

MONROE COUNTY PUBLIC WORKS DEPARTMENT

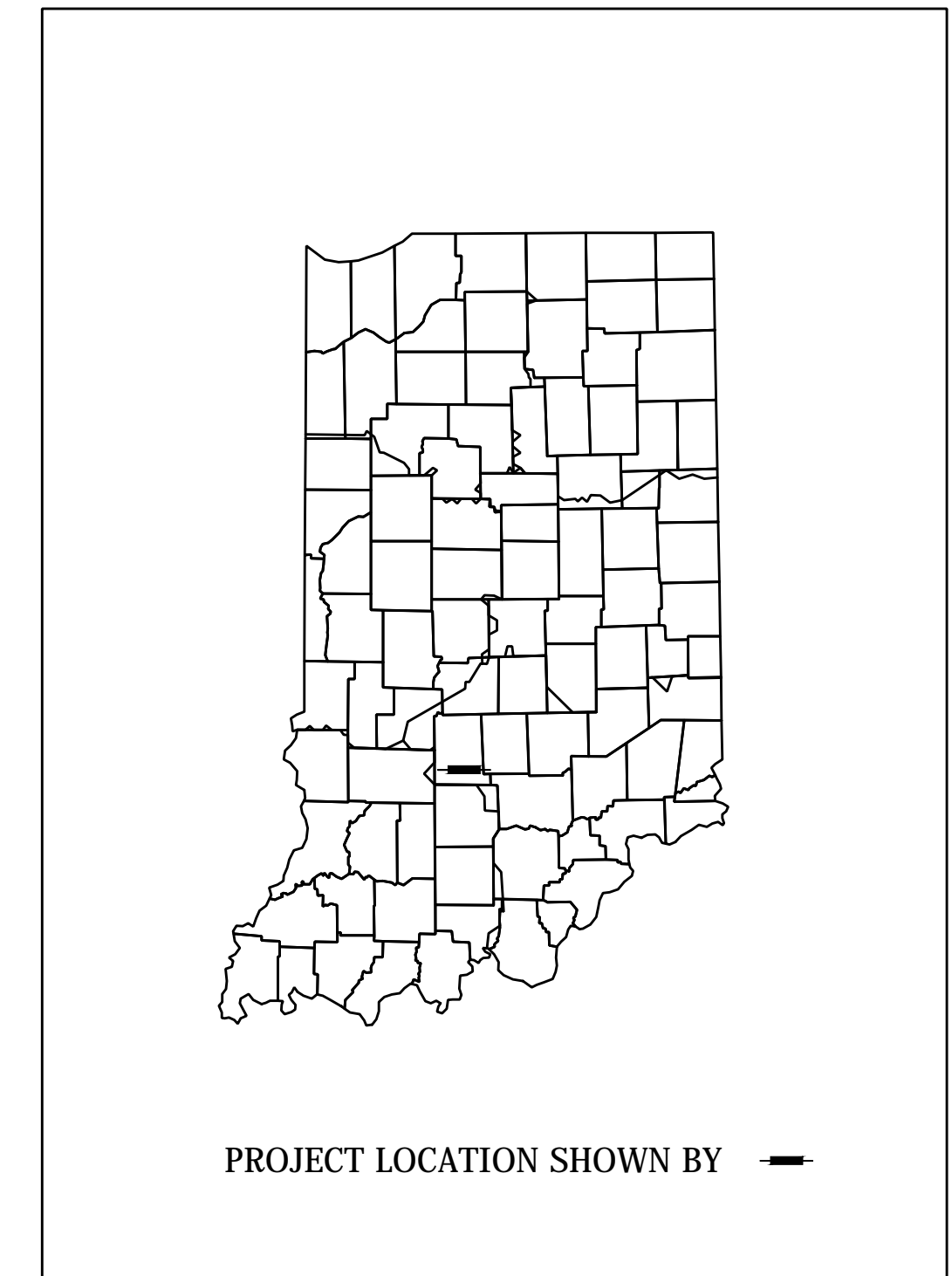
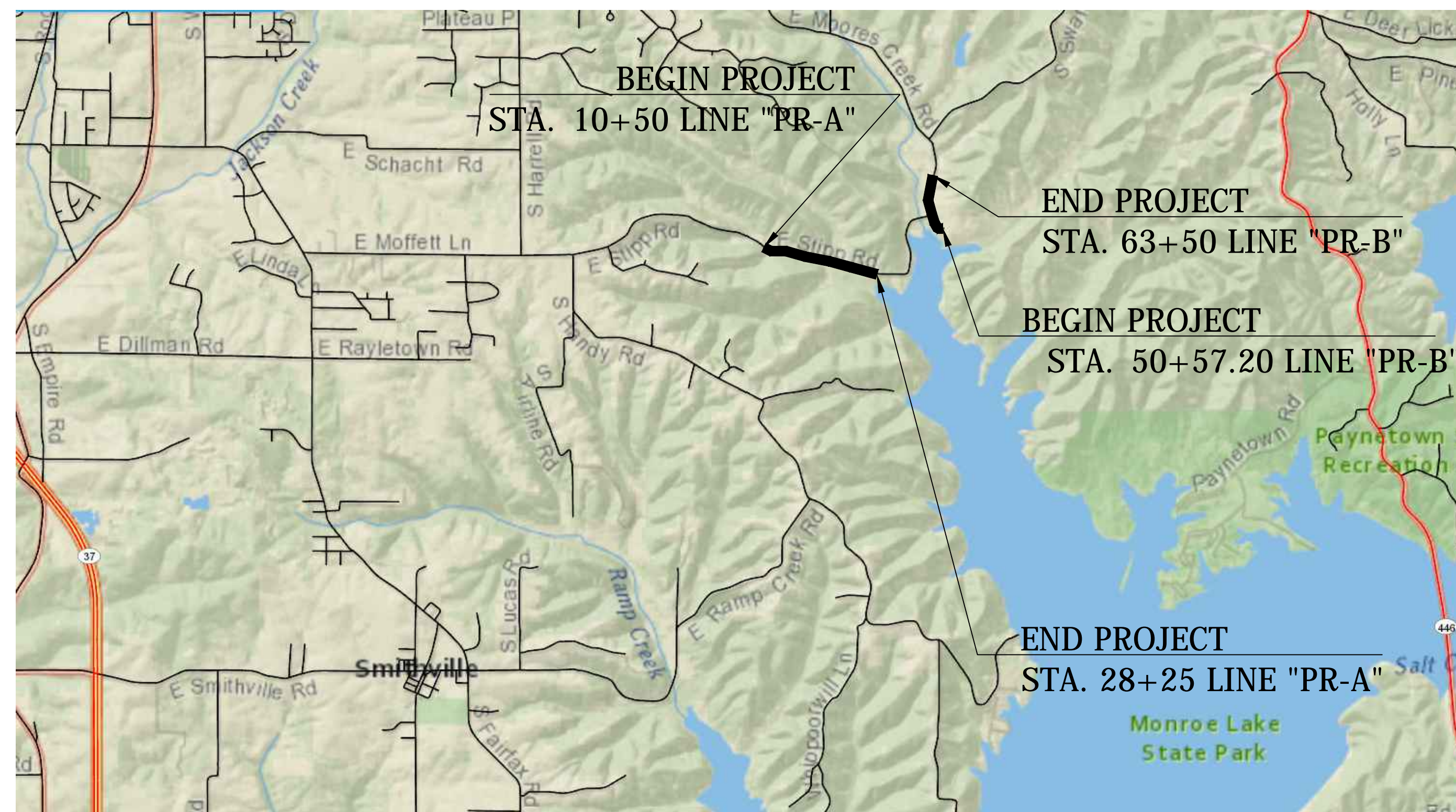
ROAD PLANS STIPP ROAD

FROM: STA 10+50 TO: STA 28+25 LINE "PR-A"

MOORES CREEK ROAD

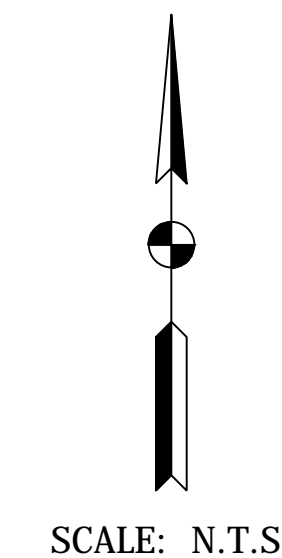
FROM: STA 50+57.20 TO: STA 63+50 LINE "PR-B"

Roadway Improvements on Stipp Road and Moores Creek Road
Located 4.5 Miles East of SR37, 1.9 Miles West of SR446
Section 25, T-8-N, R-1-W, Perry Township, Monroe County, Indiana



STIPP ROAD	
LATITUDE:	39 05' 55" N
LONGITUDE:	86 28' 15" W
GROSS LENGTH:	0.34 MI.
NET LENGTH:	0.34 MI.
MAX. GRADE:	2.24 %

MOORES CREEK ROAD	
LATITUDE:	39 06' 10" N
LONGITUDE:	86 27' 44" W
GROSS LENGTH:	0.24 MI.
NET LENGTH:	0.24 MI.
MAX. GRADE:	2.40 %



