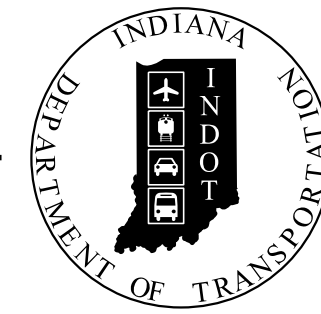


PROJECT	DESIGNATION
190025500ST6	1900255
CONTRACT	
R-42194	

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

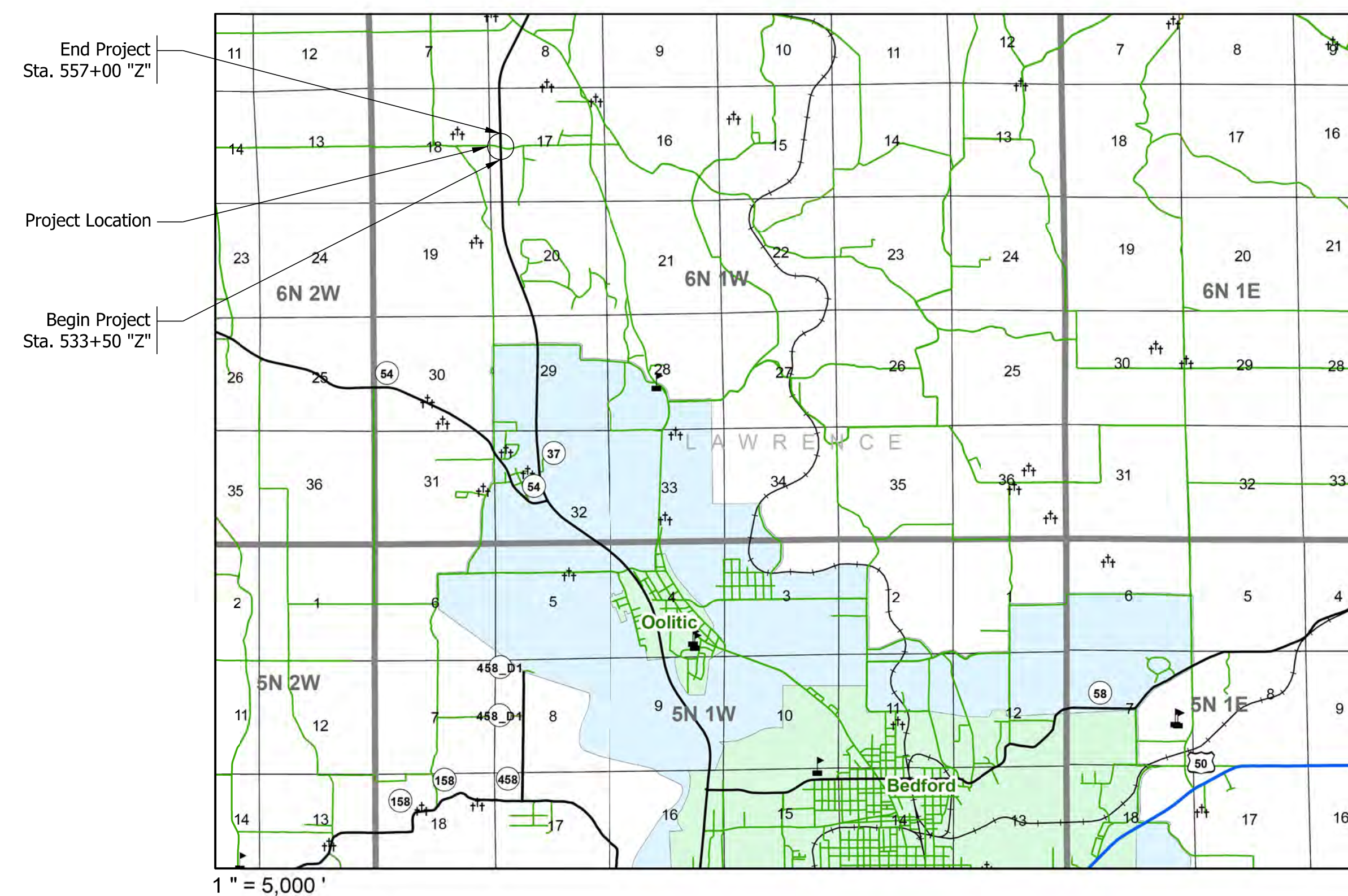
ROUTE: SR 37 FROM: RP 85+31 TO: RP 85+31
PROJECT NO. 190025500ST6 P.E.

NO ADDITIONAL RIGHT OF WAY
REQUIRED FOR THIS PROJECT

R/W
190025500ST6 CONST.

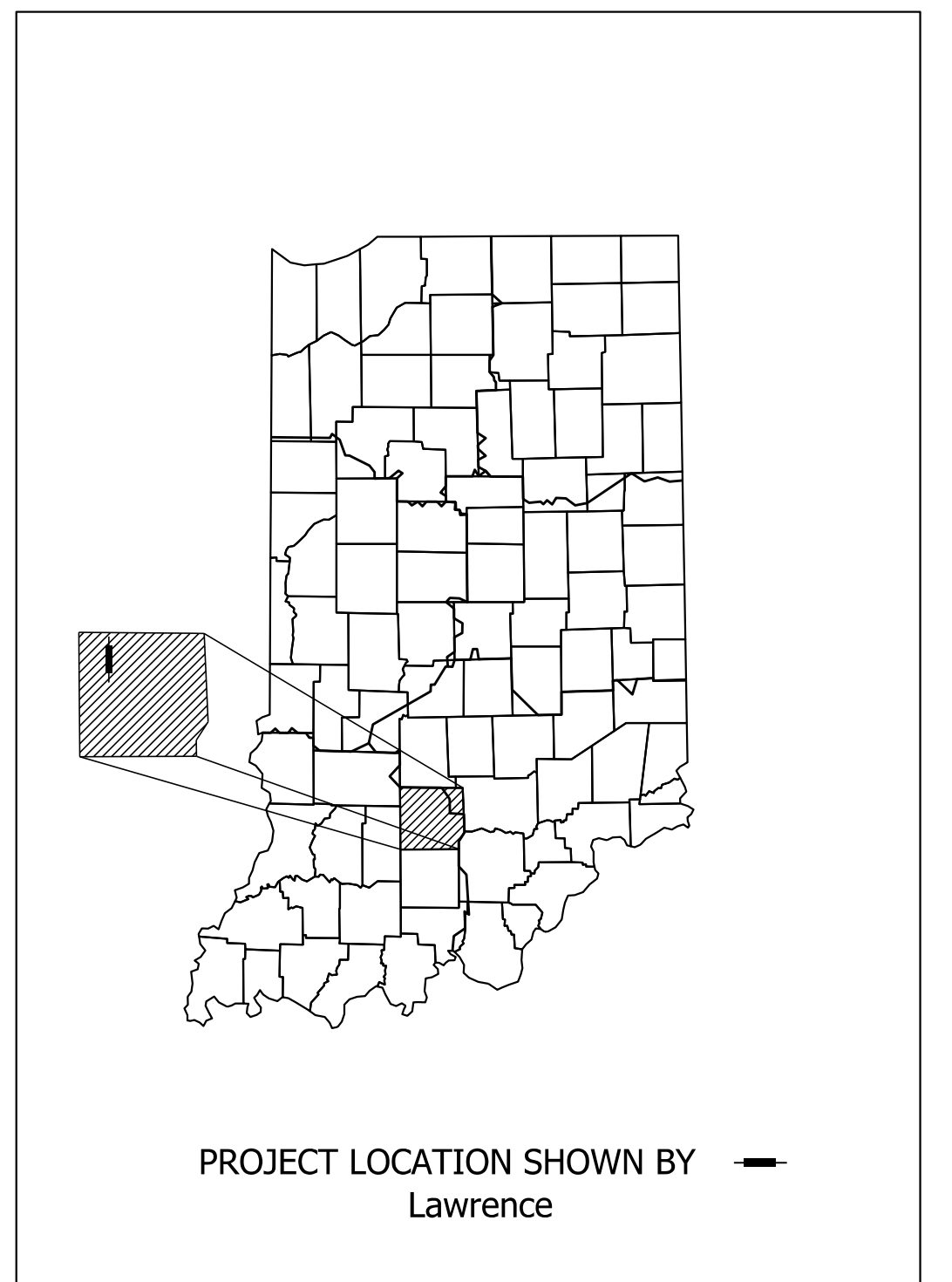
KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1900249	Intersection Improvement, Median U-Turn (Lead Des)
1900255	Intersection Improvement, Median U-Turn

Intersection Improvement, Median U-Turn on SR 37
Located 3.12 Miles N of N Jct of S-58 (Washboard Rd)
Section 17, T-6-N, R-1-W, Marshall Township, Lawrence County, Indiana



TRAFFIC DATA		
A.A.D.T. (2024)		20,590 V.P.D.
A.A.D.T. (2044)		25,267 V.P.D.
D.H.V (2044)		2499 V.P.H.
DIRECTIONAL DISTRIBUTION		49.78 %
TRUCKS		7.24 % A.A.D.T. 6.36 % D.H.V.

DESIGN DATA	
DESIGN SPEED	60 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL



LATITUDE: N 38°57'16" LONGITUDE: W 86°33'7"

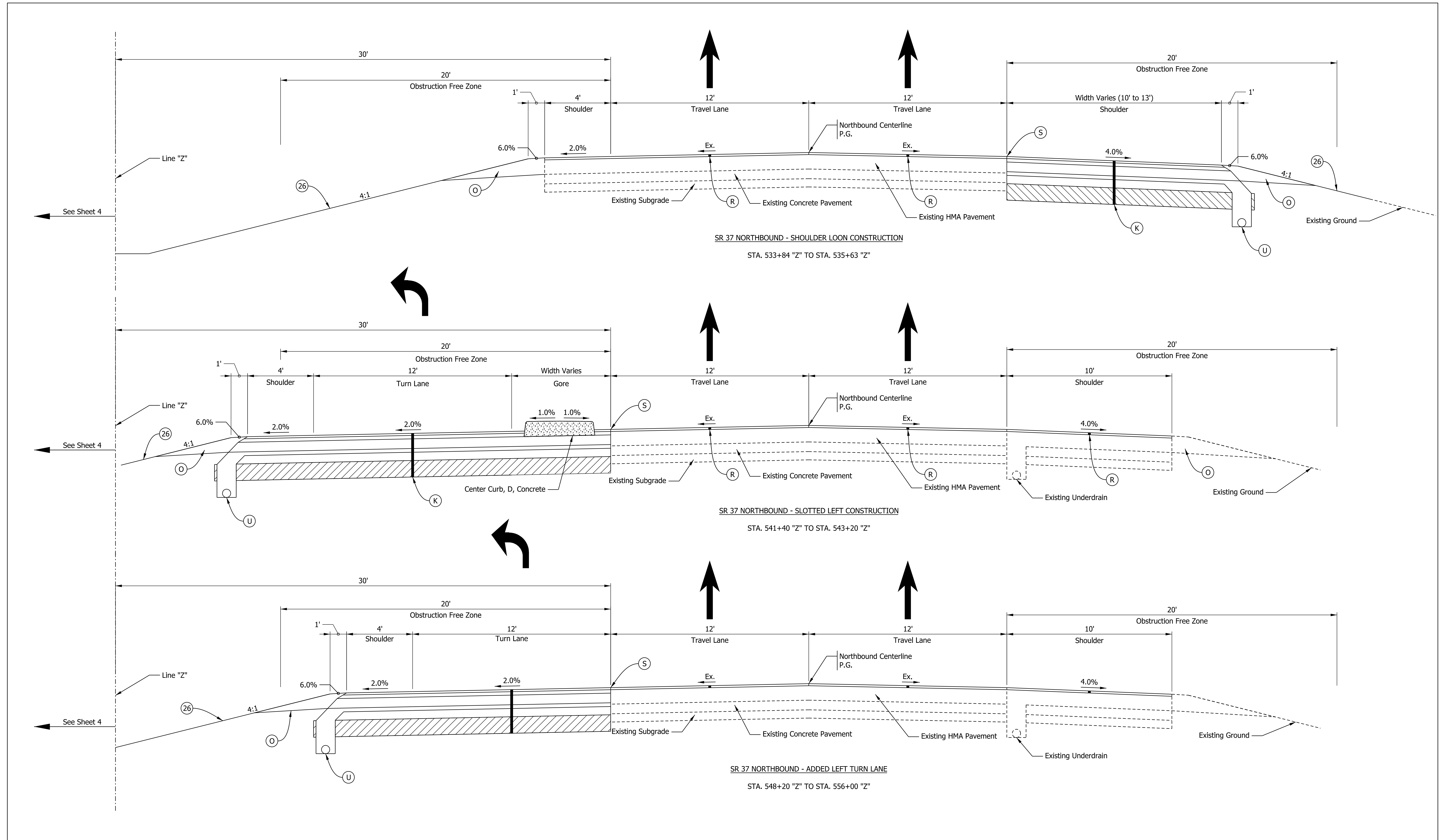
GROSS LENGTH: 0.44 MI.
NET LENGTH: 0.44 MI.
MAX. GRADE: 3 %

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

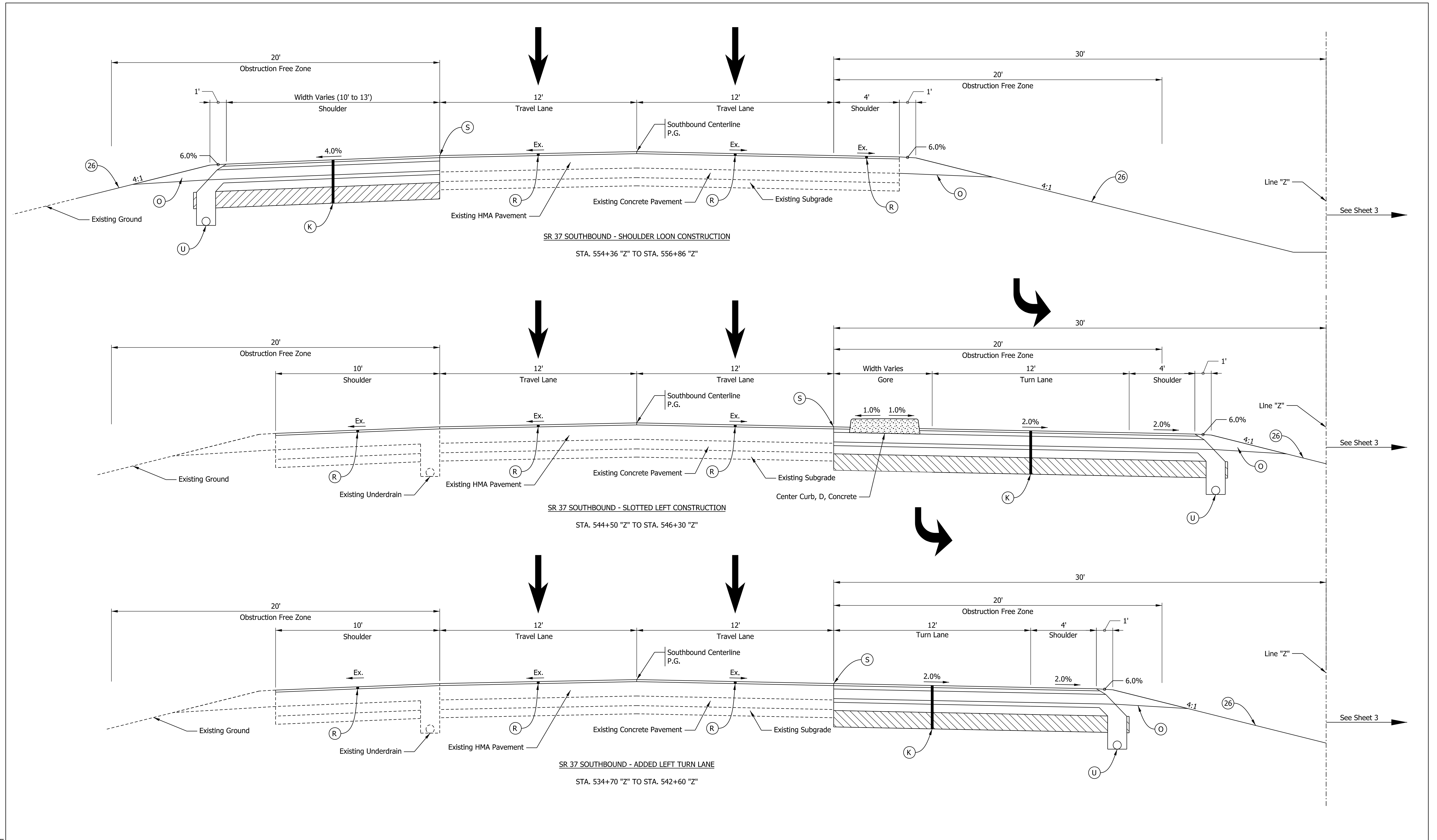
PLANS PREPARED BY: Mitchell Swatek (317) 232-5356 PHONE NUMBER
CERTIFIED BY: _____ DATE _____
RECOMMENDED FOR LETTING: _____ DATE _____
INDIANA DEPARTMENT OF TRANSPORTATION

