

PROJECT	DESIGNATION NO.
1801684	1801684
CONTRACT	
R-41534	

INDIANA DEPARTMENT OF TRANSPORTATION

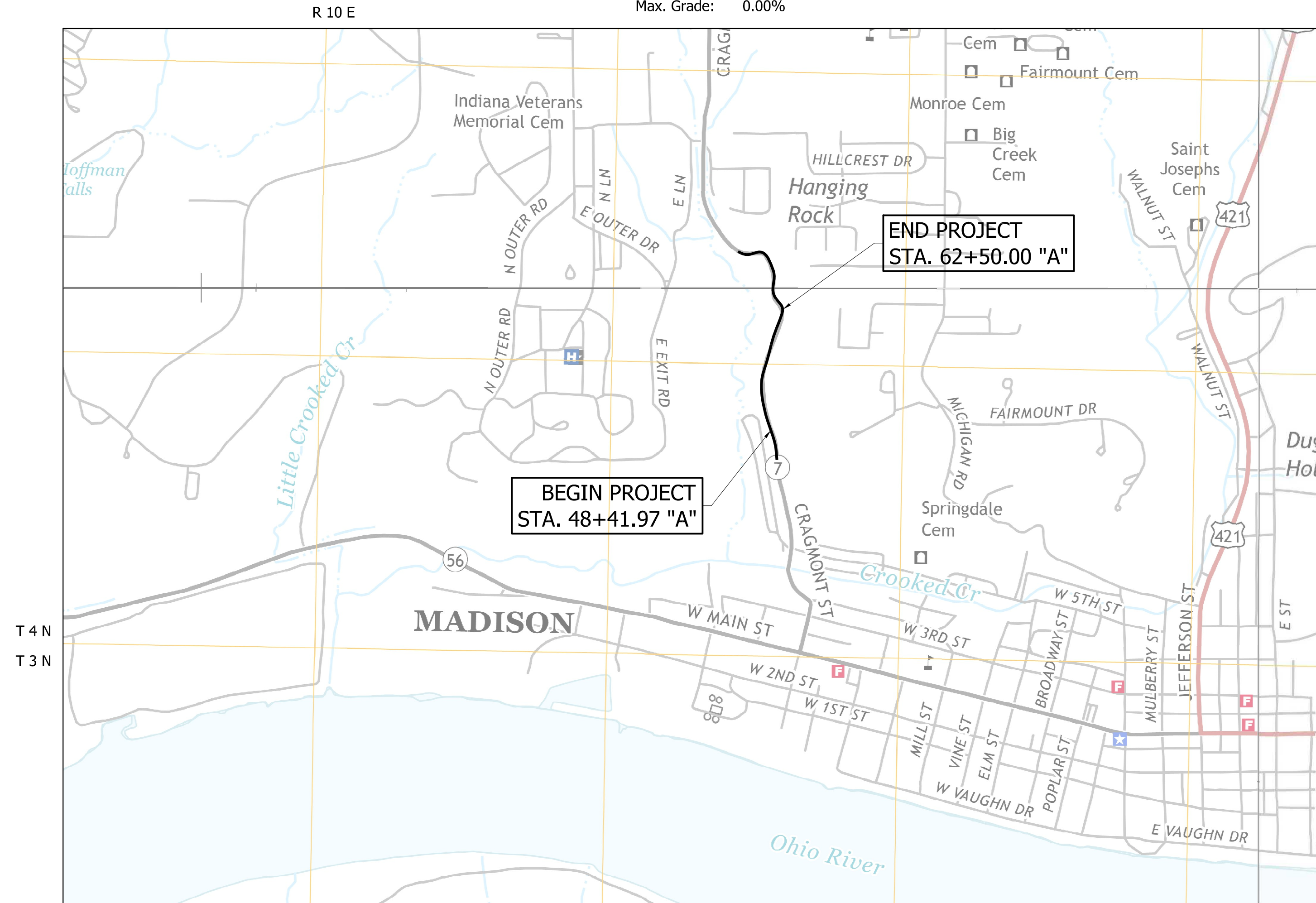


ROAD PLANS

ROUTE: SR 7 FROM: RP 0+51 TO RP 0+78
PROJECT NO. 1801684 P.E.
 1801684 R/W
 1801684 CONST.

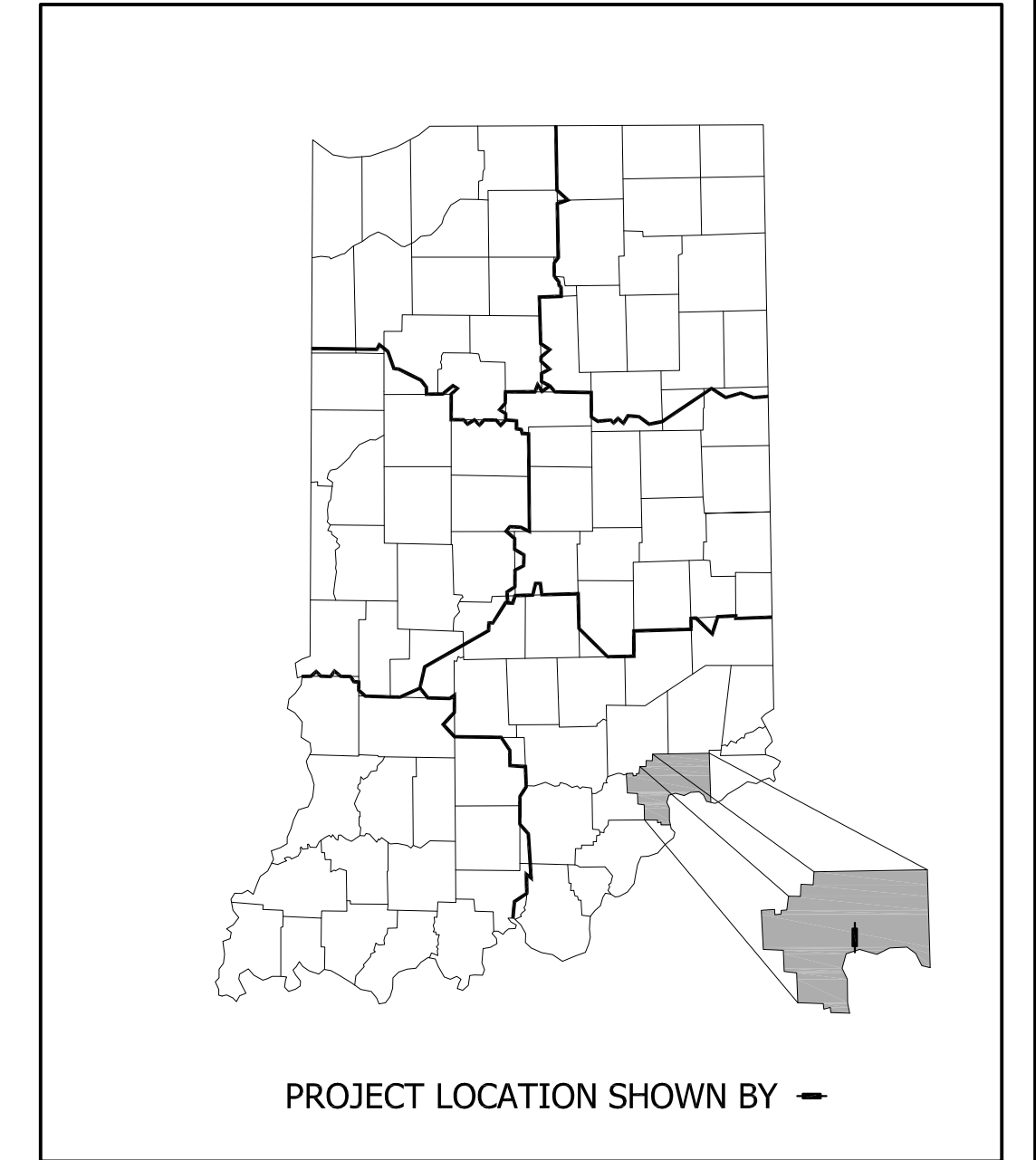
Slide Correction along State Road 7
Approximately 0.5 Mile North of State Road 56,
In Section 34, T.4.N, R.10.E, Madison Township
Jefferson County, Indiana

