railroad Trac Rehab\3dgs\Plan\RoadPlan\07-Plans and Profiles\2019-0103-RoadProfile-02.dwg, Plan-01, 8/4/2021, 4:12:12 PM



PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

DESIGNED: JGP  
DRAWN: JGP  
CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "S-1-C", "PR-1", & "D"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	35 of 128
CONTRACT B-41844	PROJECT 1801912

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55+00

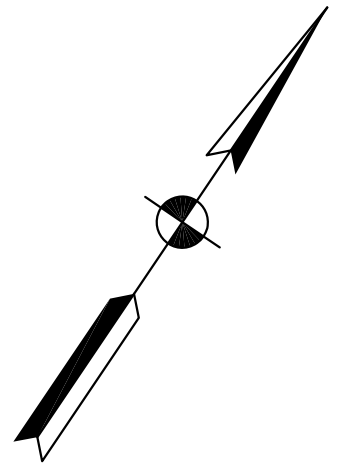
56+00

57+00

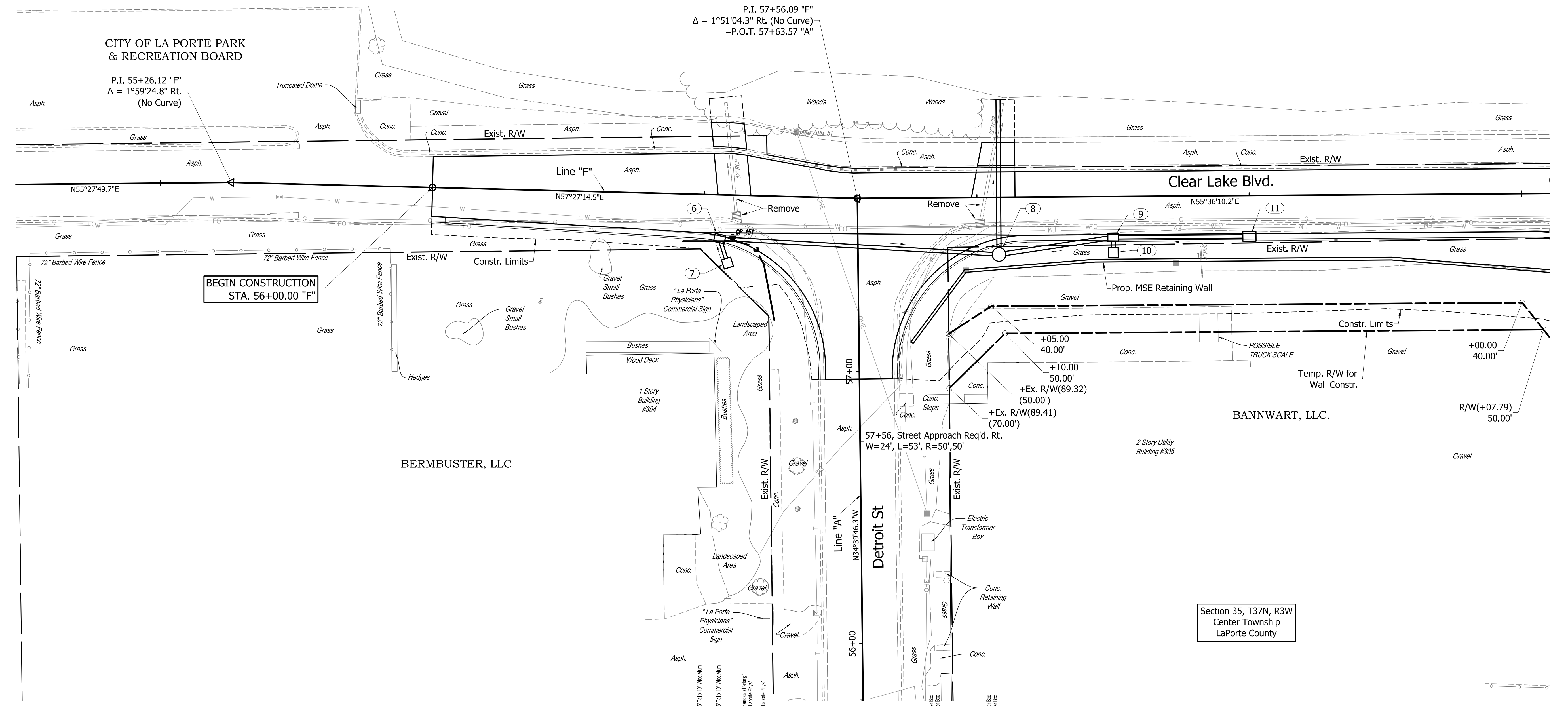
58+00

59+00

60+00



Clear Lake



CITY OF LA PORTE PARK & RECREATION BOARD

P.I. 55+26.12 "F"  
Δ = 1°59'24.8" Rt.  
(No Curve)

P.I. 57+56.09 "F"  
Δ = 1°51'04.3" Rt. (No Curve)  
=P.O.T. 57+63.57 "A"

BEGIN CONSTRUCTION  
STA. 56+00.00 "F"

Clear Lake Blvd.

Detroit St

BERMBUSTER, LLC

BANNWART, LLC.

Section 35, T37N, R3W  
Center Township  
LaPorte County

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

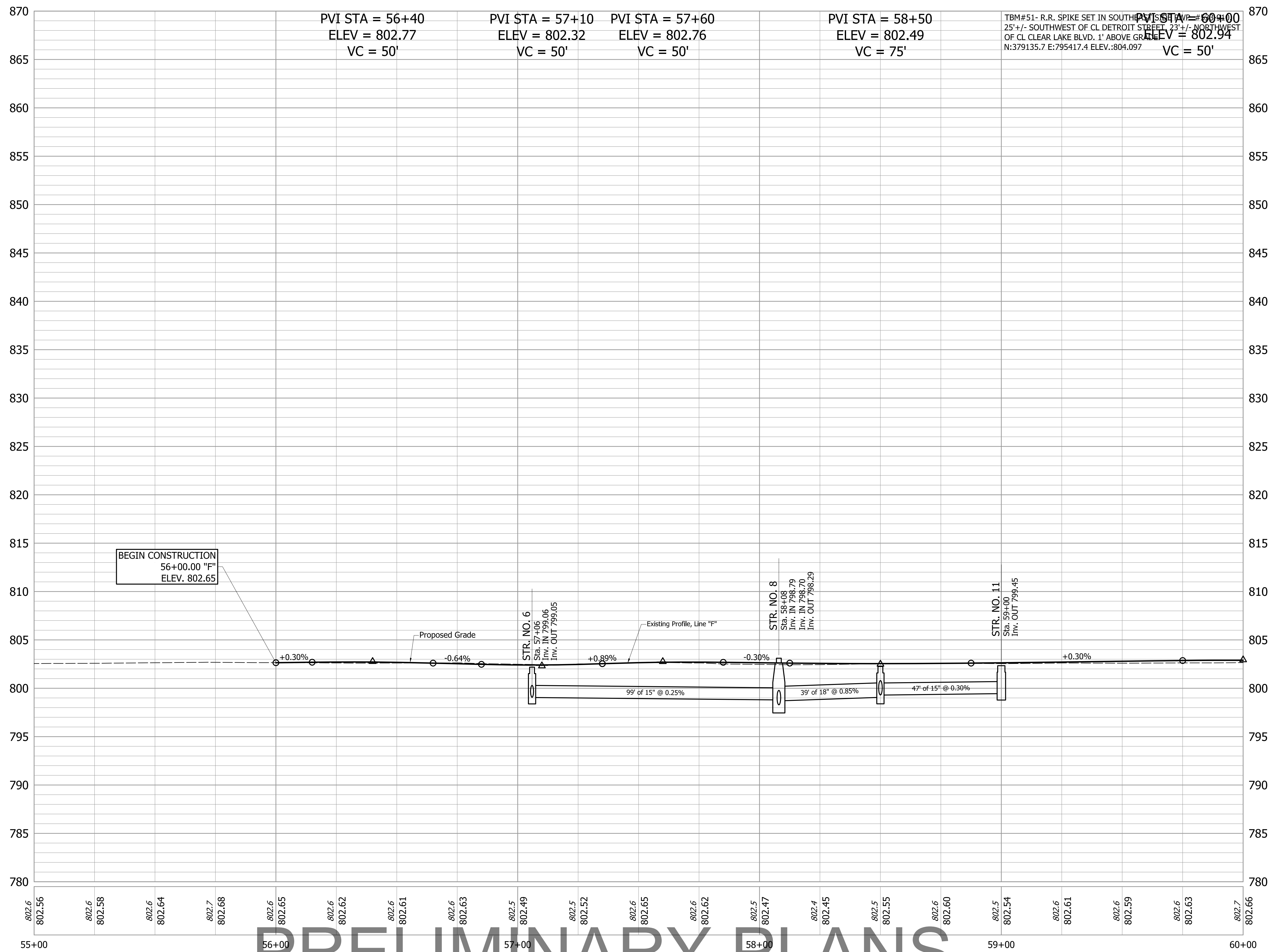
DESIGNED: JGP DRAWN: JGP  
CHECKED: GRW CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN AND PROFILE  
LINE "F"

HORIZONTAL SCALE		BRIDGE FILE
1" = 20'		
VERTICAL SCALE		DESIGNATION
1" = 5'		1801912
SURVEY BOOK		SHEETS
		36 of 128
CONTRACT		PROJECT
B-41844		1801912

ALL R/W ON THIS SHEET DESCRIBED FROM  
LINE "F" UNLESS OTHERWISE NOTED.

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

DESIGNED: JGP  
DRAWN: JGP  
CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "F"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	37 of 128 PROJECT 1801912

S:\2019\19-0103 Labette Railroad Trax Rehab\Gdp\_Plan\_Profile\19-0103-Rtr-Profile-03.dwg, Plot#01, 8/2/2021 3:33:38 PM

60+00

61+00

62+00

63+00

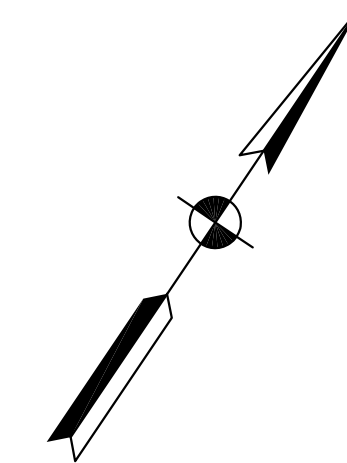
64+00

65+00

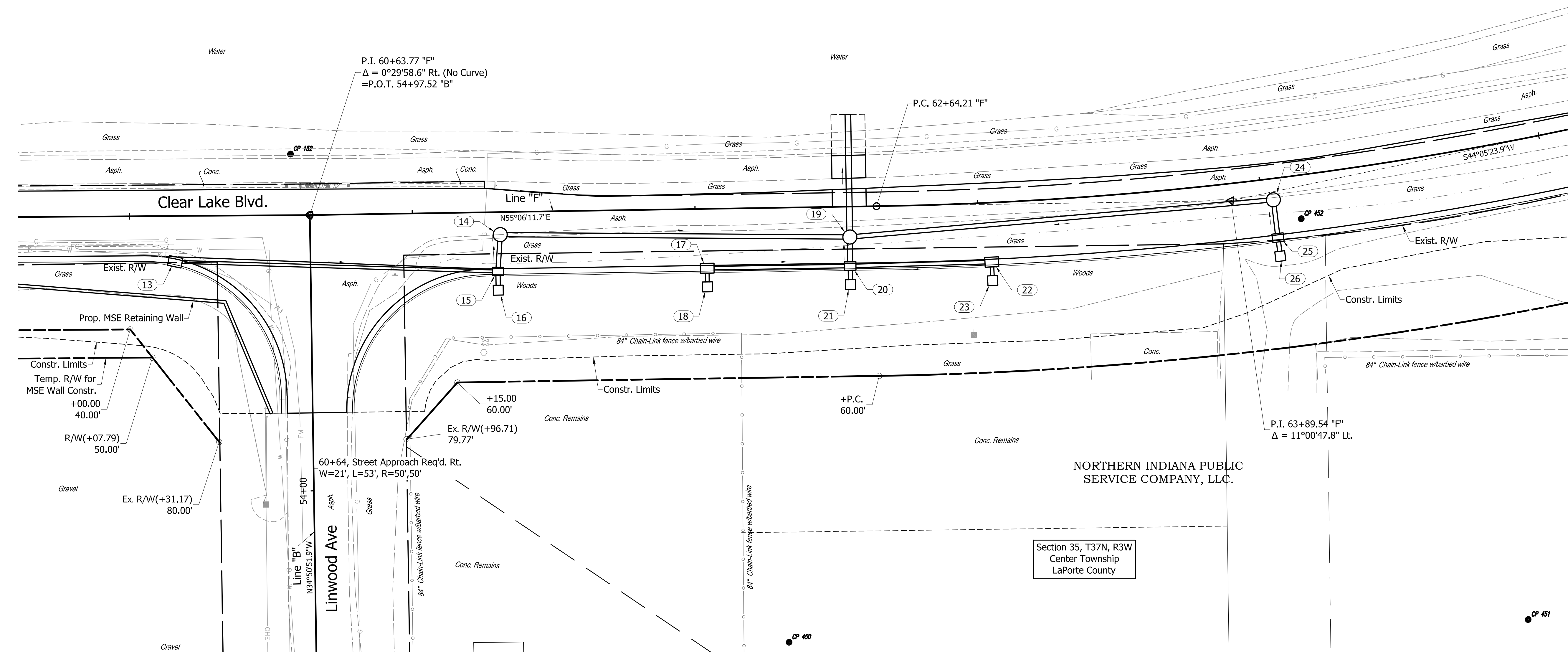
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post

B+HSE, 102.2' Diameter Post

**CURVE DATA**  
P.I. 63+89.54 "F"  
 $\Delta = 11^{\circ}00'47.8''$  Lt.  
R = 1300.00'  
T = 125.33'  
L = 249.88'  
E = 6.03'  
SE = N/C



Clear Lake



NORTHERN INDIANA PUBLIC SERVICE COMPANY, LLC.

Section 35, T37N, R3W  
Center Township  
LaPorte County

B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post

B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post

B+HSE, 102.2' Diameter Post

B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post  
B+HSE, 102.2' Diameter Post

**PRELIMINARY PLANS**

**NOT FOR CONSTRUCTION**

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

NOT FOR  
CONSTRUCTION

DESIGNED: JGP  
DRAWN: JGP  
CHECKED: GRW  
CHECKED: GRW

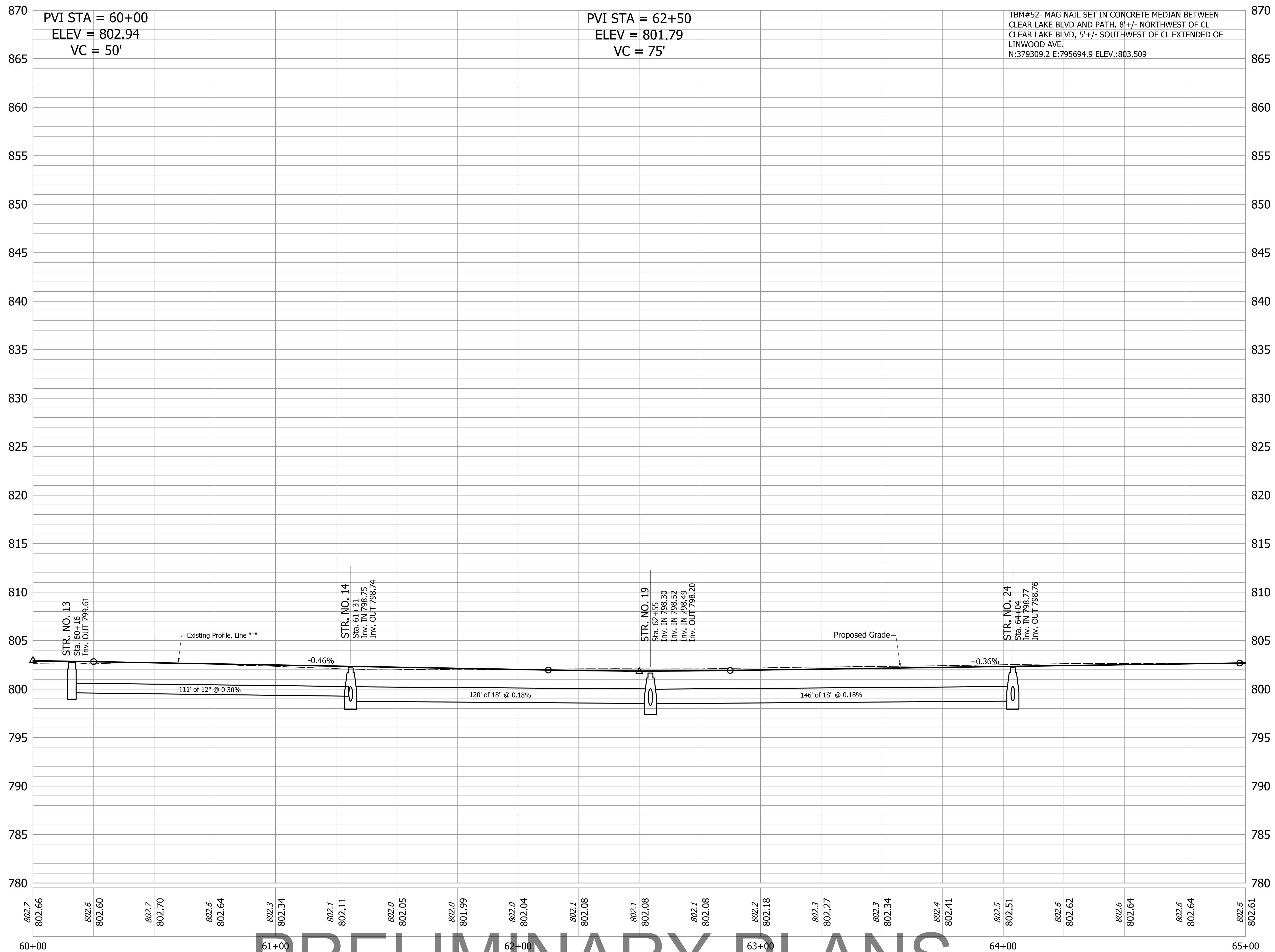
INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN AND PROFILE  
LINE "F"

ALL R/W ON THIS SHEET DESCRIBED FROM  
LINE "F" UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	38 of 128
CONTRACT B-41844	PROJECT 1801912

S:\2019\01-01-013 LaPorte Railroad Trk Rehab\Road Plans\Road Plans\Profile-01.dwg, Plan-02, 8/2/2023, 3:35:41 PM





PRELIMINARY PLANS

NOT FOR CONSTRUCTION

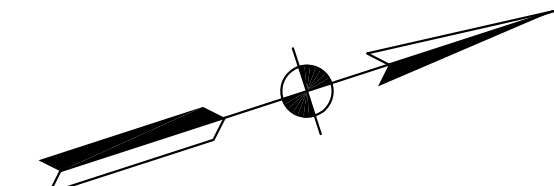
DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	39 of 128
CONTRACT	PROJECT
B-41844	1801912

S:\2019\19-01-013 Labette Railroad Trm Rehab\Bldg Plans\Profile-01.dwg, Pnt=0, 8/2/2021 3:33:45 PM



