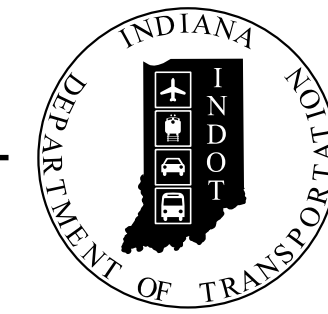


PROJECT	DESIGNATION
1800371	1800371
CONTRACT	
R-42414	

# INDIANA DEPARTMENT OF TRANSPORTATION



## ROAD PLANS

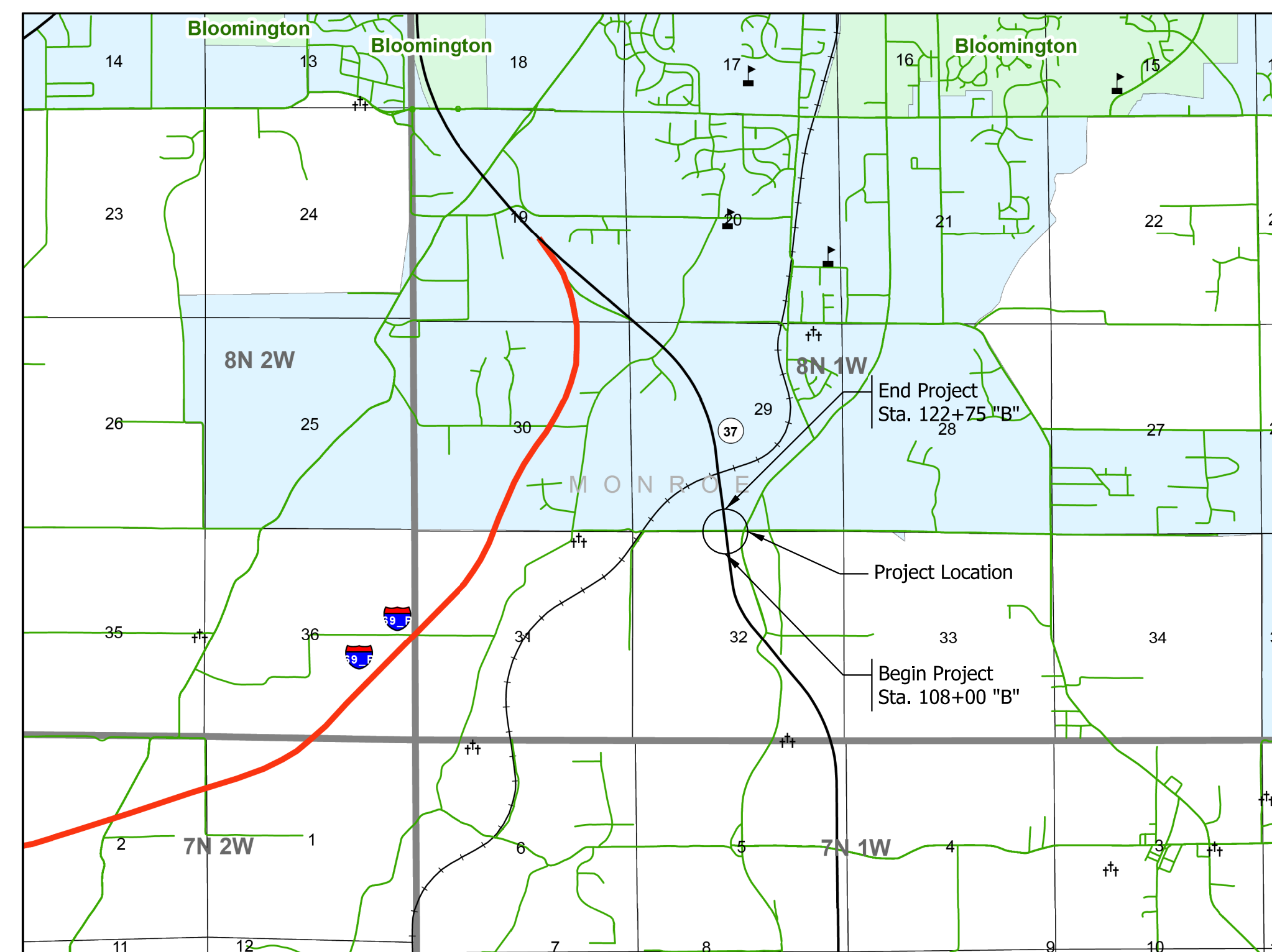
ROUTE: SR 37 FROM: RP 95+16 TO: RP 95+16  
 PROJECT NO. 180027300ST5 P.E.

NO ADDITIONAL RIGHT OF WAY  
 REQUIRED FOR THIS PROJECT

R/W

180027300ST5 CONST.

Intersection Improvement with Added Turn Lanes on SR 37  
 Located at intersection of Dillman Road in Bloomington  
 Section 29 & 32, T-8-N, R-1-W, Perry Township, Monroe County, Indiana



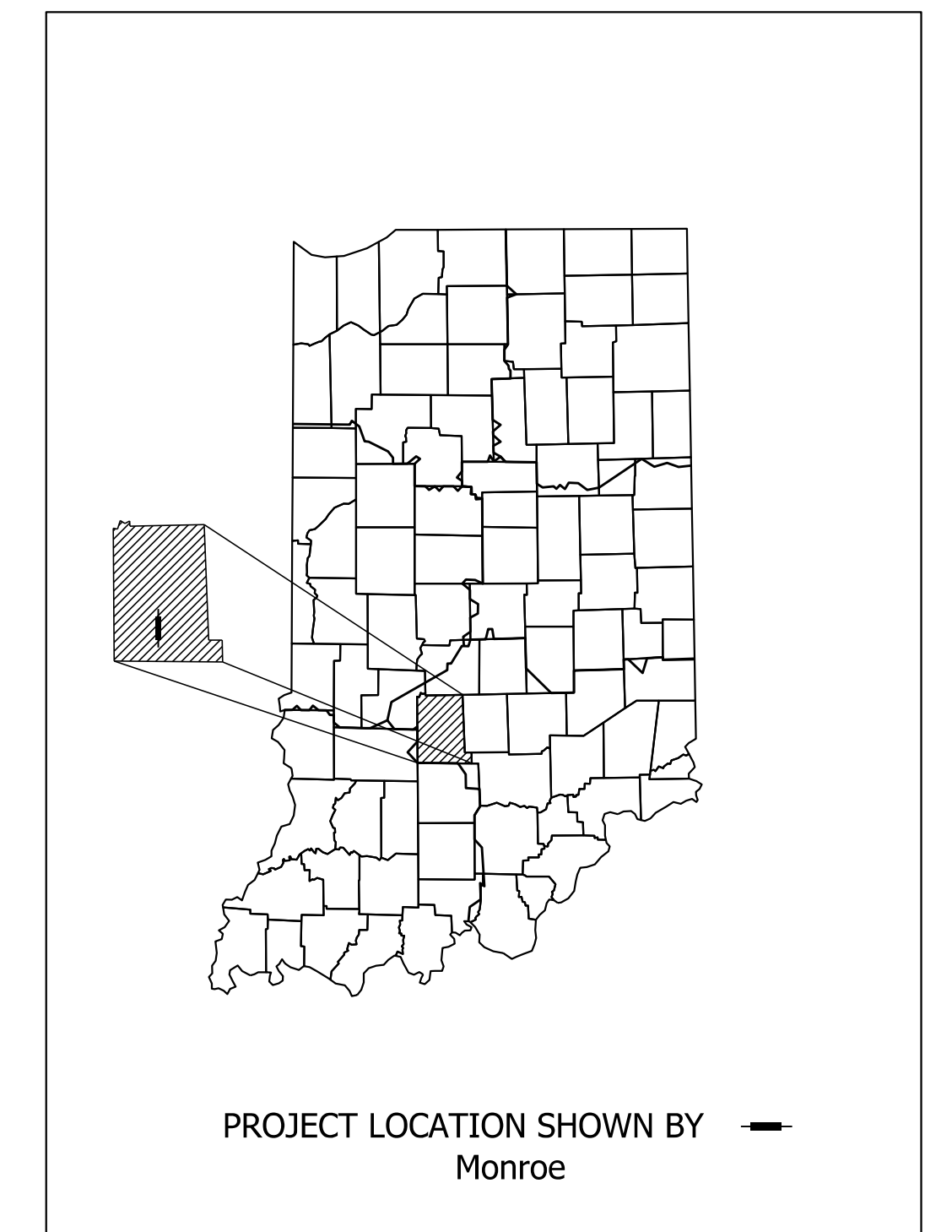
SCALE: 1" = 3,000'

TRAFFIC DATA - SR 37		
A.A.D.T.	(2024)	24,595 V.P.D.
A.A.D.T.	(2044)	33,294 V.P.D.
D.H.V	(2044)	2,548 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %
TRUCKS		9.07 % A.A.D.T. 3.77 % D.H.V.

DESIGN DATA	
DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL

TRAFFIC DATA - W DILLMAN RD		
A.A.D.T.	(2024)	1789 V.P.D.
A.A.D.T.	(2044)	1789 V.P.D.
D.H.V	(2044)	156 V.P.H.
DIRECTIONAL DISTRIBUTION		36 %
TRUCKS		11.41 % A.A.D.T. 2.56 % D.H.V.

DESIGN DATA	
DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



LATITUDE: N 39°05'34" LONGITUDE: W 86°32'44"

GROSS LENGTH: 0.28 MI.  
 NET LENGTH: 0.28 MI.  
 MAX. GRADE: 1.21 %

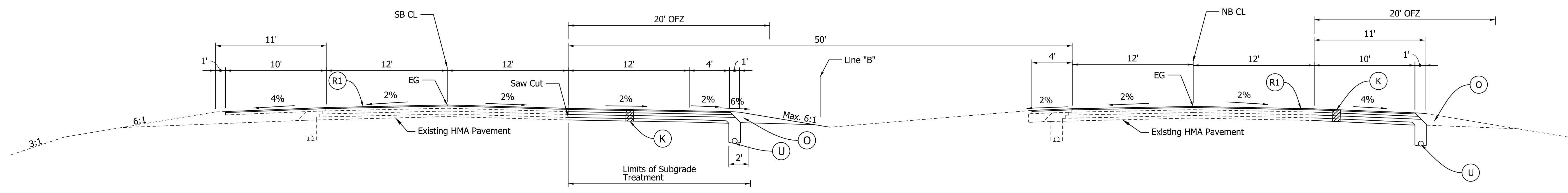
INDIANA DEPARTMENT OF TRANSPORTATION  
 STANDARD SPECIFICATIONS DATED 2022  
 TO BE USED WITH THESE PLANS

PLANS PREPARED BY: \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_  
\*THIS AREA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT\*  
 CERTIFIED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
 RECOMMENDED FOR LETTING: \_\_\_\_\_ DATE \_\_\_\_\_  
 INDIANA DEPARTMENT OF TRANSPORTATION

DESIGNATION	
1800371	
SHEETS	
1	of 51
CONTRACT	PROJECT
R-42414	1800371

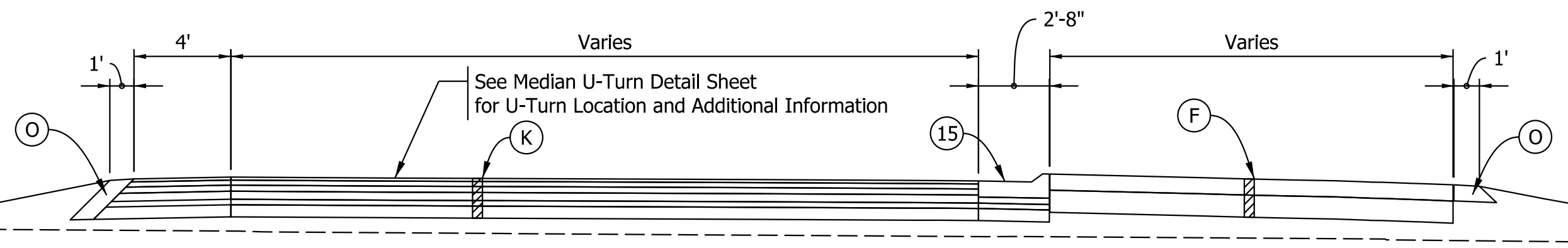
Plot: 4/14/2022 8:56 PM





**SOUTHBOUND ADDED INSIDE TURN LANE AND SHOULDER REPLACEMENT**

Scale: 3/16"=1'-0"  
 Sta. 108+75 "B" to Sta. 114+50 "B" - SB SR 37 Lt-Turn Lane and J-Turn Lane  
 Sta. 108+25 to Sta. 110+75 "B" - NB Shoulder Replacement



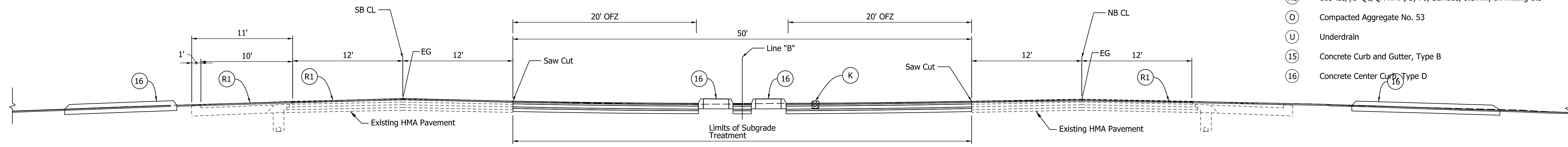
**SOUTHBOUND U-TURN SECTION**

Scale: 1"=5'  
 Sta. 108+50 to Sta. 109+50

\* Note: Pavement Design is assumed at this time

**LEGEND**

- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars  
D-1 Joints spaced no more than 15 feet, on  
10 inches of Compacted Aggregate, No. 53, on  
Subgrade Treatment Type IC
- (K) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on  
275 lbs/yd' QC/QA HMA, 3, 70, Intermediate, 19.0mm, on  
330 lbs/yd' QC/QA HMA, 3, 64, Base, 19.0mm, on  
400 lbs/yd' QC/QA HMA, 4, 76, Base OG, 19.0mm, on  
4 in of Compacted Aggregate No. 53, on  
Subgrade Treatment Type IC
- (R1) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
- (O) Compacted Aggregate No. 53
- (U) Underdrain
- (15) Concrete Curb and Gutter, Type B
- (16) Concrete Center Curb, Type D



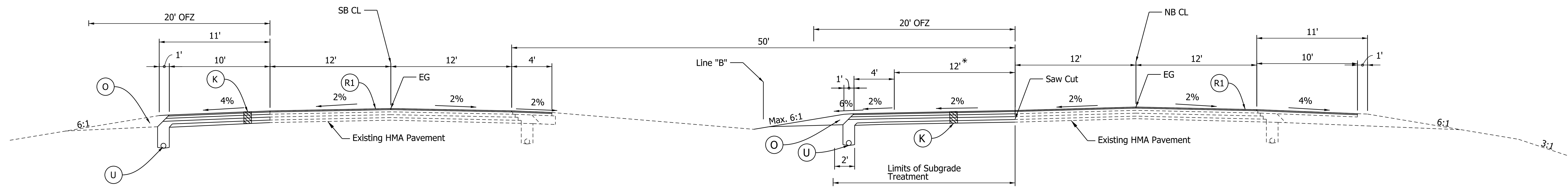
**MEDIAN U-TURN AREA**

Scale: 3/16"=1'-0"  
 Sta. 114+15 "B" to Sta. 116+00 "B"  
 (Shown at 115+10)

Note: Underdrain locations are estimated at this time

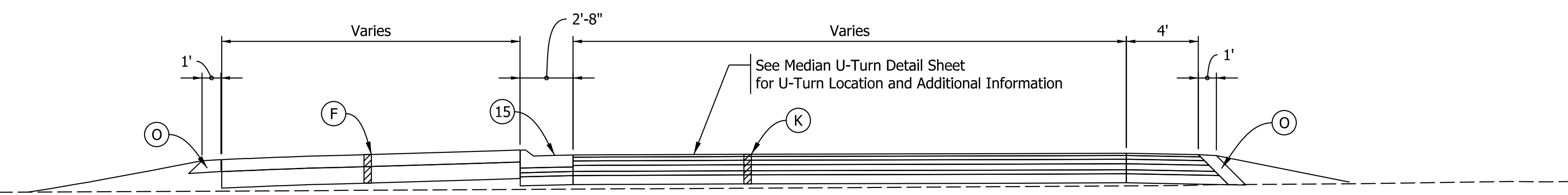
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MRS _____ MAR 2021 DRAWN: MRS _____ MAR 2021 CHECKED: AKB _____ April 2022 CHECKED: AKB _____ April 2022	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE AS NOTED	BRIDGE FILE
	TYPICAL SECTIONS		DESIGNATION 1800371	
			SHEETS 3 of 51	
			CONTRACT R-42414	PROJECT 1800371

Plot: 4/14/2022 8:56 PM



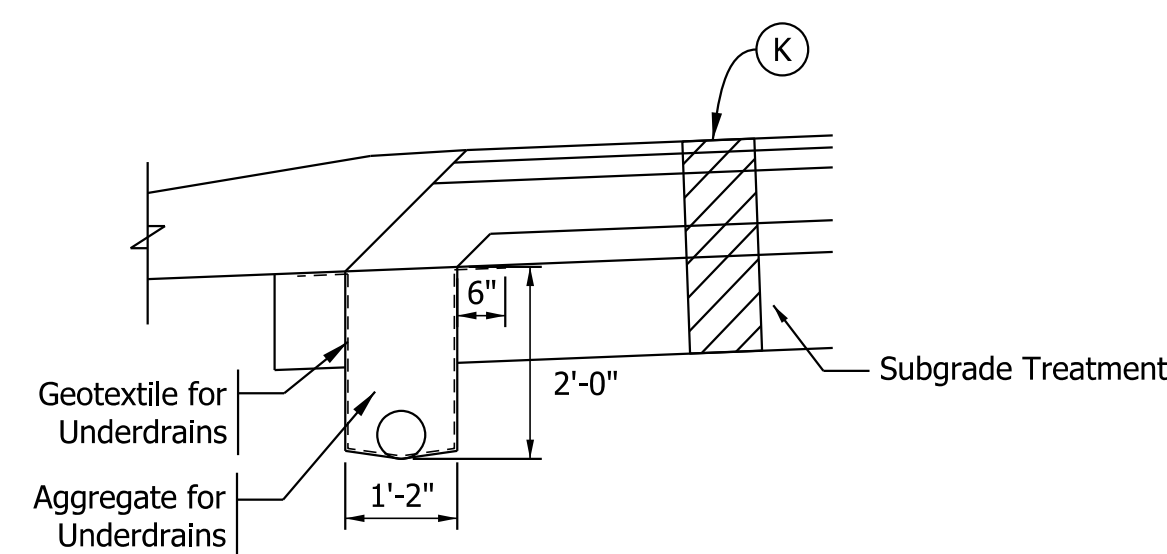
**NORTHBOUND ADDED INSIDE TURN LANE AND SHOULDER REPLACEMENT**

Scale: 3/16"=1'-0"  
 Sta. 115+75 "B" to Sta. 122+47 "B" - NB SR 37 Lt-Turn Lane and J-Turn Lane  
 Sta. 120+19 to Sta. 122+69 "B" - SB Shoulder Replacement



**NORTHBOUND U-TURN SECTION**

Scale: 1"=5'  
 Sta. 121+60 to Sta. 122+50



**U UNDERDRAIN DETAIL**

Scale: 1/2"=1'-0"  
 Underdrain installation shall be done prior to subgrade treatment installation.

\* Note: Pavement Design is assumed at this time

**LEGEND**

- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars  
D-1 Joints spaced no more than 15 feet, on 10 inches of Compacted Aggregate, No. 53, on Subgrade Treatment Type IC
- (K) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on 275 lbs/yd' QC/QA HMA, 3, 70, Intermediate, 19.0mm, on 330 lbs/yd' QC/QA HMA, 3, 64, Base, 19.0mm, on 400 lbs/yd' QC/QA HMA, 4, 76, Base OG, 19.0mm, on 4 in of Compacted Aggregate No. 53, on Subgrade Treatment Type IC
- (R1) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
- (O) Compacted Aggregate No. 53
- (U) Underdrain
- (15) Concrete Curb and Gutter, Type B
- (16) Concrete Center Curb, Type D

Plot: 4/14/2022 8:57 PM

Note: Underdrain locations are estimated at this time

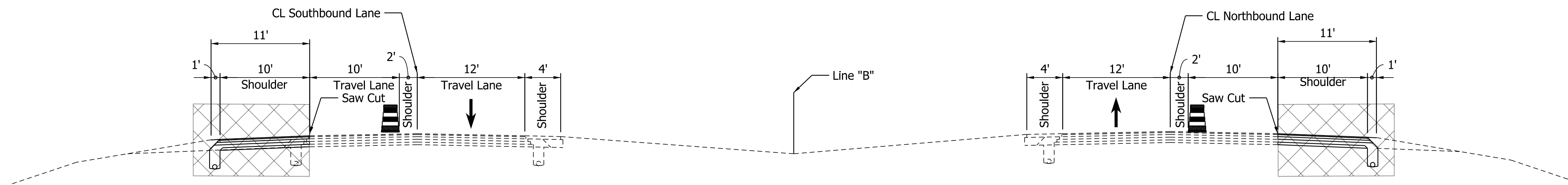
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	MAR 2021	DRAWN: MRS
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

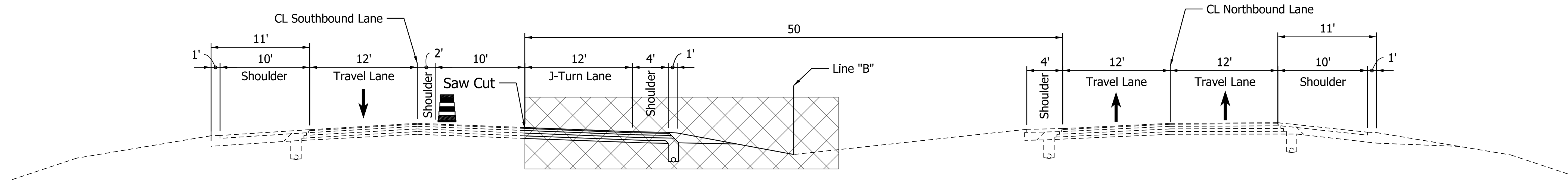
TYPICAL SECTIONS

Page 2 of 2

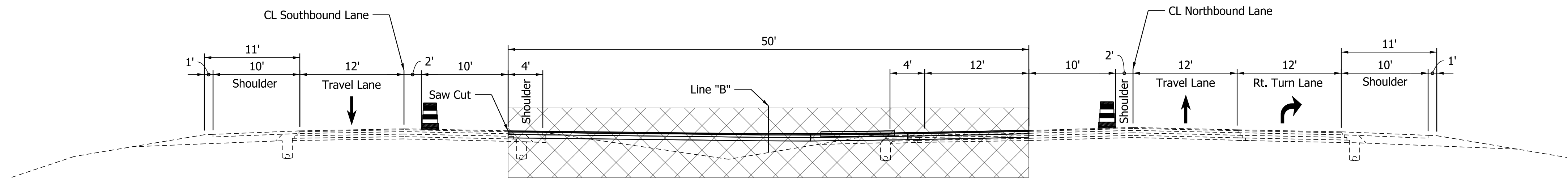
SCALE	BRIDGE FILE
AS NOTED	DESIGNATION
	1800371
	SHEETS
	4 of 51
CONTRACT	PROJECT
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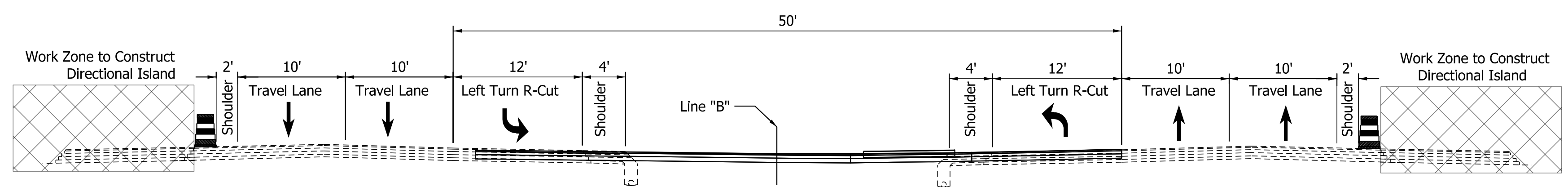
**PHASE 1 TYPICAL SECTION**  
 Scale: 1/8" = 1'  
 Section Shown at Sta. 109+00 "B" Southbound  
 Section Shown at Sta. 122+00 "B" Northbound



**PHASE 2 TYPICAL SECTION**  
 Scale: 1/8" = 1'  
 Section Shown at Sta. 110+00 "B"



**PHASE 3 TYPICAL SECTION**  
 Scale: 1/8" = 1'  
 Section Shown at Sta. 114+50 "B"



**PHASE 4 TYPICAL SECTION**  
 Scale: 1/8" = 1'  
 Section Shown at Sta. 115+10 "B"

**MOT SCHEME:**

**Phase One:**

- A. Traffic shall be maintained with a single lane closure. Shift Northbound and Southbound SR 37 traffic to the inside travel lanes. Intersection with W Dillman Rd. will remain open
- B. Construct the new full depth outside loons across from the median J-Turn crossover areas.

**Phase 1-B:**

- A. Keep existing Phase 1 MOT devices in place. Place additional barrels and flagging devices.
- B. Sawcut existing edge of pavement. Construct new full depth widening for turning radii.

**Phase Two:**

- A. Traffic shall be maintained with a single lane closure. Shift Northbound and Southbound SR 37 traffic to the outside travel lanes. Intersection with W Dillman Rd. will remain open.
- B. Construct the new Northbound and Southbound J-turn auxiliary lanes and J-turn median crossover areas in the SR 37 median.

**Phase Three:**

- A. Close SR 37 intersection with W Dillman Rs. Maintain Northbound and Southbound SR 37 traffic in the outside travel lanes. W Dillman Rd. through traffic, W Dillman Rd. left turn movements onto SR 37 and SR 37 left turn movements onto W Dillman Rd. will have to utilize the new J-turn auxiliary lanes and J-turn median crossover areas.
- B. Construct new intersection of SR 37 and W Dillman Rd.
- C. Install final permanent pavement markings and signage.

**Phase Four:**

- A. Maintain Northbound and Southbound SR 37 traffic in shifted/narrowed travel lanes. E Dillman Rd. right turns onto SR 37 N, and SR 37 N right turns onto E Dillman Rd. will remain open under flaggers; W Dillman Rd. right onto SR 37 S, and SR 37 S right turns onto W Dillman Rd. will remain open under flaggers; SR 37 NB and SB left turn will utilize the new J-turn auxiliary lanes and J-turn median crossover areas.
- B. Construct directional islands on E and W Dillman Rds.
- C. Install final permanent pavement markings and signage.

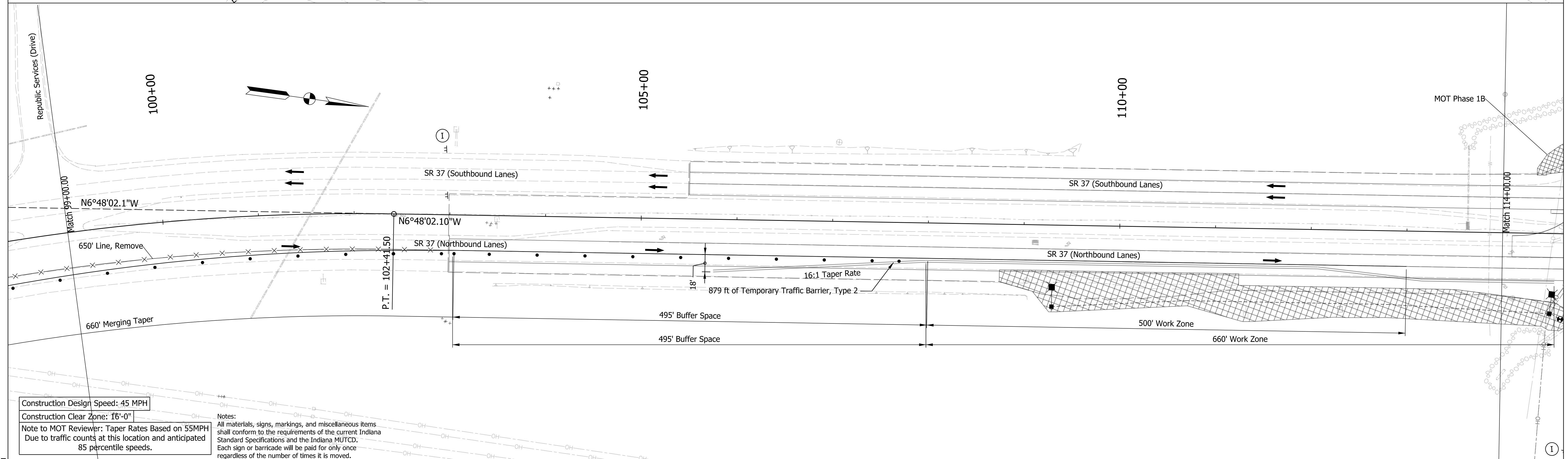
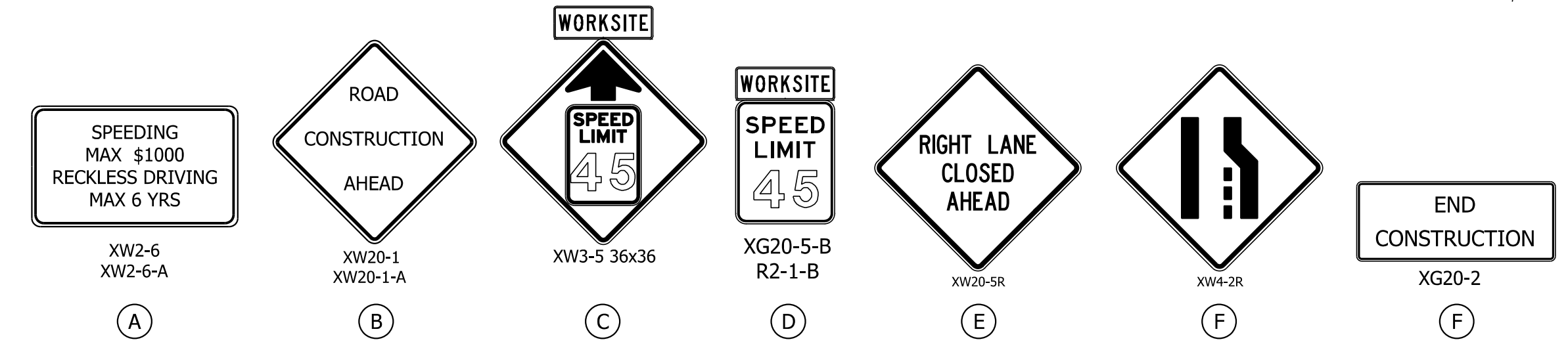
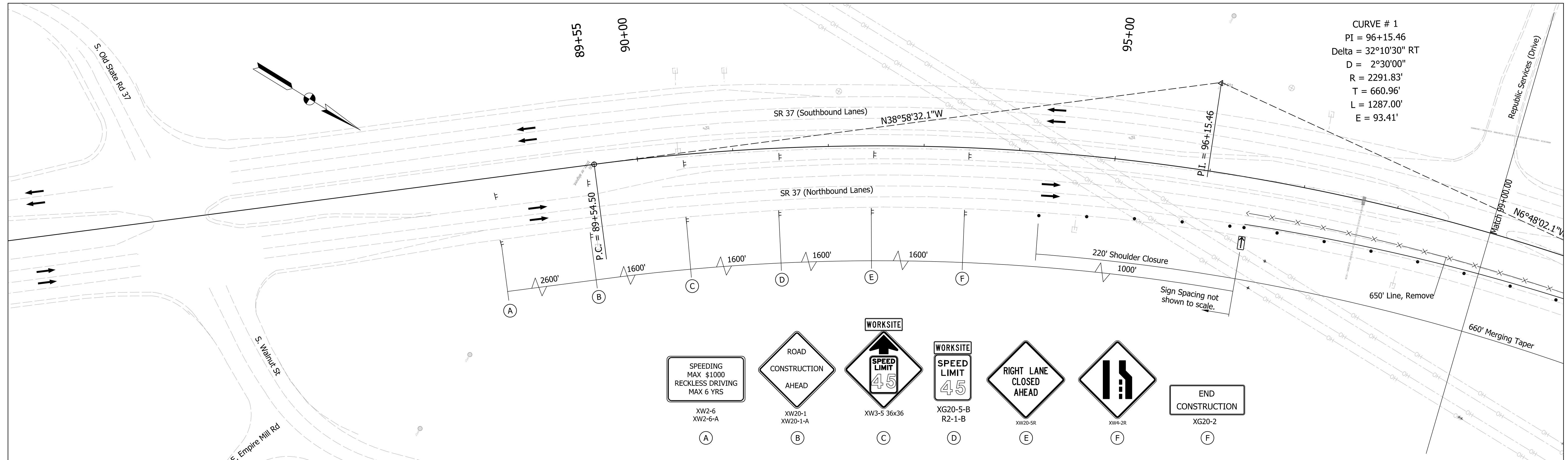
**CONSTRUCTION ZONE SPEED = 45 MPH**

Plot: 4/14/2022 8:57 PM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	MAR 2021	DRAWN: MRS
CHECKED: CPM	MAR 2021	CHECKED: CPM
	MAR 2021	

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC	

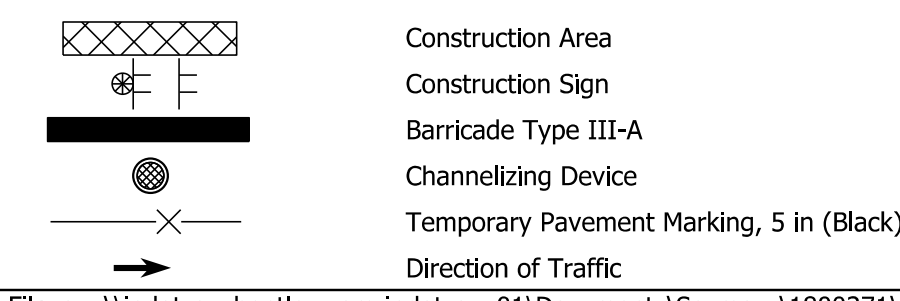
SCALE	BRIDGE FILE
1/8" = 1'	
	DESIGNATION
	1800371
	SHEETS
	5 of 51
CONTRACT	PROJECT
R-42414	1800371



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH Due to traffic counts at this location and anticipated 85 percentile speeds.

