

PROJECT	DESIGNATION
1900177	1900177
CONTRACT	BRIDGE FILE
R-42444	N/A

# INDIANA DEPARTMENT OF TRANSPORTATION



## ROAD PLANS

ROUTE: SR 2 FROM: RP 68+18 TO: RP 81+20  
 PROJECT NO. 1900177 P.E.  
 1900177 CONST.

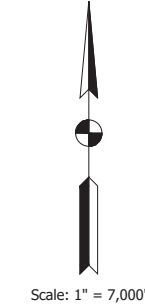
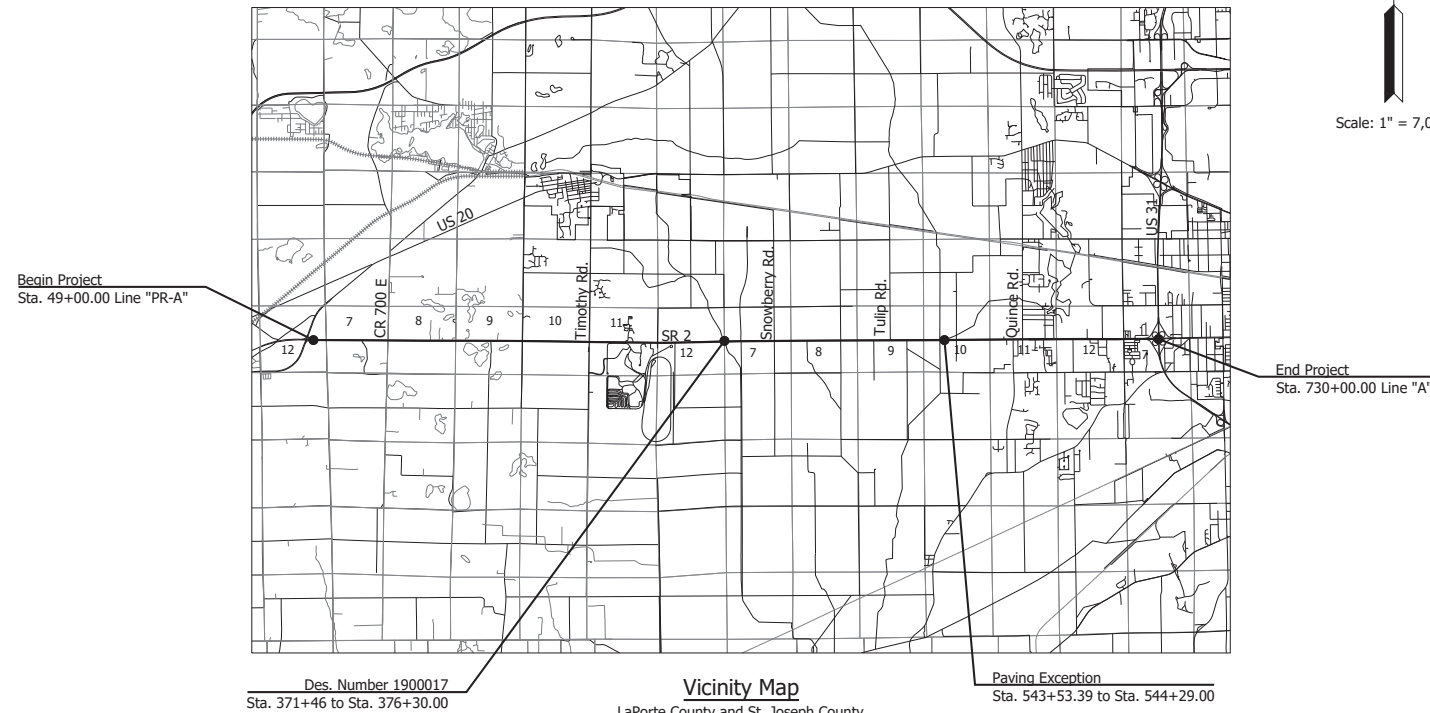
TRAFFIC DATA		TRAFFIC DATA	
STA. 49+00 TO STA. 602+00		STA. 602+00 TO STA. 730+00	
A.A.D.T. (2024)	22,244 V.P.D.	A.A.D.T. (2024)	22,244 V.P.D.
A.A.D.T. (2044)	23,192 V.P.D.	A.A.D.T. (2044)	23,192 V.P.D.
D.H.V (2044)	9.25 %	D.H.V (2044)	9.25 %
DIRECTIONAL DISTRIBUTION	50.98 %	DIRECTIONAL DISTRIBUTION	50.98 %
TRUCKS	17.46% A.A.D.T. 12.41% DHV	TRUCKS	17.46% A.A.D.T. 12.41% DHV
DESIGN DATA		DESIGN DATA	
DESIGN SPEED	60 M.P.H.	DESIGN SPEED	45 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL	RURAL/URBAN	URBAN (SUBURBAN)
TERRAIN	LEVEL	TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL	ACCESS CONTROL	PARTIAL

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1900177	SR 2 MILL AND RESURFACE
1900017	SR 2 OVER NIESPODZIANY DITCH

ADDITIONAL RIGHT-OF-WAY NOT  
REQUIRED FOR THIS PROJECT

STAGE 3 SUBMISSION  
6/23/2023

**Project Description:**  
 Preventative Maintenance on SR 2 from US 20 to US 20/US 31  
 located in Sections 7, 8, 9, 10, 11, 12, 7, 8, 9, 10, 11, 12, and 7, T37N, R1W, R2W, R3W, R1E, and R2E  
 Wills, Olive, Warren and Portage Townships, LaPorte and St. Joseph County, Indiana



HUC: 07120001010080, 07120001010090, 07120001010070,  
07120001010060, 07120001010050, 07120001010010

BOP LATITUDE: 41°40'22" N BOP LONGITUDE: 86°35'20" W  
 EOP LATITUDE: 41°40'18" N EOP LONGITUDE: 86°20'27" W

BRIDGE LENGTH:	N/A	MI.
ROADWAY LENGTH:	12.77	MI.
TOTAL LENGTH:	12.77	MI.
MAX. GRADE:	Existing	%

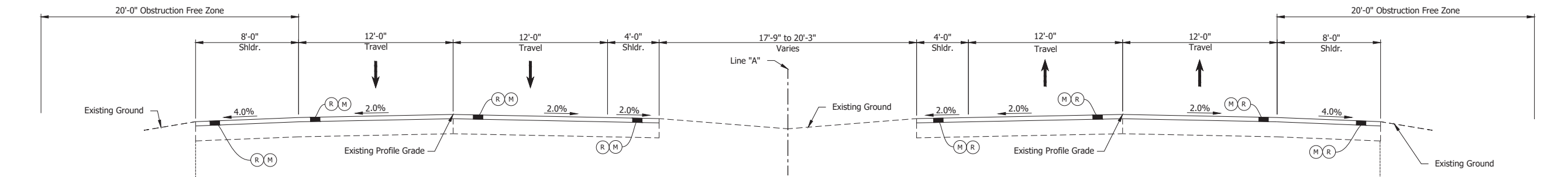
INDIANA DEPARTMENT OF TRANSPORTATION  
 STANDARD SPECIFICATIONS DATED 2024  
 TO BE USED WITH THESE PLANS

Date: Jun 23, 2023, 1:02pm User Name: Sara Munise  
 File: X:\production\files\2020\120-3001\PRO-04\CAD\plans\set\SR\_2\_title.dwg

112 W. Jefferson Blvd., Suite 500  
 South Bend, Indiana 46601  
 PHONE: 574.334.5460  
 TOLL FREE: 800.423.7411

PLANS PREPARED BY: Lochmueller Group, Inc. (574) 334-5460 PHONE NUMBER	CERTIFIED BY: _____ DATE	APPROVED FOR LETTING: _____ DATE	BRIDGE FILE
			N/A
INDIANA DEPARTMENT OF TRANSPORTATION	DESIGNATION 1900177	SHEET 1 of 321	SURVEY BOOK
			ELECTRONIC
INDIANA DEPARTMENT OF TRANSPORTATION	CONTRACT R-42444	PROJECT 1900177	





SR 2 TYPICAL SECTION  
LINE "A"

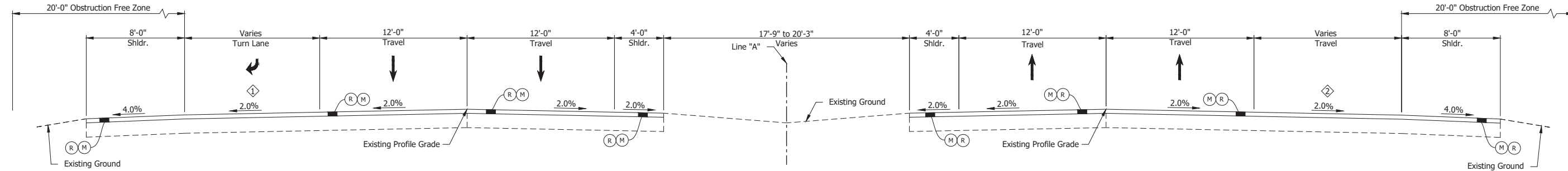
Sta. 75+97.71 to Sta. 81+41.46  
 Sta. 94+66.15 to Sta. 97+16.15  
 Sta. 135+14.23 to Sta. 138+51.73  
 Sta. 146+04.25 to Sta. 148+48.00  
 Sta. 159+60.85 to Sta. 163+53.86  
 Sta. 200+86.98 to Sta. 206+74.48  
 Sta. 301+15.13 to Sta. 304+15.13  
 Sta. 332+00.00 to Sta. 332+17.50  
 Sta. 439+43.53 to Sta. 441+06.03

Sta. 56+19.00 to Sta. 83+39.50  
 Sta. 88+90.00 to Sta. 97+50.50  
 Sta. 111+65.00 to Sta. 152+69.50  
 Sta. 159+60.85 to Sta. 186+34.50  
 Sta. 191+46.90 to Sta. 206+86.20  
 Sta. 216+93.50 to Sta. 259+60.60  
 Sta. 269+54.00 to Sta. 288+93.00  
 Sta. 295+07.00 to Sta. 313+20.20  
 Sta. 319+88.50 to Sta. 332+17.50

Sta. 338+15.50 to Sta. 379+17.00  
 Sta. 392+30.10 to Sta. 406+90.80  
 Sta. 417+44.00 to Sta. 460+12.40  
 Sta. 470+33.55 to Sta. 490+44.30  
 Sta. 496+27.65 to Sta. 499+67.80  
 Sta. 505+39.15 to Sta. 516+62.35  
 Sta. 522+84.20 to Sta. 543+53.80  
 Sta. 544+29.75 to Sta. 552+11.00  
 Sta. 562+28.60 to Sta. 601+92.00  
 Sta. 708+08.40 to Sta. 717+91.00

Sta. 56+19.37 to Sta. 64+13.12  
 Sta. 88+90.00 to Sta. 90+27.00  
 Sta. 92+11.86 to Sta. 95+30.61  
 Sta. 110+71.90 to Sta. 119+45.00  
 Sta. 119+92.00 to Sta. 124+23.25  
 Sta. 163+92.82 to Sta. 172+30.32  
 Sta. 178+92.61 to Sta. 185+73.86

Sta. 191+46.90 to Sta. 192+74.00  
 Sta. 196+06.45 to Sta. 204+75.20  
 Sta. 269+54.00 to Sta. 273+35.99  
 Sta. 298+45.76 to Sta. 301+52.01  
 Sta. 332+17.50 to Sta. 329+72.89  
 Sta. 437+25.00 to Sta. 439+32.25



SR 2 TYPICAL SECTION  
LINE "A"

Turn Lane Width Varies  
 11'-0" Sta. 49+00.00 to Sta. 54+10.00  
 11'-0" Sta. 54+10.00 to 0'-0" Sta. 54+95.00  
 0'-0" Sta. 54+95.00 to Sta. 56+19.00

Travel Lane Width Varies  
 12'-0" Sta. 49+00.00 to Sta. 55+50.00  
 12'-0" Sta. 55+50 to 0'-0" Sta. 56+19.00

- LEGEND:**
- (M) Milling, Asphalt, 4 in. minimum
  - (O) Compacted Aggregate, No. 53
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 1:03pm User Name: Sara, Munsie File: X:\production\files\2020\20-3001\PC\04\CD\Plans\Set\Stk\_RD\_Typical.dwg (Typical Sections (1))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

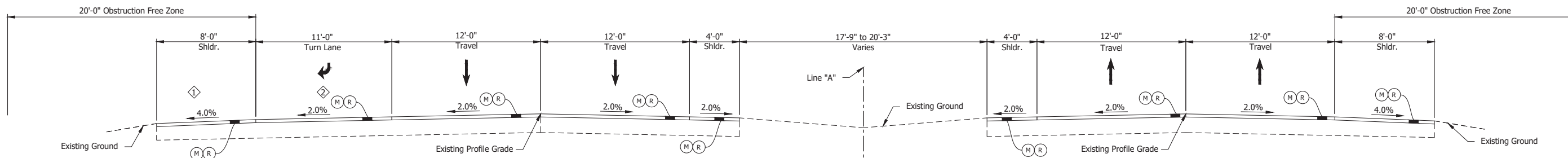
INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	3 of 321
CONTRACT	PROJECT
R-42444	1900177



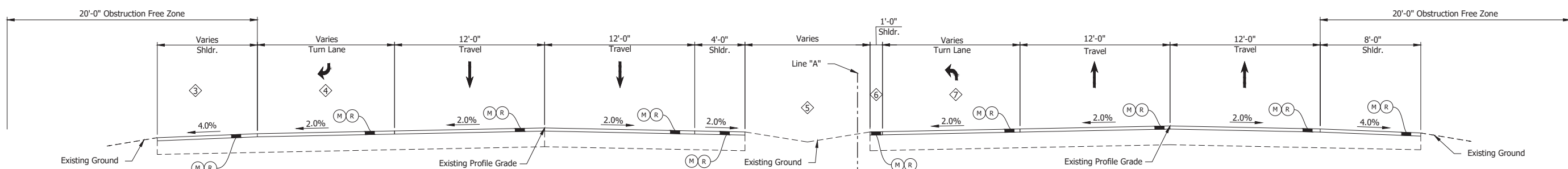




**SR 2 TYPICAL SECTION LINE "A"**  
 Sta. 104+77.80 to Sta. 106+21.50  
 Sta. 110+71.90 to Sta. 111+65.00  
 Sta. 390+84.50 to Sta. 392+30.10

① Shoulder Width Varies  
 1'-0" Sta. 104+77.80 to Sta. 106+21.50  
 5'-0" Sta. 110+69.00 to 10'-0" Sta. 111+65.00  
 10'-0" Sta. 390+84.50 to Sta. 392+30.10

② Turn Lane Width Varies  
 11'-0" Sta. 104+77.80 to Sta. 106+21.50  
 6'-0" Sta. 110+69.00 to 0'-0" Sta. 111+65.00  
 6'-0" Sta. 390+84.50 to 0'-0" Sta. 392+30.10



**SR 2 TYPICAL SECTION LINE "A"**  
 Sta. 106+21.50 to Sta. 111+65.00

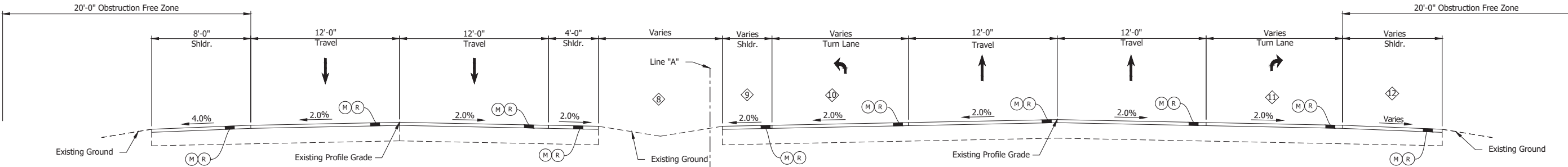
③ Shoulder Width Varies  
 1'-0" Sta. 106+21.50 to Sta. 110+17.20  
 1'-0" Sta. 110+17.20 to 5'-0" Sta. 110+71.90

④ Turn Lane Width Varies  
 11'-0" Sta. 106+21.50 to Sta. 110+17.20  
 11'-0" Sta. 110+17.20 to 6'-0" Sta. 110+35.55

⑤ Median Width Varies  
 19'-7" Sta. 106+21.50 to 6'-7" Sta. 107+34.85  
 6'-7" Sta. 107+34.85 to 6'-4" Sta. 110+35.55

⑥ Shoulder Width Varies  
 4'-0" Sta. 106+21.50 to 4'-0" Sta. 110+35.55

⑦ Turn Lane Width Varies  
 0'-0" Sta. 106+21.50 to 12'-0" Sta. 107+34.85  
 12'-0" Sta. 107+34.85 to 12'-0" Sta. 110+35.55



**SR 2 TYPICAL SECTION LINE "A"**  
 Sta. 259+68.04 to Sta. 264+56.75

⑧ Median Width Varies  
 20'-8" Sta. 259+68.04 to 13'-7" Sta. 260+96.05  
 13'-7" Sta. 260+96.05 to 0'-0" Sta. 264+56.75

⑨ Shoulder Width Varies  
 4'-0" Sta. 259+68.04 to 1'-0" Sta. 260+96.05  
 1'-0" Sta. 260+96.05 to Sta. 264+56.75

⑩ Turn Lane Width Varies  
 0'-0" Sta. 259+68.04 to 11'-0" Sta. 260+96.05  
 11'-0" Sta. 260+96.05 to Sta. 264+56.75

⑪ Turn Lane Width Varies  
 0'-0" Sta. 259+68.04 to 11'-0" Sta. 261+40.00  
 11'-0" Sta. 261+40.00 to Sta. 264+56.75

⑫ Shoulder Width Varies  
 8'-0" Sta. 259+68.04 to 1'-0" Sta. 261+09.64  
 1'-0" Sta. 261+09.64 to Sta. 264+56.75

**LEGEND:**  
 (M) Milling, Asphalt, 4 in. minimum  
 (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 1:03pm User Name: Sara Munsie  
 File: X:\production\files\2020\20-3001\PC\04\Plan\Set\Stc\_RD\_Typical.dwg - (Typical Sections (3))

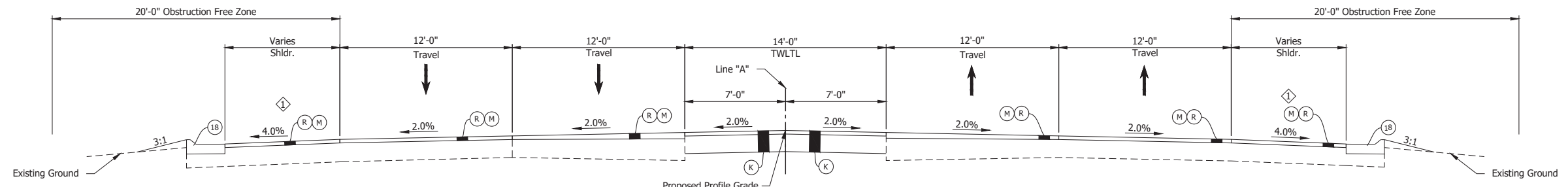
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS LINE "A"**

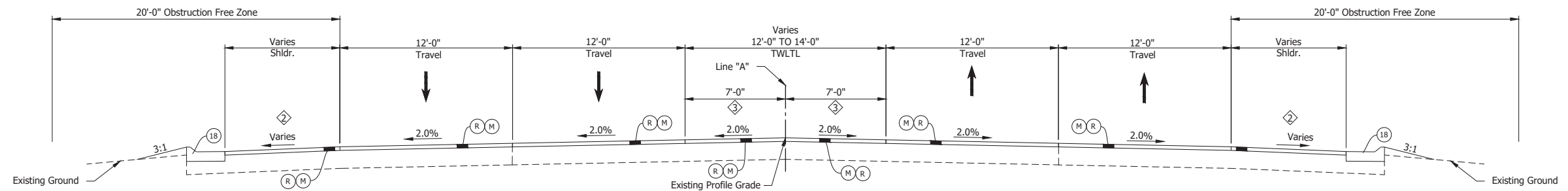
HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	5 of 321
CONTRACT	PROJECT
R-42444	1900177





**SR 2 TYPICAL SECTION  
LINE "A"**  
Sta. 610+24.77 to Sta. 658+58.00

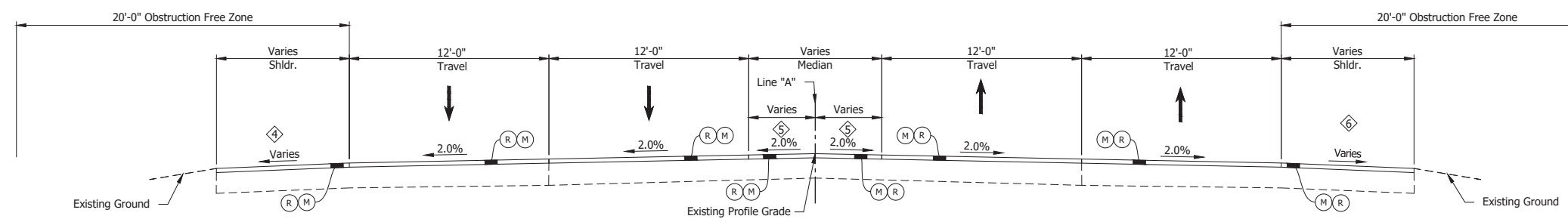
Shoulder Width Varies  
10'-0" Sta. 609+45.30 to Sta. 638+00.00  
10'-0" Sta. 638+00.00 to 6'-0" Sta. 658+58.00



**SR 2 TYPICAL SECTION  
LINE "A"**  
Sta. 658+58.00 to Sta. 672+90.50

Shoulder Width Varies  
6'-0" Sta. 658+58.00 to 4'-0" Sta. 670+00.00  
4'-0" Sta. 670+00.00 to Sta. 672+90.50

TWLTL Width Varies  
7'-0" Sta. 658+58.00 to Sta. 670+00.00  
7'-0" Sta. 670+00.00 to 6'-0" Sta. 672+90.50



**SR 2 TYPICAL SECTION  
LINE "A"**  
Sta. 672+90.50 to Sta. 688+89.60  
Sta. 695+94.90 to Sta. 703+84.40

Shoulder Width Varies  
2'-0" Sta. 672+90.50 to 8'-0" Sta. 688+89.60  
2'-0" Sta. 695+94.90 to Sta. 698+85.40  
2'-0" Sta. 698+85.40 to 10'-0" Sta. 699+85.40  
10'-0" Sta. 699+85.40 to Sta. 703+84.40

TWLTL Width Varies  
6'-0" Sta. 672+90.50 to 2'-0" Sta. 678+50.60  
2'-0" Sta. 678+50.60 to Sta. 688+89.60  
2'-0" Sta. 695+94.90 to Sta. 703+84.40

Shoulder Width Varies  
6'-0" Sta. 672+90.50 to 8'-0" Sta. 688+89.60  
2'-0" Sta. 695+94.90 to Sta. 703+84.40

- LEGEND:**
- (K) HMA Full Depth: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 275 lbs/syd OC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (M) 880 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd OC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 880 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (18) Combined Concrete Curb and Gutter, Type B

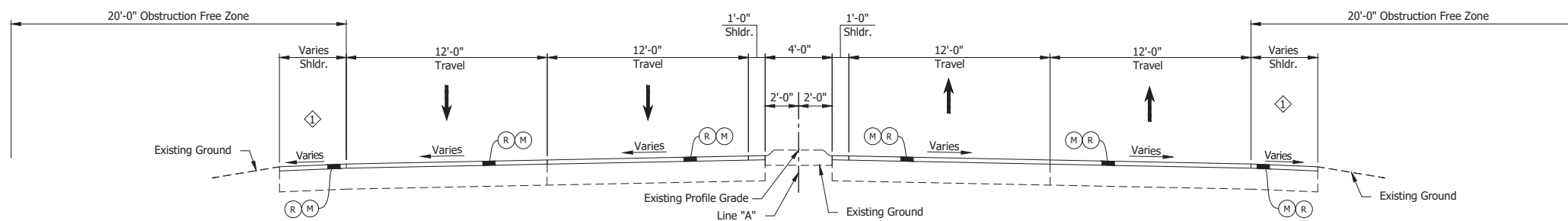
Date: Jun 23, 2023, 1:03pm User Name: Sara.Munish File: X:\production\files\2020\120-3001\PC\194\CD\Plans\Set(S) - Typical Sections (5)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

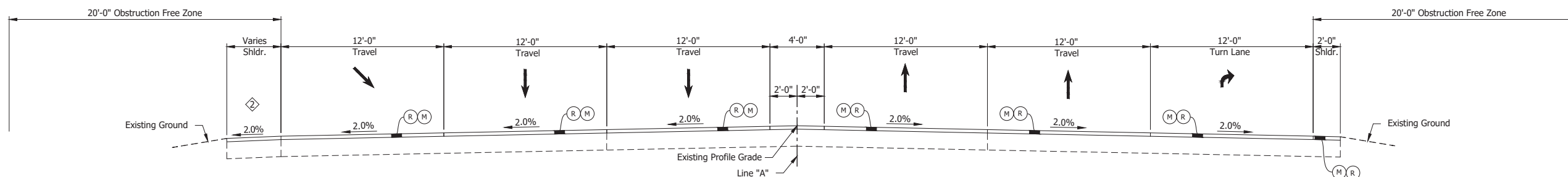
**TYPICAL SECTIONS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	7 of 321
CONTRACT	PROJECT
R-42444	1900177



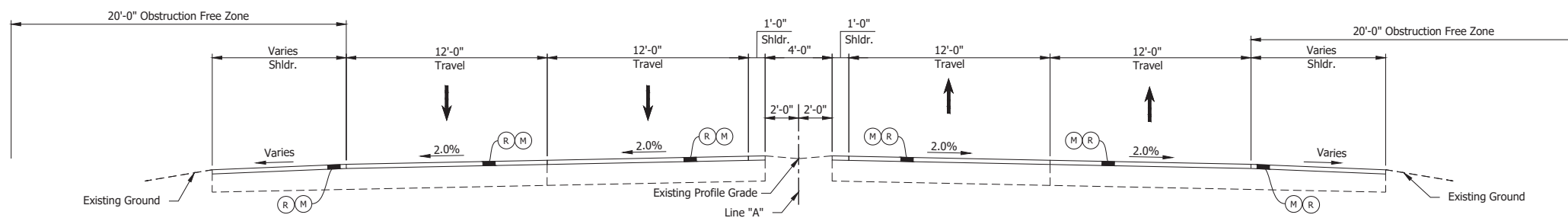
Shoulder Width Varies  
 9'-0" Sta. 688+89.60 to Sta. 689+56.60  
 9'-0" Sta. 689+56.60 to 2'-0" Sta. 690+58.70  
 2'-0" Sta. 690+58.70 to Sta. 695+94.90

**SR 2 TYPICAL SECTION  
 LINE "A"**  
 Sta. 688+89.60 to Sta. 695+94.90



Shoulder Width Varies  
 2'-0" Sta. 703+84.40 to Sta. 705+80.25  
 2'-0" Sta. 705+80.25 to 4'-0" Sta. 708+08.40

**SR 2 TYPICAL SECTION  
 LINE "A"**  
 Sta. 703+84.40 to Sta. 708+08.40



**SR 2 TYPICAL SECTION  
 LINE "A"**  
 Sta. 708+08.40 to Sta. 715+90.50

**LEGEND:**  
 (M) Milling, Asphalt, 4 in. minimum  
 (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

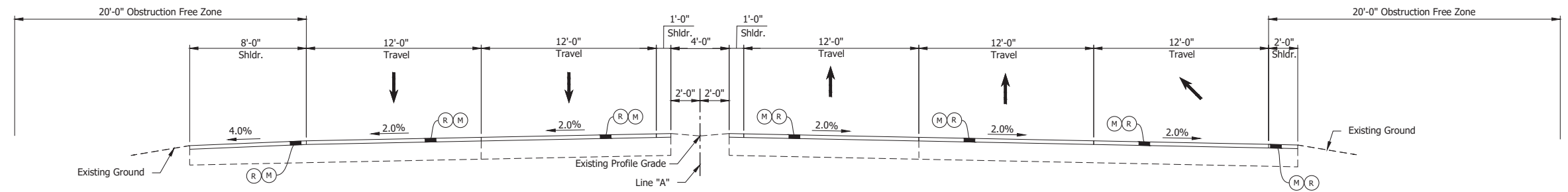
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

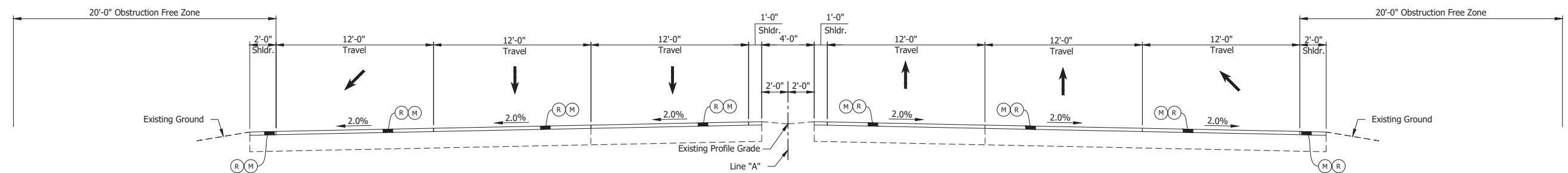
INDIANA  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	8 of 321
CONTRACT	PROJECT
R-42444	1900177



SR 2 TYPICAL SECTION  
LINE "A"  
Sta. 715+90.50 to Sta. 717+00.00



SR 2 TYPICAL SECTION  
LINE "A"  
Sta. 717+00.00 to Sta. 730+00.00

**LEGEND:**  
 (M) Milling, Asphalt, 4 in. minimum  
 (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 1:03pm User Name: Sara Munsie  
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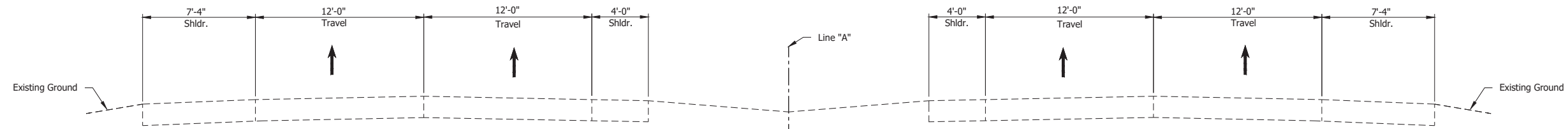
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
LINE "A"

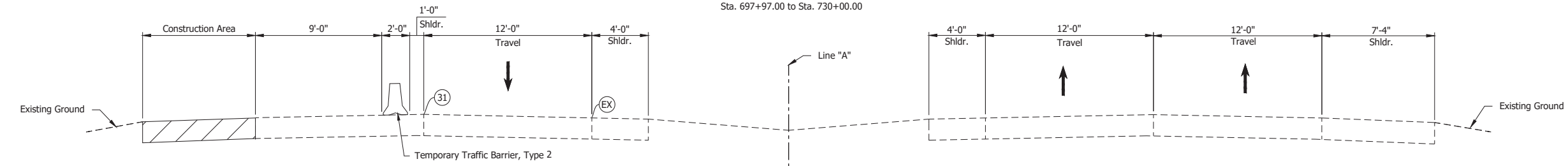
HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	9 of 321
CONTRACT	PROJECT
R-42444	1900177





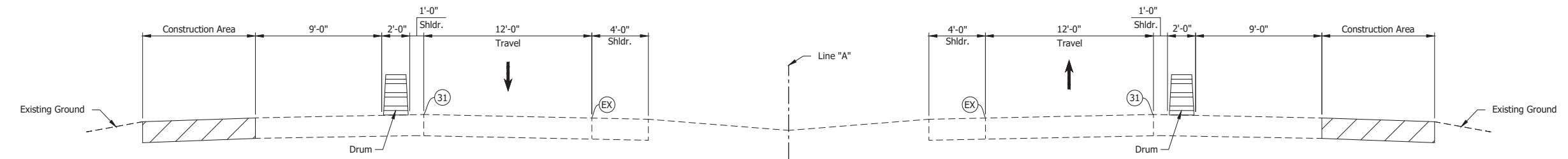
**MAINTENANCE OF TRAFFIC TYPICAL - PREPHASE 1**

Sta. 39+11.00 to Sta. 40+40.00  
 Sta. 77+75.00 to Sta. 204+42.00  
 Sta. 281+50.00 to Sta. 369+72.00  
 Sta. 401+24.00 to Sta. 448+34.00  
 Sta. 697+97.00 to Sta. 730+00.00



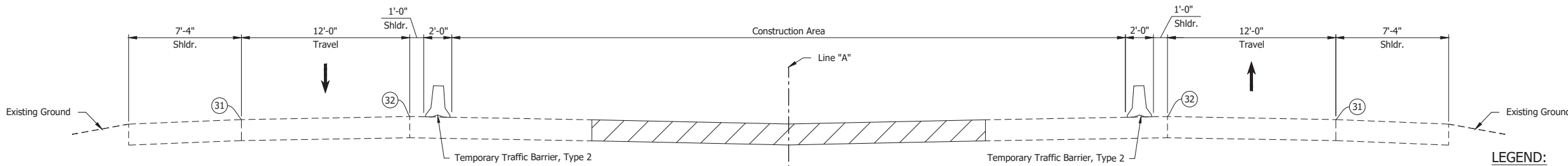
**MAINTENANCE OF TRAFFIC TYPICAL - PREPHASE 1**

Sta. 44+40.00 to Sta. 77+75.00  
 Sta. 204+42.00 to Sta. 281+50.00  
 Sta. 369+72.00 to Sta. 401+24.00



**MAINTENANCE OF TRAFFIC TYPICAL - PREPHASE 1**

Sta. 448+34.00 to Sta. 697+97.00



**MAINTENANCE OF TRAFFIC TYPICAL - PREPHASE 2**

- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (EX) Existing Pavement Marking
  - ▨ Construction Area

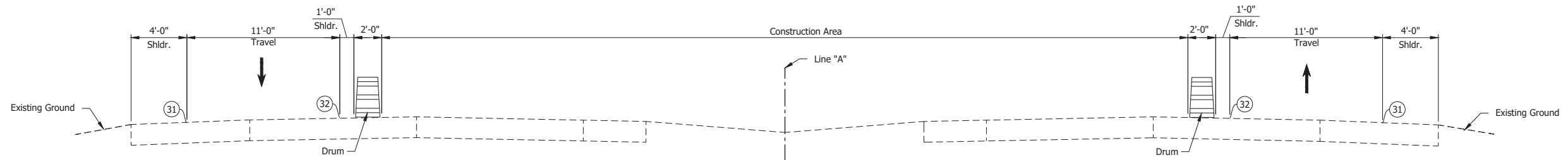
Date: Jun 23, 2023 1:04pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PC\19\CAD\Plans\Set(S)C\_RD\_MOT\_Typical.dwg (MOT Typ 00)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JAG	DRAWN: _____ JAG	
CHECKED: _____ WBF	CHECKED: _____ WBF	

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC PLAN TYPICAL SECTIONS	

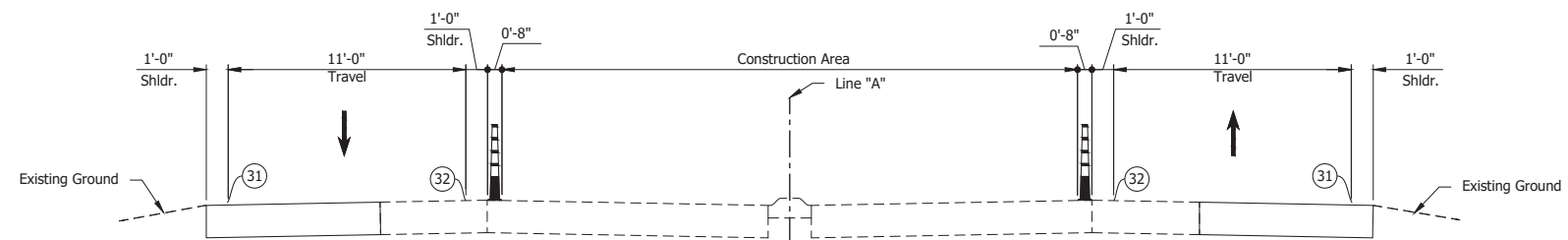
HORIZONTAL SCALE	BRIDGE FILE	
1/4" = 1'-0"	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	10	of 321
CONTRACT	PROJECT	
R-42444	1900177	





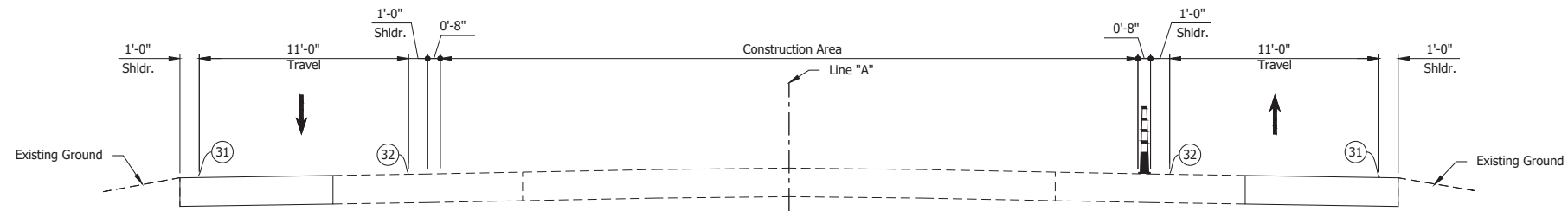
**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3A**

Sta. 475+00.00 to Sta. 602+50.50



**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3A**

Sta. 602+50.50 to Sta. 609+45.56  
Sta. 688+89.60 to Sta. 695+94.90



**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3A**

Sta. 609+45.56 to Sta. 688+89.60  
Sta. 695+94.90 to Sta. 733+00.00

**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable

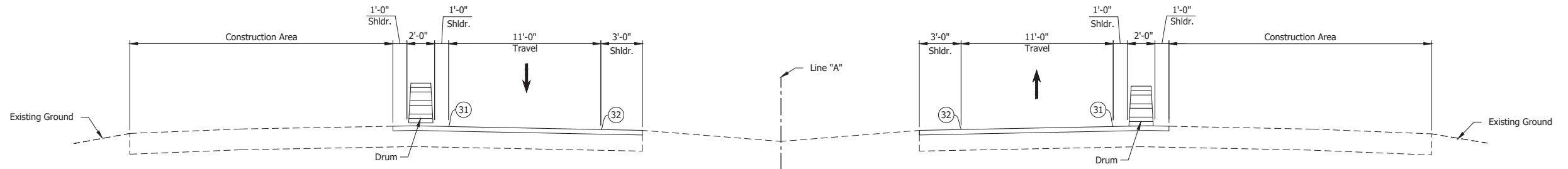
Date: Jun 23, 2023 1:04pm User Name: Sara.Munick  
File: X:\production\files\2020\220-3001\PC\194\CD\Plans\Set(S)C\_RD\_MOT\_Typical.dwg (MOT Typ.02)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JAG	DRAWN: _____ JAG	
CHECKED: _____ WBF	CHECKED: _____ WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

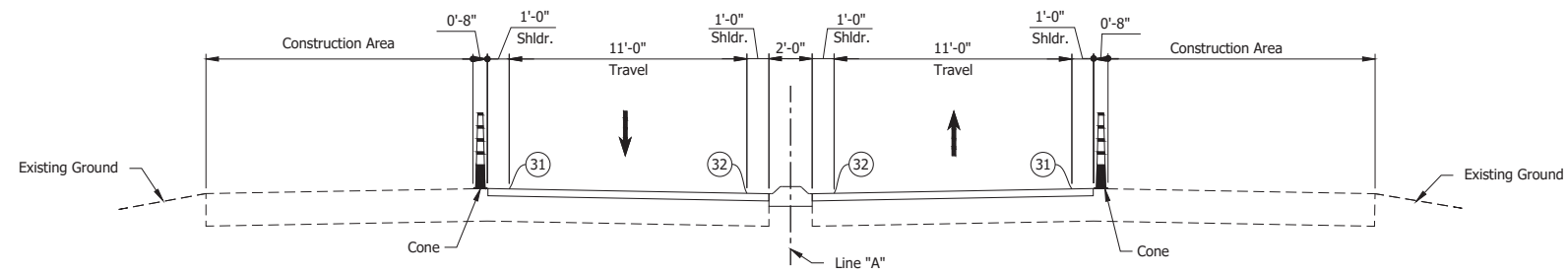
MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	12 of 321
CONTRACT	PROJECT
R-42444	1900177



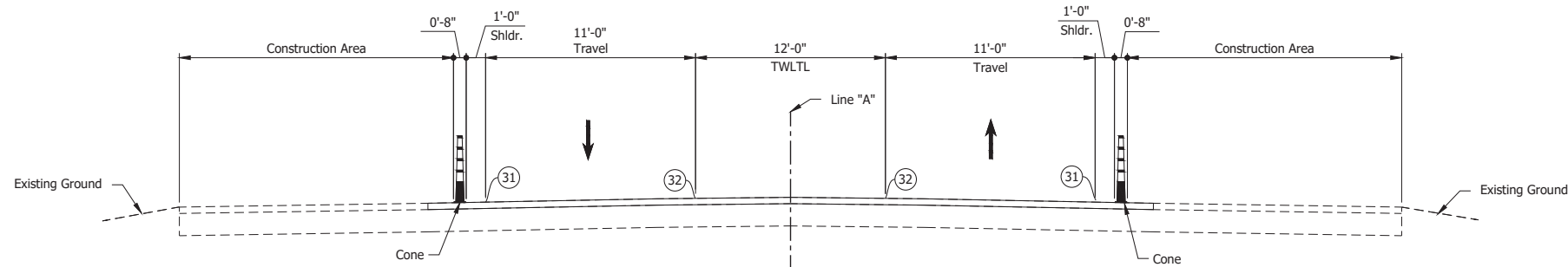
**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3B**

Sta. 475+00.00 to Sta. 602+50.50



**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3B**

Sta. 602+50.50 to Sta. 609+45.56  
Sta. 688+89.60 to Sta. 695+94.90



**MAINTENANCE OF TRAFFIC TYPICAL - PHASE 3A**

Sta. 609+45.56 to Sta. 688+89.60  
Sta. 695+94.90 to Sta. 733+00.00

**LEGEND:**

- 31 Temporary Pavement Marking, Solid, White, 4 in., Removable
- 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable

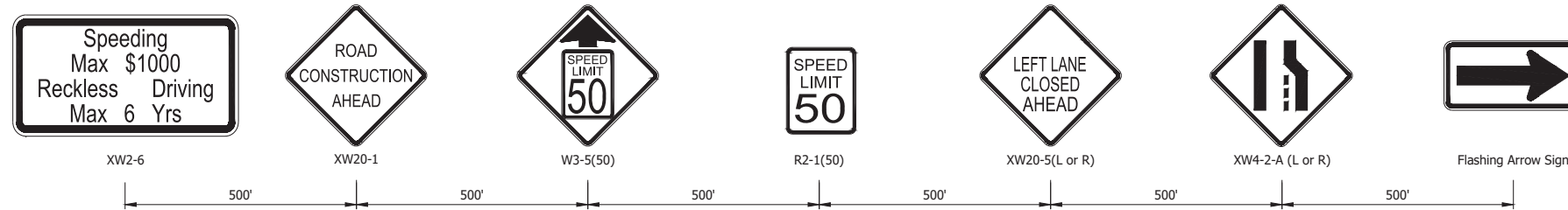
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JAG	DRAWN: _____ JAG	
CHECKED: _____ WBF	CHECKED: _____ WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

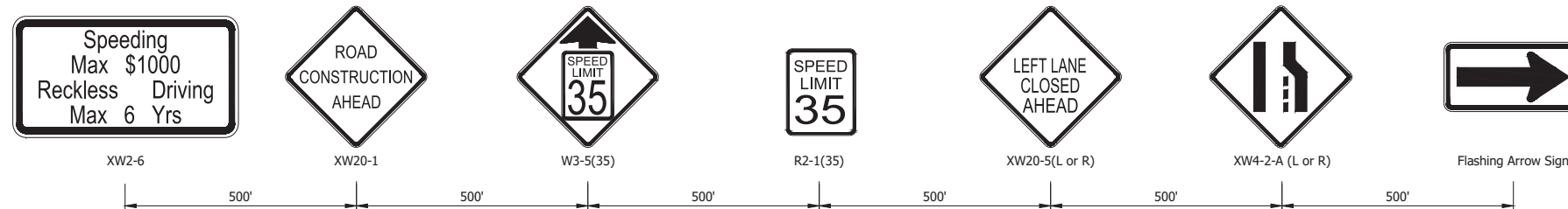
**MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS**

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	13 of 321
CONTRACT	PROJECT
R-42444	1900177



SR 2 LANE CLOSURE ADVANCE SIGN DETAIL 1  
OUTSIDE AND INSIDE SHOULDER

Not to Scale



SR 2 LANE CLOSURE ADVANCE SIGN DETAIL 2  
OUTSIDE AND INSIDE SHOULDER

Not to Scale

SEQUENCE OF OPERATIONS  
SR 2

FROM SR 2 AND US 20 INTERCHANGE TO SR 2 AND US 31 INTERCHANGE

PRE-PHASE

1. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as shown in the plans.
2. Perform work to as detailed in the plans and construction zones detailed in plans and described below in Pre-phases 1 and 2.

PRE-PHASE 1

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to inside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Perform work on SR 2 outside lanes and shoulders as detailed in the plans.

PRE-PHASE 2

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to outside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Construct Crossover 1, Crossover 2, and Crossover 3. Perform work on SR 2 inside lanes and shoulders as detailed in the plans.

PHASE 1

1. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as shown in the plans.
2. Perform work to as detailed in the plans and construction zones detailed in plans and described below in Phases A, B, C, D, and E.

PHASE 1A

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Traffic will use Crossover 1 and Crossover 2 and be restricted to the WB side of SR 2. Left turn lanes will be added at intersections as detailed in the plans.
- c. Perform work on SR 2 EB as detailed in the plans.

PHASE 1B

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Traffic will use a Crossover 1 and Crossover 2 and be restricted to the EB side of SR 2. Left turn lanes will be added at intersections as detailed in the plans.
- c. Perform work on SR 2 WB as detailed in the plans.

PHASE 1C

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to outside shoulders and lanes. Exit ramp at interchange and intersections will remain opened as detailed in the plans.
- c. Left turn movements restricted from SR 2 to CR 600 S. SB and NB through movements restricted on CR 600 S.
- d. Remove Crossover 1 as detailed in the plans.

PHASE 1D

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to inside shoulders and lanes. Exit ramp at interchange and intersections will remain opened as detailed in the plans.
- c. Left turn movements restricted from SR 2 to CR 600 S. SB and NB through movements restricted on CR 600 S.
- d. Perform work as detailed in the plans.

PHASE 1E

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict WB traffic to inside lane and outside shoulder. Exit ramp at interchange and intersections will remain opened as detailed in the plans.
- c. Left turn movements restricted from SR 2 to CR 600 S. SB and NB through movements restricted on CR 600 S.
- d. Perform work as detailed in the plans.

PHASE 2

1. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as shown in the plans.
2. Perform work to as detailed in the plans and construction zones detailed in plans and described below in Phases A, B, C, and D.

PHASE 2A

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Traffic will use Crossover 2 and Crossover 3 and be restricted to the WB side of SR 2. Left turn lanes will be added at intersections as detailed in the plans.
- c. Perform work on SR 2 EB as detailed in the plans.

PHASE 2B

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Traffic will use a Crossover 2 and Crossover 3 and be restricted to the EB side of SR 2. Left turn lanes will be added at intersections as detailed in the plans.
- c. Perform work on SR 2 WB as detailed in the plans.

PHASE 2C

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to outside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Remove Crossover 2 as detailed in the plans.

PHASE 2D

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to inside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Perform work as detailed in the plans.

PHASE 3

1. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as shown in the plans.
2. Perform work to as detailed in the plans and construction zones detailed in plans and described below in Phases A and B.

PHASE 3A

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to outside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Remove Crossover 3 and perform work as detailed in the plans.

PHASE 3B

- a. Place construction signs, temporary markings, channelizing devices, and temporary traffic barriers as detailed in the plans.
- b. Restrict traffic to inside shoulders and lanes. Intersections will remain opened as detailed in the plans.
- c. Perform work as detailed in the plans.

GENERAL NOTES

1. Access to residences and businesses shall be maintained at all times.
2. Construction zone speed limit signs should be added approximately every two miles for the duration of the project and the current speed limit signs should be bagged.

Date: Jun 23, 2023 1:09pm User Name: Sara Munsie  
File: X:\Production\Files\2020\20-3001\PRO\44\44\Plans\Set\SR2\_RD\_MOT\_Typicals.dwg - (NOT Advanced Sign Details)

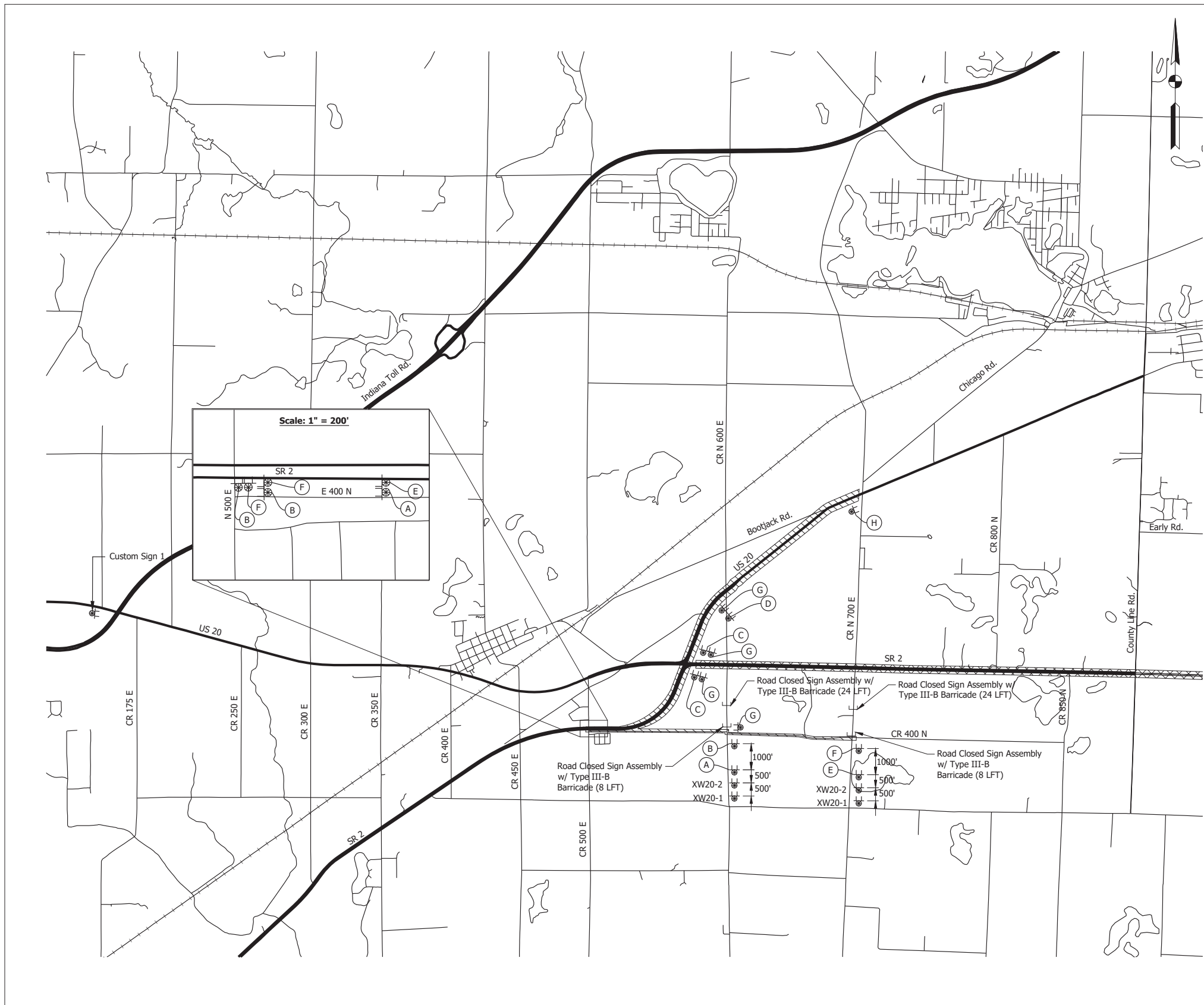
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JAG	DRAWN: _____ BJS	
CHECKED: _____ WBF	CHECKED: _____ WBF	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC ADVANCED SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	14 of 321
CONTRACT	PROJECT
R-42444	1900177



Date: Jul 26, 2023, 2:00pm User Name: Sara Mursic  
 File: X:\production\files\2020120-3301\PCU\94\LD\Plans\Set\SR\_2\_MOT Detour 600 and 700.dwg - (N 600 E and N 700 E Detour)

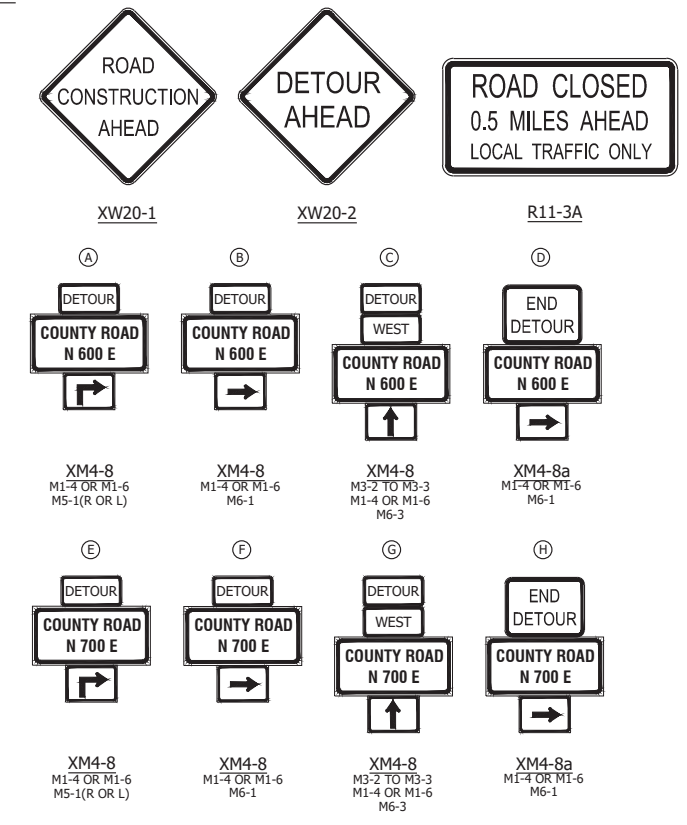


CONSTRUCTION SIGN SCHEDULE				
SIGN NO.	DESCRIPTION	SIZE (IN)	TYPE	QUANTITY
XW20-1	"ROAD CONSTRUCTION AHEAD" Sign	48 x 48	A	2
XW20-2	"DETOUR AHEAD" Sign	48 x 48	A	2
TOTAL TYPE "A" SIGNS				4

Detour Route Marker Assemblies 18 Req'd.  
 Road Closure Sign Assemblies 4 Req'd.  
 Type III-A Barricades 0 LFT  
 Type III-B Barricades 64 LFT

(1) Included with road closure sign assembly.

**LEGEND:**



**LEGEND**

Construction Zone  
 Detour Route

**GENERAL NOTES:**

- All maintenance of traffic devices, signs and pavement markings shall conform to the latest edition of the Indiana MUTCD.
- See INDOT Std. Drwg. 801-TCDD-01 for sign spacing requirements and additional notes.
- See INDOT Std. Drwg. 801-TCLG-01 for standard notes.
- Type B construction warning lights shall be used with all signs located on barricades. Type A construction warning lights shall be used on all other construction signs.

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JRM	DRAWN: _____ JRM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
 Detour  
 N 600 E and N 700 E

HORIZONTAL SCALE	BRIDGE FILE
1" = 2000'	N/A
VERTICAL SCALE	DESIGNATION
----	1900177
SURVEY BOOK	SHEET
ELECTRONIC	---- of 321
CONTRACT	PROJECT
R-42444	1900177

Date: Jul 26, 2023, 2:00pm User Name: Sara Mursic  
 File: X:\production\files\2020120-3301\PCU\94\LD\Plans\Set\SR\_2\_MOT\_Detour.dwg - (County Line Detour)



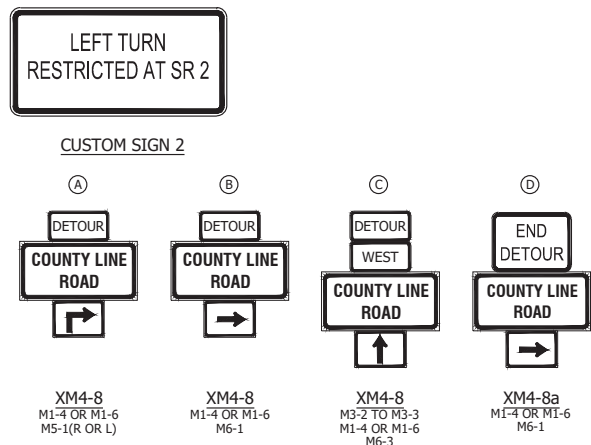
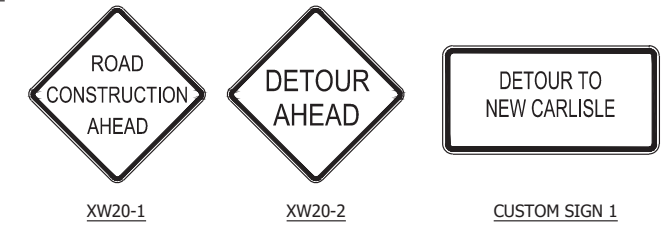
**CONSTRUCTION SIGN SCHEDULE**

SIGN NO.	DESCRIPTION	SIZE (IN)	TYPE	QUANTITY	
CUSTOM SIGN 1	"DETOUR TO NEW CARLISLE" Sign	N x N	C	1	
CUSTOM SIGN 2	"LEFT TURN RESTRICTED AT STATE ROAD 2" Sign	N x N	C	1	
				TOTAL TYPE "C" SIGNS	2
XW20-1	"ROAD CONSTRUCTION AHEAD" Sign	48 x 48	A	1	
XW20-2	"DETOUR AHEAD" Sign	48 x 48	A	1	
				TOTAL TYPE "A" SIGNS	6

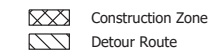
Detour Route Marker Assemblies 7 Req'd.  
 Road Closure Sign Assemblies 0 Req'd.  
 Type III-A Barricades 0 LFT  
 Type III-B Barricades 0 LFT

(1) Included with road closure sign assembly.

**LEGEND:**



**LEGEND**



**GENERAL NOTES:**

- All maintenance of traffic devices, signs and pavement markings shall conform to the latest edition of the Indiana MUTCD.
- See INDOT Std. Drwg. 801-TCDD-01 for sign spacing requirements and additional notes.
- See INDOT Std. Drwg. 801-TCLG-01 for standard notes.
- Type B construction warning lights shall be used with all signs located on barricades. Type A construction warning lights shall be used on all other construction signs.

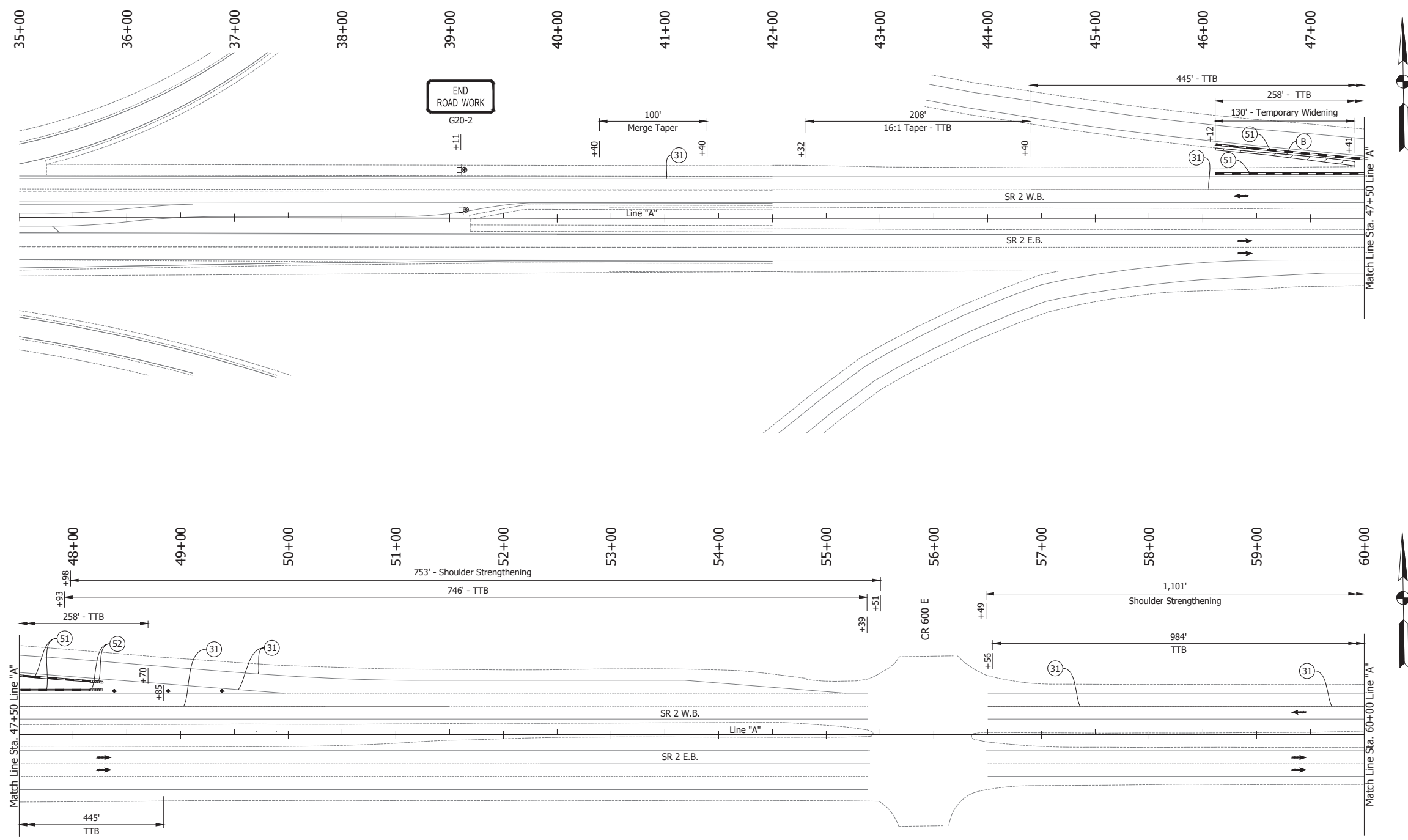
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: JAG	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

DETOUR  
COUNTY LINE ROAD

HORIZONTAL SCALE	BRIDGE FILE
1" = 1000'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	15 of 321
CONTRACT	PROJECT
R-42444	1900177

Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Plan\_Pre-Phase 1 (1).dwg - (MOT Pre-Phase 1 (1))

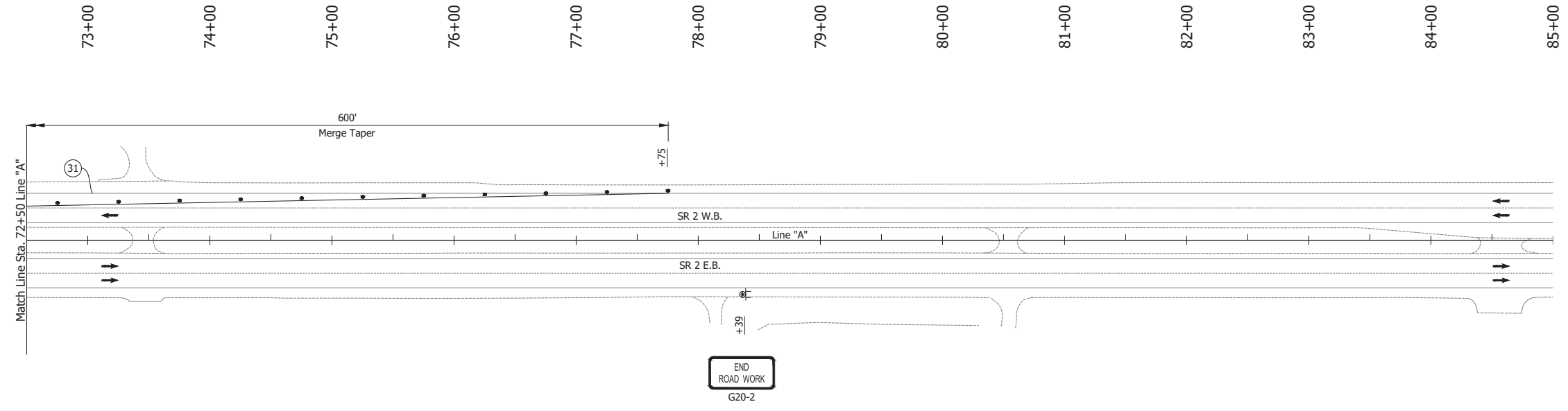
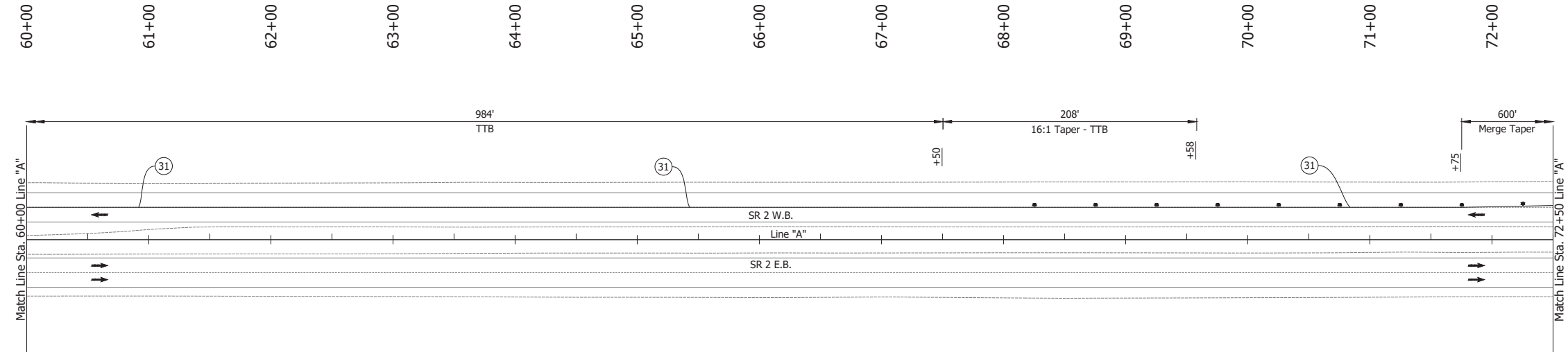


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
					1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF				N/A	1900177
					SURVEY BOOK	SHEET
					ELECTRONIC	16 of 321
					CONTRACT	PROJECT
					R-42444	1900177

Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan-Phase 1.dwg - (MOT Pre-Phase 1 (2))

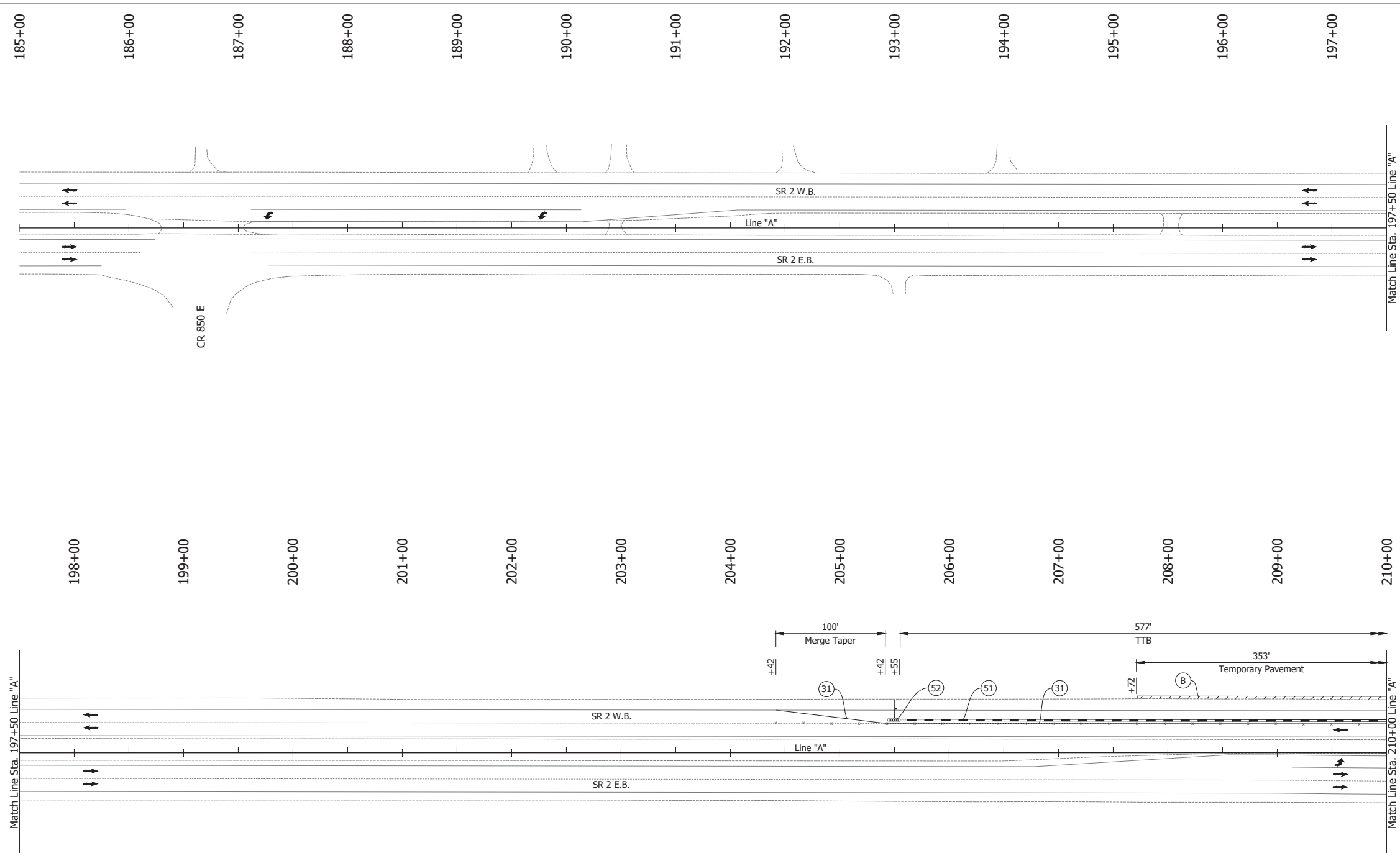


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	17 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
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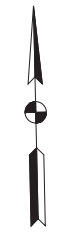
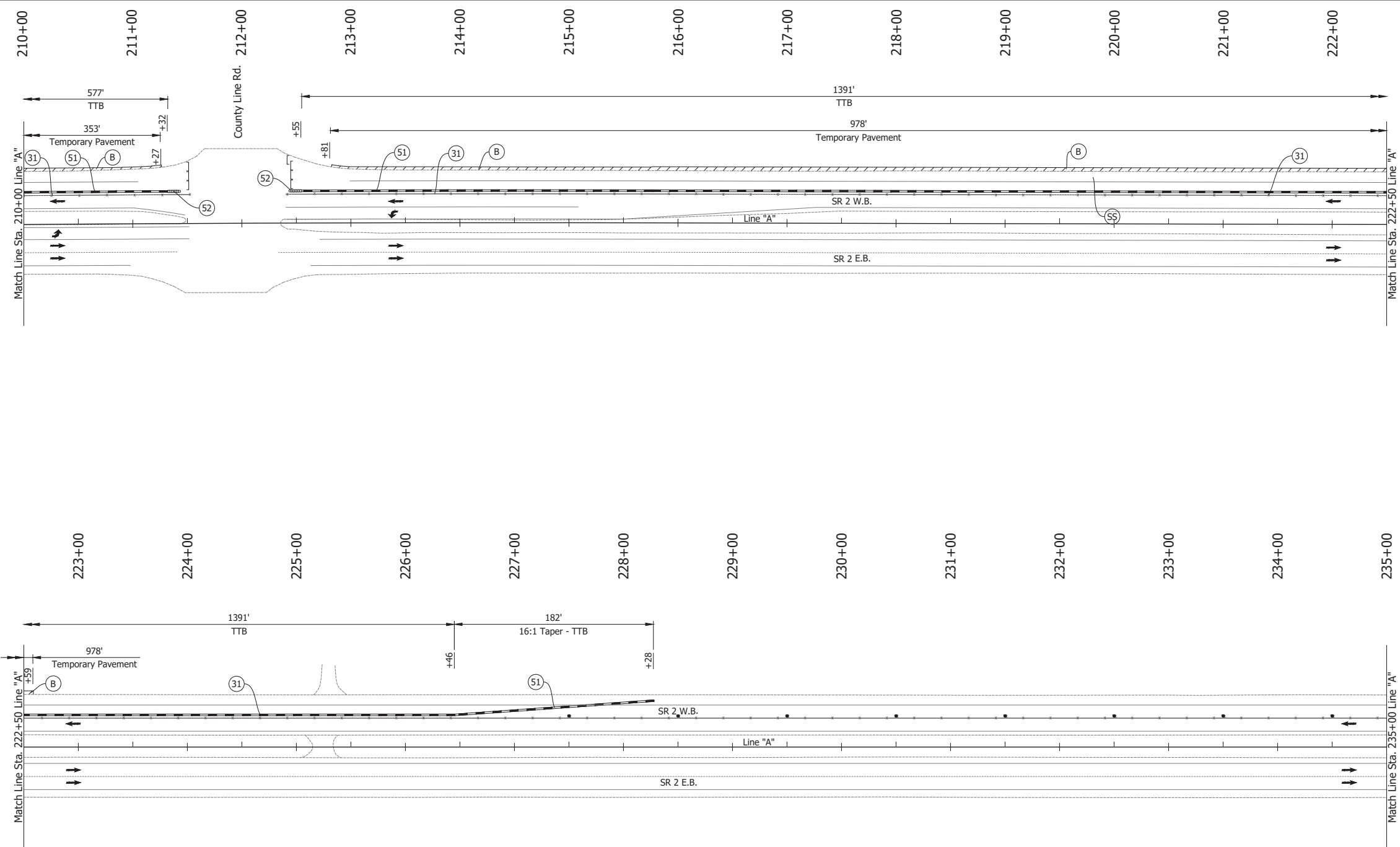
- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	18 of 321
			CONTRACT	PROJECT
			R-42444	1900177



Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
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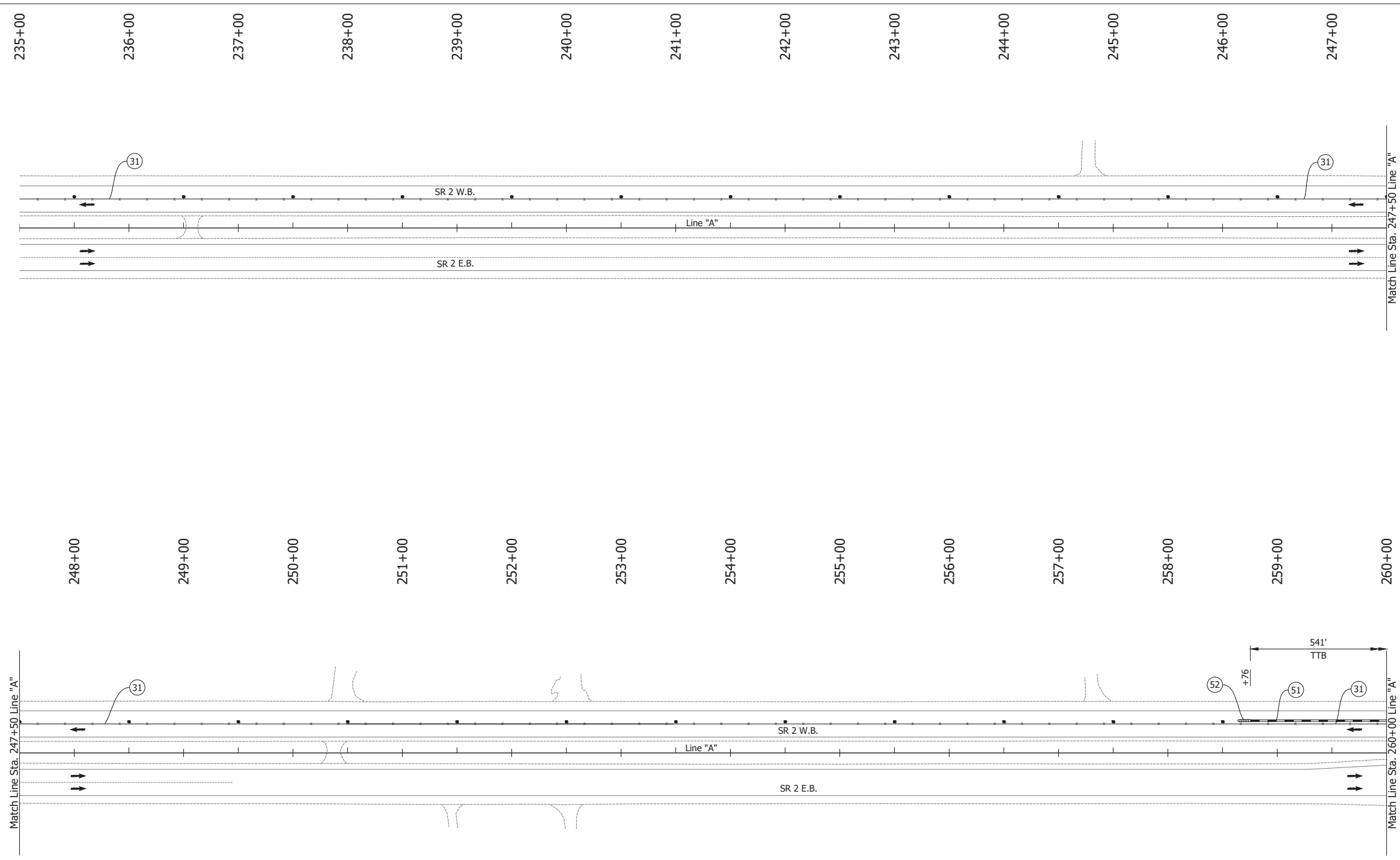


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	19 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
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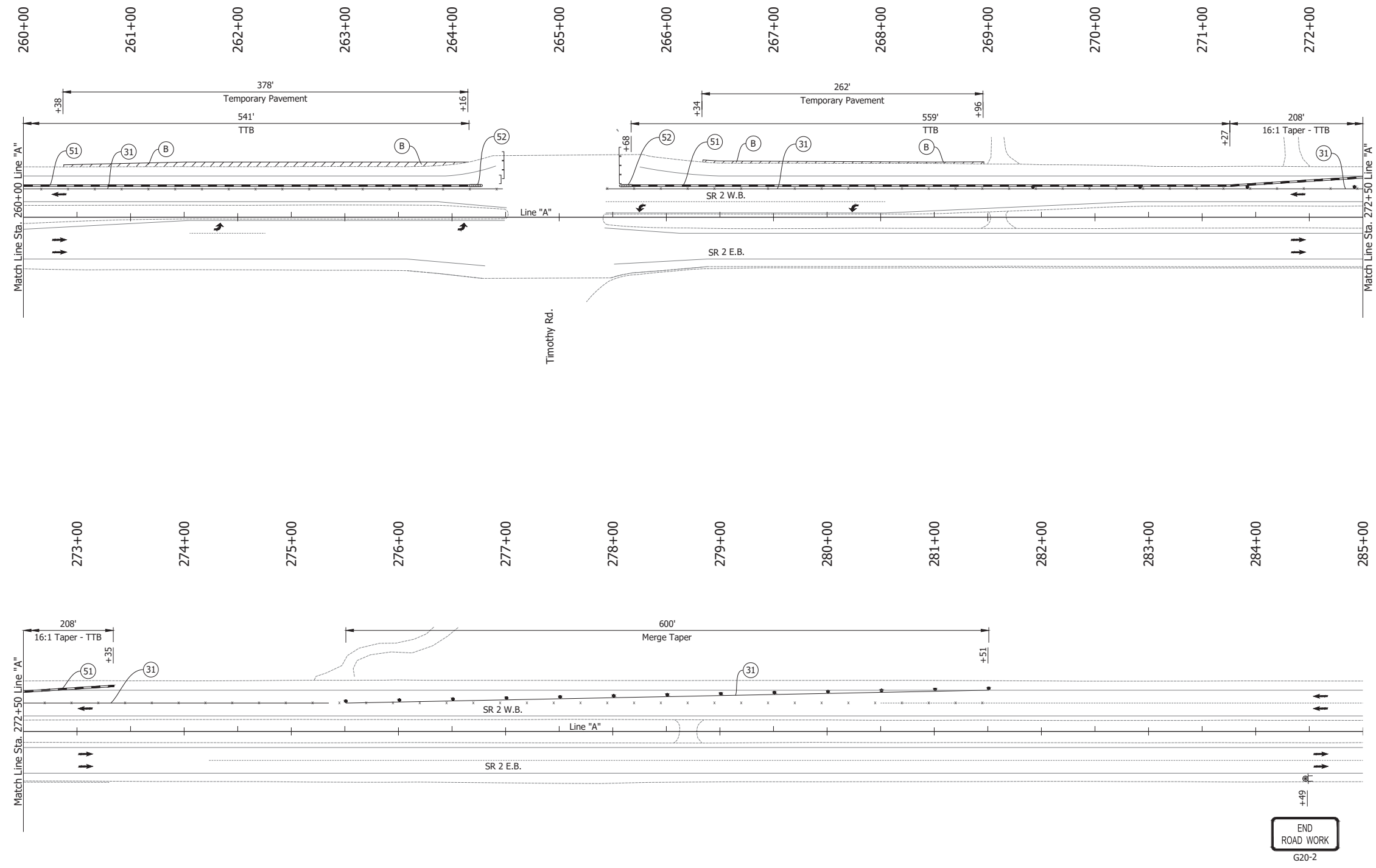


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	20 of 321
			CONTRACT	PROJECT
			R-42444	1900177

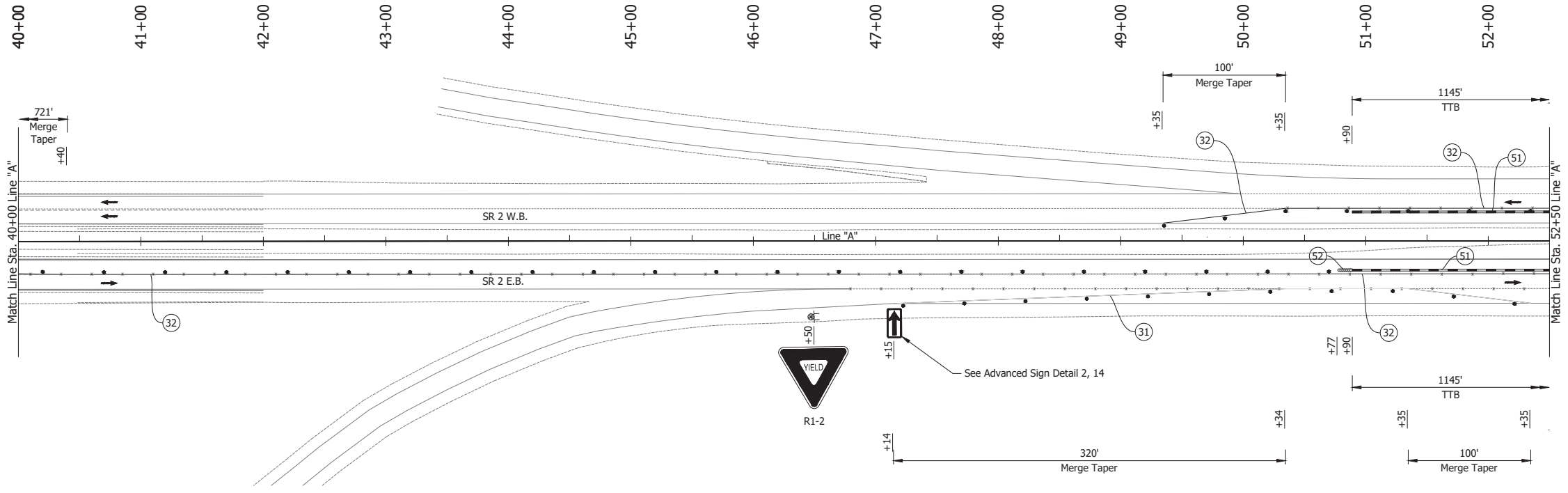
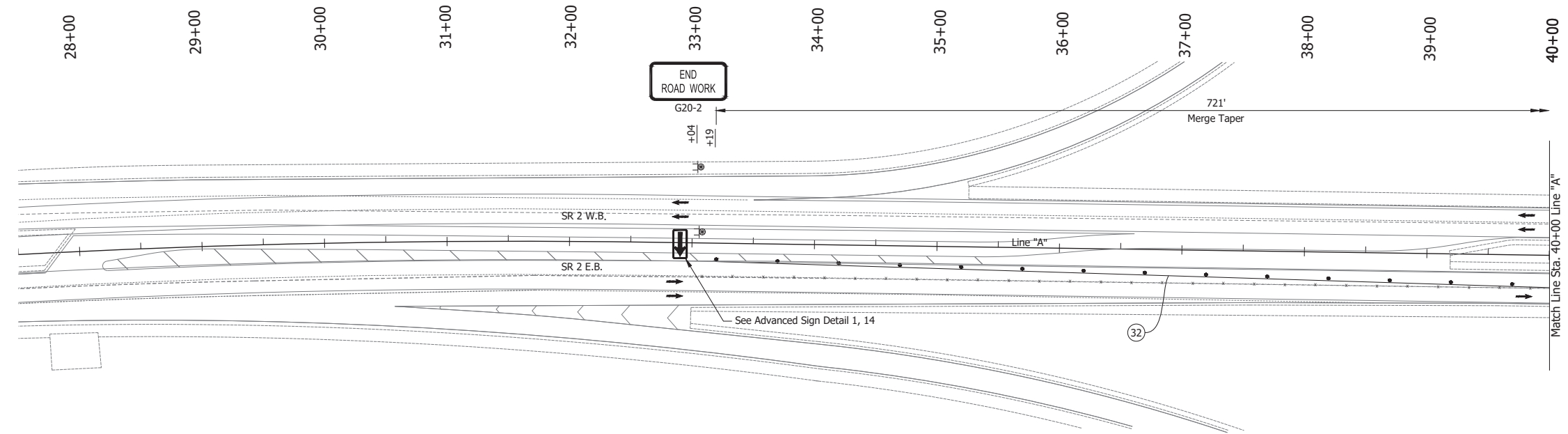
Date: Jun 23, 2023, 1:05pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PRJ-04\ICAD\PlanSet\SR\_L\_RD\_MOT Plans Pre-Phase 1.dwg - (MOT Pre-Phase 1 (10))



- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PRE-PHASE 1	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	21 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (34) Temporary Transverse Pavement Marking, Removable, 24 in.
- (51) Temporary Traffic Barrier, Type 2
- Barrels
- ↔ Traffic Flow
- Line, Remove

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

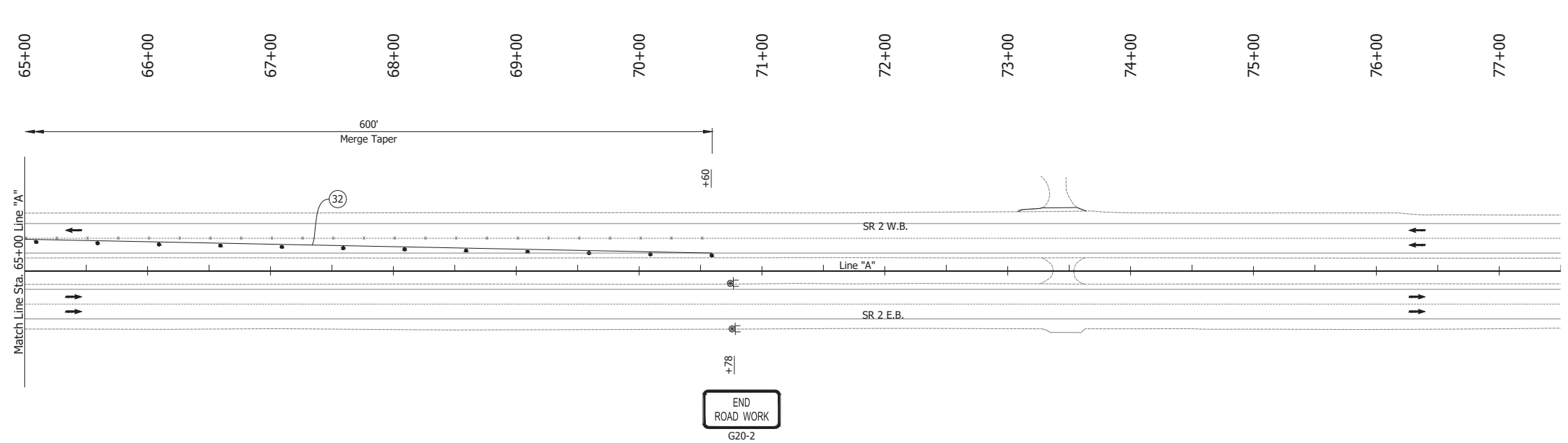
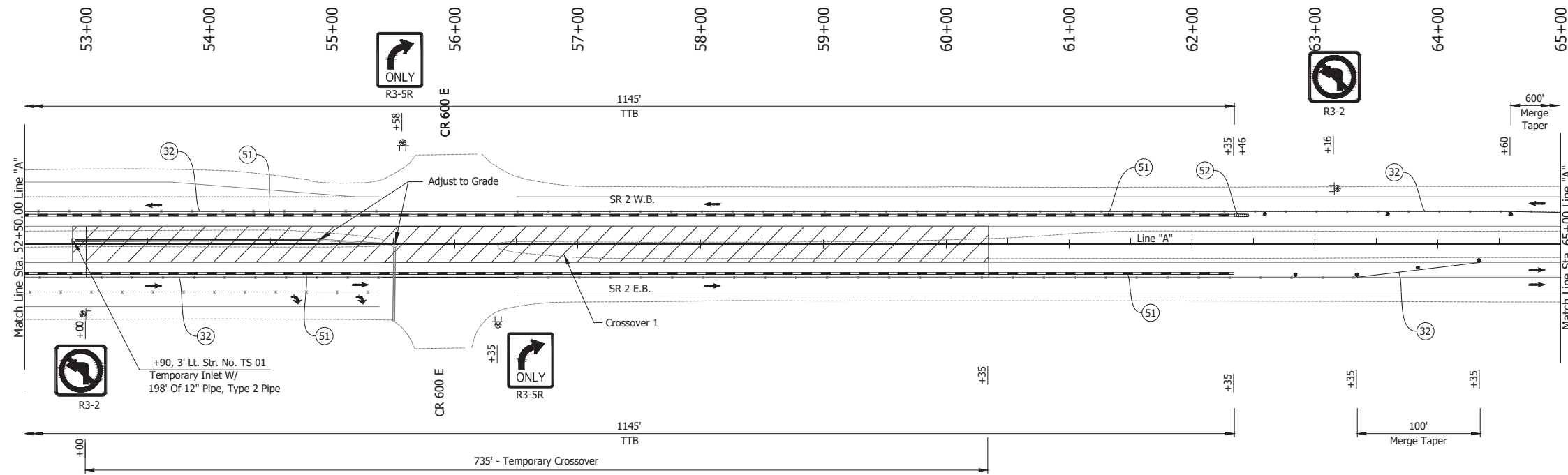
Date: Jun 23, 2023 1:06pm User Name: Sara.Munish File: X:\production\files\2201220-3001\PC\194\CAD\plans\set\SR\_2\_MOT\_Phs-Pre-Phase 2 (01.dwg)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 22 of 321
CONTRACT R-42444	PROJECT 1900177



- LEGEND:**
- ③② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ⑤① Temporary Traffic Barrier, Type 2
  - Barrels
  - ↔ Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023 1:06pm User Name: Sara.Munick  
 File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set(S)C\_RD\_MOT\_Phs-Pre-Phase 2 (01b)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

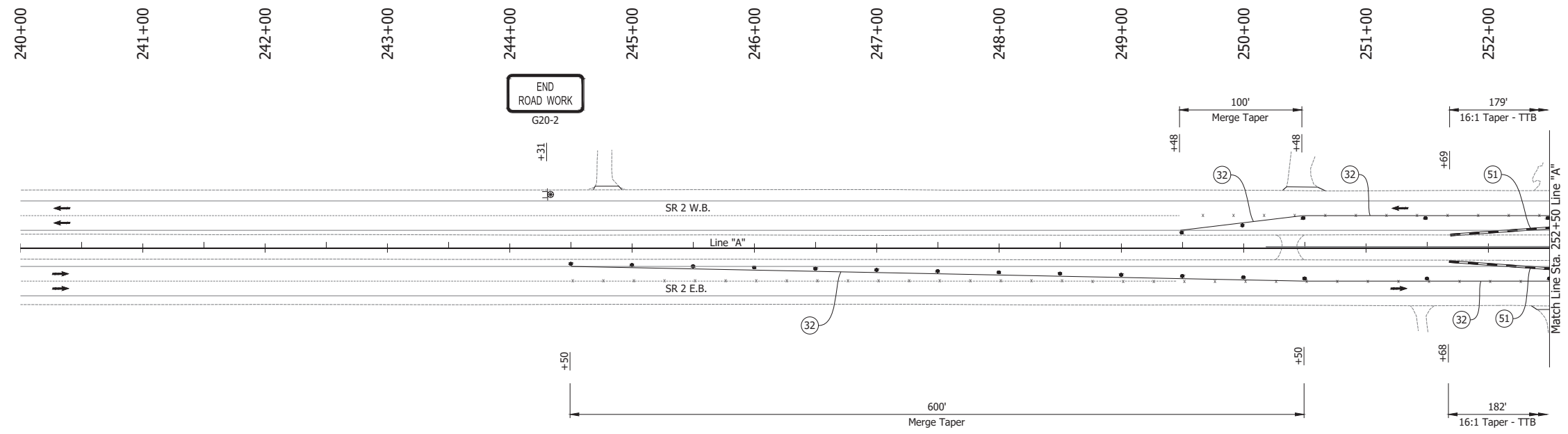
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	23 of 321
CONTRACT	PROJECT
R-42444	1900177



Date: Jun 23, 2023 1:06pm User Name: Sara Munsie  
 File: X:\production\files\2201220-3001\PC\19\CAD\Plans\Set(S)C\_RD\_MOT Plans Pre-Phase 2 (010).dwg - (MOT Pre-Phase 2 (010))



- LEGEND:**
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - Barrels
  - or ← Traffic Flow
  - ⊥ Construction Sign
  - Line, Remove

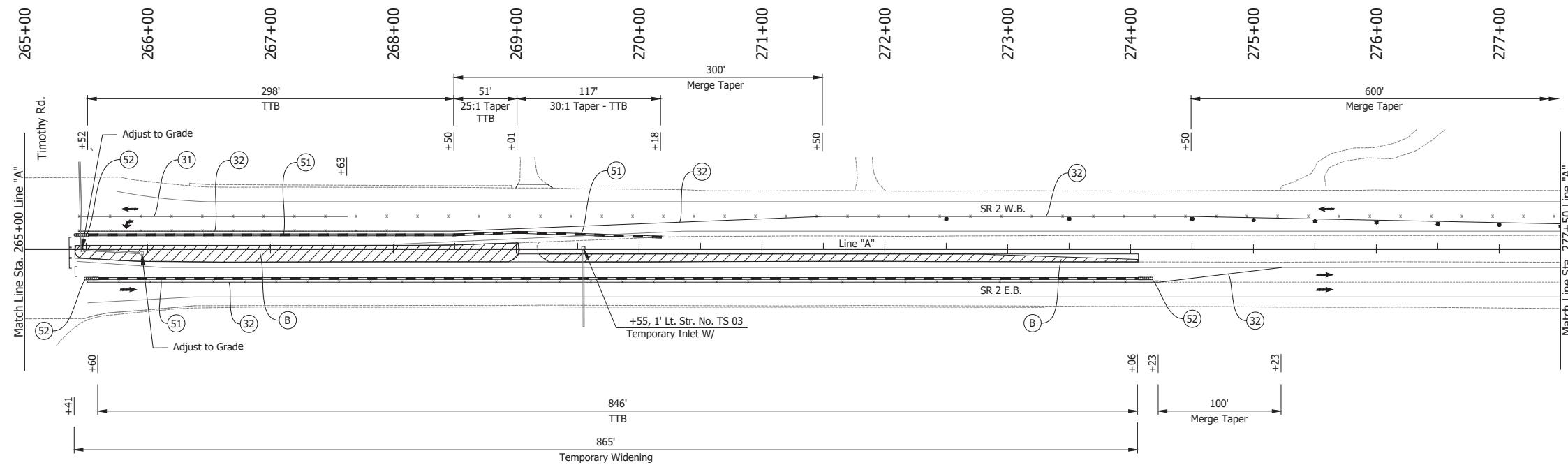
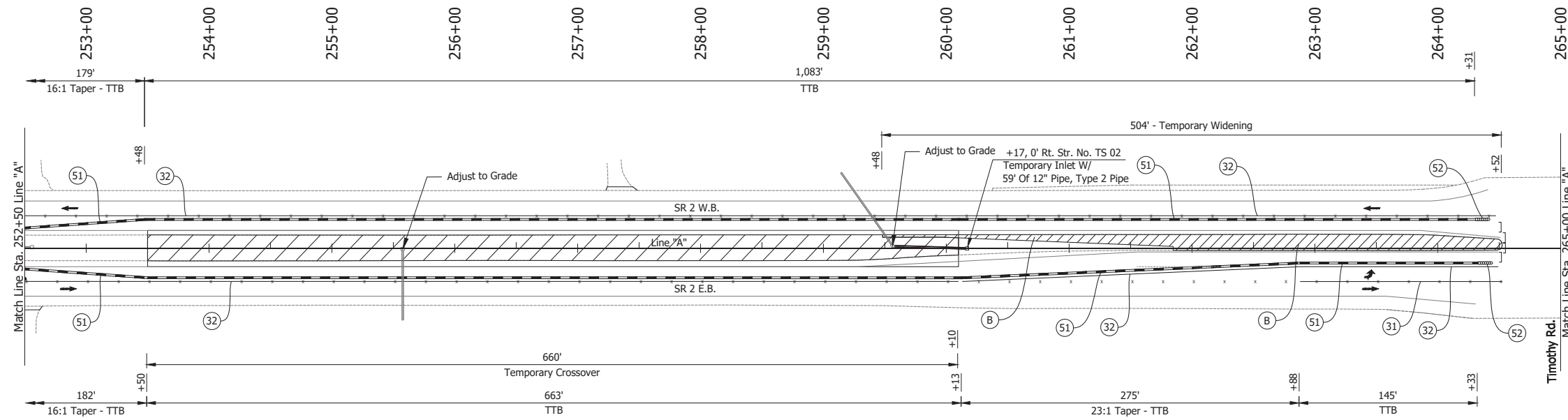
- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	24 of 321
CONTRACT	PROJECT
R-42444	1900177



- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

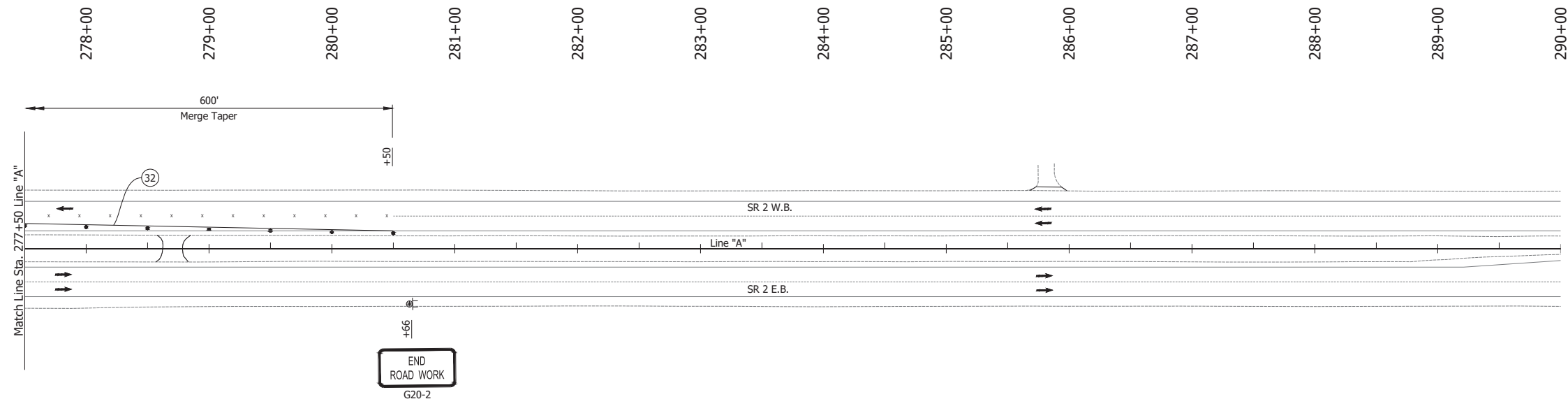
Date: Jun 23, 2023 1:06pm User Name: Sara, Munsie File: X:\production\files\20201220-2001\PRO\4\CAD\Plans\Set(S)C\_RD\_MOT\_Phs-Pre-Phase 2 (01a).dwg

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	25 of 321
CONTRACT	PROJECT
R-42444	1900177



- LEGEND:**
- Ⓧ Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ or → Traffic Flow
  - Ⓜ Construction Sign
  - Line, Remove

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023 1:06pm User Name: Sara Munsie  
 File: X:\production\files\2020\20-3001\PC\04\GAD\Plan\Set(Sk\_RD)\_MOT Plans Pre-Phase 2 (017).dwg - (MOT Pre-Phase 2 (017))

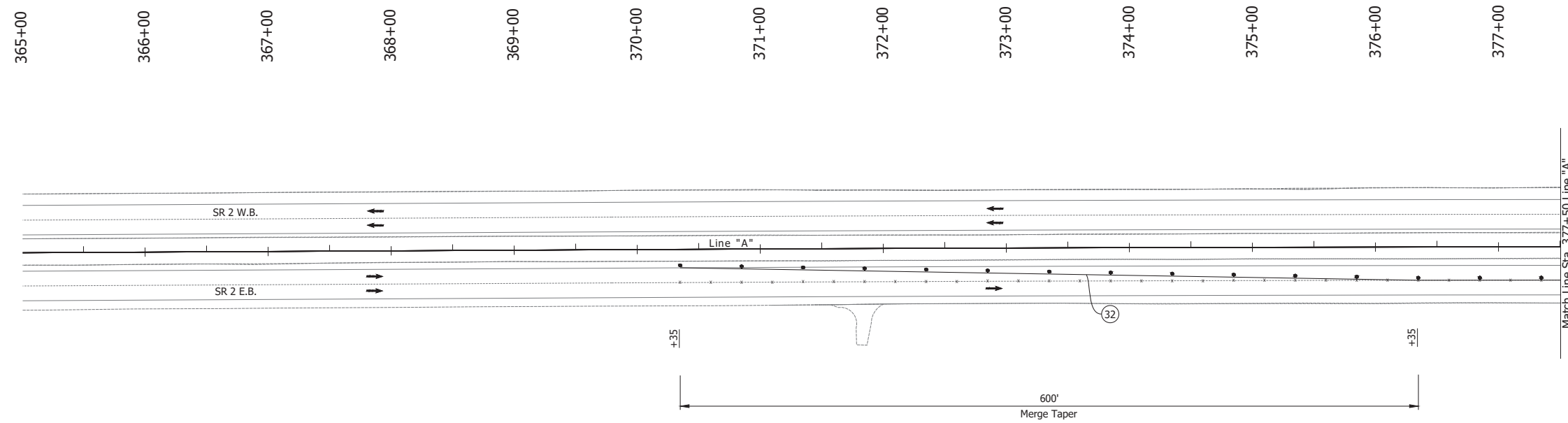
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	26	of 321
CONTRACT	PROJECT	
R-42444	1900177	

Date: Jun 23, 2023 1:06pm User Name: Sara Munsie  
 File: X:\production\files\2020\220-3001\PC\194\CAD\plans\set\SR\_2\_MOT\_Plane\_Pre-Phase 2.dwg - (MOT Pre-Phase 2 (4))



- LEGEND:**
- ③ Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - or ← Traffic Flow
  - Line, Remove

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

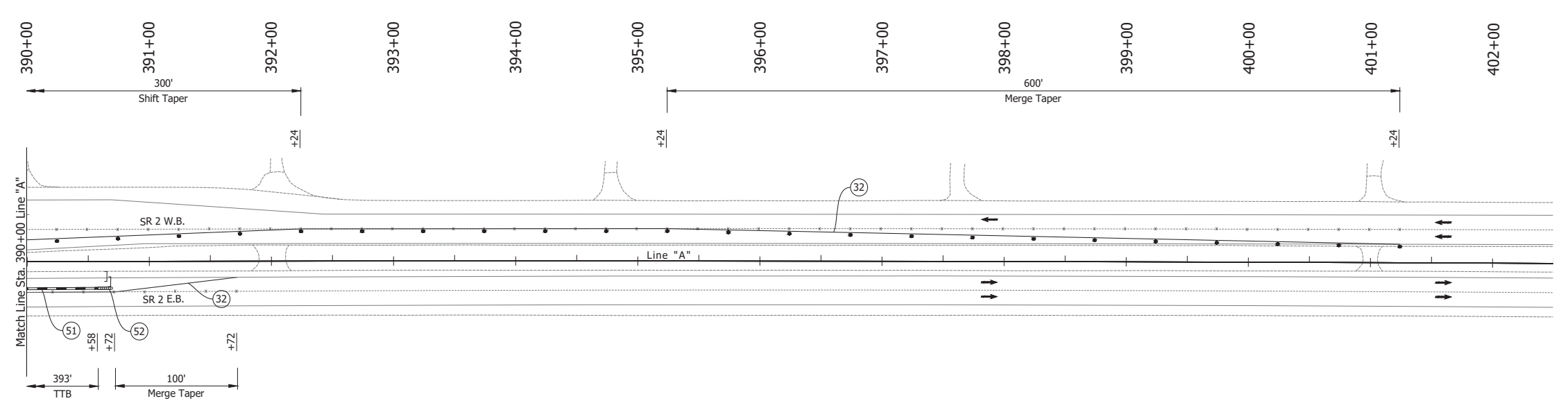
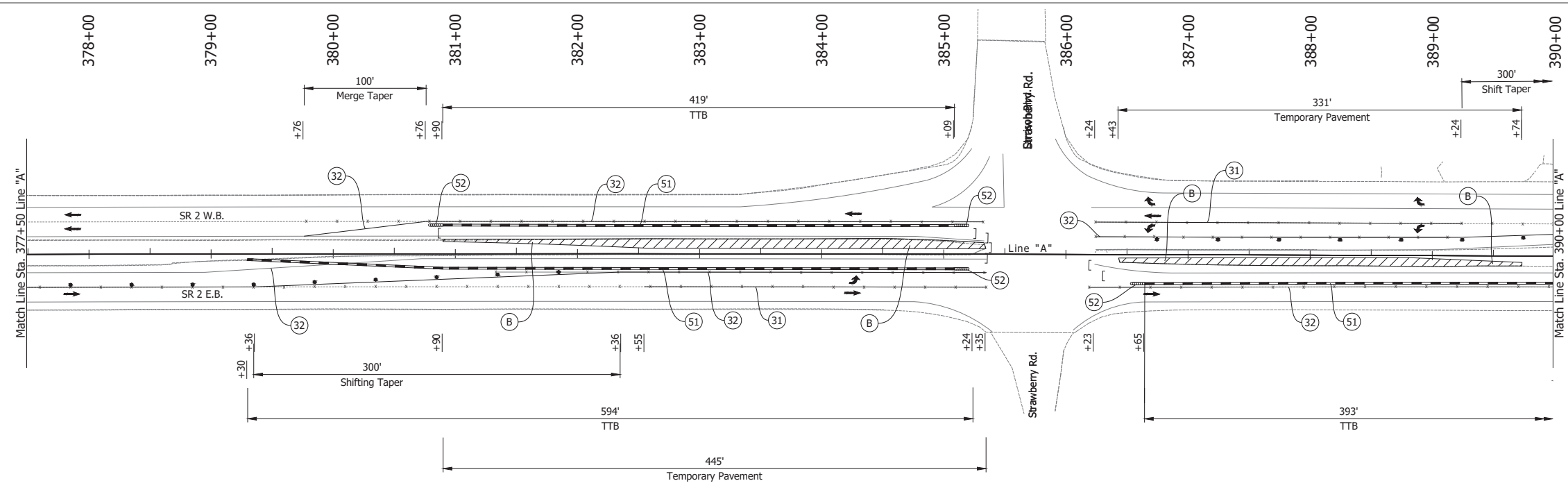
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JAG	DRAWN: _____ BJS	
CHECKED: _____ WBF	CHECKED: _____ WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PRE-PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	27 of 321
CONTRACT	PROJECT
R-42444	1900177