65+00  
R#144.277' 15' CUP

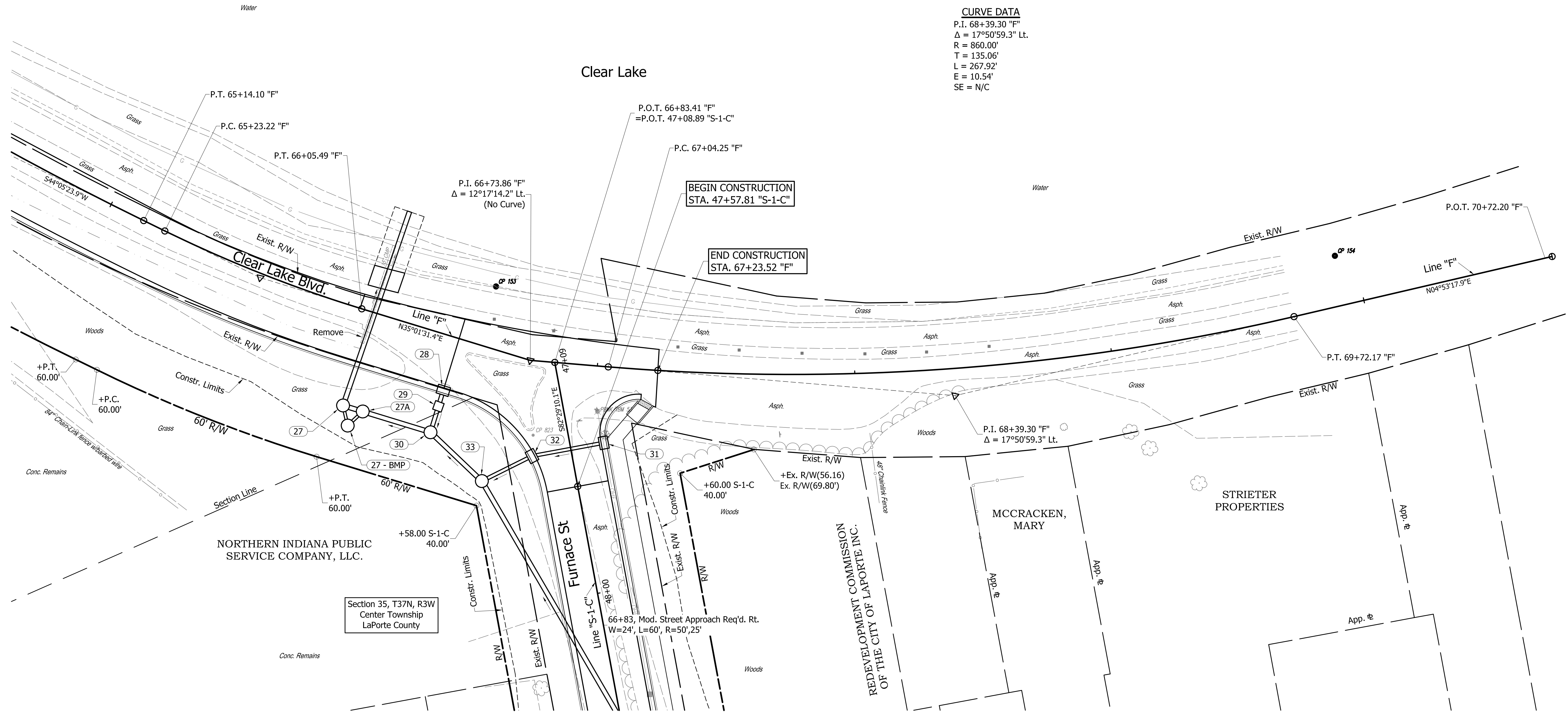
66+00  
R#144.277' 15' CUP

67+00  
R#144.277' 15' CUP

68+00  
R#144.277' 15' CUP

69+00  
R#144.277' 15' CUP

**CURVE DATA**  
 P.I. 68+39.30 "F"  
 $\Delta = 17^\circ 50' 59.3''$  Lt.  
 R = 860.00'  
 T = 135.06'  
 L = 267.92'  
 E = 10.54'  
 SE = N/C



**PRELIMINARY PLANS**

**NOT FOR CONSTRUCTION**

FOR ALIGNMENT REFERENCES,  
SEE GEOMETRIC TIE-IN SHEET

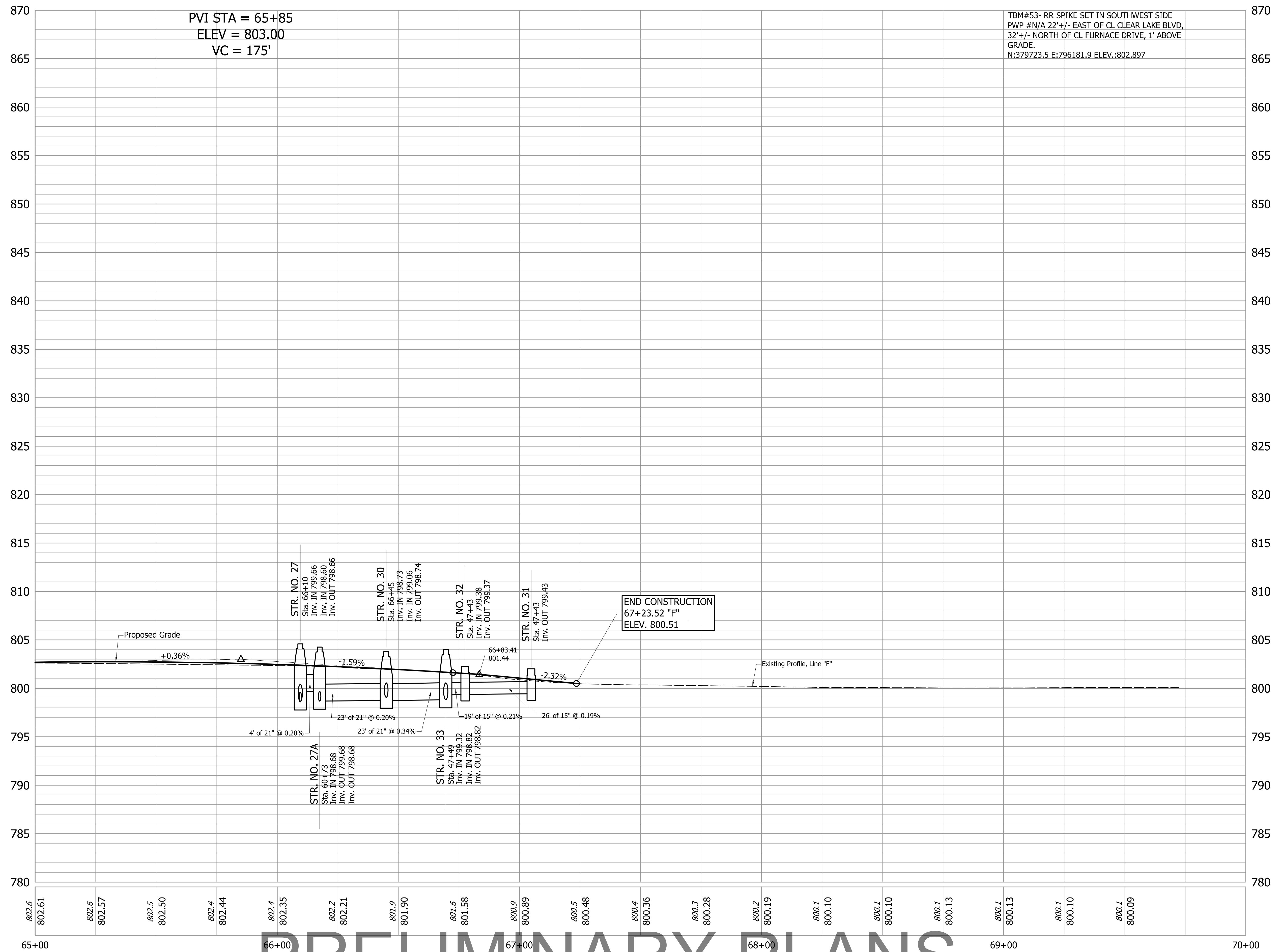
NOT FOR  
CONSTRUCTION

DESIGNED: JGP DRAWN: JGP  
 CHECKED: GRW CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN AND PROFILE  
LINE "F"

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "F" UNLESS OTHERWISE NOTED.	
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	40 OF 128 PROJECT
	1801912

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

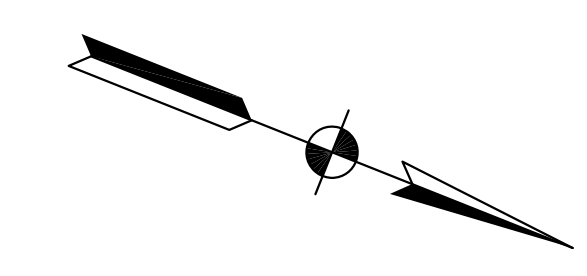
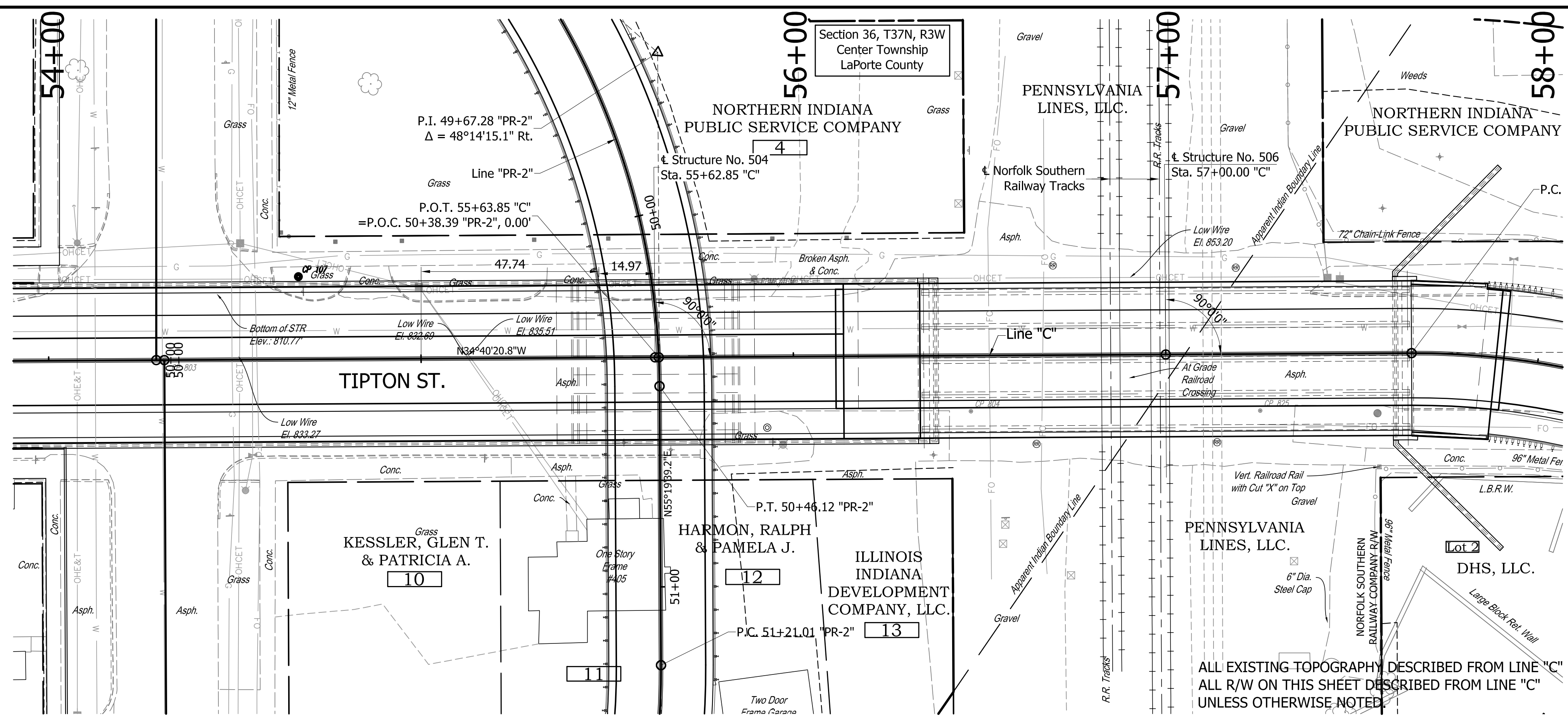
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DRAWN: JGP  
CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

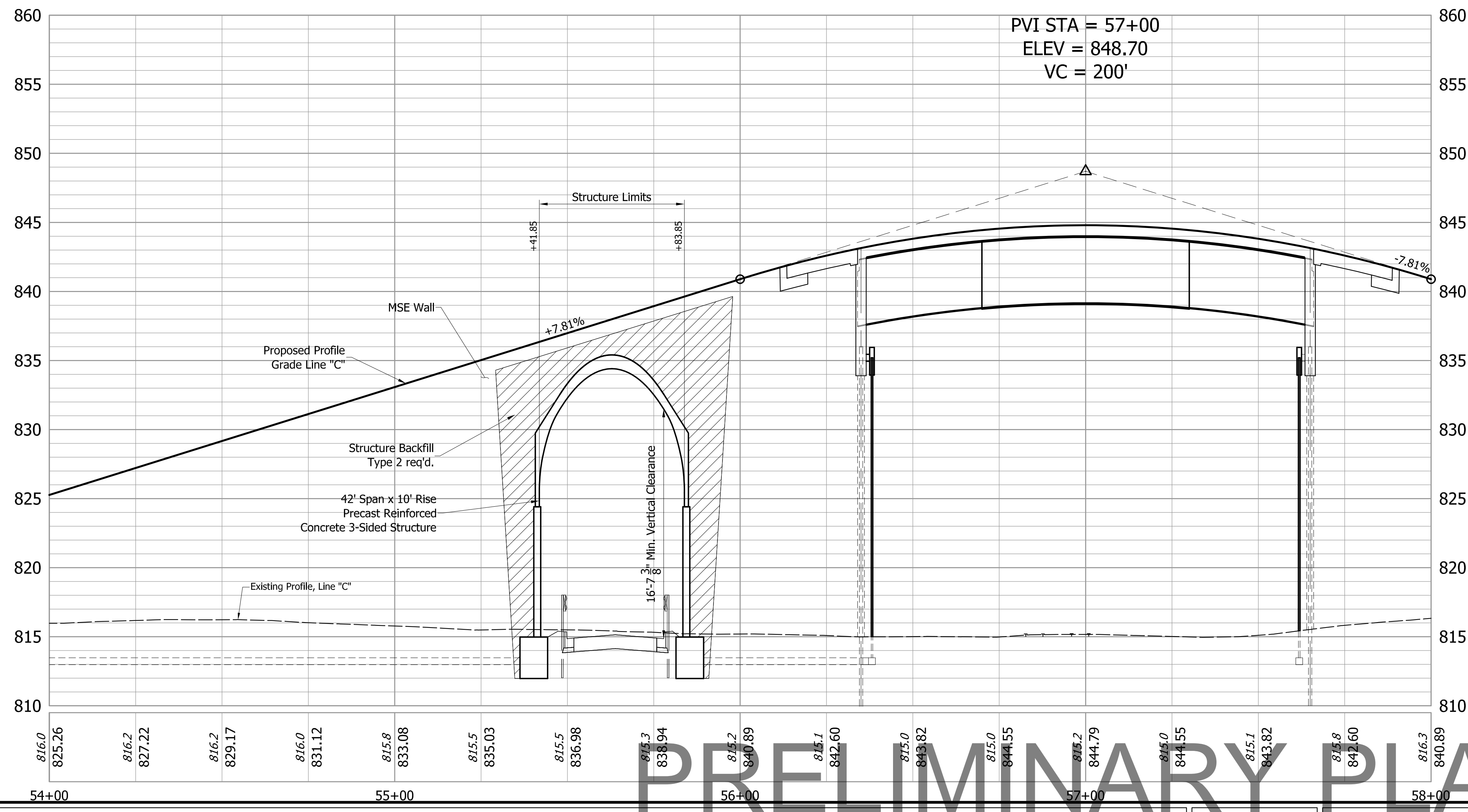
PLAN AND PROFILE  
LINE "F"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	41 of 128 PROJECT
	1801912

S:\2019\10-10-19 Laborte Railroad Trac Rehab\Bldg Plans\Road Plans\Profile-03.dwg, Plot#03, 8/2/2021 3:33:52 PM



**EXISTING STRUCTURE**  
No Existing Structure at this Location



**PRECAST REINFORCED CONCRETE  
THREE SIDED STRUCTURE**  
ONE SPAN @ 42'-0" x 10'-0" RISE, SQUARE  
32'-0" CLEAR ROADWAY WIDTH  
TIPTON STREET OVER WASHINGTON STREET  
LAPORTE COUNTY, INDIANA

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

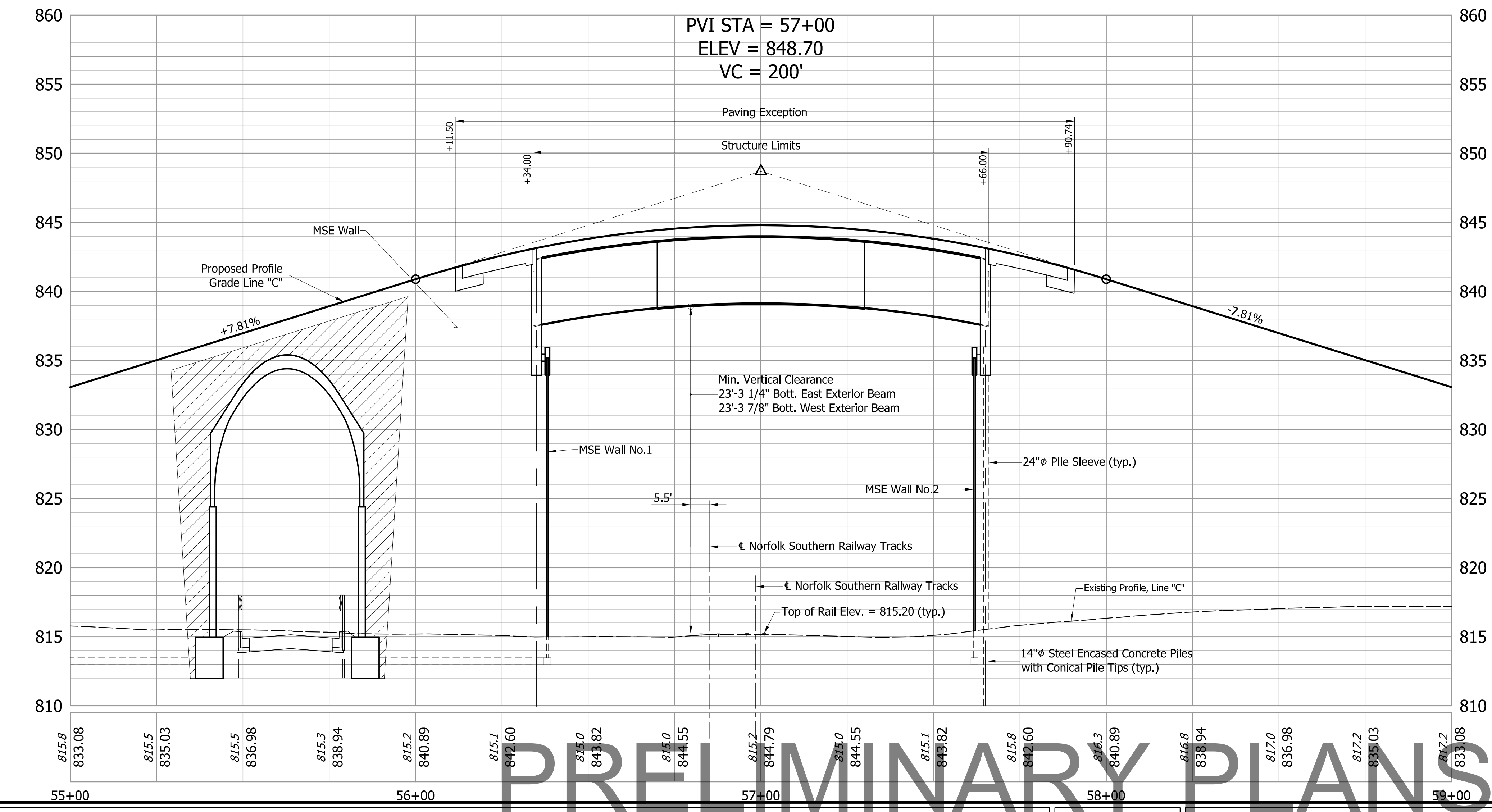
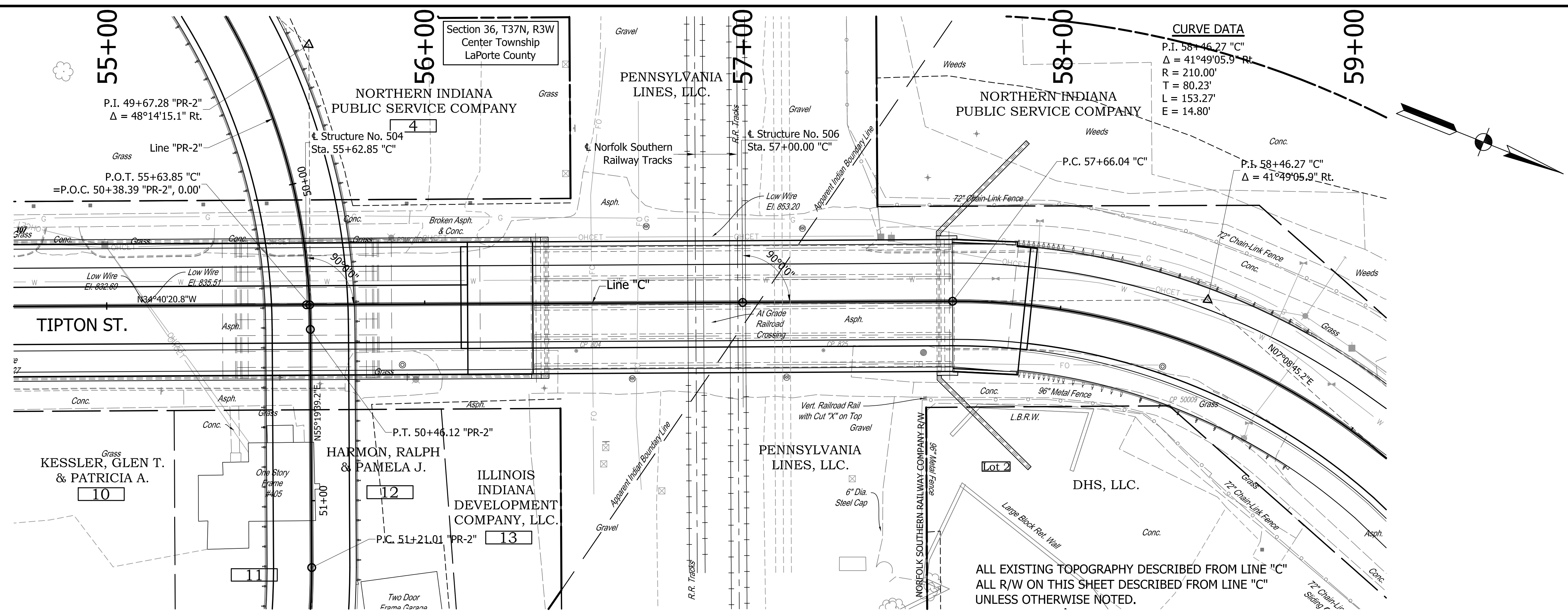
DESIGNED:	AG	DRAWN:	BDC
CHECKED:	BMA	CHECKED:	BMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

