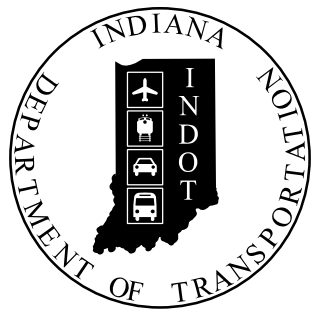


PROJECT	DESIGNATION
2100058	2100058
CONTRACT	
T-43690	

INDIANA DEPARTMENT OF TRANSPORTATION



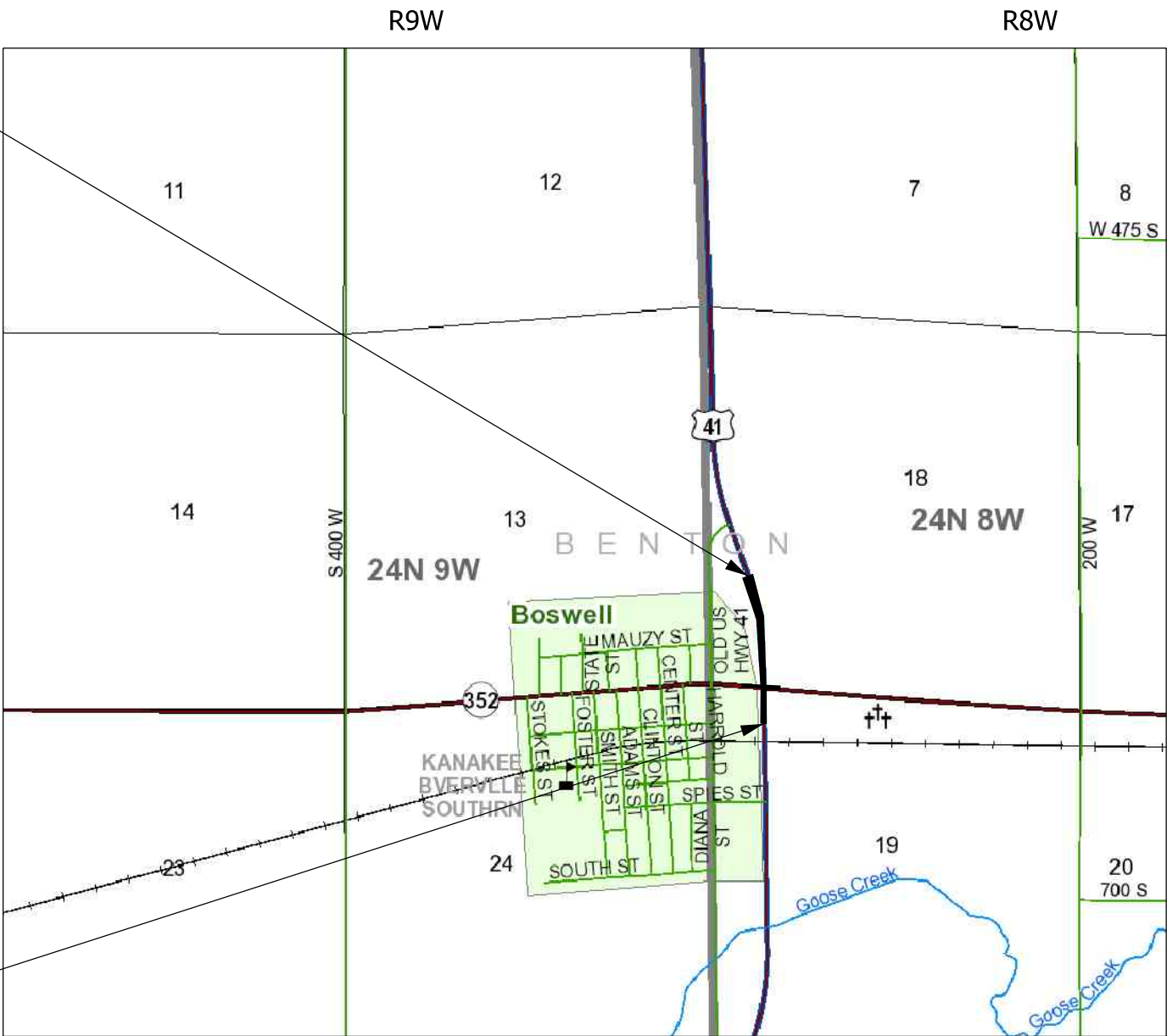
ROAD PLANS

ROUTE: US 41 FROM: RP 194+08 TO: RP 194+28
PROJECT NO. 2100058 P.E.

NO ADDITIONAL RIGHT OF WAY
REQUIRED FOR THIS PROJECT R/W
2100058 CONST.

US 41 & SR 352 Reduced Conflict Intersection
Located at the Intersection of US 41 & SR 352, 4.1 Miles North of SR 26
Section 18 & 19, T-24-N, R-8-W, Grant Township, Benton County, Indiana

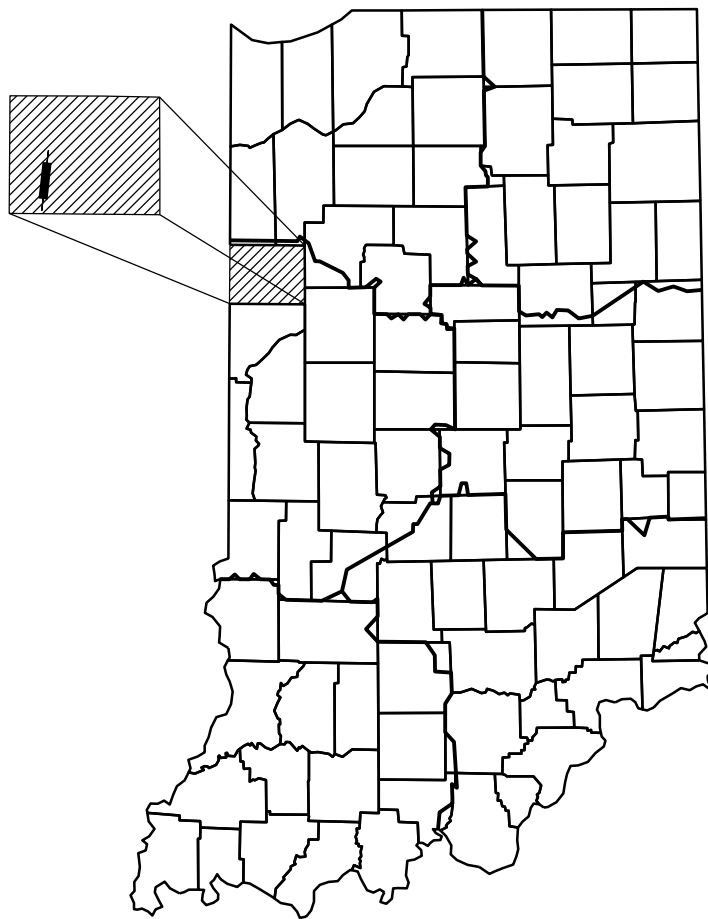
End Project 2100058
Sta. 1084+34.08 Line "A"



Begin Project 2100058
Sta. 1067+92.16 Line "A"

LOCATION MAP
BENTON COUNTY

TRAFFIC DATA	US 41	SR 352
A.A.D.T. (2026)	3,826 V.P.D.	1,737 V.P.D.
A.A.D.T. (2046)	4,546 V.P.D.	2,120 V.P.D.
D.H.V. (2046)	364 V.P.H.	212 V.P.H.
DIRECTIONAL DISTRIBUTION	51 %	57 %
TRUCKS	48 % A.A.D.T. 52 % D.H.V.	10 % A.A.D.T. 10 % D.H.V.
DESIGN DATA		
DESIGN SPEED	60 M.P.H.	50 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	MAJOR COLLECTOR
RURAL/URBAN	RURAL	RURAL
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE



PROJECT LOCATION SHOWN BY
BENTON COUNTY

LATITUDE: 40° 31' 16" N LONGITUDE: 87° 22' 34" W

GROSS LENGTH: 0.311 MI.
NET LENGTH: 0.311 MI.
MAX. GRADE: 0.20 %

PRELIMINARY PLANS
JANUARY 2025

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

Plans Prepared By:
fishbeck
Engineers | Architects | Scientists | Constructors

PLANS
PREPARED BY: (317) 577-9050
PHONE NUMBER
CERTIFIED BY: DATE
RECOMMENDED
FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

	DESIGNATION
	2100058
	SHEETS
1	of 37
CONTRACT	PROJECT
T-43690	2100058

UTILITIES

COMMUNICATIONS:
AT&T Distribution
1330 Lorain Ave
Cleveland, OH 44111
Designated Contact: David Blackwell
Phone Number: (216) 543-0256
g09871@att.com

SEWER, WATER:
Town of Boswell
PO Box 223
Boswell, IN 46504
Designated Contact: Jim Turner
Phone Number: (765) 366-5454
wwtp@townofboswell.com

ELECTRIC, GAS:
NIPSCO Electric and Gas
801 East 86th Avenue
Merrillville, IN 46410
Designated Contact: Richard Morgan (Electric)
Zachary Prim (Gas)
Phone Number: (219) 647-6260
utilitycoordination@nisource.com



**Know what's below.
Call before you dig.**

INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

GENERAL NOTES

1. THE DESIGN CONSULTANT DOES NOT WARRANT THE ACCURACY OF THIS DATA AND ADVISES THE CONTRACTOR TO FIELD VERIFY ALL HORIZONTAL AND VERTICAL INFORMATION. WHERE PROPOSED WORK IS TO BE FITTED TO EXISTING WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, REPORT ANY ERRORS OR DISCREPANCIES TO THE ENGINEER, AND ASSUME RESPONSIBILITY FOR THE CORRECTNESS AND THE FIT OF THE PROPOSED TO THE EXISTING.
2. ALL UTILITIES ARE DEPICTED AS QUALITY LEVEL C, OR AS OTHERWISE NOTED.
3. ALL EARTH SHOULDERS, MEDIAN AREAS, CUT AND FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED WITH SEED MIXTURE, R, EXCEPT WHERE RIPRAP OR OTHER GROUND COVER IS SPECIFIED.

INDEX	
SHEET NO.	DRAWINGS INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3	TYPICAL CROSS SECTIONS
4	TYPICAL SECTION DETAILS
5-6	TYPICAL CROSS SECTIONS - MAINTENANCE OF TRAFFIC
7-14	MAINTENANCE OF TRAFFIC (MOT) DETAILS
15-16	PLAN AND PROFILE
17	SUPER ELEVATION DETAILS
18-19	SPOT ELEVATION DETAILS
20	TEMPORARY EROSION CONTROL
21-22	LIGHTING DETAILS
23	PAVEMENT MARKING & SIGNING DETAILS
24	SHEET SIGN AND POST SUMMARY TABLE
25	PAVEMENT QUANTITIES AND APPROACH TABLE
26	STRUCTURE DATA TABLE
27-37	CROSS SECTIONS

[illegible]

NORTH: 138716.2650'
EAST: 765676.9390'

CR 700S

PK NAIL AT WOOD POST
81.75'

U.S. 41

FACE CHAIN LINK POST
85.66'

HTP #500 6" CAST IRON

NORTH: 144098.0860'
EAST: 765597.7880'

CORNER OF BUILDING
78.56'

SR 352

NE CORNER OF BUILDING
84.80'

U.S. 41

"X" CUT IN WEST RIM DE MANHOLE
33.56'

HTP PT#501 SET RR SPIKE

NORTH: 143°04.5820'
EAST: 77°0802.1810'

SR 352

CR 200W

PK NAIL AT
15' CEDAR
57.74'

PK NAIL AT
WOOD POST
37.49'

HTP #503 PK NAIL

NORTH: 149370.0929'
EAST: 765505.7019'

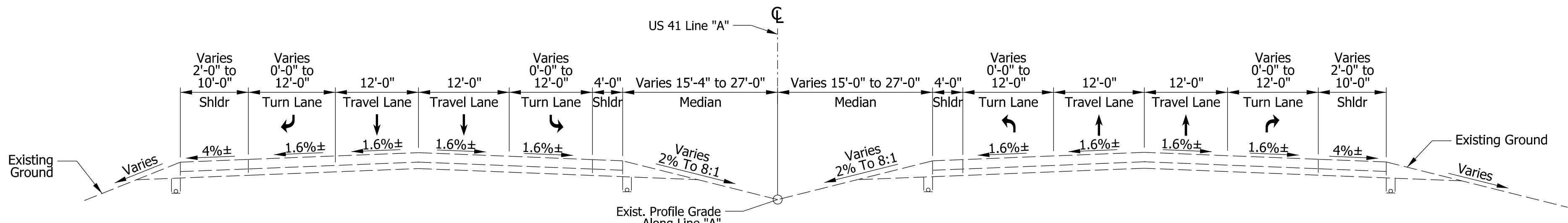
IRON PIPE 25.15'

IRON PIPE 24.10'

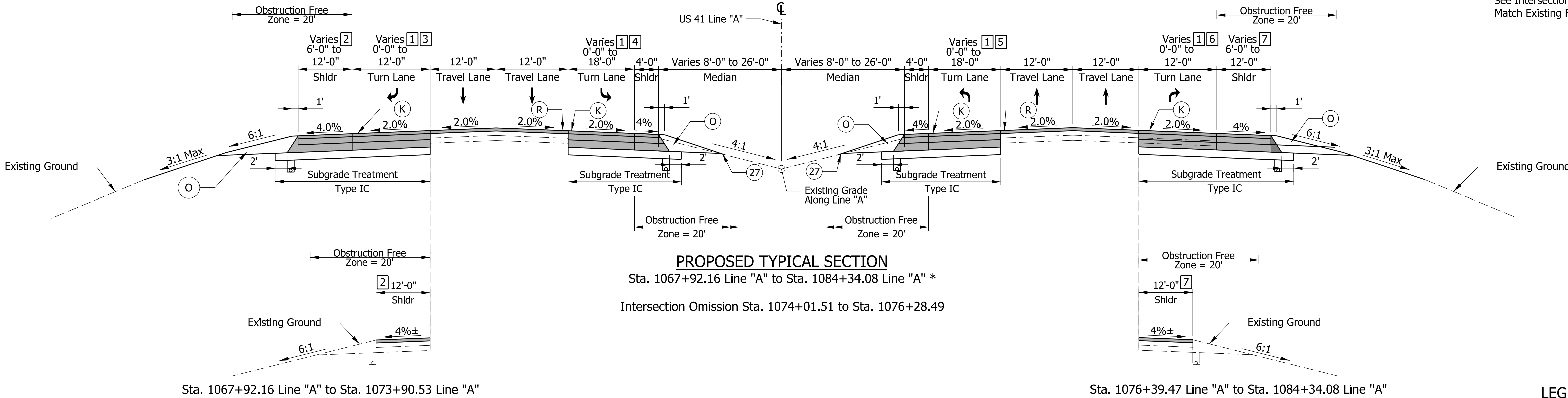
IRON PIPE 23.88'

U.S. 41

HTP #508 BRASS PIN



EXISTING TYPICAL SECTION
Sta. 1067+92.16 Line "A" to Sta. 1084+34.08 Line "A"
Intersection Omission Sta. 1074+90.45 to Sta. 1075+41.34



PROPOSED TYPICAL SECTION
Sta. 1067+92.16 Line "A" to Sta. 1084+34.08 Line "A" *
Intersection Omission Sta. 1074+01.51 to Sta. 1076+28.49

- 1 Match and perpetuate slope of adjacent travel lane
Sta 1076+00.00 to 1084+34.08
- 2 Match Existing From Sta 1067+92.16 to Sta 1073+90.53
See Intersection Details From Sta 1073+90.53 to Sta 1076+03.71
6' From Sta 1076+03.71 to 6' at Sta 1083+34.08
6' From Sta 1083+32.64 to 12' at Sta 1083+84.08
12' From Sta 1083+84.08 to 12' at Sta 1084+34.08
- 3 0' From Sta 1067+92.16 to 0' at Sta 1073+90.53
See Intersection Details From Sta 1073+90.53 to Sta 1076+03.71
12' From Sta 1076+03.71 to 12' at Sta 1083+34.08
12' From Sta 1083+34.08 to 0' at Sta 1084+34.08
- 4 0' From Sta 1067+92.16 to 0' at Sta 1069+12.21
12' From Sta 1069+12.21 to 12' at Sta 1074+01.27
12' From Sta 1074+01.27 to 0' at Sta 1075+01.27
See Intersection Details From Sta 1075+01.27 to Sta 1075+96.08
18' From Sta 1075+96.08 to 18' at Sta 1082+10.47
18' From Sta 1082+10.47 to 0' at Sta 1083+10.47
0' From Sta 1083+10.47 to 0' at Sta 1084+34.08
- 5 0' From Sta 1067+92.16 to 0' at Sta 1069+12.50
0' From Sta 1069+86.93 to 18' at Sta 1070+88.57
18' From Sta 1070+88.57 to 18' at Sta 1074+33.92
See Intersection Details From Sta 1074+33.92 to Sta 1075+28.73
0' From Sta 1075+28.73 to 12' at Sta 1076+28.73
12' From Sta 1076+28.73 to 12' at Sta 1083+13.41
0' From Sta 1083+13.41 to 0' at Sta 1084+34.08
- 6 0' From Sta 1067+92.16 to 12' at Sta 1068+92.16
12' From Sta 1068+92.16 to 12' at Sta 1074+26.29
See Intersection Details From Sta 1074+26.29 to Sta 1076+39.47
0' From Sta 1076+39.47 to 0' at Sta 1084+34.08
- 7 12' From Sta 1067+92.16 to 12' at Sta 1068+42.16
12' From Sta 1068+42.16 to 6' at Sta 1068+92.16
6' From Sta 1068+92.16 to 6' at Sta 1074+26.29
See Intersection Details From Sta 1074+26.29 to Sta 1076+39.47
Match Existing From Sta 1076+39.47 to Sta 1084+34.08

- LEGEND**
- (K) 220 lb/syd QC/QA HMA, 3, 76, Surface, 9.5 mm, on
275 lb/syd QC/QA HMA, 3, 76, Intermediate, 19.0 mm, on
385 lb/syd QC/QA HMA, 3, 64, Base, 25.0 mm, on
440 lb/syd QC/QA HMA, 3, 64, Base, 25.0 mm, on
6 in. Compacted Aggregate No. 53, on
Subgrade Treatment, Type IC
 - (O) 6-in Compacted Aggregate, No. 73
 - (27) Mulched Seeding R
 - (R) 220 lb/syd QC/QA HMA, 3, 76, Surface, 9.5 mm, on
Min. 275 lb/syd QC/QA HMA, 3, 76, Intermediate, 19.0 mm,
(Variable Depth for Slope Correction), on
Milling, Asphalt, 3 in.

* Notes: See Spot Elevation Details for U-Turn and Median Left-Turn Information.
See Superelevation Details for Sta. 1076+56 Line "A" to north end of project.

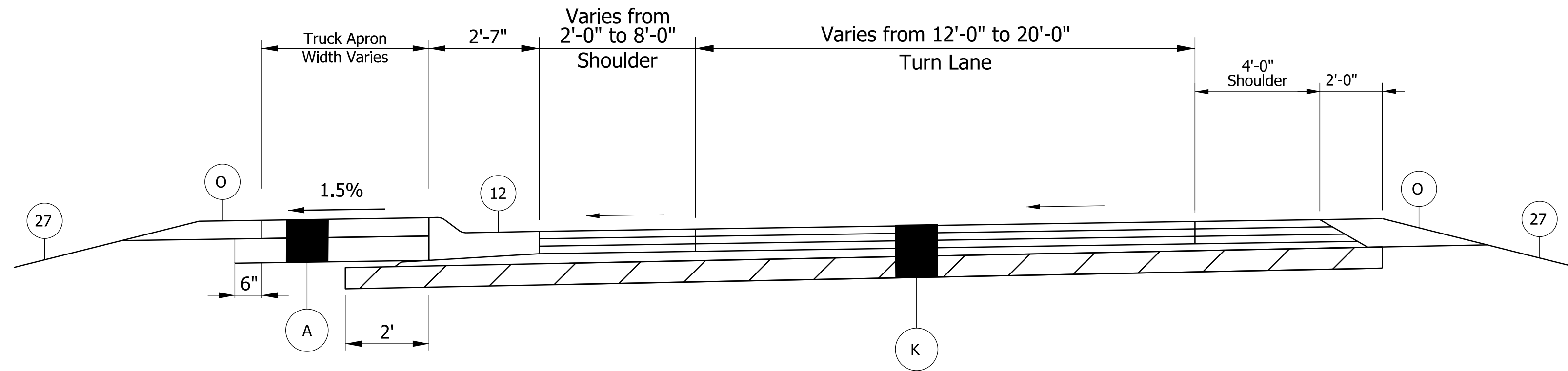
Plot: 1/22/2025 12:24 PM

File: \$FILES
Model:RD_Detail Sheet -01

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: SJP	07/26/2023	DRAWN: SJP		07/26/2023	
CHECKED: BBV	07/26/2023	CHECKED: BBV		07/26/2023	

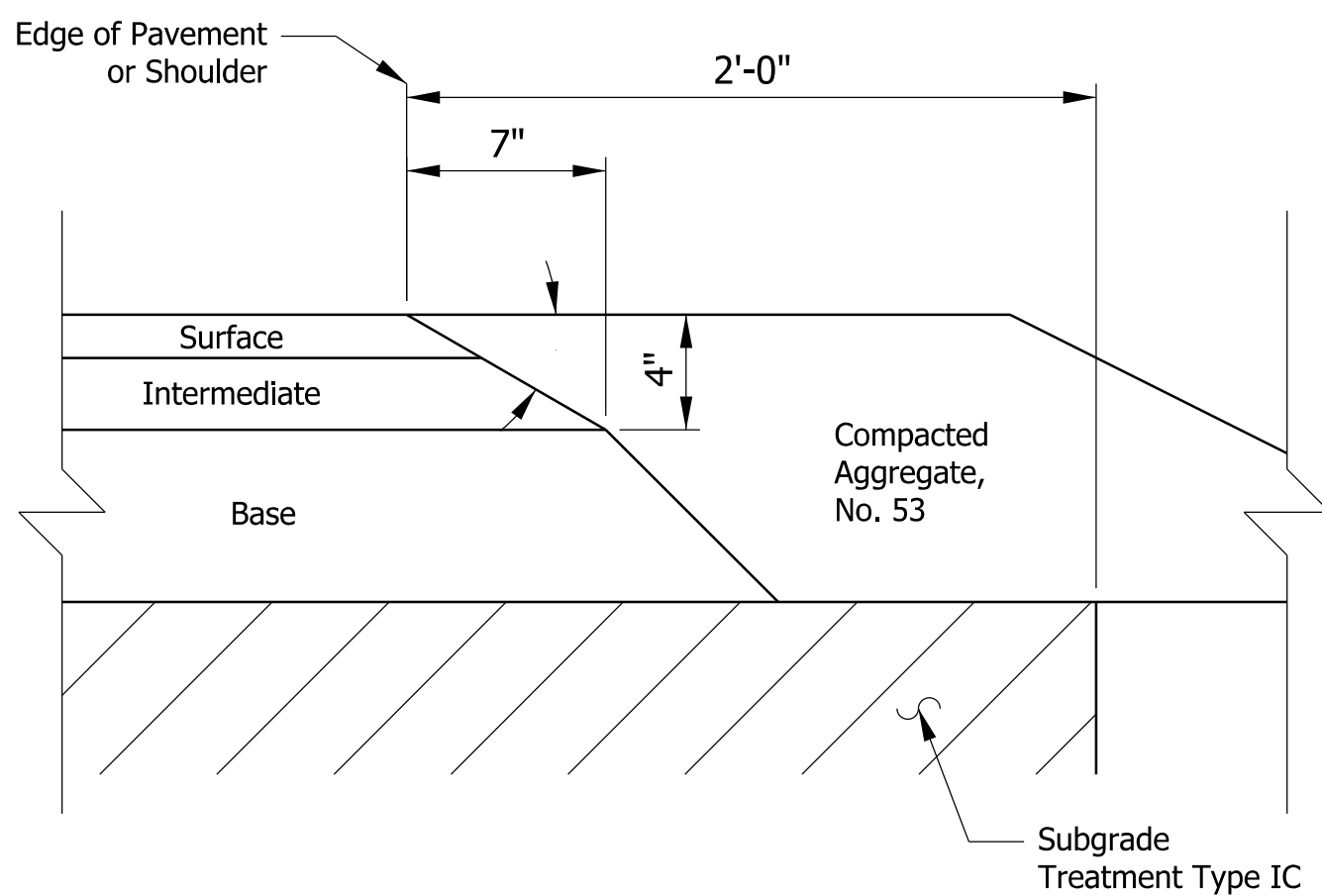
INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTIONS	

SCALE 3/32" = 1'-0"		BRIDGE FILE \$BRIDGE_FILES\$	
		DESIGNATION 2100058	
		SHEETS 3 of 37	
CONTRACT T-43690		PROJECT 2100058	