DESIGNATION	1900255
SHEETS	1 of 48
CONTRACT	R-42194
PROJECT	190025500ST6

Plot: 1/10/2023 9:46 AM



LEGEND Note: Pavement design is assumed at this time (C) PCCP, 7 in. (O) Compacted Agg. No. 53 (R) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in.	(K) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on 275 lb/sys QC/QA-HMA, 4, 70, Intermediate, 19.0 mm on 770 lb/sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sys QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type 1C	(S) Saw Cut (U) 6 in. Underdrain (See Std. Dwg. No. 718-UNDR-01) (26) Mulched Seeding, R	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS	SCALE: As Noted BRIDGE FILE: _____
			DESIGNED: MRS Nov 2021 DRAWN: MRS Nov 2021		SHEETS: 3 of 48
			CHECKED: AKB Dec 2021 CHECKED: AKB Dec 2021		PROJECT: 1900255005T6
			CONTRACT: R-42194		DESIGNATION: 1900255



SR 37 SOUTHBOUND - SHOULDER LOAN CONSTRUCTION
 STA. 554+36 "Z" TO STA. 556+86 "Z"

SR 37 SOUTHBOUND - SLOTTED LEFT CONSTRUCTION
 STA. 544+50 "Z" TO STA. 546+30 "Z"

SR 37 SOUTHBOUND - ADDED LEFT TURN LANE
 STA. 534+70 "Z" TO STA. 542+60 "Z"

LEGEND
 Note: Pavement design is assumed at this time

- (C) PCCP, 7 in.
- (O) Compacted Agg. No. 53
- (R) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in.
- (K) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on 275 lb/sys QC/QA-HMA, 4, 70, Intermediate, 19.0 mm on 770 lb/sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sys QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type IC
- (S) Saw Cut
- (U) 6 in. Underdrain (See Std. Dwg. No. 718-UNDR-01)
- (26) Mulched Seeding, R

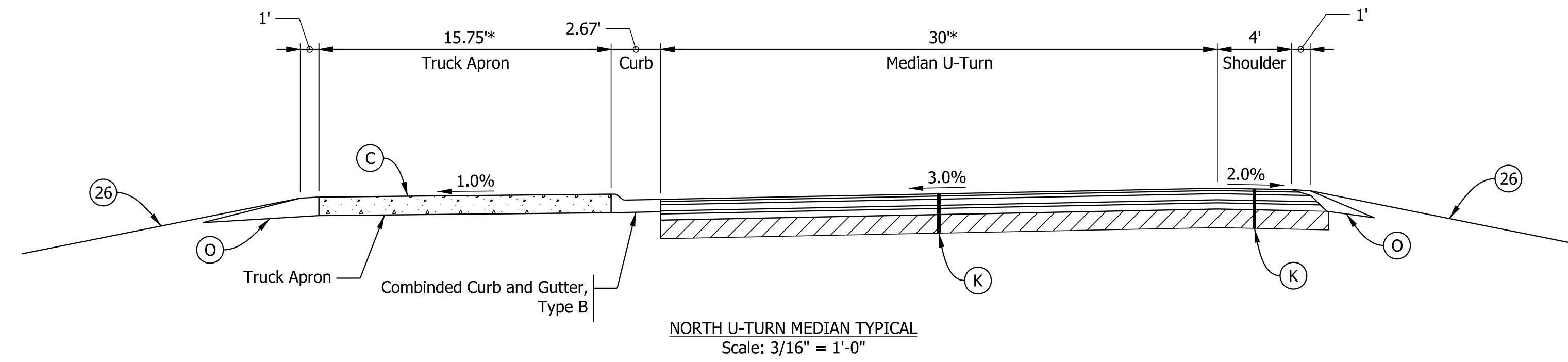
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
Dec 2021		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

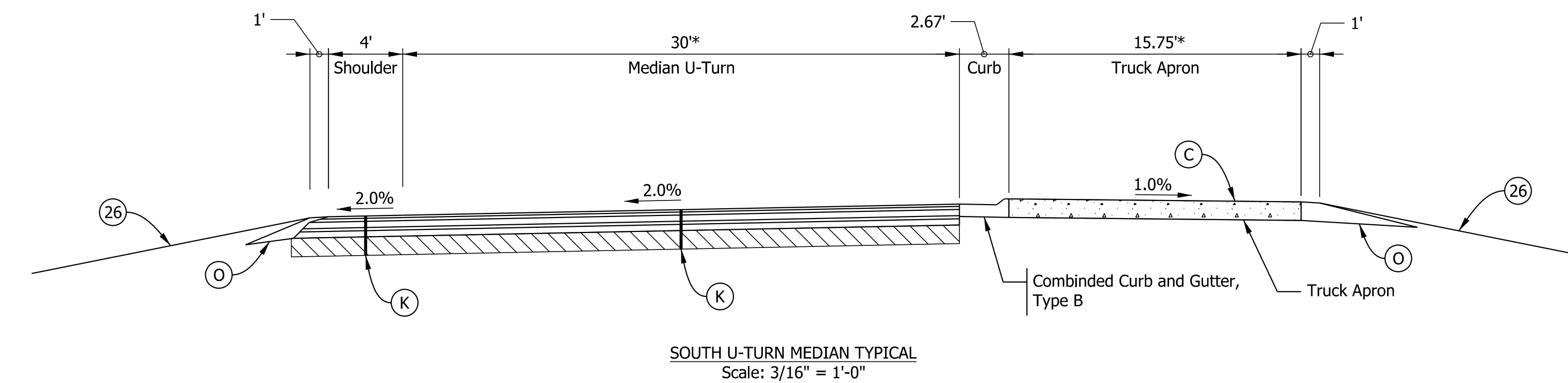
TYPICAL SECTIONS

SCALE	BRIDGE FILE
As Noted	
	DESIGNATION
	1900255
	SHEETS
	4 of 48
CONTRACT	PROJECT
R-42194	1900255005T6

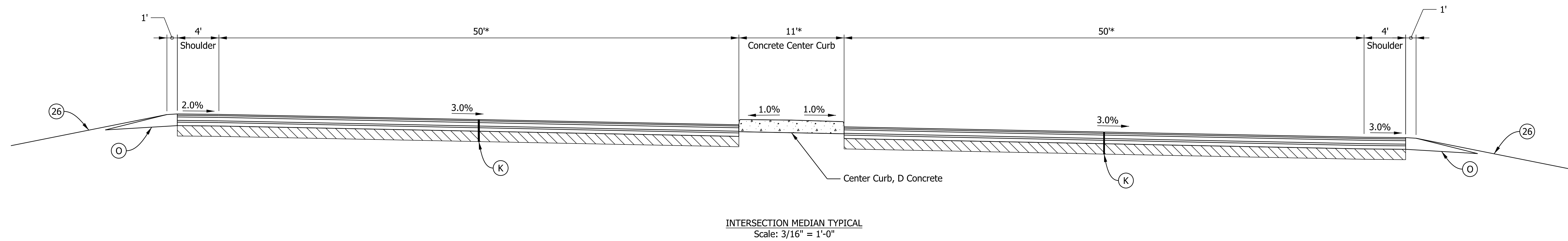
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 Model:RD_Detail Sheet-2



NORTH U-TURN MEDIAN TYPICAL
Scale: 3/16" = 1'-0"



SOUTH U-TURN MEDIAN TYPICAL
Scale: 3/16" = 1'-0"



INTERSECTION MEDIAN TYPICAL
Scale: 3/16" = 1'-0"

Note: *Median widths shown at center of medians. Widths vary throughout median. See construction details for plan layout.

Plot: 1/10/2023 9:47 AM

LEGEND

Note: Pavement design is assumed at this time

- (C) PCCP, 7 in.
- (O) Compacted Agg. No. 53
- (R) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in.

(K)

- 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on 275 lb/sys QC/QA-HMA, 4, 70, Intermediate, 19.0 mm on 770 lb/sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sys QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type IC

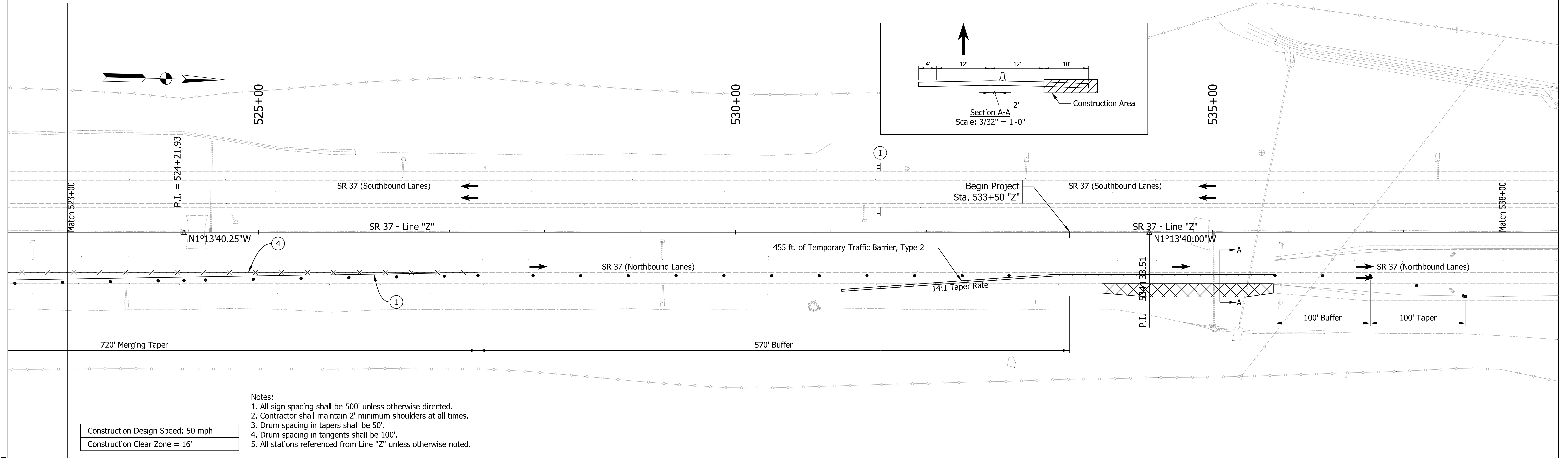
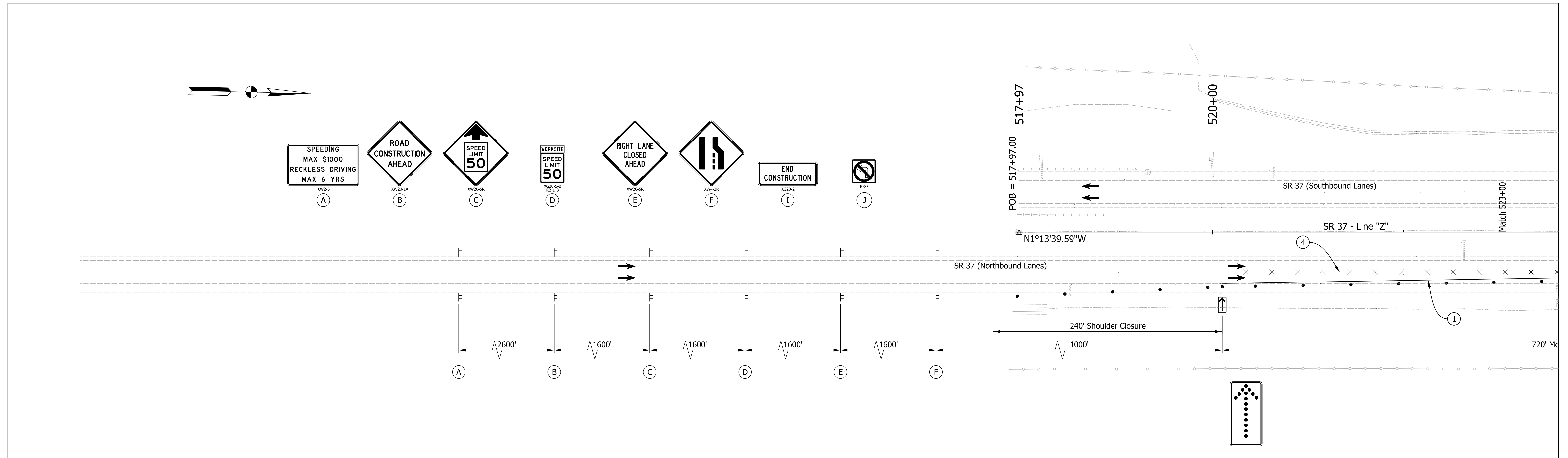
- (S) Saw Cut
- (U) 6 in. Underdrain (See Std. Dwg. No. 718-UNDR-01)
- (26) Mulched Seeding, R

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

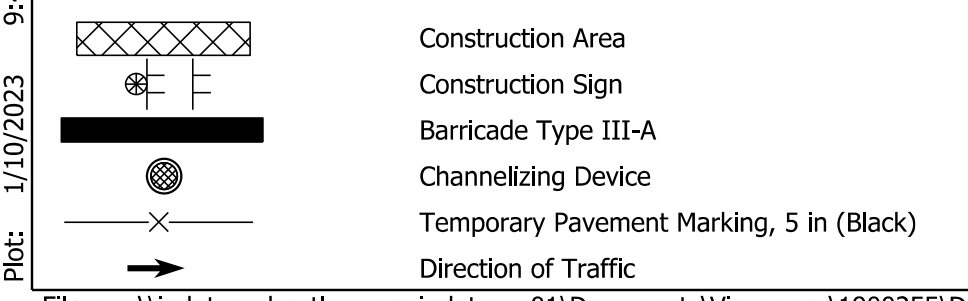
SCALE	BRIDGE FILE
As Noted	
	DESIGNATION
	1900255
	SHEETS
	5 of 48
CONTRACT	PROJECT
R-42194	1900255005T6



- Notes:
1. All sign spacing shall be 500' unless otherwise directed.
 2. Contractor shall maintain 2' minimum shoulders at all times.
 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
 Construction Clear Zone = 16'

Maintenance of Traffic Legend



Temporary Pavement Marking Legend

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

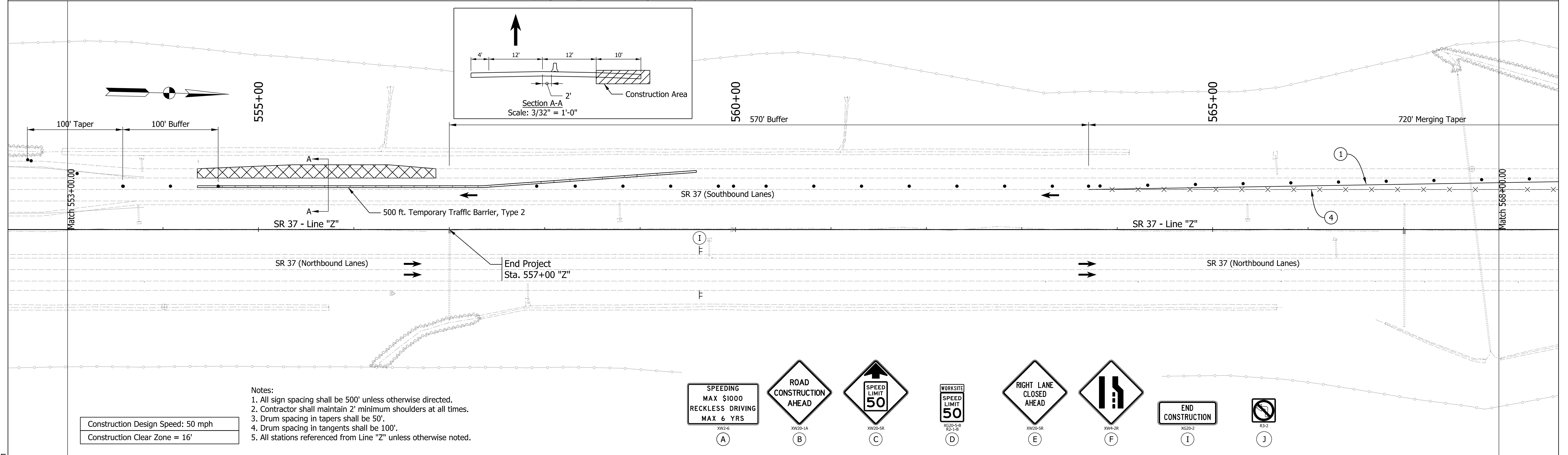
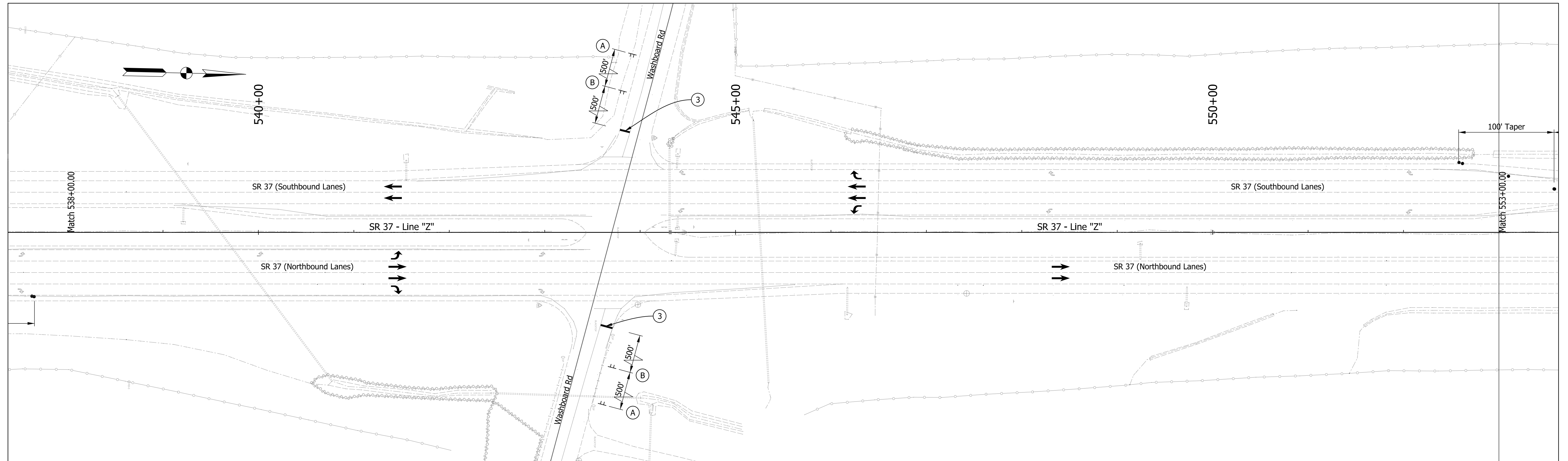
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 PHASE 1