Notes:  
 All materials, signs, markings, and miscellaneous items shall conform to the requirements of the current Indiana Standard Specifications and the Indiana MUTCD. Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**



**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)

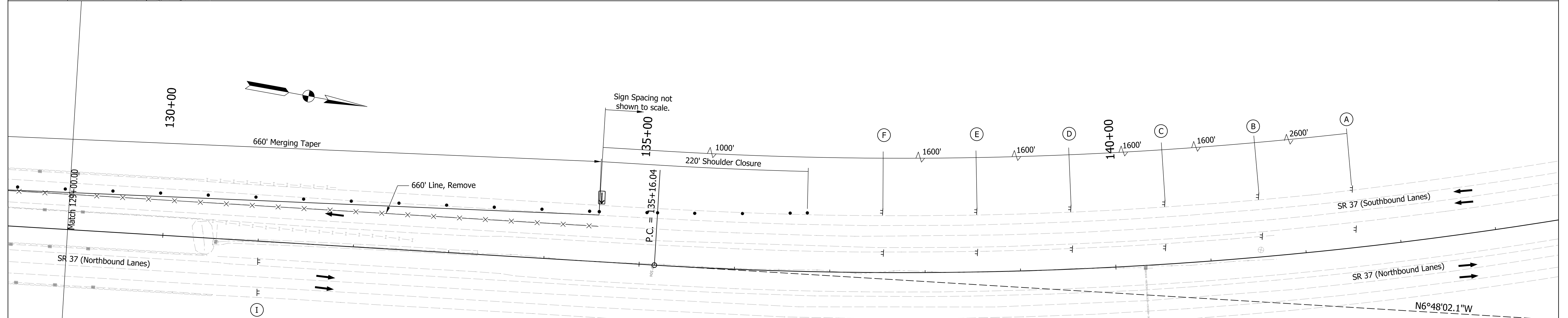
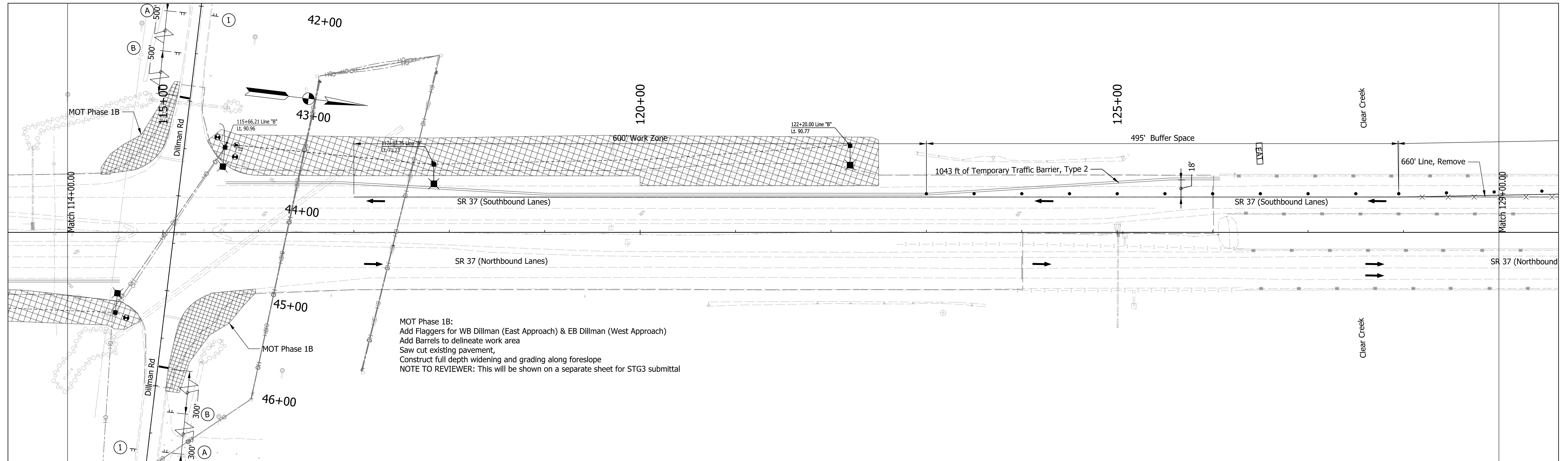
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022		April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
April 2022		April 2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1

SCALE	BRIDGE FILE
1"=50'	
	DESIGNATION
	1800371
	SHEETS
	6 of 51
CONTRACT	PROJECT
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Plot: 4/14/2022 10:05 PM



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

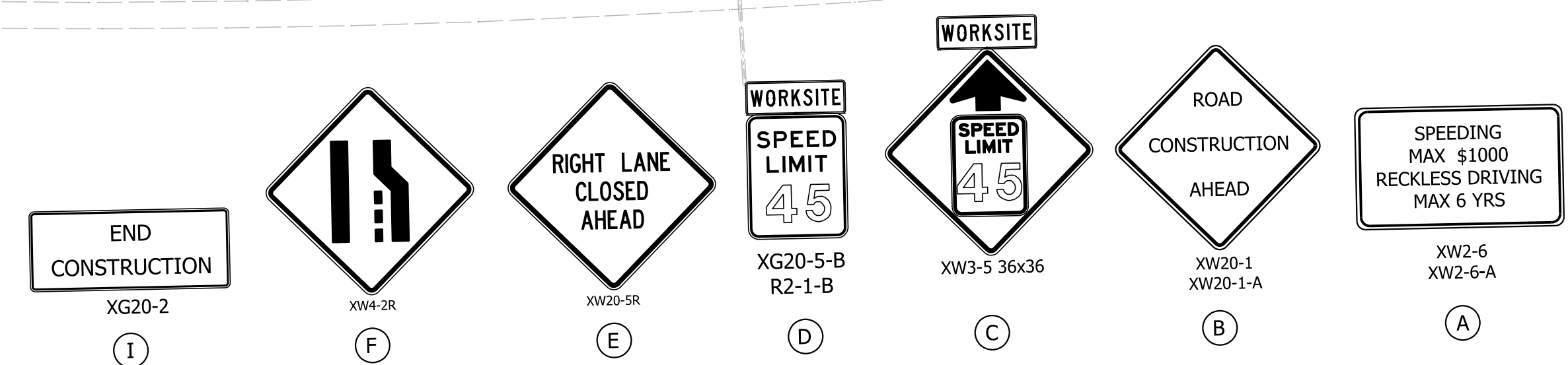
Notes:  
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 Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

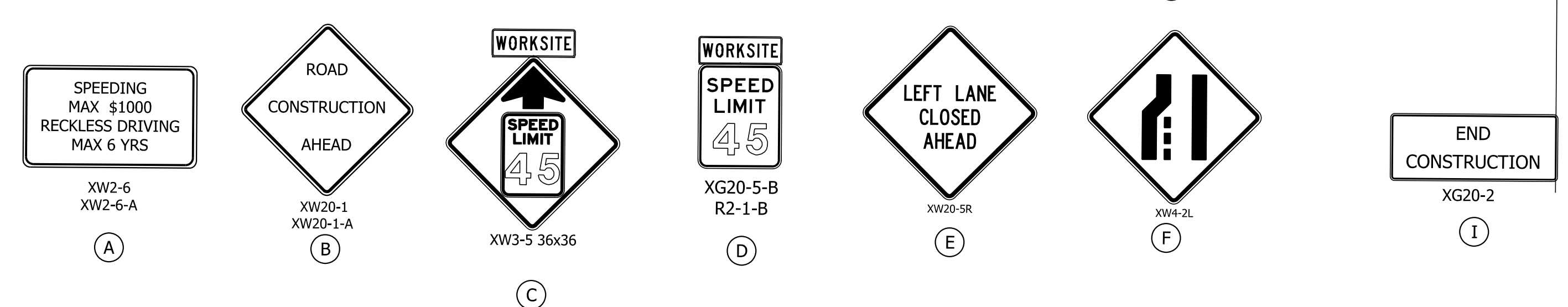
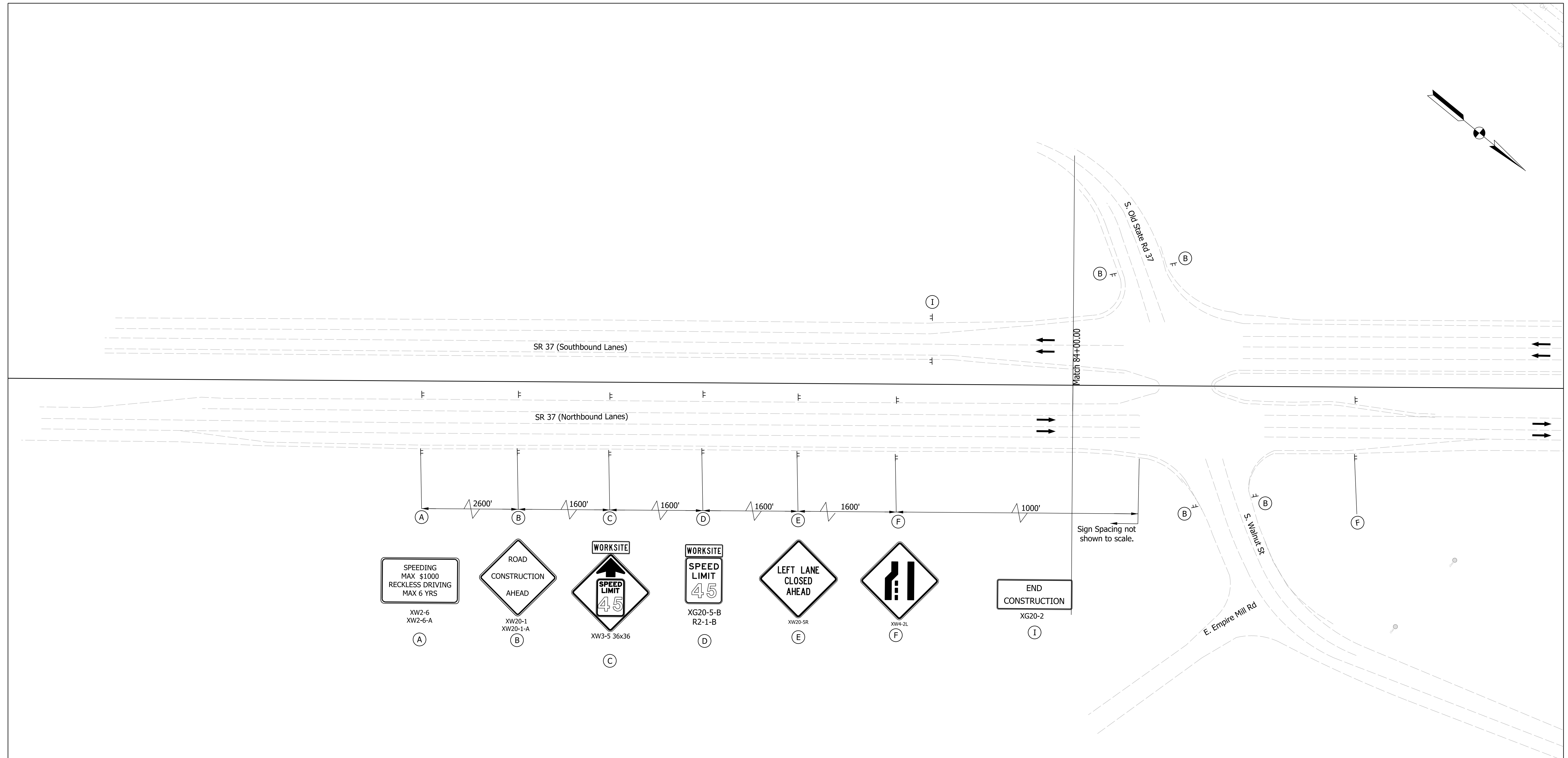
**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE	BRIDGE FILE
DESIGNED: RRC		DRAWN: RRC		April 2022			1"=50'	DESIGNATION
CHECKED: AKB		CHECKED: AKB		April 2022	MAINTENANCE OF TRAFFIC PHASE 1		1800371	SHEETS
							7 of 51	PROJECT
							R-42414	1800371

Plot: 4/14/2022 10:05 PM  
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 Model: Default



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

Notes:  
 All materials, signs, markings, and miscellaneous items shall conform to the requirements of the current Indiana Standard Specifications and the Indiana MUTCD.  
 Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

	Construction Area
	Construction Sign
	Barricade Type III-A
	Channelizing Device
	Temporary Pavement Marking, 5 in (Black)
	Direction of Traffic

**Temporary Pavement Marking Legend**

①	Temporary Pavement Marking, 4in. (White)
②	Temporary Pavement Marking, 4in. (Yellow)
③	Temporary Transverse Pavement Marking, 24in. (Stop Bar)
④	Temporary Pavement Marking, 5in. (Black)

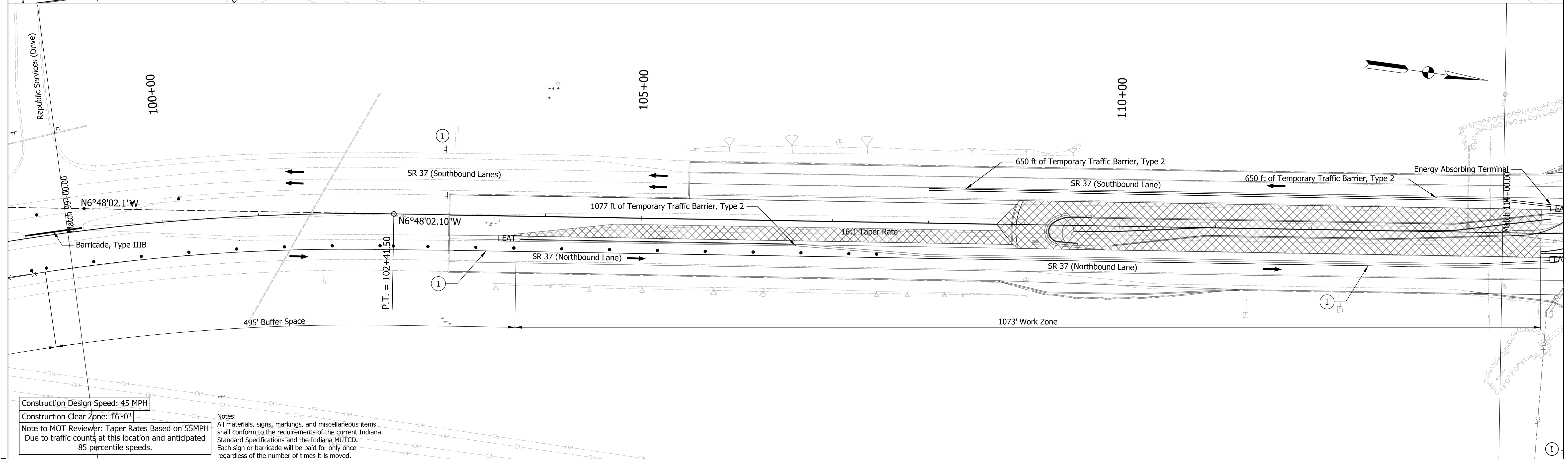
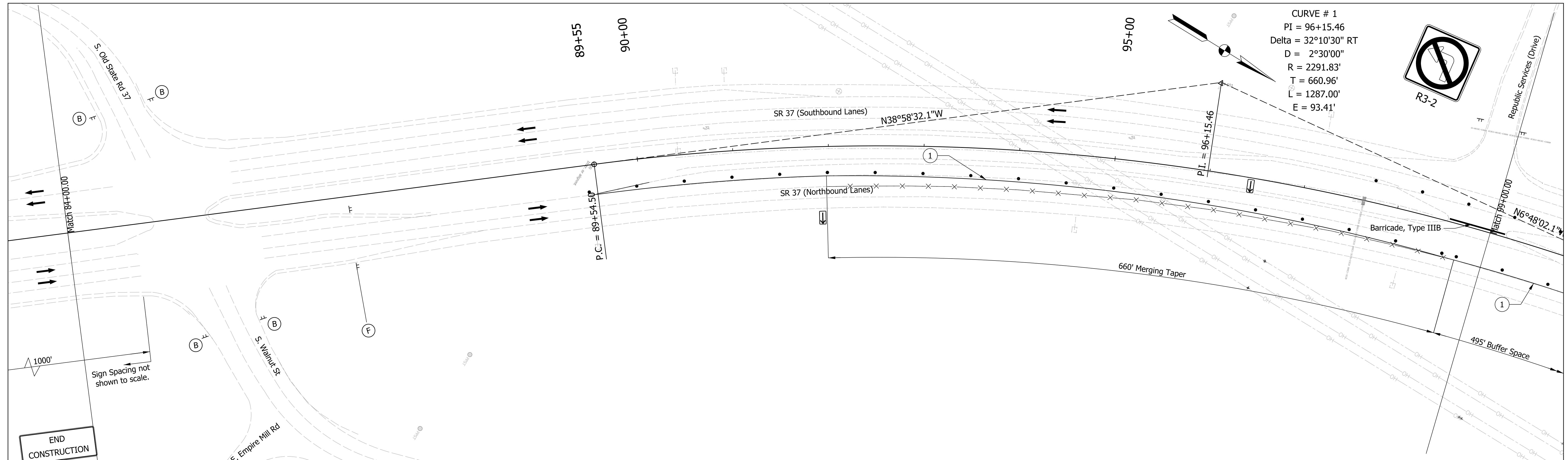
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC PHASE 2

SCALE	BRIDGE FILE
1"=50'	
	DESIGNATION
	1800371
	SHEETS
	8 of 51
CONTRACT	PROJECT
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Plot: 4/14/2022 10:06 PM





Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

Notes:  
 All materials, signs, markings, and miscellaneous items shall conform to the requirements of the current Indiana Standard Specifications and the Indiana MUTCD.  
 Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

**Temporary Pavement Marking Legend**

- 1 Temporary Pavement Marking, 4in. (White)
- 2 Temporary Pavement Marking, 4in. (Yellow)
- 3 Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- 4 Temporary Pavement Marking, 5in. (Black)

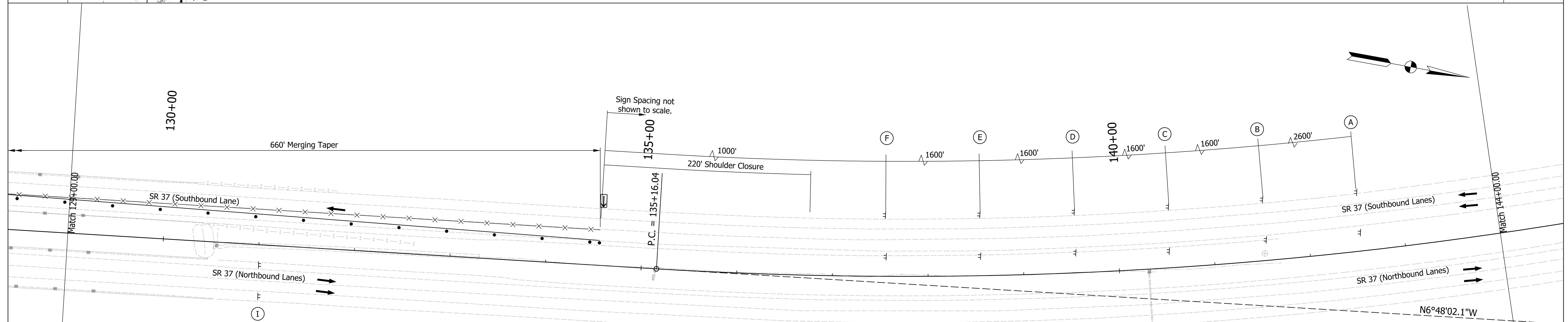
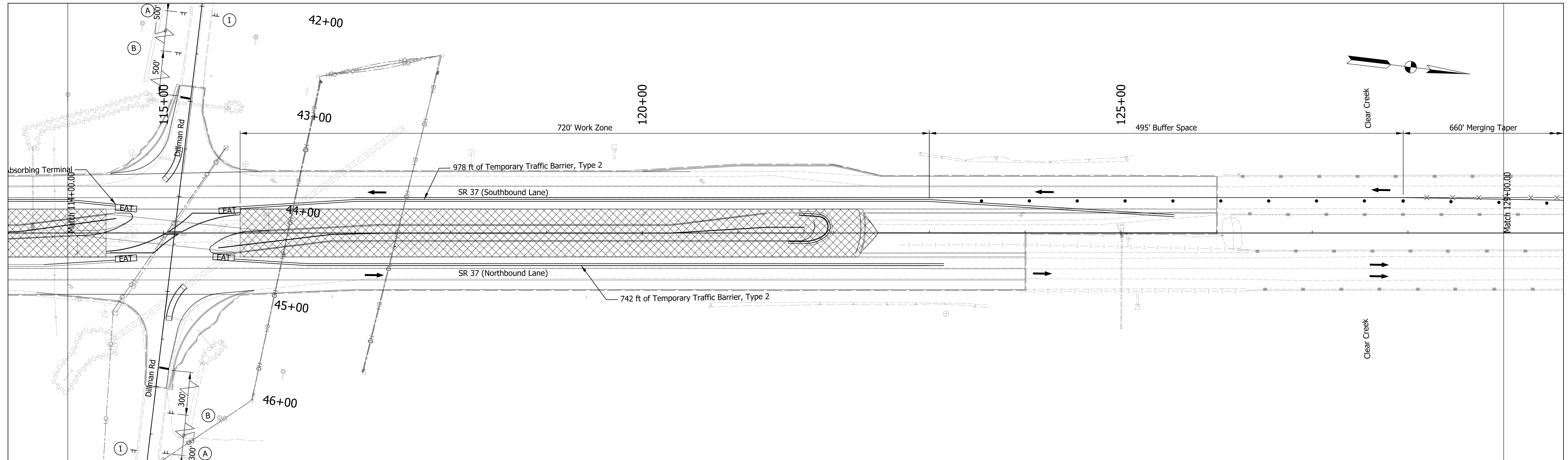
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022	April 2022	April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
April 2022	April 2022	April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
PHASE 2

SCALE 1"=50'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 9 of 51
CONTRACT R-42414	PROJECT 1800371

Plot: 4/14/2022 10:06 PM



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

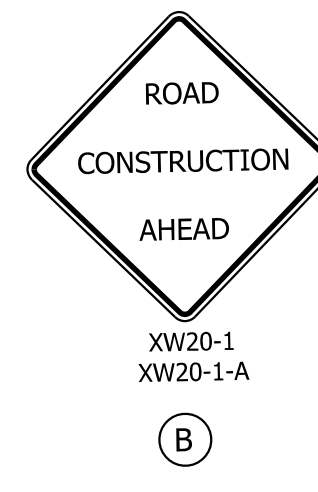
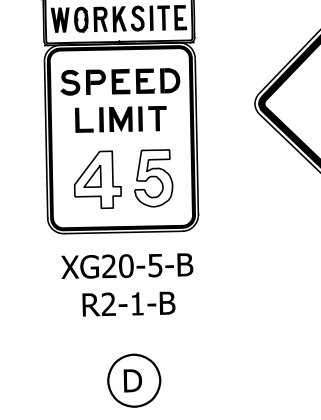
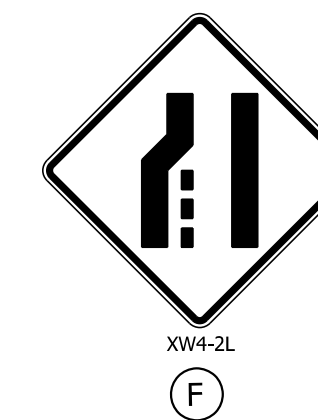
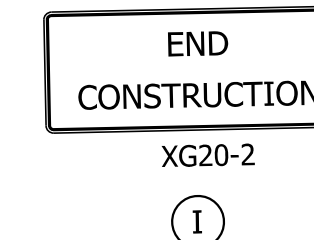
Notes:  
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**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)



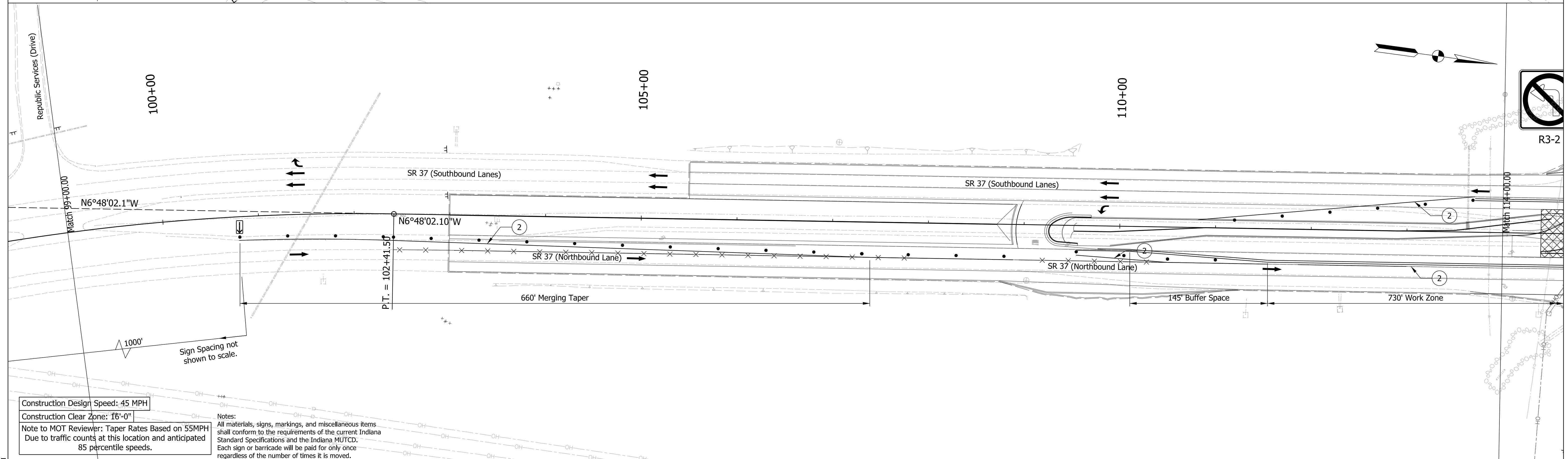
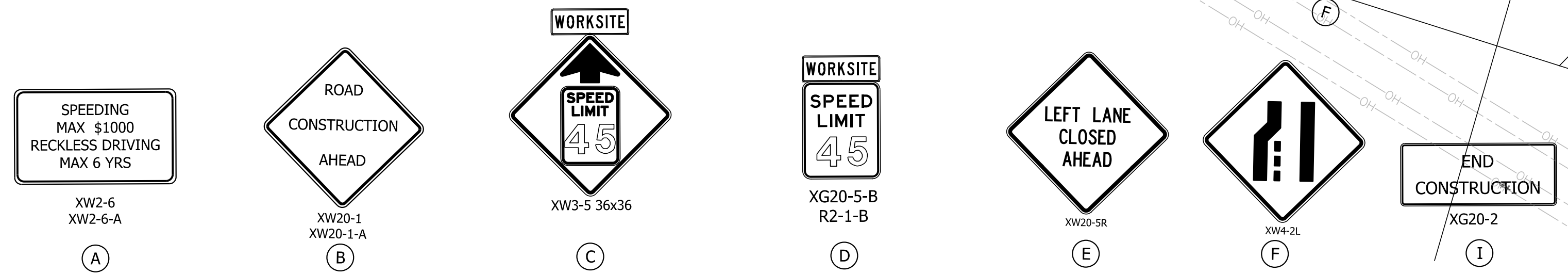
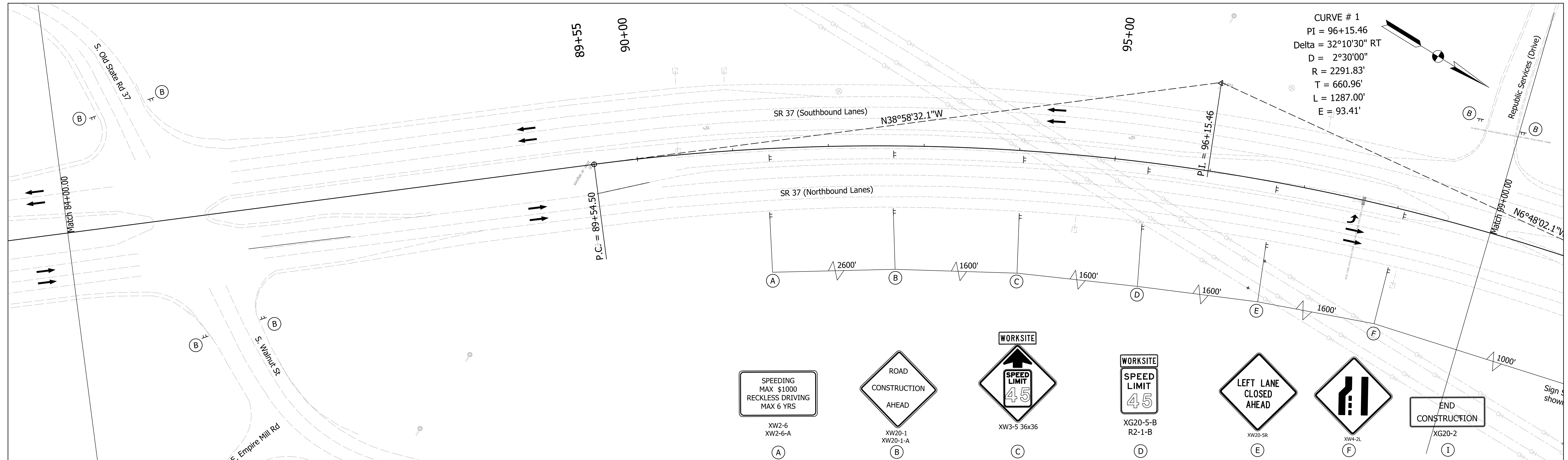
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022		April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
		April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 2**

SCALE	BRIDGE FILE
1"=50'	
	DESIGNATION
	1800371
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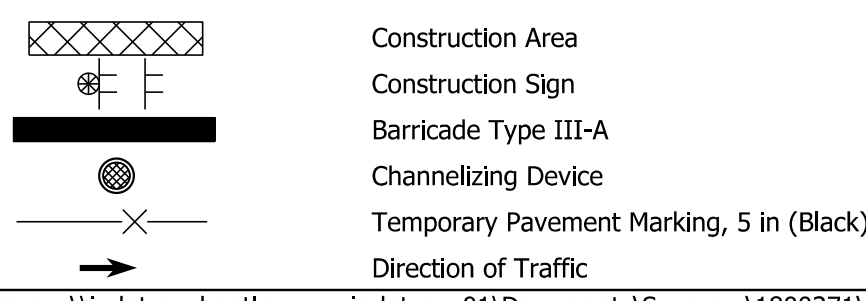
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Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

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**Maintenance of Traffic Legend**