Date: Jun 23, 2023, 1:06pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SR\_2\_MOT\_Plan\_Pre-Phase 2 (5).dwg



- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - (B) HMA for Temporary Pavement
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ] Barricade, Type III-B

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

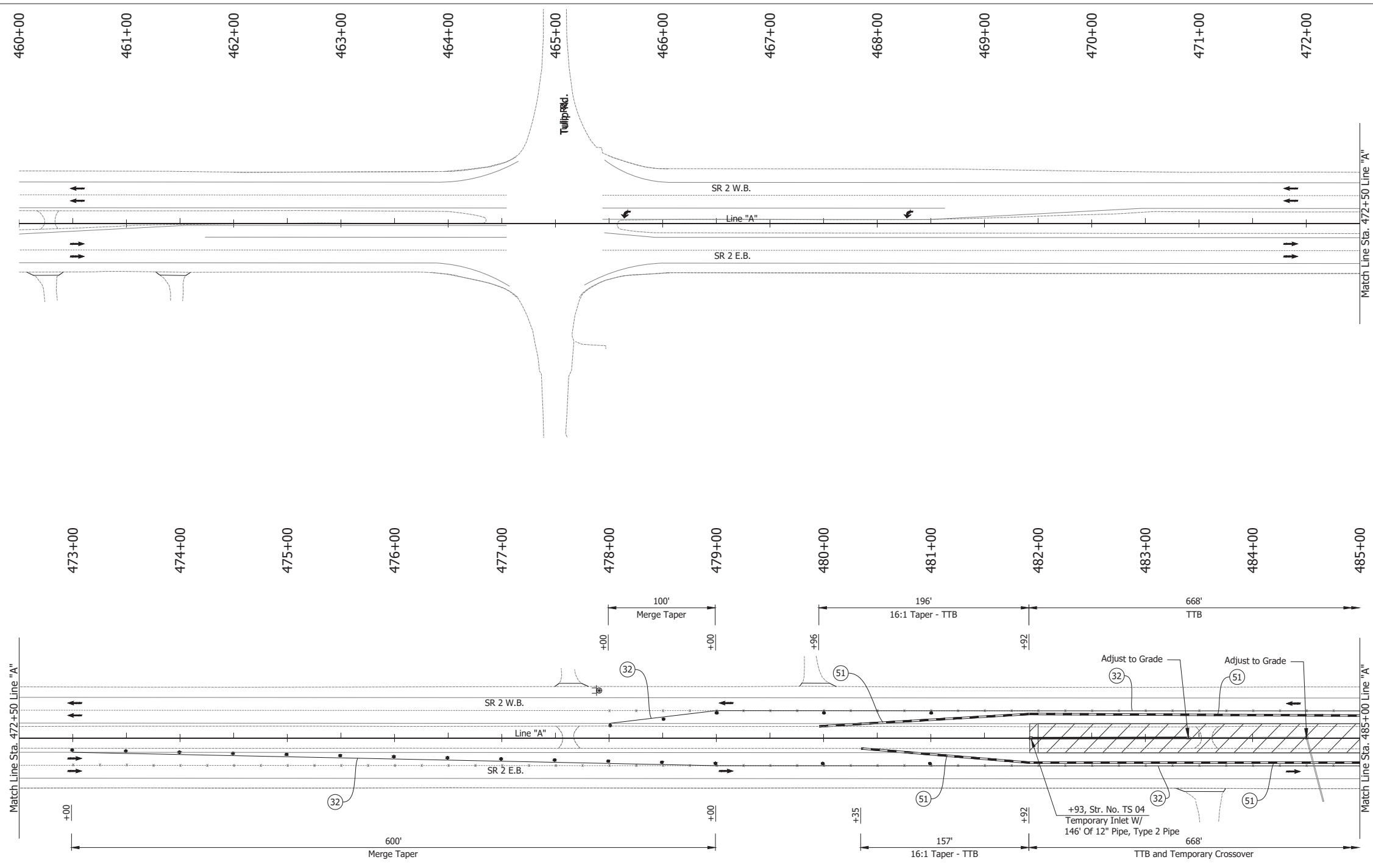
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
PRE-PHASE 2

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 28 of 321
CONTRACT R-42444	PROJECT 1900177

Date: Jun 23, 2023, 1:06pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan\_Pre-Phase 2 (8)



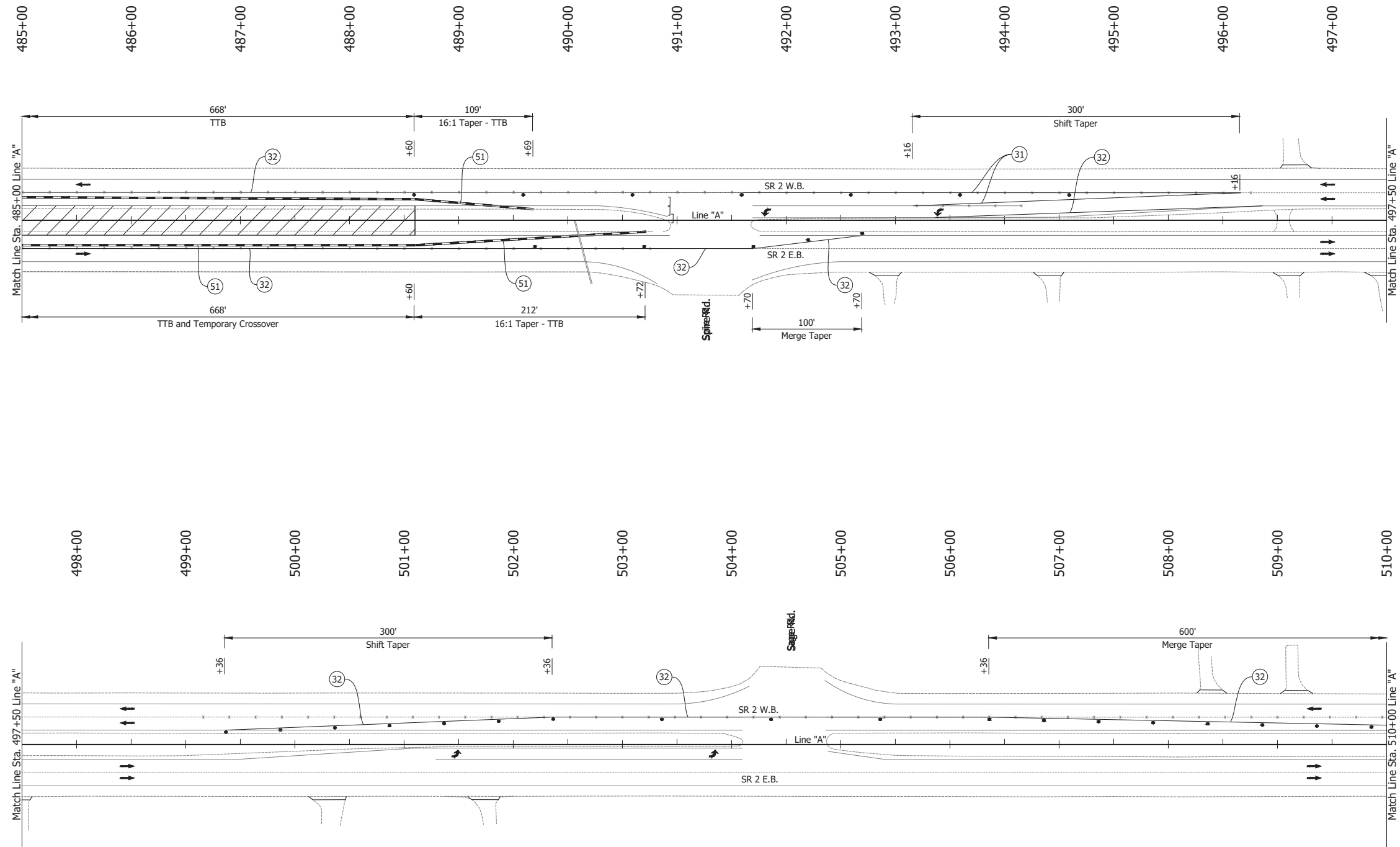
**LEGEND:**

- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (51) Temporary Traffic Barrier, Type 2
- Barrels
- Traffic Flow
- ⊕ Construction Sign
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
	MAINTENANCE OF TRAFFIC PRE-PHASE 2		VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC			SHEET 29 of 321	
CONTRACT R-42444			PROJECT 1900177	
DESIGNED: JAG	DRAWN: BJS			
CHECKED: WBF	CHECKED: WBF			



**LEGEND:**

- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (51) Temporary Traffic Barrier, Type 2
- Barrels
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B

**NOTES:**

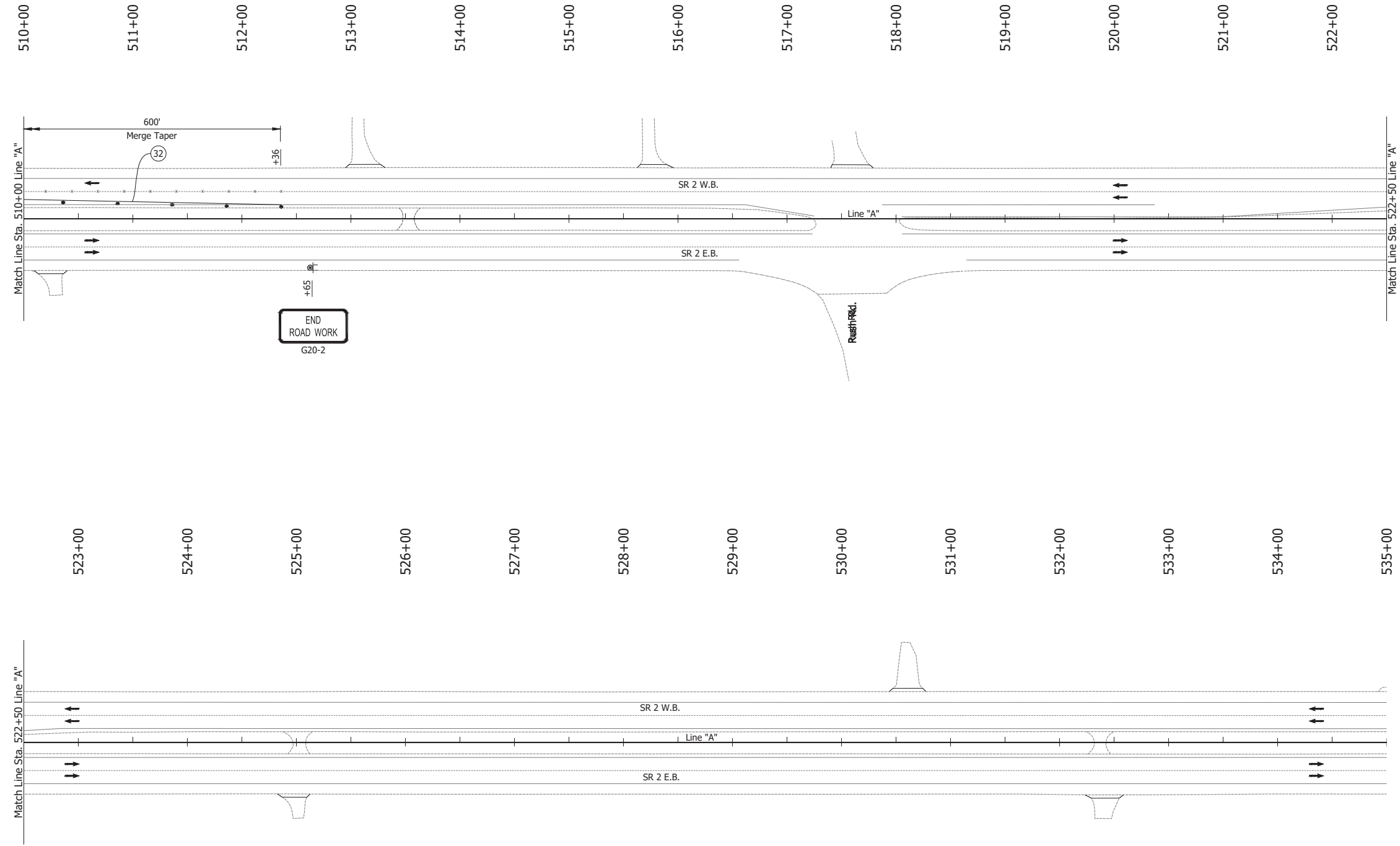
1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:07pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan-Pre-Phase 2 (9)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE N/A	BRIDGE FILE N/A DESIGNATION 1900177
DESIGNED: JAG      DRAWN: BJS CHECKED: WBF      CHECKED: WBF	<b>MAINTENANCE OF TRAFFIC PRE-PHASE 2</b>	SURVEY BOOK ELECTRONIC CONTRACT R-42444	SHEET 30 of 321 PROJECT 1900177



Date: Jun 23, 2023, 1:07pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan\_Pre-Phase 2 (10).dgn - (MOT Pre-Phase 2 (10))



**LEGEND:**

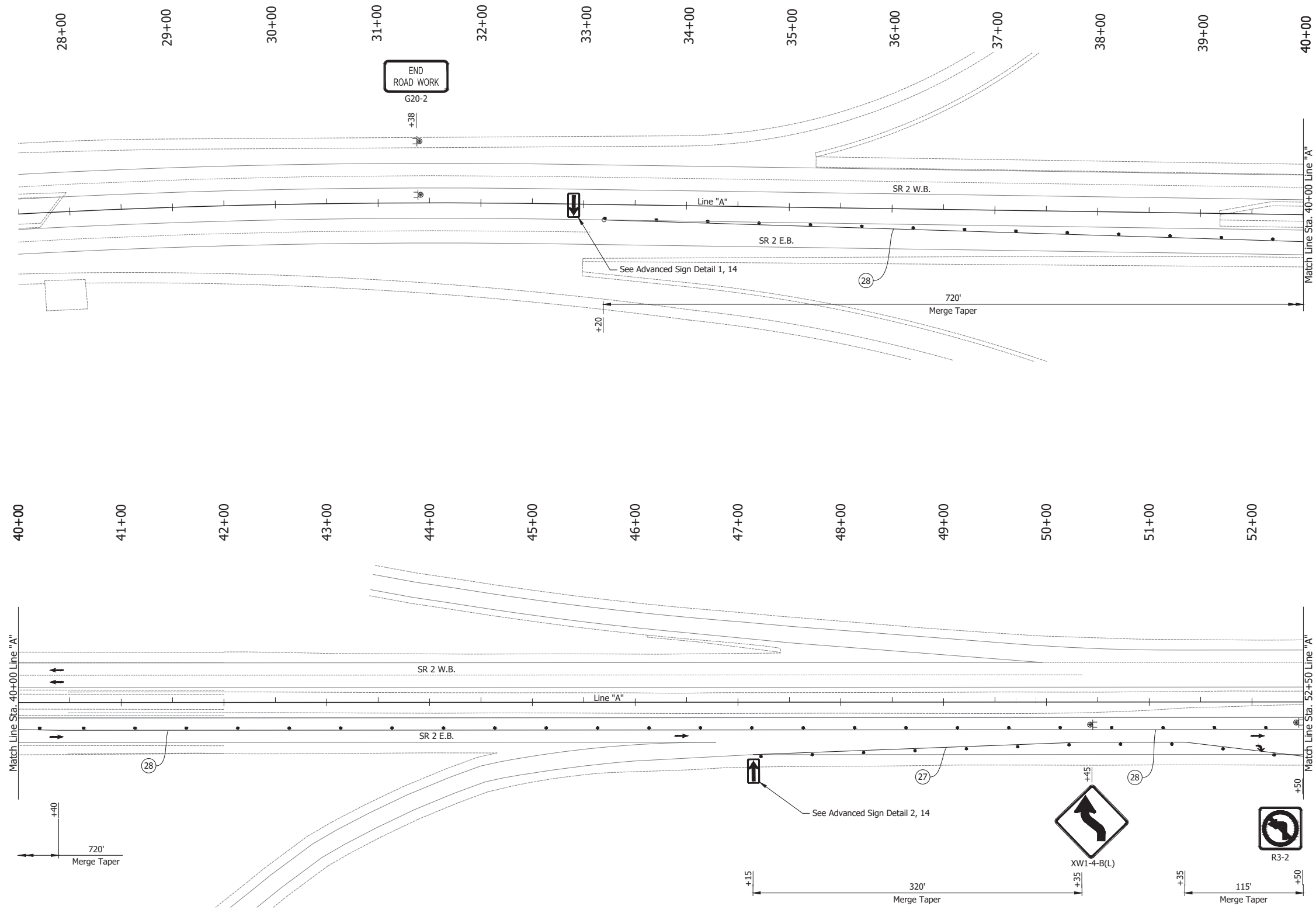
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- ... Barrels
- Traffic Flow
- Construction Sign
- Line, Remove

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JAG	DRAWN: BJS			1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF	MAINTENANCE OF TRAFFIC PRE-PHASE 2		VERTICAL SCALE	DESIGNATION	
				N/A	1900177	
				SURVEY BOOK	SHEET	
				ELECTRONIC	31 of 321	
				CONTRACT	PROJECT	
				R-42444	1900177	

Date: Jun 23, 2023, 1:07pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Plan PH1a.dwg (MOT Phase 1a 01)



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (34) Temporary Transverse Pavement Marking, Removable, 24 in.
- Barrels
- Traffic Flow
- ⊕ Construction Sign
- Line, Remove

**NOTES:**

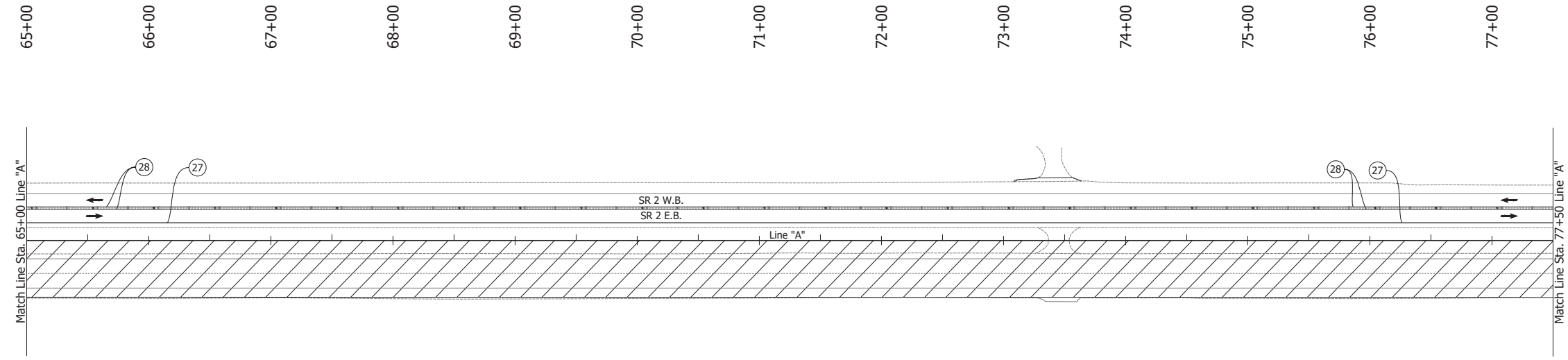
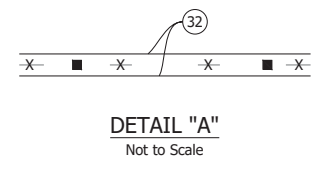
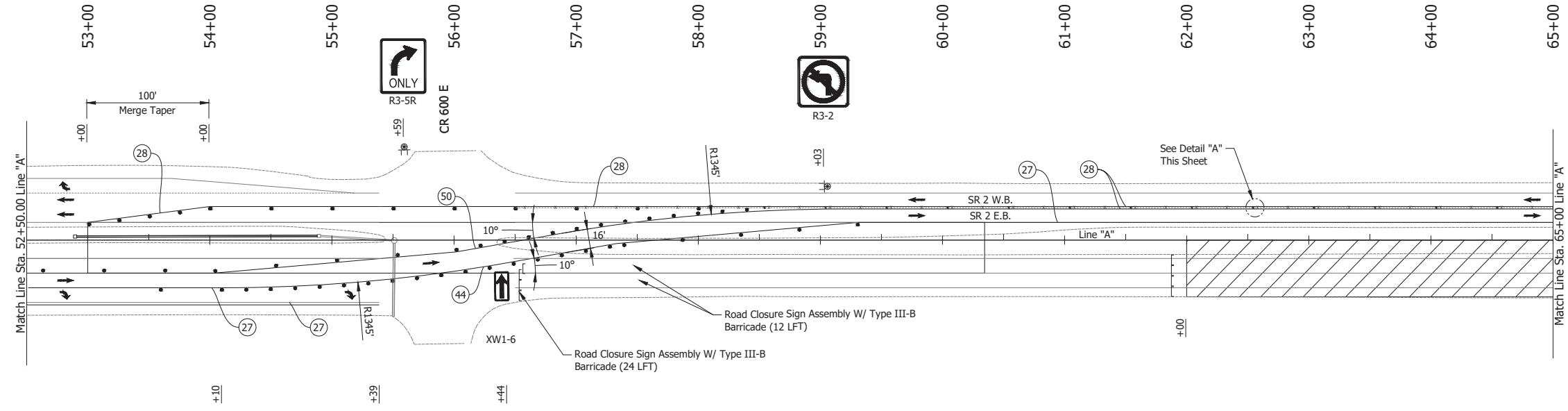
1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	32 of 321
CONTRACT	PROJECT
R-42444	1900177

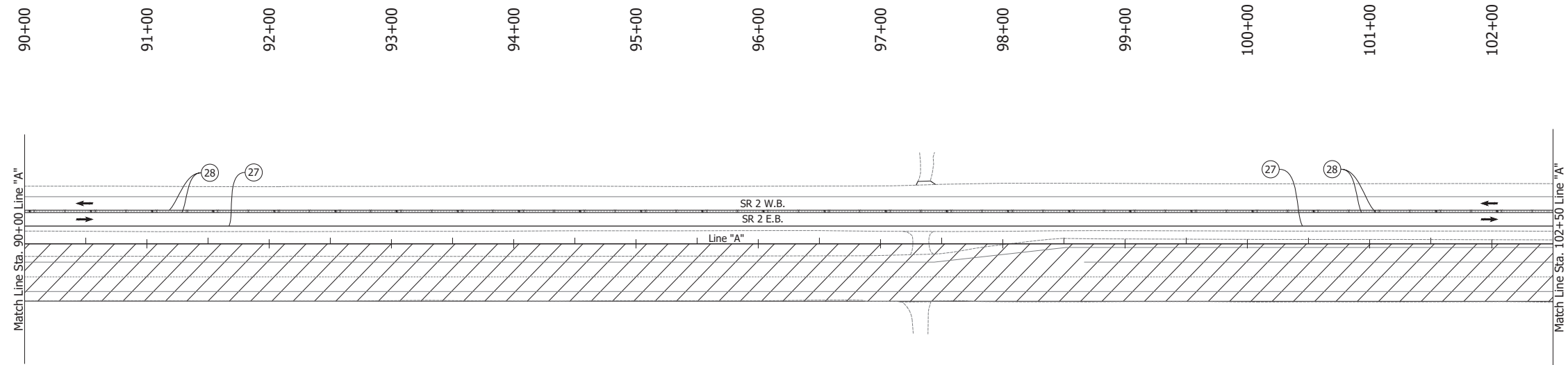
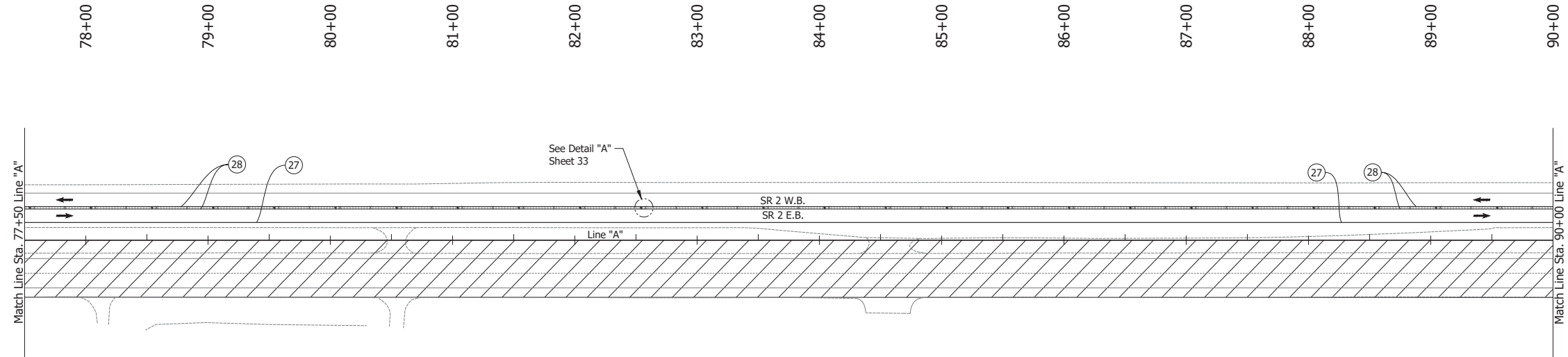


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - (44) Temporary Pavement Marking, Solid, White, 8 in.
  - (50) Temporary Pavement Marking, Solid, Yellow, 8 in.
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:07pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SHL\_RD\_MOT Plans PH1a.dwg (MOT Phase 1a (02))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 1A		1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF			N/A	1900177
				SURVEY BOOK	SHEET
		ELECTRONIC	33 of 321		
		CONTRACT	PROJECT		
		R-42444	1900177		



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- ↔ Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

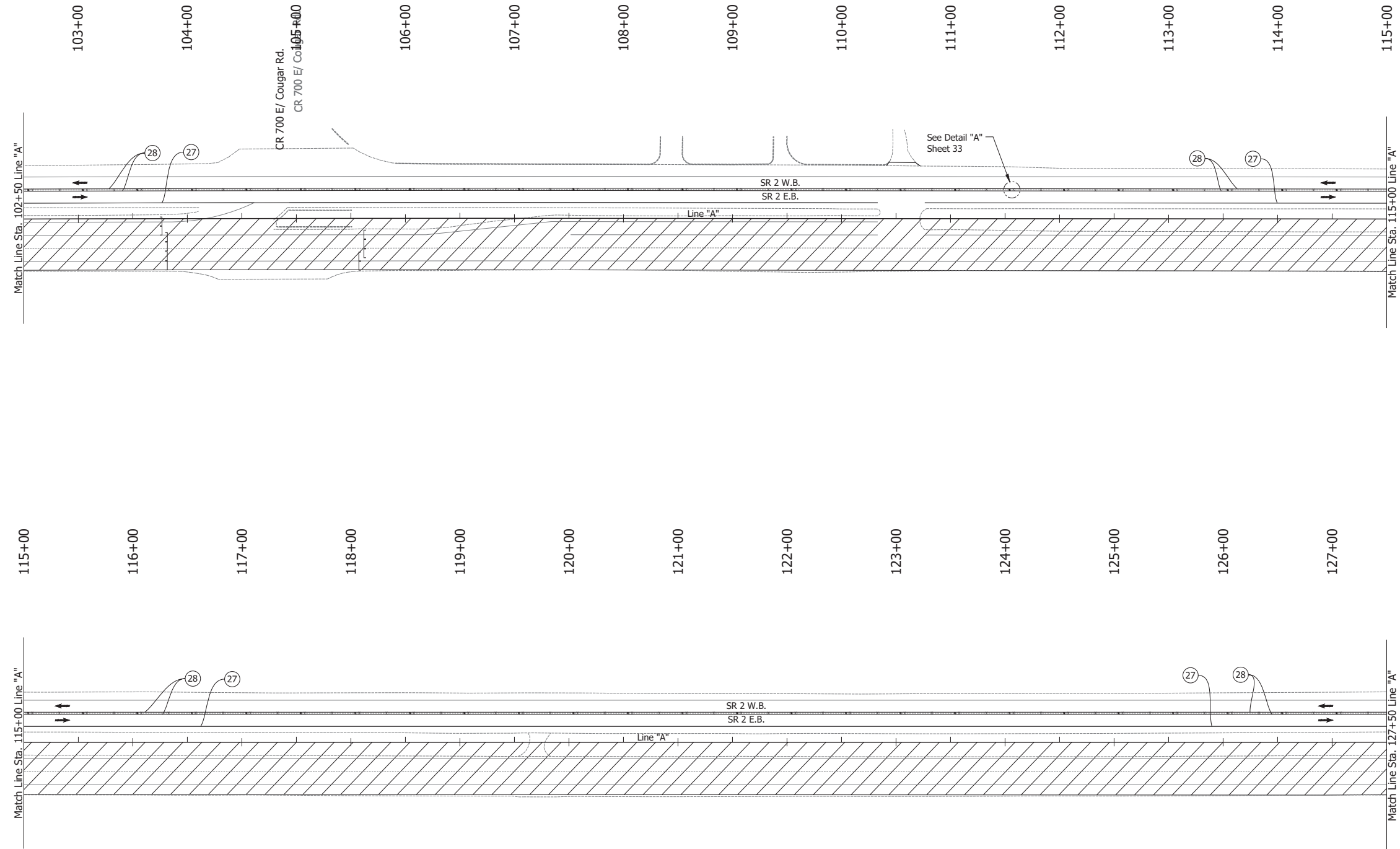
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\Plans\PH1a.dwg (NOT Phase 1a (03))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	34 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_L\_RL\_MOT\_Plan PH1a.dwg (MOT Phase 1a (04))

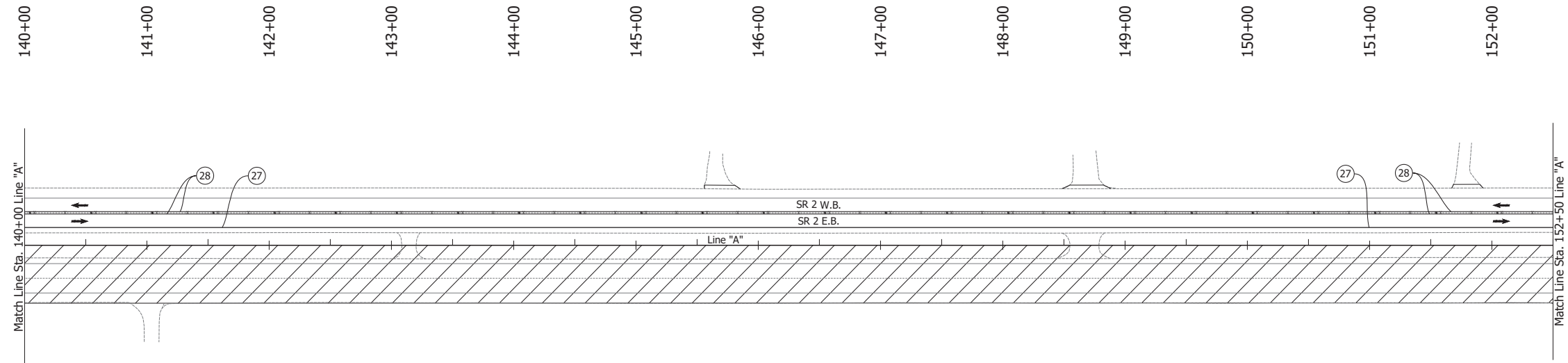
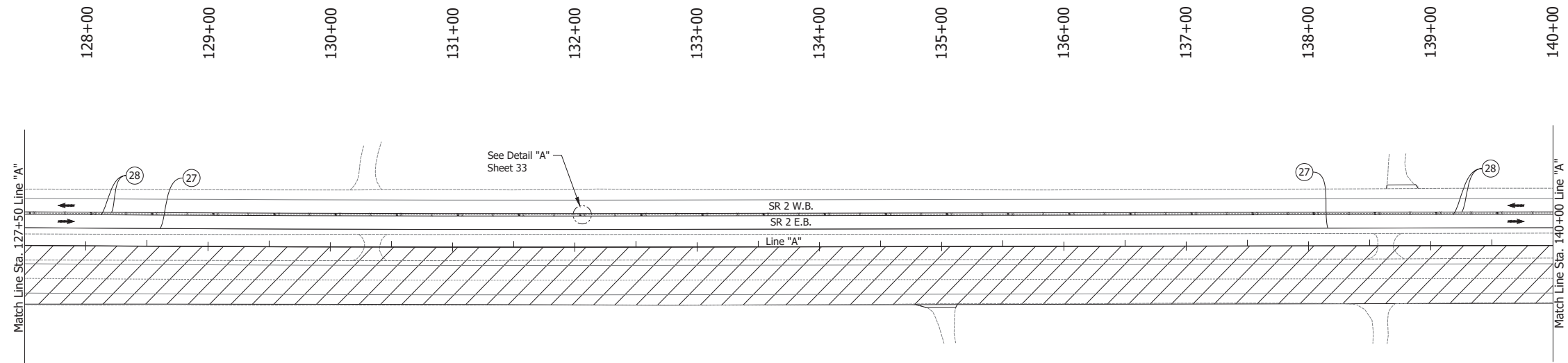


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	35 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR 2\SR 2 MOT Plans PH1a.dwg - (MOT Phase 1a (05))



**LEGEND:**

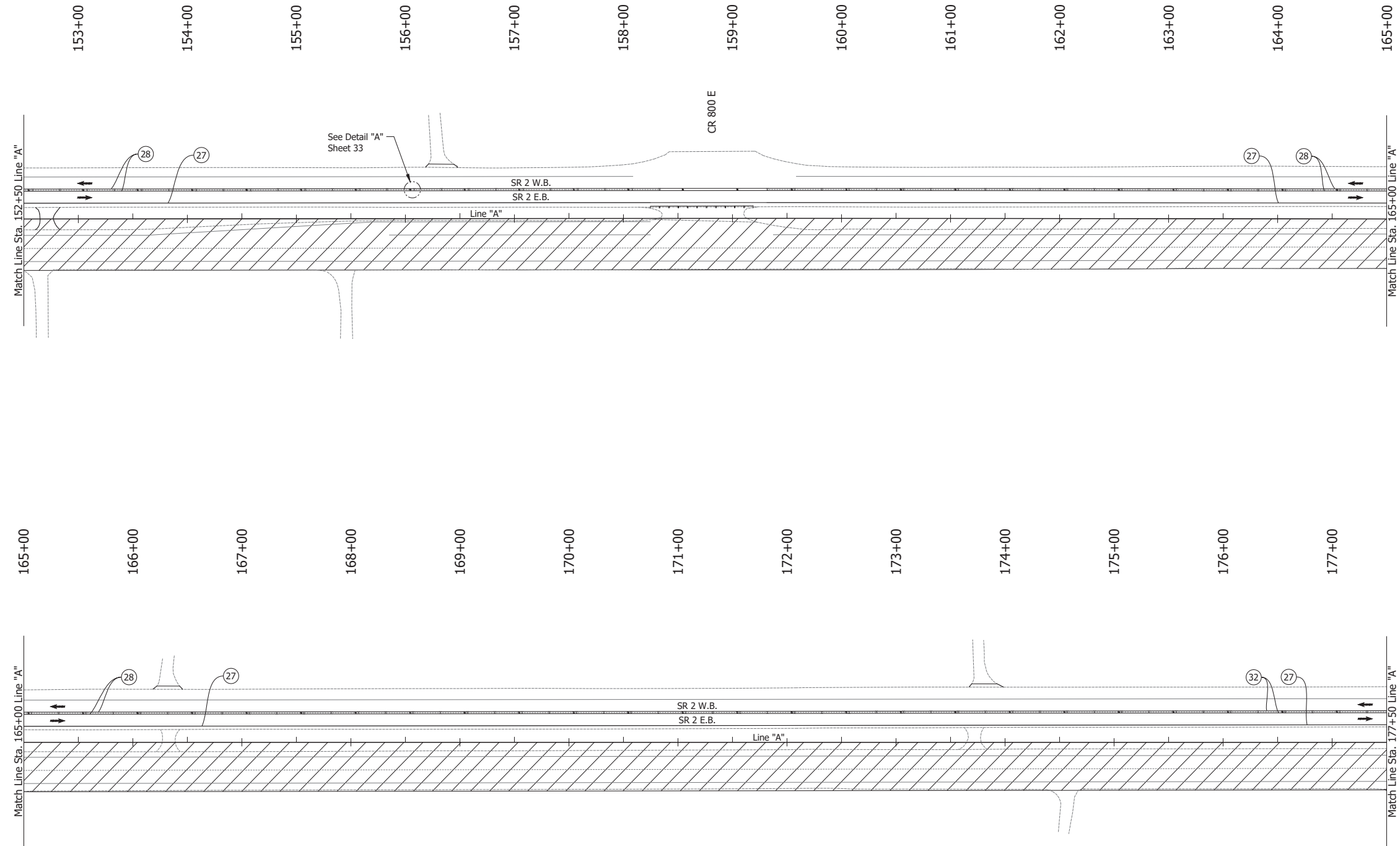
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- ↔ Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	36 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SHL\_RD\_MOT\_Plans\PH1a.dwg (MOT Phase 1a (06))



**LEGEND:**

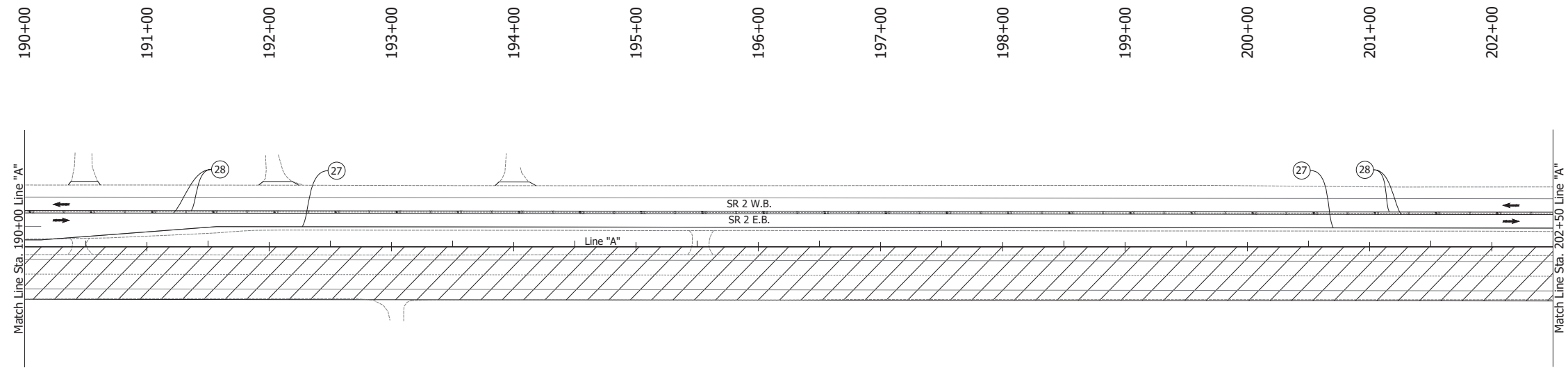
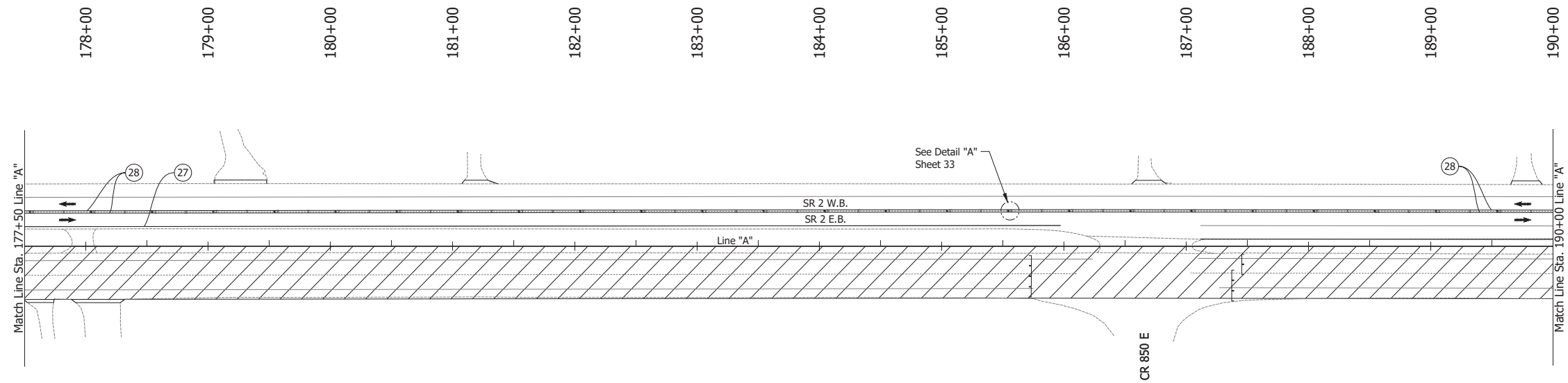
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	37 of 321
			CONTRACT	PROJECT
			R-42444	1900177





**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- ↔ Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

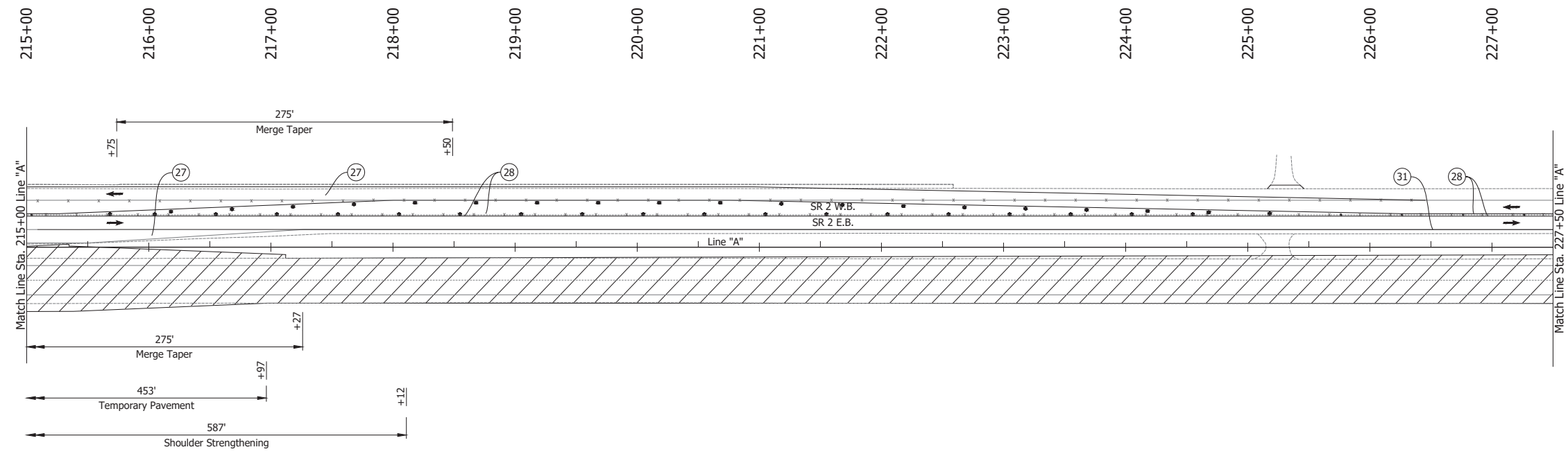
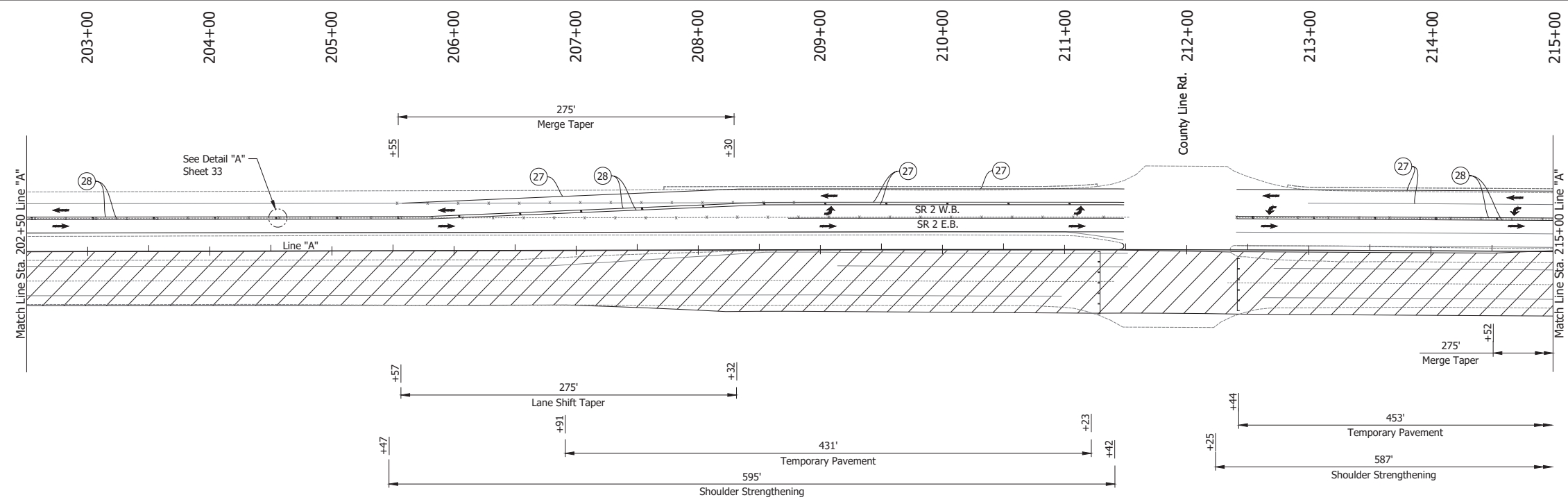
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\Plans\SR2\_MOT\_Phase 1a.dwg (MOT Phase 1a (07))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
					1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1A		VERTICAL SCALE	DESIGNATION	
CHECKED: WBF	CHECKED: WBF			N/A	1900177	
				SURVEY BOOK	SHEET	
				ELECTRONIC	38 of 321	
				CONTRACT	PROJECT	
				R-42444	1900177	

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Phase 1a (08).dwg

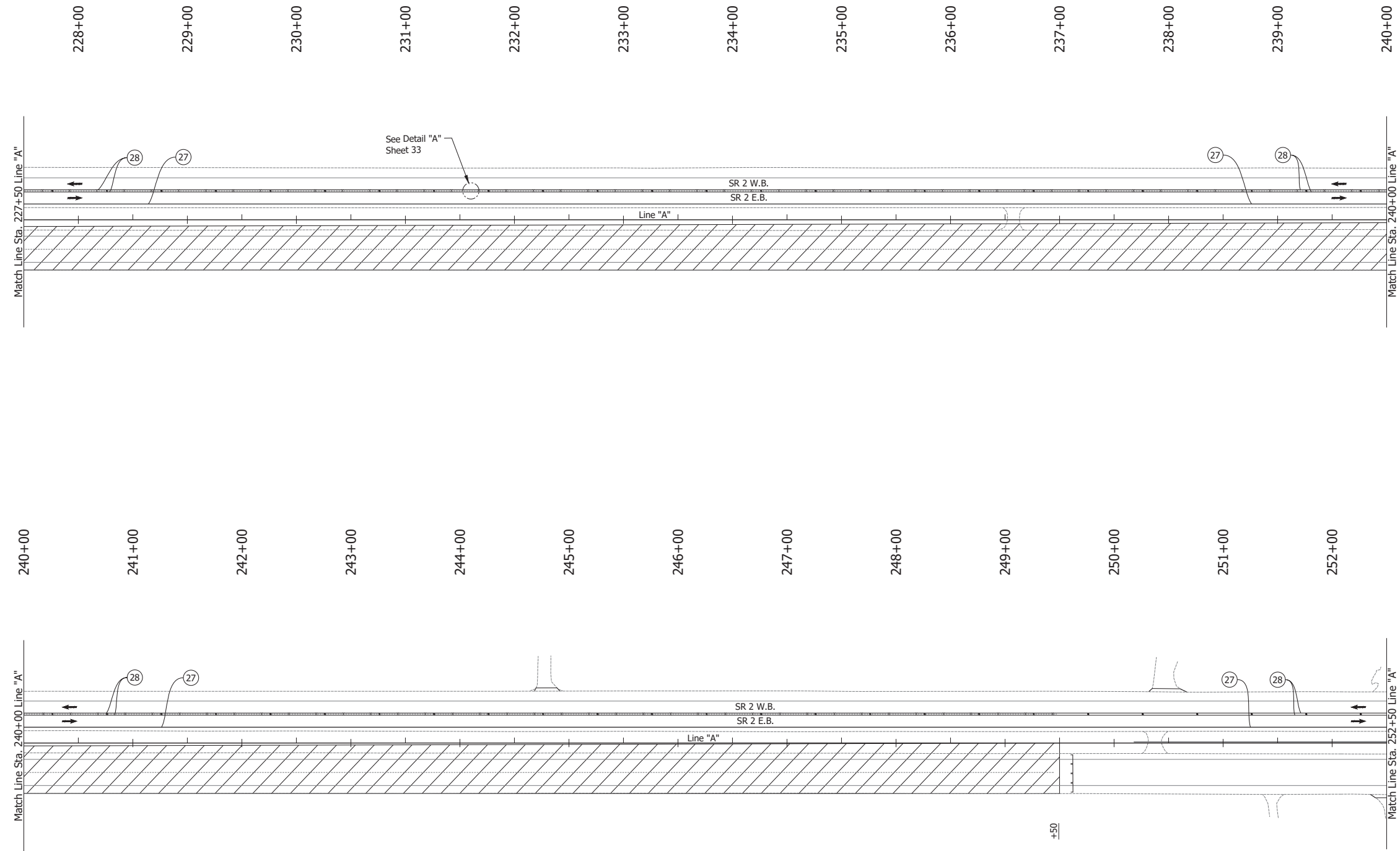


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 1A		1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF	CONTRACT R-42444		N/A	1900177
				SURVEY BOOK	SHEET
		PROJECT R-42444		ELECTRONIC	39 of 321

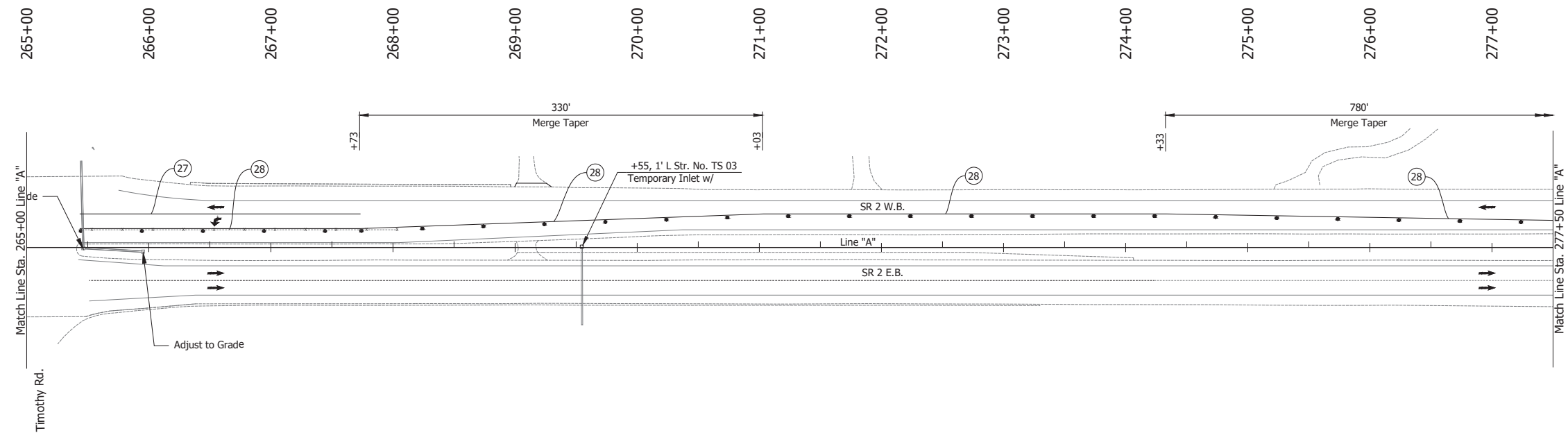
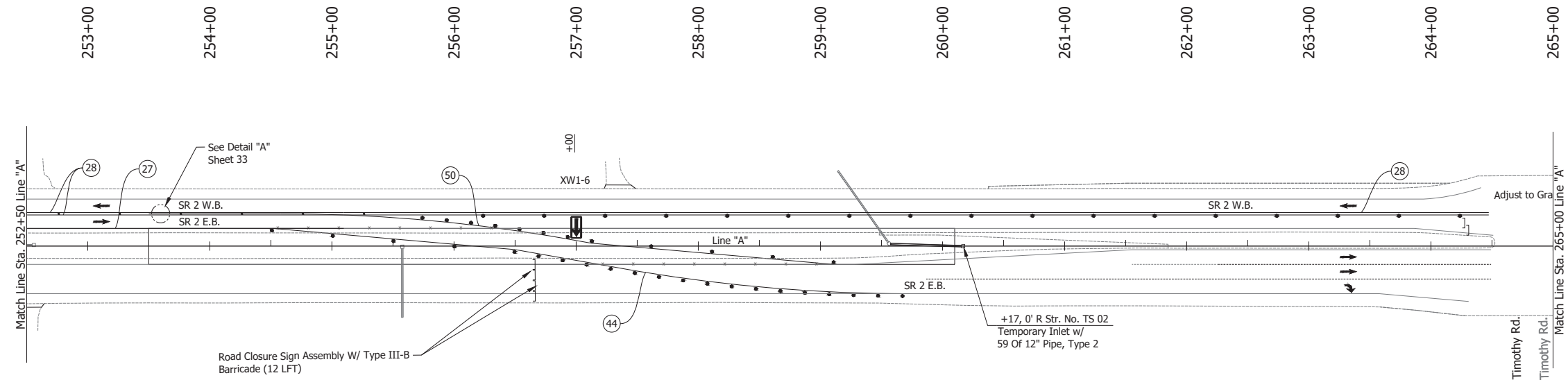
Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SHL\_RD\_MOT\_Plan PH1a.dwg (MOT Phase 1a (09))



- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 1A		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	40 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		

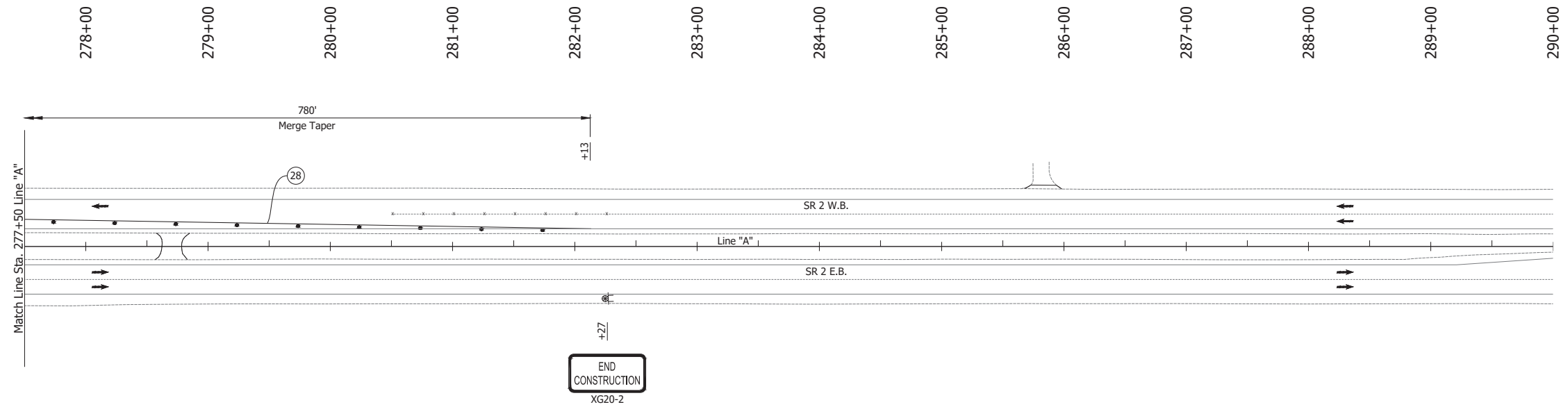


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - (44) Temporary Pavement Marking, Solid, White, 8 in.
  - (50) Temporary Pavement Marking, Solid, Yellow, 8 in.
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ] Barricade, Type III-B
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT Plans PH1a.dwg (MOT Phase 1a (10))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JAG	DRAWN: BJS		1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF		MAINTENANCE OF TRAFFIC PHASE 1A	VERTICAL SCALE	DESIGNATION
				N/A	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	41 of 321
				CONTRACT	PROJECT
				R-42444	1900177



**LEGEND:**

- 28 Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- Traffic Flow
- Construction Sign
- Line, Remove

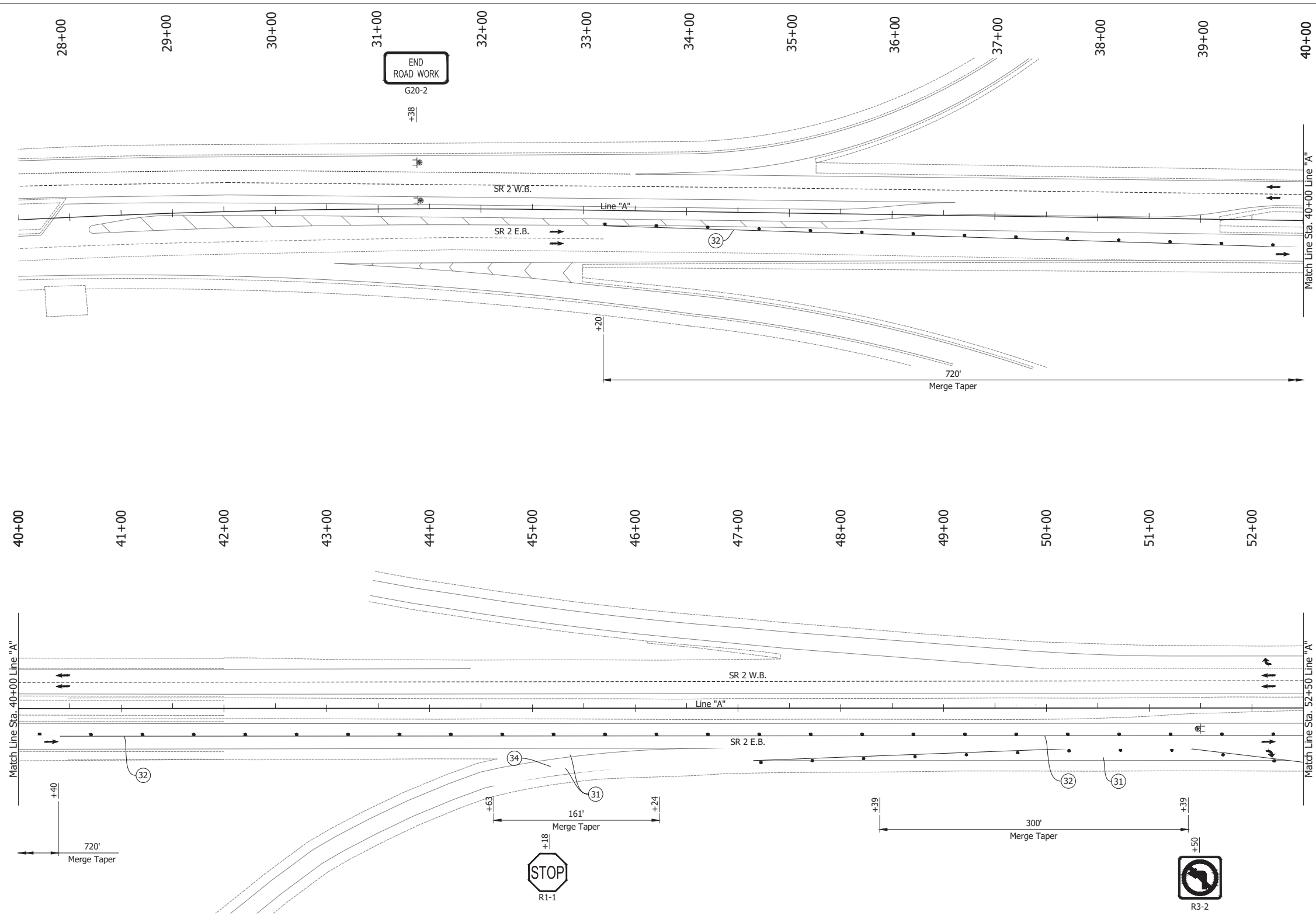
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:08pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PR-04\CAD\Plans\SR2\_MOT Plans PH1a.dwg (MOT Phase 1a (1))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE N/A	BRIDGE FILE N/A DESIGNATION 1900177
DESIGNED: JAG      DRAWN: BJS CHECKED: WBF      CHECKED: WBF	<b>MAINTENANCE OF TRAFFIC PHASE 1A</b>	SURVEY BOOK ELECTRONIC CONTRACT R-42444	SHEET 42 of 321 PROJECT 1900177

Date: Jun 23, 2023, 1:09pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT Plans PH1b.dwg - (MOT Phase 1b (01))



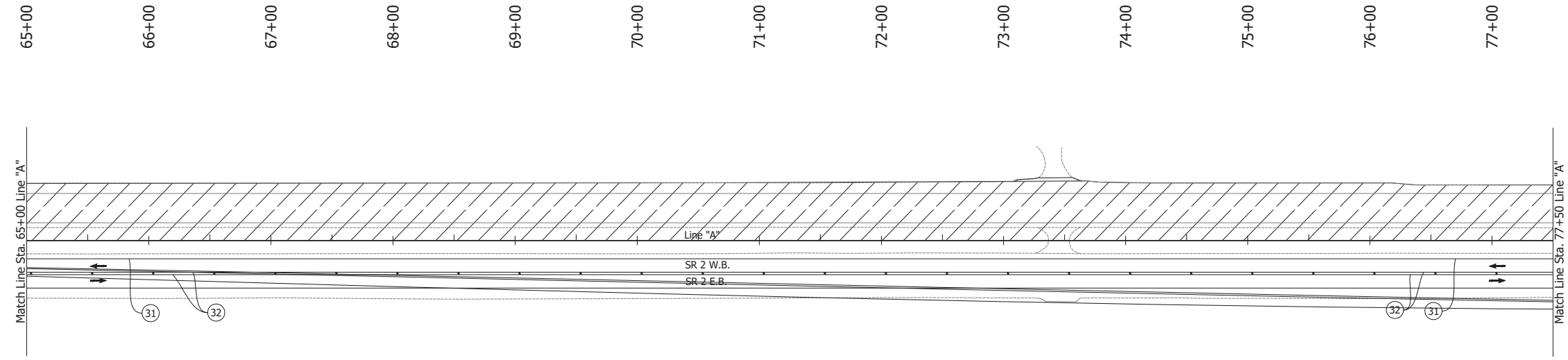
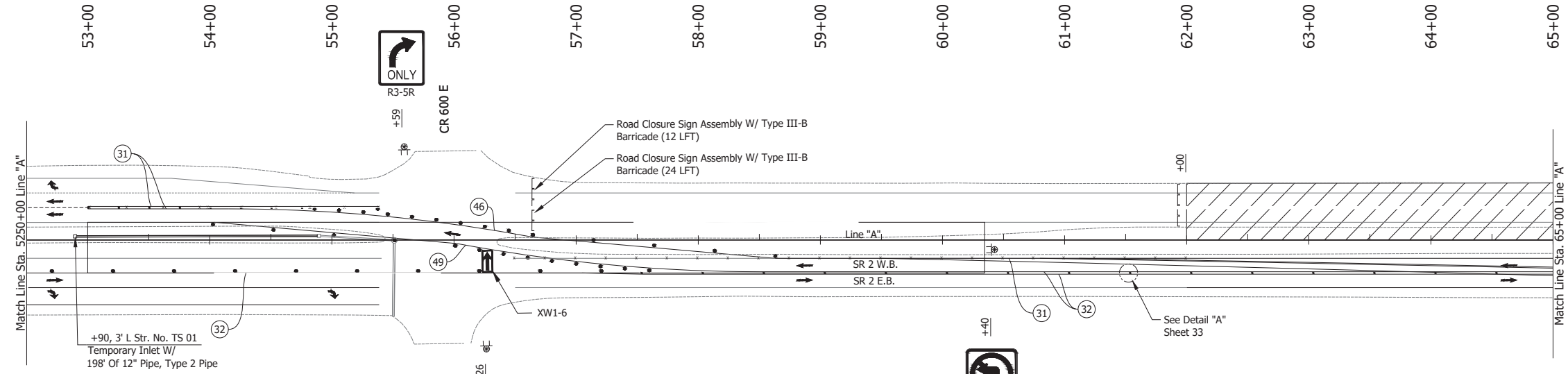
**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (34) Temporary Transverse Pavement Marking, Removable, 24 in.
- Barrels
- Traffic Flow
- ⊠ Construction Sign
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	43 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (46) Temporary Pavement Marking, Solid, White, 8 in., Removable
- (49) Temporary Pavement Marking, Solid, Yellow, 8 in., Removable
- Barrels
- Traffic Flow
- ⊕ Construction Sign
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:09pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_LB\_MOT Plans PH1b.dwg (MOT Phase 1b (02))

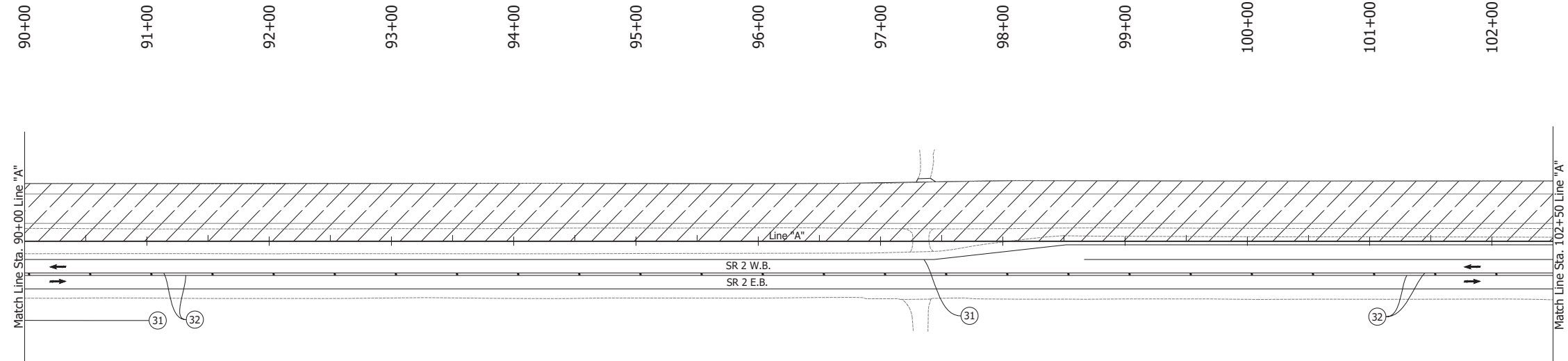
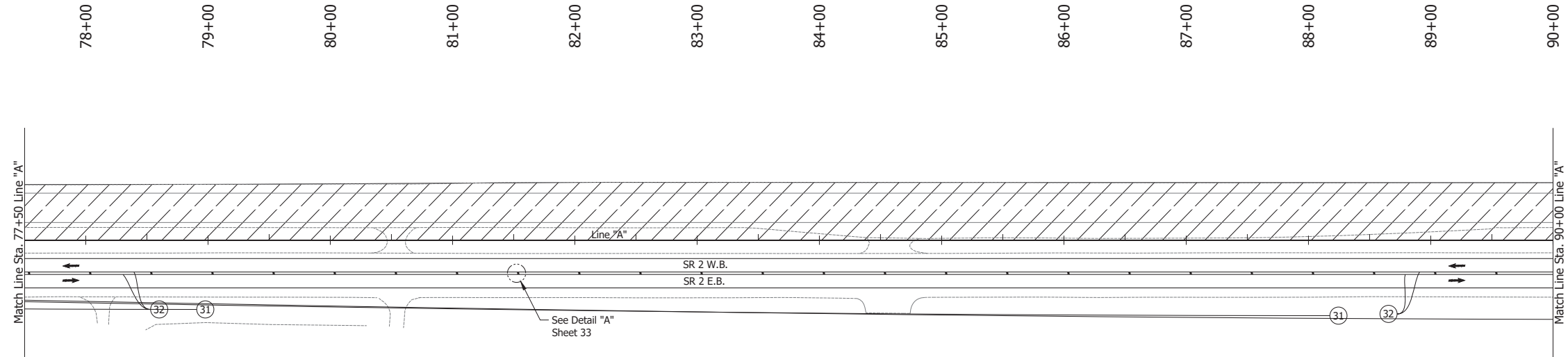
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 1B**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 44 of 321
CONTRACT R-42444	PROJECT 1900177





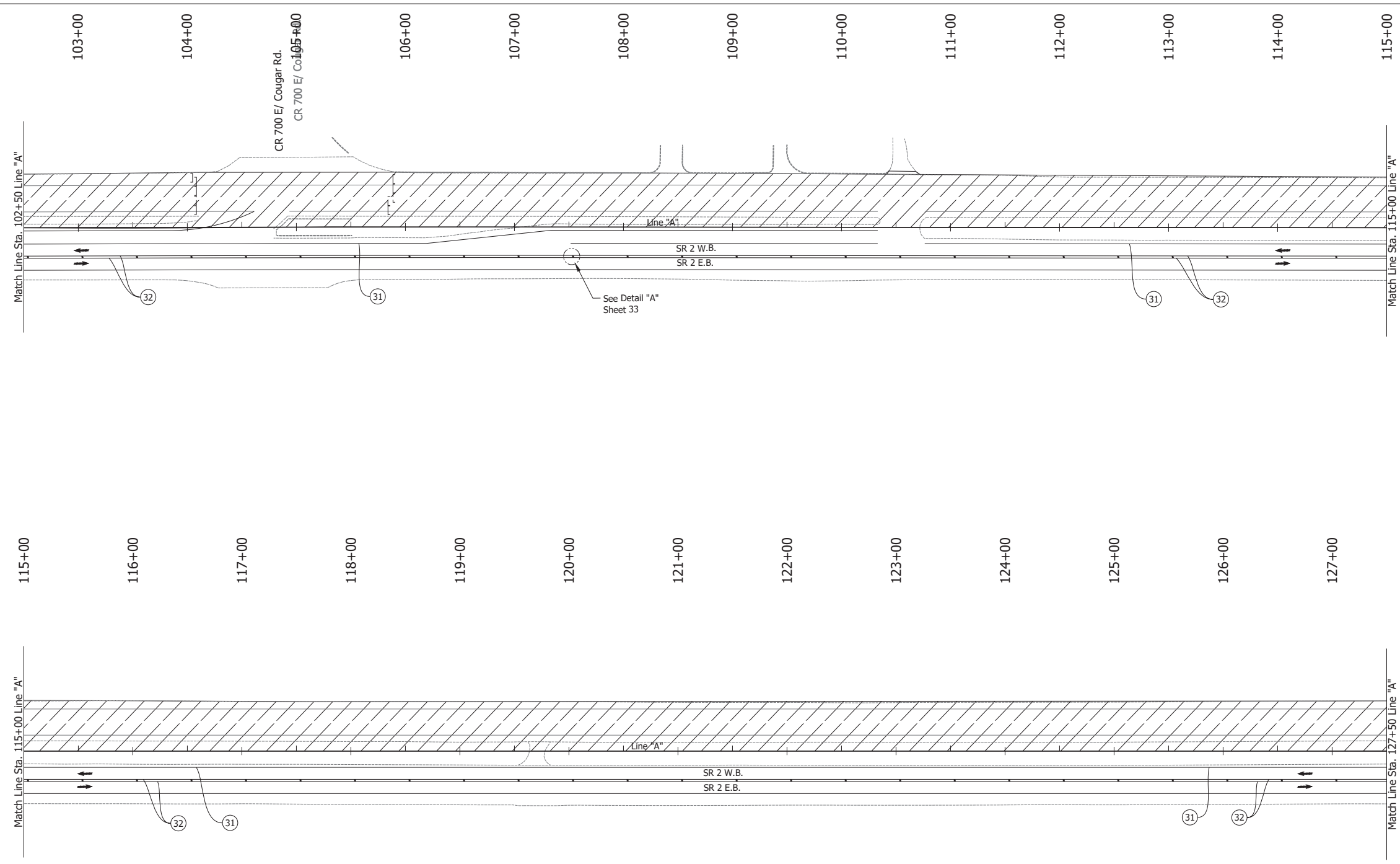
- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:09pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_RD\_MOT\_Plan\_PHL.dwg (MOT Phase 1b (03))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 1B		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	45 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		

Date: Jun 23, 2023, 1:09pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SHL\_RD\_MOT Plans PH1b.dwg - (MOT Phase 1b (9/1))

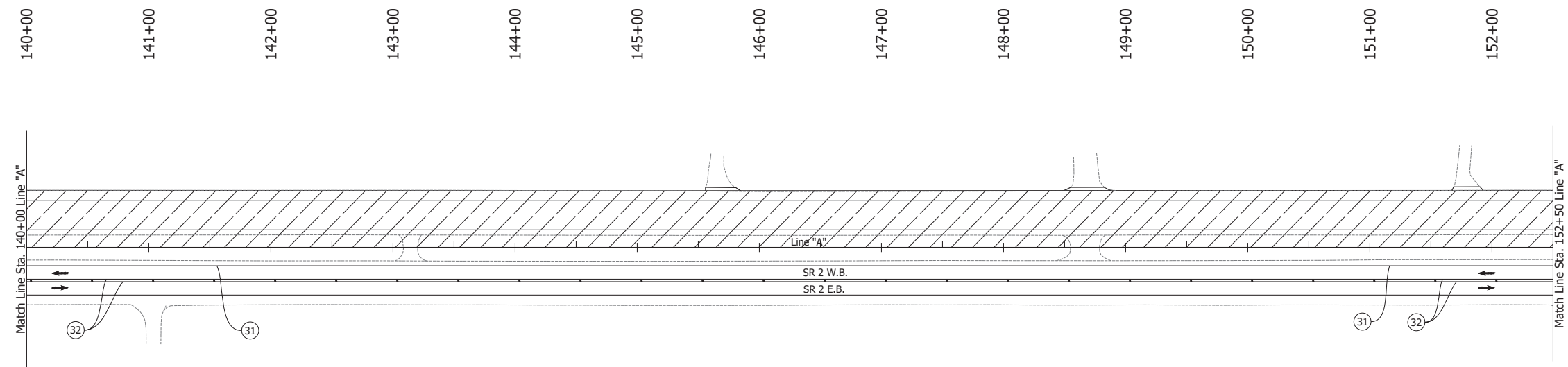
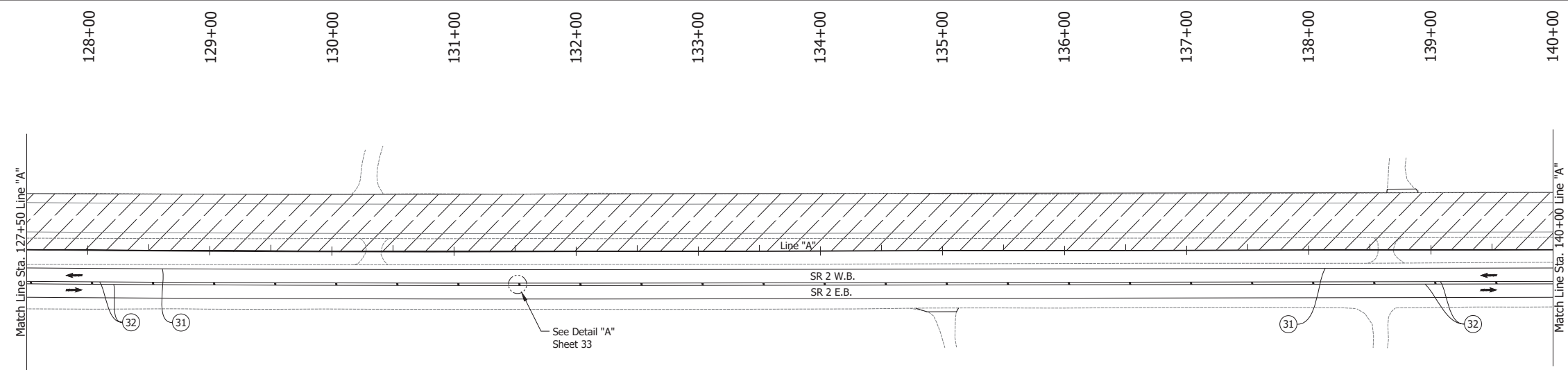


- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	46 of 321
			CONTRACT	PROJECT
			R-42444	1900177

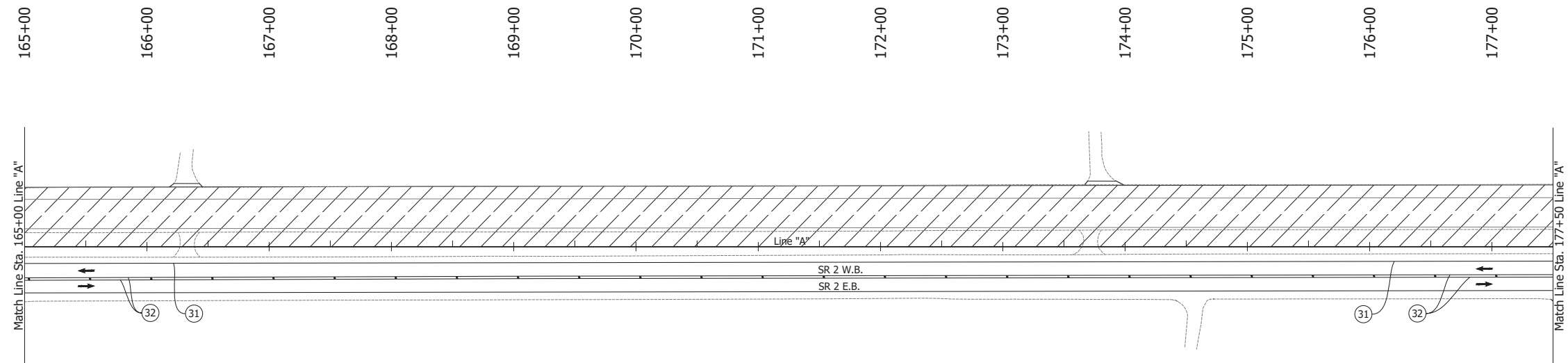
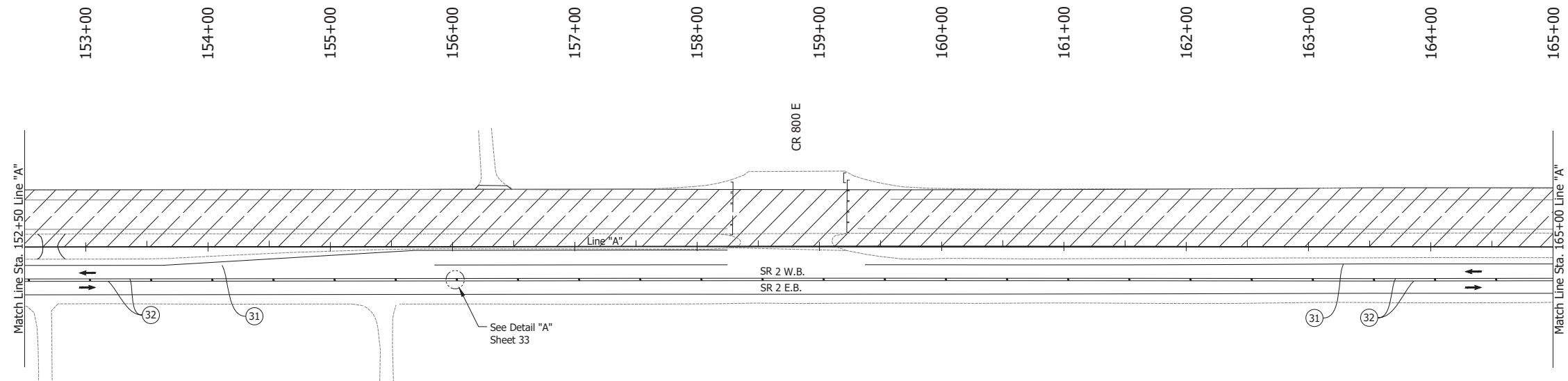
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 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan\_P11b.dwg - (MOT Phase 1b (05))



- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	47 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- ↔ Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

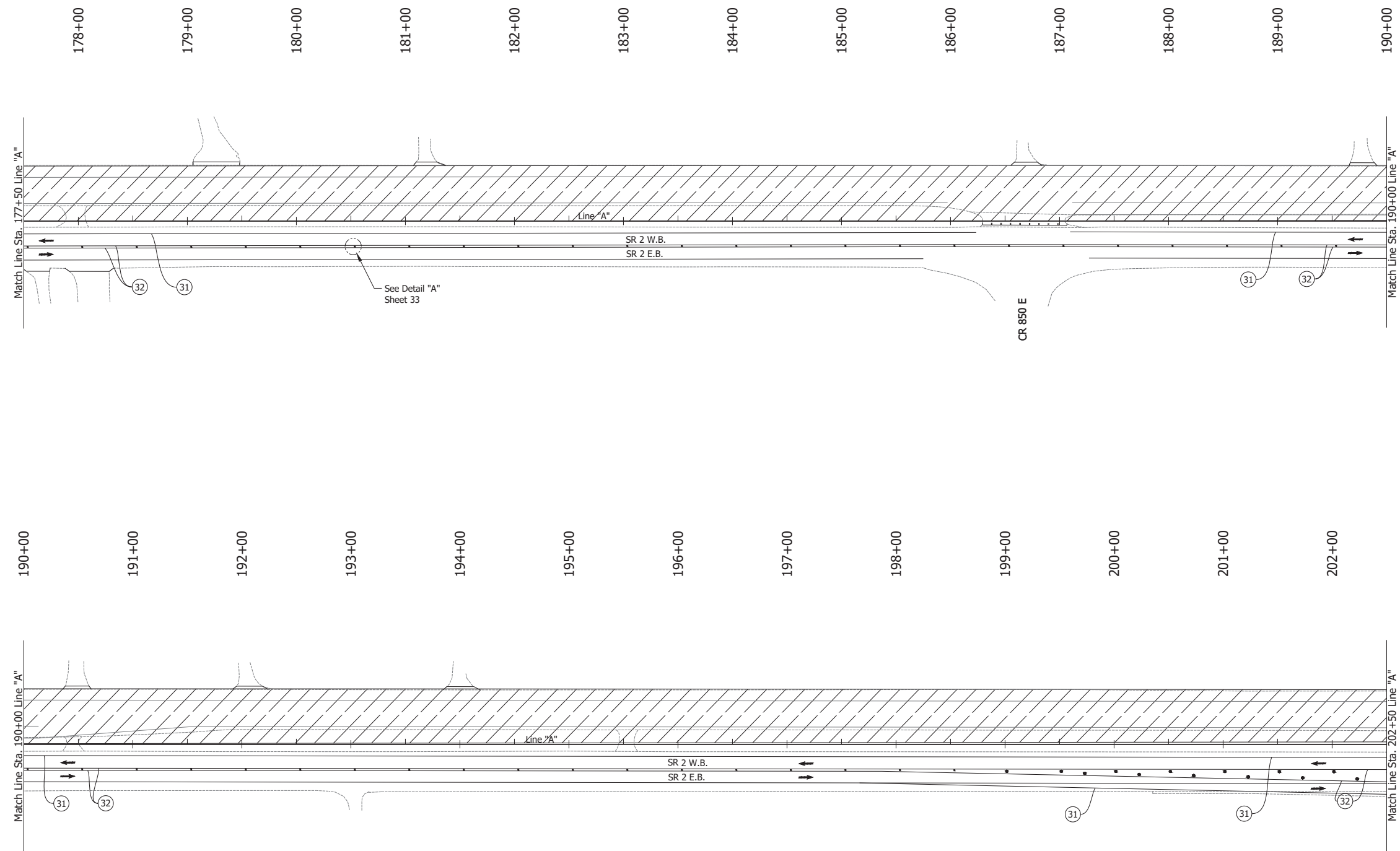
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:09pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR\RD\_MOT Plans PH1b.dwg - (MOT Phase 1b) (66)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JAG	DRAWN: BJS		1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF		MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
				N/A	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	48 of 321
				CONTRACT	PROJECT
				R-42444	1900177

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SHL\_RD\_MOT\_Plans\PH1b.dwg - (MOT Phase 1b (07))

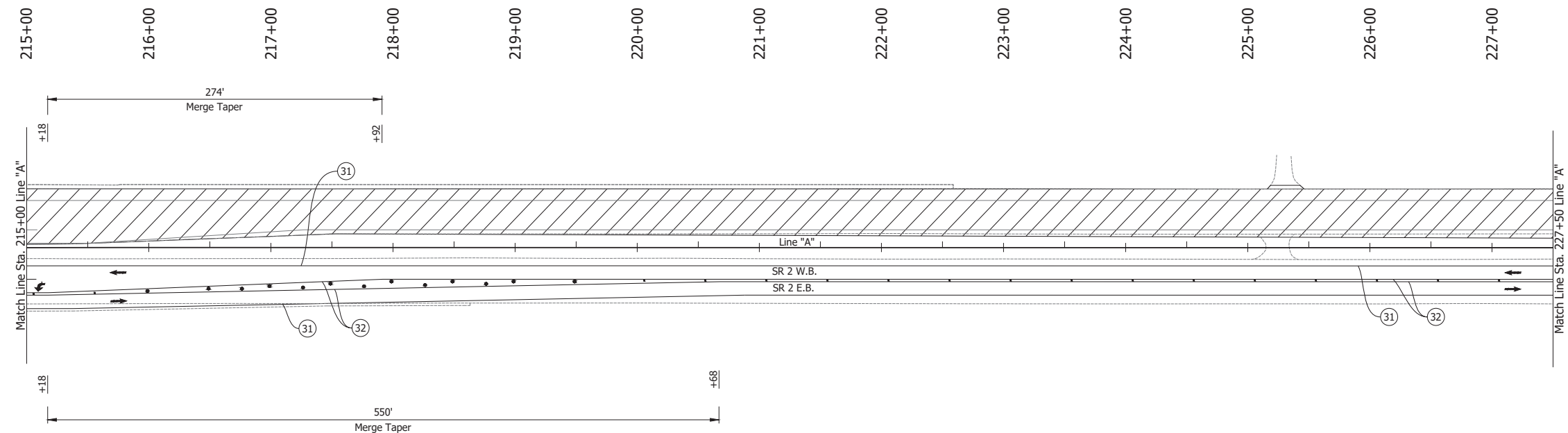
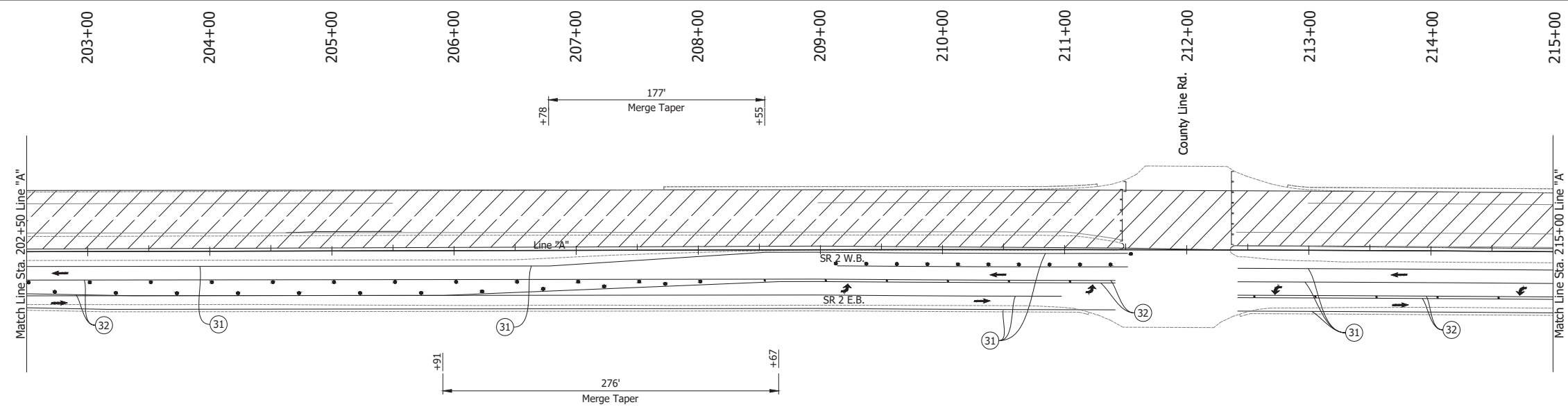


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	49 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\Plans\SHL\_RD\_MOT Plans PH1b.dwg - (MOT Phase 1b) (89)

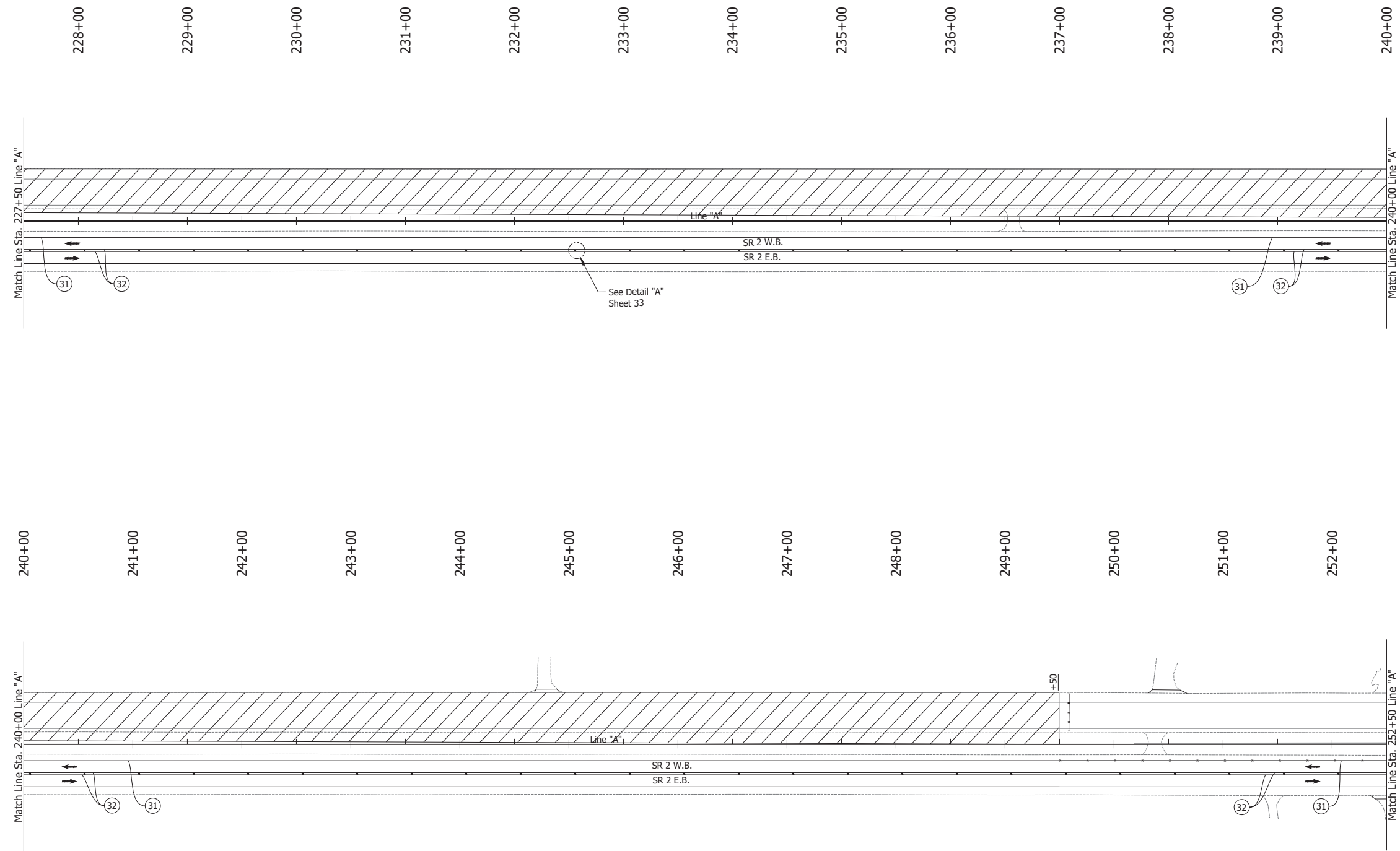


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 1B		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	50 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SHL\_RD\_MOT\_Plans\PH1b.dwg - (MOT Phase 1b (09))

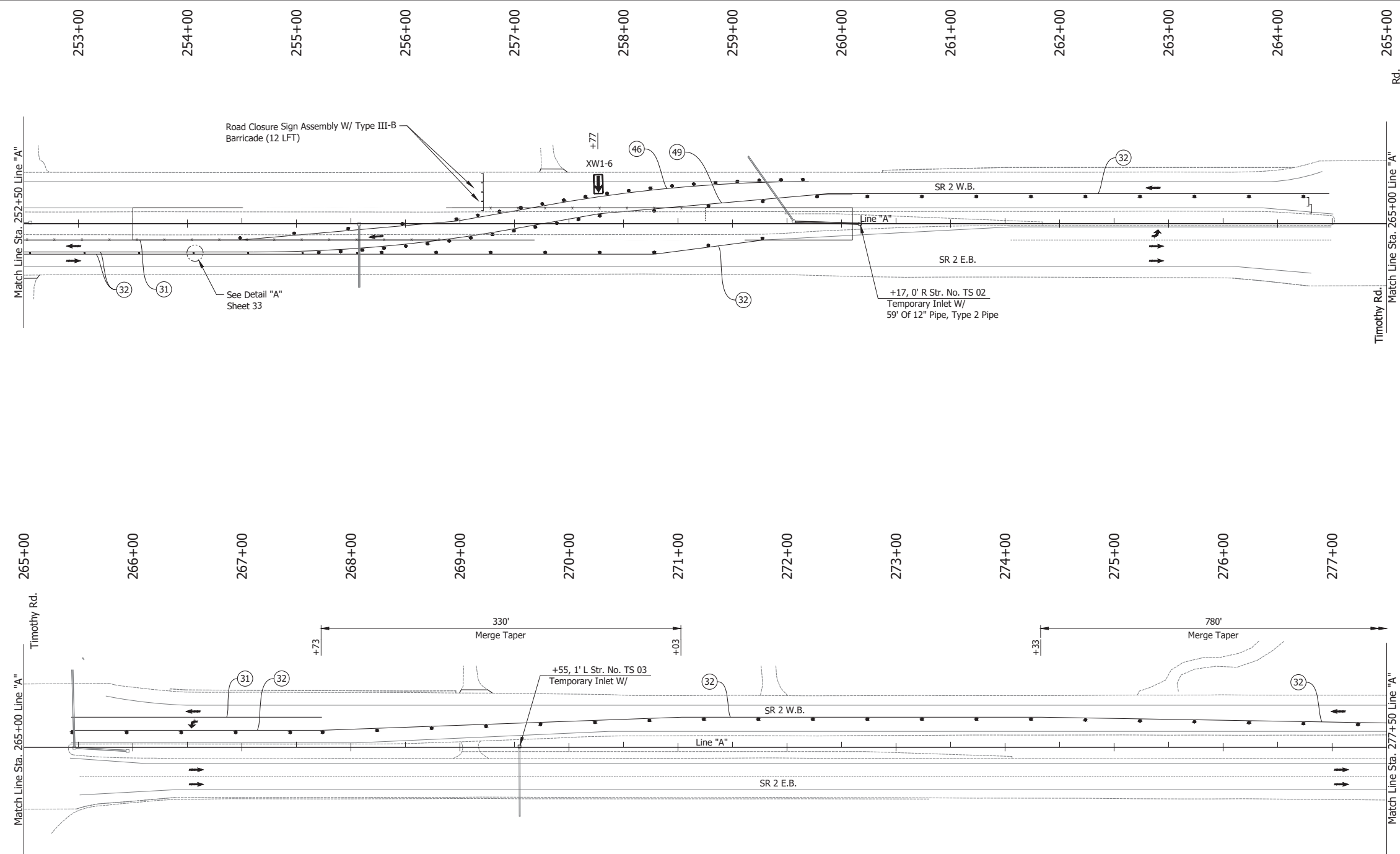


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	51 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_L\_Rd\_MOT Plans PH1b.dwg - (MOT Phase 1b (10))

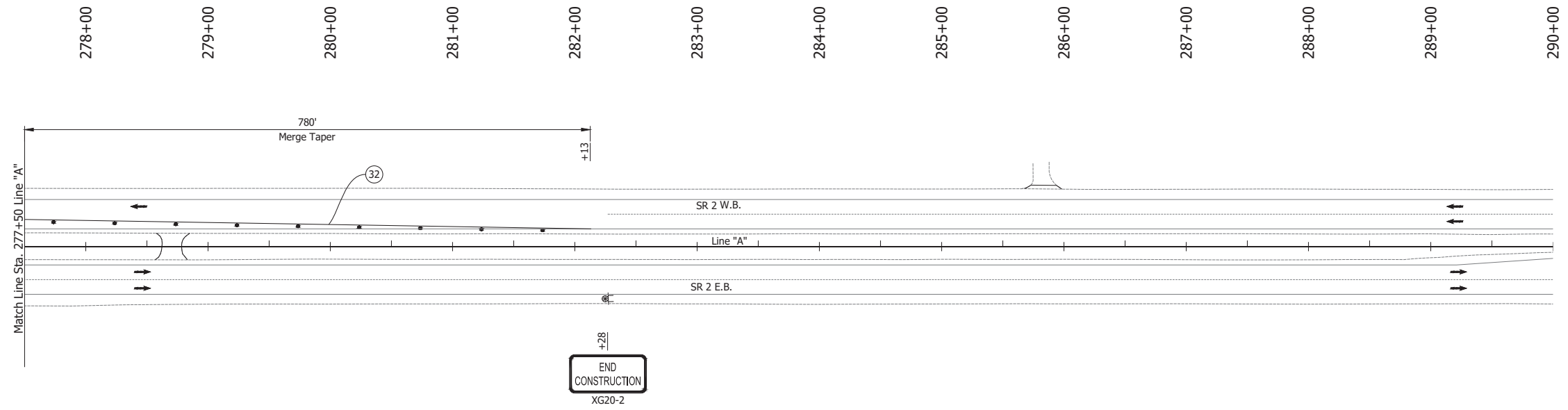


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (46) Temporary Pavement Marking, Solid, White, 8 in., Removable
  - (49) Temporary Pavement Marking, Solid, Yellow, 8 in., Removable
  - Barrels
  - Traffic Flow
  - ☒ Construction Sign
  - Line, Remove
  - ] Barricade, Type III-B
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JAG	DRAWN: BJS		1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF		MAINTENANCE OF TRAFFIC PHASE 1B	VERTICAL SCALE	DESIGNATION
				N/A	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	52 of 321
				CONTRACT	PROJECT
				R-42444	1900177



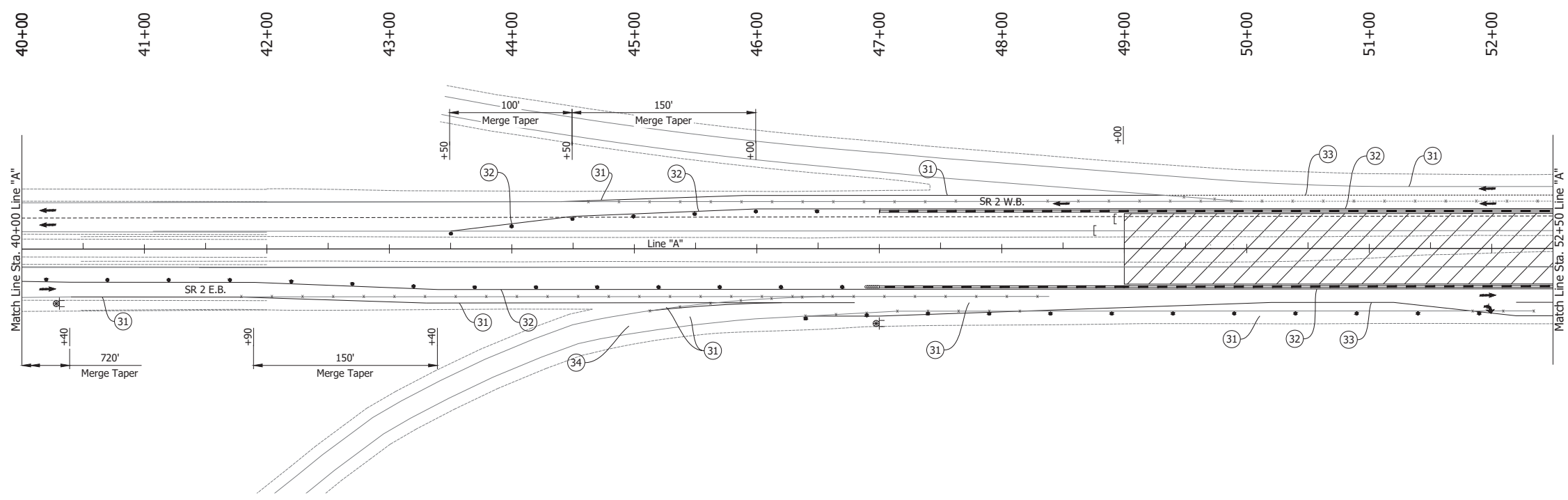
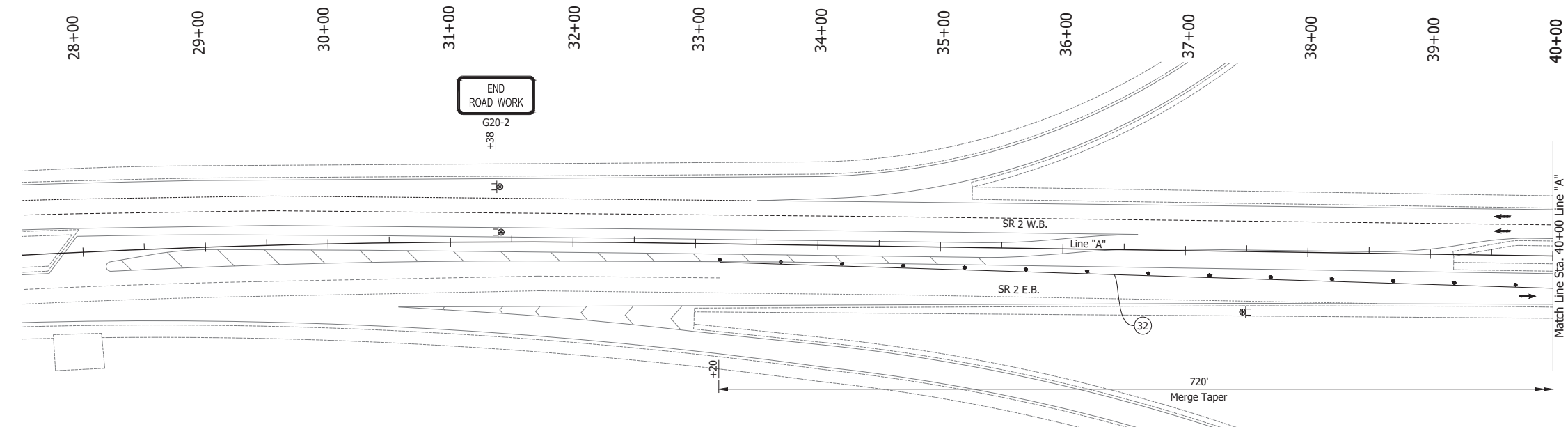


- LEGEND:**
- 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - Construction Sign

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\plans\SR2\_MOT Plans PH1b.dwg - (MOT Phase 1b (11))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE N/A	BRIDGE FILE N/A DESIGNATION 1900177
DESIGNED: JAG      DRAWN: BJS CHECKED: WBF      CHECKED: WBF	<b>MAINTENANCE OF TRAFFIC PHASE 1B</b>	SURVEY BOOK ELECTRONIC CONTRACT R-42444	SHEET 53 of 321 PROJECT 1900177



- LEGEND:**
- 31 Temporary Pavement Marking, Solid, White, 4 in., Removable
  - 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - 33 Temporary Pavement Marking, Broken, White, 4 in., Removable
  - 34 Temporary Transverse Pavement Marking, Removable, 24 in.
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