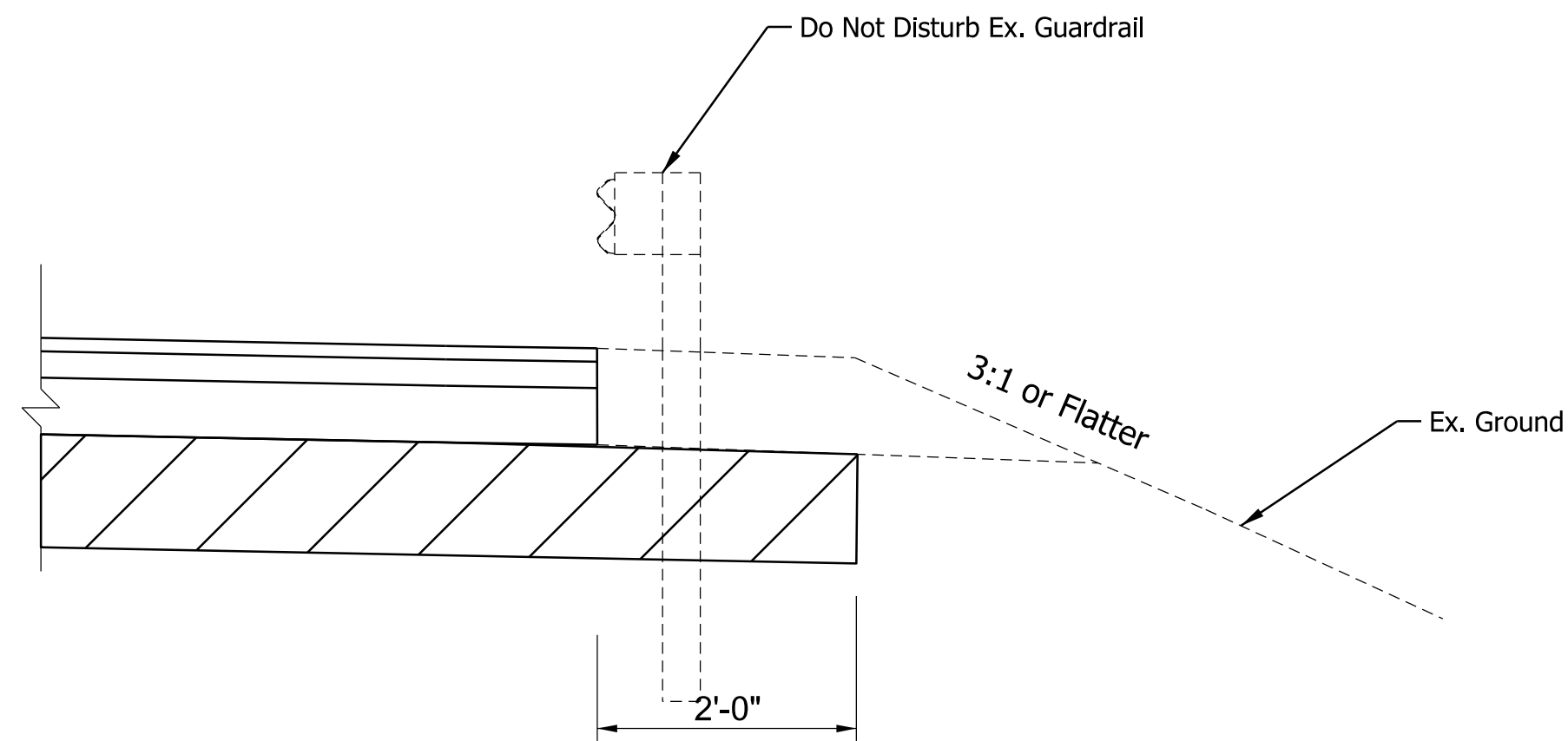


Median U-Turn Detail
See Construction Details
for Variable Width Values & Spot Elevations

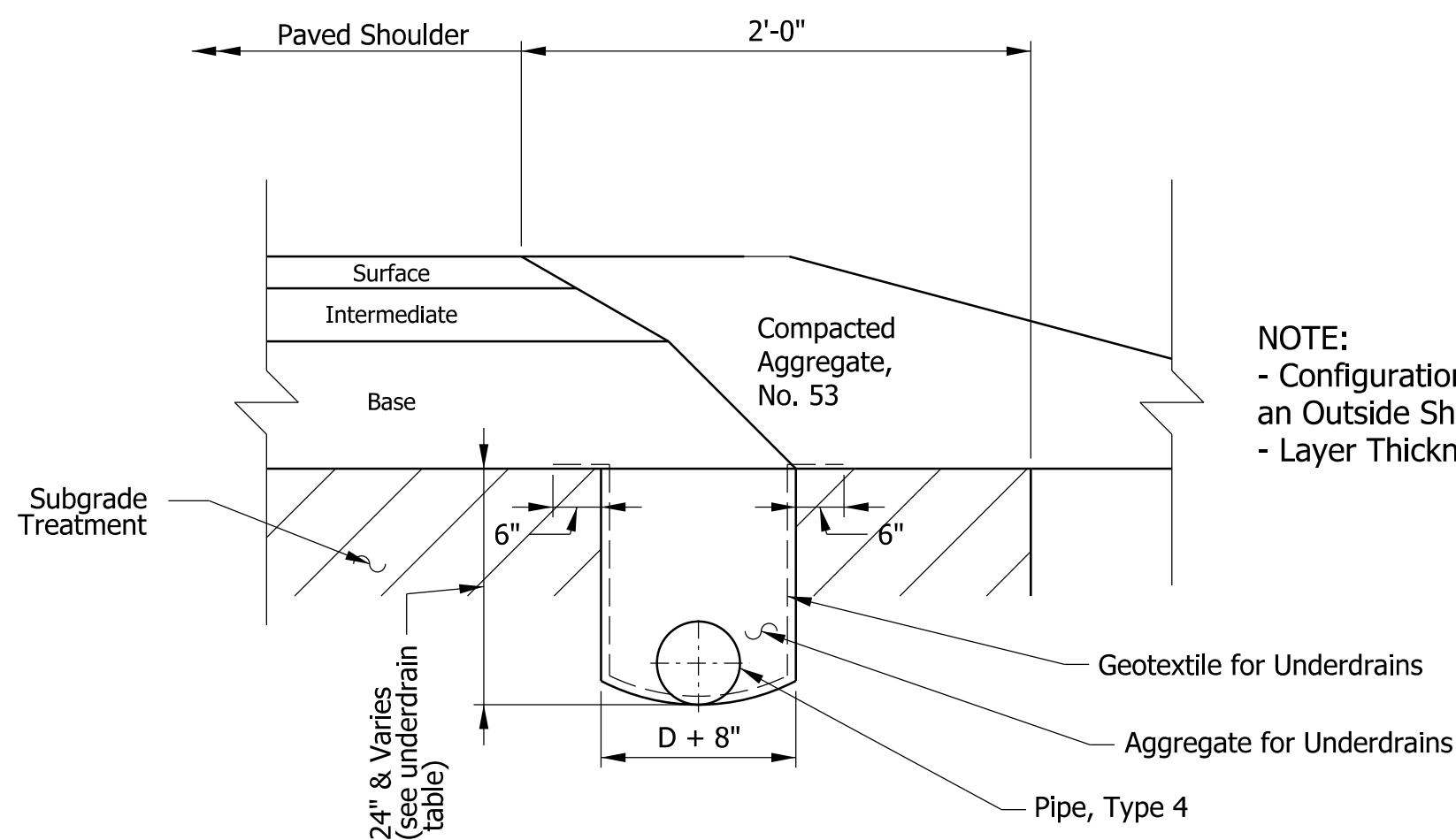
- LEGEND**
- (A) 8 in. PCCP (Colored), on
13 in. Compacted Aggregate No. 53
Subgrade Treatment, Type IBC
 - (K) 220 lb/syd QC/QA HMA, 3, 76, Surface, 9.5 mm, on
275 lb/syd QC/QA HMA, 3, 76, Intermediate, 19.0 mm, on
385 lb/syd QC/QA HMA, 3, 64, Base, 25.0 mm, on
440 lb/syd QC/QA HMA, 3, 64, Base, 25.0 mm, on
6 in. Compacted Aggregate No. 53, on
Subgrade Treatment, Type IC
 - (O) Variable Depth Compacted Aggregate, No 53
 - (R) 165 lb/syd QC/QA HMA, Surface, on
Min. 275 lb/syd QC/QA-HMA, Intermediate
(Variable Depth for Slope Correction), on
Milling, Asphalt, 3 in.
 - (12) Curb and Gutter, B, Concrete
 - (22) Curb, Island Concrete
 - (27) Mulched Seeding R
 - Subgrade Treatment Type IC



Safety Edge Detail

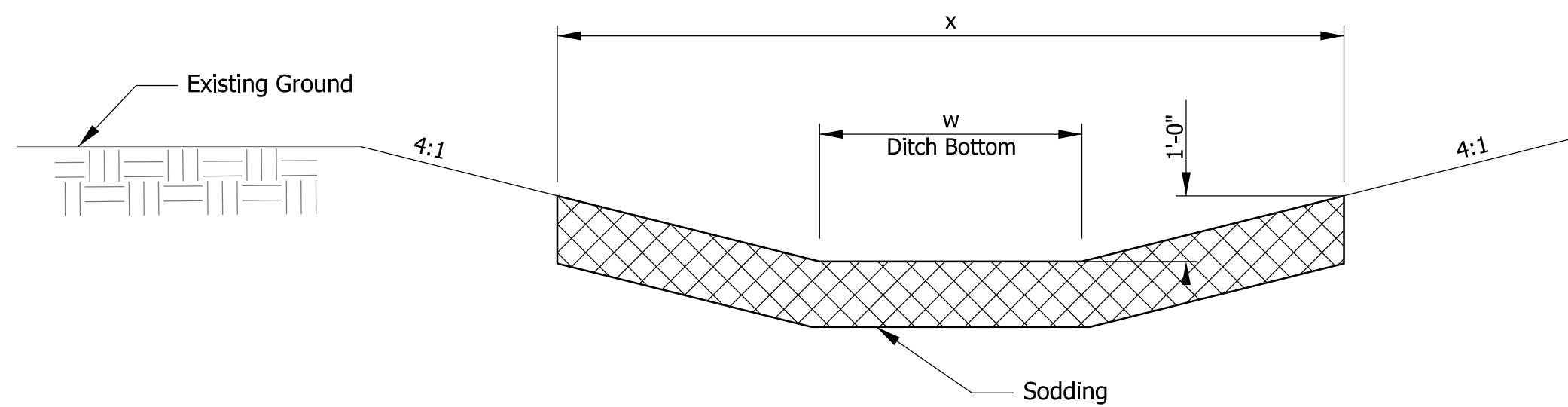


Guardrail Detail



Underdrain Detail
(Pending Final Pavement Design)

NOTE:
- Configuration For Median Shoulder is The Same as For
an Outside Shoulder
- Layer Thicknesses Are Not to Scale.



Ditch Detail
V-Ditch: w=0, x=8 ft
4-ft Flat Bottom: w = 4 ft, x = 12 ft

Plot: 1/22/2025 12:24 PM

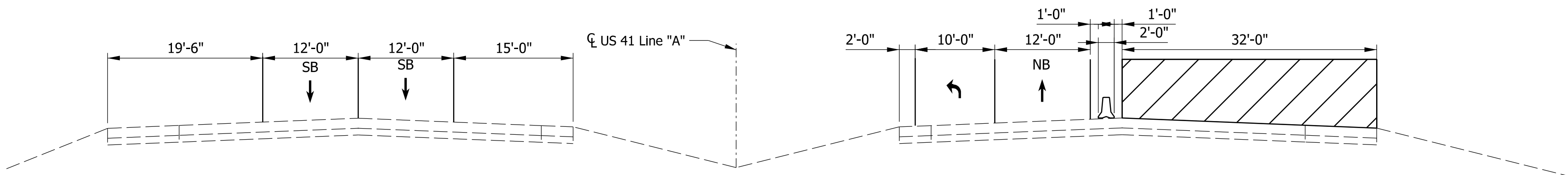
File: \$FILES
Model:RD_Detail Sheet 2

RECOMMENDED FOR APPROVAL	<i>ENG SIGNATURES</i>	\$SIG_DT\$ DATE
DESIGNED: \$DESBY\$	\$DES_DT\$	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	\$DESCHK_DT\$	CHECKED: \$DWNCHKBY\$

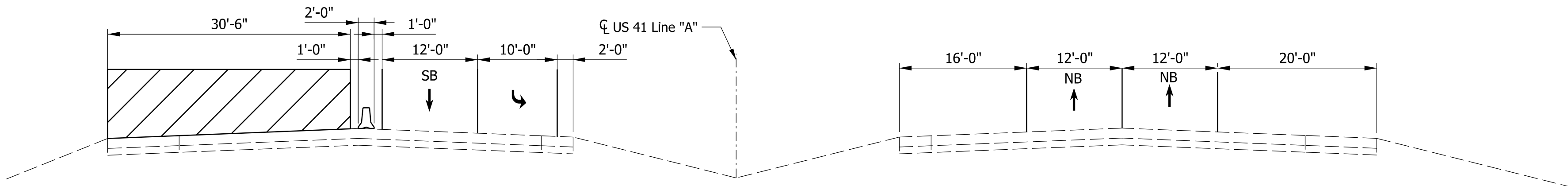
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION DETAILS

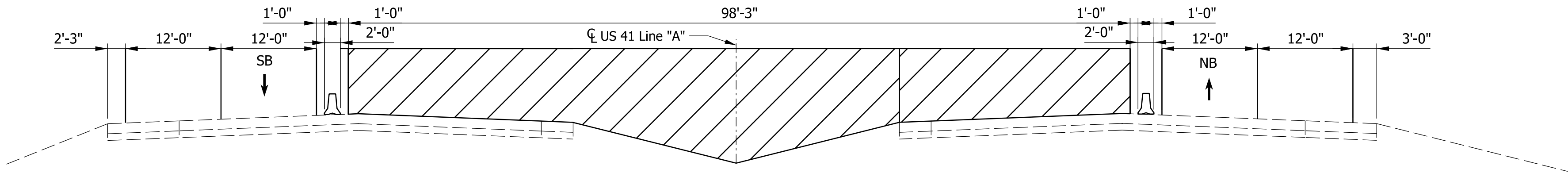
SCALE	BRIDGE FILE
NTS	\$BRIDGE_FILE\$
	DESIGNATION
	\$DES_NO\$
	SHEETS
	4 of 37
CONTRACT	PROJECT
\$CON_NO\$	\$PROJ_NO\$



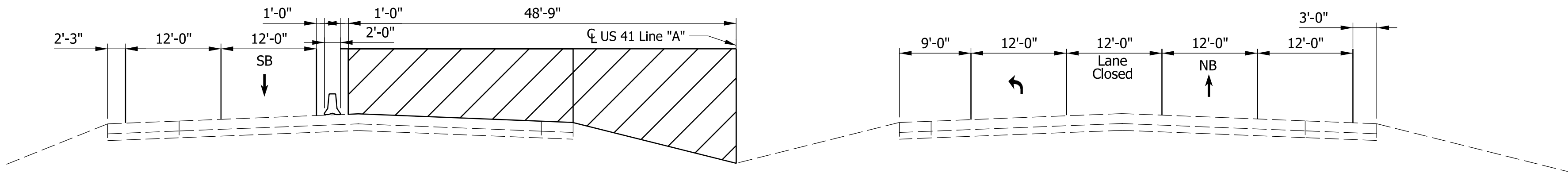
PHASE 1 MOT TYPICAL SECTION
Sta. 1067+92.00 to Sta. 1070+26.00



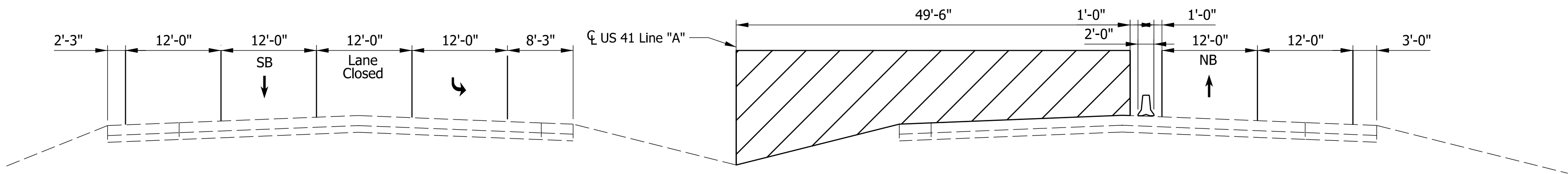
PHASE 1 MOT TYPICAL SECTION
Sta. 1076+18.00 to Sta. 1084+34.00



PHASE 2 MOT TYPICAL SECTION
Sta. 1067+92.00 to Sta. 1069+51.00
Sta. 1082+99.00 to Sta. 1084+34.00

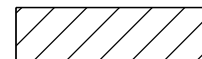


PHASE 2 MOT TYPICAL SECTION
Sta. 1069+51.00 to Sta. 1073+61.00



PHASE 2 MOT TYPICAL SECTION
Sta. 1076+71.00 to Sta. 1082+99.00

LEGEND

 Construction Work Zone

\$STAGE\$
\$DATE\$

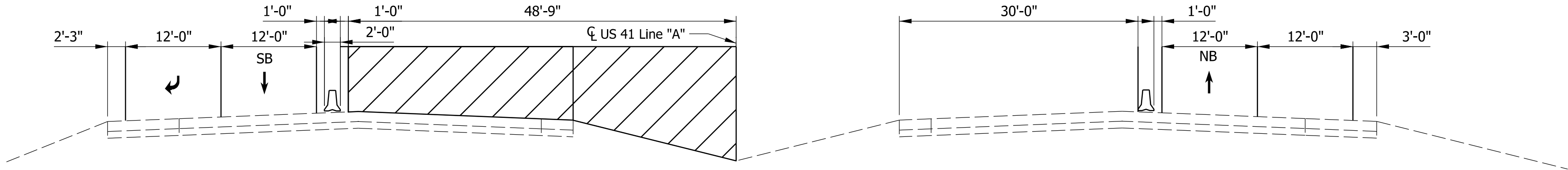
RECOMMENDED
FOR APPROVAL _____ \$SIG_DT\$
DESIGN ENGINEER DATE

DESIGNED: \$DESBY\$ \$DES_DT\$ DRAWN: \$DWNBY\$ \$DWN_DT\$
CHECKED: \$DESCHKBY\$ \$DESCHKBY_DATE\$ CHECKED: \$DWNCHKBY\$ \$DWNCHKBY_DATE\$

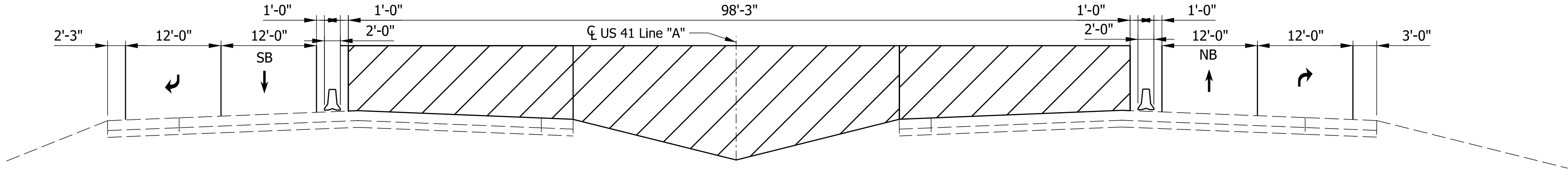
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
MAINTENANCE OF TRAFFIC

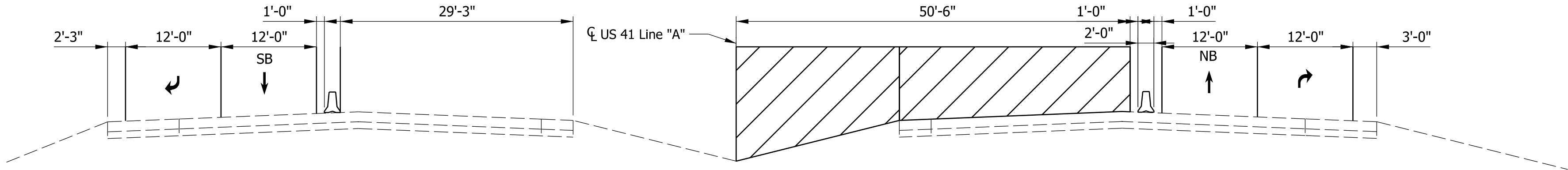
SCALE	BRIDGE FILE
3/32" = 1'-0"	\$BRIDGE_FILE\$
	DESIGNATION
	\$DES_NO\$
	SHEETS
	5 of 37
CONTRACT	PROJECT
\$CON_NO\$	\$PROJ_NO\$



PHASE 3 MOT TYPICAL SECTION
Sta. 1069+92.00 to Sta. 1073+61.00



PHASE 3 MOT TYPICAL SECTION
Sta. 1073+61.00 to Sta. 1076+71.00



PHASE 3 MOT TYPICAL SECTION
Sta. 1076+71.00 to Sta. 1082+99.00

LEGEND

 Construction Work Zone

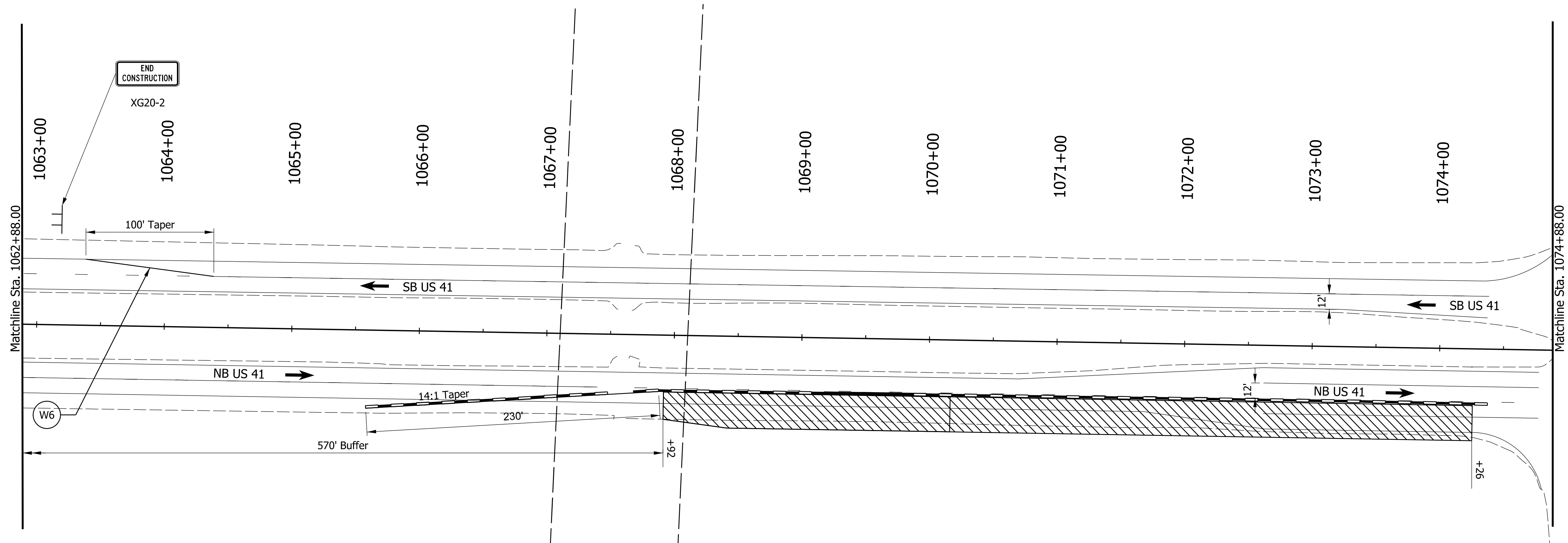
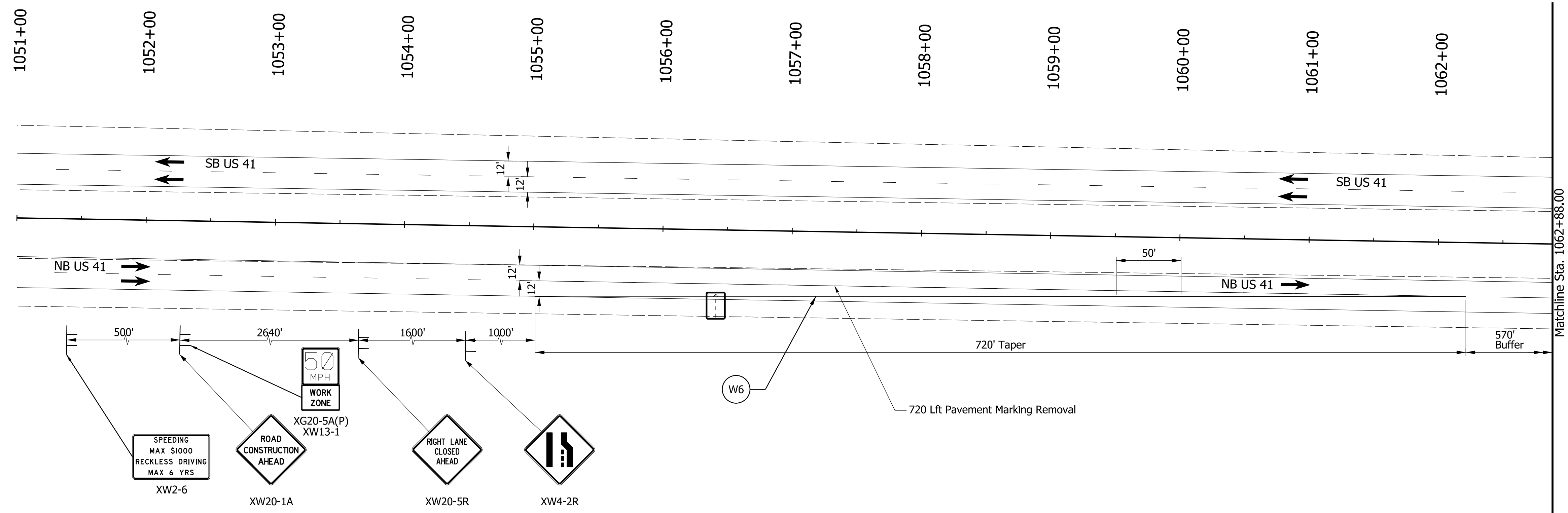
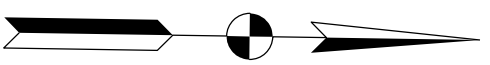
\$STAGE\$
\$DATE\$

RECOMMENDED FOR APPROVAL		\$SIG_DT\$ DATE	
DESIGNED: \$DESBY\$		\$DES_DT\$	
DRAWN: \$DWNBY\$		\$DWN_DT\$	
CHECKED: \$DESCHKBY\$		\$DESCHK_DT\$	
DRAWN: \$DWNCHKBY\$		\$DWNCHK_DT\$	

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
MAINTENANCE OF TRAFFIC

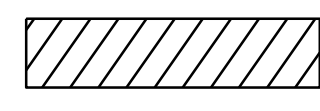
SCALE	BRIDGE FILE
3/32" = 1'-0"	\$BRIDGE_FILE\$
	DESIGNATION
	\$DES_NO\$
	SHEETS
	6 of 37
CONTRACT	PROJECT
\$CON_NO\$	\$PROJ_NO\$



NOTES:
1. Construction Zone Design Speed is 50 MPH.