Gross Length: 0.26 Mi.
Net Length: 0.26 Mi.
Max. Grade: 0.00%

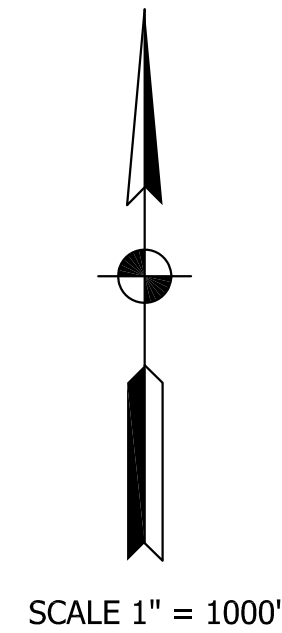


LOCATION MAP

TRAFFIC DATA		STATE ROAD 7	
A.A.D.T. (2023)		5442 V.P.D.	
A.A.D.T. (2043)		5442 V.P.D.	
D.H.V. (2043)		571 V.P.H.	
DIRECTIONAL DISTRIBUTION		48.8%	
TRUCKS		10.46% D.H.V.	
		7.47% A.A.D.T.	
DESIGN DATA		STATE ROAD 7	
DESIGN SPEED		30 MPH	
PROJECT DESIGN CRITERIA		Partial 3R	
FUNCTIONAL CLASSIFICATION		Principal Arterial	
RURAL/URBAN		Rural	
TERRAIN		Rolling	
ACCESS CONTROL		None	



LATITUDE: 38°44'50" NORTH
LONGITUDE: 85°23'40" WEST



STAGE 2 PLANS - 8/1/2020

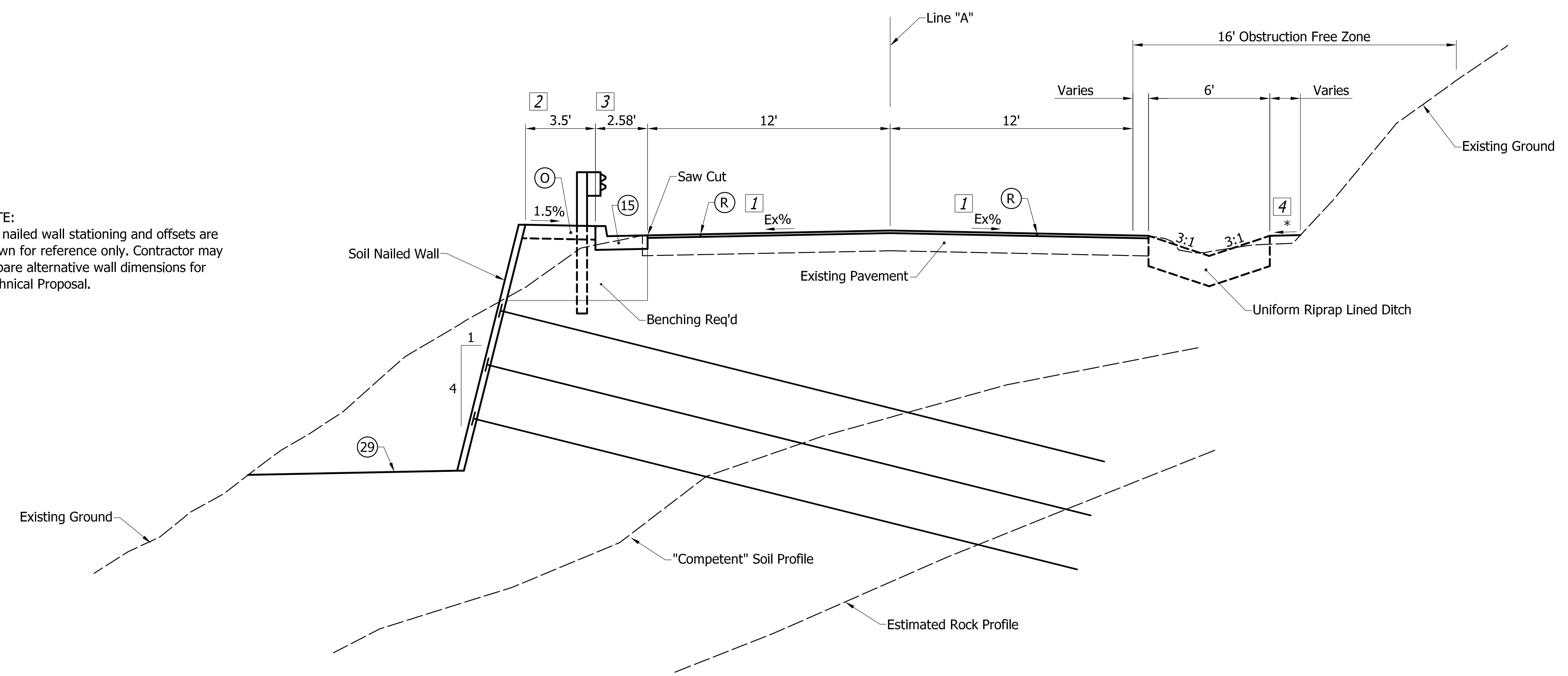
[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS]



PLANS PREPARED BY:	USI Consultants, Inc.	317-544-4996
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

DESIGNATION NO.	
1801684	
SHEETS	
1	of 50
PROJECT NO.	
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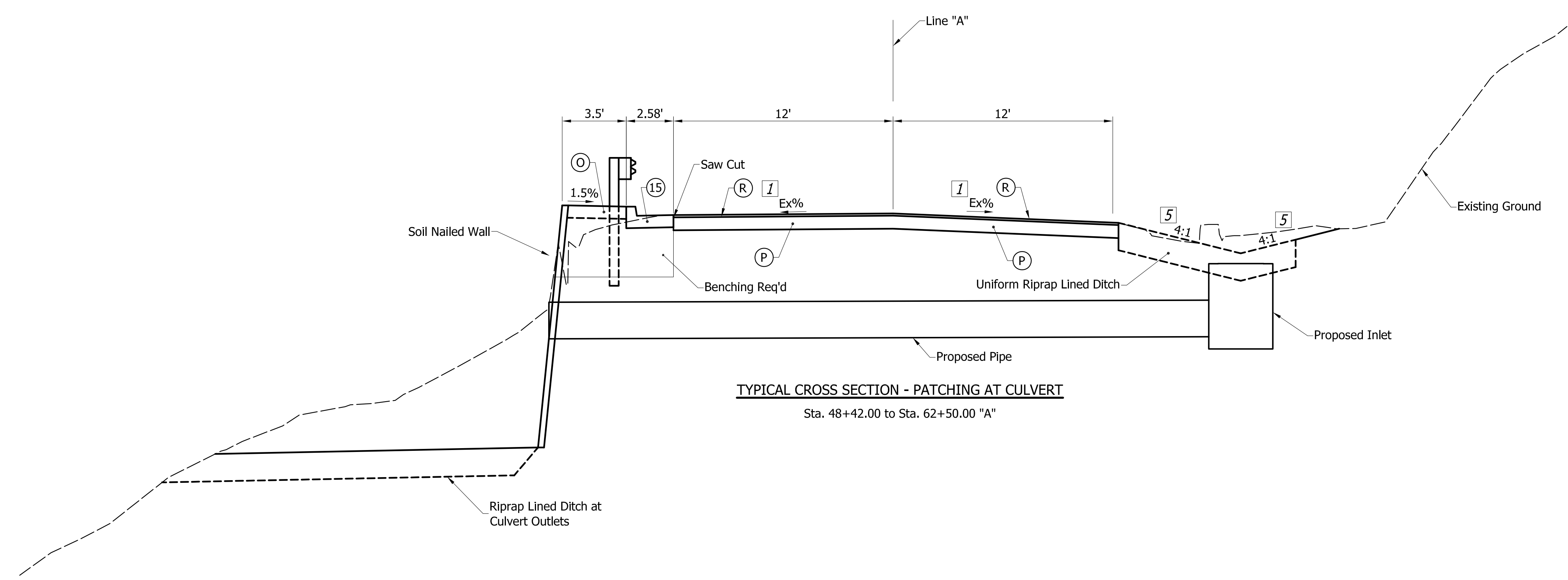
NOTE:
Soil nailed wall stationing and offsets are shown for reference only. Contractor may prepare alternative wall dimensions for Technical Proposal.