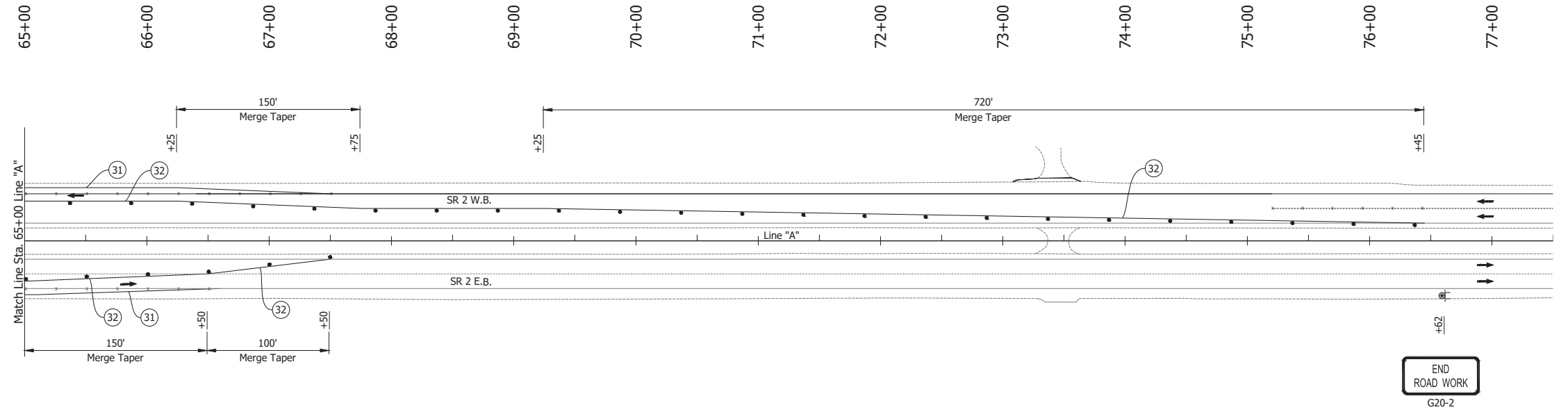
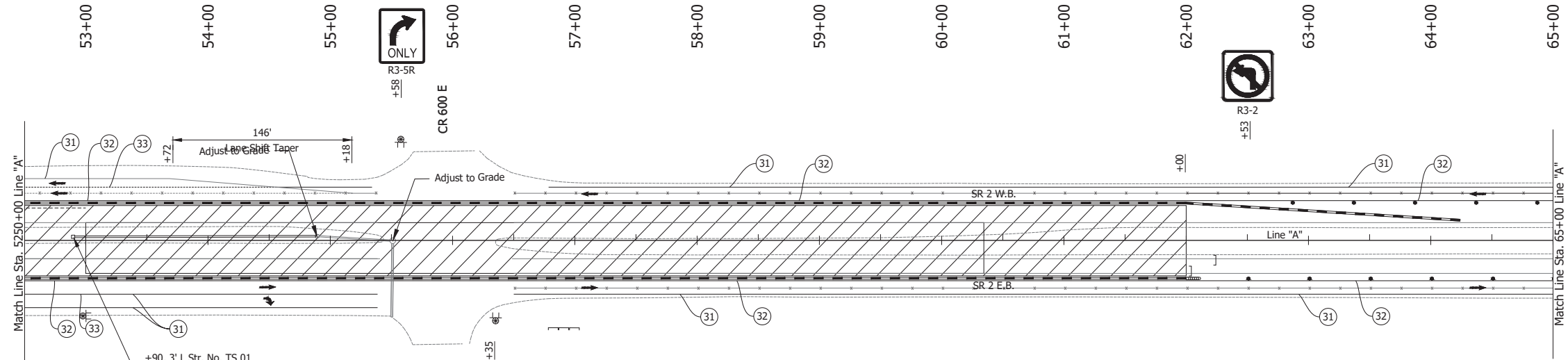
Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_RD\_MOT Plans PH1C.dwg (MOT Phase 1c (01))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 1C**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 54 of 321
CONTRACT R-42444	PROJECT 1900177

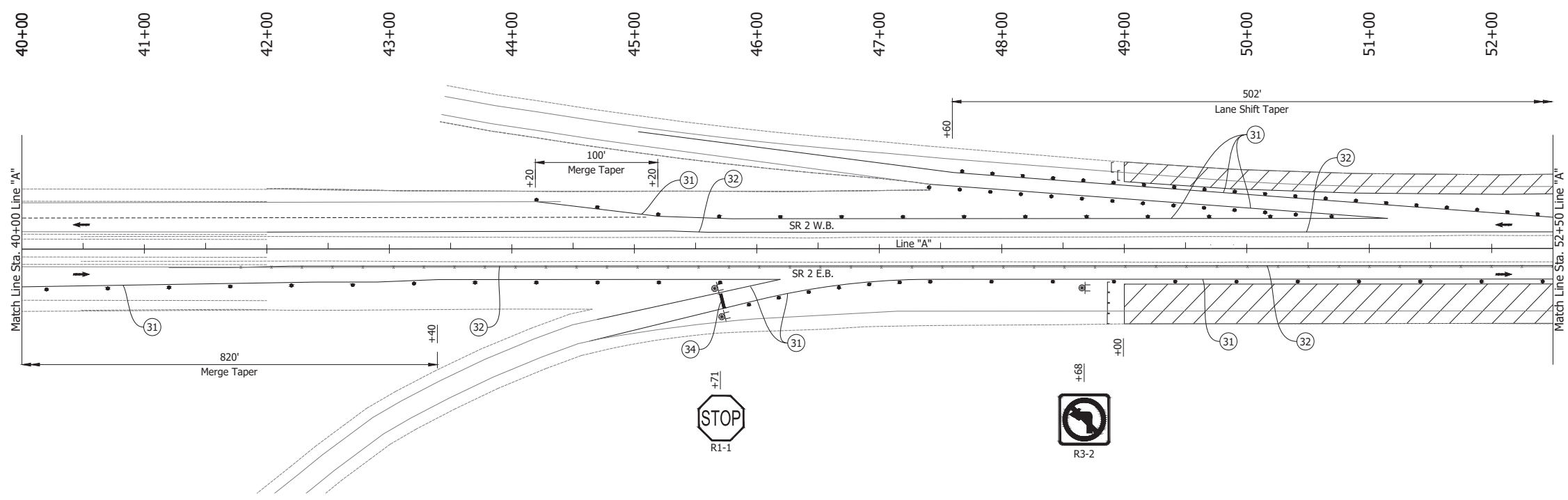
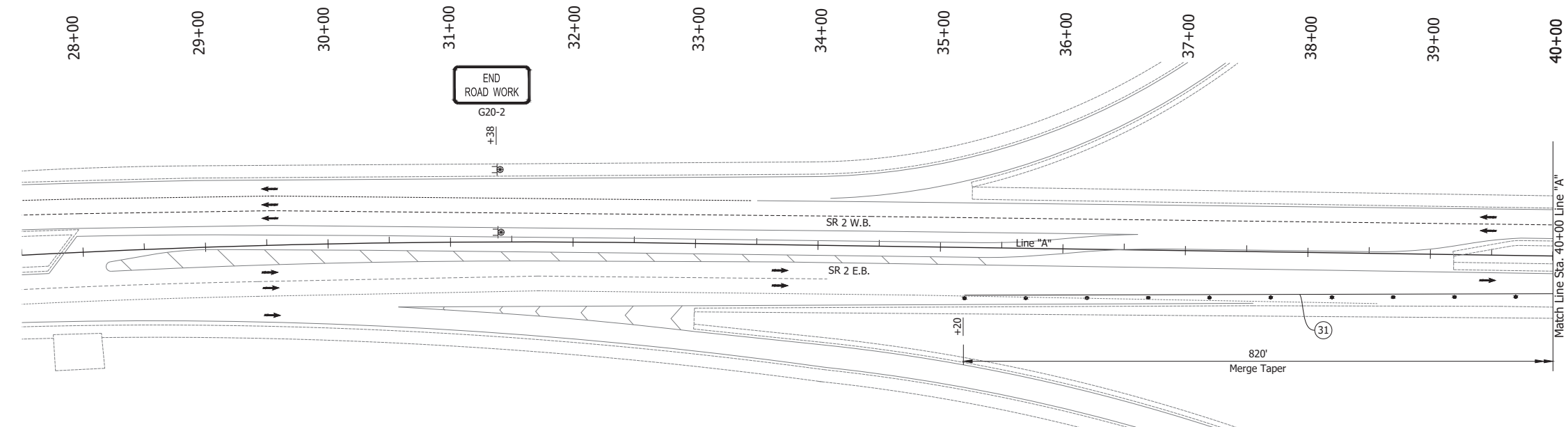


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:10pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Phase 1c (02).dwg

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
					1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			MAINTENANCE OF TRAFFIC PHASE 1C	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF				N/A	1900177
					SURVEY BOOK	SHEET
					ELECTRONIC	55 of 321
				CONTRACT	PROJECT	
				R-42444	1900177	

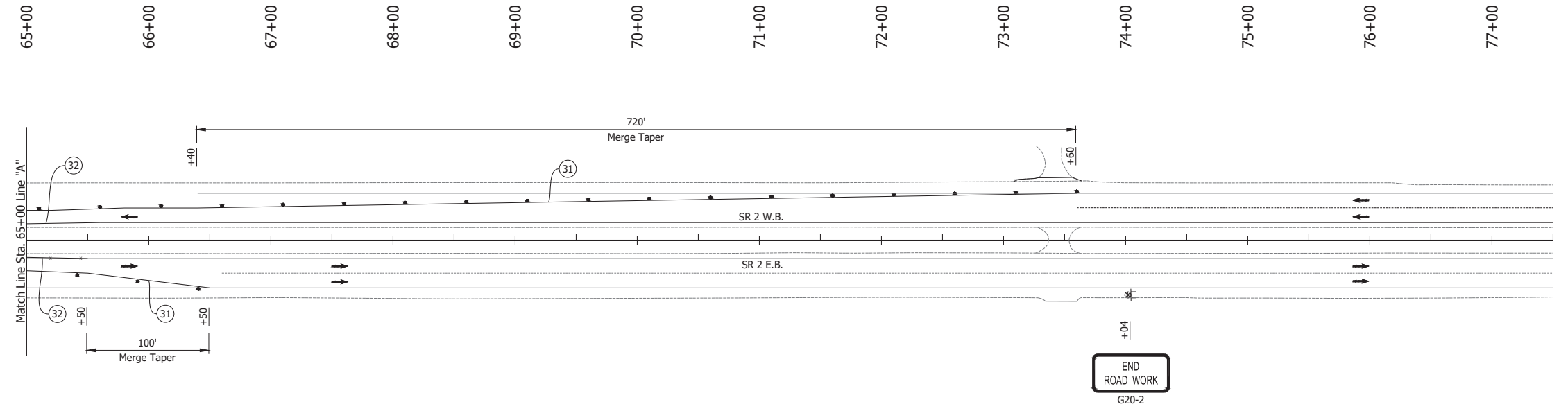
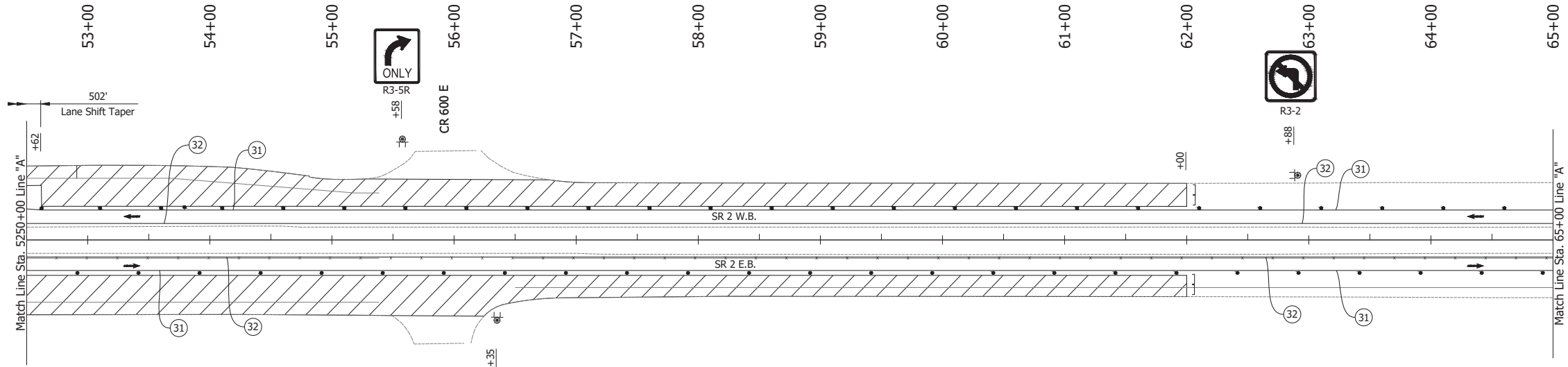


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (34) Temporary Transverse Pavement Marking, Removable, 24 in.
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:11pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Phase 1d (011)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1D	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	56 of 321
			CONTRACT	PROJECT
			R-42444	1900177

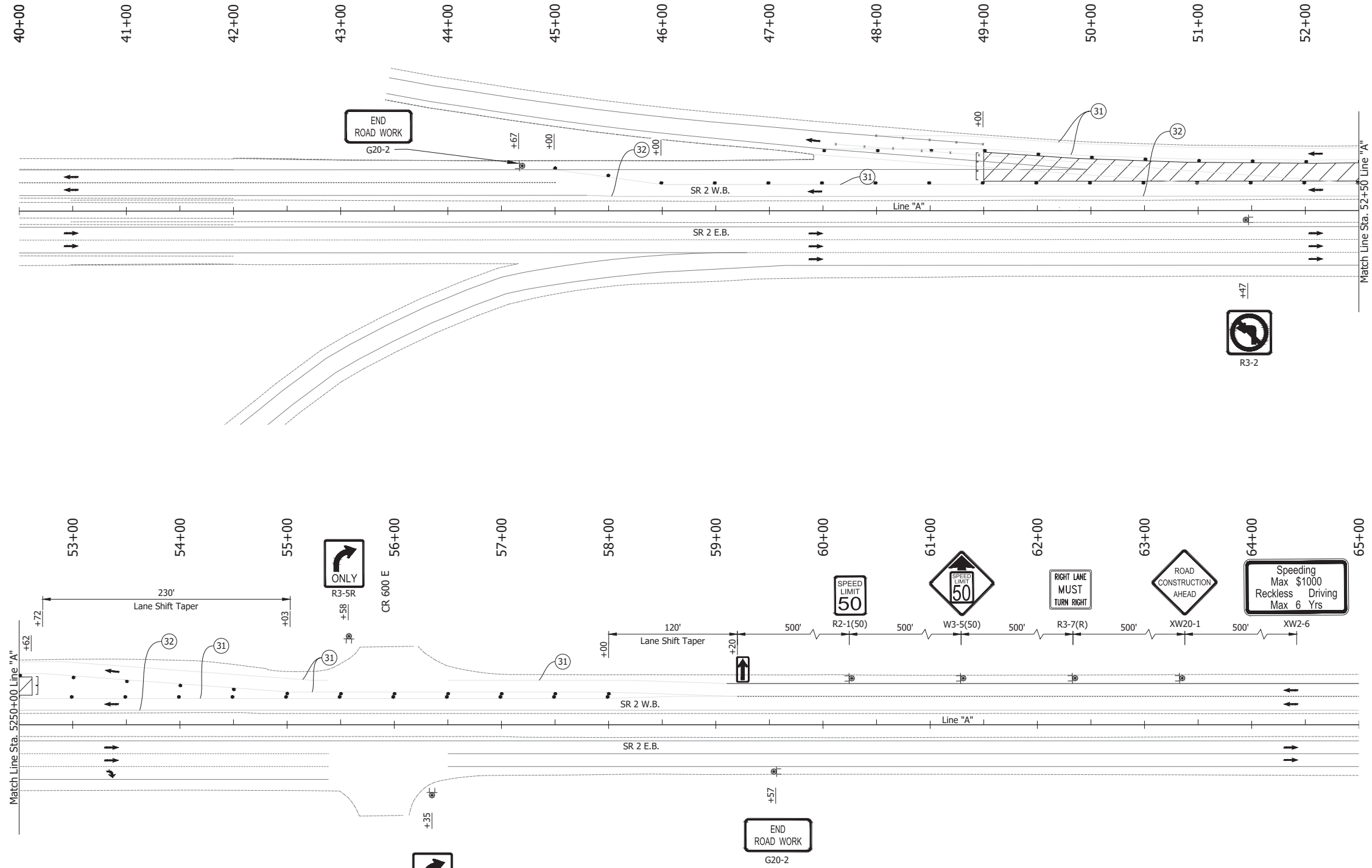


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:11pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Phase 1d (02).dwg (NOT Phase 1d (02))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 1D	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	57 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- Traffic Flow
- ⊕ Construction Sign
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:12pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Phase 1e (01).dwg (NOT Phase 1e (01))

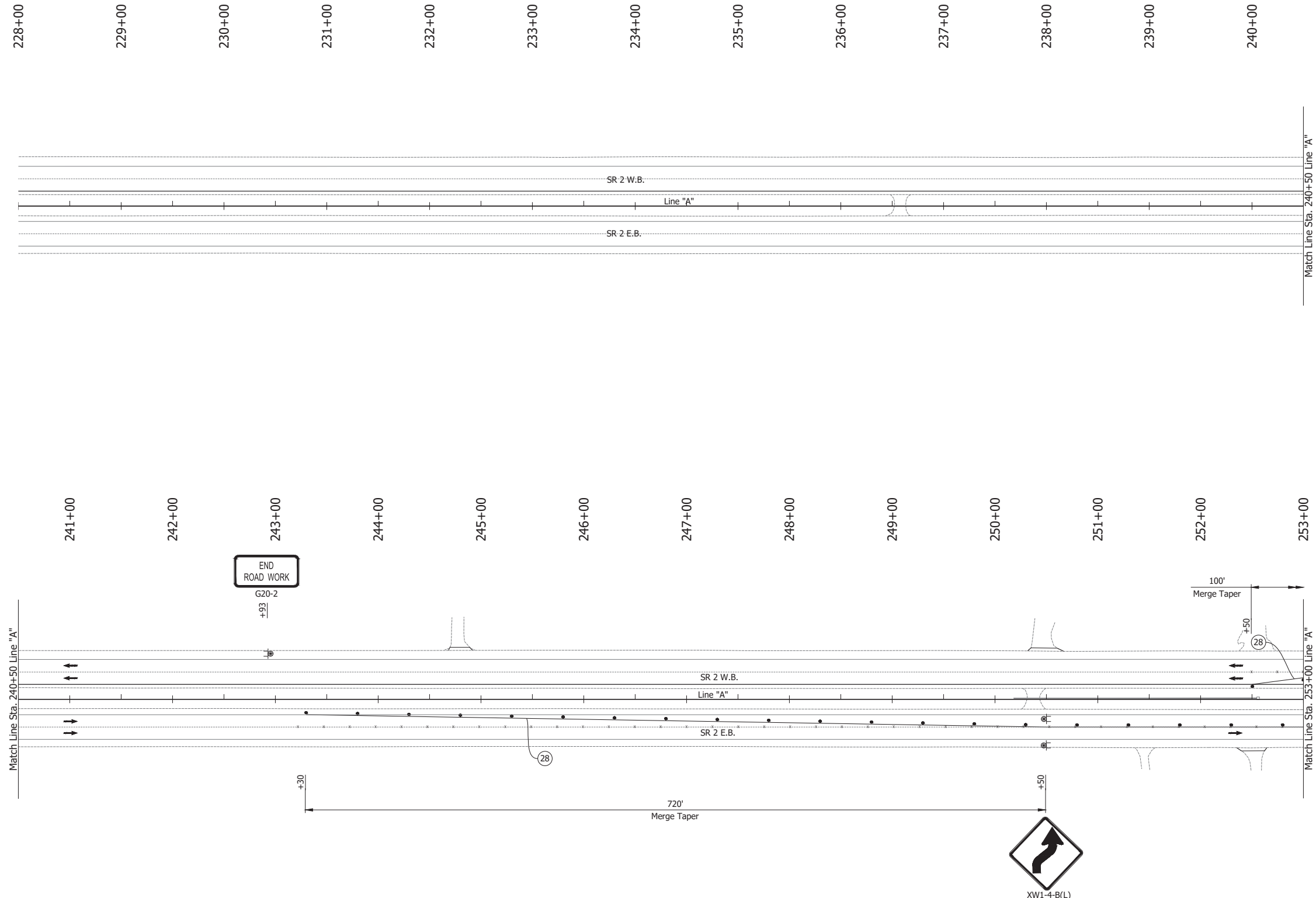
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 1E**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 58 of 321
CONTRACT R-42444	PROJECT 1900177

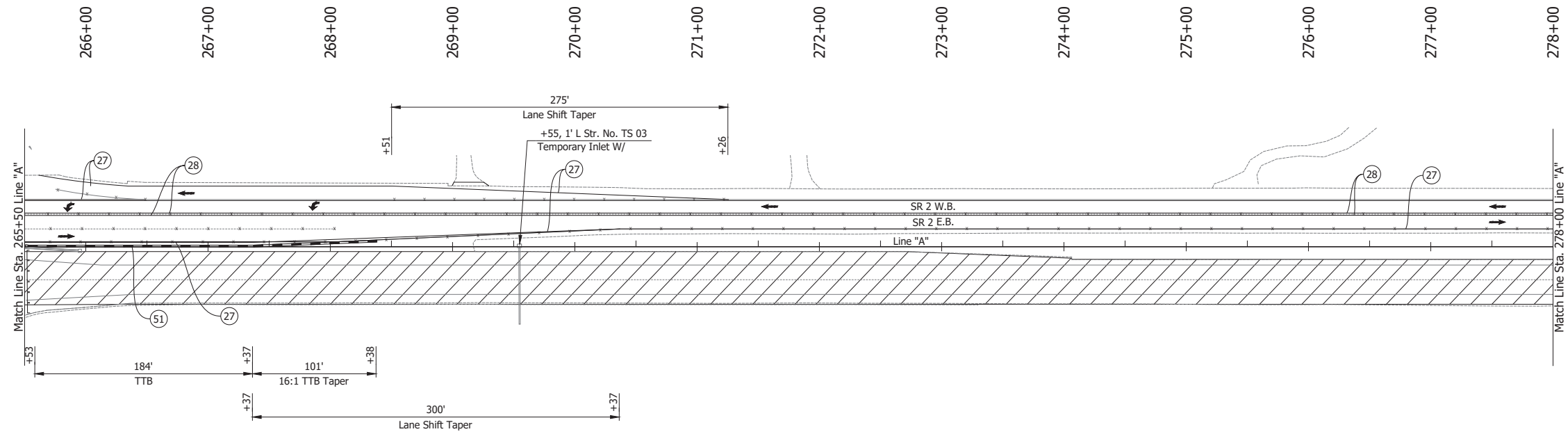
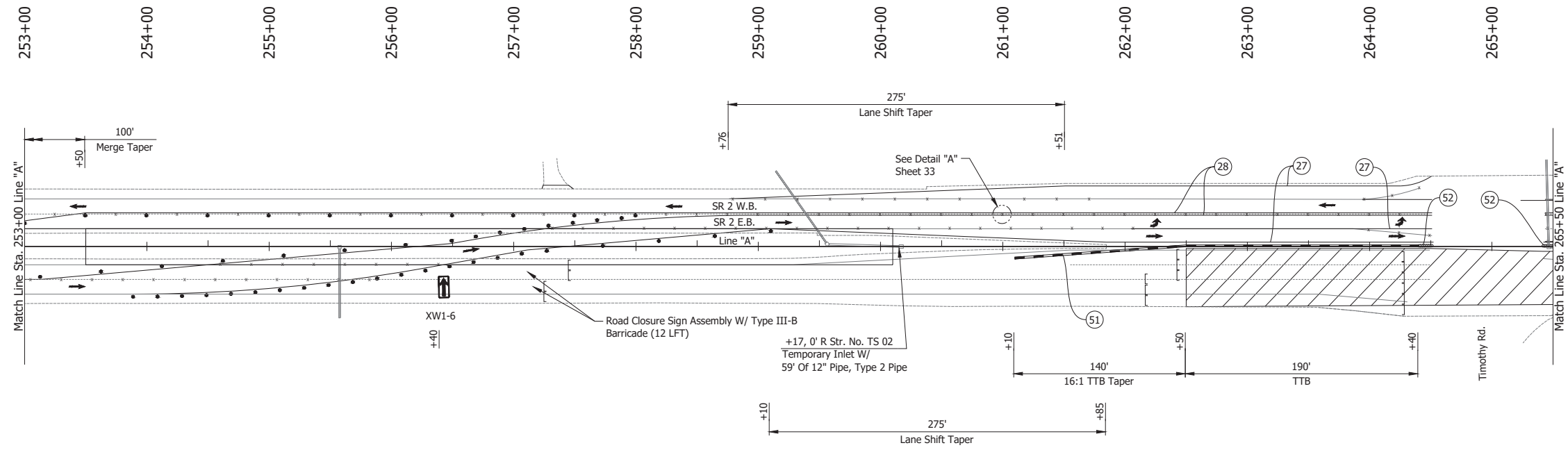
Date: Jun 23, 2023, 1:12pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Phase 2a.dwg (MOT Phase 2a (01))



- LEGEND:**
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - Line, Remove

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	59 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (44) Temporary Pavement Marking, Solid, White, 8 in.
- (50) Temporary Pavement Marking, Solid, Yellow, 8 in.
- (51) Temporary Traffic Barrier, Type 2
- (52) Energy Absorbing Terminal, CZ, TL-3
- Barrels
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

**NOTES:**

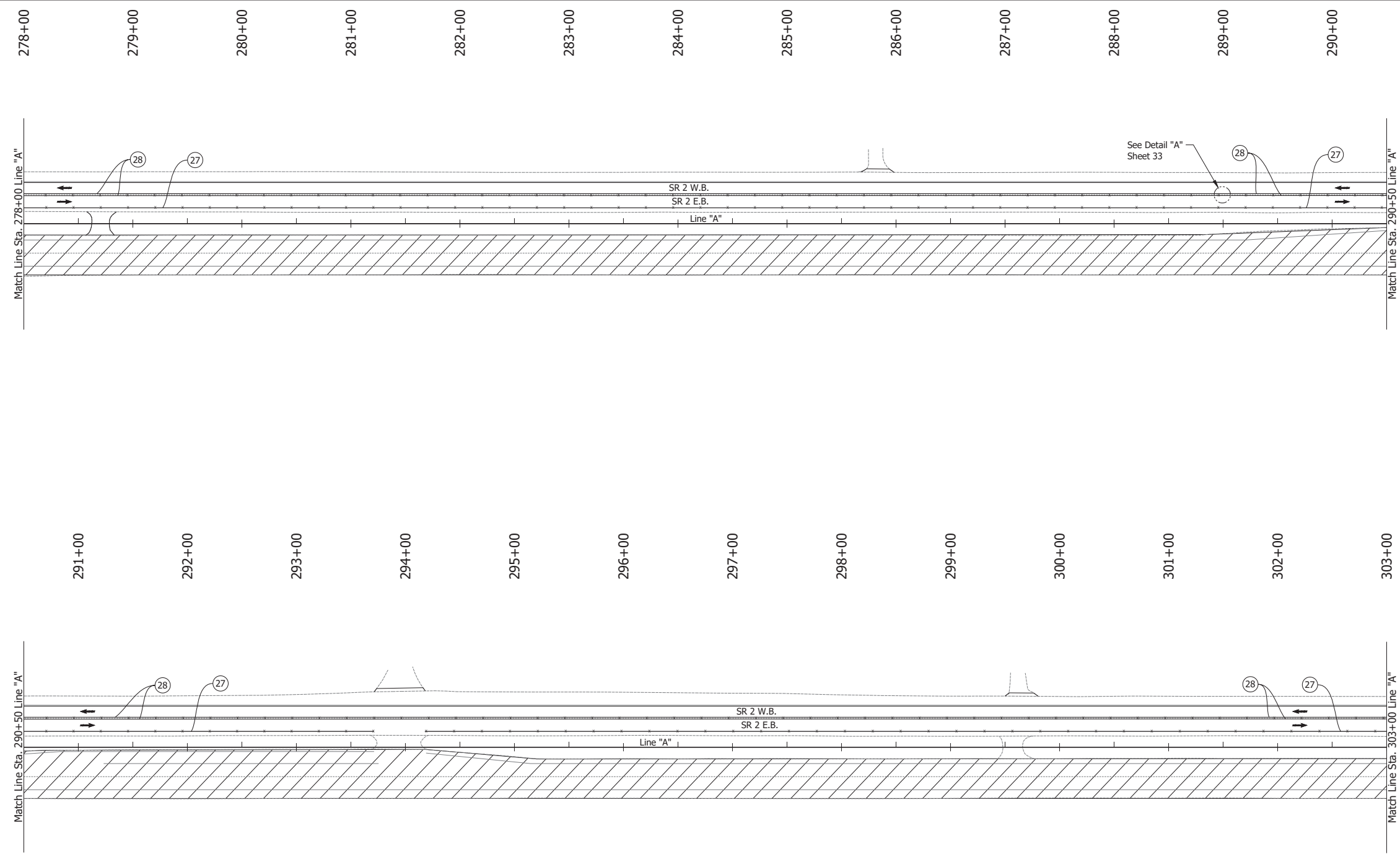
1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:12pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_RD\_MOT\_Phase 2a (02).dwg

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 2A		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	60 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		



Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT Plans PH2a.dwg (MOT Phase 2a (03))

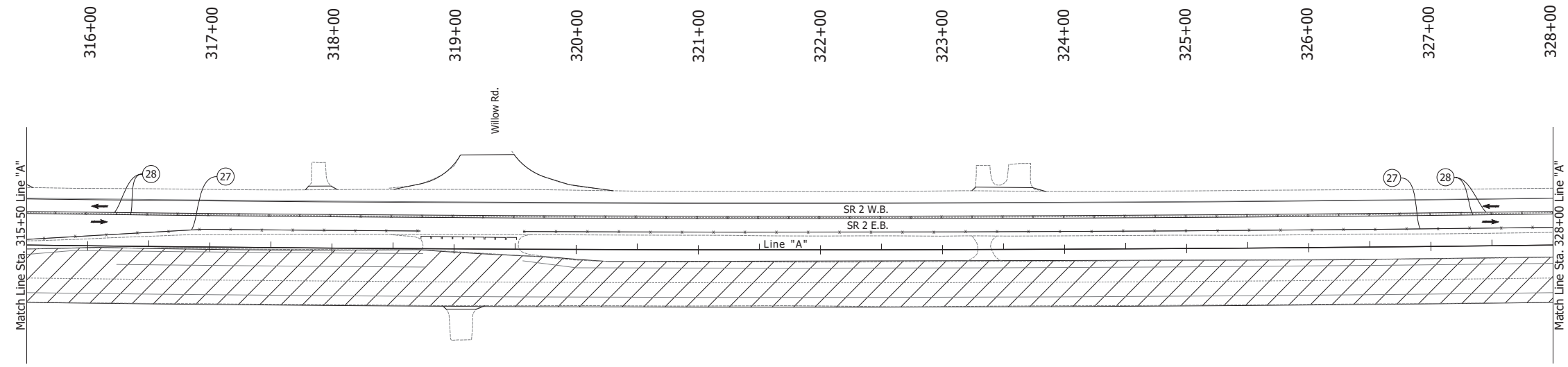
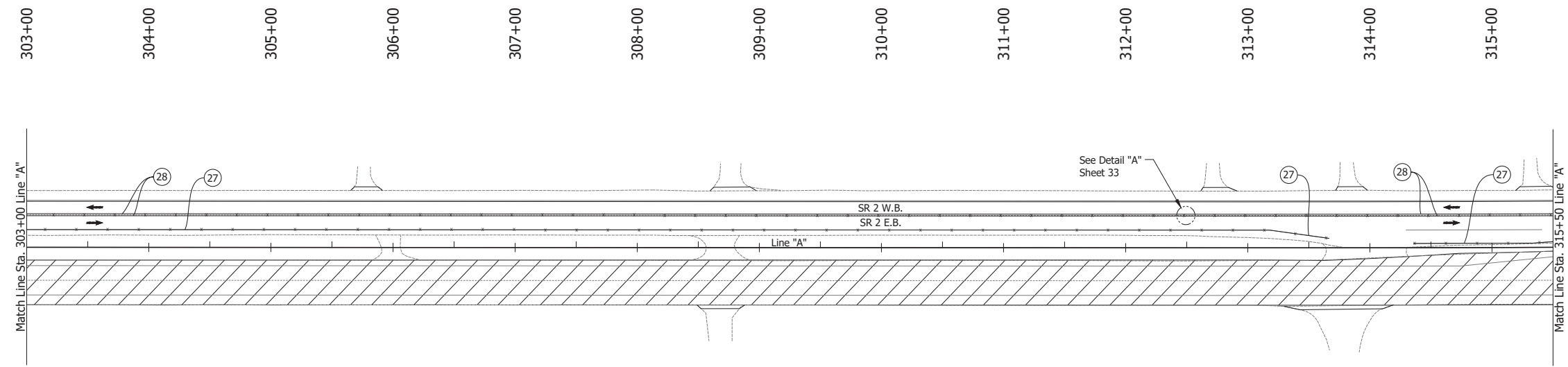


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - or ← Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	61 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Plans\_P12a.dwg (MOT Phase 2a (01))

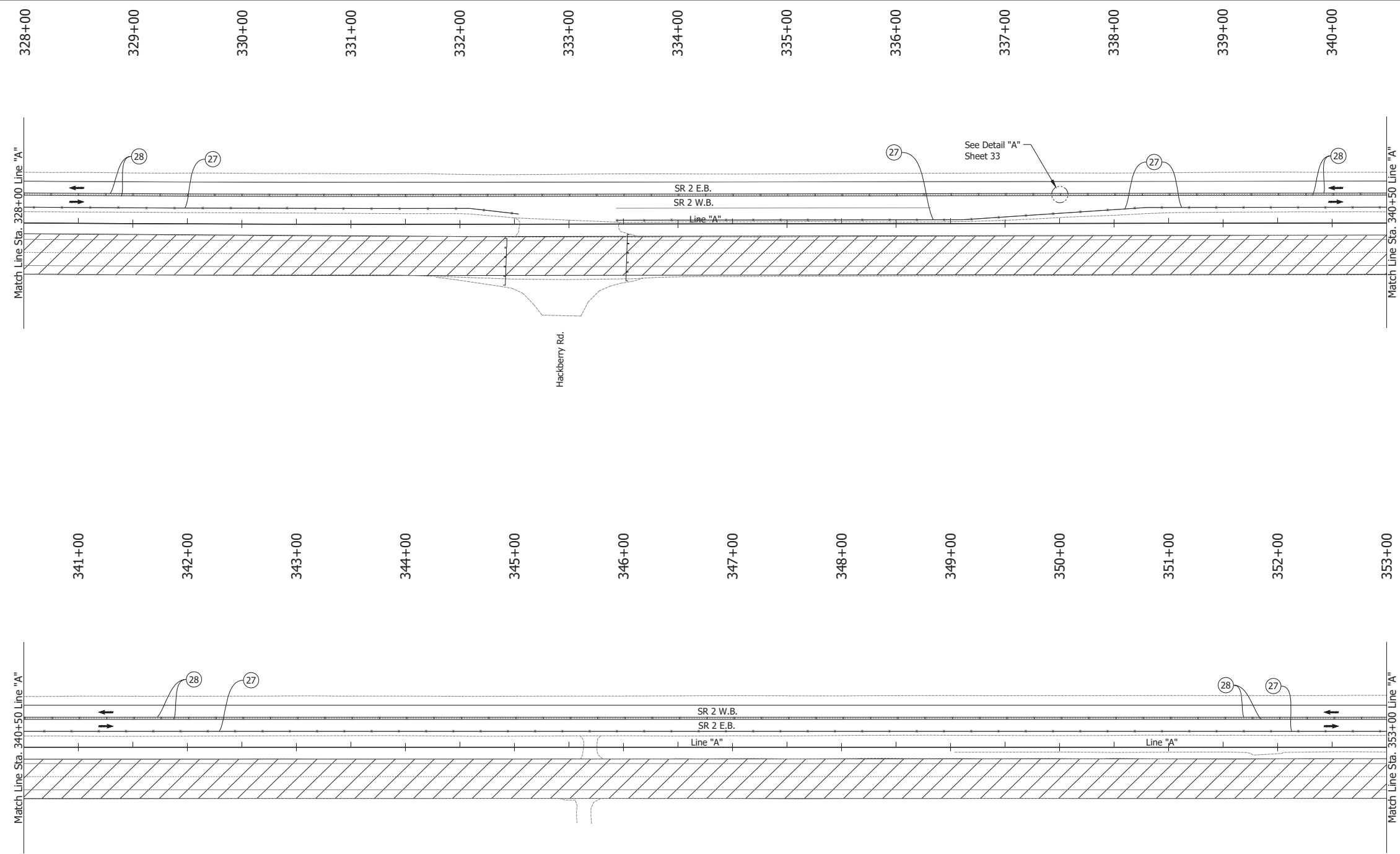


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	62 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SHL\_RD\_MOT Plans PH2a.dwg (MOT Phase 2a (05))

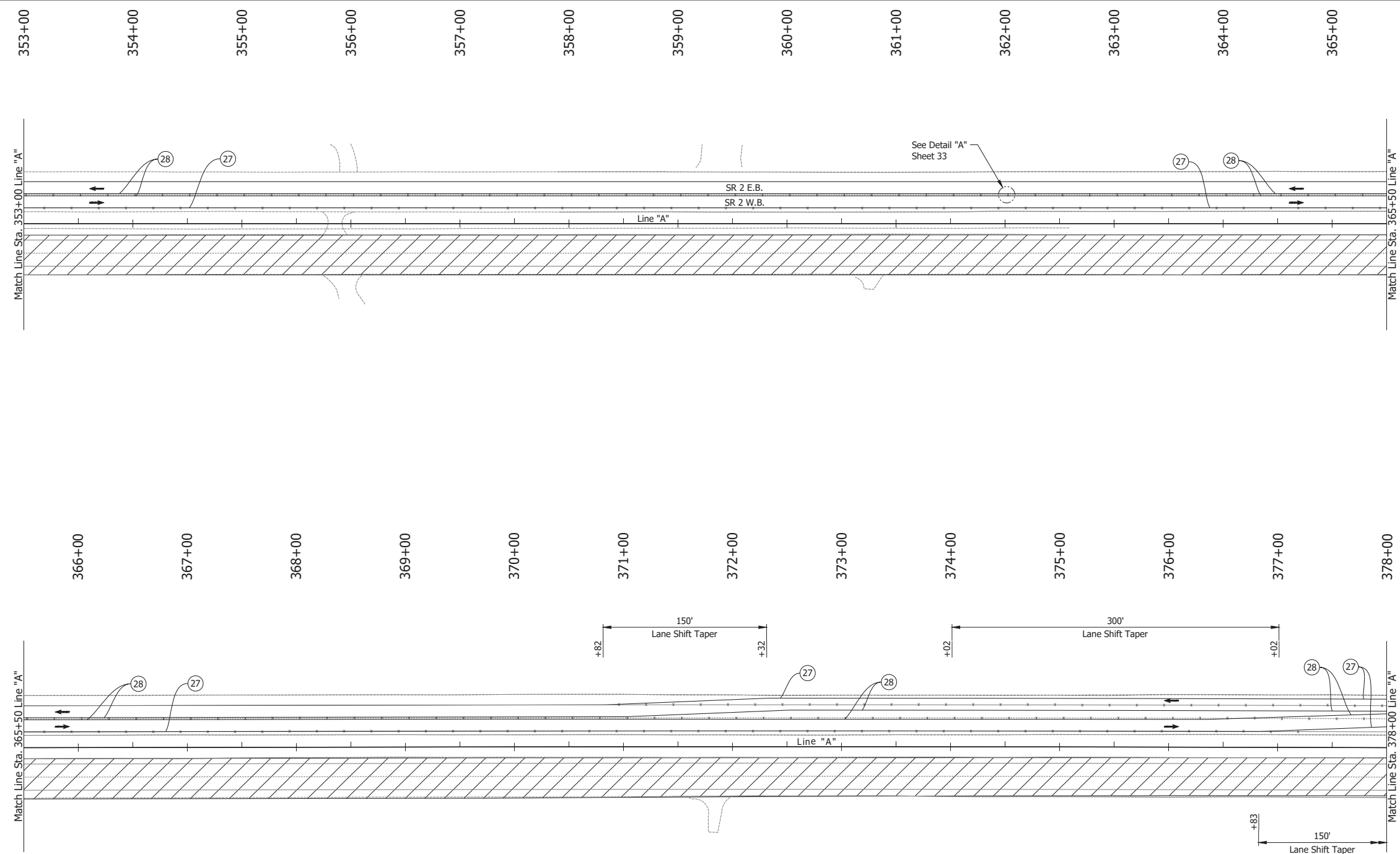


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - ↔ or → Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	63 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Plan PH2a.dwg (MOT Phase 2a (06))

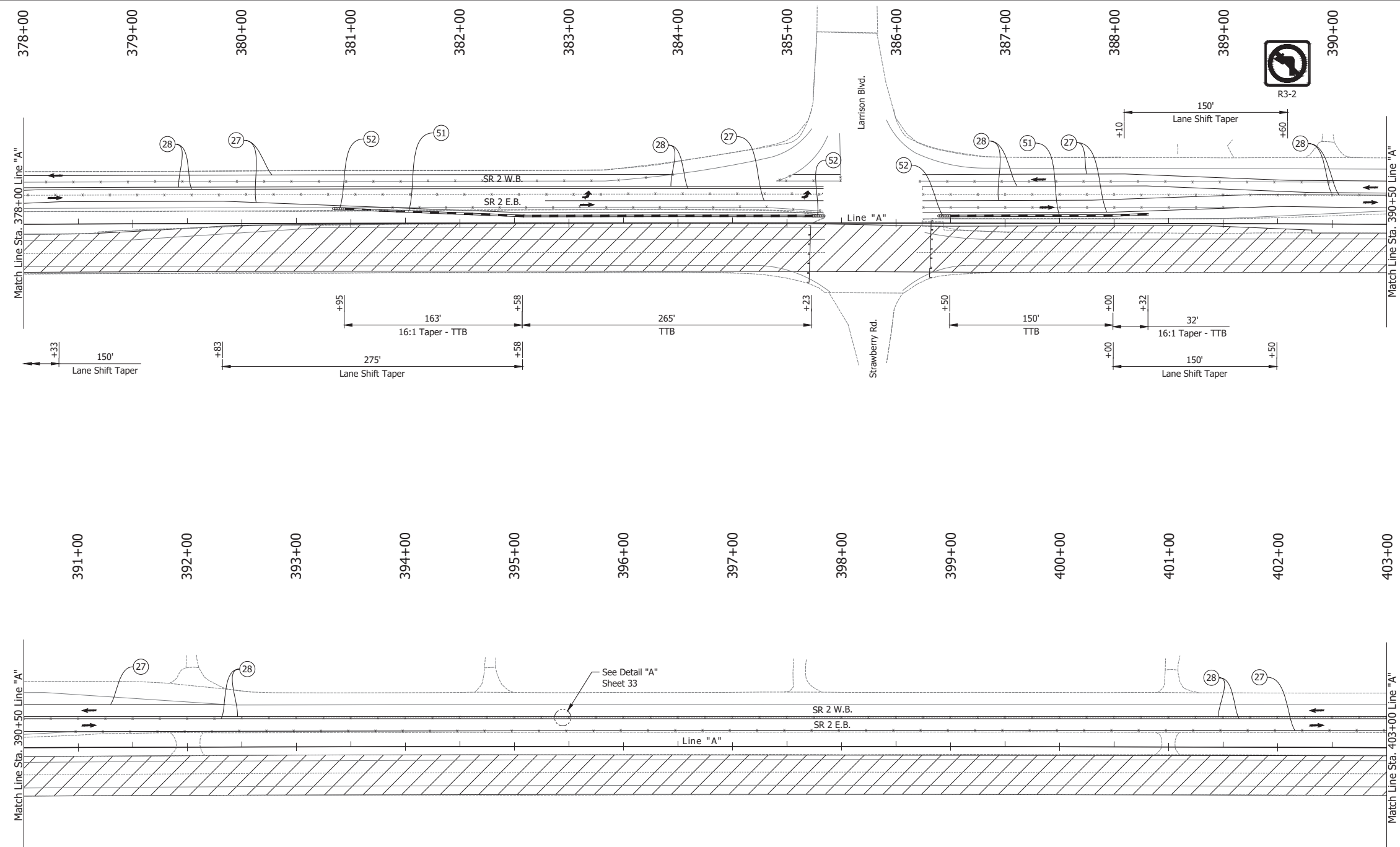


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 2A		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
ELECTRONIC	64 of 321				
CONTRACT	PROJECT				
R-42444	1900177				

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT\_Plan PH2a.dwg (MOT Phase 2a (07))

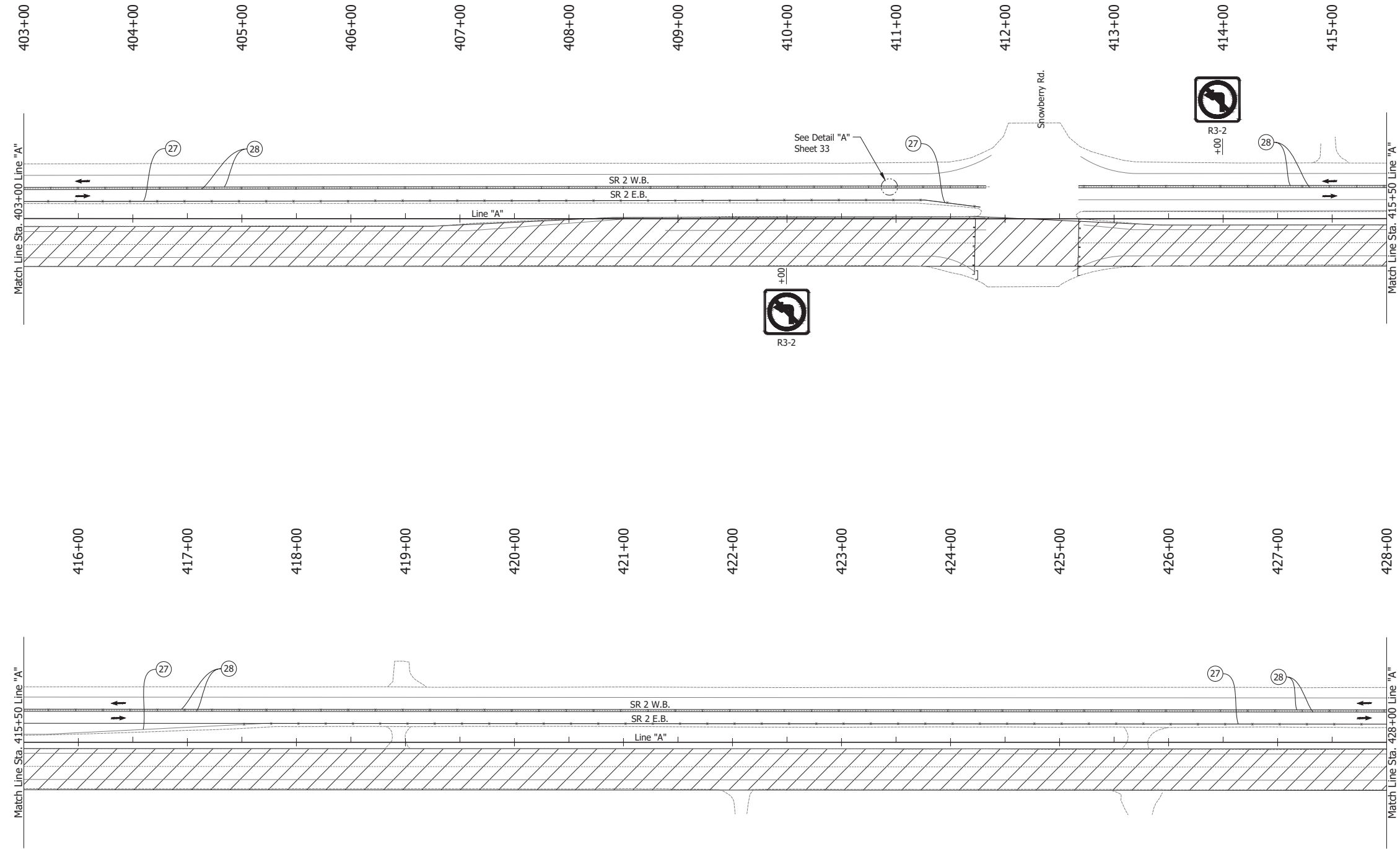


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
		MAINTENANCE OF TRAFFIC PHASE 2A		VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK	SHEET				
ELECTRONIC	65 of 321				
CONTRACT	PROJECT				
DESIGNED: JAG	DRAWN: BJS			R-42444	1900177
CHECKED: WBF	CHECKED: WBF				

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Phase 2a.dwg (MOT Phase 2a (08))

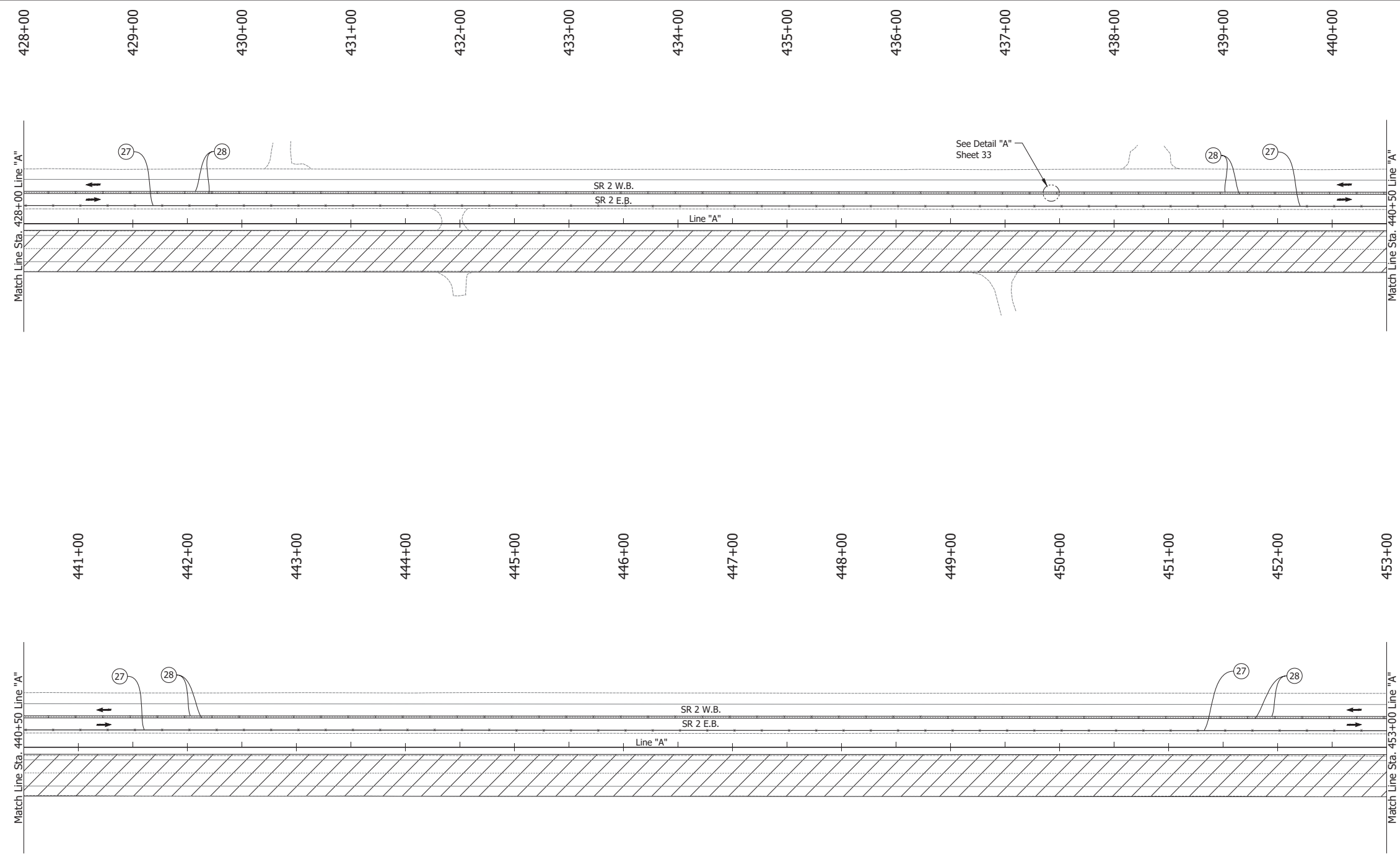


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	66 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:13pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_MOT\_Plan PH2a.dwg (MOT Phase 2a (09))

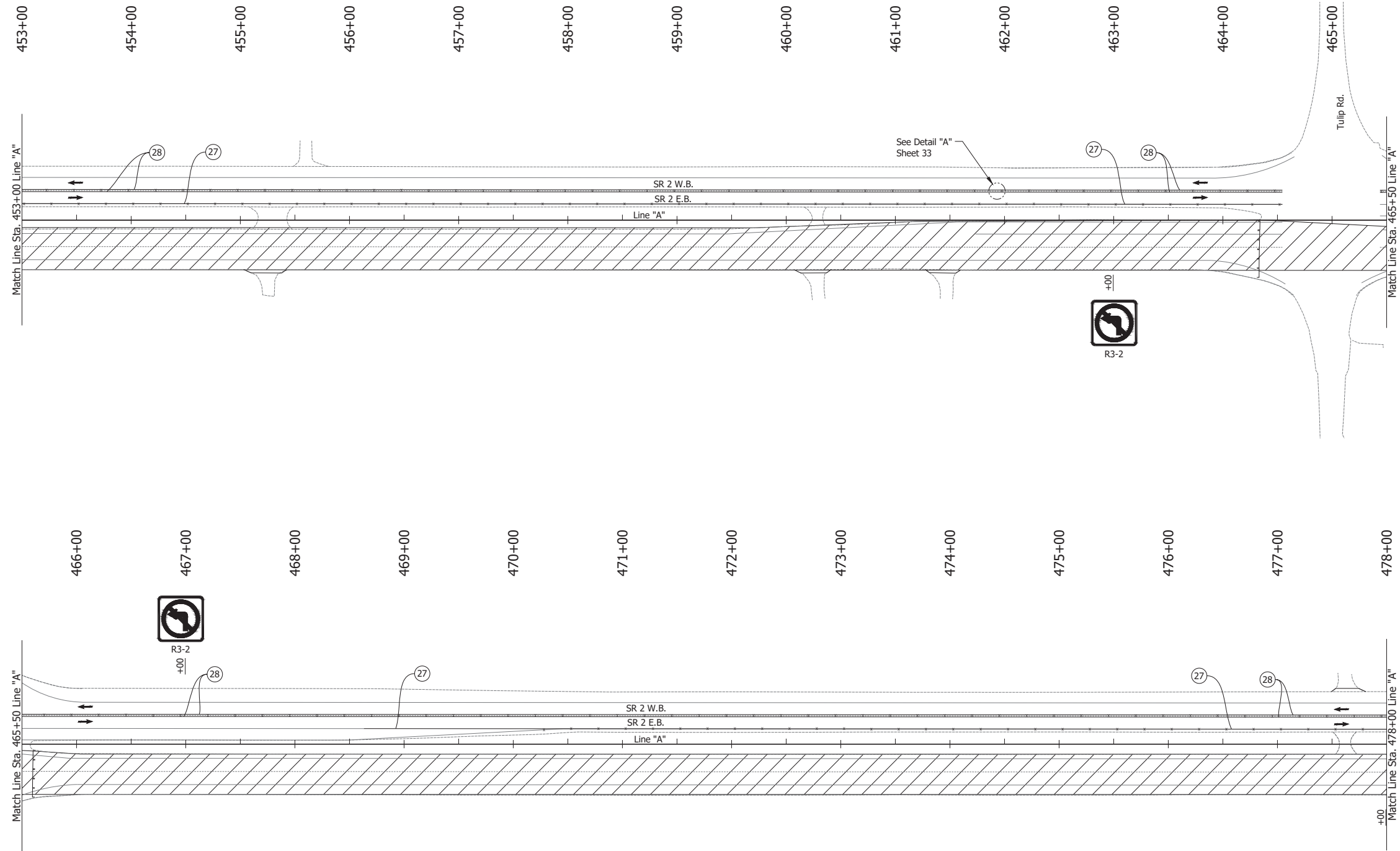


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - or ← Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	67 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:14pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\SR2\_MOT\_Phase 2a.dwg (MOT Phase 2a (10))

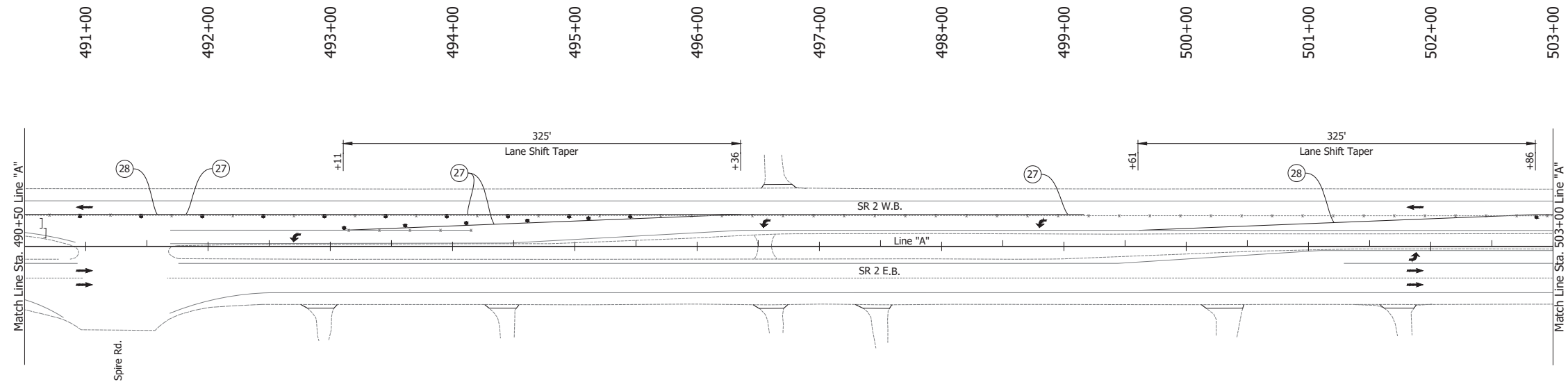
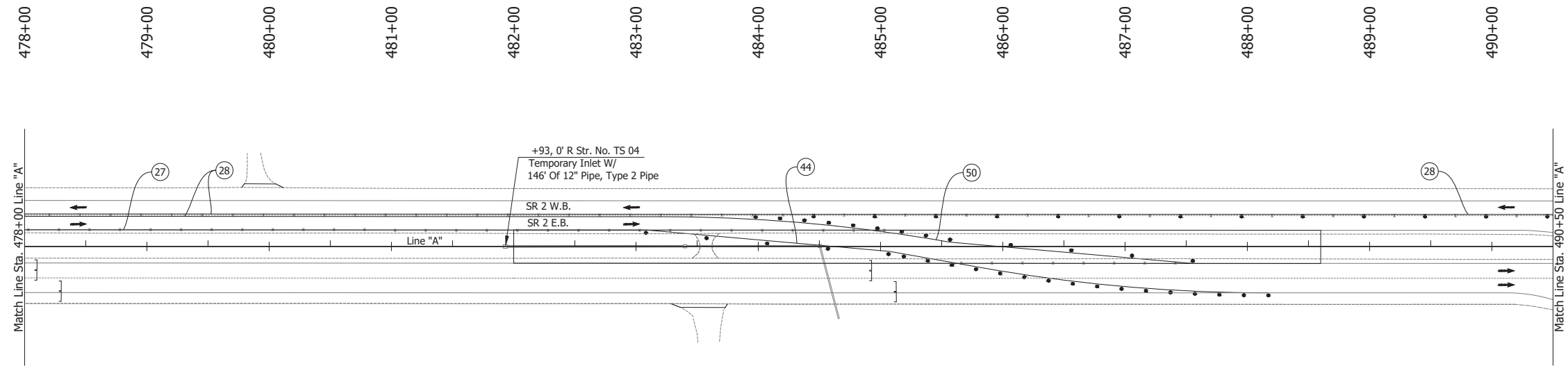


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 2A		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	68 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		





**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (44) Temporary Pavement Marking, Solid, White, 8 in.
- (50) Temporary Pavement Marking, Solid, Yellow, 8 in.
- Barrels
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

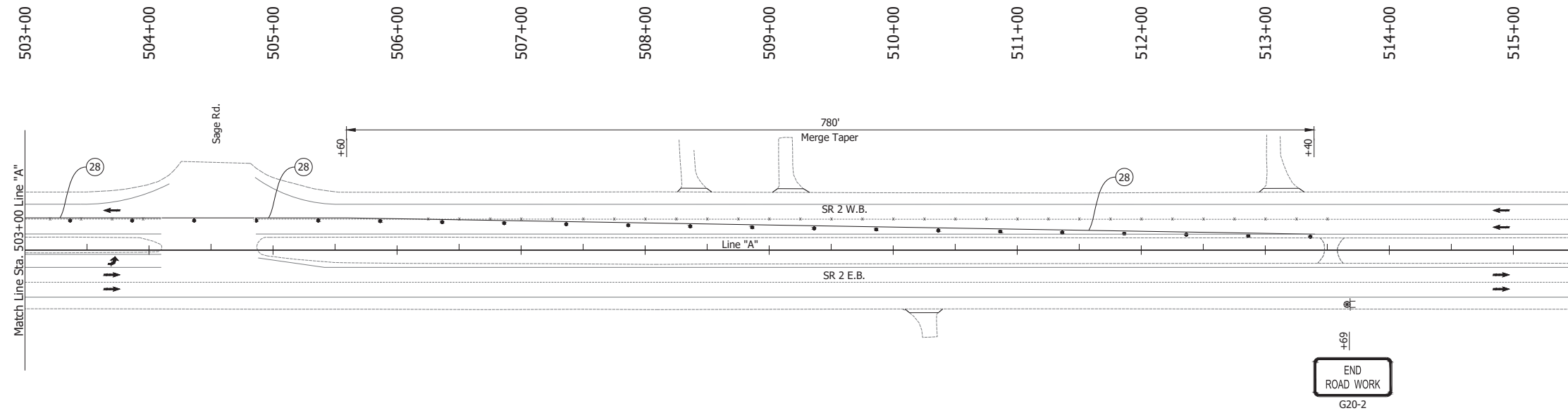
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	







**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 2A**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 69 of 321
CONTRACT R-42444	PROJECT 1900177



**LEGEND:**

-  Temporary Pavement Marking, Solid, Yellow, 4 in.
-  Barrels
-  Traffic Flow
-  Construction Sign
-  Line, Remove
-  Construction Area

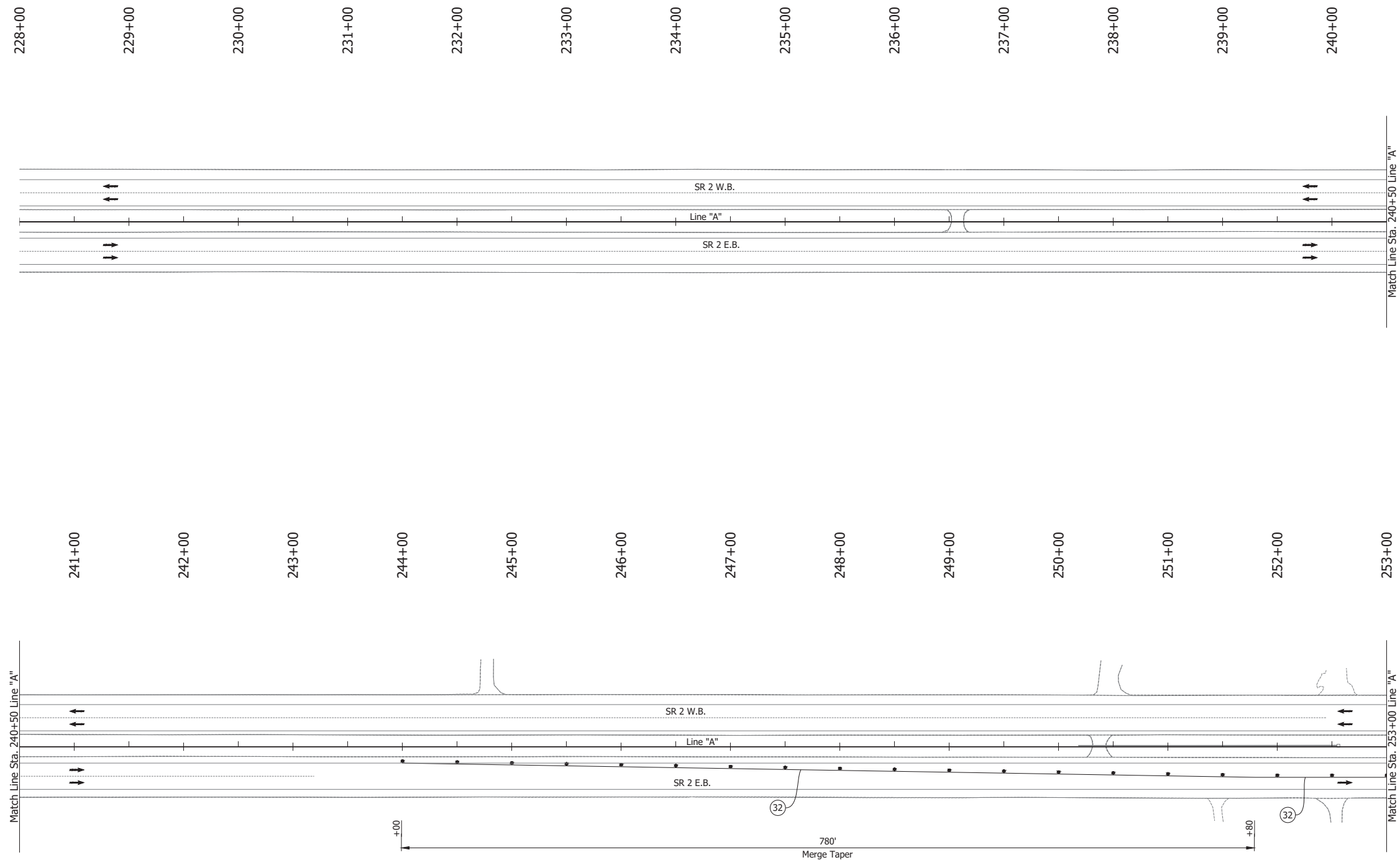
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:14pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT\_Phase 2a.dwg (MOT Phase 2a (12))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	70 of 321
			CONTRACT	PROJECT
			R-42444	1900177

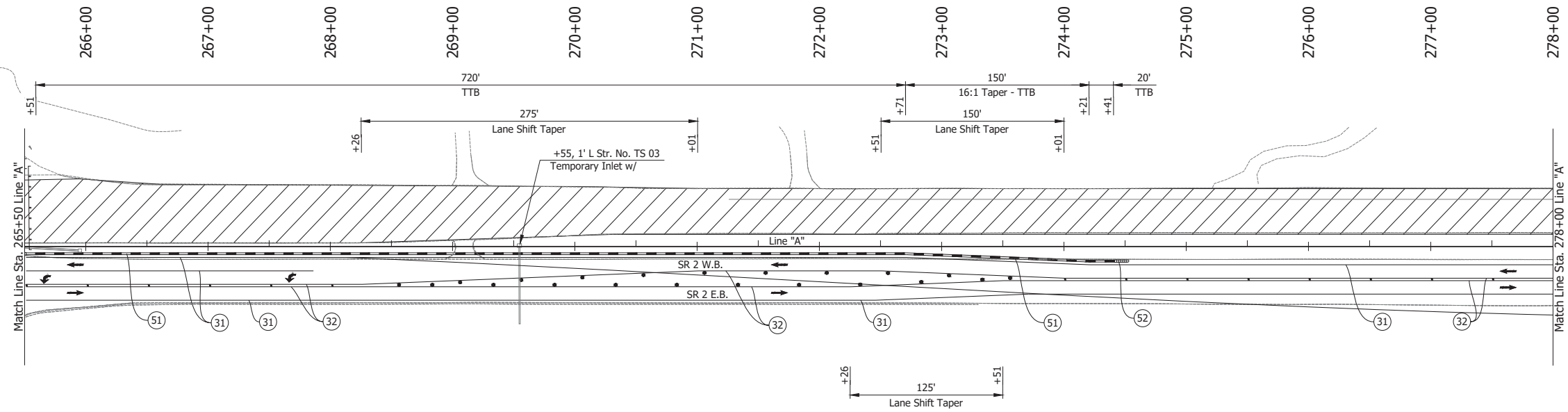
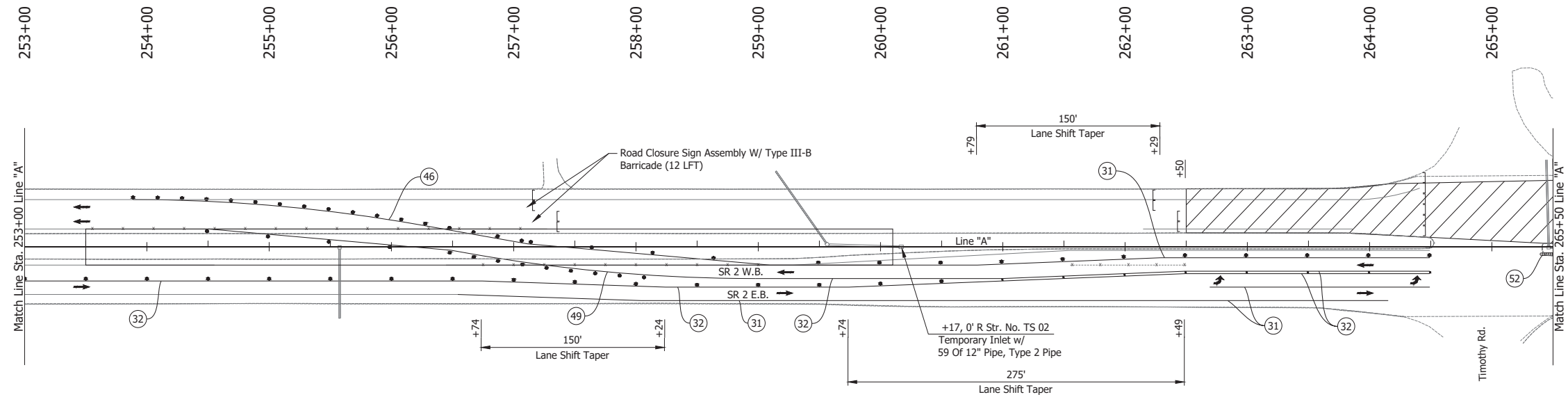
Date: Jun 23, 2023, 1:14pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT Plans PH2b.dwg - (MOT Phase 2b (01))



- LEGEND:**
- 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - or Traffic Flow

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE	BRIDGE FILE
		1" = 50'	N/A
DESIGNED: JAG      DRAWN: BJS CHECKED: WBF      CHECKED: WBF	<b>MAINTENANCE OF TRAFFIC PHASE 2B</b>	VERTICAL SCALE	DESIGNATION
		N/A	1900177
		SURVEY BOOK	SHEET
		ELECTRONIC	71 of 321
		CONTRACT	PROJECT
		R-42444	1900177



**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (46) Temporary Pavement Marking, Solid, White, 8 in., Removable
- (49) Temporary Pavement Marking, Solid, Yellow, 8 in., Removable
- (51) Temporary Traffic Barrier, Type 2
- (52) Energy Absorbing Terminal, CZ, TL-3
- Barrels
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker
- ] Barricade, Type III-B

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SHL\_RD\_MOT Plans PH2b.dwg - (MOT Phase 2b) (02)

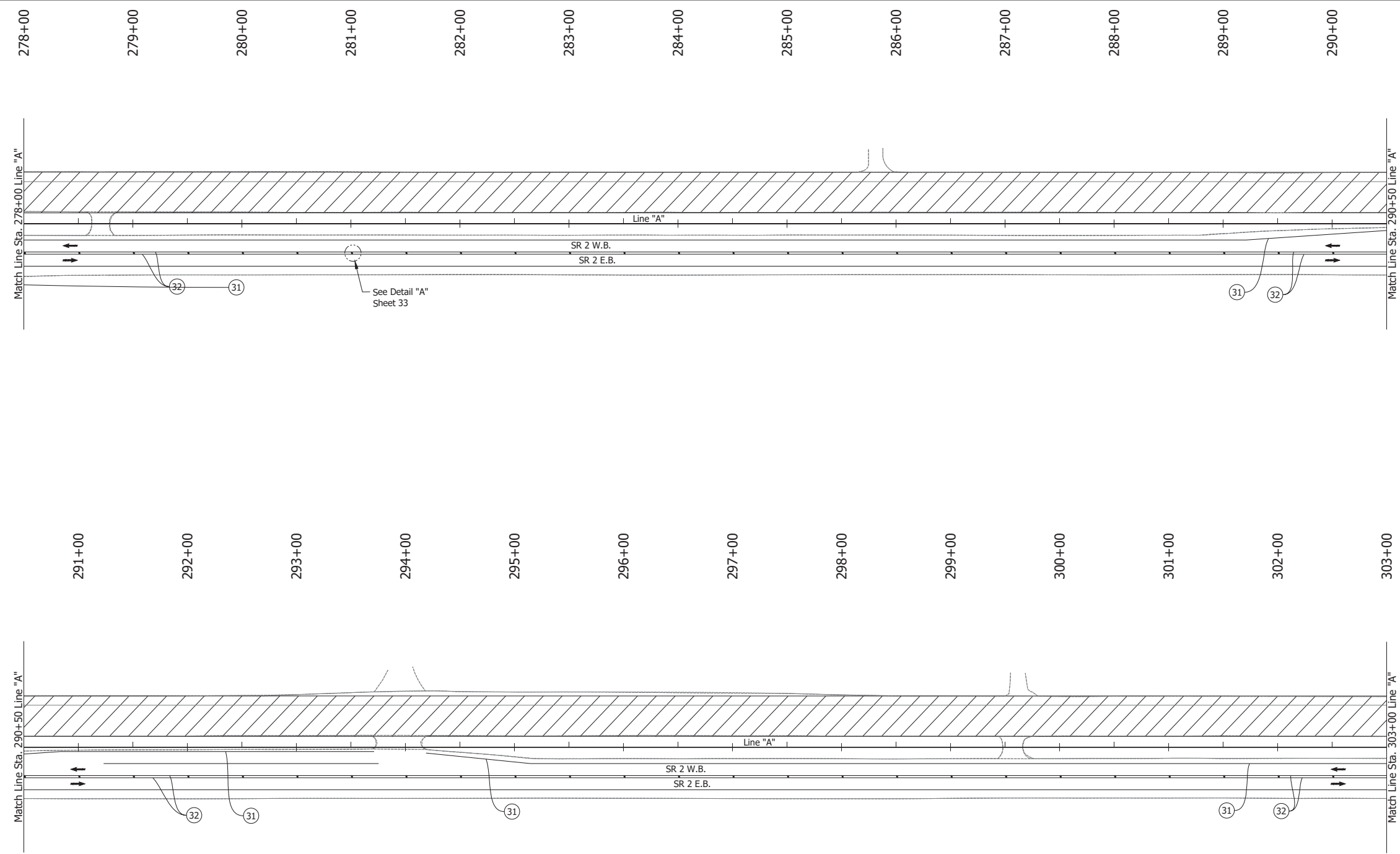
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 2B**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK	SHEET
ELECTRONIC	72 of 321
CONTRACT R-42444	PROJECT 1900177

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan\_Ph2b.dwg - (MOT Phase 2b (03))

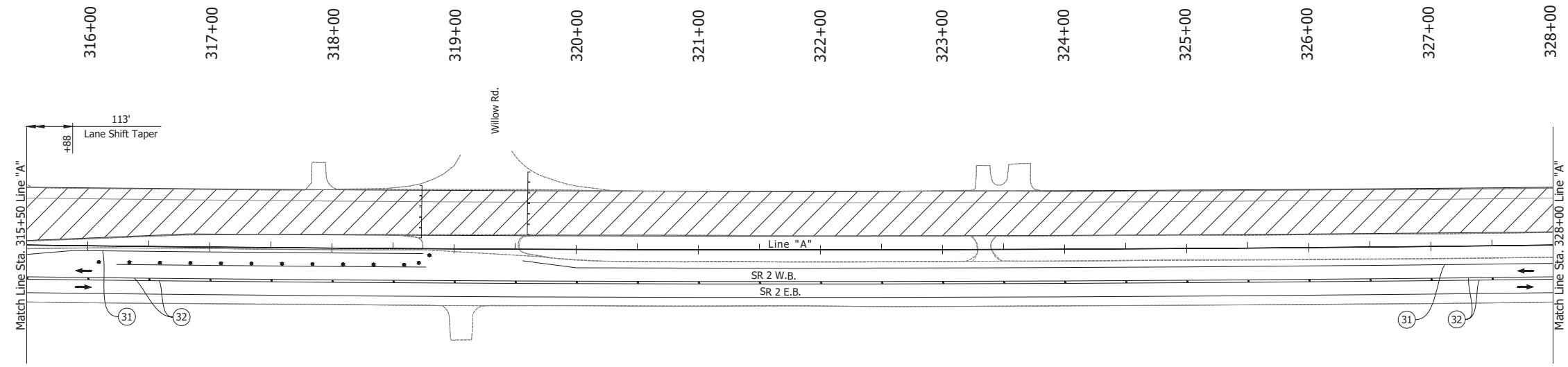
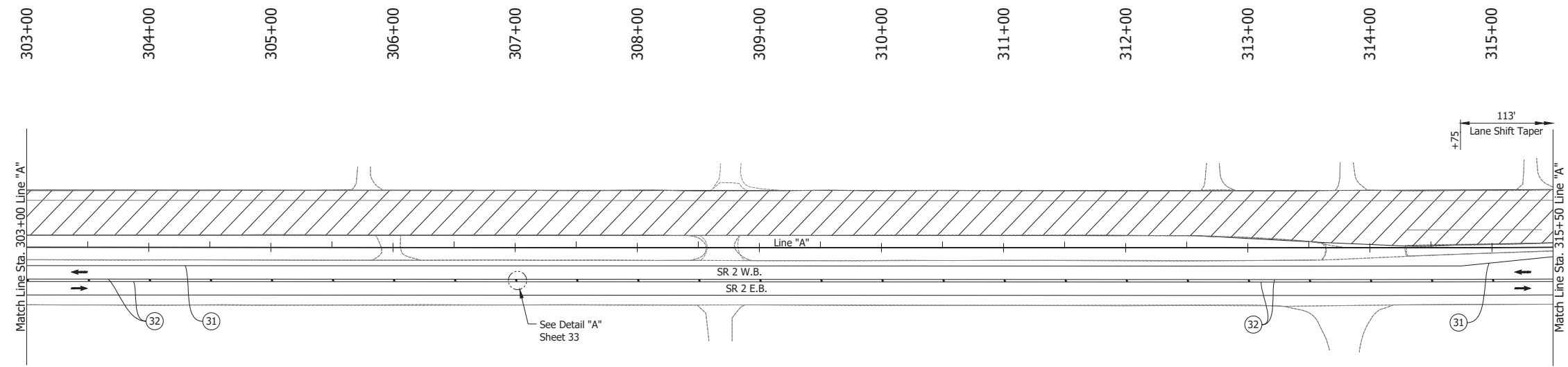


- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	73 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SR2\_MOT\_Plan\_P2b.dwg - (NOT Phase 2b (04))

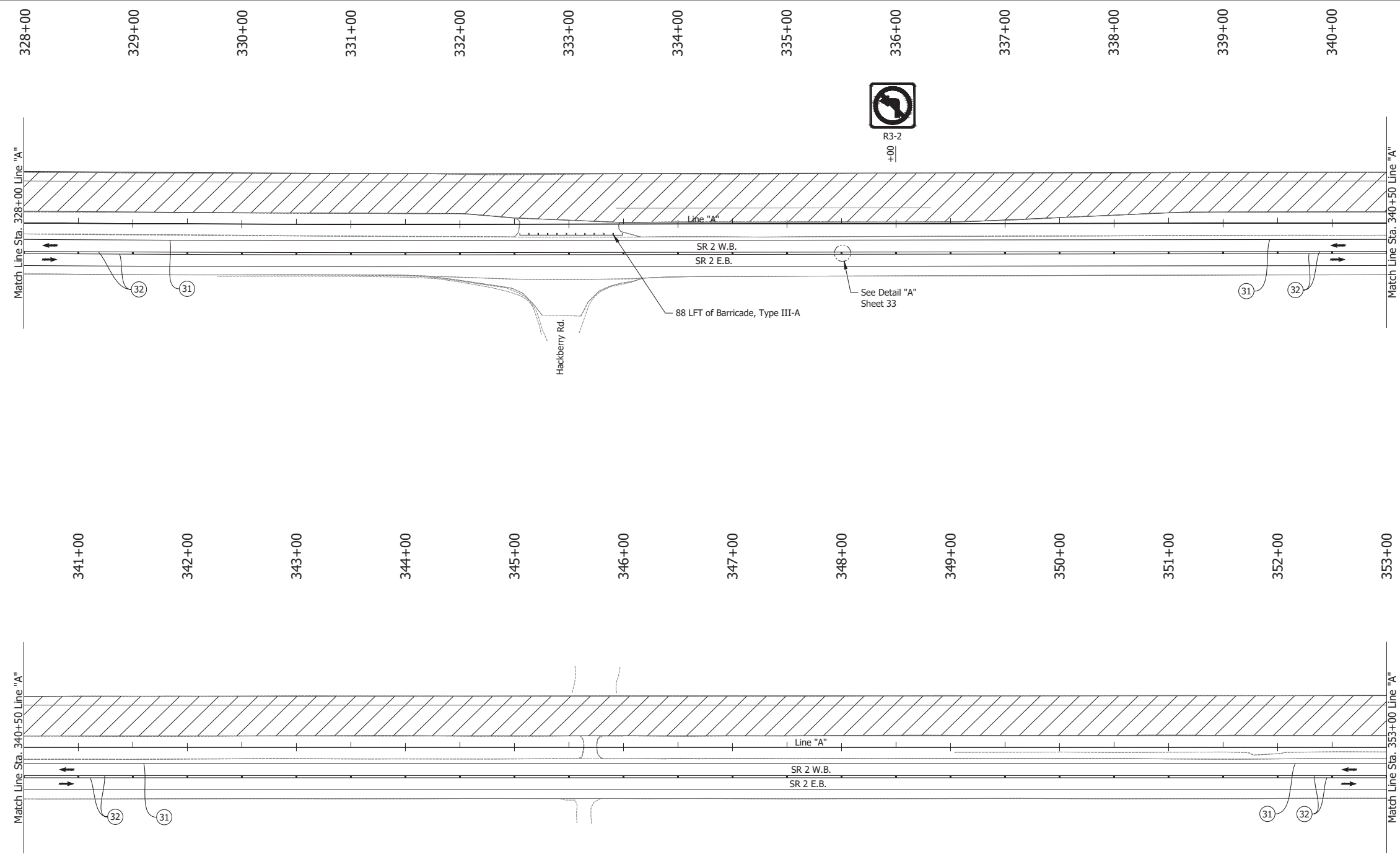


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 2B		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	74 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT Plans PH2b.dwg (MOT Phase 2b (05))

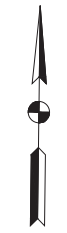
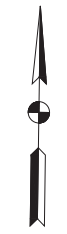
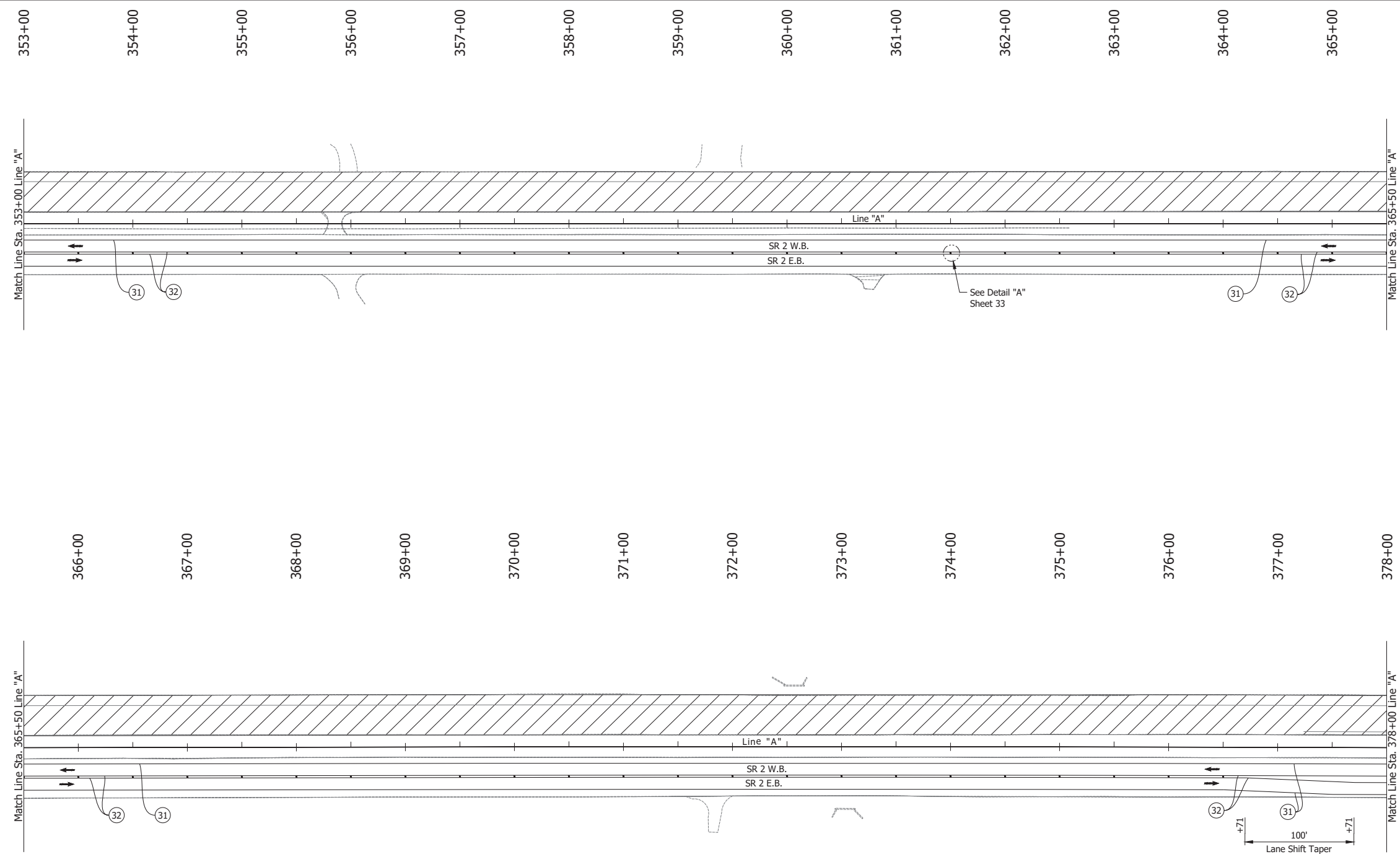


- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker
  - ] Barricade, Type III

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	75 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Plans\_P120.dwg - (MOT Phase 2b) (06)



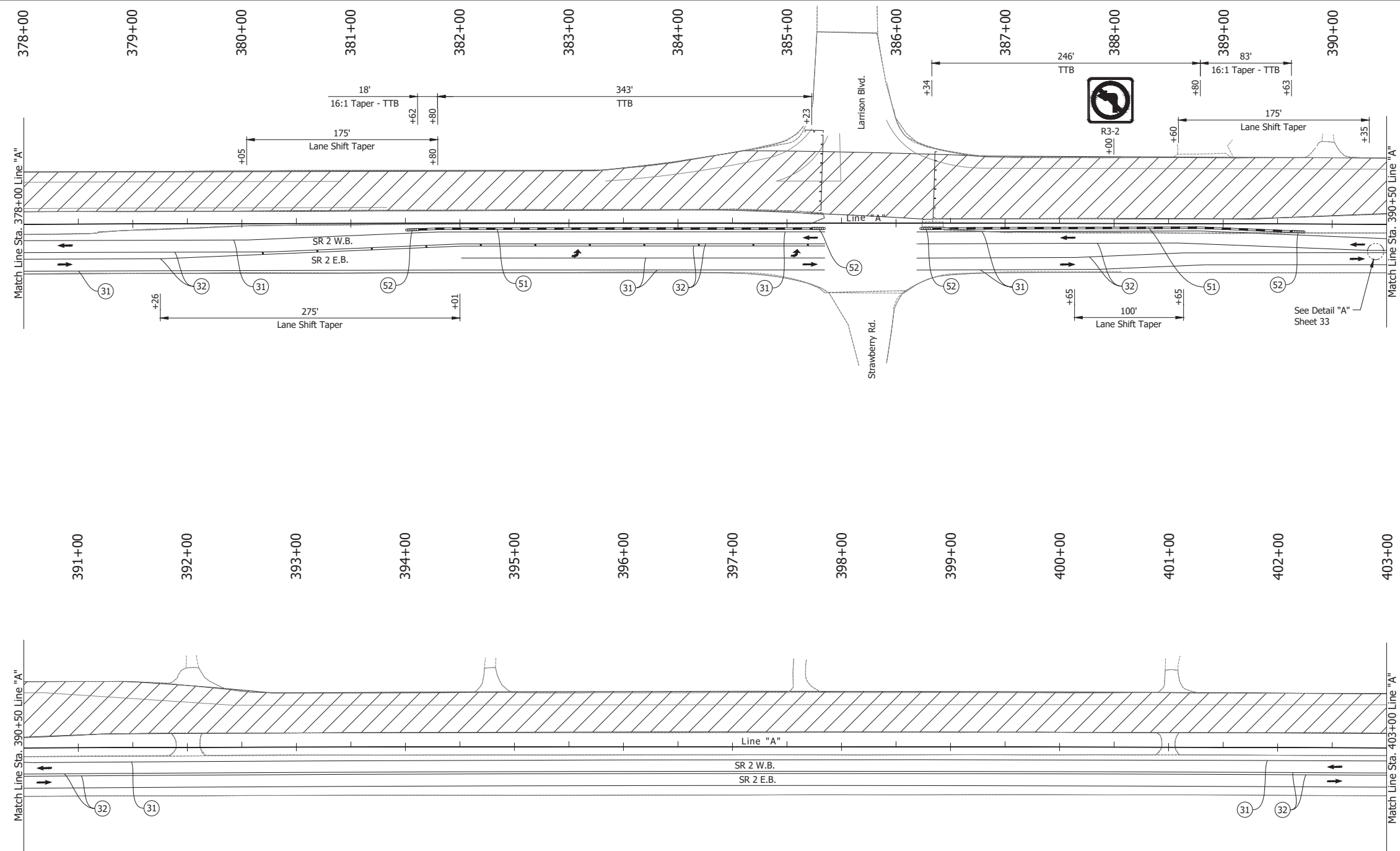
- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	76 of 321
			CONTRACT	PROJECT
			R-42444	1900177



Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT Plans PH2b.dwg - (NOT Phase 2b (07))

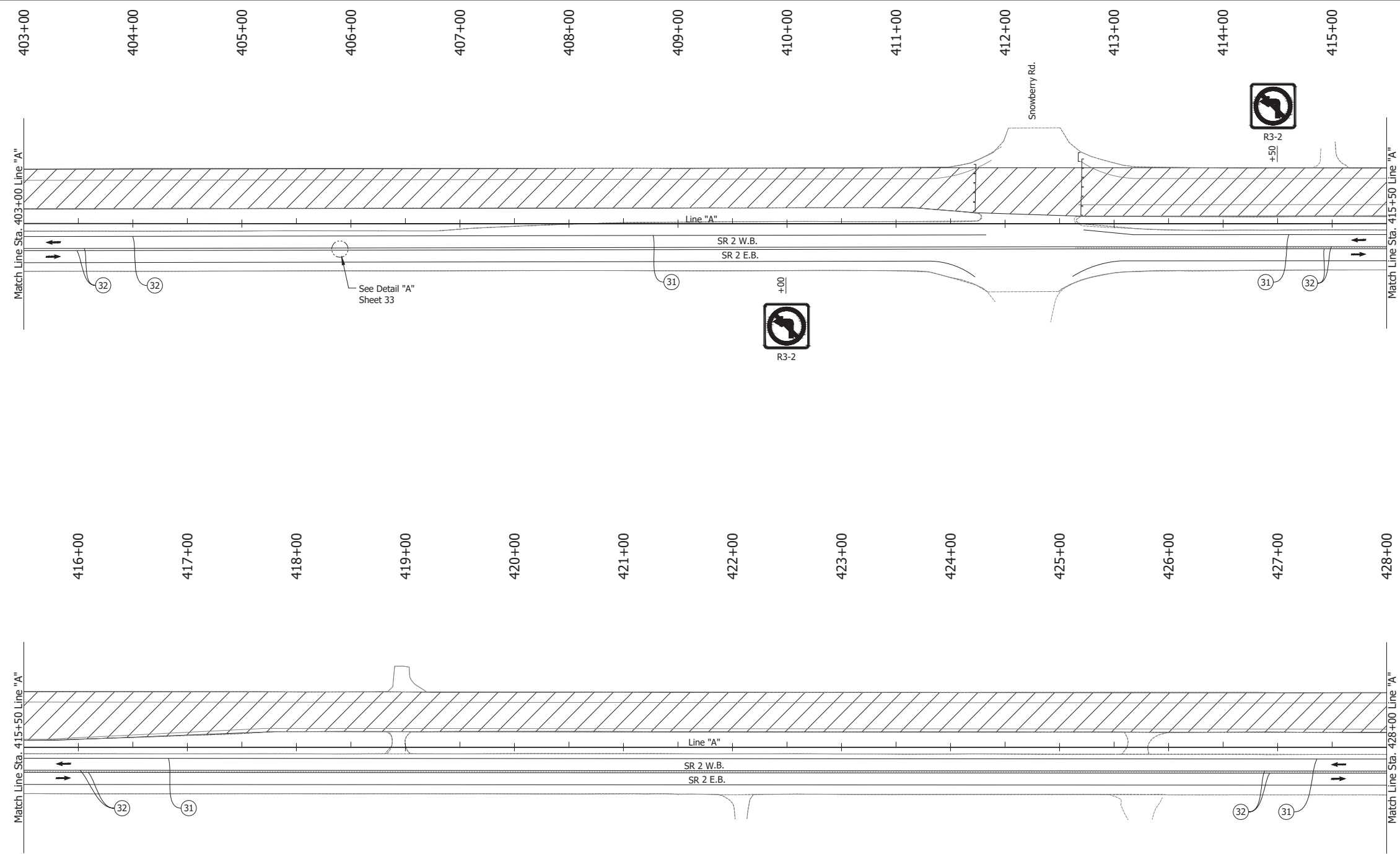


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - (51) Temporary Traffic Barrier, Type 2
  - (52) Energy Absorbing Terminal, CZ, TL-3
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	77 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT\_Plan\_P2b.dwg - (MOT Phase 2b) (89)

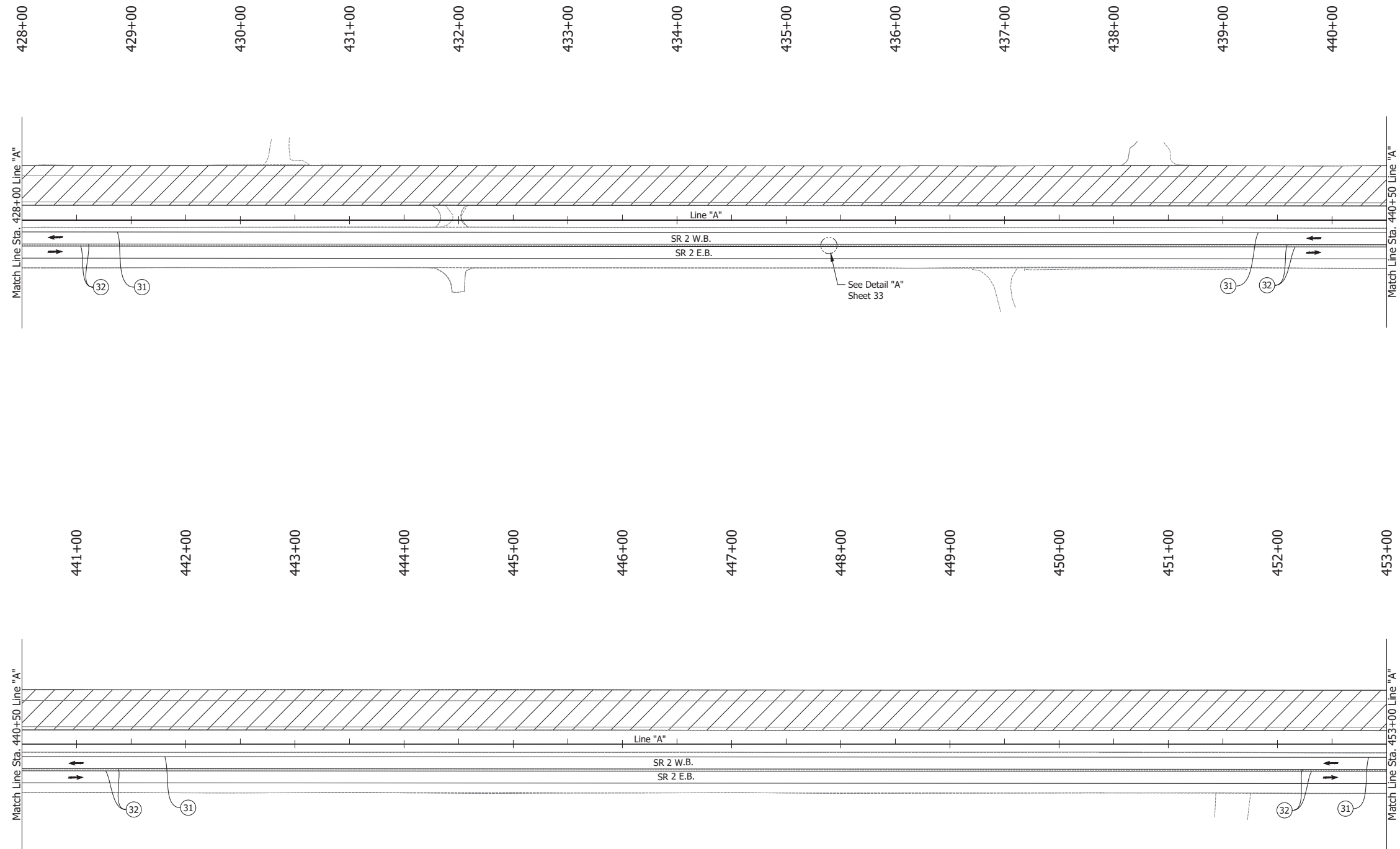


- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - ↔ Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	78 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT\_Plan\_P2b.dwg - (MOT Phase 2b (09))



**LEGEND:**

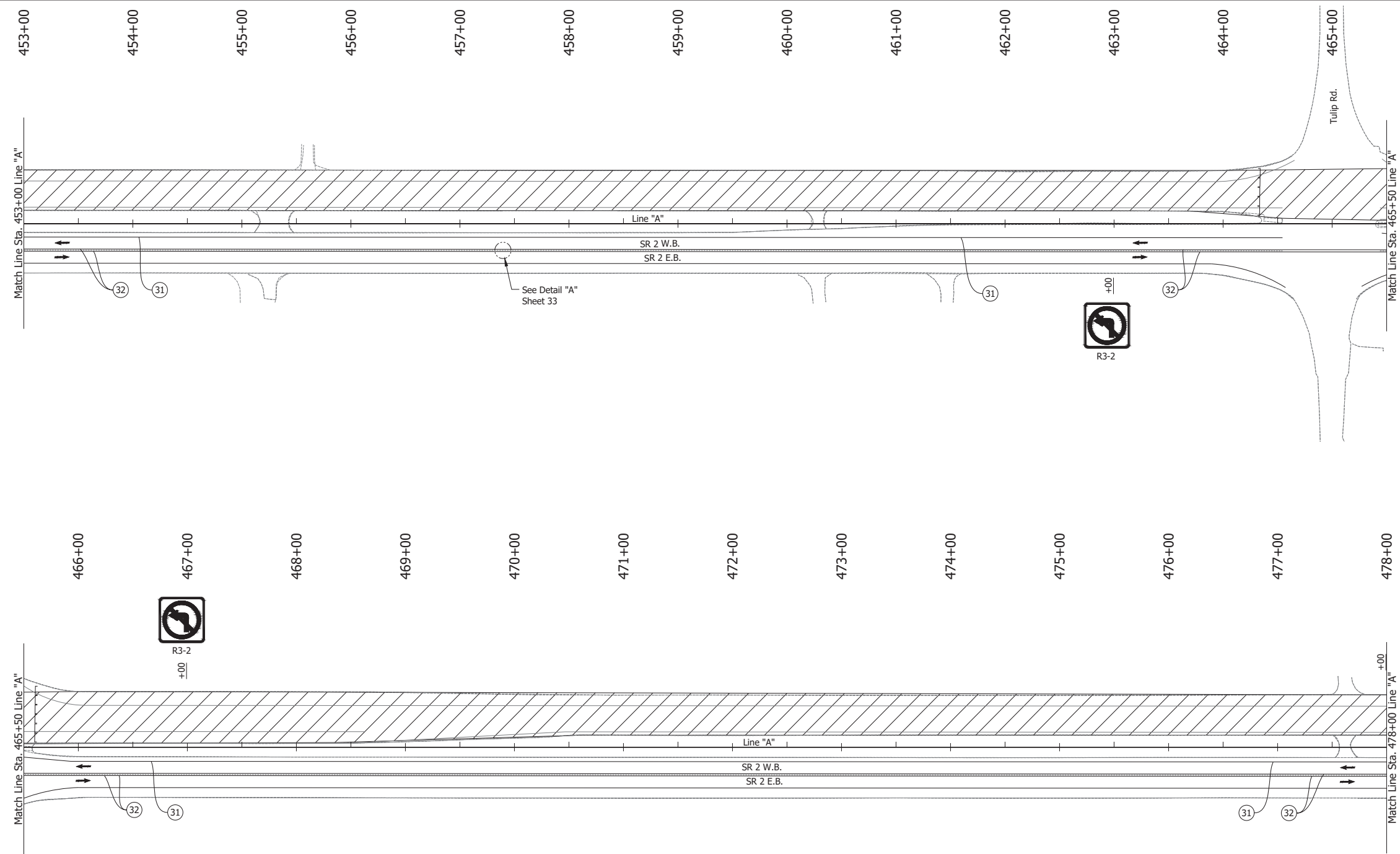
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Traffic Flow
- Line, Remove
- ▨ Construction Area
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	79 of 321
			CONTRACT	PROJECT
			R-42444	1900177

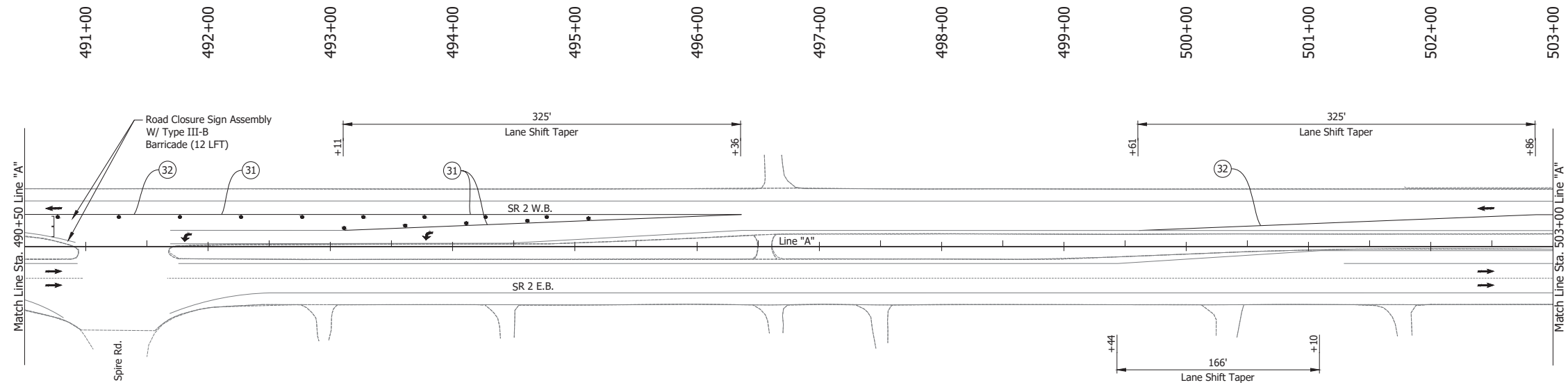
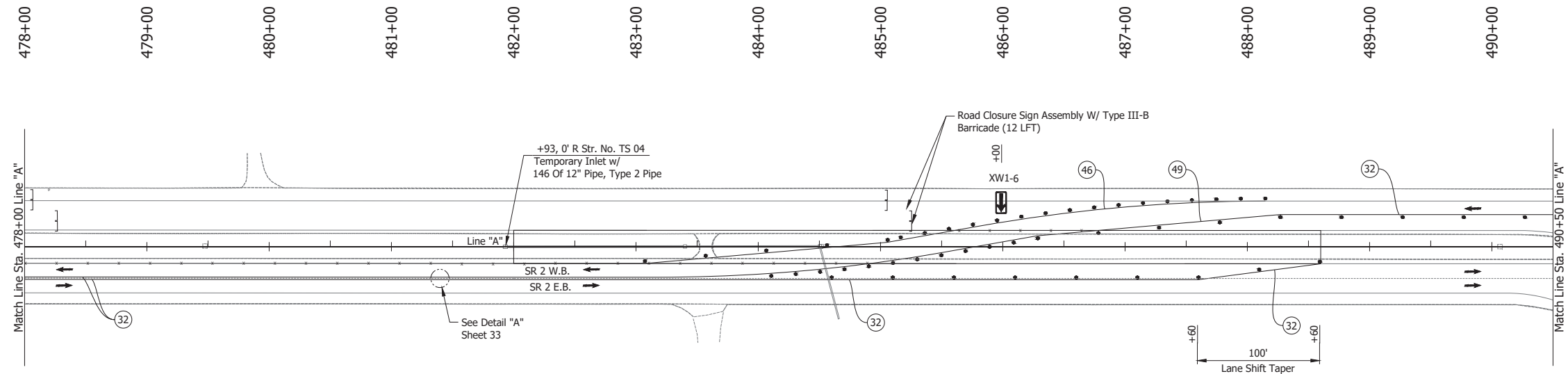
Date: Jun 23, 2023, 1:16pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR2\_MOT\_Plan\_P2b.dwg (MOT Phase 2b (10))



- LEGEND:**
- 31 Temporary Pavement Marking, Solid, White, 4 in., Removable
  - 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - Tubular Marker

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections
  3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	80 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**LEGEND:**