LEGEND

- Construction Sign
- Lane Direction
- Channelizing Device



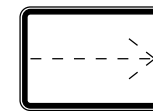
Construction Work Zone



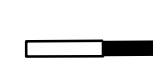
Temporary Pavement Marking, Removable, Yellow 6"



Temporary Pavement Marking, Removable, White 6"



Flashing Arrow Sign



Temporary Traffic Barrier



Line, Remove

RECOMMENDED FOR APPROVAL _____ 7/2023
DESIGN ENGINEER DATE

DESIGNED: NK DRAWN: NK

CHECKED: BBV CHECKED: BBV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT PLANS - PHASE 1
STA. 1049+88 TO STA. 1074+88

SCALE
1"=50'

BRIDGE FILE
N/A

DESIGNATION
2100058

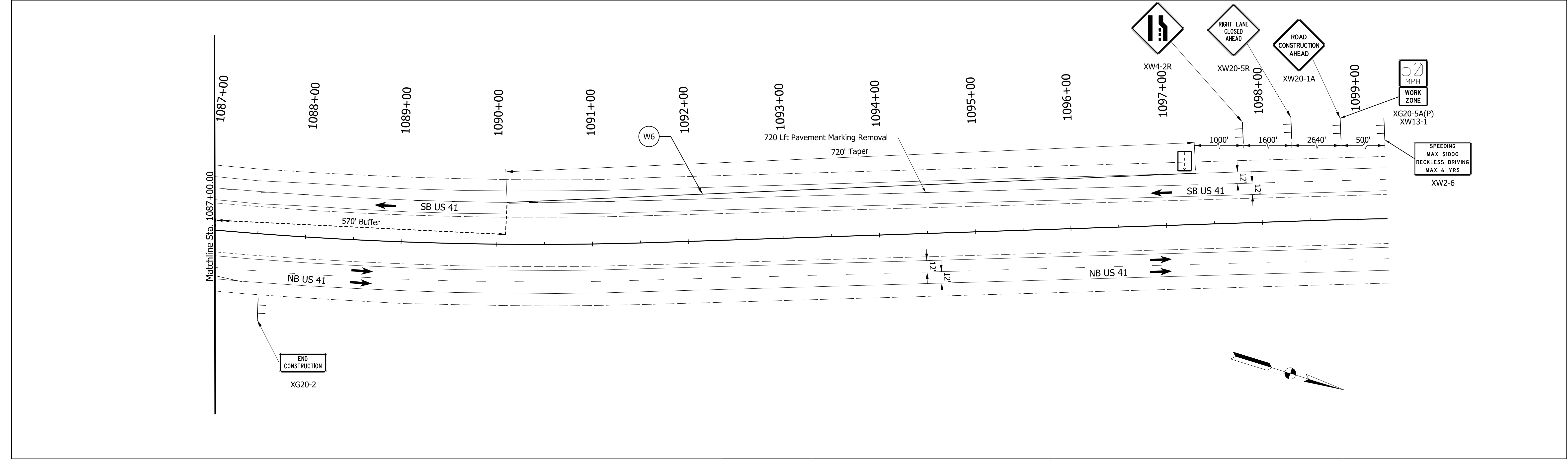
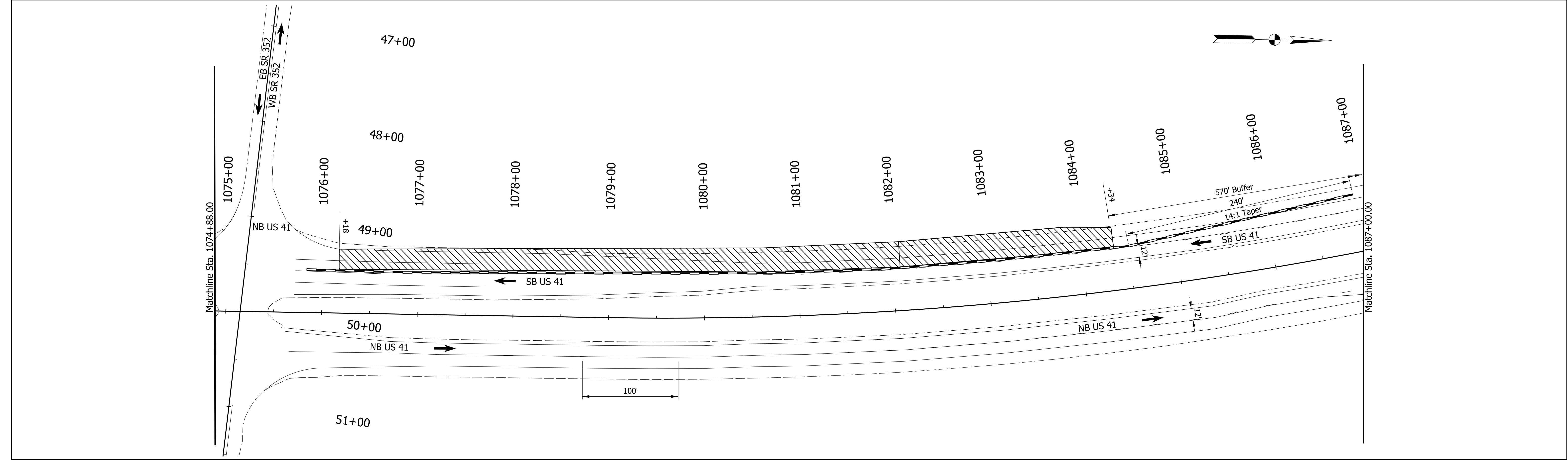
SHEETS
7 of 37

CONTRACT
T-43690

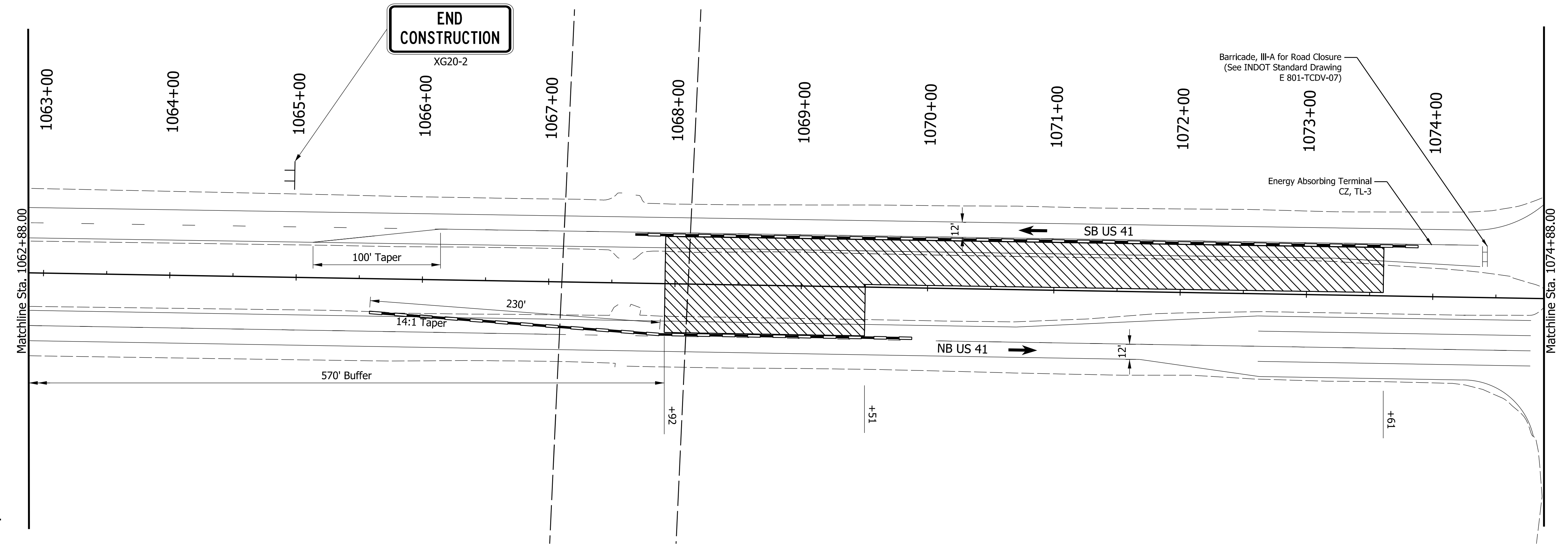
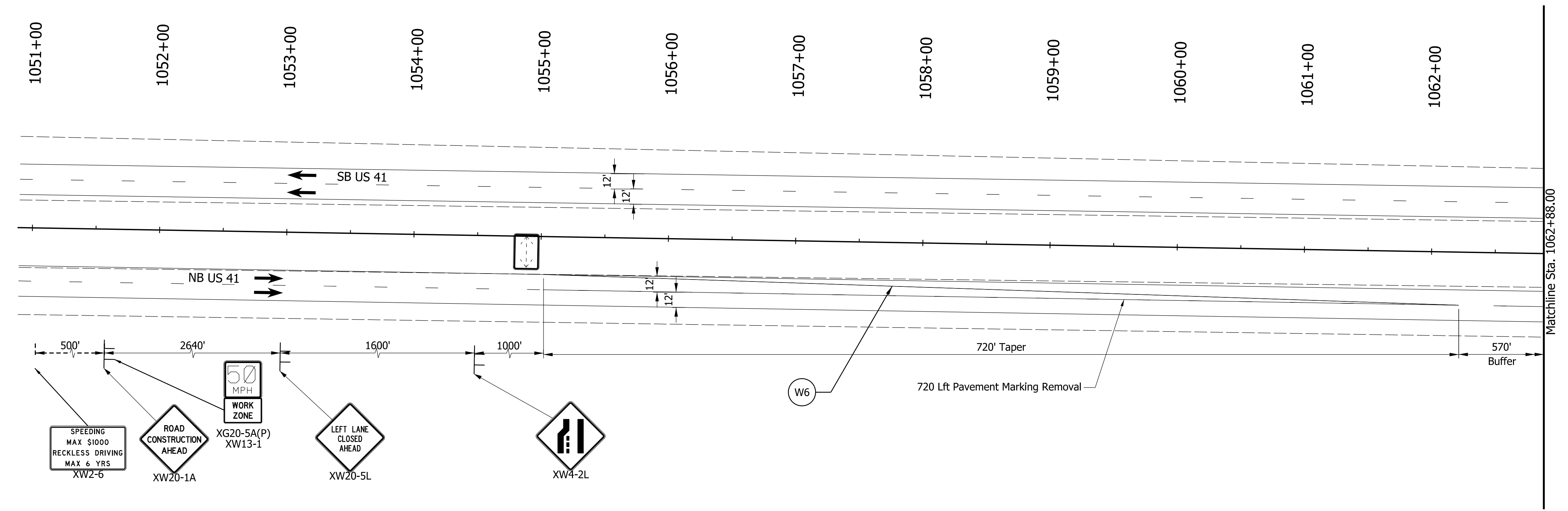
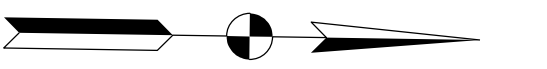
PROJECT
2100058

Plot: 1/22/2025

File: 221641 Sht MOT 001.dgn
Model: MOT PHASE 1-1



Plot: 1/22/2025	LEGEND Construction Sign Lane Direction Channelizing Device Construction Work Zone Temporary Pavement Marking, Removable, Yellow 6" Temporary Pavement Marking, Removable, White 6" Flashing Arrow Sign Temporary Traffic Barrier Line, Remove		RECOMMENDED FOR APPROVAL DESIGN ENGINEER 7/2023 DATE	INDIANA DEPARTMENT OF TRANSPORTATION MOT PLANS - PHASE 1 STA. 1074+88 TO STA. 1099+20	SCALE 1"=50'	BRIDGE FILE N/A DESIGNATION 2100058	SHEETS 8 of 37 PROJECT 2100058



NOTES:
1. Construction Zone Design Speed is 55 MPH.

LEGEND

- | | | | | | |
|--|---------------------|--|--|--|---------------------------|
| | Construction Sign | | Construction Work Zone | | Flashing Arrow Sign |
| | Lane Direction | | Temporary Pavement Marking, Removable, Yellow 6" | | Temporary Traffic Barrier |
| | Channelizing Device | | Temporary Pavement Marking, Removable, White 6" | | Line, Remove |

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		7/2023 DATE	
DESIGNED: NK		DRAWN: NK			
CHECKED: BBV		CHECKED: BBV			

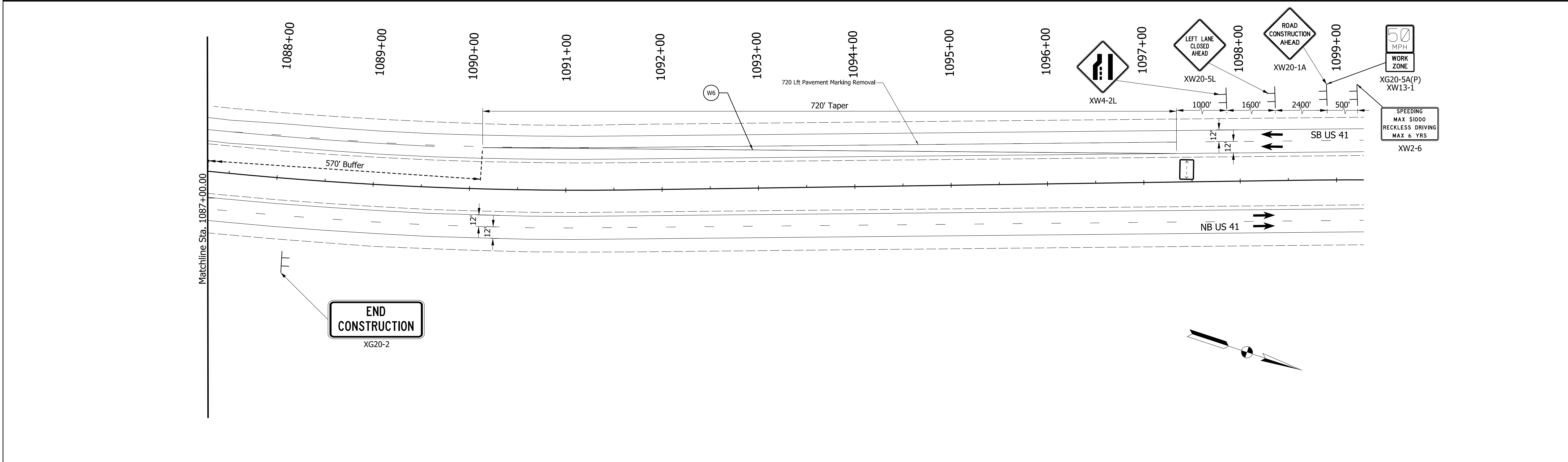
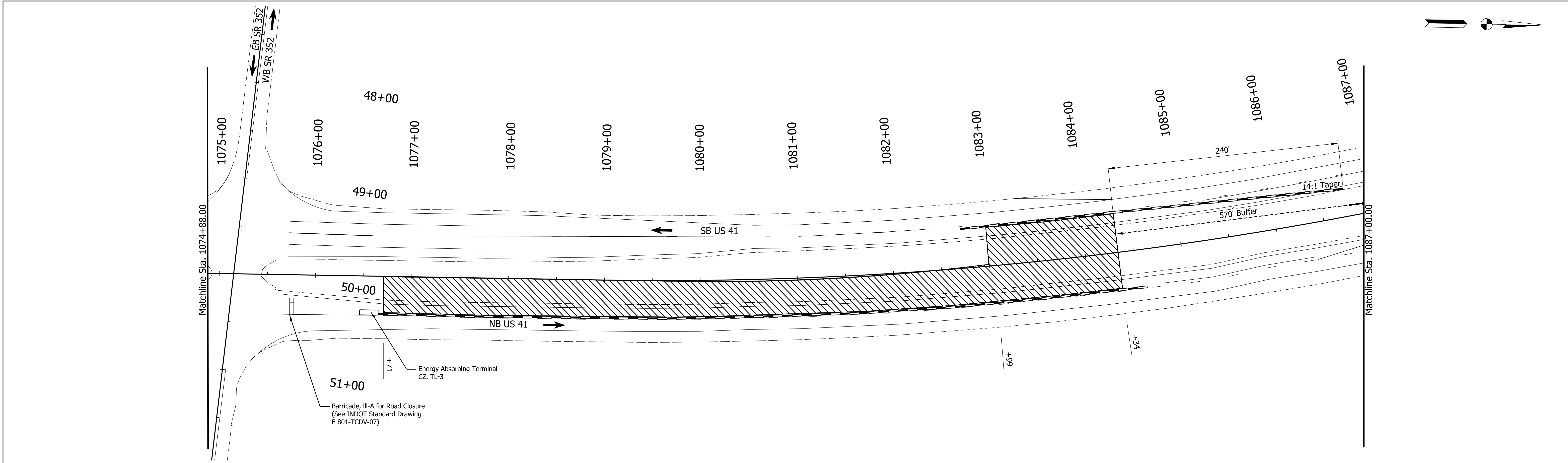
INDIANA
DEPARTMENT OF TRANSPORTATION

MOT PLANS - PHASE 2
STA. 1049+88 TO STA. 1074+88

SCALE 1"=50'		BRIDGE FILE N/A	
		DESIGNATION 2100058	
		SHEETS 9 of 37	
CONTRACT T-43690		PROJECT 2100058	

Plot: 1/22/2025

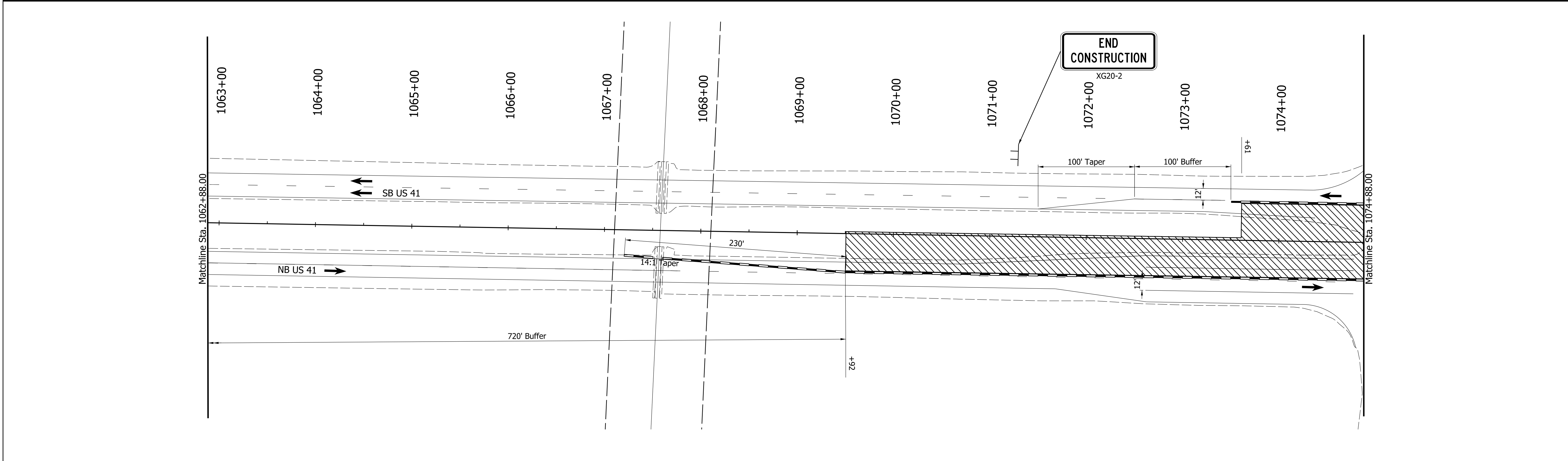
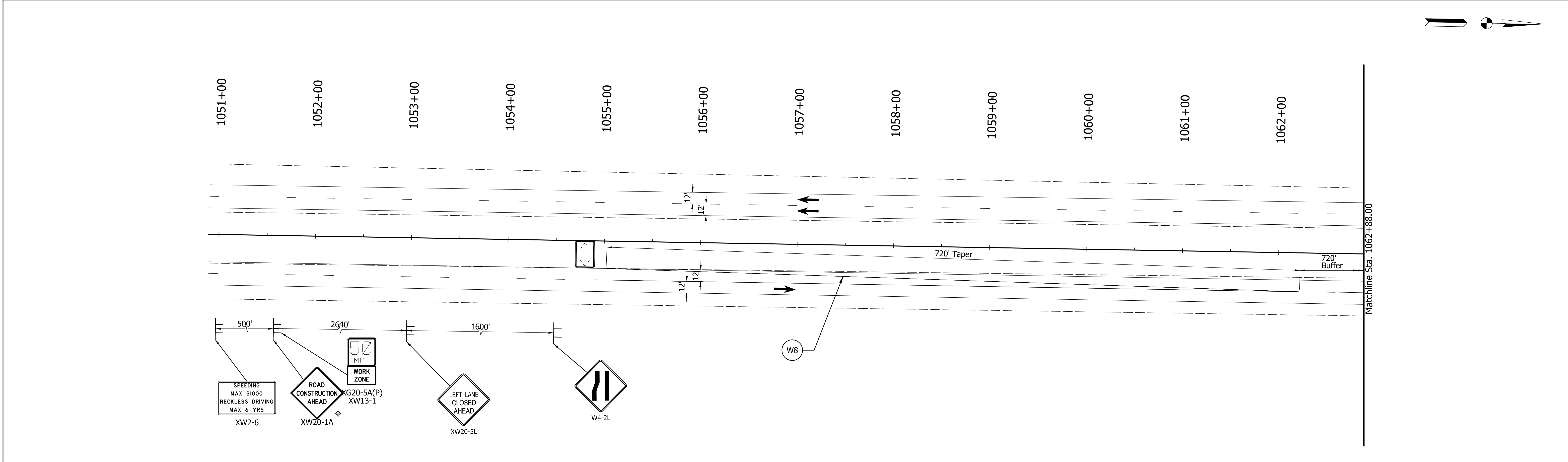
File: 221641 Sht MOT 002.dgn
Model: MOT PHASE 2-1



LEGEND Construction Sign Lane Direction Channelizing Device Construction Work Zone Y6 Temporary Pavement Marking, Removable, Yellow 6" W6 Temporary Pavement Marking, Removable, White 6" Flashing Arrow Sign Temporary Traffic Barrier Line, Remove RECOMMENDED FOR APPROVAL DESIGN ENGINEER 7/2023 DATE DESIGNED: NK DRAWN: NK CHECKED: BBV CHECKED: BBV INDIANA DEPARTMENT OF TRANSPORTATION MOT PLANS - PHASE 2 STA. 1074+88 TO STA. 1099+20 SCALE 1"=50' BRIDGE FILE N/A DESIGNATION 2100058 SHEETS 10 of 37 CONTRACT T-43690 PROJECT 2100058