TYPICAL CROSS SECTION - RESURFACING
Sta. 48+42.00 to Sta. 62+50.00 "A"

- LEGEND**
- (R) HMA OVERLAY
165#/Syd. QC/QA-HMA, 2, 70, Surface 9.5 mm on Milling of Existing Pavement
 - (O) Compacted Aggregate No. 53, Shoulder
 - (P) HMA FOR PATCHING
935#/Syd.HMA Patching Type B
 - (15) Combined Concrete Curb and Gutter
 - (29) Mulched Seeding, R

- NOTES:**
- (1) Match Existing Cross Slope
 - (2) Varies from 3.5' @ Sta. 62+27 to 2.5' @ Sta. 67+42
 - (3) Varies from 2.0' Gutter @ Sta. 62+27 to 1.5' Gutter @ Sta. 67+42
 - (4) Slope Varies, See Cross Sections
 - (5) Transition riprap slope from 3:1 to 4:1 @ Inlets



TYPICAL CROSS SECTION - PATCHING AT CULVERT
Sta. 48+42.00 to Sta. 62+50.00 "A"

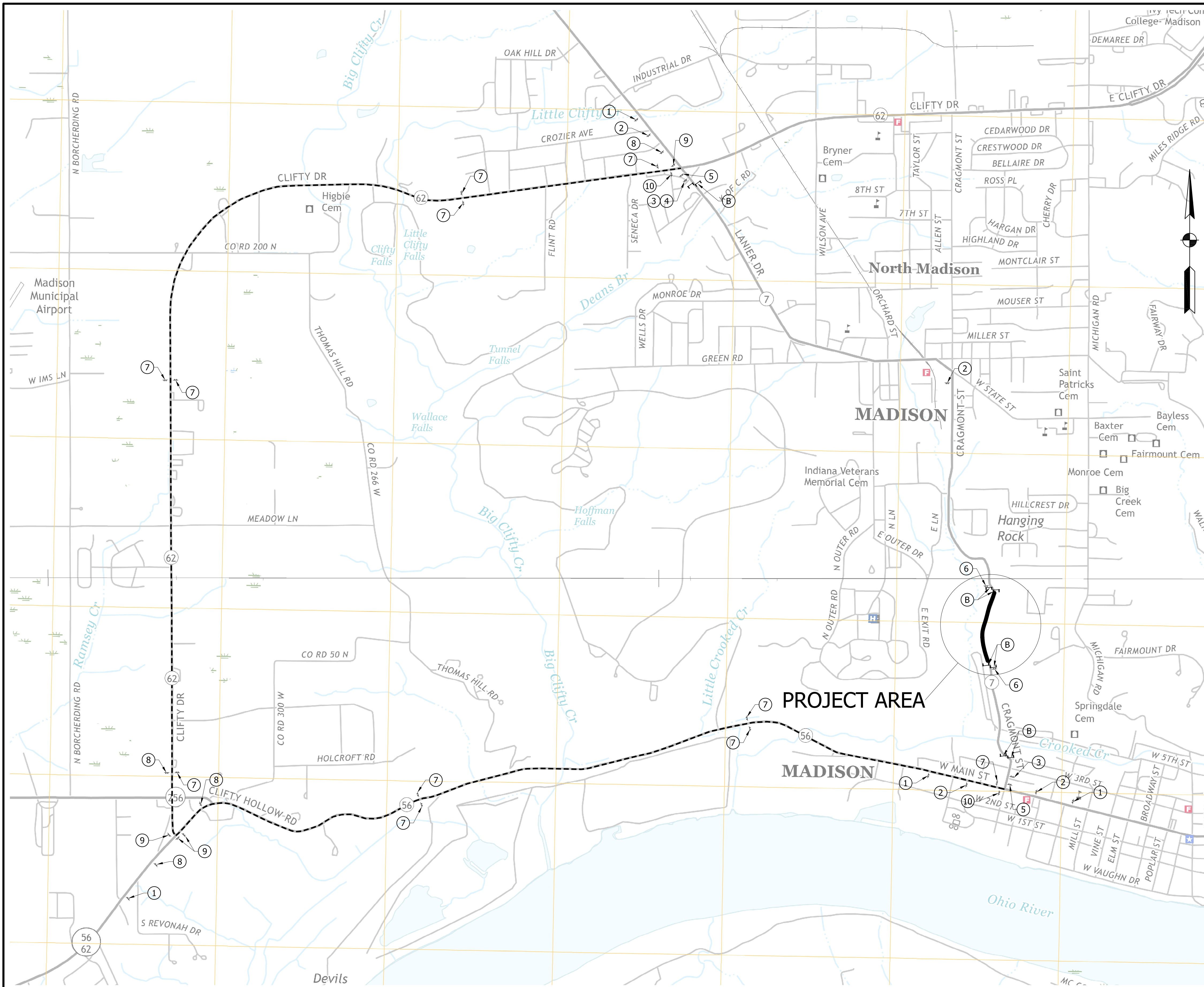
NOT FOR CONSTRUCTION

DESIGNED: CNC	DRAWN: CNC
CHECKED: GRW	CHECKED: GRW

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
STATE ROAD 7**

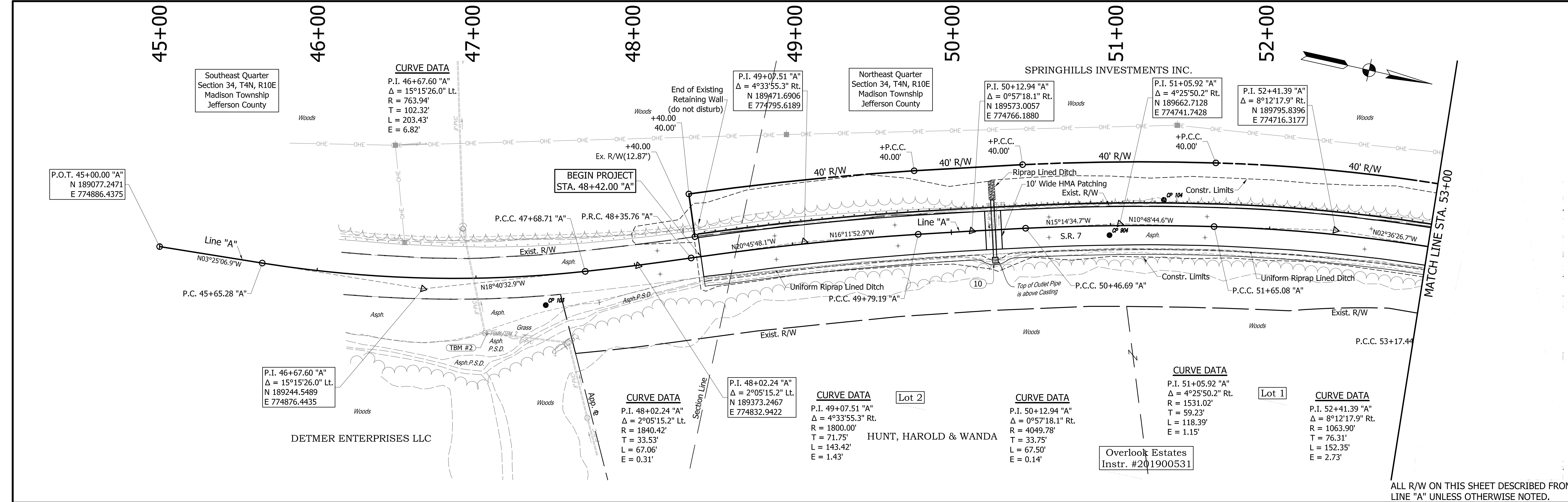
HORIZONTAL SCALE 1" = 4'	BRIDGE FILE
VERTICAL SCALE 1" = 4'	DESIGNATION 1801684
SURVEY BOOK	SHEETS 3 of 50
CONTRACT R-41534	PROJECT 1801684