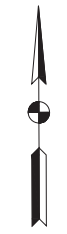
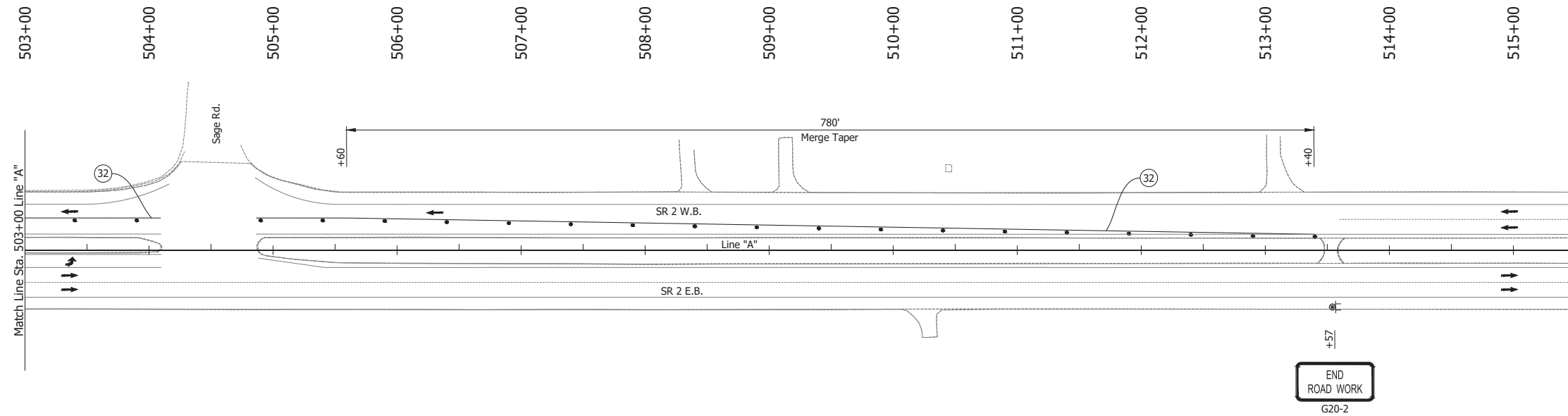
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- (46) Temporary Pavement Marking, Solid, White, 8 in., Removable
- (49) Temporary Pavement Marking, Solid, Yellow, 8 in., Removable
- Barrels
- Traffic Flow
- ☒ Construction Sign
- Line, Remove
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:16pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_RD\_MOT Plans PH2b.dwg - (MOT Phase 2b (11))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>MAINTENANCE OF TRAFFIC PHASE 2B</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE N/A SURVEY BOOK ELECTRONIC CONTRACT R-42444	BRIDGE FILE N/A DESIGNATION 1900177 SHEET 81 of 321 PROJECT 1900177
DESIGNED: JAG CHECKED: WBF	DRAWN: BJS CHECKED: WBF		



**LEGEND:**

- 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- Traffic Flow
- Construction Sign

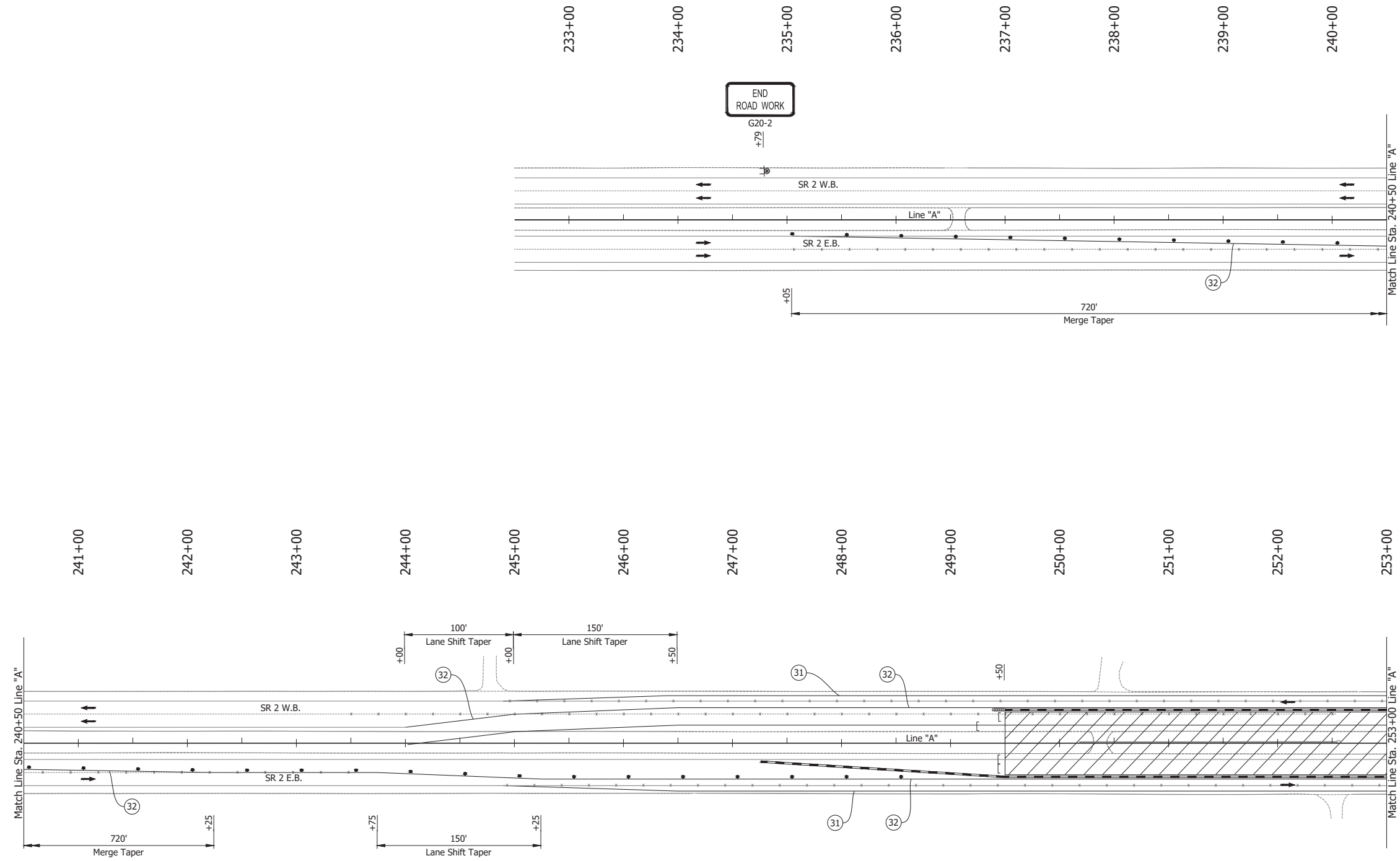
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:16pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Phase 2b.dwg (MOT Phase 2b (12))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE N/A	BRIDGE FILE N/A DESIGNATION 1900177
DESIGNED: JAG      DRAWN: BJS CHECKED: WBF      CHECKED: WBF	<b>MAINTENANCE OF TRAFFIC PHASE 2B</b>	SURVEY BOOK ELECTRONIC CONTRACT R-42444	SHEET 82 of 321 PROJECT 1900177

Date: Jun 23, 2023, 1:16pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\_MOT\_Phase 2c (01).dwg



**LEGEND:**

- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- Traffic Flow
- ⊕ Construction Sign
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B
- Tubular Marker

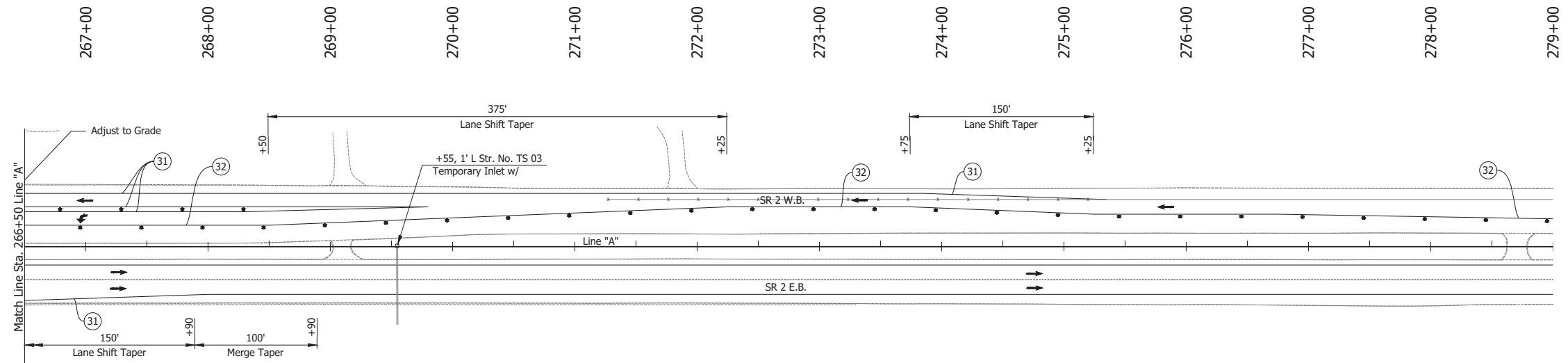
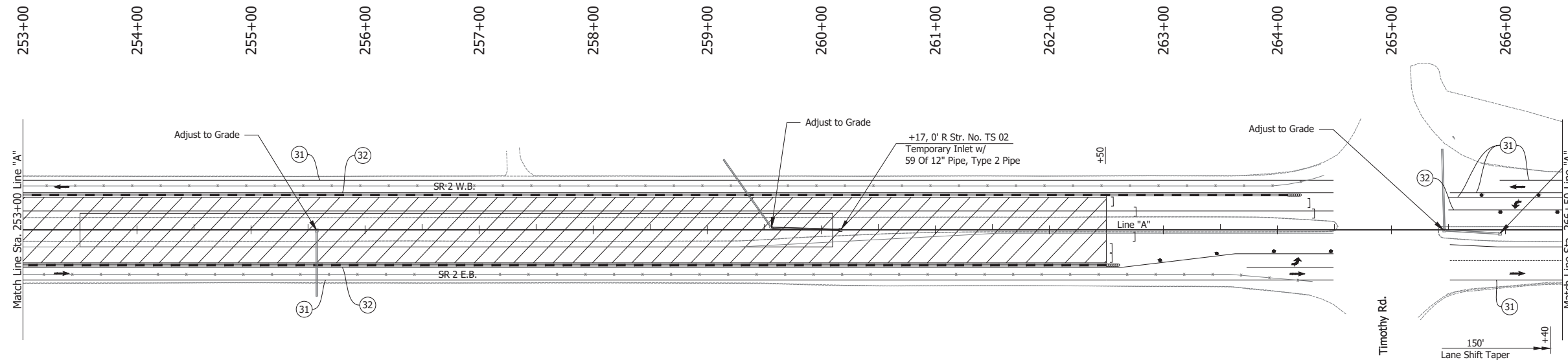
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections
3. Tubular Marker = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER		DATE	
	DESIGNED: JAG	DRAWN: BJS		
CHECKED: WBF	CHECKED: WBF			

INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
MAINTENANCE OF TRAFFIC PHASE 2C		VERTICAL SCALE N/A	DESIGNATION 1900177
		SURVEY BOOK ELECTRONIC	SHEET 83 of 321
		CONTRACT R-42444	PROJECT 1900177



- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊠ Construction Sign
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

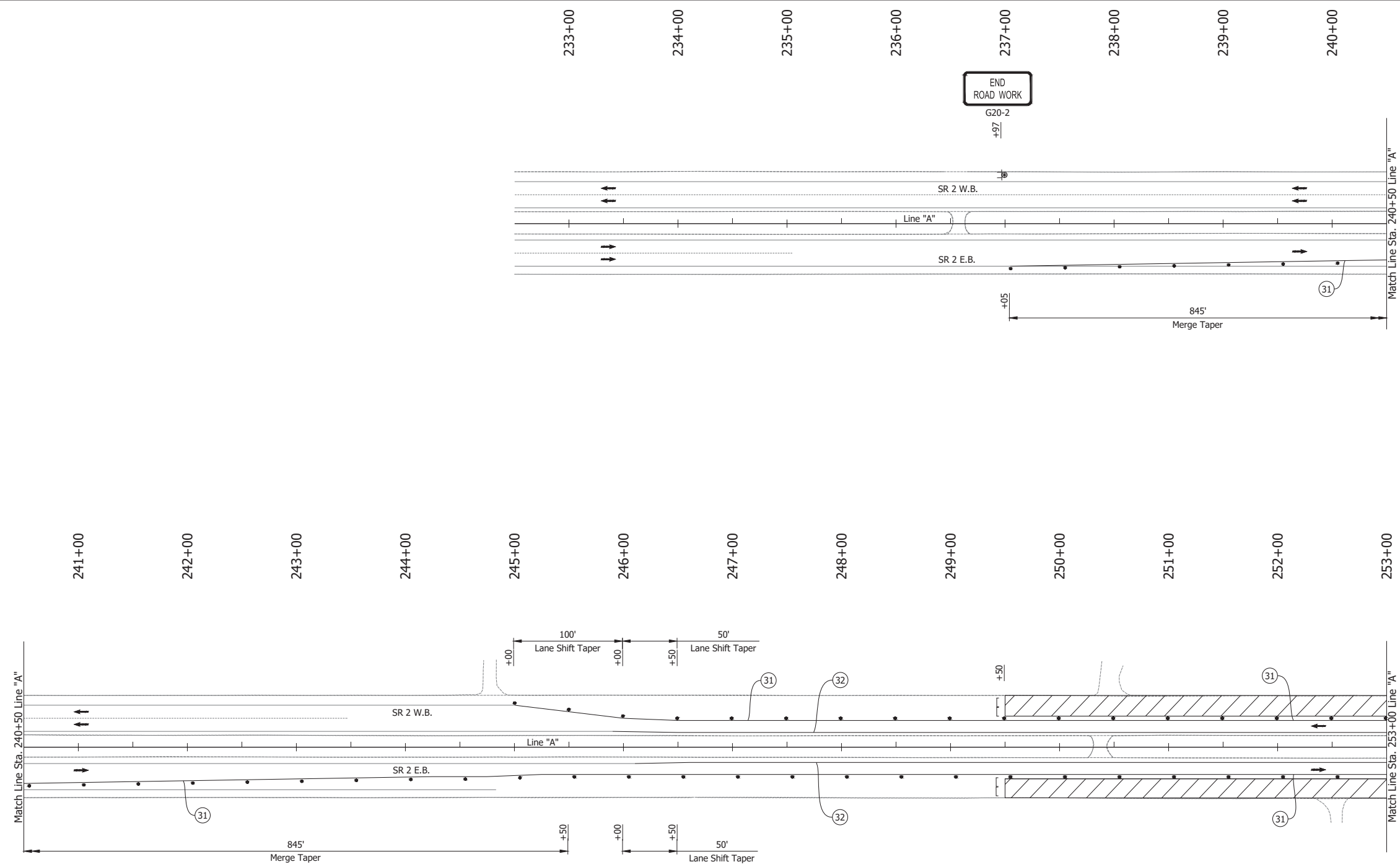
- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections
  - Tubular Marker = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:16pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan PH2c.dwg (MOT Phase 2c (02))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 2C		1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF			N/A	1900177
				SURVEY BOOK	SHEET
		ELECTRONIC	84 of 321		
		CONTRACT	PROJECT		
		R-42444	1900177		



Date: Jun 23, 2023, 1:17pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SR2\_MOT\_Plan\_PHS2.dwg - (MOT Phase 2d (01))

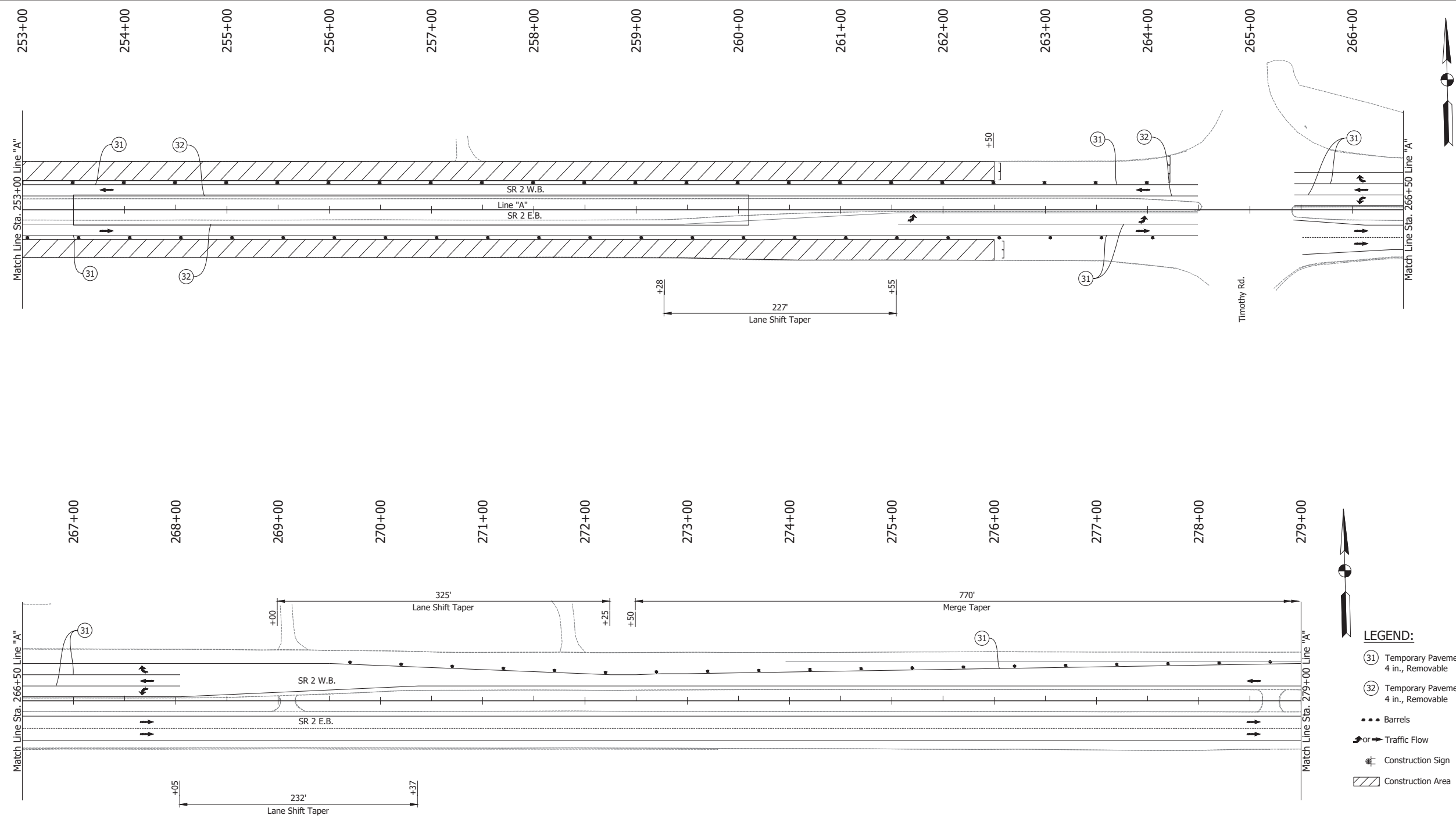


- LEGEND:**
- 31 Temporary Pavement Marking, Solid, White, 4 in., Removable
  - 32 Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE	
			1" = 50'	N/A	
DESIGNED: JAG	DRAWN: BJS	VERTICAL SCALE		DESIGNATION	
CHECKED: WBF	CHECKED: WBF	N/A		1900177	
MAINTENANCE OF TRAFFIC PHASE 2D		SURVEY BOOK	SHEET		
		ELECTRONIC	85	of 321	
		CONTRACT	PROJECT		
		R-42444	1900177		

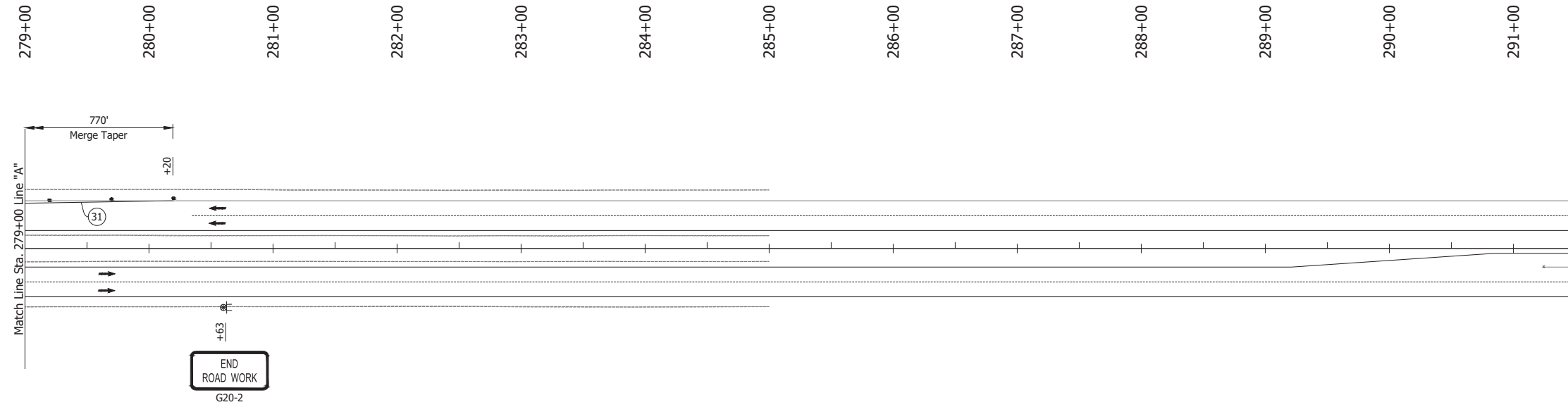
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 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan\_PHS2.dwg - (MOT Phase 2d (02))



- LEGEND:**
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
  - (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊕ Construction Sign
  - ▨ Construction Area

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 2D	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	86 of 321
			CONTRACT	PROJECT
			R-42444	1900177



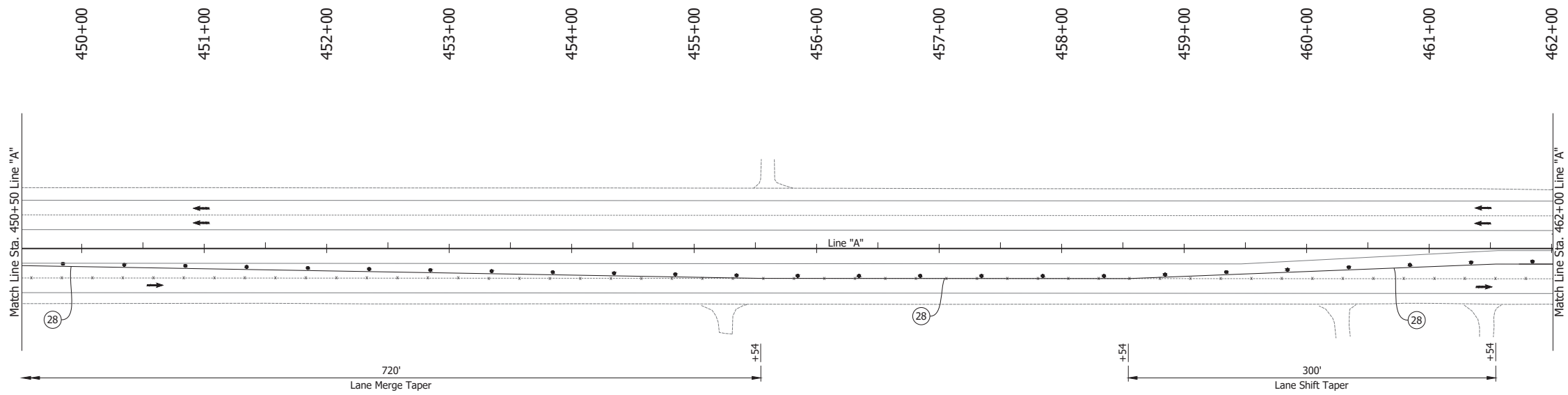
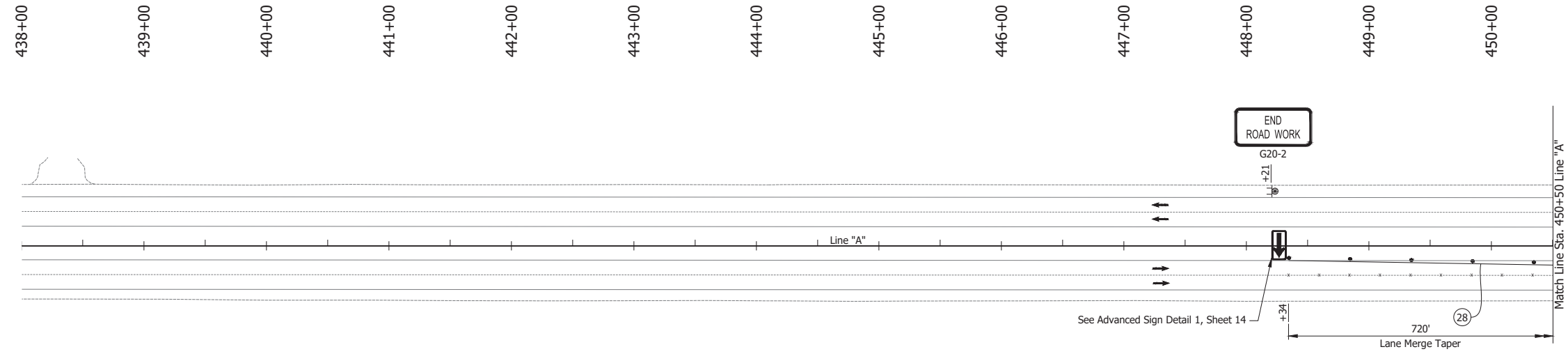
- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ⊞ Construction Sign
  - ▨ Construction Area

- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:17pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\RD\04\CAD\Plans\SHL\_RD\_MOT\_Plans\_P192.dwg - (MOT Phase 2d (03))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: _____ SFM	DRAWN: _____ RHK	MAINTENANCE OF TRAFFIC PHASE 2D	VERTICAL SCALE	DESIGNATION
CHECKED: _____ WBF	CHECKED: _____ WBF		----	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	87 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munise  
 File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SHL\_RD\_MOT Plans PH3a.dwg (MOT Phase 3a (0))



**LEGEND:**

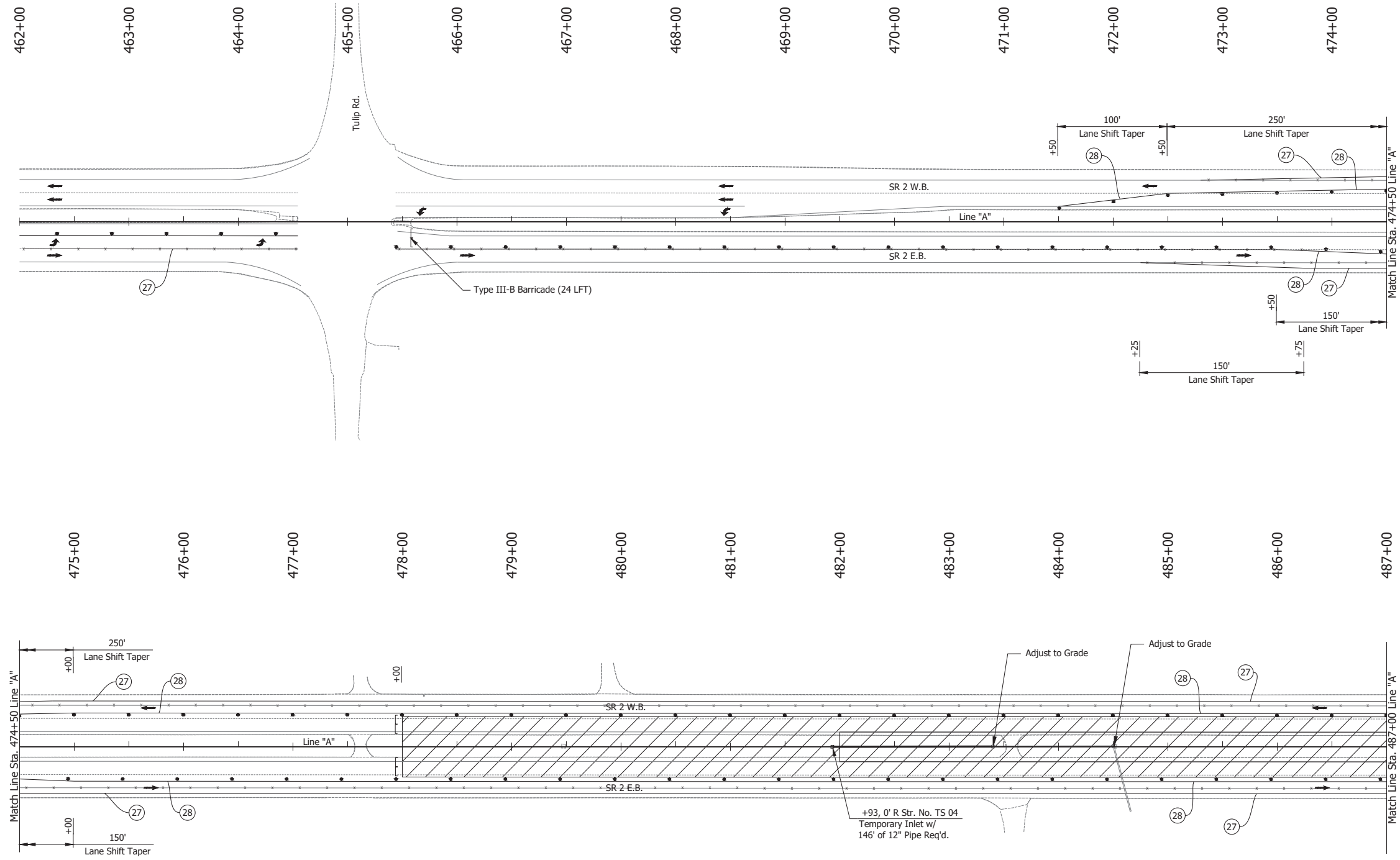
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- ⊠ Construction Sign
- Line, Remove
- ▨ Construction Area
- ] Barricade, Type III-B
- Tubular Marker

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	88 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\SR2\_MOT\_Phase 3a.dwg (MOT Phase 3a (1))

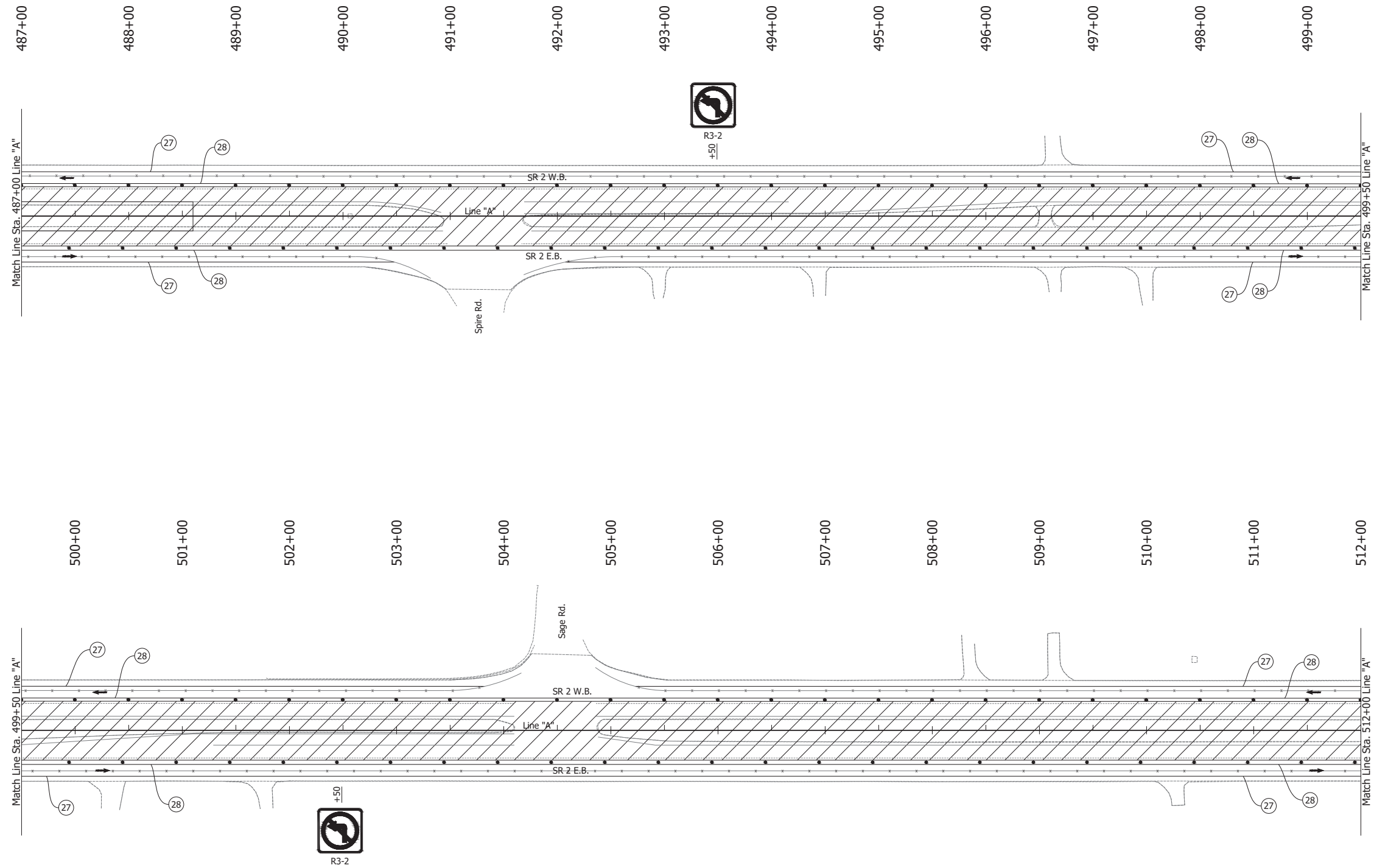


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Barrels
  - or ← Traffic Flow
  - Line, Remove
  - ▨ Construction Area
  - ] Barricade, Type III-B

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
		MAINTENANCE OF TRAFFIC PHASE 3A		VERTICAL SCALE N/A	DESIGNATION 1900177
DESIGNED: JAG	DRAWN: BJS			SURVEY BOOK	SHEET
CHECKED: WBF	CHECKED: WBF			ELECTRONIC	89 of 321
				CONTRACT R-42444	PROJECT 1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan\_PHSa.dwg (MOT Phase 3a (2))



**LEGEND:**

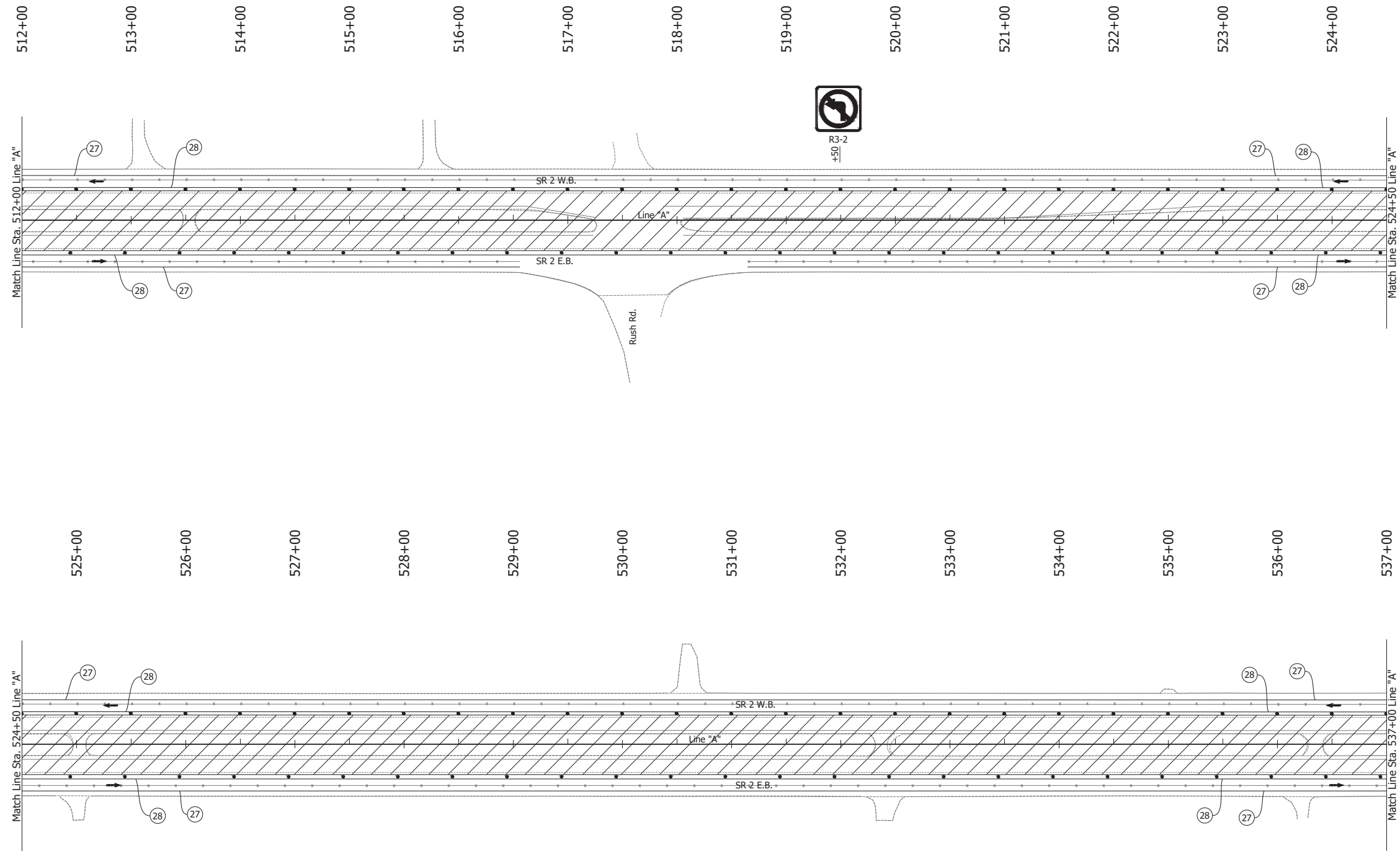
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	90 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_Rd\_MOT\_Plan\_PHA.dwg (MOT Phase 3a (3))

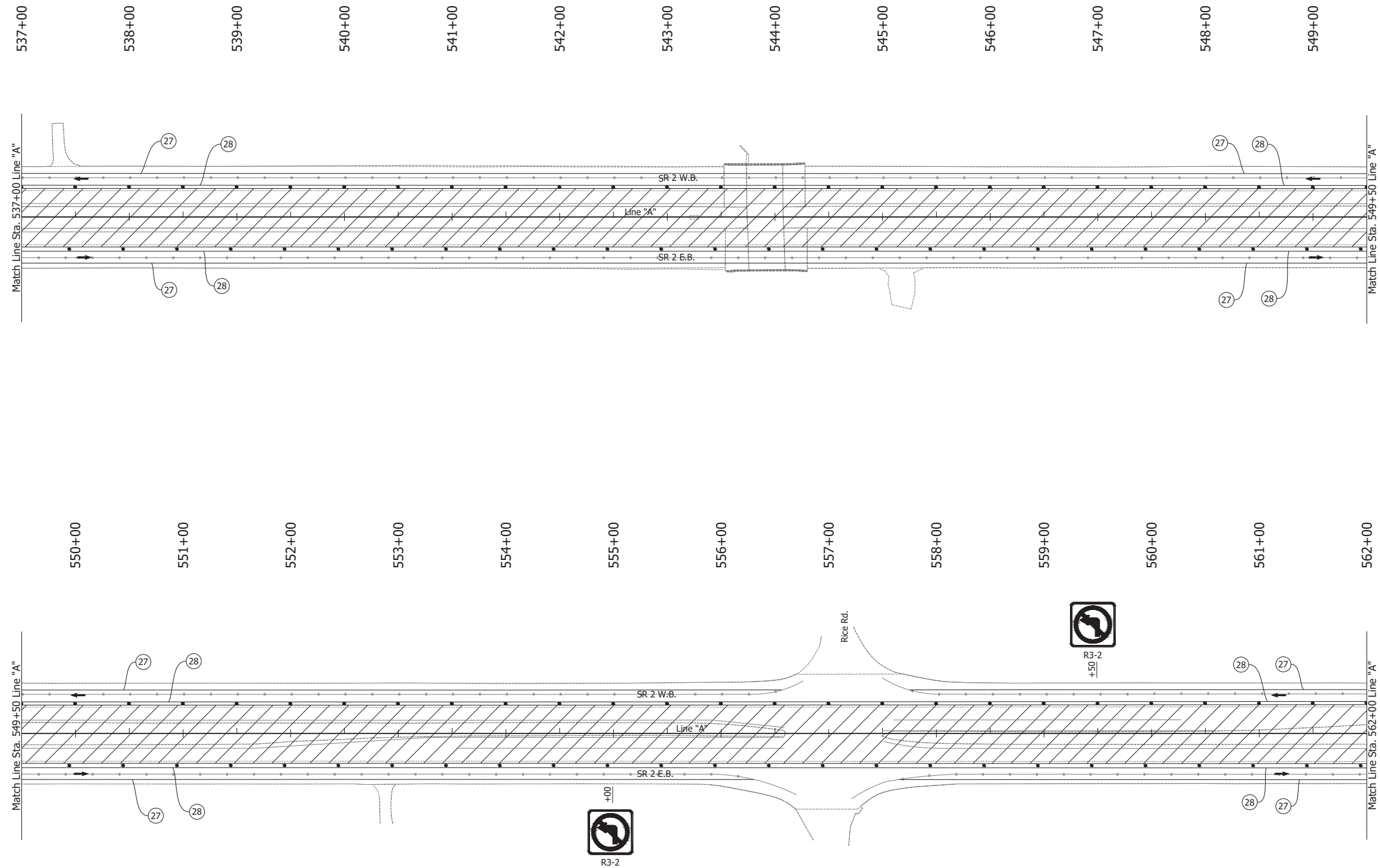


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Barrels
  - Traffic Flow
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	91 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan\_PHSa.dwg (MOT Phase 3a (4))



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

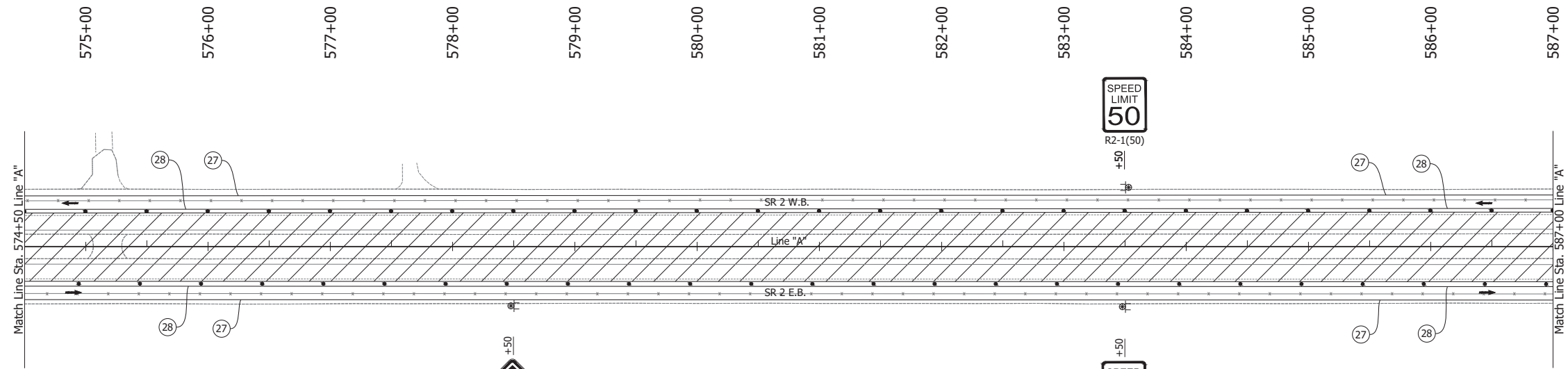
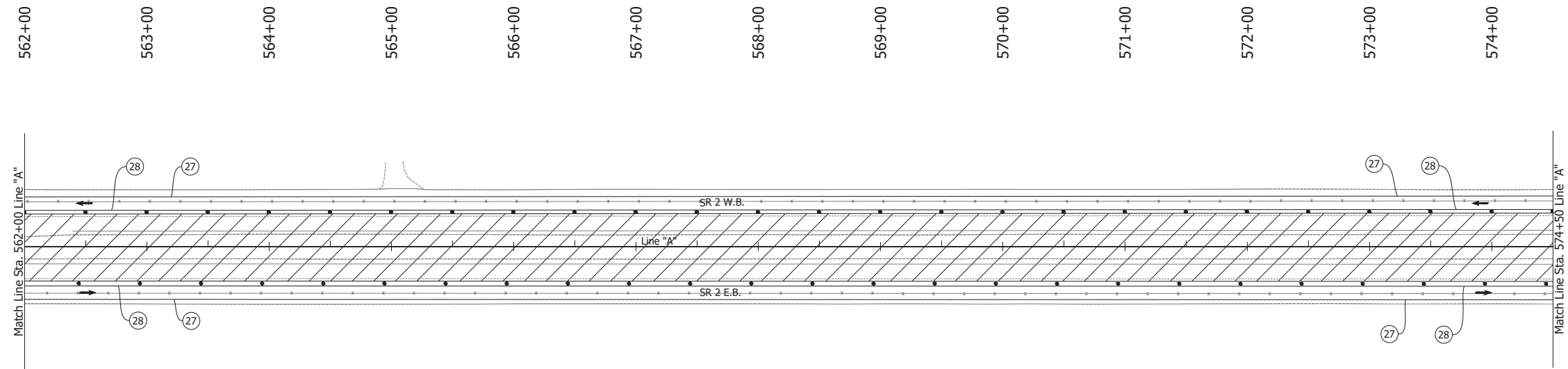
**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	92 of 321
			CONTRACT	PROJECT
			R-42444	1900177



Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PRJ\04\CAD\Plans\SR2\SR2\_MOT\_Phase 3a.dwg (MOT Phase 3a (5))



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

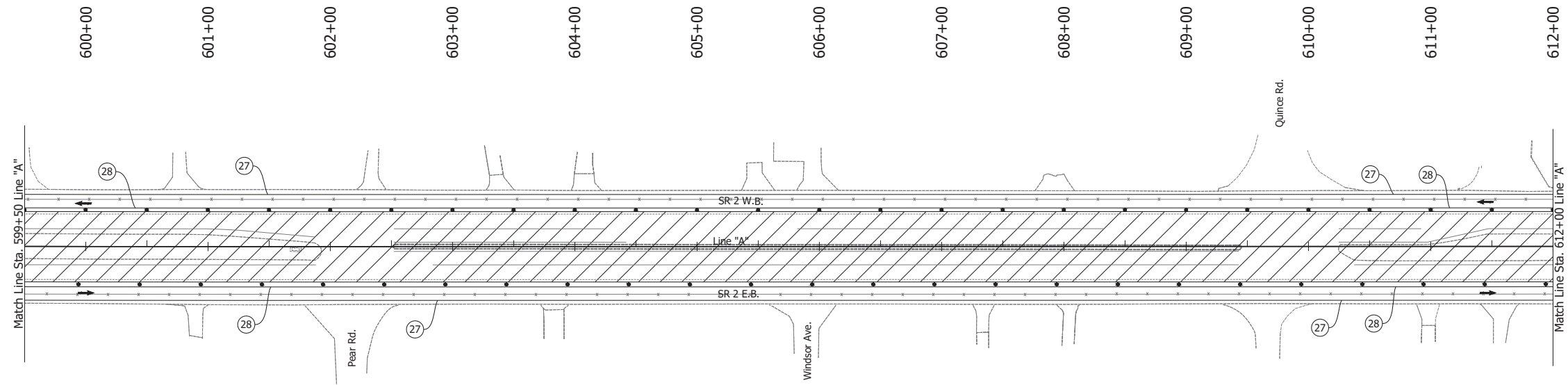
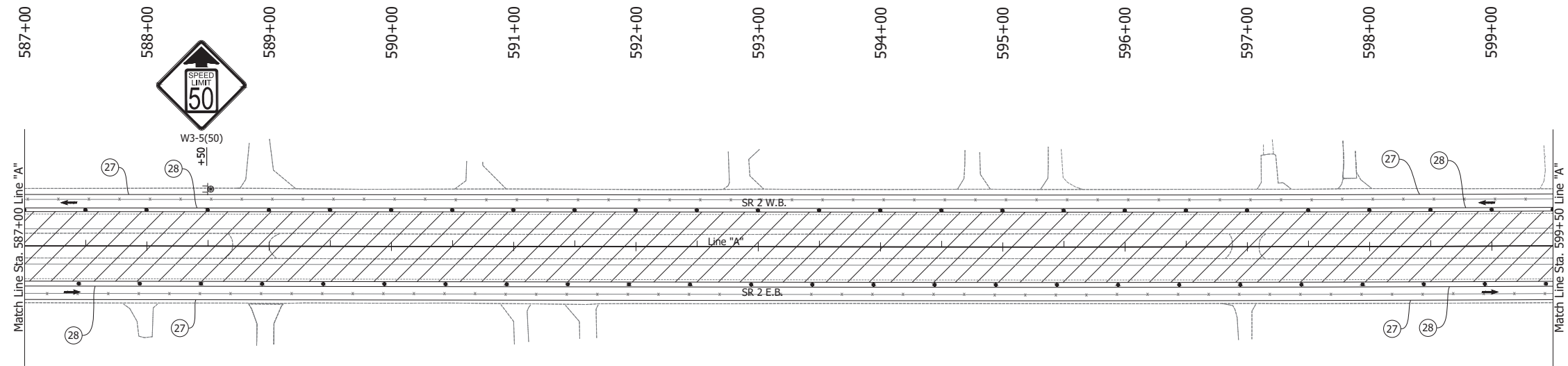
1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	93 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:18pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan\_PHSa.dwg (MOT Phase 3a (6))



**LEGEND:**

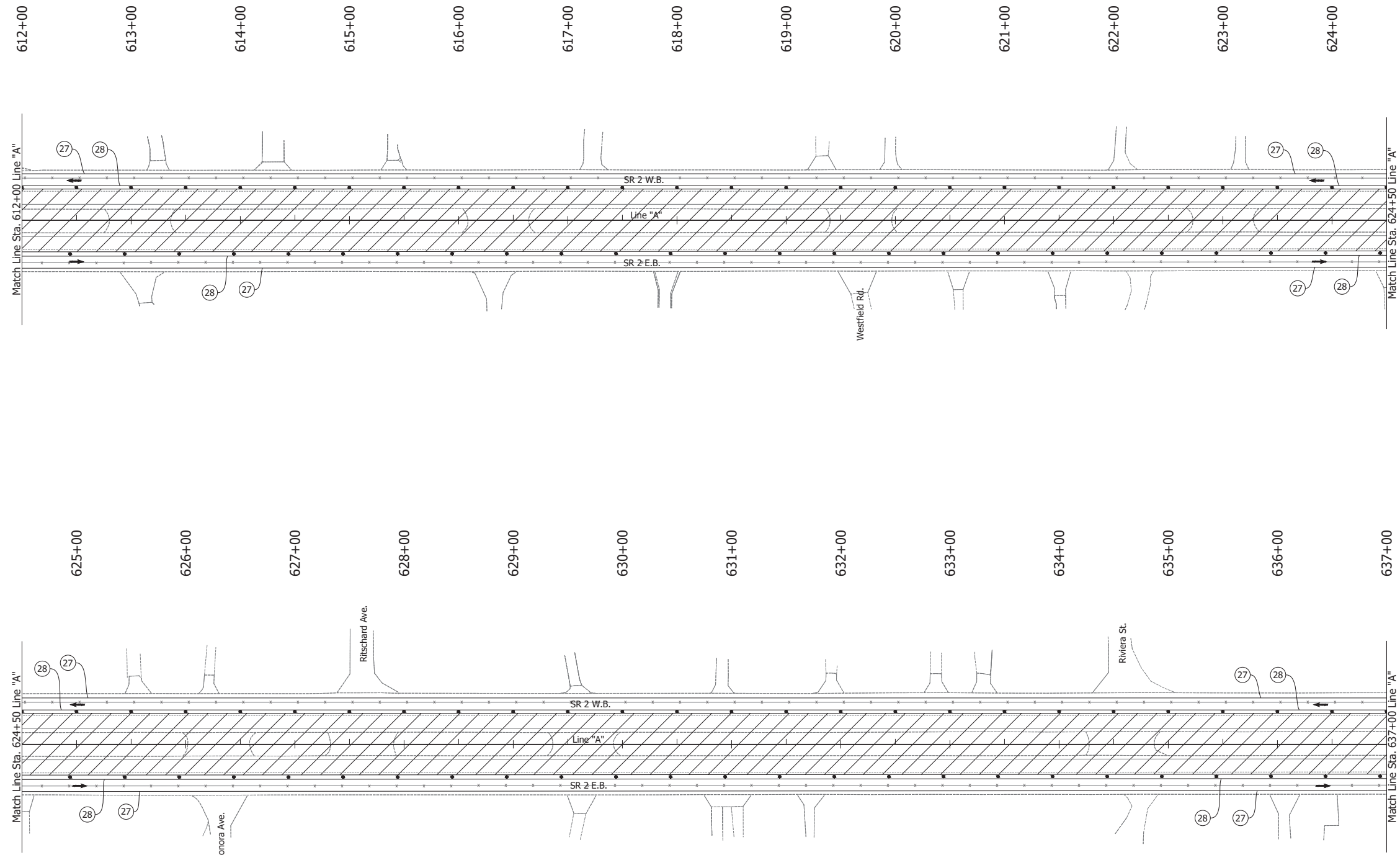
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
	MAINTENANCE OF TRAFFIC PHASE 3A		VERTICAL SCALE N/A	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC			SHEET 94 of 321	
CONTRACT R-42444			PROJECT 1900177	

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan PH3a.dwg (MOT Phase 3a (7))



**LEGEND:**

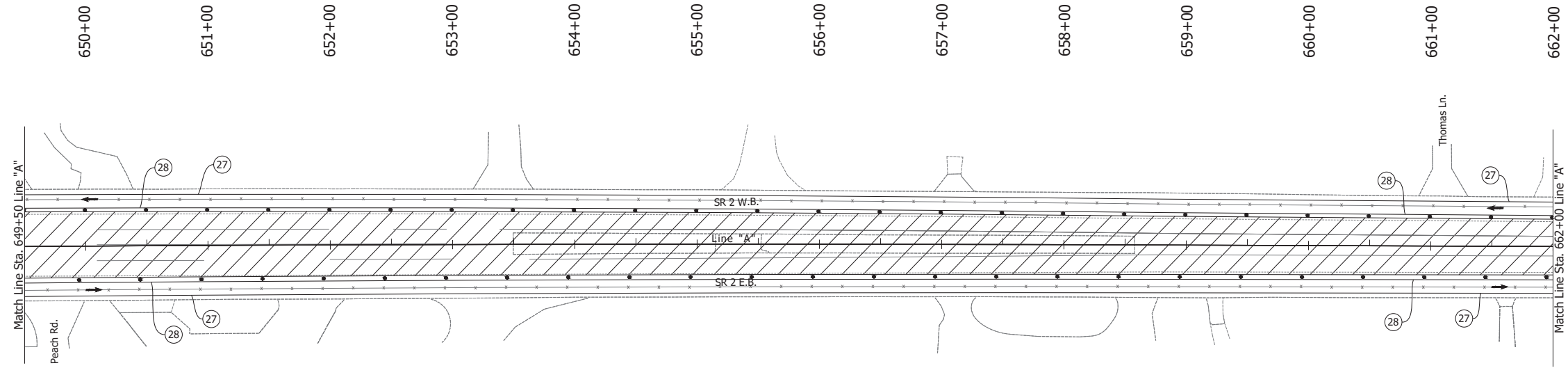
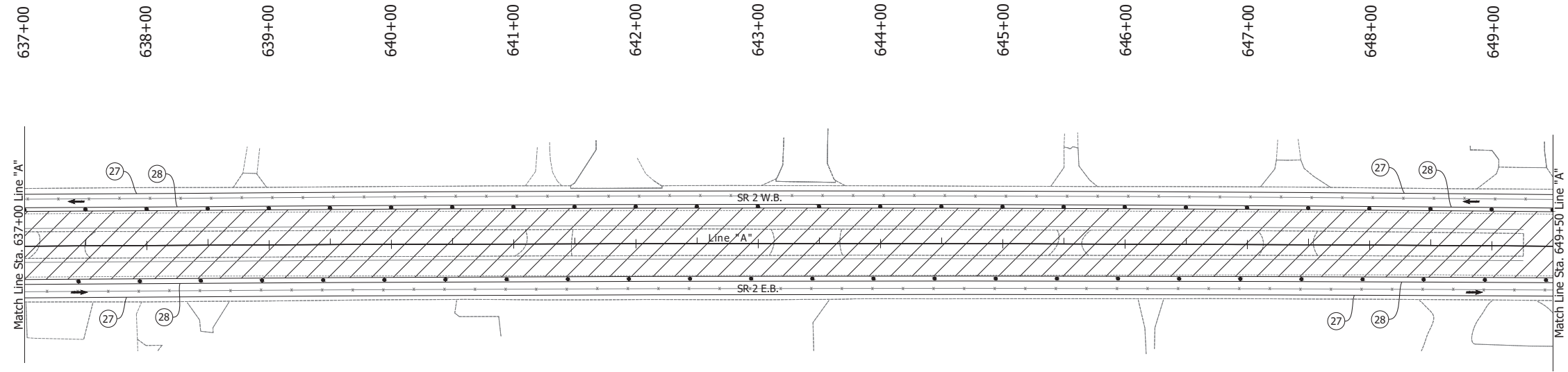
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 3A		1" = 50'	N/A
VERTICAL SCALE	DESIGNATION				
N/A	1900177				
SURVEY BOOK	SHEET				
DESIGNED: JAG	DRAWN: BJS	ELECTRONIC	95 of 321		
CHECKED: WBF	CHECKED: WBF	CONTRACT	PROJECT		
		R-42444	1900177		

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR\SR\_MOT\_Plans\_PHA.dwg (MOT Phase 3a (8))



**LEGEND:**

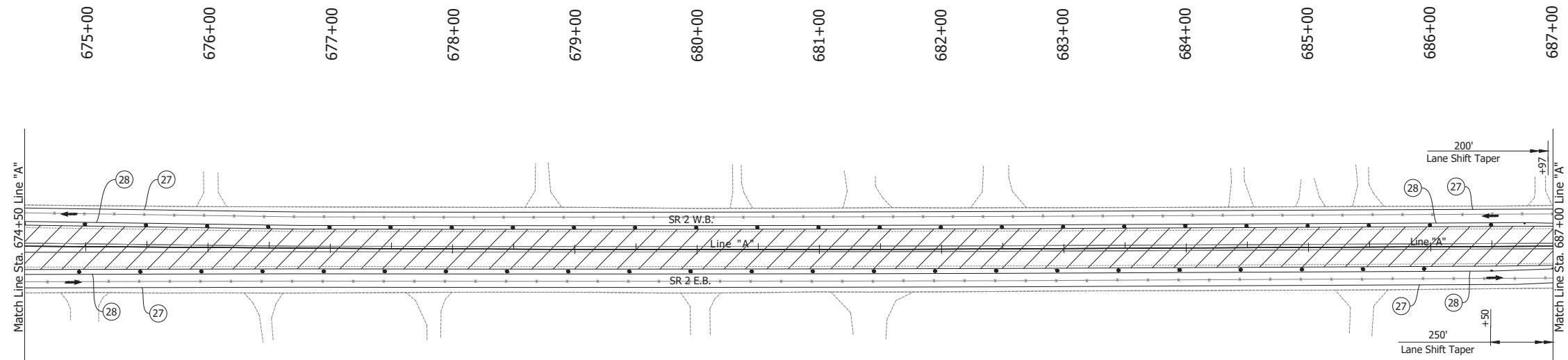
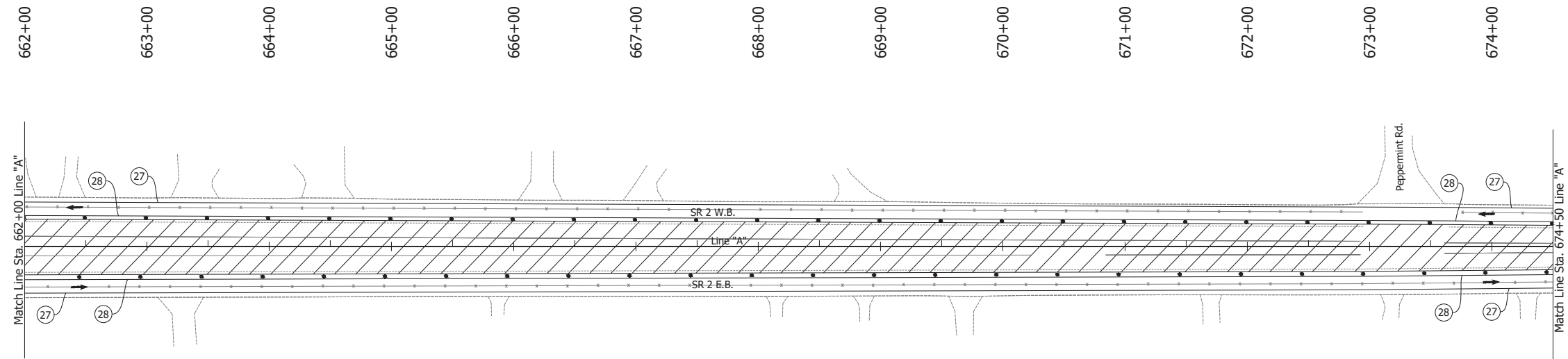
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 3A		1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS			VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF			N/A	1900177
				SURVEY BOOK	SHEET
		ELECTRONIC	96 of 321		
		CONTRACT	PROJECT		
		R-42444	1900177		

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\SR2\_MOT\_Phase 3a.dwg (MOT Phase 3a (9))

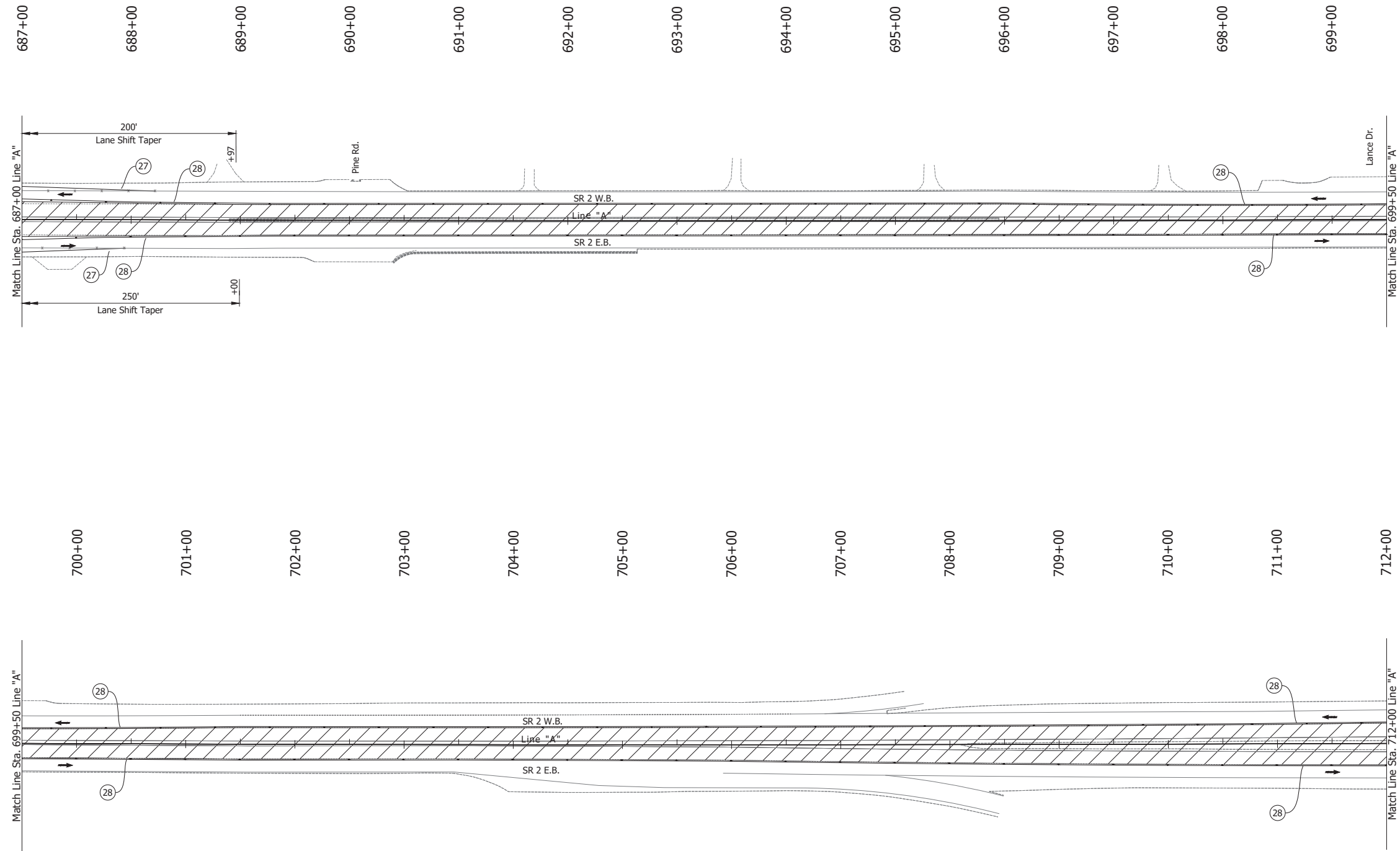


- LEGEND:**
- (27) Temporary Pavement Marking, Solid, White, 4 in.
  - (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
  - Barrels
  - or ← Traffic Flow
  - Line, Remove
  - ▨ Construction Area

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	97 of 321
			CONTRACT	PROJECT
			R-42444	1900177

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\Plans\SR2\SR2\_MOT\_Plans\_PHSa.dwg (MOT Phase 3a (10))



**LEGEND:**

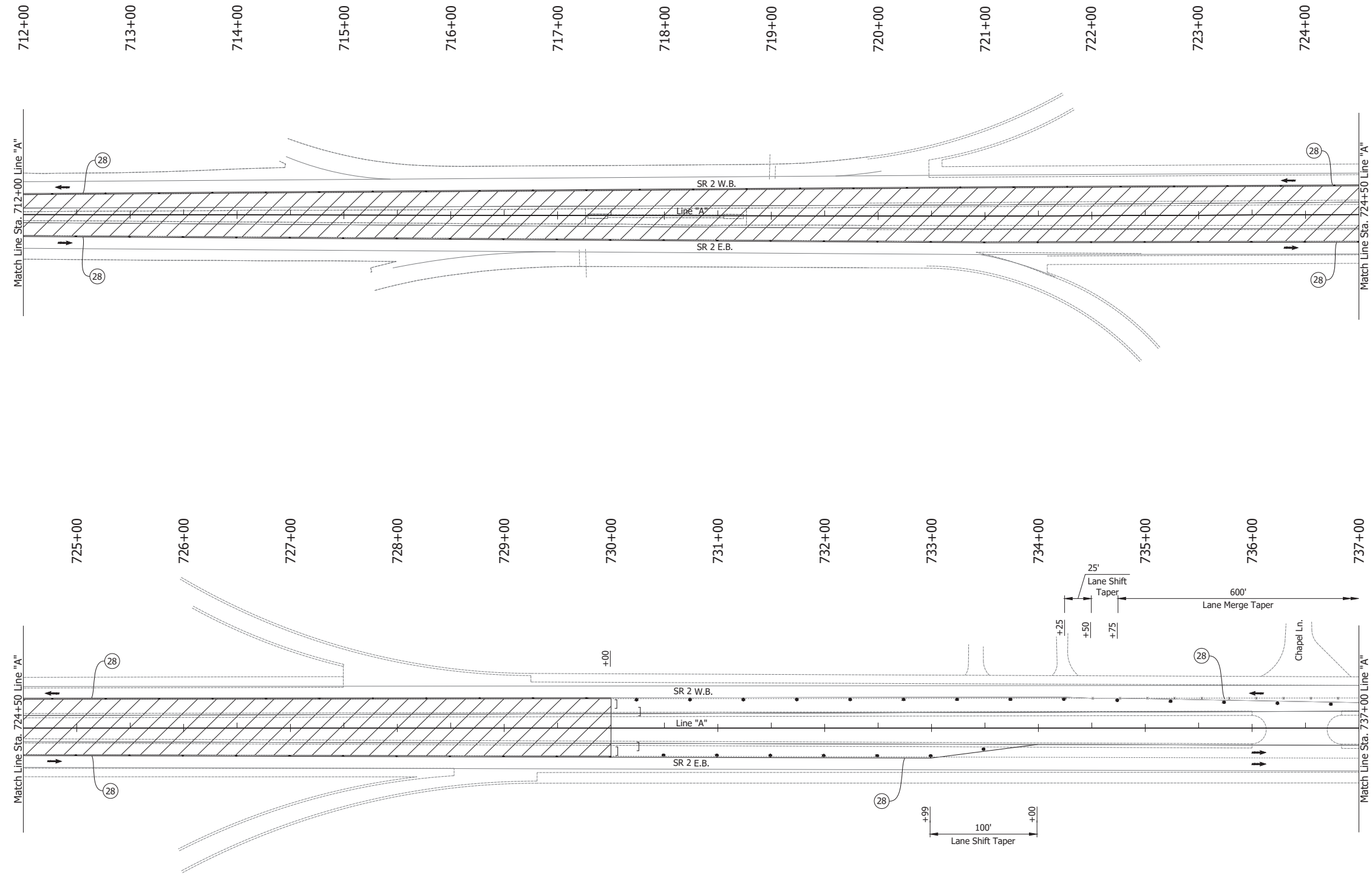
- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- ↔ or → Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
		MAINTENANCE OF TRAFFIC PHASE 3A		VERTICAL SCALE N/A	DESIGNATION 1900177
DESIGNED: JAG	DRAWN: BJS	CONTRACT R-42444		SURVEY BOOK	SHEET
CHECKED: WBF	CHECKED: WBF			ELECTRONIC	98 of 321
				PROJECT	1900177

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR\_2\_MOT\_Plan PH3a.dwg (MOT Phase 3a (1))



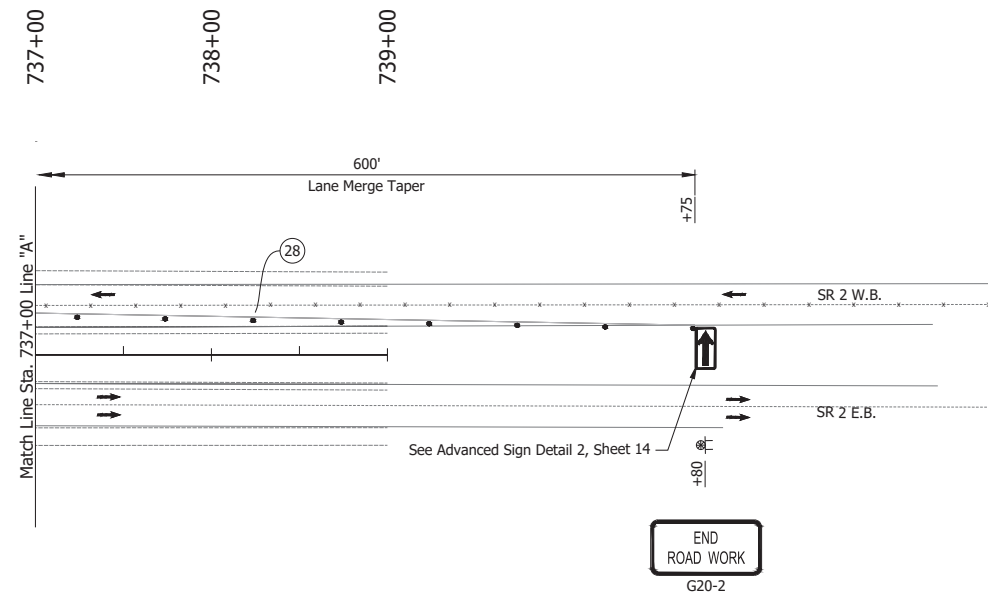
**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- or ← Traffic Flow
- Line, Remove
- ▨ Construction Area

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
		MAINTENANCE OF TRAFFIC PHASE 3A		VERTICAL SCALE N/A	DESIGNATION 1900177
DESIGNED: JAG	DRAWN: BJS	CONTRACT R-42444		SURVEY BOOK ELECTRONIC	SHEET 99 of 321
CHECKED: WBF	CHECKED: WBF			PROJECT 1900177	



**LEGEND:**

- (27) Temporary Pavement Marking, Solid, White, 4 in.
- (28) Temporary Pavement Marking, Solid, Yellow, 4 in.
- Barrels
- ↔ or → Traffic Flow
- Line, Remove
- ▨ Construction Area

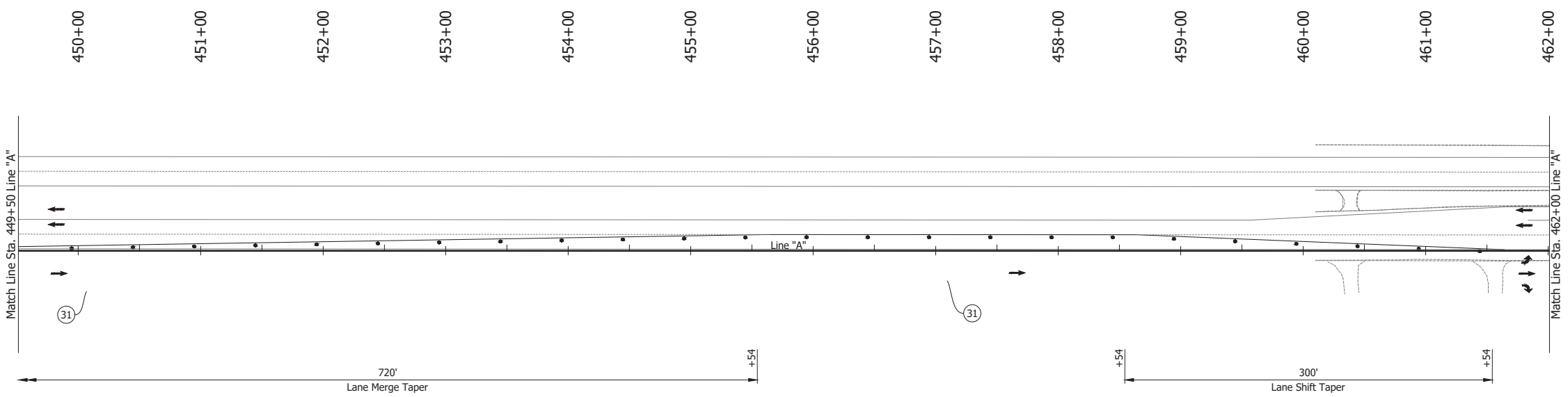
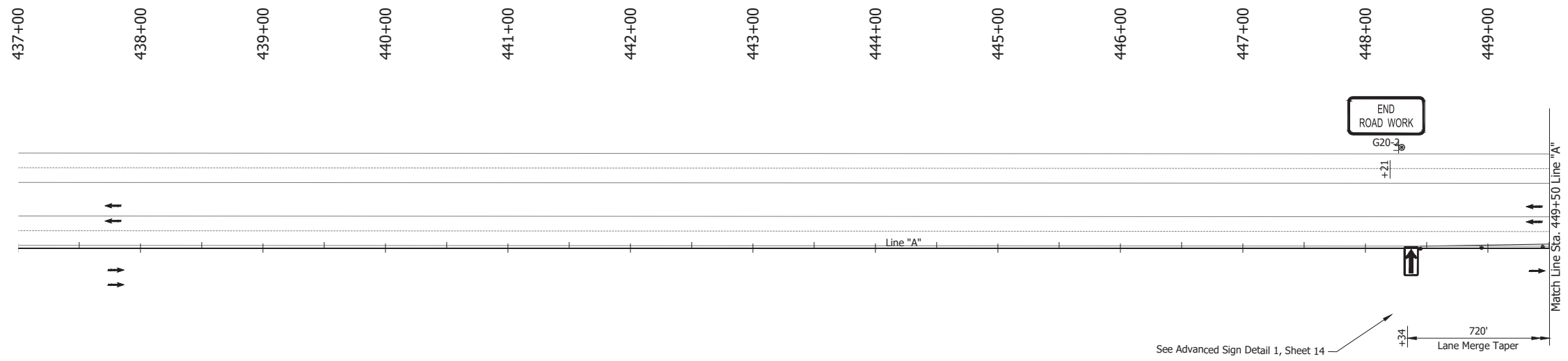
**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

Date: Jun 23, 2023, 1:19pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\Plans\SR2\_MOT Plans PH3a.dwg (MOT Phase 3a (12))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: RHK	MAINTENANCE OF TRAFFIC PHASE 3A	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	100 of 321
			CONTRACT	PROJECT
			R-42444	1900177





- LEGEND:**
- Ⓧ Temporary Pavement Marking, Solid, White, 4 in., Removable
  - Barrels
  - ↔ Traffic Flow
  - ⊞ Construction Sign
  - Line, Remove

- NOTES:**
1. Design speed = 50 mph
  2. Drum spacing = 50' on taper sections and 100' on tangent sections

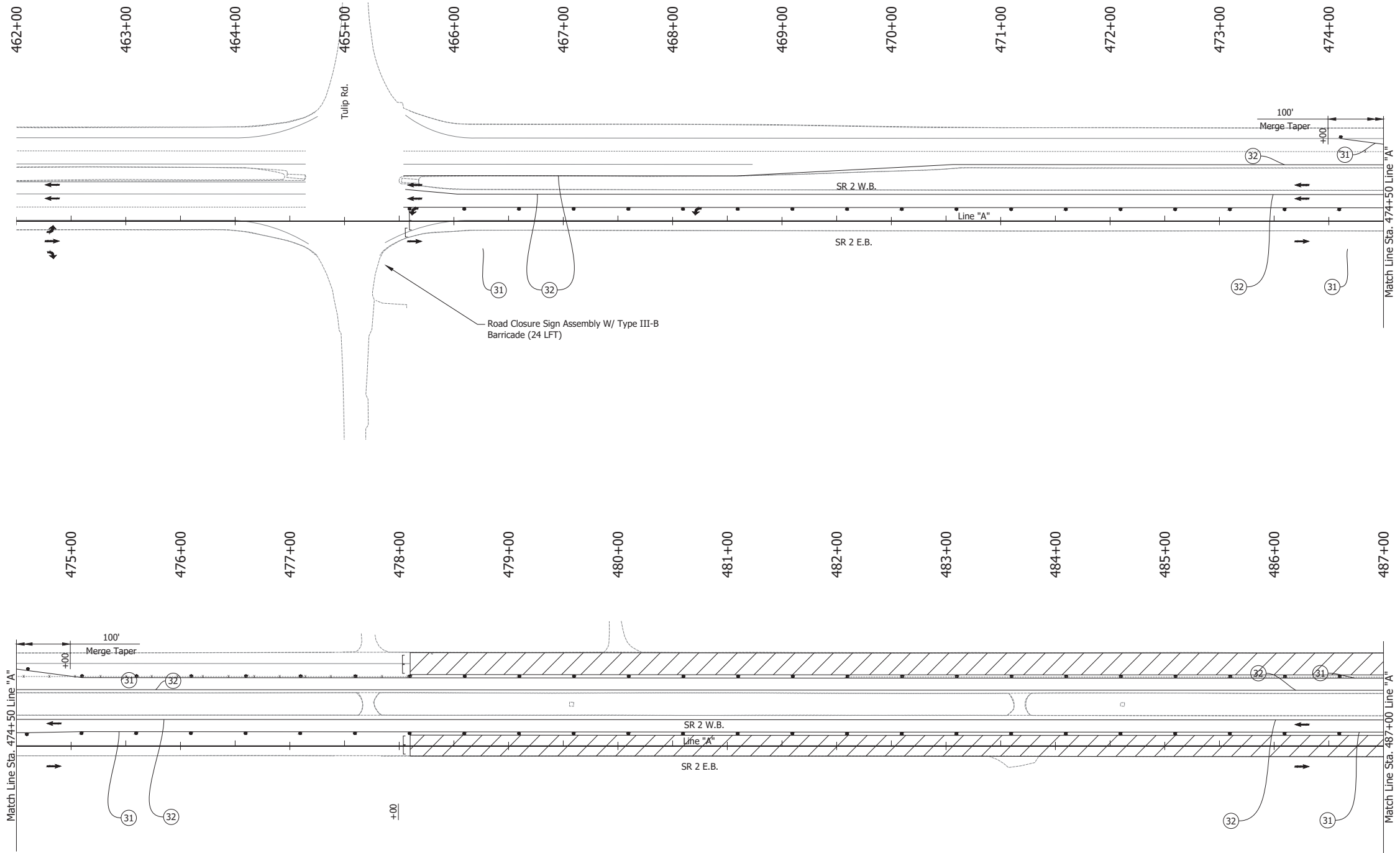
Date: Jun 23, 2023 1:26pm User Name: Sara.Munick  
 File: X:\production\files\2020\120-3001\PC\14\LD\PlanSet(SPL\_RD\_MOT)Plan\_Ph3b.dwg - (MOT Phase 3b (00))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	101	of 321
CONTRACT	PROJECT	
R-42444	1900177	



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- or ← Traffic Flow
- ▨ Construction Area
- ⊥ Barricade Type III-B

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

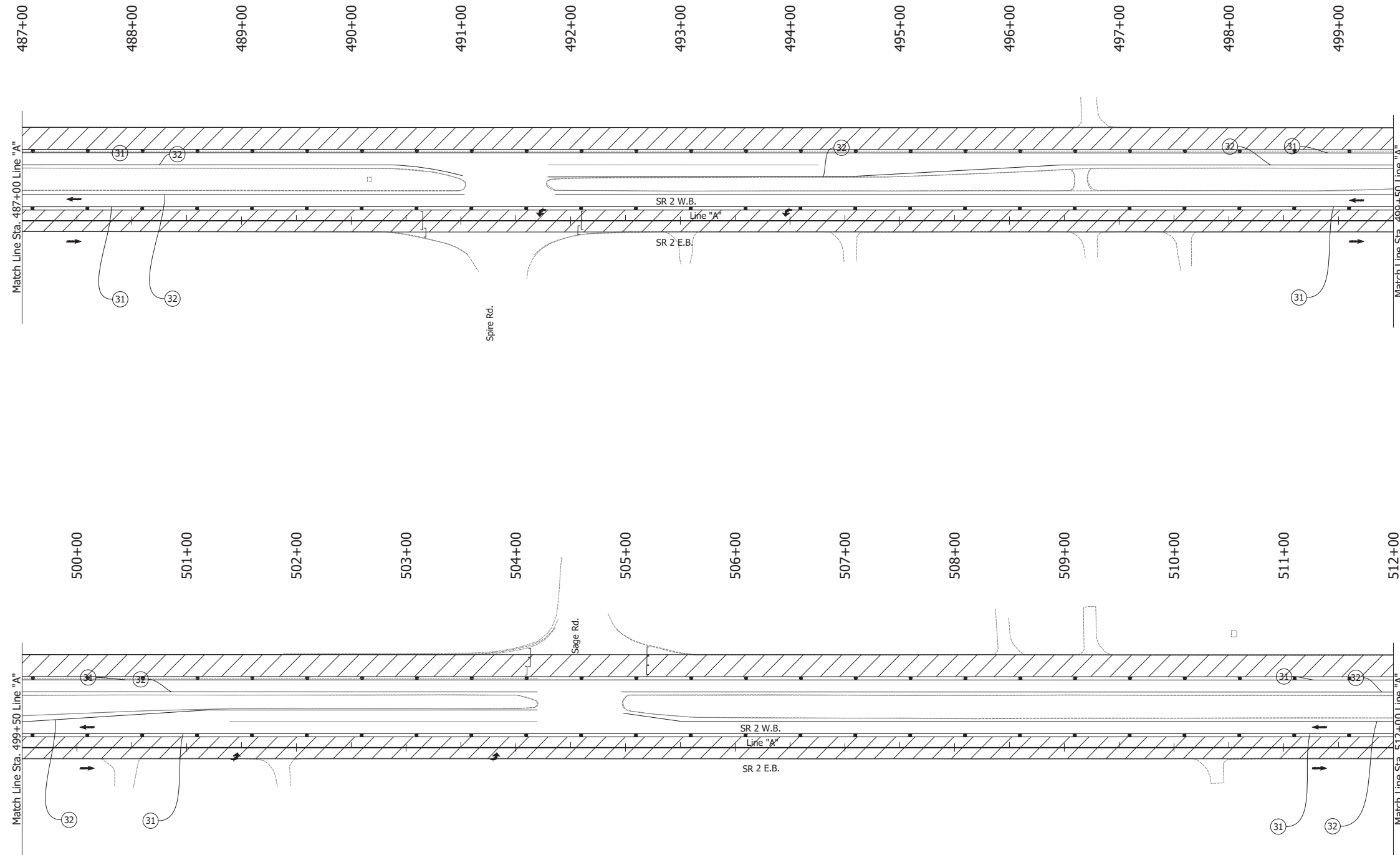
Date: Jun 23, 2023 1:26pm User Name: Sara Munsie  
 File: X:\production\files\20201220-2001\PC\14\CD\PlanSet\SR\_2\_MOT\_Phase 3B.dwg - (MOT Phase 3B (1))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 MAINTENANCE OF TRAFFIC  
 PHASE 3B

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	102 of 321
CONTRACT	PROJECT
R-42444	1900177

Date: Jun 23, 2023 1:26pm User Name: Sara Munsie  
 File: X:\production\files\2201220-3001\PC\194\CD\PlanSet\SR\_2\MDT\_Plane\_Ph3b.dwg - (MDT Phase 3b (2))



- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ Traffic Flow
  - ▨ Construction Area
  - Line, Remove

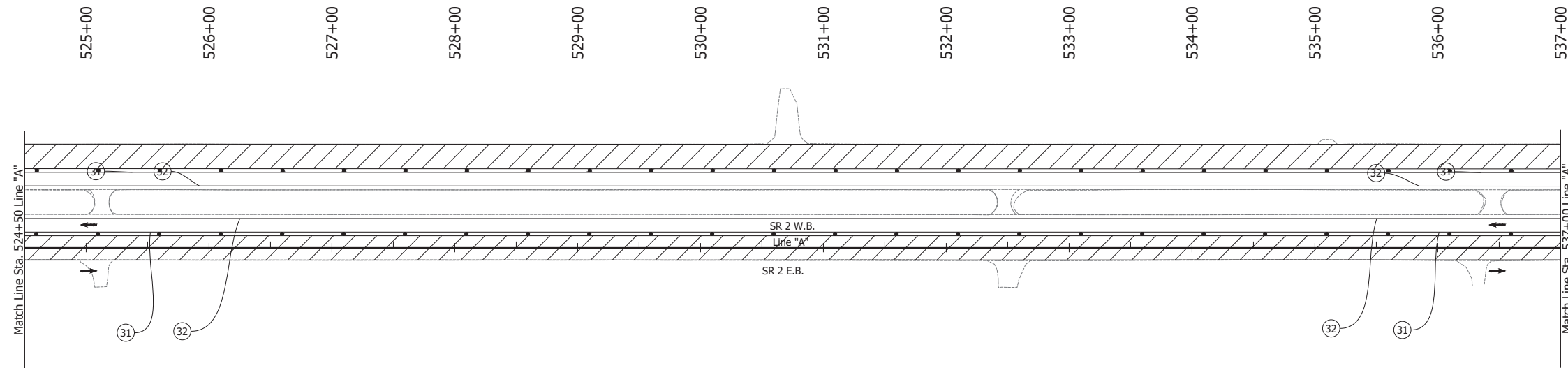
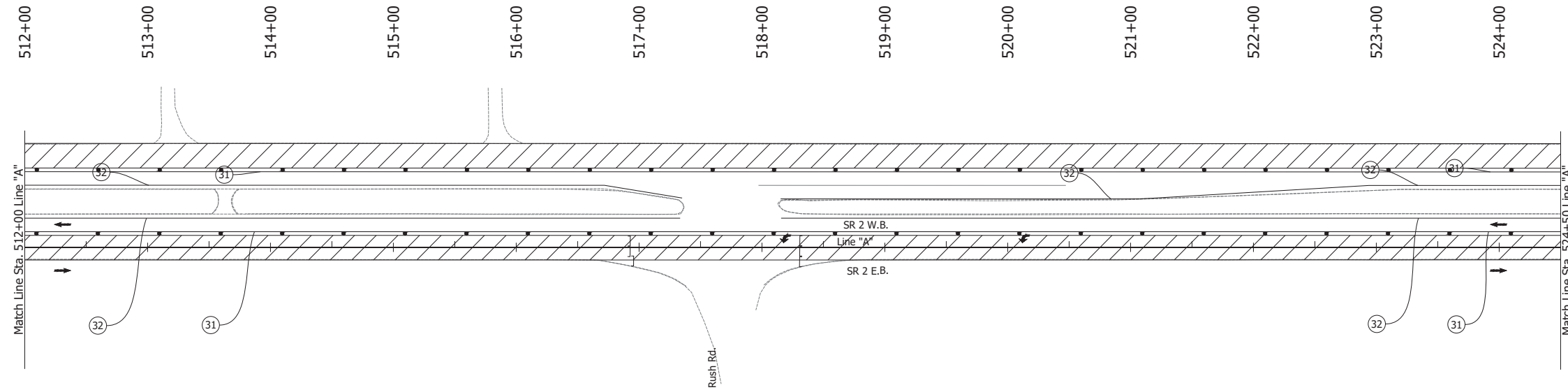
- NOTES:**
- Design speed = 50 mph
  - Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	103	of 321
CONTRACT	PROJECT	
R-42444	1900177	



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- ↔ Traffic Flow
- ▨ Construction Area
- Line, Remove

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023 1:26pm User Name: Sara.Munise  
 File: X:\production\files\2201220-3001\PC\194\CAD\Plans\Set(Sk\_Rd\_MOT)\Plan\_Ph3b.dwg - (MOT Phase 3b (03))

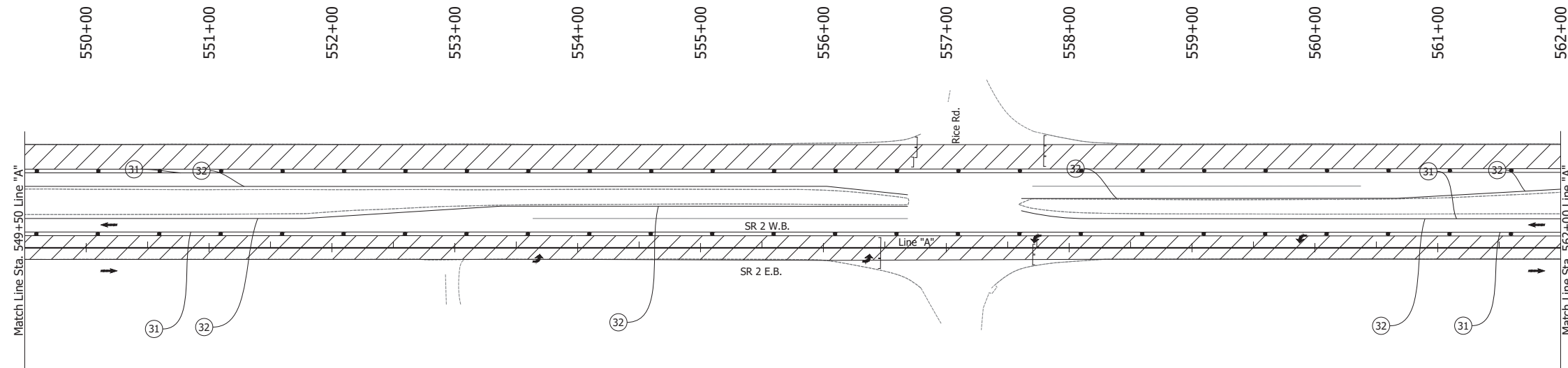
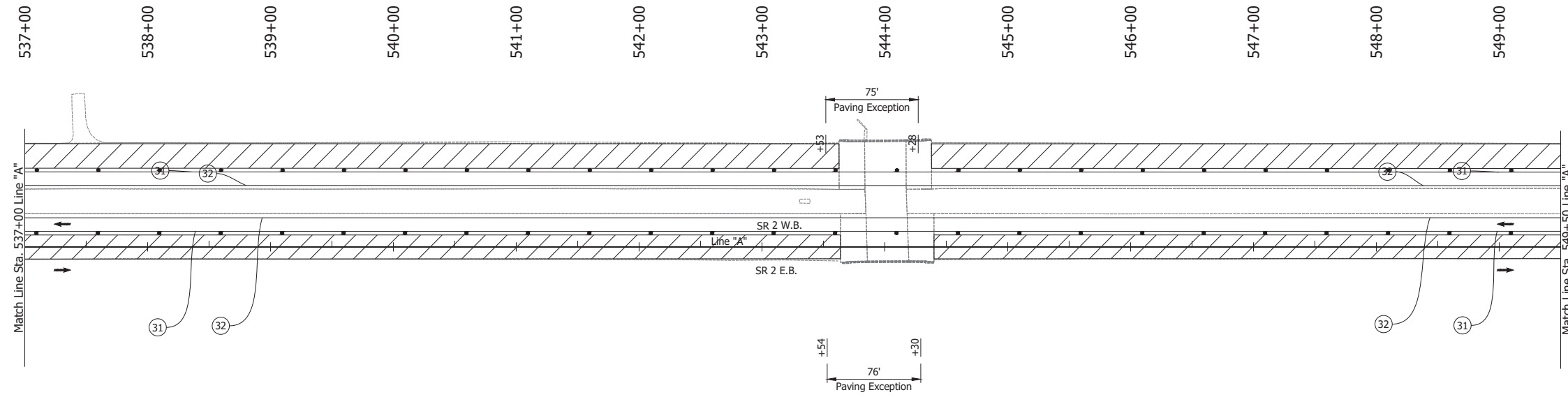
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	104 of 321
CONTRACT	PROJECT
R-42444	1900177

Date: Jun 23, 2023 1:26pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\194\CD\Plans\Set(S)C\_RD\_MOT Phase 3B.dwg - (MOT Phase 3B (194))



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- ↔ Traffic Flow
- ▨ Construction Area
- Line, Remove

**NOTES:**

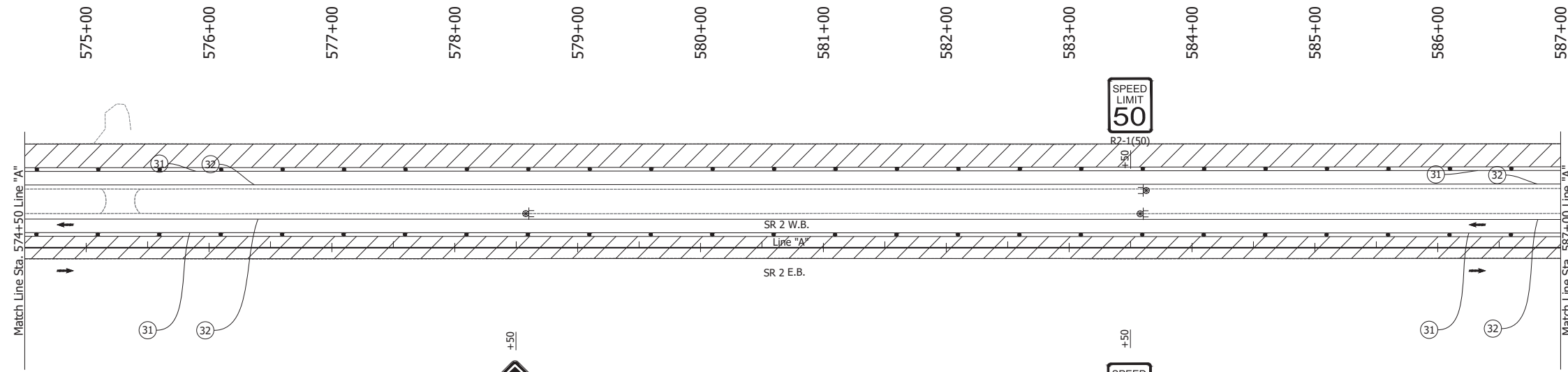
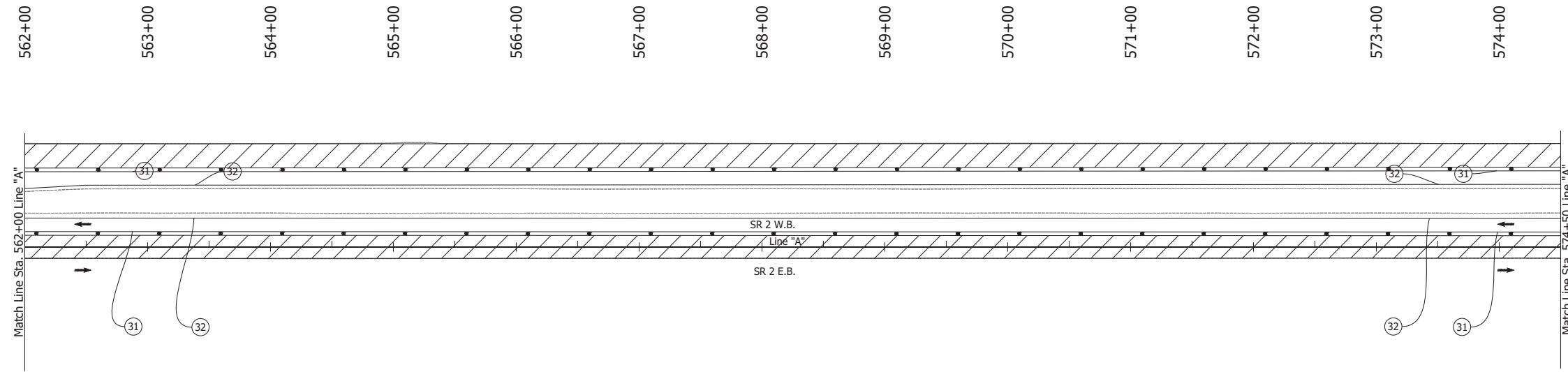
1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	105	of 321
CONTRACT	PROJECT	
R-42444	1900177	



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- ↔ or → Traffic Flow
- ▨ Construction Area
- Line, Remove

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

**NOTES:**

1. Design speed = 50 mph
2. Drum spacing = 50' on taper sections and 100' on tangent sections

Date: Jun 23, 2023, 1:26pm User Name: Sara.Munisle File: X:\production\files\20201220-3001\PC\194\CAD\Plans\Set(S)C\_RD\_MOT\_Phase 3B.dwg (MOT Phase 3B (03))

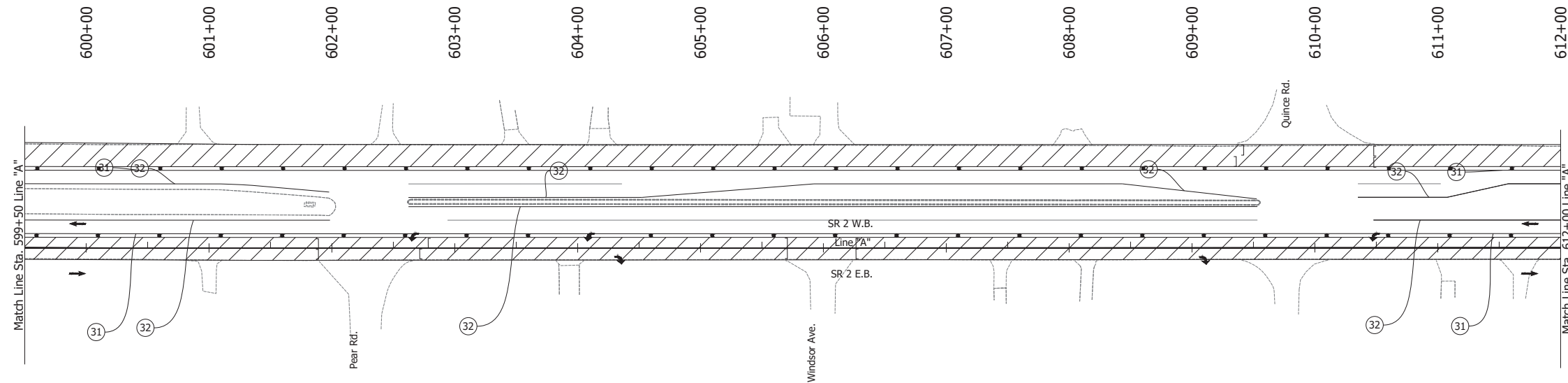
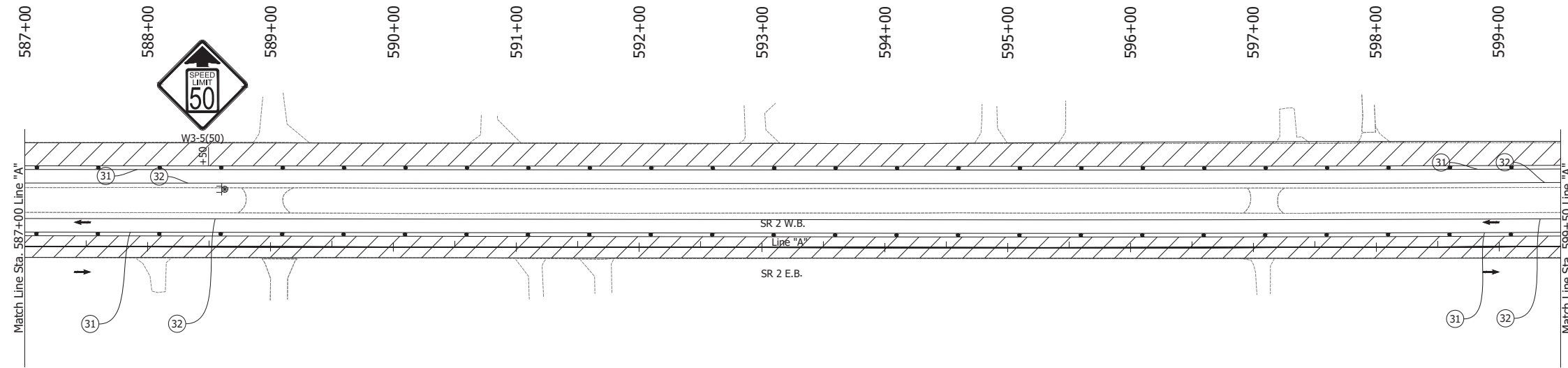


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	106	of 321
CONTRACT	PROJECT	
R-42444	1900177	



**LEGEND:**

- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
- ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- ↔ Traffic Flow
- ▨ Construction Area
- Line, Remove

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

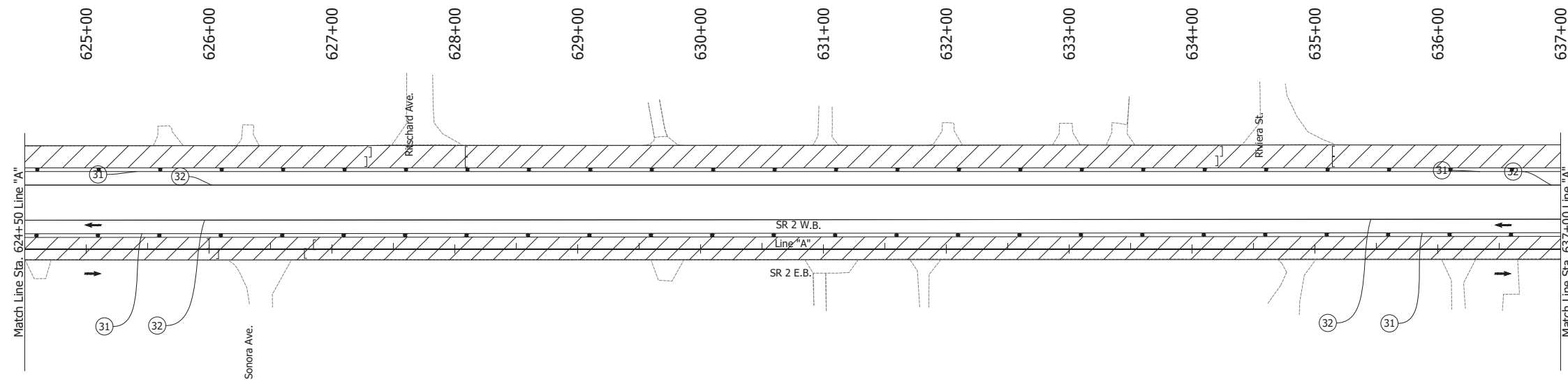
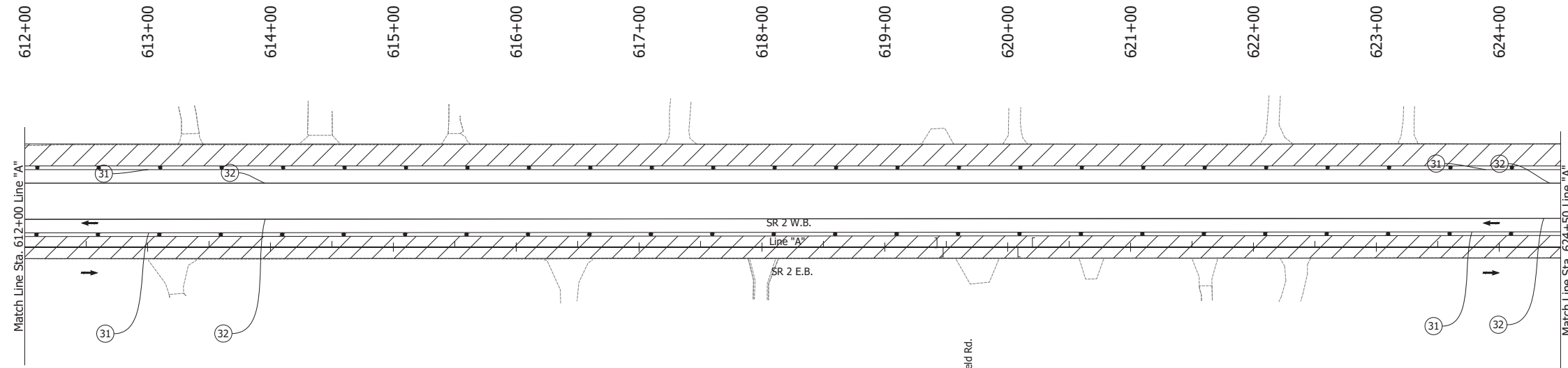
Date: Jun 23, 2023, 1:26pm User Name: Sara.Munisle  
 File: X:\production\files\2201220-3001\PC\14\CAD\Plans\Set(S)K\_RD\_MOT\_Phase 3B.dwg - (MOT Phase 3B (66))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	107 of 321
CONTRACT	PROJECT
R-42444	1900177



- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ Traffic Flow
  - ▨ Construction Area
  - Line, Remove

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

Date: Jun 23, 2023, 1:21pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PC\14\CAD\plans\set\SR\_2\MDT\_Plane\_Ph3b.dwg - (MDT Phase 3b (07))

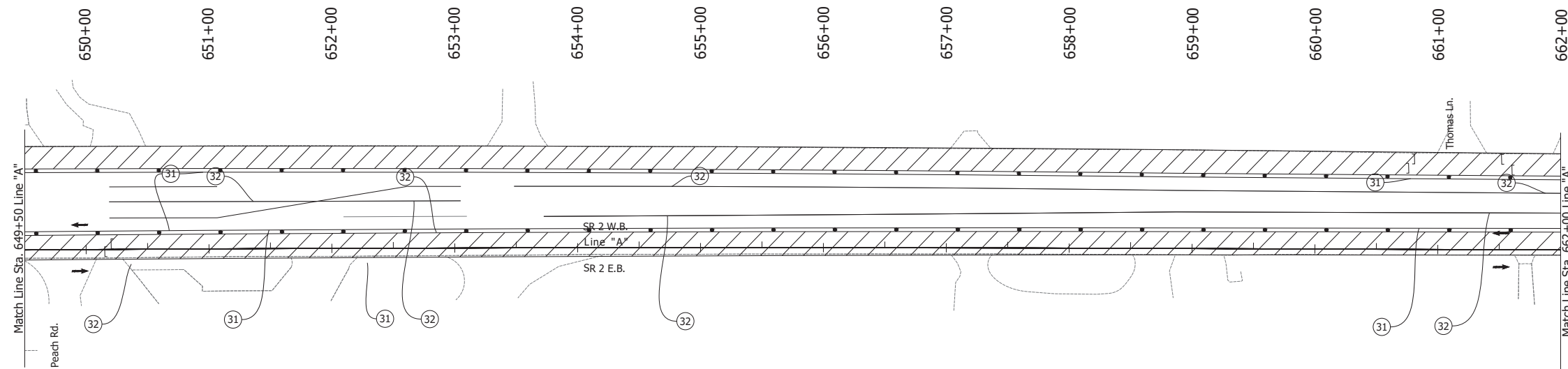
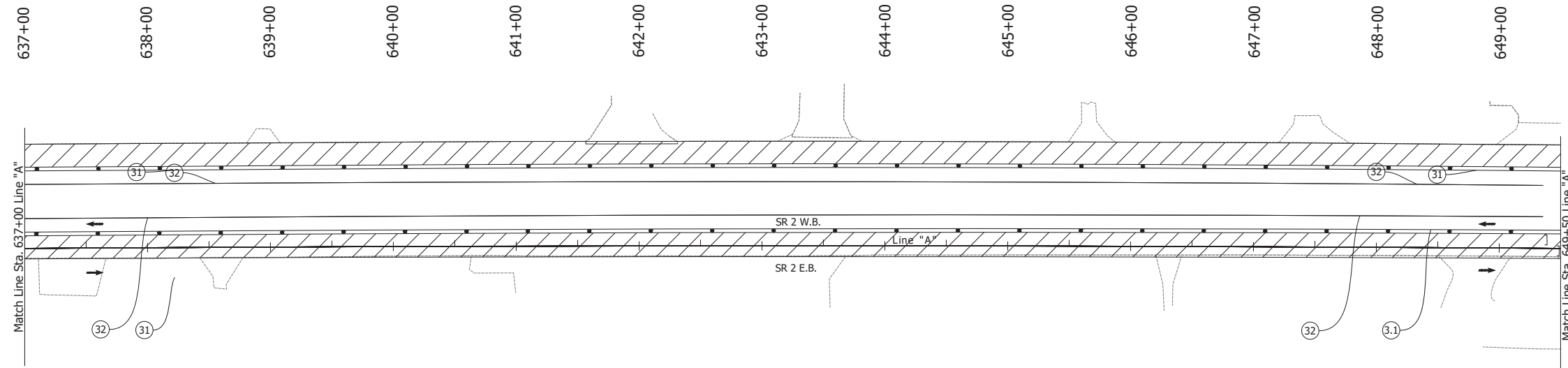
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	108	of 321
CONTRACT	PROJECT	
R-42444	1900177	





- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ Traffic Flow
  - ▨ Construction Area
  - Line, Remove

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

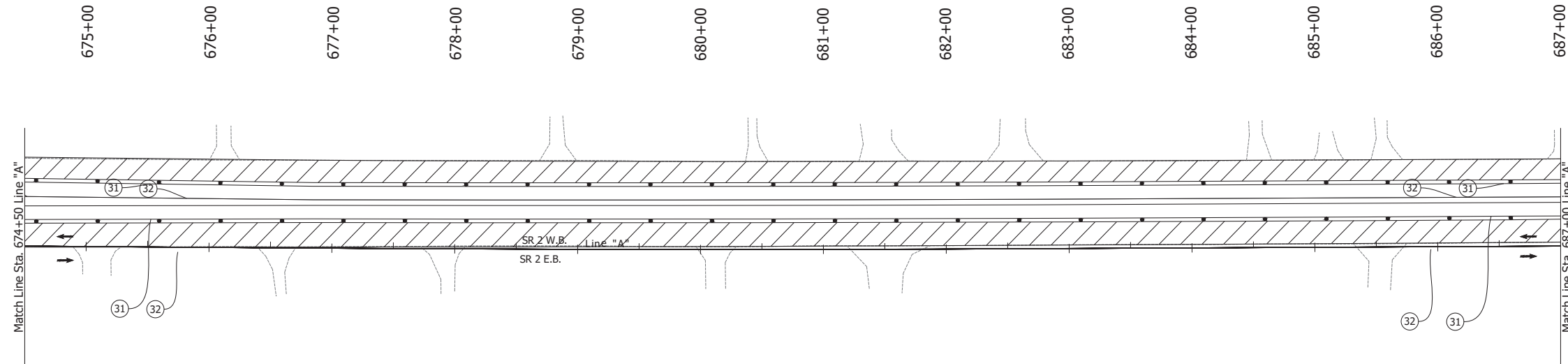
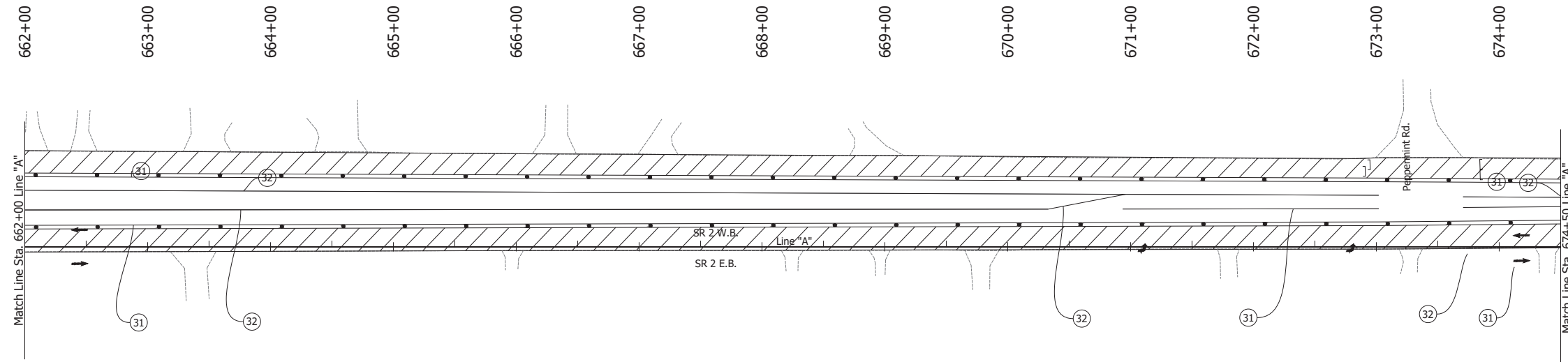
Date: Jun 23, 2023 1:21pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\14\CAD\Plans\Set(S)C\_RD\_MOT\_Phase 3B.dwg - (MOT Phase 3B (88))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	109 of 321
CONTRACT	PROJECT
R-42444	1900177



- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ Traffic Flow
  - ▨ Construction Area
  - Line, Remove

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

Date: Jun 23, 2023 1:21pm User Name: Sara Munsie  
 File: X:\production\files\20201220-2001\PC\194\CD\Plans\Set(S)C\_RD\_MOT\Plan\_Ph3b.dwg - (MOT Phase 3b (09))

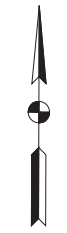
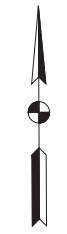
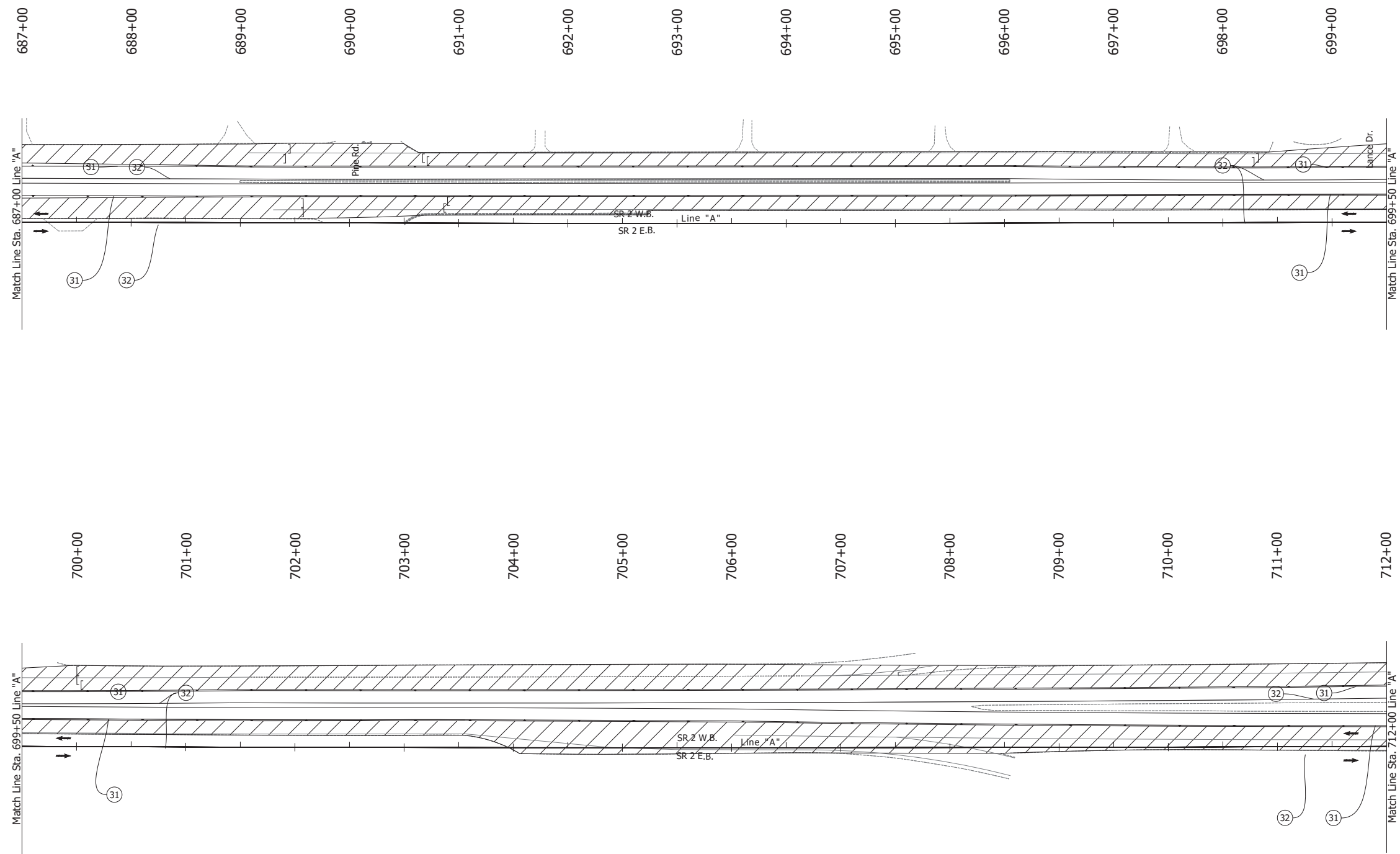
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JAG	DRAWN: BJS	
CHECKED: WBF	CHECKED: WBF	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PHASE 3B**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	110	of 321
CONTRACT	PROJECT	
R-42444	1900177	

Date: Jun 23, 2023, 1:21pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan PH3b.dwg - (MOT Phase 3b (10))



NOTE: The ramps for US-31 will remain open at all times.