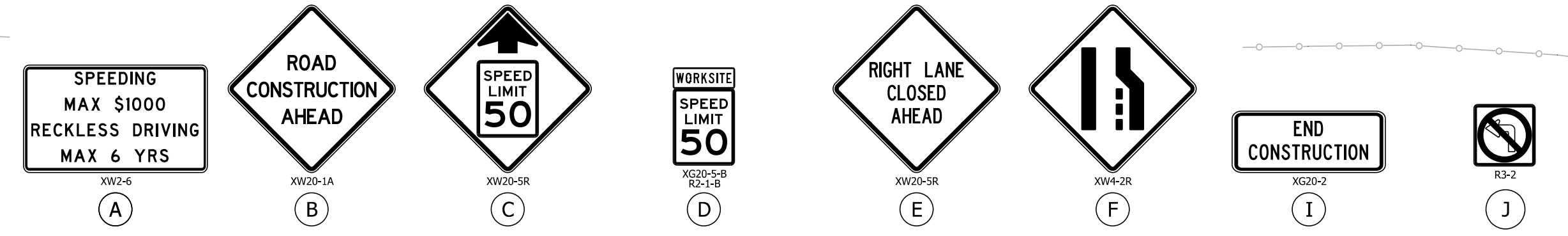
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1" = 50'	
	DESIGNATION
	1900255
	SHEETS
	6 of 48
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:47 AM



- Notes:
1. All sign spacing shall be 500' unless otherwise directed.
 2. Contractor shall maintain 2' minimum shoulders at all times.
 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
 Construction Clear Zone = 16'



Maintenance of Traffic Legend

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

Temporary Pavement Marking Legend

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

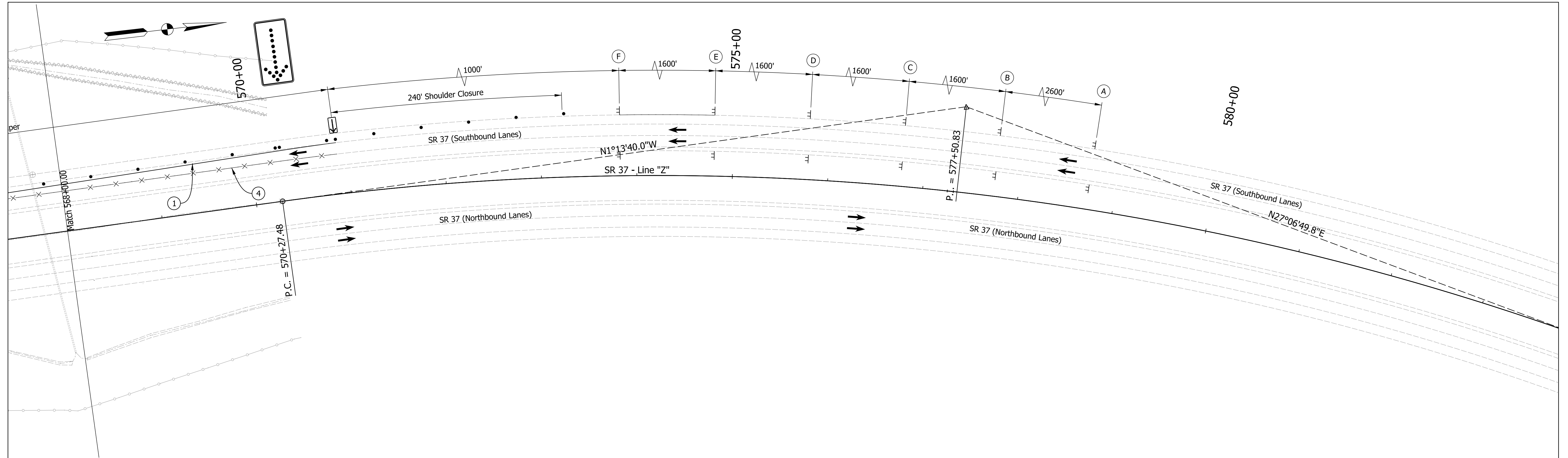
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
Dec 2021		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

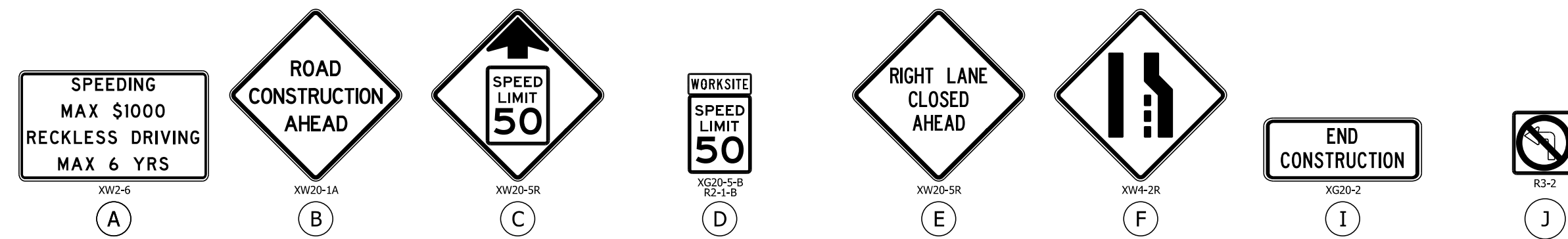
**MAINTENANCE OF TRAFFIC
 PHASE 1**

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1900255
	SHEETS 7 of 48
CONTRACT R-42194	PROJECT 1900255005T6

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 Model: Default



Maintenance of Traffic Summary - Phase 1	
Temporary Pavement Marking, Removable 4 in.	1440 LFT
Temporary Pavement Marking, Removable 24 in.	24 LFT
Construction Sign, A	24 EACH
Temporary Traffic Barrier, Type 2	955 LFT
Temporary Worksite Speed Limit Sign Assembly	8 EACH
Flashing Arrow Sign	30 DAY
Temporary Pavement Marking, Removable, 5 in. (Black)	1440 LFT



- PHASE 1:**
1. Install advanced warning signs.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to inside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new full depth outside loons across from the median J-Turn areas.
- PHASE 2:**
1. Adjust advance warning signs for left lane closure.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to outside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new NB and SB auxiliary lanes and J-Turn median crossover areas in the SR 37 median.
- PHASE 3:**
1. Close SR 37 intersection with Washboard Rd. Maintain NB and SB SR 37 traffic in the outside traffic lanes. Washboard Rd through traffic, Washboard Rd left turn movements onto SR 37 and SR 37 left turn movements onto Washboard Rd will utilize the new J-Turn auxiliary lanes and J-Turn median crossover areas.
 2. Construct the new intersection of SR 37 and Washboard Rd.
- PHASE 4:**
1. Mill and resurface the remaining existing surface pavement along SR 37 and Washboard Ave utilizing a mobile operation (IMUTCD Figure 6H-35).
 2. Install permanent pavement markings and signage.

- Notes:**
1. All sign spacing shall be 500' unless otherwise directed.
 2. Contractor shall maintain 2' minimum shoulders at all times.
 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
 Construction Clear Zone = 16'

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

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

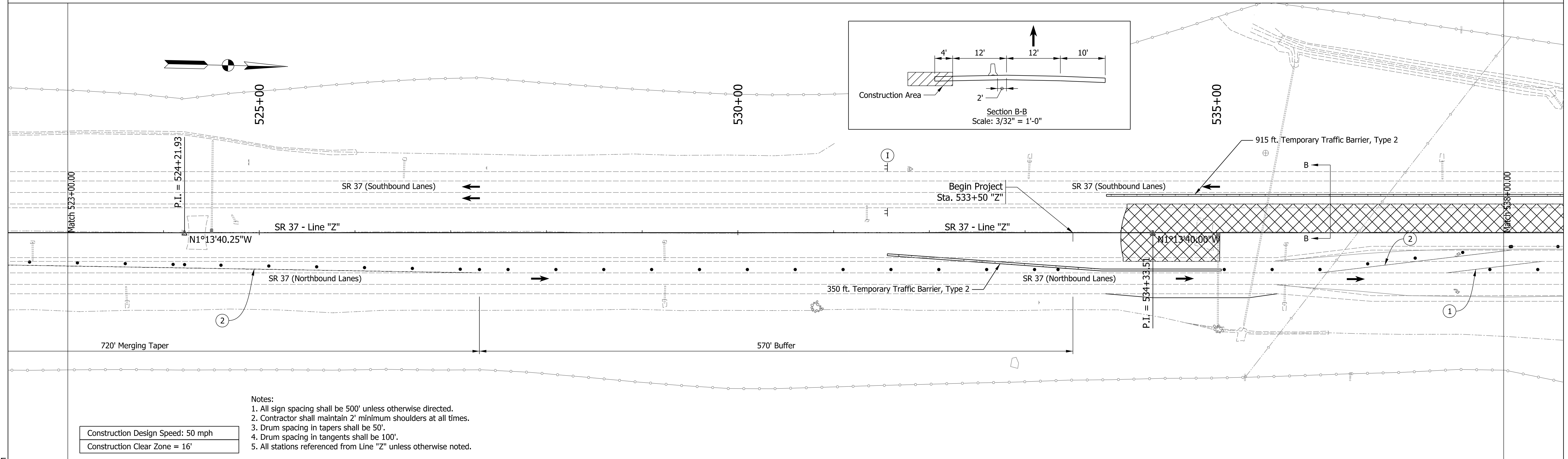
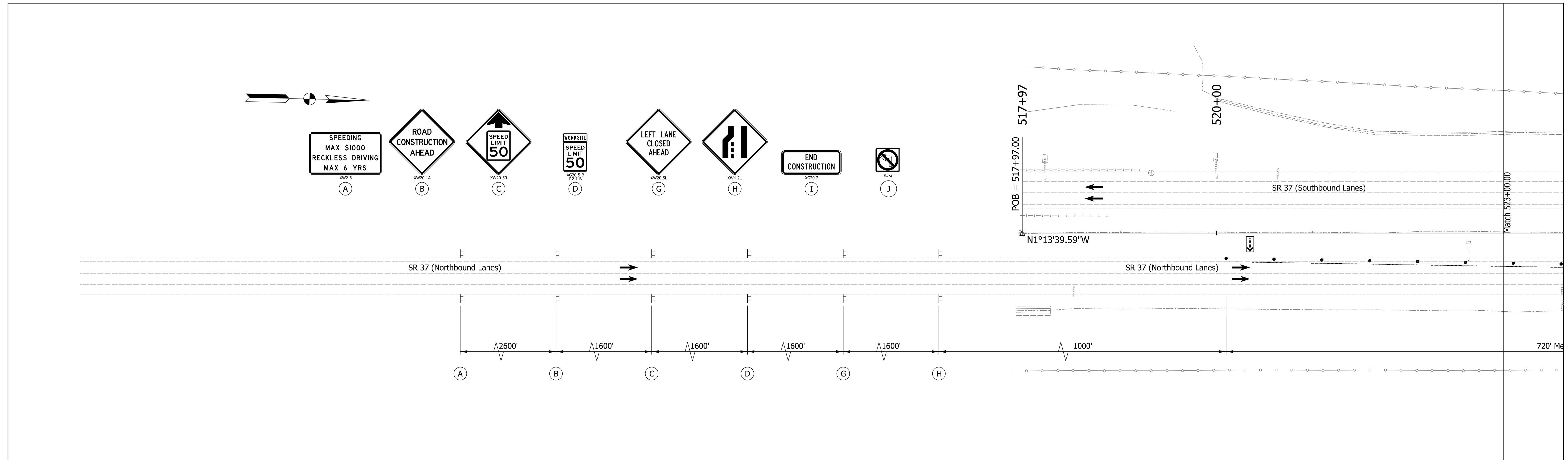
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

SCALE	BRIDGE FILE
1" = 50'	
DESIGNATION	
1900255	
SHEETS	
8 of 48	
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:48 AM

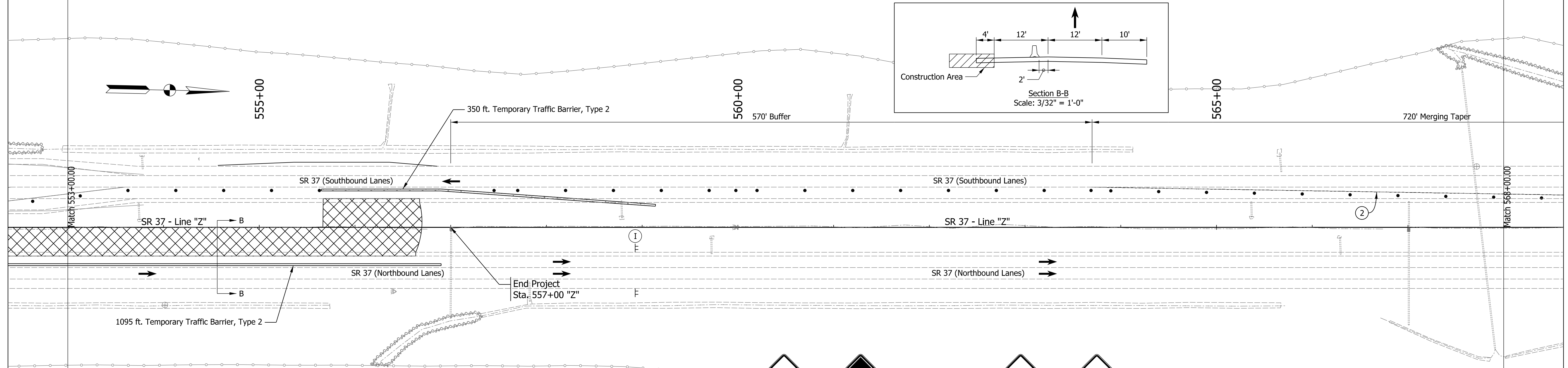
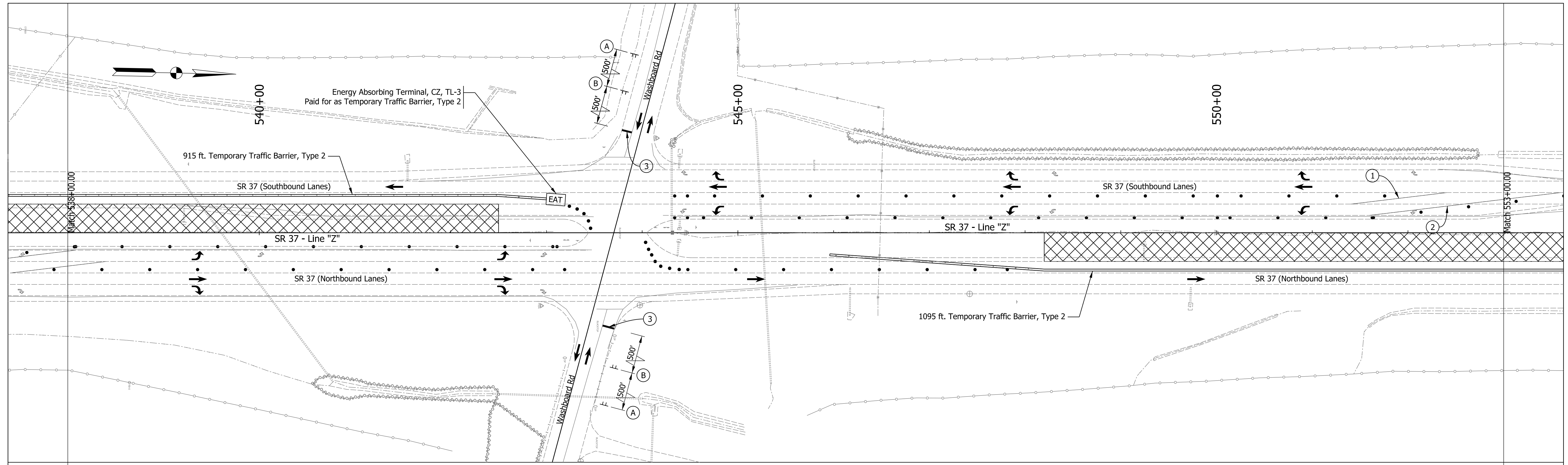


- Notes:
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 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
Construction Clear Zone = 16'

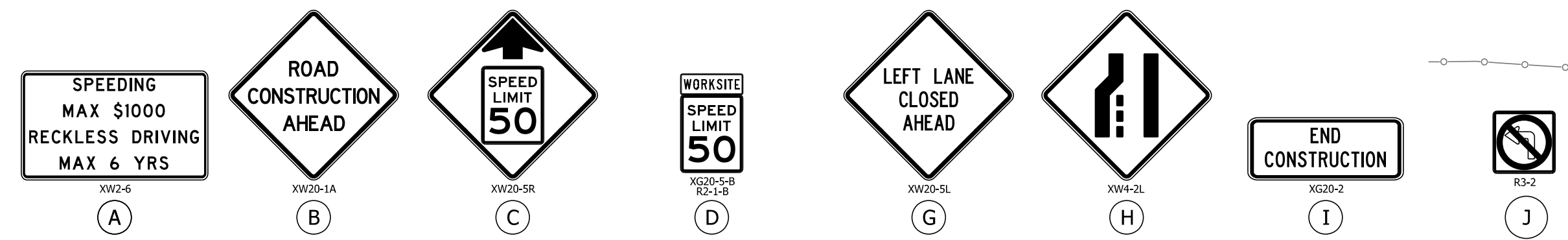
Maintenance of Traffic Legend Construction Area Construction Sign Barricade Type III-A Channelizing Device Temporary Pavement Marking, 5 in (Black) Direction of Traffic	Temporary Pavement Marking Legend ① Temporary Pavement Marking, 4in. (White) ② Temporary Pavement Marking, 4in. (Yellow) ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar) ④ Temporary Pavement Marking, 5in. (Black)	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PHASE 2	SCALE 1" = 50'	BRIDGE FILE DESIGNATION 1900255	
		DESIGNED: MRS Nov 2021 CHECKED: AKB Dec 2021	DRAWN: MRS Nov 2021 CHECKED: AKB Dec 2021		SHEETS 9 of 48	CONTRACT R-42194	PROJECT 1900255005T6

Plot: 1/10/2023 9:48 AM



Construction Design Speed: 50 mph
 Construction Clear Zone = 16'

- Notes:
1. All sign spacing shall be 500' unless otherwise directed.
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 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.