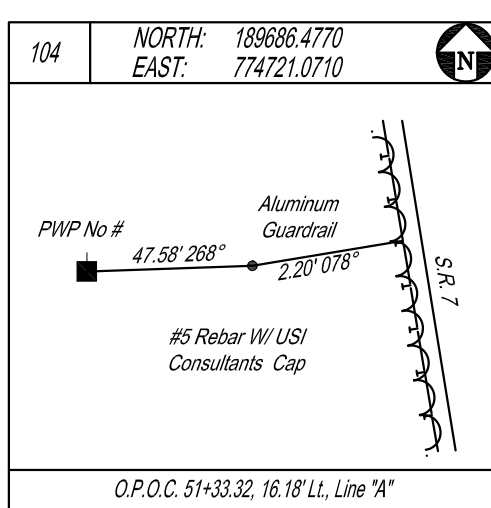
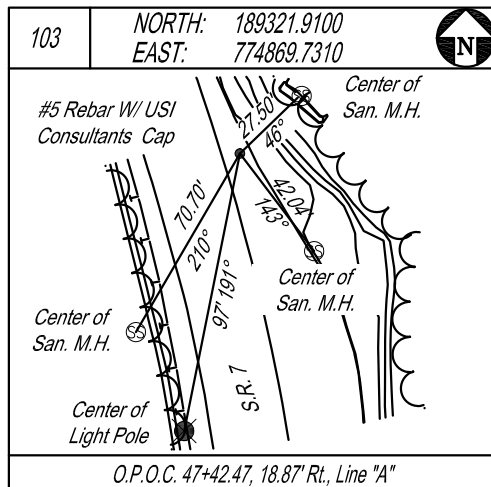
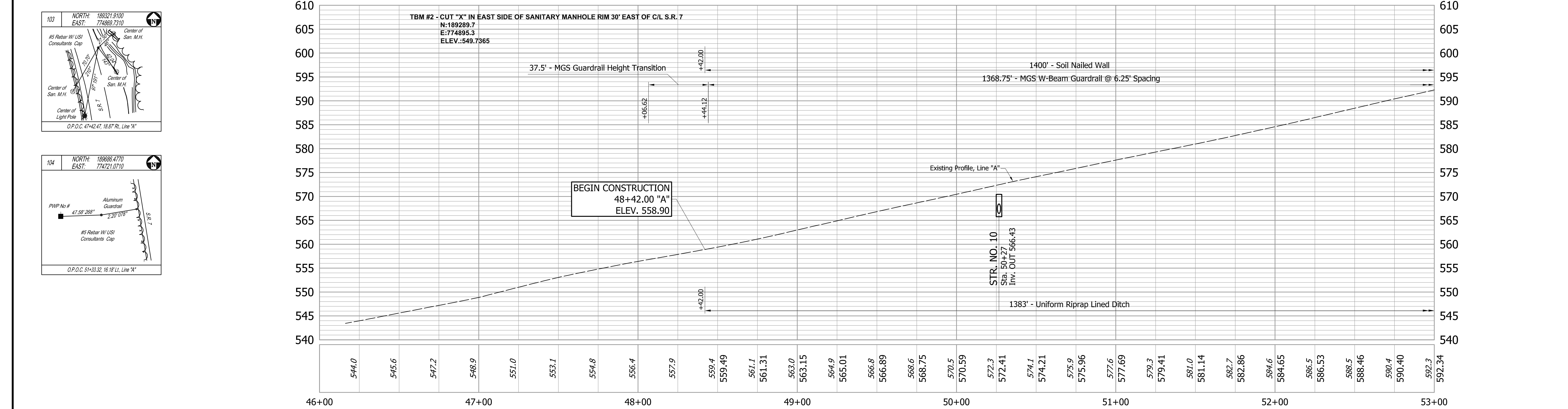
LEGEND	DESCRIPTION	SIZE	TYPE	NO.	
①		XW20-2	48" X 48"	A	4
②		XW20-3	48" X 48"	A	4
③		R11-4	60" X 30"	Road Closure Assembly	2
④		XM4-10 (L or R)	48" X 18"	B	3
⑤		XG20-6	60" X 30"	A	2
⑥		R11-2	48" X 30"	Road Closure Assembly	2
⑦		XM4-8 M1-5 (120) M3-1 or M3-3 M6-3	30" X 15" 30" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	9
⑧		XM4-8 M1-5 (120) M3-1 or M3-3 M5-1 (L or R)	30" X 15" 30" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	4
⑨		M1-5 (120) M3-1 or M3-3 M6-1 (L or R) XM4-8	30" X 24" 30" X 15" 21" X 15" 30" X 15"	Detour Route Assembly	4
⑩		XM4-6 XM4-8 M1-5 (120) M5-1 (L or R) or M6-3	30" X 15" 30" X 15" 30" X 24" 21" X 15"	Detour Route Assembly	2
ⓑ	TYPE III-B BARRICADE		12'		96 Lft.

----- DETOUR ROUTE

NOT FOR CONSTRUCTION	DESIGNED: CNC	DRAWN: CNC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	CHECKED: GRW	CHECKED: GRW		1" = 1000'	DESIGNATION
TRAFFIC MAINTENANCE - DETOUR ROUTE STATE ROAD 7			SURVEY BOOK		SHEETS
			CONTRACT R-41534		8 of 50
			PROJECT		1801684



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



COLOR CODE FOR UTILITY LOCATIONS

	ELECTRIC		SEWER (SANITARY)
	GAS-OIL-STEAM		SEWER (STORM)
	TELEPHONE-CATV		SEWER (COMBINATION)
	WATER		PROPOSED CONSTRUCTION

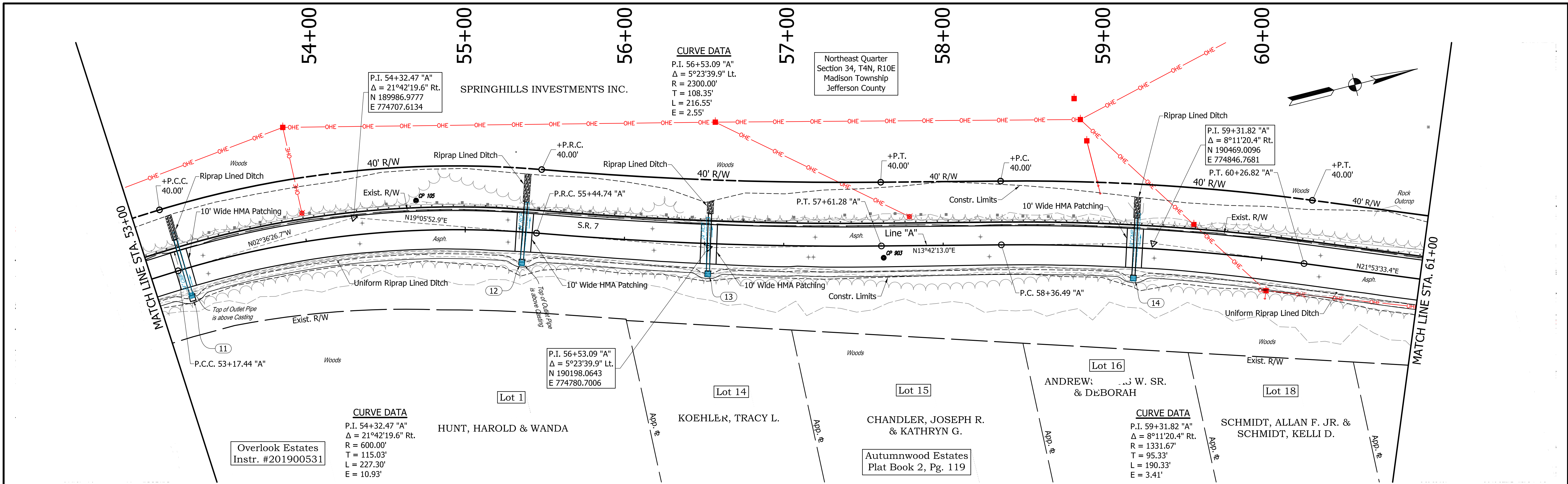
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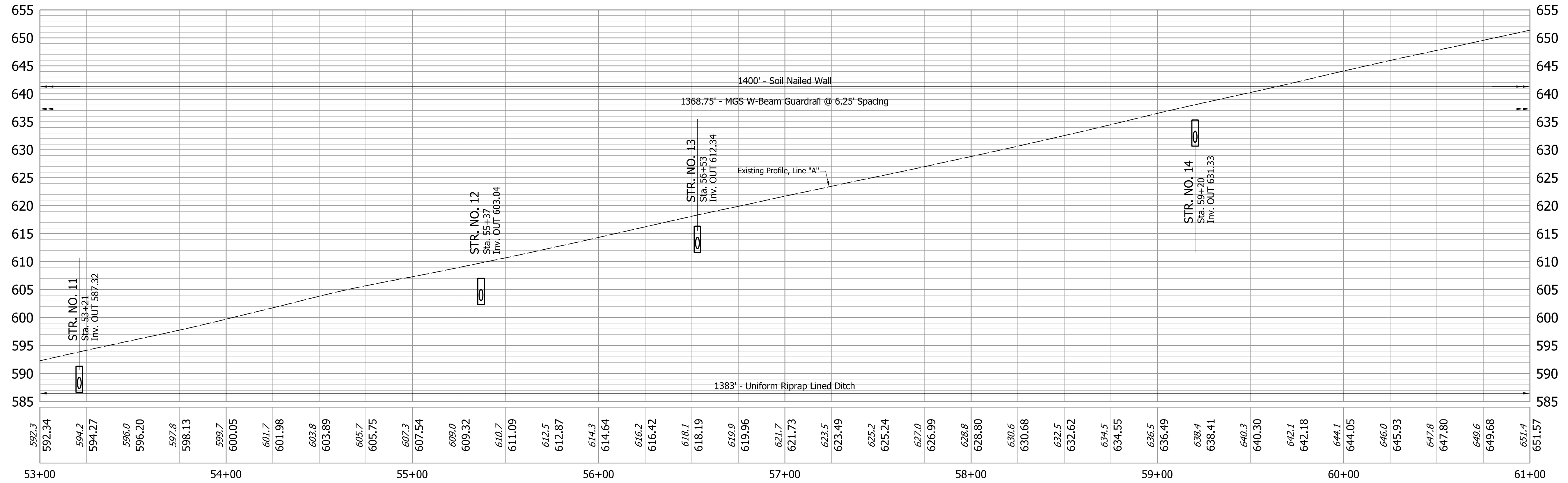
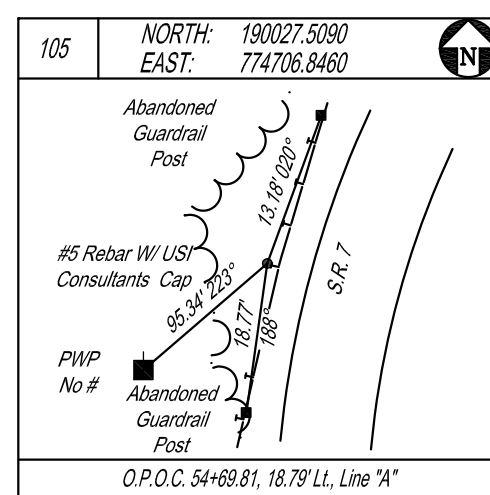
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE STATE ROAD 7