BRIDGE LAYOUT  
BRIDGE NO. 504

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	LAPORTE 504
VERTICAL SCALE	DESIGNATION
1"=5'	2002545
SURVEY BOOK	SHEETS
	42 of 128
CONTRACT	PROJECT
B-41844	1801912

S:\2019\01\01\013 Laporte Railroad Trac Enhance\Bridge Plans\2019-01-013 Layout\Bridge 504.dwg, Layout:504, 8/2/2021 3:35:56 PM



**EXISTING STRUCTURE**  
 No Existing Structure at this Location

**COMPOSITE STEEL  
 PLATE GIRDER BRIDGE**  
 ONE SPAN @ 130'-0", SQUARE  
 32'-0" CLEAR ROADWAY WIDTH  
 TIPTON STREET OVER NORTHFOLK SOUTHERN RAILROAD  
 LAPORTE COUNTY, INDIANA

**PRELIMINARY PLANS**  
**NOT FOR CONSTRUCTION**

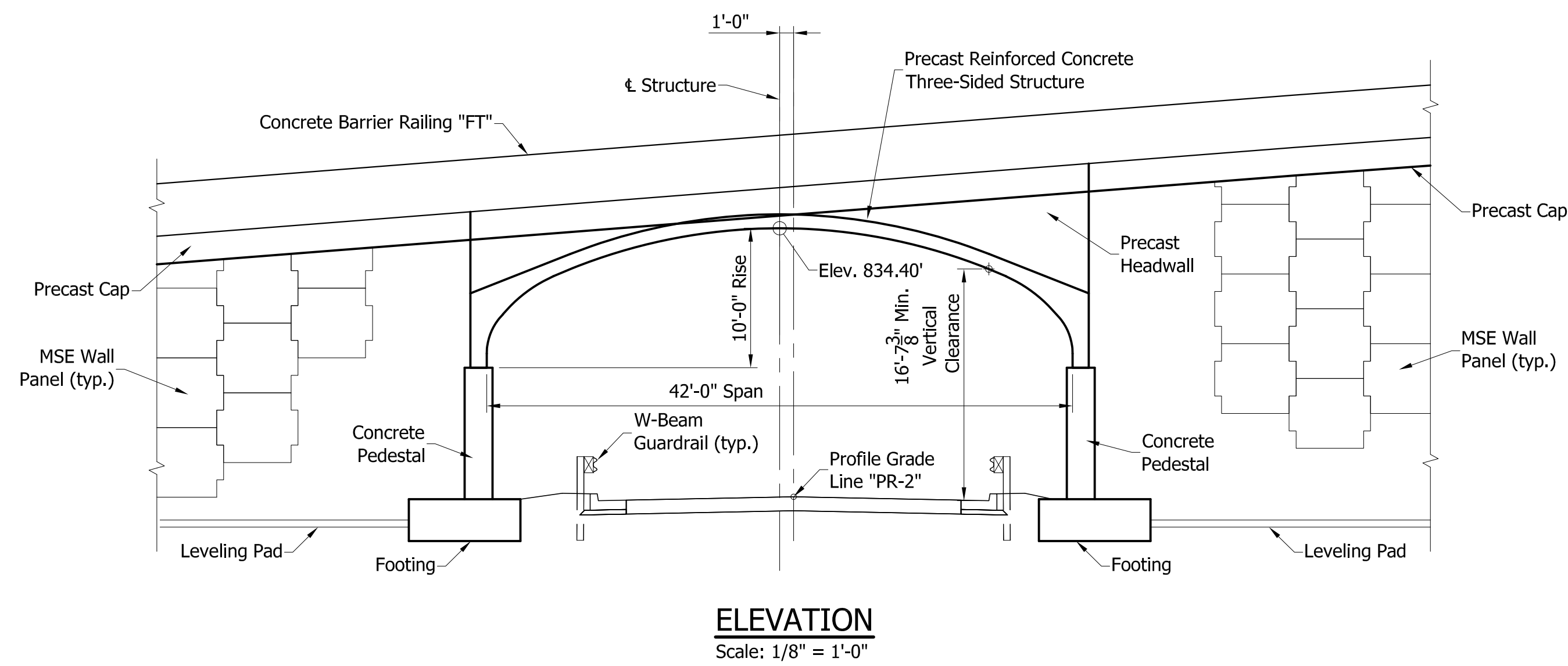
DESIGNED:	AG	DRAWN:	BDC
CHECKED:	BMA	CHECKED:	BMA

**INDIANA  
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE LAYOUT  
 BRIDGE NO. 506**

HORIZONTAL SCALE 1"=20'	BRIDGE FILE LAPORTE 506
VERTICAL SCALE 1"=5'	DESIGNATION 1900835
SURVEY BOOK	SHEETS
CONTRACT B-41844	43 of 128 PROJECT 1801912

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**GENERAL NOTES:**

A three-sided arch-topped or true-arch structure will not be permitted at this location.

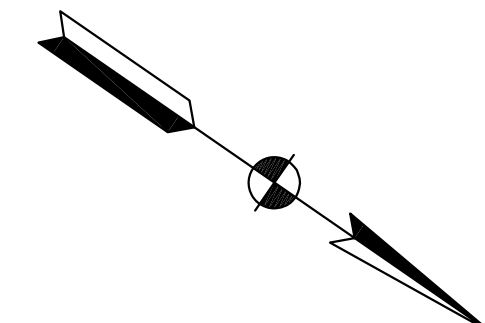
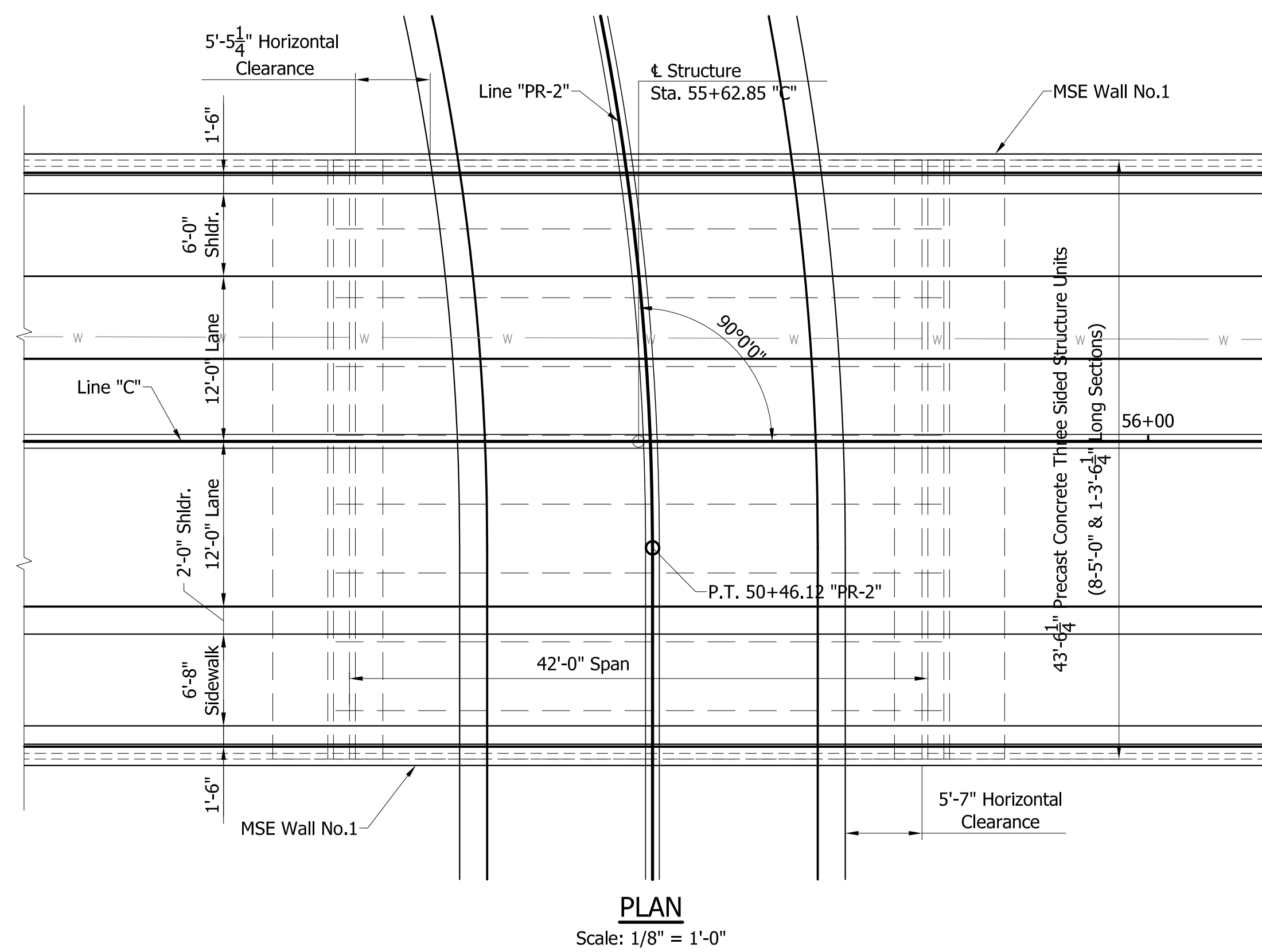
**DESIGN DATA:**

Designed for HL-93 Loading in accordance with the AASHTO LRFD Bridge Design Specifications, 8th edition, 2017 (LRFD 8).

Designed for actual dead load plus 35 lbs./sq.ft. future wearing surface

**UNIT STRESSES:**

Class "C" Concrete  $F'_c = 4000$  p.s.i.  
 Class "A" Concrete  $F'_c = 3500$  p.s.i.  
 Class "B" Concrete  $F'_c = 3000$  p.s.i.  
 Reinforcing Steel (Grade 60)  $F_y = 60,000$  p.s.i.



**PRECAST REINFORCED CONCRETE  
 THREE SIDED STRUCTURE**  
 ONE SPAN @ 42'-0" x 10'-0" RISE, SQUARE  
 32'-0" CLEAR ROADWAY WIDTH  
 TIPTON STREET OVER WASHINGTON STREET  
 LAPORTE COUNTY, INDIANA

**PRELIMINARY PLANS**  
**NOT FOR CONSTRUCTION**

INDIANA  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN  
 BRIDGE NO. 504

DESIGNED: AG  
 CHECKED: BMA  
 DRAWN: DWB  
 CHECKED: BMA

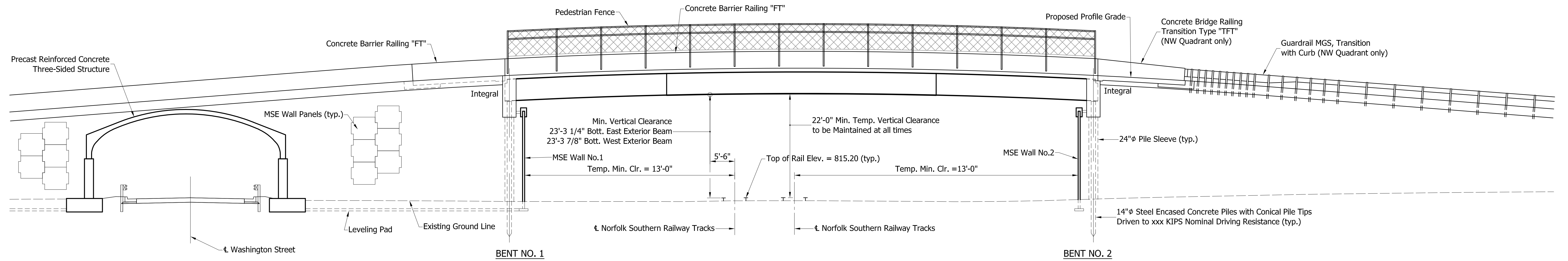
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	LAPORTE 504
VERTICAL SCALE	DESIGNATION
AS NOTED	2002545
SURVEY BOOK	SHEETS
	44 of 128
CONTRACT	PROJECT
B-41844	1801912

S:\2019\01-01-013 Laporte Railroad Trax Rehab\Bldgs\Plan\504\504.dwg, General Plan 504.dwg, 8/27/2023, 3:28:18 PM

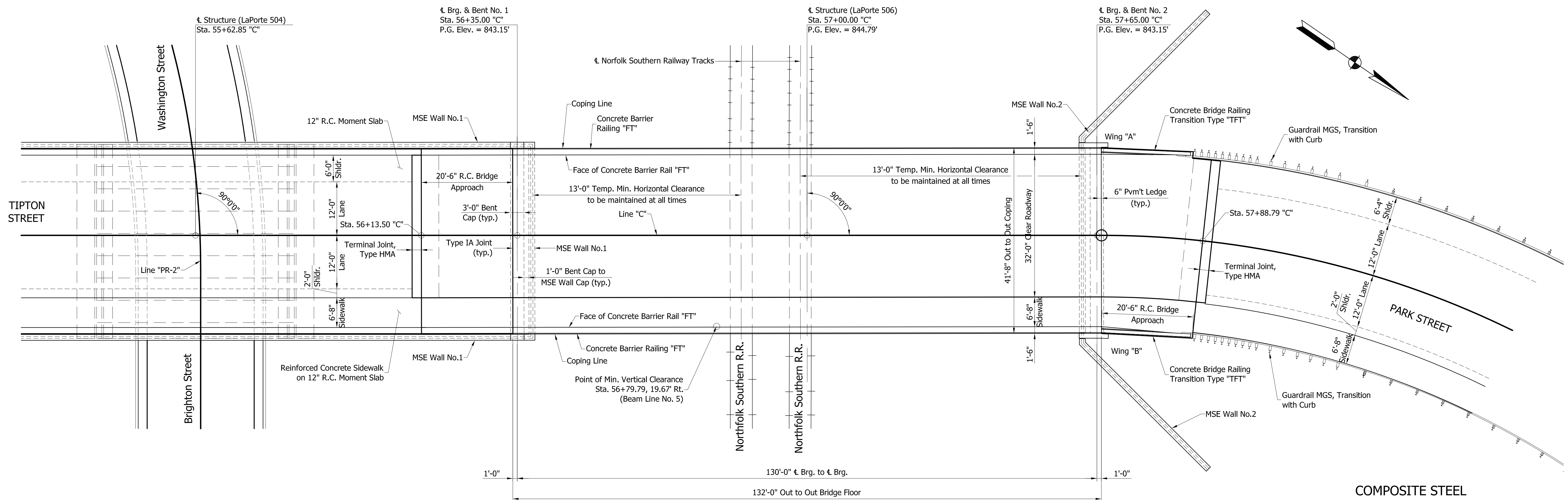
STRUCTURE TO BE BUILT TO 200' VERTICAL CURVE

P.V.I. Sta. 57+00.00 "C"  
P.V.I. Elev. = 848.70

+7.81%      -7.81%



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



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

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

**COMPOSITE STEEL  
PLATE GIRDER BRIDGE**  
ONE SPAN @ 130'-0", SQUARE  
32'-0" CLEAR ROADWAY WIDTH  
TIPTON STREET OVER NORTHFOLK SOUTHERN RAILROAD  
LAPORTE COUNTY, INDIANA

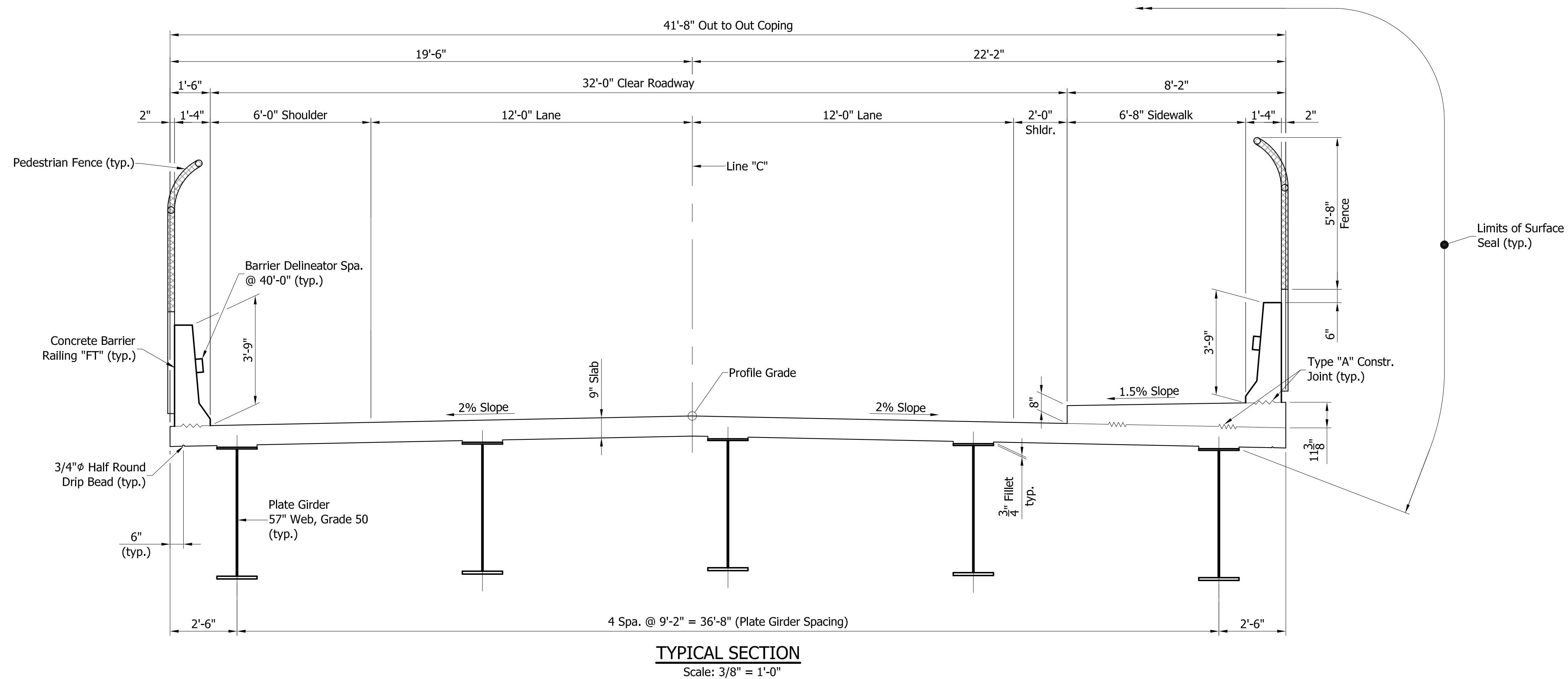
INDIANA  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN  
BRIDGE NO. 506

DESIGNED: AG      DRAWN: BDC  
CHECKED: BMA      CHECKED: BMA

HORIZONTAL SCALE AS NOTED	BRIDGE FILE LAPORTE 506
VERTICAL SCALE AS NOTED	DESIGNATION 1900835
SURVEY BOOK	SHEETS 45 of 128
CONTRACT B-41844	PROJECT 1801912

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**GENERAL NOTES**

Reinforcing steel covering shall be 2 1/2" in top and 1" min. in bottom of floor slab, and 2" in all other parts, unless noted.