**LEGEND:**

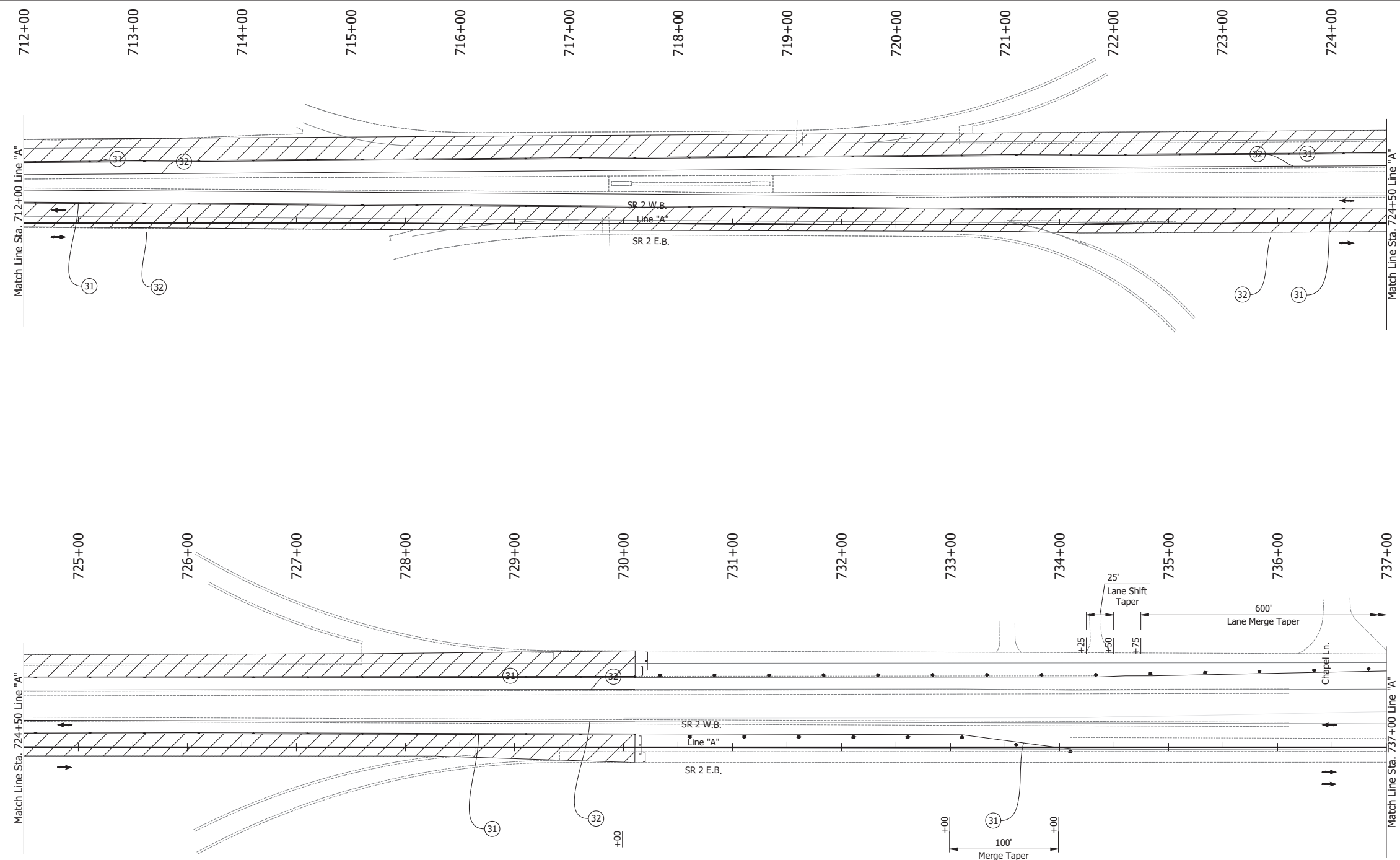
- (31) Temporary Pavement Marking, Solid, White, 4 in., Removable
- (32) Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
- Barrels
- Traffic Flow
- ▨ Construction Area
- Line, Remove

**NOTES:**

1. Design speed = 35 mph
2. Drum spacing = 25' on taper sections and 50' on tangent sections
3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG DRAWN: BJS CHECKED: WBF CHECKED: WBF	MAINTENANCE OF TRAFFIC PHASE 3B		VERTICAL SCALE	DESIGNATION
			N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	111 of 321
			CONTRACT	PROJECT
			R-42444	1900177

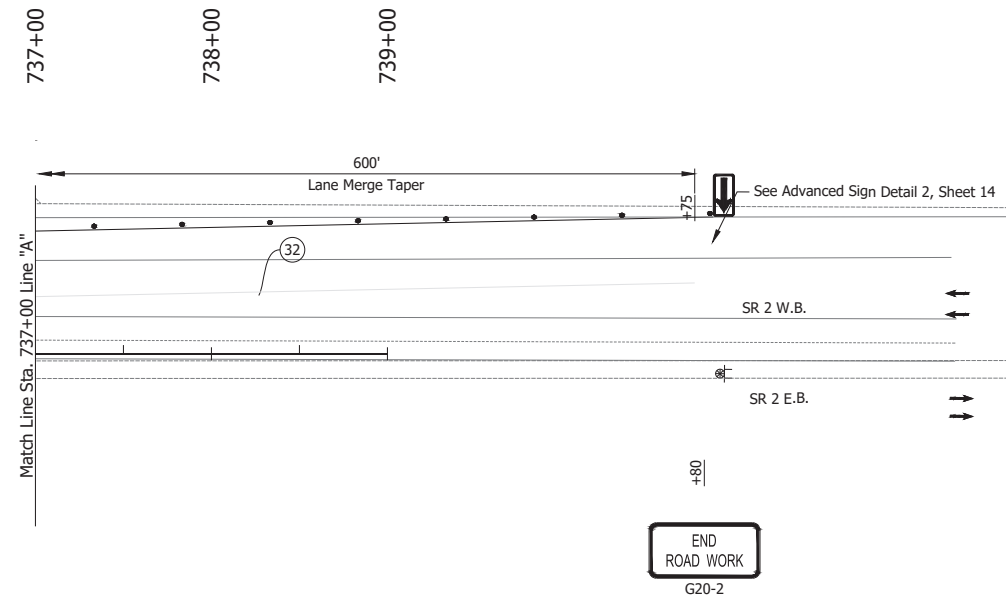
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 File: X:\production\files\2020\120-3001\PR-04\ICAD\PlanSet\SR2\_MOT\_Plan\_PHS3b.dwg (MOT Phase 3b (11))



- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - Traffic Flow
  - ▨ Construction Area
  - Line, Remove

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		MAINTENANCE OF TRAFFIC PHASE 3B		1" = 50'	N/A
DESIGNED: JAG	DRAWN: BJS	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PHASE 3B		VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF			N/A	1900177
				SURVEY BOOK	SHEET
		ELECTRONIC	112 of 321		
		CONTRACT	PROJECT		
		R-42444	1900177		

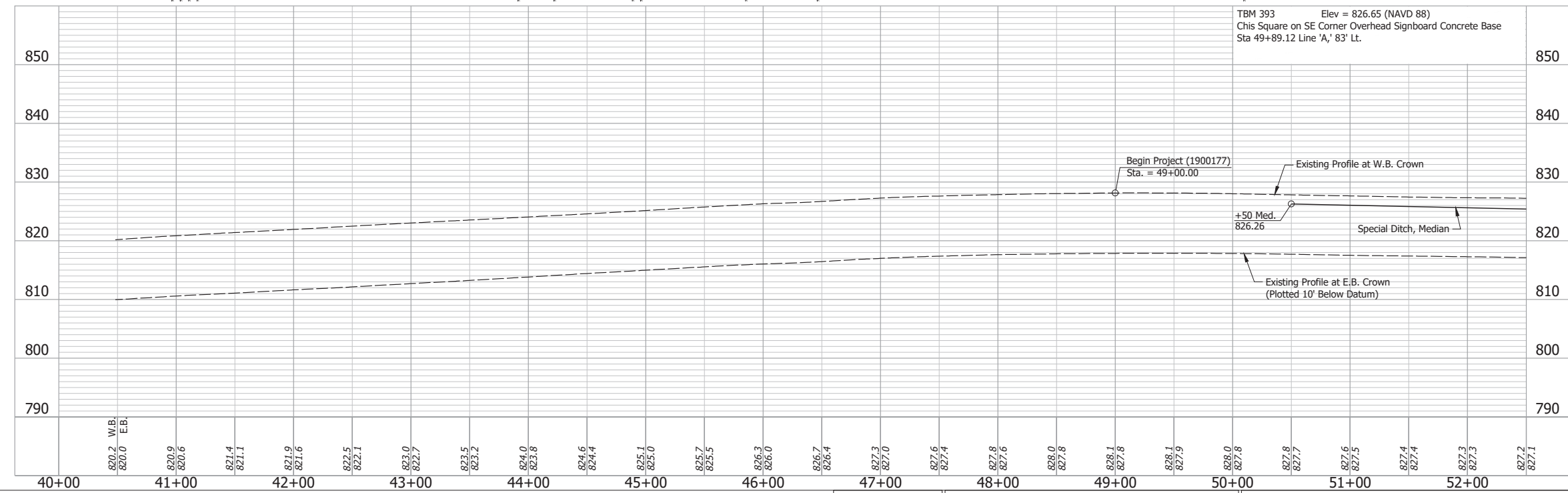
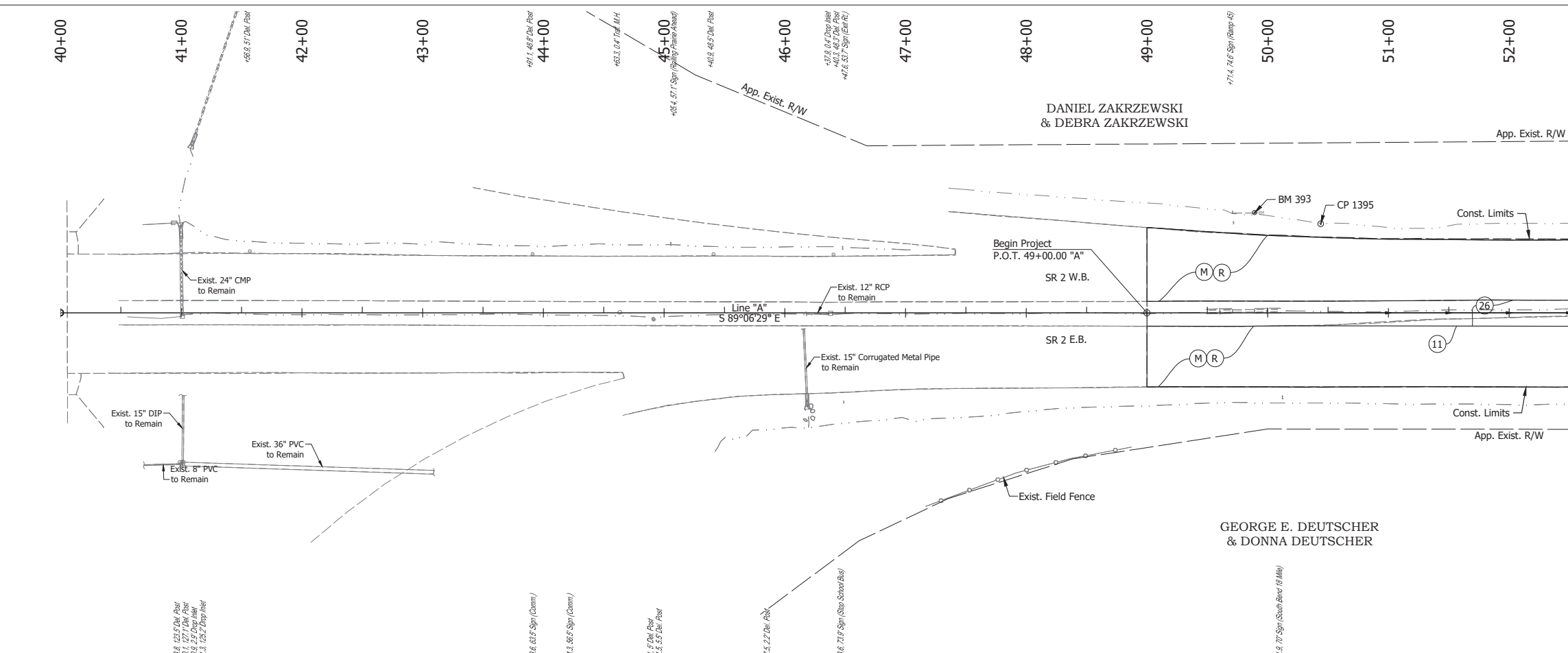


- LEGEND:**
- ① Temporary Pavement Marking, Solid, White, 4 in., Removable
  - ② Temporary Pavement Marking, Solid, Yellow, 4 in., Removable
  - Barrels
  - ↔ or → Traffic Flow
  - ▨ Construction Area
  - Line, Remove

- NOTES:**
1. Design speed = 35 mph
  2. Drum spacing = 25' on taper sections and 50' on tangent sections
  3. Cone spacing = 25' on taper sections and 50' on tangent sections

Date: Jun 23, 2023 1:21pm User Name: Sara Munsie  
 File: X:\production\files\2020\20-3001\PC\14\CAD\plans\set\shc\_rd\_mdt\plans\phase 3b (12).dwg - (MDT Phase 3b (12))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 50'	N/A
DESIGNED: JAG	DRAWN: RHK	MAINTENANCE OF TRAFFIC PHASE 3B	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	113 of 321
			CONTRACT	PROJECT
			R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (11) Sawcut
- (26) Sodding, Nursery

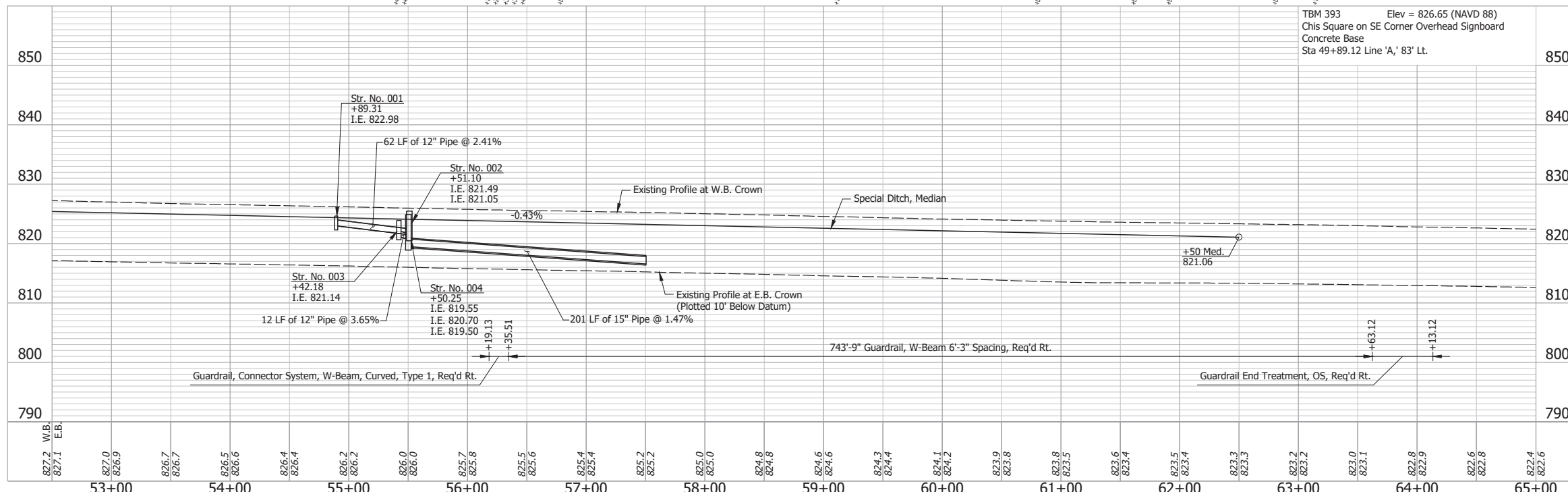
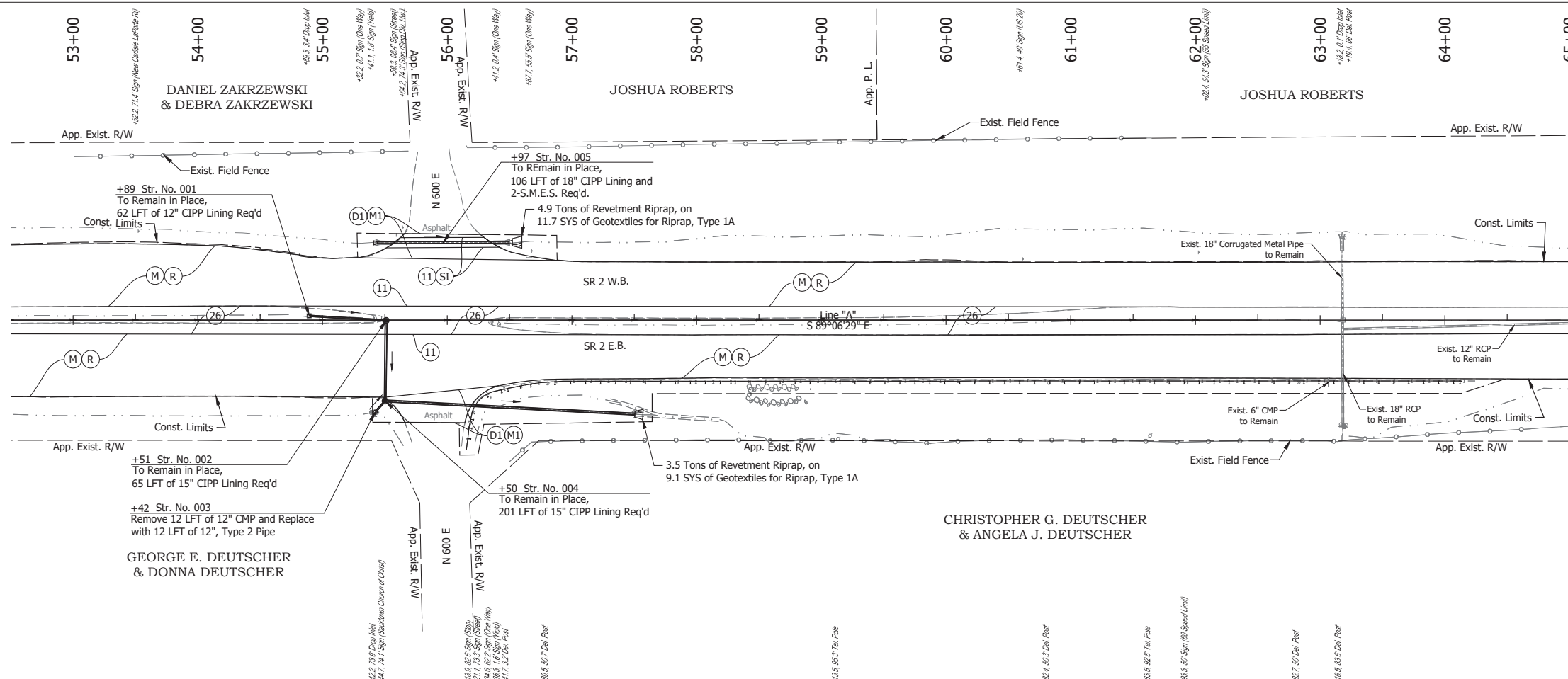
Date: Jun 28, 2023 4:16pm User Name: Sara Munsie  
File: X:\production\files\20201220-3001\PCU\PCU\Plans\Set\Chk\_RD\_Plan\Profile\_01.dwg (Plan & Profile (1))

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 40+00 TO STA. 52+50**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1900177
SURVEY BOOK	SHEET
ELECTRONIC	114 of 321
CONTRACT R-42444	PROJECT 1900177

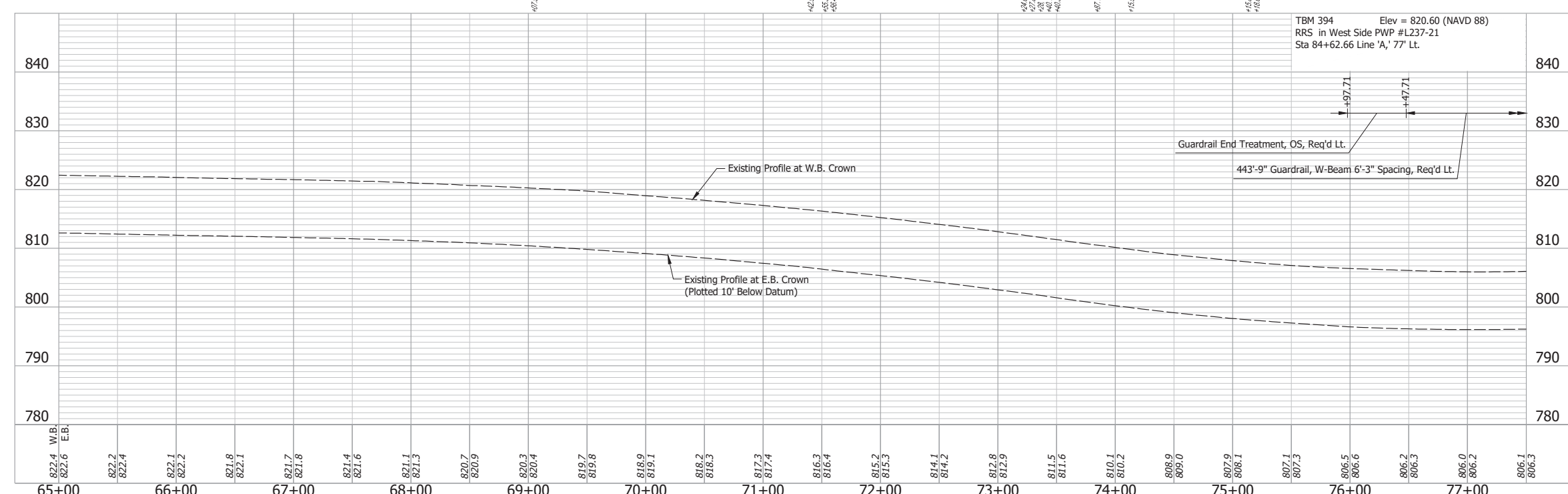
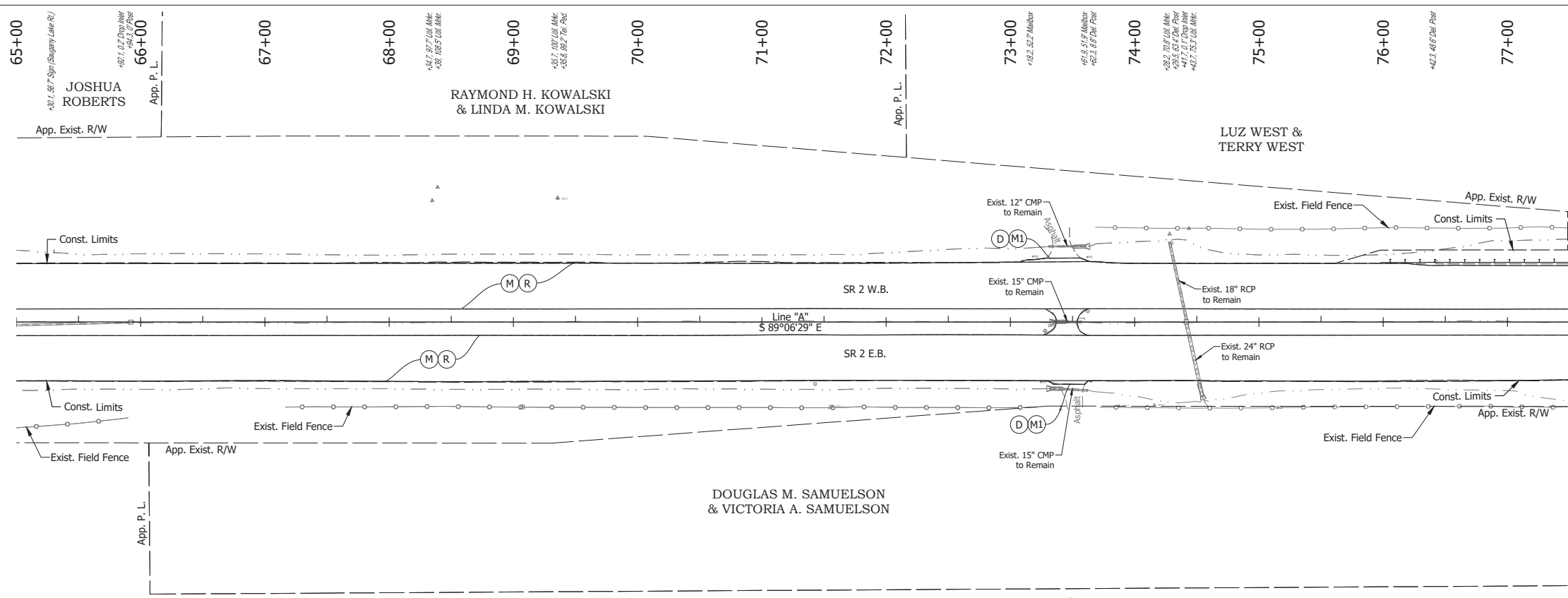


TBM 393 Elev = 826.65 (NAVD 88)  
 This Square on SE Corner Overhead Signboard  
 Concrete Base  
 Sta 49+89.12 Line 'A,' 83' Lt.

- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut
  - (26) Sodding, Nursery

Date: Jun 28, 2023, 4:16pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\194\194\Plans\Set\Stk\_02\_PlanProfile\_01.dwg (Plan & Profile (2))

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM		DRAWN: SFM				1" = 50'	N/A
CHECKED: WBF		CHECKED: WBF			VERTICAL SCALE	DESIGNATION	
					1" = 10'	1900177	
PLAN AND PROFILE - LINE "A" STA. 52+50 TO STA. 65+00					SURVEY BOOK	SHEET	
					ELECTRONIC	115 of 321	
					CONTRACT	PROJECT	
					R-42444	1900177	



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:17pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_01.dwg (Plan & Profile (2))

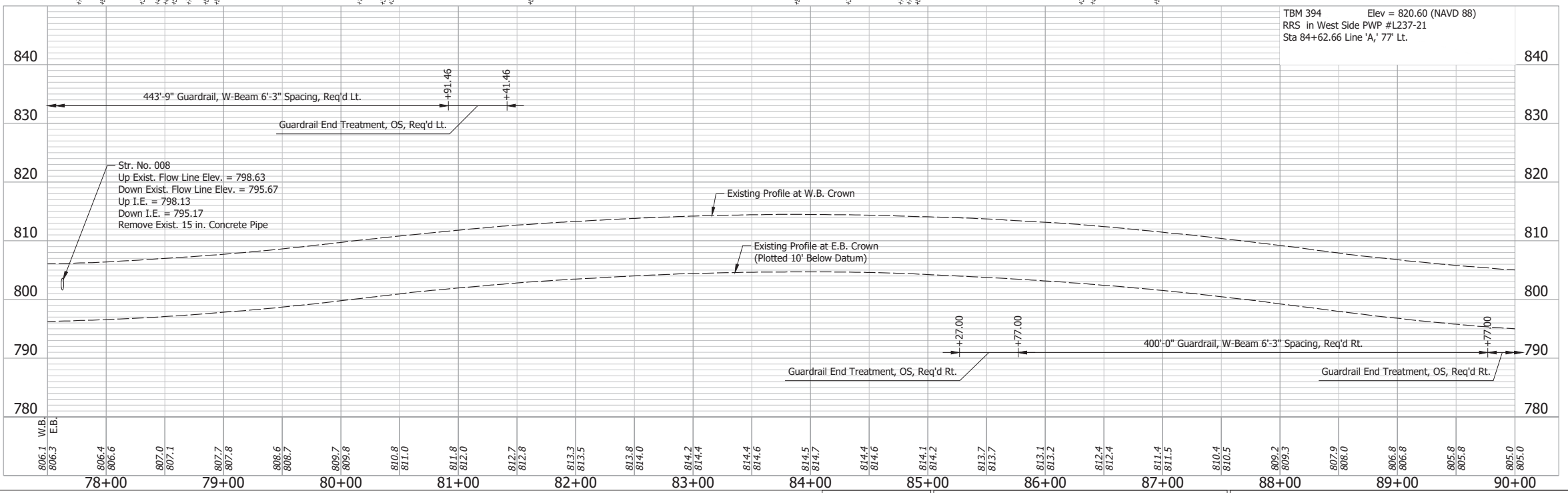
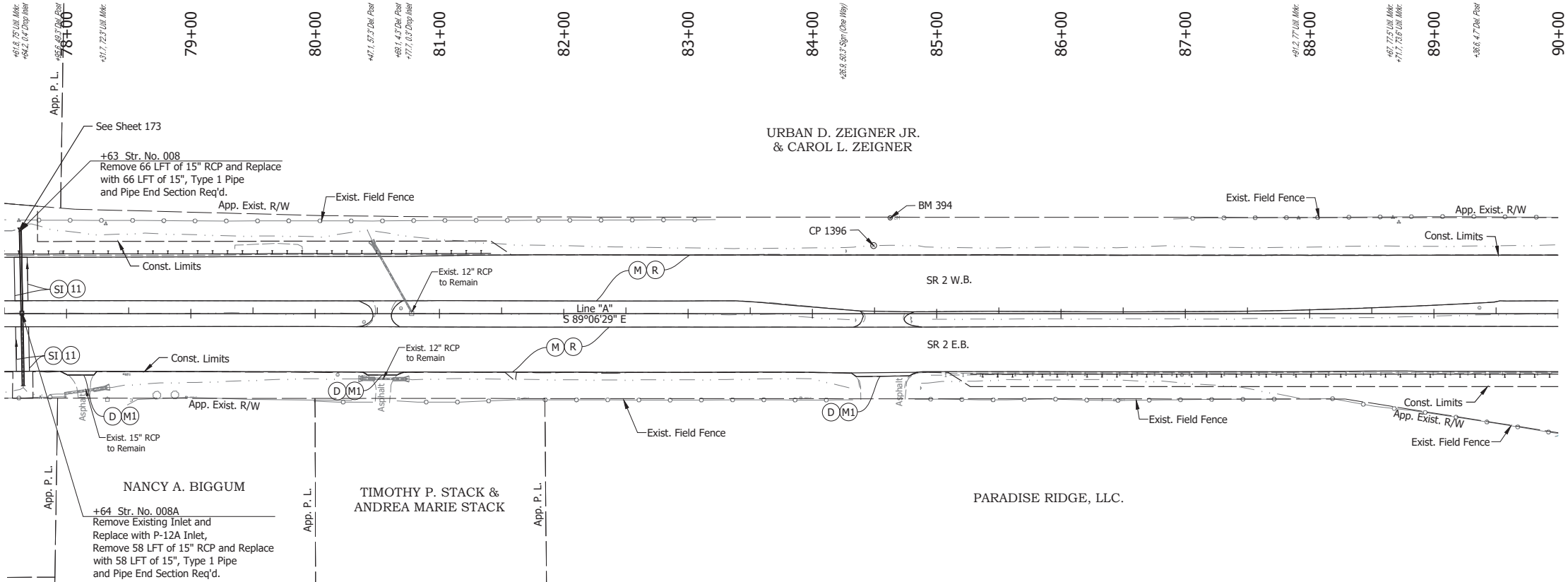
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 65+00 TO STA. 77+50**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	116 of 321
CONTRACT	PROJECT
R-42444	1900177





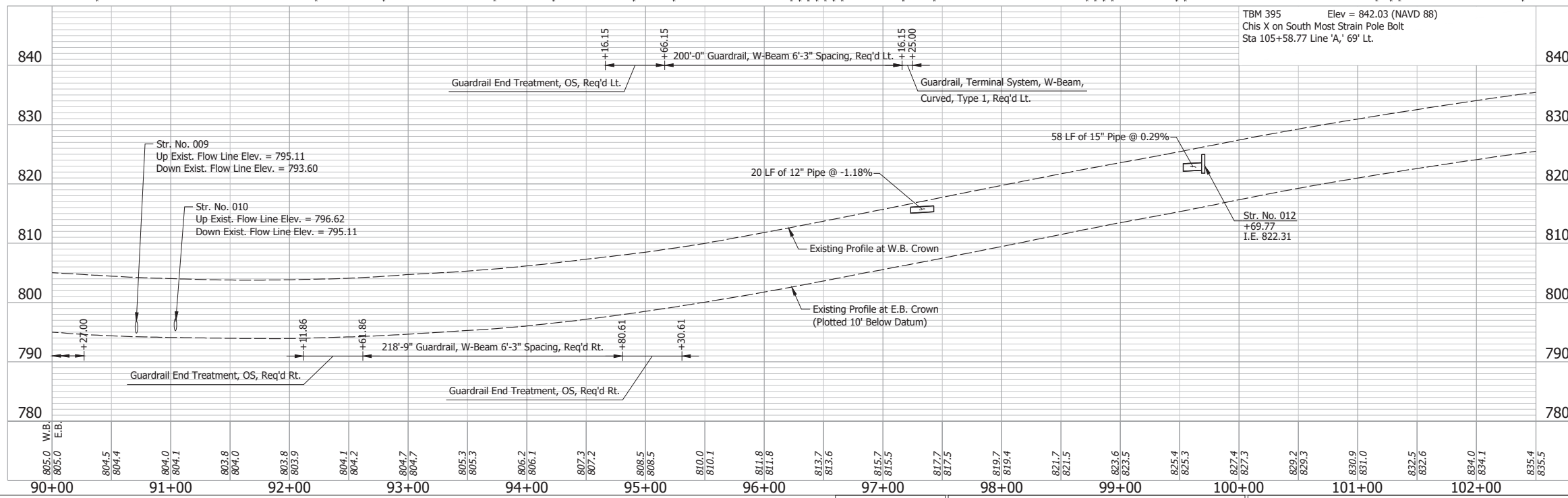
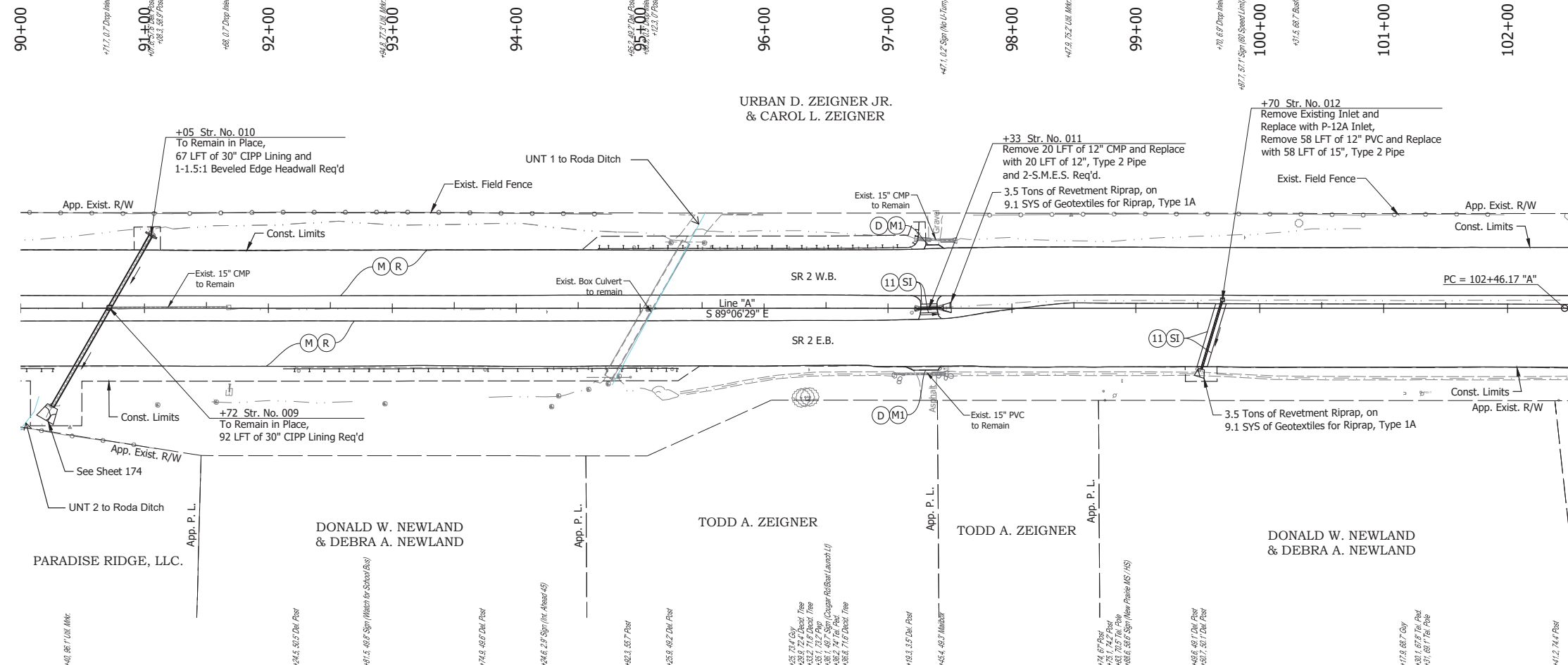
**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

Date: Jun 28, 2023, 4:18pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\14\CD\Plans\Set\Chk\_02\_PlanProfile\_01.dwg (Plan & Profile (2))

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF		PLAN AND PROFILE - LINE "A" STA. 77+50 TO STA. 90+00		SURVEY BOOK		SHEET	
						ELECTRONIC		117 of 321	
						CONTRACT		PROJECT	
						R-42444		1900177	



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

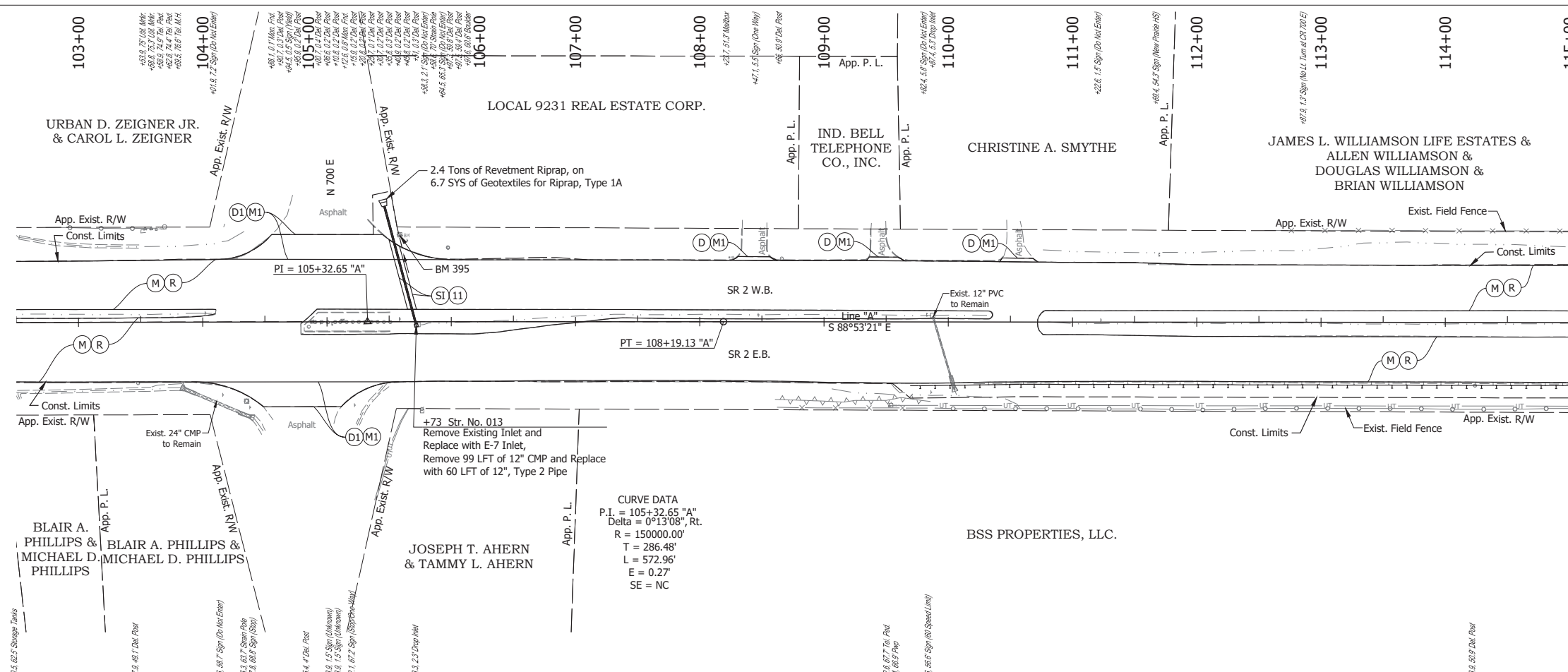
Date: Jun 28, 2023, 4:18pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Chk\_02\_PlanProfile\_01.dwg (Plan & Profile (2))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

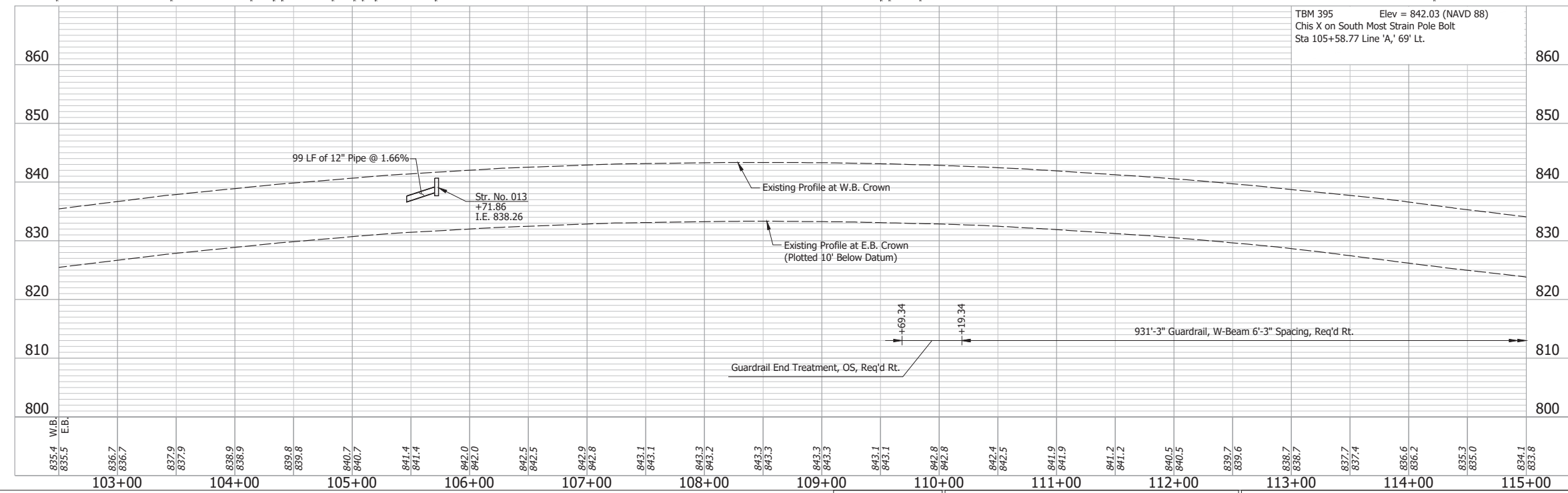
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"**  
STA. 90+00 TO STA. 102+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	118 of 321
CONTRACT	PROJECT
R-42444	1900177



CURVE DATA  
 P.I. = 105+32.65 "A"  
 Delta = 0°13'08", Rt.  
 R = 150000.00'  
 T = 286.48'  
 L = 572.96'  
 E = 0.27'  
 SE = NC



- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

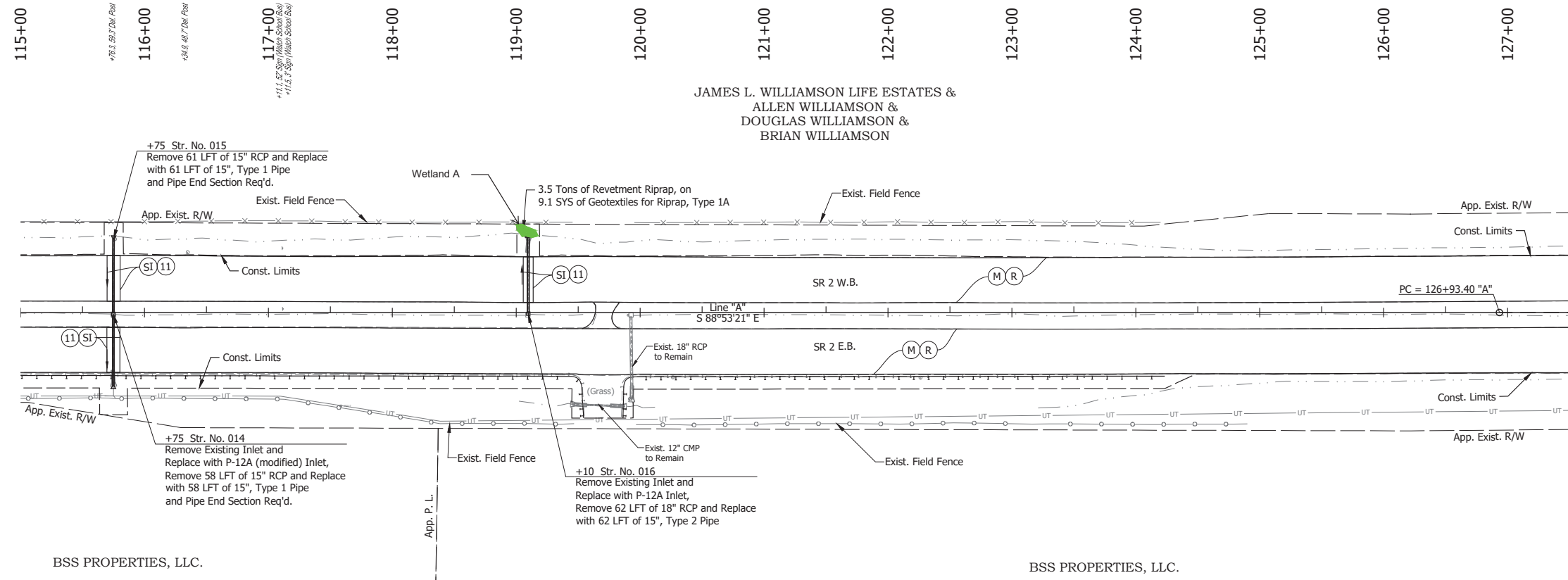
Date: Jun 28, 2023, 4:15pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\04\Plans\Set\Chk\_RD\_PlanProfile\_01.dwg (Plan & Profile (6))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

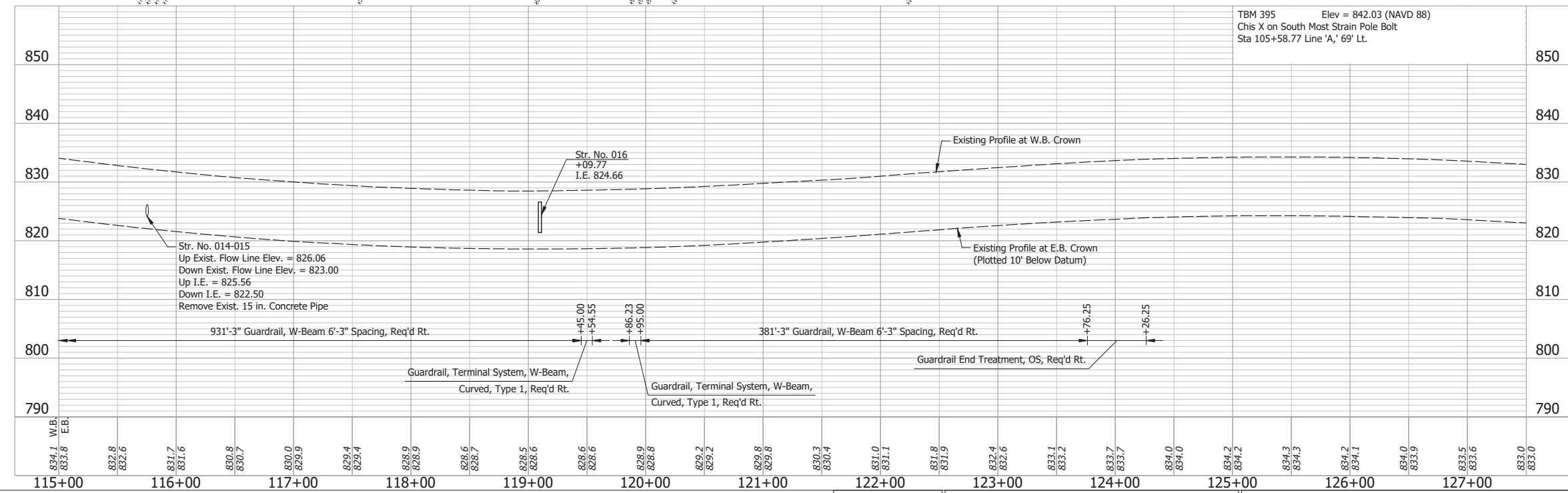
INDIANA  
 DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
 STA. 102+50 TO STA. 115+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	119 of 321
CONTRACT	PROJECT
R-42444	1900177



JAMES L. WILLIAMSON LIFE ESTATES &  
ALLEN WILLIAMSON &  
DOUGLAS WILLIAMSON &  
BRIAN WILLIAMSON



TBM 395 Elev = 842.03 (NAVD 88)  
Chis X on South Most Strain Pole Bolt  
Sta 105+58.77 Line 'A', 69' Lt.

**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

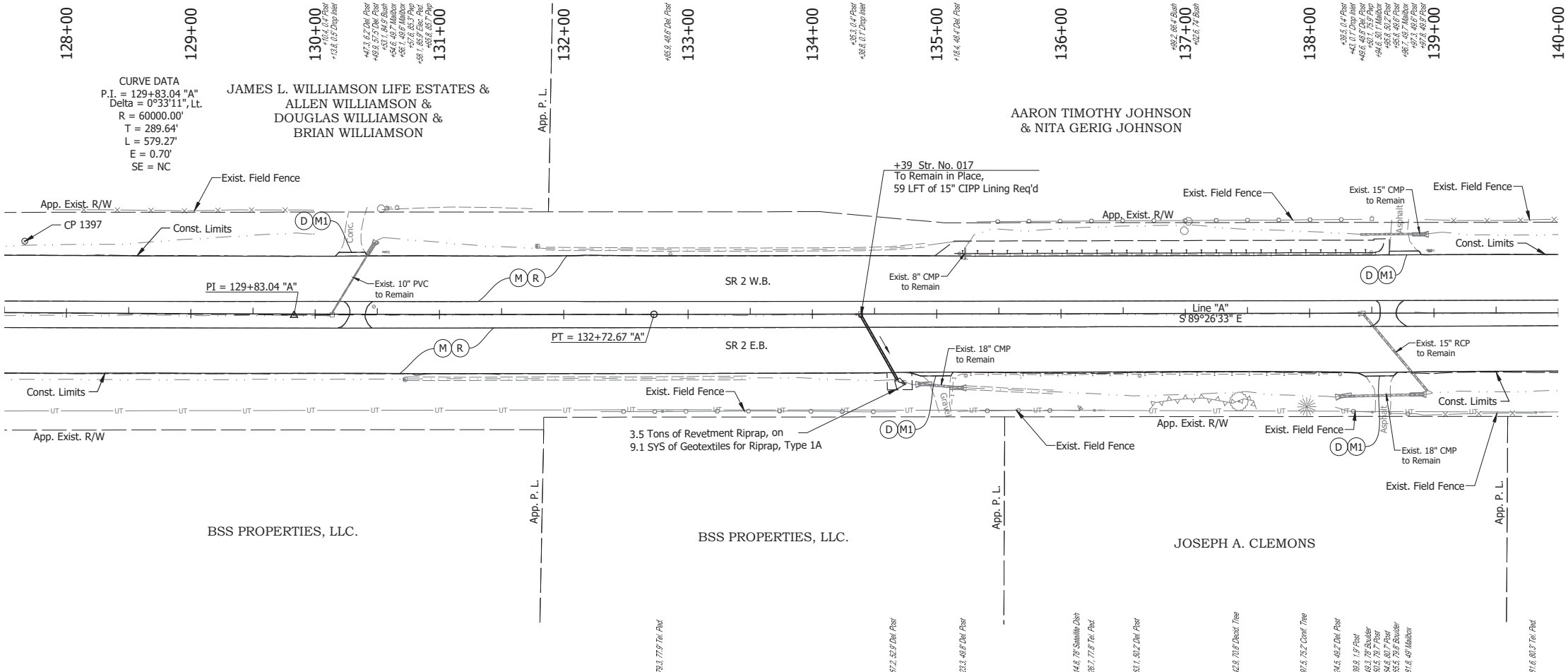
Date: Jun 28, 2023, 4:15pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-300\1\PC\14\CD\Plans\Set\Stc\_CD\_PlanProfile\_01.dwg (Plan & Profile (7))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

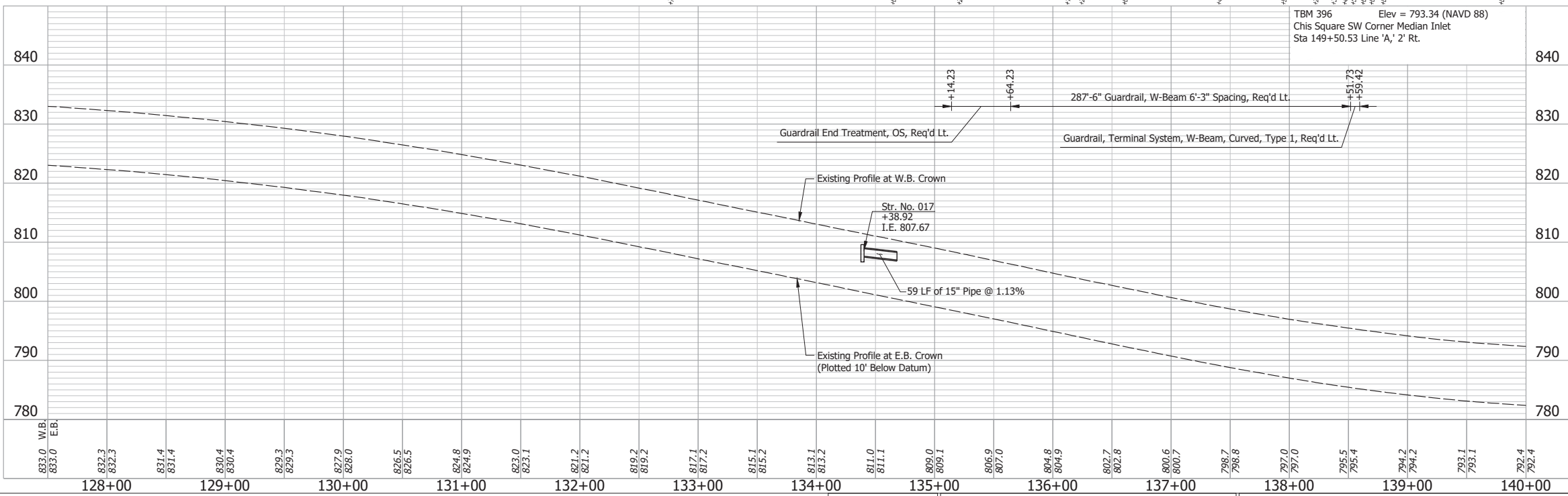
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"**  
**STA. 115+00 TO STA. 127+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	120 of 321
CONTRACT	PROJECT
R-42444	1900177



CURVE DATA  
 P.I. = 129+83.04 "A"  
 Delta = 0°33'11" Lt.  
 R = 60000.00'  
 T = 289.64'  
 L = 579.27'  
 E = 0.70'  
 SE = NC



**NOTE:**  
 For project control see Sheet 2.

- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:20pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_01.dwg (Plan & Profile (D))

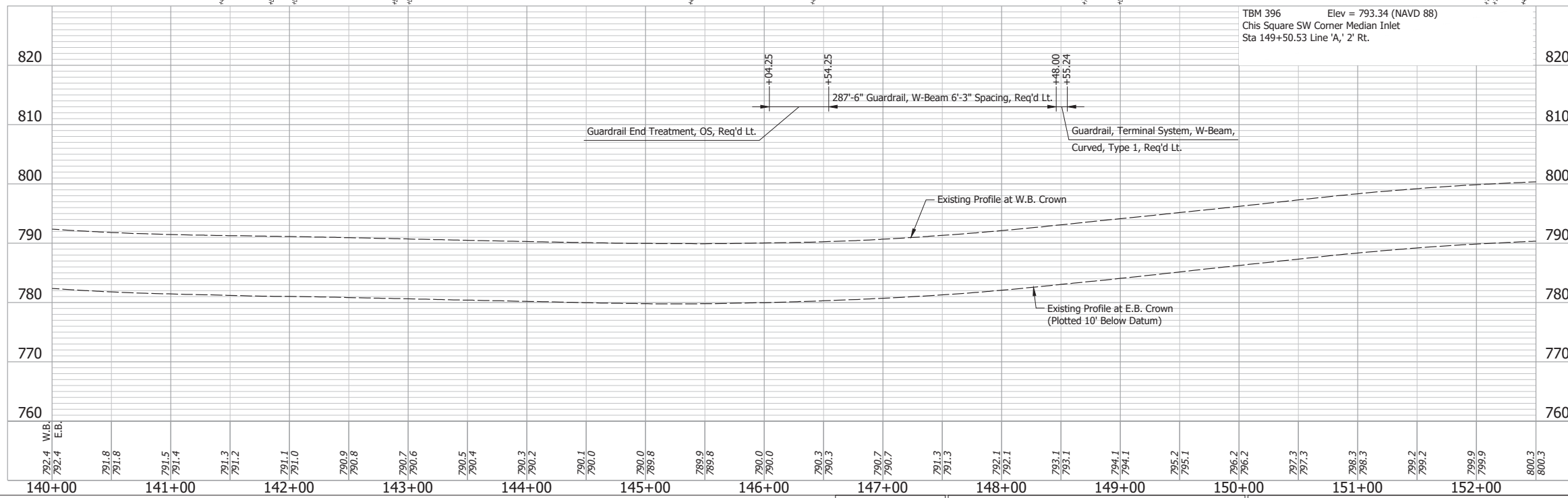
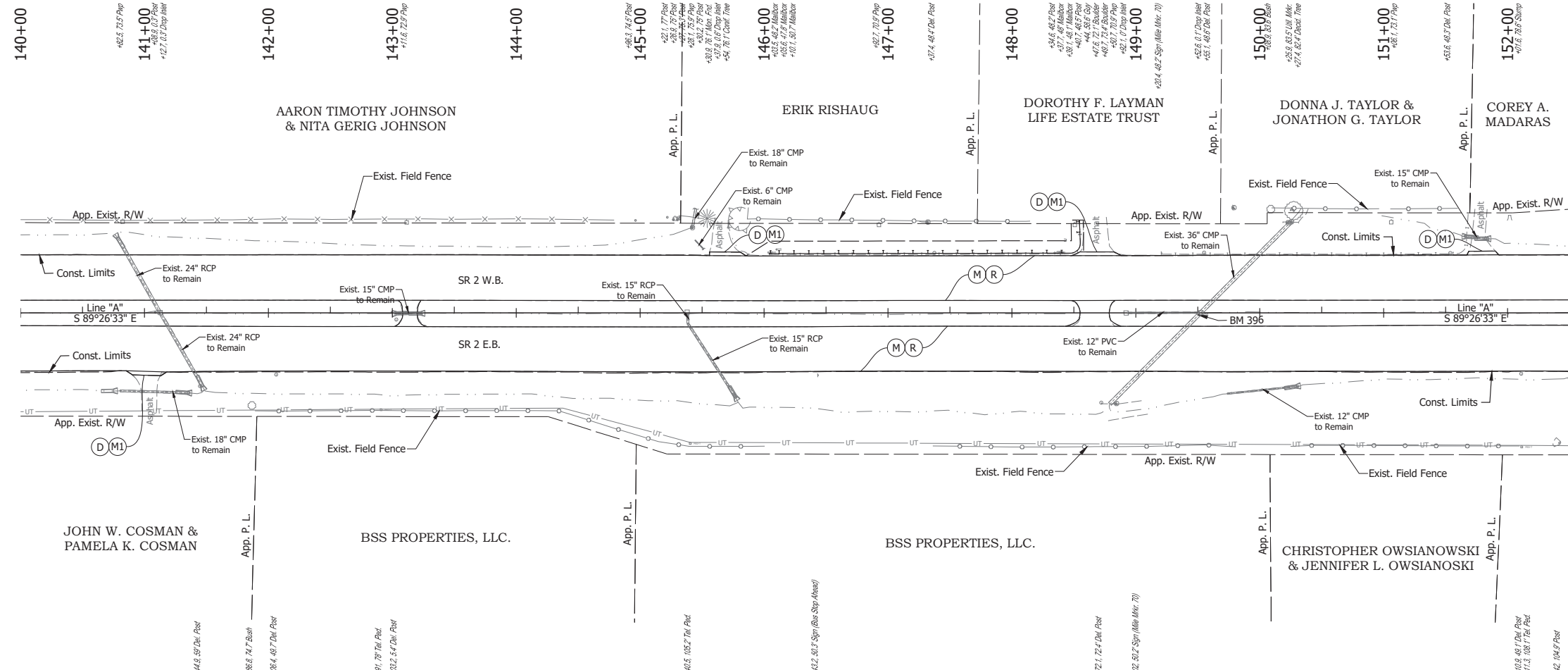
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
 DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
 STA. 127+50 TO STA. 140+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	121 of 321
CONTRACT	PROJECT
R-42444	1900177





**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

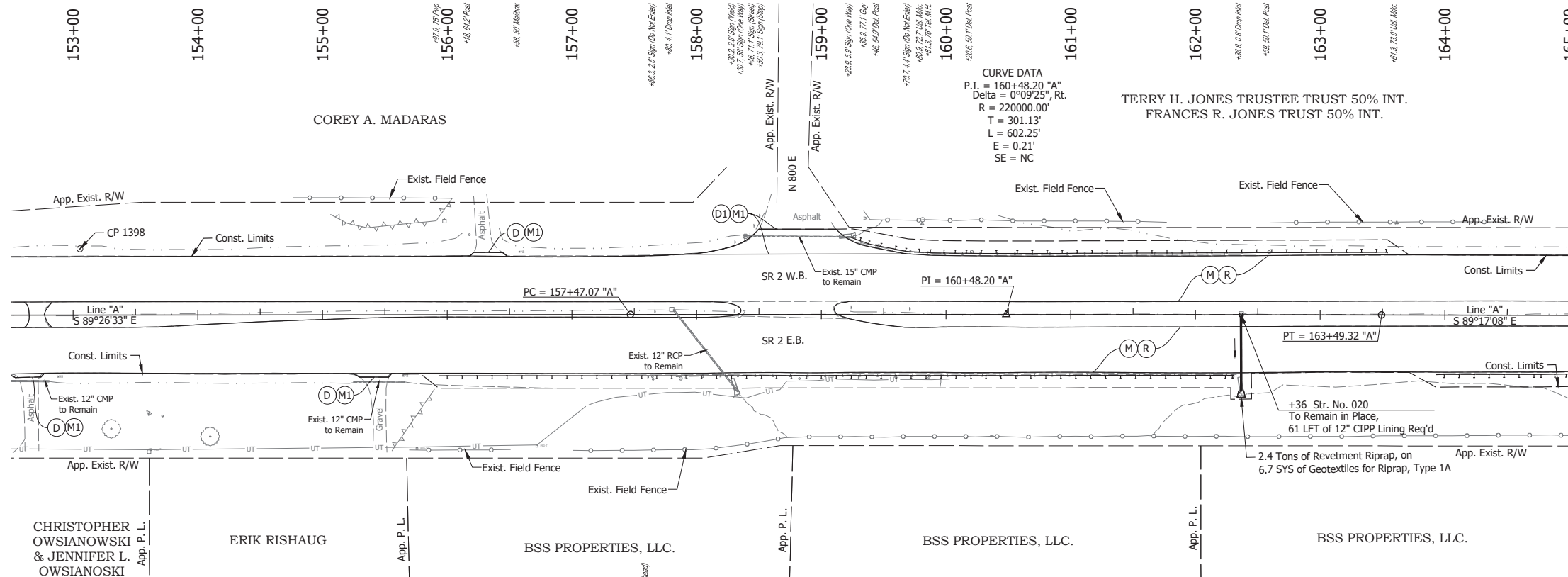
Date: Jun 28, 2023, 4:20pm User Name: Sara.Munick  
 File: X:\production\files\2020120-3001\PRO\04\04\Plans\Set\Stk\_RD\_PlanProfile\_01.dwg (Plan & Profile (2))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

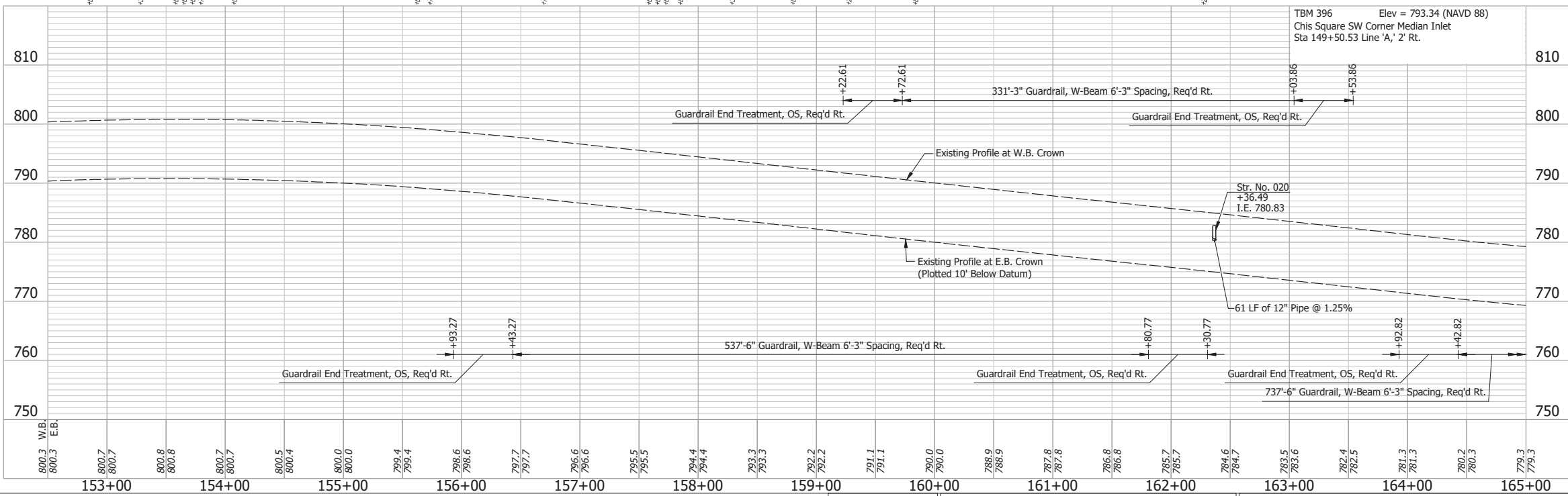
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
STA. 140+00 TO STA. 152+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	122 of 321
CONTRACT	PROJECT
R-42444	1900177



**CURVE DATA**  
 P.I. = 160+48.20 "A"  
 Delta = 0°09'25", Rt.  
 R = 220000.00'  
 T = 301.13'  
 L = 602.25'  
 E = 0.21'  
 SE = NC



**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

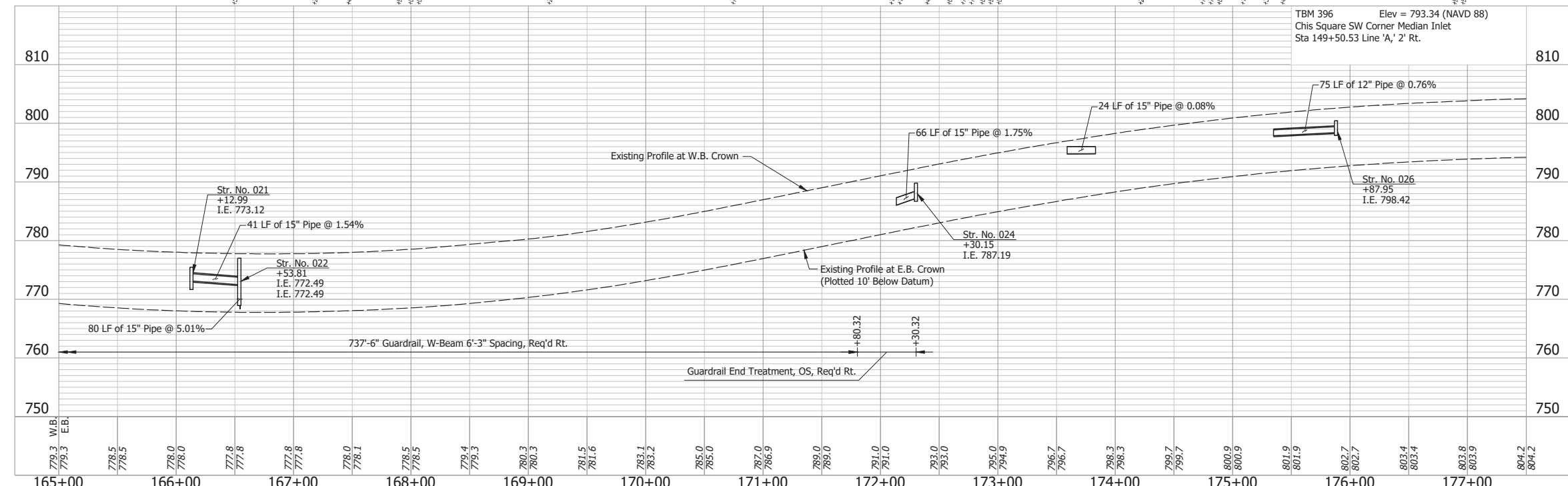
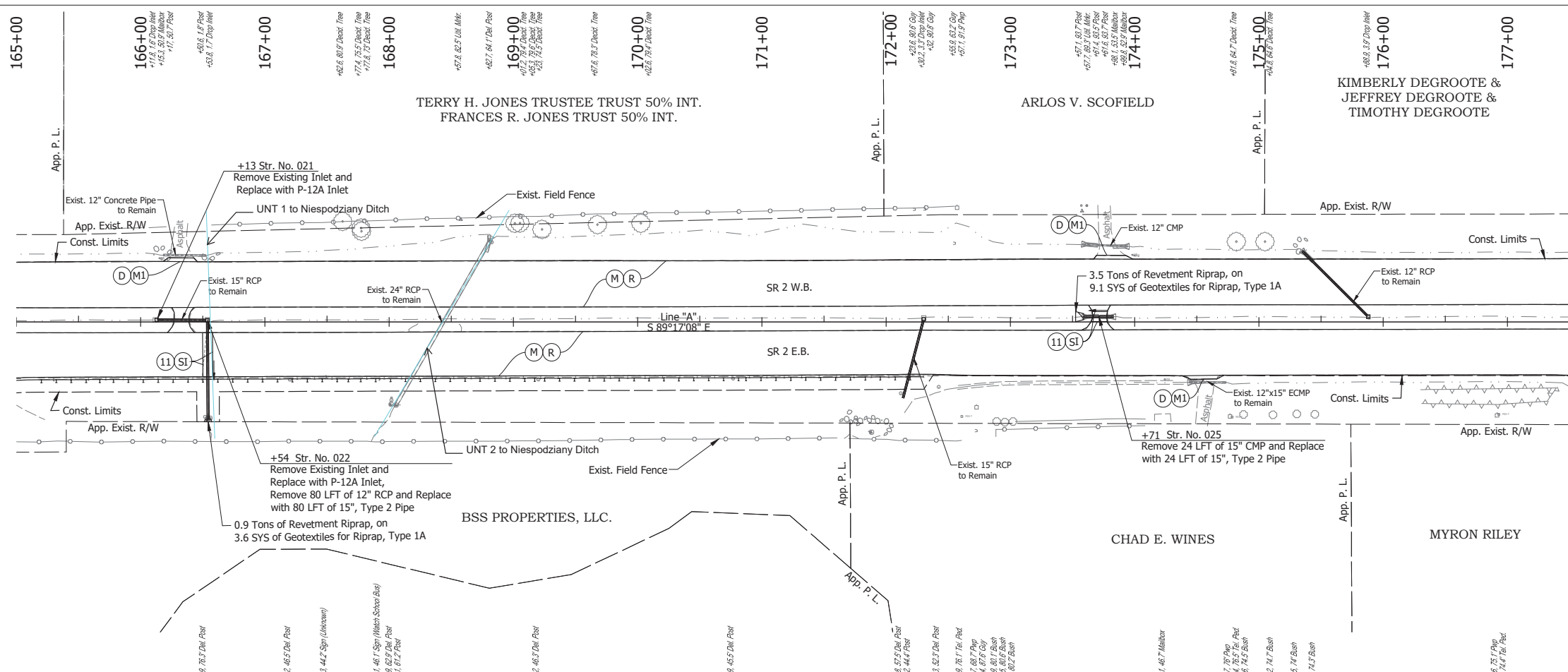
Date: Jun 26, 2023, 4:21pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\04\CD\Plans\Set\Sta\_02\_Plan\_Profile\_101.dwg (Plan & Profile 101)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"**  
**STA. 152+50 TO STA. 165+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	123 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
- (11) Sawcut

Date: Jun 28, 2023, 4:22pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Stk\_RD\_PlanProfile\_01.dwg (Plan & Profile (11))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

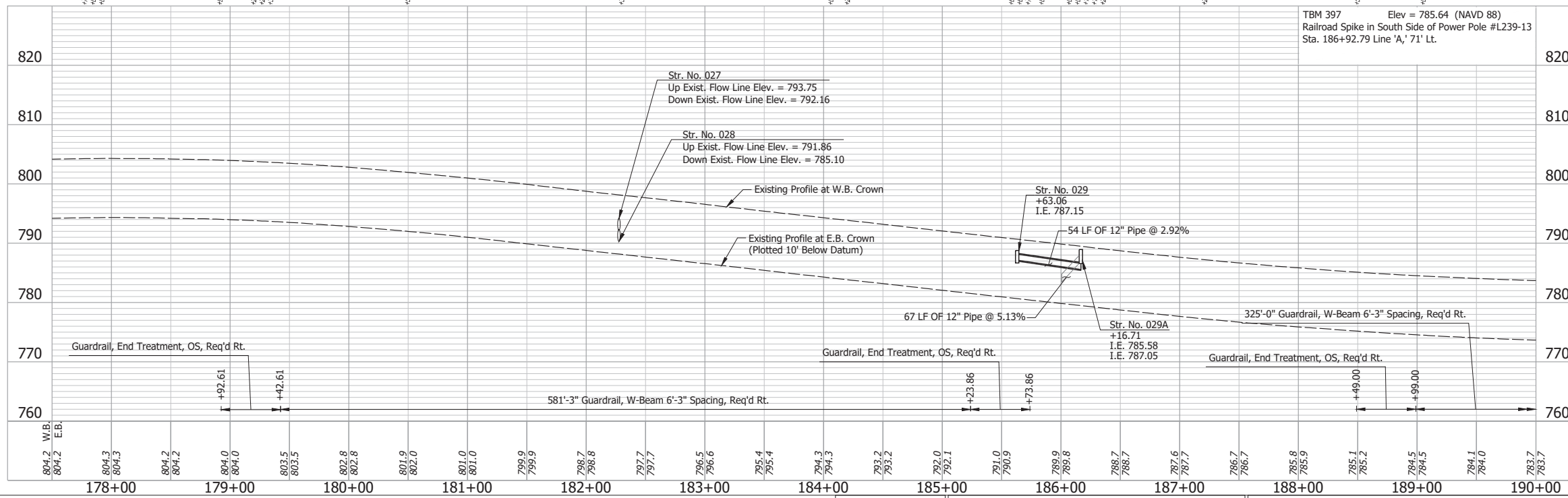
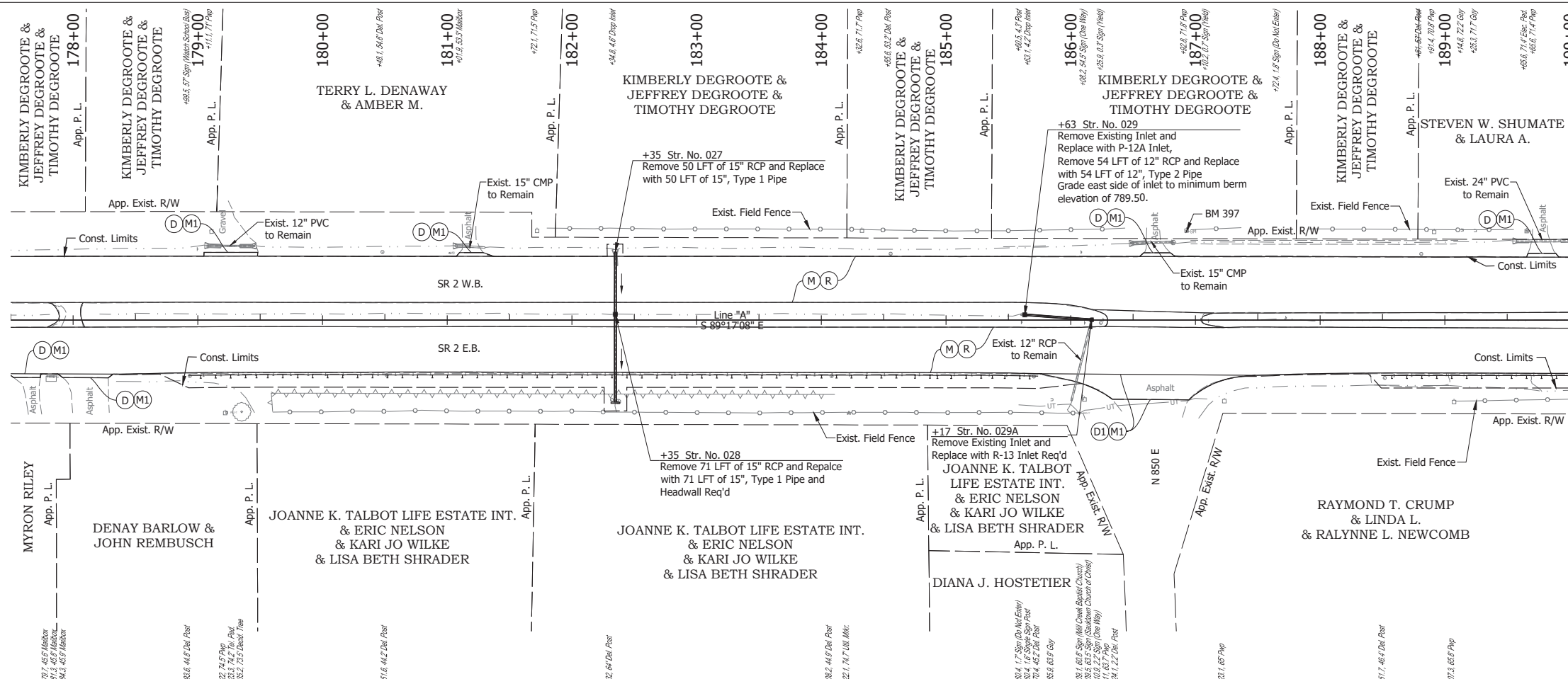
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 165+00 TO STA. 177+00**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 10'	1900177	
SURVEY BOOK	SHEET	
ELECTRONIC	124	of 321
CONTRACT	PROJECT	
R-42444	1900177	



Date: Jun 28, 2023, 4:23pm User Name: Sara.Munick  
 File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Sta\_02\_PlanProfile\_02.dwg (Plan & Profile (12))



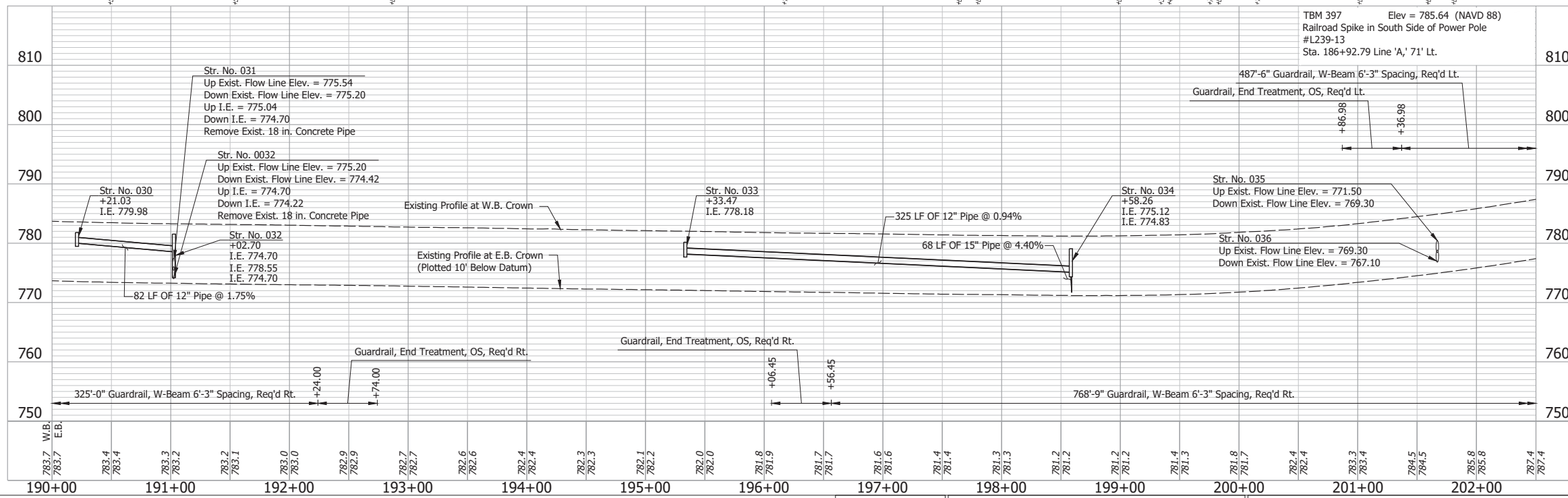
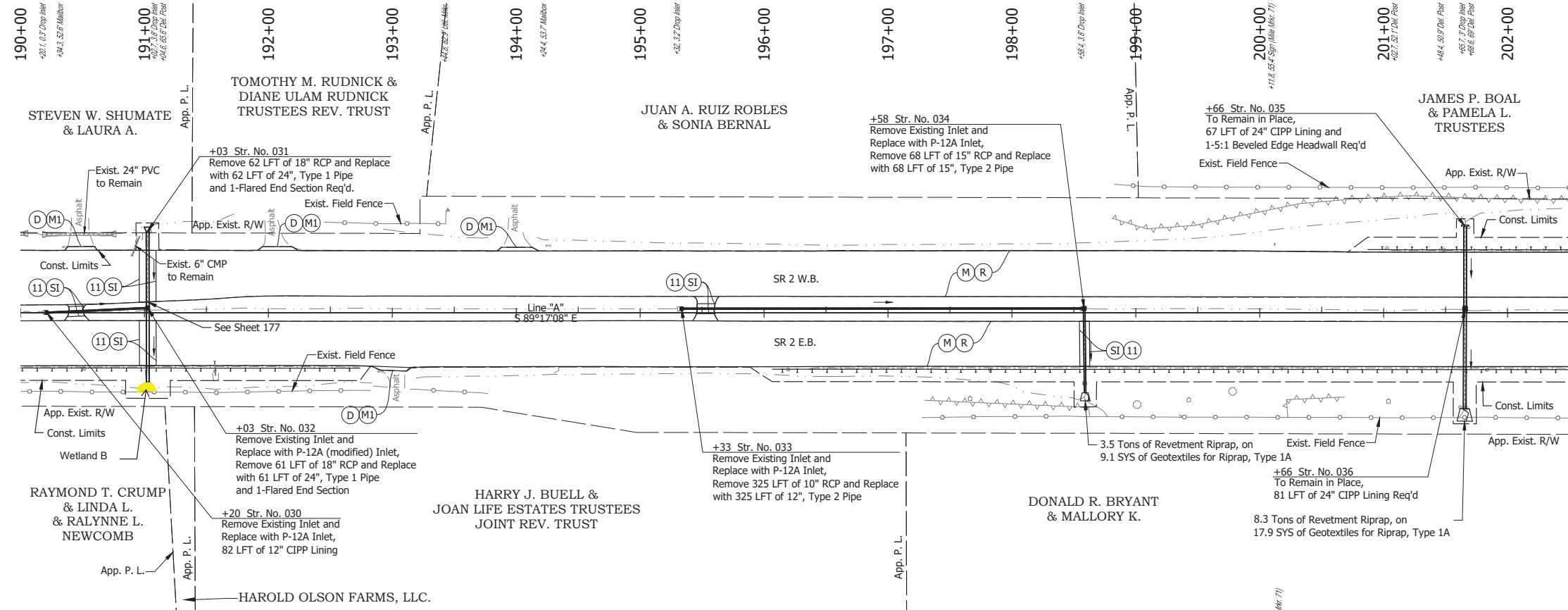
**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: _____	SFM	DRAWN: _____	SFM		PLAN AND PROFILE - LINE "A" STA. 177+50 TO STA. 190+00	
CHECKED: _____	WBF	CHECKED: _____	WBF		SURVEY BOOK SHEET ELECTRONIC 125 of 321 CONTRACT PROJECT R-42444 1900177	

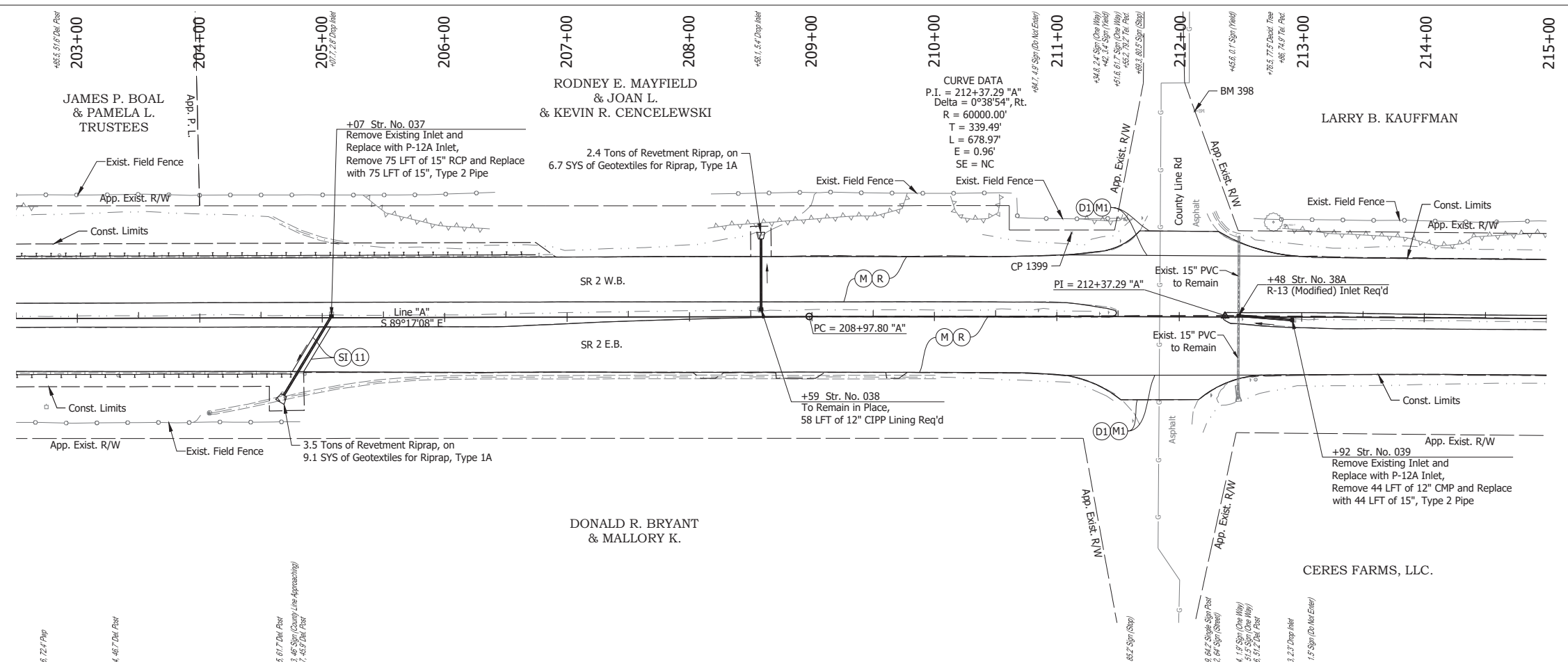




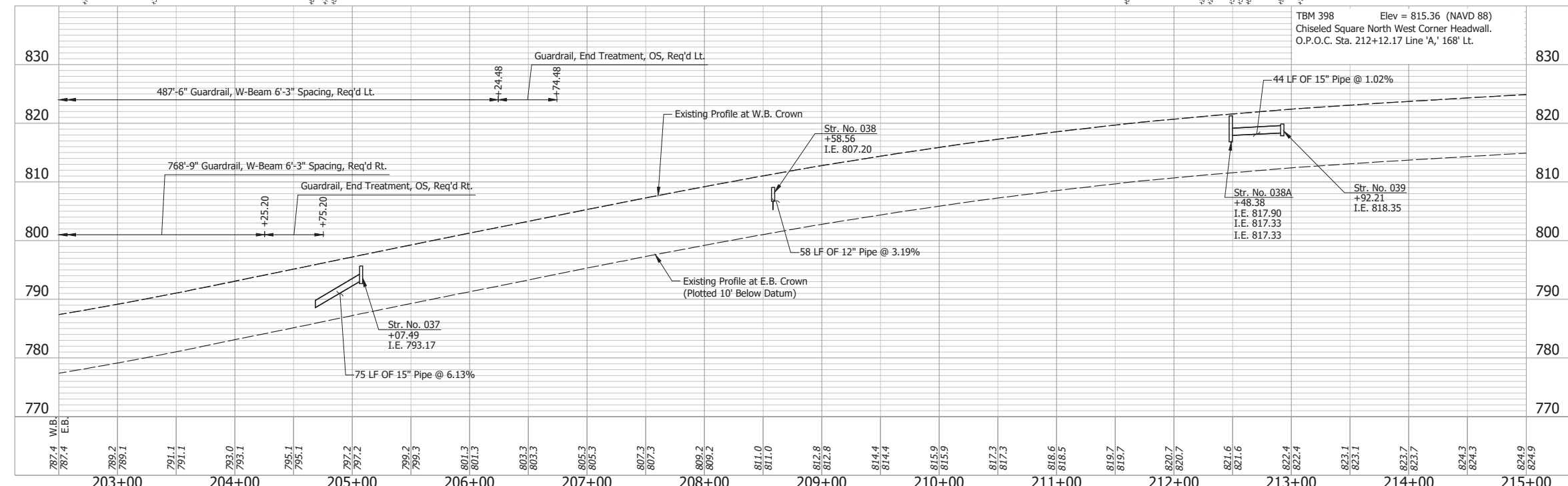
- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:24pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\194\194\Plans\Set\Sta. RD\_Plan\Profile\_02.dwg (Plan & Profile) (13)

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE			
							1" = 50'		N/A			
DESIGNED: SFM		DRAWN: SFM			VERTICAL SCALE		DESIGNATION		SURVEY BOOK			
CHECKED: WBF		CHECKED: WBF			1" = 10'		1900177		SHEET			
PLAN AND PROFILE - LINE "A" STA. 190+00 TO STA. 202+50					ELECTRONIC		126		of 321			
					CONTRACT		R-42444		PROJECT		1900177	



**CURVE DATA**  
 P.I. = 212+37.29 "A"  
 Delta = 0°38'54", Rt.  
 R = 60000.00'  
 T = 339.49'  
 L = 678.97'  
 E = 0.96'  
 SE = NC



- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

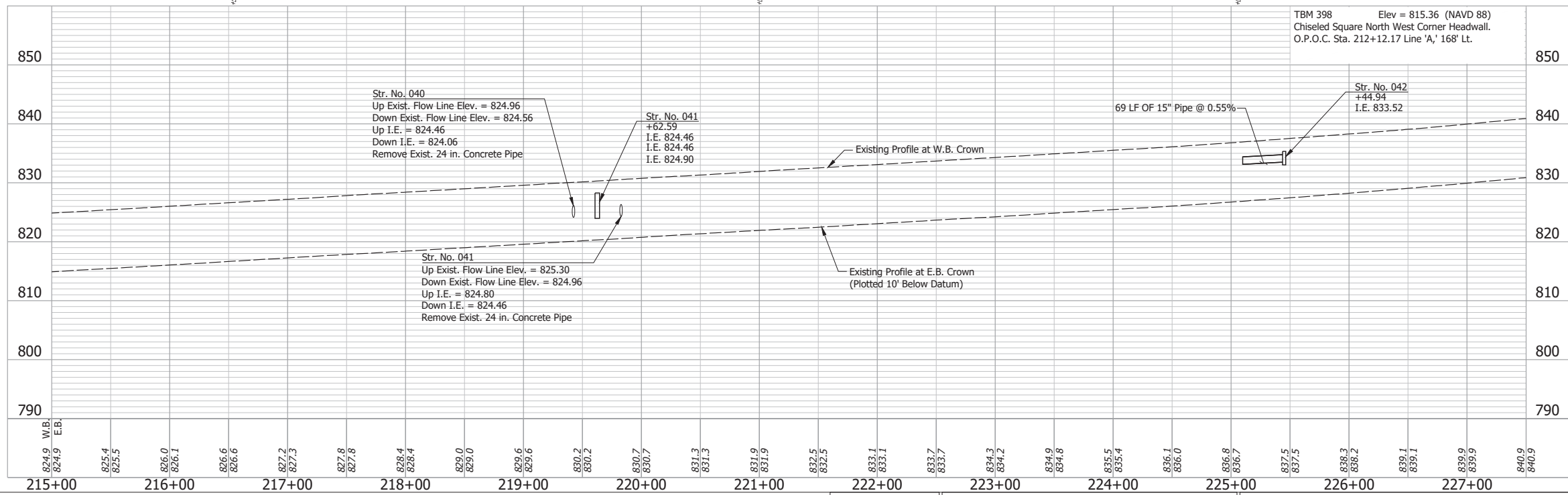
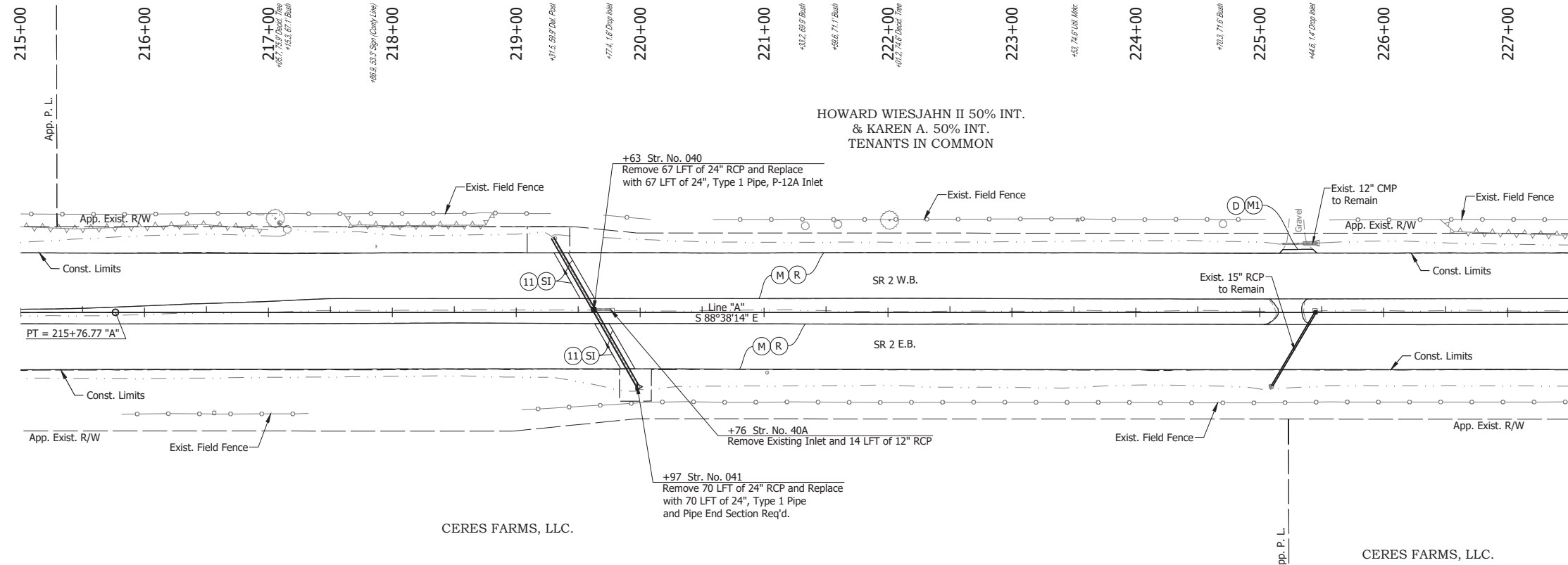
Date: Jun 28, 2023, 4:25pm User Name: Sara.Munroe  
 File: X:\production\files\2020120-3001\PCU\PCU\Plans\Set\Stk\_RD\_PlanProfile\_02.dwg (Plan & Profile (14))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"**  
**STA. 202+50 TO STA. 215+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	127 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

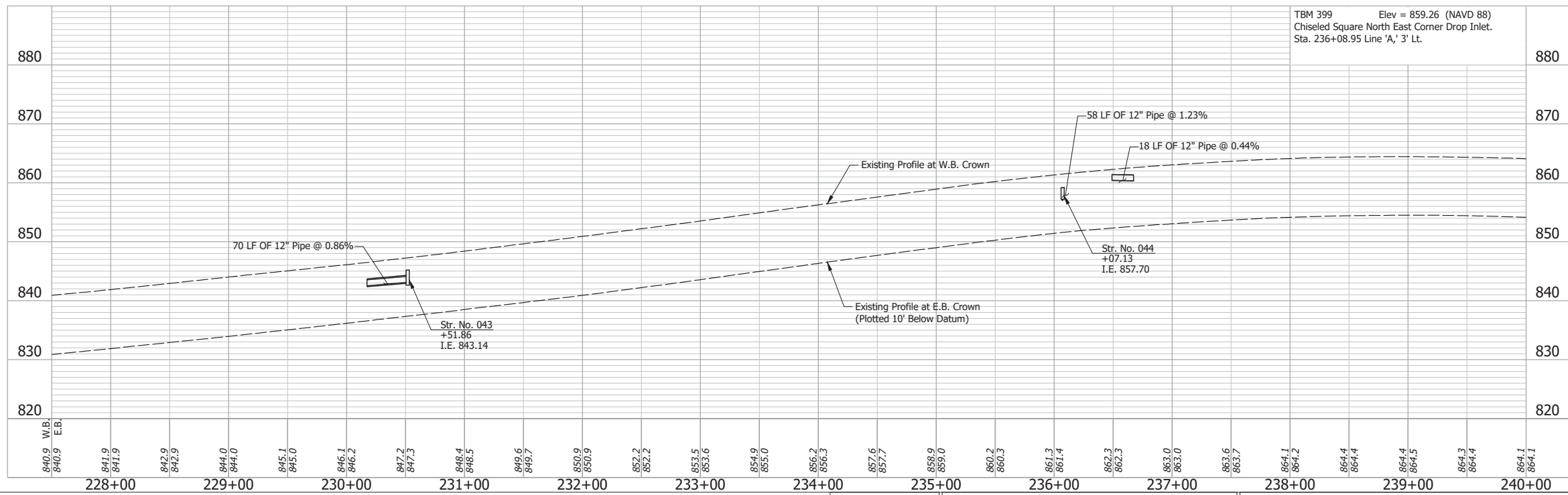
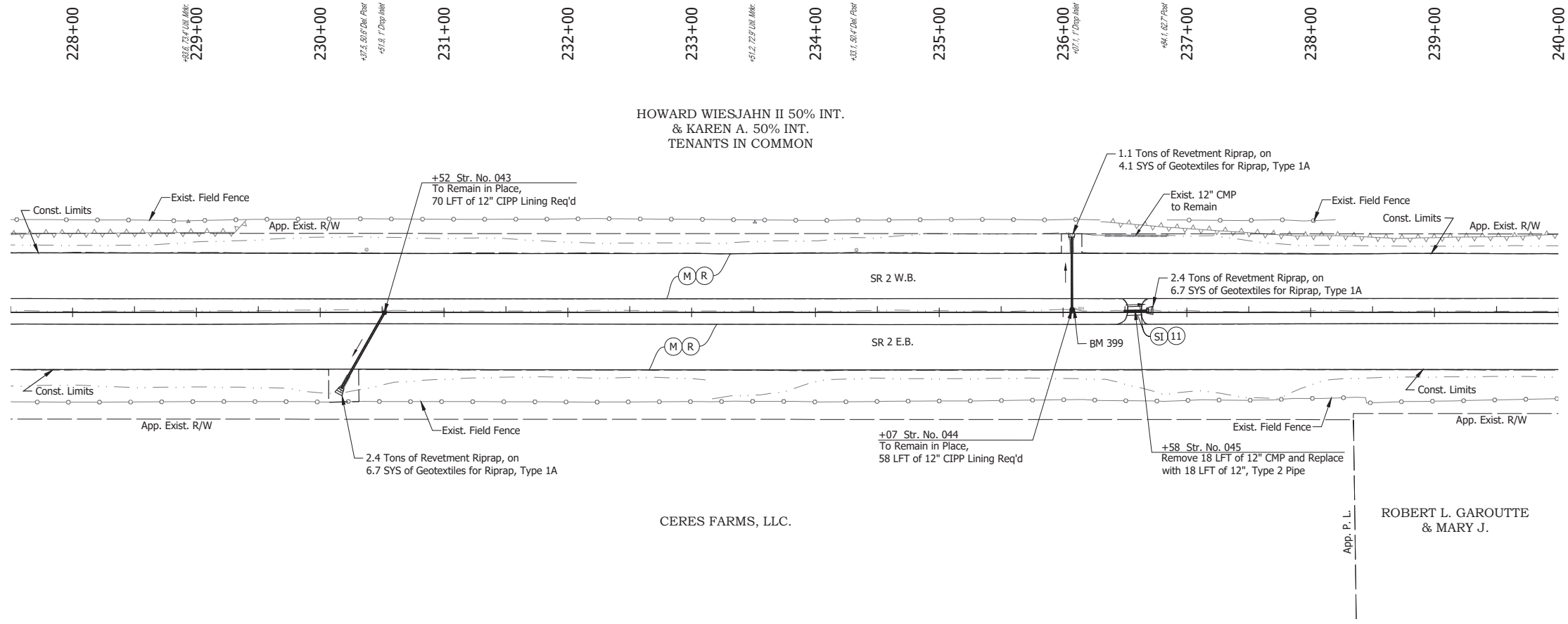
Date: Jun 28, 2023, 4:25pm User Name: Sara Munsie File: X:\Production\Files\2020\120-3001\PC\04\Plan\Profile\_02.dwg (Plan & Profile) (15)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 215+00 TO STA. 227+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	128 of 321
CONTRACT	PROJECT
R-42444	1900177



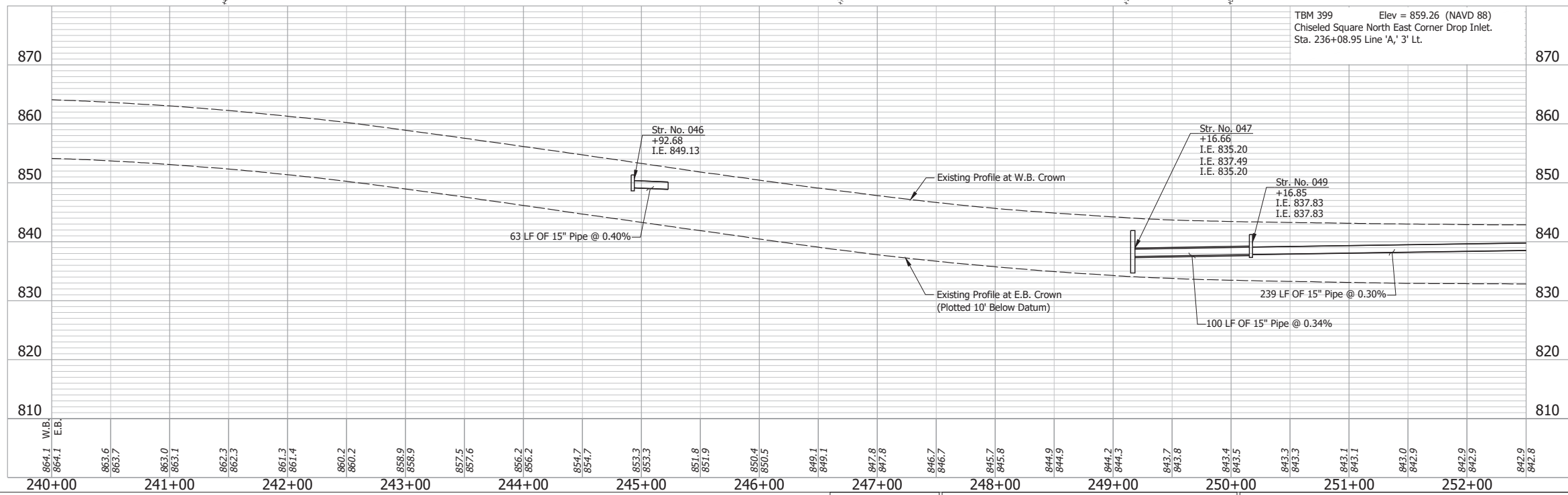
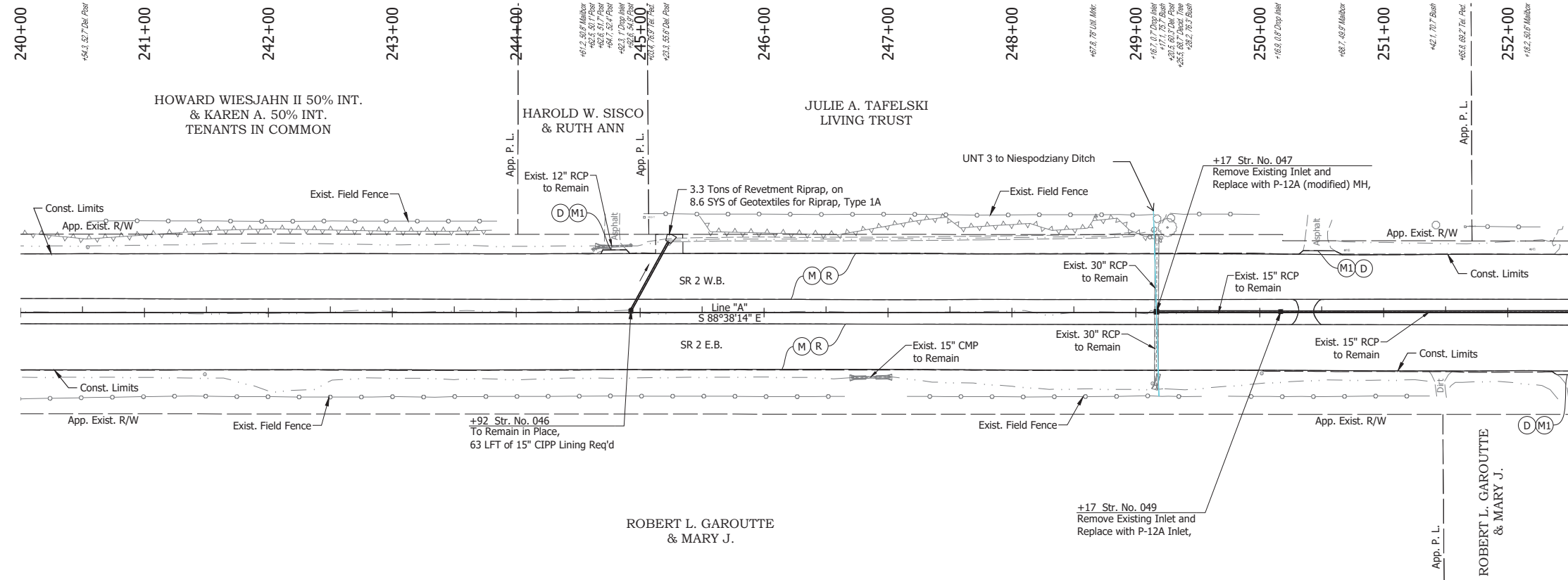
TBM 399 Elev = 859.26 (NAVD 88)  
 Chiseled Square North East Corner Drop Inlet.  
 Sta. 236+08.95 Line 'A', 3' Lt.

- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:26pm User Name: Sara.Munsted  
 File: X:\production\files\20201220-2001\PC\04\04\Plans\Set\Chk\_RD\_Plan\Profile\_02.dwg (Plan & Profile (16))

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM		PLAN AND PROFILE - LINE "A" STA. 227+50 TO STA. 240+00		VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF				SURVEY BOOK		SHEET	
						ELECTRONIC		129 of 321	
						CONTRACT		PROJECT	
						R-42444		1900177	





**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (11) Sawcut

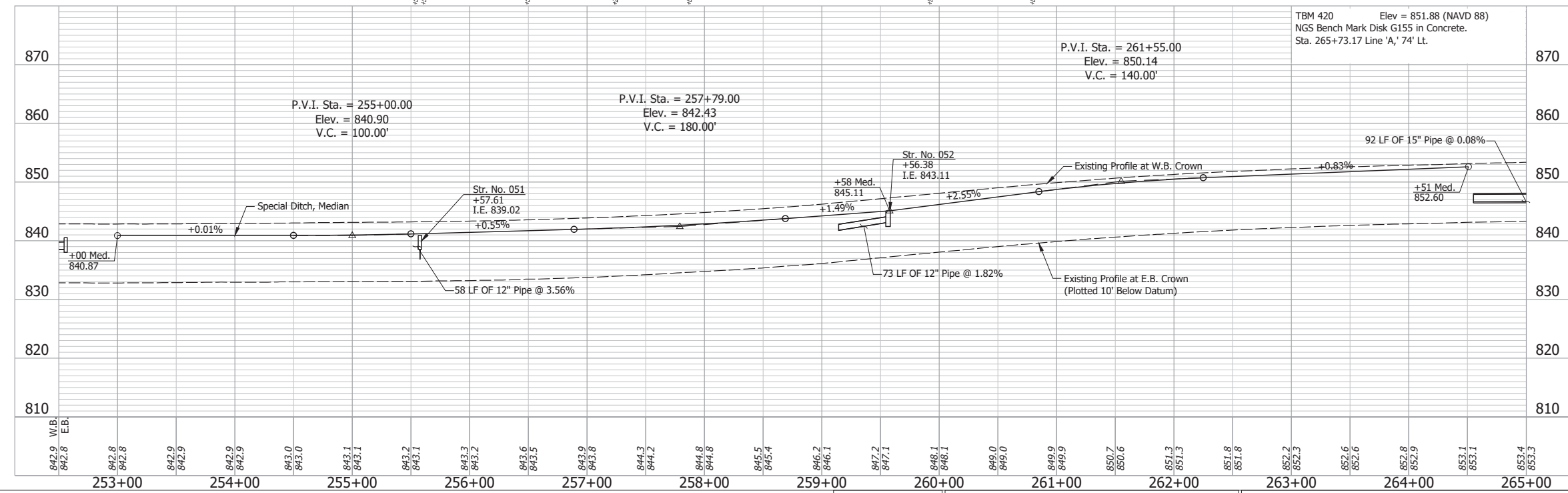
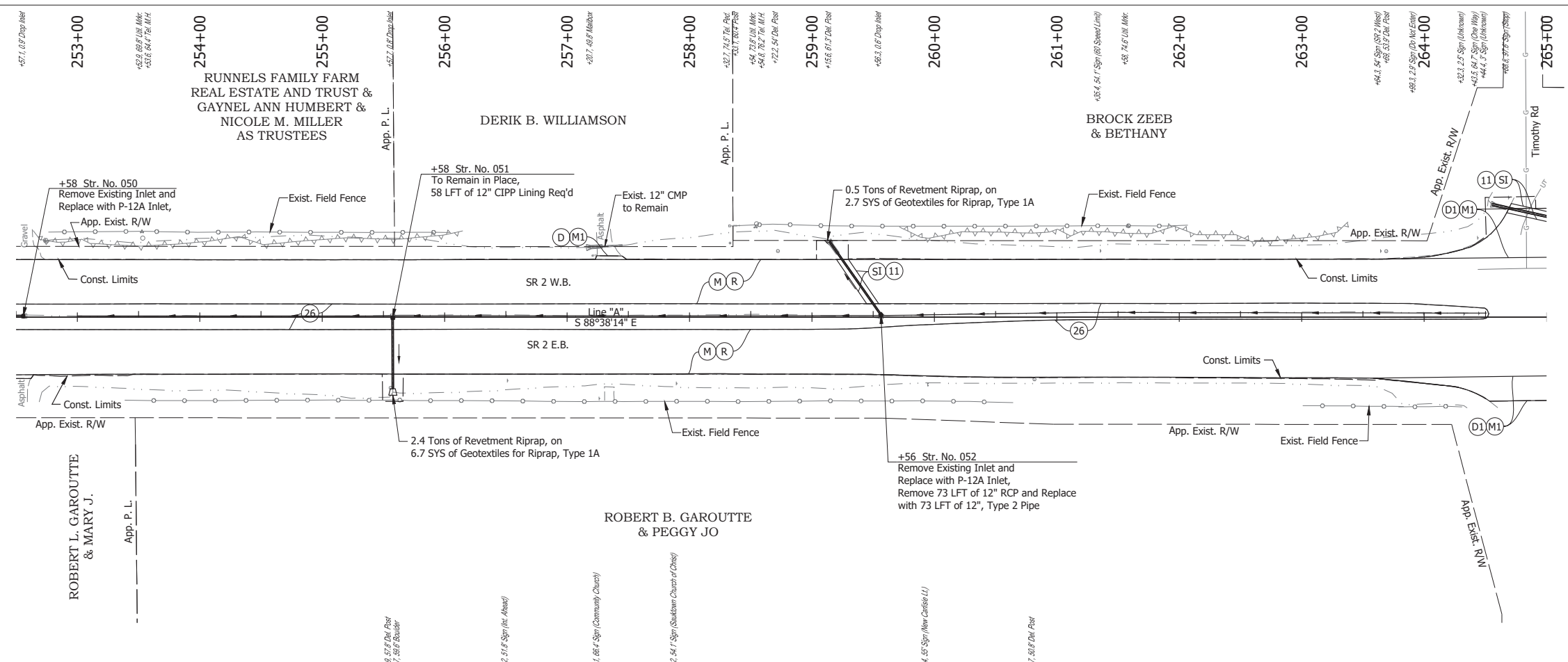
Date: Jun 28, 2023, 4:27pm User Name: Sara.Munick  
File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Chk\_CD\_PlanProfile\_02.dwg (Plan & Profile (17))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"**  
**STA. 240+00 TO STA. 252+00**

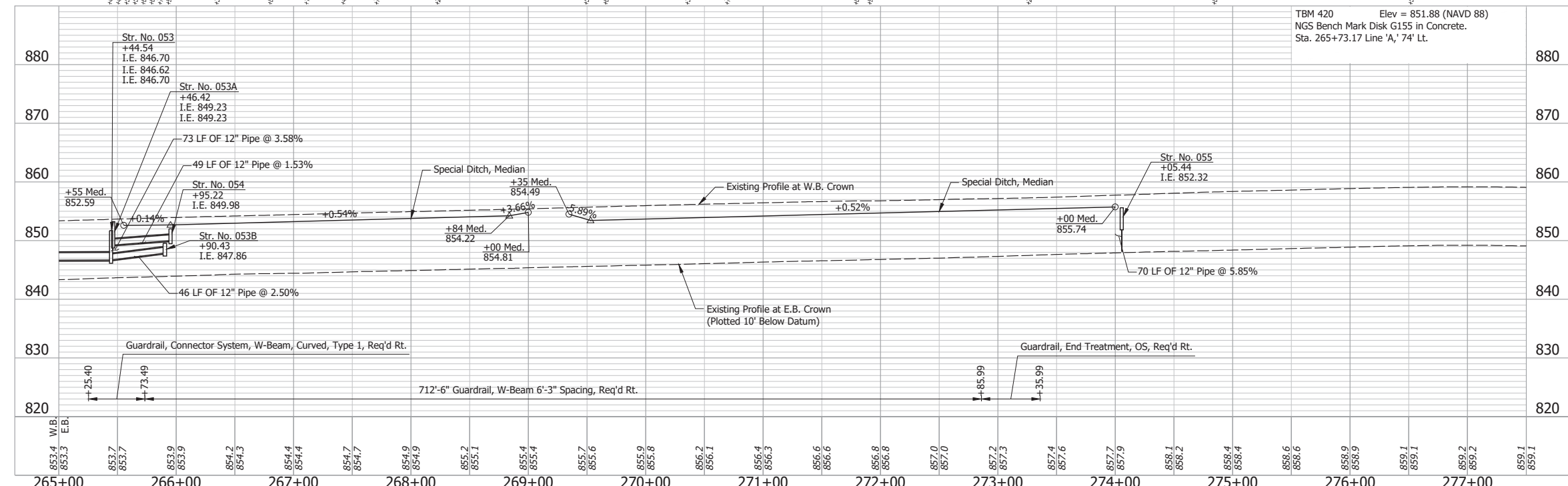
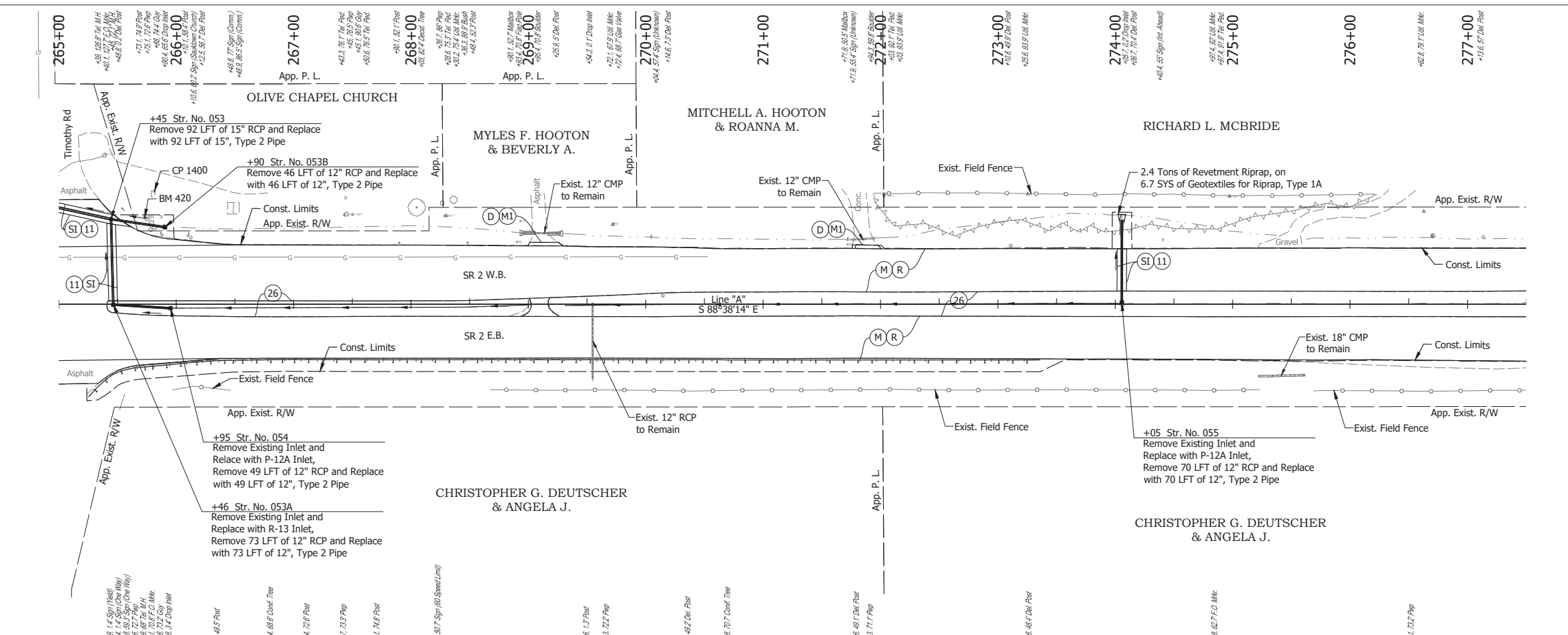
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	130 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut
  - (26) Sodding, Nursery

Date: Jun 28, 2023, 4:27pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PC\194\194\Plans\Set\Chk\_RD\_PlanProfile\_02.dwg (Plan & Profile) (18)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: _____ SFM DRAWN: _____ SFM CHECKED: _____ WBF CHECKED: _____ WBF	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>PLAN AND PROFILE - LINE "A"</b> <b>STA. 252+50 TO STA. 265+00</b>	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10' SURVEY BOOK ELECTRONIC 131 of 321 CONTRACT R-42444 PROJECT 1900177	BRIDGE FILE N/A DESIGNATION 1900177 SHEET 131 of 321 PROJECT 1900177
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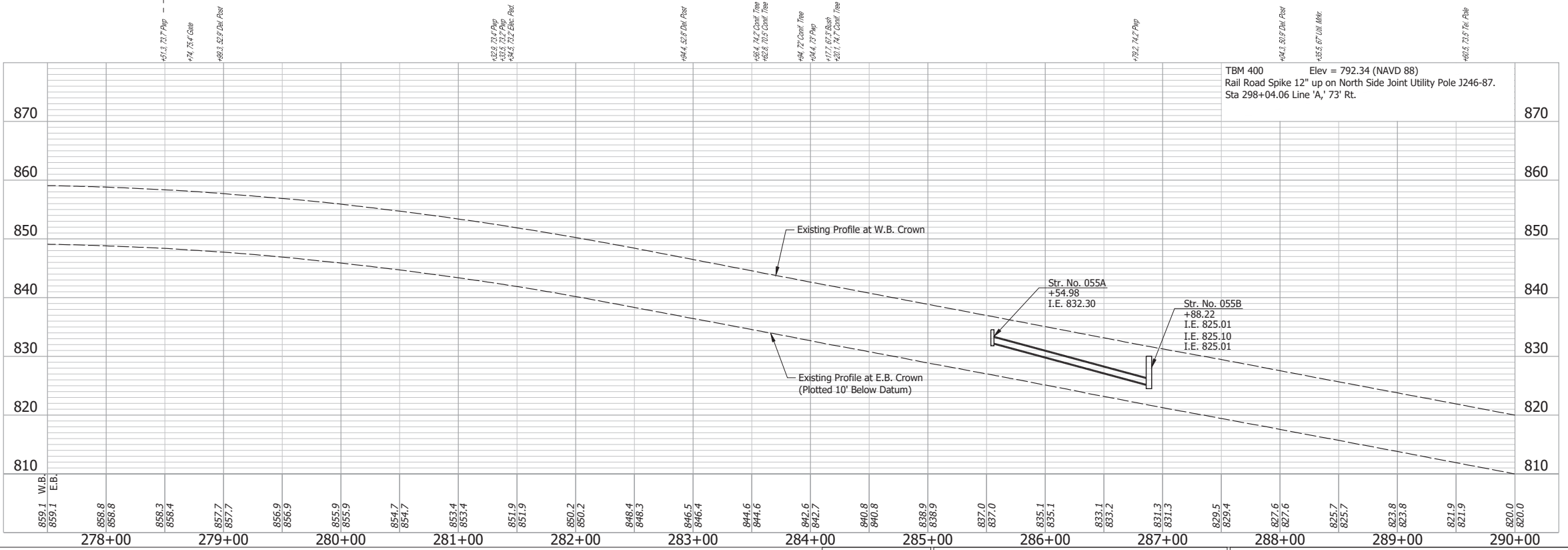
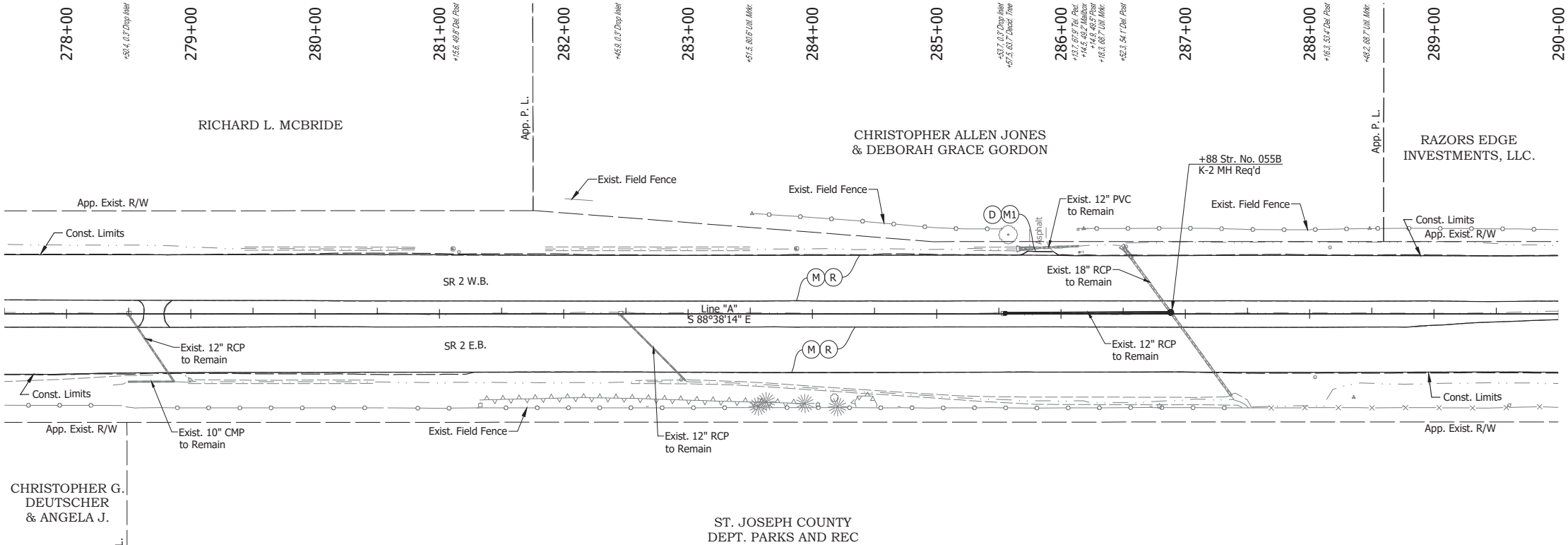


- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
  - (11) Sawcut
  - (26) Sodding, Nursery

Date: Jun 28, 2023, 4:28pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\194\194\Plans\Set\Sta\_CD\_PlanProfile\_02.dwg (Plan & Profile) (19)

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
							1" = 50'	N/A
							VERTICAL SCALE	DESIGNATION
							1" = 10'	1900177
DESIGNED: SFM	DRAWN: SFM	PLAN AND PROFILE - LINE "A"			SHEET		ELECTRONIC 132 of 321	
CHECKED: WBF	CHECKED: WBF	STA. 265+00 TO STA. 277+50			PROJECT		R-42444 1900177	





**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 26, 2023, 4:28pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\04\PlanProfile\_02.dwg (Plan & Profile (2D))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
STA. 277+50 TO STA. 290+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	133 of 321
CONTRACT	PROJECT
R-42444	1900177

290+00  
+387.3, 3.2' Drop Inlet

291+00

292+00  
+468.8, 68.7' US. Mile

293+00  
+467.9, 70.7' US. Mile

294+00  
+651.7, 2' Drop Inlet  
+665.5, 6.6' Sp. (Hwy)  
+686.6, 7.1' Boulder  
+717.9, 2' Drop Inlet  
+721.1, 69.3 Boulder  
+772.6, 25.2 Boulder  
+814.1, 7.4 Boulder  
+815.5, 7.4 Boulder  
+816.7, 6.7' Sp. (Hwy)  
+824.5, 5.2' Sp. (Hwy)  
+828.4, 7' Sp. (Chop Hwy)  
+831.8, 53.7' Millwork  
+833.8, 0.2' Drop Inlet

296+00

297+00

298+00

299+00  
+168.8, 67.4' US. Mile  
+32.0, 0.1' Drop Inlet

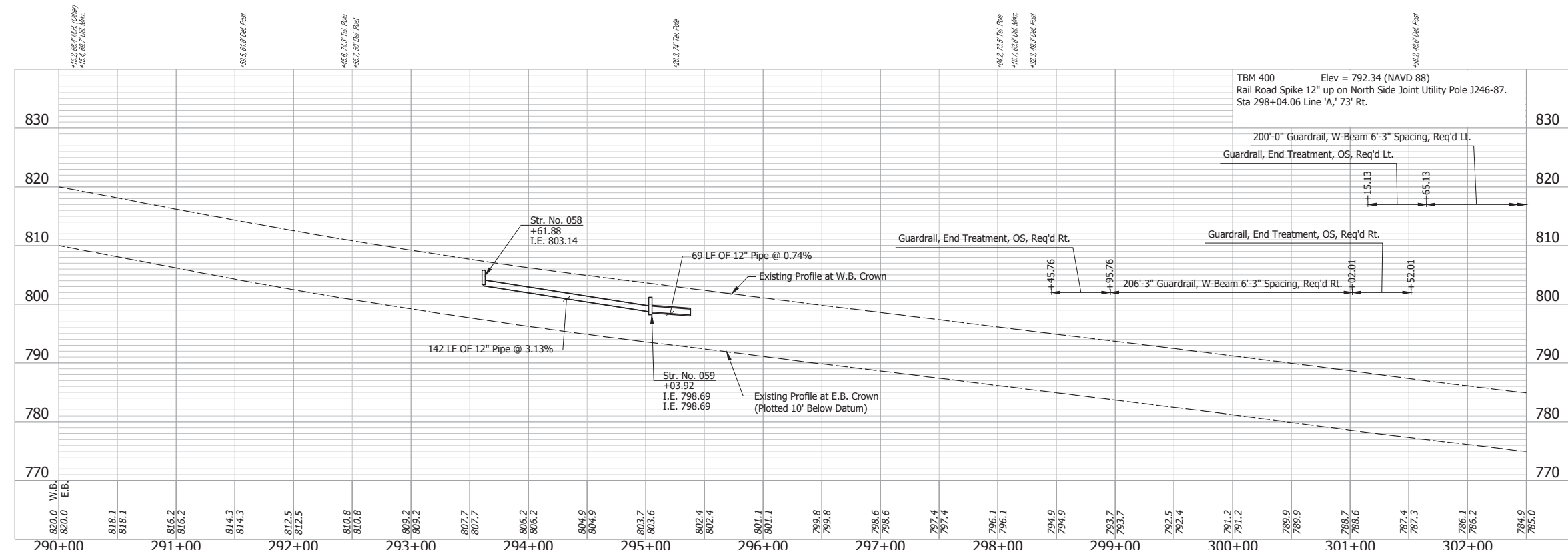
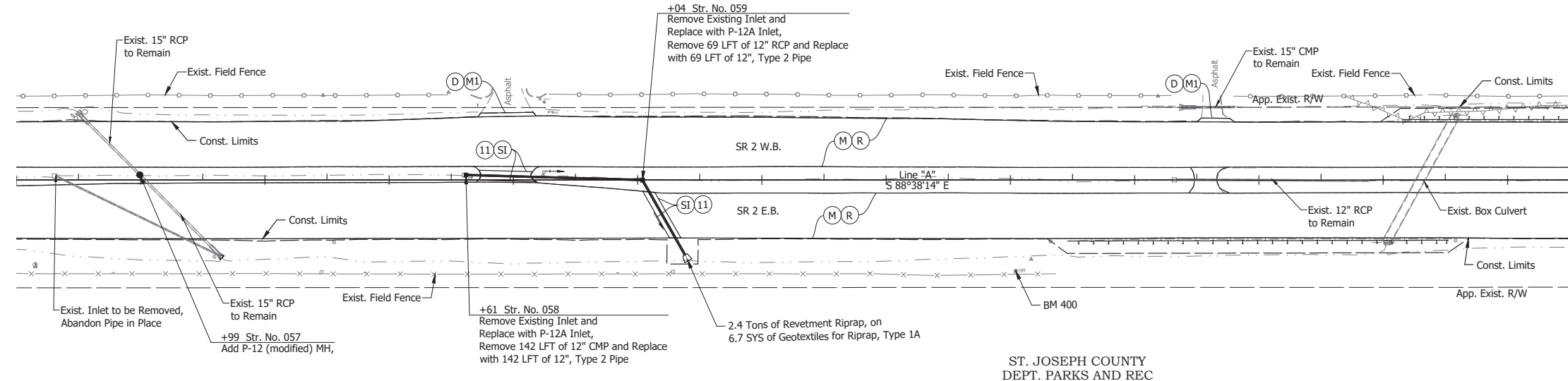
300+00  
+201.2, 67.7' US. Mile

301+00

302+00

RAZORS EDGE INVESTMENTS, LLC.

ST. JOSEPH COUNTY  
DEPT. PARKS AND REC



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

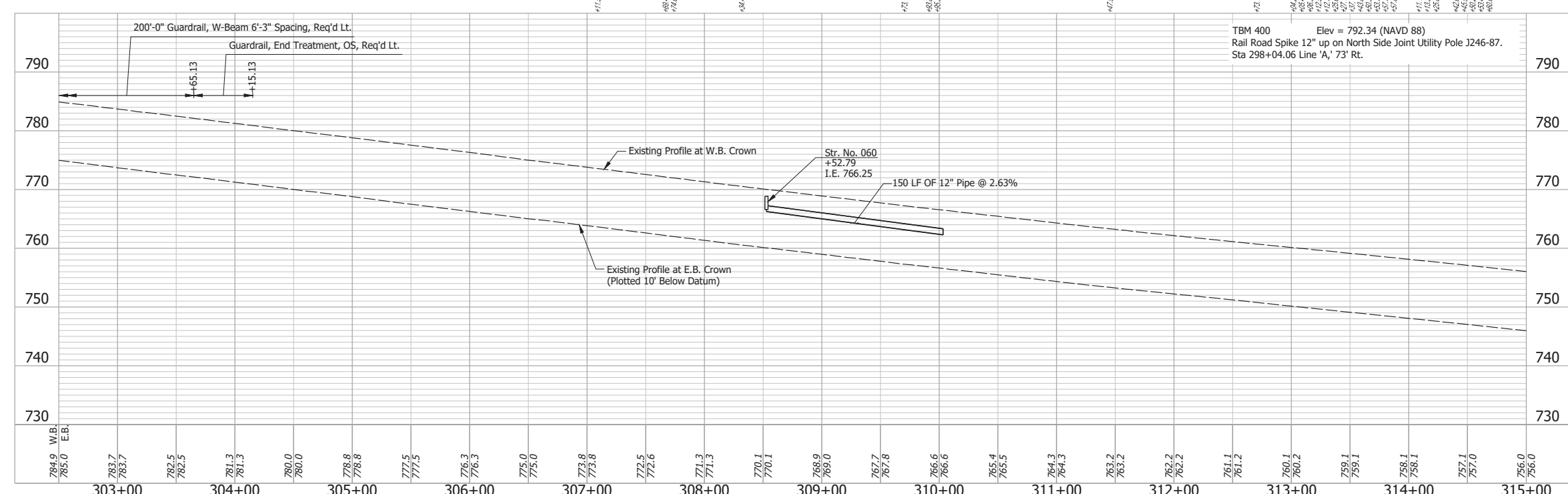
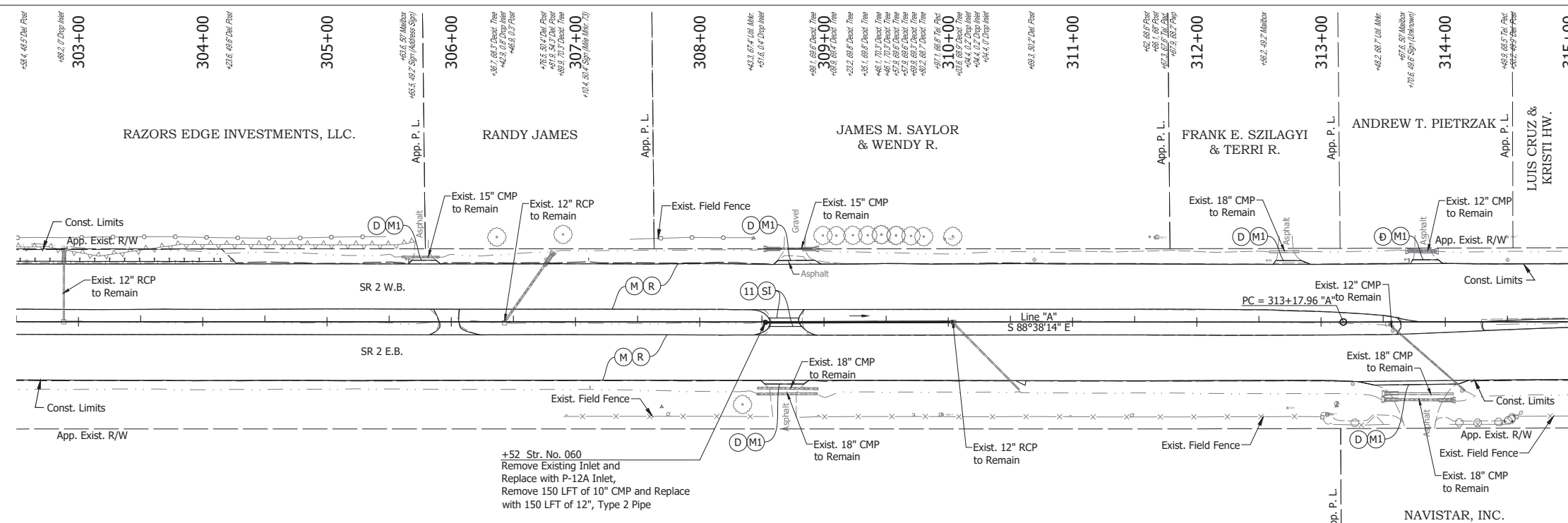
Date: Jun 26, 2023, 4:29pm User Name: Sara Munsie  
File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Chk\_RD\_PlanProfile\_02.dwg (Plan & Profile) (21)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
STA. 290+00 TO STA. 302+00**

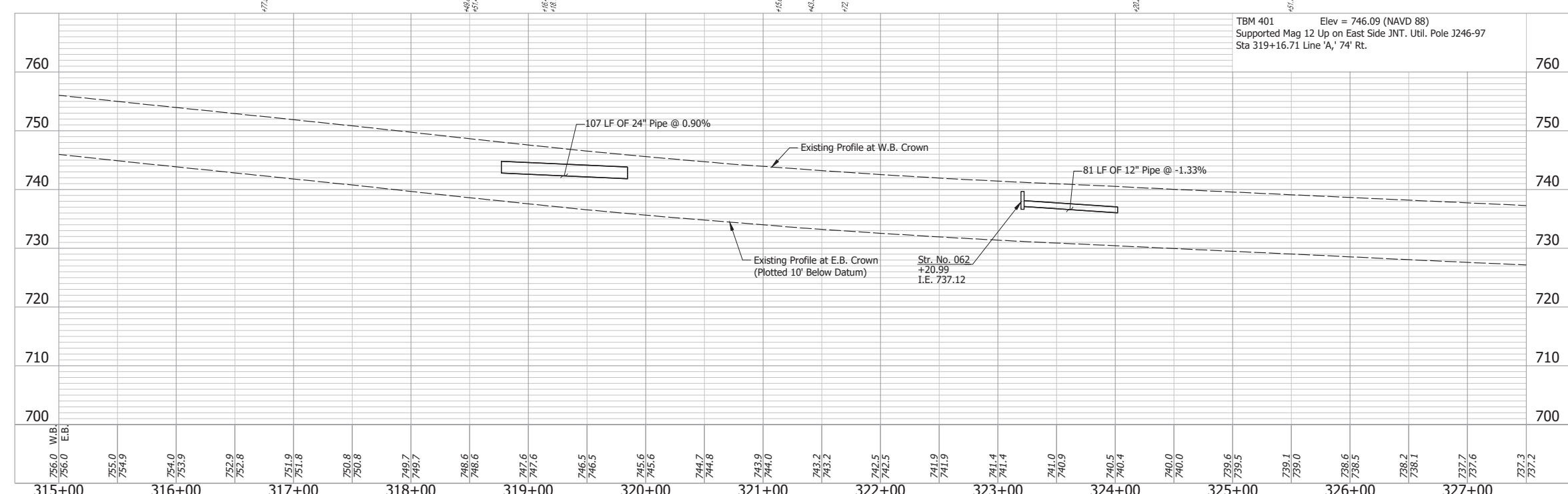
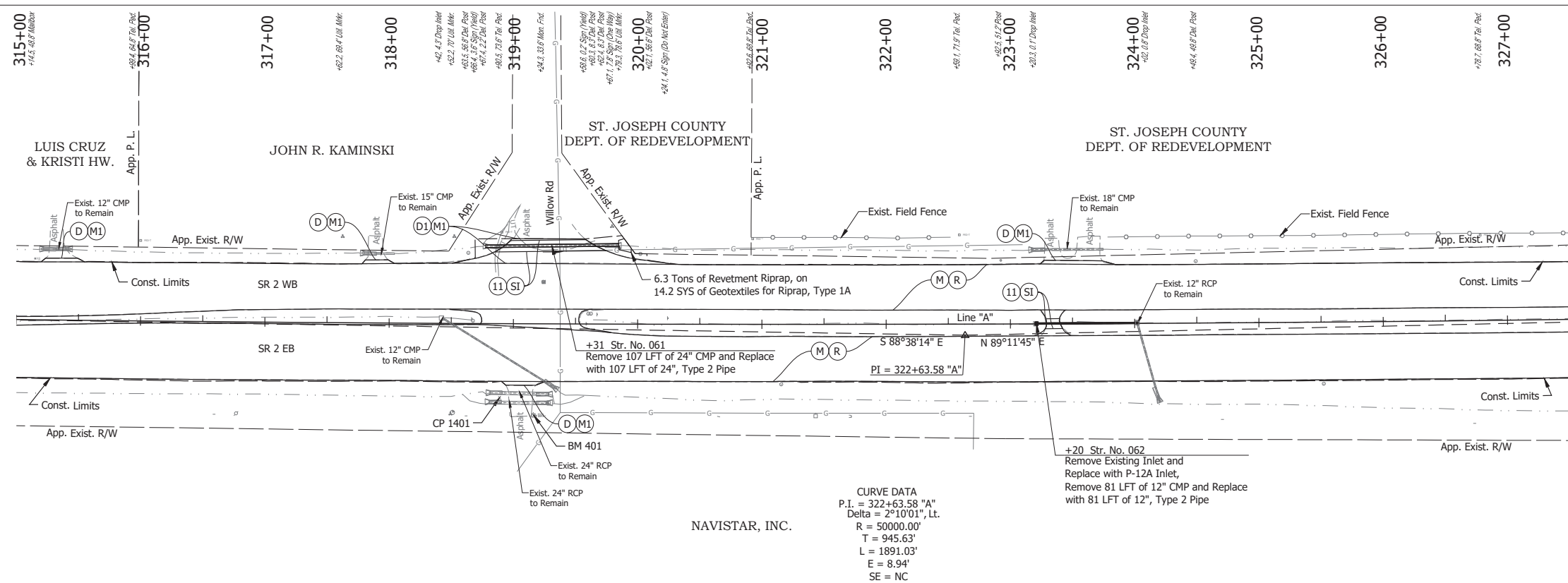
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	134 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
  - (11) Sawcut

Date: Jun 28, 2023, 4:26pm User Name: Sara.Munroe  
 File: X:\production\files\2020120-3001\PC\04\Plans\Set\Chk\_RD\_PlanProfile\_02.dwg (Plan & Profile) (22)

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
							1" = 50'		N/A	
DESIGNED: SFM		DRAWN: SFM			VERTICAL SCALE		DESIGNATION		SURVEY BOOK	
CHECKED: WBF		CHECKED: WBF			1" = 10'		1900177		SHEET	
PLAN AND PROFILE - LINE "A" STA. 302+50 TO STA. 315+00					CONTRACT		PROJECT		135 of 321	
					R-42444		1900177			



**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

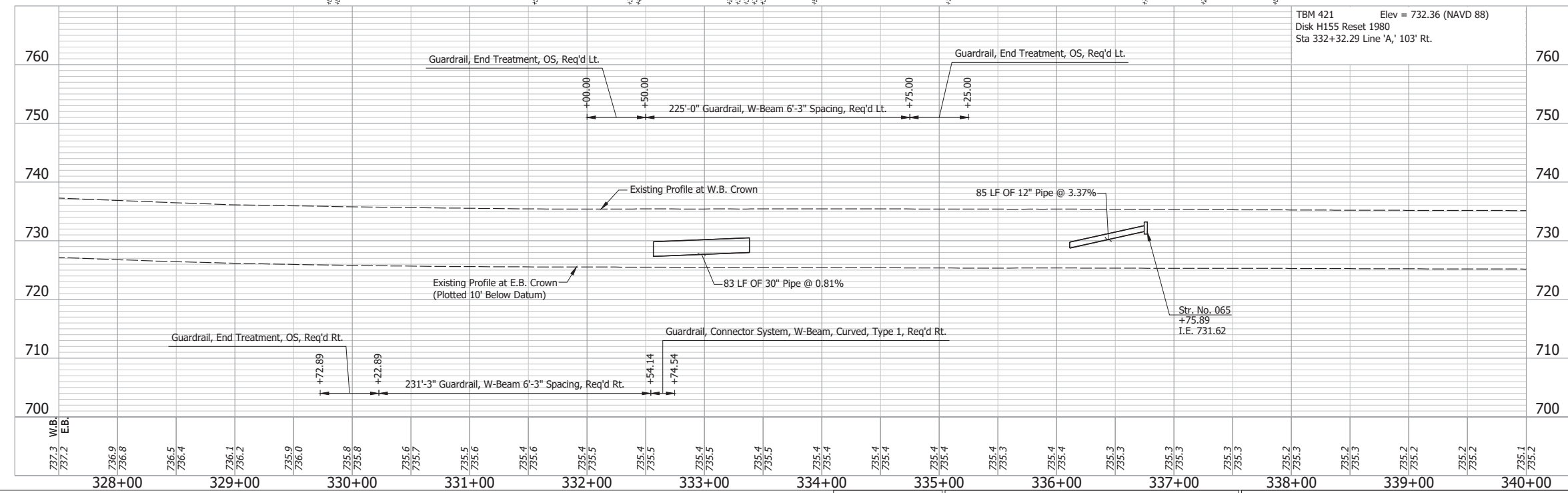
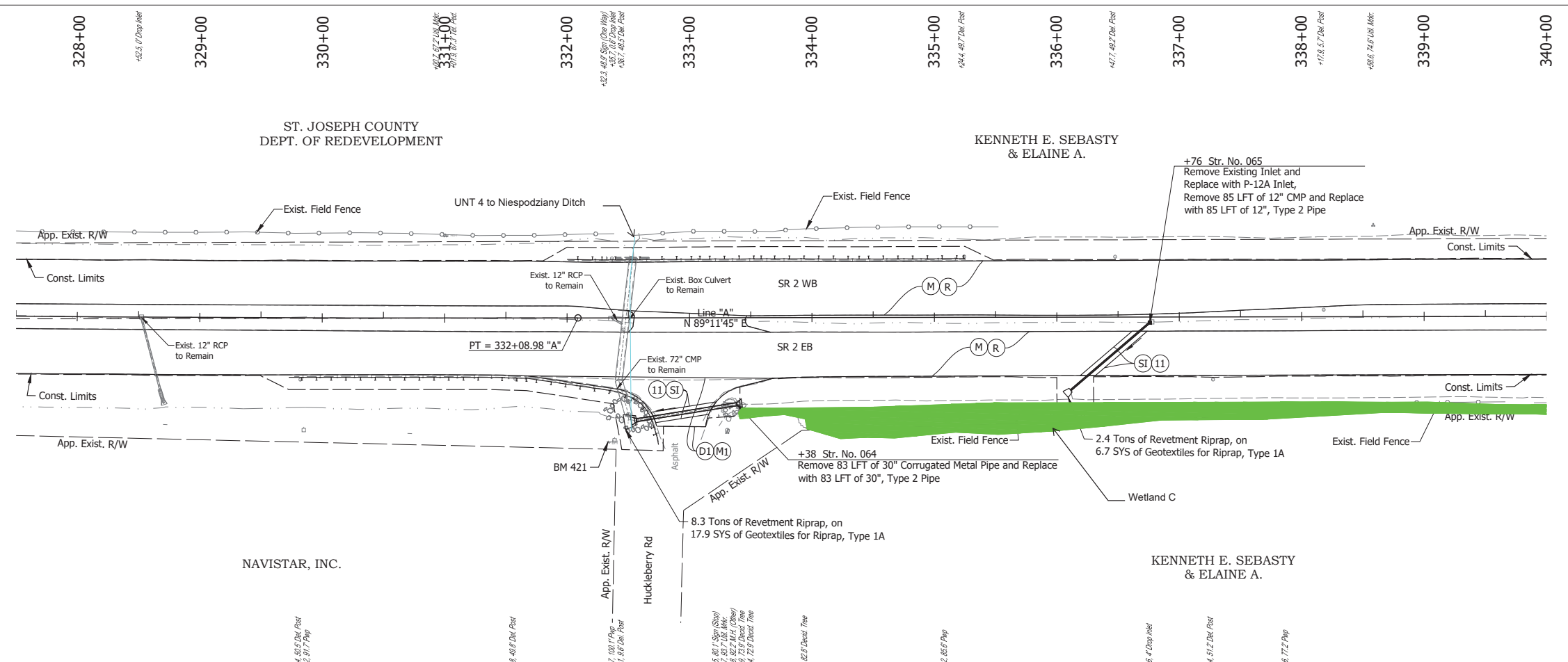
Date: Jun 28, 2023, 4:21pm User Name: Sara Munsie  
File: X:\production\files\2020120-3001\PC\194\CD\Plans\Set\Stk\_RD\_PlanProfile\_03.dwg (Plan & Profile) (23)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 315+00 TO STA. 327+50**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	136 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

Date: Jun 28, 2023, 4:23pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\04\Plan\Profile\_03.dwg (Plan & Profile (24))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

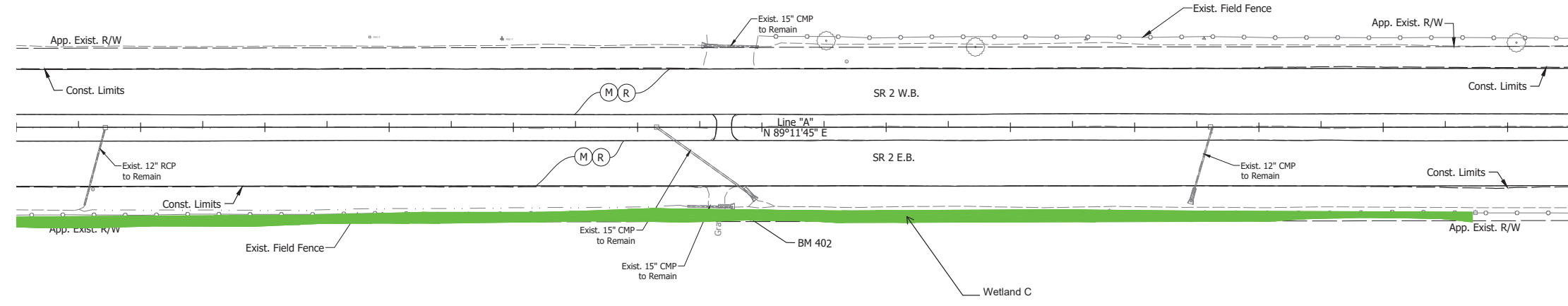
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 327+50 TO STA. 340+00**

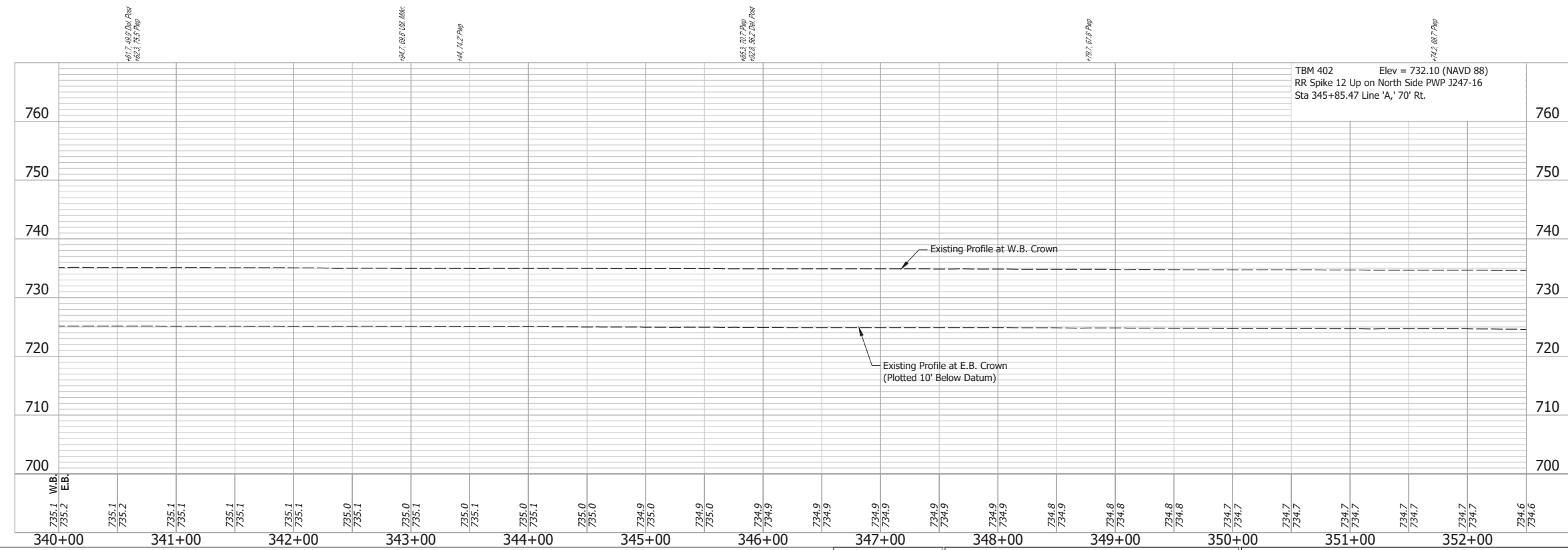
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	137 of 321
CONTRACT	PROJECT
R-42444	1900177

340+00  
+71.1, 0.2' Drop/ft  
341+00  
342+00  
343+00  
+46.4, 2.0' Rise/ft  
344+00  
+48.8, 7.4' US, Mkt  
+49.2, 7.7' Rise/ft  
345+00  
+15.2, 0.7' Drop/ft  
346+00  
+65.3, 6.7' Pwp  
+51.7, 8.6' Desc. Twp  
+48.2, 5.2' Desc. Pwp  
347+00  
+71.6, 8.6' Desc. Twp  
348+00  
+68.8, 7.7' US, Mkt  
349+00  
+45.8, 7.2' US, Mkt  
+49.1, 0.2' Drop/ft  
350+00  
351+00  
352+00  
+47.7, 0.8' Desc. Twp

KENNETH E. SEBASTY  
& ELAINE A.



KENNETH E. SEBASTY  
& ELAINE A.



**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (M) Milling, Asphalt, 4 in. minimum
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:32pm User Name: Sara Munsie  
File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_03.dwg (Plan & Profile (25))

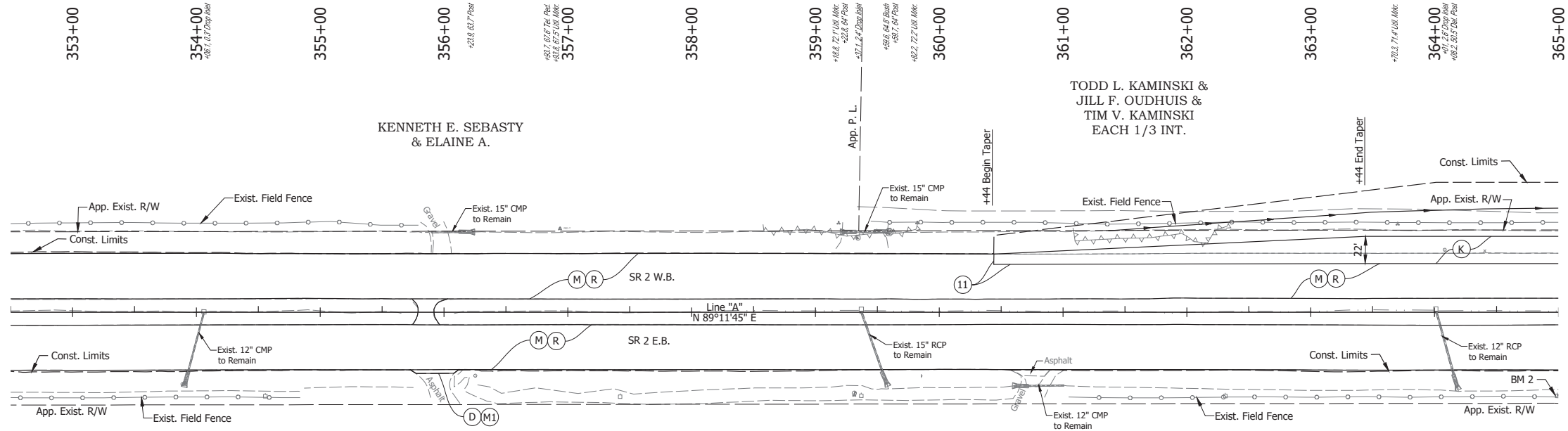
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

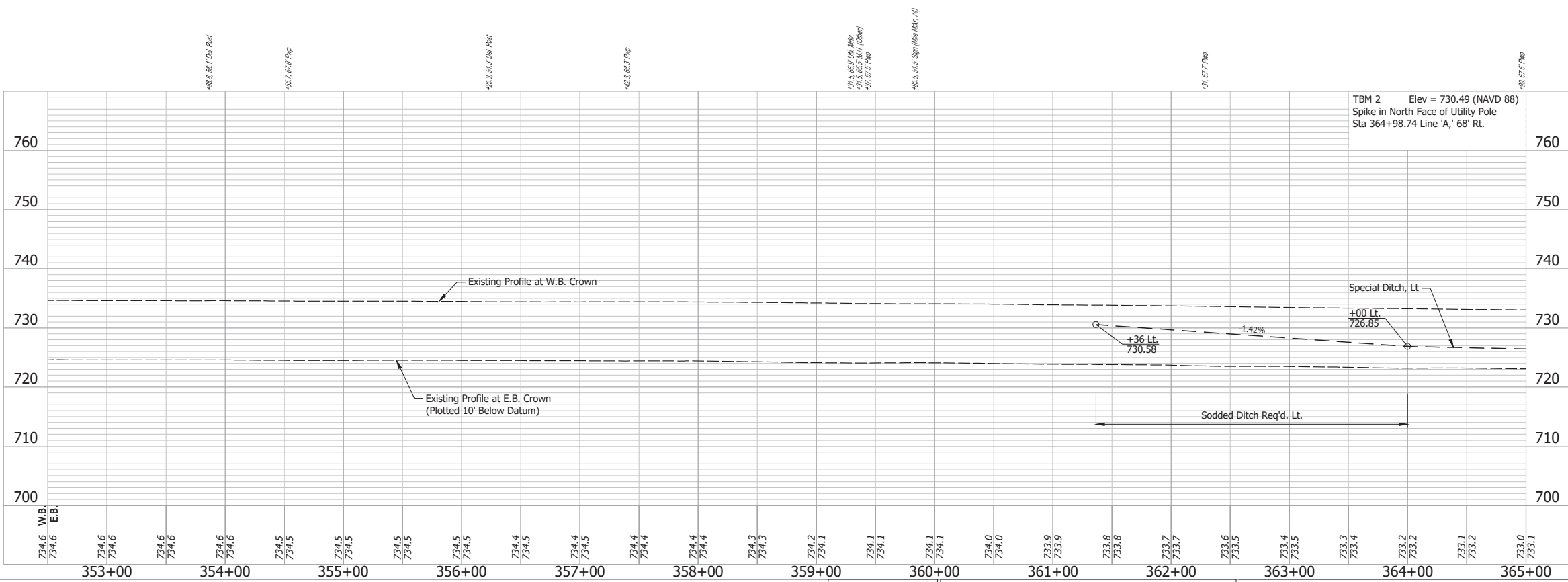
**PLAN AND PROFILE - LINE "A"**  
**STA. 340+00 TO STA. 352+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	138 of 321
CONTRACT	PROJECT
R-42444	1900177





KENNETH E. SEBASTY & ELAINE A.



**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (11) Sawcut

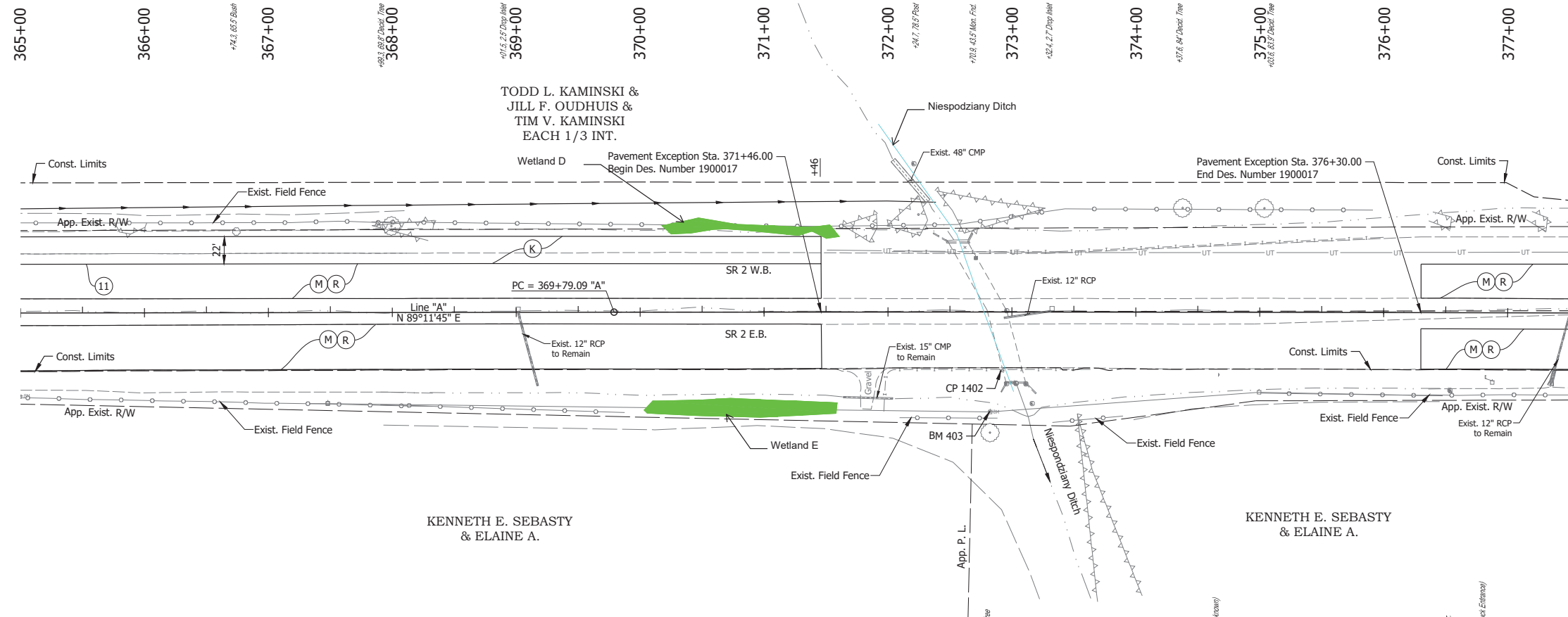
Date: Jun 28, 2023, 4:33pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_03.dwg (Plan & Profile (26))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 352+50 TO STA. 365+00**

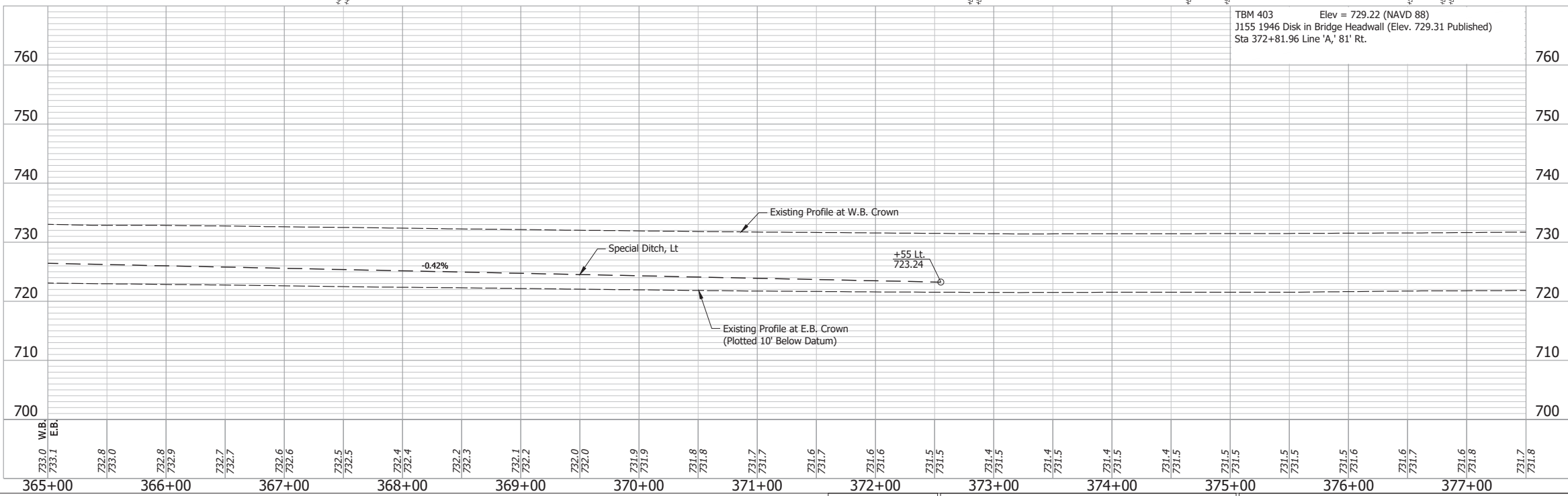
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	139 of 321
CONTRACT	PROJECT
R-42444	1900177



TODD L. KAMINSKI &  
JILL F. OUDHUIS &  
TIM V. KAMINSKI  
EACH 1/3 INT.

KENNETH E. SEBASTY  
& ELAINE A.

KENNETH E. SEBASTY  
& ELAINE A.



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (K) HMA Pavement, Full Depth:  
Pavement Design still to be Determined
  - (M) Milling, Asphalt, 4 in. minimum
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (11) Sawcut

Date: Jun 28, 2023, 4:33pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PC\194\CD\Plans\Set\Stk\_RD\_PlanProfile\_03.dwg (Plan & Profile (27))

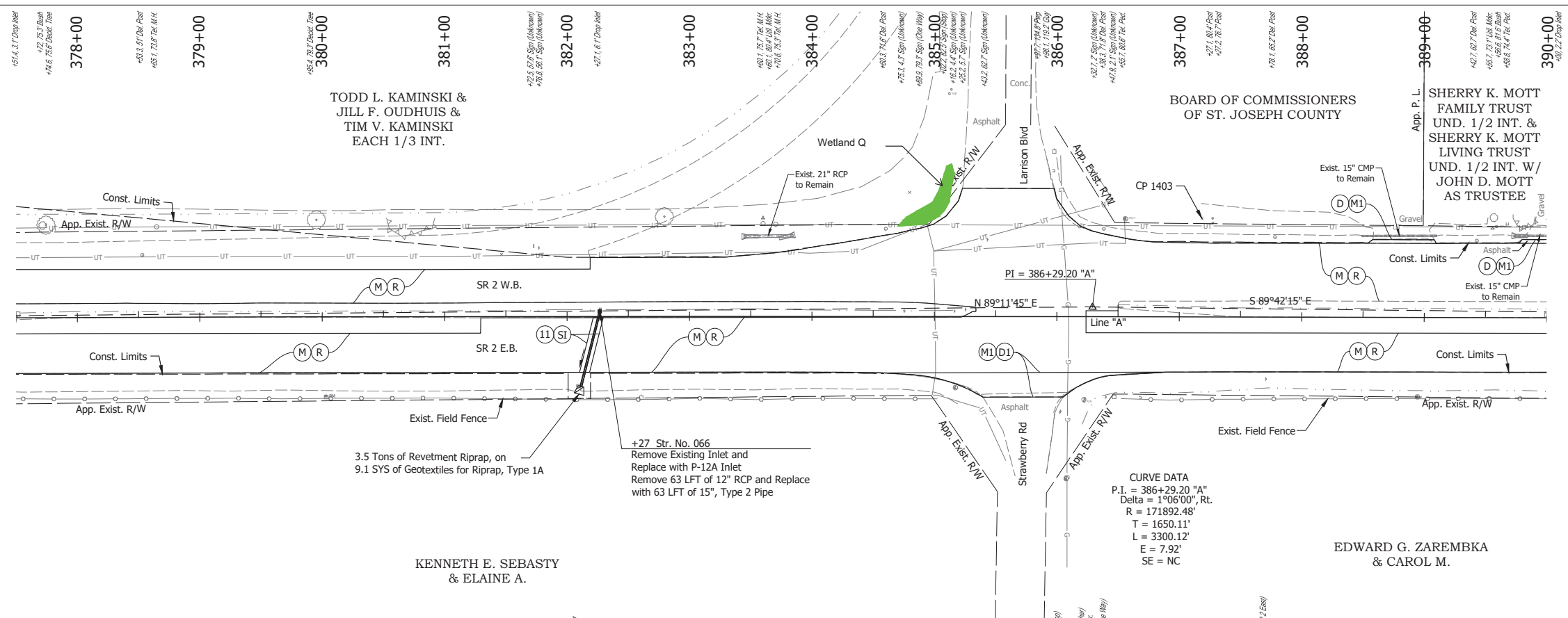
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

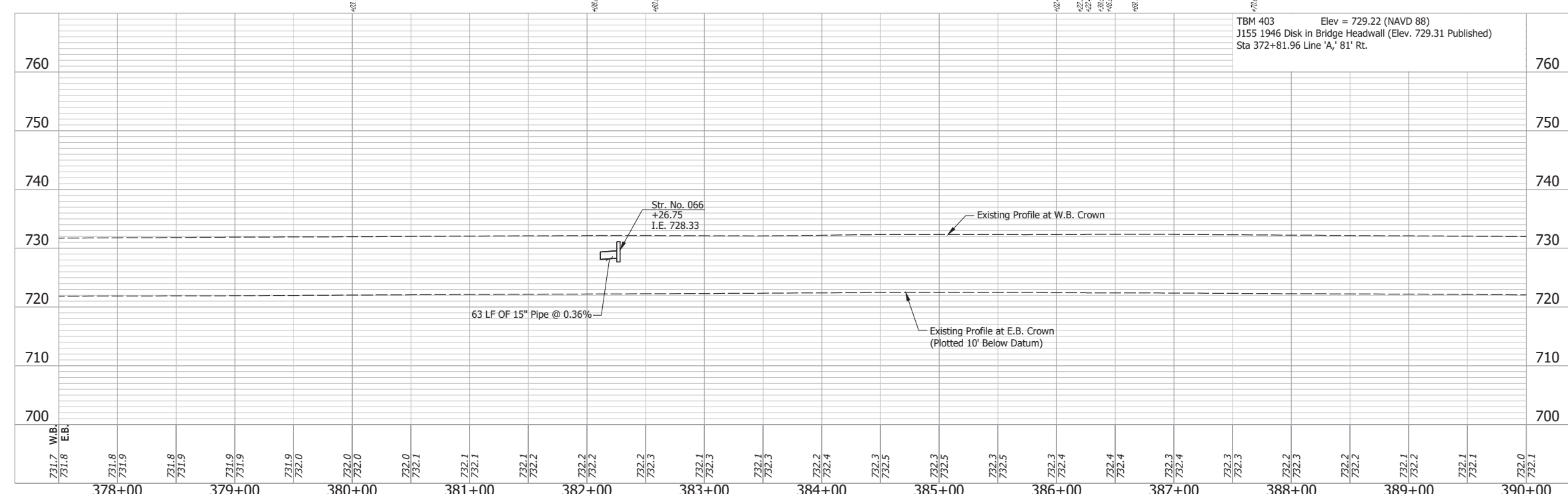
**PLAN AND PROFILE - LINE "A"**  
**STA. 365+00 TO STA. 377+50**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	140 of 321
CONTRACT	PROJECT
R-42444	1900177





**CURVE DATA**  
 P.I. = 386+29.20 "A"  
 Delta = 1°06'00", Rt.  
 R = 171892.48'  
 T = 1650.11'  
 L = 3300.12'  
 E = 7.92'  
 SE = NC



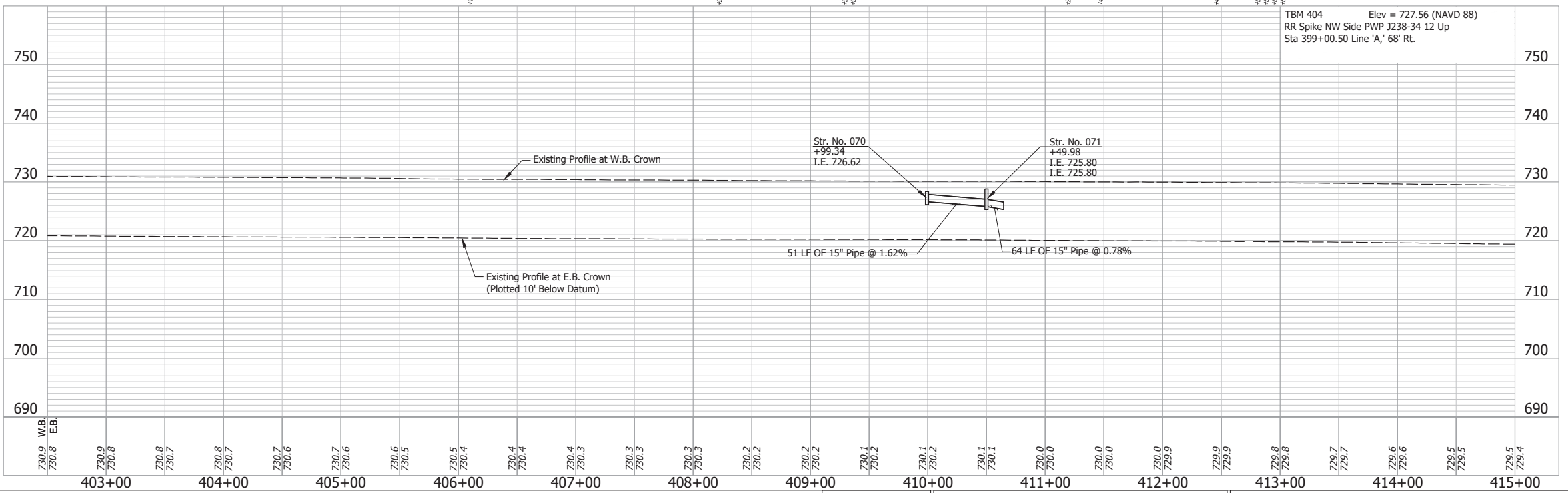
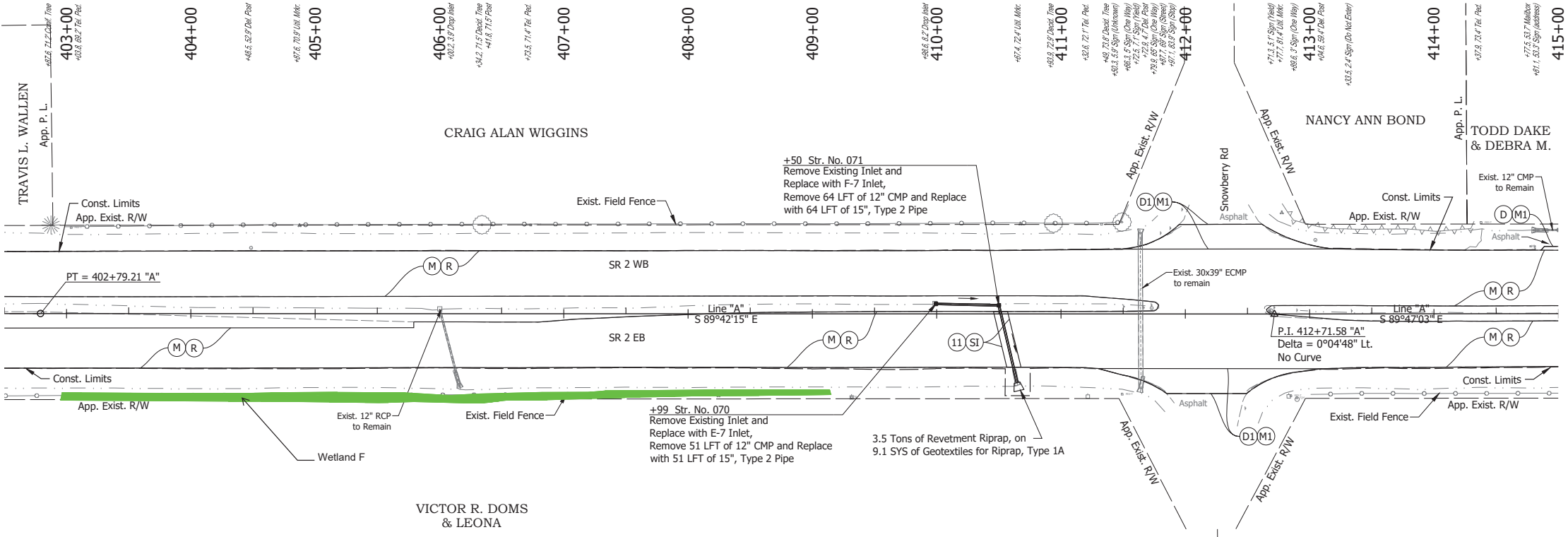
TBM 403 Elev = 729.22 (NAVD 88)  
 J155 1946 Disk in Bridge Headwall (Elev. 729.31 Published)  
 Sta 372+81.96 Line 'A', 81' Rt.

- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm on
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:36pm User Name: Sara.Munroe  
 File: X:\production\files\20201220-3001\PC\14\14\Plans\Set\Stk\_RD\_Plan\Profile\_03.dwg (Plan & Profile) (28)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>PLAN AND PROFILE - LINE "A"</b> <b>STA. 377+50 TO STA. 390+00</b>	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM	DRAWN: SFM			1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF			VERTICAL SCALE	DESIGNATION
			1" = 10'	1900177	
				SURVEY BOOK	SHEET
				ELECTRONIC	141 of 321
				CONTRACT	PROJECT
				R-42444	1900177





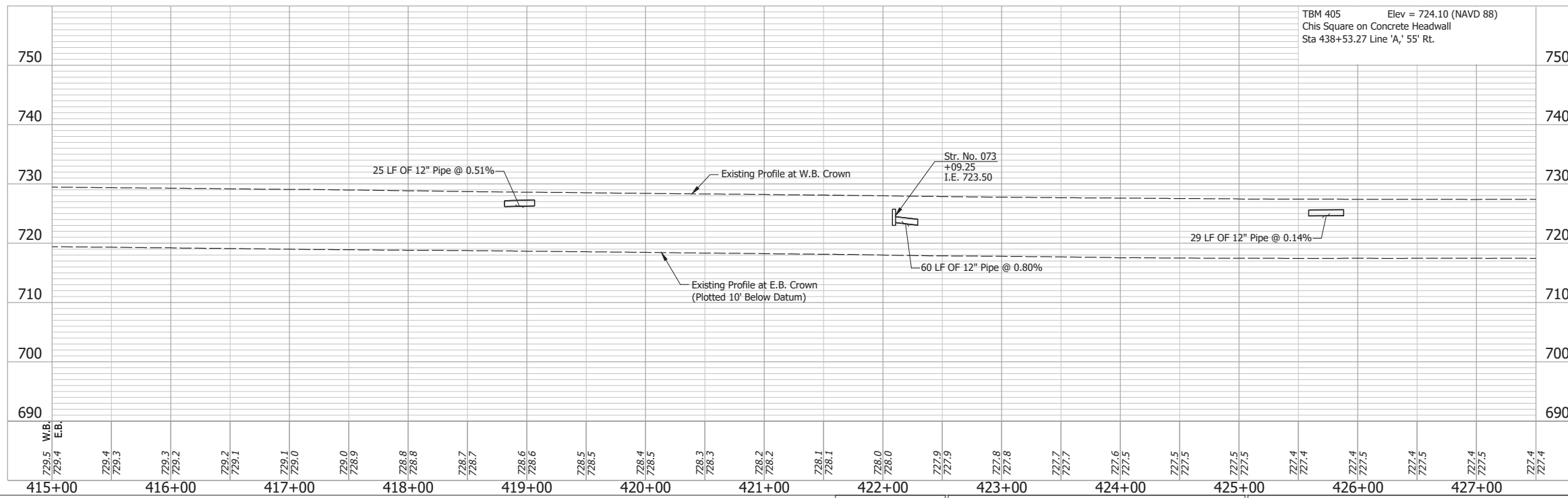
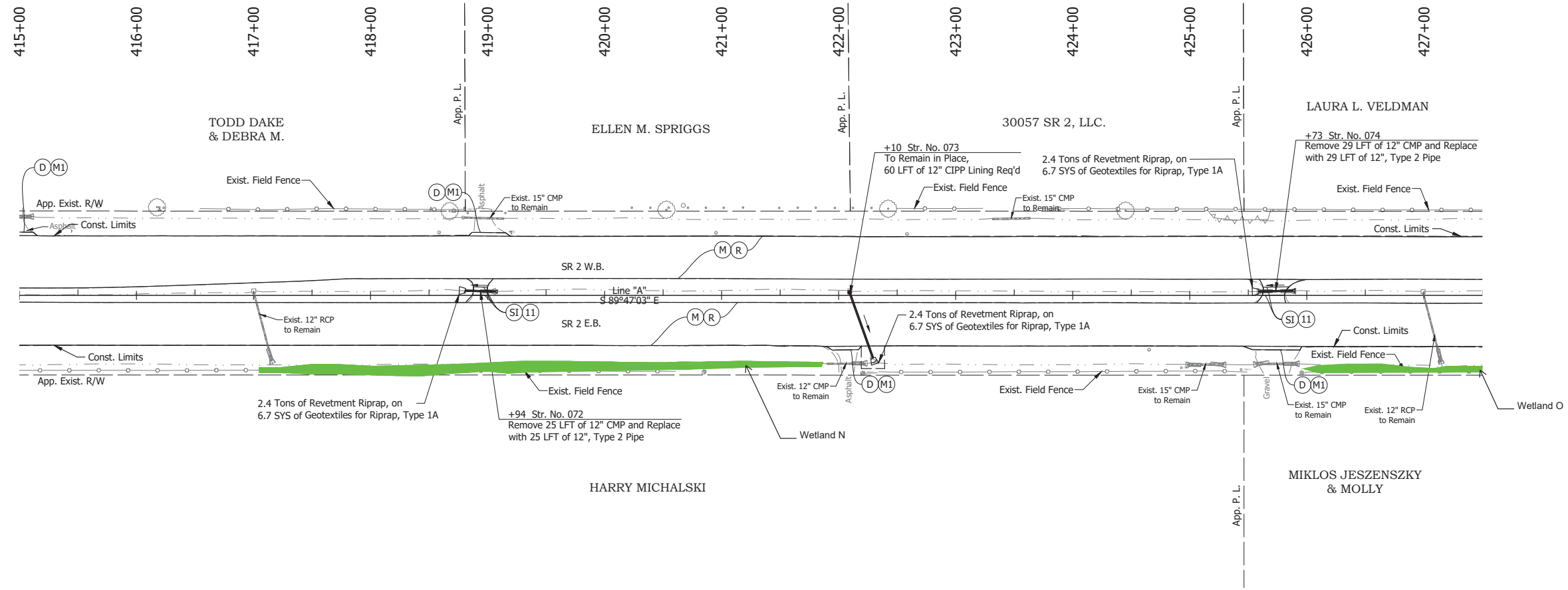
**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

Date: Jun 28, 2023, 4:25pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PRO\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_03.dwg (Plan & Profile (2D))

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM		DRAWN: SFM			PLAN AND PROFILE - LINE "A"		1" = 50'	N/A
CHECKED: WBF		CHECKED: WBF			STA. 402+50 TO STA. 415+00		VERTICAL SCALE	DESIGNATION
							1" = 10'	1900177
							SURVEY BOOK	SHEET
							ELECTRONIC	143 of 321
							CONTRACT	PROJECT
							R-42444	1900177

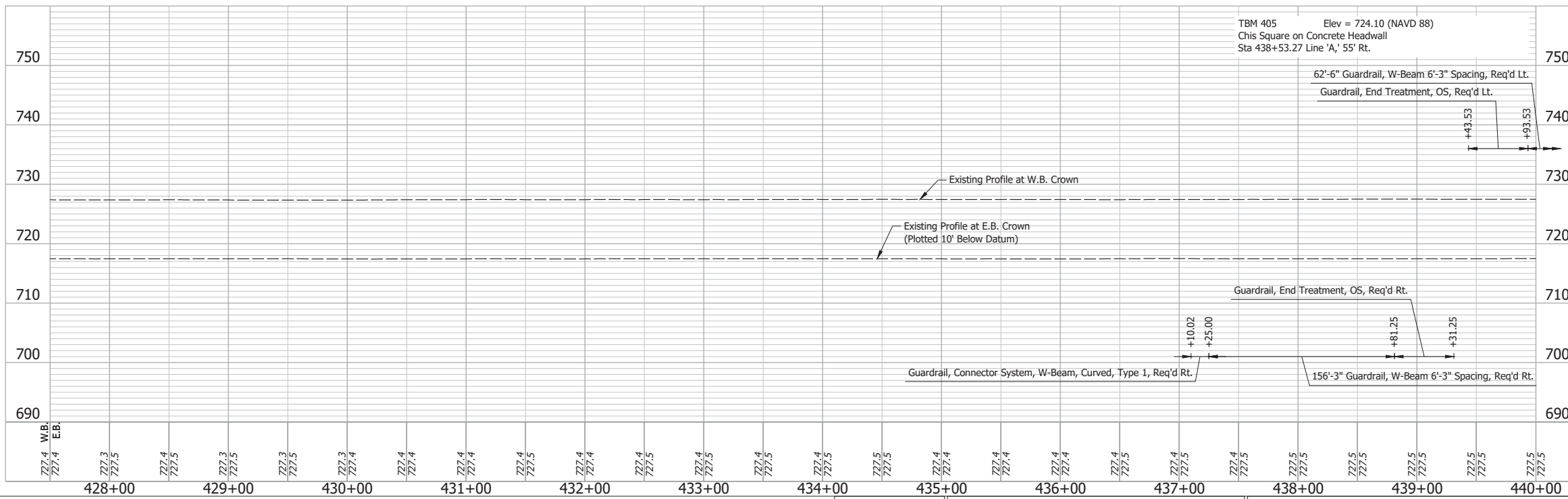
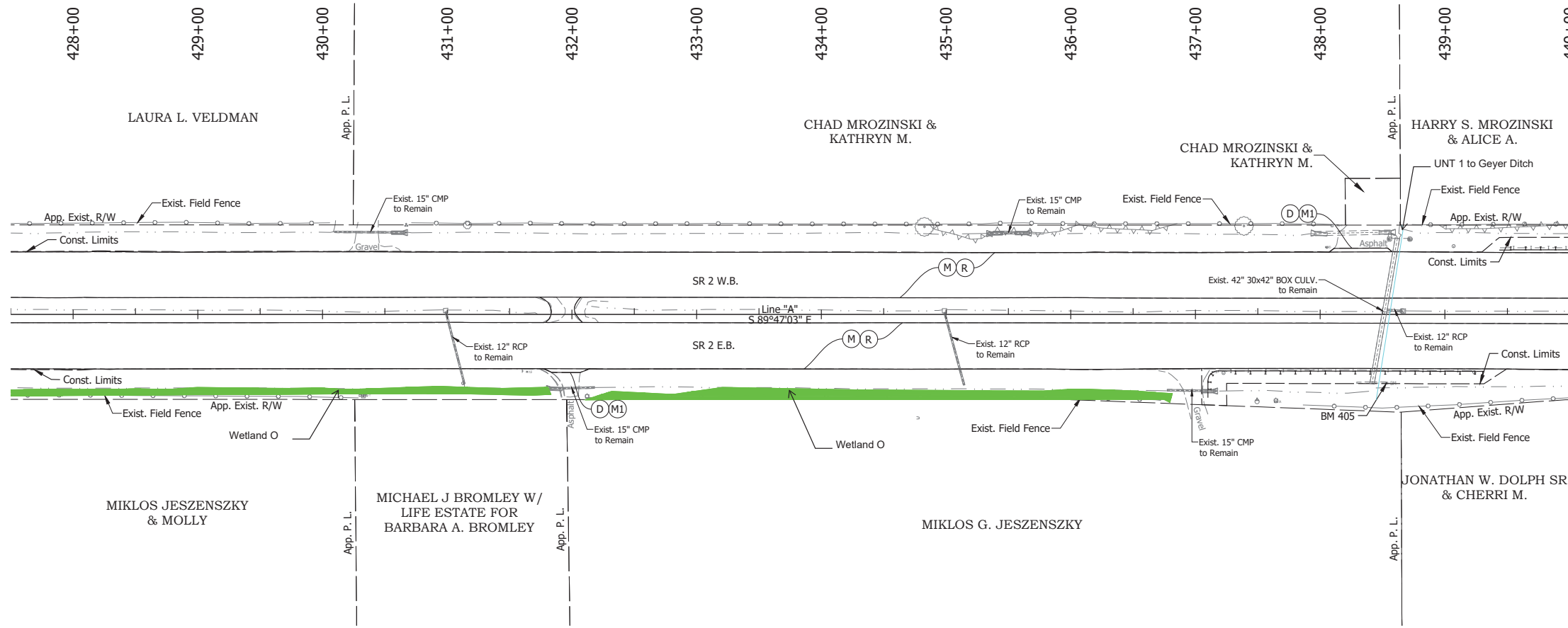


TBM 405 Elev = 724.10 (NAVD 88)  
 Chis Square on Concrete Headwall  
 Sta 438+53.27 Line 'A', 55' Rt.

- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:26pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set\Stk\_RD\_Plan\_Profile\_03.dwg (Plan & Profile (2))

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION  <b>PLAN AND PROFILE - LINE "A"</b> <b>STA. 415+00 TO STA. 427+00</b>		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF				SURVEY BOOK ELECTRONIC		SHEET 144 of 321	
						CONTRACT R-42444		PROJECT 1900177	



TBM 405 Elev = 724.10 (NAVD 88)  
 Chis Square on Concrete Headwall  
 Sta 438+53.27 Line 'A', 55' Rt.