Plot: 1/22/2025

File: 221641 Sht MOT 002.dgn
Model: MOT PHASE 2-2



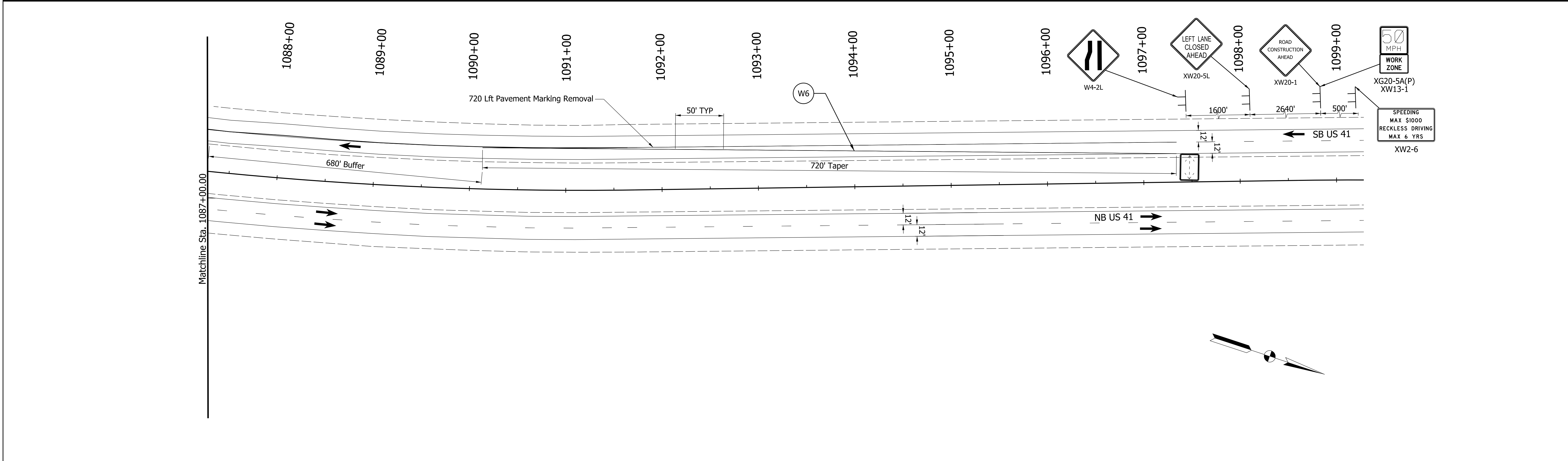
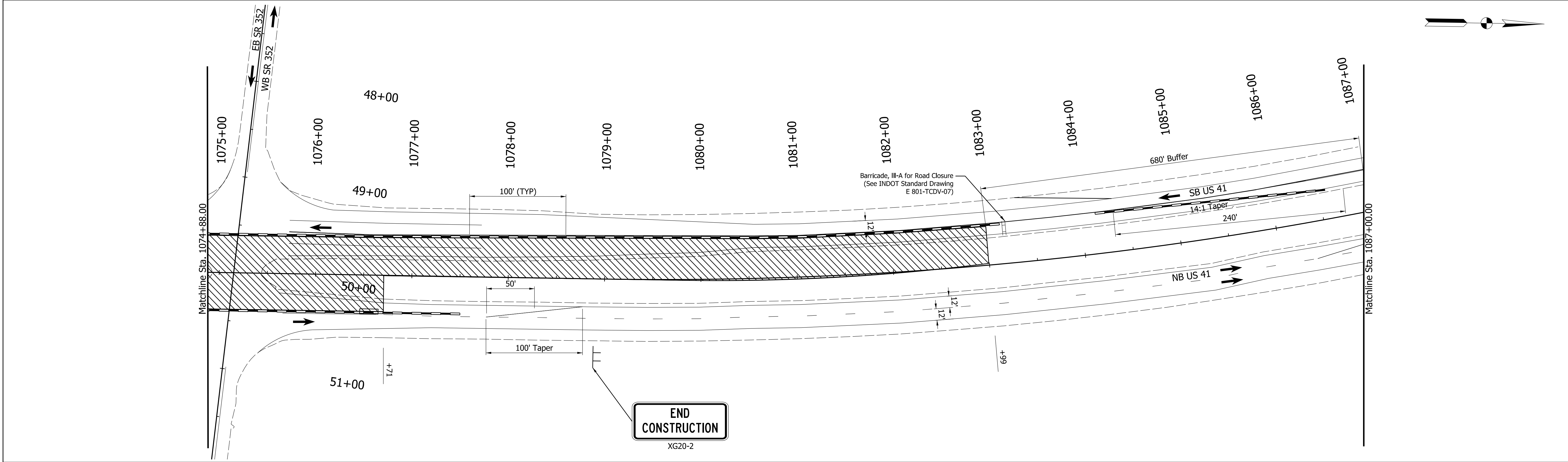
LEGEND		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1"=50'	BRIDGE FILE N/A
Construction Sign	Construction Work Zone	Flashing Arrow Sign	Temporary Traffic Barrier		DESIGNATION 2100058
Lane Direction	Temporary Pavement Marking, Removable, Yellow 6"	Line, Remove			SHEETS 11 of 37
Channelizing Device	Temporary Pavement Marking, Removable, White 6"			CONTRACT T-43690	PROJECT 2100058

Plot: 1/22/2025

File: 221641 Sht MOT 003.dgn
Model: MOT PHASE 3-1

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		7/2023 DATE	
DESIGNED: NK		DRAWN: NK			
CHECKED: BBV		CHECKED: BBV			

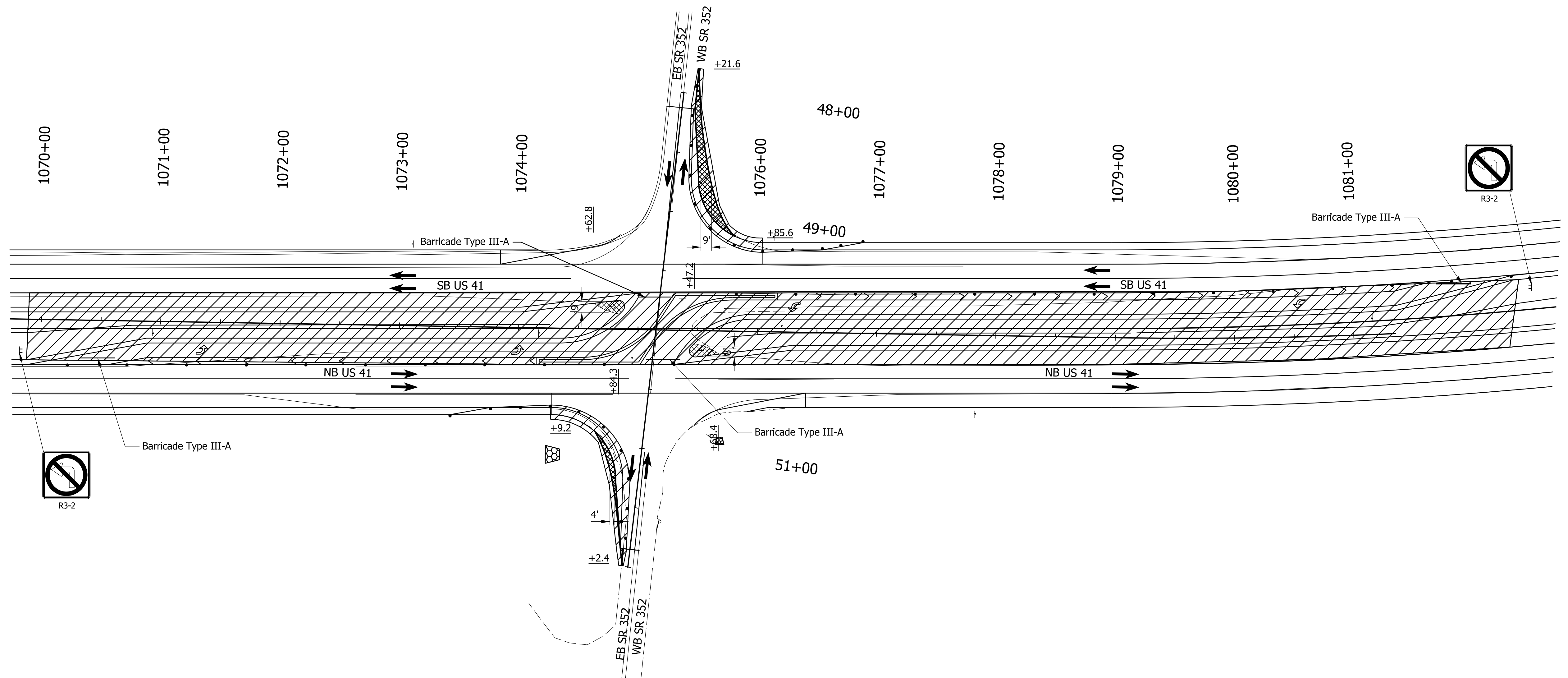
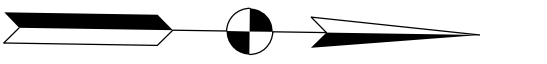
MOT PLANS - PHASE 3
STA. 1049+88 TO STA. 1074+88



LEGEND						INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1"=50'	BRIDGE FILE N/A
	Construction Sign		Construction Work Zone		Flashing Arrow Sign	DESIGNED: NK	DRAWN: NK		
	Lane Direction		Temporary Pavement Marking, Removable, Yellow 6"		Temporary Traffic Barrier	CHECKED: BBV	CHECKED: BBV		
	Channelizing Device		Temporary Pavement Marking, Removable, White 6"		Line, Remove	MOT PLANS - PHASE 3 STA. 1074+88 TO STA. 1099+20		CONTRACT T-43690	SHEETS 12 of 37 PROJECT 2100058

Plot: 1/22/2025

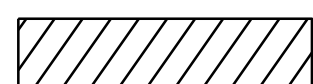
File: 221641 Sht MOT 003.dgn
Model: MOT PHASE 3-2

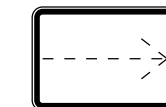


NOTES:
1. Construction Zone Design Speed Is 50 MPH.

LEGEND

-  Construction Sign
 Lane Direction
 Channelizing Device

-  Construction Work Zone
 Temporary Pavement Marking, Removable, Yellow 6"
 Temporary Pavement Marking, Removable, White 6"

-  Flashing Arrow Sign
 Temporary Pavement

RECOMMENDED FOR APPROVAL _____		7/2023 DATE
DESIGNED: NK		DRAWN: NK
CHECKED: BBV		CHECKED: BBV

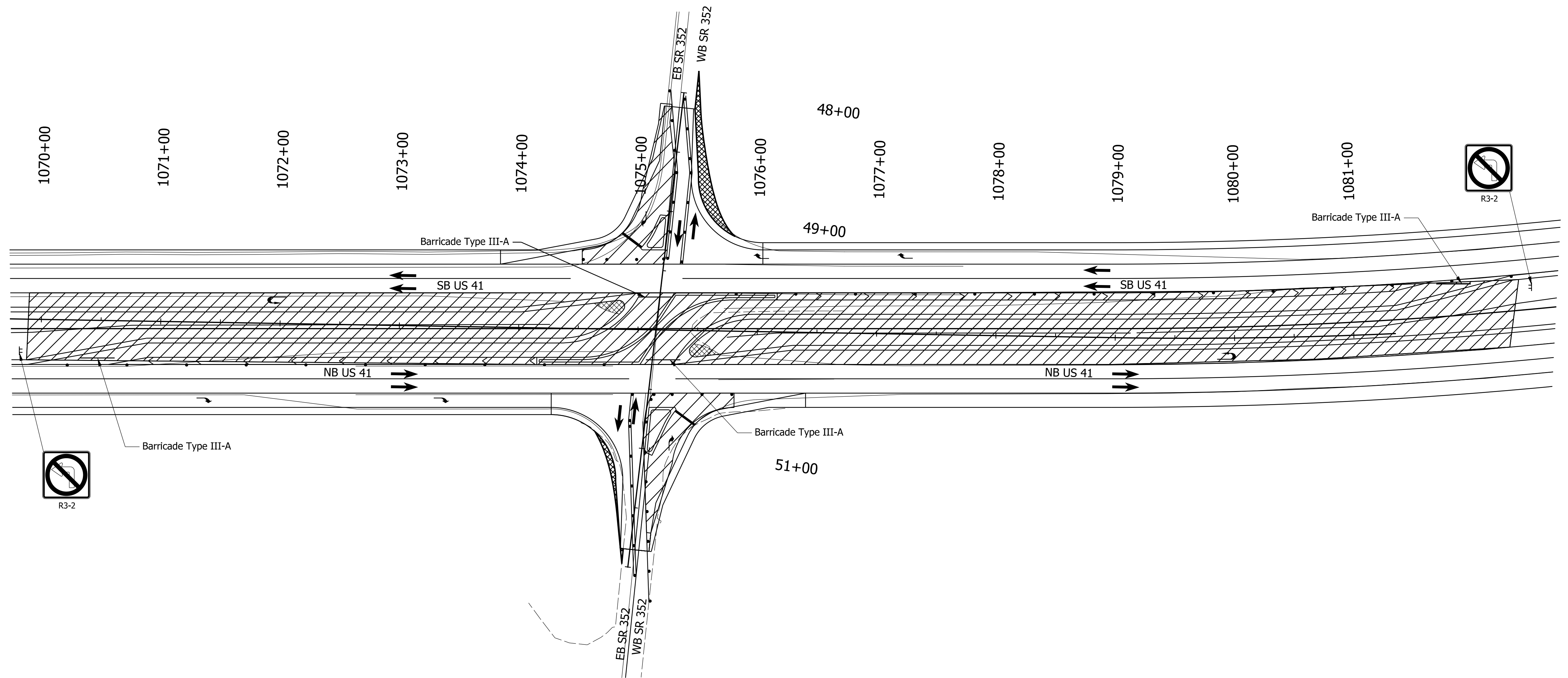
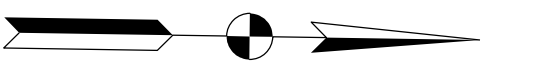
INDIANA
DEPARTMENT OF TRANSPORTATION

MOT PLANS - PHASE 4A
STA. 48+00 to STA. 52+00

SCALE 1"=50'	BRIDGE FILE N/A	
	DESIGNATION 2100058	
	SHEETS 13 of 37	
CONTRACT T-43690	PROJECT 2100058	

Plot: 1/22/2025

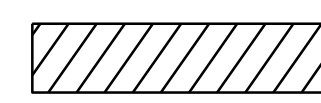
File: 221641 Sht MOT 004.dgn
Model: MOT PHASE 4 - A



NOTES:
1. Construction Zone Design Speed Is 50 MPH.

LEGEND

- Construction Sign
Lane Direction
Channelizing Device



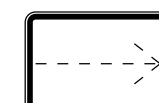
Construction Work Zone

Y8

Temporary Pavement Marking, Removable, Yellow 6"

W8

Temporary Pavement Marking, Removable, White 6"



Flashing Arrow Sign



Temporary Pavement

RECOMMENDED
FOR APPROVAL
DESIGN ENGINEER
7/2023
DATE

DESIGNED: NK
DRAWN: NK
CHECKED: BBV
CHECKED: BBV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT PLANS - PHASE 4B
STA. 48+00 to STA. 52+00

SCALE
1"=50'

BRIDGE FILE
N/A

DESIGNATION
2100058

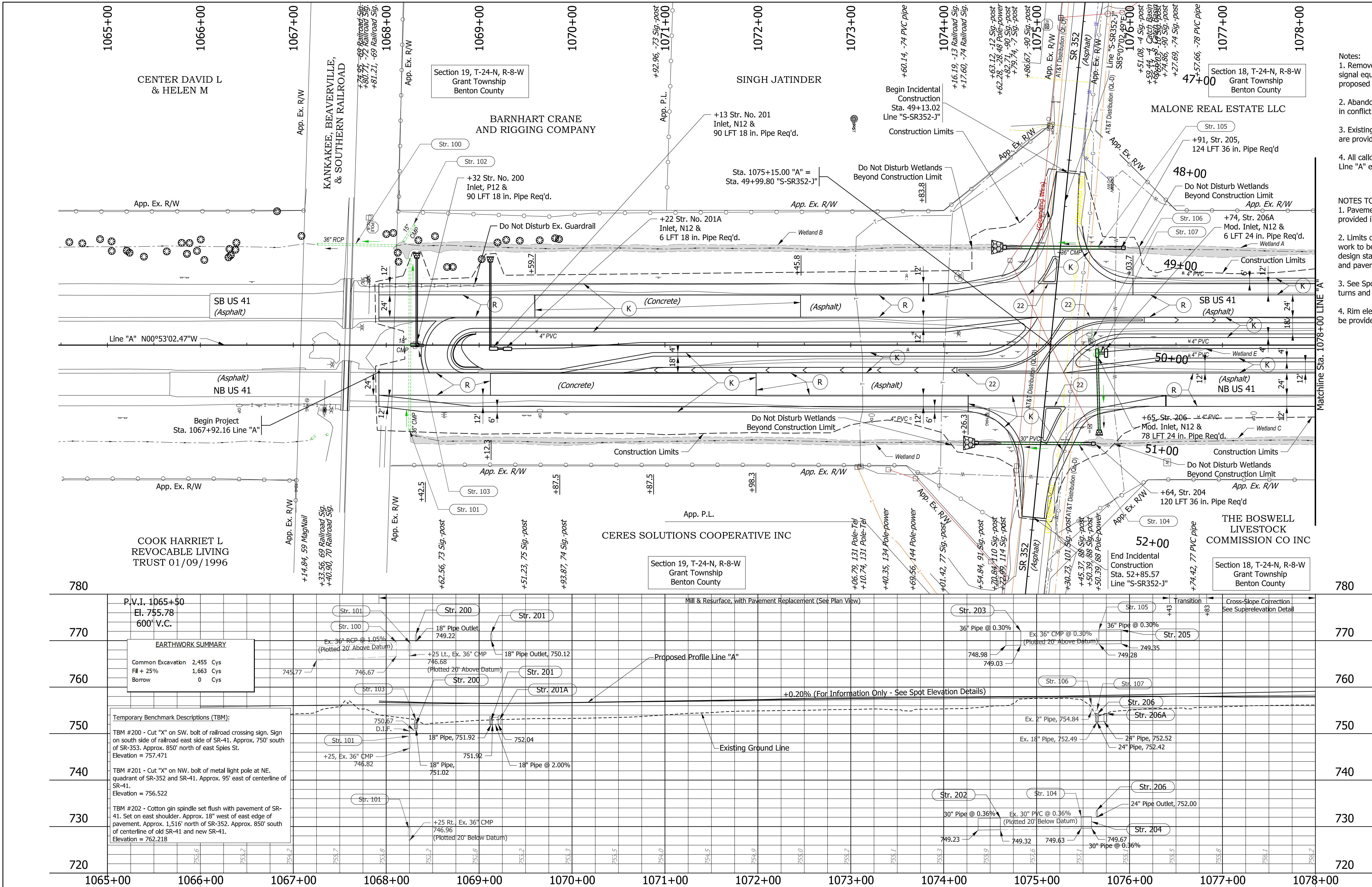
SHEETS
14 of 37

CONTRACT
T-43690

PROJECT
2100058

Plot: 1/22/2025

File: 221641 Sht MOT 004.dgn
Model: MOT PHASE 4 - B



Notes:

1. Remove existing signal cabinet and existing signal equipment where in conflict with the proposed work.

2. Abandon signal conduit and wire where not in conflict with the proposed work.

3. Existing drainage details (Str. Nos. 100s) are provided in the Structure Data Table.

4. All callouts on this sheet are described from Line "A" except as shown.

NOTES TO REVIEWER

1. Pavement design to be determined and provided in a later design stage.

2. Limits of resurface, full-depth, approach work to be determined and provided in a later design stage based upon funding availability and pavement design.

3. See Spot Elevations for stationing at U-turns and median turn lanes.

4. Rim elevations and final drainage details to be provided at STG3 submission.

P.V.I. 1065+50
El. 755.78
600' V.C.

EARTHWORK SUMMARY

Common Excavation	2,455 Cys
Fill + 25%	1,663 Cys
Borrow	0 Cys

Temporary Benchmark Descriptions (TBM):

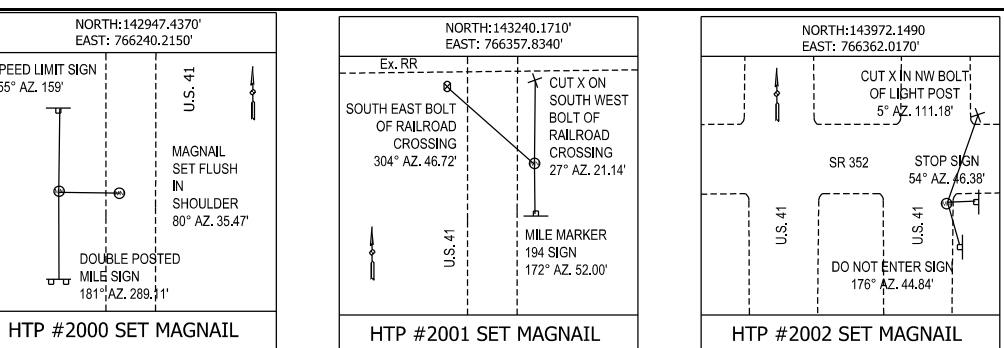
TBM #200 - Cut "X" on SW. bolt of railroad crossing sign. Sign on south side of railroad east side of SR-41. Approx. 750' south of SR-353. Approx. 850' north of east Spies St. Elevation = 757.471

TBM #201 - Cut "X" on NW. bolt of metal light pole at NE. quadrant of SR-352 and SR-41. Approx. 95' east of centerline of SR-41. Elevation = 756.522

TBM #202 - Cotton gin spindle set flush with pavement of SR-41. Set on east shoulder. Approx. 18" west of east edge of pavement. Approx. 1,516' north of SR-352. Approx. 850' south of centerline of old SR-41 and new SR-41. Elevation = 762.218

LEGEND

See Typical Section Details for Legend Items.