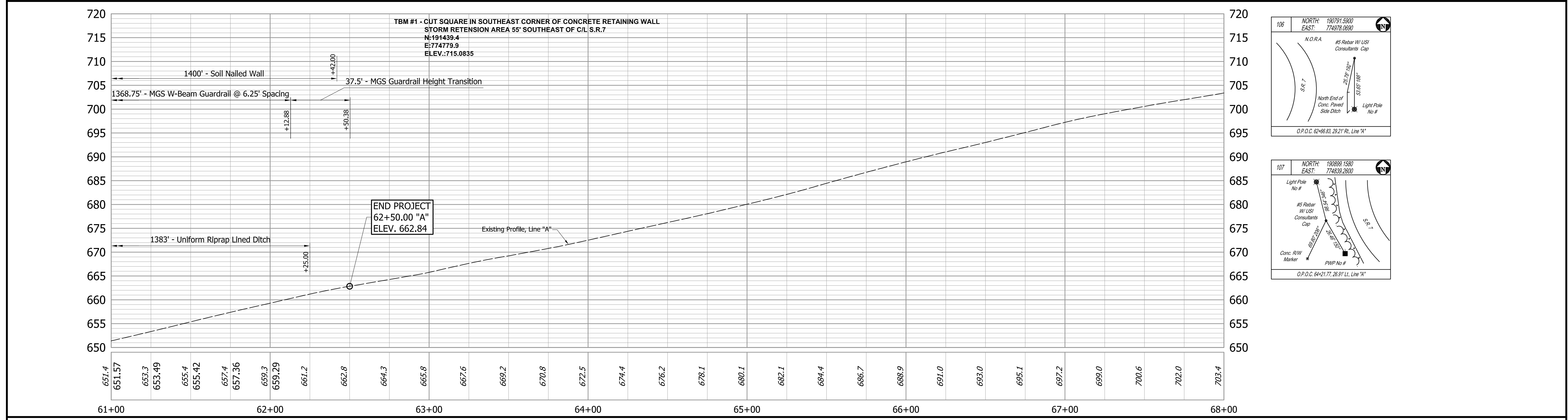
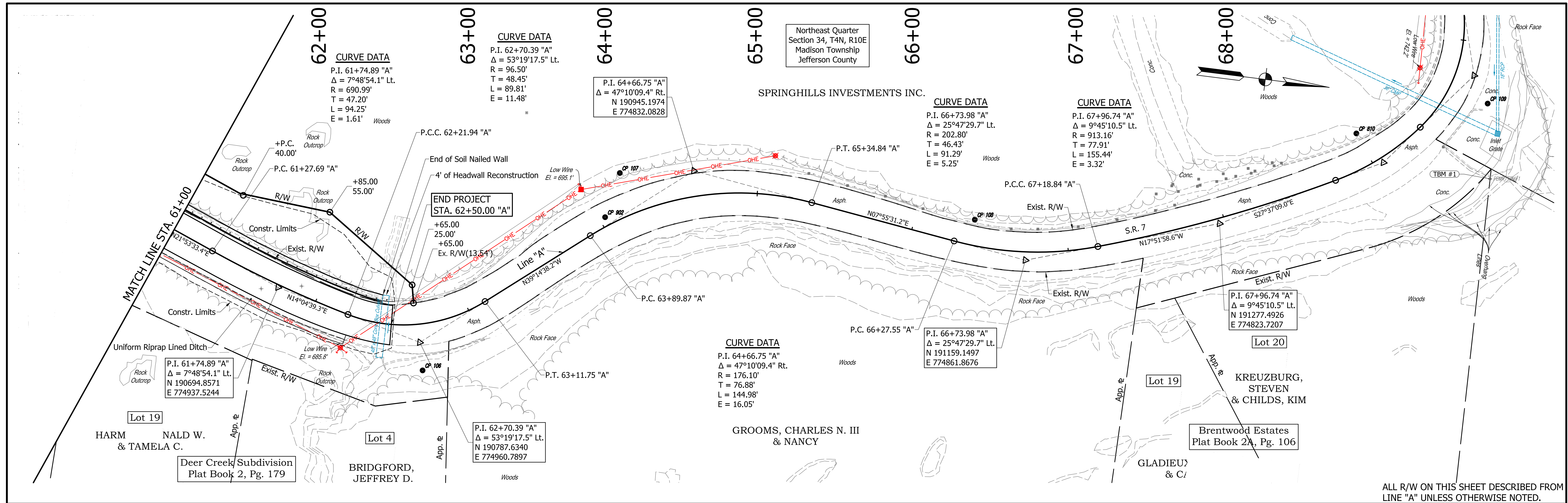
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
SURVEY BOOK	SHEETS 9 of 50
CONTRACT R-41534	PROJECT 1801684