Maintenance of Traffic Legend

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

Temporary Pavement Marking Legend

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

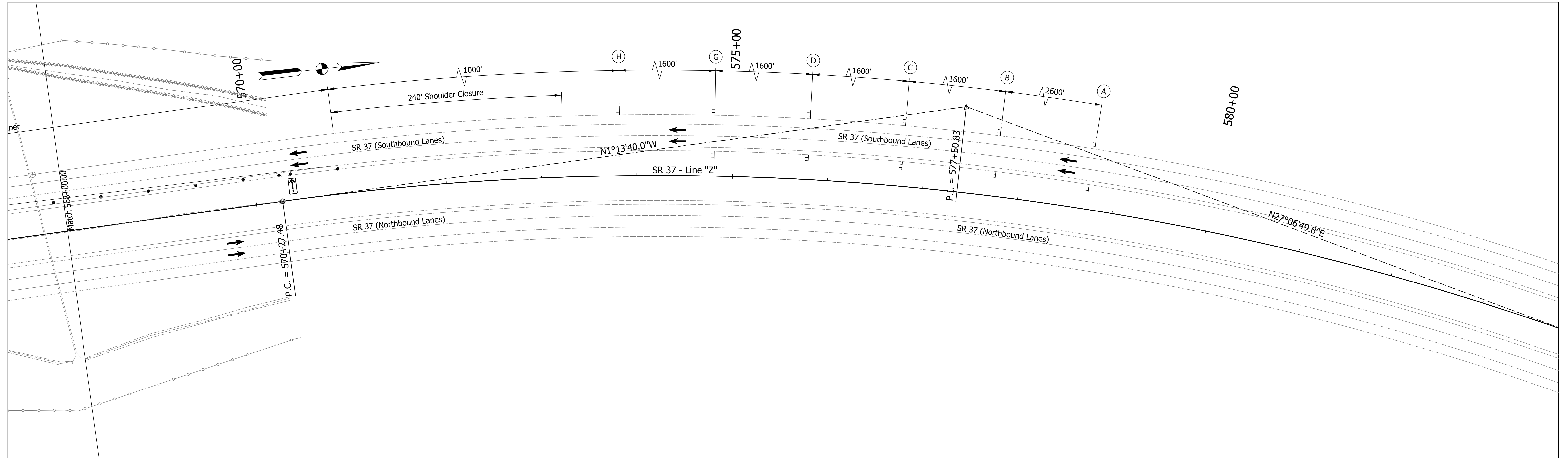
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA DEPARTMENT OF TRANSPORTATION

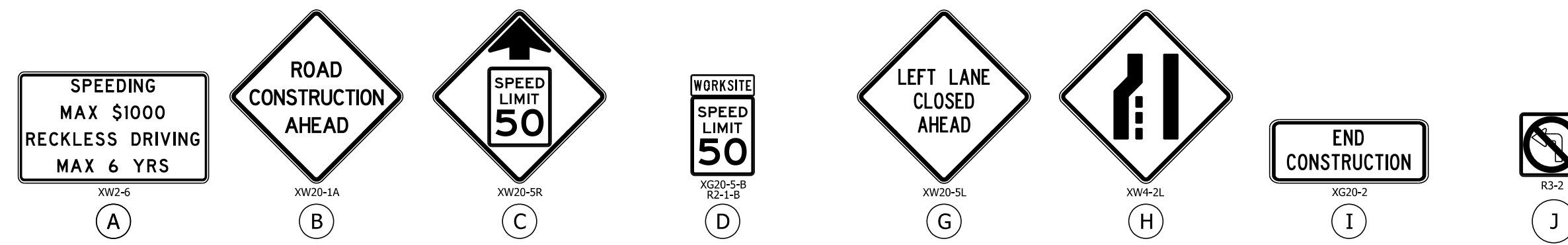
MAINTENANCE OF TRAFFIC PHASE 2

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1900255
	SHEETS
	10 of 48
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:49 AM



Maintenance of Traffic Summary - Phase 2	
Temporary Pavement Marking, Removable 4 in.	1740 LFT
Temporary Pavement Marking, Removable 24 in.	24 LFT
Construction Sign, A	24 EACH
Temporary Traffic Barrier, Type 2	2710 LFT
Temporary Worksite Speed Limit Sign Assembly	8 EACH
Flashing Arrow Sign	30 DAY
Temporary Pavement Marking, Removable, 5 in. (Black)	0 LFT



- PHASE 1:**
1. Install advanced warning signs.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to inside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new full depth outside loons across from the median J-Turn areas.

- PHASE 2:**
1. Adjust advance warning signs for left lane closure.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to outside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new NB and SB auxiliary lanes and J-Turn median crossover areas in the SR 37 median.

- PHASE 3:**
1. Close SR 37 intersection with Washboard Rd. Maintain NB and SB SR 37 traffic in the outside traffic lanes. Washboard Rd through traffic, Washboard Rd left turn movements onto SR 37 and SR 37 left turn movements onto Washboard Rd will utilize the new J-Turn auxiliary lanes and J-Turn median crossover areas.
 2. Construct the new intersection of SR 37 and Washboard Rd.

- PHASE 4:**
1. Mill and resurface the remaining existing surface pavement along SR 37 and Washboard Ave utilizing a mobile operation (IMUTCD Figure 6H-35).
 2. Install permanent pavement markings and signage.

- Notes:**
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 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
 Construction Clear Zone = 16'

Maintenance of Traffic Legend

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

Temporary Pavement Marking Legend

- 1 Temporary Pavement Marking, 4in. (White)
- 2 Temporary Pavement Marking, 4in. (Yellow)
- 3 Temporary Transverse Pavement Marking, 24in. (Stop Bar)
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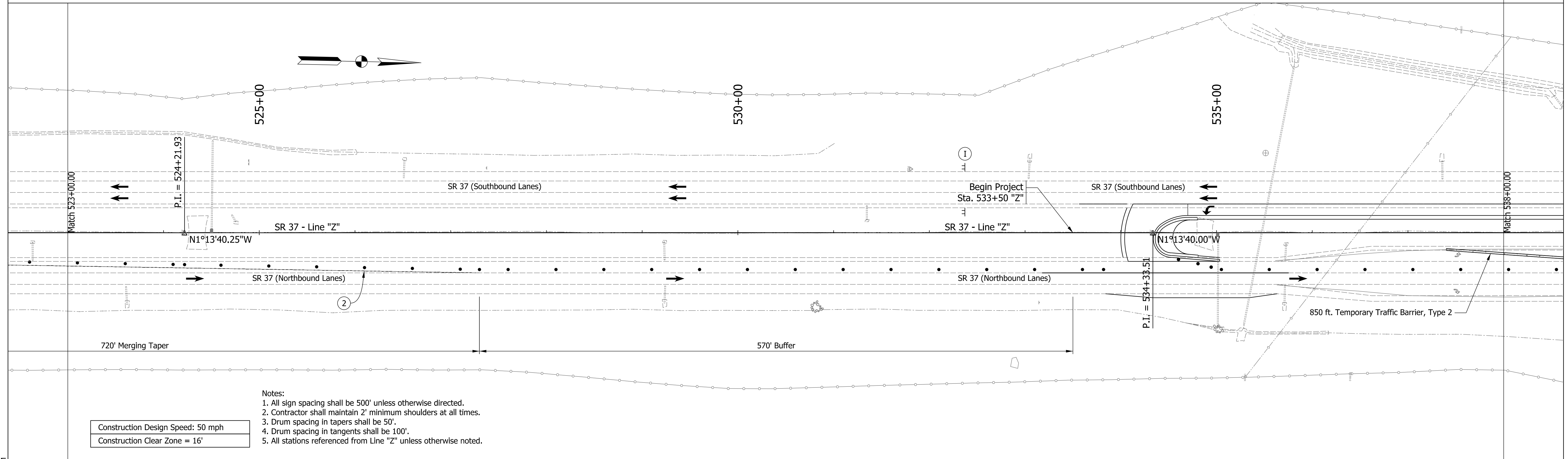
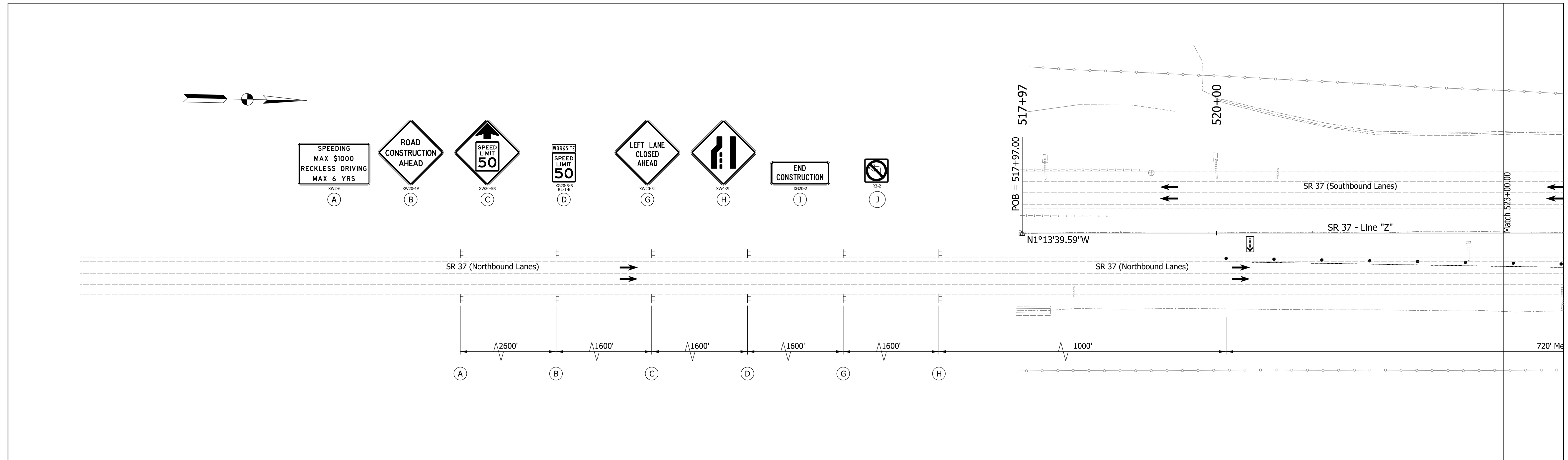
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

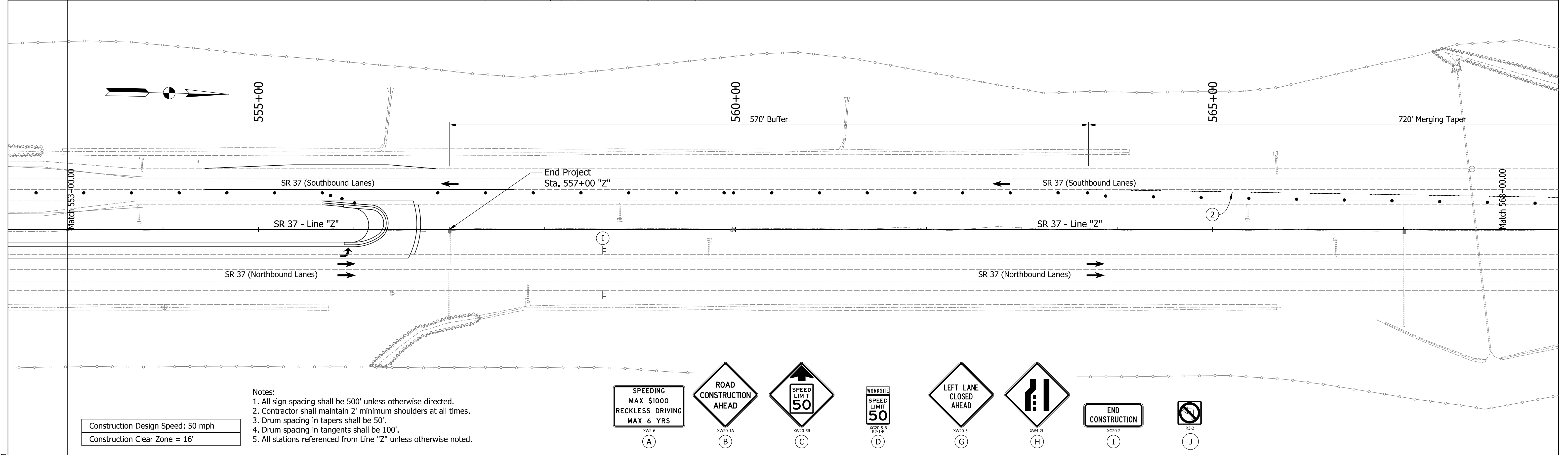
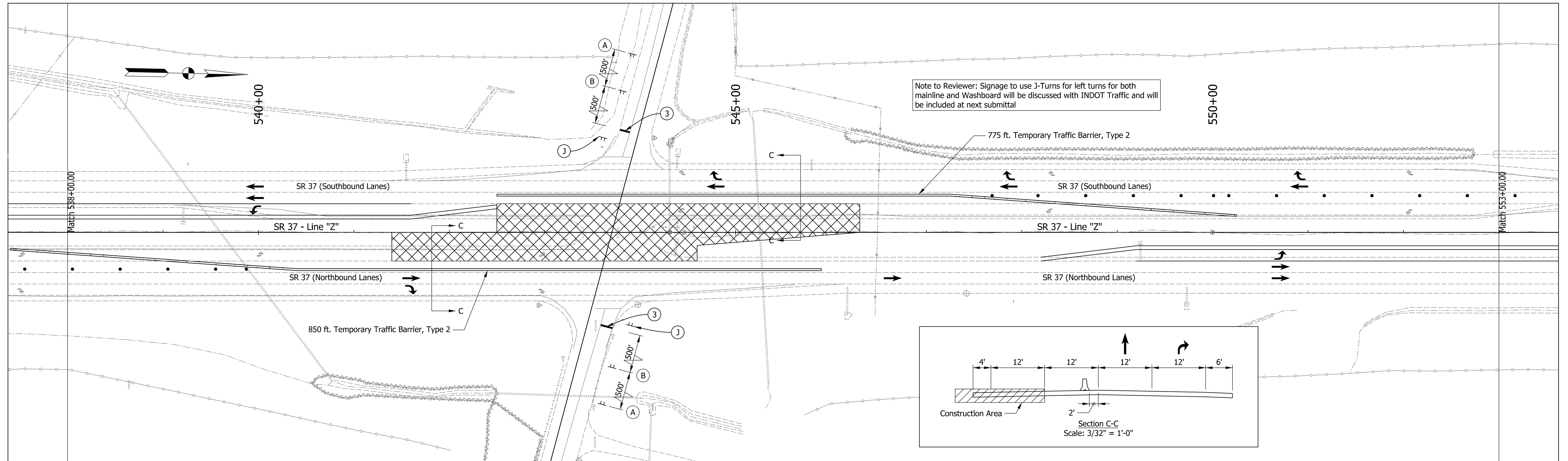
MAINTENANCE OF TRAFFIC
 PHASE 2

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1900255
	SHEETS
	11 of 48
CONTRACT	PROJECT
R-42194	1900255005T6