**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)

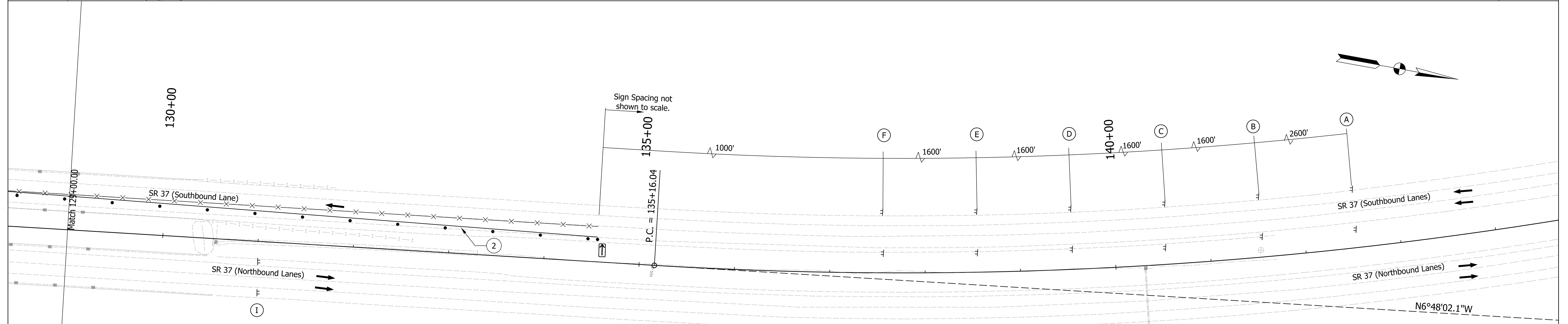
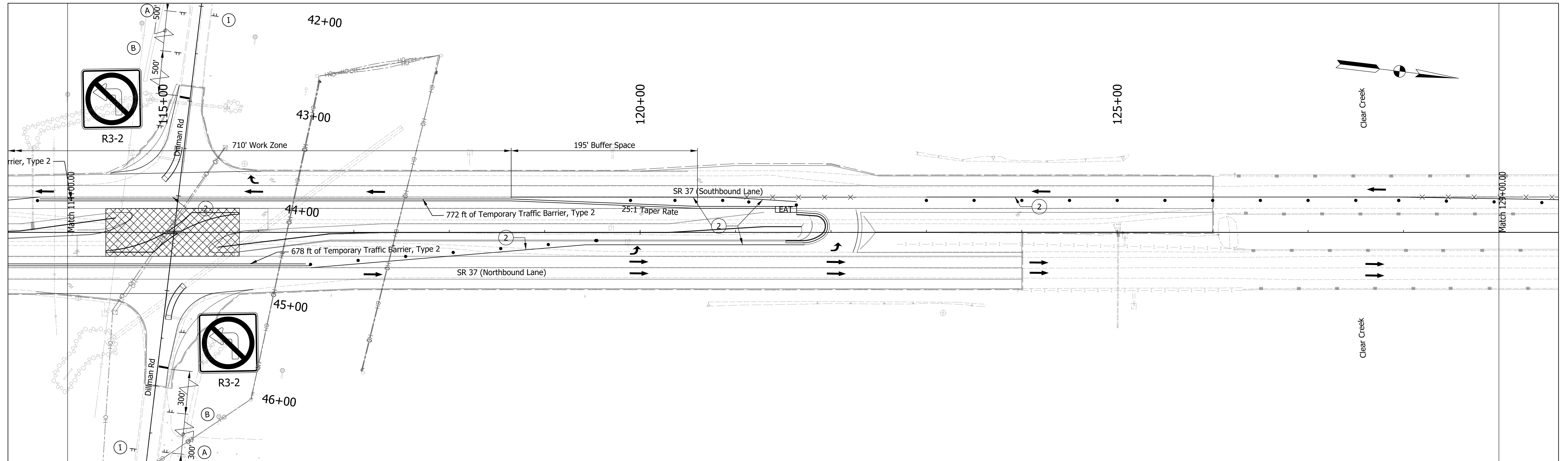
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DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022		April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
		April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
PHASE 3

SCALE 1"=50'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 11 of 51
CONTRACT R-42414	PROJECT 1800371

Plot: 4/14/2022 10:07 PM



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

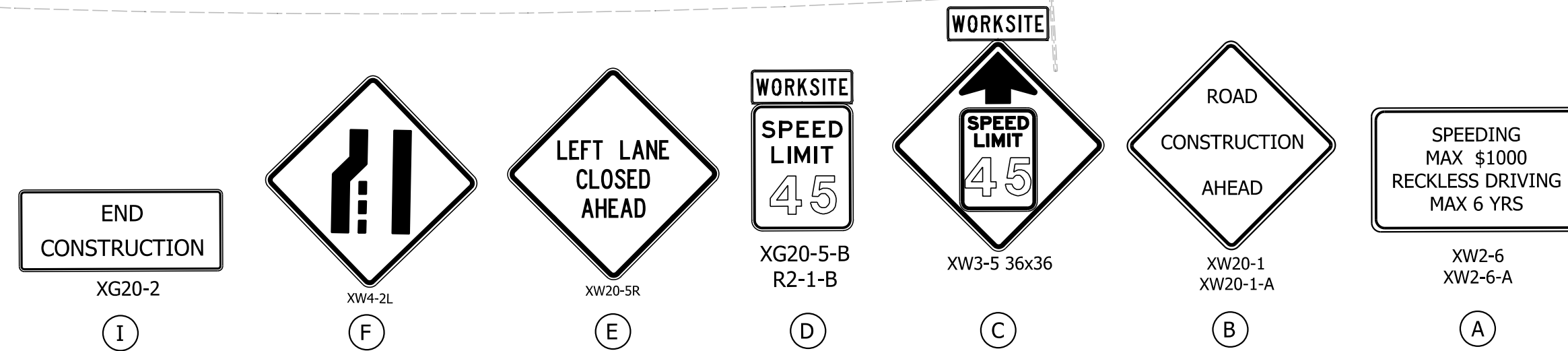
Notes:  
 All materials, signs, markings, and miscellaneous items shall conform to the requirements of the current Indiana Standard Specifications and the Indiana MUTCD. Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)



Plot: 4/14/2022 10:08 PM

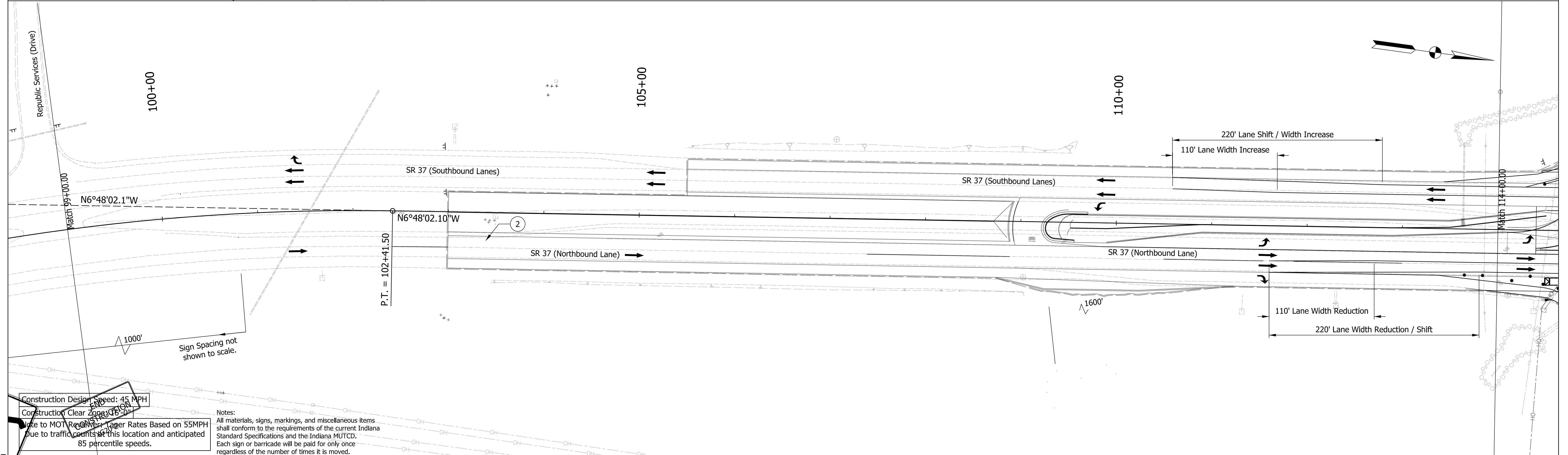
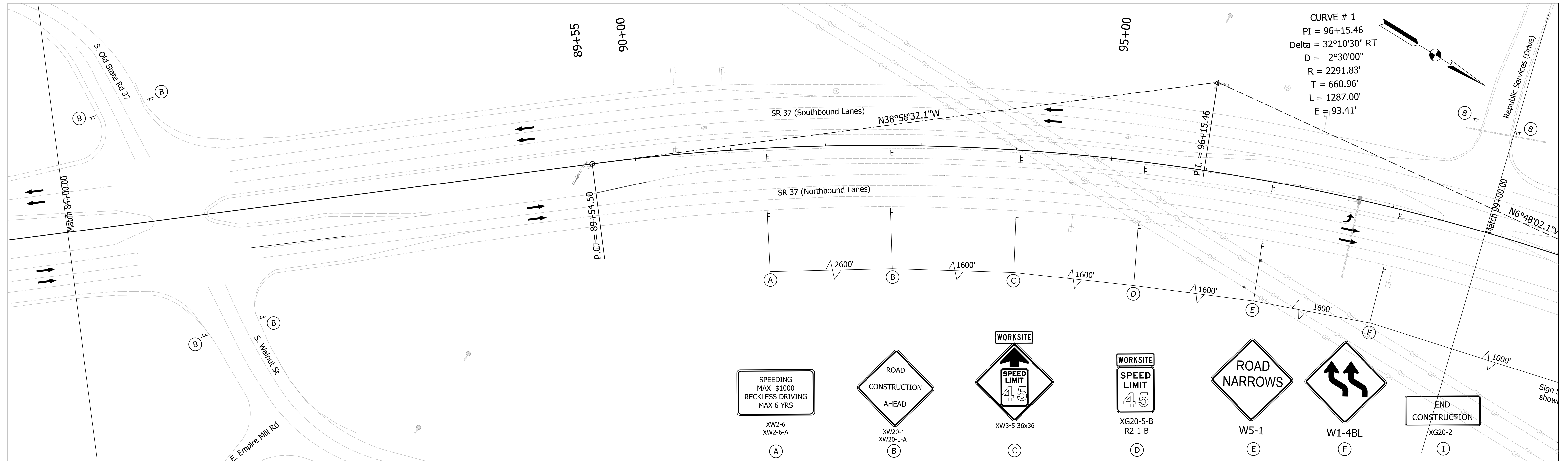
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 3**

SCALE	BRIDGE FILE
1"=50'	
	DESIGNATION
	1800371
	SHEETS
	12 of 51
CONTRACT	PROJECT
R-42414	1800371



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Larger Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated  
 85 percentile speeds.

Notes:  
 All materials, signs, markings, and miscellaneous items  
 shall conform to the requirements of the current Indiana  
 Standard Specifications and the Indiana MUTCD.  
 Each sign or barricade will be paid for only once  
 regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)

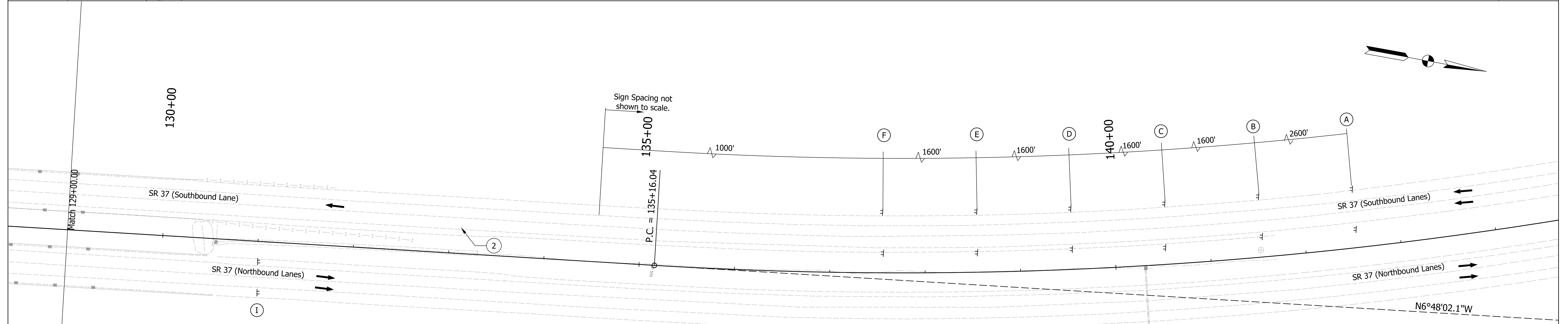
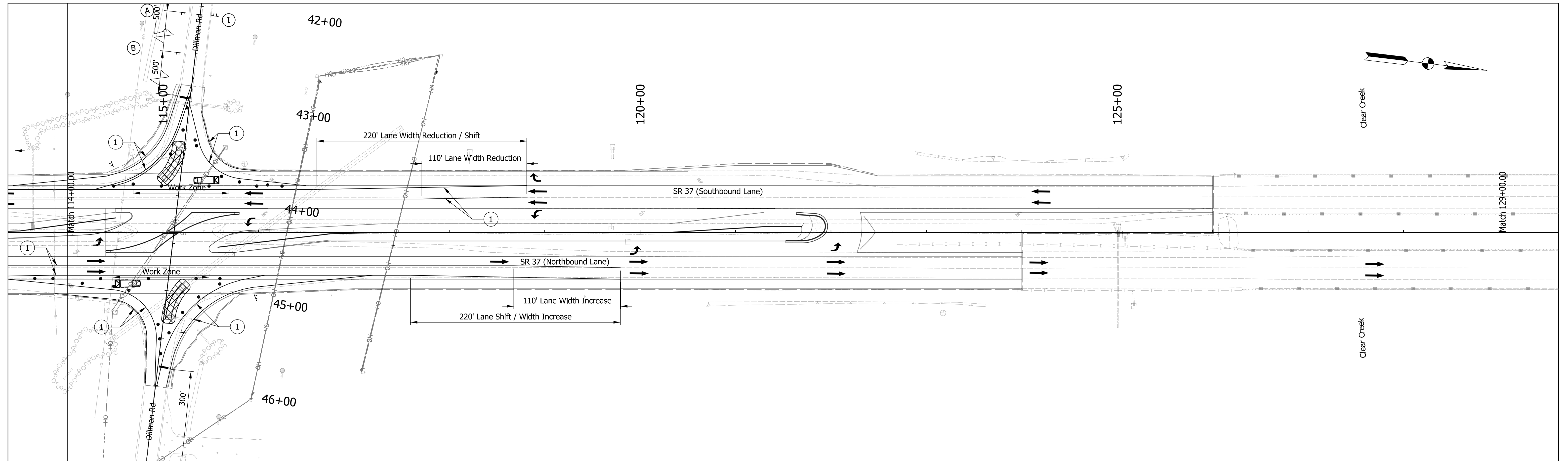
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022		April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
		April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 4**

SCALE 1"=50'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 13 of 51
CONTRACT R-42414	PROJECT 1800371

Plot: 4/14/2022 10:08 PM



Construction Design Speed: 45 MPH  
 Construction Clear Zone: 16'-0"  
 Note to MOT Reviewer: Taper Rates Based on 55MPH  
 Due to traffic counts at this location and anticipated 85 percentile speeds.

Notes:  
 All materials, signs, markings, and miscellaneous items shall conform to the requirements of the current Indiana Standard Specifications and the Indiana MUTCD. Each sign or barricade will be paid for only once regardless of the number of times it is moved.

**Maintenance of Traffic Legend**

- Construction Area
- Construction Sign
- Barricade Type III-A
- Channelizing Device
- Temporary Pavement Marking, 5 in (Black)
- Direction of Traffic

**Temporary Pavement Marking Legend**

- ① Temporary Pavement Marking, 4in. (White)
- ② Temporary Pavement Marking, 4in. (Yellow)
- ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar)
- ④ Temporary Pavement Marking, 5in. (Black)

END CONSTRUCTION  
 XG20-2  
 ①

W1-4BL  
 ⑥

W5-1  
 ⑤

XG20-5-B  
 R2-1-B  
 ④

XW3-5 36x36  
 ③

XW20-1  
 XW20-1-A  
 ②

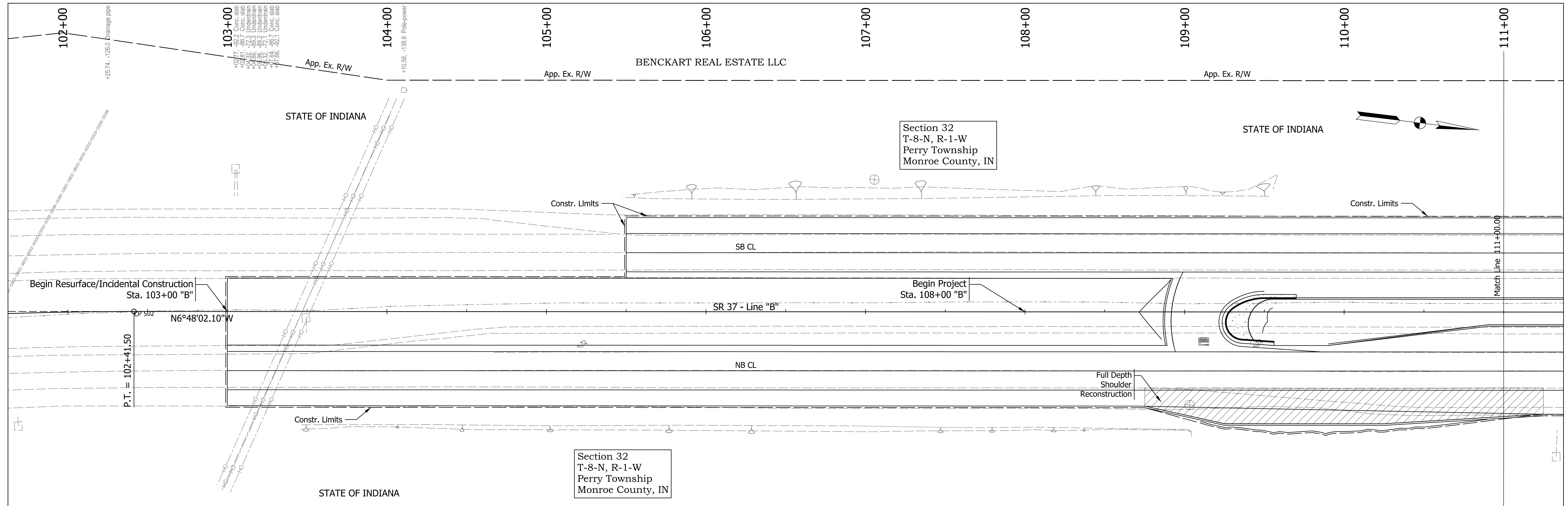
XW2-6  
 XW2-6-A  
 ①

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RRC	April 2022	DRAWN: RRC
April 2022		April 2022
CHECKED: AKB	April 2022	CHECKED: AKB
		April 2022

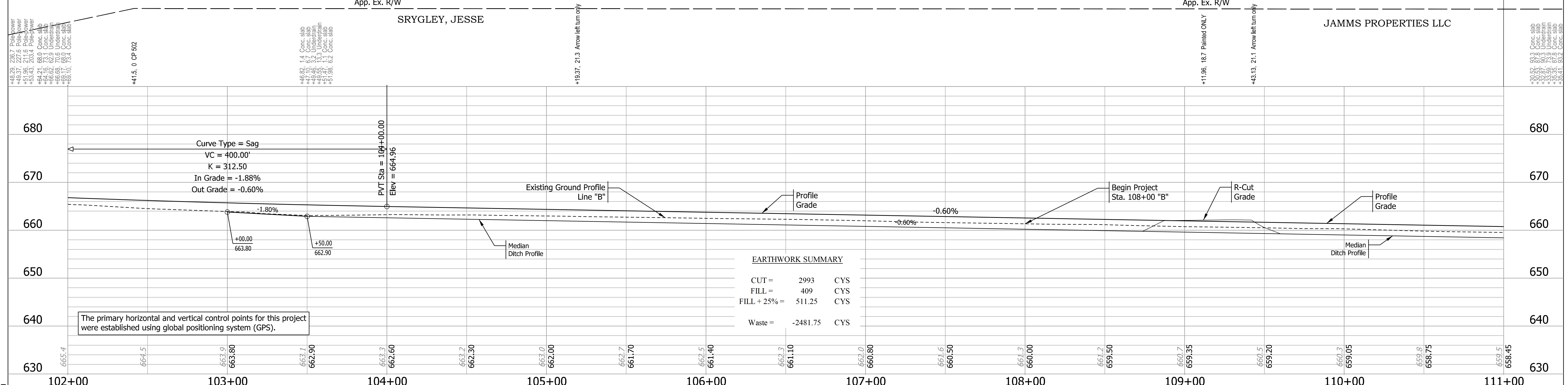
INDIANA DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC PHASE 4

SCALE	BRIDGE FILE
1"=50'	
	DESIGNATION
	1800371
	SHEETS
	14 of 51
CONTRACT	PROJECT
R-42414	1800371

Plot: 4/14/2022 10:09 PM



All topographic information is referenced from Line "B".  
Line "B" to be constructed.



The primary horizontal and vertical control points for this project were established using global positioning system (GPS).

**Control Points and Benchmarks:**  
 CP 501: PT Sta 95+98.00 (Survey Monument), Offset: 93.407, Northing: 168274.3322, Easting: 774598.8838  
 CP 502: PT Sta 102+41.50 Offset: 0.00, Northing: 168930.6419, Easting: 774520.6168  
 CP 503: Sta 115+11.51, Offset: 0.00, Northing: 170191.7165, Easting: 774370.2297  
 TBM 1: Sta: 126+23.20, Offset: -61.10 (SW corner of SR 37 bridge SB), Northing: 171288.310, Easting: 774177.580, Elev: 652.212'

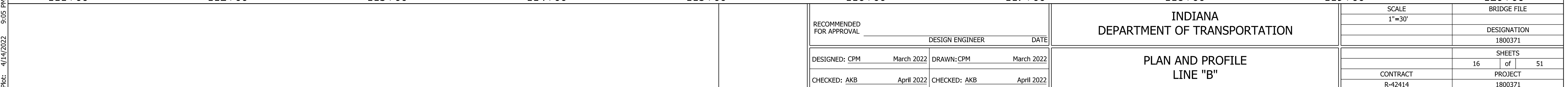
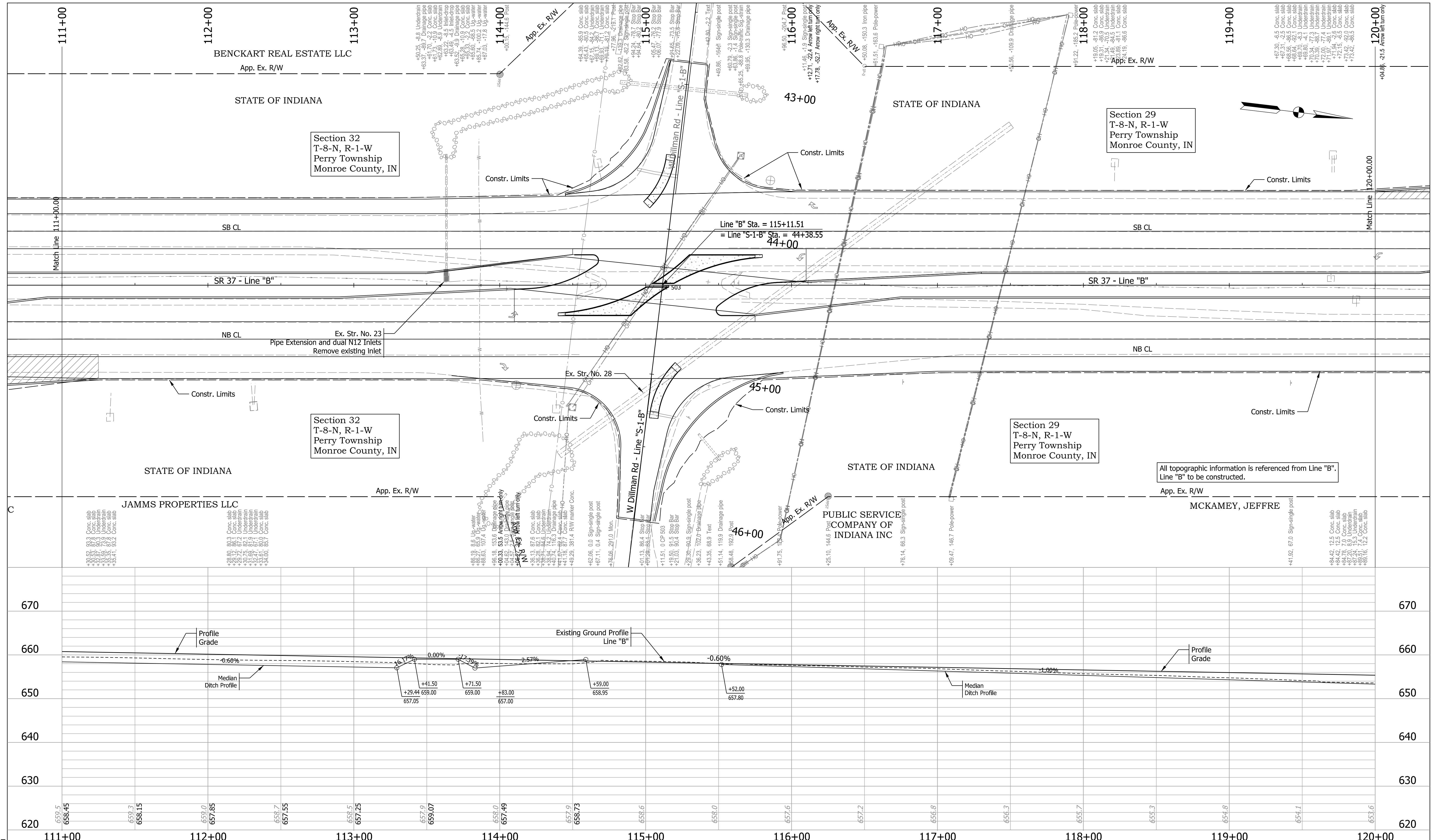
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE LINE "B"**

SCALE	BRIDGE FILE
1"=30'	DESIGNATION
	1800371
	SHEETS
15	of 51
CONTRACT	PROJECT
R-42414	1800371

Plot: 4/14/2022 11:06 PM



Plot: 4/14/2022 9:05 PM

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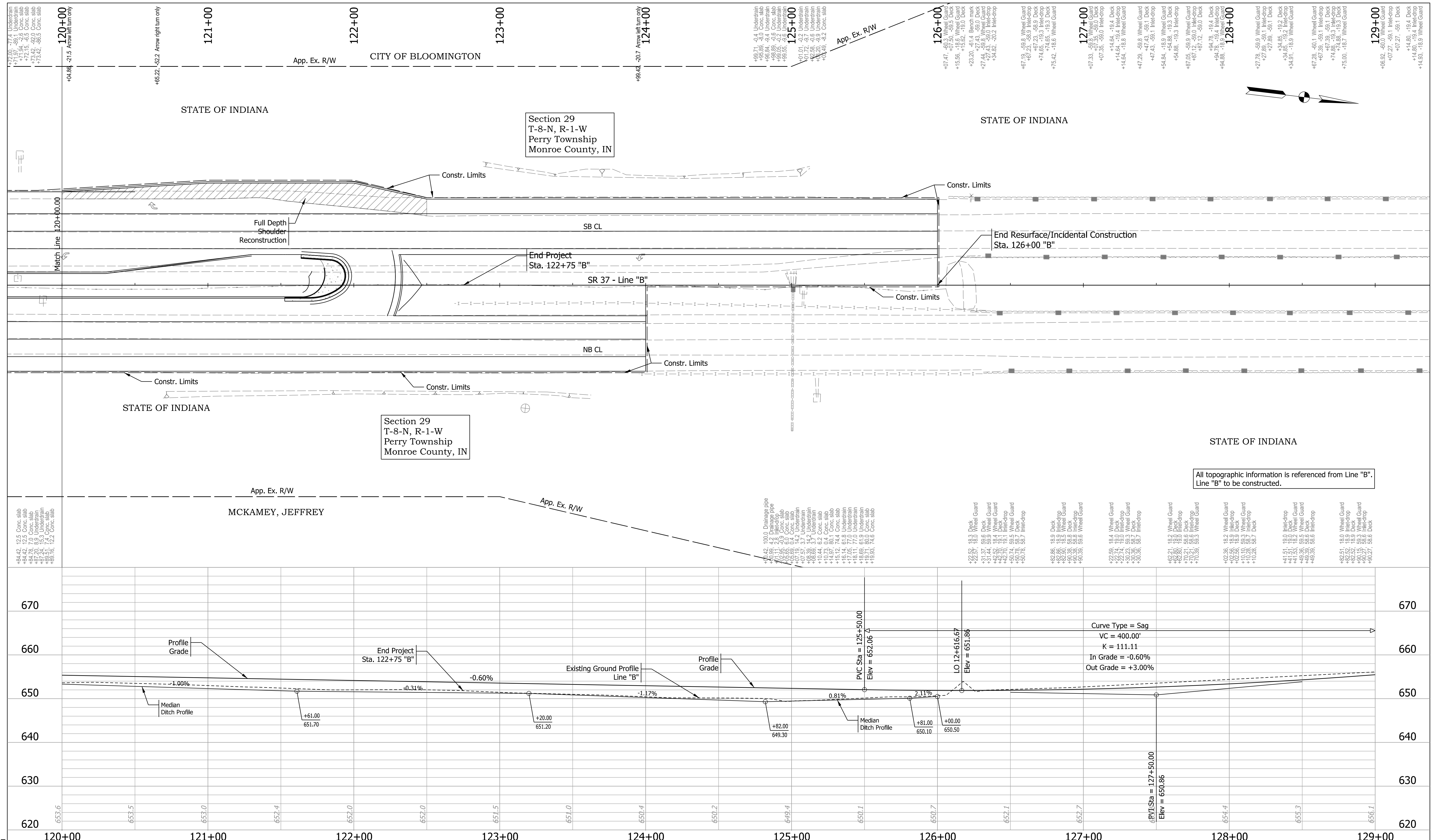
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE  
LINE "B"**

SCALE 1"=30'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 16 of 51
CONTRACT R-42414	PROJECT 1800371





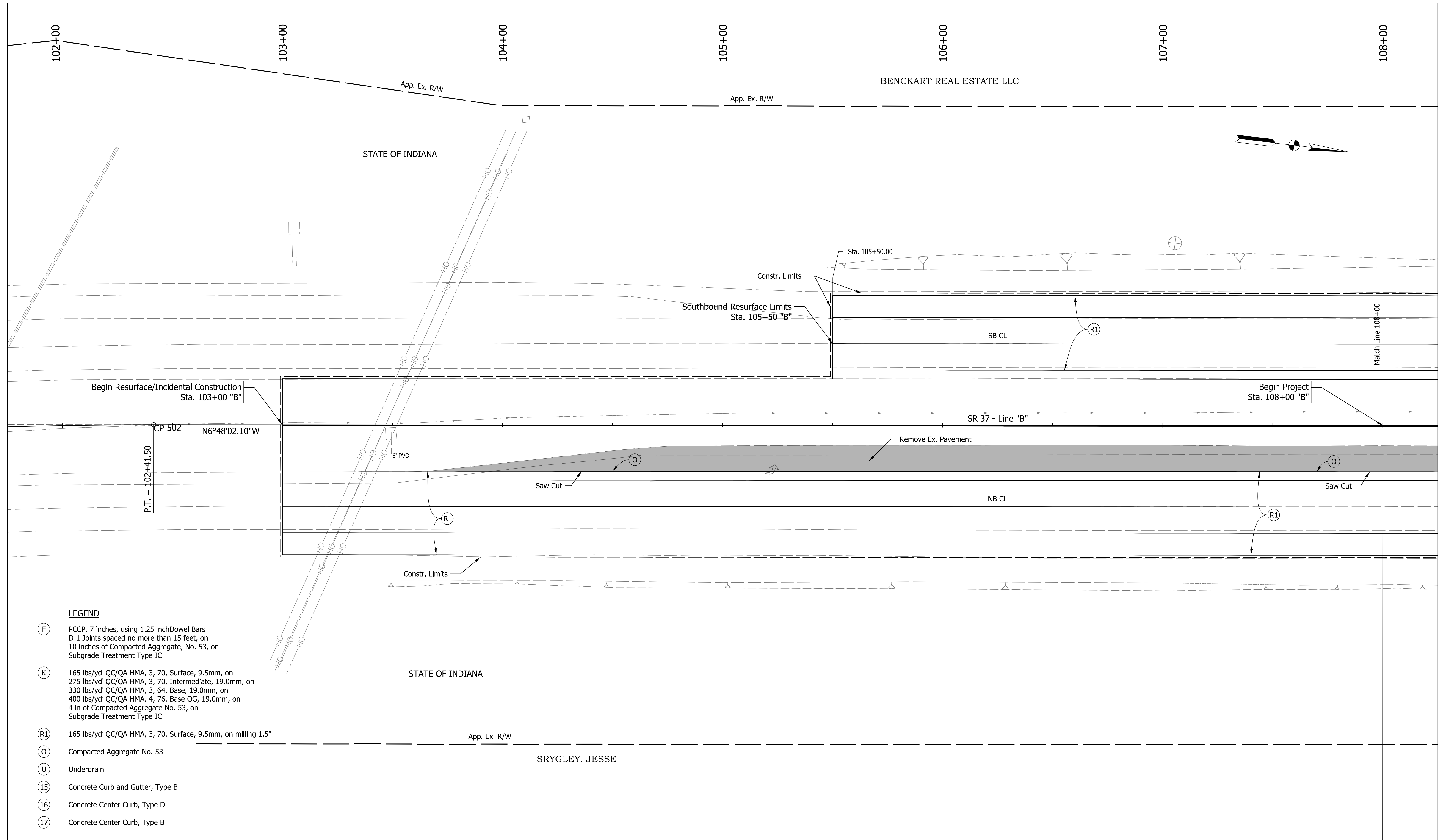
Section 29  
T-8-N, R-1-W  
Perry Township  
Monroe County, IN