PERRY TOWNSHIP
MONROE COUNTY

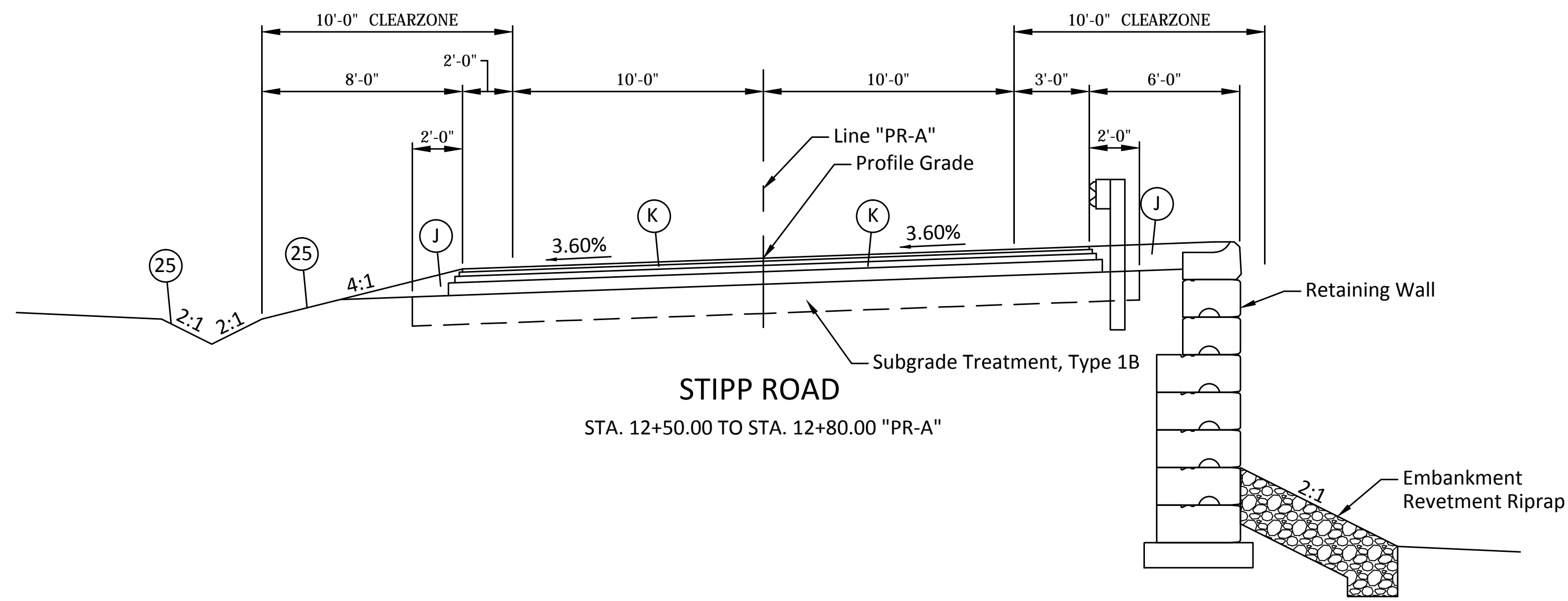
LOCATION MAP

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2018
TO BE USED WITH THESE PLANS

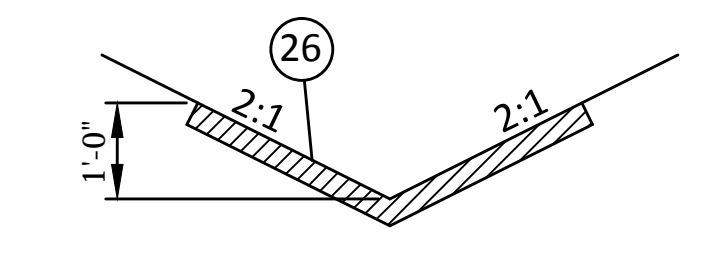
PLANS PREPARED BY:	Aztec Engineering Group, Inc.	812-717-2555
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:	MONROE COUNTY PUBLIC WORKS DEPARTMENT	DATE

	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
	1 of 69
CONTRACT	PROJECT
N/A	STIPP RD. & MOORES CREEK RD.

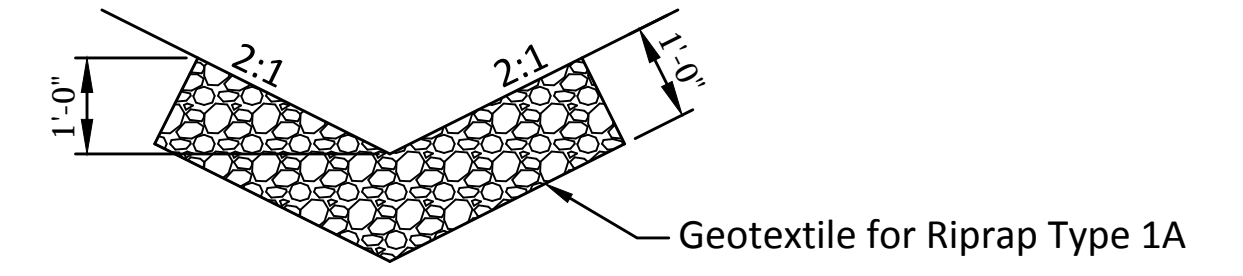
P:\081017 - INDIANAHIGHWAY - TIMES - SAM - PMS



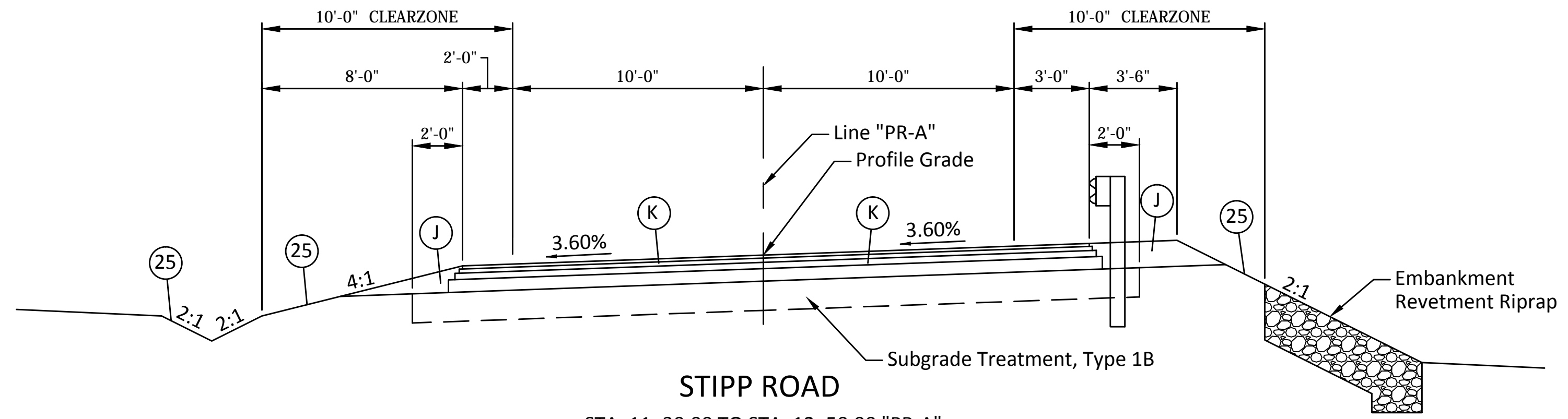
STIPP ROAD
STA. 12+50.00 TO STA. 12+80.00 "PR-A"



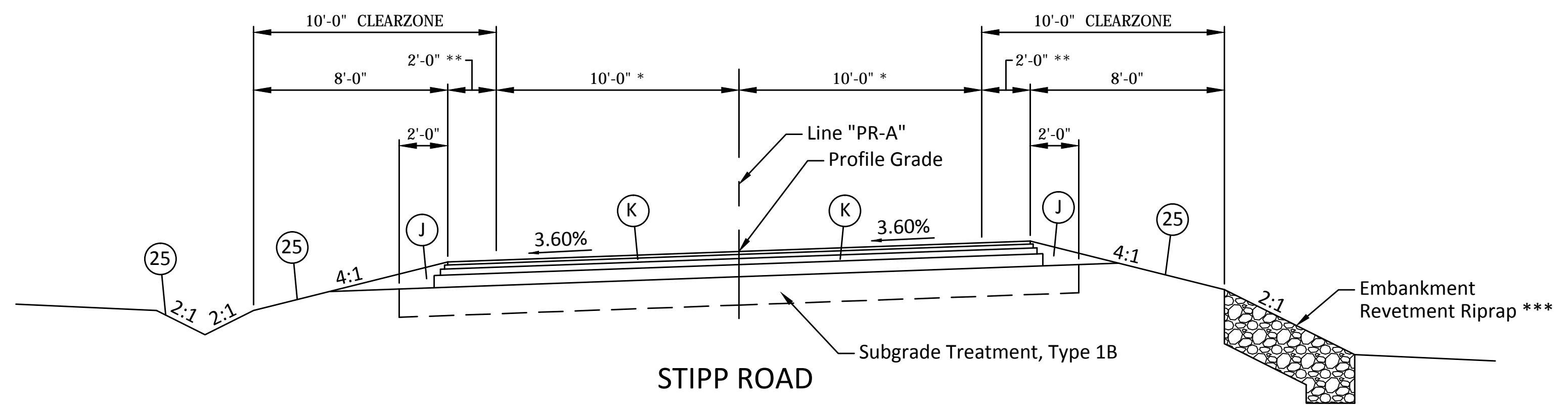
DITCH SODDING DETAIL
SCALE: 1/2"=1'-0"



DITCH RIPRAP DETAIL
SCALE: 1/2"=1'-0"



STIPP ROAD
STA. 11+30.00 TO STA. 12+50.00 "PR-A"



STIPP ROAD
STA. 10+50.00 TO STA. 11+30.00 "PR-A"

- LEGEND**
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
6 in. Compacted Aggregate, No. 53, Base
 - (J) Variable Depth Compacted Aggregate, No. 53 for Shoulder
 - (25) Seed Mixture, R
 - (26) Sodding
 - Revetment Riprap (See Sheet No. 18 for Details)

NOTE: Tack Coat Between All Asphalt Lifts

* Varies from Exist. at Sta. 10+50 to 10' at Sta. 11+00
** Varies from 0' at Sta. 10+50 to 2' at Sta. 11+00