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: NK	DRAWN: NK	7/2023
CHECKED: BBV	CHECKED: BBV	

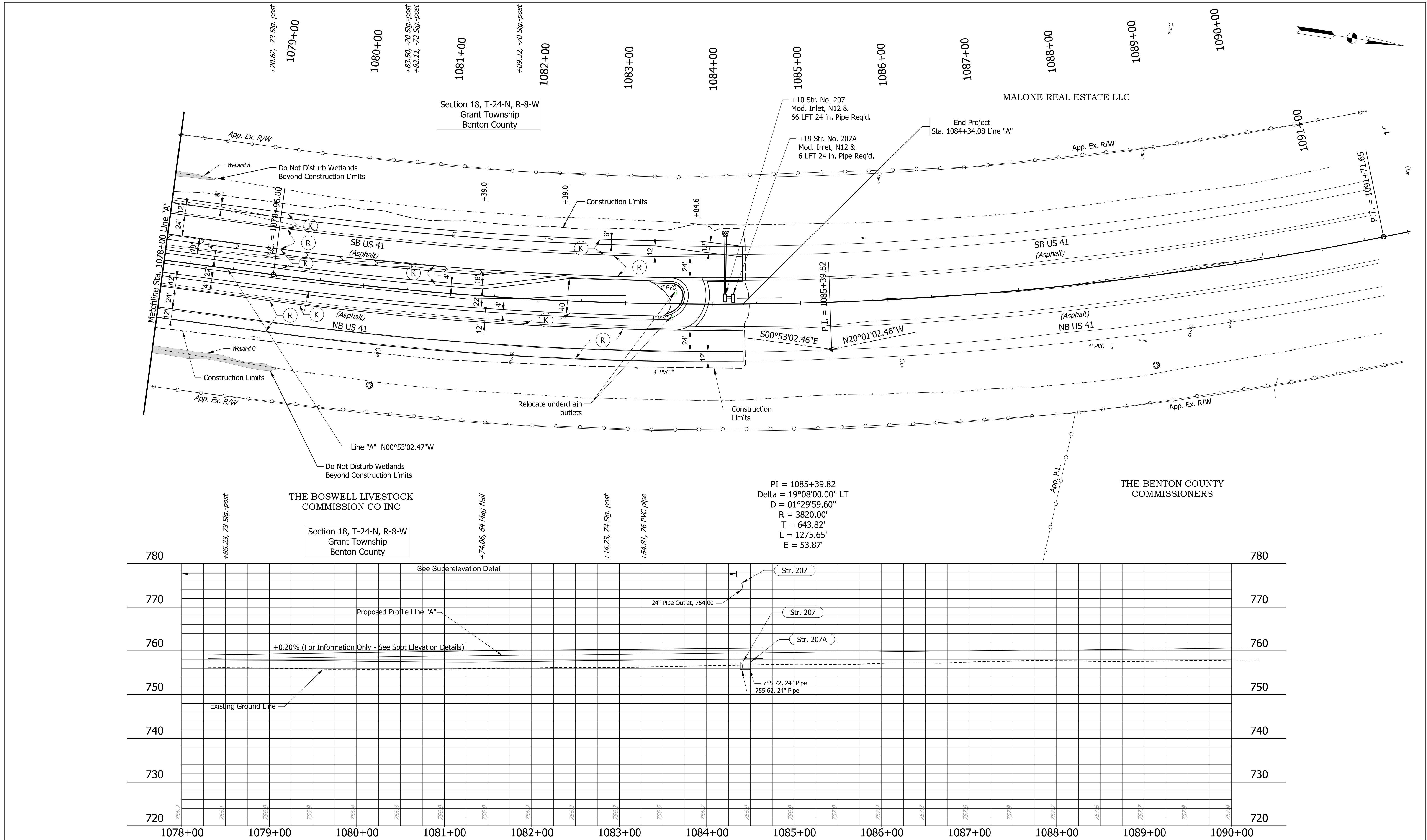
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
U.S. 41 - LINE "A"

SCALE	BRIDGE FILE
1"=50'	N/A
	DESIGNATION
	2100058
SURVEY BOOK	SHEETS
	15 of 37
CONTRACT	PROJECT
T-43690	2100058

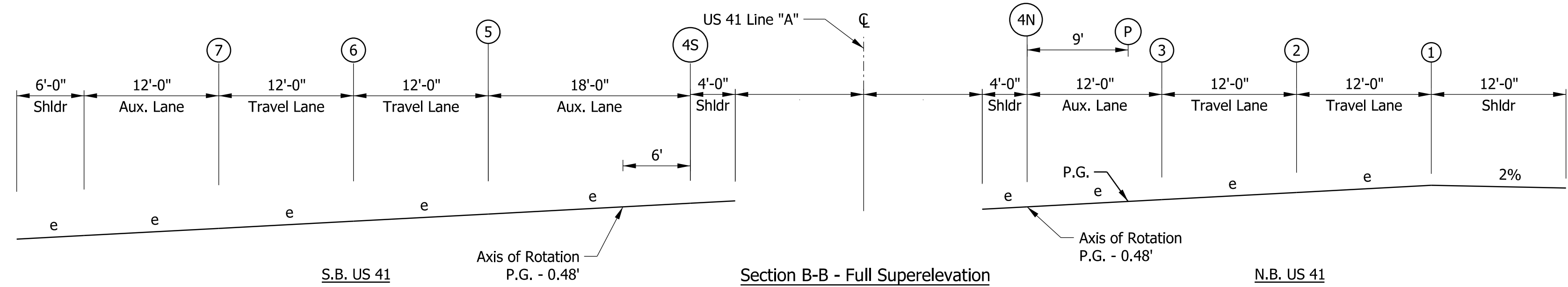
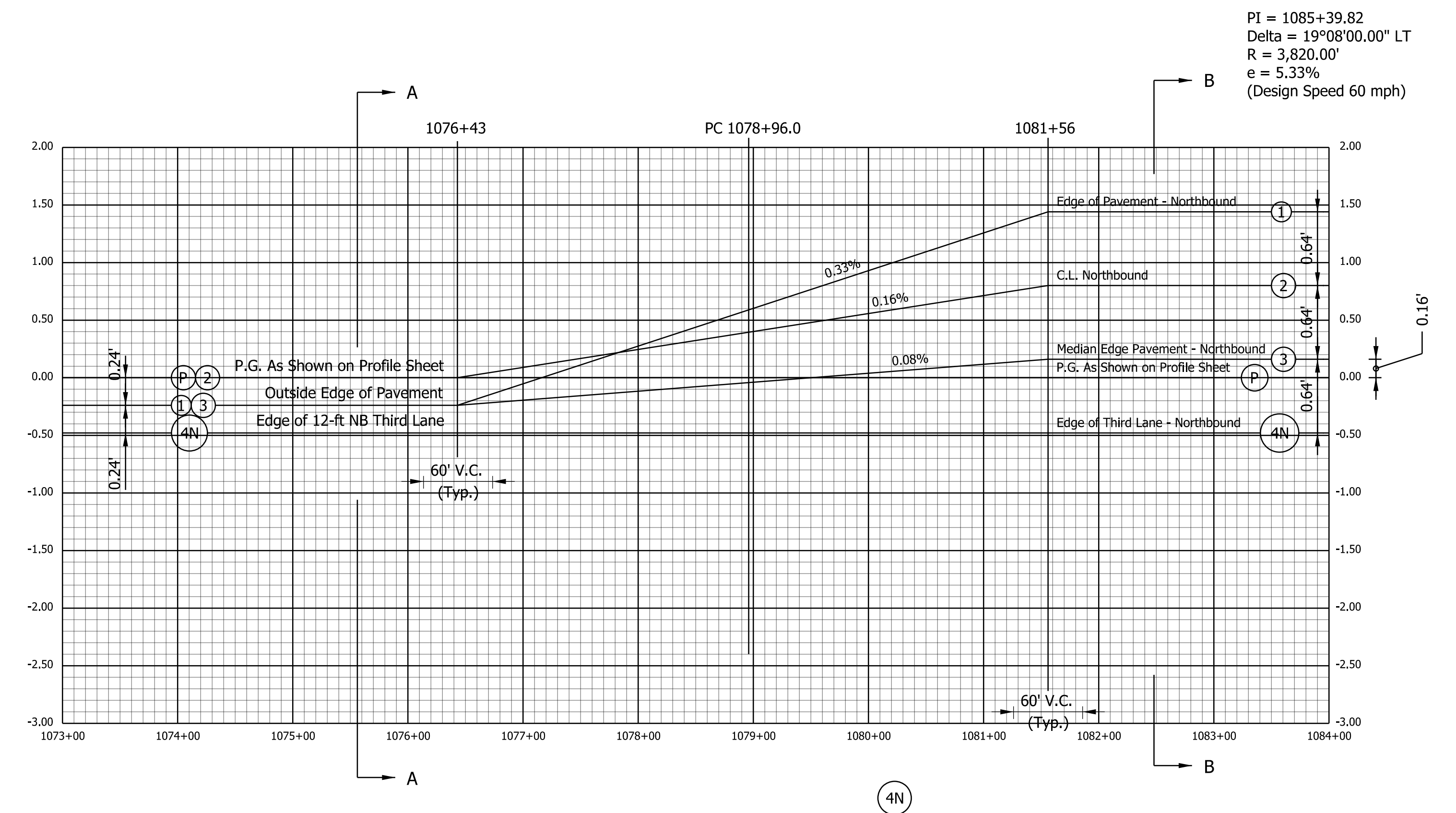
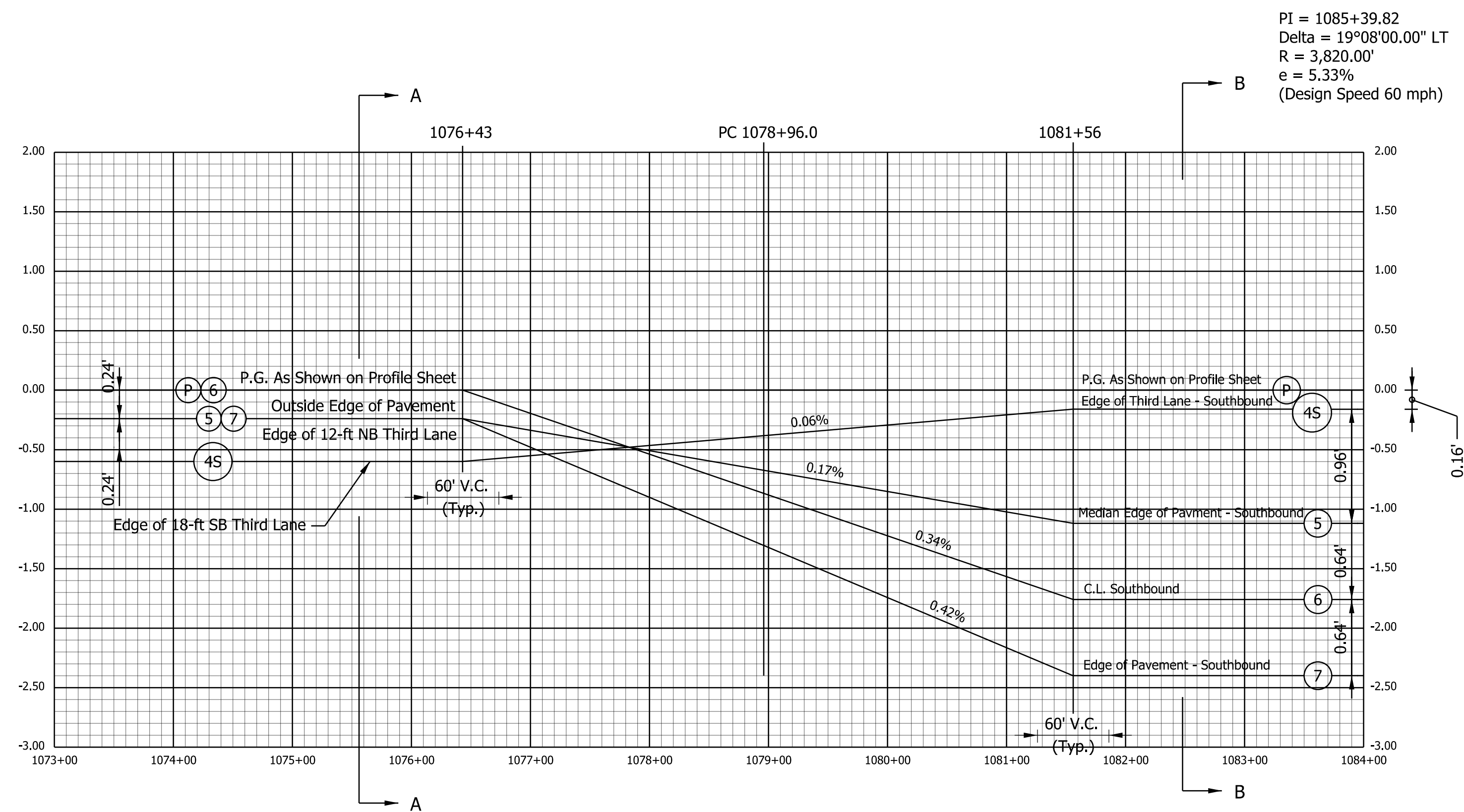
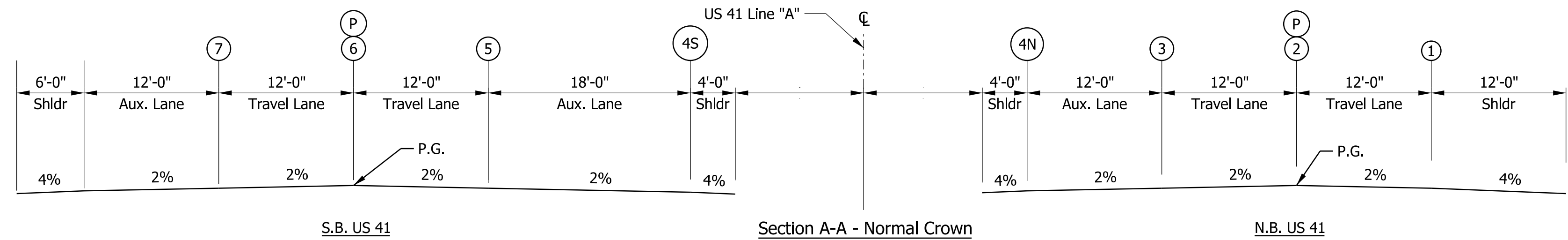
Plot: 1/22/2025

File: 221641 Sht Plan Profile 001.dgn
Model: PLAN 1



LEGEND		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1"=50'	BRIDGE FILE N/A
(K)	165 LB/SYD QC/QA-HMA, Surface, on 275 LB/SYD QC/QA-HMA, Intermediate, on 880 LB/SYD QC/QA-HMA, Base, on Subgrade Treatment, Type IC	DESIGNED: NK	DRAWN: NK	SURVEY BOOK	SHEETS 16 of 37
(R)	165 LB/SYD QC/QA-HMA, Surface, on 275 LB/SYD QC/QA-HMA, Intermediate	CHECKED: BBV	CHECKED: BBV	CONTRACT T-43690	PROJECT 2100058

File: 221641 Sht Plan Profile 002.dgn
Model: PLAN 2

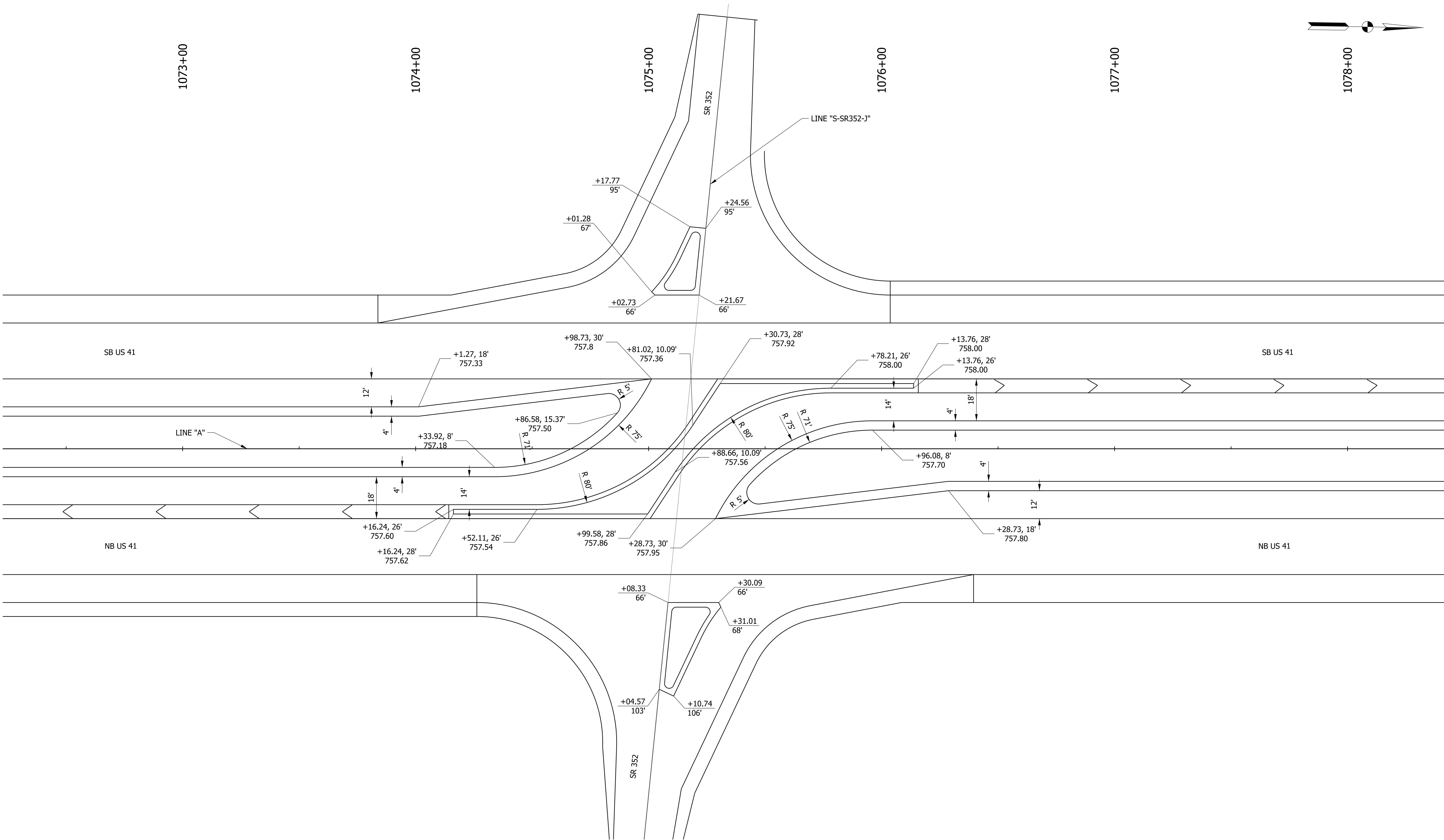


Note: P.G. - 0.48' = Edge of Third Lane (12' width on NB side) for normal crown and full superelevation. Match into existing conditions from FT-F-95(12) plans, dated 1969, on north end of project. Provide 2.0% x-slope in normal crown section via slope correction.

Plot: 1/22/2025

File: 221641 Sht Super 001.dgn
Model:RD_Detail Sheet

RECOMMENDED FOR APPROVAL DESIGN ENGINEER 7/2023 DATE	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE	BRIDGE FILE	
			1/8" : 1'-0"	N/A	
				DESIGNATION	
				2100058	
DESIGNED: NK	DRAWN: NK	SUPER ELEVATION DETAILS		SHEETS	
			17	of	37
CHECKED: BBV	CHECKED: BBV		CONTRACT	PROJECT	
			T-43690	2100058	

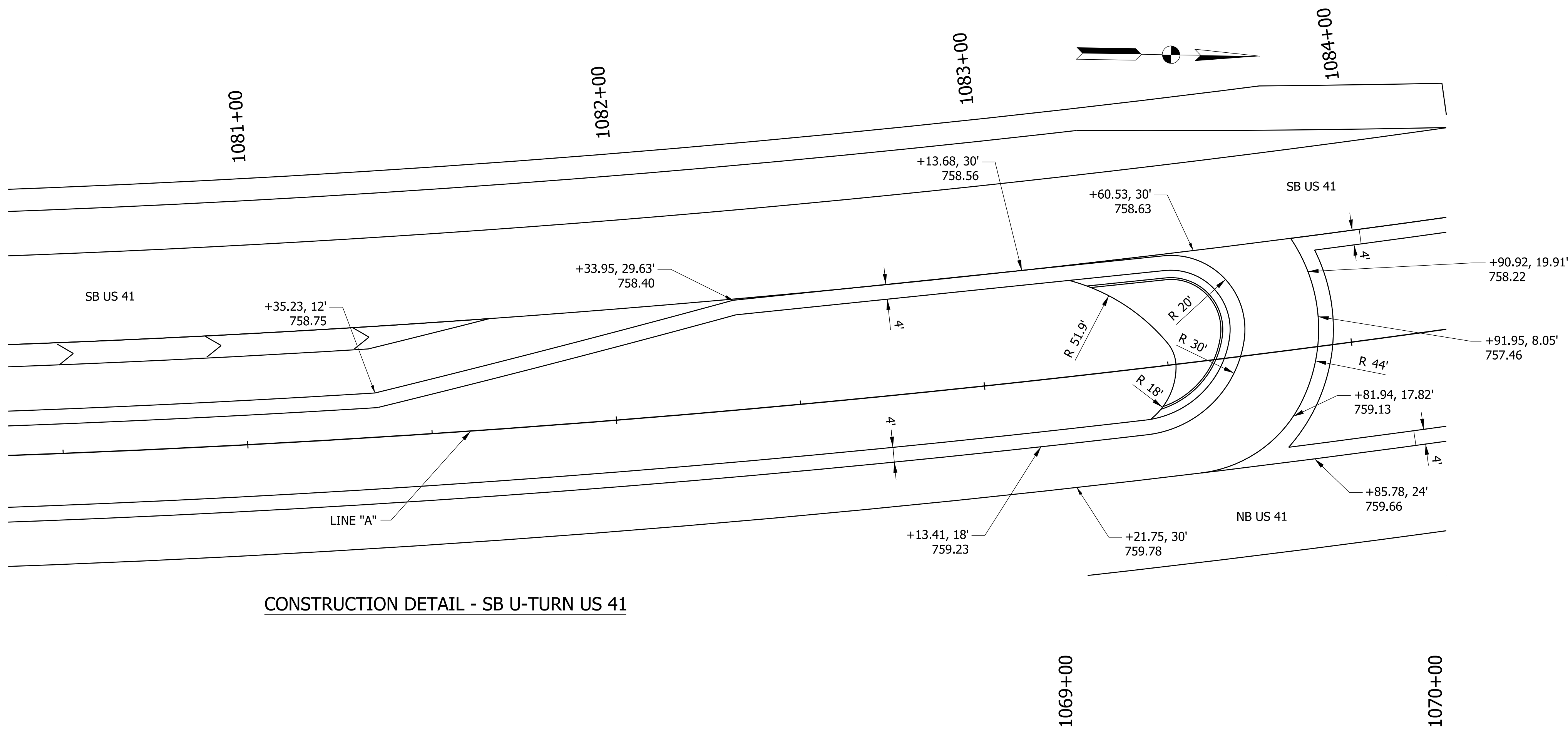


CONSTRUCTION DETAIL - US 41 @ SR352

LEGEND

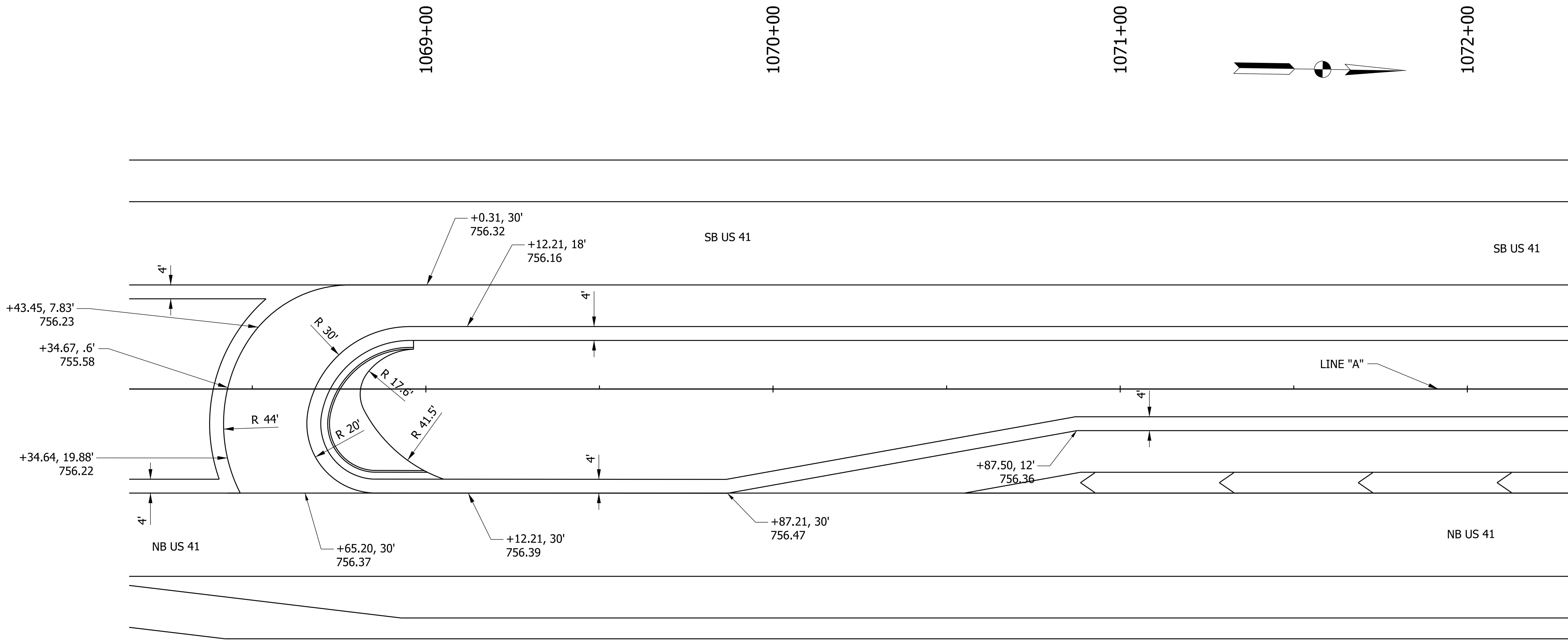
See Typical Section Details for Legend.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE			
								N/A			
								DESIGNATION			
						SCALE		1" = 20'			
DESIGNED: NK		DRAWN: NK				SPOT ELEVATION DETAILS US41 & SR352 INTERSECTION		SURVEY BOOK		SHEETS	
								ELECTRONIC		18	of 37
CHECKED: \$DES\$CHECKBY\$		CHECKED: BBV						CONTRACT		PROJECT	
								T-43690			



Note to Reviewer:
Preliminary Layout displayed for STG2.
Final Spot Elevation Details to be
included in STG3 Plans.