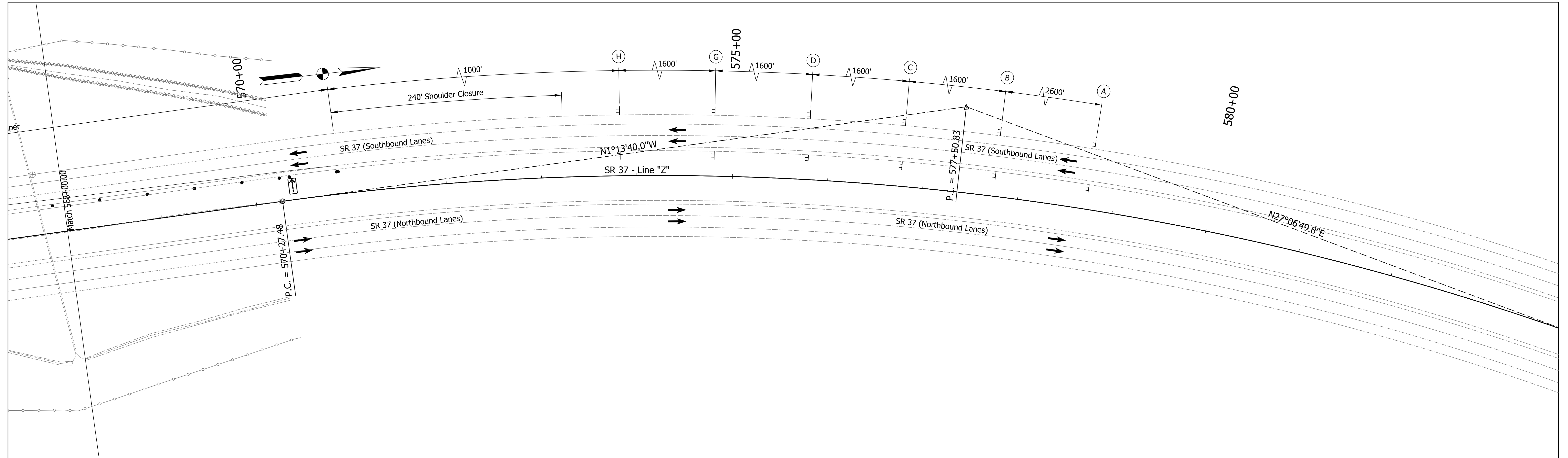
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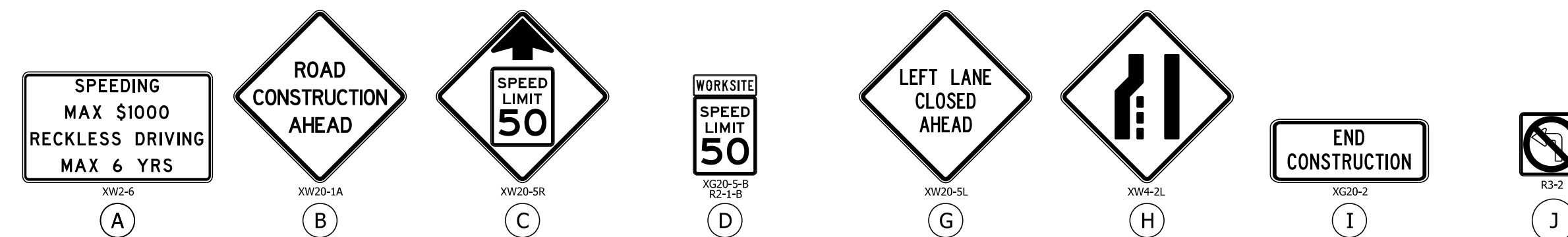
Maintenance of Traffic Legend 	Temporary Pavement Marking Legend ① Temporary Pavement Marking, 4in. (White) ② Temporary Pavement Marking, 4in. (Yellow) ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar) ④ Temporary Pavement Marking, 5in. (Black)	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	SCALE 1" = 50' BRIDGE FILE
		DESIGNED: MRS Nov 2021 DRAWN: MRS Nov 2021	DESIGNATION 1900255
		CHECKED: AKB Dec 2021 CHECKED: AKB Dec 2021	SHEETS 12 of 48
		MAINTENANCE OF TRAFFIC PHASE 3	CONTRACT R-42194 PROJECT 1900255005T6



Maintenance of Traffic Legend Construction Area Construction Sign Barricade Type III-A Channelizing Device Temporary Pavement Marking, 5 in (Black) Direction of Traffic	Temporary Pavement Marking Legend ① Temporary Pavement Marking, 4in. (White) ② Temporary Pavement Marking, 4in. (Yellow) ③ Temporary Transverse Pavement Marking, 24in. (Stop Bar) ④ Temporary Pavement Marking, 5in. (Black)	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'	BRIDGE FILE
		DESIGNED: MRS Nov 2021 DRAWN: MRS Nov 2021		MAINTENANCE OF TRAFFIC PHASE 3		DESIGNATION 1900255	
		CHECKED: AKB Dec 2021 CHECKED: AKB Dec 2021		SHEETS 13 of 48		PROJECT 1900255005T6	
						CONTRACT R-42194	



Maintenance of Traffic Summary - Phase 3		
Temporary Pavement Marking, Removable 4 in.	1440	LFT
Temporary Pavement Marking, Removable 24 in.	24	LFT
Construction Sign, A	28	EACH
Temporary Traffic Barrier, Type 2	1625	LFT
Temporary Worksite Speed Limit Sign Assembly	8	EACH
Flashing Arrow Sign	30	DAY
Temporary Pavement Marking, Removable, 5 in. (Black)	0	LFT



- PHASE 1:**
1. Install advanced warning signs.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to inside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new full depth outside loons across from the median J-Turn areas.

- PHASE 2:**
1. Adjust advance warning signs for left lane closure.
 2. Traffic shall be maintained with a single lane closure. Shift NB and SB SR 37 traffic to outside travel lanes. Intersection with Washboard Rd will remain open.
 3. Install temporary traffic barrier and temporary pavement markings as shown.
 4. Construct the new NB and SB auxiliary lanes and J-Turn median crossover areas in the SR 37 median.

- PHASE 3:**
1. Close SR 37 intersection with Washboard Rd. Maintain NB and SB SR 37 traffic in the outside traffic lanes. Washboard Rd through traffic, Washboard Rd left turn movements onto SR 37 and SR 37 left turn movements onto Washboard Rd will utilize the new J-Turn auxiliary lanes and J-Turn median crossover areas.
 2. Construct the new intersection of SR 37 and Washboard Rd.

- PHASE 4:**
1. Mill and resurface the remaining existing surface pavement along SR 37 and Washboard Ave utilizing a mobile operation (IMUTCD Figure 6H-35).
 2. Install permanent pavement markings and signage.

- Notes:**
1. All sign spacing shall be 500' unless otherwise directed.
 2. Contractor shall maintain 2' minimum shoulders at all times.
 3. Drum spacing in tapers shall be 50'.
 4. Drum spacing in tangents shall be 100'.
 5. All stations referenced from Line "Z" unless otherwise noted.

Construction Design Speed: 50 mph
 Construction Clear Zone = 16'

Maintenance of Traffic Legend

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

Temporary Pavement Marking Legend

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

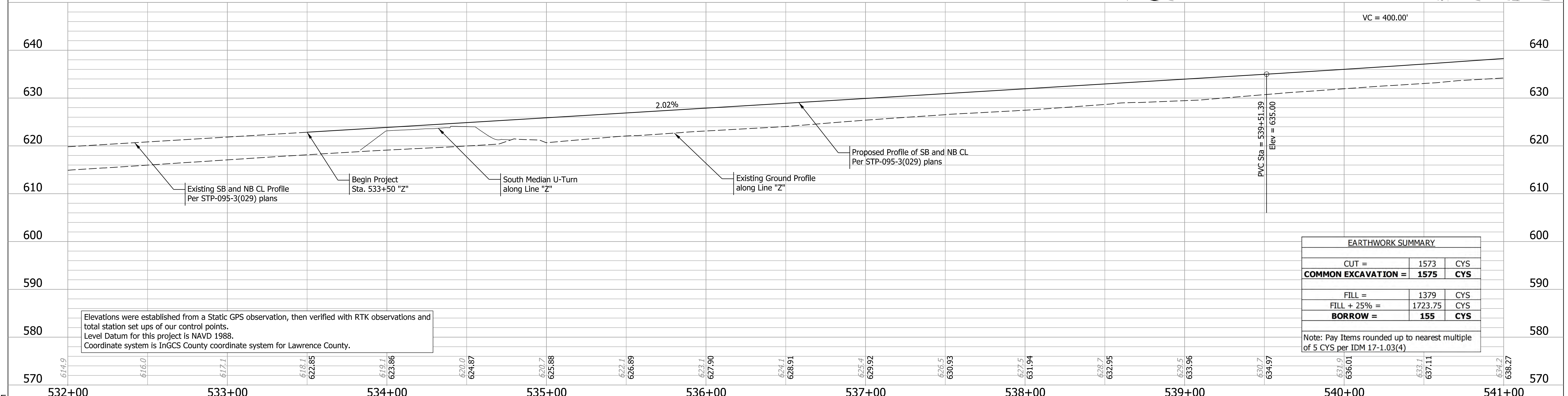
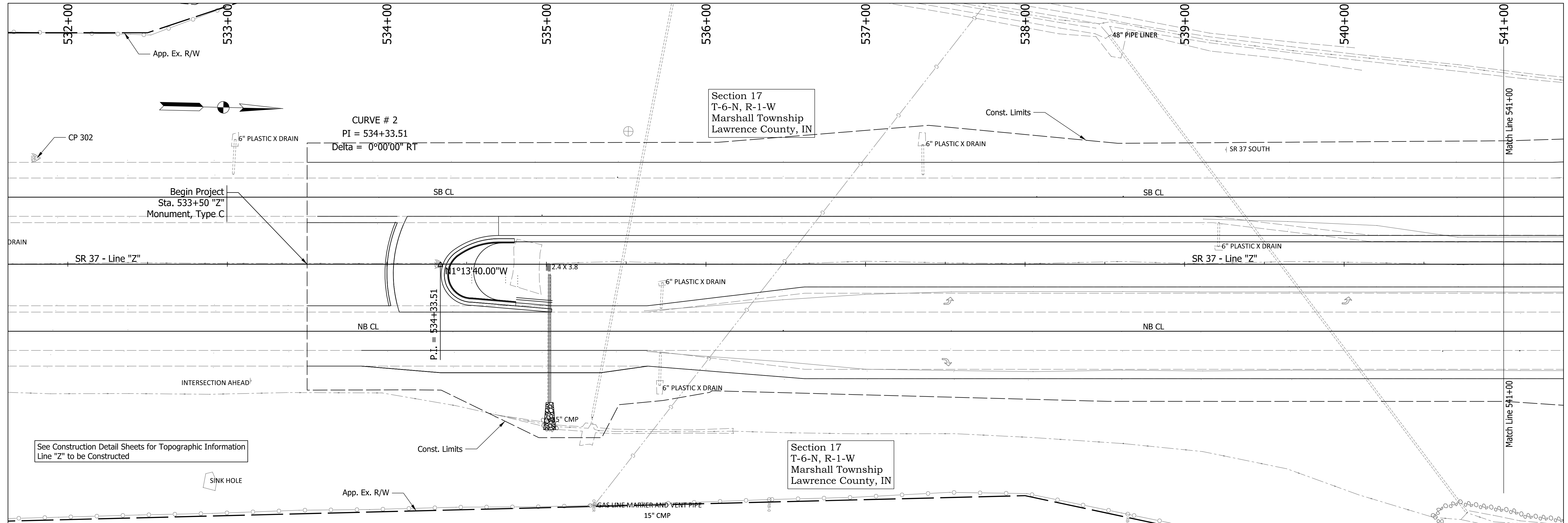
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 PHASE 3

SCALE	BRIDGE FILE
1" = 50'	
DESIGNATION	
1900255	
SHEETS	
14 of 48	
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:50 AM

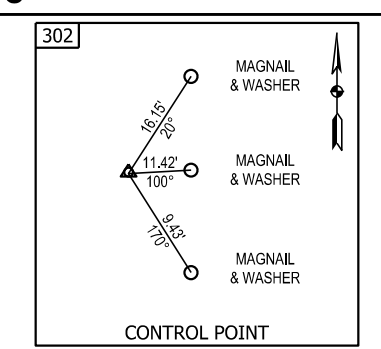


EARTHWORK SUMMARY		
CUT =	1573	CYS
COMMON EXCAVATION =	1575	CYS
FILL =	1379	CYS
FILL + 25% =	1723.75	CYS
BORROW =	155	CYS

Note: Pay Items rounded up to nearest multiple of 5 CYS per IDM 17-1.03(4)

Elevations were established from a Static GPS observation, then verified with RTK observations and total station set ups of our control points. Level Datum for this project is NAVD 1988. Coordinate system is InGCS County coordinate system for Lawrence County.

Control Points
 BM & CP 302: Sta. 531+80.67, Offset: 66.54, Set 5/8" Rebar/Cap, Northing: 428177.918, Easting: 772474.619, Elev.: 618.503



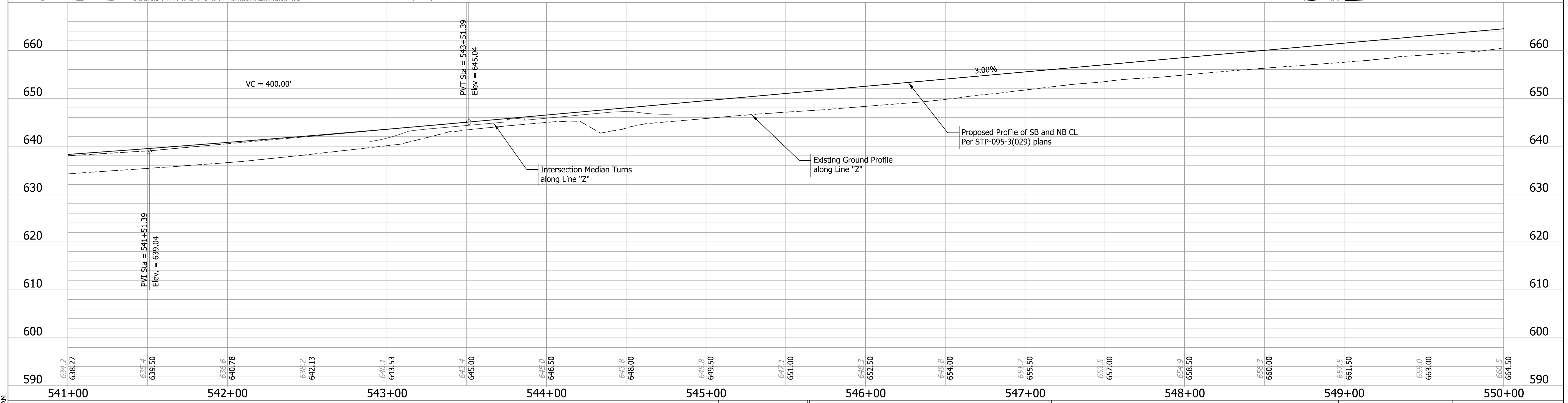
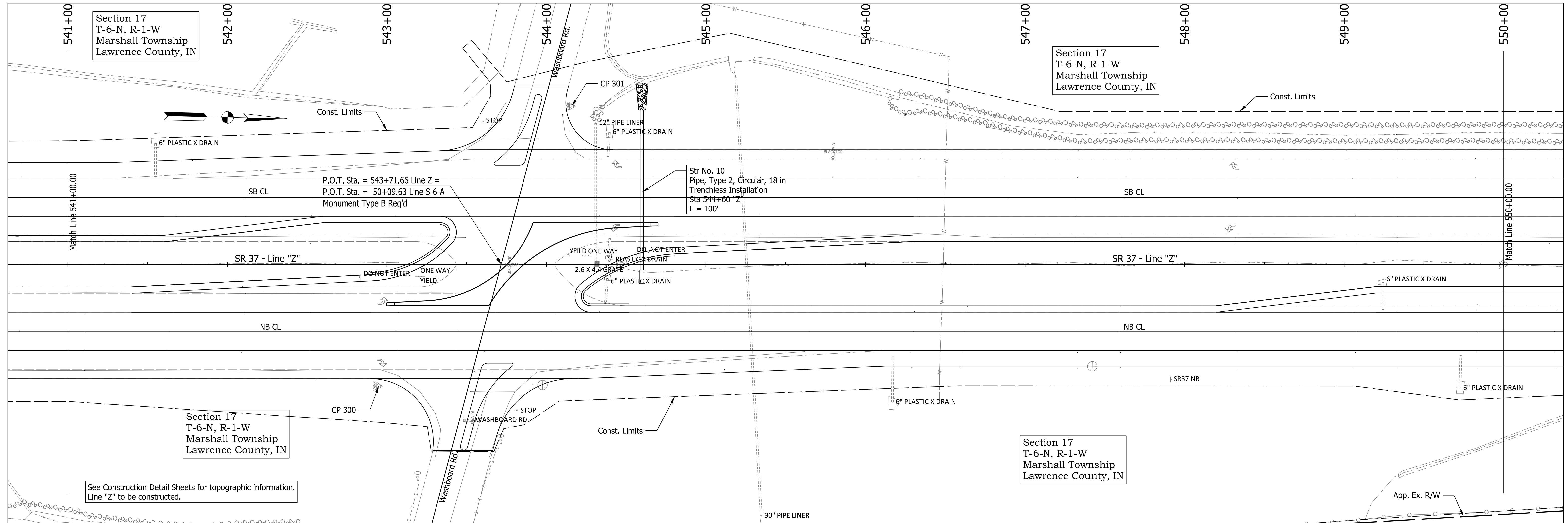
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
 DEPARTMENT OF TRANSPORTATION