*** Riprap Req'd. Sta. 11+00 to Sta. 11+30

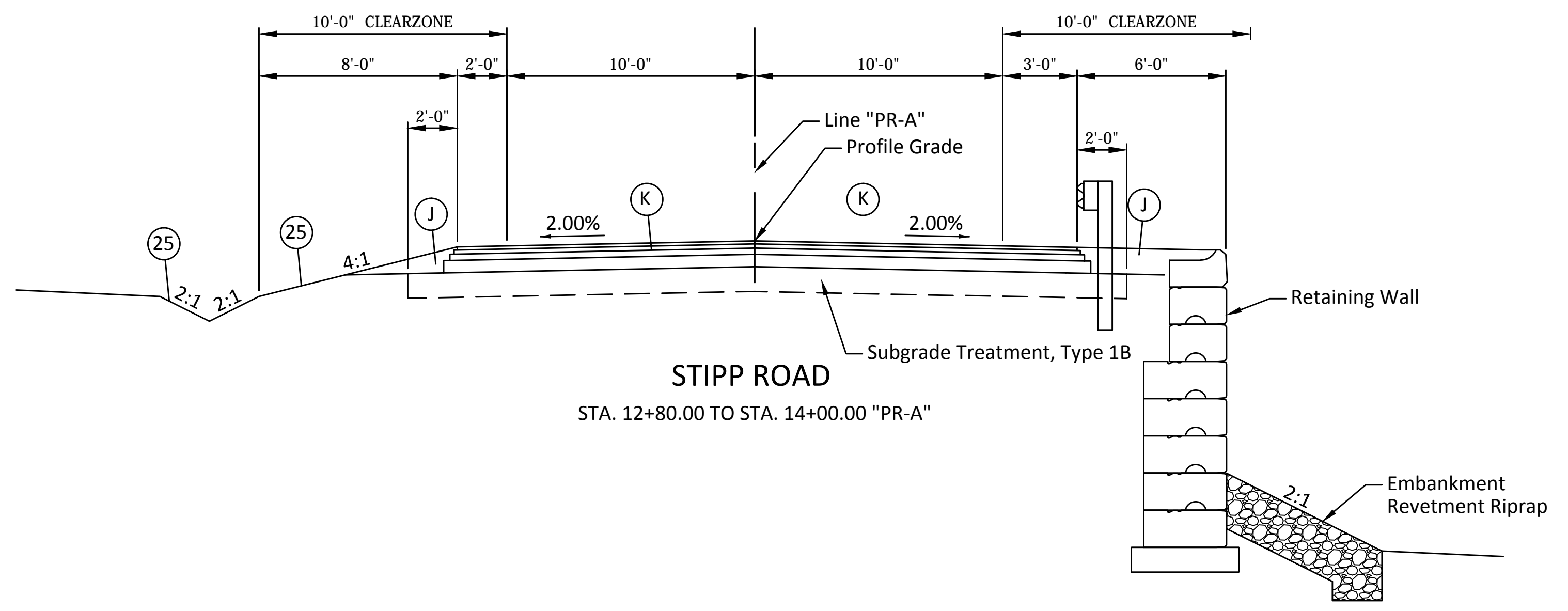
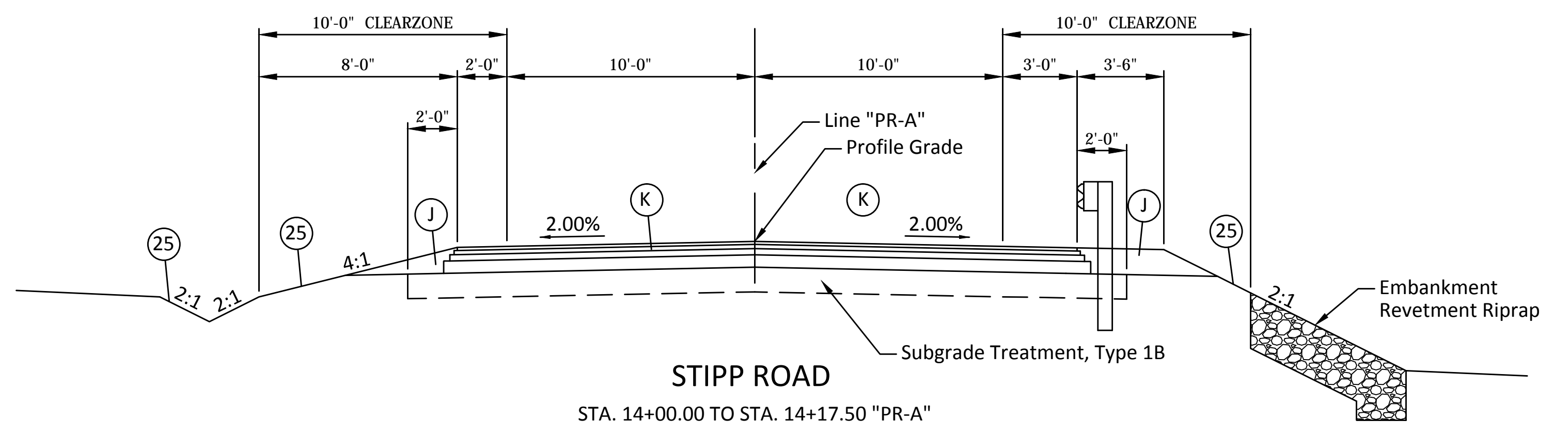
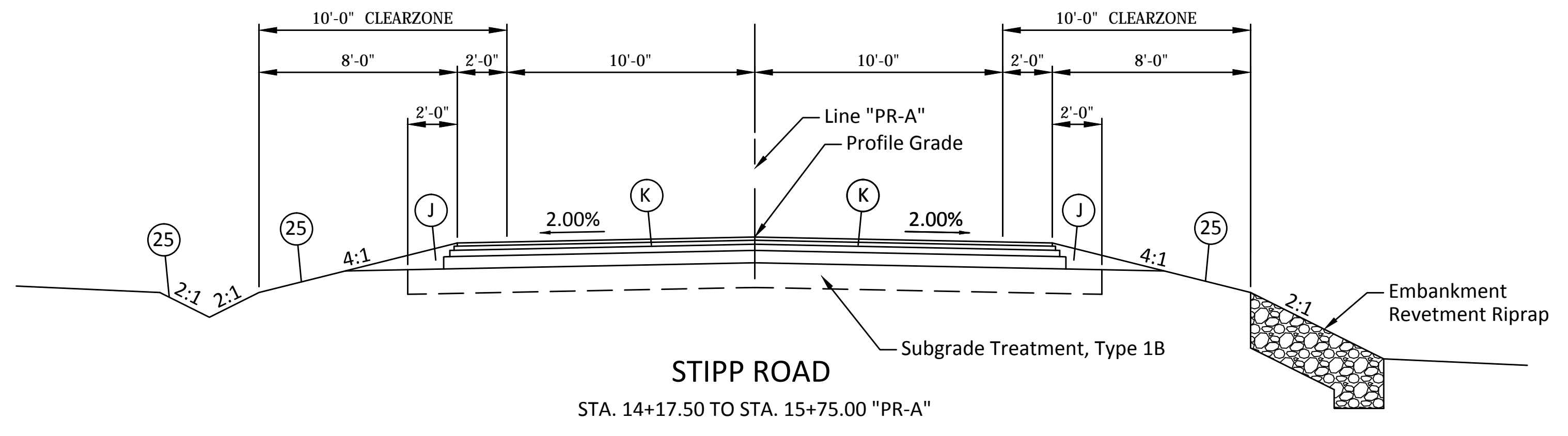
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FILE: SHT_TYPSECTION01.DWG

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

MONROE COUNTY, INDIANA	
TYPICAL SECTIONS LINE "PR-A" (STIPP ROAD)	

SCALE 1/4" = 1'-0"	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 3 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



- LEGEND**
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
6 in. Compacted Aggregate, No. 53, Base
 - (J) Variable Depth Compacted Aggregate, No. 53 for Shoulder
 - (25) Seed Mixture, R
 -  Revetment Riprap (See Sheet No. 18 for Details)

NOTE: Tack Coat Between All Asphalt Lifts

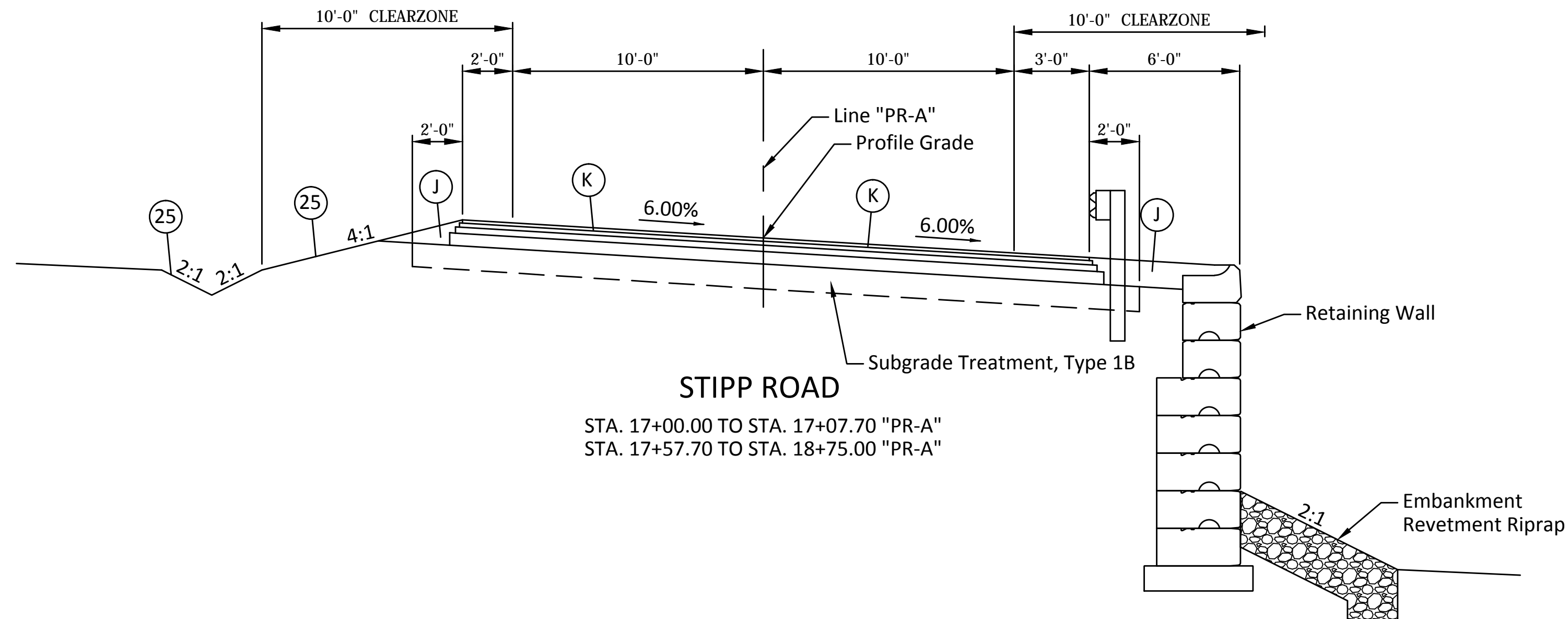
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DESIGNED: BSF _____	DRAWN: BSF _____	
CHECKED: LAR _____	CHECKED: LAR _____	