CONSTRUCTION DETAIL - SB U-TURN US 41

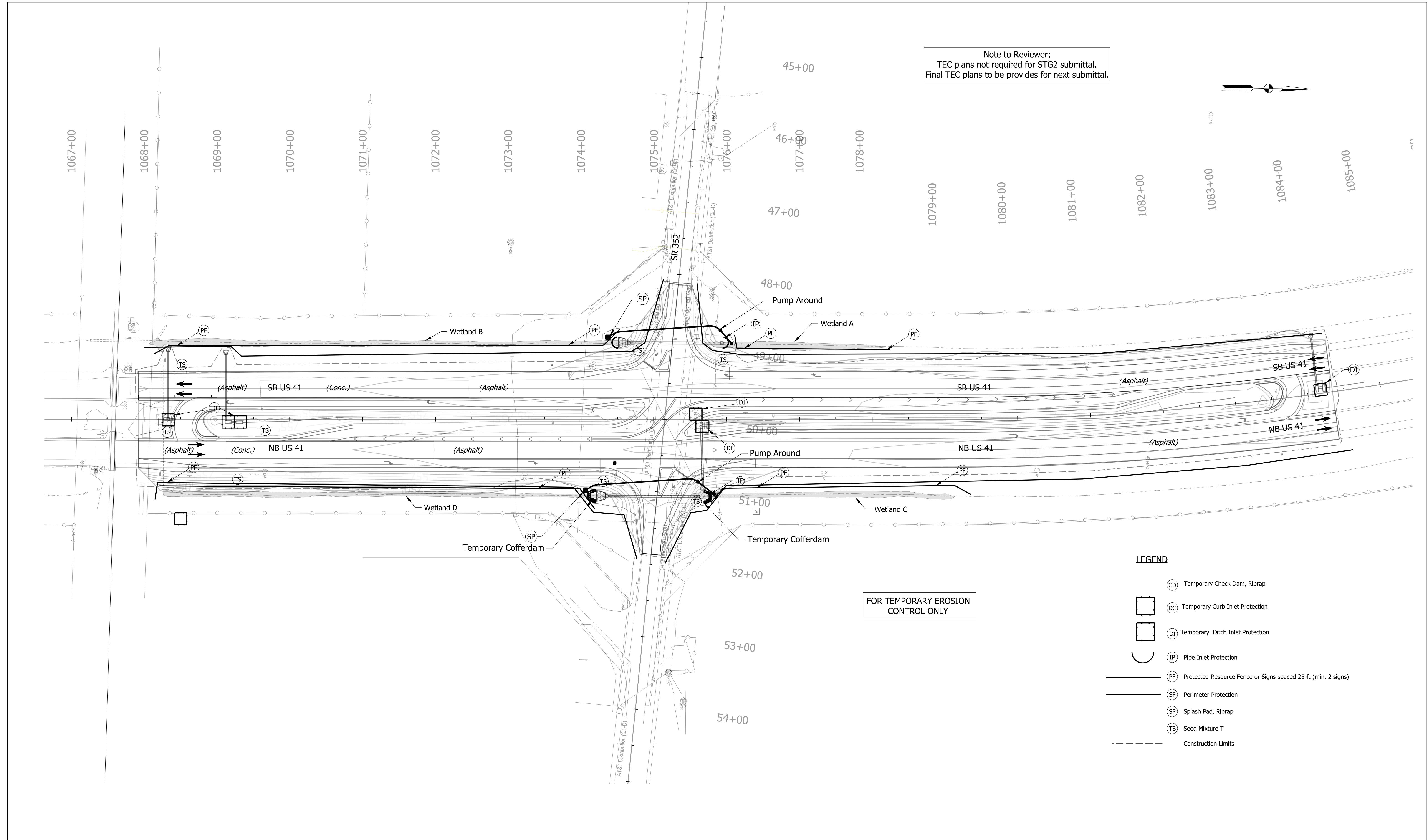


CONSTRUCTION DETAIL - NB U-TURN US 41

LEGEND

See Typical Section Details for Legend.

RECOMMENDED FOR APPROVAL			INDIANA DEPARTMENT OF TRANSPORTATION			BRIDGE FILE			
				N/A					
	DESIGN ENGINEER			DATE	SCALE 1" = 20'				
DESIGNED: NK		DRAWN: NK		SPOT ELEVATION DETAILS US 41 U-TURNS		SURVEY BOOK		SHEETS	
						ELECTRONIC		19	of 37
CHECKED: \$DESCHECKBY\$		CHECKED: BBV				CONTRACT		PROJECT	
						T-43690			



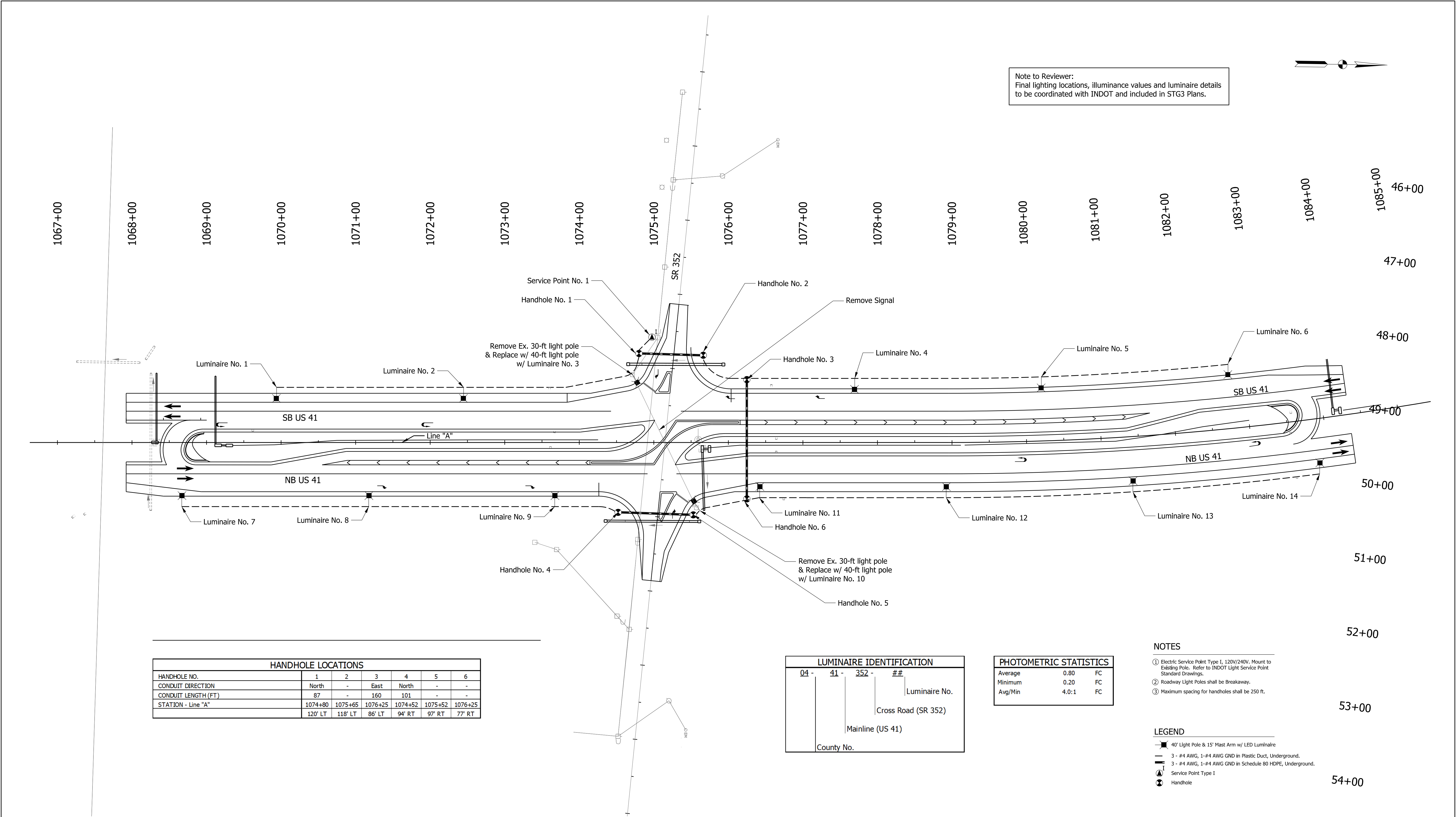
Note to Reviewer:
TEC plans not required for STG2 submittal.
Final TEC plans to be provides for next submittal.

FOR TEMPORARY EROSION
CONTROL ONLY

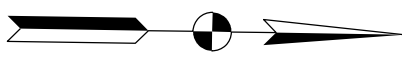
LEGEND

- Temporary Check Dam, Riprap
- Temporary Curb Inlet Protection
- Temporary Ditch Inlet Protection
- Pipe Inlet Protection
- Protected Resource Fence or Signs spaced 25-ft (min. 2 signs)
- Perimeter Protection
- Splash Pad, Riprap
- Seed Mixture T
- Construction Limits

Plot: 1/22/2025 File: 221641 Erosion Control_01.dgn Model: EROSION CONTROL_Detail Sheet	RECOMMENDED FOR APPROVAL DESIGNED: NK CHECKED: BBV		DESIGN ENGINEER DRAWN: NK CHECKED: BBV		INDIANA DEPARTMENT OF TRANSPORTATION TEMPORARY EROSION CONTROL	SCALE 1" = 60'		BRIDGE FILE N/A	
						DESIGNATION 2100058		SHEETS 20 of 37	
						CONTRACT T-43690		PROJECT 2100058	



Note to Reviewer:
Final lighting locations, illuminance values and luminaire details
to be coordinated with INDOT and included in STG3 Plans.



HANDHOLE LOCATIONS						
HANDHOLE NO.	1	2	3	4	5	6
CONDUIT DIRECTION	North	-	East	North	-	-
CONDUIT LENGTH (FT)	87	-	160	101	-	-
STATION - Line "A"	1074+80	1075+65	1076+25	1074+52	1075+52	1076+25
	120' LT	118' LT	86' LT	94' RT	97' RT	77' RT

LUMINAIRE IDENTIFICATION			
04 -	41 -	352 -	##
Luminaire No.			
Cross Road (SR 352)			
Mainline (US 41)			
County No.			

PHOTOMETRIC STATISTICS		
Average	0.80	FC
Minimum	0.20	FC
Avg/Min	4.0:1	FC

NOTES

- ① Electric Service Point Type I, 120V/240V, Mount to Existing Pole. Refer to INDOT Light Service Point Standard Drawings.
② Roadway Light Poles shall be Breakaway.
③ Maximum spacing for handholes shall be 250 ft.

LEGEND

- 40' Light Pole & 15' Mast Arm w/ LED Luminaire
3 - #4 AWG, 1-#4 AWG GND in Plastic Duct, Underground.
3 - #4 AWG, 1-#4 AWG GND in Schedule 80 HDPE, Underground.
Service Point Type I
Handhole

Plot: 1/22/2025 12:26 PM

File: 221641 LightingDet_01.dgn
Model: PMRKING_Detail Sheet

RECOMMENDED FOR APPROVAL DESIGN ENGINEER 7/2023 DATE	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 60'	BRIDGE FILE N/A
	LIGHTING DETAILS			DESIGNATION 2100058
DESIGNED: NK CHECKED: BBV	DRAWN: NK CHECKED: BBV	SHEETS 21 of 37 PROJECT 2100058		
		CONTRACT T-43690		

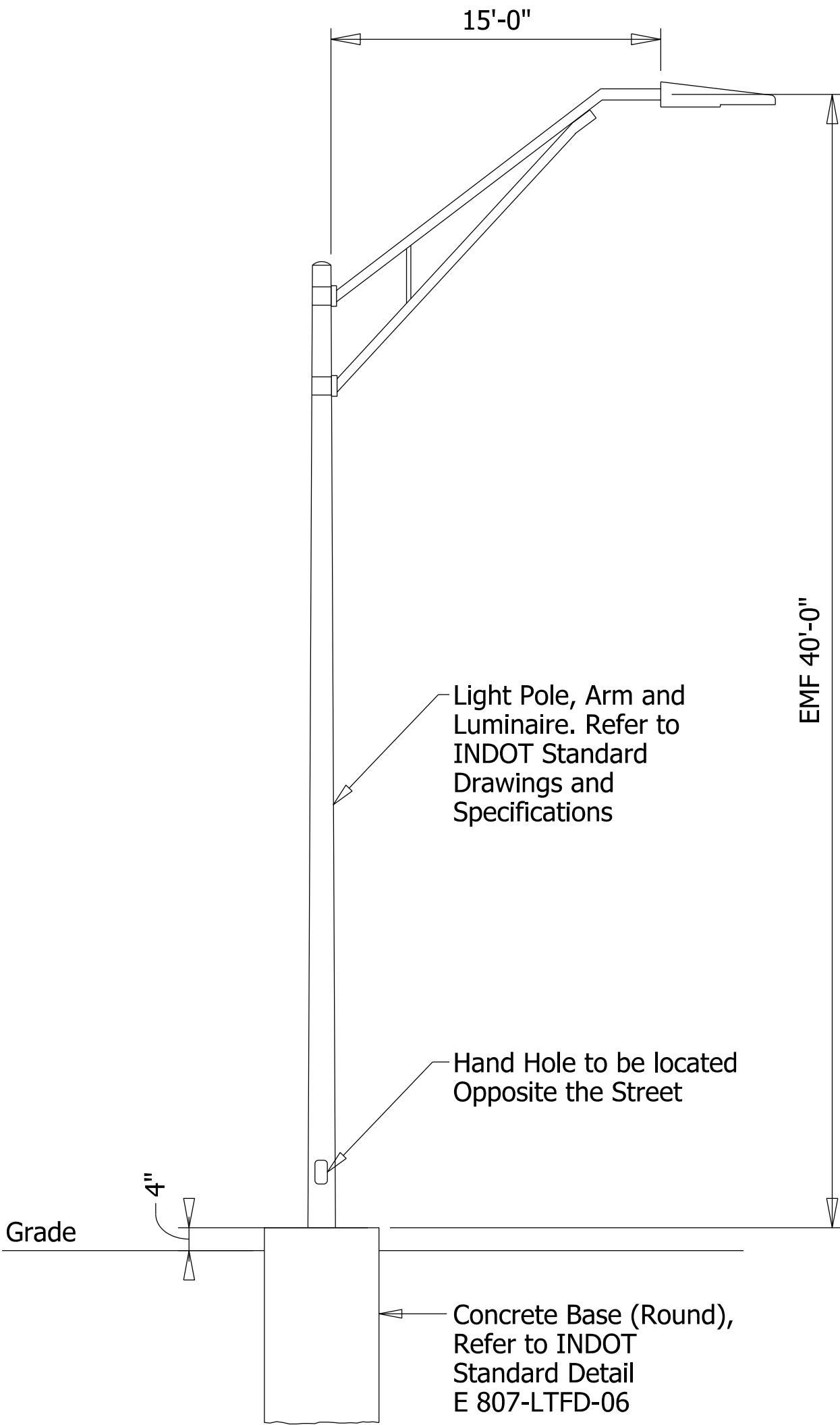
LUMINAIRE AND POLE INFORMATION SCHEDULE														
LUMINAIRE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CIRCUIT NO.	A-1	A-1	A-1	A-1	A-1	A-1	A-2	A-2	A-2	A-2	A-3	A-3	A-3	A-3
CIRCUIT CONNECTION (R-RED, B-BLACK)	B	R	B	R	B	R	B	R	B	R	B	R	B	R
STATION - Line "A"	1069+94	1072+45	1074+70	1077+70	1080+22	1082+80	1068+66	1071+18	1073+68	1075+62	1076+42	1078+92	1081+38	1083+85
	74' LT	74' LT	93' LT	86' LT	86' LT	86' LT	86' RT	86' RT	86' RT	92' RT	74' RT	74' RT	74' RT	74' RT

Note: Station and Offset locations are at proposed pole.

LIGHTING FIXTURE SCHEDULE						
SERVICE POINT	SERVICE TYPE	VOLTAGE	MAIN BREAKER	BRANCH CIRCUIT COLOR	BRANCH CIRCUIT DESIGN LOAD	BRANCH CIRCUIT BREAKER
A	-	120/240V	-	BLACK RED	- -	- -

LIGHTING FIXTURE SCHEDULE								
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NO.	LAMP	VOLTAGE	MOUNTING	REMARKS
A	See Legend	INDOT Standard LED	AMERICAN ELECTRIC LIGHTING	ATBO-P305-MVOLT-R4-4K	LED	120	ARM	-
A		INDOT Standard 15' ARM E-807-LTST	-	-	-	-	-	-
A		INDOT Standard 40' POLE E-807-LTST	-	-	-	-	-	-

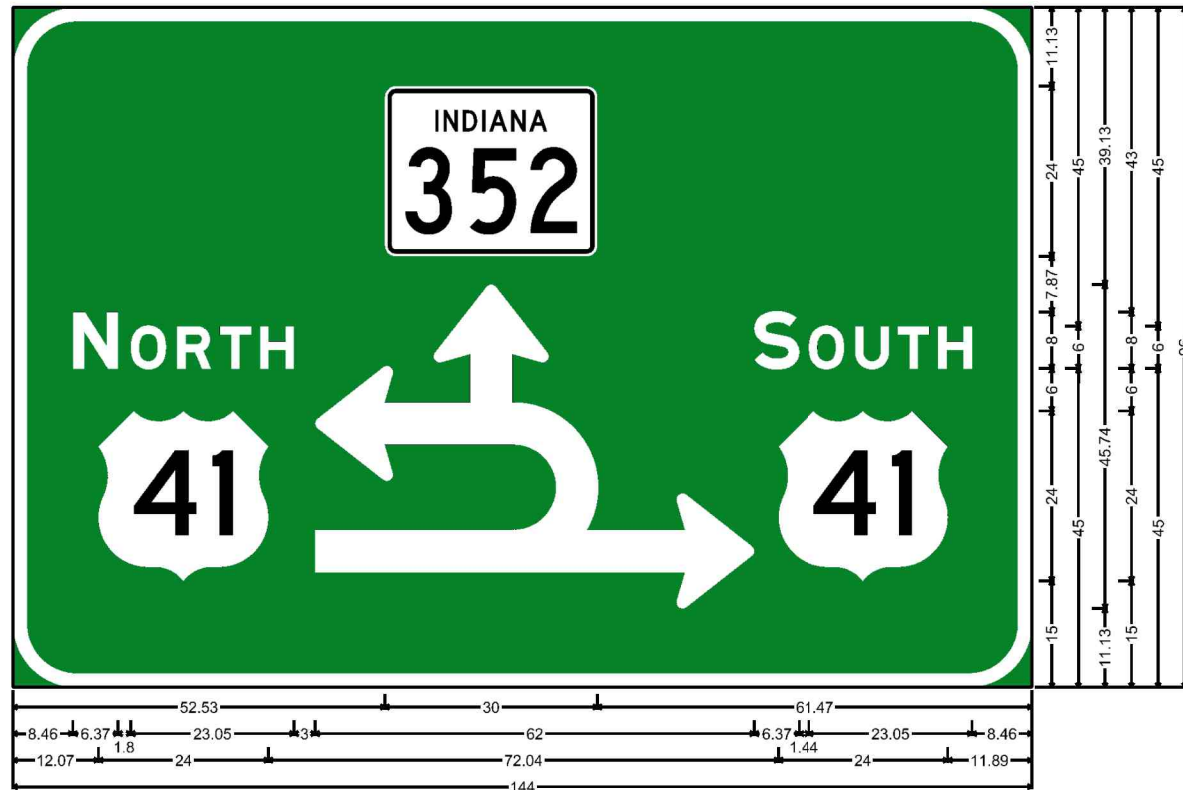
HANDHOLE LOCATIONS						
HANDHOLE NO.	1	2	3	4	5	6
CONDUIT DIRECTION	North	-	East	North	-	-
CONDUIT LENGTH (FT)	87	-	160	101	-	-
STATION - Line "A"	1074+80	1075+65	1076+25	1074+52	1075+52	1076+25
	120' LT	118' LT	86' LT	94' RT	97' RT	77' RT



LIGHT POLE DETAIL
SCALE: Not to Scale

NOTE TO REVIEWER:
Lighting Details to be Finalized
for Stage 3 Plans Submittal.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE NTS	
			DESIGNATION 2100058	
	LIGHTING DETAILS AND SCHEDULES		SHEETS 22 of 37	
			CONTRACT T-43690	PROJECT 2100058

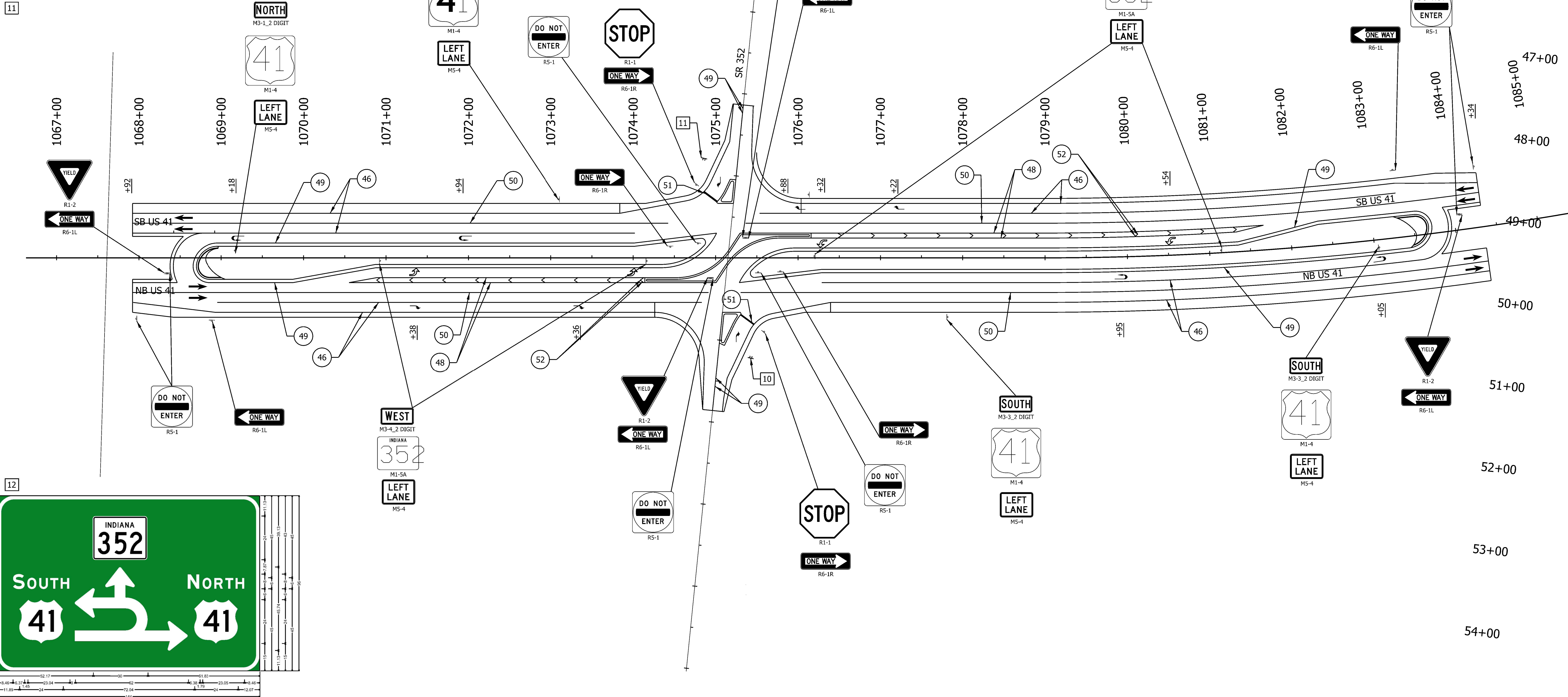


Sign ID #11:
8'00" Radius, 2'00" Border, White on Green.
State Highway 352 M-6a, "NORTH", E Mod, Fishhook Arrow Configuration, "SOUTH", E Mod.

Notes to Reviewer:
Final details and dimensions for intersection guide signs to be included in final plans after INDOT Traffic review.

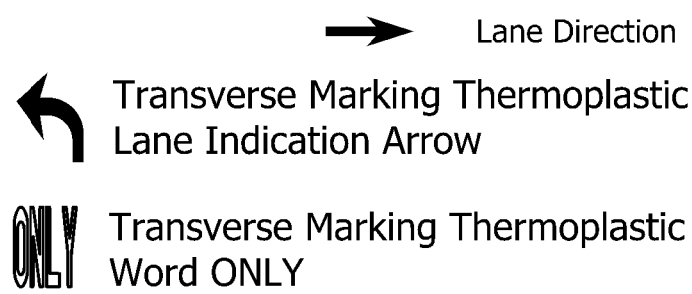
Exact sign stations and quantities to be provided in Signing Summary at STG 3.

Final Lighting locations to be coordinated with INDOT.



LEGEND

- ④ Line, Thermoplastic, Solid White, 6 in. ⑤① Line, Thermoplastic, Broken, White, 6 in.
④⑧ Line, Thermoplastic, Solid White, 10 in. ⑤② Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
④⑨ Line, Thermoplastic, Solid Yellow, 6 in. ⑤③ Transverse Marking, Thermoplastic, Crosshatch Line, White, 24 in.