Section 29  
T-8-N, R-1-W  
Perry Township  
Monroe County, IN

All topographic information is referenced from Line "B".  
Line "B" to be constructed.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE DESIGNED: CPM March 2022 DRAWN: CPM March 2022 CHECKED: MRS March 2022 CHECKED: MRS March 2022	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		SCALE 1"=30'	BRIDGE FILE
	<b>PLAN AND PROFILE LINE "B"</b>		DESIGNATION 1800371	
	CONTRACT R-42414		SHEETS 17 of 51 PROJECT 1800371	

Plot: 4/14/2022 9:05 PM



**LEGEND**

- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars  
D-1 Joints spaced no more than 15 feet, on  
10 inches of Compacted Aggregate, No. 53, on  
Subgrade Treatment Type IC
- (K) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on  
275 lbs/yd' QC/QA HMA, 3, 70, Intermediate, 19.0mm, on  
330 lbs/yd' QC/QA HMA, 3, 64, Base, 19.0mm, on  
400 lbs/yd' QC/QA HMA, 4, 76, Base OG, 19.0mm, on  
4 in of Compacted Aggregate No. 53, on  
Subgrade Treatment Type IC
- (R1) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
- (O) Compacted Aggregate No. 53
- (U) Underdrain
- (15) Concrete Curb and Gutter, Type B
- (16) Concrete Center Curb, Type D
- (17) Concrete Center Curb, Type B

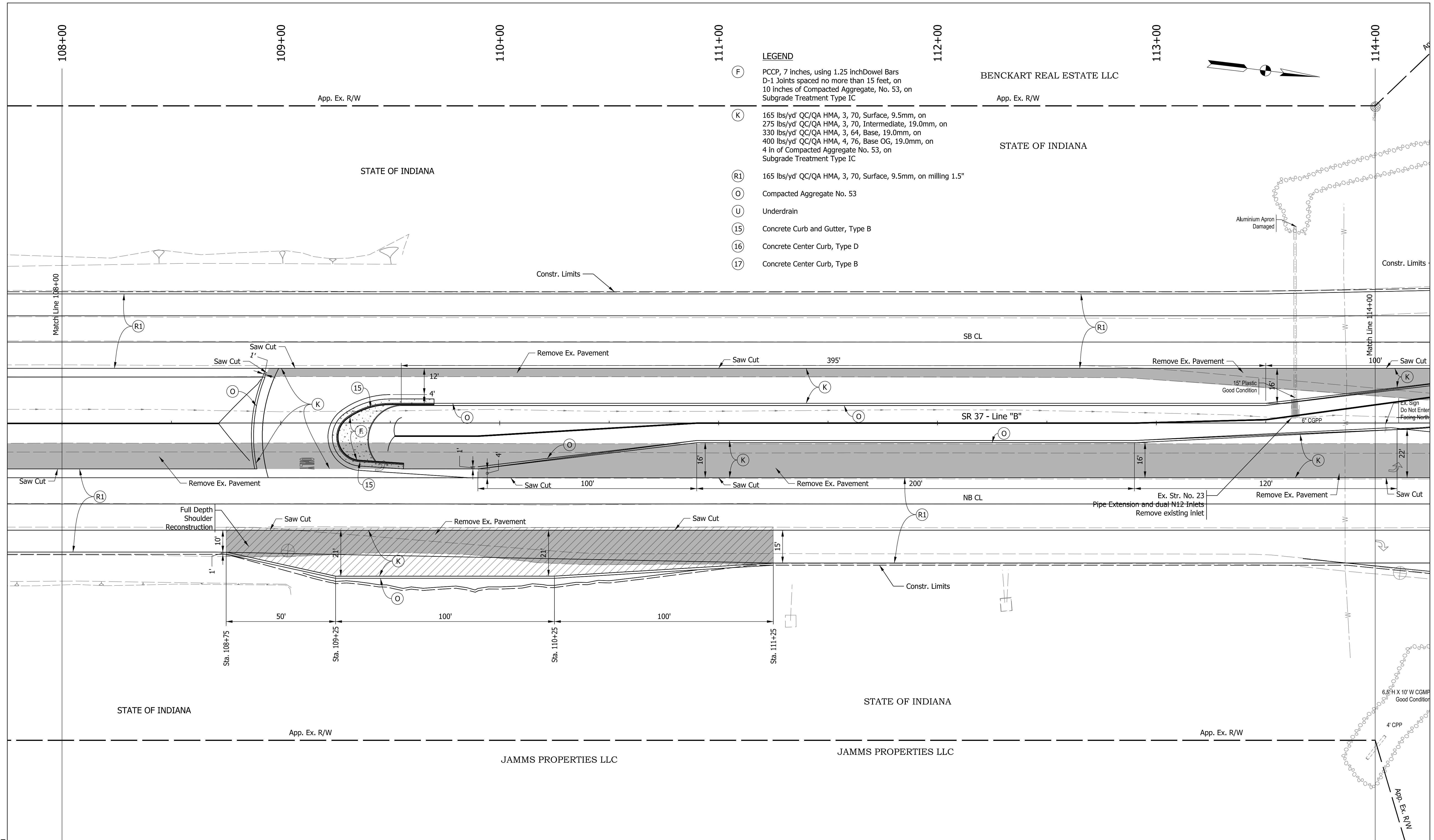
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: MRS	March 2022	CHECKED: MRS
	March 2022	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL LINE "B"	

SCALE 1"=20'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 18 of 51
CONTRACT R-42414	PROJECT 1800371



- LEGEND**
- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars D-1 Joints spaced no more than 15 feet, on 10 inches of Compacted Aggregate, No. 53, on Subgrade Treatment Type IC
  - (K) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on 275 lbs/yd' QC/QA HMA, 3, 70, Intermediate, 19.0mm, on 330 lbs/yd' QC/QA HMA, 3, 64, Base, 19.0mm, on 400 lbs/yd' QC/QA HMA, 4, 76, Base OG, 19.0mm, on 4 in of Compacted Aggregate No. 53, on Subgrade Treatment Type IC
  - (R1) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
  - (O) Compacted Aggregate No. 53
  - (U) Underdrain
  - (15) Concrete Curb and Gutter, Type B
  - (16) Concrete Center Curb, Type D
  - (17) Concrete Center Curb, Type B

BENCKART REAL ESTATE LLC

STATE OF INDIANA

SR 37 - Line "B"

NB CL

STATE OF INDIANA

JAMMS PROPERTIES LLC

JAMMS PROPERTIES LLC

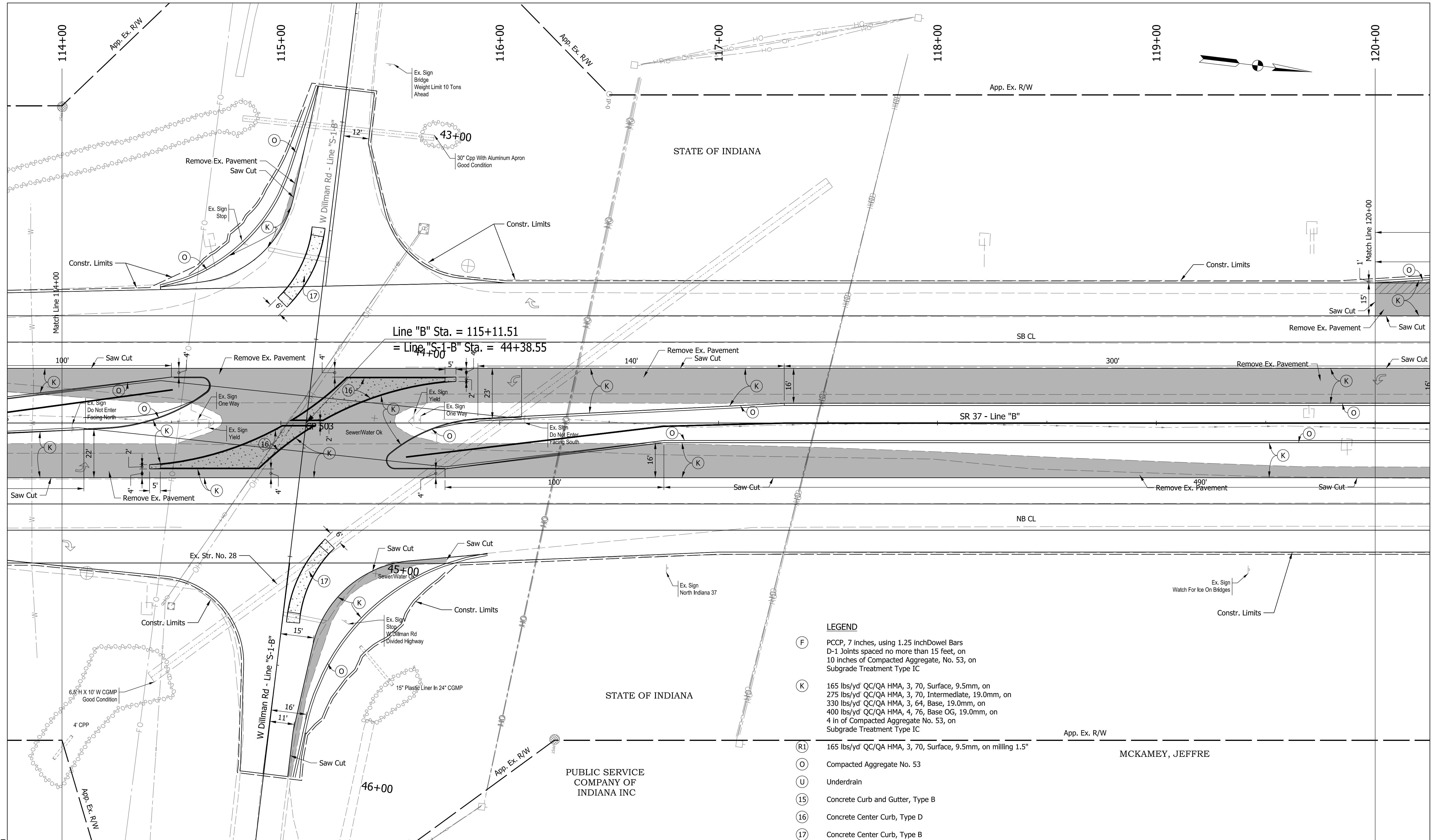
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: MRS	March 2022	CHECKED: MRS
	March 2022	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL LINE "B"	

SCALE 1"=20'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 19 of 51
CONTRACT R-42414	PROJECT 1800371



- LEGEND**
- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars D-1 Joints spaced no more than 15 feet, on 10 inches of Compacted Aggregate, No. 53, on Subgrade Treatment Type IC
  - (K) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on 275 lbs/yd' QC/QA HMA, 3, 70, Intermediate, 19.0mm, on 330 lbs/yd' QC/QA HMA, 3, 64, Base, 19.0mm, on 400 lbs/yd' QC/QA HMA, 4, 76, Base OG, 19.0mm, on 4 in of Compacted Aggregate No. 53, on Subgrade Treatment Type IC
  - (R1) 165 lbs/yd' QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
  - (O) Compacted Aggregate No. 53
  - (U) Underdrain
  - (15) Concrete Curb and Gutter, Type B
  - (16) Concrete Center Curb, Type D
  - (17) Concrete Center Curb, Type B

MCKAMEY, JEFFRE

Plot: 4/14/2022 9:05 PM

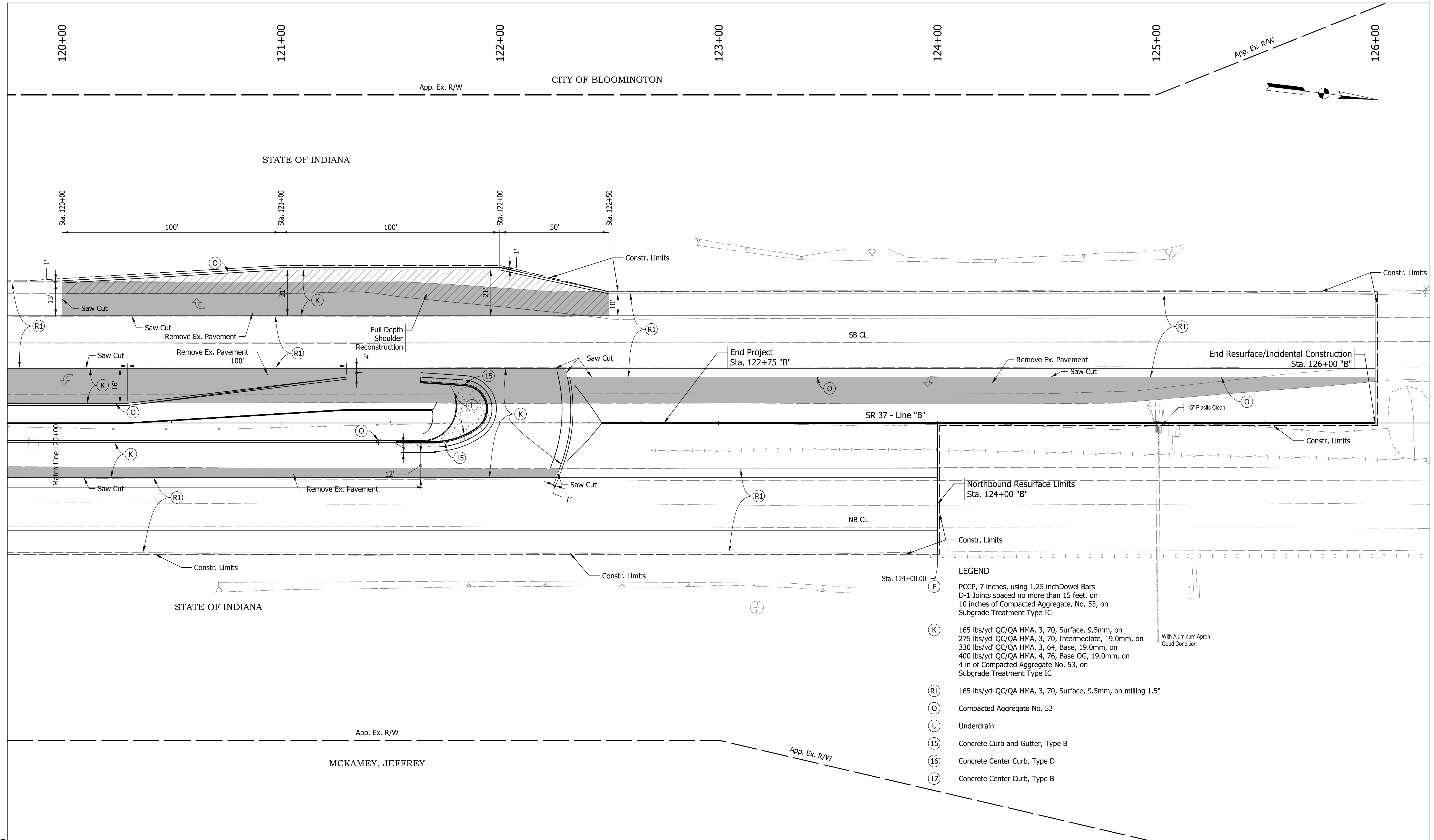
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: MRS	March 2022	CHECKED: MRS
	March 2022	

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL LINE "B"

SCALE	BRIDGE FILE
1"=20'	DESIGNATION
	1800371
	SHEETS
	20 of 51
CONTRACT	PROJECT
R-42414	1800371



- LEGEND**
- (F) PCCP, 7 inches, using 1.25 inch Dowel Bars D-1 Joints spaced no more than 15 feet, on 10 inches of Compacted Aggregate, No. 53, on Subgrade Treatment Type IC
  - (K) 165 lbs/yd QC/QA HMA, 3, 70, Surface, 9.5mm, on 275 lbs/yd QC/QA HMA, 3, 70, Intermediate, 19.0mm, on 330 lbs/yd QC/QA HMA, 3, 64, Base, 19.0mm, on 400 lbs/yd QC/QA HMA, 4, 76, Base OG, 19.0mm, on 4 in of Compacted Aggregate No. 53, on Subgrade Treatment Type IC
  - (R1) 165 lbs/yd QC/QA HMA, 3, 70, Surface, 9.5mm, on milling 1.5"
  - (O) Compacted Aggregate No. 53
  - (U) Underdrain
  - (15) Concrete Curb and Gutter, Type B
  - (16) Concrete Center Curb, Type D
  - (17) Concrete Center Curb, Type B

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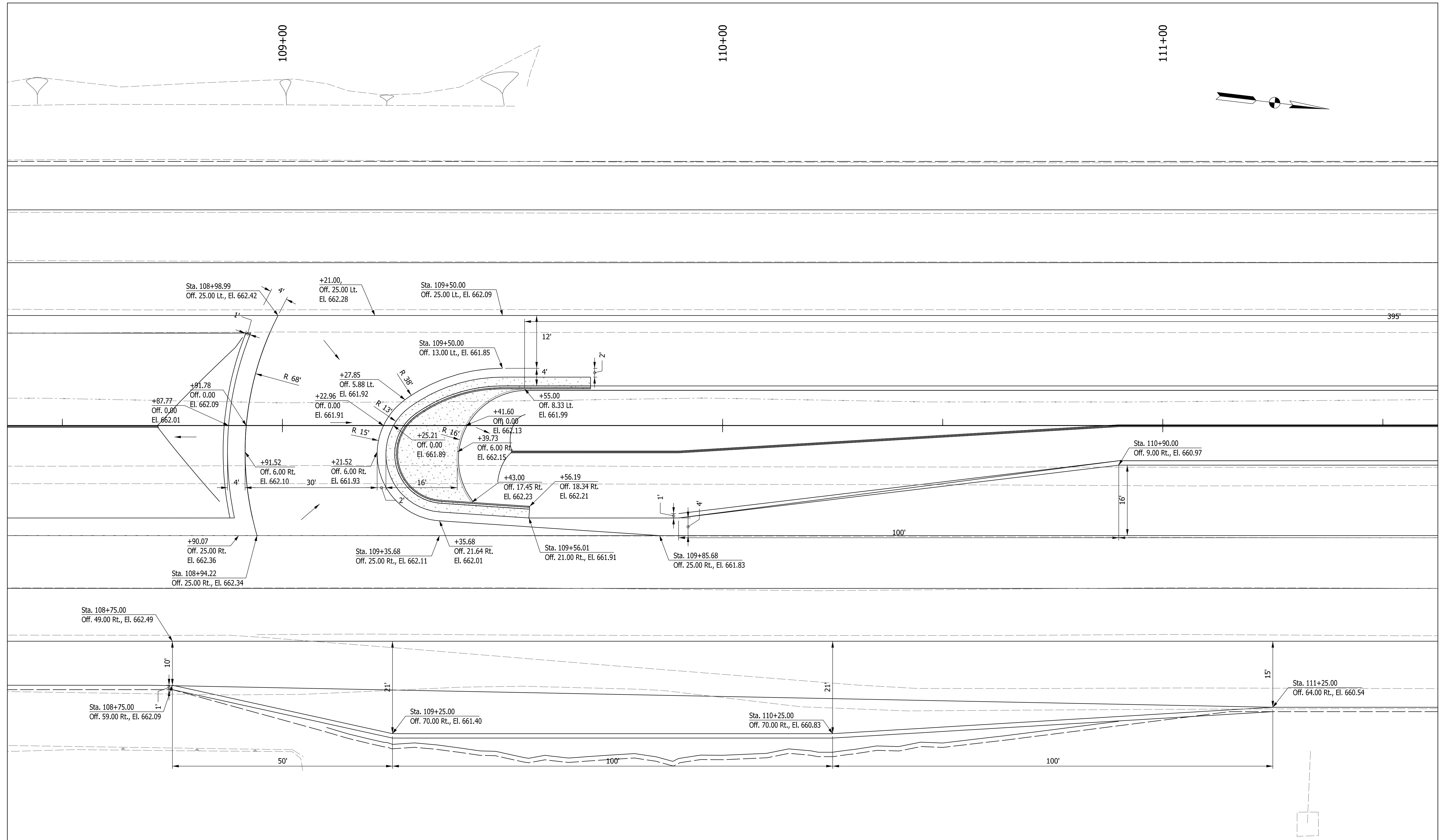
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
March 2022		March 2022
CHECKED: MRS	March 2022	CHECKED: MRS
		March 2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL LINE "B"**

SCALE	BRIDGE FILE
1"=20'	
DESIGNATION	
1800371	
SHEETS	
21 of 51	
CONTRACT	PROJECT
R-42414	1800371



Plot: 4/14/2022 9:06 PM

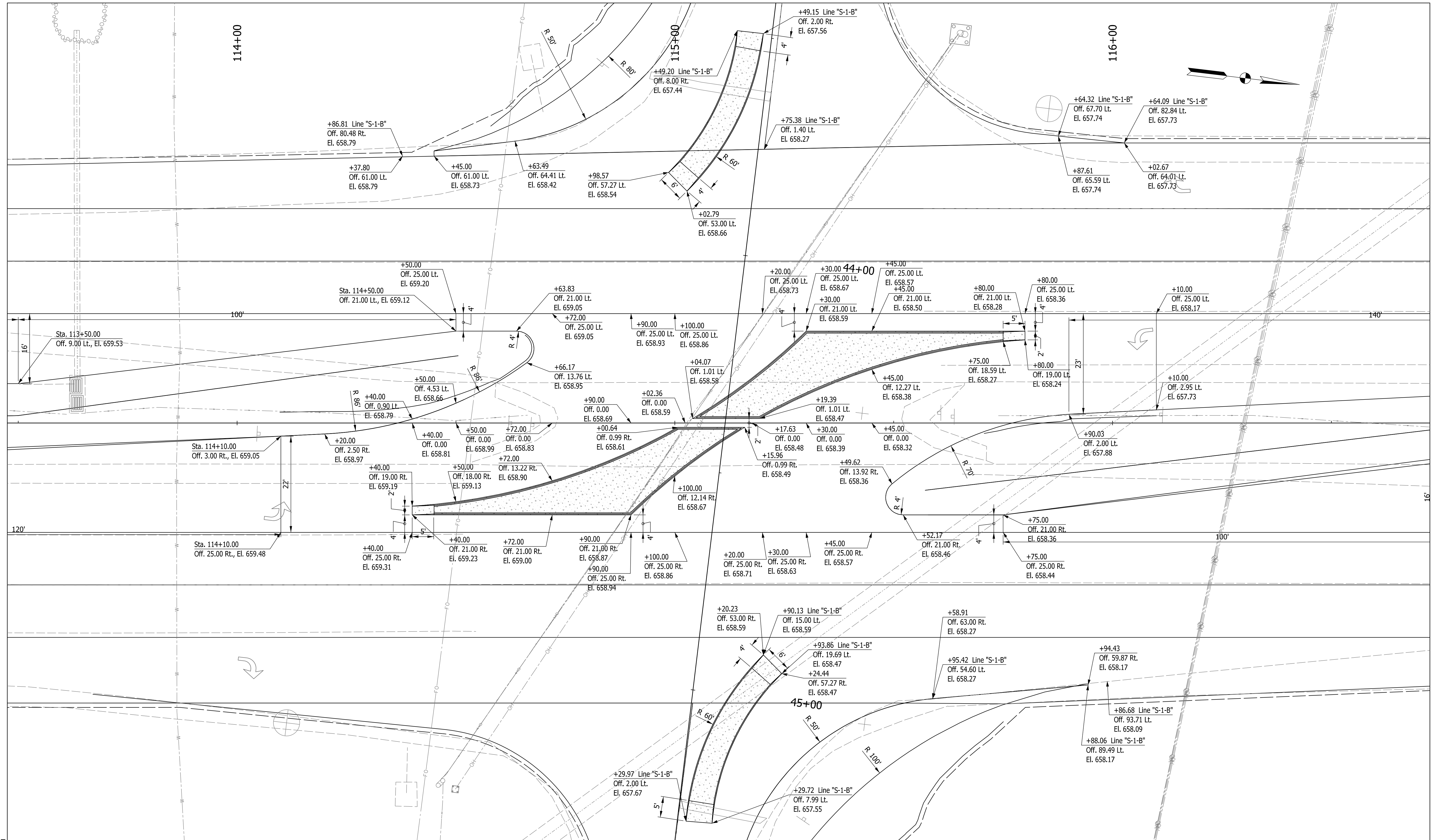
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: MRS	March 2022	CHECKED: MRS
	March 2022	March 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

**SOUTH MEDIAN U-TURN DETAILS  
AND SPOT DETAILS**

SCALE	BRIDGE FILE
1"=10'	DESIGNATION
	1800371
	SHEETS
	22 of 51
CONTRACT	PROJECT
R-42414	1800371



Plot: 4/14/2022 9:06 PM

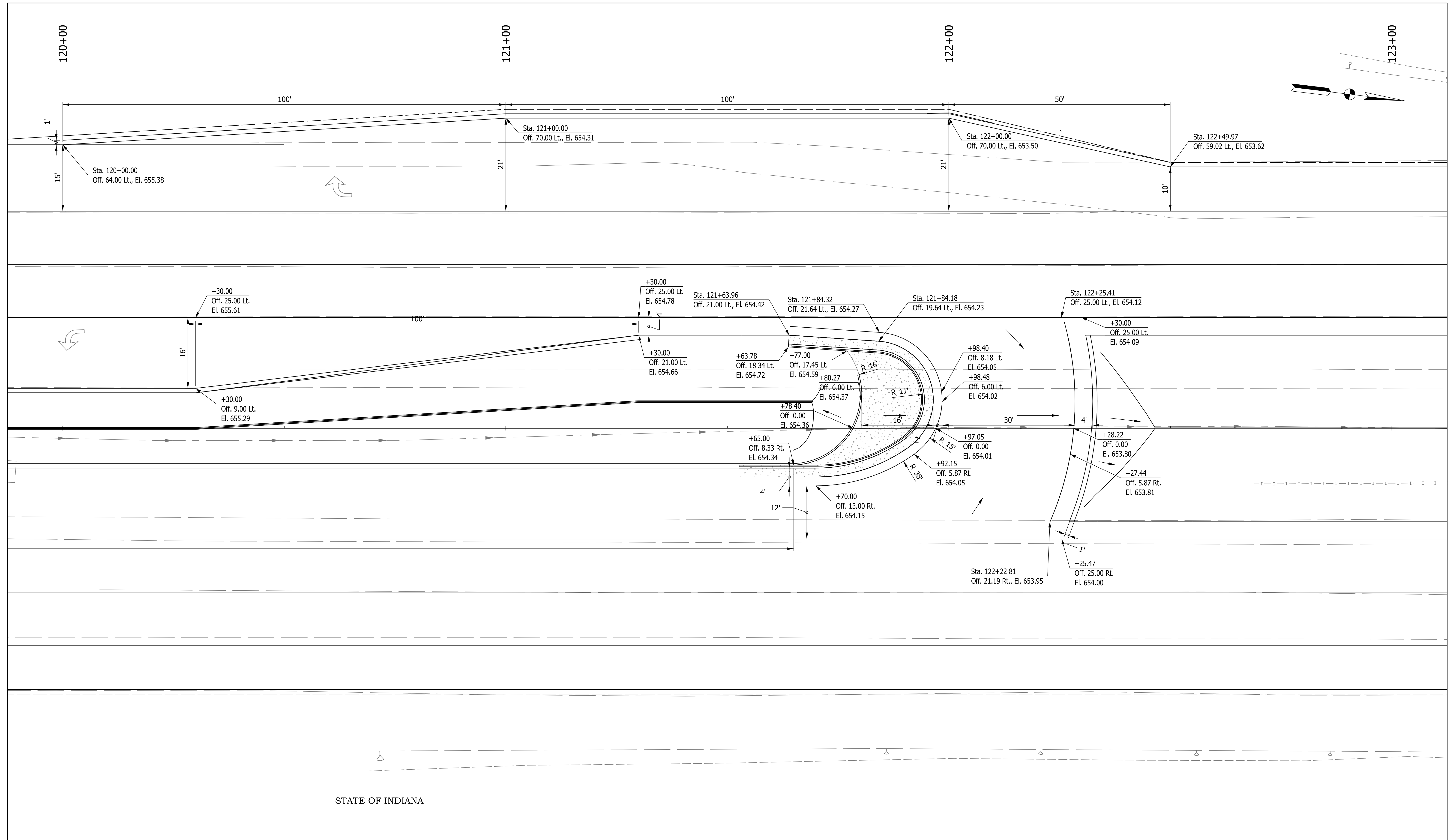
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
March 2022		March 2022
CHECKED: MRS	March 2022	CHECKED: MRS
March 2022		March 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAILS  
AND SPOT DETAILS**

SCALE	BRIDGE FILE
1"=10'	DESIGNATION
	1800371
	SHEETS
	23 of 51
CONTRACT	PROJECT
R-42414	1800371



STATE OF INDIANA

Plot: 4/14/2022 9:06 PM

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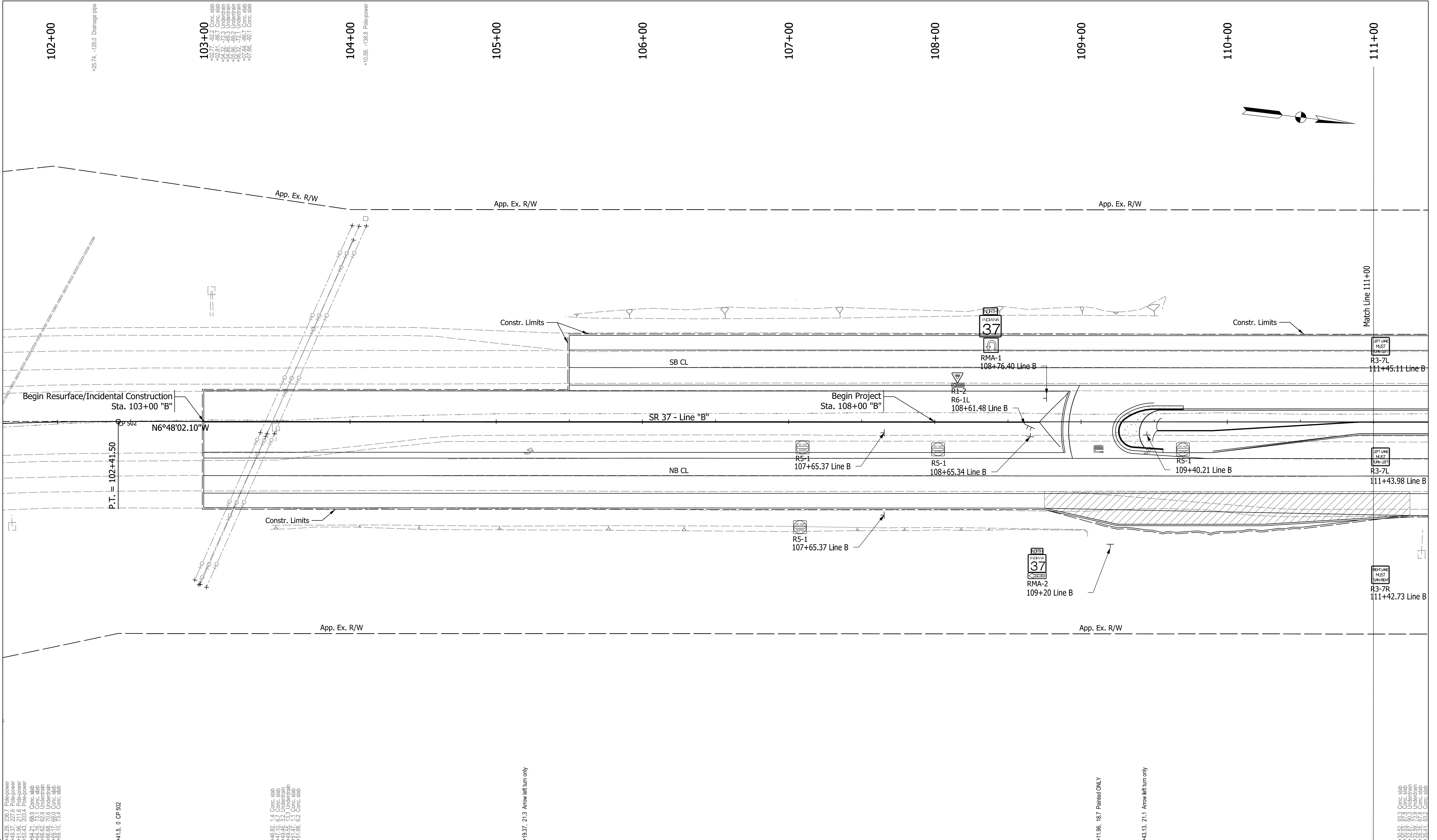
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2022	DRAWN: CPM
CHECKED: MRS	March 2022	CHECKED: MRS
	March 2022	March 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

**NORTH MEDIAN U-TURN DETAILS  
AND SPOT DETAILS**

SCALE	BRIDGE FILE
1"=10'	
	DESIGNATION
	1800371
	SHEETS
	24 of 51
CONTRACT	PROJECT
R-42414	1800371





NOTE: Pavement Markings will be added to the plans at a later submittal.