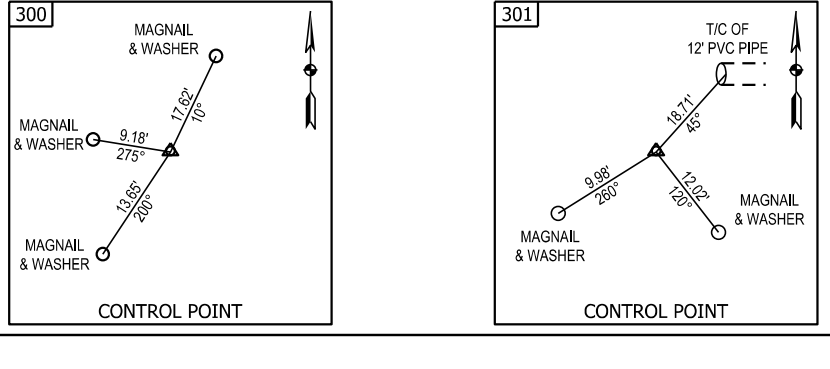
PLAN AND PROFILE
 LINE "Z"

SCALE	BRIDGE FILE
Horz.: 1" = 30', Vert.: 1" = 10'	DESIGNATION
	1900255
	SHEETS
	15 of 48
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:51 AM



Control Points
 BM & CP 300: Sta. 542+94.93, Offset: 76.34, Set 5/8" Rebar/Cap, Northing: 429294.979, Easting: 772593.586, Elev.: 641.616
 BM & CP 301: Sta. 544+15.79, Offset: 98.95, Set 5/8" Rebar/Cap, Northing: 429412.088, Easting: 772415.759, Elev.: 645.022



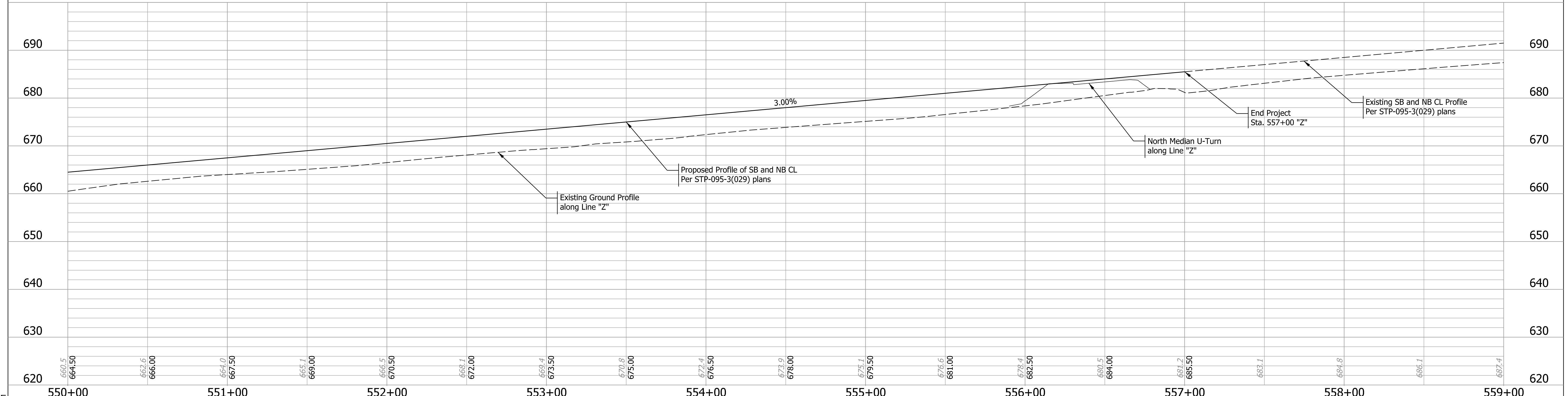
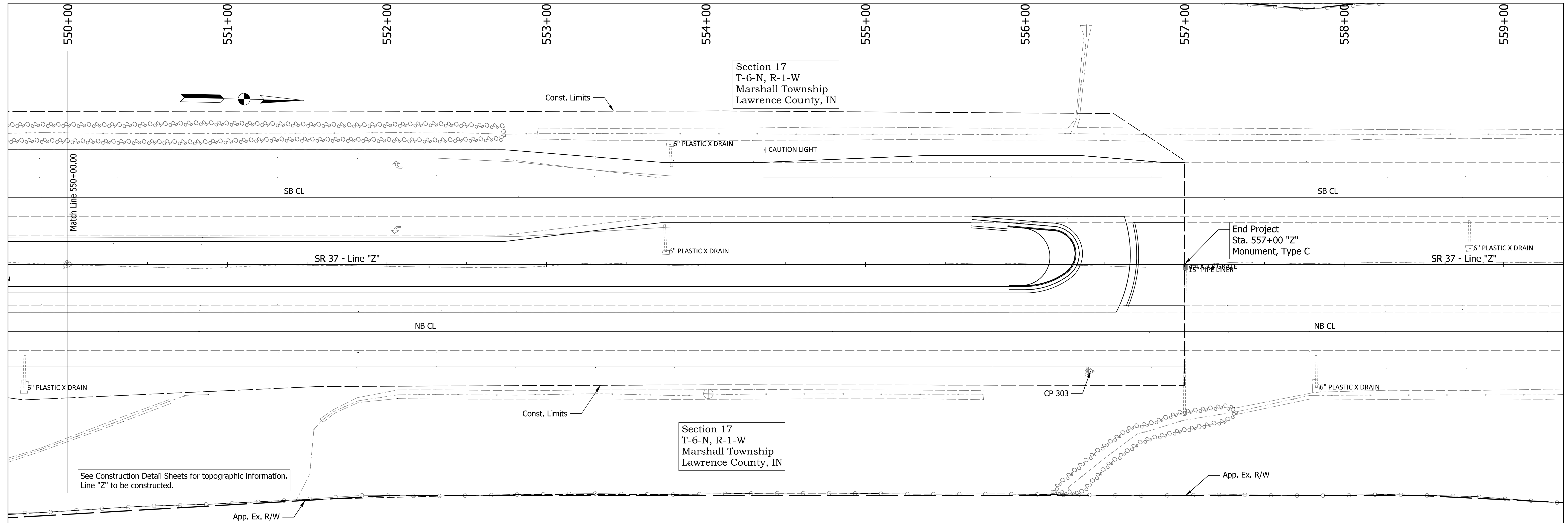
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
DEPARTMENT OF TRANSPORTATION

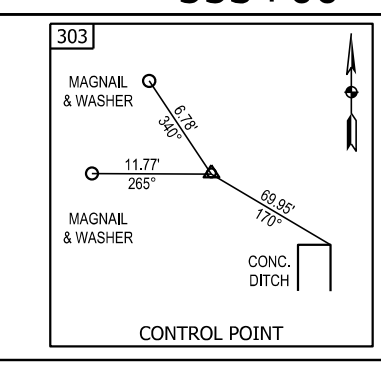
PLAN AND PROFILE
LINE "Z"

SCALE	BRIDGE FILE
Horz.: 1" = 30', Vert.: 1" = 10'	DESIGNATION
	1900255
SHEETS	
16 of 48	
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:51 AM



Station	Elevation
550+00	660.5
550+00	664.50
550+00	662.6
550+00	666.00
551+00	664.0
551+00	667.50
551+00	665.1
551+00	669.00
552+00	666.5
552+00	670.50
552+00	668.1
552+00	672.00
553+00	669.4
553+00	673.50
553+00	670.8
553+00	675.00
554+00	672.4
554+00	676.50
554+00	673.9
554+00	678.00
555+00	675.1
555+00	679.50
555+00	676.6
555+00	681.00
556+00	678.4
556+00	682.50
556+00	680.5
556+00	684.00
557+00	681.2
557+00	685.50
557+00	683.1
558+00	684.8
558+00	686.1
559+00	687.4



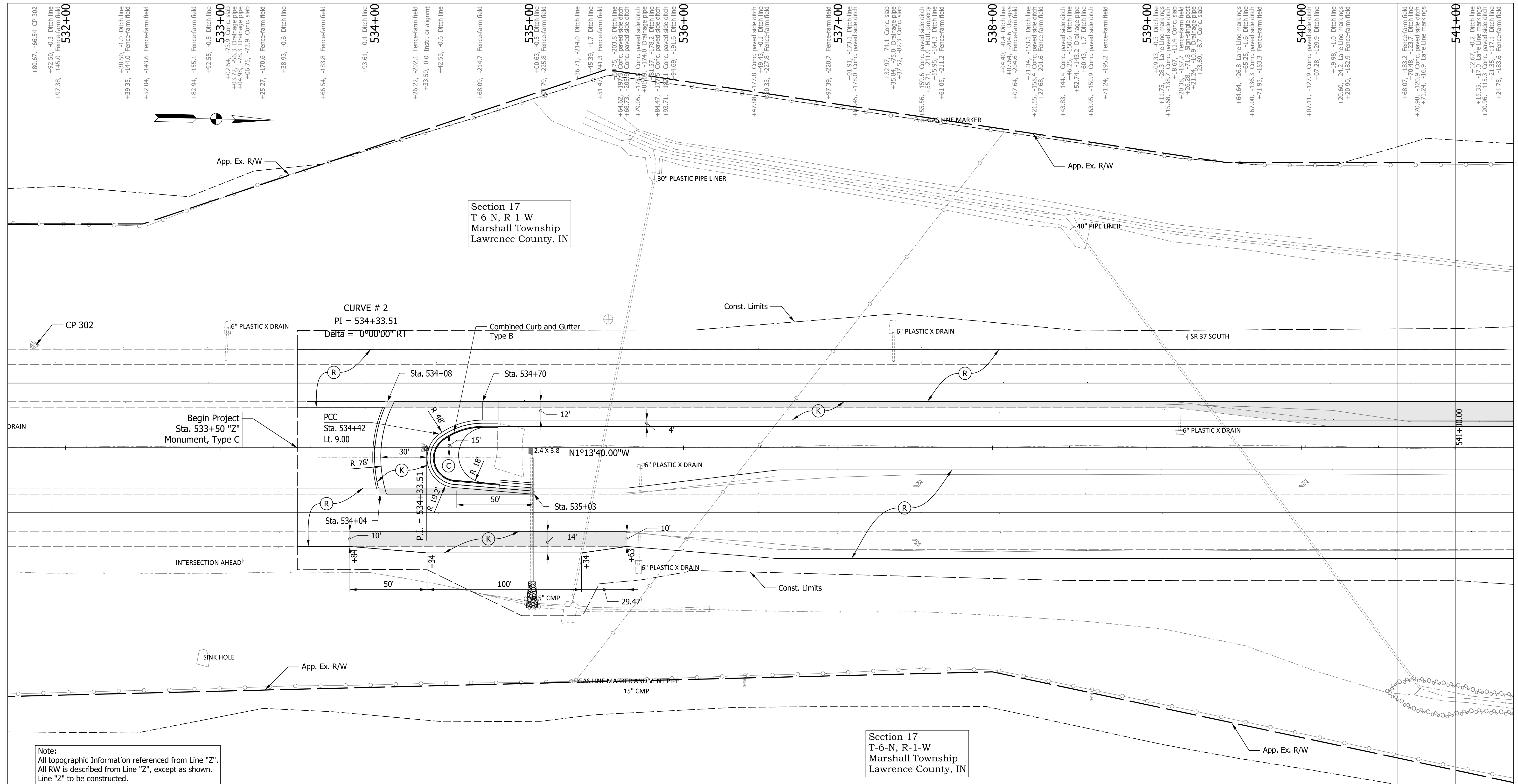
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
		Dec 2021

INDIANA
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE
LINE "Z"**

SCALE	BRIDGE FILE
Horz.: 1" = 30', Vert.: 1" = 10'	DESIGNATION
	1900255
SHEETS	
17 of 48	
CONTRACT	PROJECT
R-42194	1900255005T6

Plot: 1/10/2023 9:51 AM



Section 17
T-6-N, R-1-W
Marshall Township
Lawrence County, IN

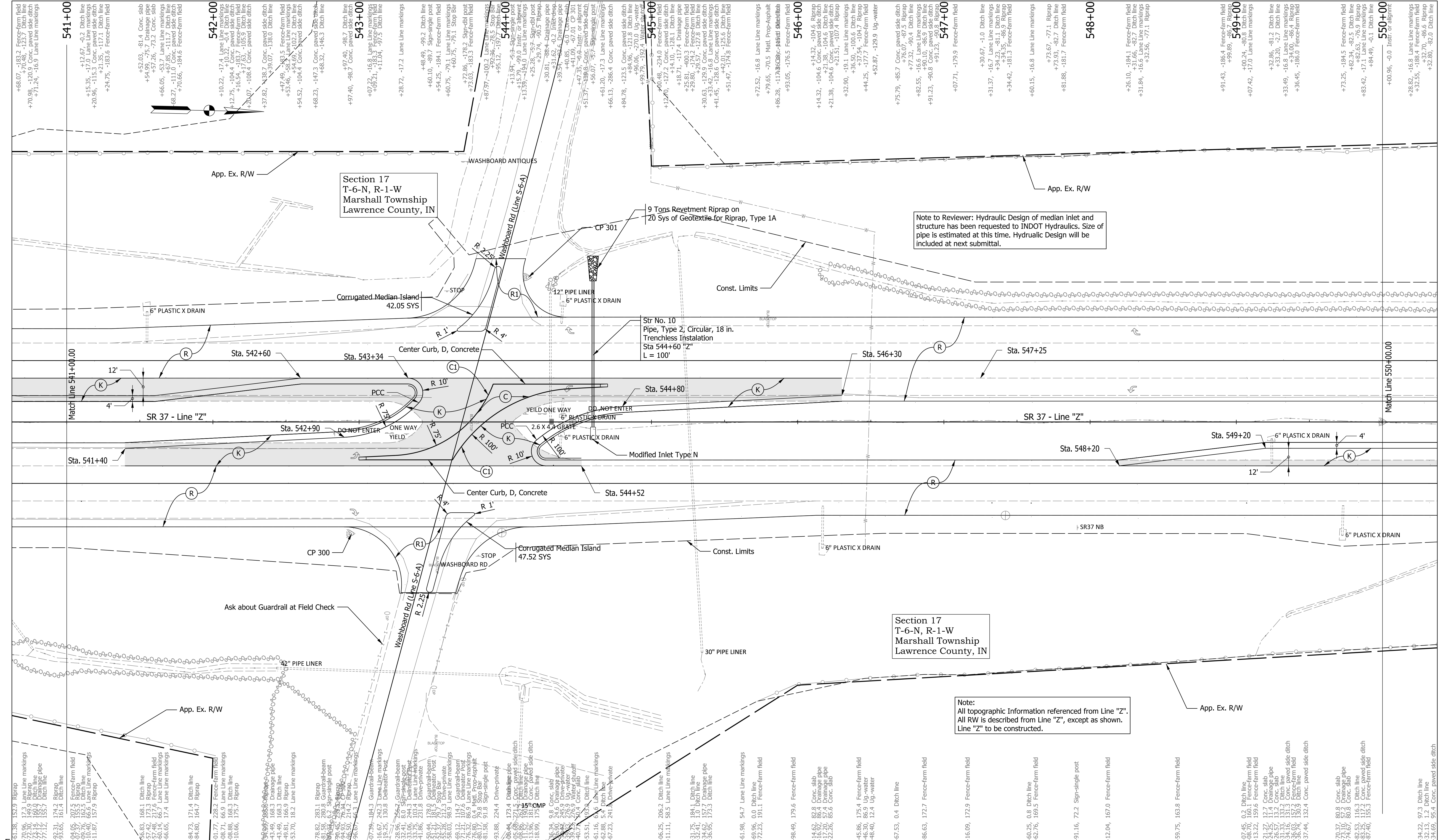
Section 17
T-6-N, R-1-W
Marshall Township
Lawrence County, IN

Note:
All topographic information referenced from Line "Z".
All RW is described from Line "Z", except as shown.
Line "Z" to be constructed.