RECOMMENDED FOR APPROVAL		7/2023	
DESIGN ENGINEER		DATE	
DESIGNED: NK	DRAWN: NK		
CHECKED: BBV	CHECKED: BBV		

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING AND SIGNING DETAILS	

SCALE	BRIDGE FILE
1" = 60'	N/A
	DESIGNATION
	2100058
	SHEETS
	23 of 37
CONTRACT	PROJECT
T-43690	2100058

Plot: 1/22/2025

File: 221641 PMrkgsignDet_01.dgn
Model: PMRKING_Detail Sheet

Plot: 1/22/2025

File: 221641 Sign Summary Table.dgn
Model:SN_Sheet Sign and Post Summary Sheet

SHEET SIGN & POST SUMMARY TABLE												
SIGN										POST		
PLAN SHEET NO. / LINE	SIGN LOCATION		SIGN CODE	SIGN SIZE (W x H)		SIGN, SHEET , WITH LEGEND (ft²)				W8x18 (2 posts)	2 1/4" x 2 1/4" - 12 Ga (Type 1)	
						THICKNESS (in)					REINFORCED ANCHOR	
				(in x in)		0.080	.080 double- faced	0.100	0.125		(ft)	POST LENGTH (ft)
				Width	Height							TYPE 1 (ft)
LINE "A" - US 41												
	1067+97	Rt.	R5-1	DO NOT ENTER	36	36			9.00		9.5	
	1068+34	Rt.	R5-1	DO NOT ENTER	36	36			9.00			5-FT Vertical Clearance, 12-FT Horizontal Clearance
		Rt.	R1-2	YIELD	48	48			16.00		12.0	
		Rt.	R6-1L	ONE WAY	54	18			6.75			
	1068+88	Rt.	R6-1L	ONE WAY	54	18			6.75		8.0	5-FT Vertical Clearance, 12-FT Horizontal Clearance
	1069+18	Lt.	M3-1	NORTH	24	12	2.00				11.0	5-FT Vertical Clearance, 12-FT Horizontal Clearance
		Lt.	M1-4	41	24	24	4.00					
		Lt.	M5-4	LEFT LANE	24	18	3.00					
	1070+92	Rt.	M3-4	WEST	24	12	2.00				11.0	
		Rt.	M1-5A	INDIANA 352	30	24	5.00					
		Rt.	M5-4	LEFT LANE	24	18	3.00					
	1073+10	Lt.	M3-1	NORTH	24	12	2.00				11.0	
		Lt.	M1-4	41	24	24	4.00					
		Lt.	M5-4	LEFT LANE	24	18	3.00					
	1074+16	Rt.	M3-4	WEST	24	12	2.00				11.0	
		Rt.	M1-5A	INDIANA 352	30	24	5.00					
		Rt.	M5-4	LEFT LANE	24	18	3.00					
	1074+45	Lt.	R6-1R	ONE WAY	54	18			6.75		8.0	
	1074+79	Lt.	R5-1	DO NOT ENTER	36	36			9.00		9.5	
	1074+94	Rt.	R1-2	YIELD	48	48			16.00		11.3	
			R6-1L	ONE WAY	54	18			6.75			
			R5-1	DO NOT ENTER	36	36			9.00			
	1075+36	Lt.	R1-2	YIELD	48	48			16.00		11.3	
			R6-1L	ONE WAY	54	18			6.75			
			R5-1	DO NOT ENTER	36	36			9.00			
	1075+52	Rt.	R5-1	DO NOT ENTER	36	36			9.00		9.5	
	1075+78	Rt.	R6-1R	ONE WAY	54	18			6.75		8.0	
	1076+21	Lt.	M3-2	EAST	24	12	2.00				11.0	
			M1-5A	INDIANA 352	30	24	5.00					
			M5-4	LEFT LANE	24	18	3.00					
	1077+81	Rt.	M3-3	SOUTH	24	12	2.00				11.0	
			M1-4	41	24	24	4.00					
			M5-4	LEFT LANE	24	18	3.00					
	1081+15	Lt.	M3-2	EAST	24	12	2.00				11.0	
			M1-5A	INDIANA 352	30	24	5.00					
			M5-4	LEFT LANE	24	18	3.00					
	1083+05	Rt.	M3-3	SOUTH	24	12	2.00				11.0	
			M1-4	41	24	24	4.00					
			M5-4	LEFT LANE	24	18	3.00					
	1083+31	Lt.	R6-1L	ONE WAY	54	18			6.75		8.0	
	1084+07	Lt.	R5-1	DO NOT ENTER	36	36			9.00			
	1084+07	Lt.	R1-2	YIELD	48	48			16.00		13.0	
			R6-1L	ONE WAY	54	18			6.75			
	1084+32	Lt.	R5-1	DO NOT ENTER	36	36			9.00		9.5	
LINE "S-SR352-J" - SR 352												
	1074+77	Lt.	R1-1	STOP	30	30	6.25				10.0	
			R6-1R	ONE WAY	36	12			3.00			
	1074+86	Lt.	SIGN PANEL	ADVANCED GUIDE	156	144				156.00	169.3	
	1075+58	Rt.	R1-1	STOP	30	30	6.25				10.0	
			R6-1R	ONE WAY	36	12			3.00			
	1075+42	Rt.	SIGN PANEL	ADVANCED GUIDE	156	144				156.00	169.3	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: NK	DRAWN: NK
CHECKED: BBV	CHECKED: BBV

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

SCALE N/A	BRIDGE FILE N/A	
	DESIGNATION 2100058	
	SHEETS 24 of 37	
CONTRACT T-43690	PROJECT 2100058	

Plot: 1/22/2025 12:29 PM

File: 221641 Approach Table.dgn
Model: PAVMENT QUANTITIES

PAVEMENT QUANTITIES AND APPROACH TABLE																																							
LOCATION	Descreibung (Approach Type or Class)	Width	Length	Radii		Distance Beyond R/W Line	Surface Beyond R/W Line		Grade	Excavation		HMA for Approaches		HMA for Sidewalk		PCCP for Approaches		HMA Materials			Milling, Transition	Milling, Asphalt, 1.5 In.	Joint Adhesive Surface	Joint Adhesive Intermediate	Liquid Asphalt Sealant	HMA Material for Asphalt Tack Coat	QC/QA PCCP		PCCP for Approaches	QC/QA - PCCP	Compacted Aggregate No. 53			Geogrid, Type IB	Dense Graded Subbase	Subgrade Treatment Type II	Subgrade Treatment Type III	Subgrade Treatment Type IC	
							Compacted Aggregate Base	HMA				Type A	Type B	Surface, Type B, 9.5 mm	Intermd. Type B, 19.0 mm			QC/QA HMA 3, 76, Surface, 9.5mm	QC/QA HMA 3, 76, Intermediate, 19.0mm	QC/QA HMA 3, 64, Base, 25.0 mm							7.5" QC/QA-PCCP, Decorative Adobe	14.5" Variable Depth											
				In Out								LBS per SYD		LBS per SYD	Depth	LBS per SYD				Depth							Depth	Depth											Depth
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	%	CYS	CYS	440 Tons	440 Tons	110 Tons	220 Tons	6" SYS	9" SYS	165 Tons	165 Tons	165 Tons							7.5" QC/QA-PCCP, Decorative Adobe	14.5" Variable Depth	6" SYS	9" SYS	6" SYS	9" SYS	Tons		Tons				6" SYS
US 41																																						16,789	
SR 352 West Approach	Public Appr.								1.56																														
SR 352 East Approach	Public Appr.								-1.56																														
TOTALS (SYS or LFT)																							9,545	8,210	8,210	8,210												16,789	
TOTALS (CYS or Tons)																										20								1,476					
TOTALS (Each)																																							

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER		7/2023 DATE
DESIGNED: NK	DRAWN: NK	
CHECKED: BBV	CHECKED: BBV	

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT QUANTITIES AND APPROACH TABLE	

SCALE N/A	BRIDGE FILE N/A	
	DESIGNATION 2100058	
	SHEETS 25 of 37	
CONTRACT T-43690	PROJECT 2100058	

Plot: 1/22/2025 12:29 PM

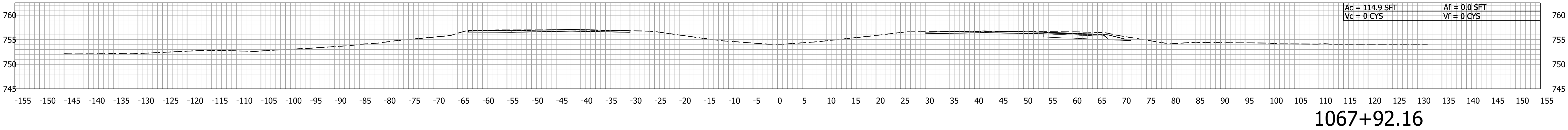
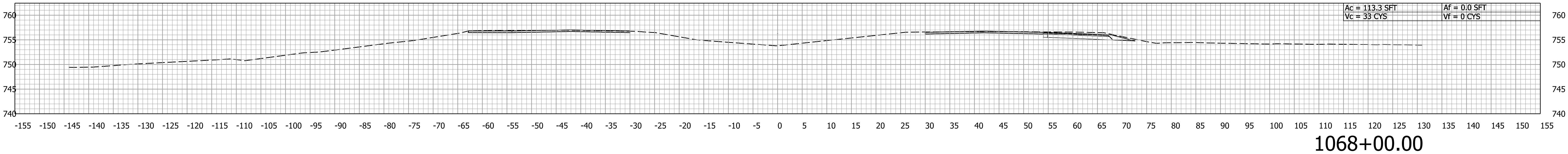
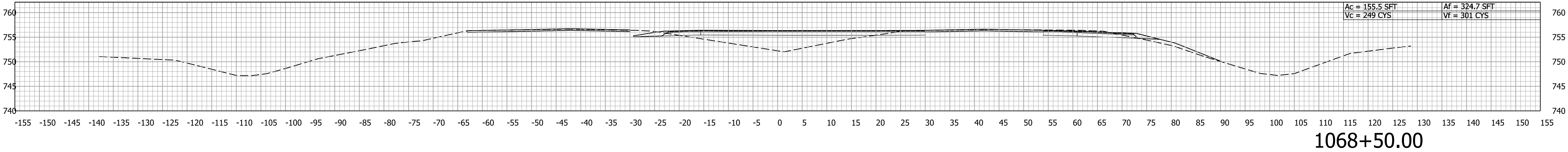
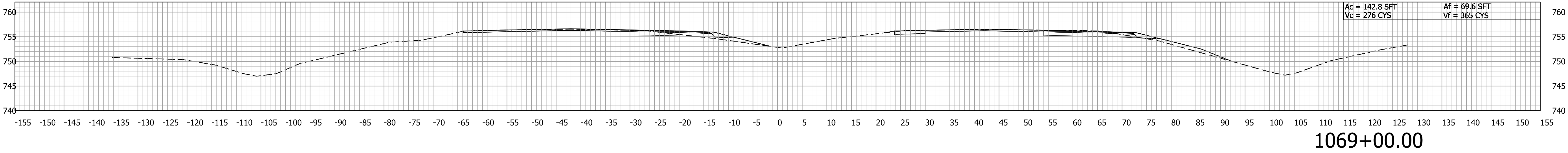
File: 221641 StrData Table.dgn
Model: PAVMENT QUANTITIES

STRUCTURE DATA																																								
STRUCTURE NUMBER	LOCATION					PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	FLOWLINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	REVTMENT RIPRAP	CLASS 2 RIPRAP	GEOTEXTILES, TYPE 1A	VIDEO INSPECTION FOR PIPES	PIPE END SECTION CONCRETE	PIPE ANCHOR	GRATED BOX END SECTION, TYPE 2		SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS										
	STATION	LEFT	RIGHT	CROSS	OFFSET						FT	IN													UP STREAM	DOWN STREAM	ELEV.	ELEV.			YR.	CYS	TON	TON	SYS	LFT	EACH	EACH	SLOPE	EACH
Existing Structures																																								
	Line "A" - US 41																																							
100	1068+11	X			7.1	36	1	Ex. Pipe, Do Not Disturb	86			746.67	745.77																											
101	1068+25			X	-	36	1	Ex. Pipe, Do Not Disturb	186			746.96	746.68																											
102	1068+30	X			29.4	15	4	Ex. Pipe, Do Not Disturb	N/A			D.I.F.	746.71																											
103	1068+32		X		0.0	18	2	Ex. Catch Basin, Remove & Plug Pipe	5			750.67	D.I.F.																											
104	1075+48		X		105.5	30	1	Ex. Pipe	87			749.63	749.32																	Ex. PVC inside CM Pipe										
105	1075+59	X			104.8	36	1	Ex. Pipe	84			749.28	749.03																	Ex. CM Pipe										
106	1075+59	X			3.9	2	2	Ex. Catch Basin, Remove & Plug Pipe	N/A			754.84	D.I.F.																											
107	1075+65		X		8.3	18	2	Ex. Catch Basin, Remove Pipe	84			752.49	D.I.F.																											
Proposed Structures																																								
	Line "A" - US 41																																							
200	1068+32		X		0.0	18	2	Inlet, P12	90			751.02	749.94	75	NA	7.0	1	72	1	5		11		1																
201	1069+13		X		2.2	18	2	Inlet, N12	90			751.92	749.22	75	NA	7.0	1	72	1	5		11		1																
201A	1069+22		X		2.2	18	2	Inlet, N12	6			752.04	751.92	75	NA	7.0	1	5	1										201											
202								Not Used																																
203								Not Used																																
204	1075+64		X		106.0	30	1	Pipe	11			749.67	749.63	75	A	7.0	1	9	1	14		18		1					104											
205	1075+91	X			104.8	36	1	Pipe	24			749.35	749.28	75	A	7.0	1	20	1	20		21		1					105											
206	1075+65			X	5.0	24	2	Mod. Inlet, N12	78			752.42	752.00	75	NA	7.0	1	63	1	9		14		1																
206A	1075+74			X	5.0	24	2	Mod. Inlet, N12	6			752.52	752.49	75	NA	7.0	1	5	1	9		14						206	Median Inlet Mod. For Pipe Size											
207	1084+10			X	8.3	24	2	Mod. Inlet, N12	66			755.62	754.00	75	NA	7.0	1	53	1	9		14		1																
207A	1084+19			X	8.3	24	2	Mod. Inlet, N12	6			755.72	755.69	75	NA	7.0	1	5	1	9		14						207	Median Inlet Mod. For Pipe Size											

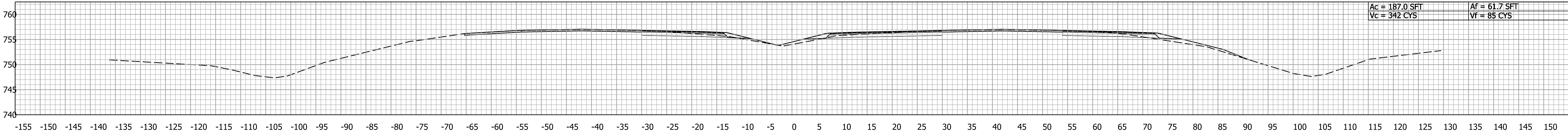
RECOMMENDED FOR APPROVAL		7/2023 DATE	
DESIGNED: NK		DRAWN: NK	
CHECKED: BBV		CHECKED: BBV	

INDIANA DEPARTMENT OF TRANSPORTATION	
STRUCTURE DATA TABLE	

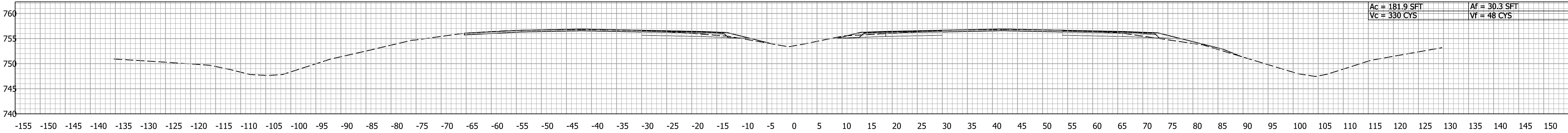
SCALE N/A		BRIDGE FILE N/A	
		DESIGNATION 2100058	
		SHEETS 26 of 37	
CONTRACT T-43690		PROJECT 2100058	



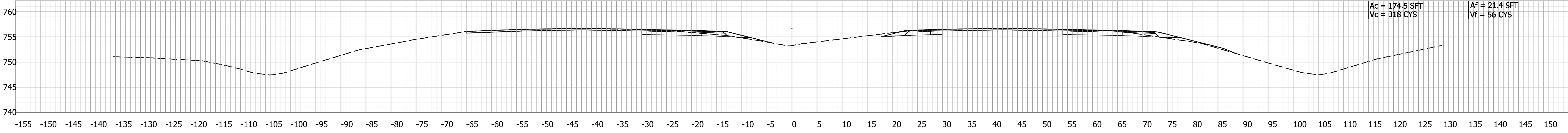
				INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
						N/A	
						SCALE 1" = 10'	
						DESIGNATION	
		CROSS SECTIONS LINE "A" - U.S. 41				SHEETS	
						SURVEY BOOK	
						ELECTRONIC	
						CONTRACT	PROJECT
						27	of 37



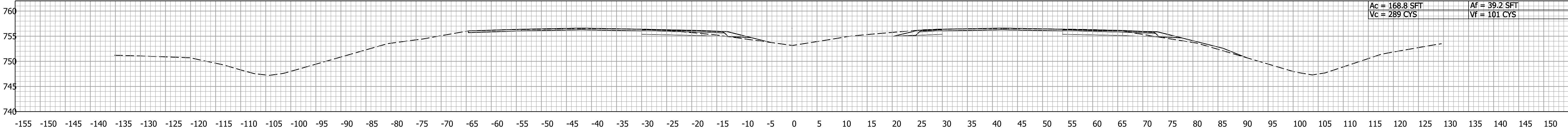
1071+00.00



1070+50.00



1070+00.00



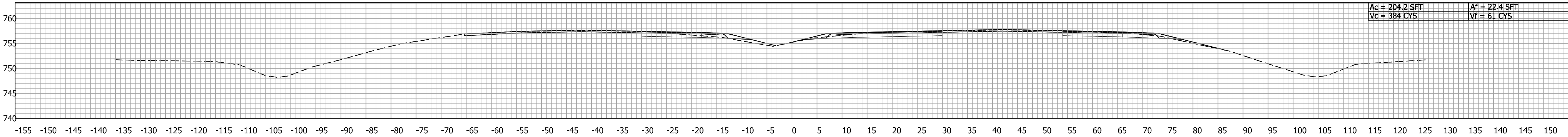
1069+50.00

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

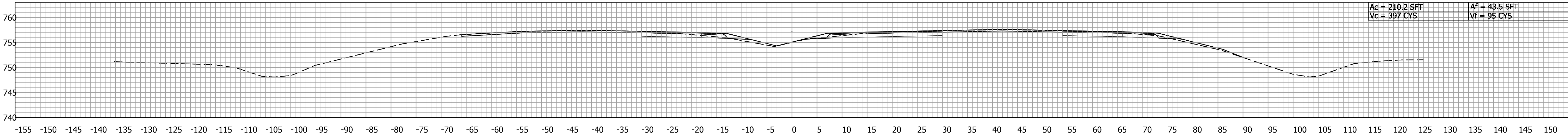
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" - U.S. 41

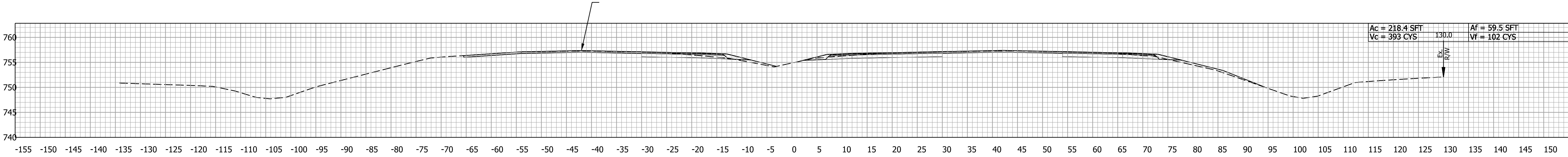
BRIDGE FILE		
N/A		
DESIGNATION		
SCALE 1" = 10'		
SHEETS		
SURVEY BOOK	28	of 37
ELECTRONIC	PROJECT	
CONTRACT		



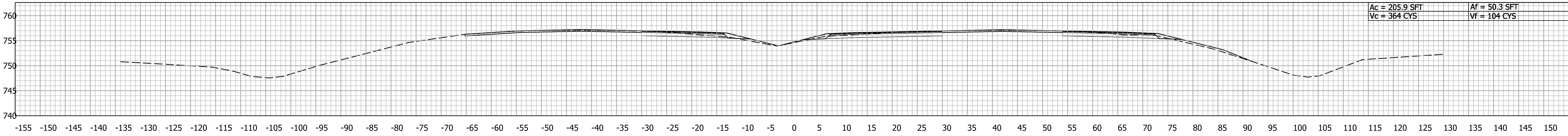
1073+00.00



1072+50.00

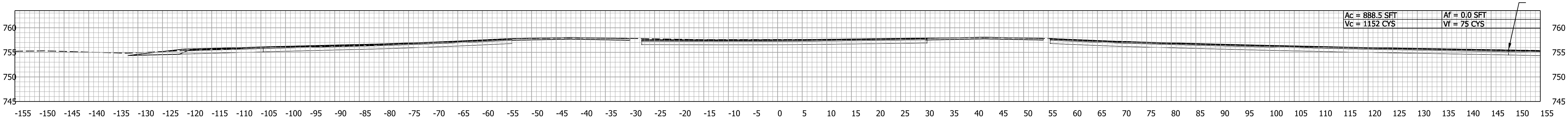


1072+00.00

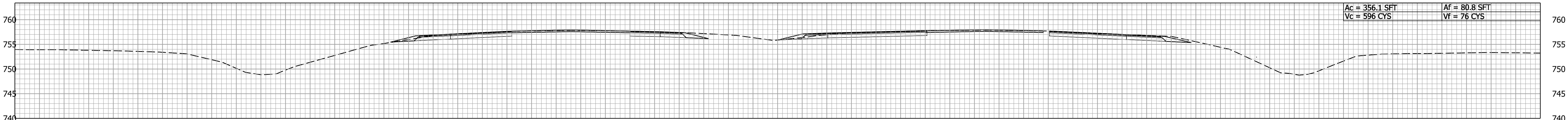


1071+50.00

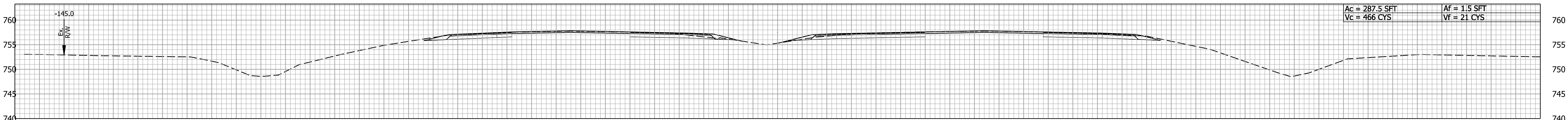
		RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
		DESIGN ENGINEER _____ DATE _____				N/A	
		DESIGNED: _____ NSK _____		CROSS SECTIONS LINE "A" - U.S. 41		SCALE	
		DRAWN: _____ NSK _____				1" = 10'	
		CHECKED: _____ BBV _____		SURVEY BOOK		SHEETS	
		CHECKED: _____ BBV _____		ELECTRONIC		29 of 37	
				CONTRACT		PROJECT	