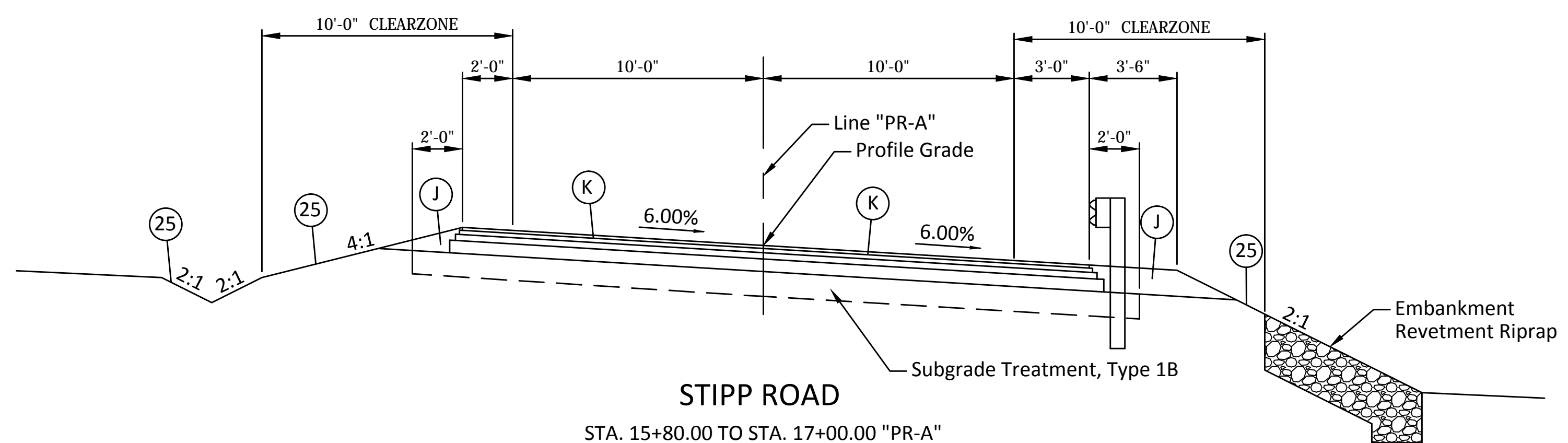
MONROE COUNTY, INDIANA	
TYPICAL SECTIONS LINE "PR-A" (STIPP ROAD)	

SCALE 1/4" = 1'-0"	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 4 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



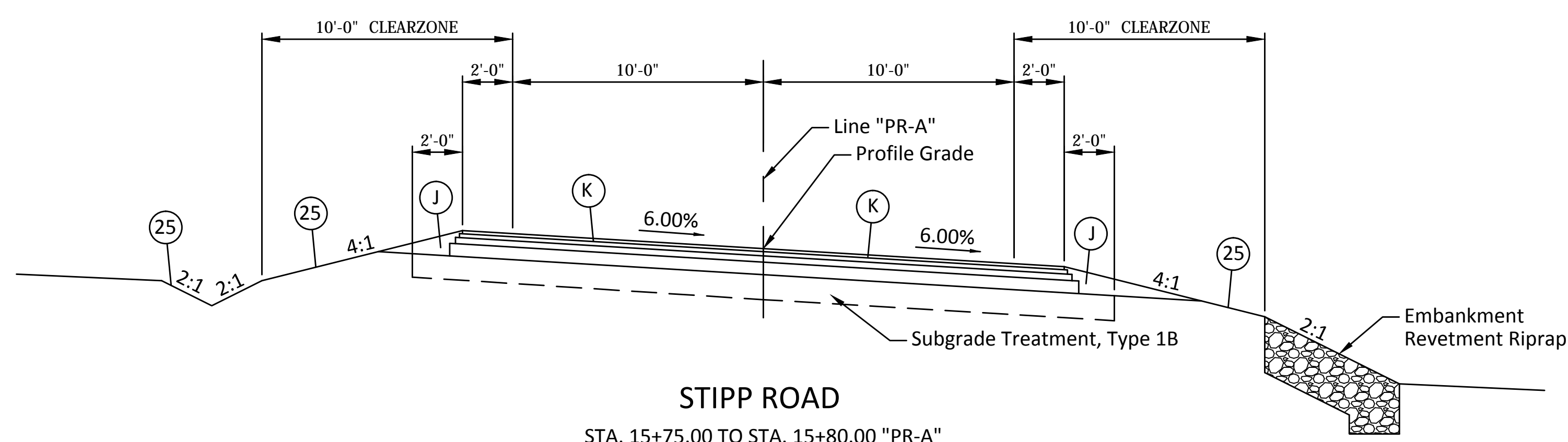
STIPP ROAD

STA. 17+00.00 TO STA. 17+07.70 "PR-A"
 STA. 17+57.70 TO STA. 18+75.00 "PR-A"




STIPP ROAD

STA. 15+80.00 TO STA. 17+00.00 "PR-A"
 STA. 18+75.00 TO STA. 18+92.50 "PR-A"



STIPP ROAD

STA. 15+75.00 TO STA. 15+80.00 "PR-A"
 STA. 18+92.50 TO STA. 19+85.00 "PR-A"

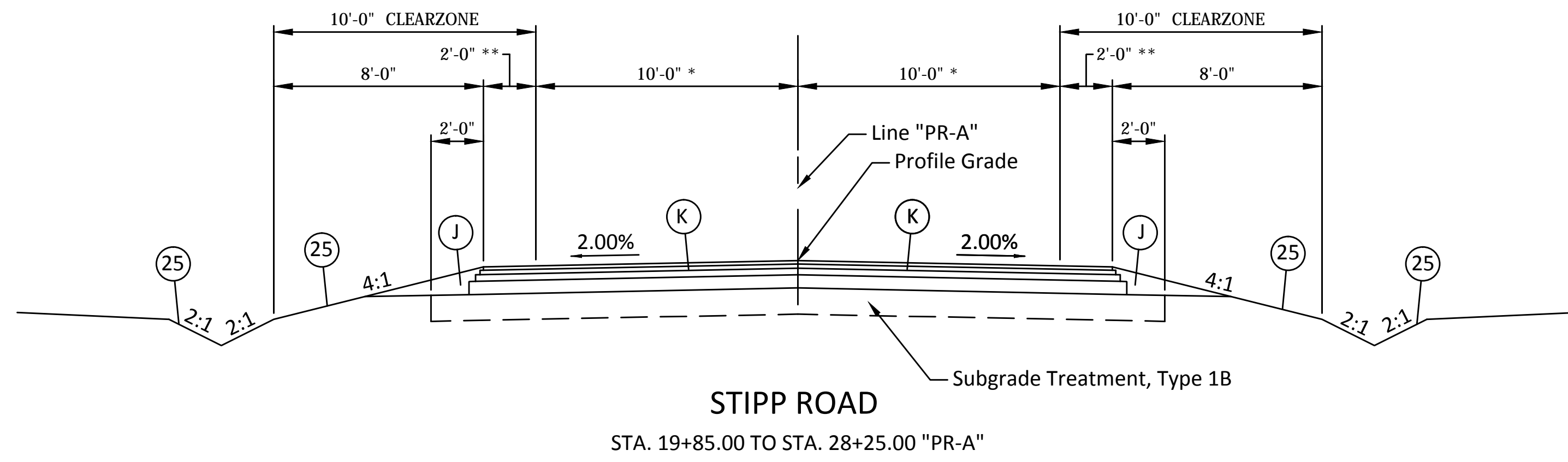
- LEGEND**
- (K) Full Depth HMA Pavement:
 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
 330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
 6 in. Compacted Aggregate, No. 53, Base
 - (J) Variable Depth Compacted Aggregate, No. 53 for Shoulder
 - (25) Seed Mixture, R
 -  Revetment Riprap (See Sheet No. 18 for Details)
- * Or as Shown on Cross Sections
- NOTE: Tack Coat Between All Asphalt Lifts

PLOTTED: Tuesday, February 12, 2019 12:09:41 PM

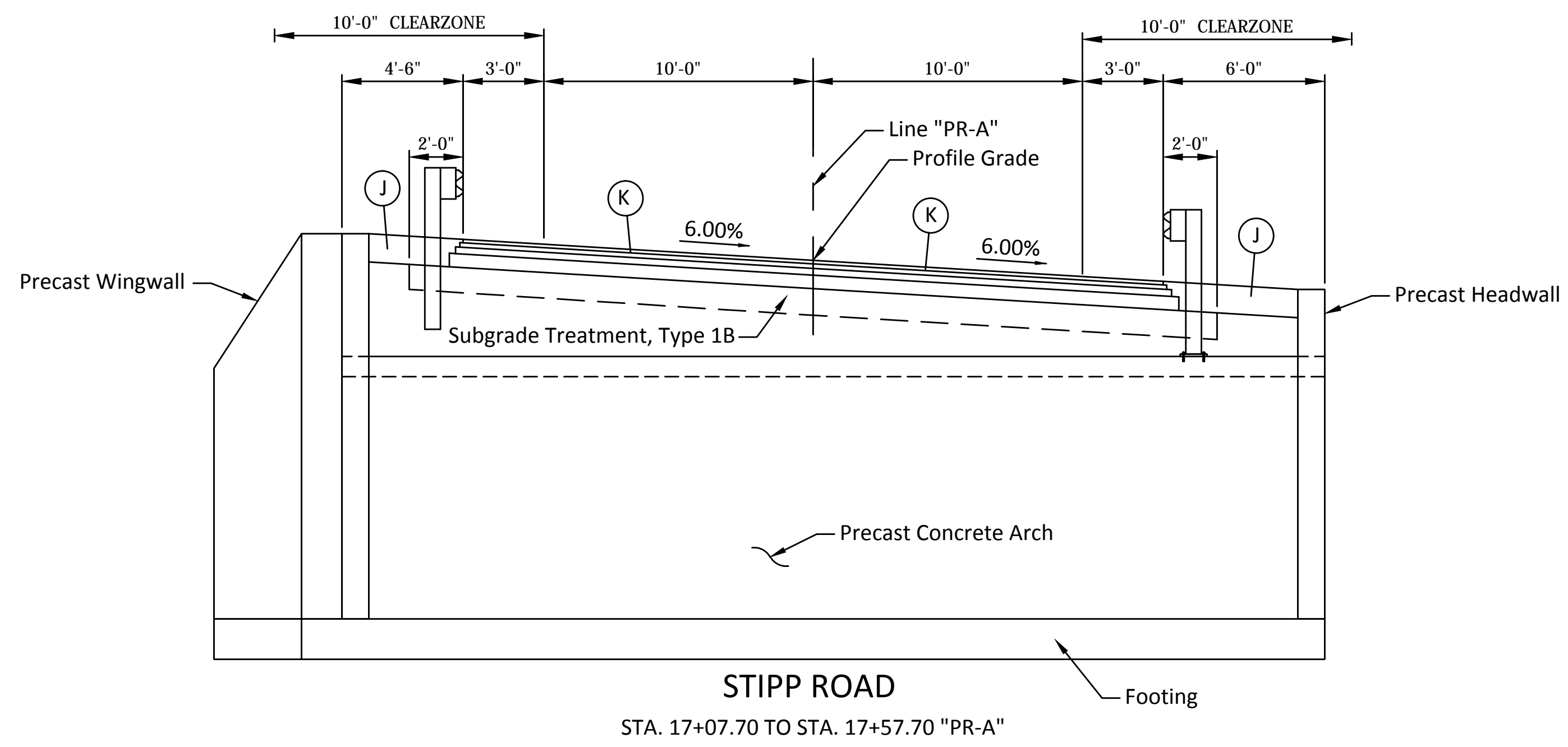
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BSF _____	DRAWN: BSF _____	
CHECKED: LAR _____	CHECKED: LAR _____	