DESIGNED: ADD	10/2021	DRAWN: ADD	10/2021
CHECKED: PTP	10/2021	CHECKED: PTP	10/2021

INDIANA DEPARTMENT OF TRANSPORTATION  
SIGN & PAVEMENT MARKING DETAILS 1 OF 3  
LINE "B"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE

SCALE  
1" = 30'

BRIDGE FILE	1800371
DESIGNATION	
SHEETS	25 of 51
PROJECT	

CONTRACT  
R-42414

Plot: 4/14/2022 9:06 PM  
+48.29, 236.7 Pole-power  
+49.37, 227.6 Pole-power  
+50.45, 218.5 Pole-power  
+51.53, 209.4 Pole-power  
+64.21, 68.0 Conc. slab  
+65.15, 73.0 Conc. slab  
+66.08, 70.6 Underdrain  
+68.17, 69.0 Conc. slab  
+69.16, 78.4 Conc. slab

+41.5, 0 CP 502

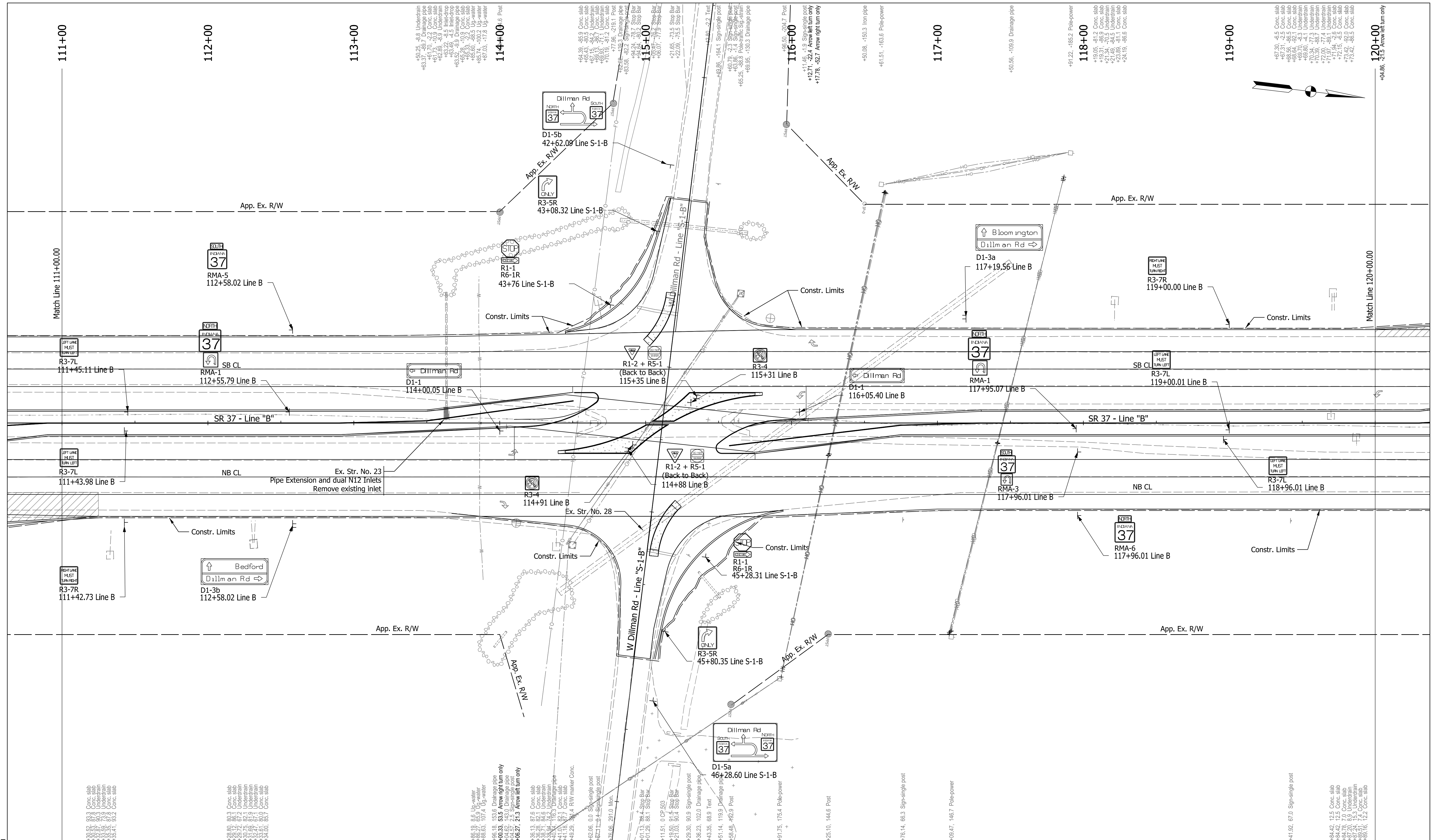
+46.82, 1.4 Conc. slab  
+47.80, 6.7 Conc. slab  
+48.78, 13.0 Underdrain  
+49.75, 13.3 Conc. slab  
+51.74, 6.1 Conc. slab

+19.37, 21.3 Arrow left turn only

+11.96, 18.7 Painted ONLY

+43.13, 21.1 Arrow left turn only

+69.93, 90.0 Conc. slab  
+70.89, 90.0 Underdrain  
+71.85, 90.0 Conc. slab  
+72.81, 90.0 Conc. slab  
+73.77, 90.0 Conc. slab  
+74.73, 90.0 Conc. slab  
+75.69, 90.0 Conc. slab  
+76.65, 90.0 Conc. slab



NOTE: Pavement Markings will be added to the plans at a later submittal.

Plot: 4/14/2022 9:07 PM

File: pw:\indot-pw.bentley.com\indot-pw-01\Documents\Seymour\1800371\Signs Signals and Lighting\MS\Sht Pavement Markings Signs Details\_2.dgn  
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ADD	10/2021	DRAWN: ADD 10/2021
CHECKED: PTP	10/2021	CHECKED: PTP 10/2021

INDIANA DEPARTMENT OF TRANSPORTATION	
SIGN & PAVEMENT MARKING DETAILS 2 OF 3 LINE "B"	

SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
	1800371
	SHEETS
	26 of 51
CONTRACT	PROJECT
R-42414	

Plot: 4/14/2022 9:07 PM

+84.42, 12.5 Conc. slab  
 +84.42, 12.5 Conc. slab  
 +87.20, 6.9 Underdrain  
 +87.20, 6.9 Underdrain  
 +87.24, 15.3 Underdrain  
 +88.76, 12.2 Conc. slab

+72.00, 77.4 Underdrain  
 +71.84, 29.6 Underdrain  
 +72.15, -6.5 Conc. slab  
 +73.42, -82.0 Conc. slab  
 +73.42, -86.3 Conc. slab

120+00  
 +64.86, -27.9 Arrow left turn only

+65.22, -52.2 Arrow right turn only

121+00

122+00

123+00

+99.42, -20.7 Arrow left turn only

124+00

+99.71, -0.4 Underdrain  
 +99.71, -0.4 Underdrain  
 +99.84, -9.4 Underdrain  
 +99.89, -0.6 Conc. slab  
 +99.95, -9.2 Underdrain  
 +99.95, -9.2 Underdrain  
 +101.01, -0.2 Underdrain  
 +101.72, -9.7 Underdrain  
 +102.95, -9.6 Underdrain  
 +102.95, -9.6 Underdrain  
 +103.49, -8.2 Conc. slab

125+00

126+00

+15.56, -16.6 Wheel Guard  
 +15.56, -16.6 Wheel Guard  
 +15.56, -16.6 Deck  
 +23.20, -81.4 Bench mark  
 +27.44, -59.8 Wheel Guard  
 +27.43, -58.0 Wheel Guard  
 +34.82, -20.2 Inlet-drop

127+00

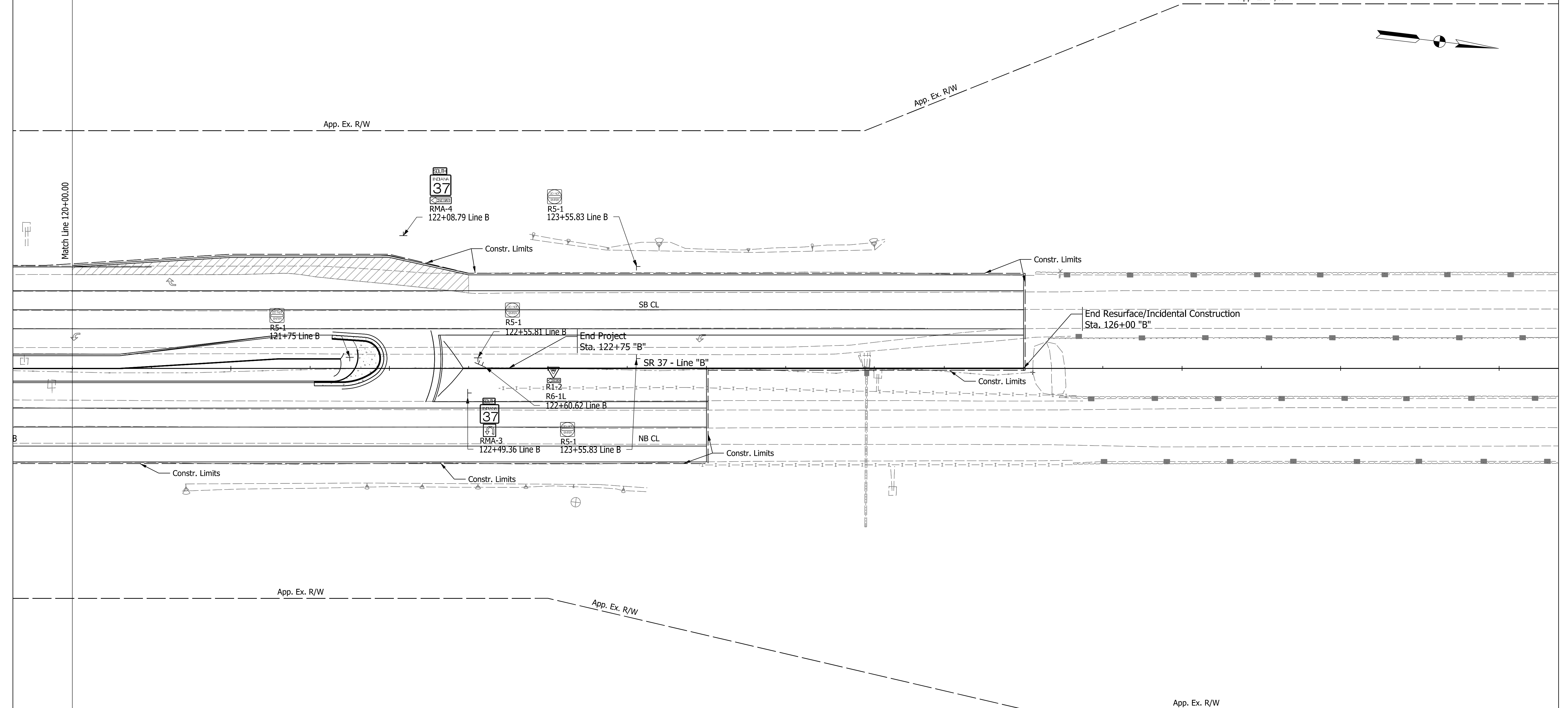
+14.64, -19.4 Deck  
 +14.64, -19.4 Deck  
 +14.64, -18.9 Wheel Guard  
 +47.29, -58.8 Wheel Guard  
 +47.43, -59.1 Deck  
 +47.43, -59.1 Inlet-drop  
 +54.84, -18.9 Wheel Guard  
 +54.86, -19.3 Deck  
 +54.86, -19.3 Inlet-drop  
 +87.05, -59.9 Wheel Guard  
 +87.12, -59.0 Deck  
 +87.12, -59.0 Deck

128+00

+27.78, -59.9 Wheel Guard  
 +27.89, -59.1 Inlet-drop  
 +27.89, -59.1 Deck  
 +34.85, -19.2 Deck  
 +34.85, -19.2 Inlet-drop  
 +34.91, -18.9 Wheel Guard  
 +67.28, -60.1 Wheel Guard  
 +67.39, -59.1 Inlet-drop  
 +67.39, -59.1 Deck  
 +74.88, -19.3 Deck  
 +74.88, -19.3 Wheel Guard  
 +75.00, -18.7 Wheel Guard

129+00

+66.22, -59.1 Wheel Guard  
 +67.27, -59.1 Inlet-drop  
 +67.27, -59.1 Deck  
 +14.80, -18.4 Inlet-drop  
 +14.80, -18.4 Inlet-drop  
 +14.93, -18.9 Wheel Guard



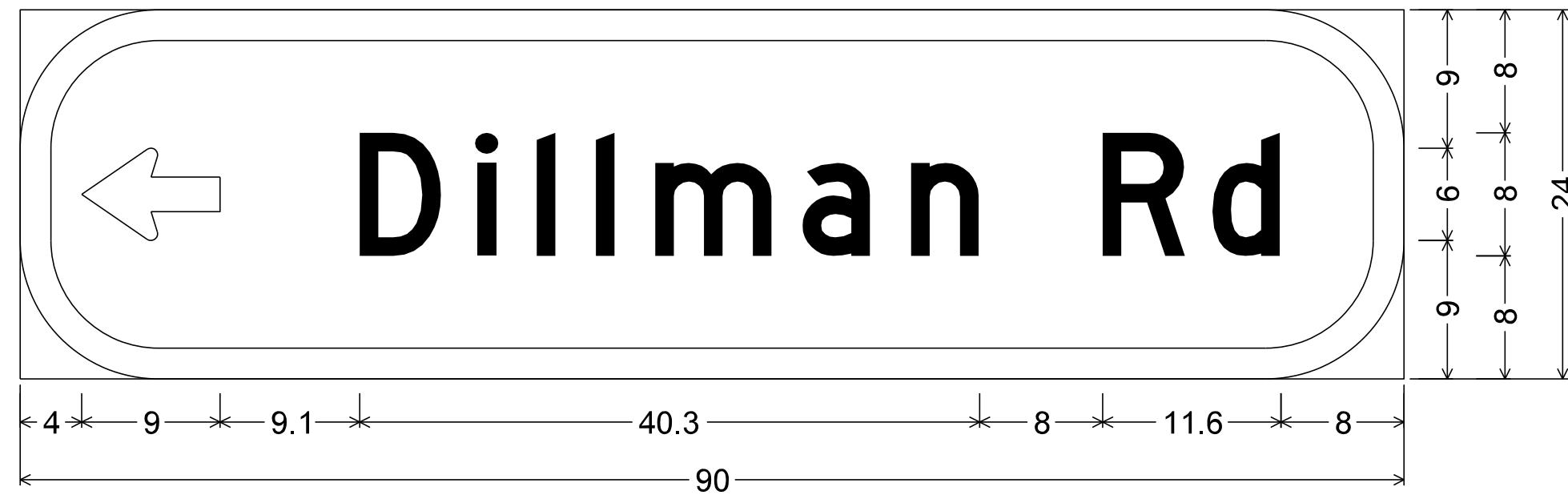
NOTE: Pavement Markings will be added to the plans at a later submittal.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ADD	10/2021	DRAWN: ADD 10/2021
CHECKED: PTP	10/2021	CHECKED: PTP 10/2021

**INDIANA DEPARTMENT OF TRANSPORTATION**

**SIGN & PAVEMENT MARKING DETAILS 3 OF 3 LINE "B"**

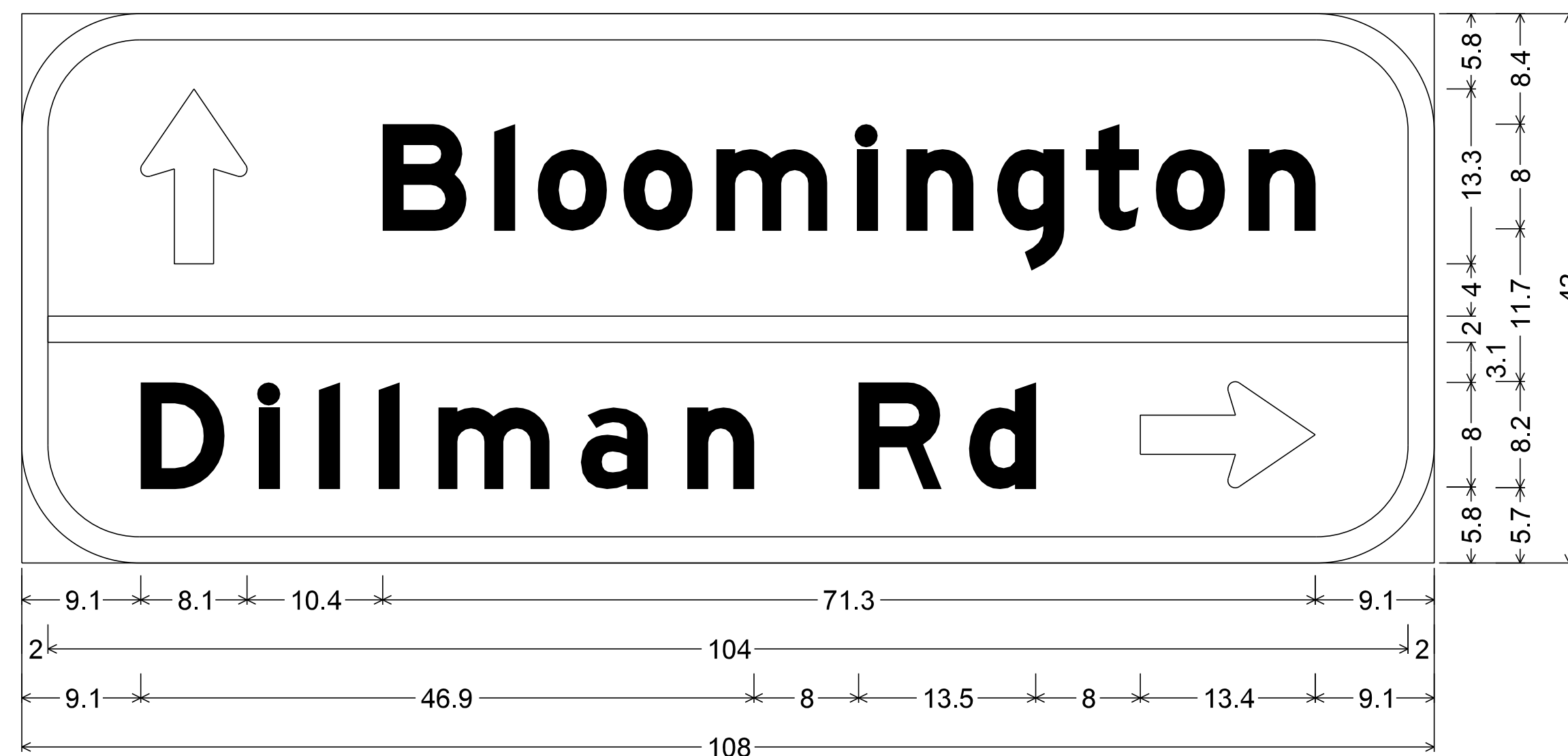
SCALE	BRIDGE FILE
1" = 30'	
	DESIGNATION
	1800371
	SHEETS
	27 of 51
CONTRACT	PROJECT
R-42414	



9.0" Radius, 2.0" Border, White on Green;  
 Standard Arrow Custom 9.0" X 6.0" 180°; "Dillman Rd", D;  
 Table of widths and spaces

←	D	i	l	l	l	m	a	n	R	d										
4.0	9.0	9.1	5.4	2.2	1.3	2.6	1.2	2.6	1.3	2.6	7.5	2.1	4.4	2.6	4.5	8.0	5.4	1.7	4.5	8.0

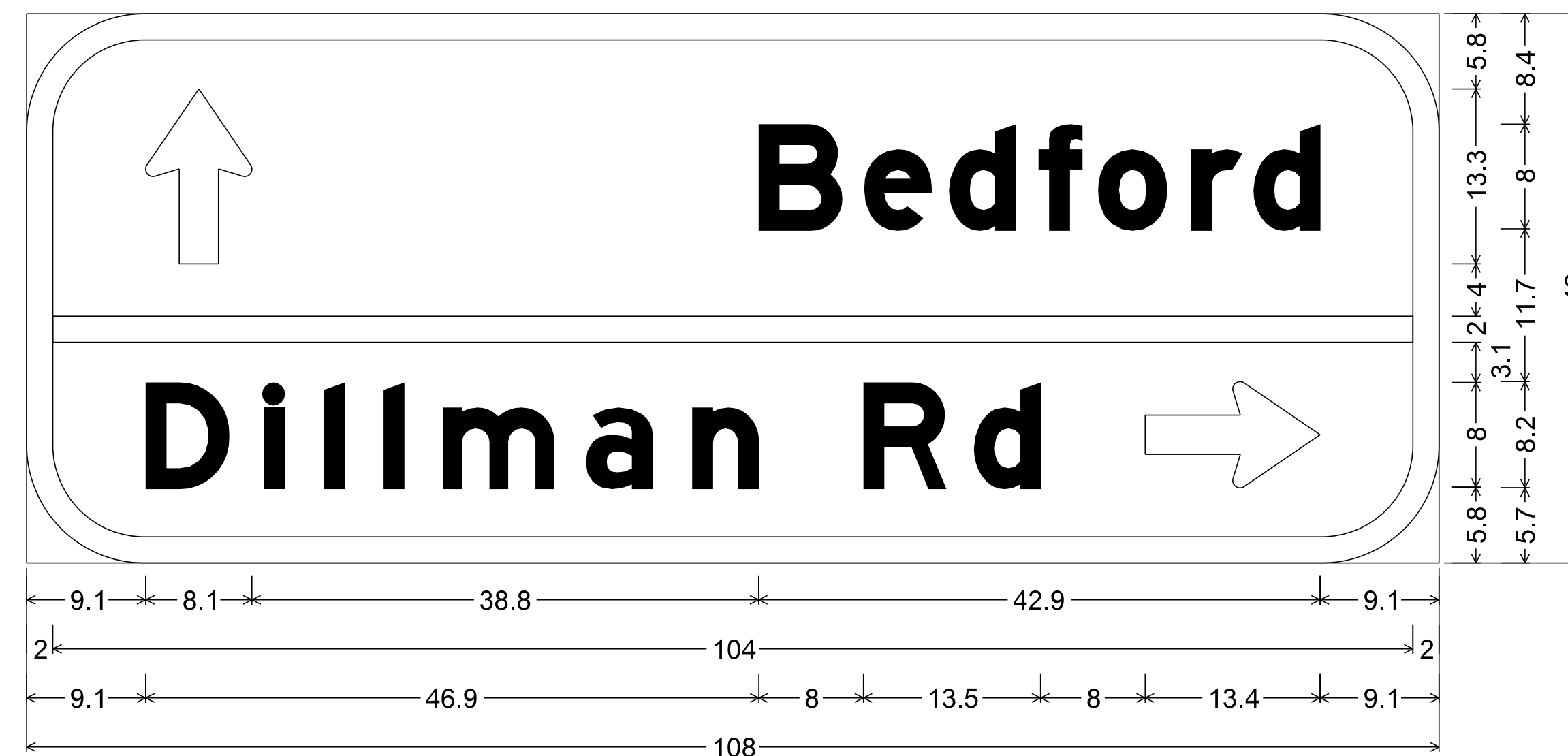
**D1-1**  
 Sta. 114+00.05  
 Sta. 116+05.40  
 (Line B)



9.0" Radius, 2.0" Border, White on Green;  
 Standard Arrow Custom 13.4" X 8.1" 90°; "Bloomington", E Mod 75% spacing; "Dillman Rd", E Mod;  
 Standard Arrow Custom 13.4" X 8.1" 0°;  
 Table of widths and spaces

↑	B	i	o	o	m	i	n	g	t	o	n													
9.1	8.1	10.4	6.4	2.1	1.5	1.9	5.2	1.3	5.3	1.8	8.4	2.3	1.5	2.3	5.1	1.9	5.1	1.7	4.0	1.3	5.3	1.8	5.1	9.1
2.0	104.0	2.0																						
D	i	l	l	m	a	n	R	d	→															
9.1	6.4	2.7	1.5	3.0	1.5	3.1	1.5	3.1	8.4	2.5	5.0	3.1	5.1	8.0	6.4	2.0	5.1	8.0	13.4	9.1				

**D1-3a**  
 Sta. 117+19.56  
 (Line B)



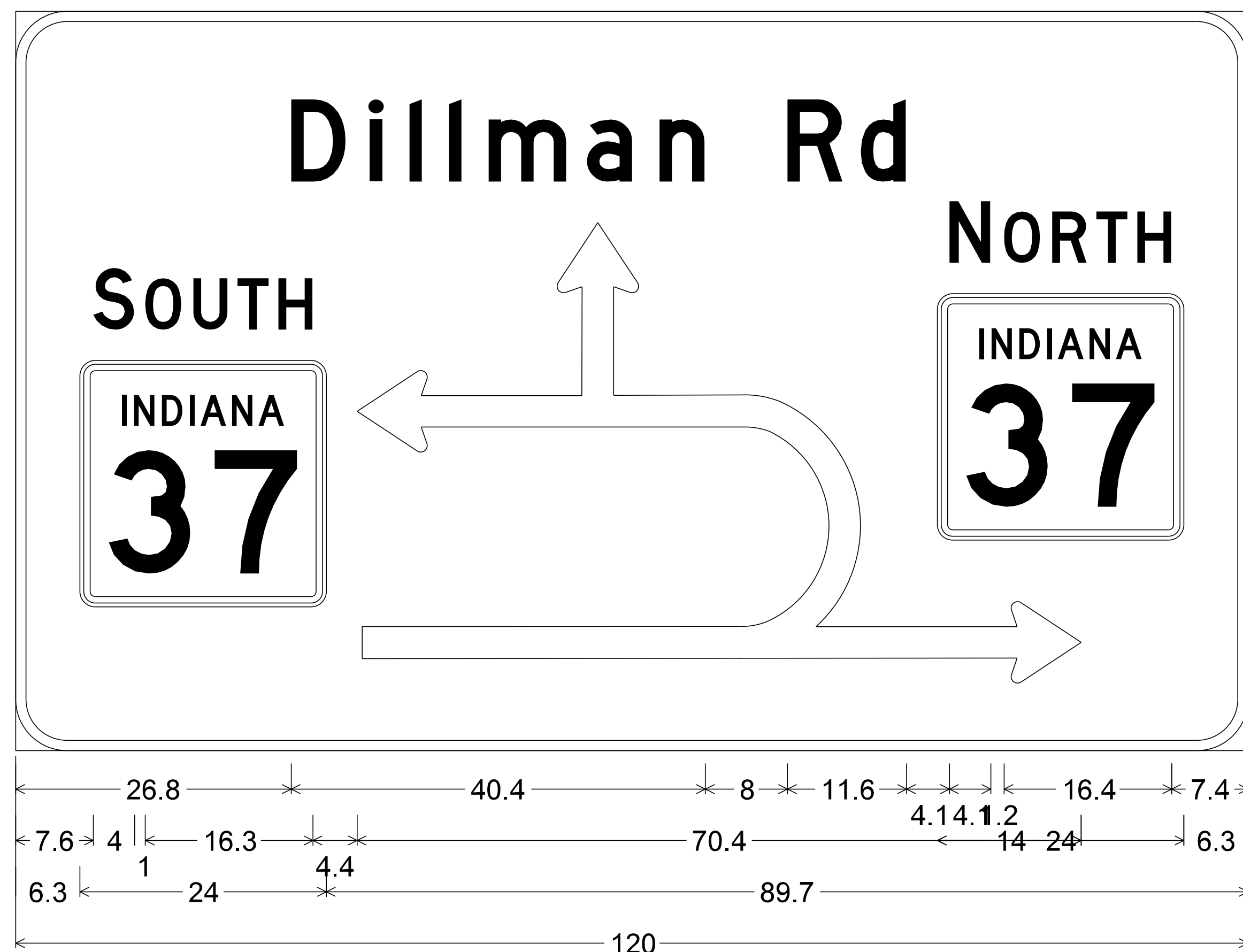
9.0" Radius, 2.0" Border, White on Green;  
 Standard Arrow Custom 13.4" X 8.1" 90°; "Bedford", E Mod 75% spacing; "Dillman Rd", E Mod;  
 Standard Arrow Custom 13.4" X 8.1" 0°;  
 Table of widths and spaces

↑	B	e	d	f	o	r	d													
9.1	8.1	38.8	6.3	1.7	5.1	1.4	5.1	1.8	3.2	1.3	5.3	1.8	3.9	0.9	5.1	9.1				
2.0	104.0	2.0																		
D	i	l	l	m	a	n	R	d	→											
9.1	6.4	2.7	1.5	3.0	1.5	3.1	1.5	3.1	8.4	2.5	5.0	3.1	5.1	8.0	6.4	2.0	5.1	8.0	13.4	9.1

**D1-3b**  
 Sta. 112+58.02  
 (Line B)

Plot: 4/14/2022 9:10 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE	BRIDGE FILE
			NTS	DESIGNATION
	DESIGNED: ADD 10/2021	DRAWN: ADD 10/2021	PANEL SIGN SHOP DRAWINGS 1 OF 3	
CHECKED: PTP 10/2021	CHECKED: PTP 10/2021	CONTRACT R-42414		28 of 51 PROJECT