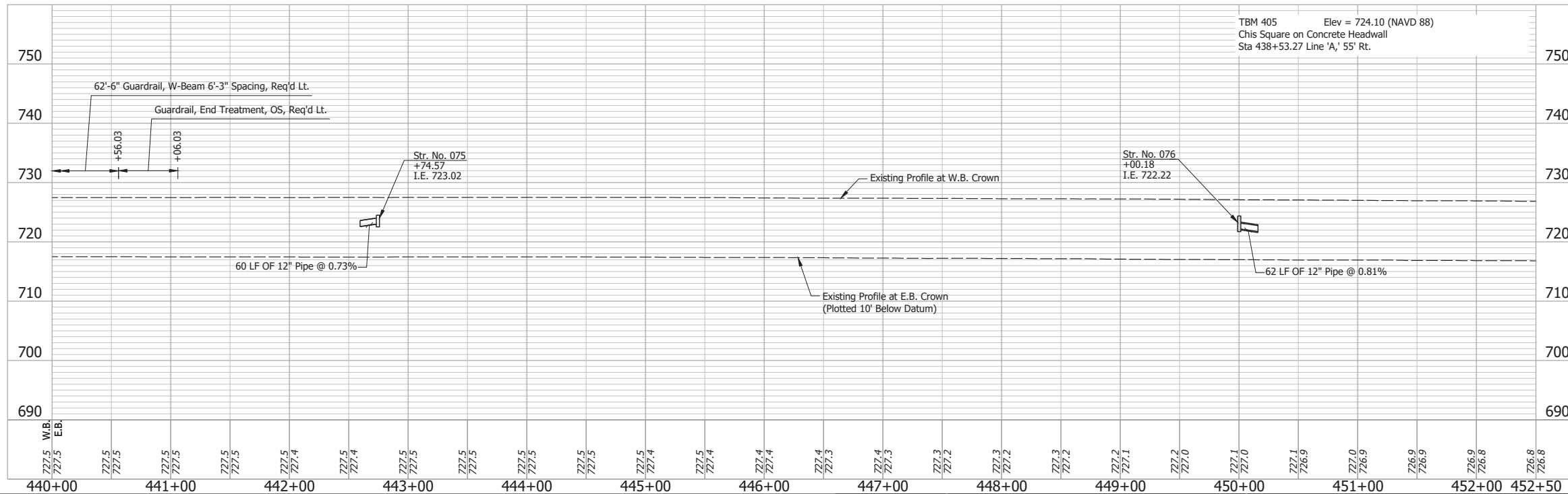
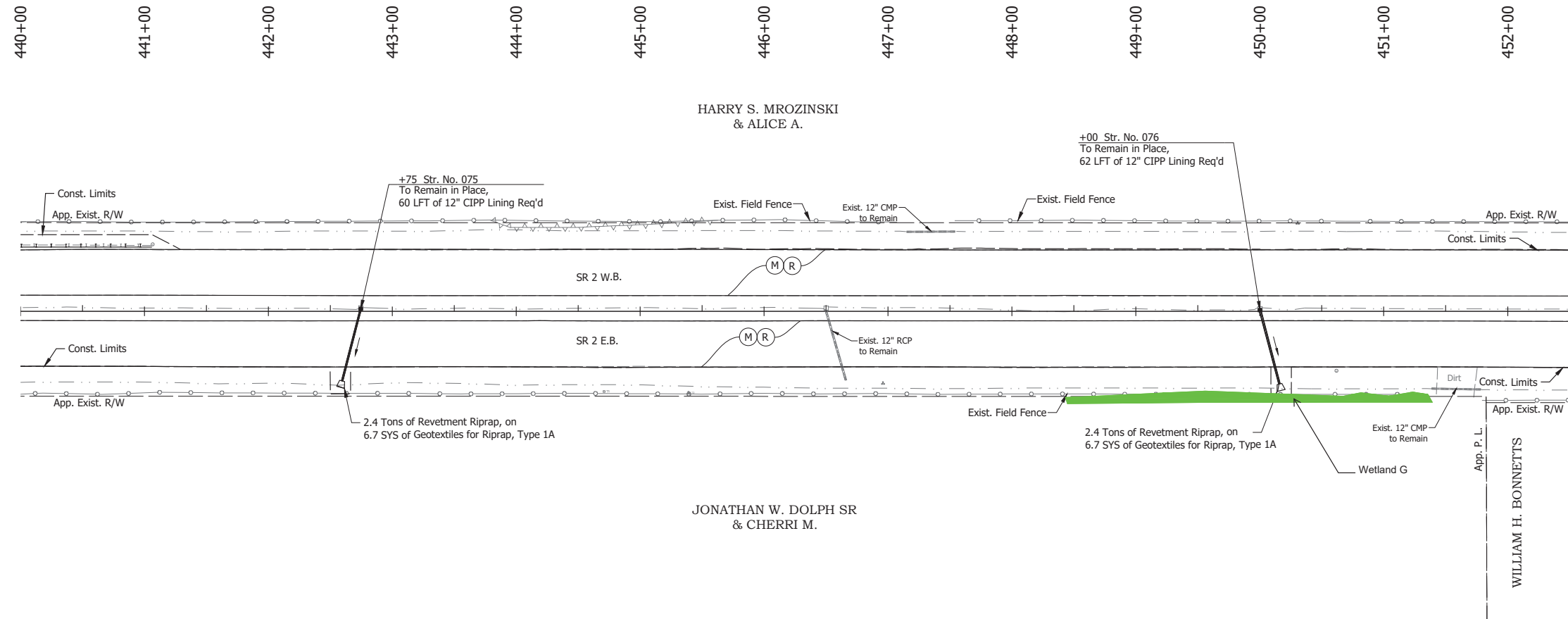
- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:26pm User Name: Sara.Munroe  
 File: X:\production\files\2021\20-3001\PRO-DH\CD\Plans\Set\Chk\_RD\_PlanProfile\_03.dwg (Plan & Profile) (32)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
**PLAN AND PROFILE - LINE "A"**  
**STA. 427+50 TO STA. 440+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	145 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

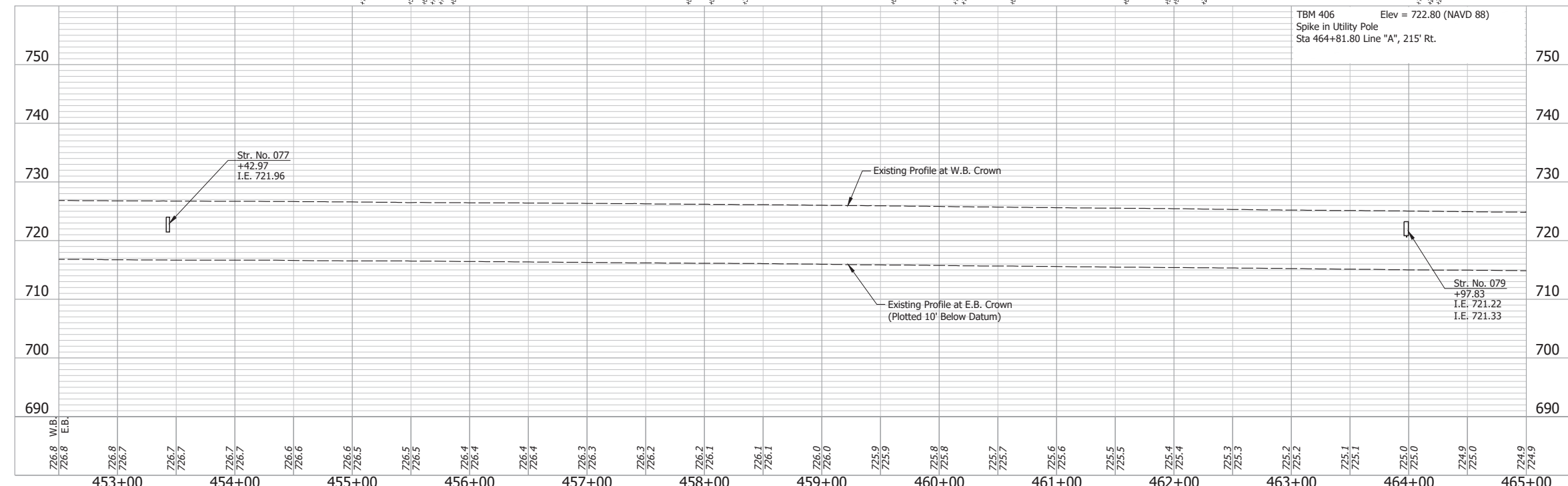
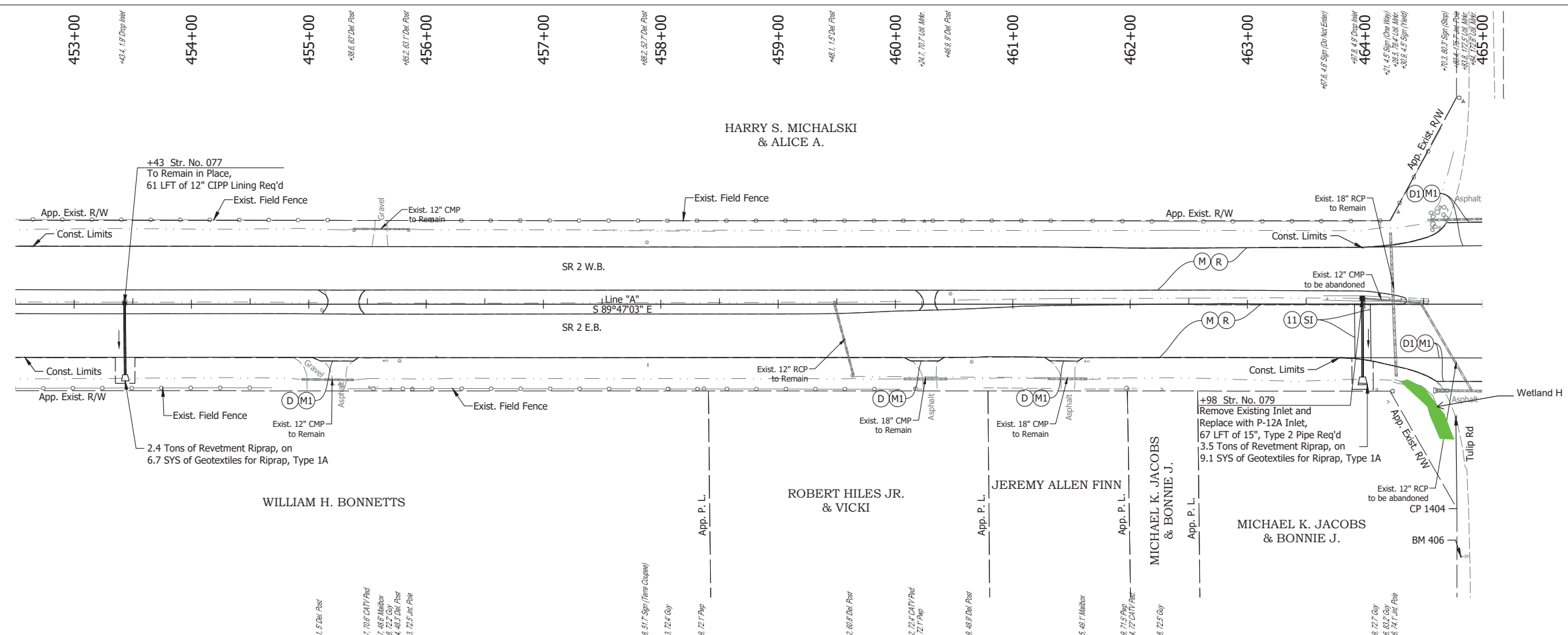
**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:26pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\04\PlanProfile.dwg (Plan & Profile) (33)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF		PLAN AND PROFILE - LINE "A" STA. 440+00 TO STA. 452+00		SURVEY BOOK		SHEET	
						ELECTRONIC		146 of 321	
						CONTRACT		PROJECT	
						R-42444		1900177	





**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

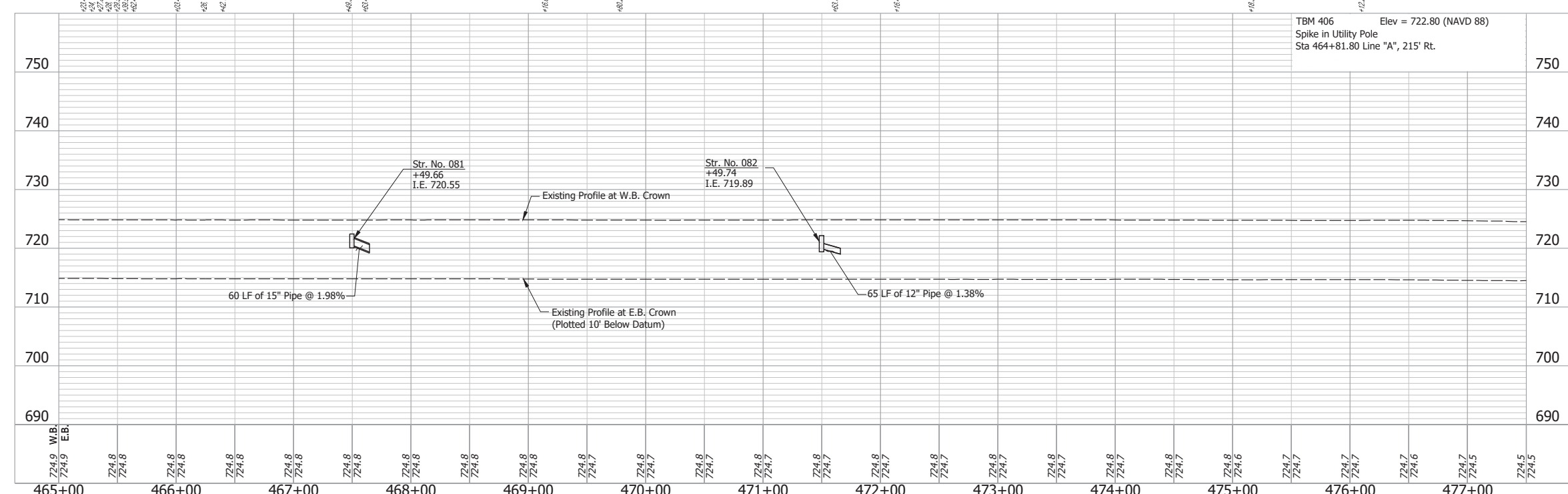
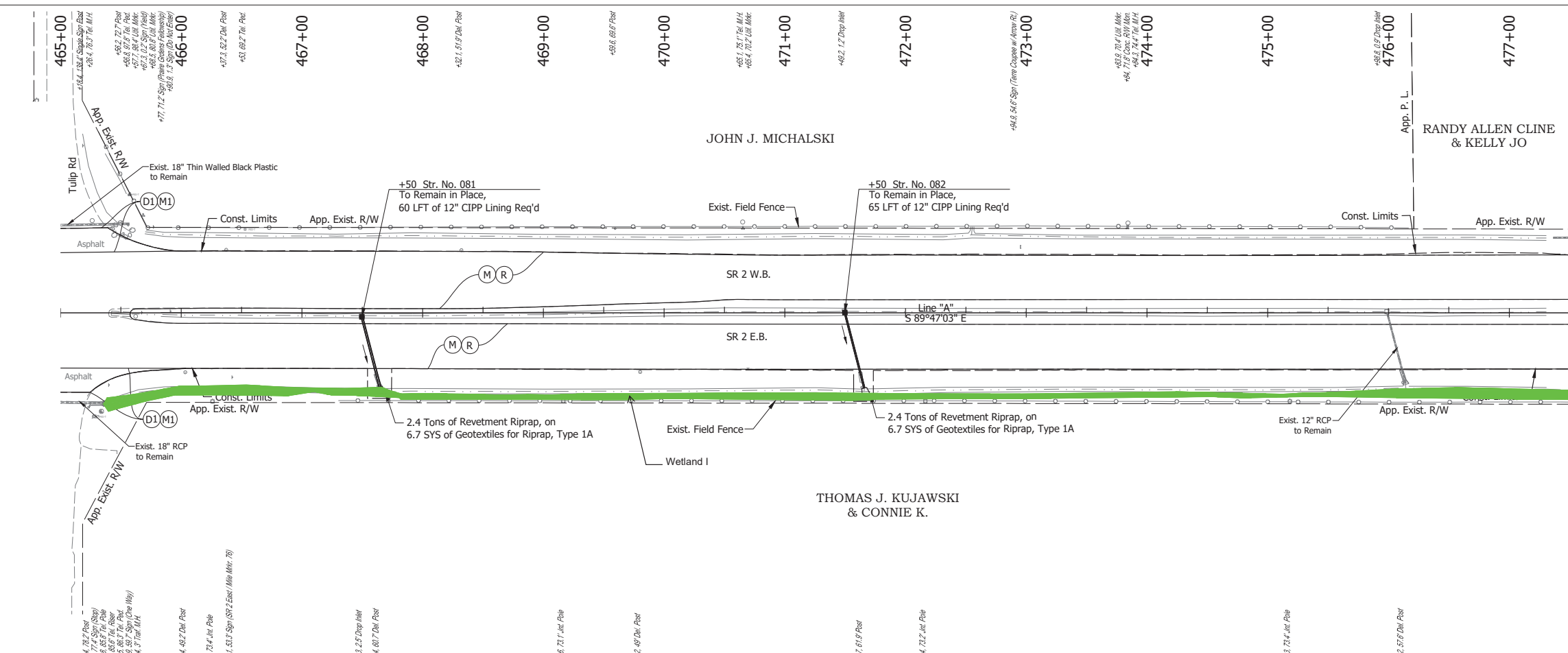
Date: Jun 28, 2023, 4:28pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_04.dwg (Plan & Profile (34))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 452+50 TO STA. 465+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	147 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:29pm User Name: Sara Munsie  
 File: X:\production\files\20201220-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_04.dwg (Plan & Profile) (35)

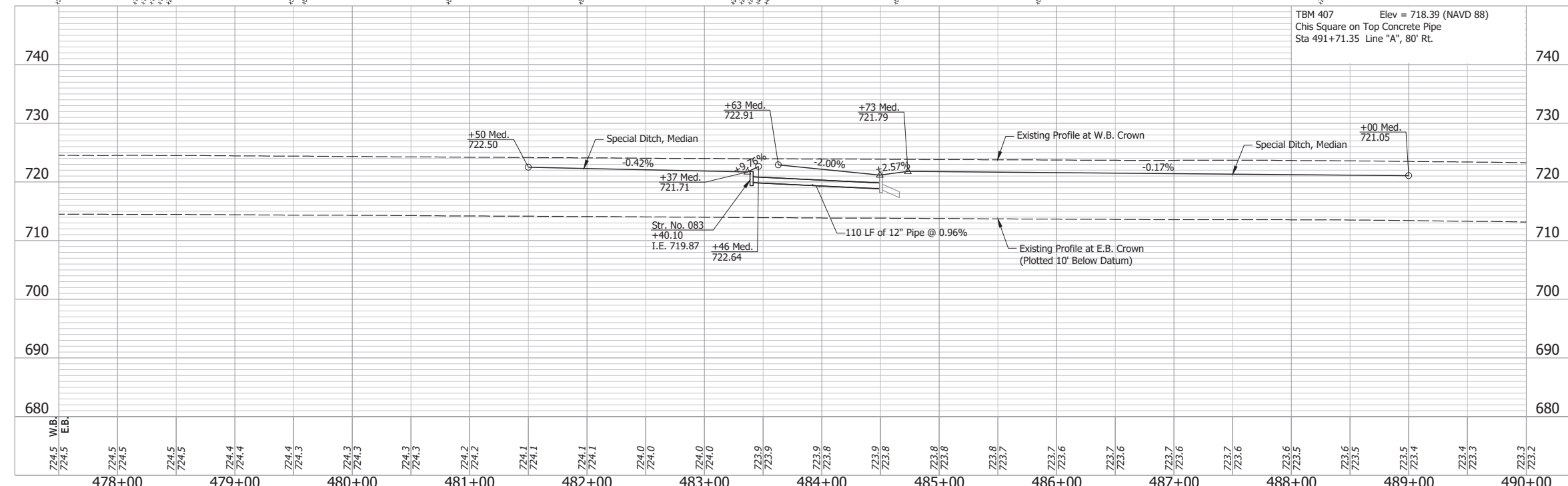
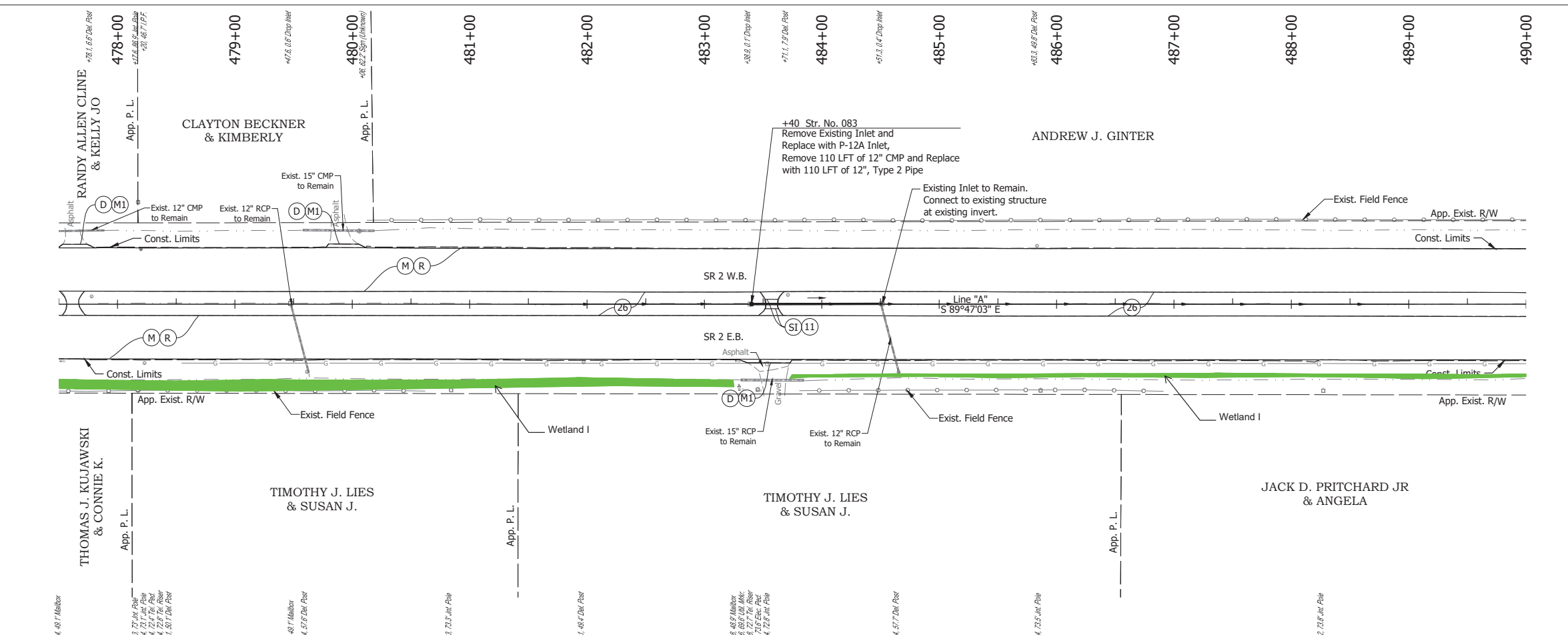
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
STA. 465+00 TO STA. 477+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	148 of 321
CONTRACT	PROJECT
R-42444	1900177





- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut
  - (26) Sodding, Nursery

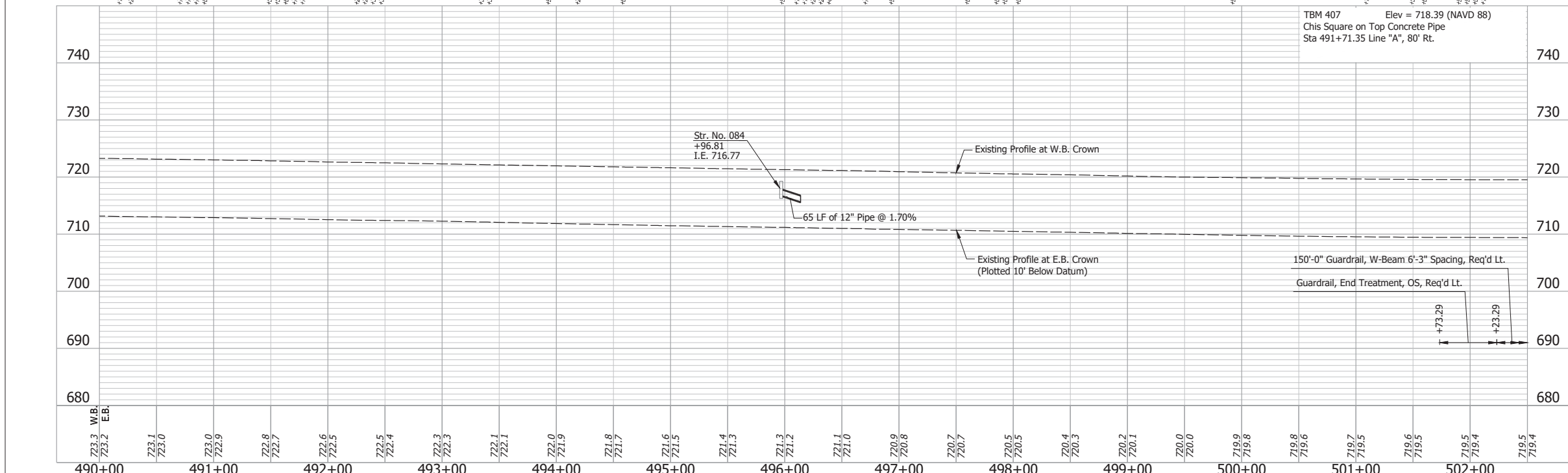
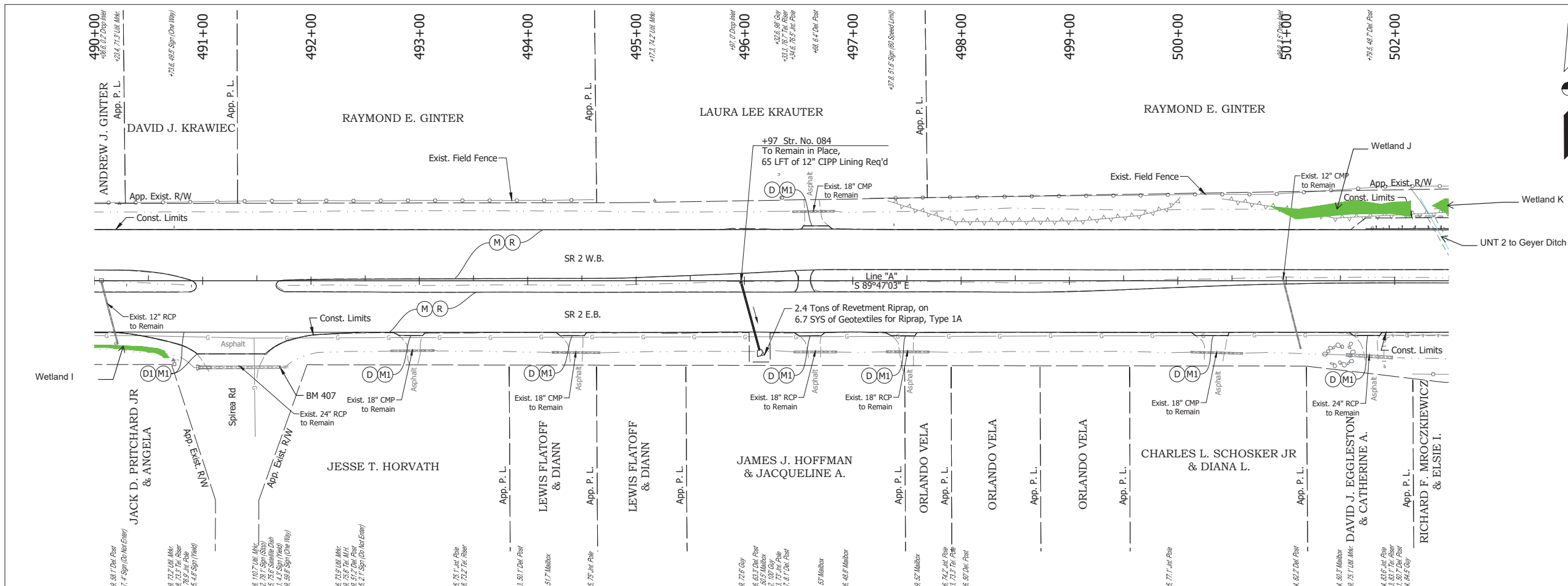
Date: Jun 28, 2023, 4:29pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\194\CD\Plans\Set\Chc\_RD\_Plan\Profile\_04.dwg (Plan & Profile) (30)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 477+50 TO STA. 490+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	149 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

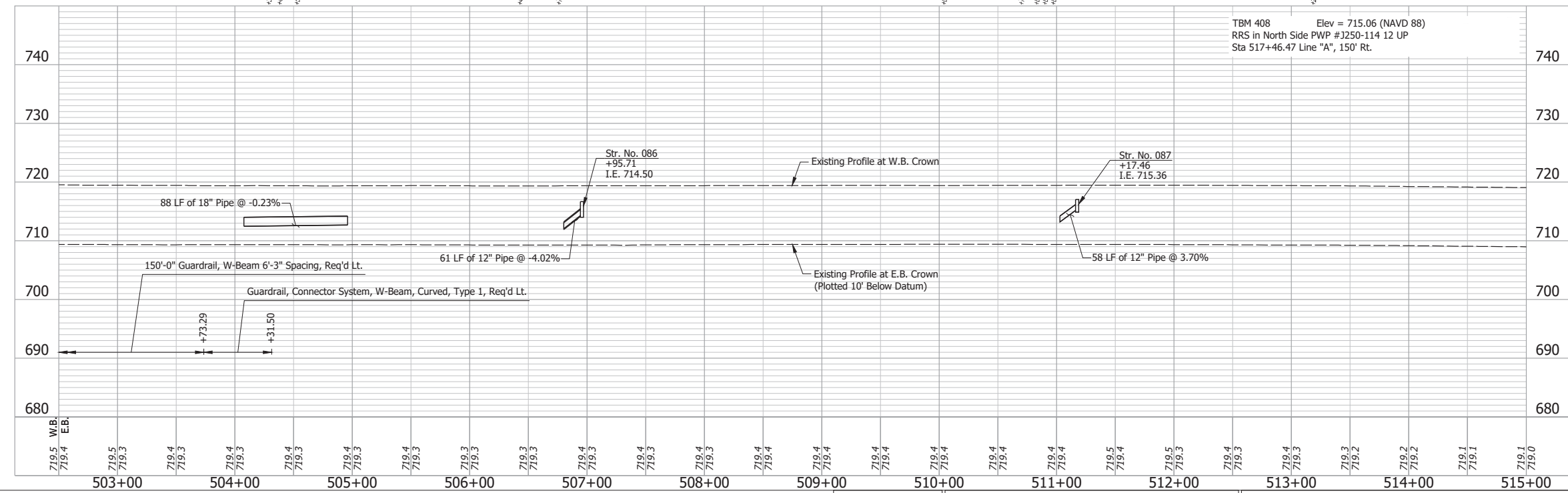
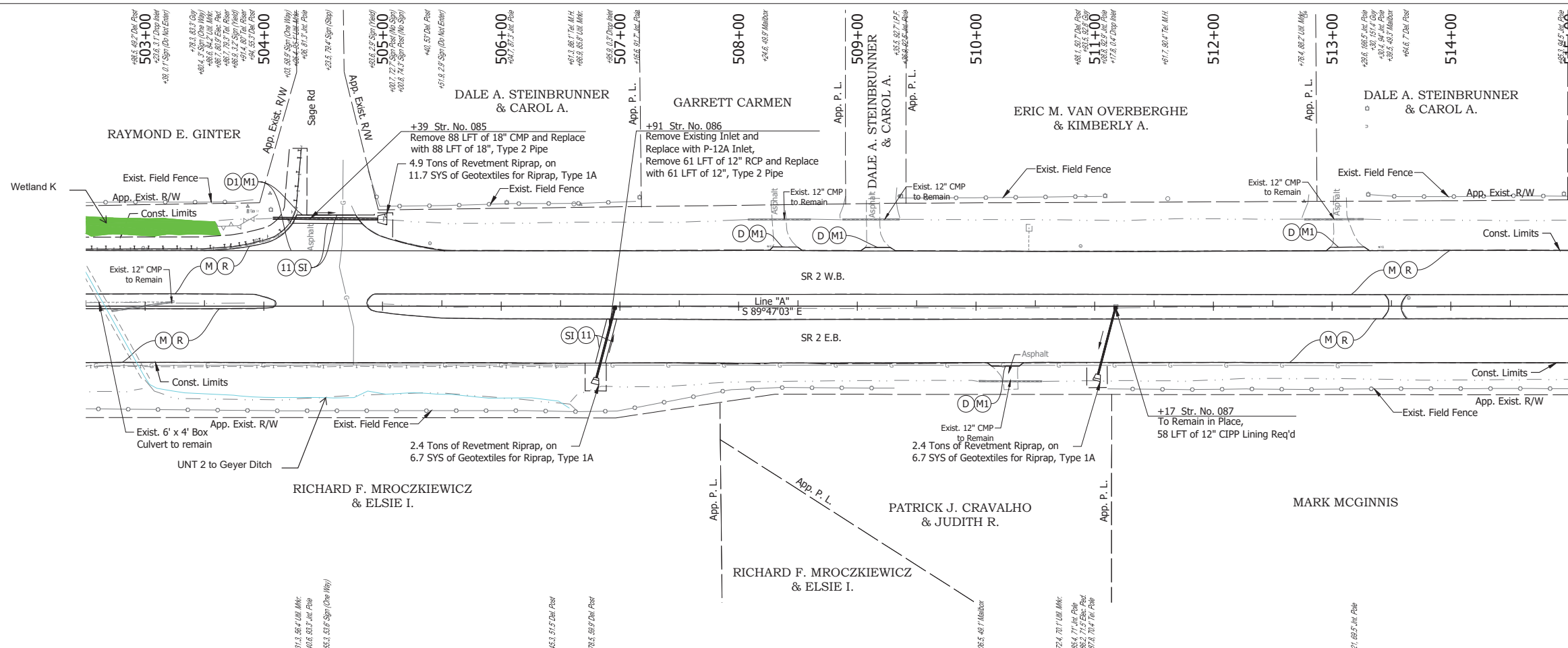
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
STA. 490+00 TO STA. 502+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	150 of 321
CONTRACT	PROJECT
R-42444	1900177

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

Date: Jun 28, 2023, 4:46pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PRO\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_04.dwg (Plan & Profile (27))



TBM 408 Elev = 715.06 (NAVD 88)  
 RRS in North Side PWP #1250-114 12 UP  
 Sta 517+46.47 Line "A", 150' Rt.

**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

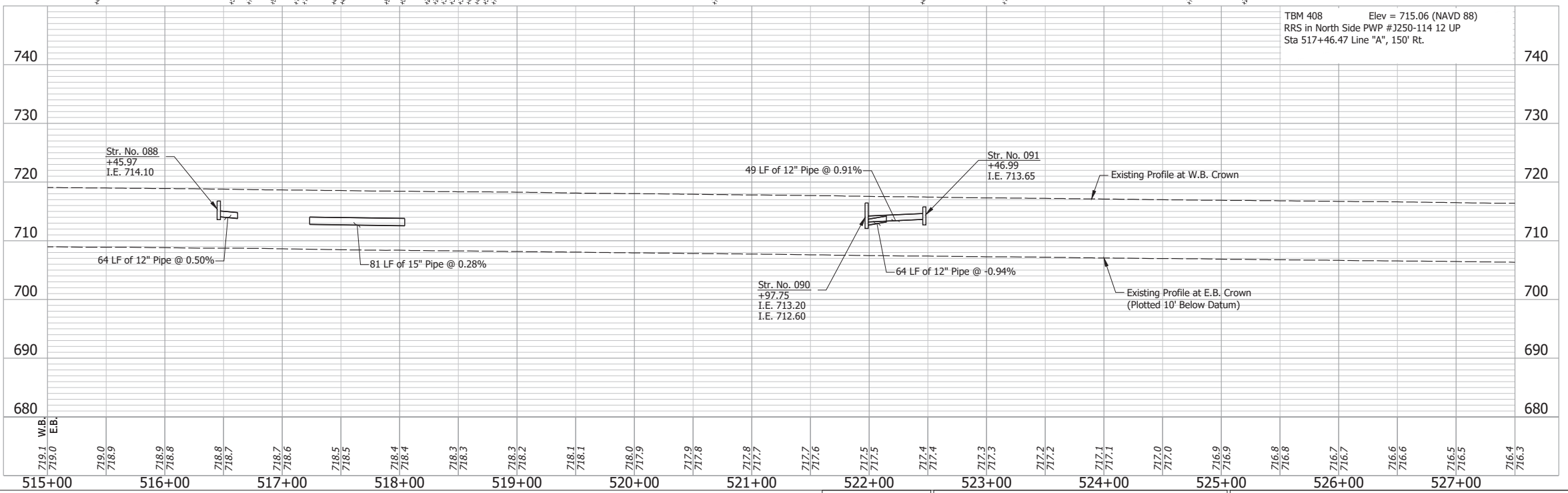
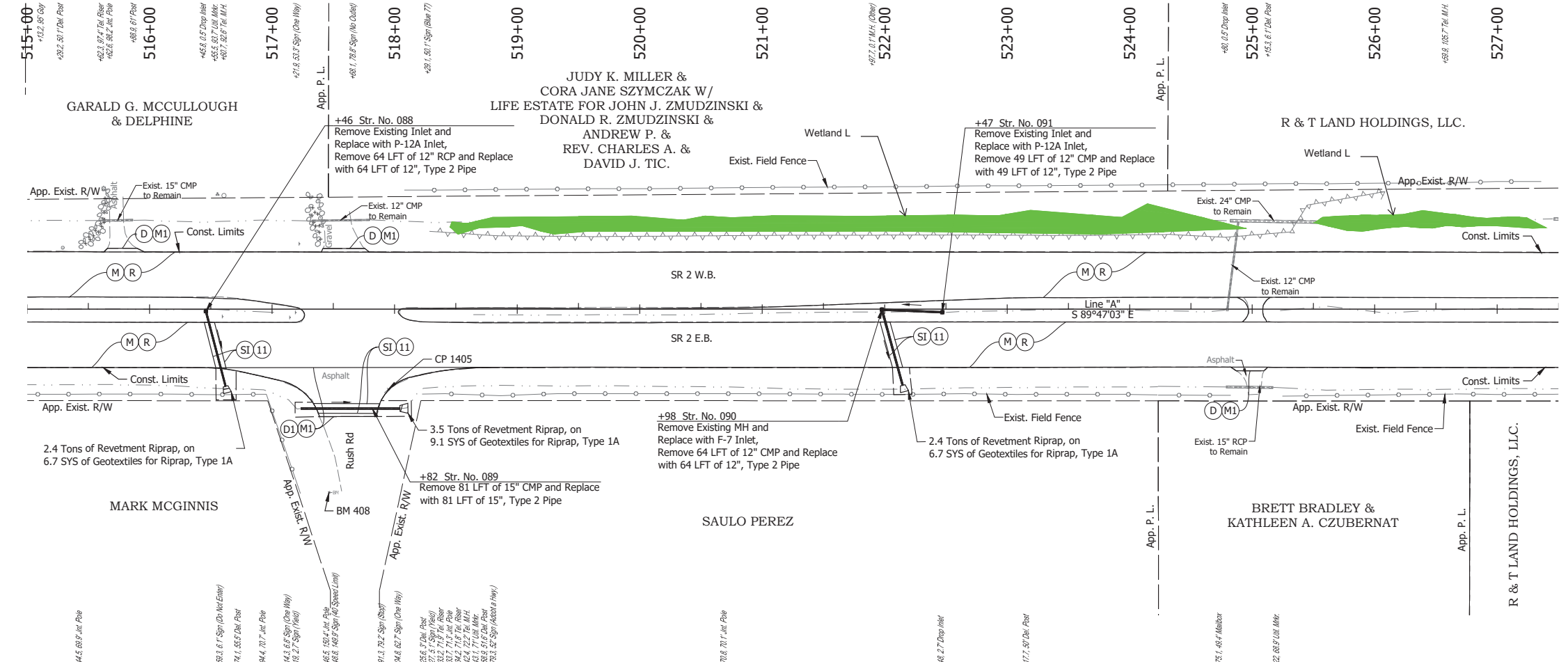
Date: Jun 28, 2023, 4:46pm User Name: Sara.Munroe  
 File: X:\production\files\20201220-3001\PRO\04\04\Plans\Set\Stk\_RD\_PlanProfile\_04.dwg (Plan & Profile) (30)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
 DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE - LINE "A"  
 STA. 502+50 TO STA. 515+00**

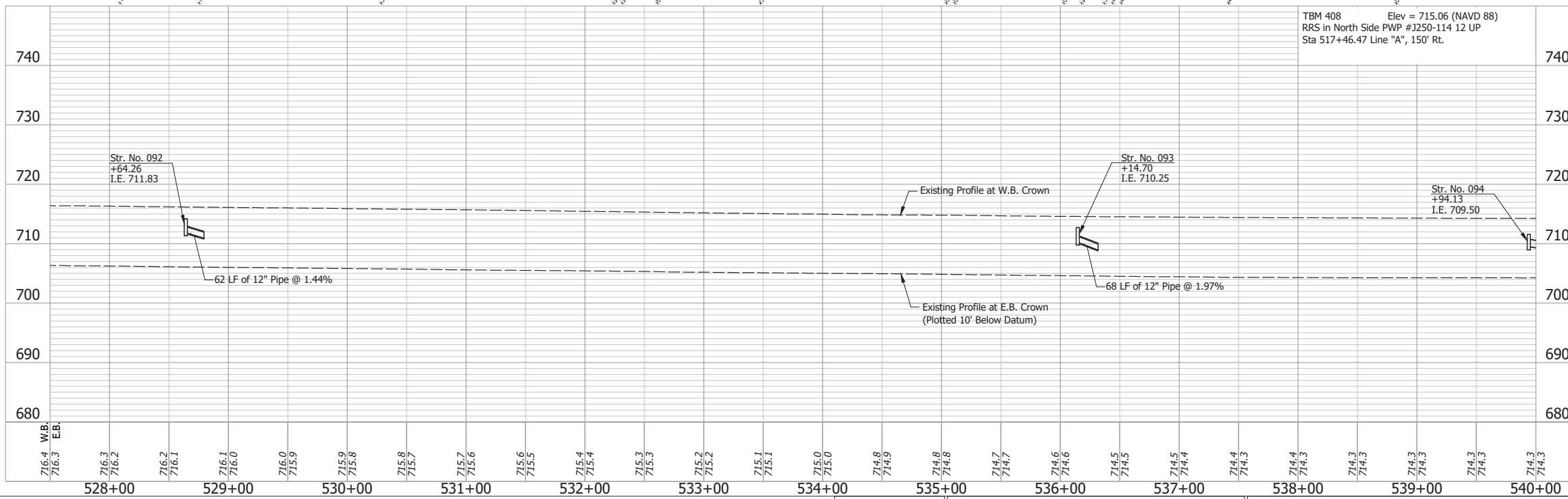
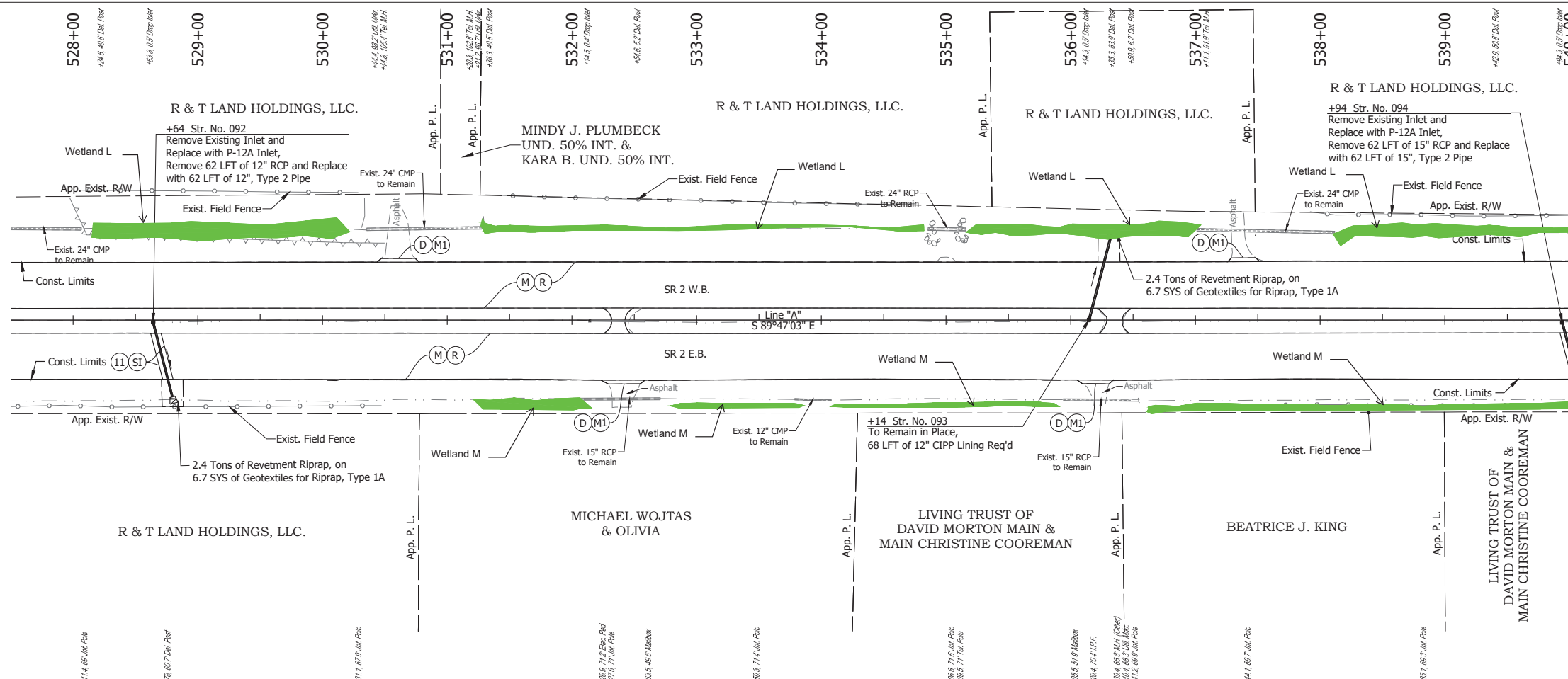
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	151 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:41pm User Name: Sara Munsie  
 File: X:\production\Files\2020\120-3001\PRO\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_04.dwg (Plan & Profile) (39)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF		PLAN AND PROFILE - LINE "A" STA. 515+00 TO STA. 527+00		SURVEY BOOK		SHEET	
						ELECTRONIC		152 of 321	
						CONTRACT		PROJECT	
						R-42444		1900177	



**NOTE:**  
For project control see Sheet 2.

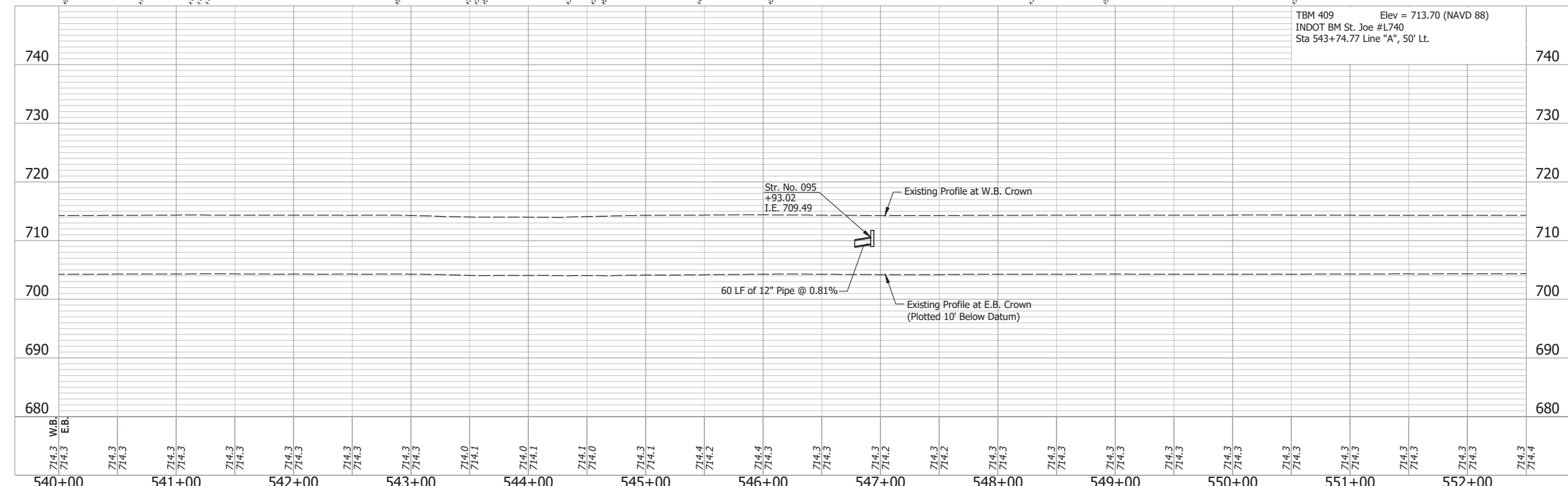
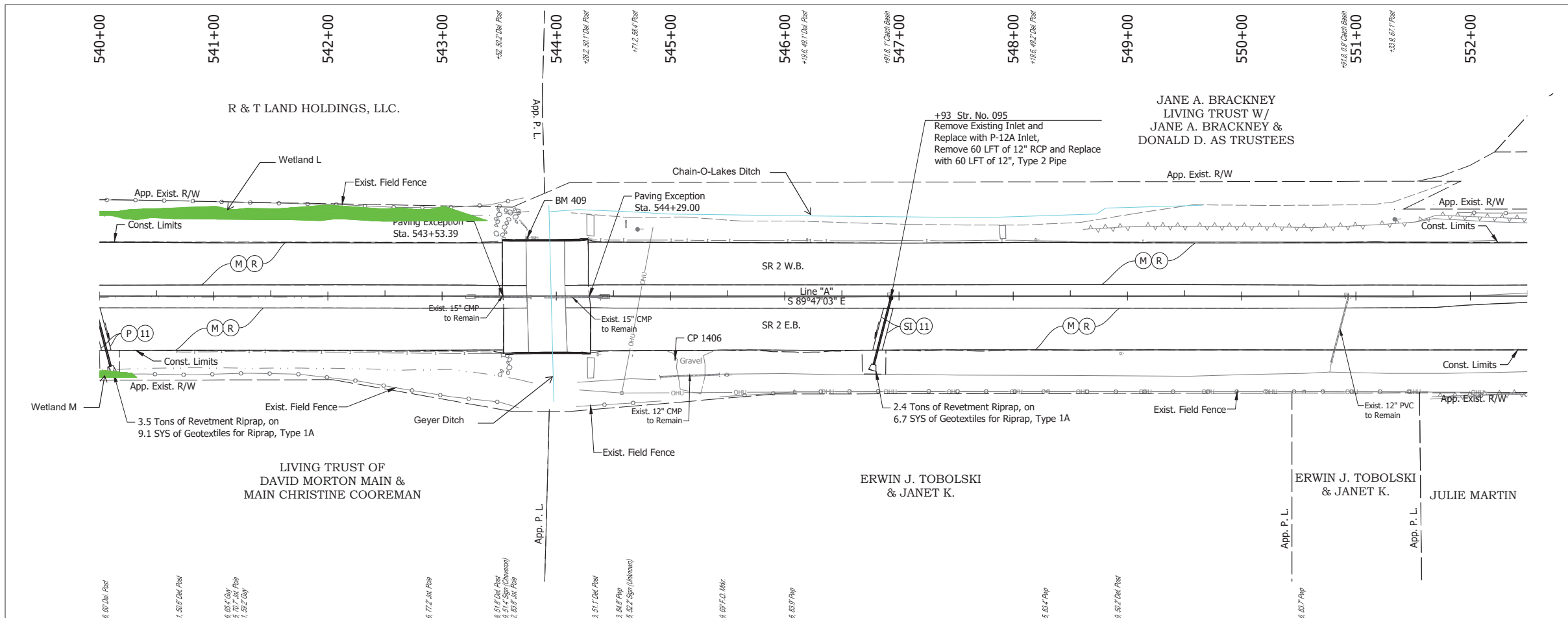
**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

Date: Jun 28, 2023, 4:41pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PRO\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_04.dwg (Plan & Profile - 00)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF				SURVEY BOOK		SHEET 153 of 321	
PLAN AND PROFILE - LINE "A" STA. 527+50 TO STA. 540+00				CONTRACT R-42444		PROJECT 1900177			





- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (M) Milling, Asphalt, 4 in. minimum
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

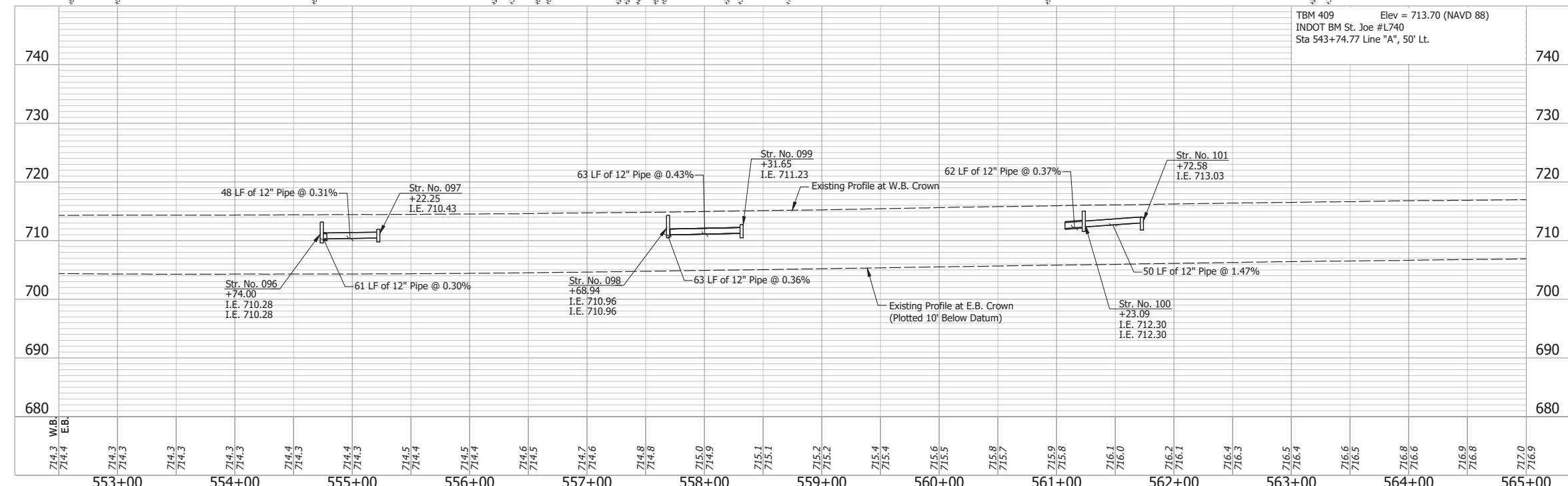
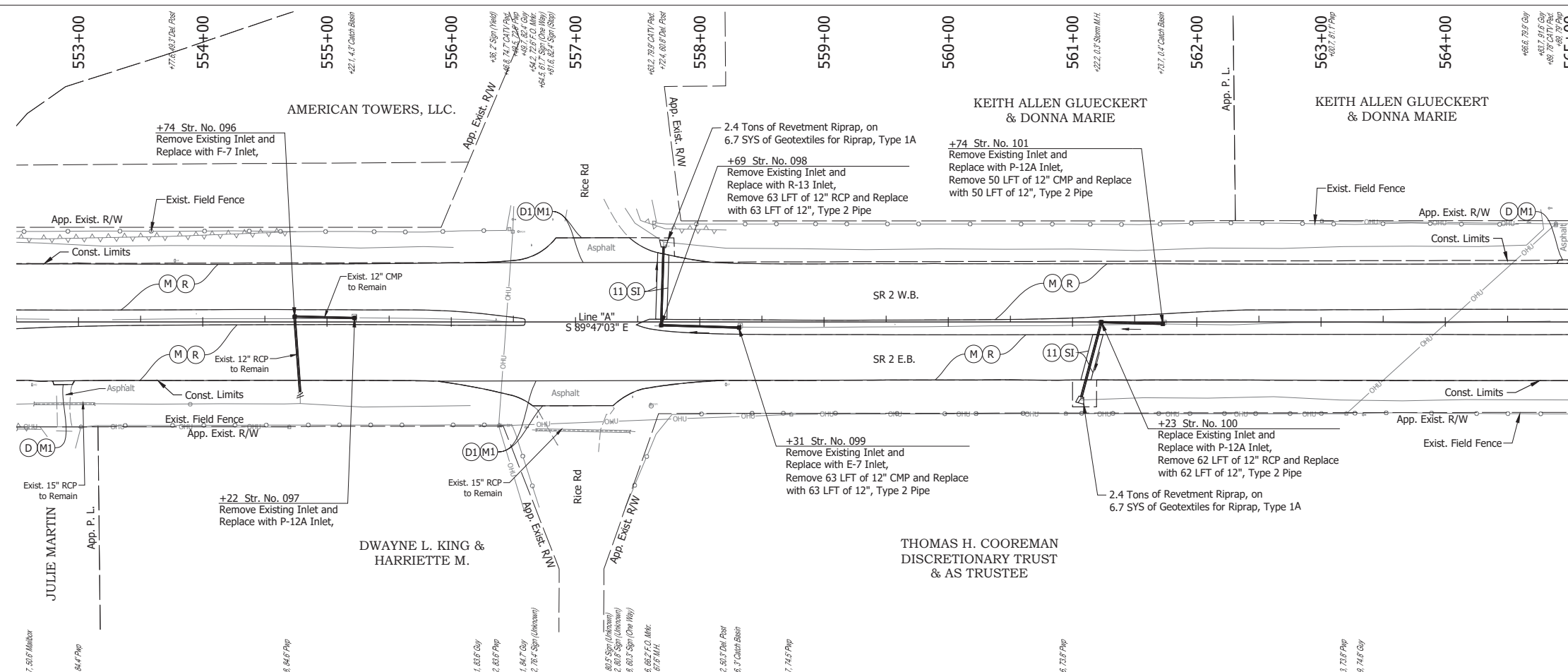
Date: Jun 28, 2023, 4:42pm User Name: Sara Munsie File: X:\production\files\20201220-3001\PC\04\04\Plans\Set\Stk\_RD\_PlanProfile\_04.dwg (Plan & Profile (11))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 540+00 TO STA. 552+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	154 of 321
CONTRACT	PROJECT
R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
- (11) Sawcut

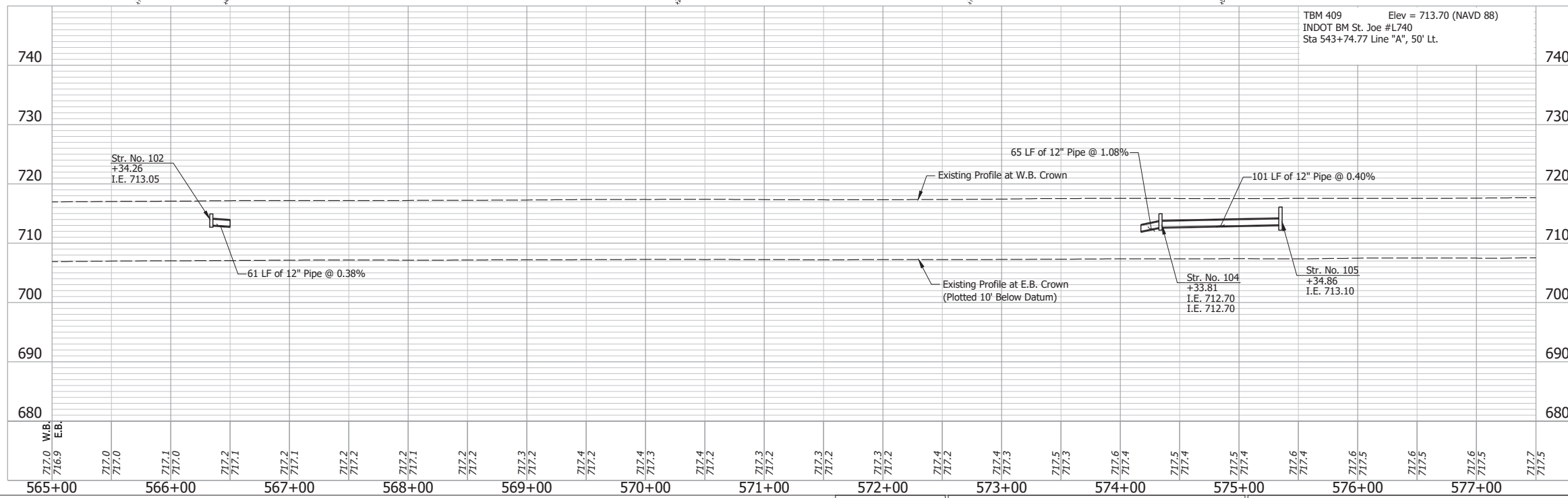
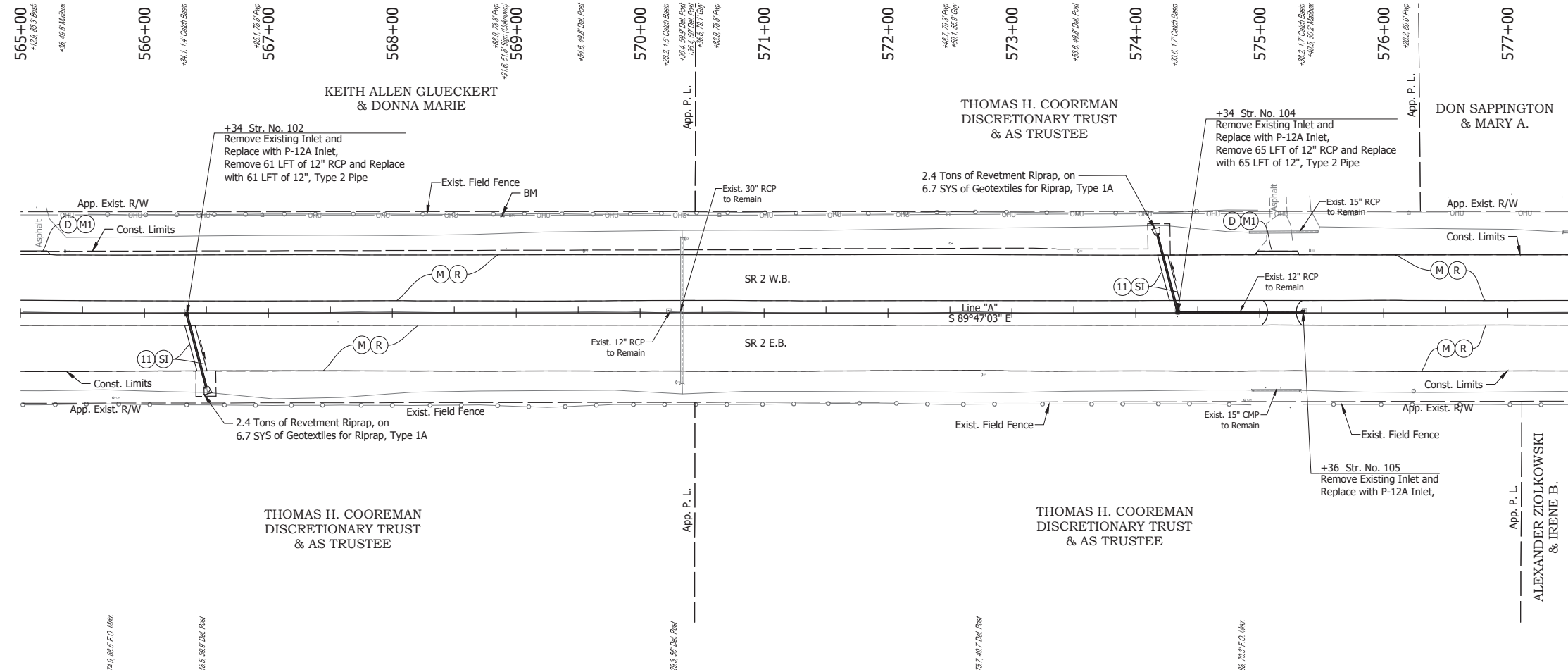
Date: Jun 28, 2023, 4:42pm User Name: Sara, Munsie File: X:\production\files\2020120-3001\PRO\04\CD\Plans\Set\Stc\_RD\_PlanProfile\_04.dwg (Plan & Profile) (2)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 552+50 TO STA. 565+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	155 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
  - (11) Sawcut

Date: Jun 28, 2023, 4:43pm User Name: Sara Munsie File: X:\production\files\2021\20-3001\PC\04\CD\Plans\Set\Chk\_RD\_PlanProfile\_04.dwg (Plan & Profile) (3)

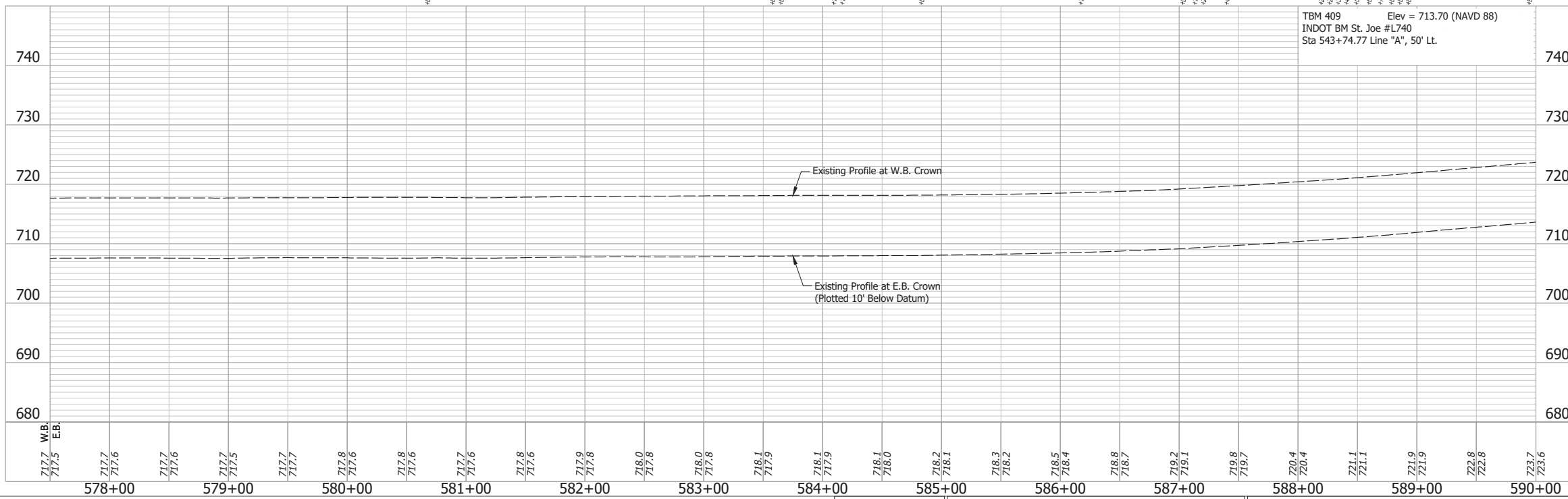
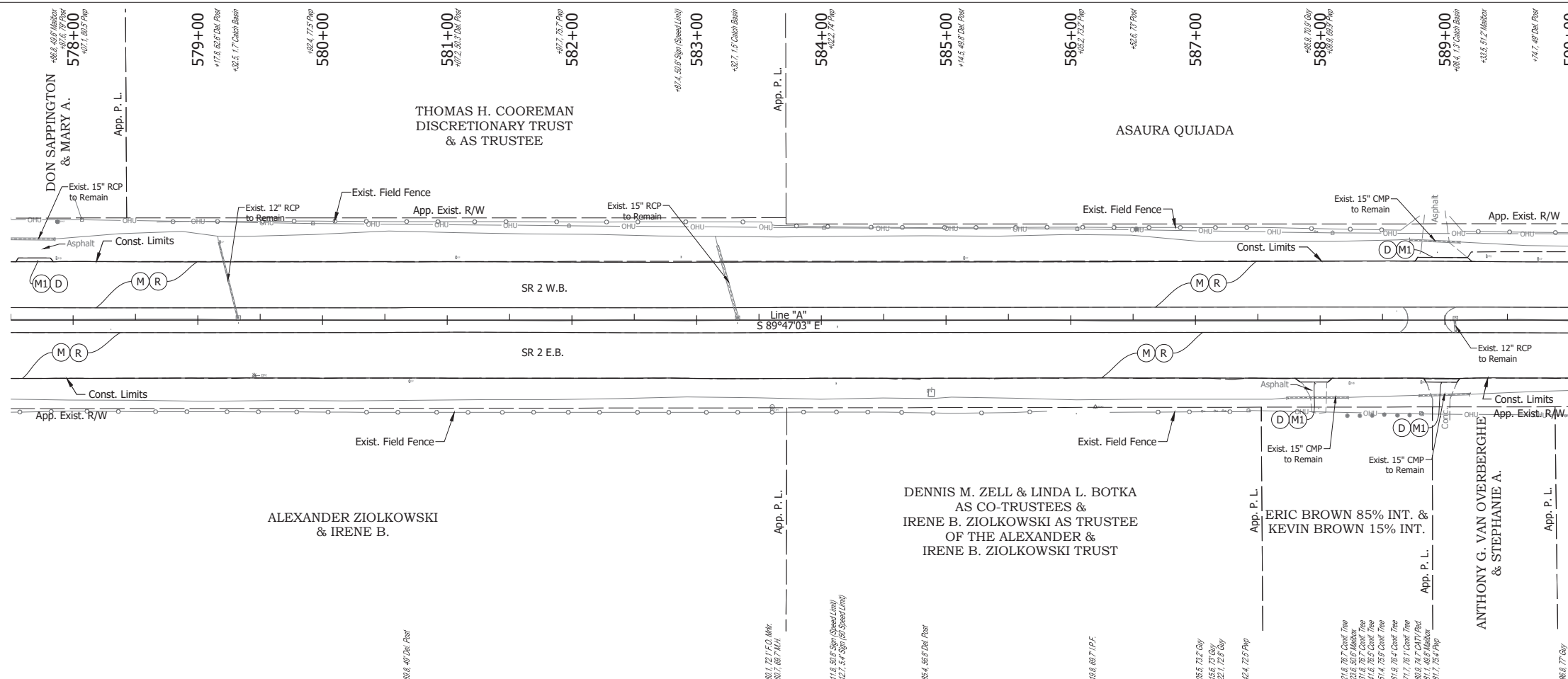
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 565+00 TO STA. 577+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	156 of 321
CONTRACT	PROJECT
R-42444	1900177



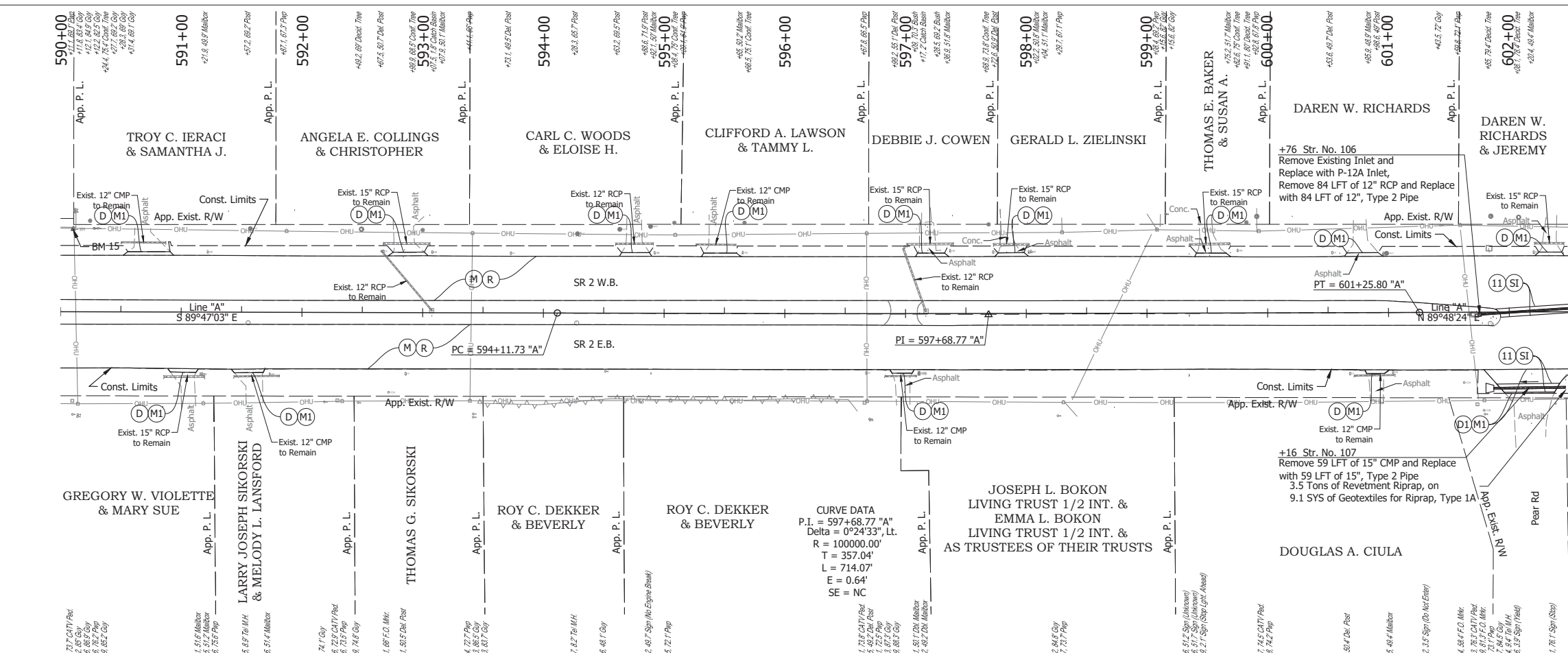


TBM 409 Elev = 713.70 (NAVD 88)  
 INDOT BM St. Joe #L740  
 Sta 543+74.77 Line "A", 50' Lt.

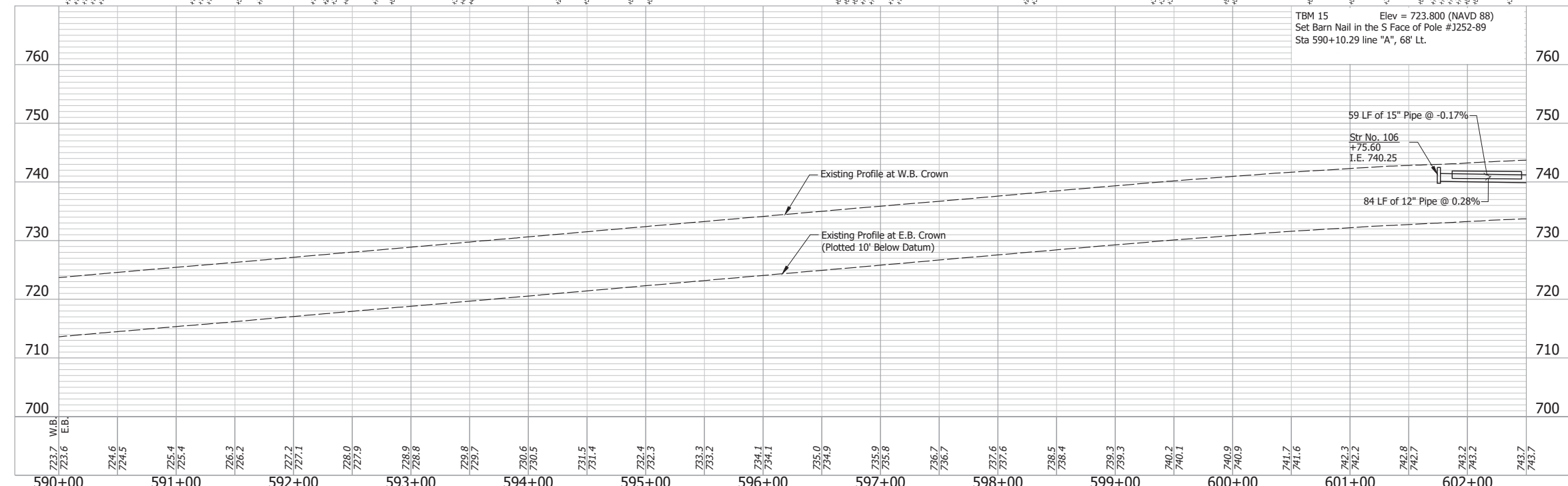
- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:46pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\194\194\Plans\Set\Stk\_R0\_PlanProfile\_04.dwg (Plan & Profile (44))

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM	DRAWN: SFM			1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF			VERTICAL SCALE	DESIGNATION
			PLAN AND PROFILE - LINE "A" STA. 577+50 TO STA. 590+00	1" = 10'	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	157 of 321
				CONTRACT	PROJECT
				R-42444	1900177



**CURVE DATA**  
 P.I. = 597+68.77 "A"  
 Delta = 0°24'33" Lt.  
 R = 100000.00'  
 T = 357.04'  
 L = 714.07'  
 E = 0.64'  
 SE = NC



**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

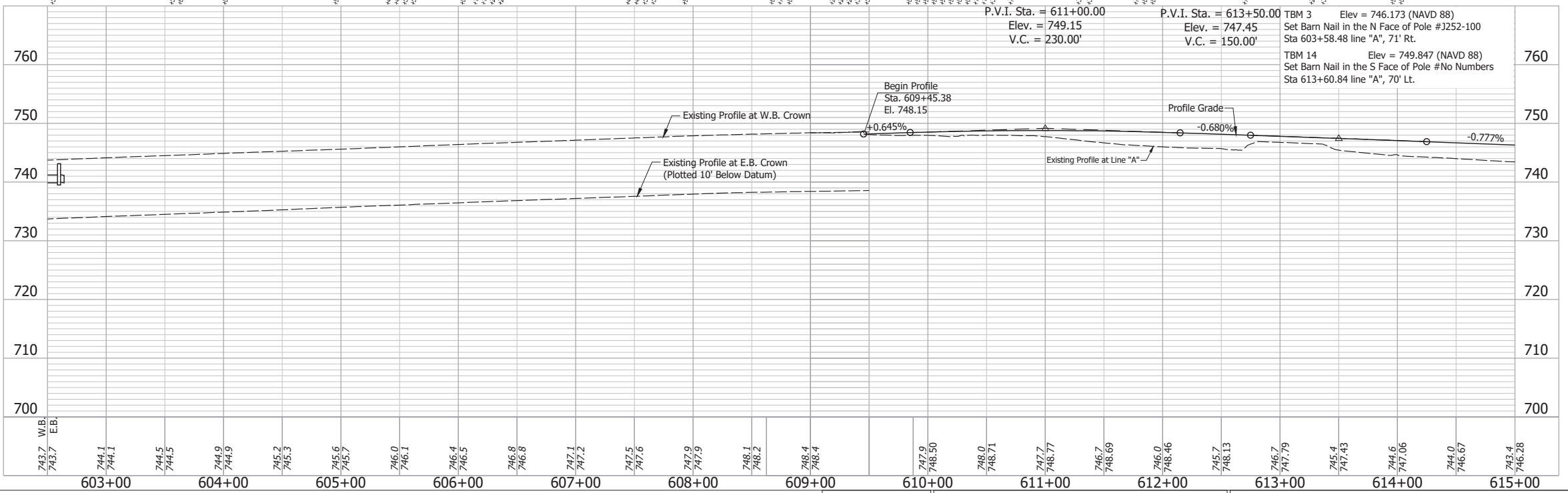
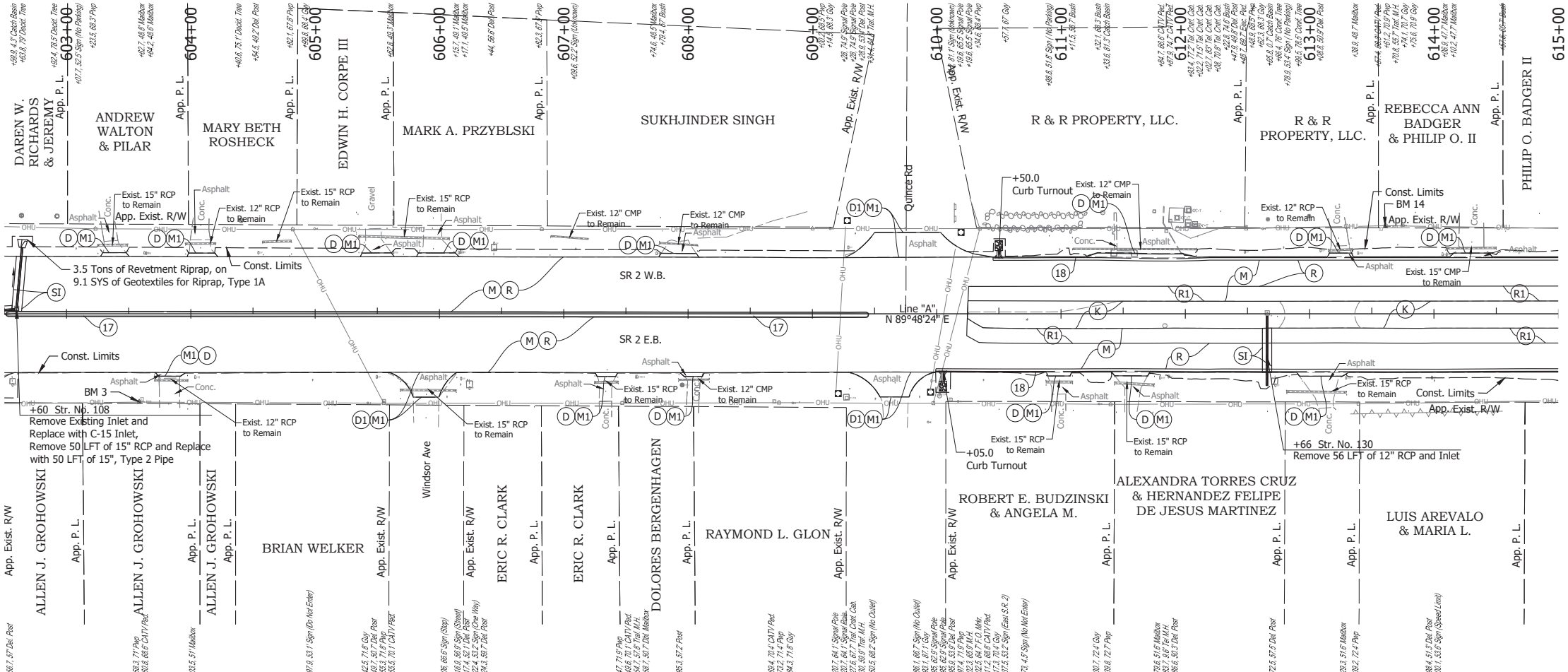
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IC
- (11) Sawcut

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 590+00 TO STA. 602+00**

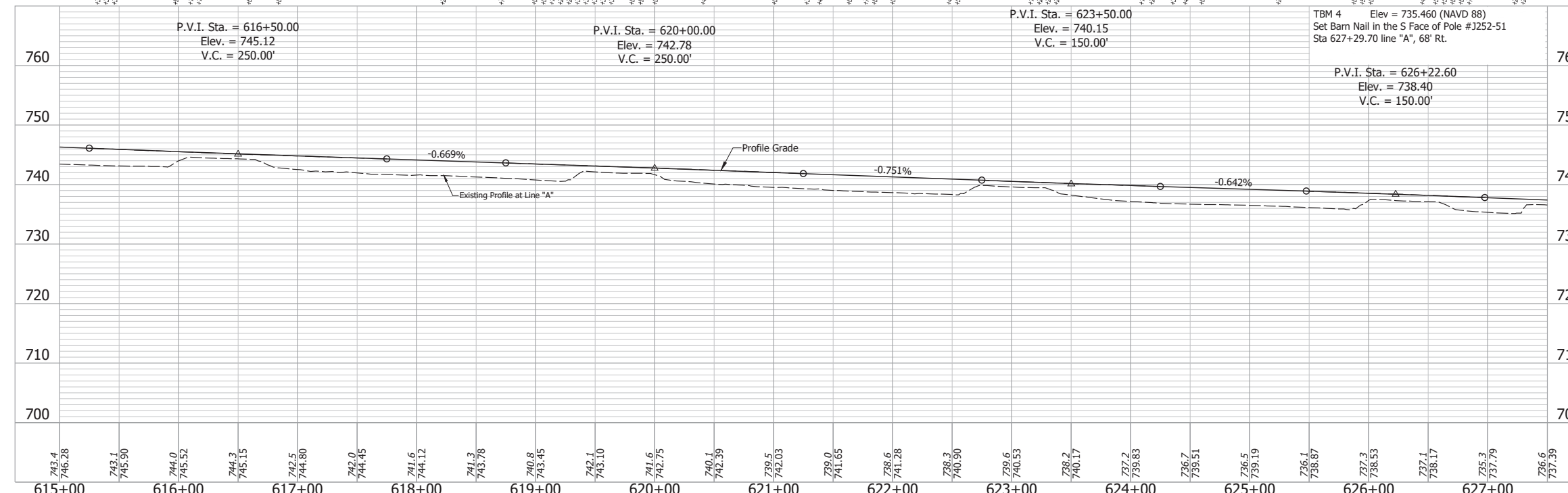
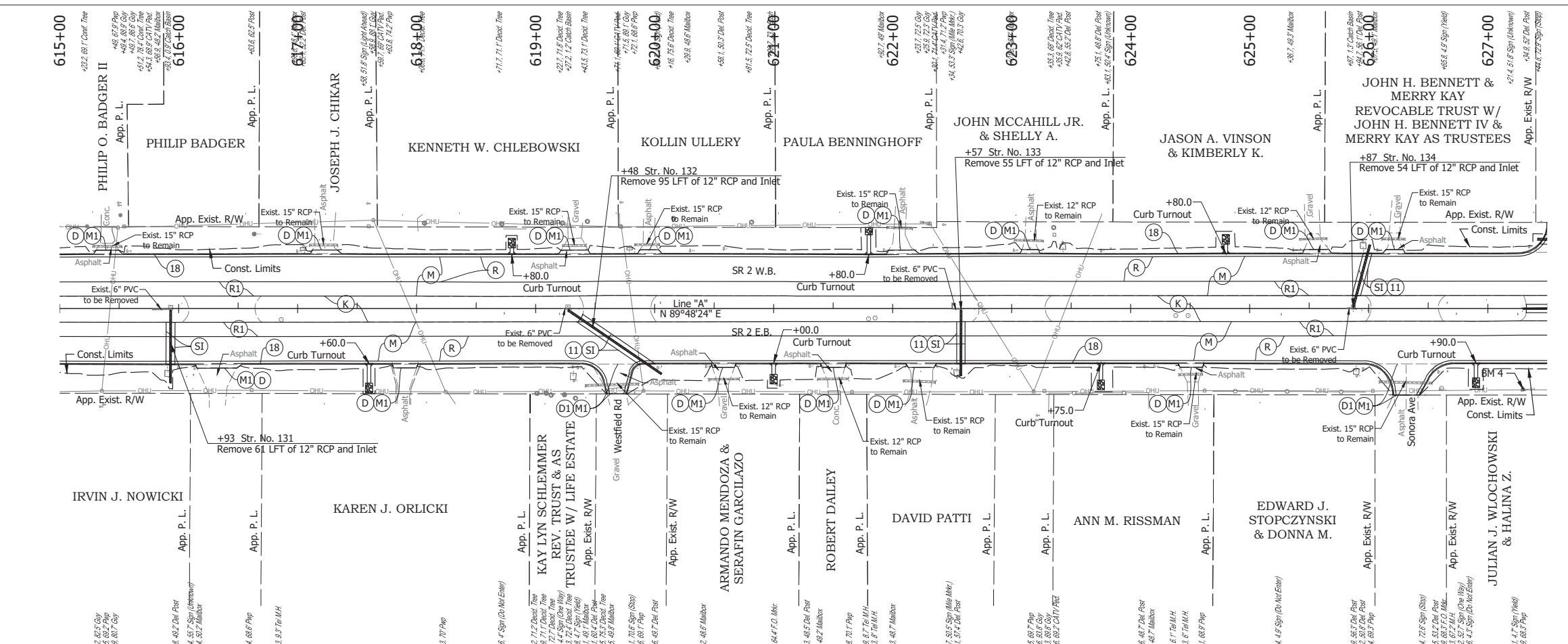
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	158 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (R1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Variable Depth QC/QA-HMA, 3, 64, Intermediate, 19.0 mm (2.5 in. minimum)
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
  - (11) Sawcut
  - (17) Concrete Center Curb, Type B
  - (18) Combined Concrete Curb and Gutter, Type B

Date: Jun 28, 2023, 4:46pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PRO\04\04\Plans\Set\Chk\_RD\_Plan\Profile\_05.dwg (Plan & Profile) (46)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION  <b>PLAN AND PROFILE - LINE "A"</b> <b>STA. 602+50 TO STA. 615+00</b>	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM	DRAWN: SFM			1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF			VERTICAL SCALE	DESIGNATION
				1" = 10'	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	159 of 321
				CONTRACT	PROJECT
				R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (R1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Variable Depth QC/QA-HMA, 3, 64, Intermediate, 19.0 mm (2.5 in. minimum)
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
- (11) Sawcut
- (18) Combined Concrete Curb and Gutter, Type B

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SEM	DRAWN: SEM	
CHECKED: WBF	CHECKED: WBF	

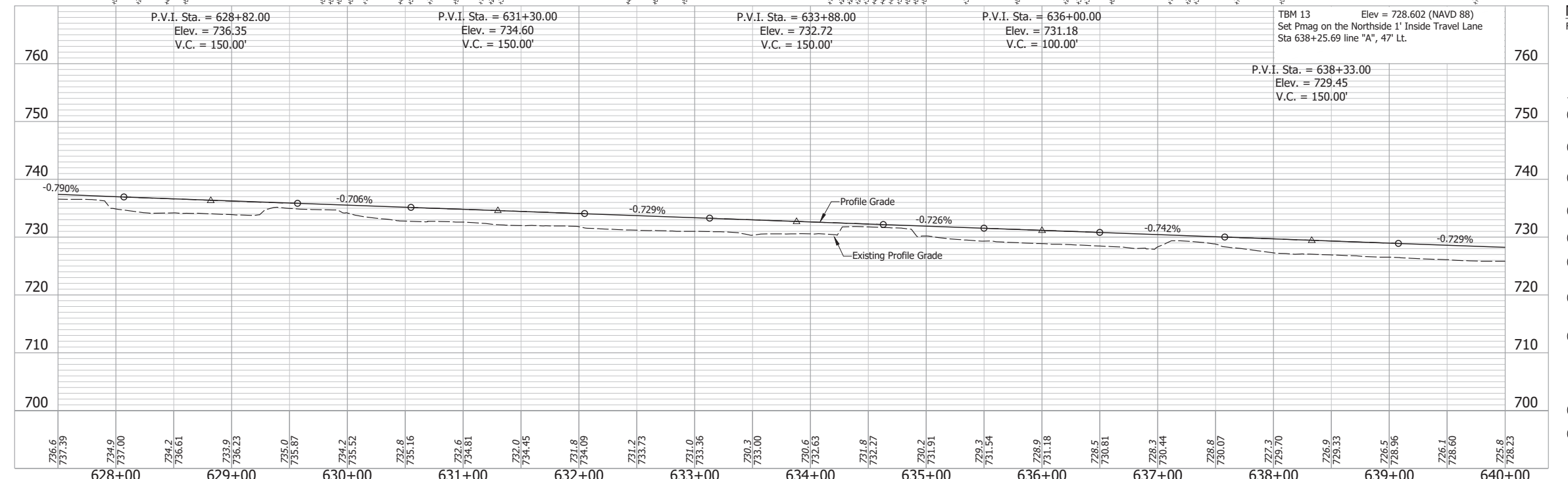
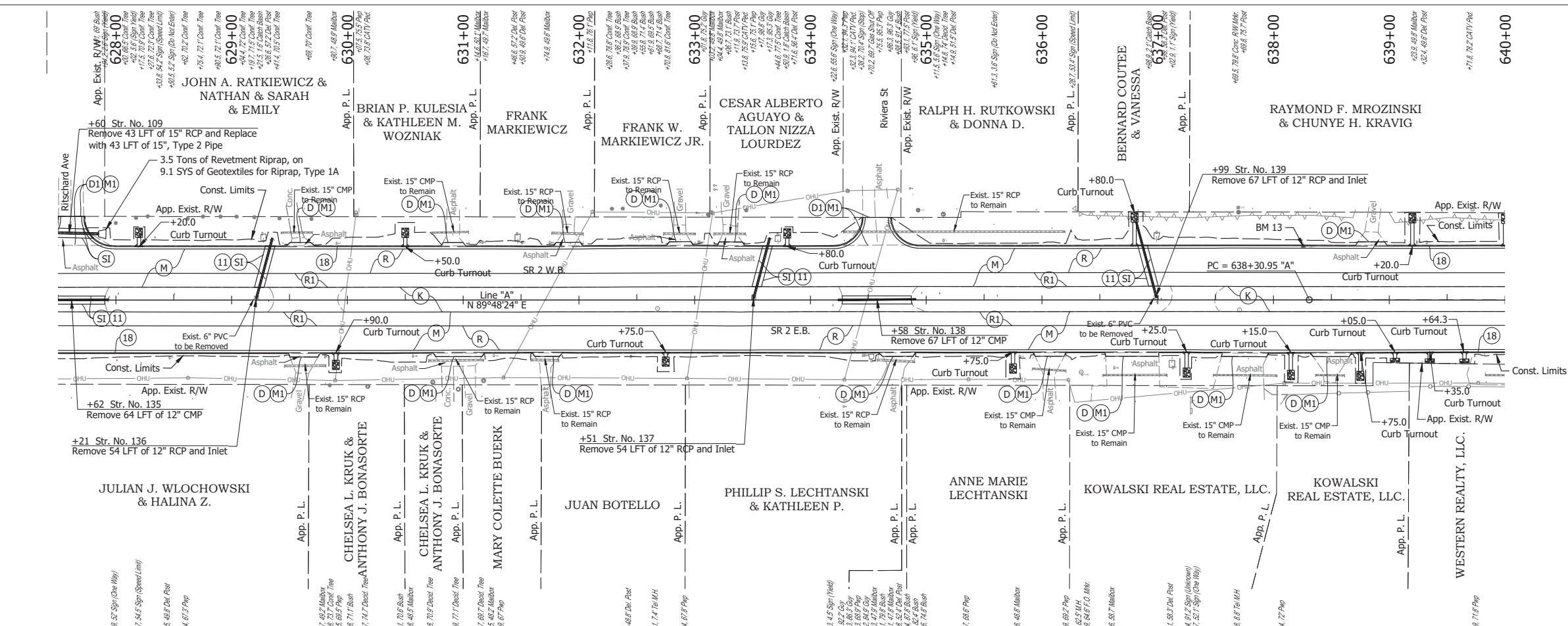
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 615+00 TO STA. 627+50**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	160 of 321
CONTRACT	PROJECT
R-42444	1900177



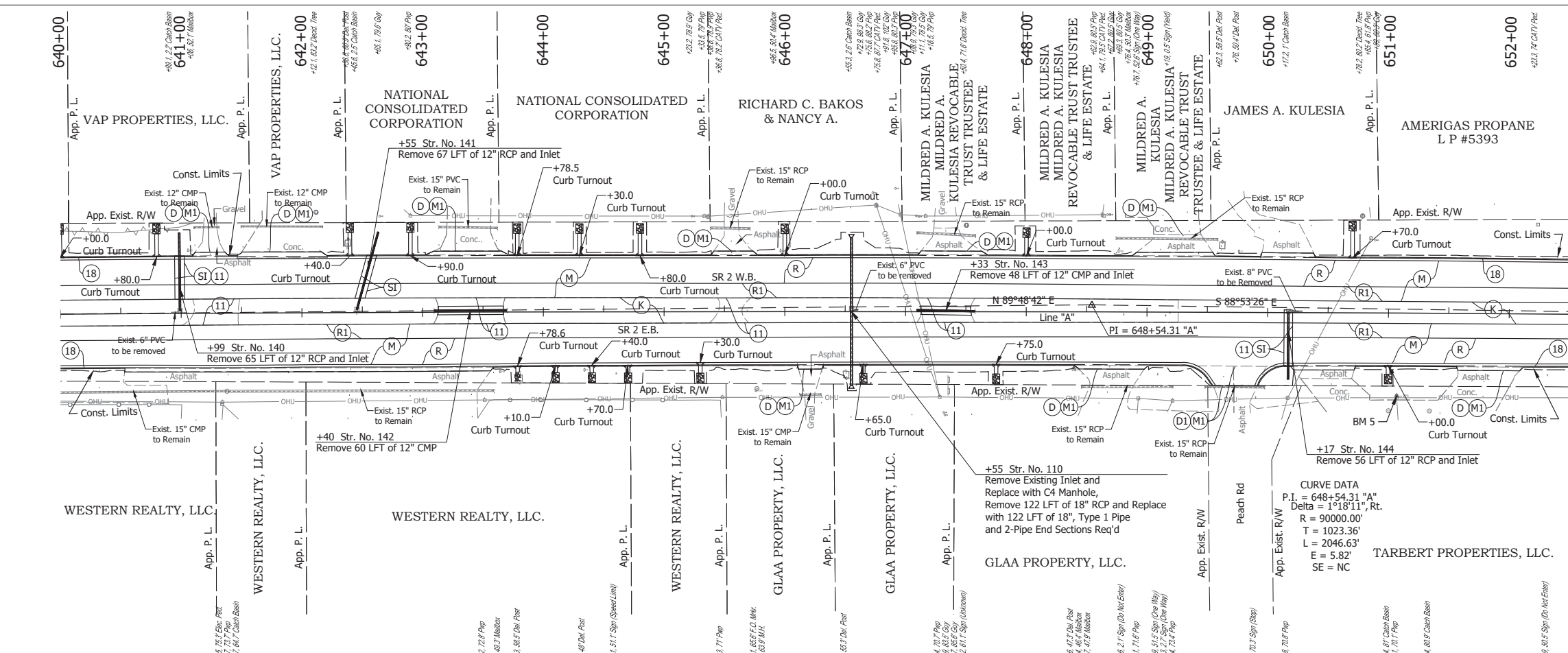
Date: Jun 28, 2023, 4:46pm User Name: Sara Munsie  
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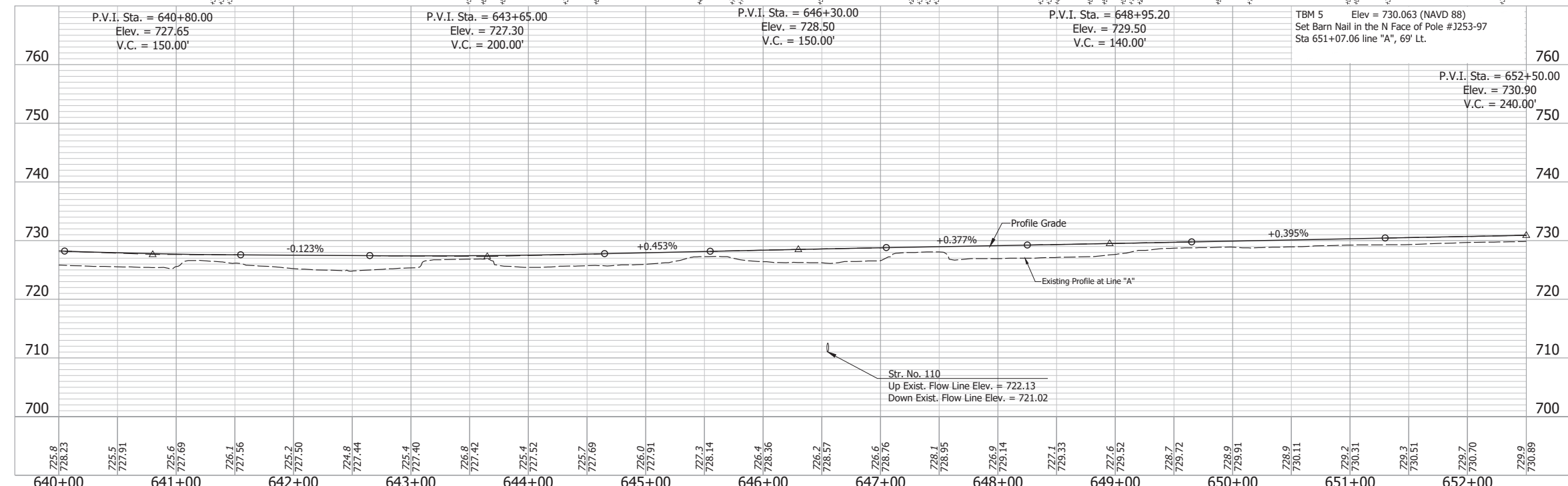
- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (R1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Variable Depth QC/QA-HMA, 3, 64, Intermediate, 19.0 mm (2.5 in. minimum)
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
  - (11) Sawcut
  - (18) Combined Concrete Curb and Gutter, Type B

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	
		PLAN AND PROFILE - LINE "A" STA. 627+50 TO STA. 640+00	
DESIGNED: _____ SFM	DRAWN: _____ SFM	SURVEY BOOK ELECTRONIC 161 of 321 CONTRACT R-42444	SHEET PROJECT 1900177
CHECKED: _____ WBF	CHECKED: _____ WBF		





**CURVE DATA**  
 P.I. = 648+54.31 "A"  
 Delta = 1°18'11", Rt.  
 R = 90000.00'  
 T = 1023.36'  
 L = 2046.63'  
 E = 5.82'  
 SE = NC



**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

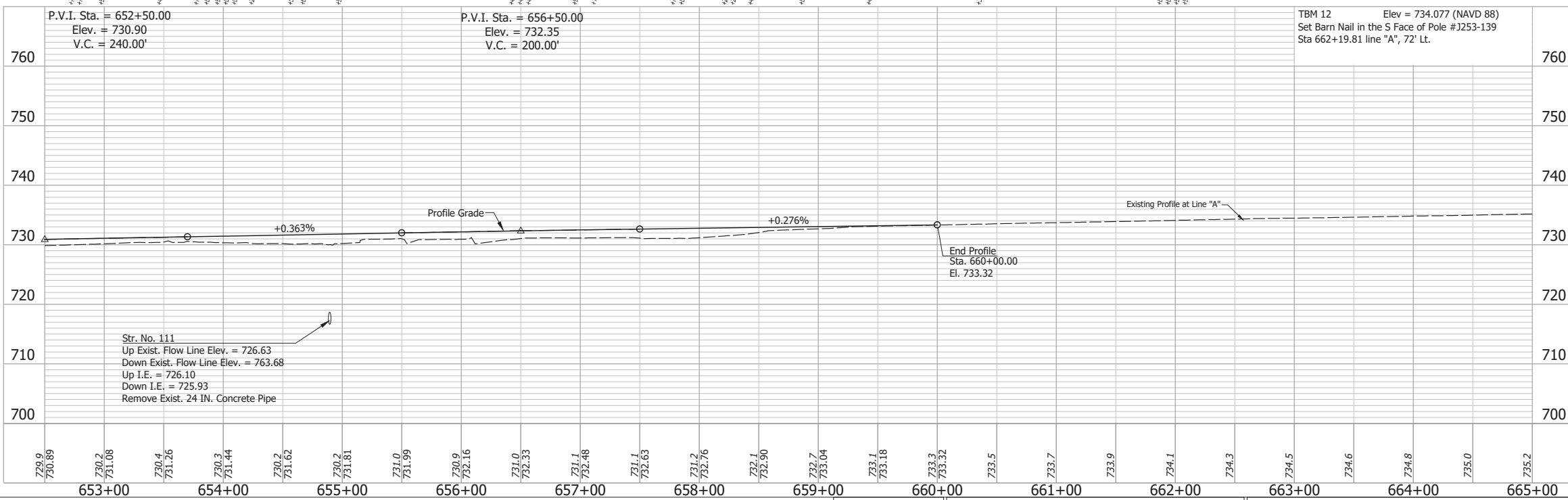
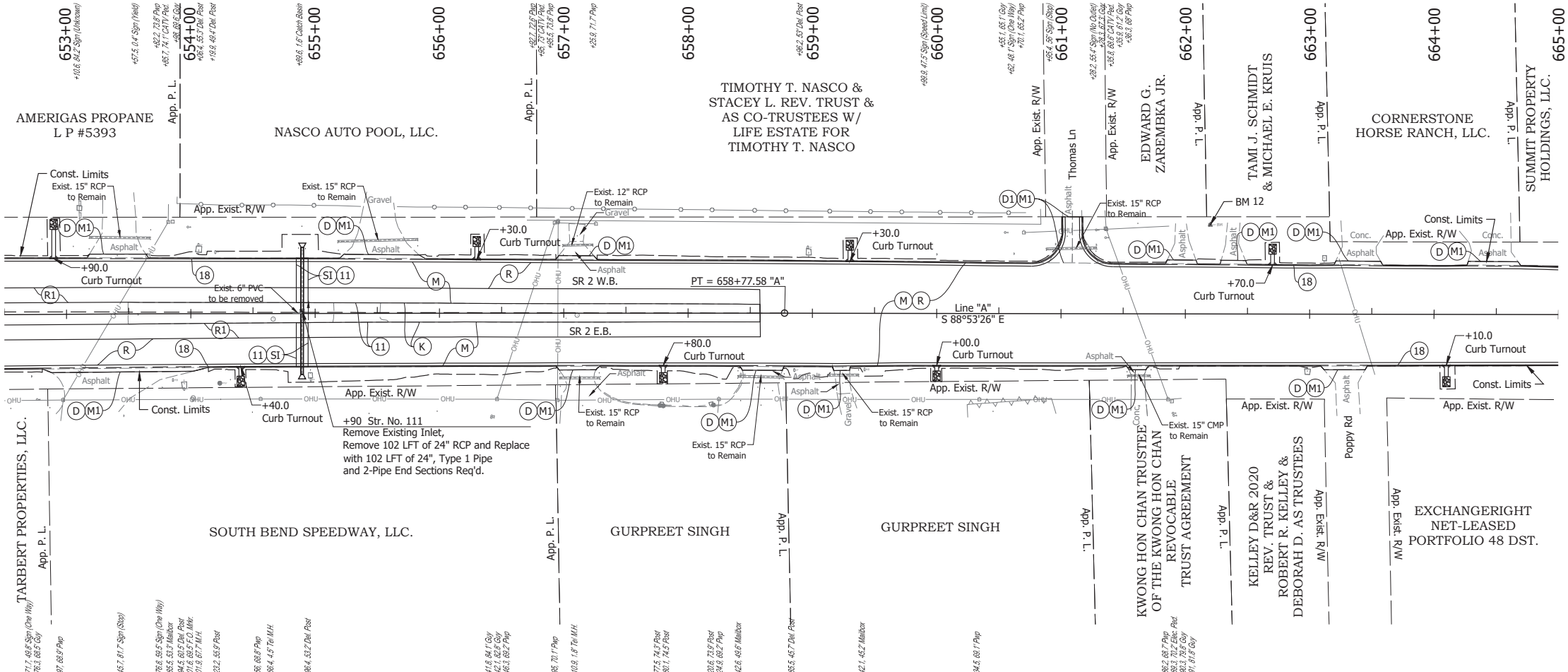
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (R1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Variable Depth QC/QA-HMA, 3, 64, Intermediate, 19.0 mm (2.5 in. minimum)
- (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
- (11) Sawcut
- (18) Combined Concrete Curb and Gutter, Type B

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 640+00 TO STA. 652+00**

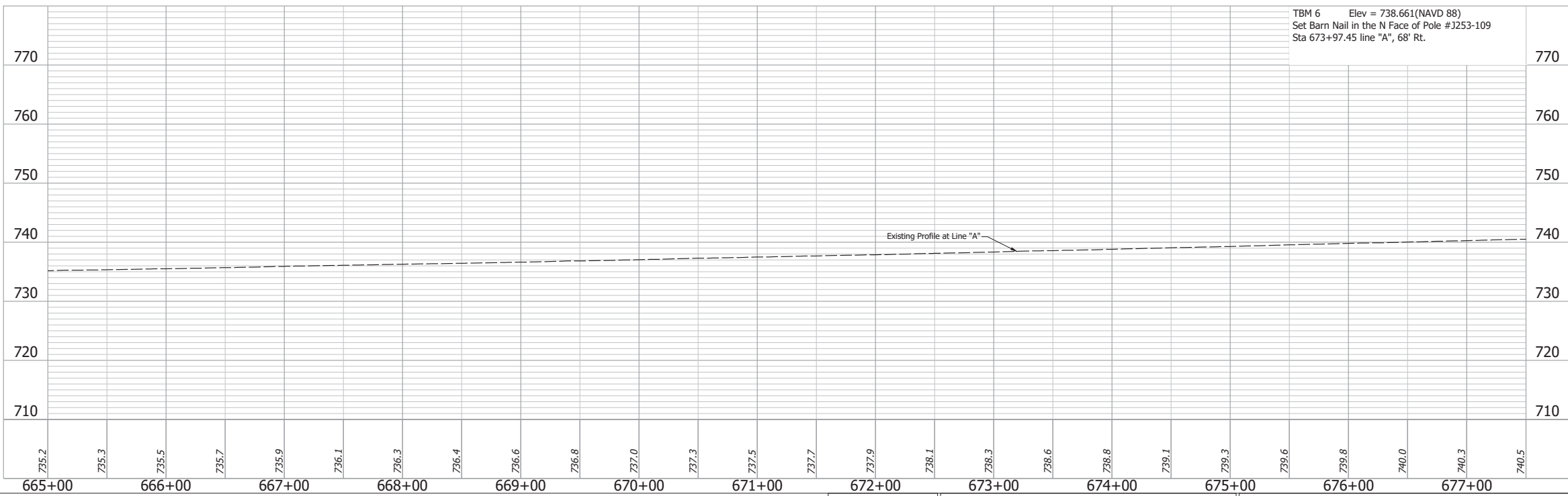
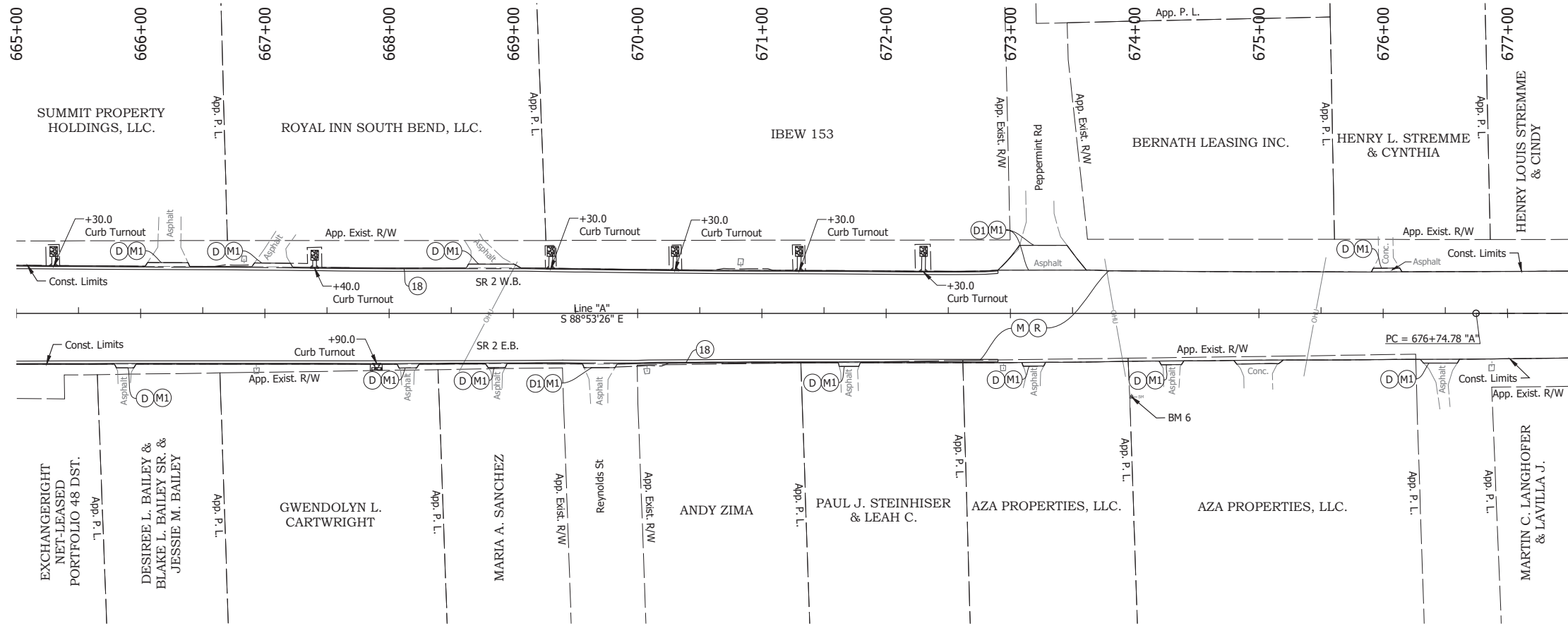
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	162 of 321
CONTRACT	PROJECT
R-42444	1900177



- NOTE:**  
For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (K) HMA Pavement, Full Depth: Pavement Design still to be Determined
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
  - (R1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Variable Depth QC/QA-HMA, 3, 64, Intermediate, 19.0 mm (2.5 in. minimum)
  - (SI) HMA for Structure Installation: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type 1C
  - (11) Sawcut
  - (18) Combined Concrete Curb and Gutter, Type B

Date: Jun 28, 2023, 4:49pm User Name: Sara Munsie File: X:\production\files\2020120-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_05.dwg (Plan & Profile) (20)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: SFM	DRAWN: SFM			1" = 50'	N/A
CHECKED: WBF	CHECKED: WBF			VERTICAL SCALE	DESIGNATION
			PLAN AND PROFILE - LINE "A" STA. 652+50 TO STA. 665+00	1" = 10'	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	163 of 321
				CONTRACT	PROJECT
				R-42444	1900177



**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (D1) HMA for Approaches, Type C, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (18) Combined Concrete Curb and Gutter, Type B

Date: Jun 28, 2023, 4:50pm User Name: Sara Munsie  
File: X:\production\files\2021\20-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_05.dwg (Plan & Profile (1))

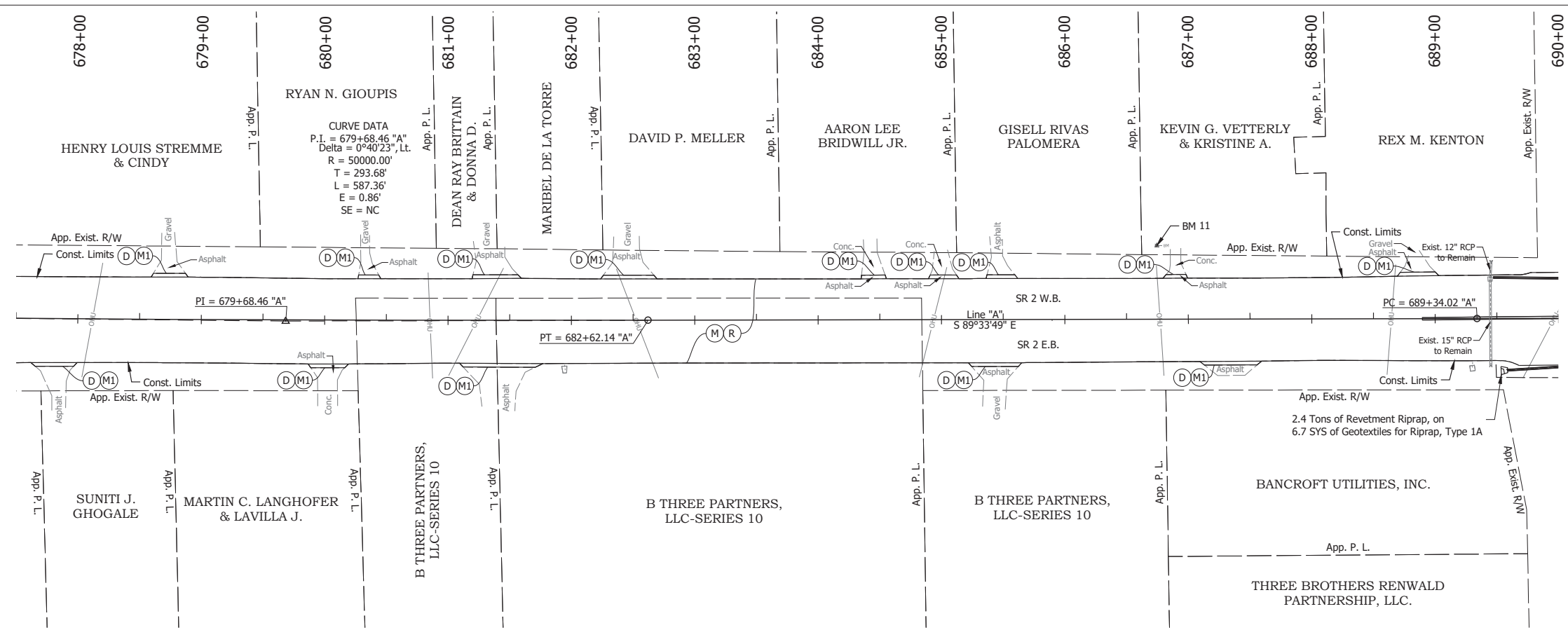
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: SFM	DRAWN: SFM	
CHECKED: WBF	CHECKED: WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

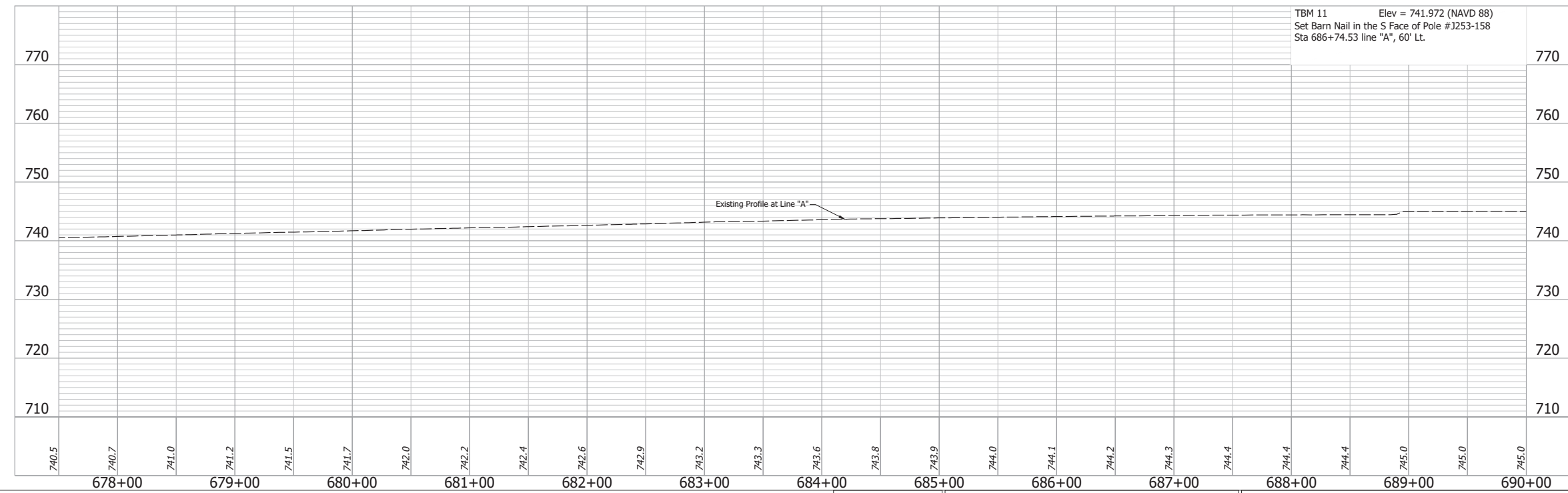
**PLAN AND PROFILE - LINE "A"**  
**STA. 665+00 TO STA. 677+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	164 of 321
CONTRACT	PROJECT
R-42444	1900177





CURVE DATA  
 P.I. = 679+68.46 "A"  
 Delta = 0°40'23" Lt.  
 R = 50000.00'  
 T = 293.68'  
 L = 587.36'  
 E = 0.86'  
 SE = NC



**NOTE:**  
 For project control see Sheet 2.

**LEGEND:**

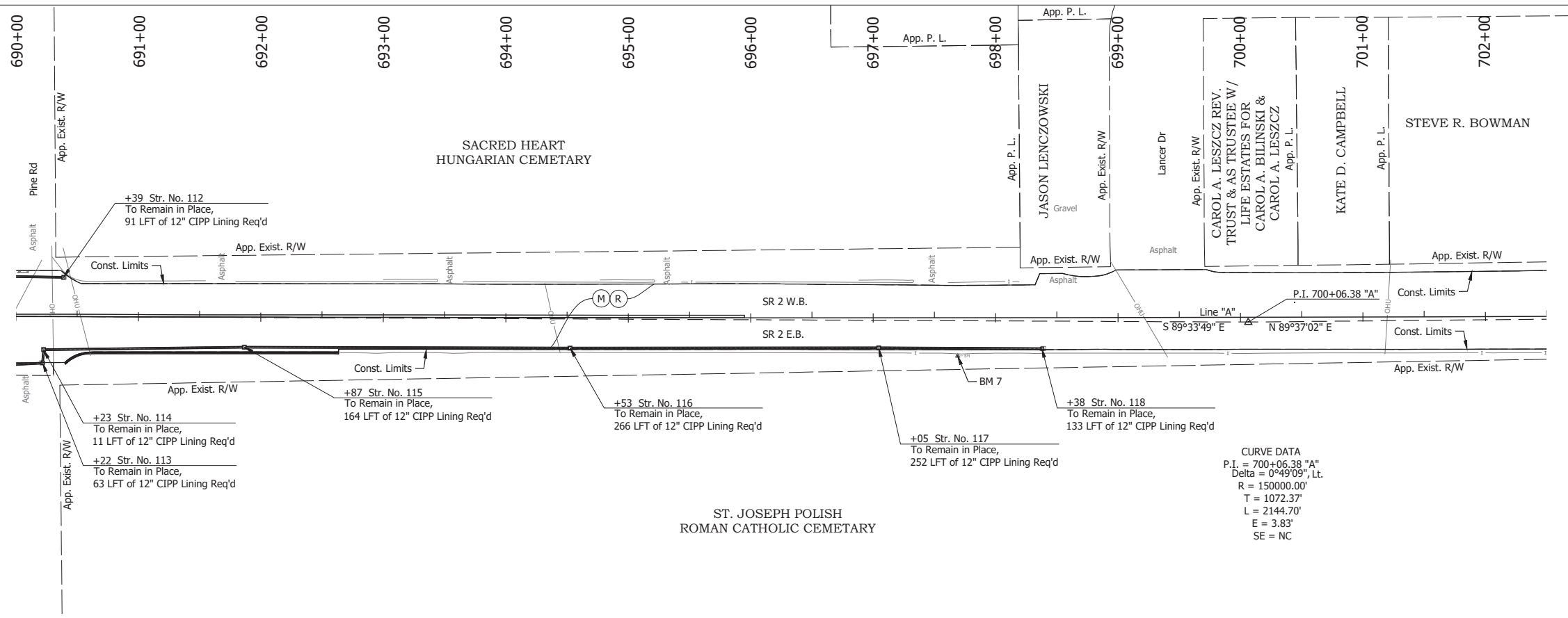
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
- (M) Milling, Asphalt, 4 in. minimum
- (M1) Milling, Approach
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:50pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PC\14\140\plans\set\shc\_rd\_plan\Profile\_05.dwg (Plan & Profile) (52)

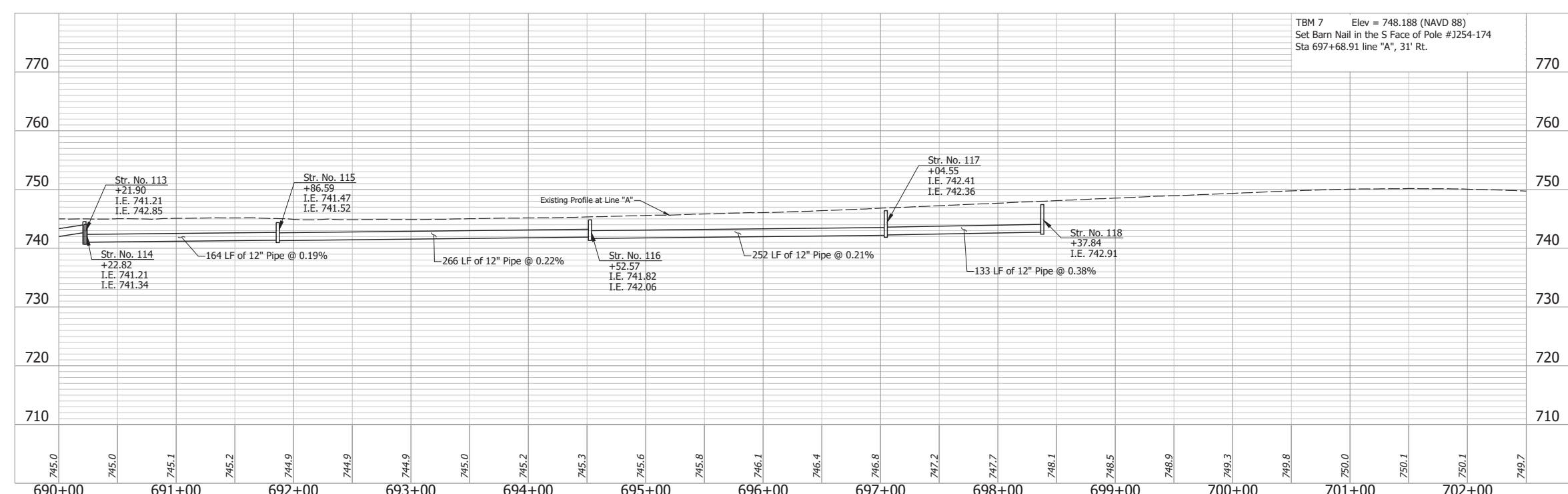
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PLAN AND PROFILE - LINE "A"**  
**STA. 677+50 TO STA. 690+00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1900177
SURVEY BOOK	SHEET
ELECTRONIC	165 of 321
CONTRACT	PROJECT
R-42444	1900177



**CURVE DATA**  
 P.I. = 700+06.38 "A"  
 Delta = 0°49'09", Lt.  
 R = 150000.00'  
 T = 1072.37'  
 L = 2144.70'  
 E = 3.83'  
 SE = NC



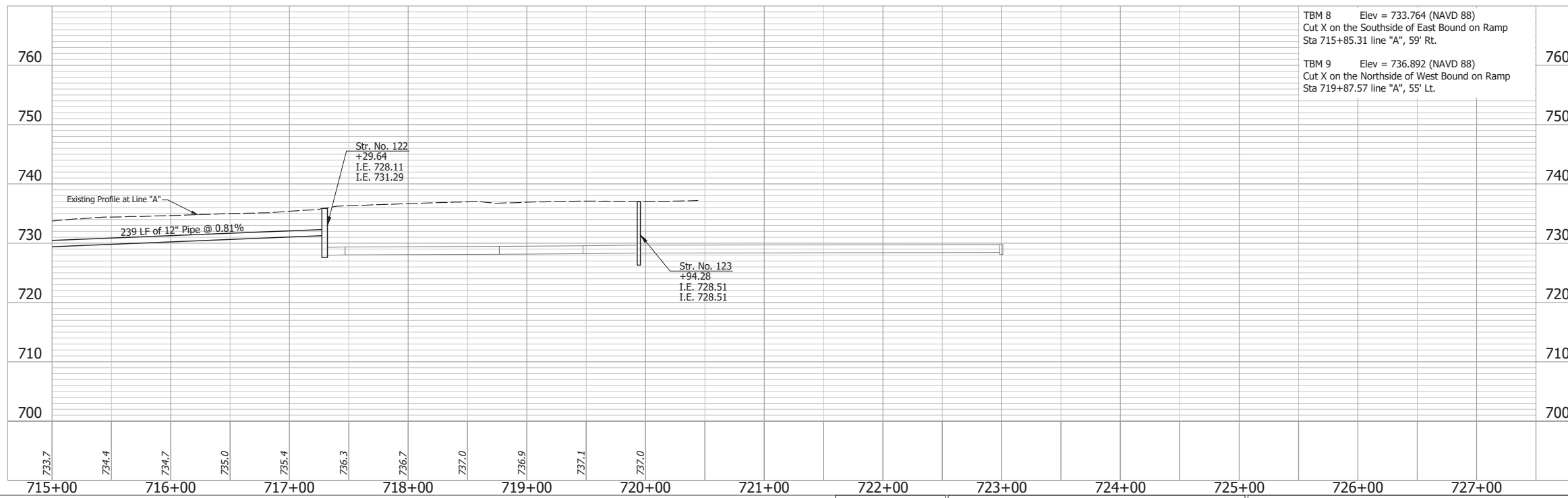
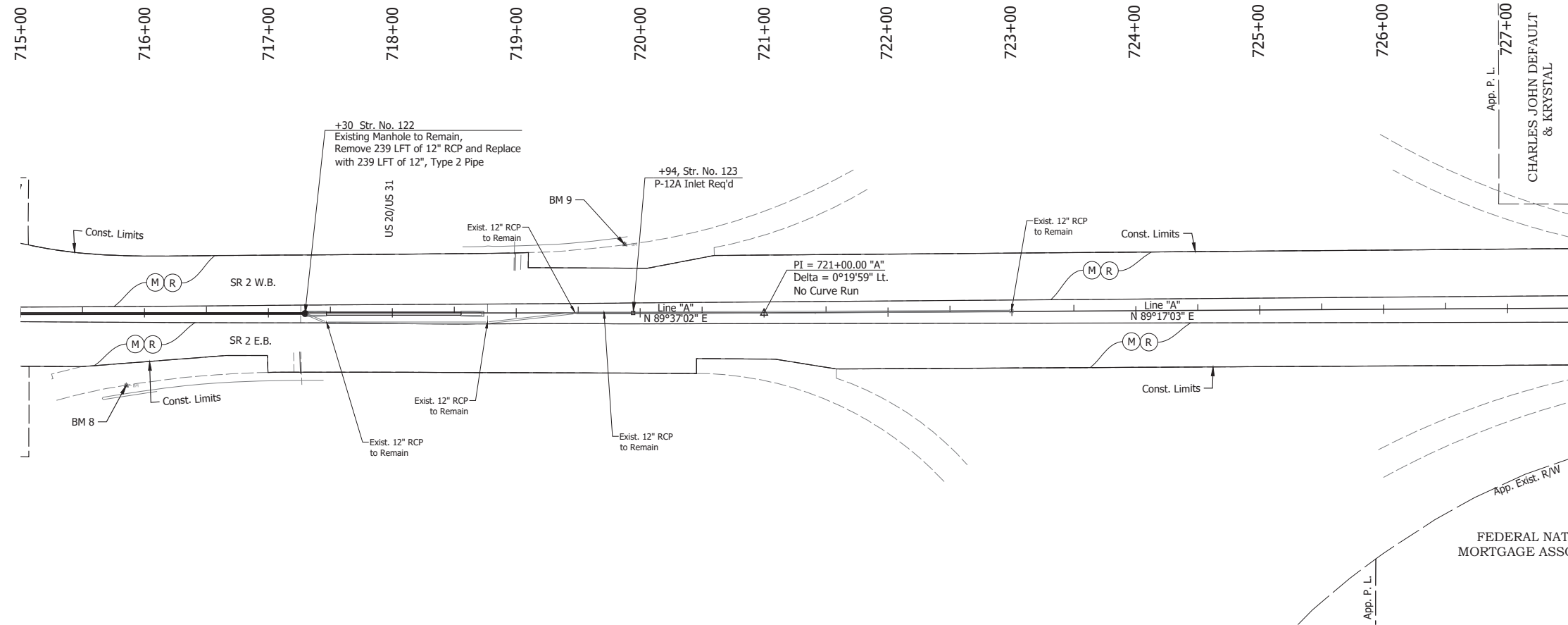
TBM 7 Elev = 748.188 (NAVD 88)  
 Set Barn Nail in the S Face of Pole #J254-174  
 Sta 697+68.91 line "A", 31' Rt.