Concrete in superstructure and bridge railing to be Class "C".

Concrete in end bents to be Class "C".

Surface seal top of bridge deck from coping to coping, bridge deck copings, underside of deck as shown, all surfaces of concrete railing, the ends of the bent caps, wingwalls and approach slabs. Estimated Quantity = xx sft.

**DESIGN DATA**

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

**Dead Loads:**  
Designed for actual dead load plus 35#/sft. future wearing surface.

**Unit Stresses:**  
Concrete, Class C:  $f_c = 4,000$  PSI Minimum

Reinforcing Steel:  $f_y = 60,000$  PSI

**CONSTRUCTION LOADING**

The exterior girder has been checked for strength, deflection, and overturning using the construction loads shown below. Cantilever overhang brackets were assumed for support of the deck overhang past the edge of the exterior girder. The finishing machine was assumed to be supported 6 inches outside the vertical coping form. The top overhang brackets were assumed to be located 6 inches past the edge of the vertical coping form. The bottom overhang brackets were assumed to be braced against the intersection of the girder bottom flange and web.

**Deck Falsework Loads:**  
Designed for 15 lb/sft for permanent metal stay-in-place deck forms, removable deck forms, and 2 feet exterior walkway.

**Construction Live Load:**  
Designed for the 20 lb/sft extending 2 feet past the edge of coping and 75 lb/ft vertical force applied at a distance of 6 inches outside face of coping over a 30 feet length of the deck centered with the finishing machine.

**Finishing Machine Load:** 4500 lb. distributed over 10 feet along coping.

**Wind Load:**  
Designed for 70 mph horizontal wind loading in accordance with LRFD 3.8.1

**COMPOSITE STEEL  
PLATE GIRDER BRIDGE**  
ONE SPAN @ 130'-0", SQUARE  
32'-0" CLEAR ROADWAY WIDTH  
TIPTON STREET OVER NORTHFOLK SOUTHERN RAILROAD  
LAPORTE COUNTY, INDIANA

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

INDIANA  
DEPARTMENT OF TRANSPORTATION

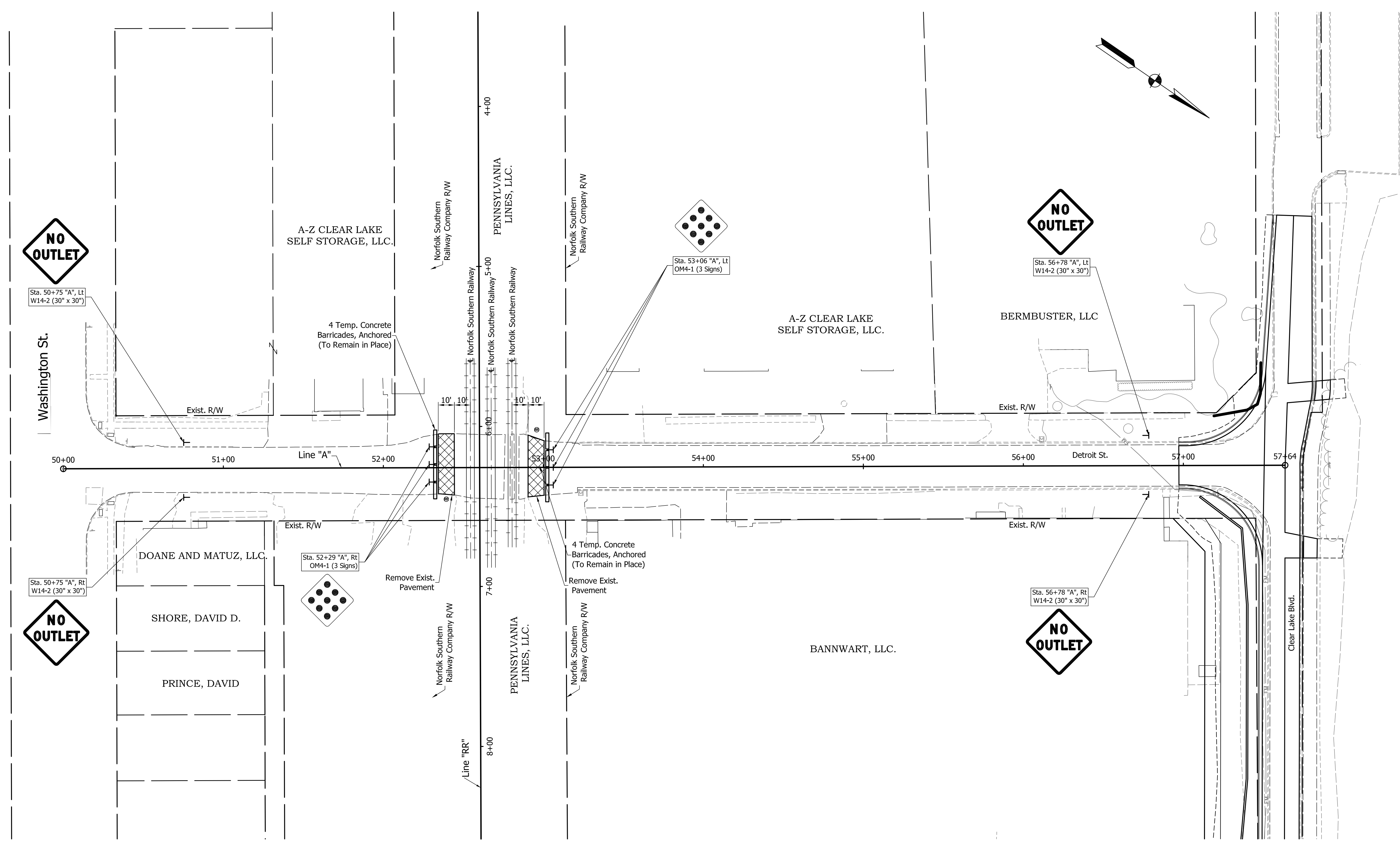
GENERAL PLAN  
BRIDGE NO. 506

DESIGNED:	AG	DRAWN:	BDC
CHECKED:	BMA	CHECKED:	BMA

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	LAPORTE 506
VERTICAL SCALE	DESIGNATION
AS NOTED	1900835
SURVEY BOOK	SHEETS
	46 of 128
CONTRACT	PROJECT
B-41844	1801912

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

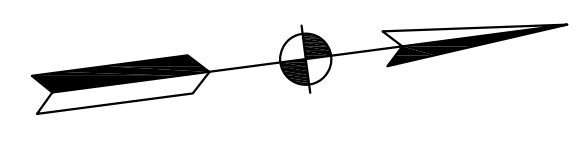
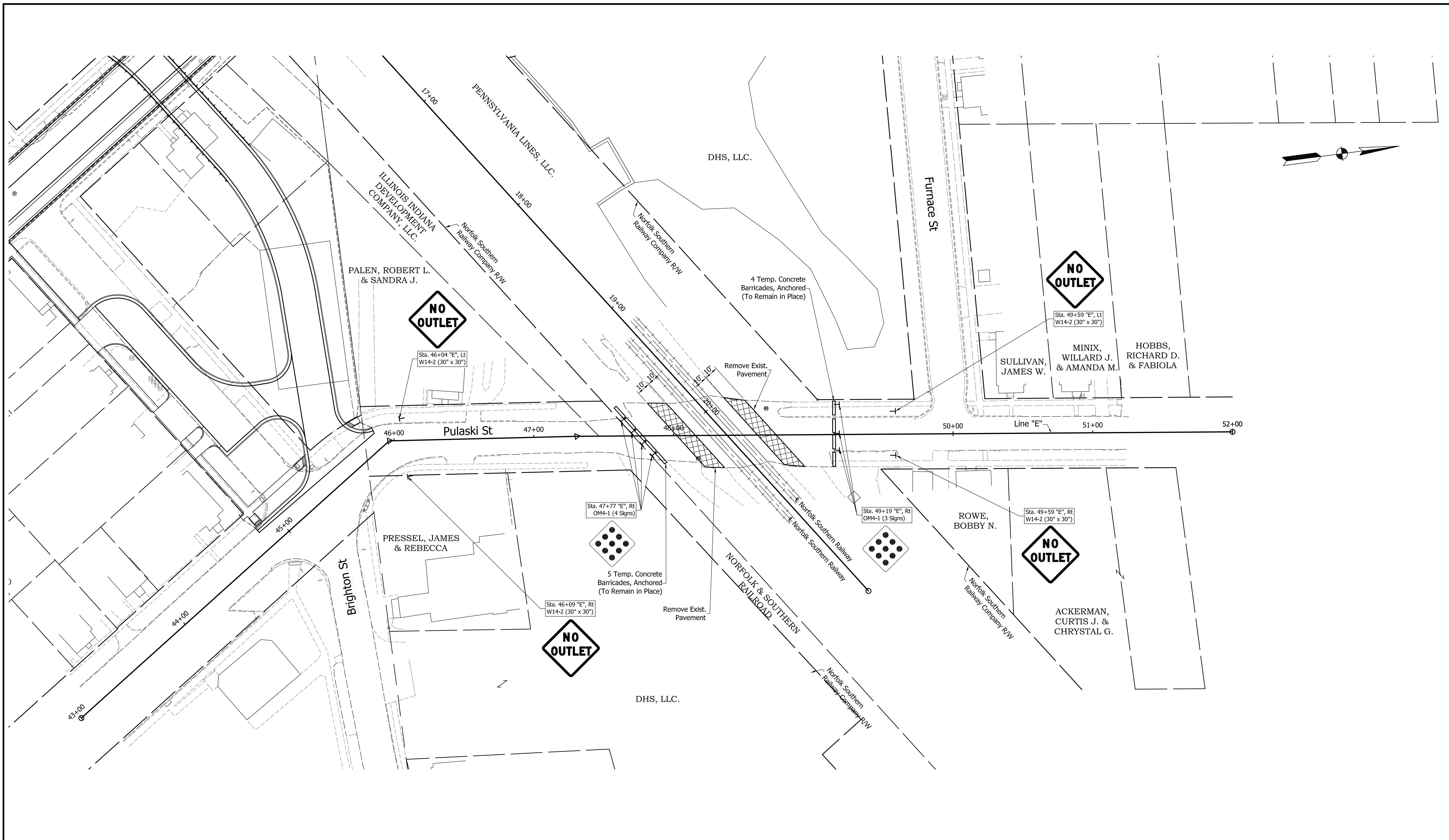
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CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROAD CLOSURE PLAN DETROIT ST.  
AT NORFOLK SOUTHERN RAILROAD

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1801912
SURVEY BOOK	SHEETS
	55A of 128
CONTRACT	PROJECT
B-41844	1801912

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PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

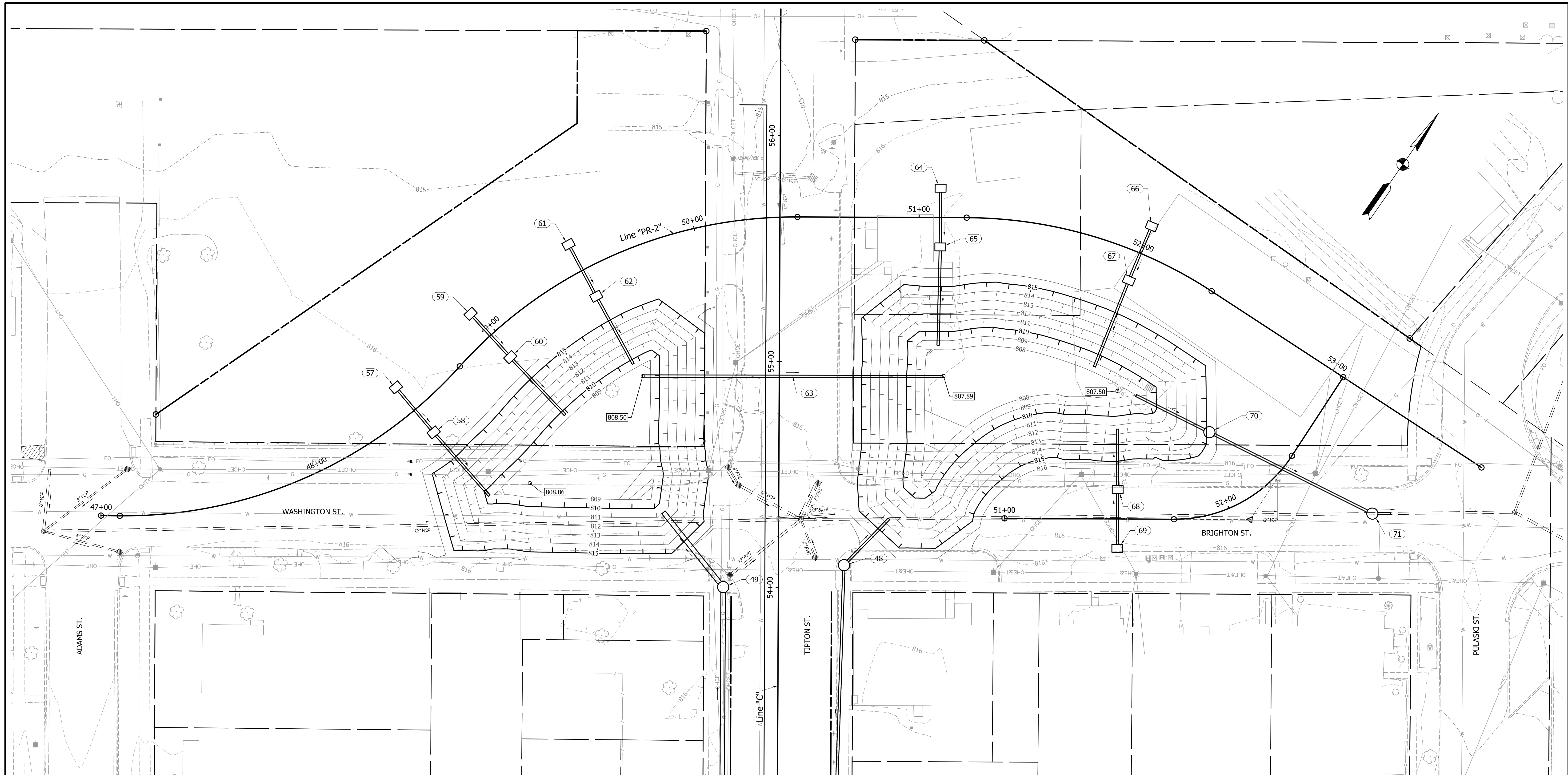
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CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROAD CLOSURE PLAN PULASKI ST.  
AT NORFOLK SOUTHERN RAILROAD

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1801912
SURVEY BOOK	SHEETS
	55B of 128
CONTRACT	PROJECT
B-41844	1801912

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PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

TBM#5- RAILROAD SPIKE 1' UP EAST SIDE POWERPOLE  
#564-307. 20' WEST OF C/L OF TIPTON STREET. 90'  
SOUTH OF SOUTH TRACK.  
N:379147 E:796538.8  
ELEV.:816.355

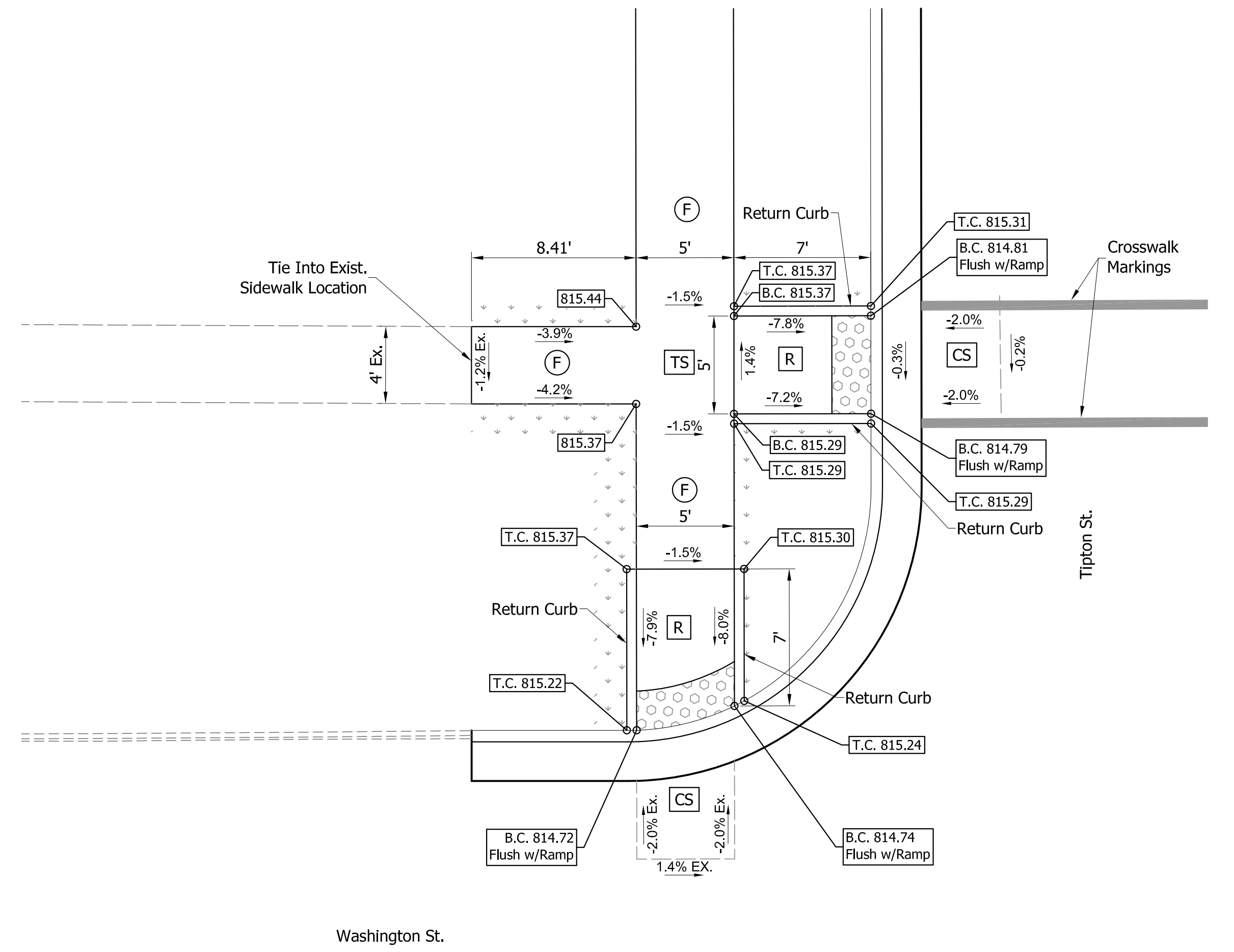
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INDIANA  
DEPARTMENT OF TRANSPORTATION