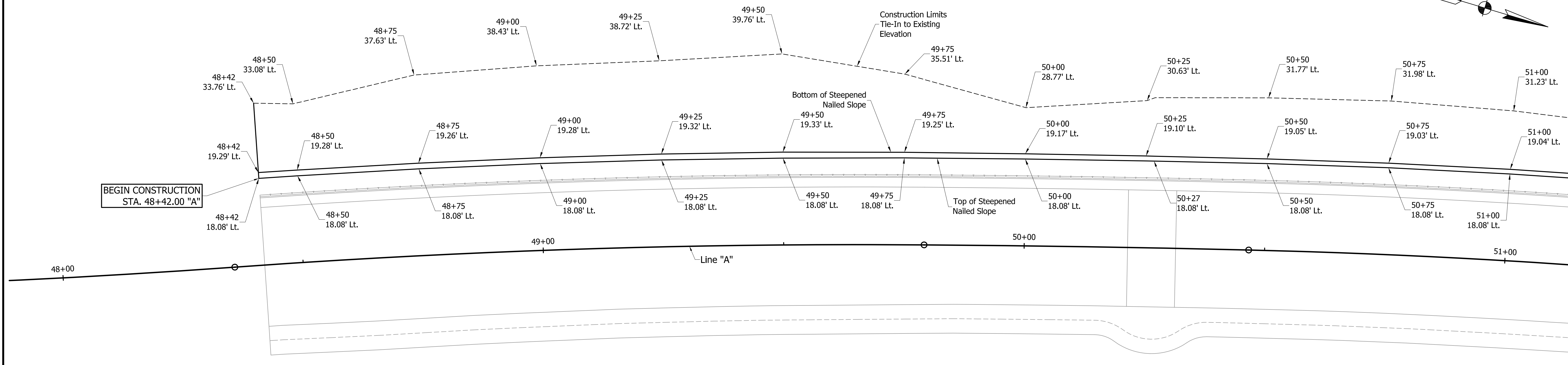
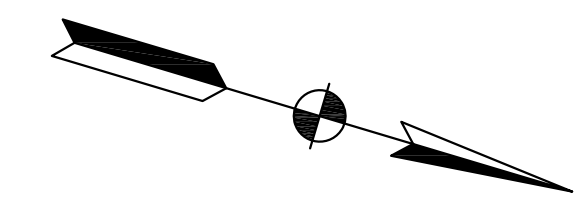
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED.



COLOR CODE FOR UTILITY LOCATIONS 	NOT FOR CONSTRUCTION	DESIGNED: JGP DRAWN: JGP CHECKED: GRW CHECKED: GRW		INDIANA DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE STATE ROAD 7	HORIZONTAL SCALE 1" = 30' BRIDGE FILE
		VERTICAL SCALE 1" = 10' DESIGNATION 1801684			
				SURVEY BOOK SHEETS 10 of 50 CONTRACT PROJECT R-41534 1801684	

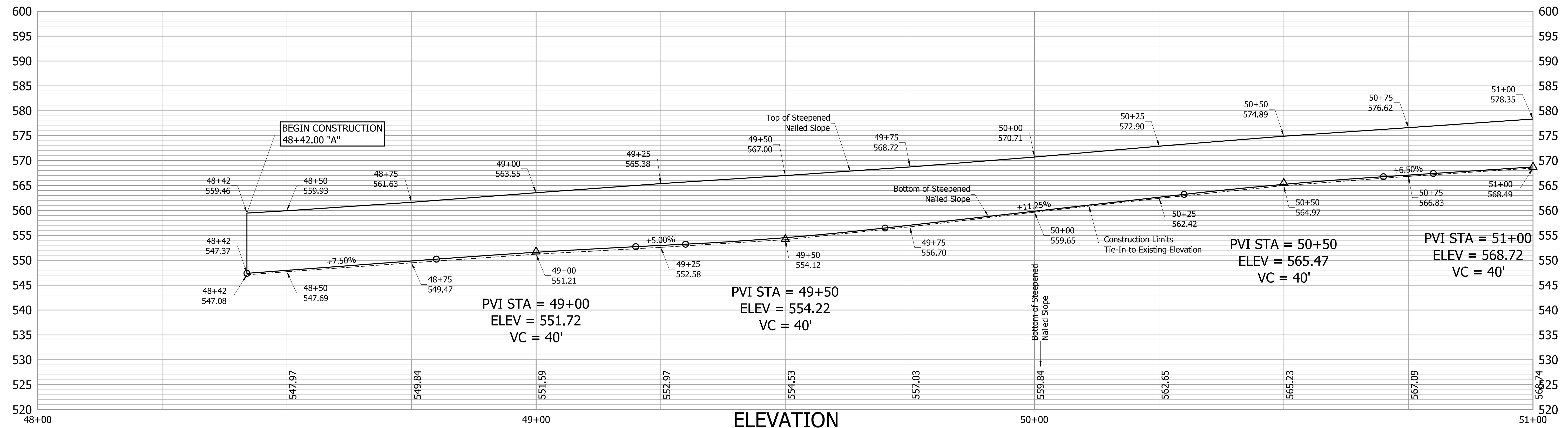


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			VERTICAL SCALE 1" = 10'	DESIGNATION 1801684			
		SURVEY BOOK R-41534	SHEETS 11 of 50 PROJECT 1801684				



PLAN

NOTE:
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ELEVATION

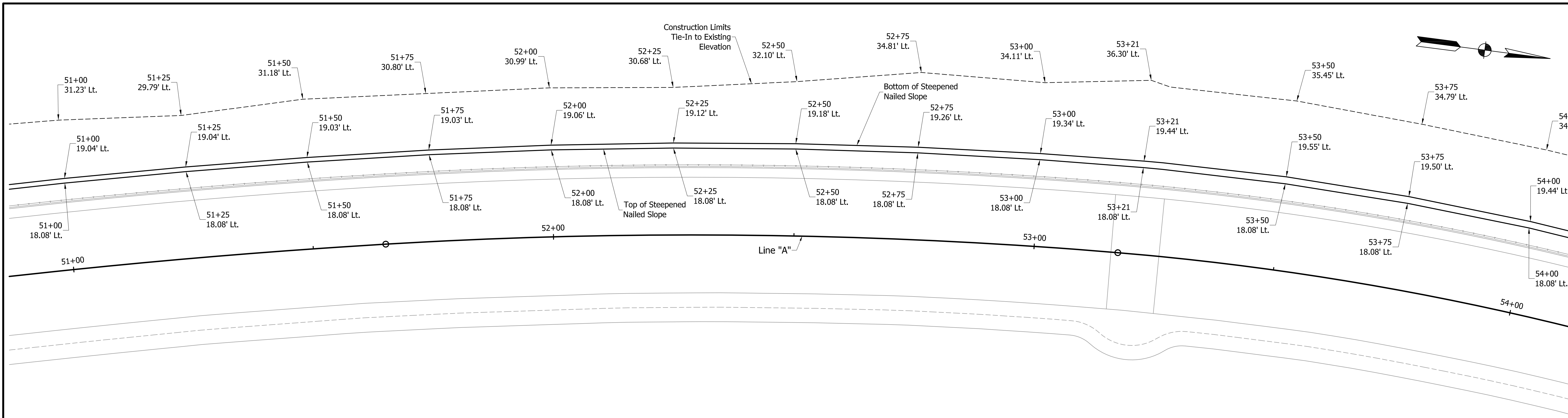
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CHECKED:	GRW	CHECKED:	GRW

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DEPARTMENT OF TRANSPORTATION

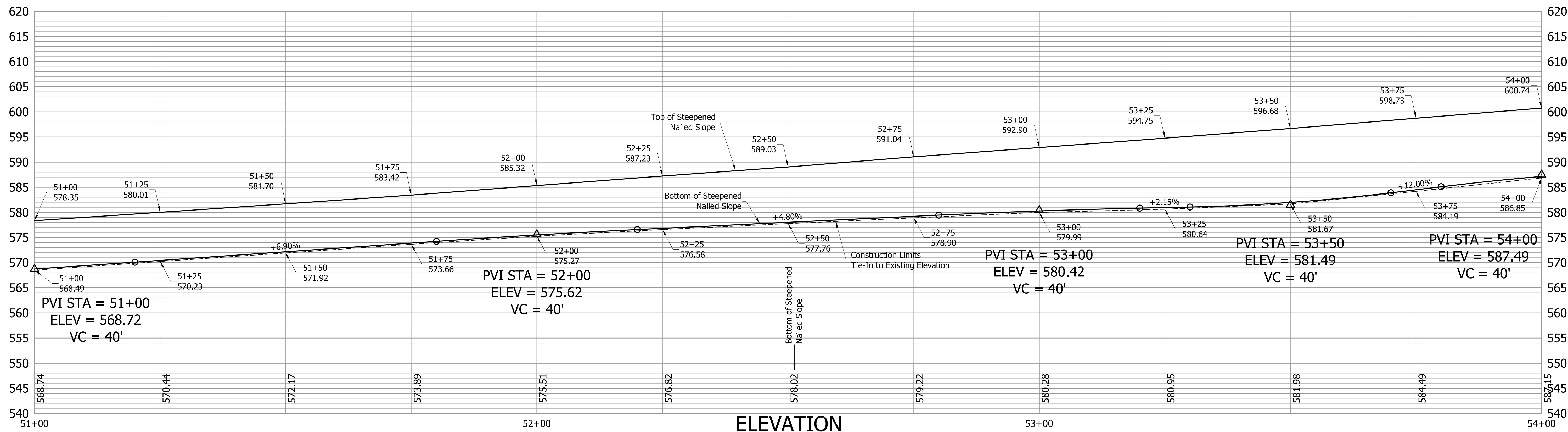
WALL DETAILS
STATE ROAD 7

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
SURVEY BOOK	SHEETS 12 of 50
CONTRACT R-41534	PROJECT 1801684