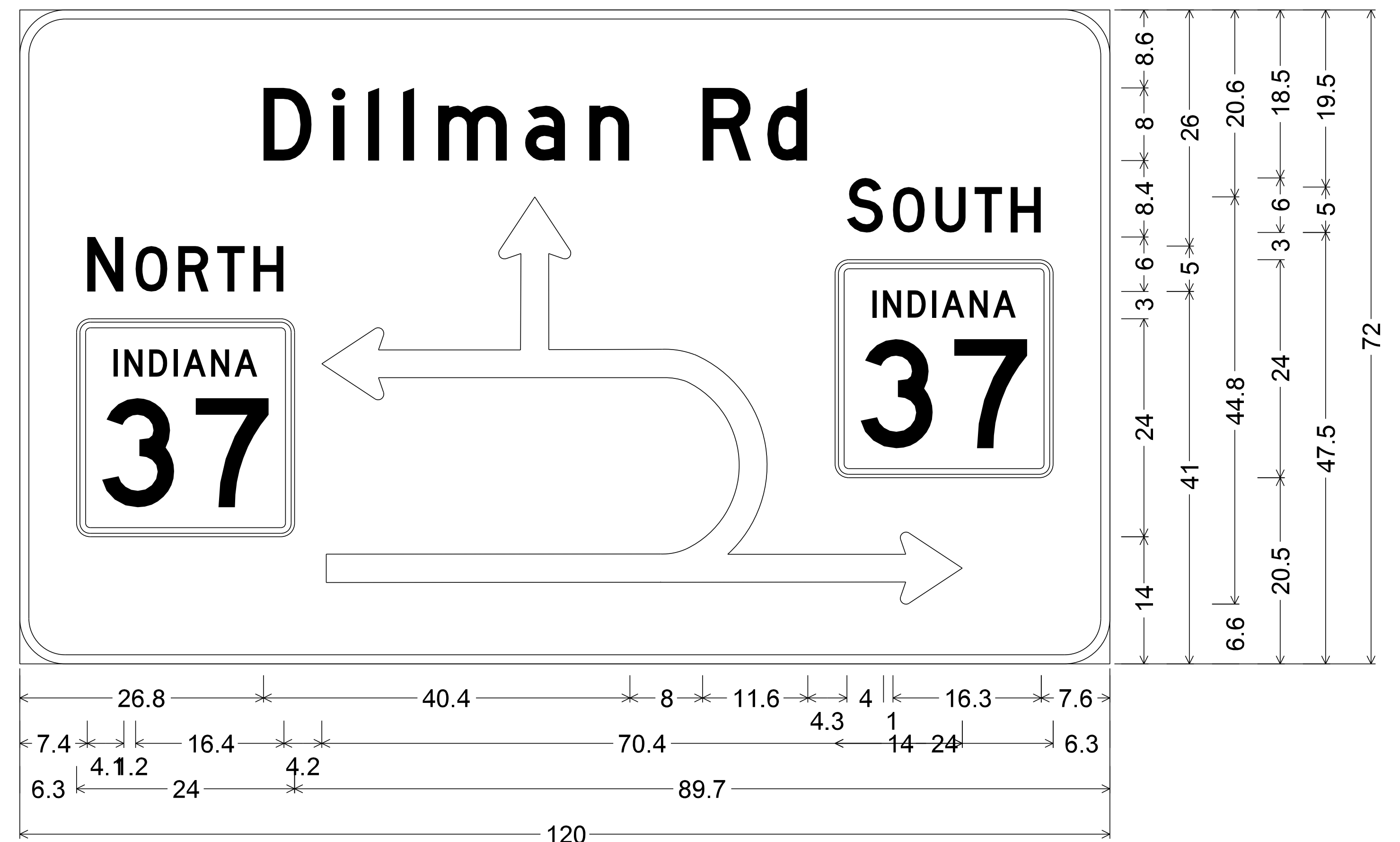


5.0" Radius, 1.0" Border, White on Green;  
 "Dillman Rd", D; "SOUTH", D; State Highway 37 M1-6; "NORTH", D;  
 State Highway 37 M1-6;

Table of widths and spaces

26.8	D	i	l	l	m	a	n	R	d
5.4	2.3	1.2	2.6	1.3	2.6	1.2	2.7	7.4	2.1
4.5	2.6	4.5	8.0	5.3	1.8	4.4			
N O R T H									
4.2	4.1	1.2	3.6	1.1	3.4	0.9	3.1	0.9	3.4
S O U T H									
7.6	4.0	1.0	3.5	1.2	3.4	0.9	3.0	1.0	3.3
4.4	70.4	-13.9	24.0	6.2					
6.3	24.0	89.7							

**D1-5a**  
 Sta. 46+28.60  
 (Line S-1-B)



5.0" Radius, 1.0" Border, White on Green;  
 "Dillman Rd", D; "NORTH", D; State Highway 37 M1-6; "SOUTH", D;  
 State Highway 37 M1-6;

Table of widths and spaces

26.8	D	i	l	l	m	a	n	R	d
5.4	2.3	1.2	2.6	1.3	2.6	1.2	2.7	7.4	2.1
4.5	2.6	4.5	8.0	5.3	1.8	4.4			
S O U T H									
4.4	4.0	1.0	3.5	1.2	3.4	0.9	3.0	1.0	3.3
N O R T H									
7.4	4.1	1.2	3.6	1.1	3.4	0.9	3.1	0.9	3.4
4.4	70.4	-13.9	24.0	6.2					
6.3	24.0	89.7							

**D1-5b**  
 Sta. 42+62.09  
 (Line S-1-B)

Plot: 4/14/2022 9:10 PM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION	SCALE	BRIDGE FILE
						NTS	
DESIGNED: ADD	10/2021	DRAWN: ADD	10/2021		PANEL SIGN SHOP DRAWINGS 2 OF 3	DESIGNATION	
CHECKED: PTP	10/2021	CHECKED: PTP	10/2021			1800371	
					SHEETS		
					29 of 51		
					CONTRACT		
					R-42414		
					PROJECT		



RMA-1  
Sta. 108+76.40



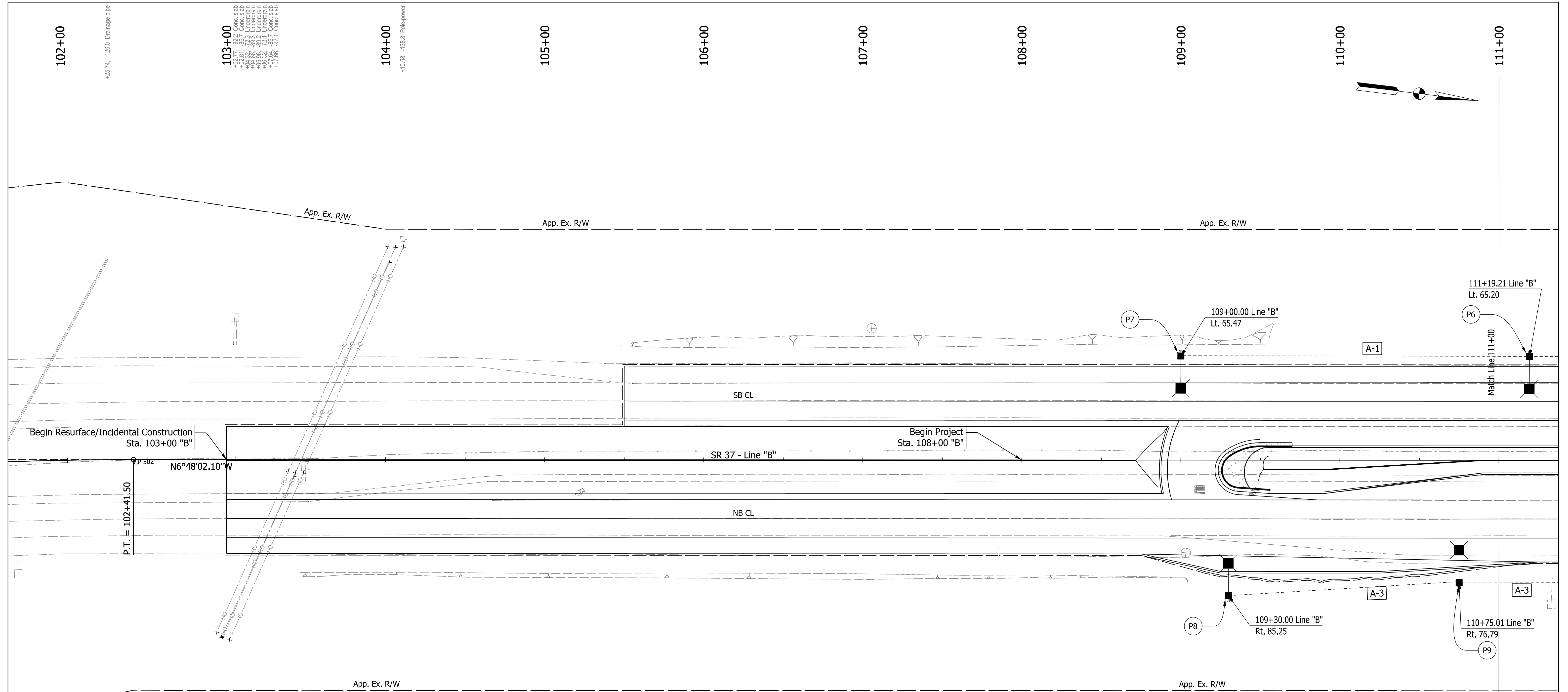
RMA-2  
Sta. 07+08



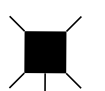


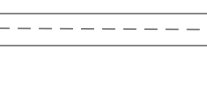
RMA-3  
Sta. 117+96.01

Plot: 4/14/2022 9:10 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE	BRIDGE FILE
			NTS	DESIGNATION
DESIGNED: ADD 10/2021 DRAWN: ADD 10/2021	PANEL SIGN SHOP DRAWINGS 3 OF 3		SHEETS	
CHECKED: PTP 10/2021 CHECKED: PTP 10/2021			30	of
			CONTRACT	PROJECT
			R-42414	



**LEGEND**

-  New LED High Lumen Roadway Luminaire on Breakaway Base (Breakaway Transformer Base, Breakaway Couplings)
-  Lighting Service Point II
-  4-IC No. 4 Copper Conductor in Plastic Duct in Trench
-  4-IC No. 4 Copper Conductor in Plastic Duct in 2" Galvanized Steel Conduit

+48.29, 236.7 Pole-power  
 +49.37, 227.6 Pole-power  
 +50.45, 218.5 Pole-power  
 +51.53, 209.4 Pole-power  
 +64.21, 68.0 Conc. slab  
 +64.15, 73.0 Conc. slab  
 +64.10, 78.0 Conc. slab  
 +66.68, 70.6 Underdrain  
 +69.17, 69.0 Conc. slab  
 +69.16, 78.4 Conc. slab

+41.5, 0 CP 502

+46.82, 1.4 Conc. slab  
 +47.90, 6.7 Conc. slab  
 +48.98, 12.0 Conc. slab  
 +49.05, 13.3 Underdrain  
 +51.48, 6.1 Conc. slab  
 +51.48, 6.1 Conc. slab

+19.37, 21.3 Arrow left turn only

+11.96, 18.7 Painted ONLY

+43.13, 21.1 Arrow left turn only

+69.99, 69.99 Conc. slab  
 +69.99, 69.99 Underdrain  
 +69.99, 69.99 Conc. slab  
 +69.99, 69.99 Conc. slab  
 +69.99, 69.99 Conc. slab  
 +69.99, 69.99 Conc. slab

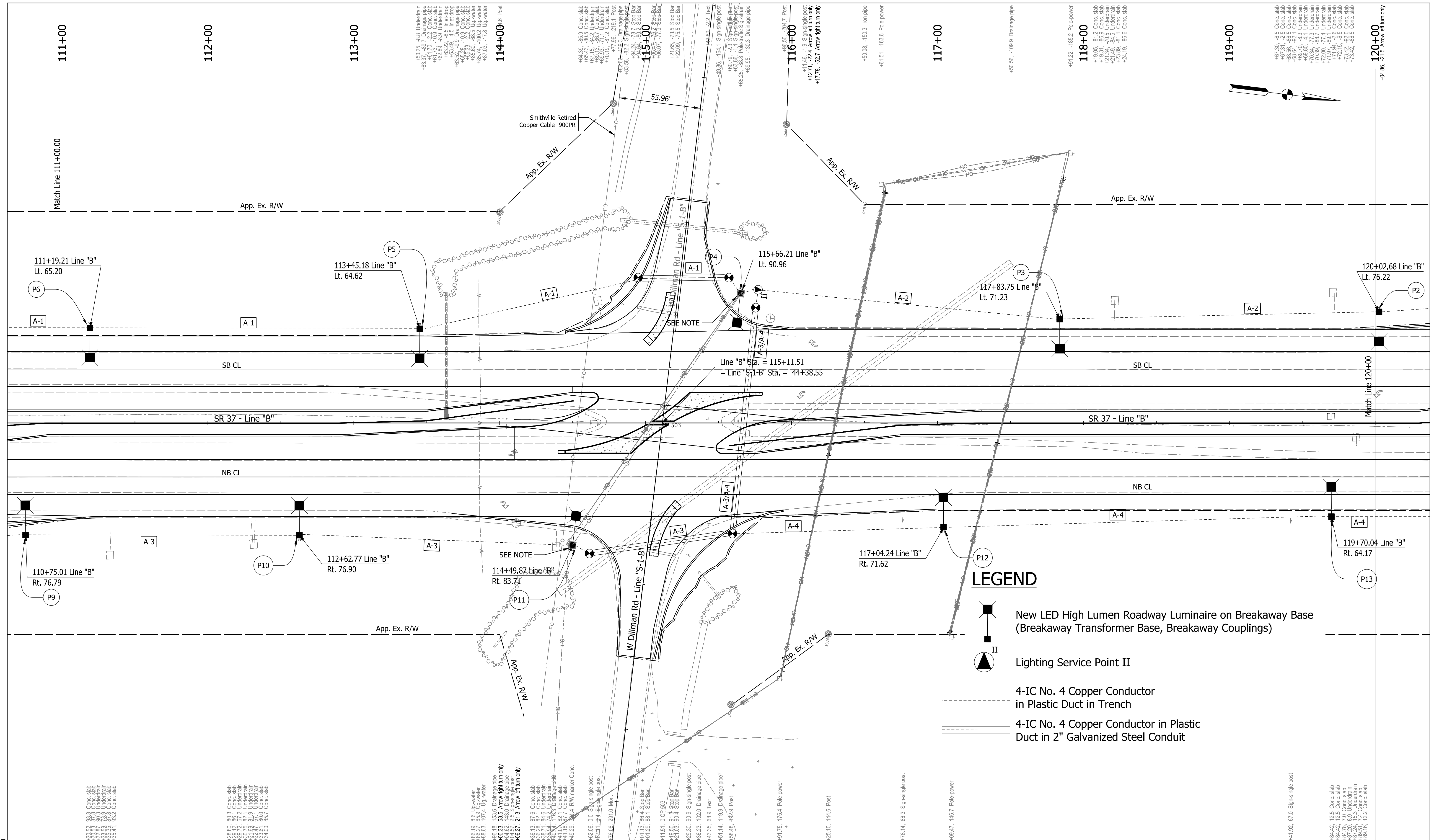
**NOTE:** The Contractor shall use ERL2\_28C340\_ies or approved equivalent luminaire. For Details of Lighting Luminaires Refer to Lighting Detail Sheet

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ADD	10/2021	DRAWN: ADD 10/2021
CHECKED: PTP	10/2021	CHECKED: PTP 10/2021

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**LIGHTING PLAN DETAILS**  
**LINE "B"**

PAGE 1 OF 3

SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
	1800371
	SHEETS
	31 of 51
CONTRACT	PROJECT
R-42414	



**LEGEND**

- New LED High Lumen Roadway Luminaire on Breakaway Base (Breakaway Transformer Base, Breakaway Couplings)
- Lighting Service Point II
- 4-IC No. 4 Copper Conductor in Plastic Duct in Trench
- 4-IC No. 4 Copper Conductor in Plastic Duct in 2" Galvanized Steel Conduit

**NOTE:** The Contractor shall use ERL2\_28C340\_ies or approved equivalent luminaire. For Details of Lighting Luminaires Refer to Lighting Detail Sheet The Luminaire is mounted on a new 15 Ft. Lighting Mast Arm on existing Signal Strain Pole.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ADD	10/2021	DRAWN: ADD 10/2021
CHECKED: PTP	10/2021	CHECKED: PTP 10/2021

**INDIANA DEPARTMENT OF TRANSPORTATION**

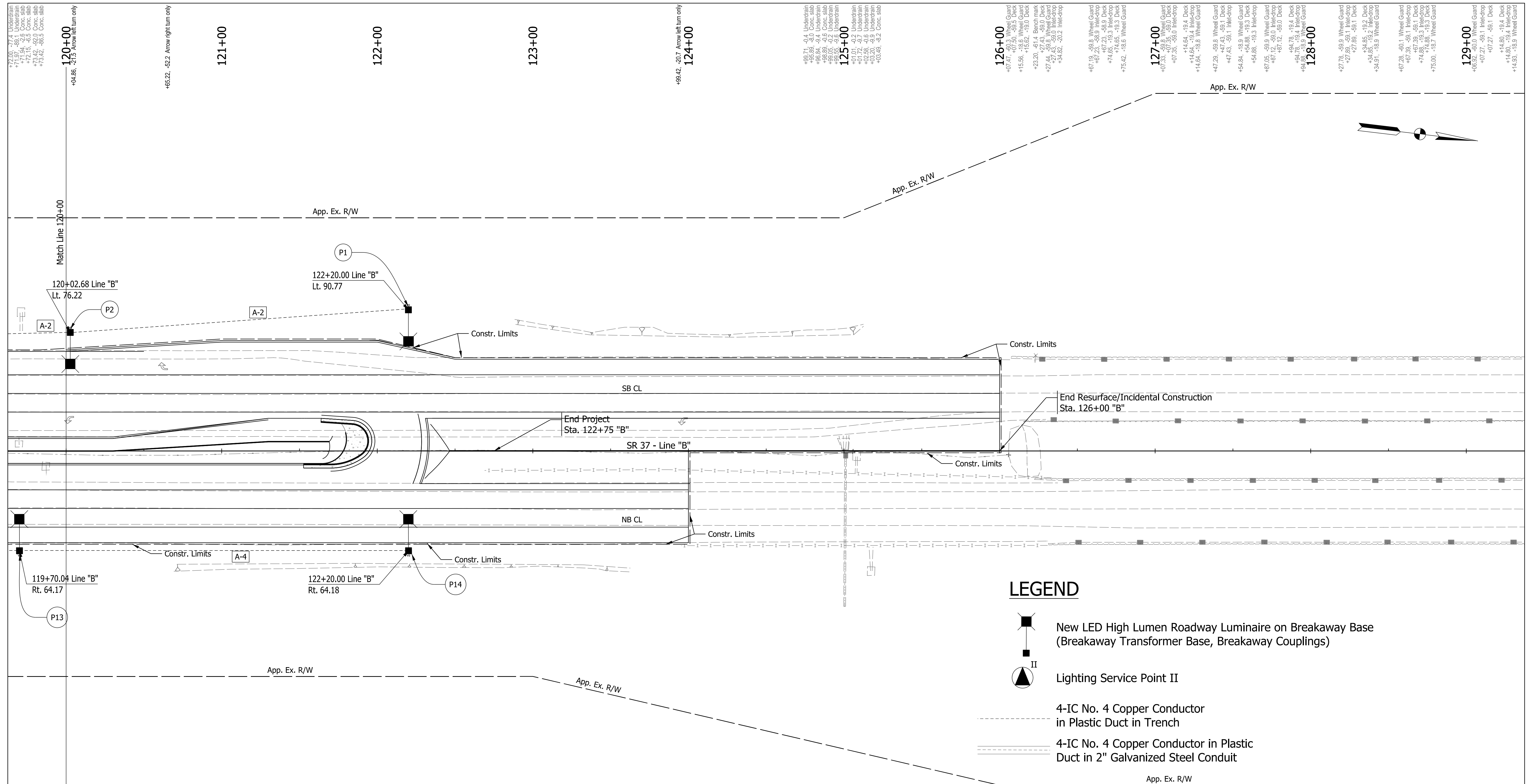
**LIGHTING PLAN DETAILS LINE "B"**

PAGE 2 OF 3

SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
	1800371
	SHEETS
	32 of 51
CONTRACT	PROJECT
R-42414	

Plot: 4/14/2022 9:11 PM





+12.00, -7.4 Underdrain  
 +17.04, -2.6 Underdrain  
 +17.14, -2.6 Conc. slab  
 +17.15, -2.6 Conc. slab  
 +17.21, -2.6 Conc. slab  
 +17.32, -2.6 Conc. slab  
 +17.42, -2.6 Conc. slab  
 +17.52, -2.6 Conc. slab

120+00  
 +04.86, -2.75 Arrow left turn only

+65.21, -5.2 Arrow right turn only

121+00

122+00

123+00

+99.42, -20.7 Arrow left turn only

124+00

+99.71, -0.4 Underdrain  
 +99.81, -0.4 Underdrain  
 +99.89, -0.6 Conc. slab  
 +99.95, -0.6 Conc. slab  
 +100.05, -0.2 Underdrain  
 +100.15, -0.2 Underdrain  
 +101.01, -0.2 Underdrain  
 +101.72, -0.7 Underdrain  
 +102.35, -0.6 Underdrain  
 +102.91, -0.6 Underdrain  
 +103.49, -0.2 Conc. slab

125+00

126+00

127+00

128+00

129+00

+06.22, -0.2 Wheel Guard  
 +07.27, -0.1 Inlet-drop  
 +07.27, -0.1 Deck  
 +11.59, -16.4 Deck  
 +14.80, -16.4 Inlet-drop  
 +14.93, -16.9 Wheel Guard

+84.42, 12.5 Conc. slab  
 +84.42, 12.5 Conc. slab  
 +87.20, 6.9 Underdrain  
 +87.24, 15.3 Underdrain  
 +88.16, 1.22 Conc. slab

119+00  
 Rt. 64.17

122+00  
 Rt. 64.18

+100.42, 100.0 Drainage pipe  
 +101.99, 4.2 Drainage pipe  
 +102.65, -0.9 Conc. slab  
 +102.65, 0.0 Conc. slab  
 +105.69, 0.0 Conc. slab  
 +107.19, 14.2 Underdrain  
 +108.39, 3.7 Underdrain  
 +109.1, 0.7 Conc. slab  
 +109.1, 0.7 Conc. slab  
 +14.97, 80.1 Conc. slab  
 +15.12, 74.4 Conc. slab  
 +17.05, 77.0 Underdrain  
 +17.05, 77.0 Underdrain  
 +18.11, 77.0 Underdrain  
 +18.21, 80.0 Underdrain  
 +18.21, 80.0 Underdrain  
 +19.93, 74.6 Conc. slab

+22.57, 18.3 Deck  
 +22.57, 18.3 Wheel Guard  
 +31.37, 59.6 Deck  
 +31.44, 59.9 Wheel Guard  
 +42.56, 18.4 Wheel Guard  
 +42.70, 19.1 Inlet-drop  
 +50.74, 59.5 Wheel Guard  
 +50.78, 59.7 Inlet-drop

+82.86, 18.9 Deck  
 +82.90, 18.5 Wheel Guard  
 +82.90, 18.5 Wheel Guard  
 +90.38, 59.8 Deck  
 +90.39, 59.6 Wheel Guard

+22.99, 18.4 Wheel Guard  
 +22.74, 19.0 Inlet-drop  
 +30.23, 59.3 Wheel Guard  
 +30.36, 59.7 Inlet-drop

+62.21, 18.2 Wheel Guard  
 +62.80, 19.0 Inlet-drop  
 +62.80, 19.0 Wheel Guard  
 +70.39, 59.3 Wheel Guard

+02.05, 18.0 Wheel Guard  
 +02.56, 18.9 Deck  
 +02.56, 18.9 Deck  
 +10.78, 59.2 Wheel Guard  
 +10.28, 58.7 Deck

+41.51, 19.0 Inlet-drop  
 +41.53, 18.2 Wheel Guard  
 +49.39, 59.5 Wheel Guard  
 +49.39, 59.6 Inlet-drop

+62.51, 18.0 Wheel Guard  
 +62.52, 18.9 Inlet-drop  
 +62.52, 18.9 Deck  
 +67.27, 59.8 Deck  
 +67.27, 59.8 Wheel Guard  
 +80.37, 59.6 Inlet-drop  
 +80.37, 59.6 Inlet-drop  
 +80.38, 59.3 Wheel Guard  
 +80.38, 59.3 Wheel Guard

NOTE: The Contractor shall use ERL2\_28C340 .ies or approved equivalent luminaire. For Details of Lighting Luminaires Refer to Lighting Detail Sheet

Plot: 4/14/2022 9:11 PM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ADD	10/2021	DRAWN: ADD 10/2021
CHECKED: PTP	10/2021	CHECKED: PTP 10/2021

**INDIANA DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN DETAILS LINE "B" PAGE 3 OF 3**

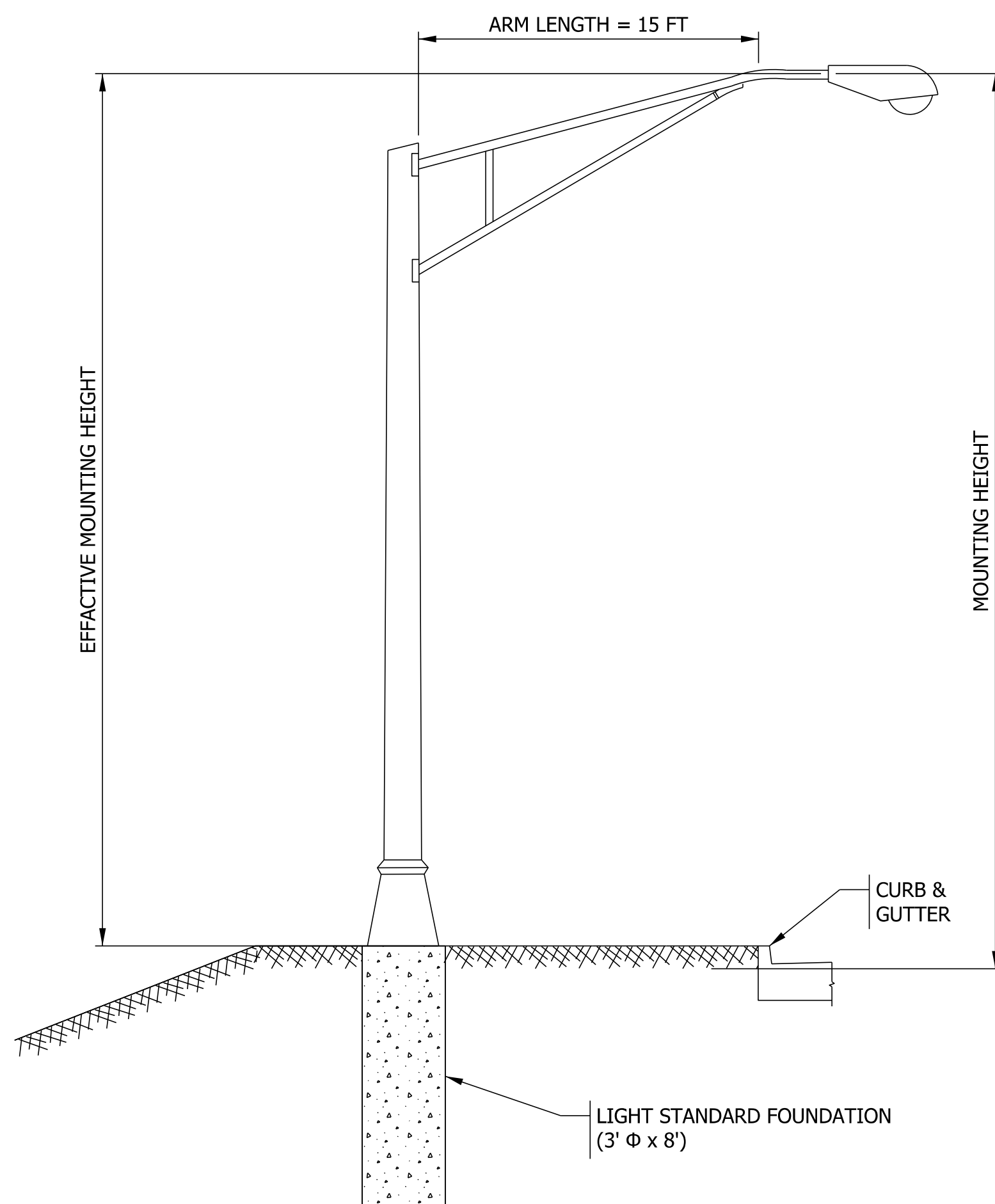
SCALE	BRIDGE FILE
1" = 30'	1800371
	DESIGNATION
	33 of 51
CONTRACT	PROJECT
R-42414	

### LUMINAIRE TABLE

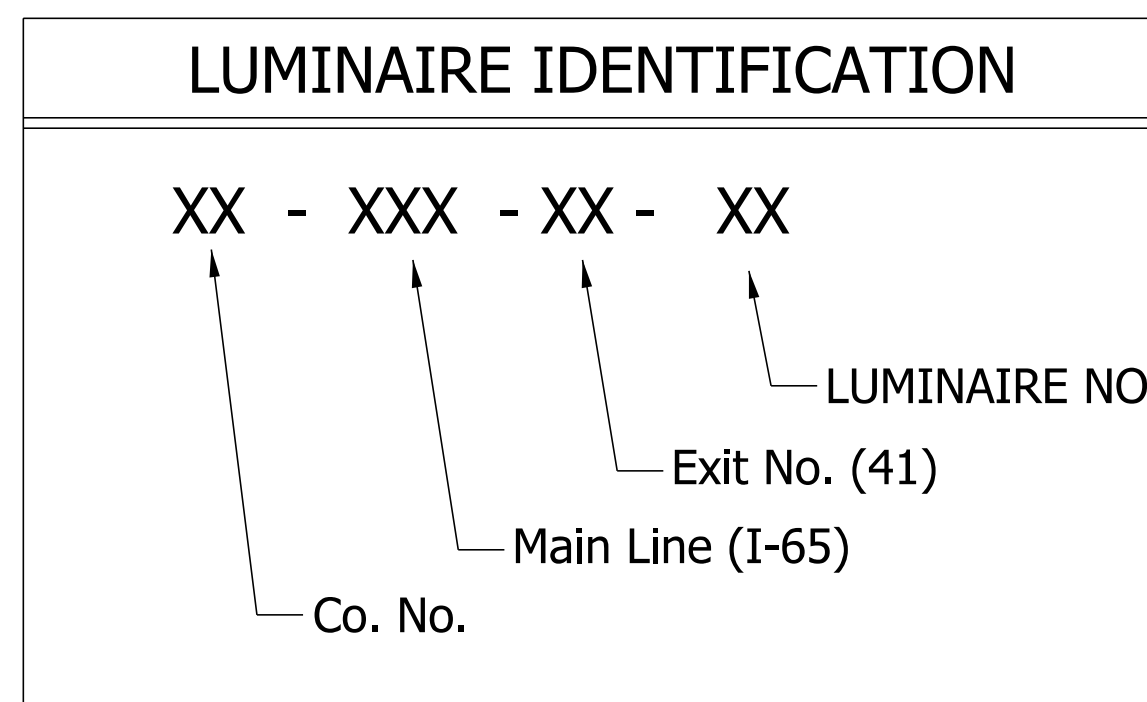
HIGH MAST TOWER NO.	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14
NO. OF LUMINAIRE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CIRCUIT CONNECTION	A-2	A-2	A-2	A-1	A-1	A-1	A-1	A-3	A-3	A-3	A-3	A-4	A-4	A-4
CONNECTION TYPE	I	II	II	II	II	II	I	I	II	II	II	II	II	I
POLE SET BACK (FT)	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
MAST ARM LENGTH (FT)	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
TOP FOUNDATION ELEVATION WITH RESPECT TO EDGE OF PAVEMENT														
SET BACK FROM	FRONT FACE OF CURB													
	FRONT FACE OF GUARD RAIL													
	EDGE OF PAVEMENT	X	X	X	X	X	X	X	X	X	X	X	X	X
	EDGE OF SHOULDER													
LUMINAIRE E.M.H. (FT)	40	40	40	40	40	40	40	40	40	40	40	40	40	40

THE LUMINAIRE SHALL PROVIDE LIGHT DISTRIBUTION EQUIVALENT TO ERL2\_28C340 .ies

NOTE: ALL LUMINAIRES ARE MOUNTED ON A 15' MAST ARM.