MONROE COUNTY, INDIANA	
TYPICAL SECTIONS LINE "PR-A" (STIPP ROAD)	

SCALE 1/4" = 1'-0"	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 5 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



* Varies from 10' at Sta. 27+75 to Exist. at Sta. 28+25
 ** Varies from 2' at Sta. 27+75 to 0' at Sta. 28+25



- LEGEND**
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
6 in. Compacted Aggregate, No. 53, Base
 - (J) Variable Depth Compacted Aggregate, No. 53 for Shoulder
 - (25) Seed Mixture, R

NOTE: Tack Coat Between All Asphalt Lifts

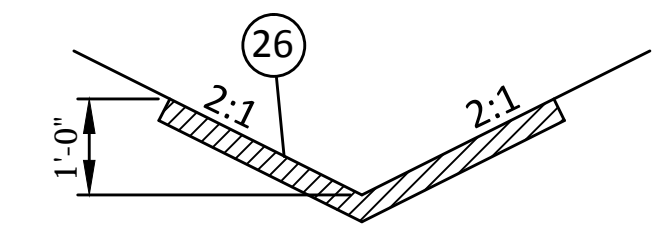
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FILE: SHT_TYPSSECTION04.DWG

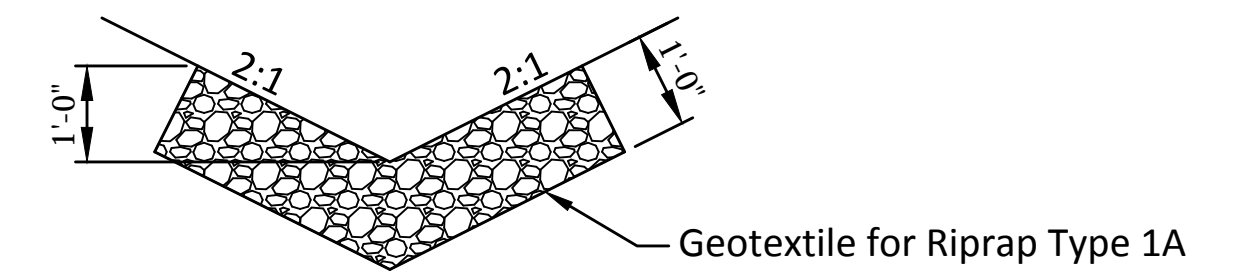
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BSF _____	DRAWN: BSF _____	
CHECKED: LAR _____	CHECKED: LAR _____	

MONROE COUNTY, INDIANA	
TYPICAL SECTIONS LINE "PR-A" (STIPP ROAD)	

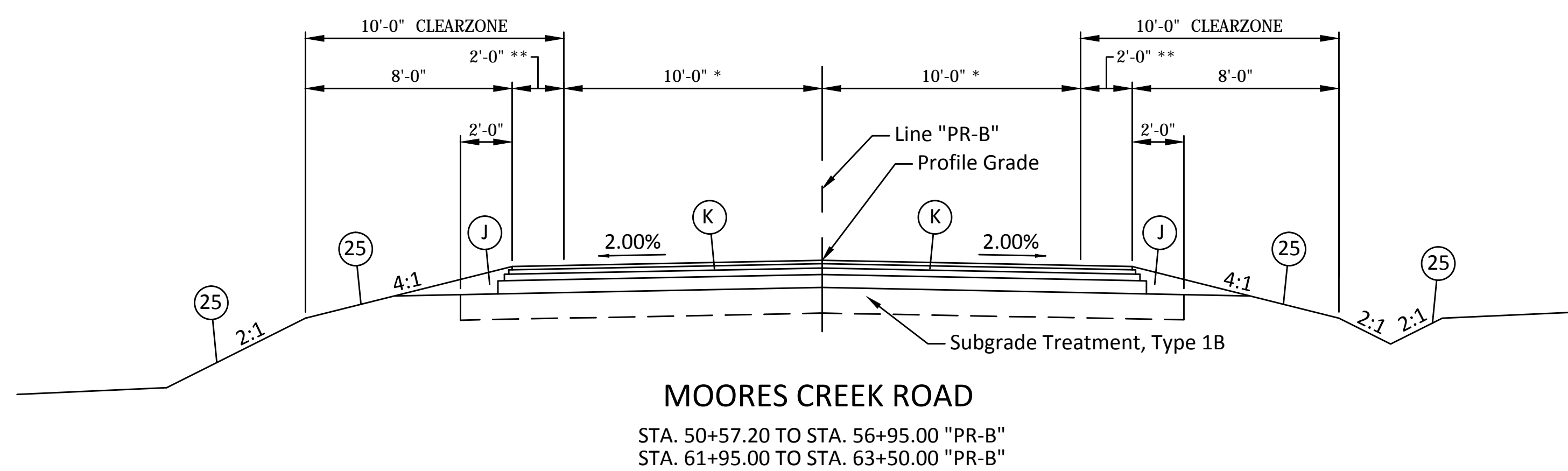
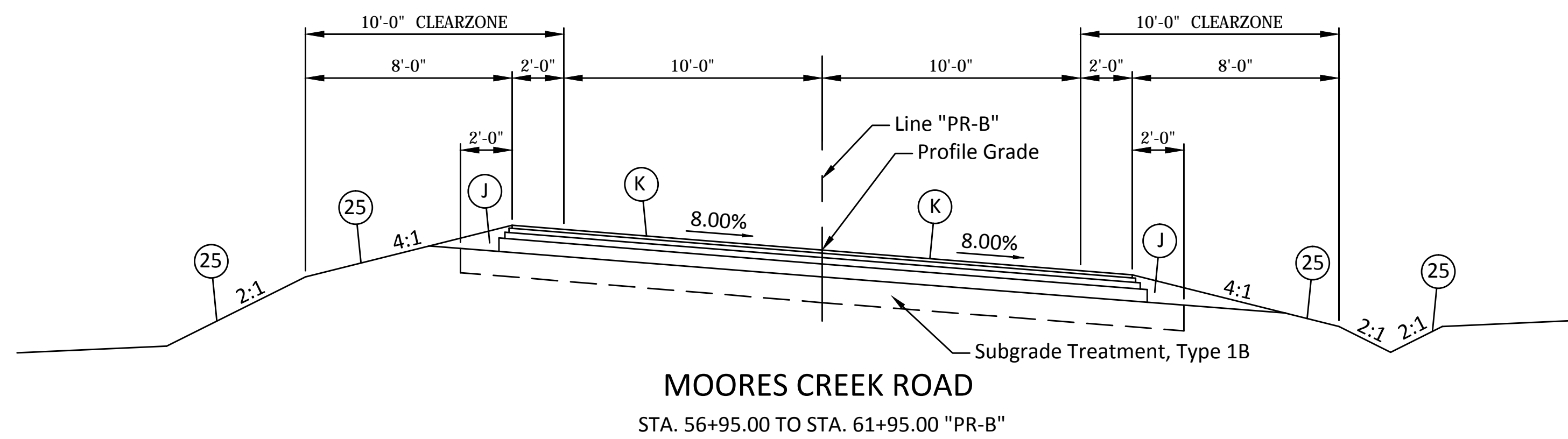
SCALE 1/4" = 1'-0"	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 6 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



DITCH SODDING DETAIL
SCALE: 1/2"=1'-0"



DITCH RIPRAP DETAIL
SCALE: 1/2"=1'-0"



* Varies from Exist. at Sta. 50+57.2 to 10' at Sta. 51+28.49
Varies from 10' at Sta. 63+00 to Exist. at Sta. 63+50
** Varies from 0' at Sta. 50+57.2 to 2' at Sta. 51+28.49
Varies from 2' at Sta. 63+00 to 0' at Sta. 63+50

- LEGEND**
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
6 in. Compacted Aggregate, No. 53, Base
 - (J) Variable Depth Compacted Aggregate, No. 53 for Shoulder
 - (25) Seed Mixture, R
 - (26) Sodding