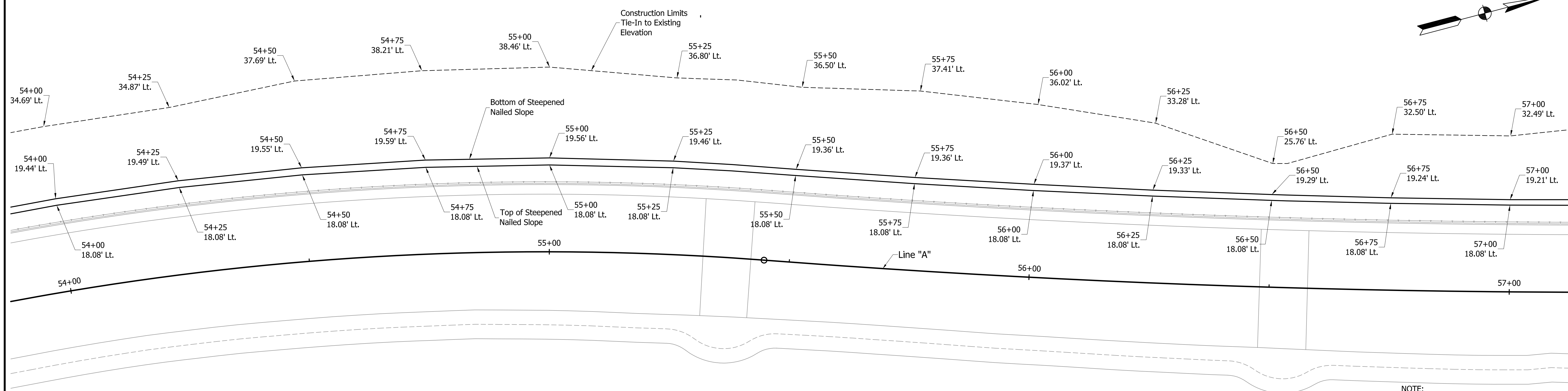
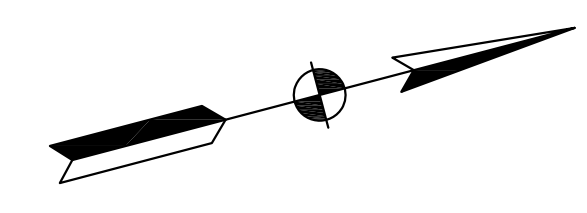
PLAN

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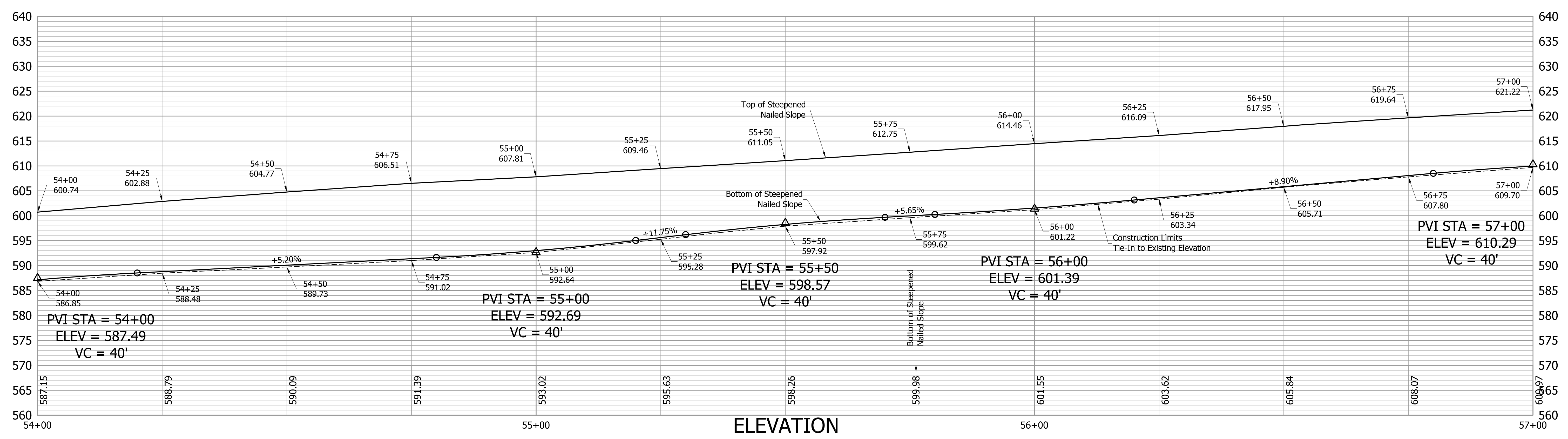
ELEVATION

NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
	WALL DETAILS STATE ROAD 7		VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
	DESIGNED: CNC	DRAWN: CNC	SURVEY BOOK	SHEETS
	CHECKED: GRW	CHECKED: GRW	CONTRACT R-41534	13 of 50 PROJECT 1801684



PLAN

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ELEVATION

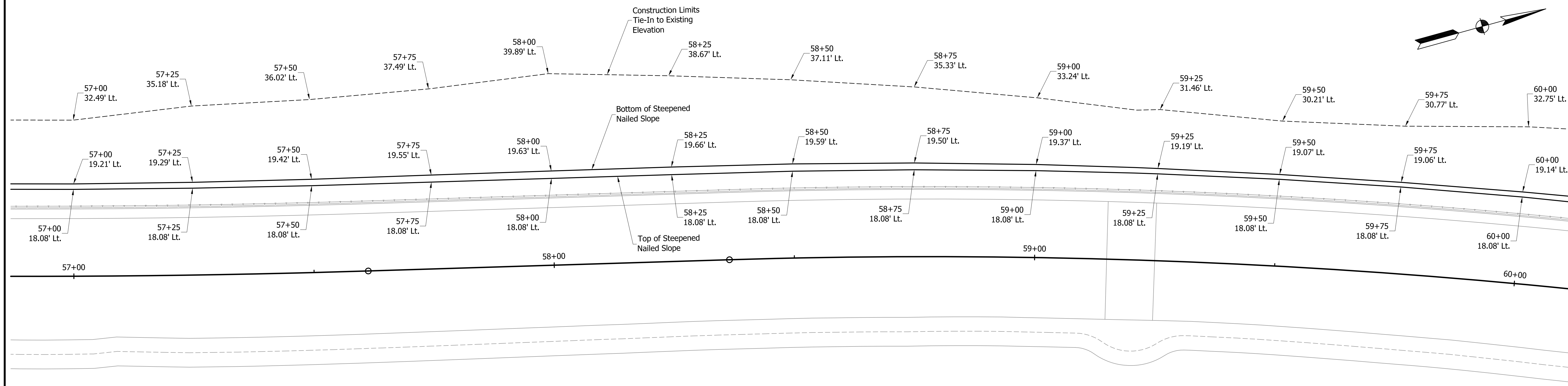
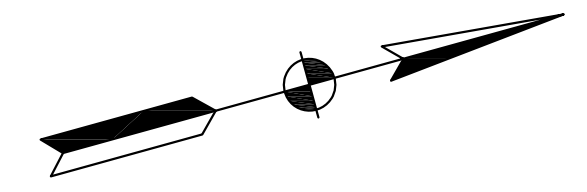
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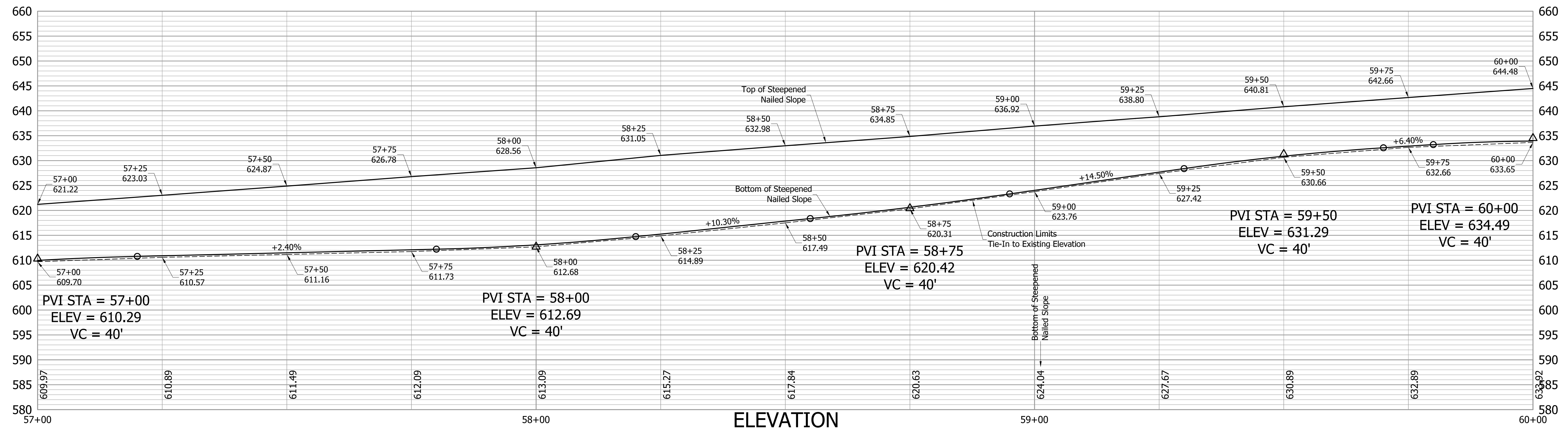
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**WALL DETAILS
STATE ROAD 7**