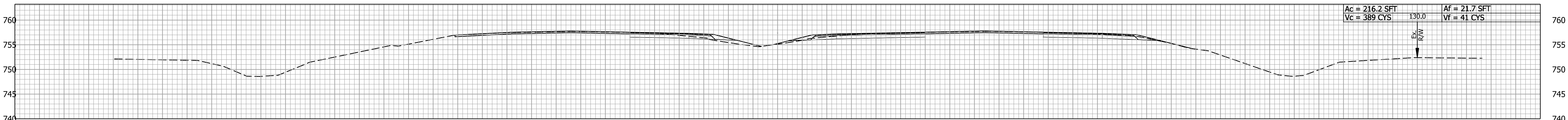
1075+00.00



1074+50.00



1074+00.00



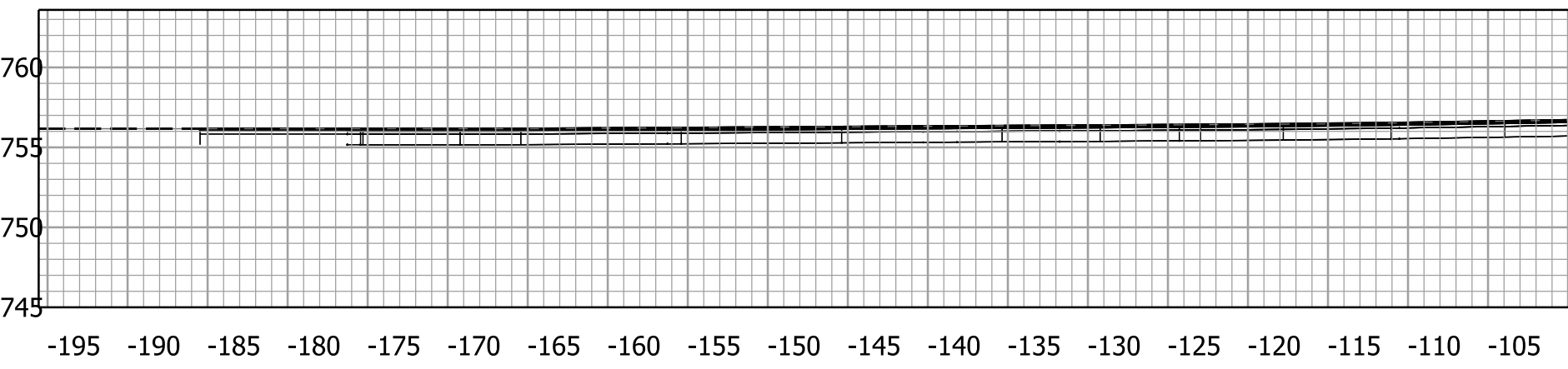
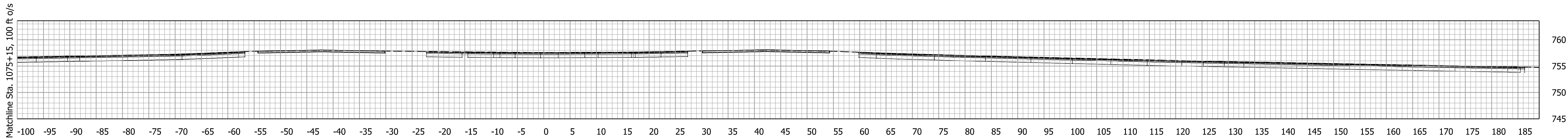
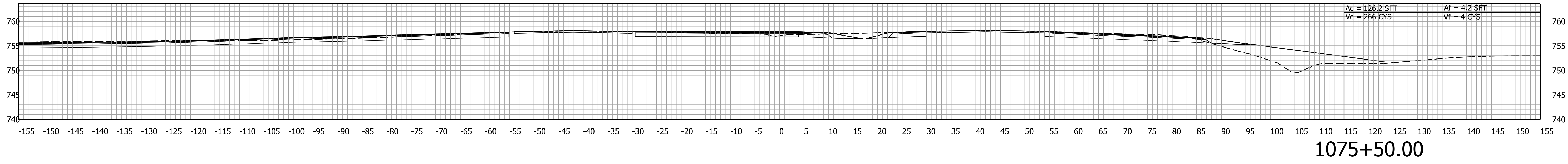
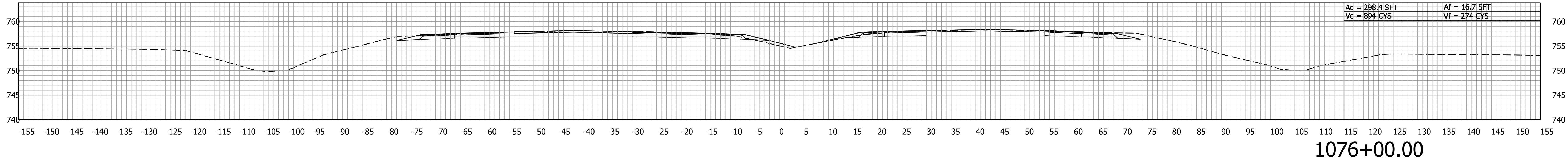
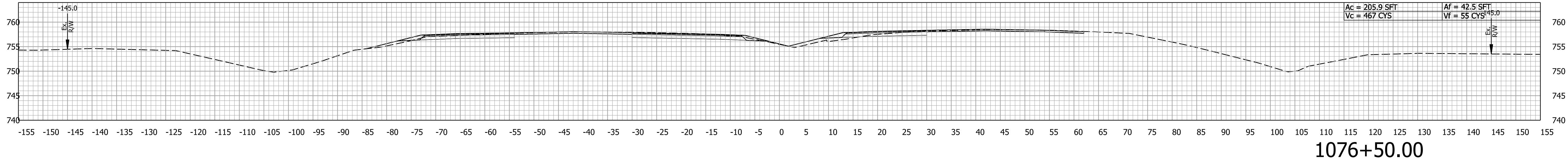
1073+50.00

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

INDIANA
DEPARTMENT OF TRANSPORTATION

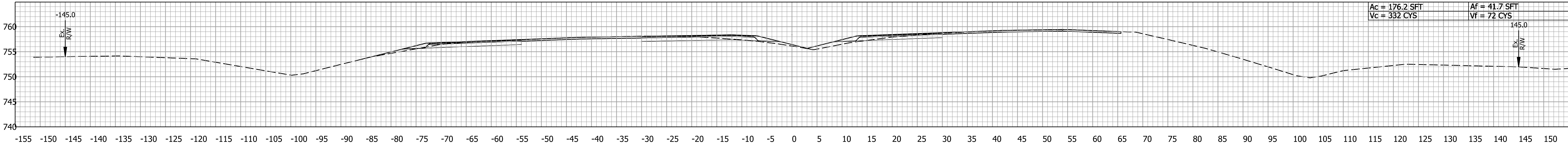
CROSS SECTIONS
LINE "A" - U.S. 41

BRIDGE FILE		
N/A		
DESIGNATION		
SCALE 1" = 10'		
SURVEY BOOK		
ELECTRONIC	30	of 37
CONTRACT		
PROJECT		

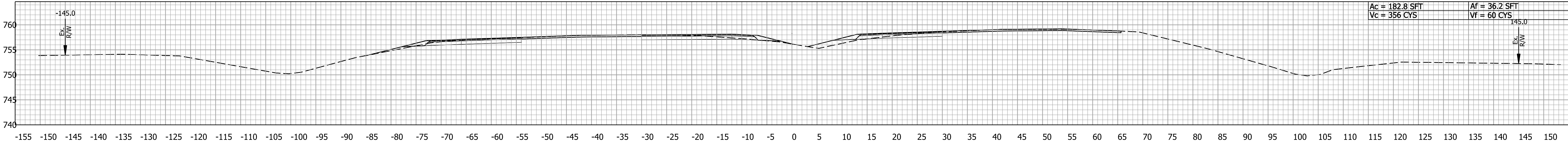


1075+15.00
SR 352 Public Road Approaches

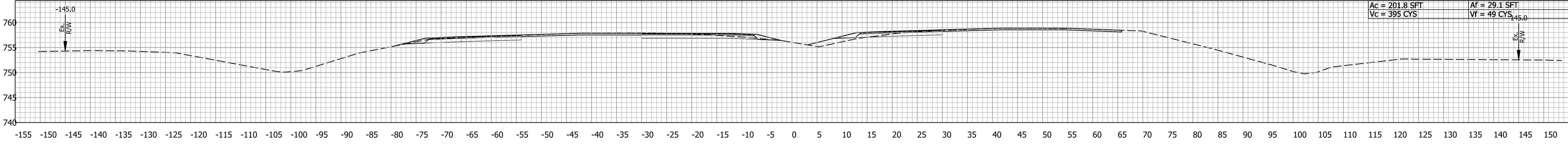
RECOMMENDED FOR APPROVAL	INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
			N/A	
	DESIGNED: _____ NSK DRAWN: _____ NSK		DESIGNATION	
			SHEETS	
CHECKED: _____ BBV	CROSS SECTIONS LINE "A" - U.S. 41		31 of 37	
			PROJECT	



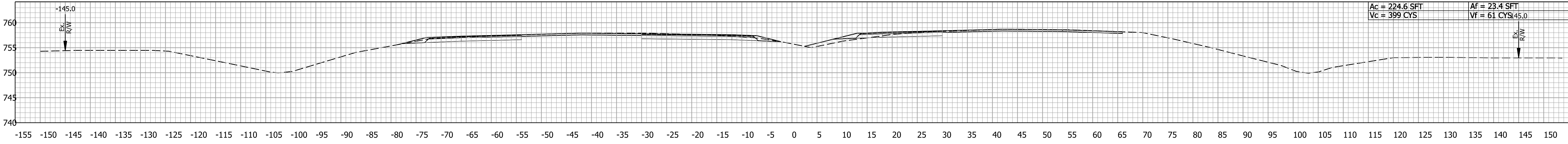
1078+50.00



1078+00.00



1077+50.00



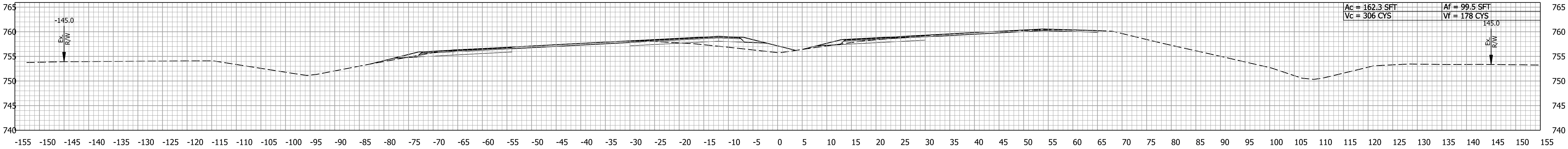
1077+00.00

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

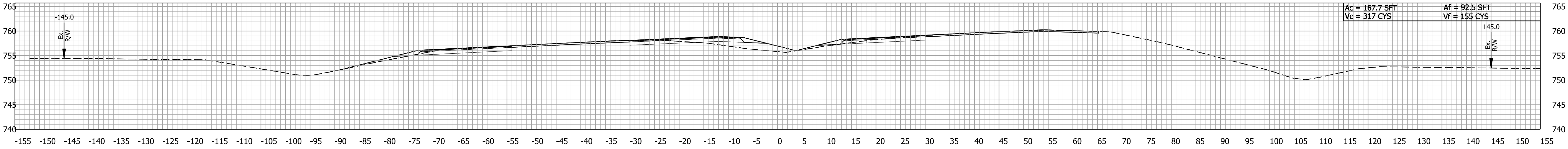
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" - U.S. 41

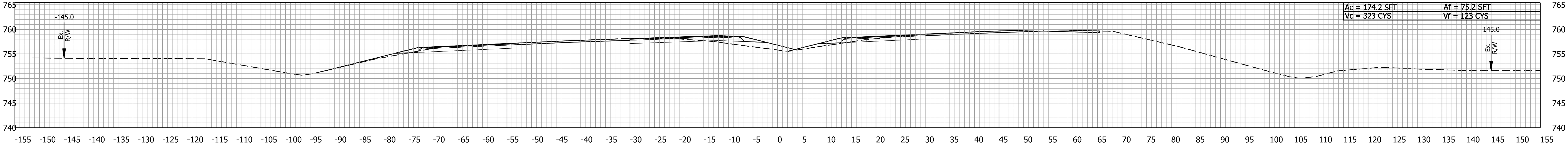
BRIDGE FILE		
N/A		
DESIGNATION		
SCALE 1" = 10'		
SHEETS		
SURVEY BOOK	32	of 37
ELECTRONIC	PROJECT	
CONTRACT		



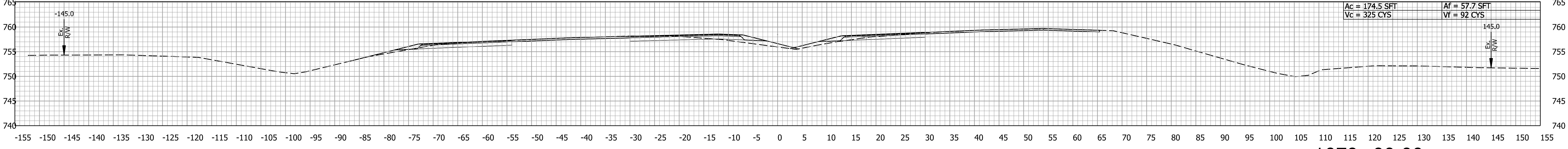
1080+50.00



1080+00.00

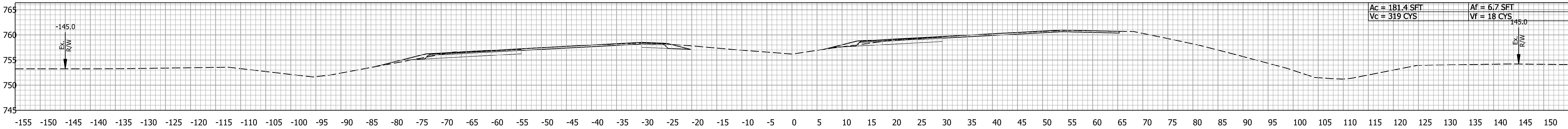


1079+50.00

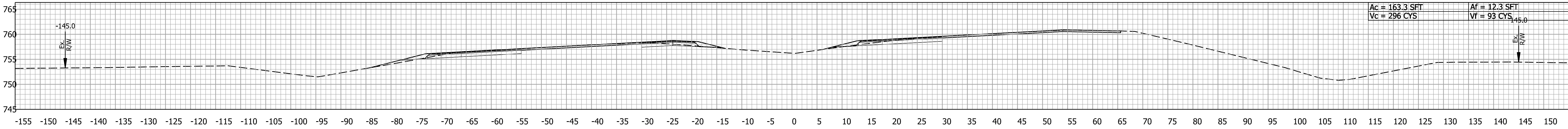


1079+00.00

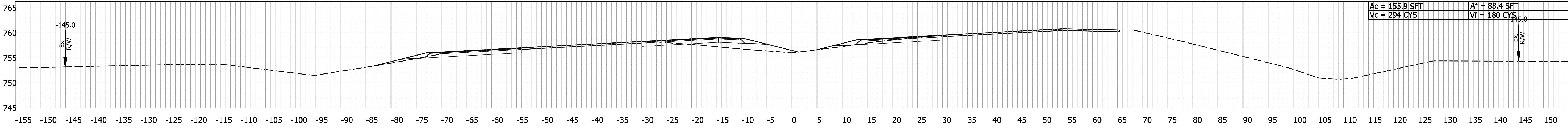
RECOMMENDED FOR APPROVAL			INDIANA DEPARTMENT OF TRANSPORTATION				BRIDGE FILE										
							N/A										
					SCALE		DESIGNATION										
					1" = 10'												
DESIGNED: _____		NSK		DRAWN: _____		NSK		CROSS SECTIONS LINE "A" - U.S. 41		SURVEY BOOK		SHEETS					
										33		of		37			
CHECKED: _____		BBV		CHECKED: _____		BBV						CONTRACT		PROJECT			



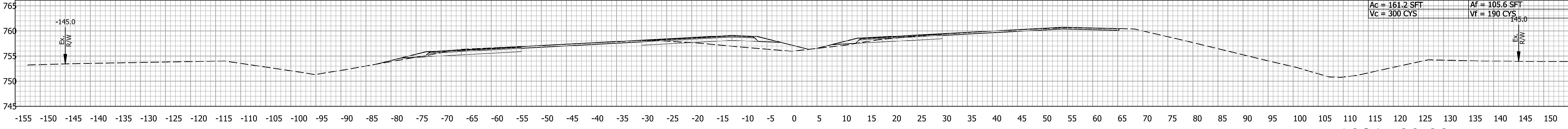
1082+50.00



1082+00.00

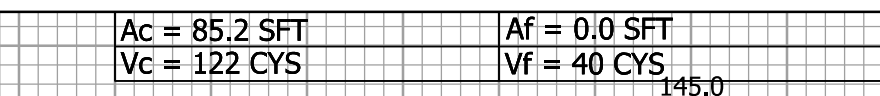
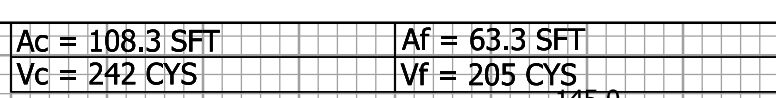


1081+50.00

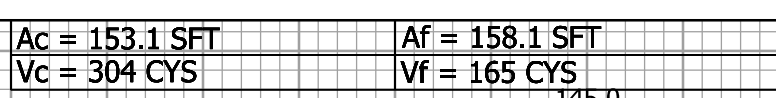


1081+00.00

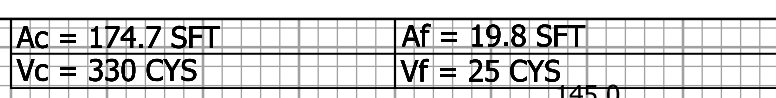
RECOMMENDED FOR APPROVAL			INDIANA DEPARTMENT OF TRANSPORTATION			BRIDGE FILE		
						N/A		
	DESIGN ENGINEER			DATE		DESIGNATION		
						1" = 10'		
DESIGNED: _____	NSK	DRAWN: _____	NSK	CROSS SECTIONS LINE "A" - U.S. 41	SURVEY BOOK		SHEETS	
					ELECTRONIC		34	of 37
CHECKED: _____	BBV	CHECKED: _____	BBV		CONTRACT		PROJECT	


$$1084 + 34.08$$


1084+00.00

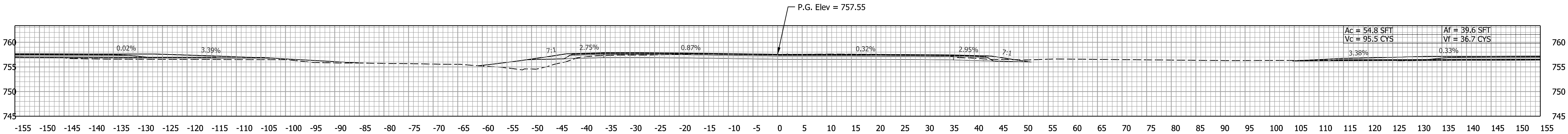


1083+50.00

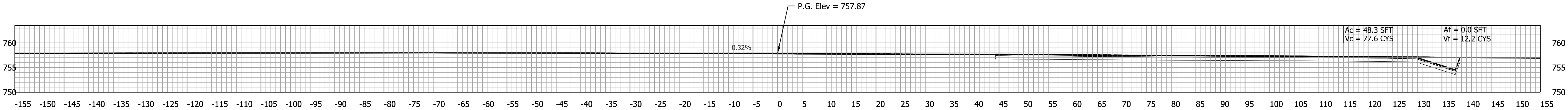


1083+00.00

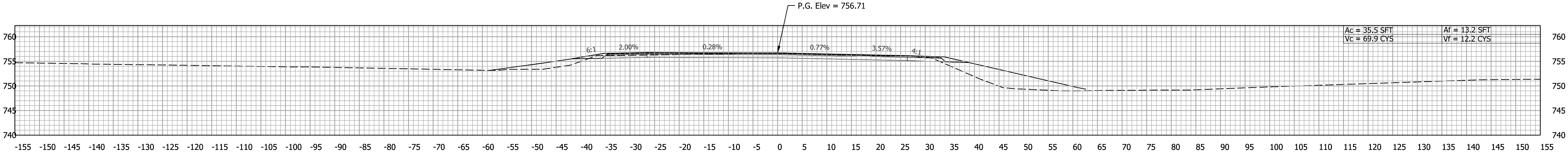
RECOMMENDED FOR APPROVAL			INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
					N/A	
	DESIGN ENGINEER	DATE		SCALE 1" = 10'	DESIGNATION	
DESIGNED: <u>NSK</u>	DRAWN: <u>NSK</u>	CROSS SECTIONS LINE "A" - U.S. 41	SURVEY BOOK	SHEETS		
CHECKED: <u>BBV</u>	CHECKED: <u>BBV</u>		ELECTRONIC	35	of	37
			CONTRACT	PROJECT		



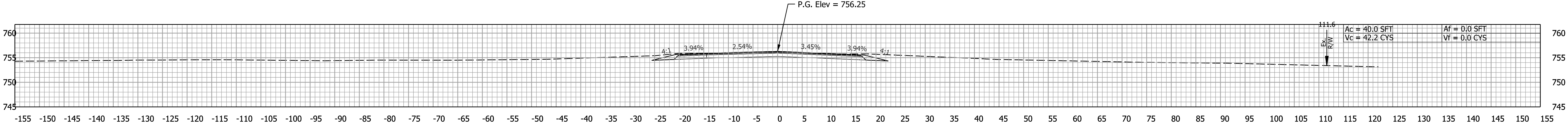
50+00.00



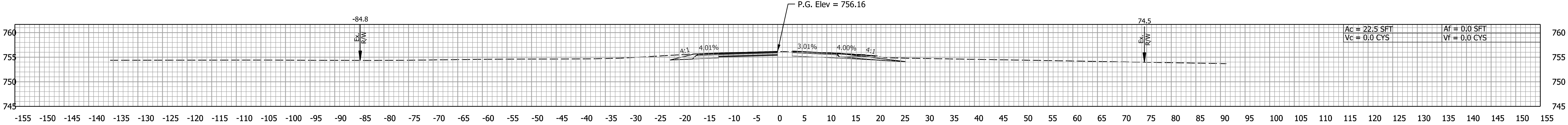
49+50.00



49+00.00



48+50.00



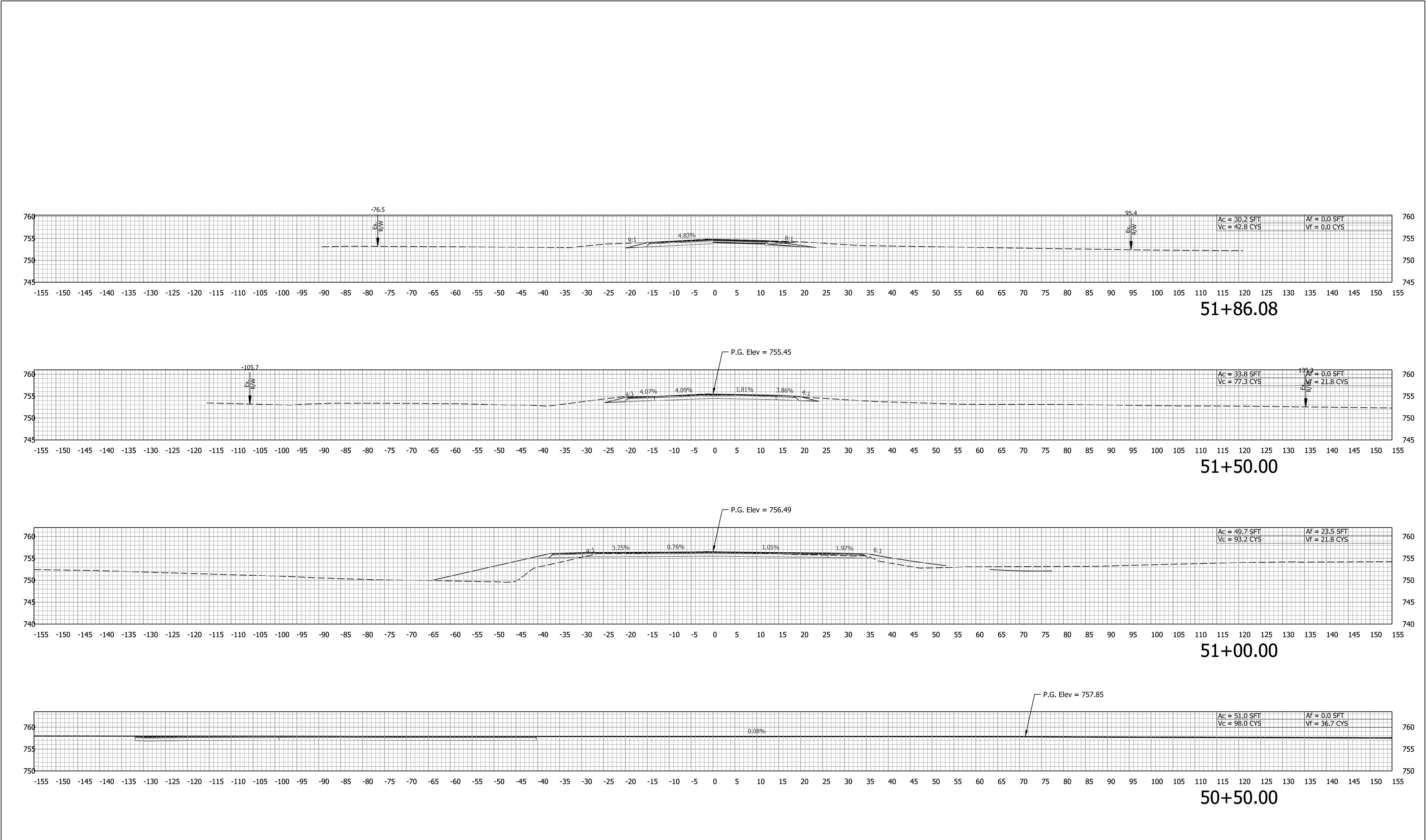
48+13.52

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ NSK	DRAWN: _____ NSK
CHECKED: _____ BBV	CHECKED: _____ BBV

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S-SR352-J" - S.R. 352

BRIDGE FILE N/A		
SCALE 1" = 10'		
SHEETS		
SURVEY BOOK	36	of 37
ELECTRONIC	PROJECT	
CONTRACT		



			RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION	BRIDGE FILE		
			DESIGN ENGINEER _____ DATE _____			N/A		
						SCALE		
						1" = 10'		
DESIGNED: _____ NSK _____		DRAWN: _____ NSK _____		CROSS SECTIONS LINE "S-SR352-J" - S.R. 352	SURVEY BOOK		SHEETS	
					ELECTRONIC		37 of 37	
CHECKED: _____ BBV _____		CHECKED: _____ BBV _____			CONTRACT		PROJECT	