- +80.67, +66.54 CP 302
- +89.16, 81.1 Ditch line
- +94.21, 158.5 Fence-farm field
- +38.30, 81.0 Ditch line
- +44.62, 157.1 Fence-farm field
- +89.05, 81.5 Ditch line
- +90.53, 156.1 Fence-farm field
- +14.35, 73.0 Sign-single post
- +38.25, 80.4 Ditch line
- +44.99, 154.1 Fence-farm field
- +89.21, 153.7 Fence-farm field
- +96.96, 80.6 Ditch line
- +42.97, 88.6 Ditch line
- +43.32, 152.2 Fence-farm field
- +68.20, 94.3 Ditch line
- +69.20, 94.3 Ditch line
- +93.84, 152.0 Fence-farm field
- +97.06, 98.7 Conc. paved side ditch
- +97.38, 99.9 Ditch line
- +01.32, 21.1 Inlet-ditch
- +06.09, 103.5 Conc. paved side ditch
- +06.17, 101.8 Ditch line
- +20.75, 113.4 Conc. paved side ditch
- +26.22, 102.8 Ditch line
- +28.66, 95.0 Drainage pipe
- +36.67, 151.0 Fence-farm field
- +39.72, 151.3 Water property
- +42.95, 104.8 Ditch line
- +61.41, 29.2 Lane Line markings
- +69.00, 72.9 Conc. slab
- +72.75, 11.4 Drainage pipe
- +74.79, 10.1 Conc. slab
- +87.24, 149.4 Fence-farm field
- +91.92, 104.9 Ditch line
- +92.77, 57.2 Lane Line markings
- +16.83, 104.6 Ditch line
- +17.07, 102.8 Conc. paved side ditch
- +39.69, 147.5 Rebar
- +40.16, 147.4 Fence-farm field
- +48.18, 22.3 Lane Line markings
- +48.27, 105.5 Ditch line
- +92.49, 146.0 Fence-farm field
- +93.03, 106.2 Ditch line
- +99.53, 18.9 Lane Line markings
- +00.10, 65.8 Lane Line markings
- +52.75, 142.9 Fence-farm field
- +53.79, 17.3 Lane Line markings
- +55.74, 66.6 Lane Line markings
- +56.04, 166.2 Ditch line
- +01.14, 143.7 Fence-farm field
- +04.36, 108.6 Ditch line
- +04.99, 17.1 Lane Line markings
- +60.46, 155.8 Fence-farm field
- +64.13, 128.2 Ditch line
- +66.97, 66.4 Lane Line markings
- +02.84, 185.6 Fence-farm field
- +09.43, 144.6 Ditch line
- +14.87, 66.6 Lane Line markings
- +20.27, 17.5 Lane Line markings
- +63.68, 186.4 Fence-farm field
- +65.92, 158.6 Ditch line
- +66.38, 166.9 Lane Line markings
- +70.96, 17.2 Lane Line markings
- +72.30, 149.9 Riprap
- +77.14, 160.9 Ditch line
- +77.12, 155.7 Ditch line
- +92.31, 174.2 Riprap
- +93.65, 161.4 Ditch line
- +04.05, 207.5 Riprap
- +07.97, 155.5 Riprap
- +10.40, 66.6 Lane Line markings
- +11.87, 157.9 Riprap
- +80.59, -1.0 Ditch line
- +39.35, +44.0 Fence-farm field
- +52.04, +43.6 Fence-farm field
- +82.94, -155.1 Fence-farm field
- +92.55, -0.5 Ditch line
- +02.54, -73.9 Conc. slab
- +04.98, -76.3 Drainage pipe
- +06.75, -73.9 Conc. slab
- +25.27, -170.6 Fence-farm field
- +38.93, -0.6 Ditch line
- +66.54, -183.8 Fence-farm field
- +93.61, -0.4 Ditch line
- +26.22, -202.1 Fence-farm field
- +33.50, 0.0 Instr. or alignmt
- +42.53, -0.6 Ditch line
- +68.09, -214.7 Fence-farm field
- +00.63, -0.5 Ditch line
- +00.79, -225.8 Fence-farm field
- +36.71, -214.0 Ditch line
- +45.39, -1.7 Ditch line
- +51.47, -241.3 Fence-farm field
- +64.62, -197.5 Ditch line
- +66.73, -202.6 Conc. paved side ditch
- +79.05, -171.0 Conc. paved side ditch
- +81.57, -178.2 Ditch line
- +84.47, -177.5 Conc. paved side ditch
- +93.71, -181.1 Conc. paved side ditch
- +94.69, -151.6 Lane Line
- +32.97, -74.1 Conc. slab
- +37.57, -82.3 Conc. slab
- +55.56, -159.6 Conc. paved side ditch
- +59.44, -155.95, -164.3 Ditch line
- +61.05, -211.2 Fence-farm field
- +04.40, -0.4 Ditch line
- +07.64, -204.6 Ug-pas
- +07.64, -204.6 Fence-farm field
- +21.24, -153.1 Ditch line
- +27.68, -201.6 Fence-farm field
- +43.83, -144.4 Conc. paved side ditch
- +46.22, -150.6 Ditch line
- +52.74, -143.2 Ditch line
- +60.43, -17 Ditch line
- +63.95, -150.9 Conc. paved side ditch
- +71.24, -195.2 Fence-farm field
- +09.23, -202.3 Conc. slab
- +11.75, -28.3 Lane Line markings
- +15.68, -138.7 Conc. paved side ditch
- +15.68, -138.7 Conc. paved side ditch
- +20.38, -182.7 Fence-farm field
- +26.28, -71.8 Sign-single post
- +21.24, -10.9 Drainage pipe
- +23.09, -87 Conc. slab
- +64.64, -26.8 Lane Line markings
- +65.25, -1.8 Ditch line
- +67.00, -136.3 Conc. paved side ditch
- +71.93, -183.3 Fence-farm field
- +07.11, -127.9 Conc. paved side ditch
- +07.28, -129.9 Ditch line
- +19.98, -1.0 Ditch line
- +20.60, -21.2 Lane Line markings
- +20.90, -182.9 Fence-farm field
- +68.07, -183.2 Fence-farm field
- +70.98, -120.9 Conc. paved side ditch
- +71.24, -16.9 Lane Line markings
- +15.35, -17.0 Lane Line markings
- +20.96, -115.3 Conc. paved side ditch
- +21.35, -171.1 Ditch line
- +24.75, -182.6 Fence-farm field

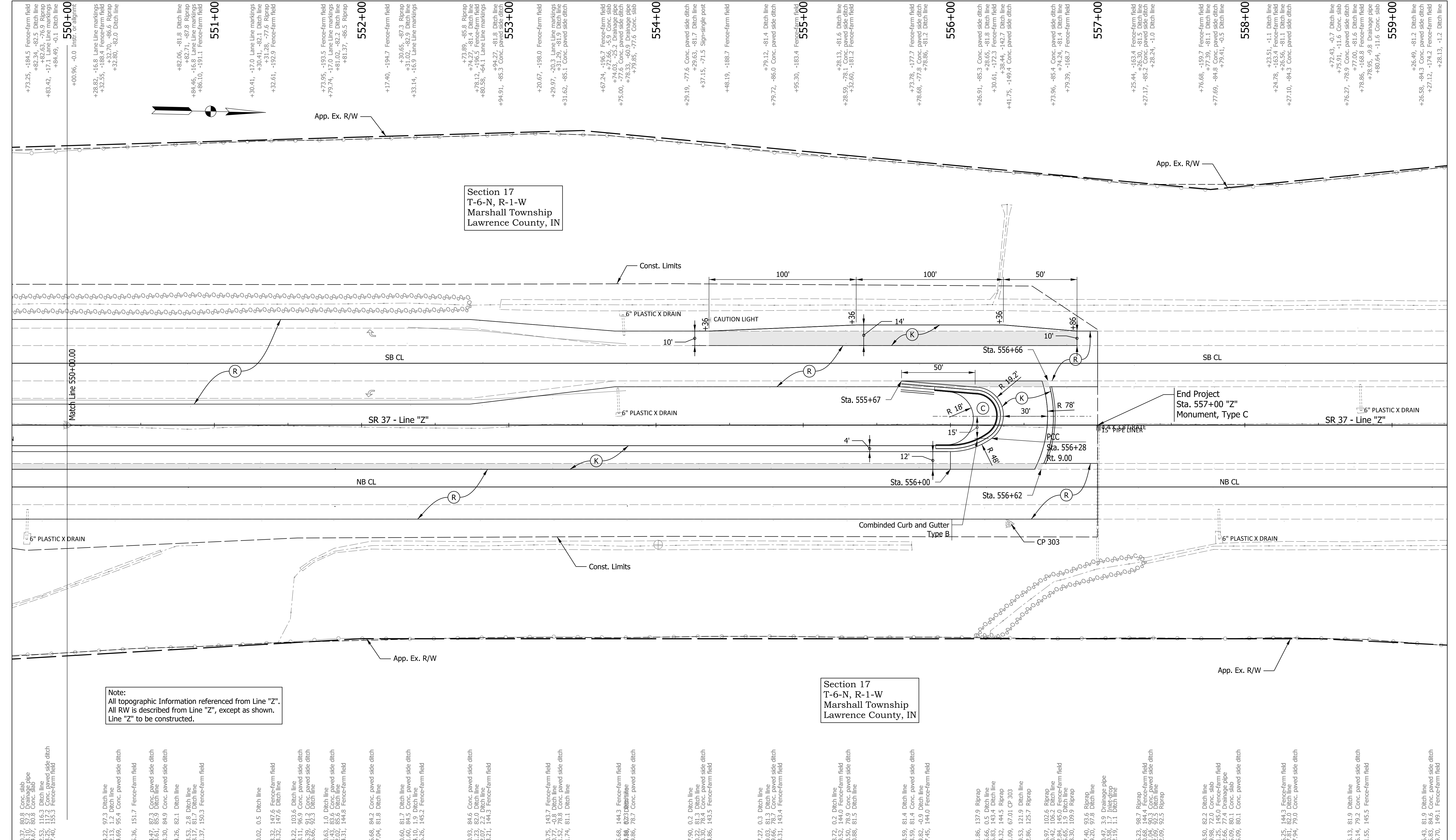
Legend (C) PCCP, 7 in. (R) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in. (R1) HMA for Approaches, Type B (K) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on 770 lb/sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sys QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type IC Pavement Removal	RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE DRAWN: MRS Nov 2021 CHECKED: AKB Dec 2021	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS LINE "Z"	SCALE 1" = 30' BRIDGE FILE DESIGNATION 1900255 SHEETS 18 of 48 CONTRACT R-42194 PROJECT 1900255005T6
	Note: All topographic information referenced from Line "Z". All RW is described from Line "Z", except as shown. Line "Z" to be constructed.	Section 17 T-6-N, R-1-W Marshall Township Lawrence County, IN	Section 17 T-6-N, R-1-W Marshall Township Lawrence County, IN

Plot: 1/10/2023 9:51 AM



Plot: 1/10/2023 9:51 AM File: p:\indot-pw.bentley.com\indot-pw-01\Documents\vincennes\1900255\Design\MS\Sh Construction Details_30_2.dgn Model: Default	Legend (C) PCCP, 7 in. (C1) Center Curb, D Concrete (C2) Curb and Gutter, B, Concrete Pavement Removal (R) 165 lb/sy QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in. (R1) HMA for Approaches, Type B	165 lb/sy QC/QA-HMA, 4, 70, Surface 9.5 mm on 275 lb/sy QC/QA-HMA, 4, 70, Intermediate, 19.0 mm on 770 lb/sy QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sy QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type IC	RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____ DESIGNED: MRS Nov 2021 DRAWN: MRS Nov 2021 CHECKED: AKB Dec 2021 CHECKED: AKB Dec 2021	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS LINE "Z"	SCALE 1" = 30' BRIDGE FILE DESIGNATION 1900255 SHEETS 19 of 48 CONTRACT R-42194 PROJECT 1900255005T6
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- +68.07, -183.7 Fence-form field
- +70.96, -120.9 Conc. paved side ditch
- +71.24, -16.9 Lane Line markings
- 541+00
- +12.67, -0.2 Ditch line
- +15.35, -17.0 Lane Line markings
- +20.96, -11.1 Conc. paved side ditch
- +24.75, -183.6 Fence-form field
- +52.03, -81.4 Conc. slab
- +54.99, -75.7 Drainage pipe
- +57.26, -73.2 Conc. slab
- +66.05, -53.7 Lane Line markings
- +67.48, -217.6 Fence-form field
- +70.66, -184.6 Fence-form field
- 542+00
- +10.22, -17.4 Lane Line markings
- +12.75, -104.4 Conc. paved side ditch
- +16.54, -183.7 Fence-form field
- +20.07, -108.4 Conc. paved side ditch
- +37.82, -138.7 Conc. paved side ditch
- +39.07, -138.0 Ditch line
- +47.49, -83.5 Fence-form field
- +53.46, -58.2 Lane Line markings
- +54.52, -104.4 Conc. paved side ditch
- +68.23, -147.3 Conc. paved side ditch
- +68.32, -146.3 Ditch line
- 543+00
- +97.40, -98.7 Conc. paved side ditch
- +97.52, -16.8 Lane Line markings
- +98.71, -11.0 Conc. paved side ditch
- +11.04, -97.3 Ditch line
- +28.72, -17.2 Lane Line markings
- +48.49, -99.2 Ditch line
- +60.10, -89.7 Sign-single post
- +54.25, -184.1 Fence-form field
- +60.75, -79.1 Lane Line markings
- +60.75, -79.1 Stop Bar
- +72.86, -178.2 Sign-single post
- +73.03, -183.3 Fence-form field
- +87.97, -100.2 Lane Line markings
- +95.12, -107.7 Ditch line
- 544+00
- +13.94, -5.5 Sign-single post
- +15.35, -14.0 Lane Line markings
- +25.28, -87.7 Sign-single post
- +29.74, -90.5 Riprap
- +30.81, -88.4 Drainage pipe
- +31.62, -0.2 Inter-ditch
- +39.39, -85.0 Drainage pipe
- +41.09, -87.01 CP 301
- +47.35, -80.8 Inter. or alignment
- +51.37, -139.8 Conc. paved side-ditch
- +56.07, -57.7 Sign-single post
- +61.20, -17.3 Lane Line markings
- +66.13, -286.4 Conc. paved side ditch
- +84.78, -123.5 Conc. paved side ditch
- +84.96, -121.8 Ditch line
- +96.06, -270.0 Up-water
- +97.79, -336.4 Conc. paved side ditch
- 545+00
- +12.76, -42.2 Conc. paved side ditch
- +14.10, -128.1 Ditch line
- +18.71, -117.4 Drainage pipe
- +25.81, -40.3 Fence-form field
- +29.89, -78.57 Conc. paved side ditch
- +30.63, -128.9 Conc. paved side ditch
- +33.42, -16.8 Lane Line markings
- +41.45, -124.8 Lane Line markings
- +42.01, -125.6 Ditch line
- +51.47, -174.8 Fence-form field
- 546+00
- +72.52, -16.8 Lane Line markings
- +79.65, -70.5 Mail Prop-Asphalt
- +86.28, -117.8 Conc. paved side-ditch
- +93.05, -176.5 Fence-form field
- 547+00
- +14.32, -104.6 Riprap
- +14.32, -104.6 Conc. paved side ditch
- +21.38, -104.6 Conc. paved side ditch
- +21.51, -107.4 Riprap
- +32.90, -18.1 Lane Line markings
- +36.50, -100.6 Ditch line
- +44.25, -37.54, -104.7 Riprap
- +47.77, -100.6 Fence-form field
- +52.87, -129.9 Up-water
- +75.79, -85.7 Conc. paved side ditch
- +76.07, -87.5 Riprap
- +77.32, -90.4 Ditch line
- +82.55, -16.6 Lane Line markings
- +86.28, -117.8 Conc. paved side ditch
- +91.23, -90.8 Conc. paved side ditch
- +91.23, -90.8 Riprap
- 548+00
- +07.71, -179.9 Fence-form field
- +30.67, -4.0 Ditch line
- +31.37, -16.7 Lane Line markings
- +34.23, -81.1 Ditch line
- +34.35, -86.9 Riprap
- +34.42, -181.3 Fence-form field
- +60.15, -16.8 Lane Line markings
- +73.67, -77.1 Riprap
- +73.83, -82.7 Ditch line
- +81.88, -181.7 Fence-form field
- 549+00
- +91.43, -186.4 Fence-form field
- +99.89, -86.7 Riprap
- +00.24, -80.8 Ditch line
- +07.42, -17.0 Lane Line markings
- +32.86, -81.2 Ditch line
- +33.20, -2.7 Ditch line
- +33.49, -16.8 Lane Line markings
- +36.45, -188.0 Fence-form field
- 550+00
- +00.96, -0.0 Inter. or alignment
- +28.82, -16.8 Lane Line markings
- +32.55, -188.4 Fence-form field
- +32.89, -82.0 Ditch line



Note:
 All topographic information referenced from Line "Z".
 All RW is described from Line "Z", except as shown.
 Line "Z" to be constructed.