GRADING PLAN  
DETENTION AREA

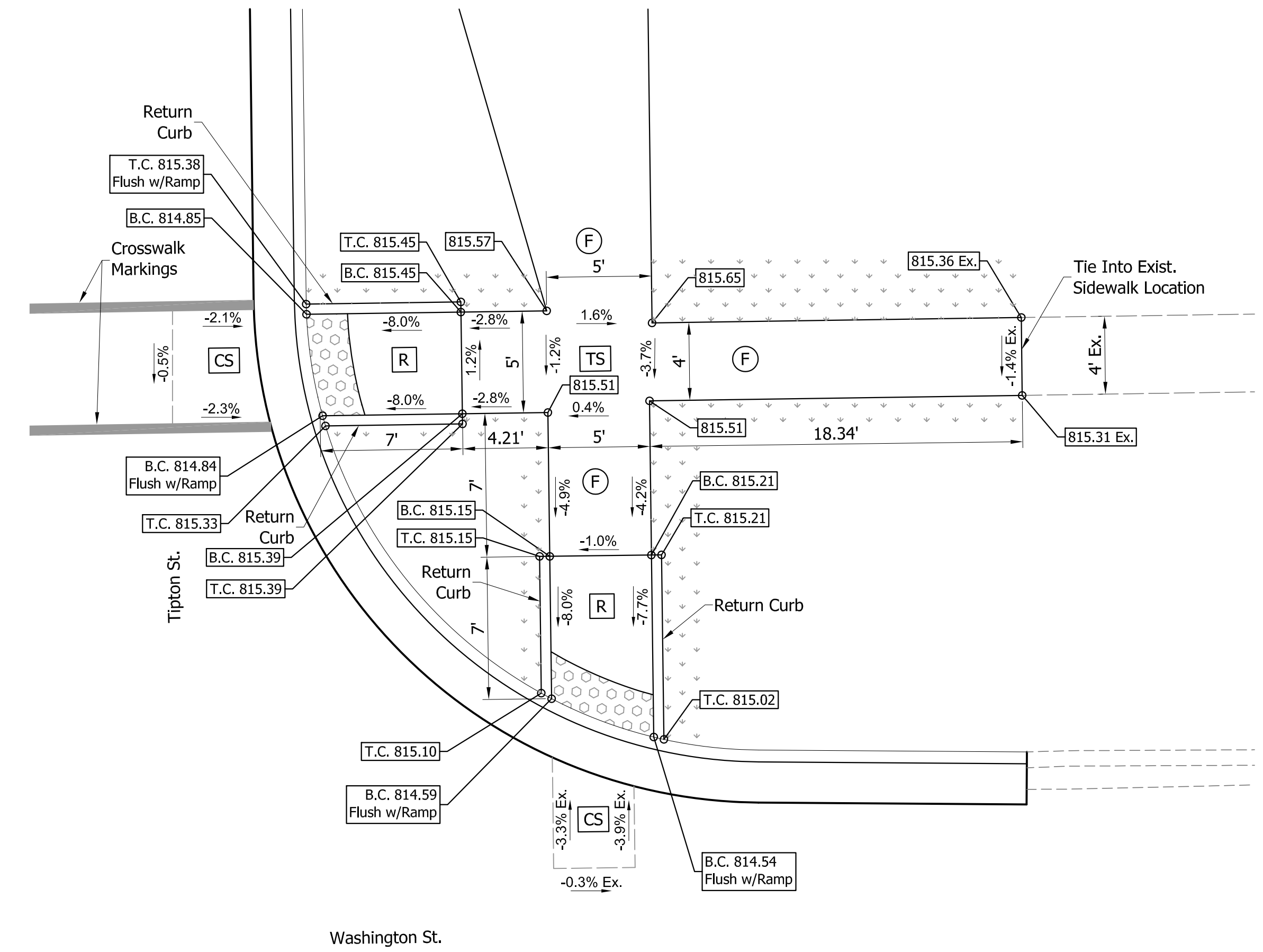
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1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	56 of 128
CONTRACT	PROJECT
B-41844	1801912

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Washington St.

One Way Directional Curb Ramps at  
NW Corner of Washington St. and Tipton St.



Washington St.

One Way Directional Curb Ramps at  
NE Corner of Washington St. and Tipton St.

**LEGEND**

- Buffer or Other Non-Walkable Surface
- Blended Transition
- Ramp
- Detectable Warning Surface
- Turning Space
- Clear Space
- Pedestrian Clear Space
- Flared Side
- Sidewalk Transition
- Sidewalk
- Proposed Slopes or Existing Slopes
- Proposed Elevations or Existing Elevations
- Lengths and Widths of all Elements and other Lengths and Widths for Constructability. (All may not be shown on this detail)
- Ex. Ex. Slope or Elevation
- T.C. Top of Curb
- B.C. Bottom of Curb

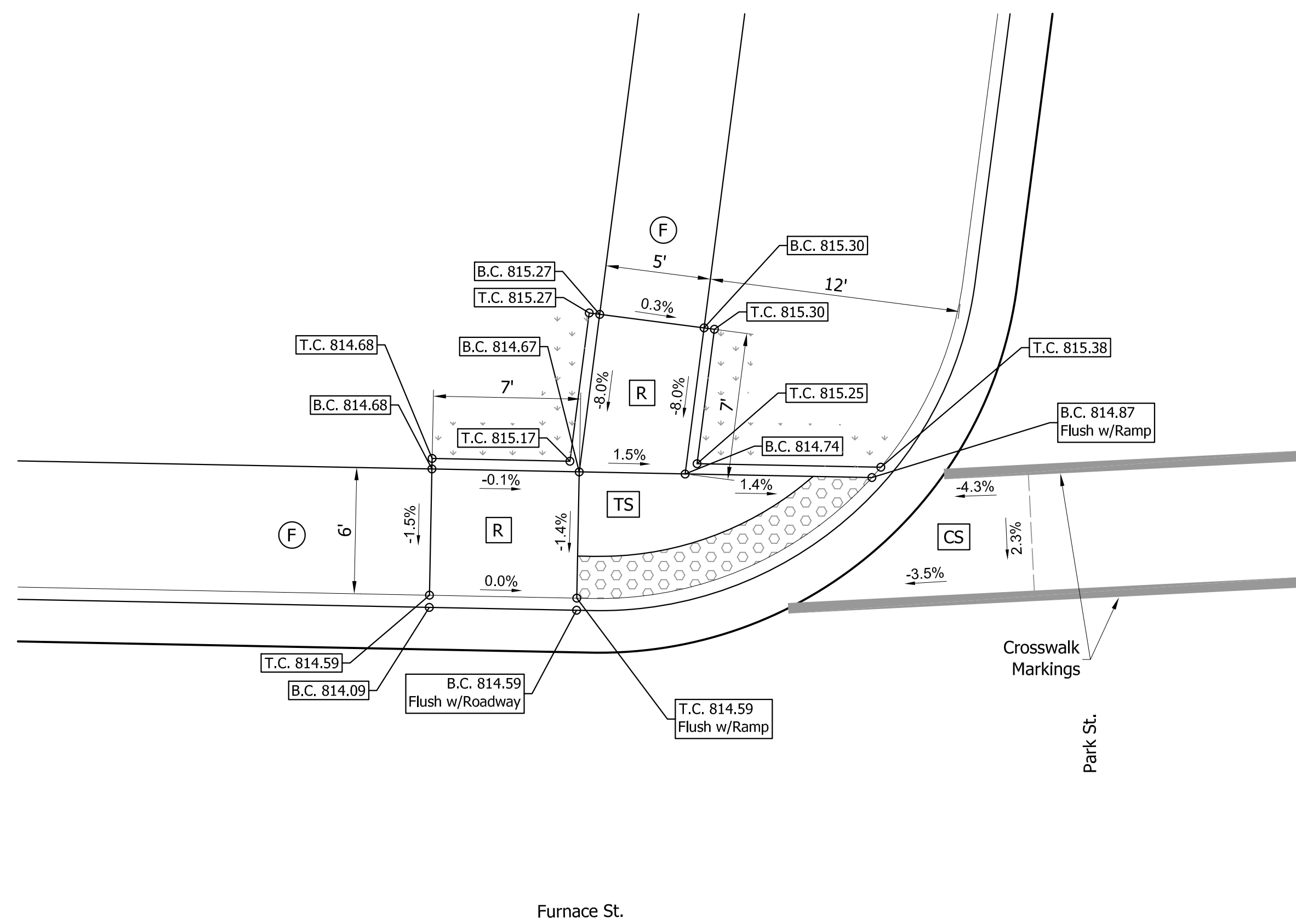
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NOT FOR CONSTRUCTION

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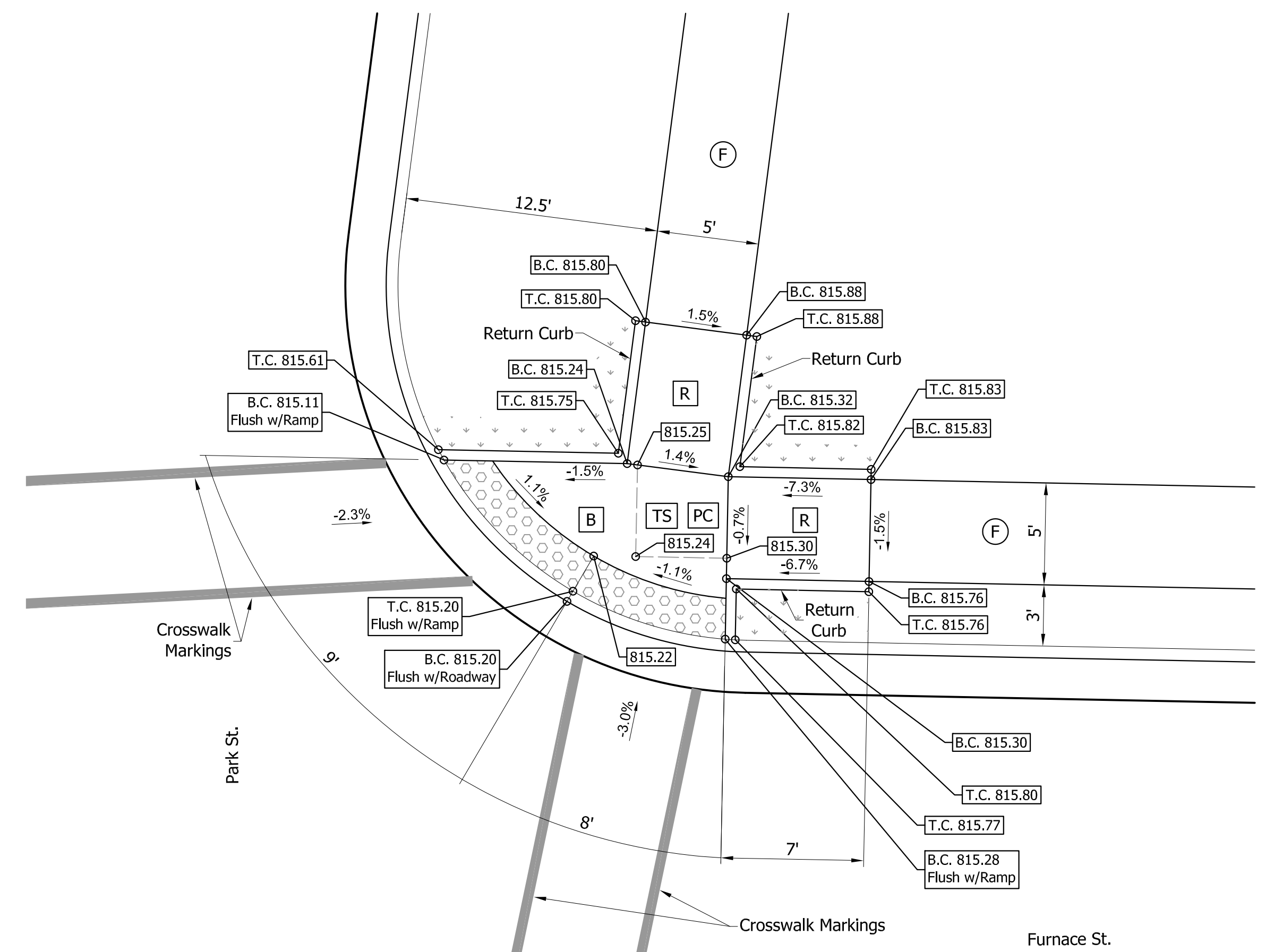
INDIANA DEPARTMENT OF TRANSPORTATION
CURB RAMP DETAILS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	57 of 128
CONTRACT B-41844	PROJECT 1801912

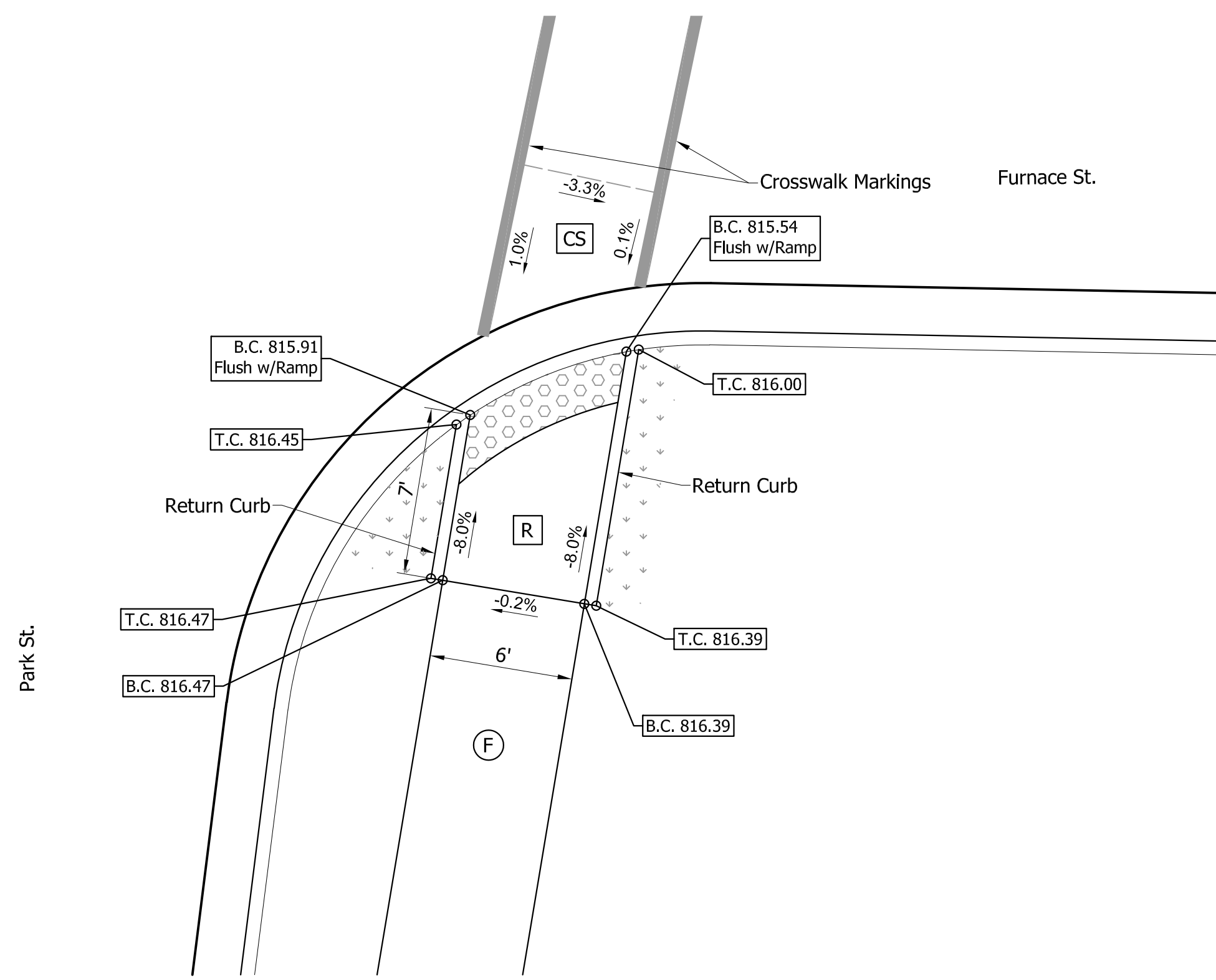
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One Way Directional Curb Ramp at  
NW Corner of Furnace St. and Park St.



Mod. Blended Transition Curb Ramp at  
NE Corner of Furnace St. and Park St.



One Way Directional Curb Ramps at  
SE Corner of Furnace St. and Park St.