NOTE: Tack Coat Between All Asphalt Lifts

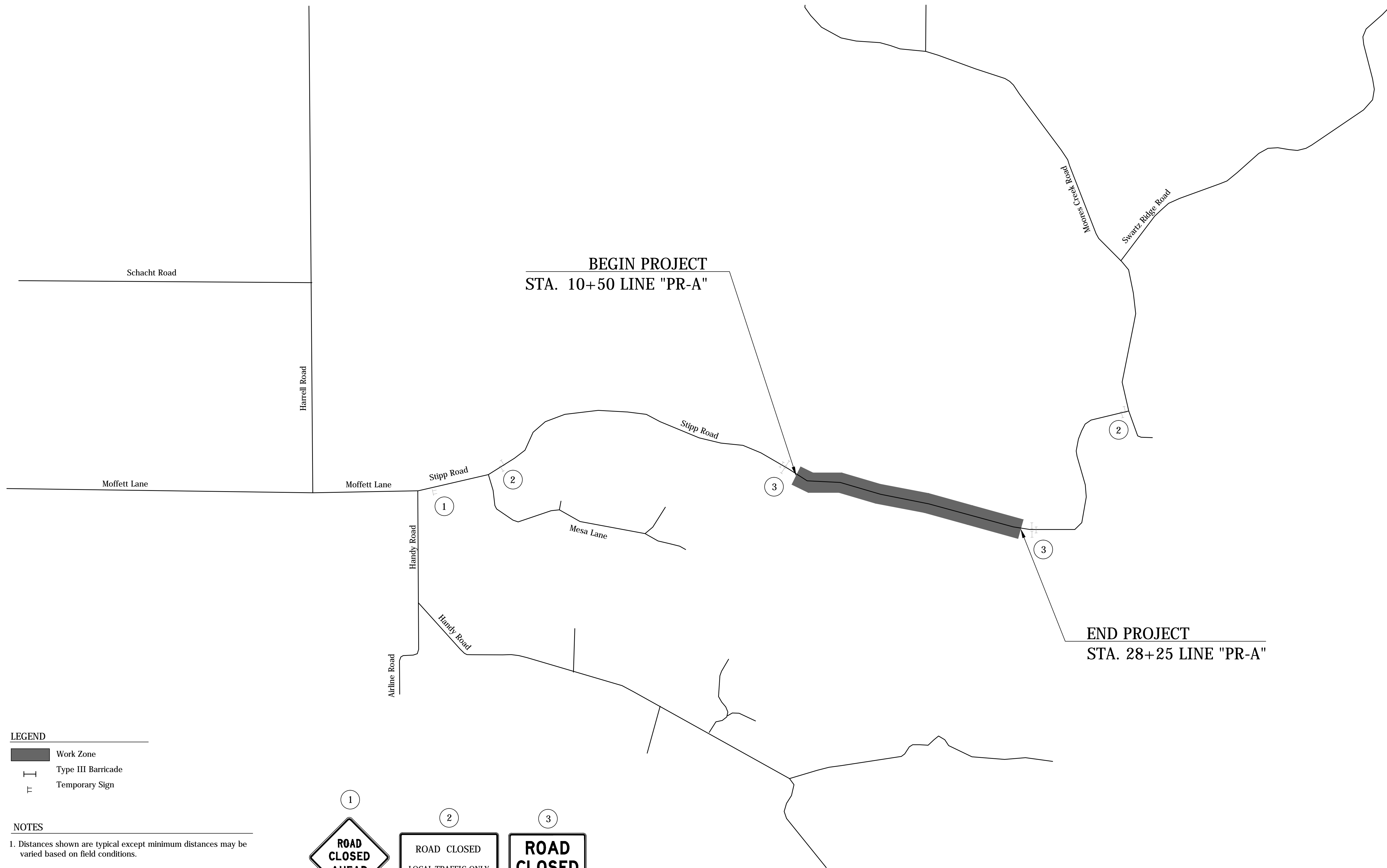
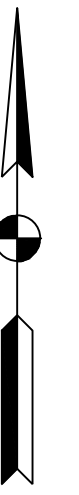
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FILE: SHT_TYPSECTION05.DWG

RECOMMENDED FOR APPROVAL _____	
DESIGNED: BSF	DRAWN: BSF
CHECKED: LAR	CHECKED: LAR

MONROE COUNTY, INDIANA	
TYPICAL SECTIONS	
LINE "PR-B" (MOORES CREEK ROAD)	

SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	7 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

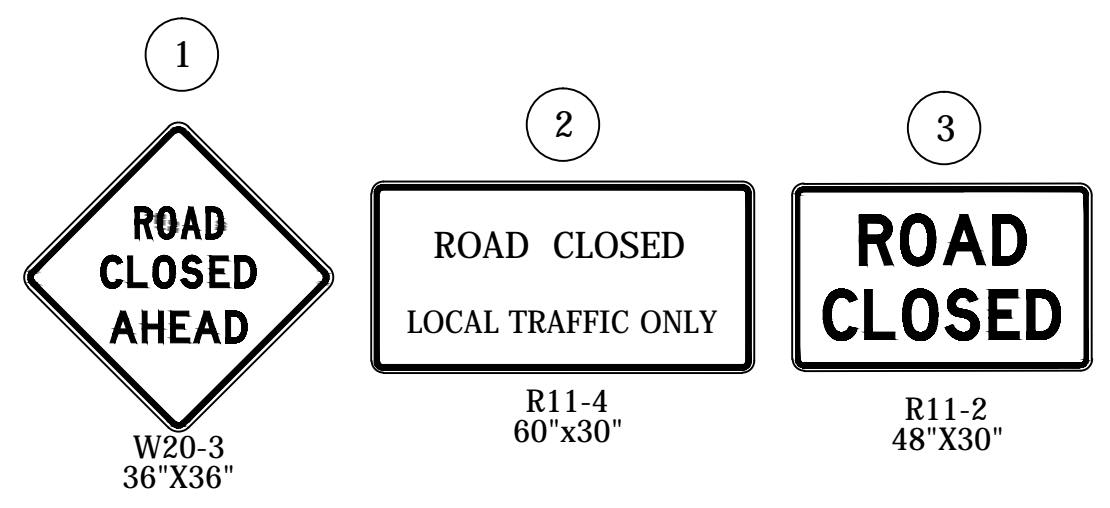


BEGIN PROJECT
STA. 10+50 LINE "PR-A"

END PROJECT
STA. 28+25 LINE "PR-A"

- LEGEND**
- Work Zone
 - Type III Barricade
 - Temporary Sign

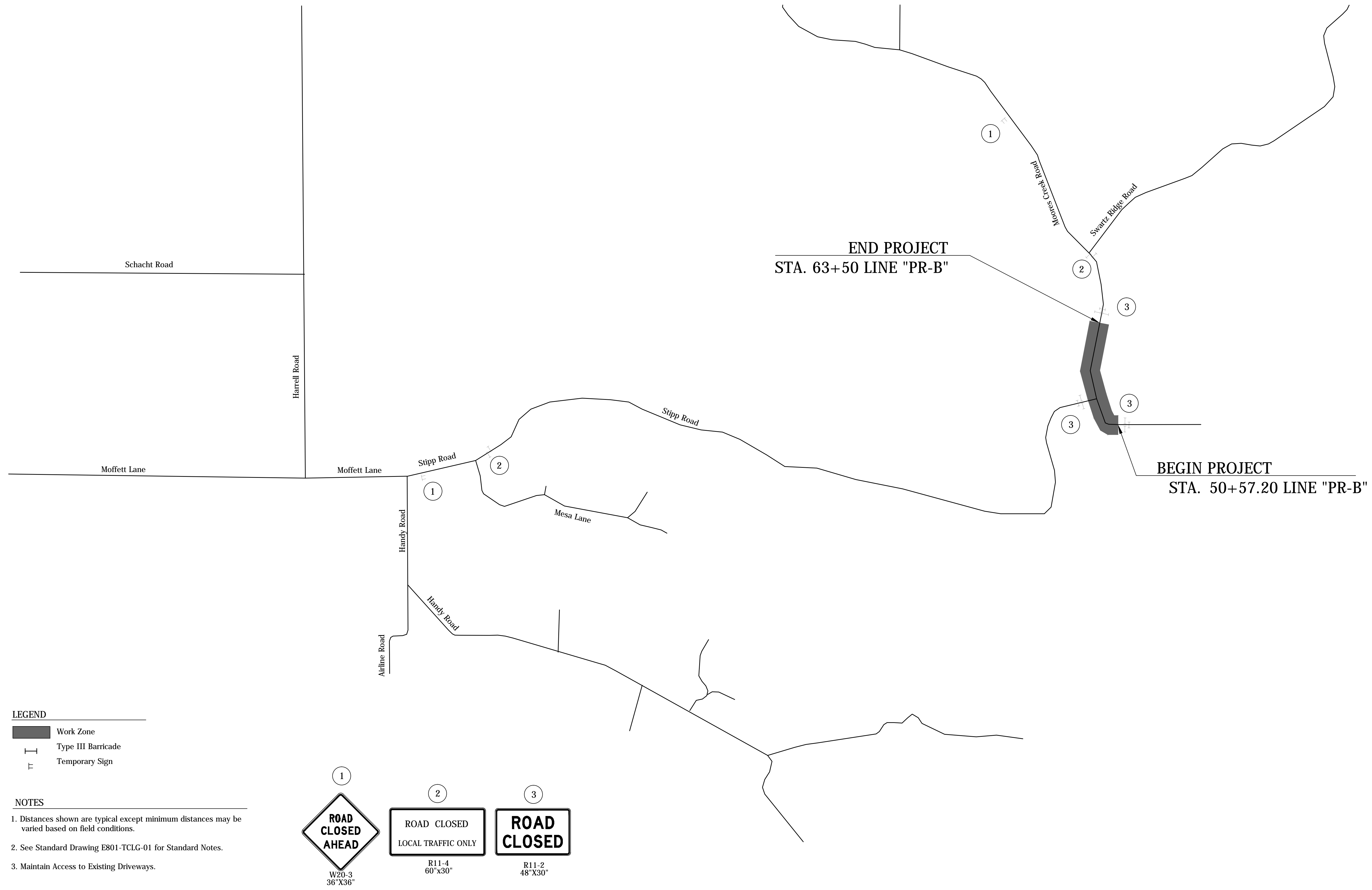
- NOTES**
1. Distances shown are typical except minimum distances may be varied based on field conditions.
 2. See Standard Drawing E801-TCLG-01 for Standard Notes.
 3. Maintain Access to Existing Driveways.