Section 17
 T-6-N, R-1-W
 Marshall Township
 Lawrence County, IN

Section 17
 T-6-N, R-1-W
 Marshall Township
 Lawrence County, IN

- Legend**
- (C) PCCC, 7 in.
 - (R) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on Milling, Asphalt, 1 1/2 in.
 - (R1) HMA for Approaches, Type B

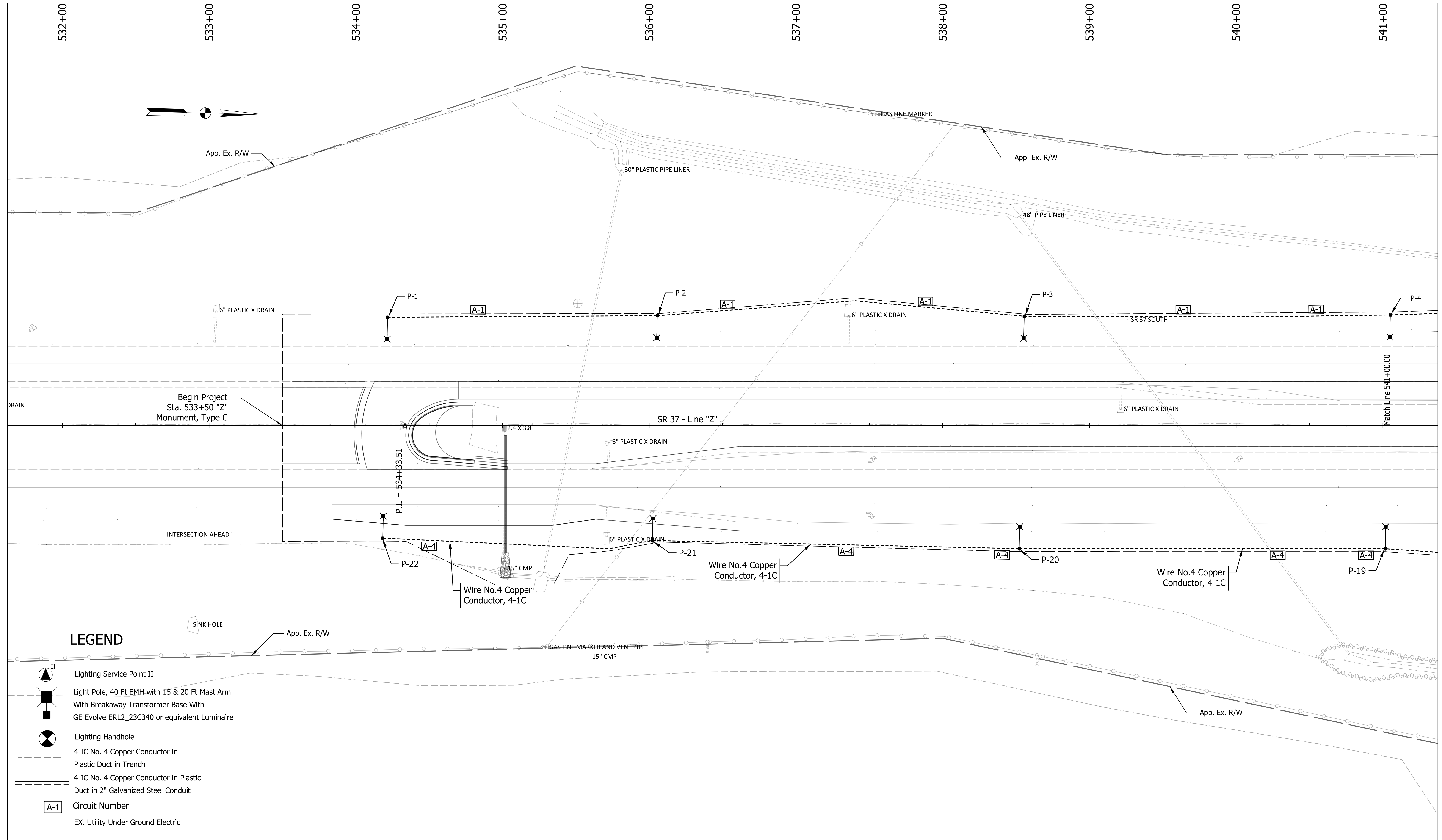
- (K) 165 lb/sys QC/QA-HMA, 4, 70, Surface 9.5 mm on 770 lb/sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 300 lb/sys QC/QA-HMA, 4, 76, Intermediate OG, 19.0 mm on 6 in of Compacted Aggregate, No. 53 on Subgrade Treatment Type IC
- Pavement Removal

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRS	Nov 2021	DRAWN: MRS
Nov 2021		Nov 2021
CHECKED: AKB	Dec 2021	CHECKED: AKB
	Dec 2021	Dec 2021


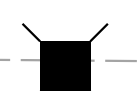
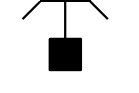


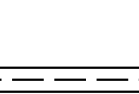
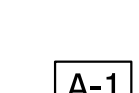
INDIANA
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
 LINE "Z"

SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
	1900255
	SHEETS
	20 of 48
CONTRACT	PROJECT
R-42194	1900255005T6



LEGEND

-  Lighting Service Point II
-  Light Pole, 40 Ft EMH with 15 & 20 Ft Mast Arm
With Breakaway Transformer Base With
GE Evolve ERL2_23C340 or equivalent Luminaire
-  Lighting Handhole
-  4-IC No. 4 Copper Conductor in
Plastic Duct in Trench
-  4-IC No. 4 Copper Conductor in Plastic
Duct in 2" Galvanized Steel Conduit
-  A-1 Circuit Number
-  EX. Utility Under Ground Electric

Note:
All topographic information referenced from Line "Z".
All RW is described from Line "Z", except as shown.
Line "Z" to be constructed.

NOTE: Service point will be located during field check.

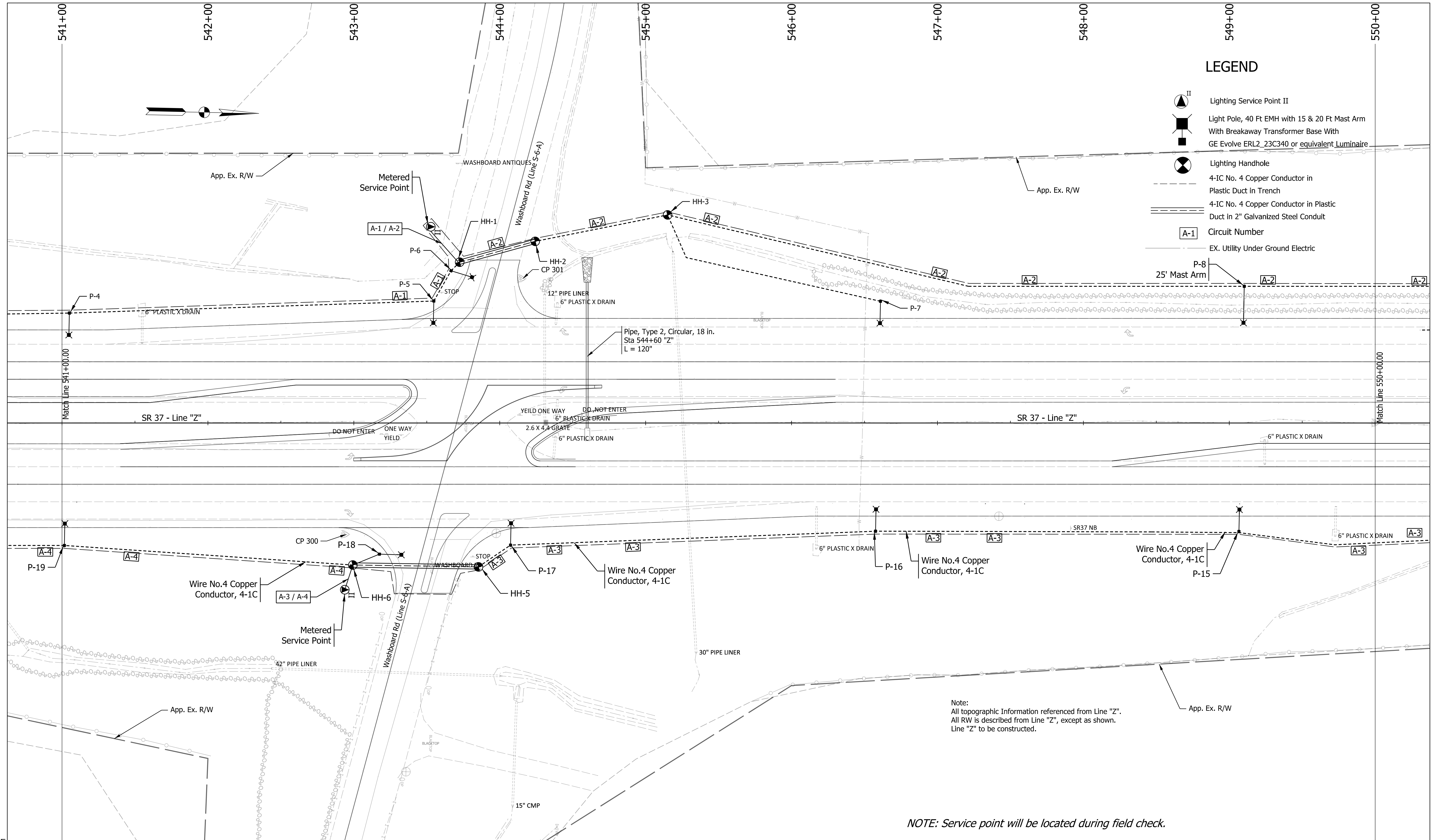
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: NA	07/2022	DRAWN: NA 07/2022
CHECKED: PTP	07/2022	CHECKED: PTP 07/2022

**INDIANA
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 1900255
	SHEETS 21 of 48
CONTRACT R-42194	PROJECT 1900255005T6

Plot: 1/10/2023 9:52 AM

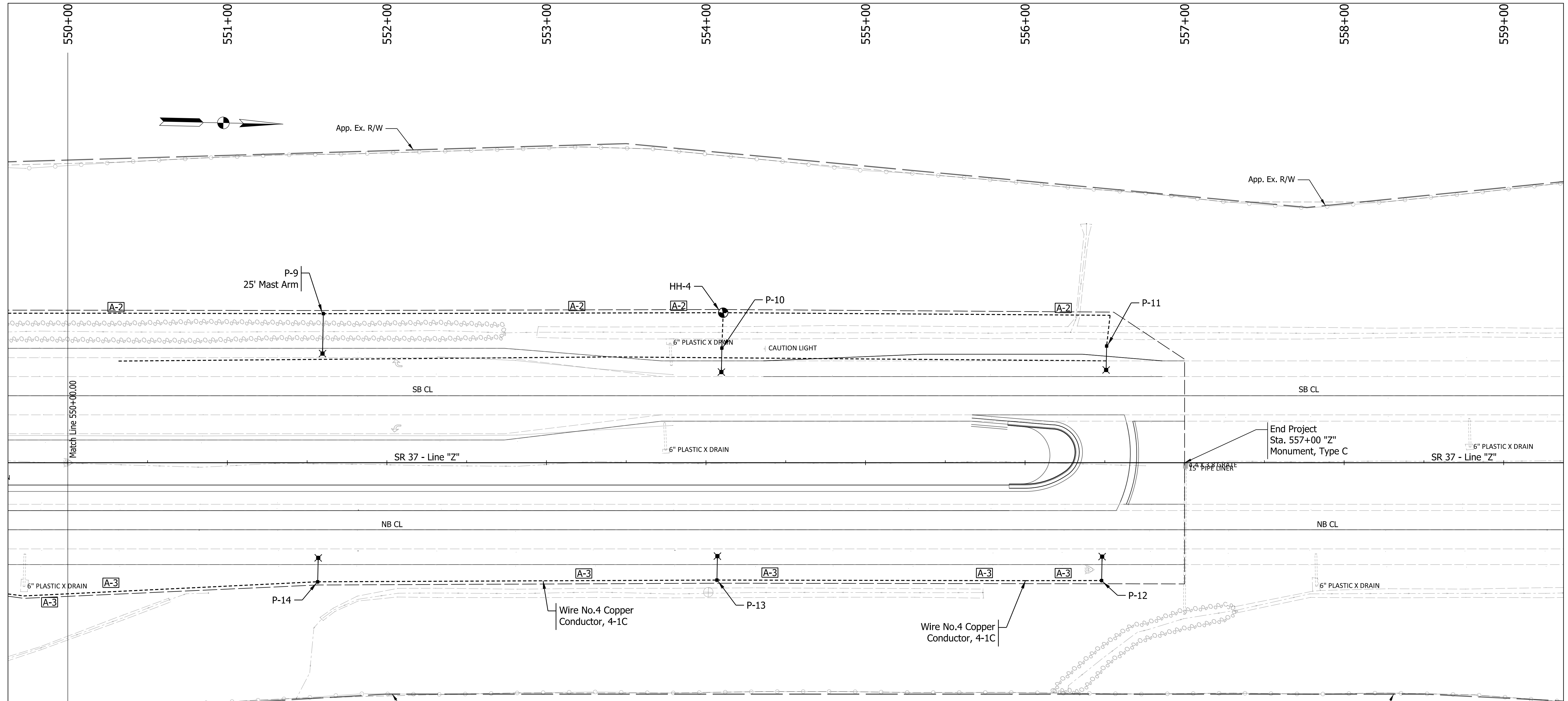


LEGEND


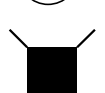
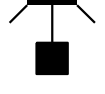


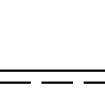
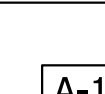
- Lighting Service Point II
- Light Pole, 40 Ft EMH with 15 & 20 Ft Mast Arm With Breakaway Transformer Base With GE Evolve ERL2_23C340 or equivalent Luminaire
- Lighting Handhole
- 4-IC No. 4 Copper Conductor in Plastic Duct in Trench
- 4-IC No. 4 Copper Conductor in Plastic Duct in 2" Galvanized Steel Conduit
- Circuit Number
- EX. Utility Under Ground Electric

NOTE: Service point will be located during field check.

1/10/2023 9:54 AM File: pw:\indot-pw.bentley.com:indot-pw-01\Documents\ Vincennes\1900255\Design\MS\SignSignal\Lighting\Sht Lighting Details_2.dgn Model: Default	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION LIGHTING DETAILS	SCALE 1" = 30'	BRIDGE FILE
	DESIGNED: NA 07/2022 DRAWN: NA 07/2022		DESIGNATION 1900255	
	CHECKED: PTP 07/2022 CHECKED: PTP 07/2022		SHEETS 22 of 48	
	CONTRACT R-42194		PROJECT 1900255005T6	



LEGEND

-  Lighting Service Point II
-  Light Pole, 40 Ft EMH with 15 & 20 Ft Mast Arm With Breakaway Transformer Base With GE Evolve ERL2_23C340 or equivalent Luminaire
-  Lighting Handhole
-  4-IC No. 4 Copper Conductor in Plastic Duct in Trench
-  4-IC No. 4 Copper Conductor in Plastic Duct in 2" Galvanized Steel Conduit
-  Circuit Number
-  EX. Utility Under Ground Electric

Note:
 All topographic information referenced from Line "Z".
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 Line "Z" to be constructed.

NOTE: Service point will be located during field check.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: NA	07/2022	DRAWN: NA 07/2022
CHECKED: PTP	07/2022	CHECKED: PTP 07/2022

**INDIANA
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 1900255
	SHEETS 23 of 48
CONTRACT R-42194	PROJECT 1900255005T6

Plot: 1/10/2023 9:55 AM

STRUCTURE DATA																																					
STRUCTURE NUMBER	LOCATION					PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL	REVISIONS	RIPRAP	GEOTEXTILE FOR RIPRAP, TYPE 1A	CONCRETE, CLASS A, FOR STR.	VIDEO INSPECTION PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			REMARKS								
	STATION	LEFT	CROSS	RIGHT	SIZE					COVER	UP STREAM	DOWN STREAM											YR	TYPE	CYS	TONS	SYS	CYS		LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.
10	544+60	X			18	2	Modified N12	100	0	2.96	643.79	642.79						9	20										Trenchless Install								
TOTALS																																					

PAVEMENT QUANTITIES AND APPROACH TABLE																																	
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	GRADE	EXCAVATION	HMA					SUBGRADE TREATMENT, TYPE 1C	COMPACTED AGGREGATE NO. 53	ASPHALT MATERIAL FOR		COMPACTED AGGREGATE FOR BASE NO. 53		JOINT ADHESIVE SURFACE	JOINT ADHESIVE INTERMEDIATE	LIQUID ASPHALT SEALANT	PCCP	D-1 CONTRACTION JOINT	CURB AND GUTTER, B, CONCRETE	CENTER CURB, D, CONCRETE	CURB, ISLAND CONCRETE	PAVEMENT REMOVAL	REMARKS							
						HMA FOR APPROACHES, TYPE B	QC/QA-HMA, 4, 70, SURFACE, 9.5 mm	QC/QA-HMA, 4, 70, INTERMEDIATE, 19.0 mm	QC/QA-HMA, 4, 64, BASE, 19.0 mm	QC/QA-HMA, 4, 76, INTERMEDIATE, OG, 19.0 mm			SYN	TON	SYN	TONS											DEPTH (IN)	4	10				
																														LBS/SYS	TONS	TONS	TONS
Sta. 533+50 to Sta. 557+00	Resurface	76	2350	2.02	3			42	1797									14100		14100									91	240	Washboard Rd. Approach		
Sta. 533+84 to Sta. 535+63	South Loon	14	179																														
Sta. 534+04 to Sta. 535+03	South Median U-Turn	30	99																														
Sta. 534+80 to Sta. 546+30	SB Left Turn and Slotted Left	16	1150																														
Sta. 542+90 to Sta. 544+80	Intersection	30	190			1573	1379																										
Sta. 541+40 to Sta. 555+90	NB Left Turn and Slotted Left	16	1450																														
Sta. 554+36 to Sta. 556+86	North Loon	14	250																														
Sta. 555+67 to Sta. 556+66	North Median U-Turn	30	99																														
TOTALS																																	

MONUMENT TABLE									
LINE	STATION	LT.	CL	RT.	TYPE				DESCRIPTION
					A	B	C	D	
Z	533+50		X				X		Begin Project
Z	546+71.66		X				X		Intersection
Z	557+00		X				X		End Project
TOTAL							12		

Plot: 1/10/2023 9:57 AM

RECOMMENDED FOR APPROVAL _____ DESIGNED: MRS Dec 2021 CHECKED: AKB Dec 2021	DESIGN ENGINEER _____ DATE _____ DRAWN: MRS Dec 2021 CHECKED: AKB Dec 2021	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE NA	BRIDGE FILE
		ROAD SUMMARY		DESIGNATION 1900255	
				SHEETS 24 of 48	
				CONTRACT R-42194	PROJECT 1900255005T6