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
SURVEY BOOK	SHEETS 14 of 50
CONTRACT R-41534	PROJECT 1801684



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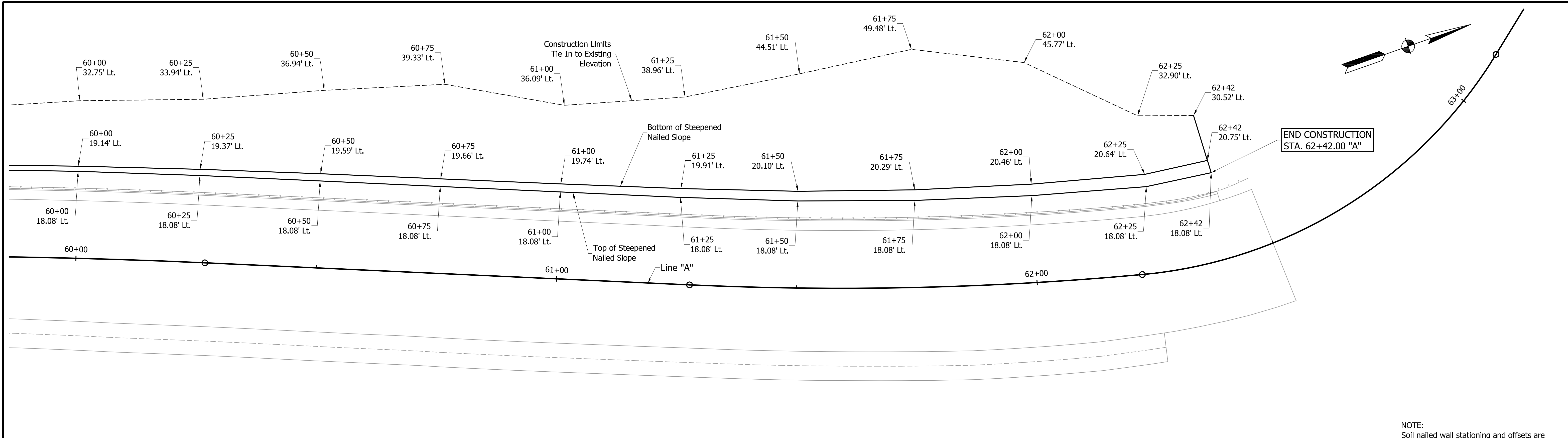
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INDIANA
DEPARTMENT OF TRANSPORTATION

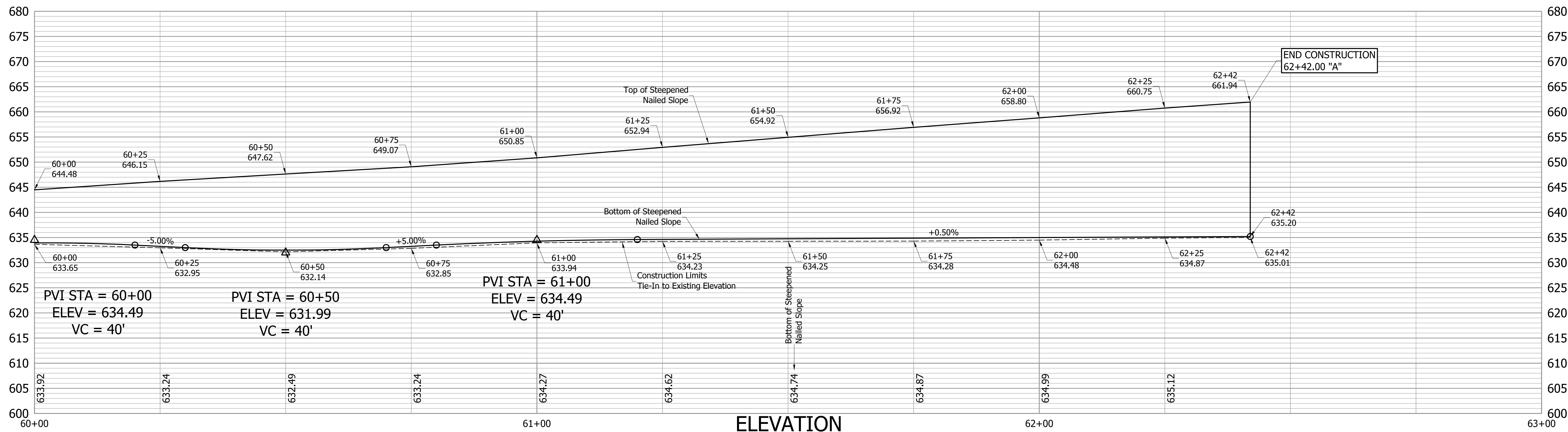
WALL DETAILS
STATE ROAD 7

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
SURVEY BOOK	SHEETS 15 of 50
CONTRACT R-41534	PROJECT 1801684



PLAN

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ELEVATION

NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
	WALL DETAILS STATE ROAD 7		VERTICAL SCALE 1" = 10'	DESIGNATION 1801684
DESIGNED: CNC	DRAWN: CNC	SURVEY BOOK		SHEETS 16 of 50
CHECKED: GRW	CHECKED: GRW	CONTRACT R-41534		PROJECT 1801684

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	RIM ELEVATION	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	REVETMENT RIPRAP	GEOTEXTILES	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	CULVERT ASSET ID	REMARKS						
	STATION	LEFT RIGHT OR CROSS	OFFSET								LFT	ELEV										ELEV	YRS	TONS	SYS	CYS				EA	TYPE	SLOPE	EA	SLOPE	EA
10	50+27 "A"	R	19.0	24	1	Type 1 Pipe	37	570.43			566.43	566.32	75	N	7																				
11	53+21 "A"	R	19.0	24	1	Type 1 Pipe	37	591.32			587.32	587.21	75	N	7																				
12	55+37 "A"	R	19.0	24	1	Type 1 Pipe	37	607.60			603.60	603.49	75	N	7																				
13	56+53 "A"	R	19.0	24	1	Type 1 Pipe	37	616.86			612.86	611.54	75	N	7																				
14	59+20 "A"	R	19.0	24	1	Type 1 Pipe	36	635.87			631.87	631.76	75	N	7																				

NOT FOR CONSTRUCTION

DESIGNED: _____ CNC	DRAWN: _____ CNC
CHECKED: _____ GRW	CHECKED: _____ GRW

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MISC TABLES / SUMMARY OF QUANTITIES
STATE ROAD 7**

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1801684
SURVEY BOOK	SHEETS
	17 of 50
CONTRACT	PROJECT
R-41534	1801684