- NOTE:**  
 For project control see Sheet 2.
- LEGEND:**
- (D) HMA for Approaches, Type B, to be 165 lbs/syd HMA Surface, 9.5 mm
  - (M) Milling, Asphalt, 4 in. minimum
  - (M1) Milling, Approach
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:51pm User Name: Sara Munsie  
 File: X:\production\files\2020120-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_05.dwg (Plan & Profile) (53)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE N/A	
DESIGNED: _____ SFM		DRAWN: _____ SFM				VERTICAL SCALE 1" = 10'		DESIGNATION 1900177	
CHECKED: _____ WBF		CHECKED: _____ WBF		PLAN AND PROFILE - LINE "A" STA. 690+00 TO STA. 702+00		SURVEY BOOK		SHEET	
						ELECTRONIC		166 of 321	
						CONTRACT		PROJECT	
						R-42444		1900177	





TBM 8 Elev = 733.764 (NAVD 88)  
Cut X on the Southside of East Bound on Ramp  
Sta 715+85.31 line "A", 59' Rt.

TBM 9 Elev = 736.892 (NAVD 88)  
Cut X on the Northside of West Bound on Ramp  
Sta 719+87.57 line "A", 55' Lt.

**NOTE:**  
For project control see Sheet 2.

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

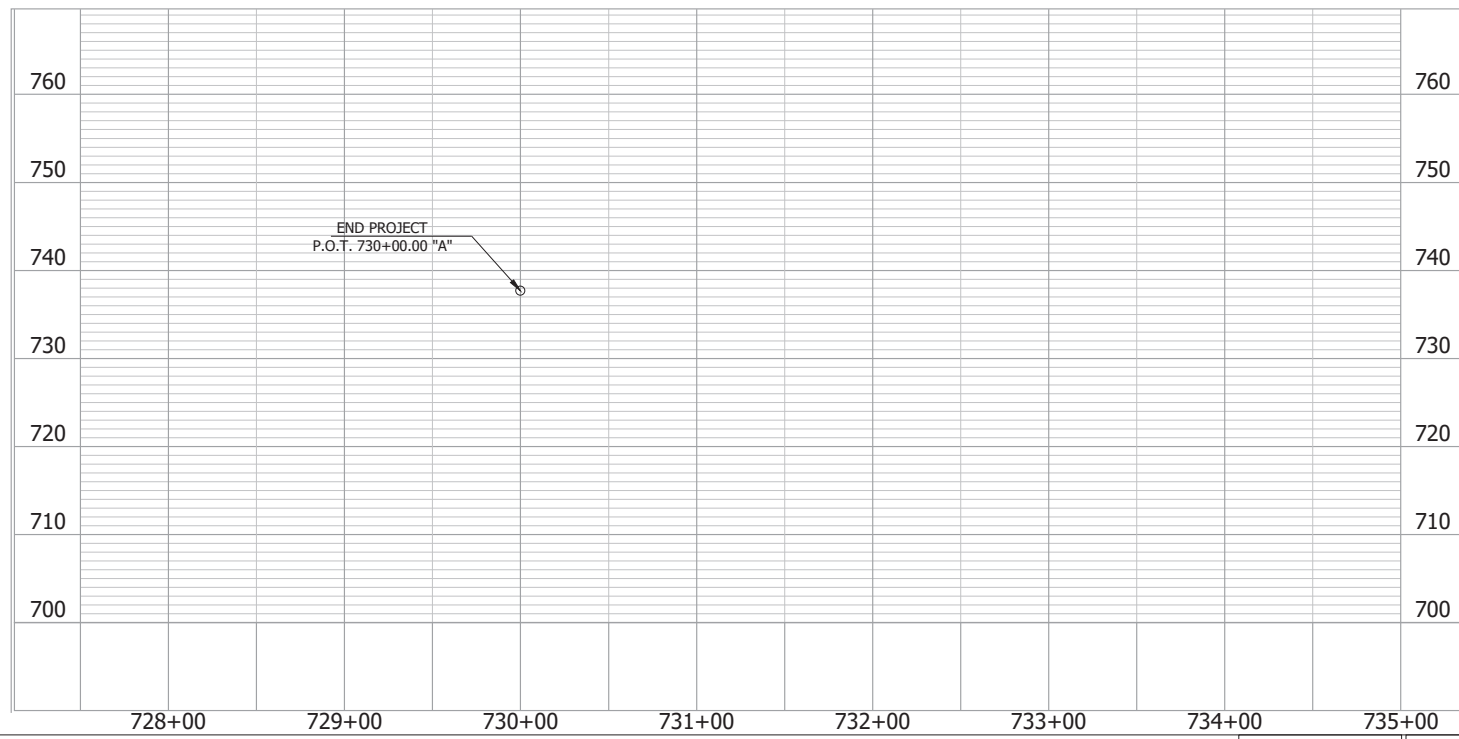
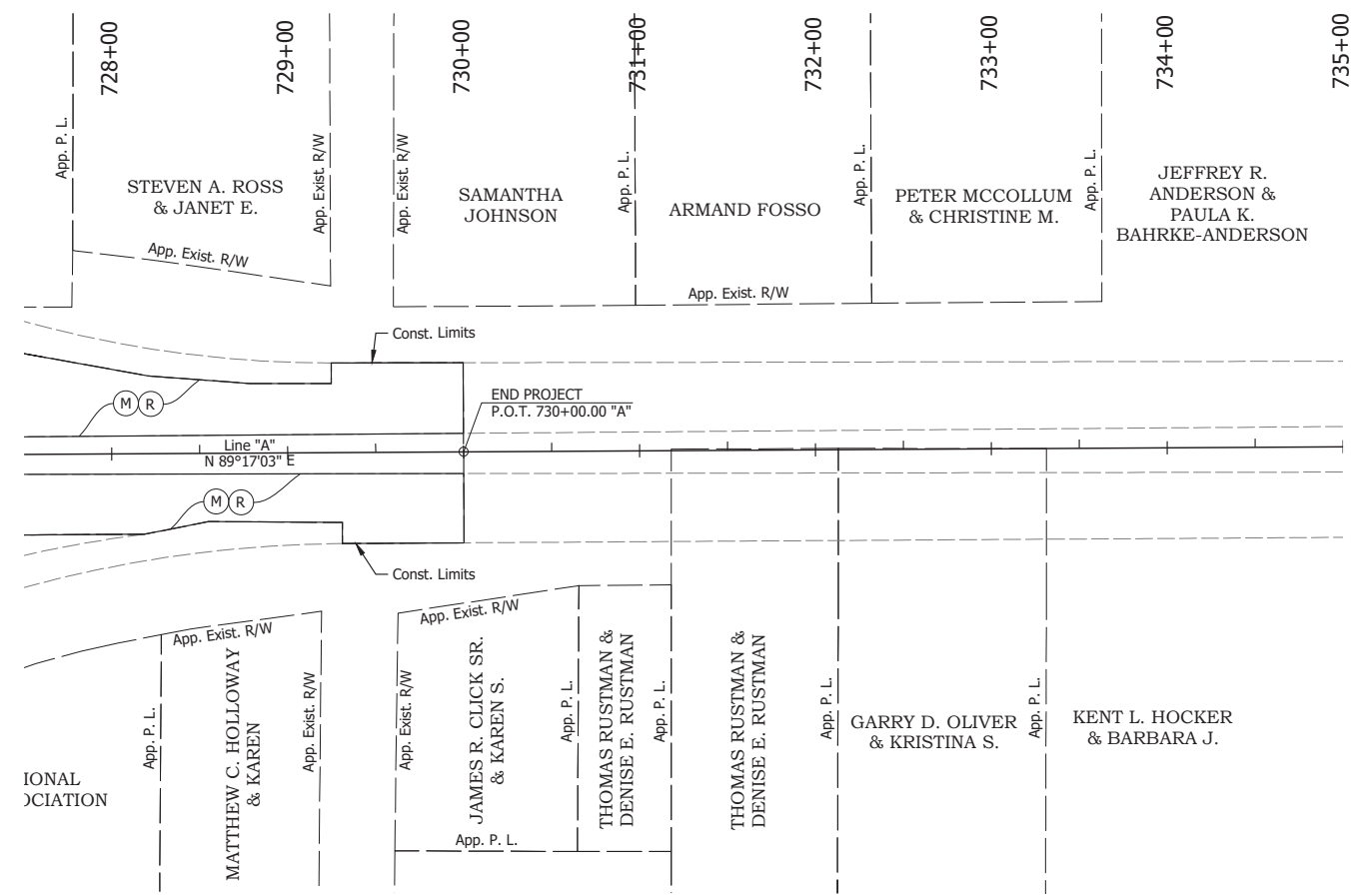
Date: Jun 28, 2023, 4:52pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PC\194\194\Plans\Set\Stk\_RD\_PlanProfile\_05.dwg (Plan & Profile) (55)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ SFM	DRAWN: _____ SFM	
CHECKED: _____ WBF	CHECKED: _____ WBF	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE - LINE "A"**  
**STA. 715+00 TO STA. 727+50**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1900177
SURVEY BOOK ELECTRONIC	SHEET 168 of 321
CONTRACT R-42444	PROJECT 1900177



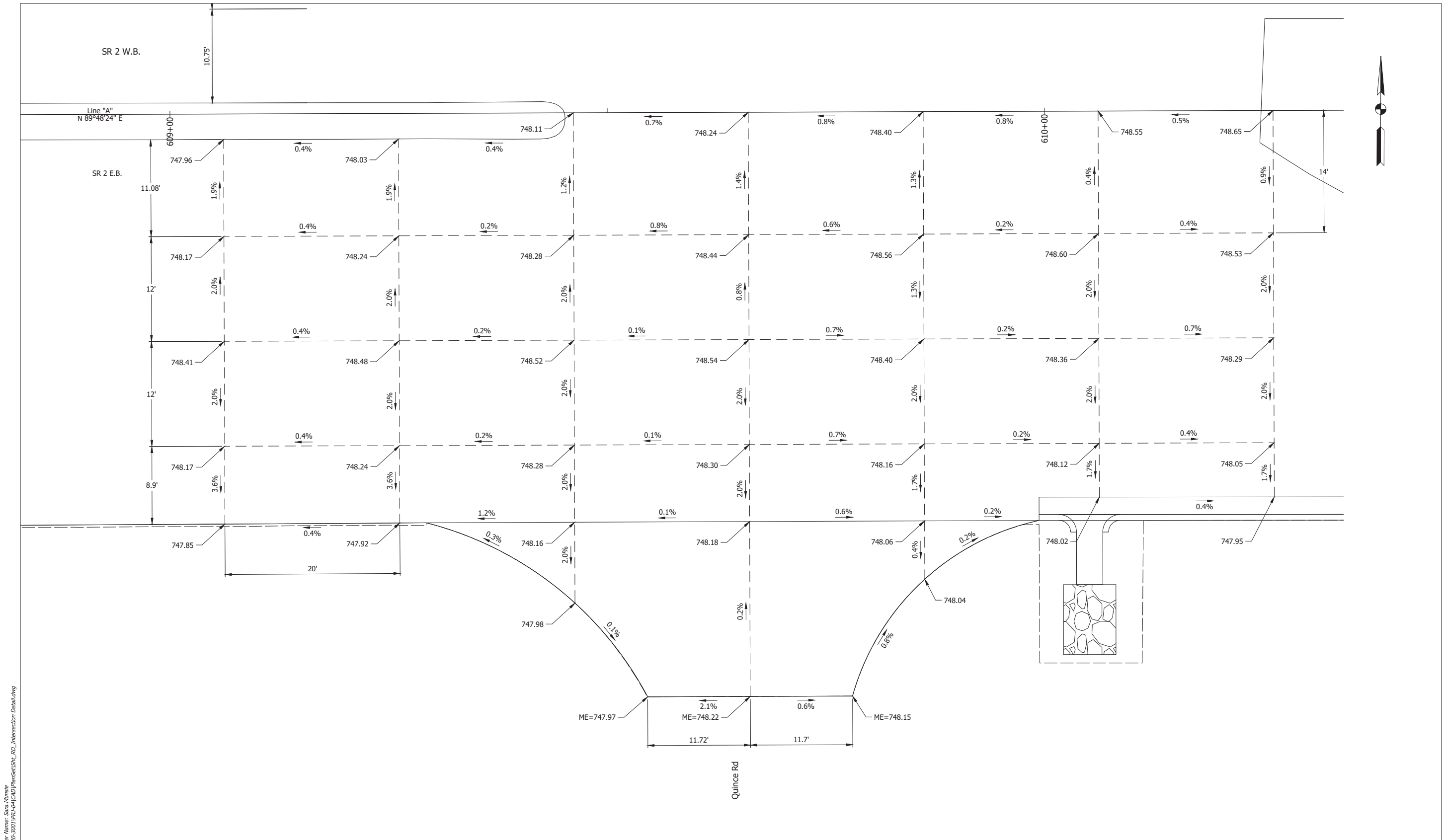
**NOTE:**  
For project control see Sheet 2.

- LEGEND:**
- (M) Milling, Asphalt, 4 in. minimum
  - (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 28, 2023, 4:53pm User Name: Sara Munsie  
File: X:\production\files\2021\20-3001\PC\04\CD\Plans\Set\Stk\_RD\_PlanProfile\_05.dwg (Plan & Profile) (50)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
			VERTICAL SCALE	DESIGNATION 1900177
DESIGNED: _____ SFM	DRAWN: _____ BJS	PLAN AND PROFILE - LINE "A" STA. 727+50 TO STA. 735+00		SURVEY BOOK
CHECKED: _____ WBF	CHECKED: _____ WBF			ELECTRONIC 169
				CONTRACT R-42444
				PROJECT 1900177

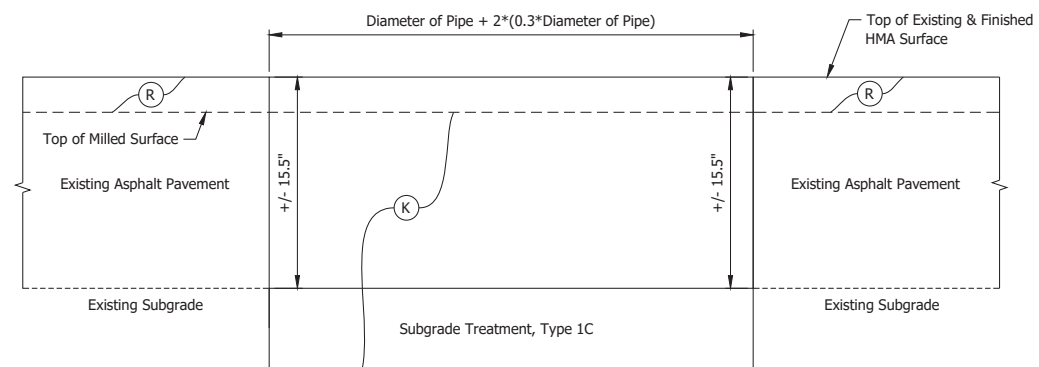




Date: Jun 23, 2023, 3:06pm User Name: Sara Mursic  
 File: X:\production\files\2021\2105-3001\IPC-04\GAD\Plans\Set(S)H\_RD\_Intersection Detail.dwg

ME Match Existing		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
			<b>INTERSECTION SPOT ELEVATIONS</b> <b>QUINCE RD</b>	VERTICAL SCALE N/A	DESIGNATION 1900177
		DESIGNED: _____ SFM DRAWN: _____ SFM		SURVEY BOOK ELECTRONIC	SHEET 171 of 321
		CHECKED: _____ WBF CHECKED: _____ WBF		CONTRACT R-42444	PROJECT 1900177





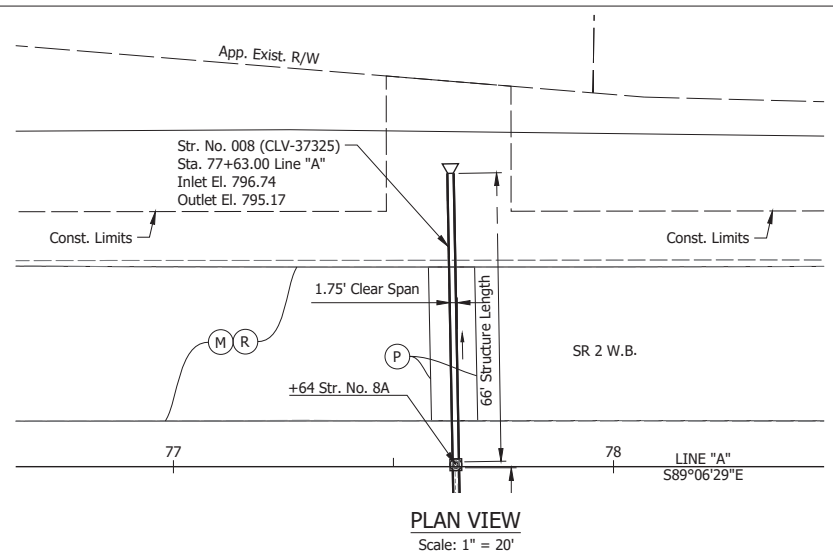
HMA PATCHING, FULL DEPTH SECTION

Date: Jun 23, 2023 2:06pm User Name: Sara Munsie  
 File: X:\production\files\2020\120-3001\PC\19\CD\PlanSet\SHC\_RD\_Details.dwg (Sheet 1)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ MMT	DRAWN: _____ MMT	
CHECKED: _____ BSS	CHECKED: _____ BSS	

INDIANA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	172 of 321
CONTRACT	PROJECT
R-42444	1900177



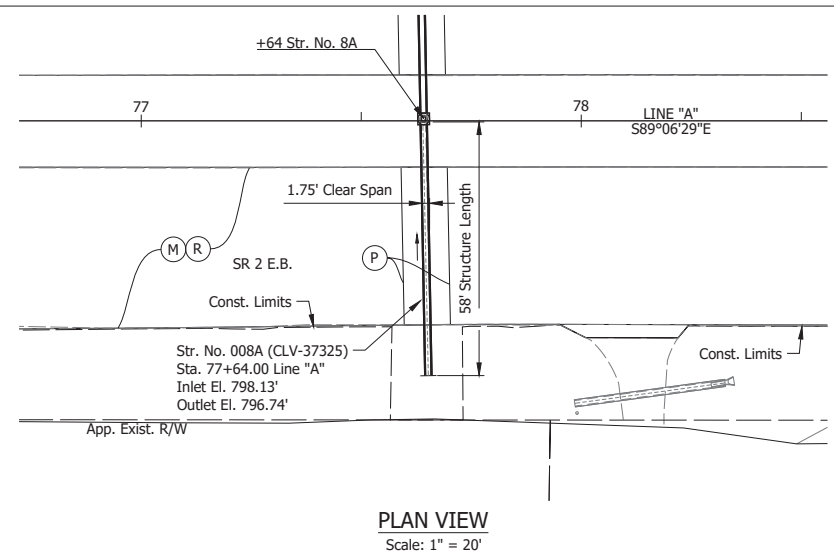
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**  
66 LFT of 15" Reinforced Concrete Pipe  
Invert Elevation: 797.10  
Outlet Elevation: 795.67

**HYDRAULIC DATA**

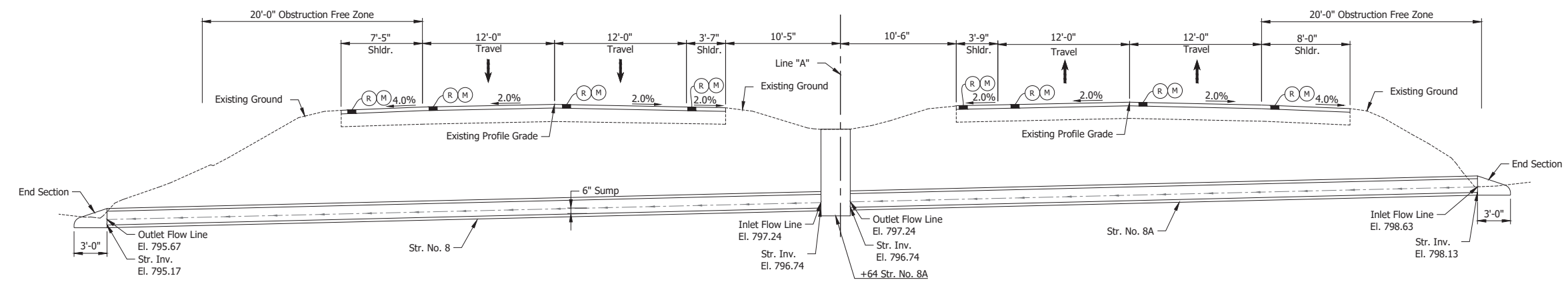
Waterway Opening Required  
Waterway Opening Provided  
Drainage Area =  
Design Discharge, Q100  
Velocity, Q25  
Q100 Elev.  
Backwater at Q100  
Existing Waterway Opening  
Existing Backwater  
Low Structure Elev.  
Existing Low Structure Elev.

sq ft  
sq ft  
sq mi  
cfs  
ft/s  
ft  
ft  
sq ft  
ft  
ft  
ft

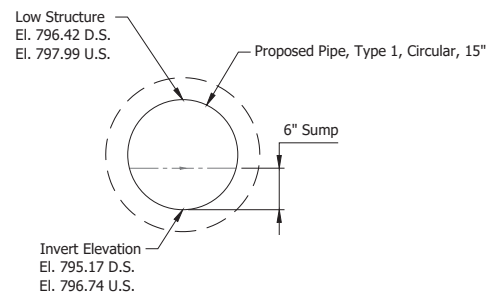


**PLAN VIEW**  
Scale: 1" = 20'

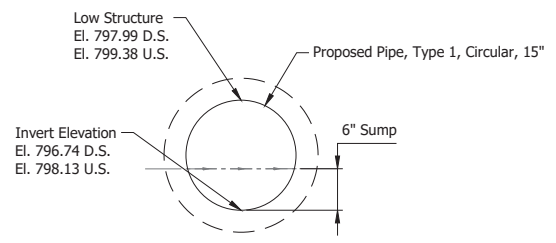
**EXISTING STRUCTURE INFORMATION**  
58 LFT of 15" Reinforced Concrete Pipe  
Invert Elevation: 798.63  
Outlet Elevation: 797.20



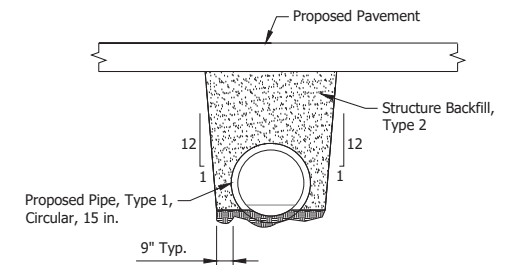
**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"



**STR. NO. 8 OUTLET SECTION**  
Scale: 1" = 1'-0"



**STR. NO. 8A OUTLET SECTION**  
Scale: 1" = 1'-0"



**BACKFILL DETAIL**  
Scale: 1/4" = 1'-0"

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

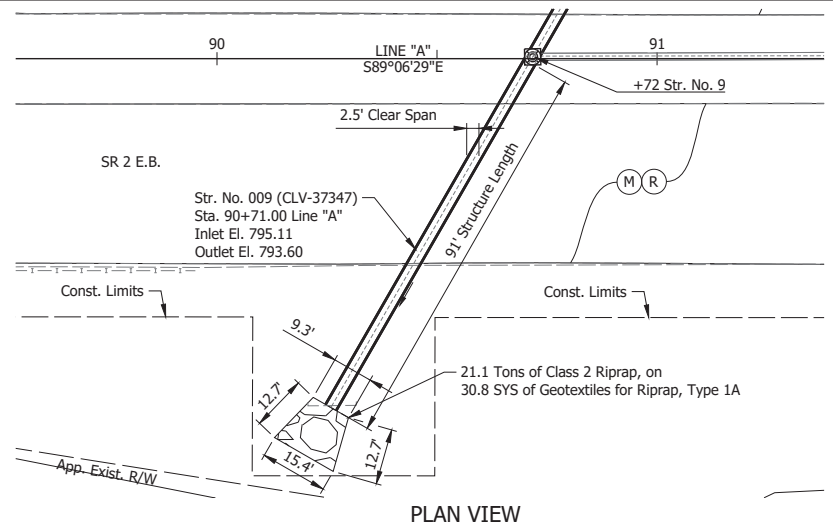
Date: Jun 23, 2023, 3:15pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CH\Drawings\SRD\_Structure Detail\_01.dwg - (Str. 8 & 8A)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MMT	DRAWN: MMT	
CHECKED: WBF	CHECKED: WBF	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**STRUCTURE DETAILS**  
**STR. NO. 8 & 8A**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	173 of 321
CONTRACT	PROJECT
R-42444	1900177



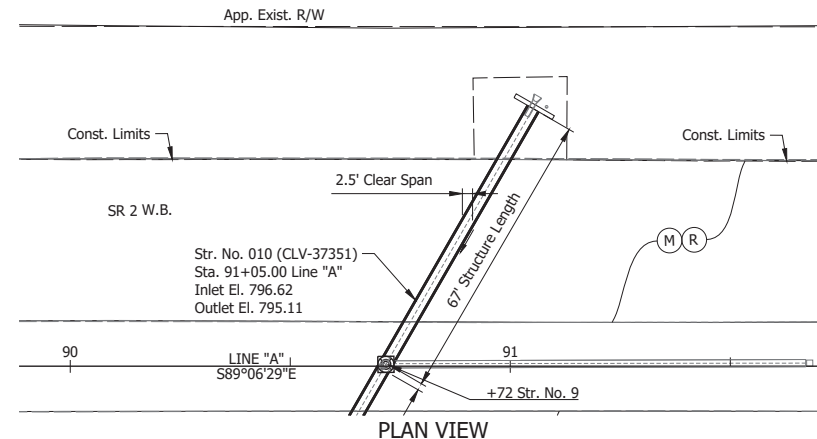
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

91 LFT of 30" Reinforced Concrete Pipe  
 Invert Elevation: 795.11  
 Outlet Elevation: 793.60

**HYDRAULIC DATA**

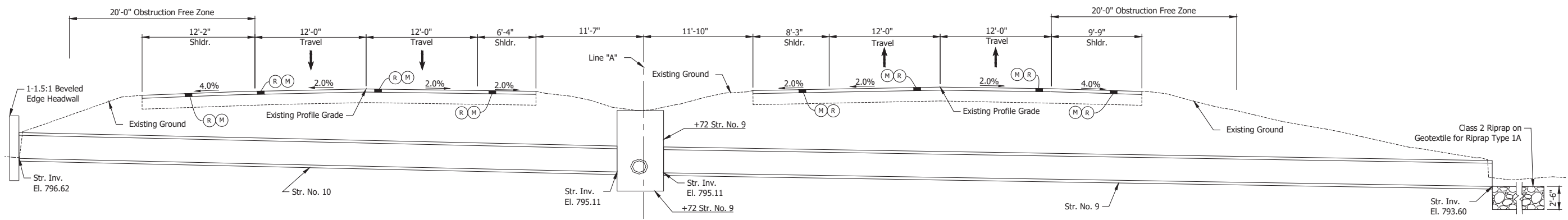
Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.11 sq mi
Design Discharge, Q100	74.99 cfs
Velocity, Q25	14.14 ft/s
Q100 Elev.	804.04 ft
Backwater at Q100	4.92 ft
Existing Waterway Opening	sq ft
Existing Backwater	4.93 ft
Low Structure Elev.	N/A ft
Existing Low Structure Elev.	796.10 ft



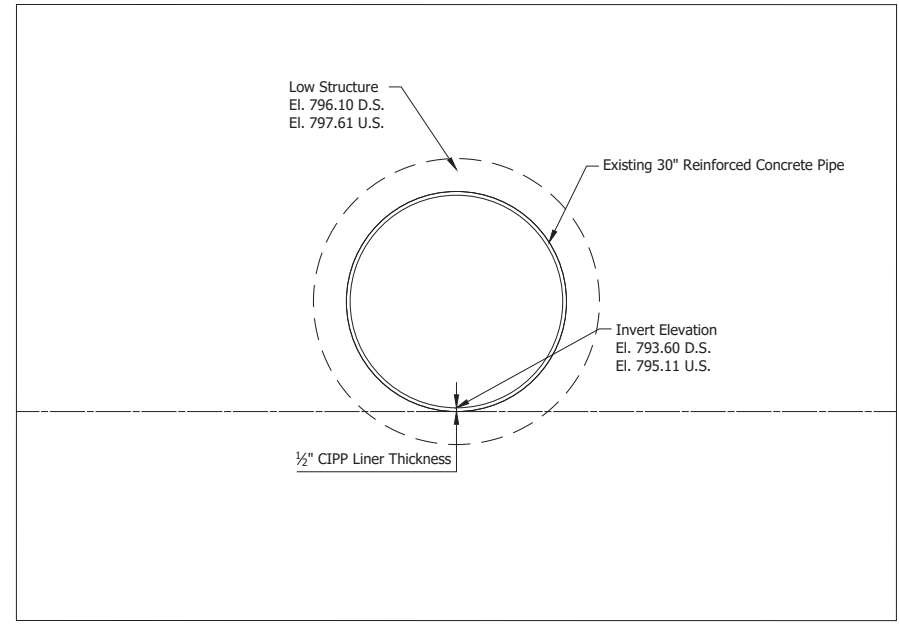
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

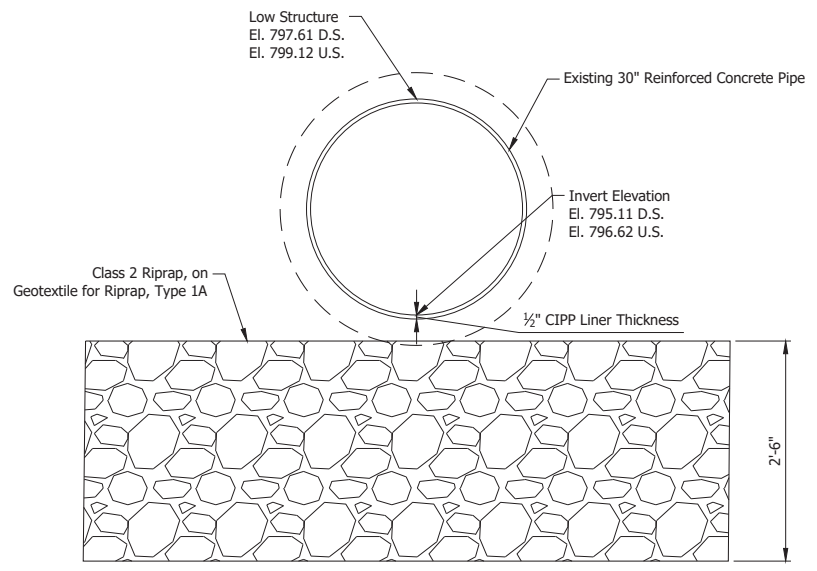
67 LFT of 30" Reinforced Concrete Pipe  
 Invert Elevation: 796.62  
 Outlet Elevation: 795.11



**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"



**STR. NO. 10 OUTLET SECTION**  
Scale: 1" = 1'-0"



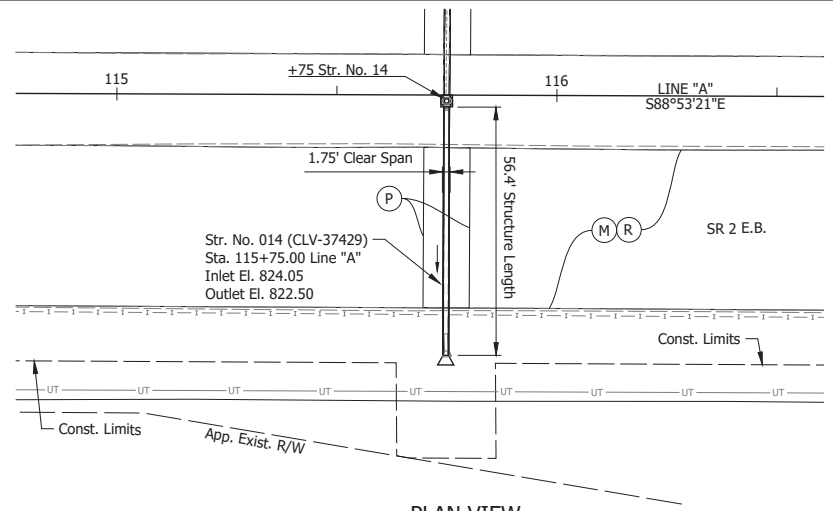
**STR. NO. 9 OUTLET SECTION**  
Scale: 1" = 1'-0"

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:17pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CHD\PlanSet\SR\_2\_Structure Detail\_01.dwg - (Str. 9 & 10)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: MMT	DRAWN: MMT		AS NOTED	N/A
CHECKED: WBF	CHECKED: WBF		<b>STRUCTURE DETAILS STR. NO. 9 &amp; 10</b>	VERTICAL SCALE	DESIGNATION
				N/A	1900177
				SURVEY BOOK	SHEET
				ELECTRONIC	174 of 321
			CONTRACT	PROJECT	
			R-42444	1900177	



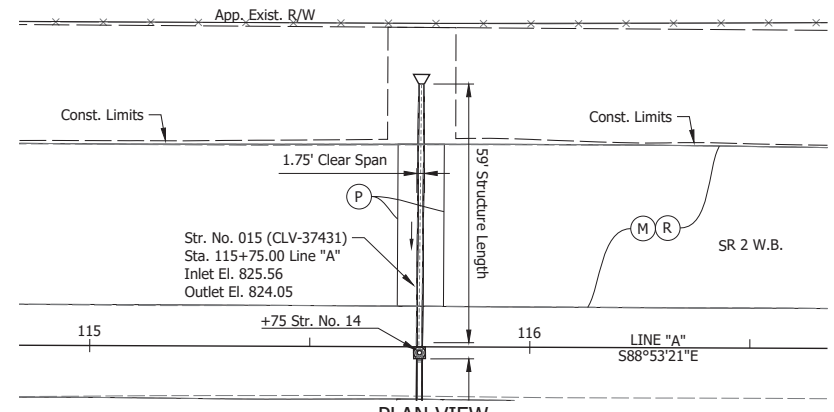
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

56 LFT of 12" Reinforced Concrete Pipe  
Invert Elevation: 824.55  
Outlet Elevation: 823.00

**HYDRAULIC DATA**

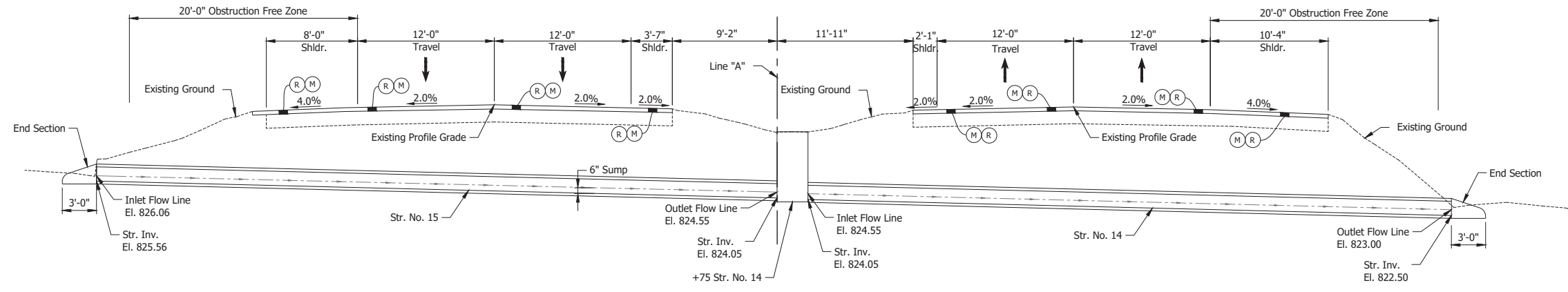
Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.01 sq mi
Design Discharge, Q100	17.15 cfs
Velocity, Q25	6.81 ft/s
Q100 Elev.	827.82 ft
Backwater at Q100	1.03 ft
Existing Waterway Opening	sq ft
Existing Backwater	1.49 ft
Low Structure Elev.	824.25 ft
Existing Low Structure Elev.	828.28 ft



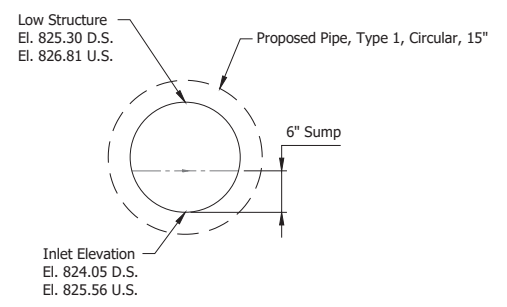
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

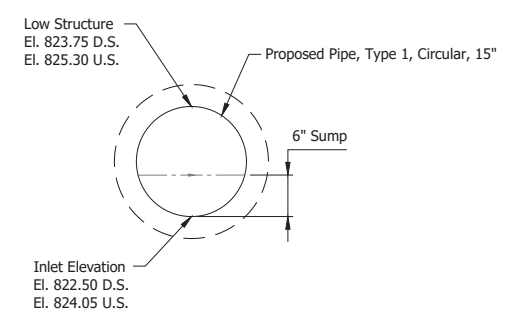
59 LFT of 15" Reinforced Concrete Pipe  
Invert Elevation: 826.06  
Outlet Elevation: 824.55



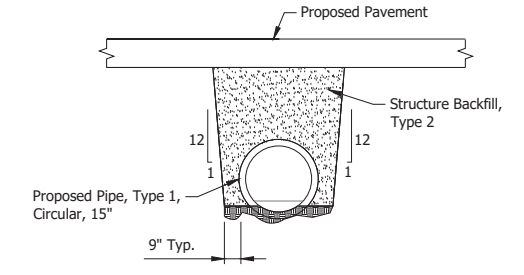
**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"



**STR. NO 15 OUTLET SECTION**  
Scale: 1" = 1'-0"



**STR. NO 14 OUTLET SECTION**  
Scale: 1" = 1'-0"



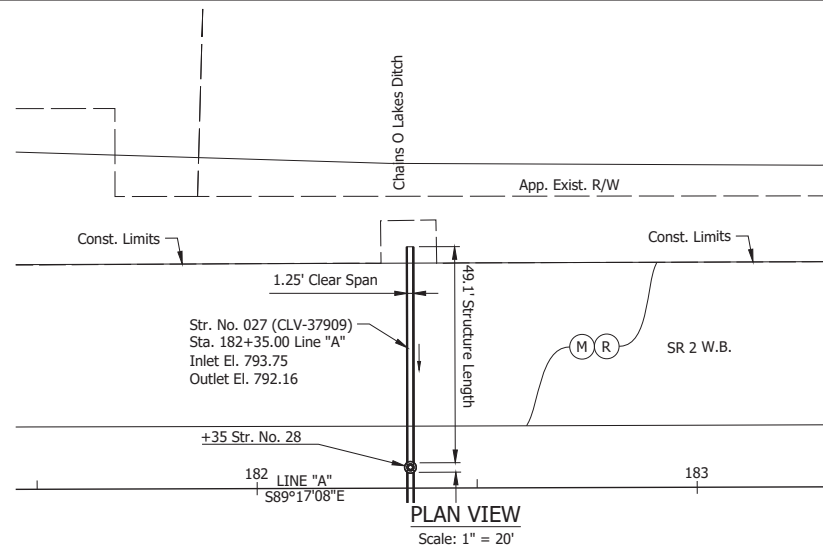
**BACKFILL DETAIL**  
Scale: 1/4" = 1'-0"

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:19pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CHD\PlanSet\SRD\_Structure Detail\_01.dwg - (Str. 14 & 15)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
			AS NOTED	N/A
DESIGNED: MMT	DRAWN: MMT	STRUCTURE DETAILS STR. NO. 14 & 15	VERTICAL SCALE	DESIGNATION
			N/A	1900177
CHECKED: WBF	CHECKED: WBF		SURVEY BOOK	SHEET
			ELECTRONIC	175 of 321
			CONTRACT	PROJECT
			R-42444	1900177

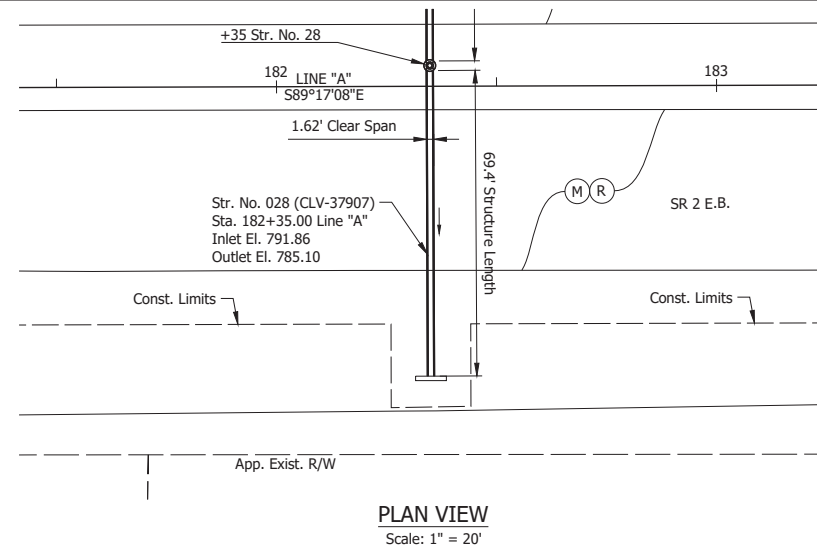


**EXISTING STRUCTURE INFORMATION**

49 LFT of 15" Reinforced Concrete Pipe  
Invert Elevation: 793.75  
Outlet Elevation: 792.16

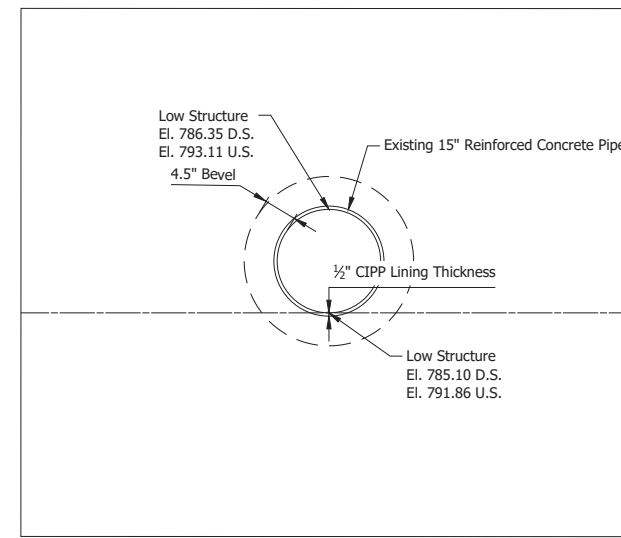
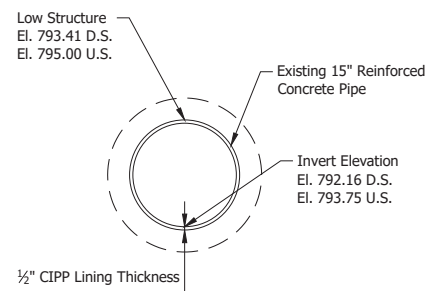
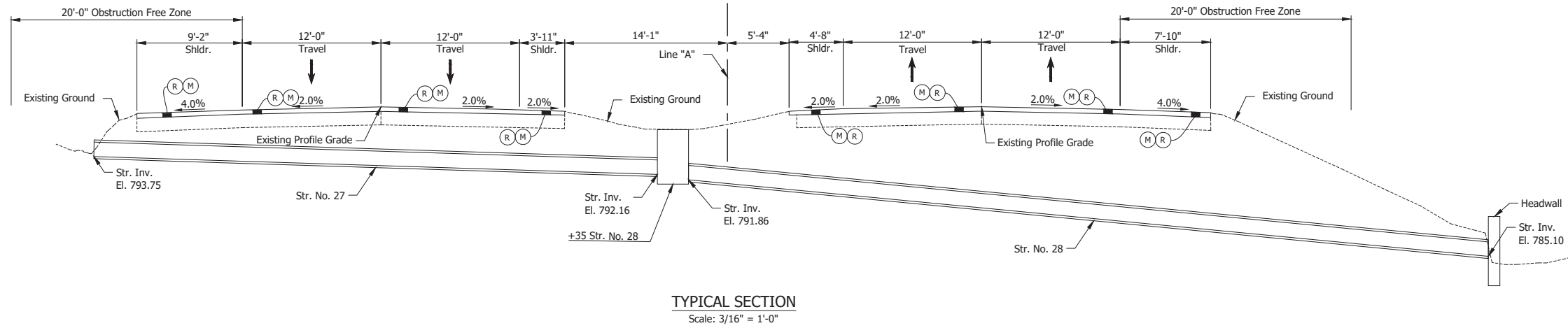
**HYDRAULIC DATA**

Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.02 sq mi
Design Discharge, Q100	24.55 cfs
Velocity, Q25	14.85 ft/s
Q100 Elev.	796.30 ft
Backwater at Q100	1.51 ft
Existing Waterway Opening	sq ft
Existing Backwater	1.52 ft
Low Structure Elev.	N/A ft
Existing Low Structure Elev.	786.35 ft



**EXISTING STRUCTURE INFORMATION**

69 LFT of 15" Reinforced Concrete Pipe  
Invert Elevation: 791.86  
Outlet Elevation: 785.10

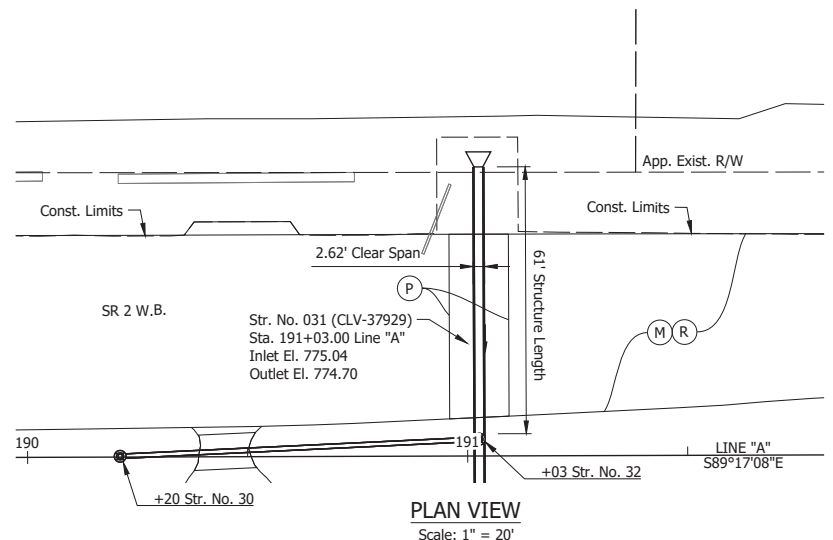


**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:21pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CH\RD\Structure Detail\_01.dwg - (Str. 27 & 28)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
				AS NOTED	N/A
DESIGNED: MMT	DRAWN: MMT	STRUCTURE DETAILS STR. NO. 27 & 28		VERTICAL SCALE	DESIGNATION
				N/A	1900177
CHECKED: WBF	CHECKED: WBF			SURVEY BOOK	SHEET
				ELECTRONIC	176 of 321
				CONTRACT	PROJECT
				R-42444	1900177



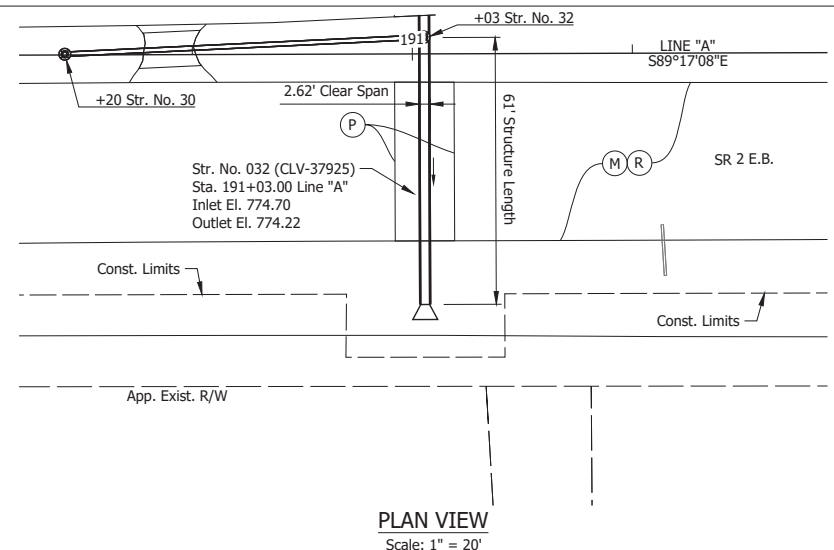
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

61 LFT of 18" Reinforced Concrete Pipe  
Invert Elevation: 775.54  
Outlet Elevation: 775.20

**HYDRAULIC DATA**

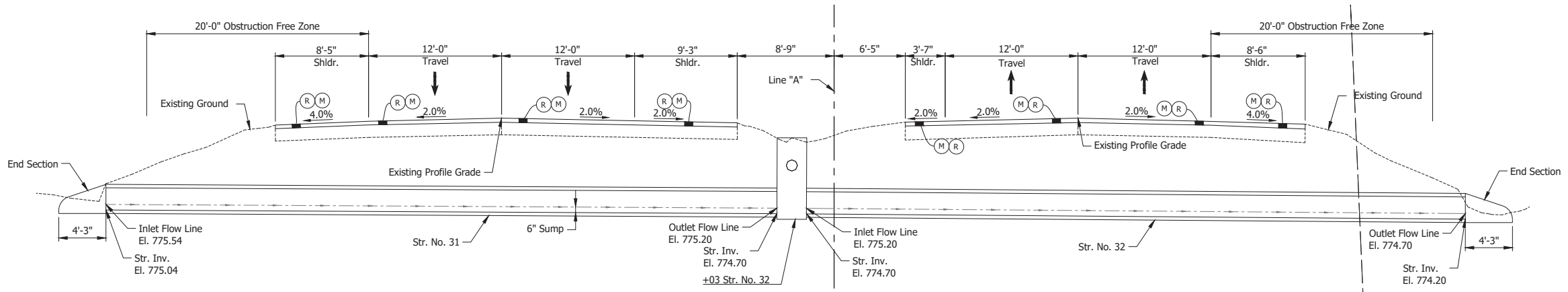
Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.08 sq mi
Design Discharge, Q100	72.05 cfs
Velocity, Q25	7.5 ft/s
Q100 Elev.	779.15/779.76 ft
Backwater at Q100	2.11/0.00 ft
Existing Waterway Opening	sq ft
Existing Backwater	4.57/1.69 ft
Low Structure Elev.	779.22 ft
Existing Low Structure Elev.	776.22 ft



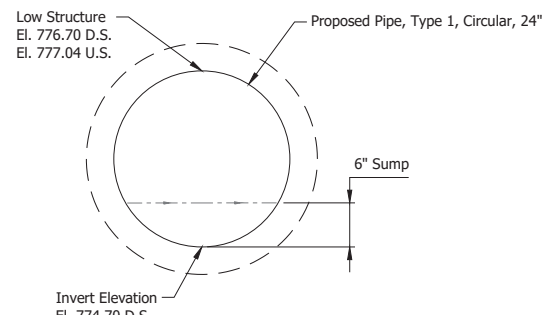
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

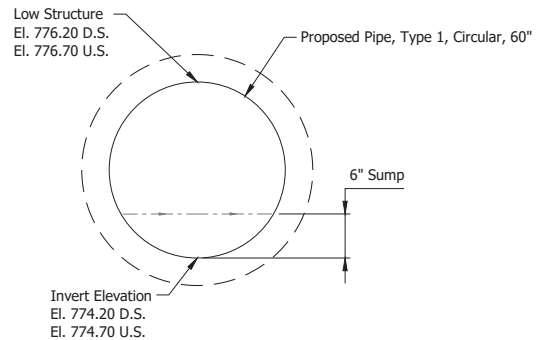
61 LFT of 18" Reinforced Concrete Pipe  
Invert Elevation: 775.20  
Outlet Elevation: 774.42



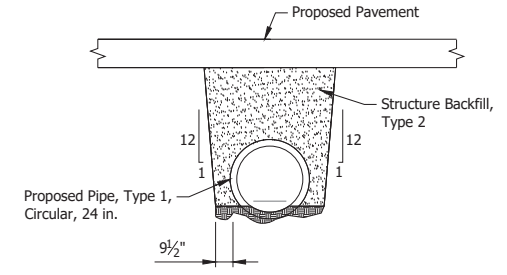
**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"



**STR. NO. 31 OUTLET SECTION**  
Scale: 1" = 1'-0"



**STR. NO. 32 OUTLET SECTION**  
Scale: 1" = 1'-0"



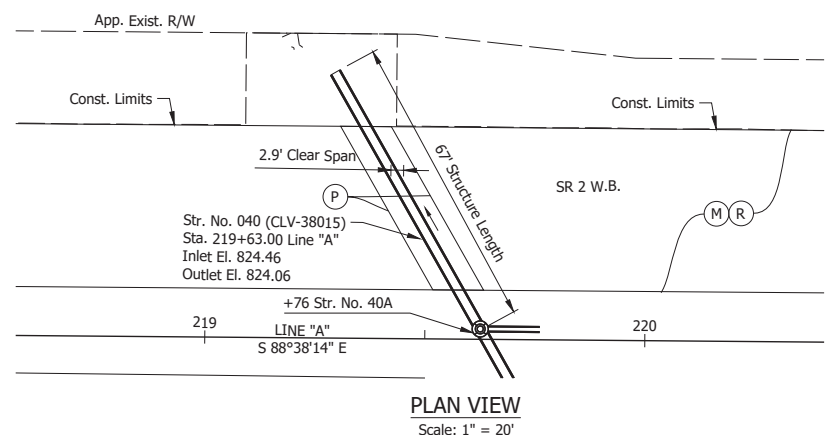
**BACKFILL DETAIL**  
Scale: 1/4" = 1'-0"

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:23pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SHL\_RD\_Structure Detail\_01.dwg - (Str. 31 & 32)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: MMT		DRAWN: MMT				AS NOTED		N/A	
CHECKED: WBF		CHECKED: WBF		STRUCTURE DETAILS STR. NO. 31 & 32		VERTICAL SCALE		DESIGNATION	
						N/A		1900177	
						SURVEY BOOK		SHEET	
				ELECTRONIC		177 of 321			
				CONTRACT		PROJECT			
				R-42444		1900177			



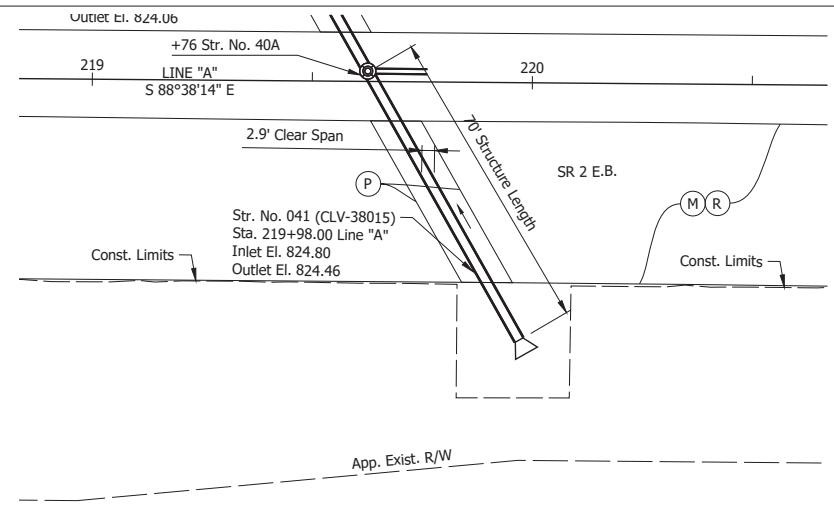
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

67 LFT of 24" Reinforced Concrete Pipe  
Invert Elevation: 824.96  
Outlet Elevation: 824.56

**HYDRAULIC DATA**

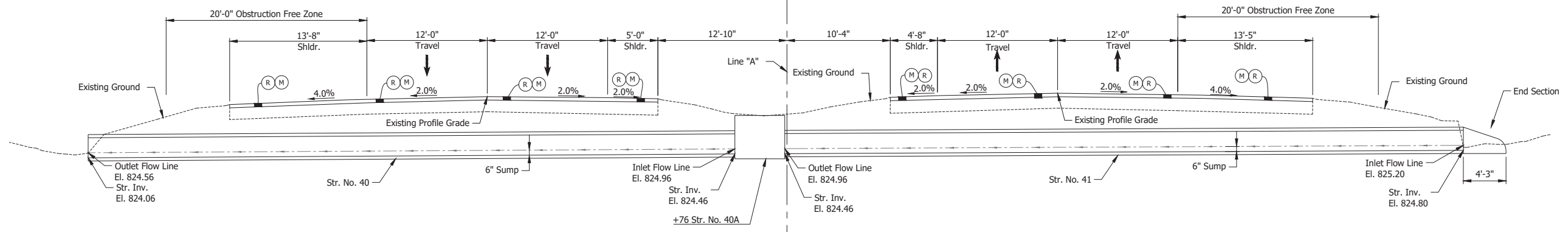
Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.15 sq mi
Design Discharge, Q100	121.73 cfs
Velocity, Q25	8.45 ft/s
Q100 Elev.	829.35 ft
Backwater at Q100	N/A ft
Existing Waterway Opening	sq ft
Existing Backwater	2.21 ft
Low Structure Elev.	827.06 ft
Existing Low Structure Elev.	826.56 ft



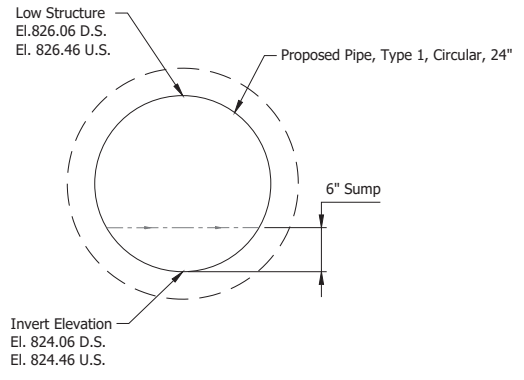
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

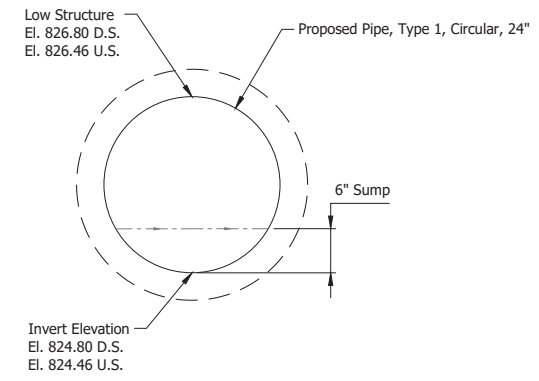
70 LFT of 24" Reinforced Concrete Pipe  
Invert Elevation: 825.30  
Outlet Elevation: 824.96



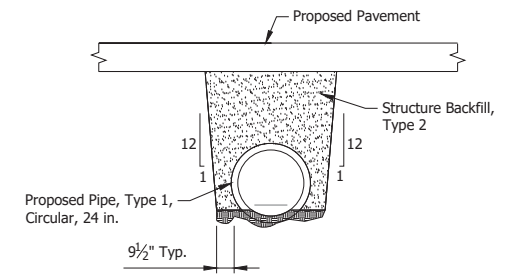
**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"



**STR. NO. 40 OUTLET SECTION**  
Scale: 1" = 1'-0"



**STR. NO. 41 OUTLET SECTION**  
Scale: 1" = 1'-0"



**BACKFILL DETAIL**  
Scale: 1/4" = 1'-0"

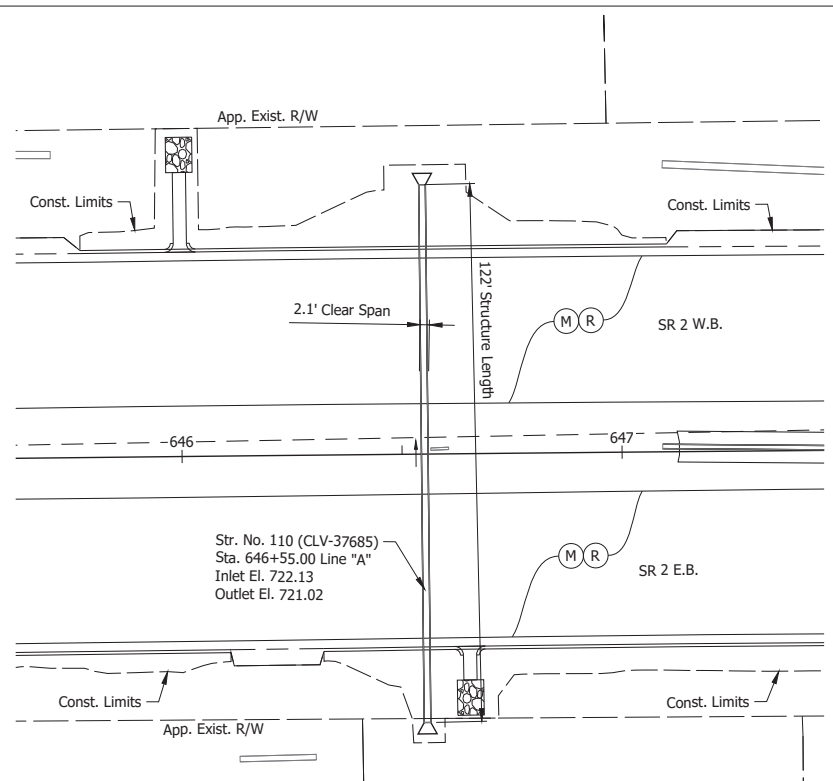
**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:31pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SRD\_Structure Detail\_02.dwg - (Str. 40 & 41)

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>STRUCTURE DETAILS</b> <b>STR. NO. 40 &amp; 41</b>	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: MMT		DRAWN: MMT			AS NOTED	N/A
CHECKED: WBF		CHECKED: WBF			VERTICAL SCALE	DESIGNATION
					N/A	1900177
				SURVEY BOOK	SHEET	
				ELECTRONIC	178 of 321	
				CONTRACT	PROJECT	
				R-42444	1900177	





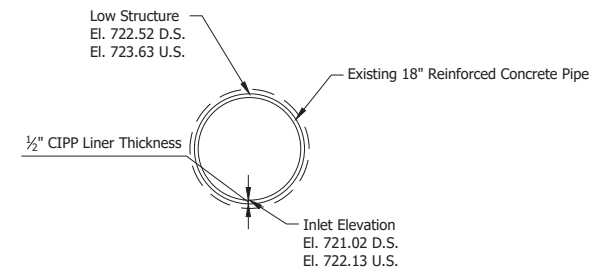
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

122 LFT of 18" Reinforced Concrete Pipe  
Invert Elevation: 722.13  
Outlet Elevation: 721.02

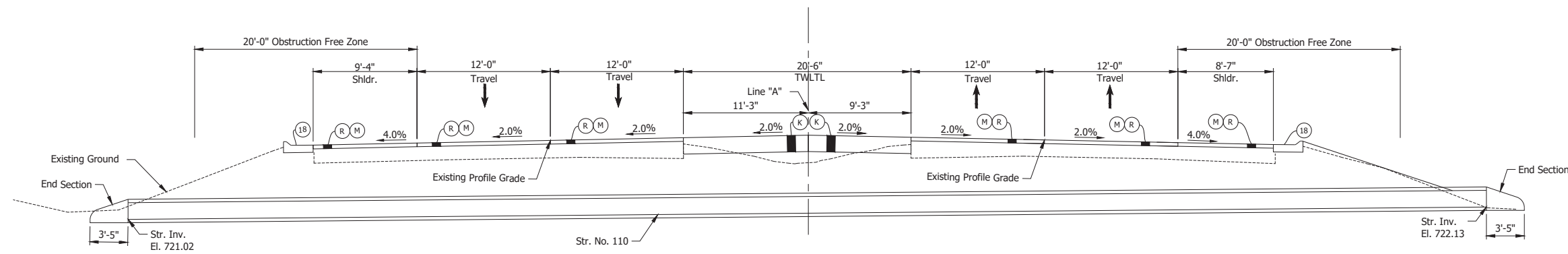
**HYDRAULIC DATA**

Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.08 sq mi
Design Discharge, Q100	115.37 cfs
Velocity, Q25	7.62 ft/s
Q100 Elev.	727.13 ft
Backwater at Q100	2.28 ft
Existing Waterway Opening	sq ft
Existing Backwater	2.28 ft
Low Structure Elev.	N/A ft
Existing Low Structure Elev.	722.52 ft



**STR. NO. 110 OUTLET SECTION**

Scale: 1" = 1'-0"



**TYPICAL SECTION**

Scale: 3/16" = 1'-0"

**LEGEND:**

- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth:  
Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on  
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

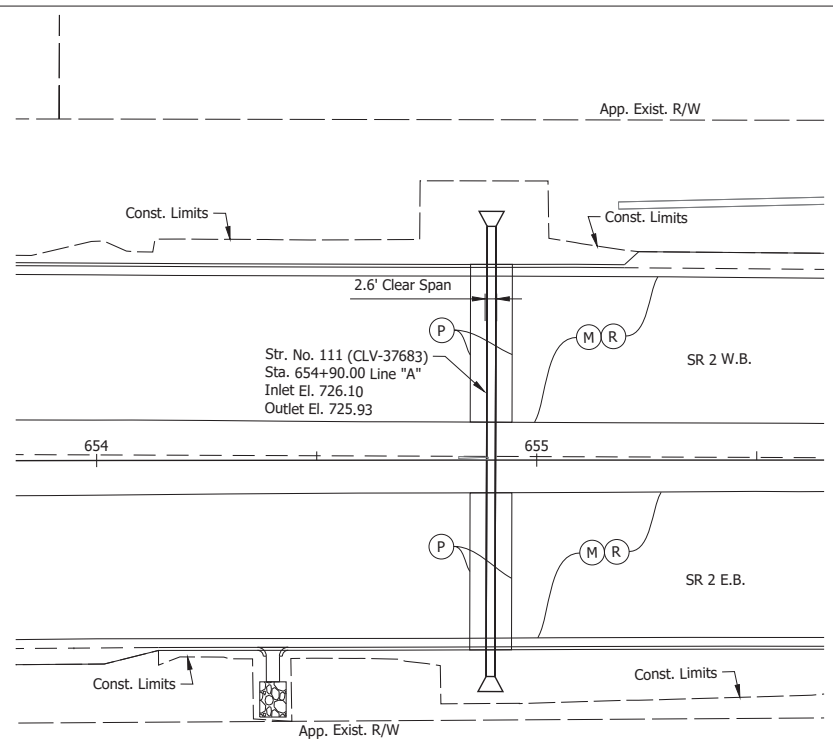
Date: Jun 23, 2023, 3:33pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SHL\_RD\_Structure Detail\_02.dwg - (Str. 110)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MMT	DRAWN: MMT	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

STRUCTURE DETAILS  
STR. NO. 110

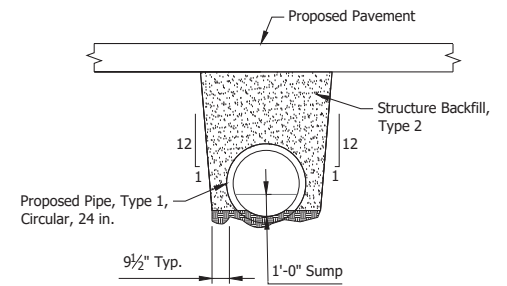
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	179 of 321
CONTRACT	PROJECT
R-42444	1900177



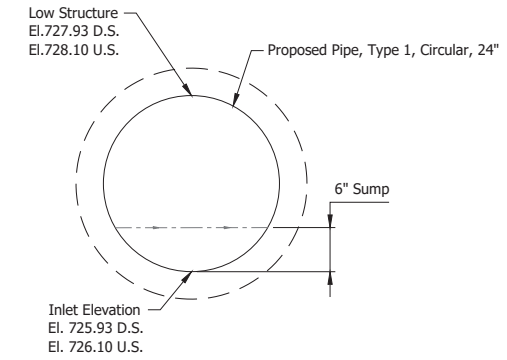
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

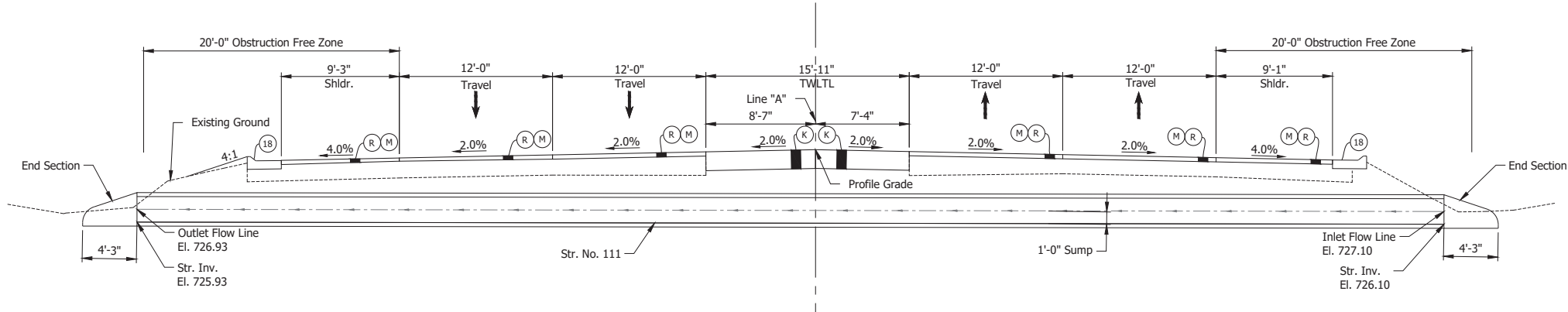
102 LFT of 24" Reinforced Concrete Pipe  
Invert Elevation: 726.63  
Outlet Elevation: 723.68



**BACKFILL DETAIL**  
Scale: 1/4" = 1'-0"



**STR. NO. 111 OUTLET SECTION**  
Scale: 1" = 1'-0"



**TYPICAL SECTION**  
Scale: 3/16" = 1'-0"

**HYDRAULIC DATA**

Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.02 sq mi
Design Discharge, Q100	24.55 cfs
Velocity, Q25	14.85 ft/s
Q100 Elev.	796.30 ft
Backwater at Q100	1.51 ft
Existing Waterway Opening	sq ft
Existing Backwater	1.52 ft
Low Structure Elev.	N/A ft
Existing Low Structure Elev.	786.35 ft

**LEGEND:**

- (K) HMA Full Depth: 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm, on 385 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm, on Subgrade Treatment, Type IBC
- (M) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm
- (R) Combined Concrete Curb and Gutter, Type B

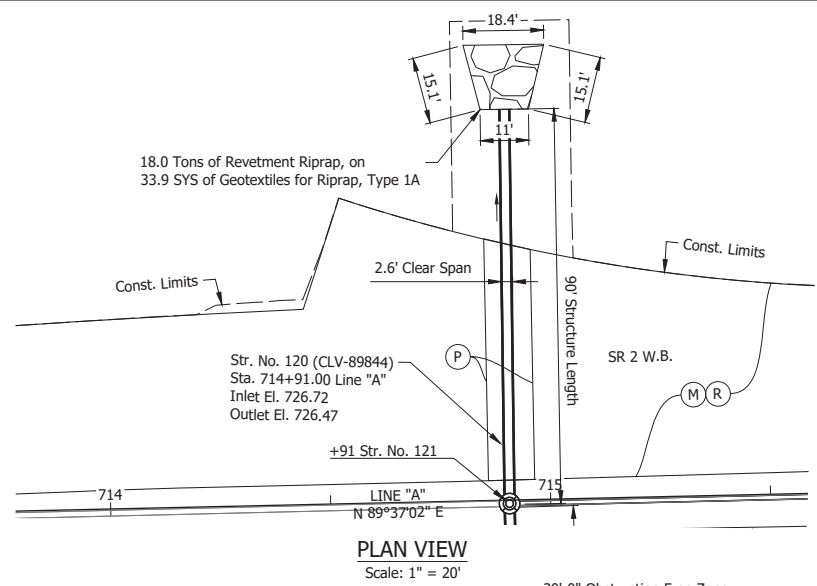
Date: Jun 23, 2023, 3:35pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CD\PlanSet\SHL\_RD\_Structure Detail\_02.dwg - (Str. 111)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MMT	DRAWN: MMT	
CHECKED: WBF	CHECKED: WBF	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**STRUCTURE DETAILS**  
**STR. NO. 111**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	180 of 321
CONTRACT	PROJECT
R-42444	1900177



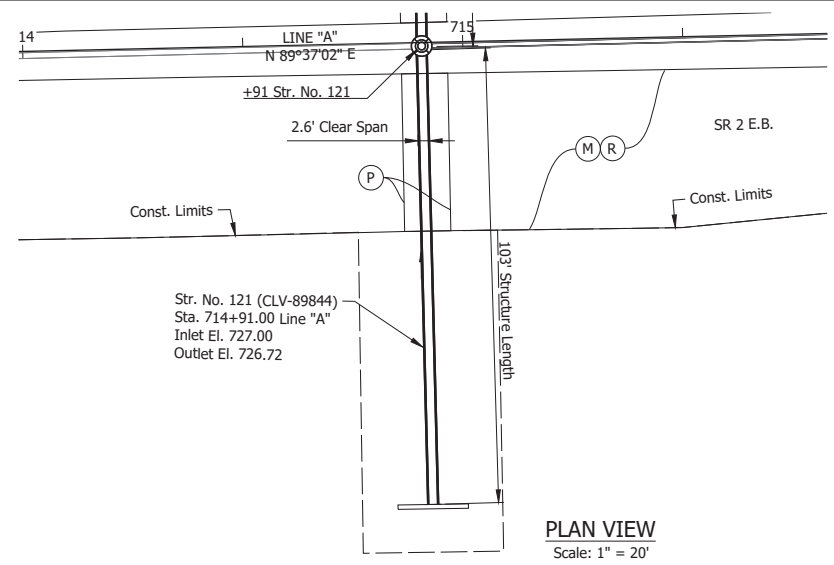
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

89 LFT of 24" Reinforced Concrete Pipe  
Invert Elevation: 726.76  
Outlet Elevation: 727.22

**HYDRAULIC DATA**

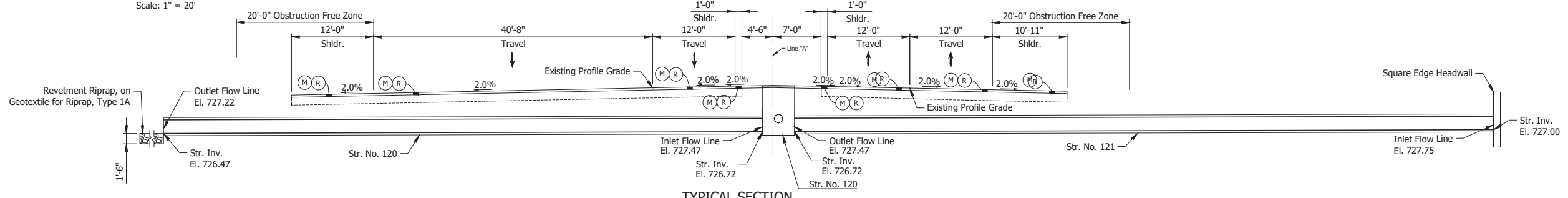
Waterway Opening Required	sq ft
Waterway Opening Provided	sq ft
Drainage Area =	0.03 sq mi
Design Discharge, Q100	34.33 cfs
Velocity, Q25	6.92 ft/s
Q100 Elev.	733.74/733.80 ft
Backwater at Q100	N/A ft
Existing Waterway Opening	sq ft
Existing Backwater	4.47/0.00 ft
Low Structure Elev.	729.72 ft
Existing Low Structure Elev.	729.22 ft



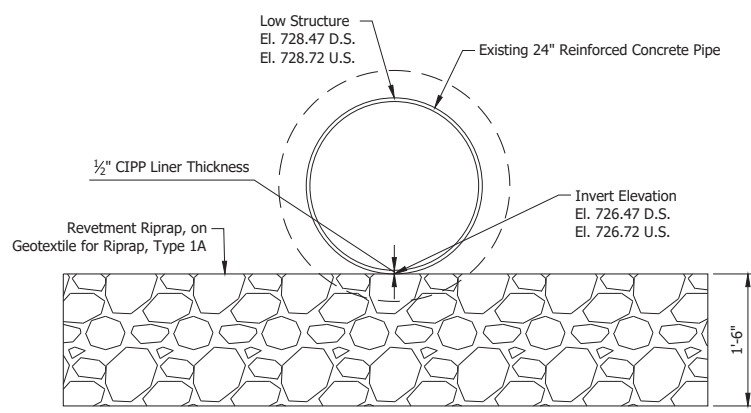
**PLAN VIEW**  
Scale: 1" = 20'

**EXISTING STRUCTURE INFORMATION**

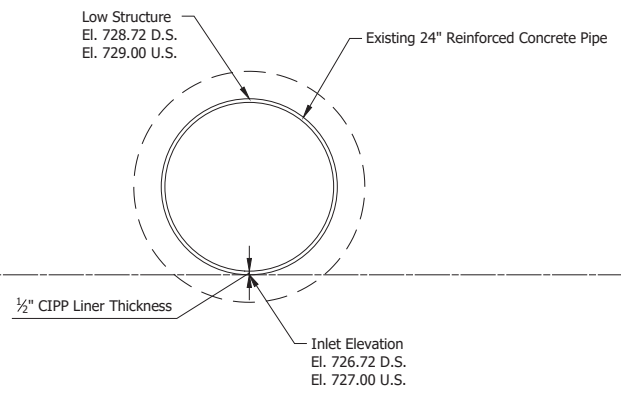
103 LFT of 24" Reinforced Concrete Pipe  
Invert Elevation: 727.75  
Outlet Elevation: 726.76



**TYPICAL SECTION**  
Scale: 1/8" = 1'-0"



**STR. NO. 120 OUTLET SECTION**  
Scale: 1" = 1'-0"



**STR. NO. 121 OUTLET SECTION**  
Scale: 1" = 1'-0"

**LEGEND:**

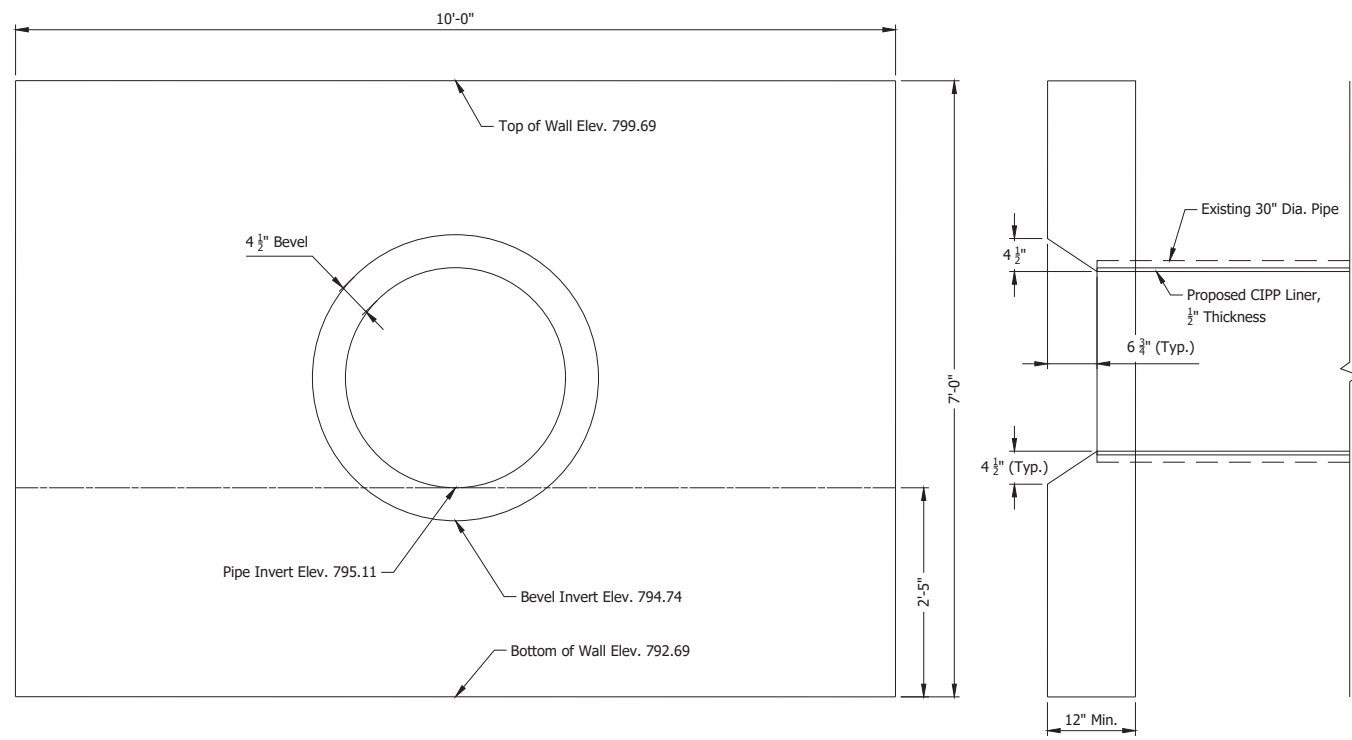
- (M) Milling, Asphalt, 4 in. minimum
- (P) HMA Patching, Full Depth: Pavement Design still to be Determined
- (R) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm

Date: Jun 23, 2023, 3:37pm User Name: Sara Munsie File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SR\_2\_Structure\_Detail\_02.dwg - (Str. 120 & 121)

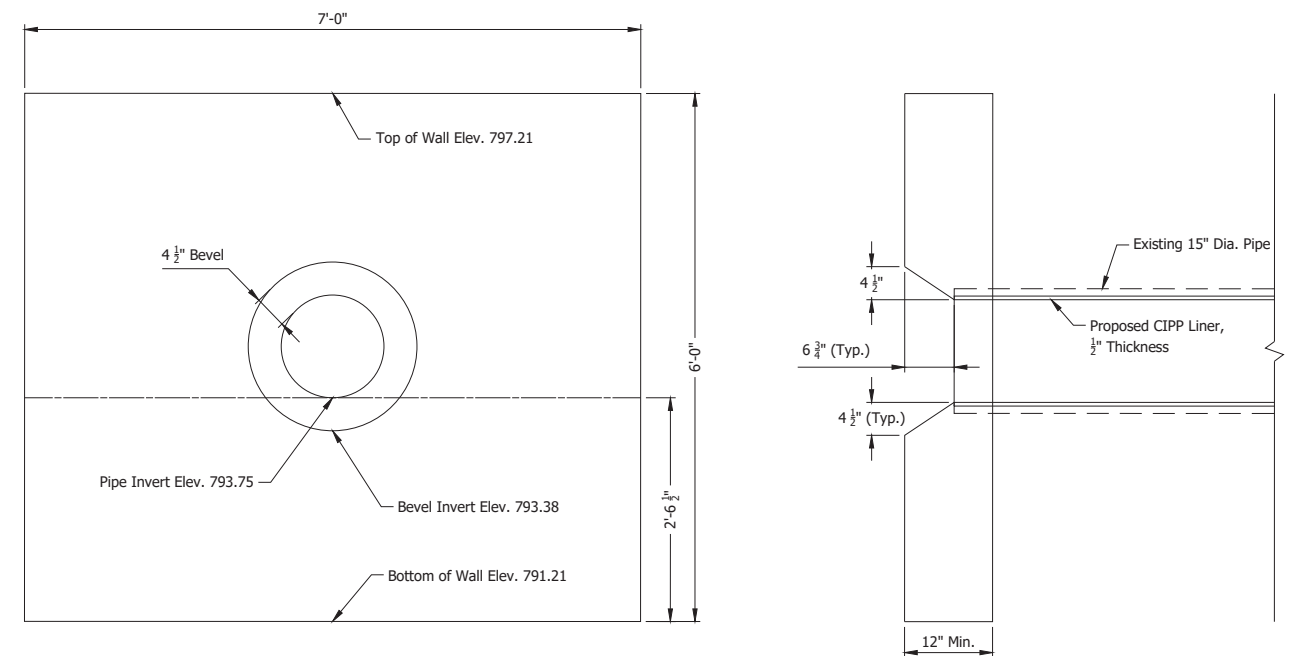
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MMT	DRAWN: MMT	
CHECKED: WBF	CHECKED: WBF	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
  
STRUCTURE DETAILS  
STR. NO. 120 & 121

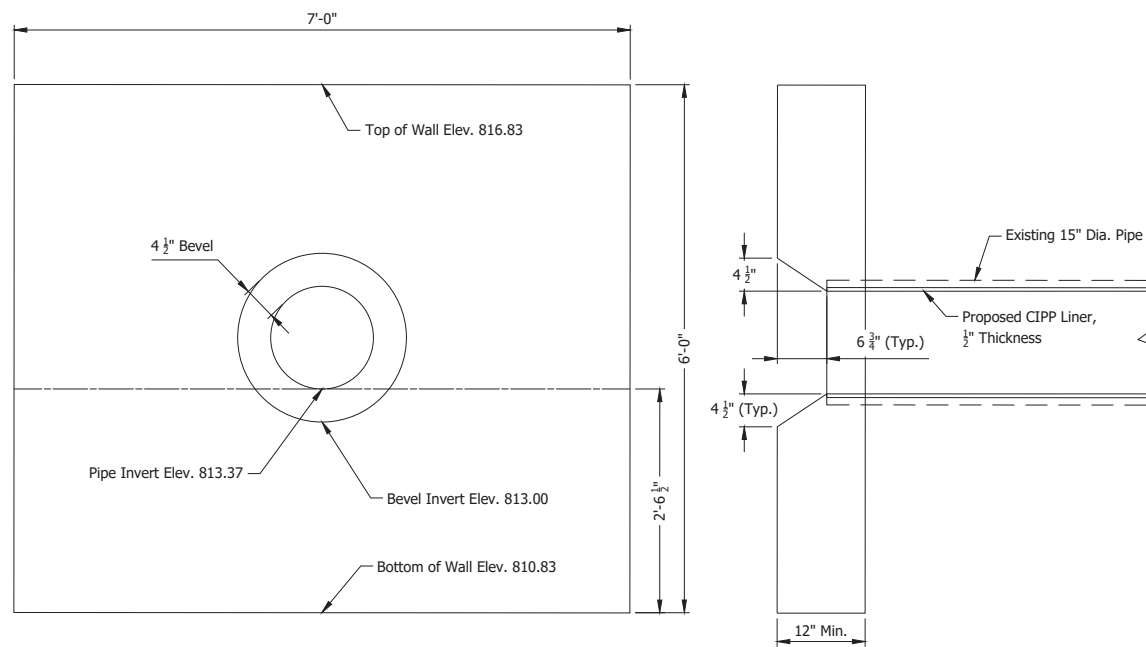
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	1900177
SURVEY BOOK	SHEET
ELECTRONIC	181 of 321
CONTRACT	PROJECT
R-42444	1900177



**STR. NO. 9 HEADWALL DETAIL**  
Scale: 1" = 1'-0"



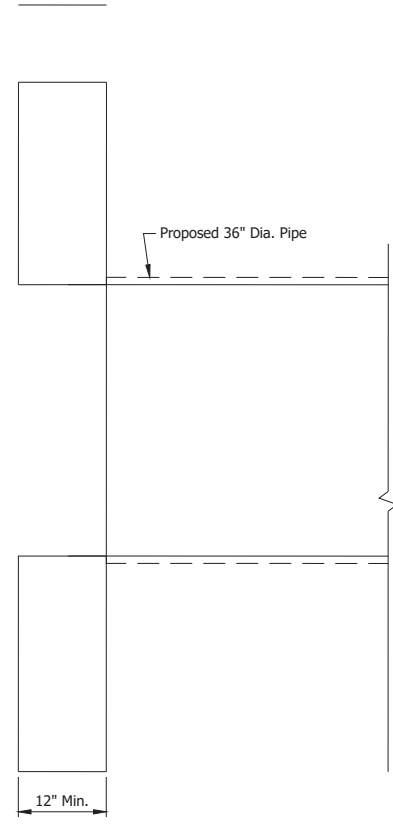
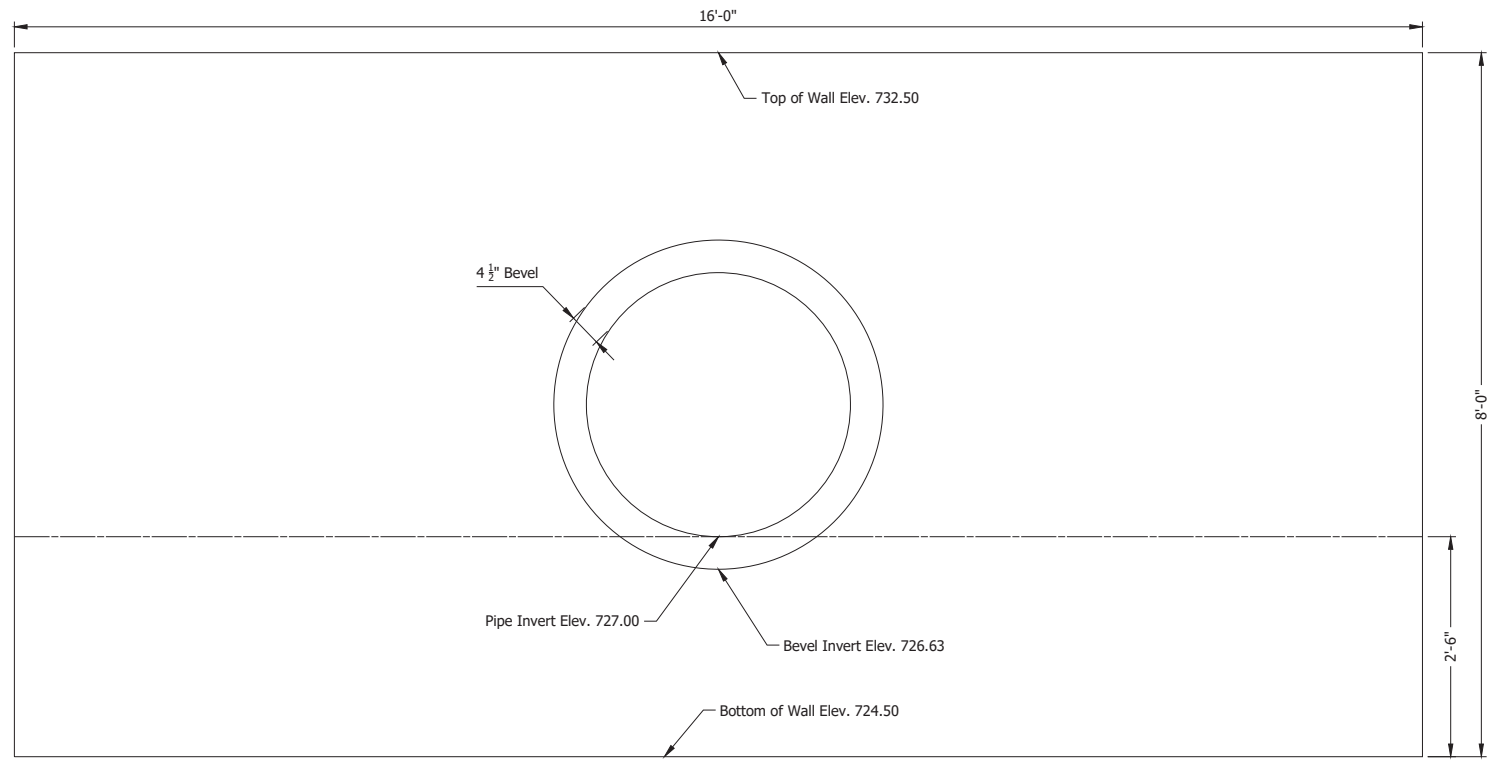
**STR. NO. 27 HEADWALL DETAIL**  
Scale: 1" = 1'-0"



**STR. NO. 56 HEADWALL DETAIL**  
Scale: 1" = 1'-0"

Date: Jun 23, 2023, 3:46pm User Name: Sara Munsie  
File: I:\ch\loc\root\Production\Files\2020\120-3001\PP-04\CAD\Plans\Set\SHC\_RD\_Structure Detail\_01.dwg - (Headwall Details)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE	
			AS NOTED	N/A	
DESIGNED: JRM DRAWN: JRM	CHECKED: WBF CHECKED: WBF	HEADWALL DETAILS		VERTICAL SCALE	DESIGNATION
		N/A	1900177		
				SURVEY BOOK	SHEET
				ELECTRONIC	182 of 321
				CONTRACT	PROJECT
				R-42444	1900177



**STR. NO. 121 HEADWALL DETAIL**  
Scale: 1" = 1'-0"

Date: Jun 23, 2023, 3:51pm User Name: Sara Munsie  
File: X:\production\files\2020\120-3001\PR-04\CAD\PlanSet\SHL\_RD\_Structure Detail\_01.dwg - (Headwall Details (2))

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			AS NOTED	N/A
DESIGNED: MMT	DRAWN: MMT	HEADWALL DETAILS	VERTICAL SCALE	DESIGNATION
CHECKED: WBF	CHECKED: WBF		N/A	1900177
			SURVEY BOOK	SHEET
			ELECTRONIC	183 of 321
			CONTRACT	PROJECT
			R-42444	1900177