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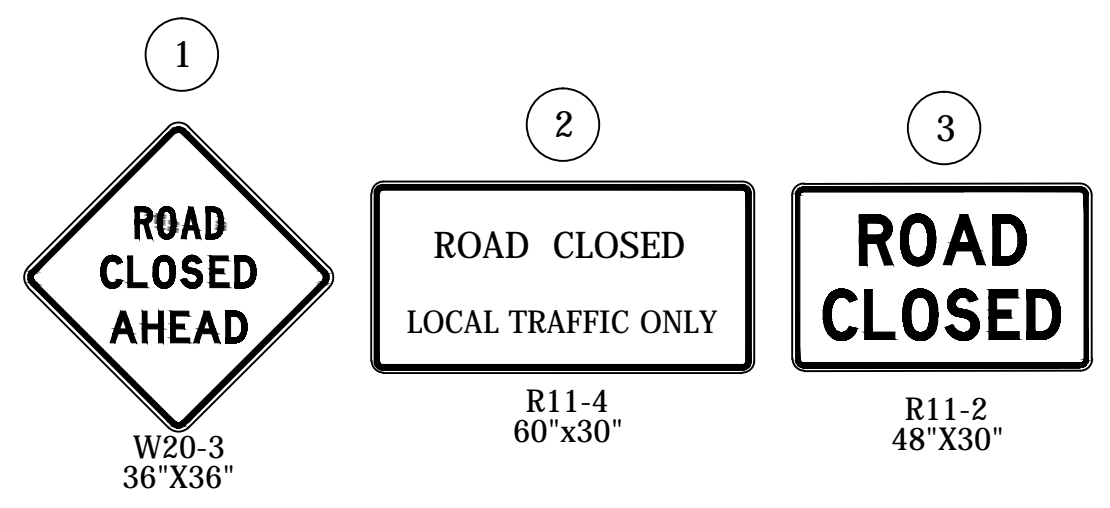
FILE: SHT_MOT_STIPP.DWG

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	MONROE COUNTY, INDIANA		SCALE	BRIDGE FILE
			N.T.S.	Monroe Co. Br. 912
DESIGNED: <u>BSF</u>	DRAWN: <u>BSF</u>	MAINTENANCE OF TRAFFIC STIPP ROAD CLOSURE	DESIGNATION	
CHECKED: <u>BSF</u>	CHECKED: <u>LAR</u>		N/A	
			SURVEY BOOK	SHEETS
			N/A	8 of 69
			CONTRACT	PROJECT
			N/A	STIPP ROAD & MOORES CREEK ROAD



- LEGEND**
-  Work Zone
 -  Type III Barricade
 -  Temporary Sign

- NOTES**
1. Distances shown are typical except minimum distances may be varied based on field conditions.
 2. See Standard Drawing E801-TCLG-01 for Standard Notes.
 3. Maintain Access to Existing Driveways.



PLOTTED: Tuesday, February 12, 2019 12:19:14 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	MONROE COUNTY, INDIANA	SCALE N.T.S.	BRIDGE FILE N/A
DESIGNED: <u>BSF</u> DRAWN: <u>BSF</u> CHECKED: <u>BSF</u> CHECKED: <u>LAR</u>	MAINTENANCE OF TRAFFIC MOORES CREEK ROAD CLOSURE	SURVEY BOOK N/A	SHEETS 9 of 69 PROJECT STIPP ROAD & MOORES CREEK ROAD

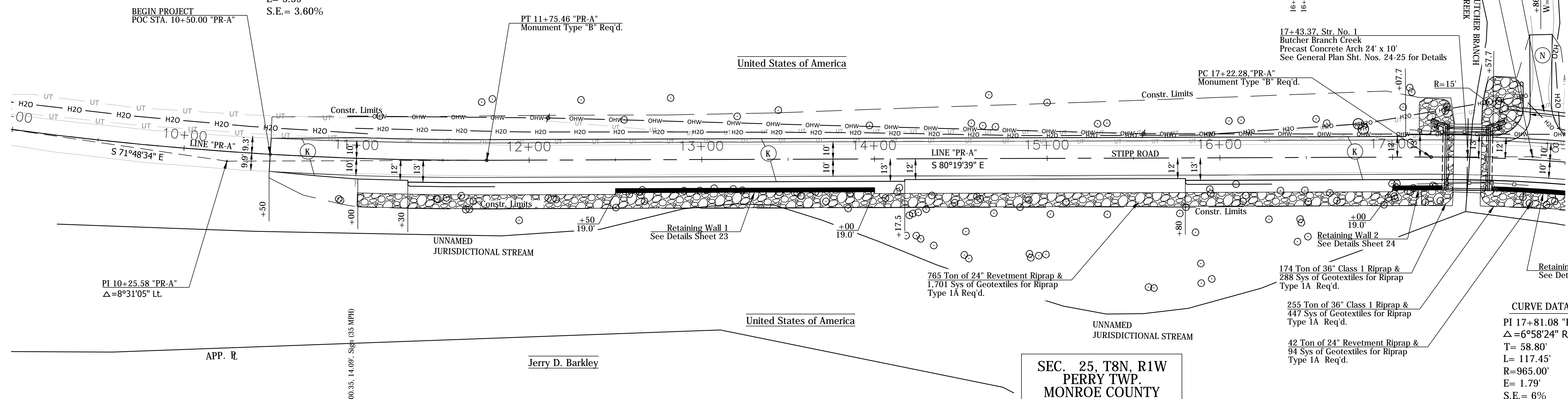
CURVE DATA

PI 10+25.58 "PR-A"
 $\Delta=8^{\circ}31'05''$ Lt.
 T= 150.43'
 L= 300.31'
 R=2020.00'
 E= 5.59'
 S.E. = 3.60%

**SEC. 25, T8N, R1W
 PERRY TWP.
 MONROE COUNTY**

15+00

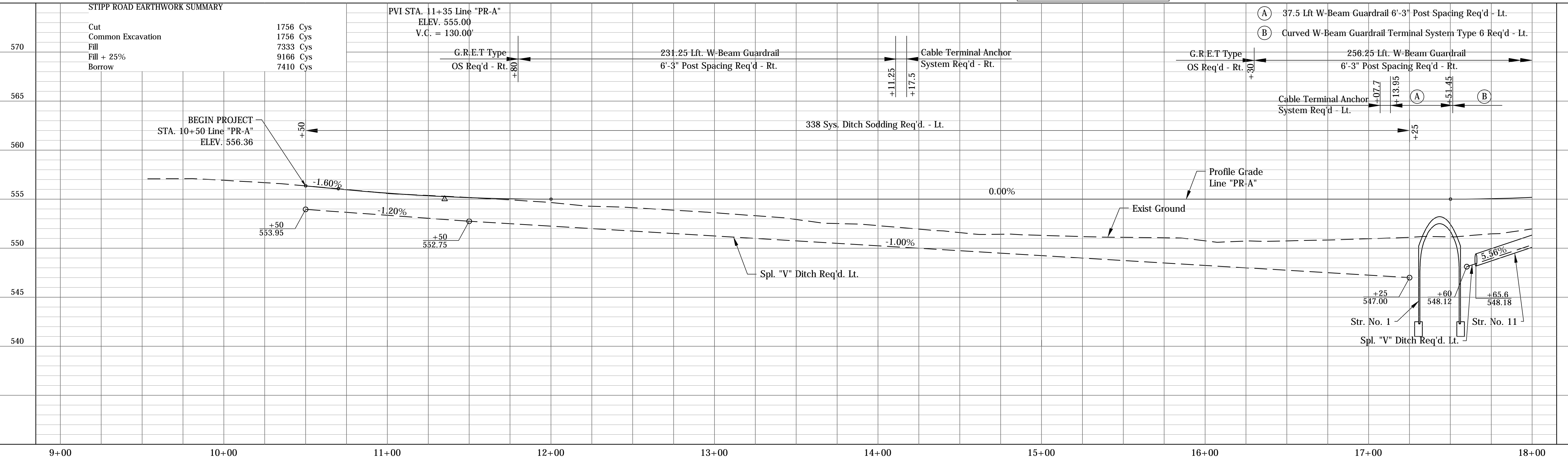
17+90.1, Str. No. 11
 42' of 15" Pipe, Type 3 &
 2 Pipe End Sections Req'd.
 PI 17+81.08 "PR-A"
 $\Delta=6^{\circ}58'24''$ Rt.
 Monument Type "B" Req'd.



STIPP ROAD EARTHWORK SUMMARY

Cut	1756 Cys
Common Excavation	1756 Cys
Fill	7333 Cys
Fill + 25%	9166 Cys
Borrow	7410 Cys

PVI STA. 11+35 Line "PR-A"
 ELEV. 555.00
 V.C. = 130.00'



POSTPLOT ENGINEER TIMES SAM_PMS

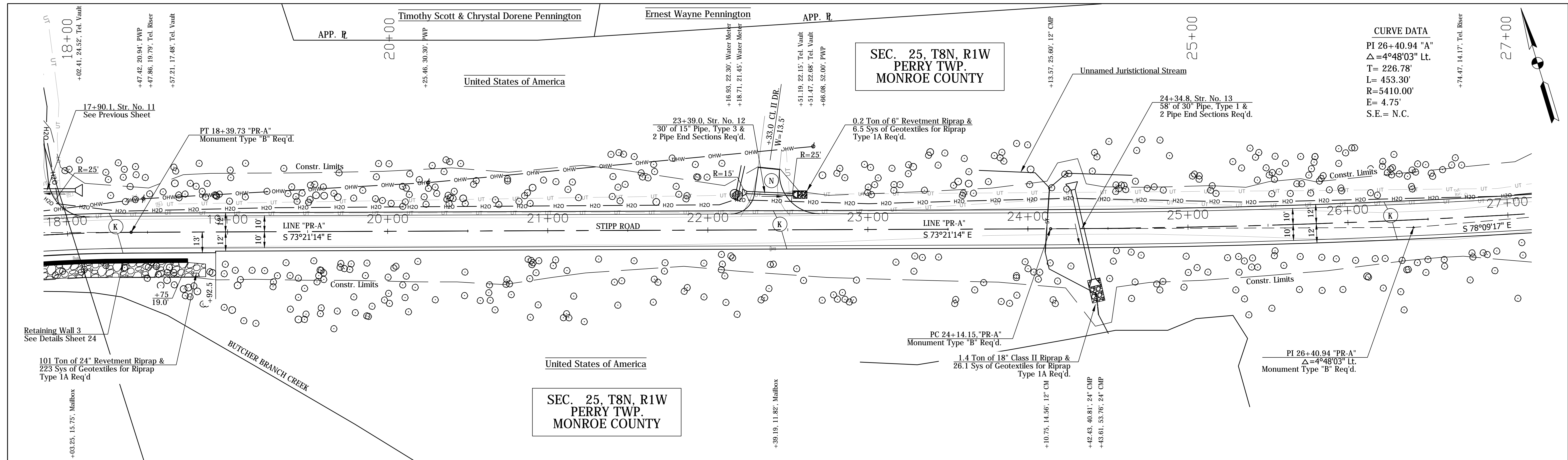
- (K) Full Depth HMA Pavement:
 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on
 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on
 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on
 6" Compacted Aggregate, No. 53, Base on
 Subgrade Treatment, Type 1B
- (N) 6" Compacted Aggregate No. 73 on
 Subgrade Treatment, Type II

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: BSF	
CHECKED: LAR	CHECKED: LAR	