**LEGEND**

	Buffer or Other Non-Walkable Surface
	Blended Transition
	Ramp
	Detectable Warning Surface
	Turning Space
	Clear Space
	Pedestrian Clear Space
	Flared Side
	Sidewalk Transition
	Sidewalk
	Proposed Slopes or Existing Slopes
	Proposed Elevations or Existing Elevations
	Lengths and Widths of all Elements and other Lengths and Widths for Constructability. (All may not be shown on this detail)
Ex.	Ex. Slope or Elevation
T.C.	Top of Curb
B.C.	Bottom of Curb

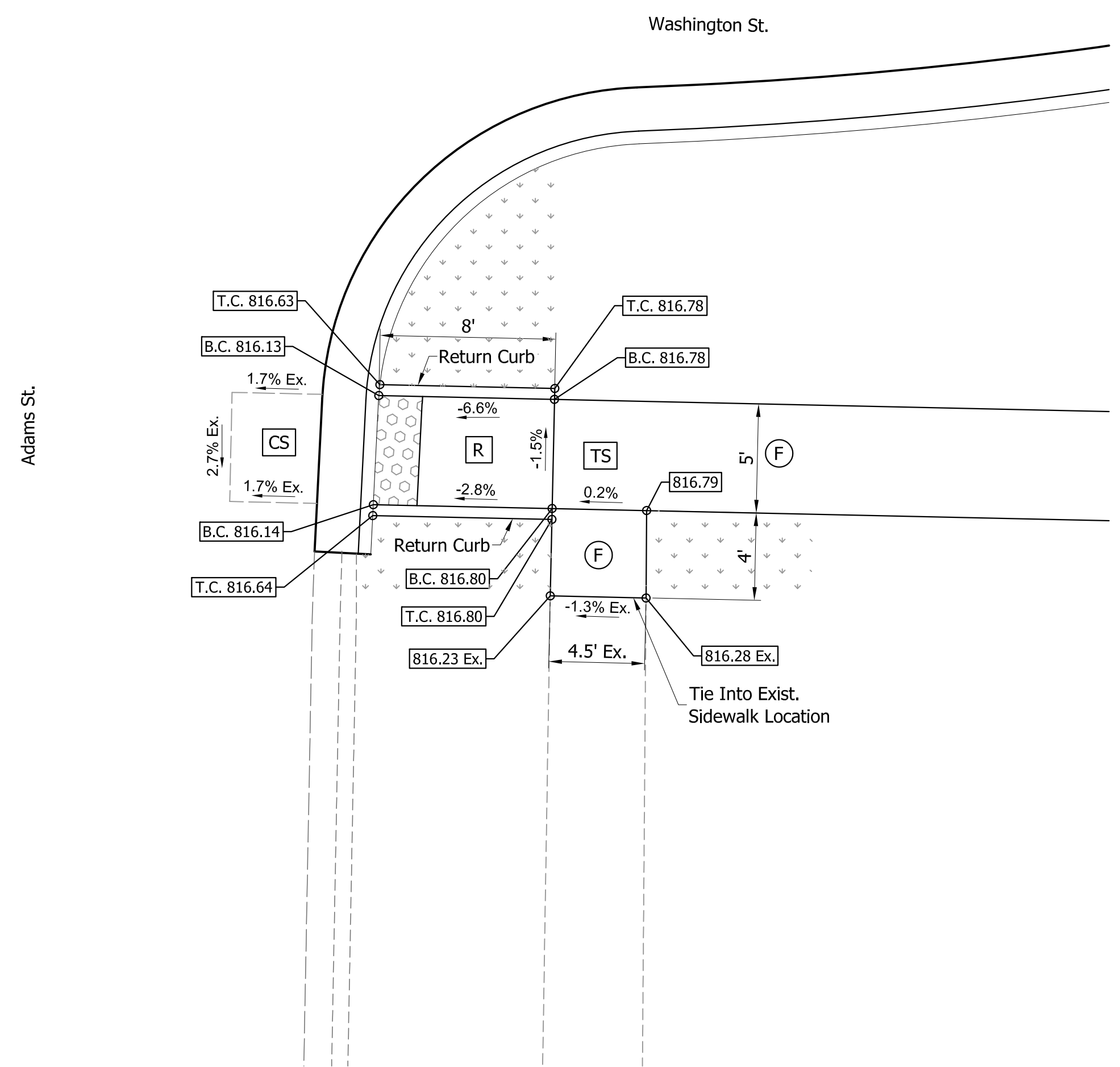
PRELIMINARY PLANS

NOT FOR CONSTRUCTION

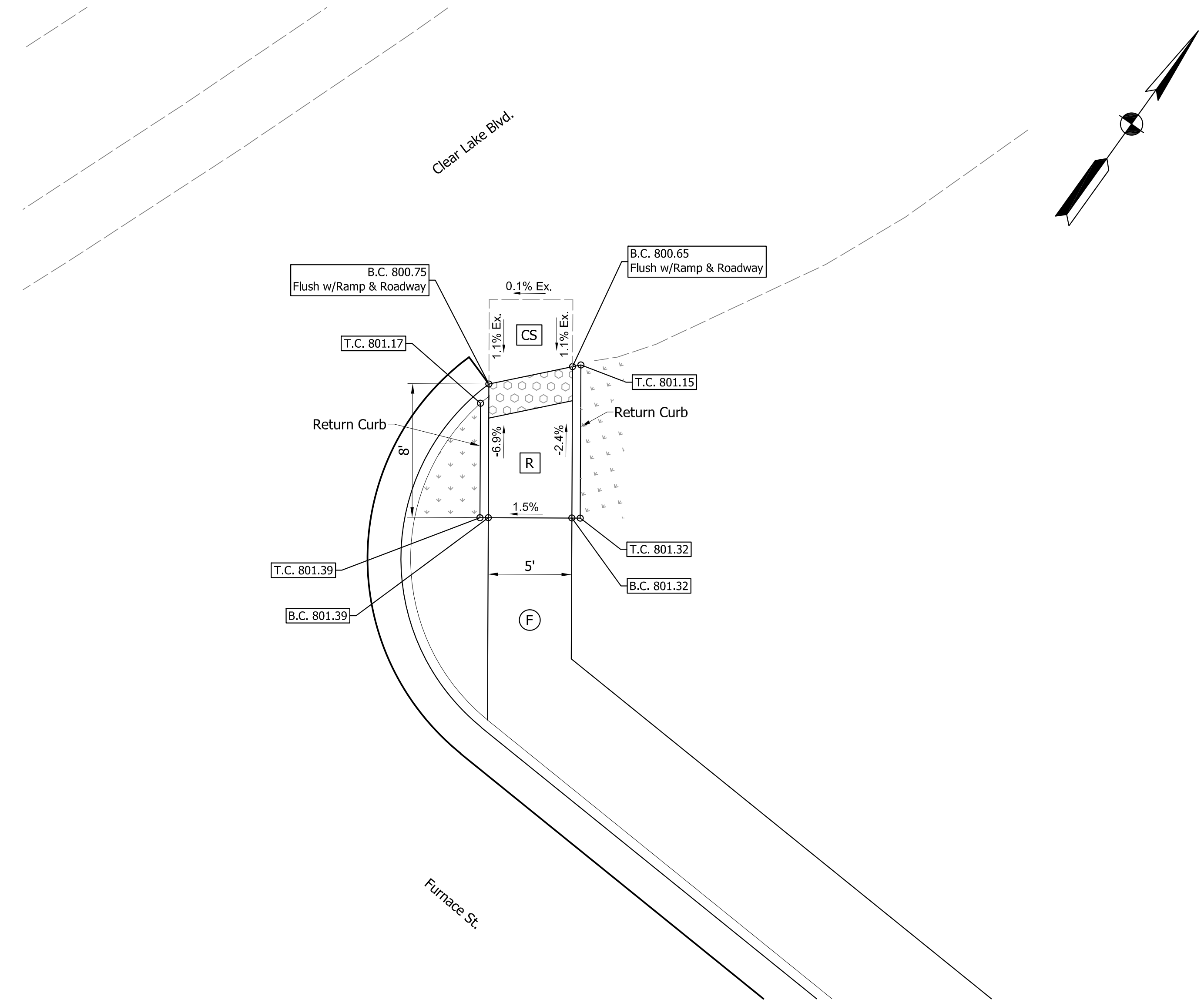
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INDIANA  
DEPARTMENT OF TRANSPORTATION  
CURB RAMP DETAILS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	58 of 128
CONTRACT B-41844	PROJECT 1801912



One Way Directional Curb Ramps at SE Corner of Washington St. and Adams St.



One Way Directional Curb Ramps at NE Corner of Furnace St. Clear Lake Blvd.

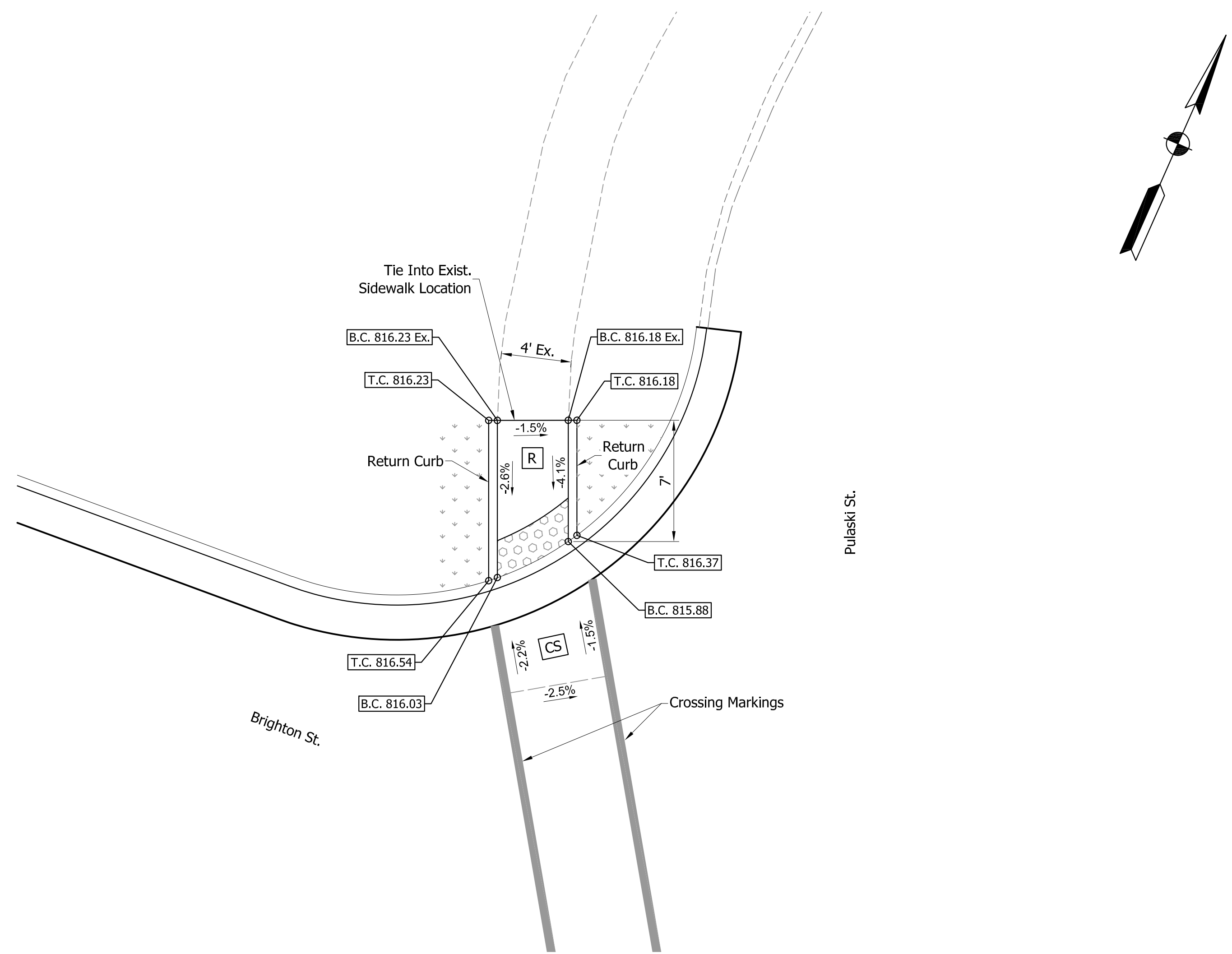
- LEGEND**
- Buffer or Other Non-Walkable Surface
  - Blended Transition
  - Ramp
  - Detectable Warning Surface
  - Turning Space
  - Clear Space
  - Pedestrian Clear Space
  - Flared Side
  - Sidewalk Transition
  - Sidewalk
  - Proposed Slopes or Existing Slopes
  - Proposed Elevations or Existing Elevations
  - Lengths and Widths of all Elements and other Lengths and Widths for Constructability. (All may not be shown on this detail)
  - Ex. Ex. Slope or Elevation
  - T.C. Top of Curb
  - B.C. Bottom of Curb

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

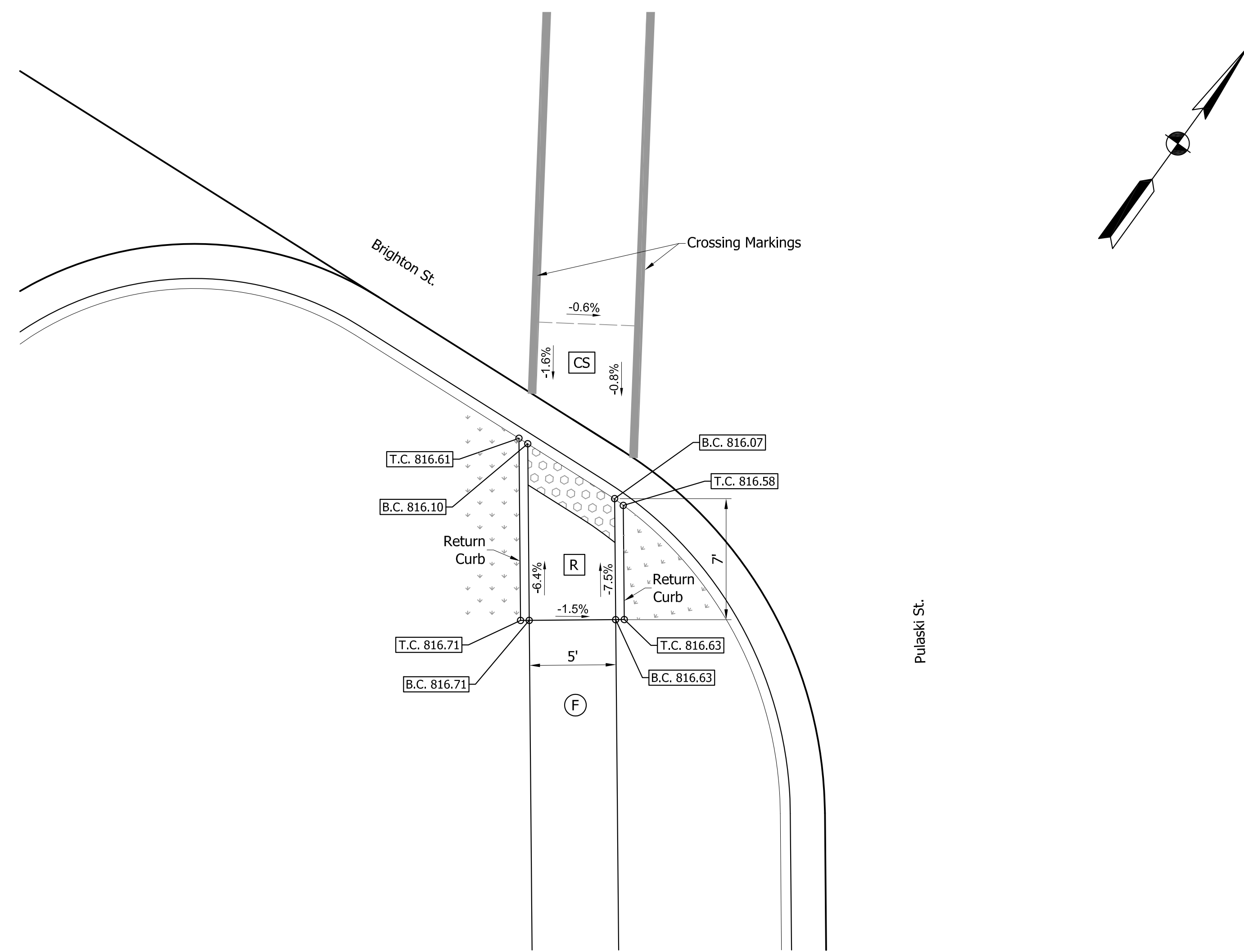
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CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	59 of 128
CONTRACT B-41844	PROJECT 1801912

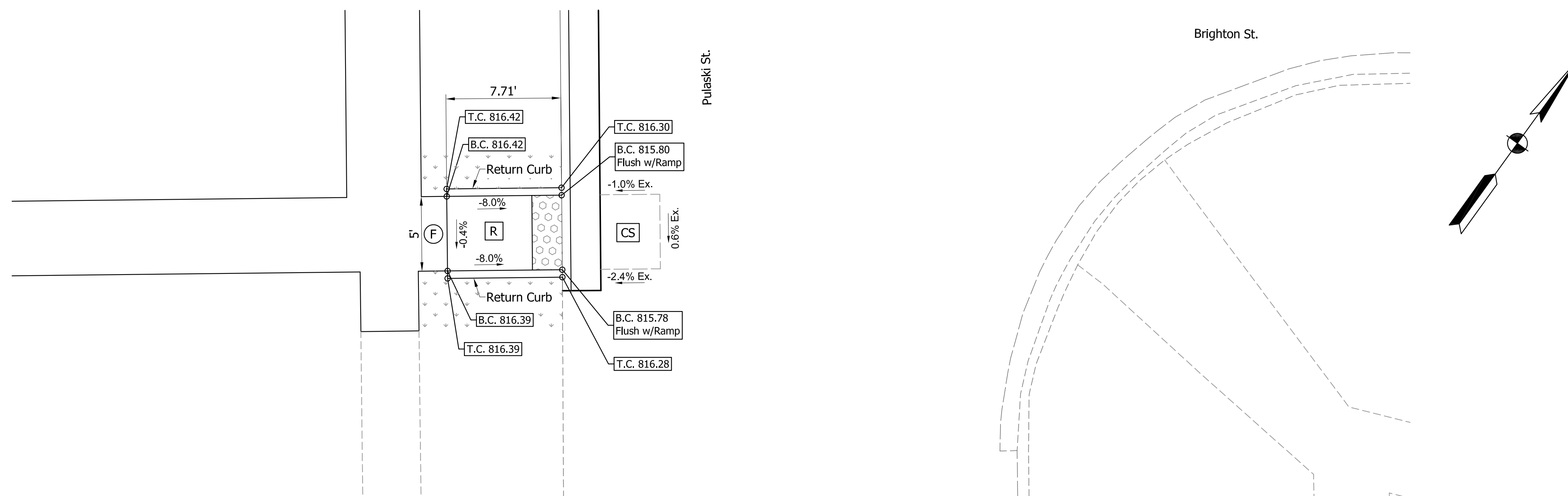
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One Way Directional Curb Ramp at  
NW Corner of Brighton St. and Pulaski St.



One Way Directional Curb Ramp at  
SW Corner of Brighton St. and Pulaski St.



One Way Directional Curb Ramp at  
Midblock of Pulaski St. to SE Corner of Pulaski St.