**TYPICAL LIGHT STANDARD**

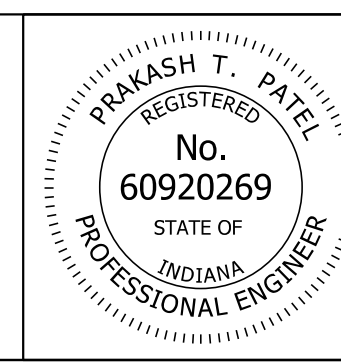


### DESIGN DATA

INITIAL LAMP LUMEN (LL) 196 WATTS LED	22,999 LUMENS
AVERAGE MAINTAINED ILLUMINATION (EL)	1.6 fc
LIGHT LOSS FACTOR (LLF)	0.87
UNIFORMITY RATIO	5.3:01 (SR 37 NB)
	4.0:01 (SR 37 SB)
MOUNTING HEIGHT, CONVENTIONAL POLE	40 FT
LUMINAIRE CLASSIFICATION	Medium Type III

Plot: 4/14/2022 9:11 PM

File: pw:\indot-pw.bentley.com:indot-pw-01\Documents\Seymour\1800371\Signs Signals and Lighting\MS\Sh\_Lighting Details.dgn  
Model: Default



RECOMMENDED FOR APPROVAL	<i>Prakash T. Patel</i>	
	DESIGN ENGINEER	DATE
DESIGNED: ADD	9/2021	DRAWN: ADD 9/2021
CHECKED: PTP	9/2021	CHECKED: PTP 9/2021

INDIANA DEPARTMENT OF TRANSPORTATION
<b>LIGHTING DETAIL SHEET</b>

SCALE NTS	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 34 of 51
CONTRACT R-42414	PROJECT

STRUCTURE DATA																																		
STRUCTURE NUMBER	LOCATION				PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH		FLOW LINE			SERVICE LIFE YR	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL	REVISIONS	GEOTEXTILE FOR RIPRAP, TYPE 1A	CONCRETE, CLASS A, FOR STR.	VIDEO INSPECTION PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			REMARKS							
	STATION	LEFT	CROSS	RIGHT			SIZE IN.	LFT	FT	ELEV.	DOWN STREAM ELEV.										TYPE	CYS	TONS	SYS	CYS	LFT		EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.
10	544+60	X			18	2	Modified N12	100	0	2.96	643.79	642.79																					Trenchless Install	
<b>TOTALS</b>																																		

PAVEMENT QUANTITIES AND APPROACH TABLE																																									
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH FT	LENGTH FT	GRADE		EXCAVATION		HMA					SUBGRADE TREATMENT, TYPE 1C	ASPHALT MATERIAL FOR PRIME COAT	ASPHALT MATERIAL FOR TACK COAT	COMPACTED AGGREGATE FOR BASE NO. 53		JOINT ADHESIVE SURFACE	JOINT ADHESIVE INTERMEDIATE	LIQUID ASPHALT SEALANT	PCCP	D-1 CONTRACTION JOINT	CURB AND GUTTER, B, CONCRETE	CENTER CURB, D, CONCRETE	CURB, ISLAND CONCRETE	PAVEMENT REMOVAL	REMARKS														
				1 %	2 %	CUT CYS	FILL CYS	LBS/SYS	TONS	LBS/SYS	TONS	TONS				TONS	SYS											TON	SYS	TONS	CYS	CYS	LFT	LFT	LFT	SYS	LFT	LFT	SYS	SYS	SYS
Sta. 533+50 to Sta. 557+00	Resurface	76	2350	2.02	3			42	1797									14100		14100															Washboard Rd. Approach						
Sta. 533+84 to Sta. 535+63	South Loon	14	179																																						
Sta. 534+04 to Sta. 535+03	South Median U-Turn	30	99																																						
Sta. 534+80 to Sta. 546+30	SB Left Turn and Slotted Left	16	1150																																						
Sta. 542+90 to Sta. 544+80	Intersection	30	190																																						
Sta. 541+40 to Sta. 555+90	NB Left Turn and Slotted Left	16	1450																																						
Sta. 554+36 to Sta. 556+86	North Loon	14	250																																						
Sta. 555+67 to Sta. 556+66	North Median U-Turn	30	99																																						
<b>TOTALS</b>								<b>1573</b>	<b>1379</b>	<b>42</b>	<b>2248</b>	<b>751</b>	<b>2101</b>	<b>819</b>	<b>5457</b>	<b>715</b>		<b>15</b>	<b>910</b>		<b>15970</b>	<b>2299</b>	<b>15970</b>	<b>110</b>	<b>60</b>	<b>220</b>	<b>147</b>	<b>91</b>	<b>3095</b>												

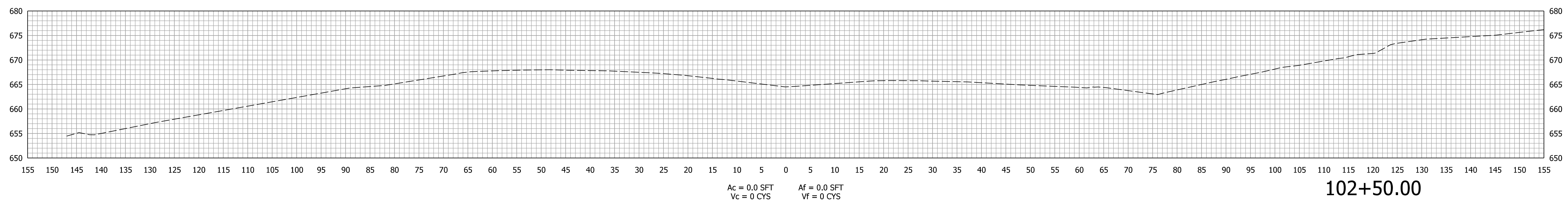
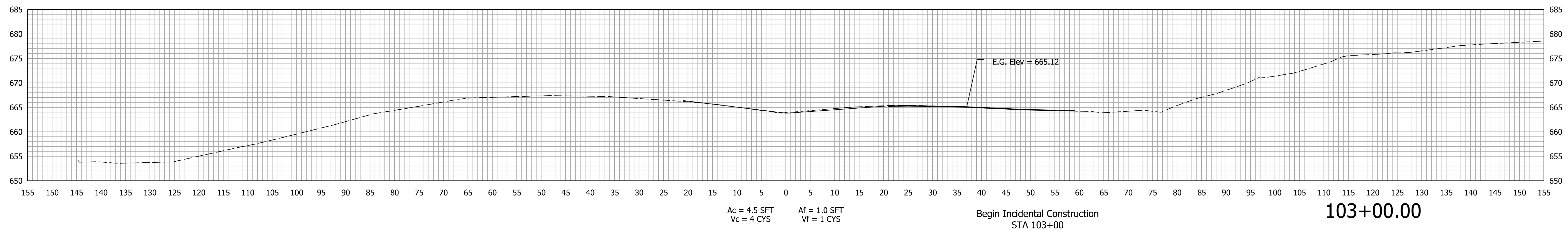
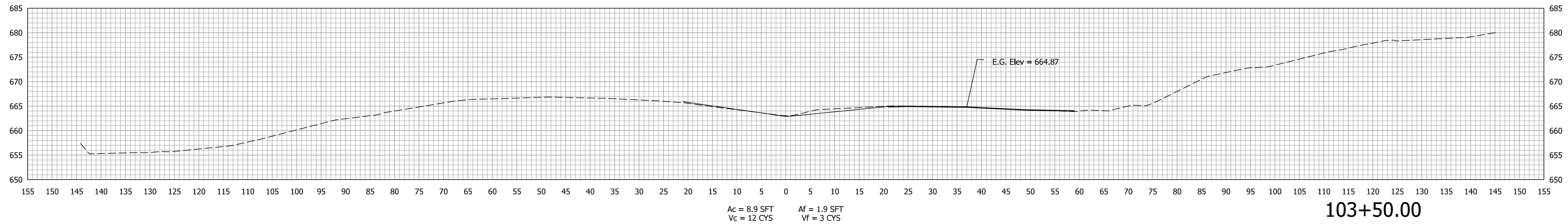
MONUMENT TABLE										
LINE	STATION	LT.	CL.	RT.	TYPE SECTION				DESCRIPTION	
					A	B	C	D		
Z	533+50		X				X			Begin Project
Z	546+71.66		X				X			Intersection
Z	557+00		X				X			End Project
<b>TOTAL</b>							<b>1</b>	<b>2</b>		

MOT QUANTITIES												
	Type A	Type B	TWLSA	Flashing Arrow Sign	Portable Changeable Message Signs	Shadow Vehicle w/ Truck Mounted Attenuator	Barricade, Type III-B	Line, Remove	Temporary Traffic Barrier, Type 2 ***	Energy Absorbing Terminal, CZ	Temporary Pavement Marking, Removable, 4 IN. (YELLOW)	Temporary Pavement Marking, Removable, 4 IN. (WHITE)
	(Each)	(Each)	(Each)	(Day)	(Each)	(Day)	(Lft)	(Lft)	(Lft)	(Each)	(Lft)	(Lft)
Phase 1 NB	17	2	2	X				650	879			
Phase 1 SB	18	2	2	X				660	1043			
Phase 1-B NB	20	2	2	X				Included in Phase 1 NB	Included in Phase 1 NB			
Phase 1-B SB	20	2	2	X				Included in Phase 1 SB	Included in Phase 1 SB			
Phase 2 NB	18	2	2	X			60	440	1818	3		
Phase 2 SB	19	2	2	X			Included in Phase 2 NB		1627	2		
Phase 3 NB	18	2	2	X				709	678	1		
Phase 3 SB	19	2	2	X				140	772	1		
Phase 4 NB	16	3	2			X						
Phase 4 NB	17	3	2			X						
<b>TOTALS</b>	<b>40</b>	<b>6</b>	<b>4</b>	<b>*</b>		<b>*</b>	<b>60</b>	<b>2599</b>	<b>3445</b>	<b>5</b>	<b>**</b>	<b>**</b>

\* To be determined after consultation with AE  
 \*\* Not yet quantified  
 \*\*\* Quantity of Anchored/Unanchored to be determined determined prior to STG3 submittal

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION  <b>ROAD SUMMARY</b>	SCALE	BRIDGE FILE
		NA	DESIGNATION
			1800371
			SHEETS
DESIGNED: MRS Dec 2021	DRAWN: MRS Dec 2021	35	of 51
CHECKED: AKB April 2022	CHECKED: AKB April 2022	CONTRACT	PROJECT
		R-42414	1800371

Plot: 4/14/2022 9:11 PM  
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 Model:RD\_Detail Sheet



Plot: 4/14/2022 9:13 PM

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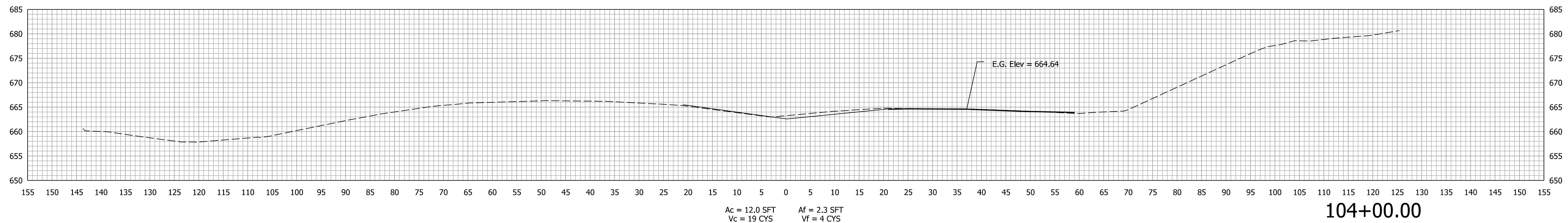
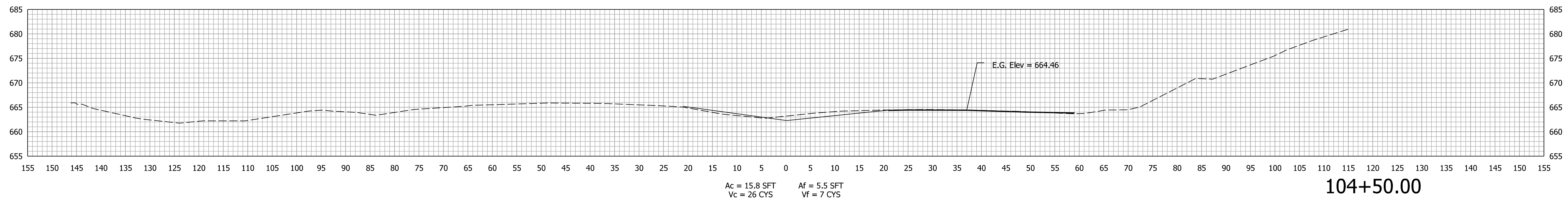
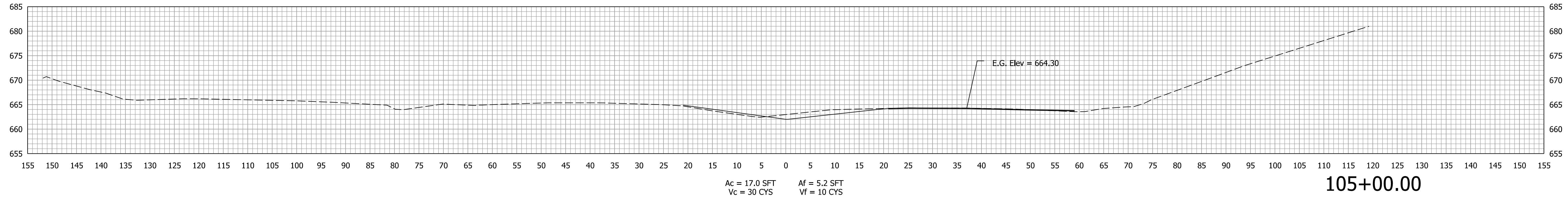
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021		
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022		

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE 1" = 10'		BRIDGE FILE	
		DESIGNATION 1800371	
		SHEETS 36 of 51	
CONTRACT R-42414		PROJECT 1800371	

STA. 102+50.00 TO STA. 103+50.00



Plot: 4/14/2022 9:13 PM

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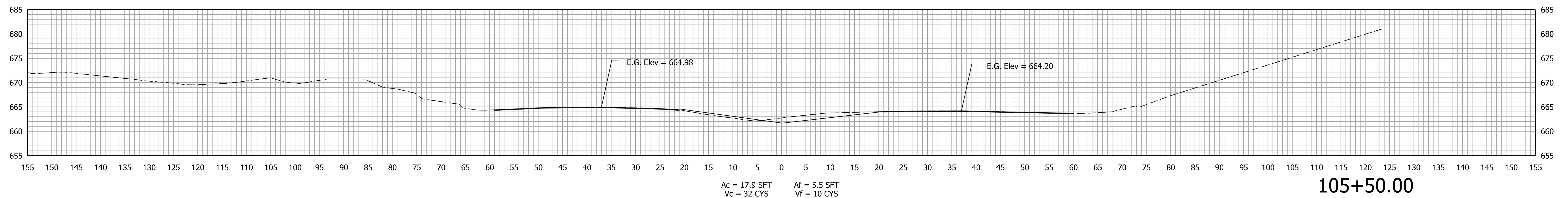
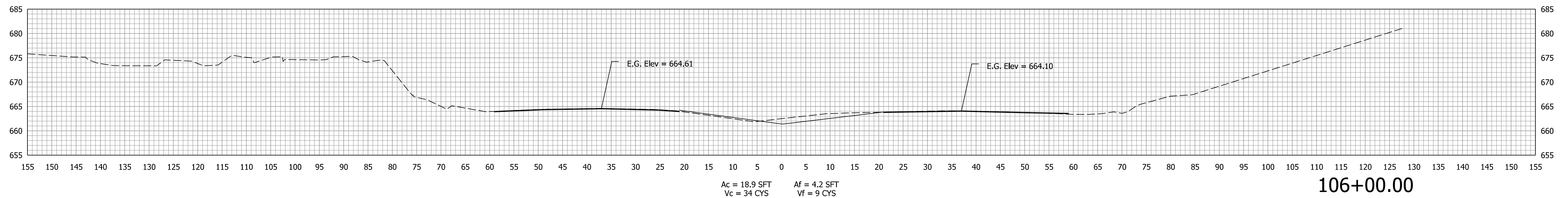
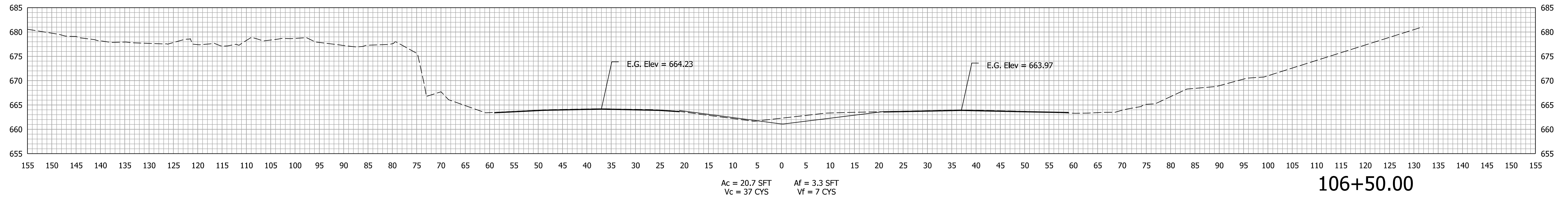
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 37 of 51
CONTRACT R-42414	PROJECT 1800371

STA. 104+00.00 TO STA. 105+00.00



Plot: 4/14/2022 9:13 PM

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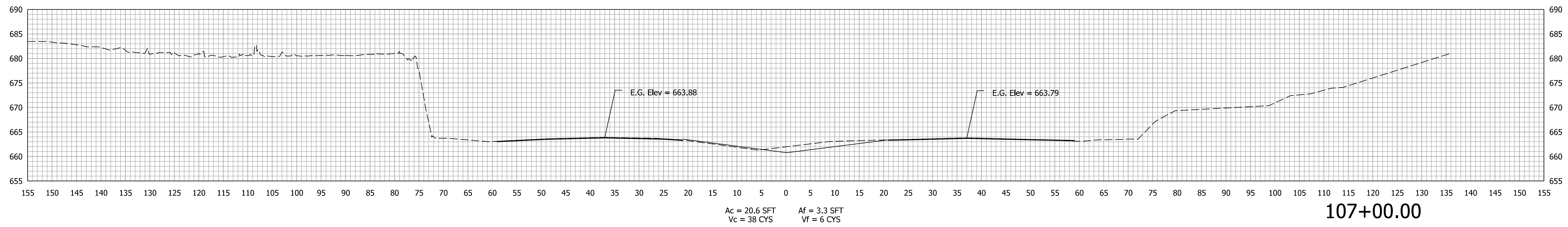
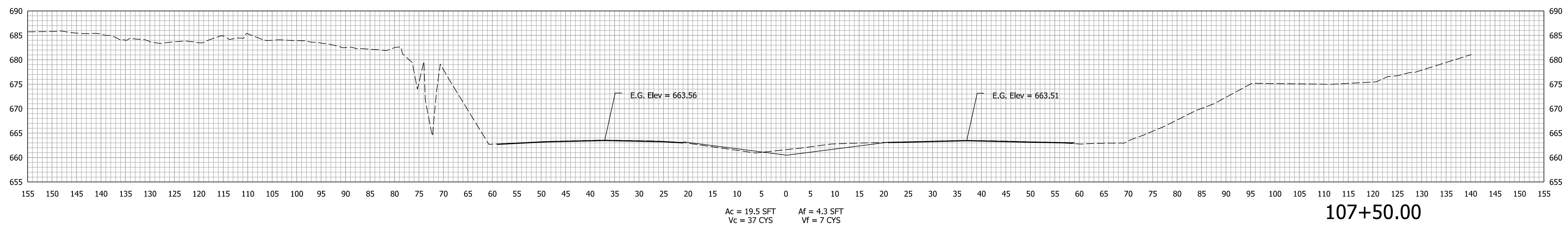
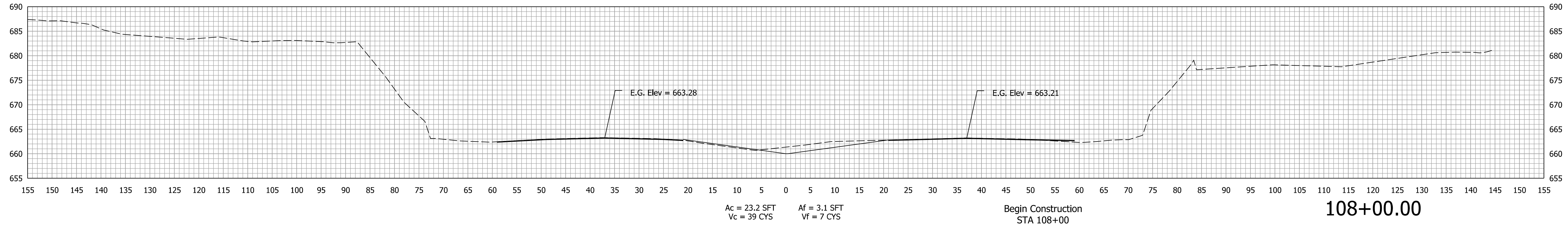
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
Line "B" - SR 37

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 38 of 51
CONTRACT R-42414	PROJECT 1800371

STA. 105+50.00 TO STA. 106+50.00



Plot: 4/14/2022 9:13 PM

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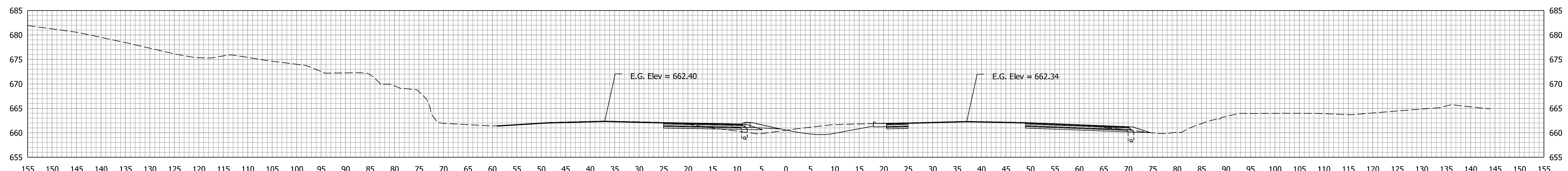
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 39 of 51
CONTRACT R-42414	PROJECT 1800371

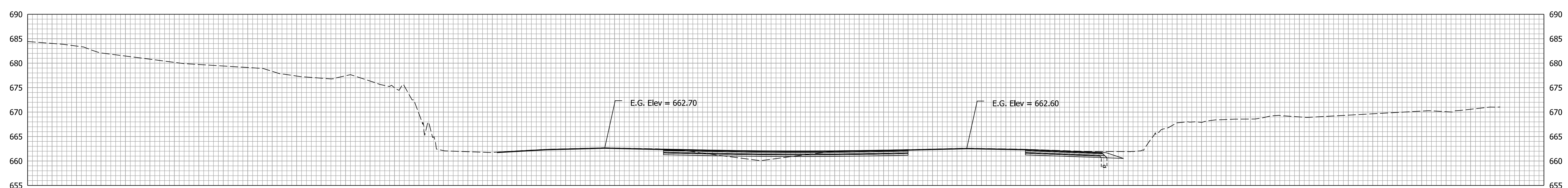
STA. 107+00.00 TO STA. 108+00.00



Ac = 56.3 SFT  
Vc = 101 CYS

Af = 15.4 SFT  
Vf = 20 CYS

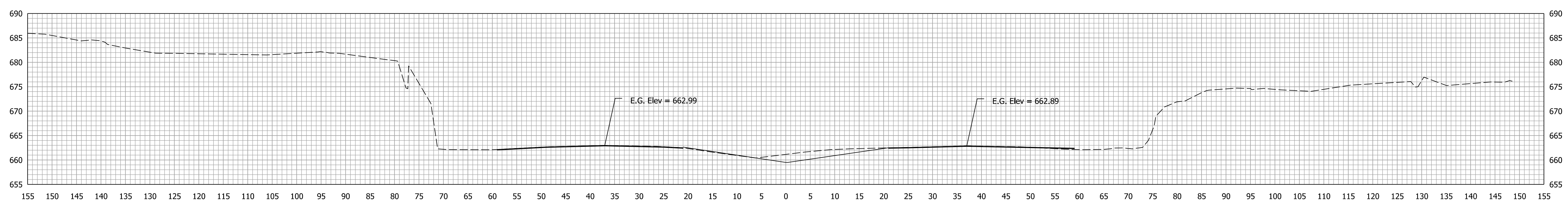
109+50.00



Ac = 53.1 SFT  
Vc = 75 CYS

Af = 6.2 SFT  
Vf = 7 CYS

109+00.00



Ac = 27.5 SFT  
Vc = 47 CYS

Af = 1.5 SFT  
Vf = 4 CYS

108+50.00

Plot: 4/14/2022 9:13 PM

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Model: Line B - STG2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

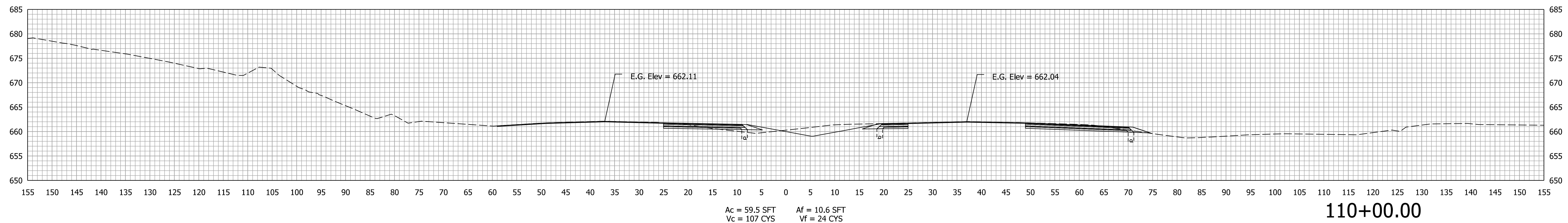
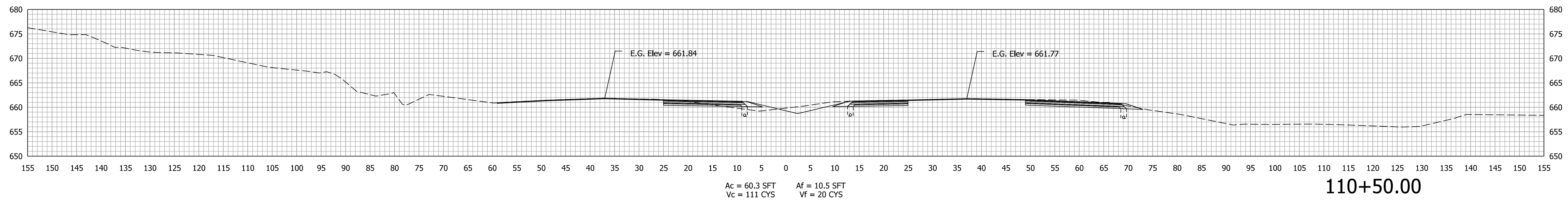
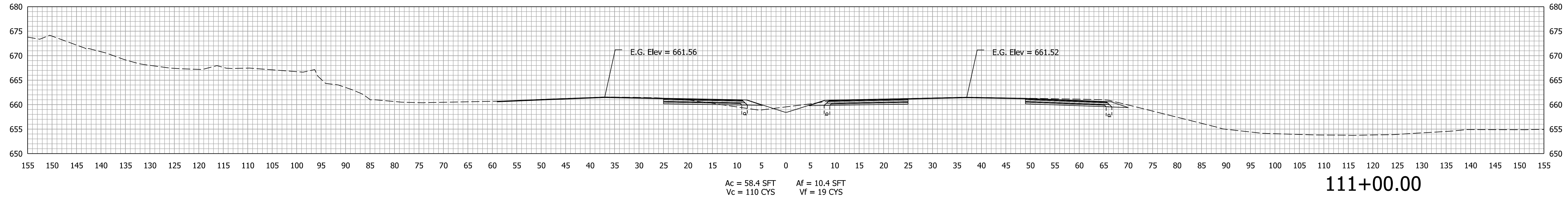
INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
Line "B" - SR 37

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 40 of 51
CONTRACT R-42414	PROJECT 1800371

STA. 108+50.00 TO STA. 109+50.00





Plot: 4/14/2022 9:13 PM

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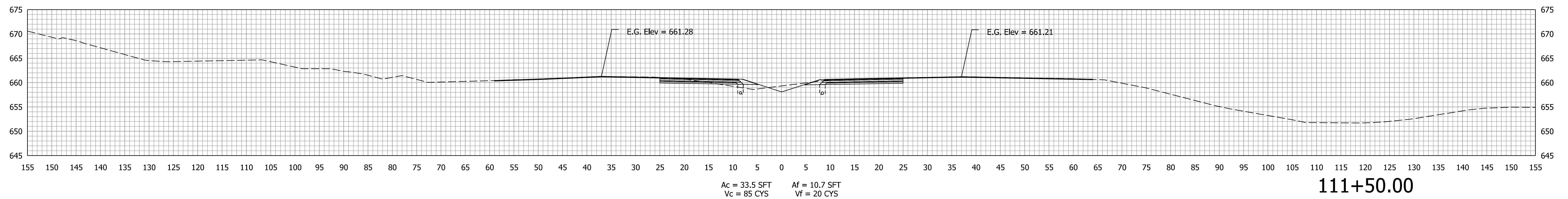
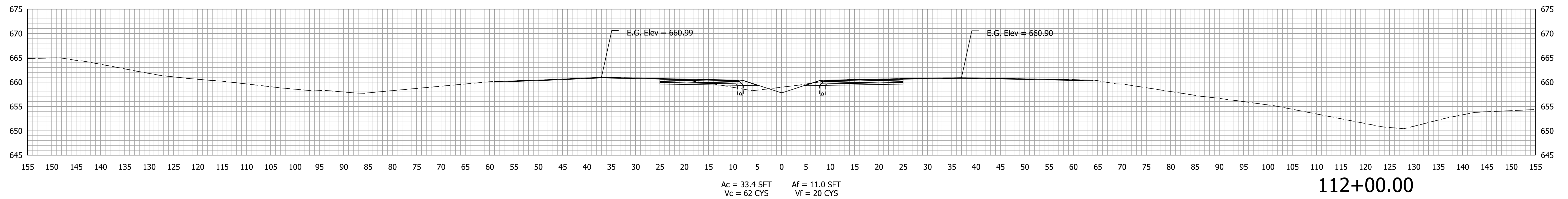
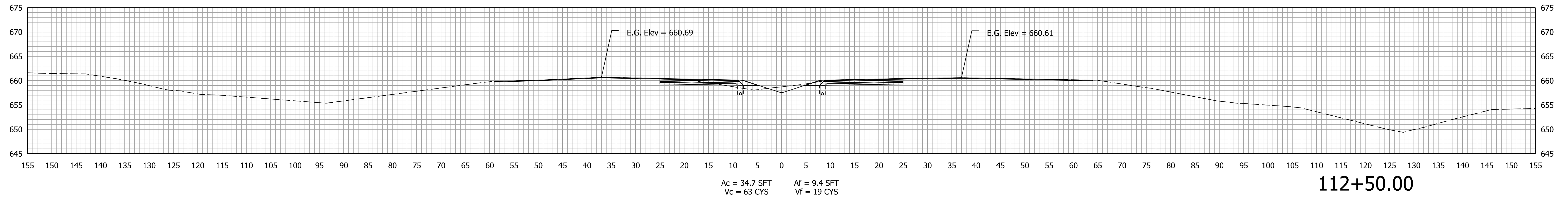
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE	BRIDGE FILE
1" = 10'	DESIGNATION
	1800371
	SHEETS
	41 of 51
CONTRACT	PROJECT
R-42414	1800371

STA. 110+00.00 TO STA. 111+00.00



Plot: 4/14/2022 9:13 PM

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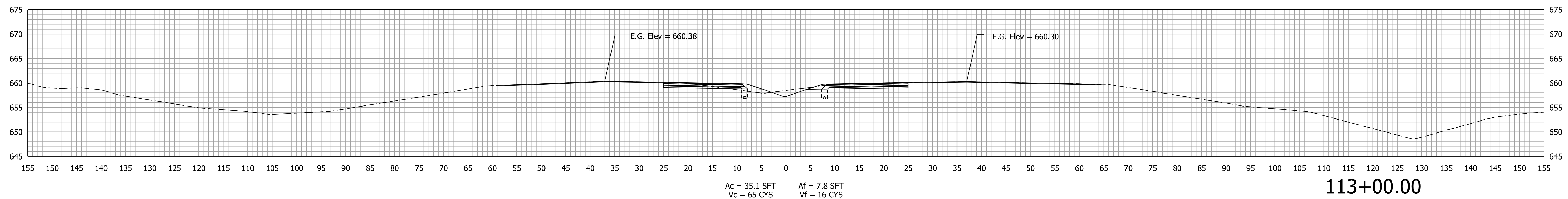
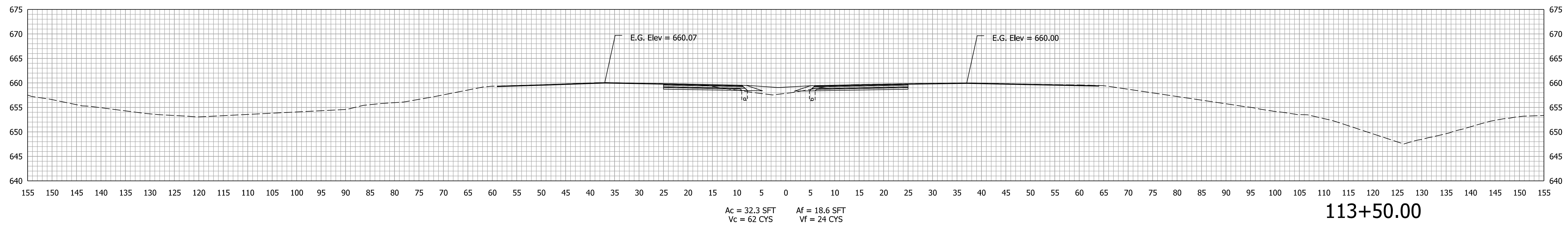
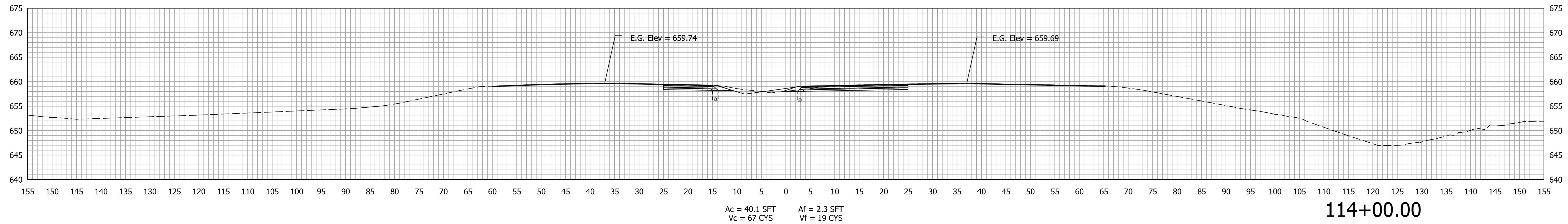
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE	BRIDGE FILE
1" = 10'	DESIGNATION
	1800371
	SHEETS
	42 of 51
CONTRACT	PROJECT
R-42414	1800371