- LEGEND**
- Buffer or Other Non-Walkable Surface
  - Blended Transition
  - Ramp
  - Detectable Warning Surface
  - Turning Space
  - Clear Space
  - Pedestrian Clear Space
  - Flared Side
  - Sidewalk Transition
  - Sidewalk
  - Proposed Slopes or Existing Slopes
  - Proposed Elevations or Existing Elevations
  - Lengths and Widths of all Elements and other Lengths and Widths for Constructability. (All may not be shown on this detail)
  - Ex. Ex. Slope or Elevation
  - T.C. Top of Curb
  - B.C. Bottom of Curb

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

DESIGNED:	JGP	DRAWN:	JGP
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801912
SURVEY BOOK	SHEETS
	60 of 128
CONTRACT	PROJECT
B-41844	1801912

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50+00

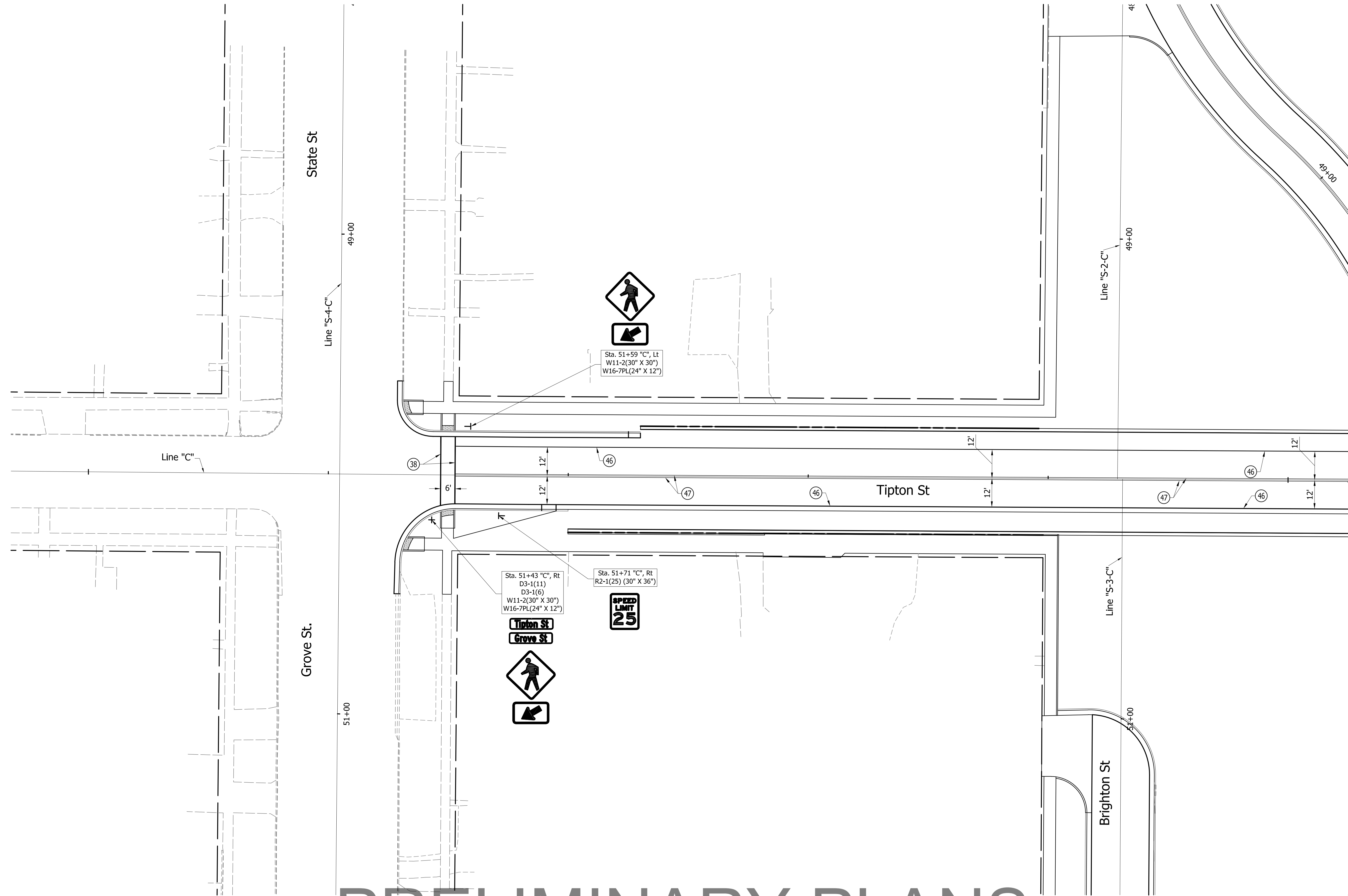
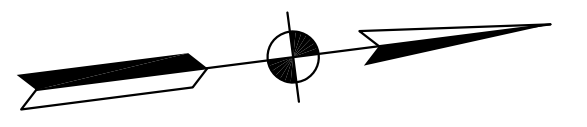
51+00

52+00

53+00

54+00

55+00



PRELIMINARY PLANS

NOT FOR CONSTRUCTION

LEGEND

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Paint, Stop Line, 24"
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"

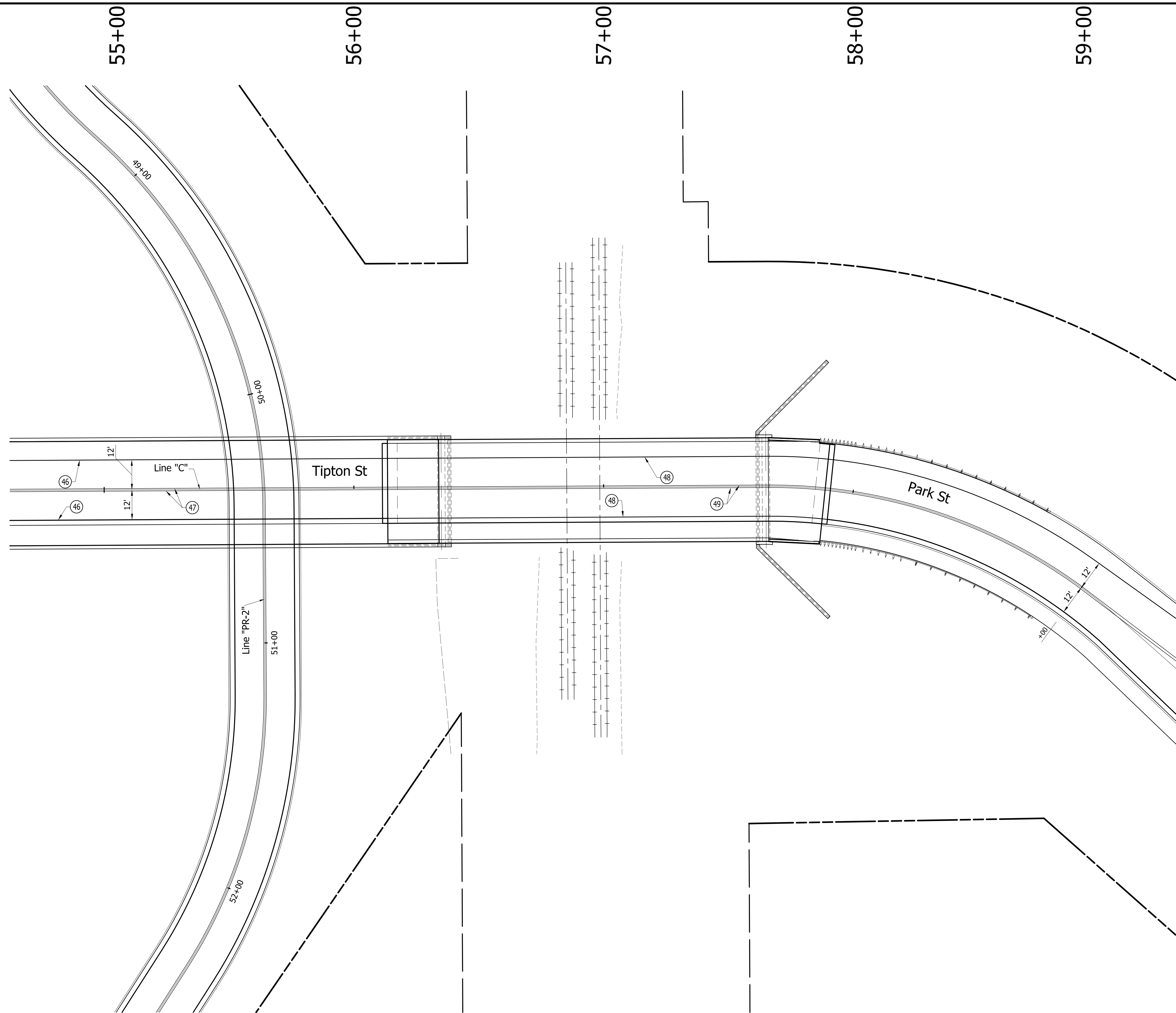
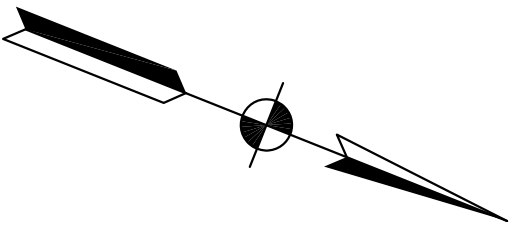
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INDIANA  
DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKINGS AND SIGNS  
TIPTON ST. & PARK ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	61 of
CONTRACT	PROJECT
B-41844	1801912

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

**LEGEND**

- |   |   |   |
|---|---|---|
| (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6" | (46) Line, Thermoplastic, Solid, White, 4"  | (48) Line, Multi-Component, Solid, White, 4"  |
| (39) Transverse Marking, Paint, Stop Line, 24"                    | (47) Line, Thermoplastic, Solid, Yellow, 4" | (49) Line, Multi-Component, Solid, Yellow, 4" |

NOTE: Multi-component markings to be used on concrete pavement

NOT FOR CONSTRUCTION

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKINGS AND SIGNS  
TIPTON ST. & PARK ST.

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	62 of 128 PROJECT 1801912

59+00

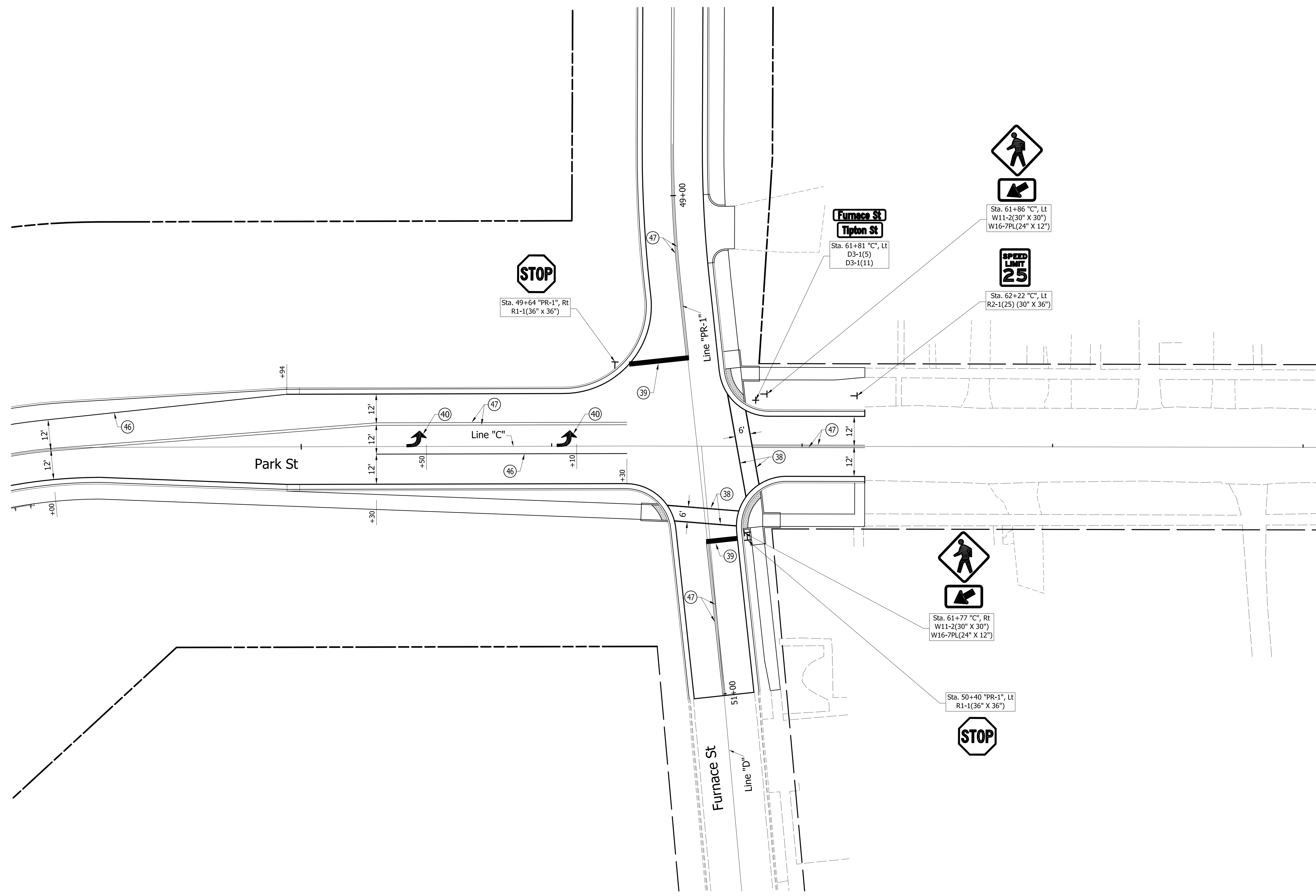
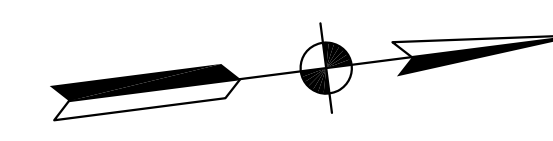
60+00

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63+00

64+00



# PRELIMINARY PLANS

### LEGEND

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Thermoplastic, Stop Line, 24"
- (40) Transverse Marking, Thermoplastic, Left Arrow
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"

NOT FOR CONSTRUCTION

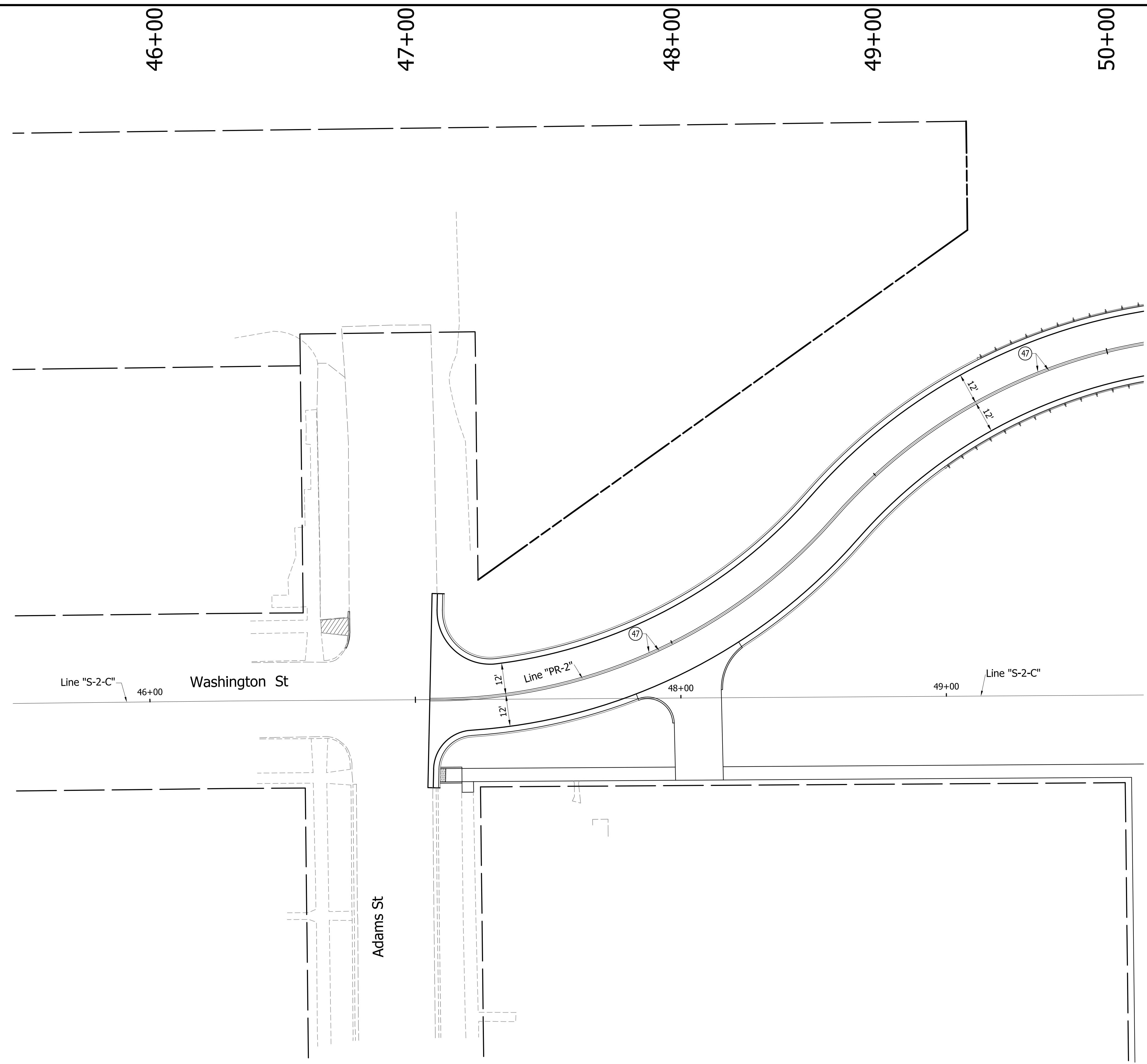
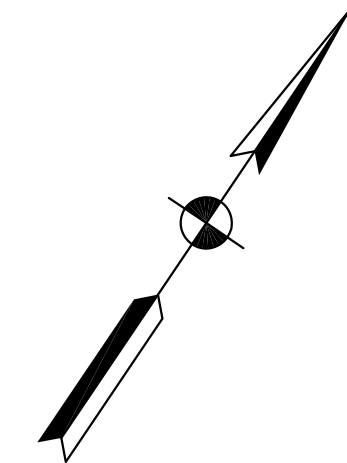
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INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNS  
TIPTON ST. & PARK ST.

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
CONTRACT B-41844	63 of 128 PROJECT 1801912

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PRELIMINARY PLANS

**LEGEND**

- |   |   |
|---|---|
| ③8 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6" | ④6 Line, Thermoplastic, Solid, White, 4"  |
| ③9 Transverse Marking, Thermoplastic, Stop Line, 24"            | ④7 Line, Thermoplastic, Solid, Yellow, 4" |
| ④0 Transverse Marking, Thermoplastic, Left Arrow                |   |

NOT FOR  
CONSTRUCTION

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

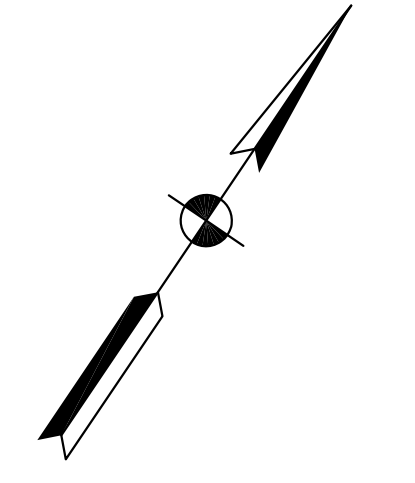
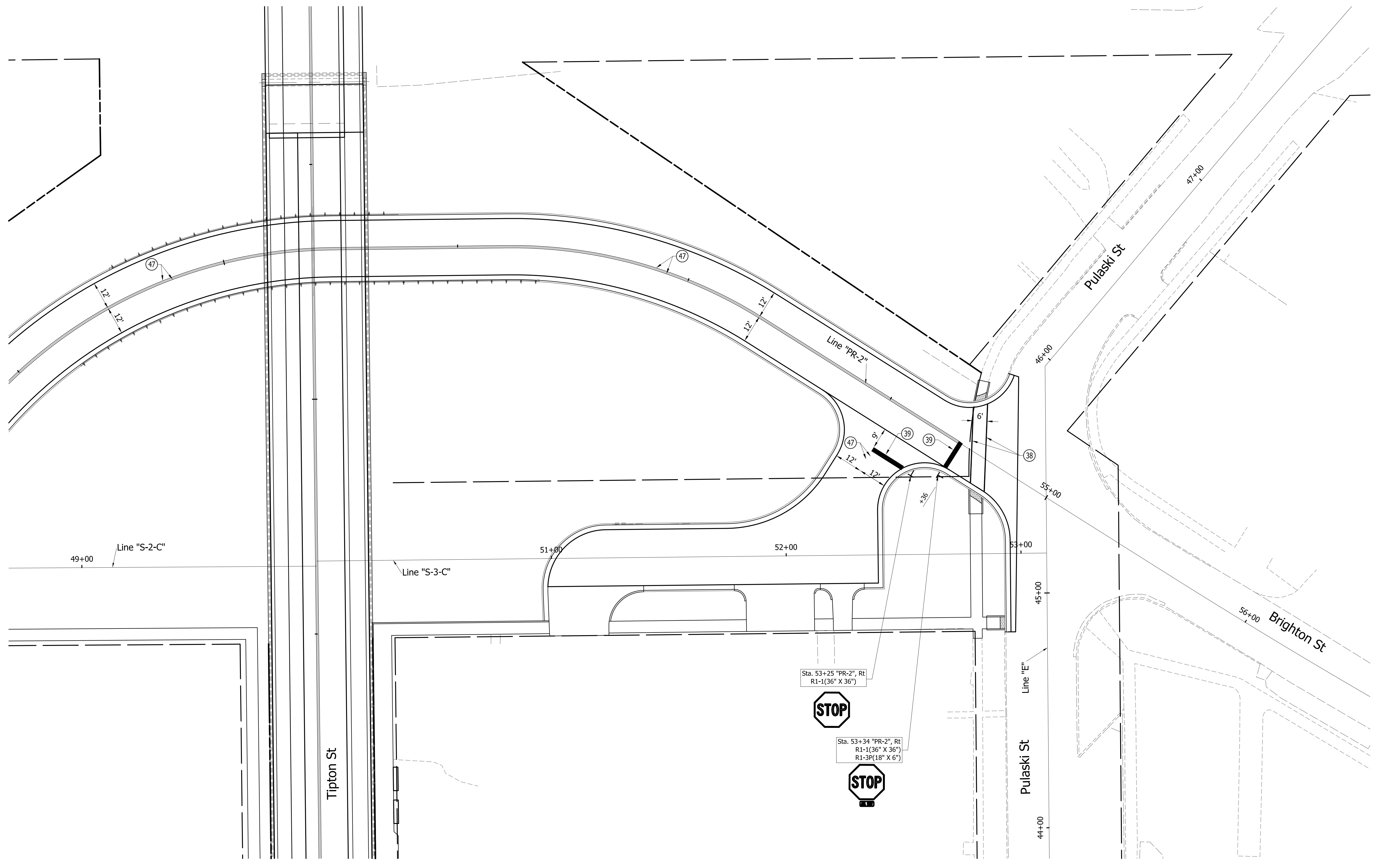
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**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS AND SIGNS**  
**WASHINGTON ST. & BRIGHTON ST.**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1801912
SURVEY BOOK	SHEETS
	64 of 128
CONTRACT B-41844	PROJECT 1801912

NOT FOR CONSTRUCTION

55+00 56+00 57+00 58+00 59+00 59+00



# PRELIMINARY PLANS

**LEGEND**

- Ⓞ Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- Ⓞ Transverse Marking, Thermoplastic, Stop Line, 24"
- Ⓞ Transverse Marking, Thermoplastic, Left Arrow
- Ⓞ Line, Thermoplastic, Solid, White, 4"
- Ⓞ Line, Thermoplastic, Solid, Yellow, 4"

**NOT FOR CONSTRUCTION**

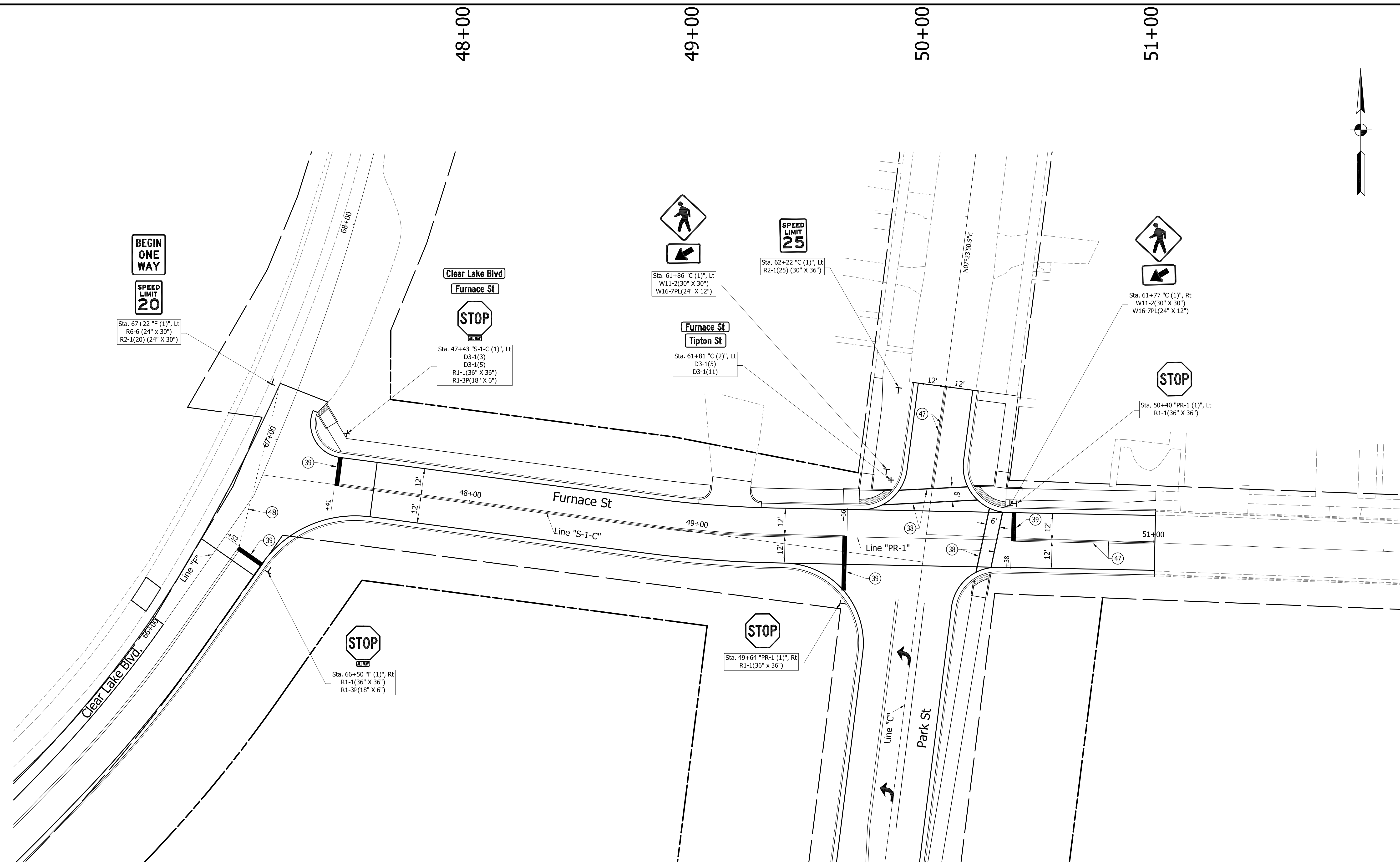
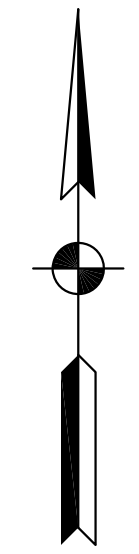
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**INDIANA**  
DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKINGS AND SIGNS**  
WASHINGTON ST. & BRIGHTON ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	65 of 128
CONTRACT	PROJECT
B-41844	1801912

# NOT FOR CONSTRUCTION

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# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

**LEGEND**

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Paint, Stop Line, 24"
- (40) Transverse Marking, Thermoplastic, Left Arrow
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"
- (48) Line, Thermoplastic, Dotted, White, 4"

DESIGNED: PEC  
 CHECKED: GRW  
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 CHECKED: GRW

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKINGS AND SIGNS  
 FURNACE ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	66 of 128
CONTRACT	PROJECT
B-41844	1801912

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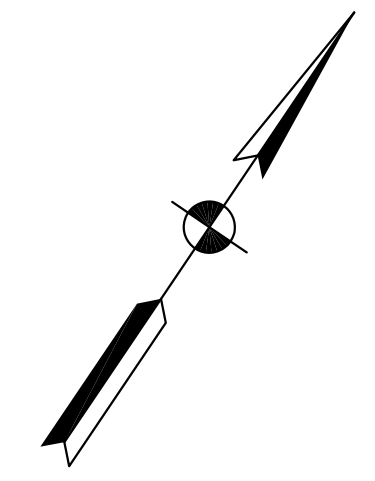
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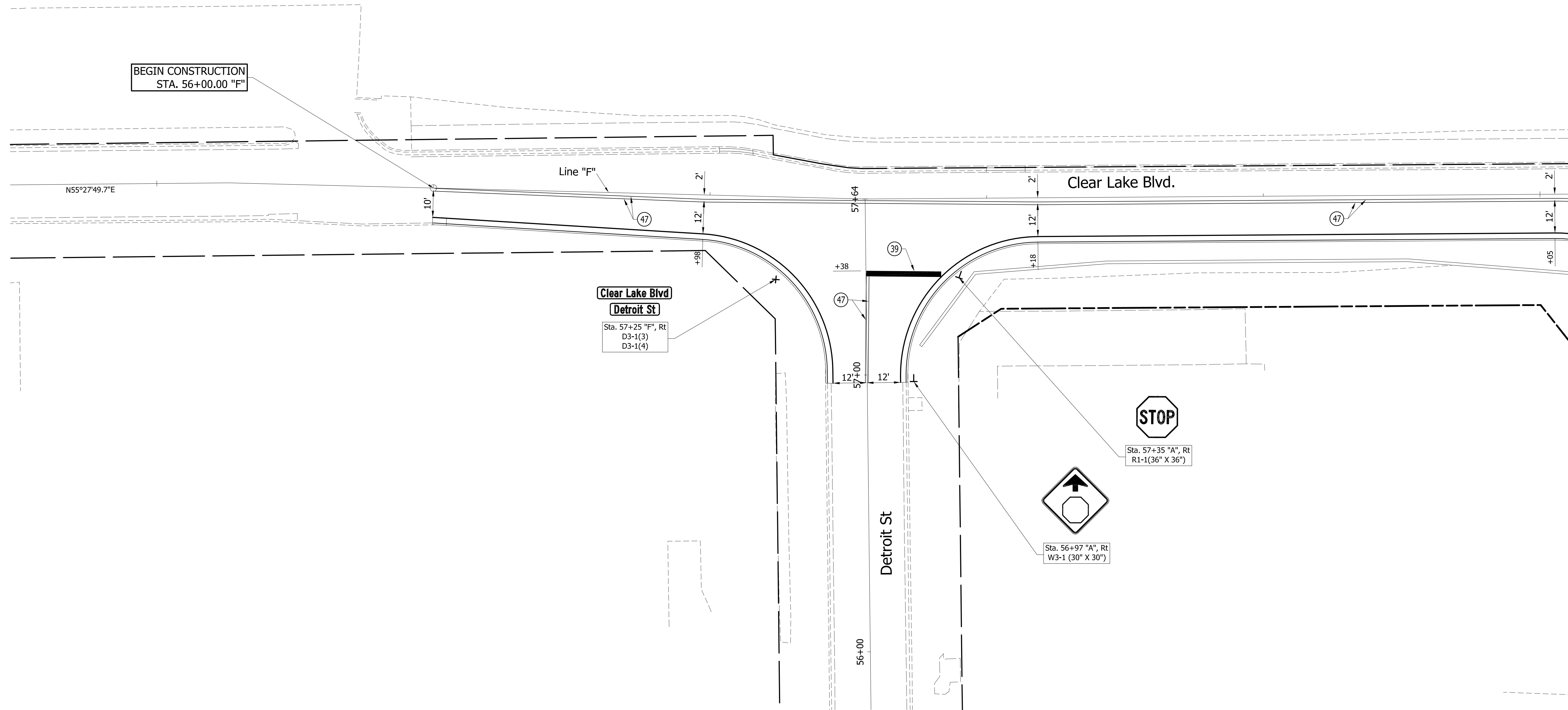
58+00

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Clear Lake



# PRELIMINARY PLANS

# NOT FOR CONSTRUCTION

**LEGEND**

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Paint, Stop Line, 24"
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"

NOT FOR CONSTRUCTION

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNS  
CLEAR LAKE BLVD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	67 of 128
CONTRACT	PROJECT
B-41844	1801912

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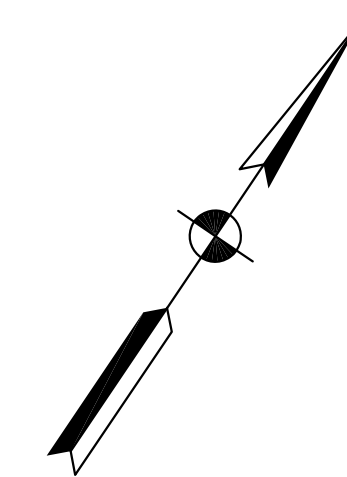
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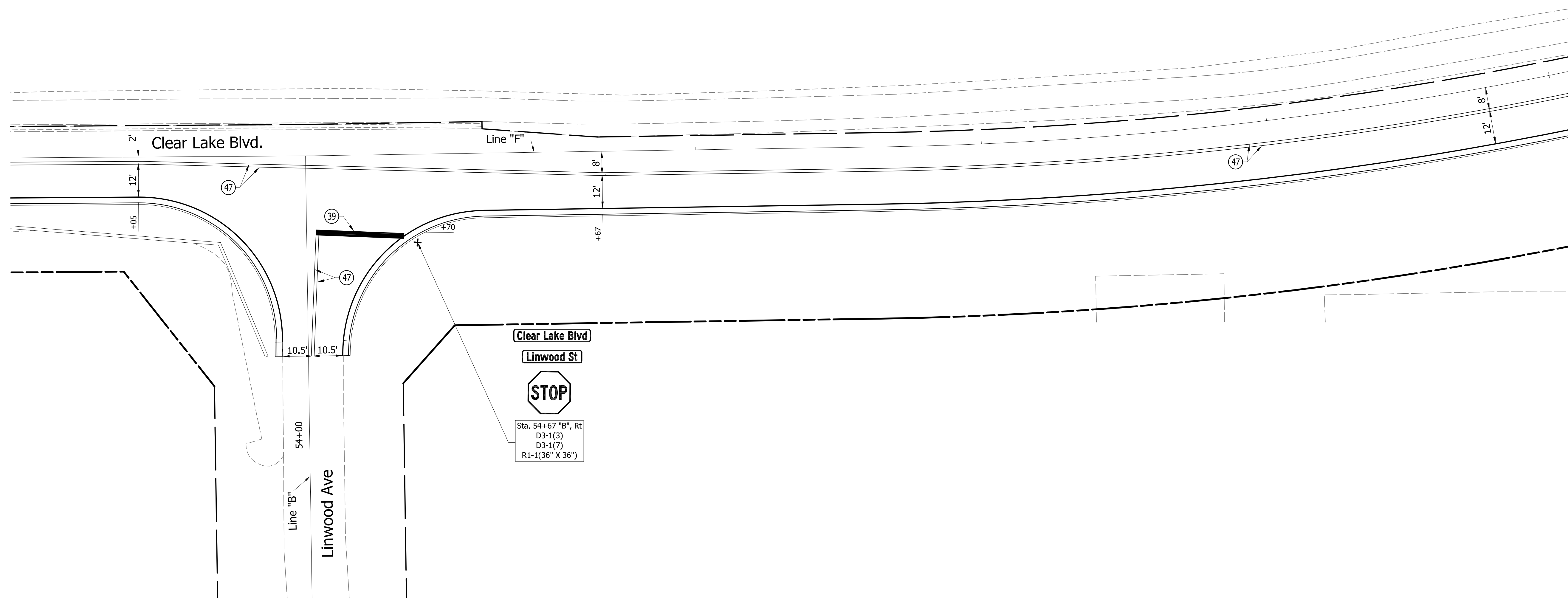
63+00

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65+00



Clear Lake



PRELIMINARY PLANS

LEGEND

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Paint, Stop Line, 24"
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"

NOT FOR CONSTRUCTION

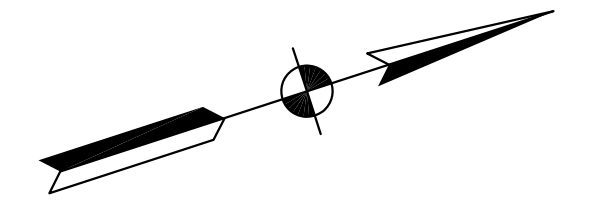
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INDIANA  
DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKINGS AND SIGNS  
CLEAR LAKE BLVD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	68 of 128
CONTRACT	PROJECT
B-41844	1801912

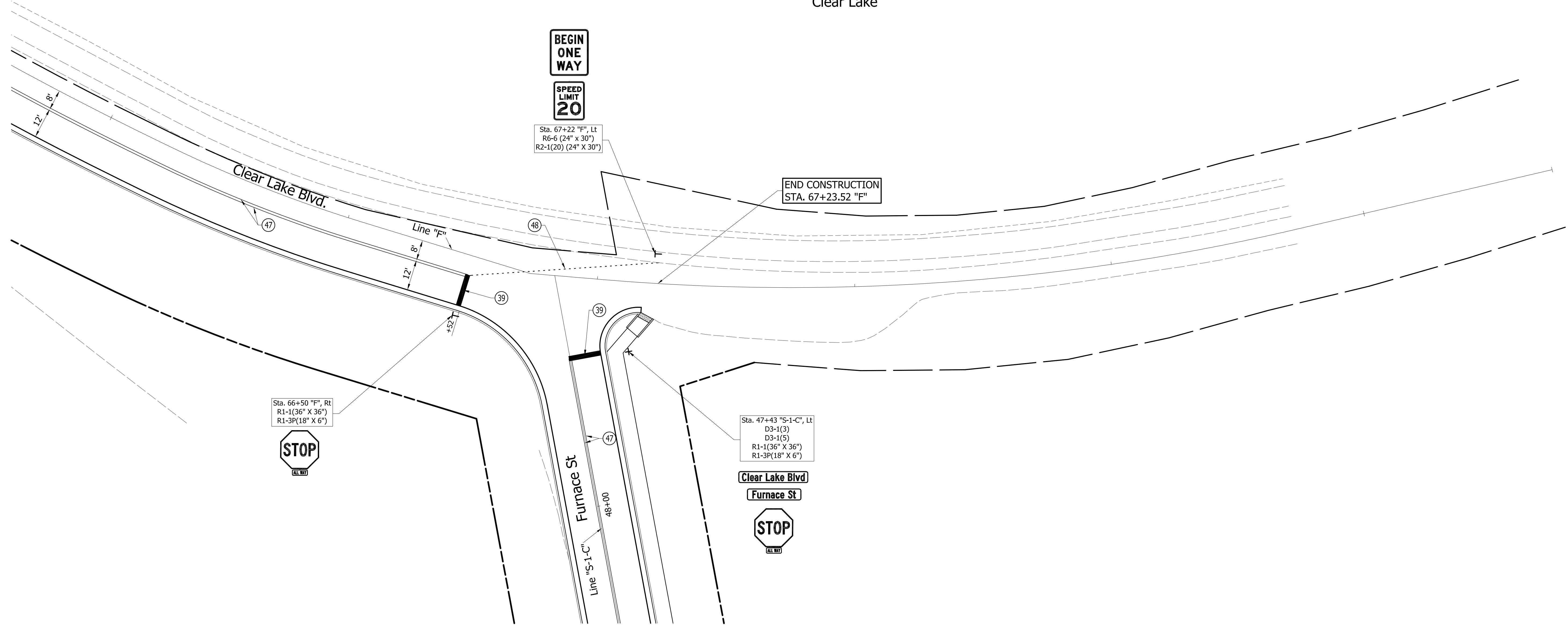
NOT FOR CONSTRUCTION

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65+00                      66+00                      67+00                      68+00                      69+00

Clear Lake



Sta. 66+50 "F", Rt  
R1-1(36" X 36")  
R1-3P(18" X 6")



Sta. 67+22 "F", Lt  
R6-6 (24" X 30")  
R2-1(20) (24" X 30")



END CONSTRUCTION  
STA. 67+23.52 "F"

Sta. 47+43 "S-1-C", Lt  
D3-1(3)  
D3-1(5)  
R1-1(36" X 36")  
R1-3P(18" X 6")

Clear Lake Blvd  
Furnace St



PRELIMINARY PLANS

LEGEND

- (38) Transverse Marking, Thermoplastic, Crosswalk Line, White, 6"
- (39) Transverse Marking, Paint, Stop Line, 24"
- (46) Line, Thermoplastic, Solid, White, 4"
- (47) Line, Thermoplastic, Solid, Yellow, 4"
- (48) Line, Thermoplastic, Dotted, White, 4"

NOT FOR CONSTRUCTION

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKINGS AND SIGNS  
CLEAR LAKE BLVD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1801912
SURVEY BOOK	SHEETS
	69 of 128
CONTRACT	PROJECT
B-41844	1801912

NOT FOR CONSTRUCTION

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