STA. 111+50.00 TO STA. 112+50.00



Plot: 4/14/2022 9:13 PM

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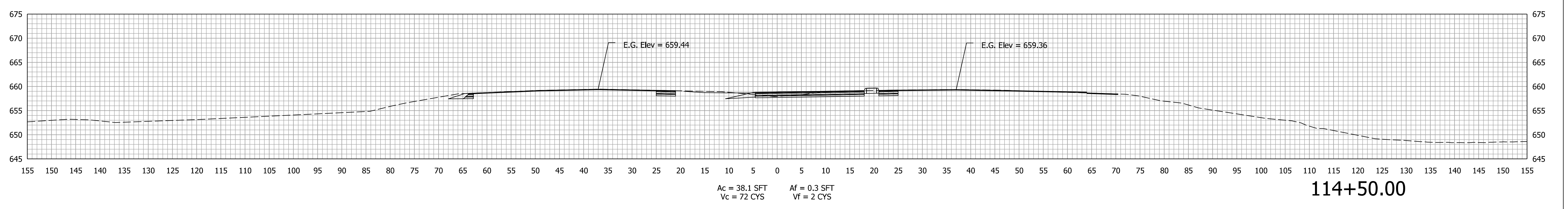
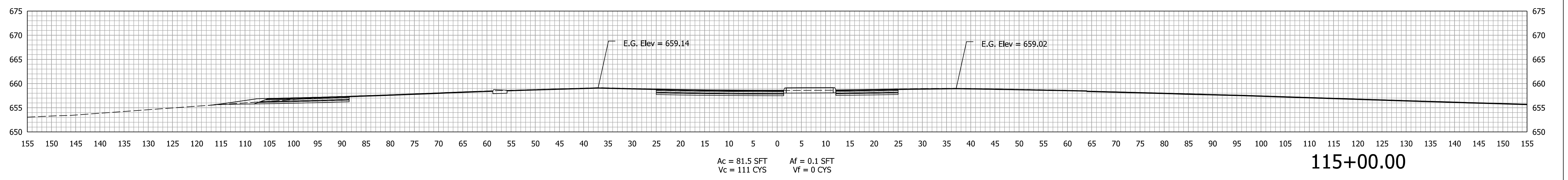
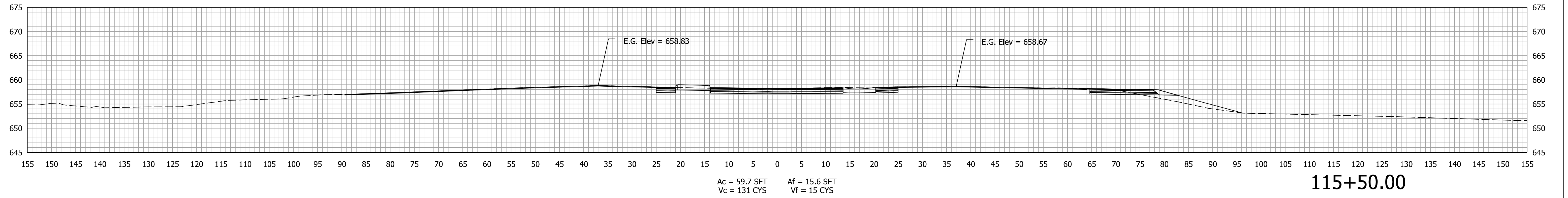
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021	
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE 1" = 10'	BRIDGE FILE	
	DESIGNATION 1800371	
	43	of 51
CONTRACT R-42414	PROJECT 1800371	

STA. 113+00.00 TO STA. 114+00.00



Plot: 4/14/2022 9:13 PM

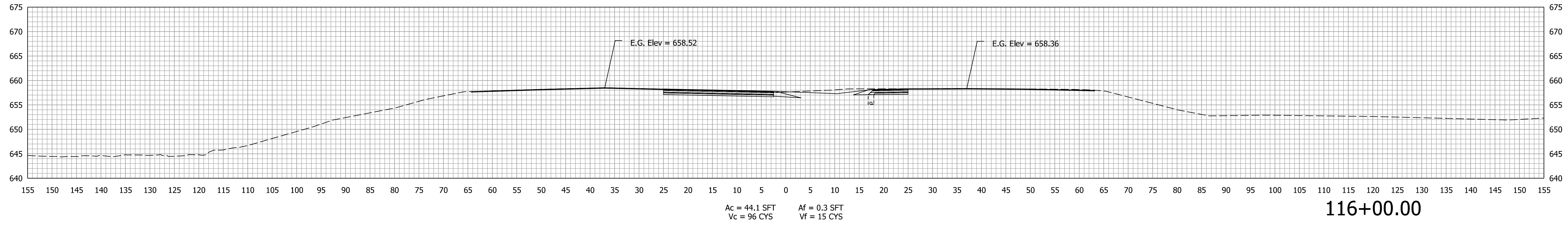
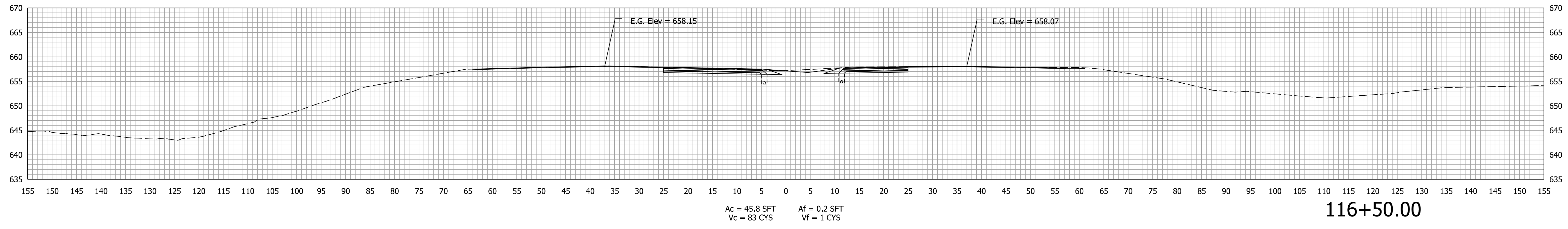
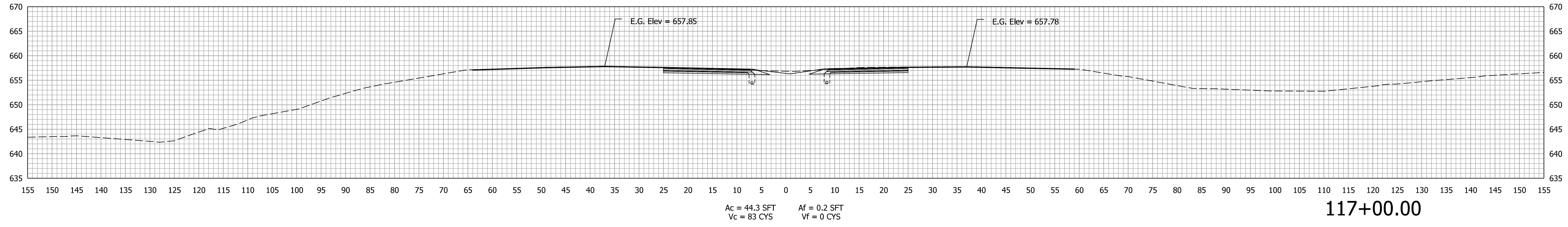
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Model: Line B - STG2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS Line "B" - SR 37	

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 44 of 51
CONTRACT R-42414	PROJECT 1800371

STA. 114+50.00 TO STA. 115+50.00



Plot: 4/14/2022 9:13 PM

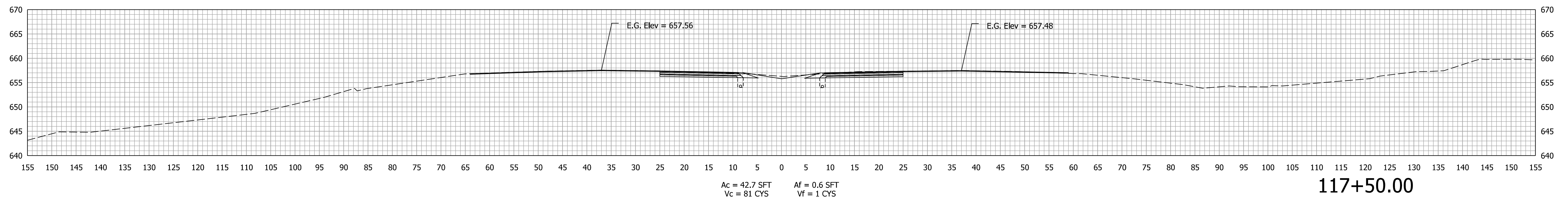
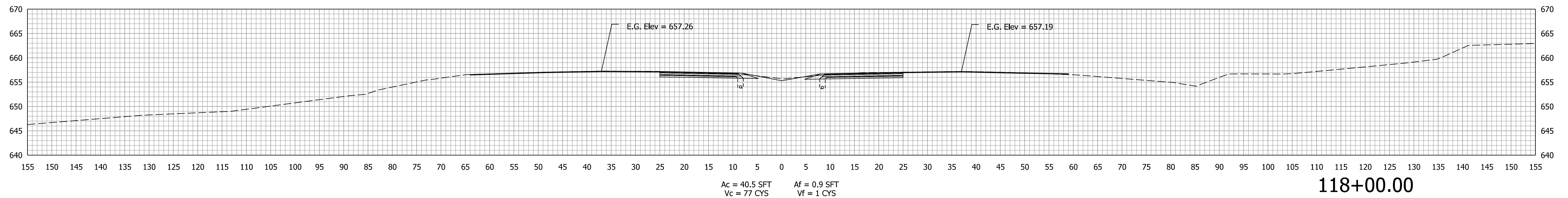
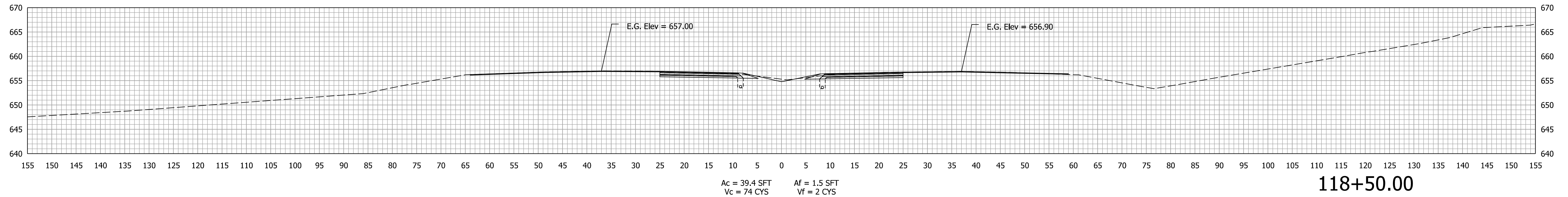
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 Model: Line B - STG2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**CROSS SECTIONS**  
**Line "B" - SR 37**

SCALE	BRIDGE FILE
1" = 10'	DESIGNATION
	1800371
	SHEETS
	45 of 51
CONTRACT	PROJECT
R-42414	1800371

STA. 116+00.00 TO STA. 117+00.00



Plot: 4/14/2022 9:13 PM

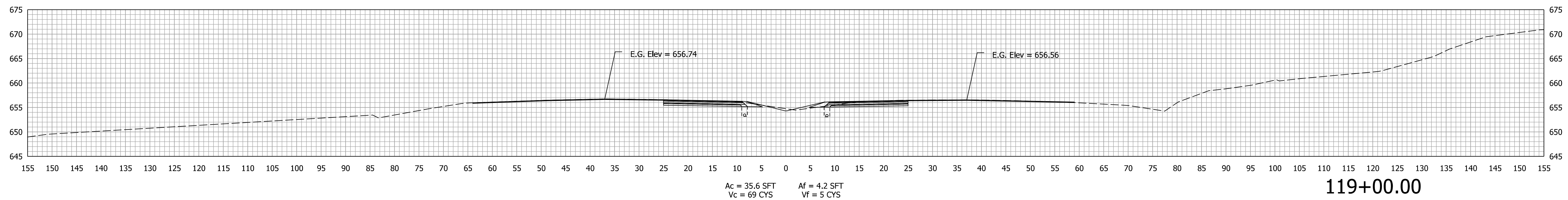
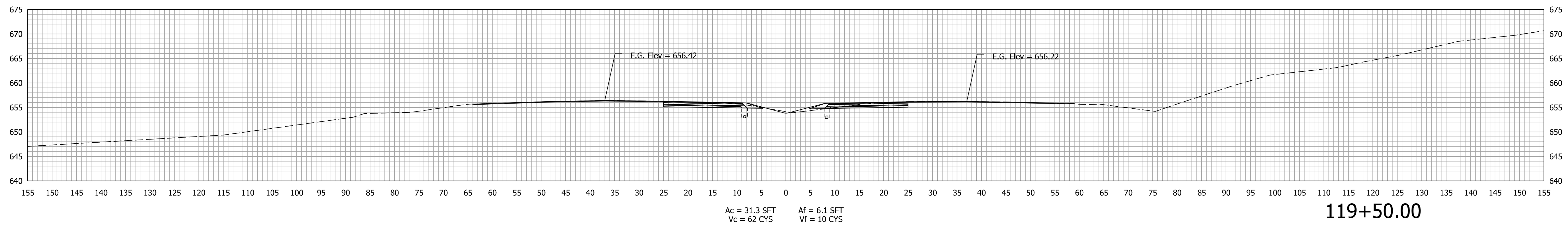
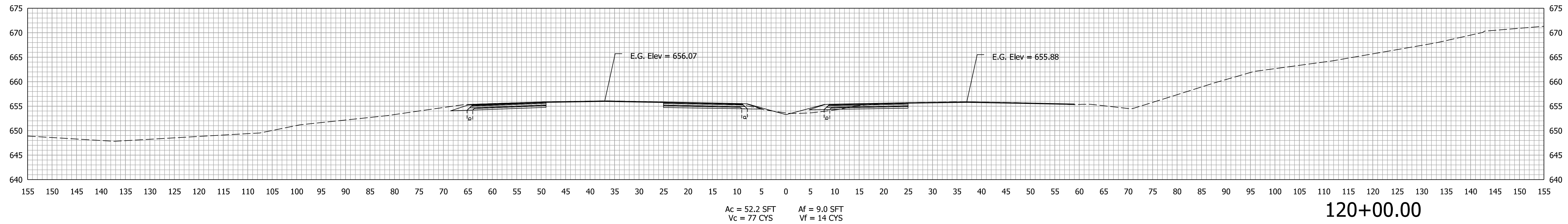
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Model: Line B - STG2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**CROSS SECTIONS**  
**Line "B" - SR 37**

SCALE	BRIDGE FILE
1" = 10'	DESIGNATION
	1800371
	SHEETS
	46 of 51
CONTRACT	PROJECT
R-42414	1800371

STA. 117+50.00 TO STA. 118+50.00



Plot: 4/14/2022 9:13 PM

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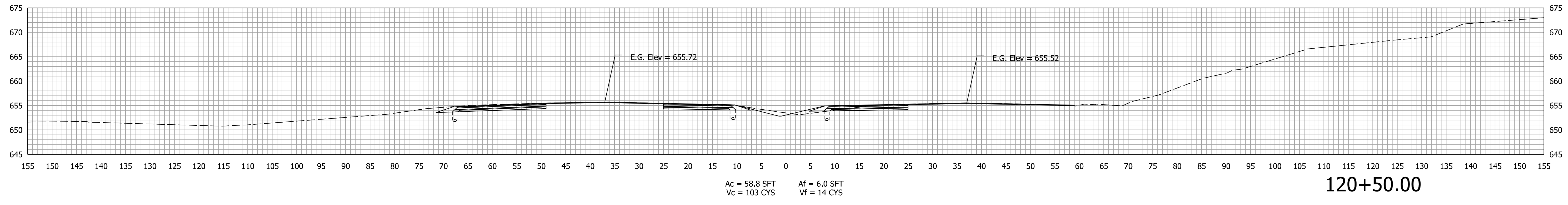
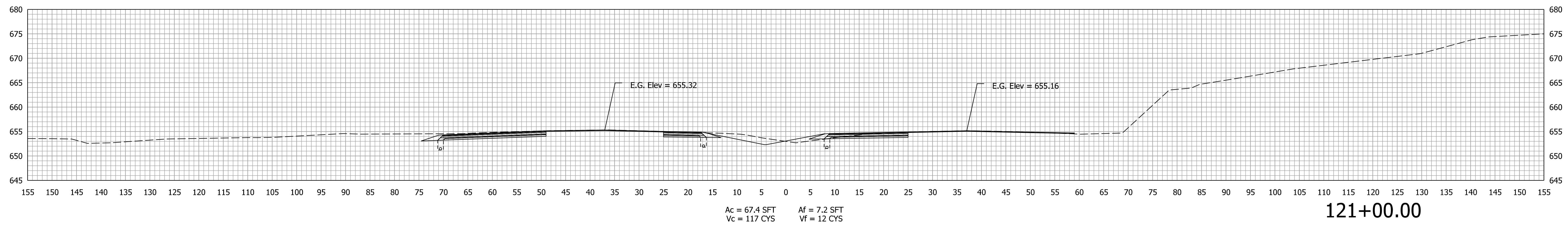
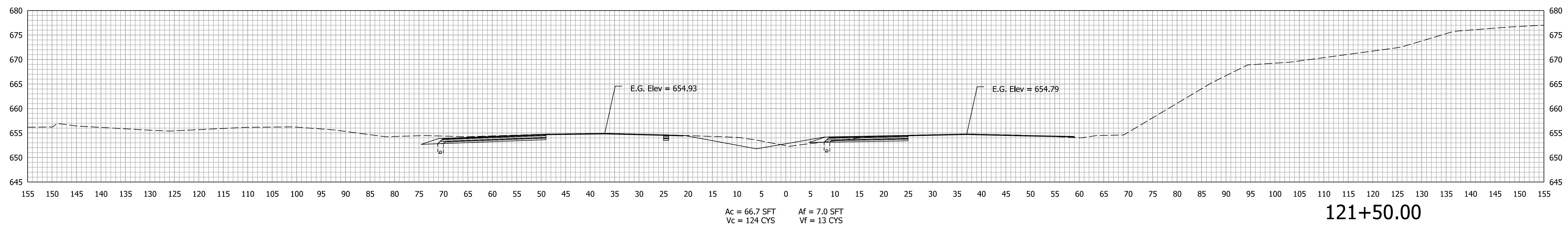
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021	
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
Line "B" - SR 37

SCALE 1" = 10'	BRIDGE FILE	
	DESIGNATION 1800371	
	47	of 51
CONTRACT R-42414	PROJECT 1800371	

STA. 119+00.00 TO STA. 120+00.00



Plot: 4/14/2022 9:13 PM

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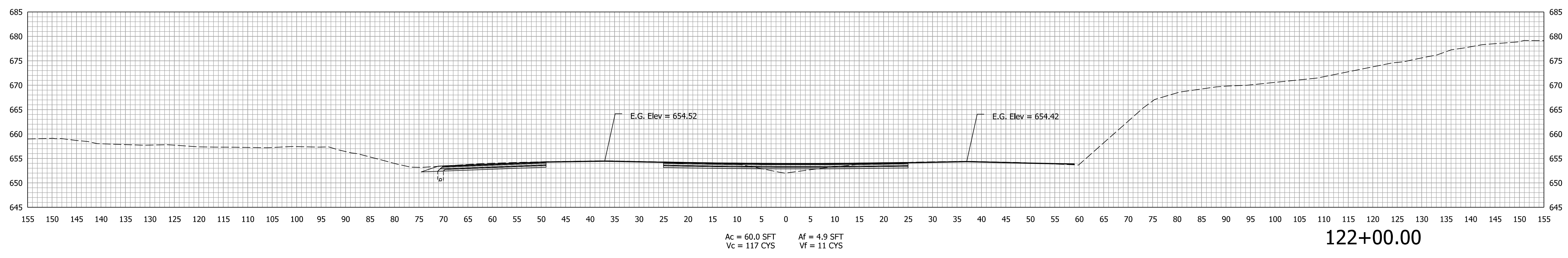
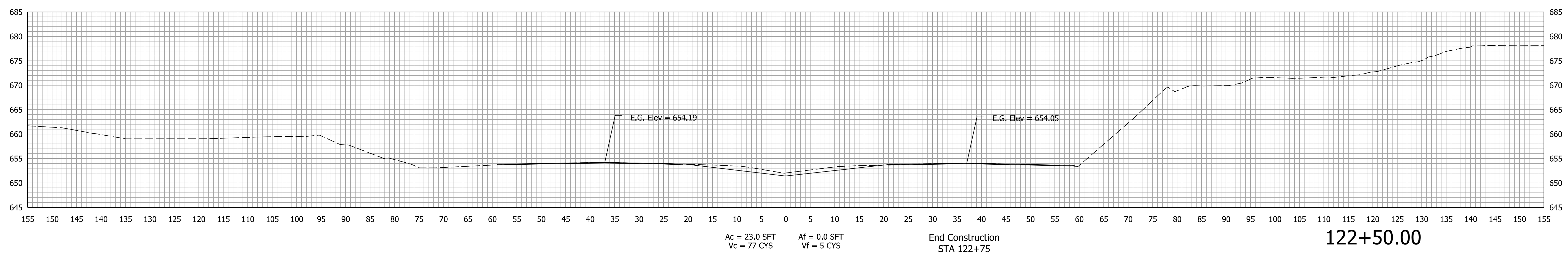
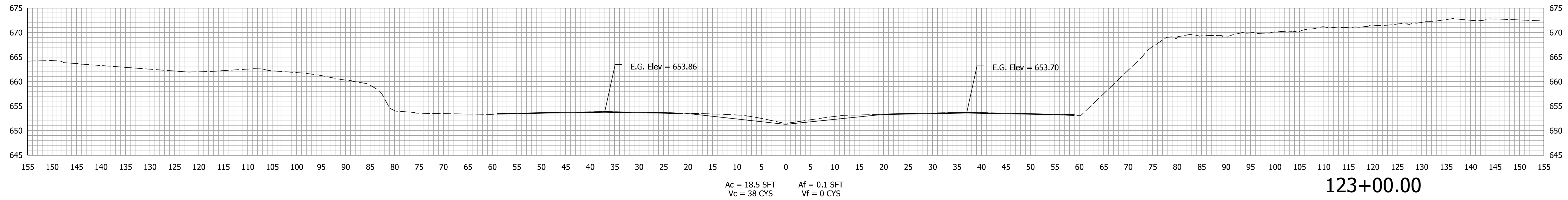
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>CROSS SECTIONS</b>	
<b>Line "B" - SR 37</b>	

SCALE 1" = 10'	BRIDGE FILE 1800371
CONTRACT R-42414	SHEETS 48 of 51 PROJECT 1800371

STA. 120+50.00 TO STA. 121+50.00





Plot: 4/14/2022 9:13 PM

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Model: Line B - STG2

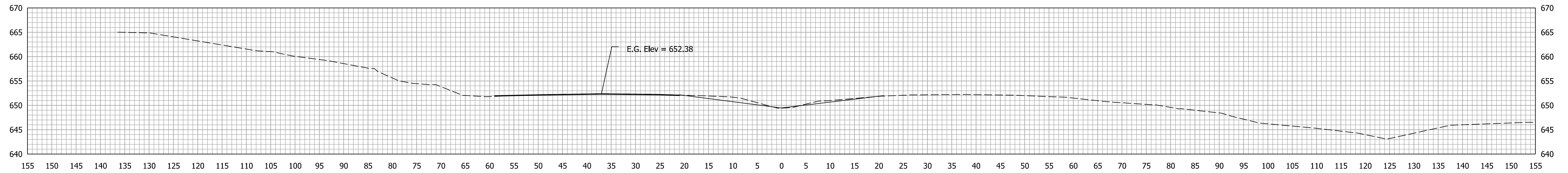
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	April 2022	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
Line "B" - SR 37

SCALE	BRIDGE FILE
1" = 10'	DESIGNATION
	1800371
	SHEETS
	49 of 51
CONTRACT	PROJECT
R-42414	1800371

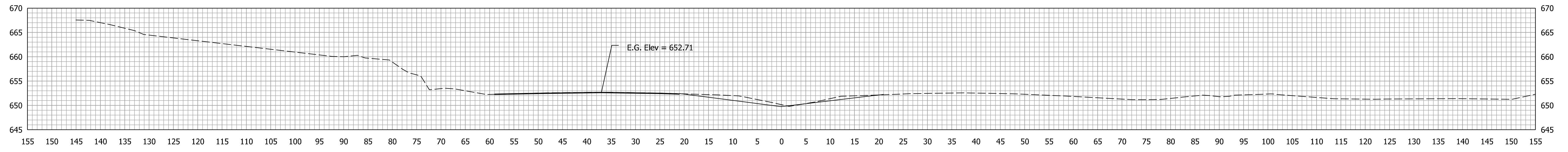
STA. 122+00.00 TO STA. 123+00.00



Ac = 13.1 SFT  
Vc = 29 CYS

Af = 0.6 SFT  
Vf = 1 CYS

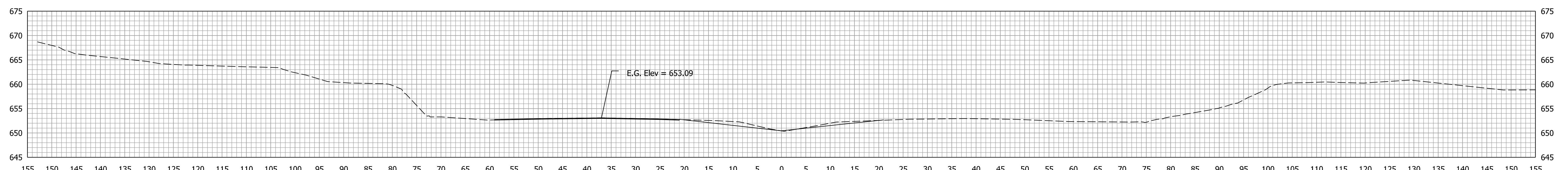
125+00.00



Ac = 18.5 SFT  
Vc = 30 CYS

Af = 0.3 SFT  
Vf = 1 CYS

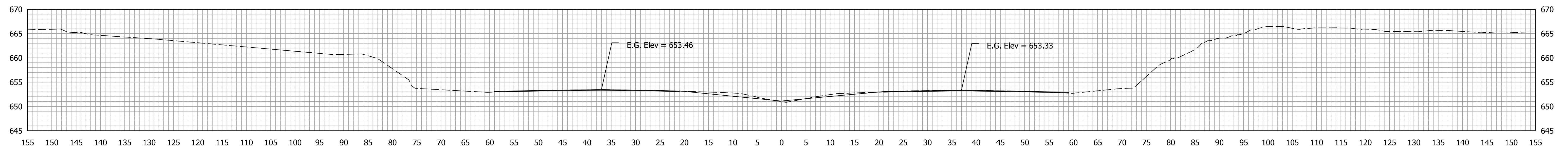
124+50.00



Ac = 13.6 SFT  
Vc = 22 CYS

Af = 0.3 SFT  
Vf = 1 CYS

124+00.00



Ac = 10.5 SFT  
Vc = 27 CYS

Af = 1.1 SFT  
Vf = 1 CYS

123+50.00

Plot: 4/14/2022 9:13 PM

File: pw:\indot-pw.bentley.com\indot-pw-01\Documents\Seymour\1800371\Design\InRoads\SS10\1800371\_XS.dgn  
Model: Line B - STG2

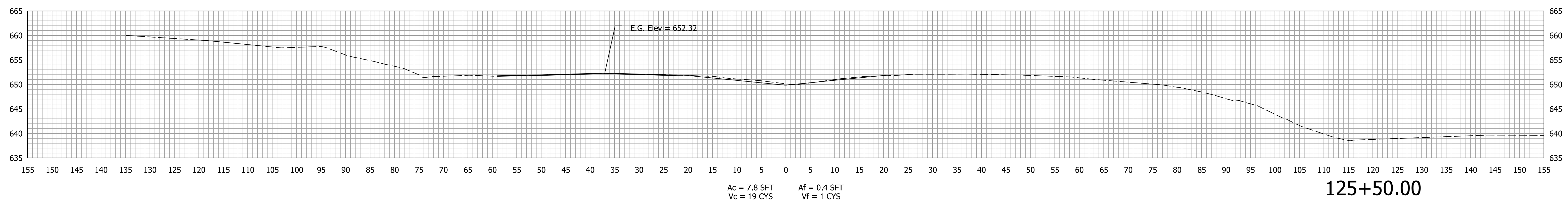
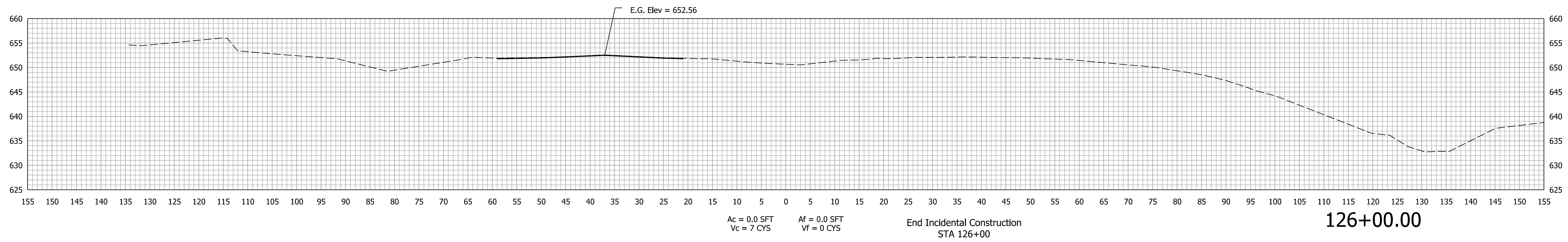
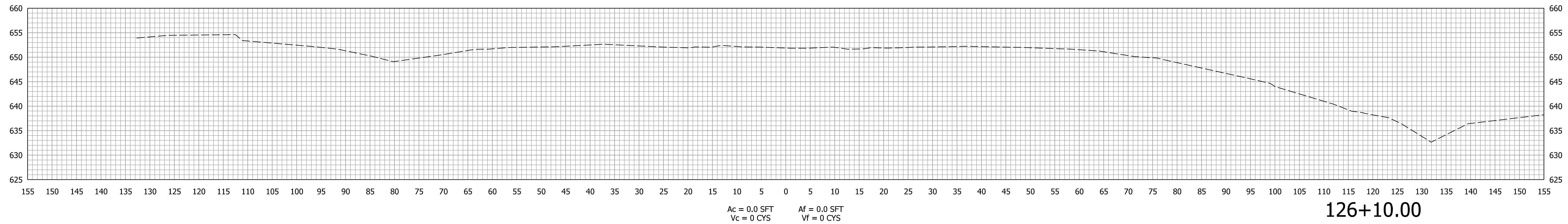
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CPM	March 2021	DRAWN: CPM
CHECKED: AKB	April 2022	CHECKED: AKB
	March 2021	April 2022

INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
Line "B" - SR 37

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1800371
	SHEETS 50 of 51
CONTRACT R-42414	PROJECT 1800371

STA. 123+50.00 TO STA. 125+00.00



Plot: 4/14/2022 9:13 PM

File: pw:\indot-pw.bentley.com\indot-pw-01\Documents\Seymour\1800371\Design\InRoads\SS10\1800371\_XS.dgn  
Model: Line B - STG2

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: CPM	March 2021	DRAWN: CPM	March 2021		
CHECKED: AKB	April 2022	CHECKED: AKB	April 2022		

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
Line "B" - SR 37**

SCALE 1" = 10'	BRIDGE FILE	
	DESIGNATION 1800371	
	51	of 51
CONTRACT R-42414	PROJECT 1800371	

STA. 125+50.00 TO STA. 126+10.00