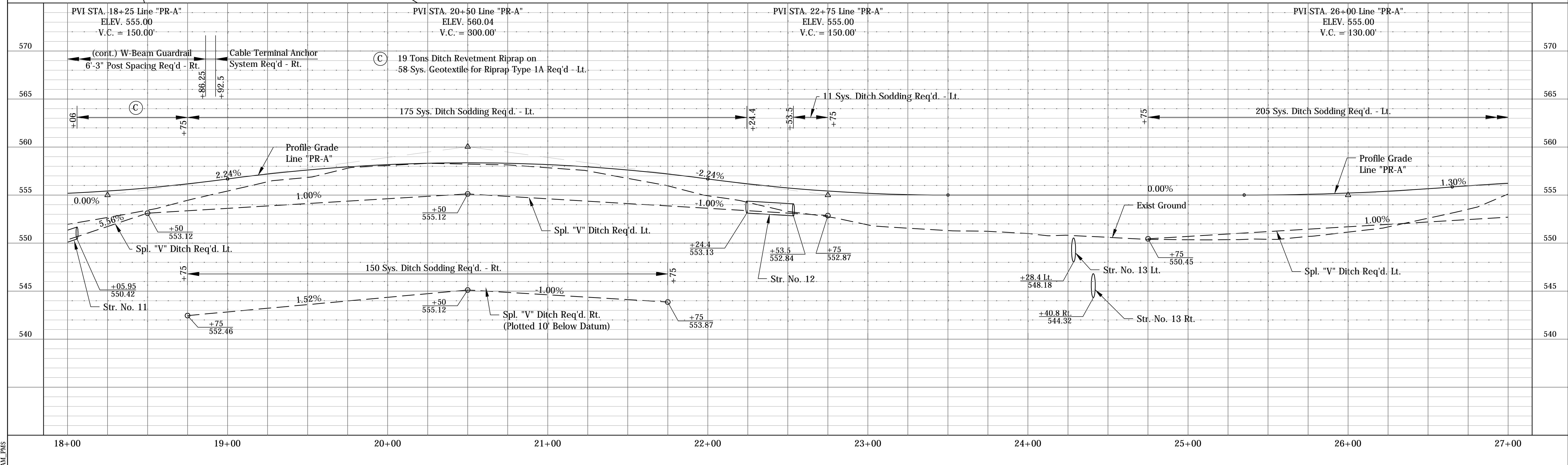
MONROE COUNTY, INDIANA

**PLAN & PROFILE - STIPP ROAD
 STA. 9+00 TO STA. 18+00 "PR-A"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	10 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



CURVE DATA
 PI 26+40.94 "A"
 $\Delta = 4^\circ 48' 03''$ Lt.
 T= 226.78'
 R= 5410.00'
 E= 4.75'
 S.E.= N.C.



(K) Full Depth HMA Pavement:
 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on
 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on
 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on
 6" Compacted Aggregate, No. 53, Base on
 Subgrade Treatment, Type 1B

(N) 6" Compacted Aggregate No. 73 on
 Subgrade Treatment, Type II

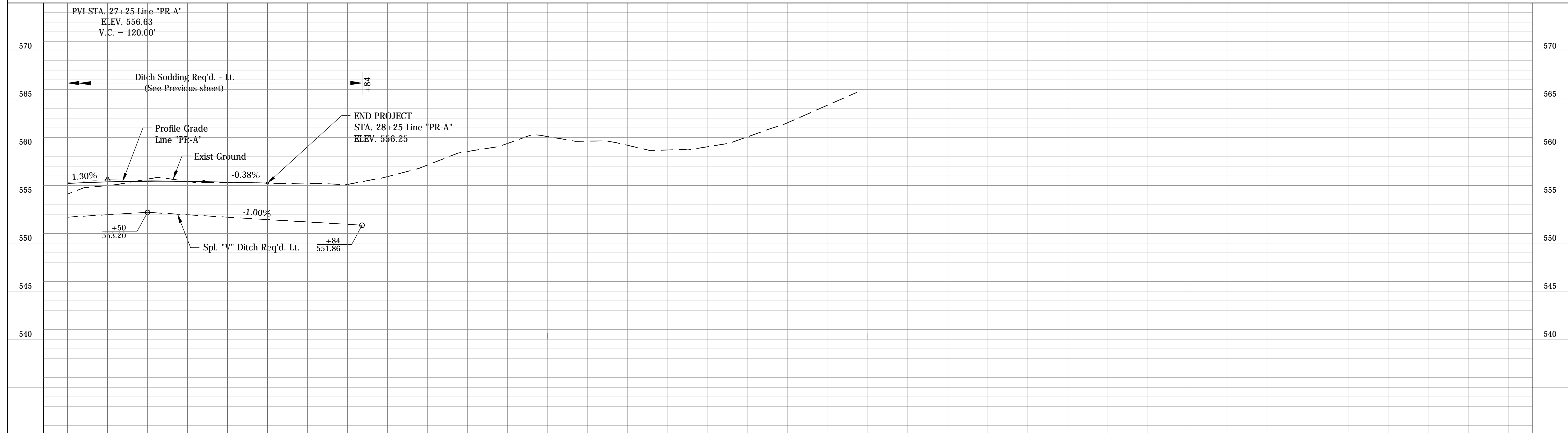
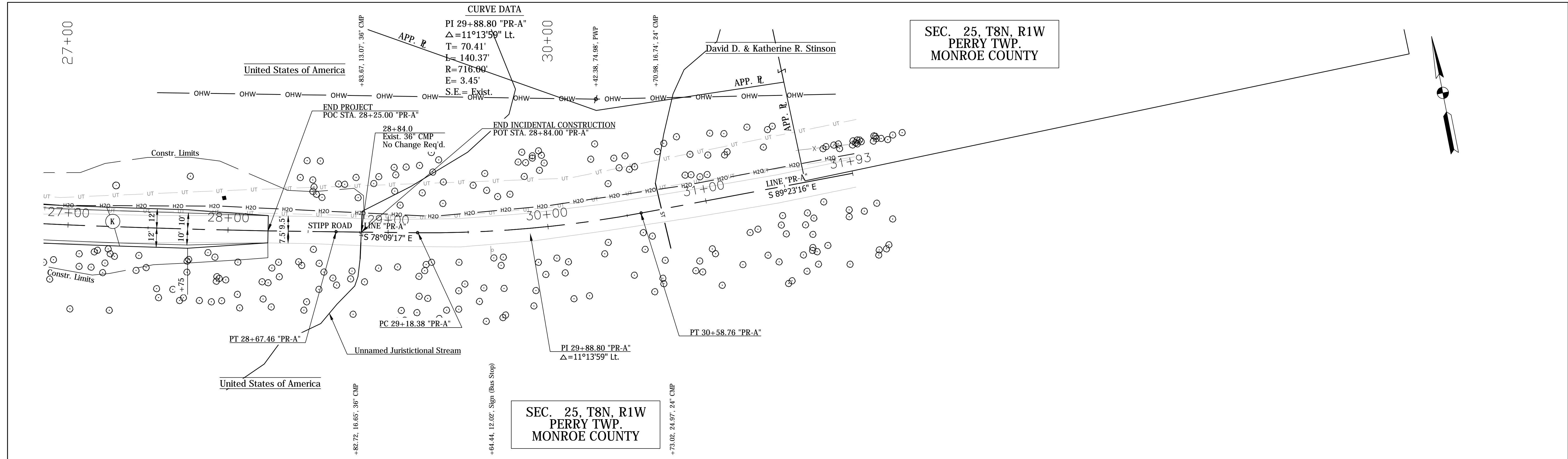
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: BSF	
CHECKED: LAR	CHECKED: LAR	

MONROE COUNTY, INDIANA

PLAN & PROFILE - STIPP ROAD
 STA. 18+00 TO STA. 27+00 "PR-A"

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE Monroe Co. Br. 912
VERTICAL SCALE 1" = 5'	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 11 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

POSTPLOT ENGINEER TIMES SAM_PMS



(K) Full Depth HMA Pavement:
 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on
 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on
 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on
 6" Compacted Aggregate, No. 53, Base on
 Subgrade Treatment, Type 1B
 (N) 6" Compacted Aggregate No. 73 on
 Subgrade Treatment, Type II

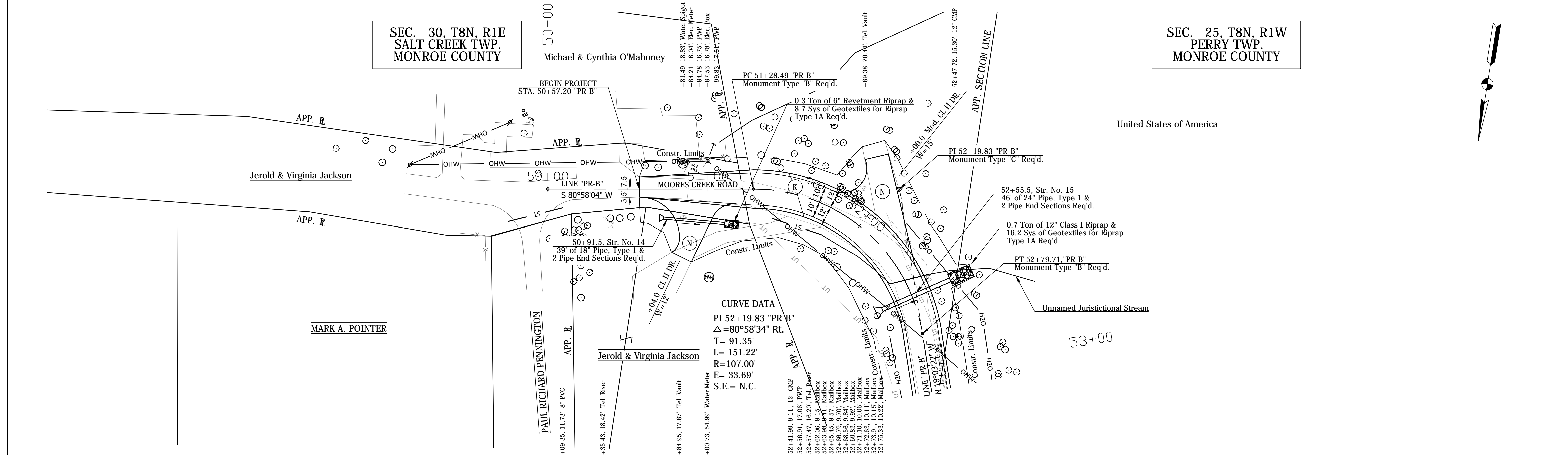
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: BSF	
CHECKED: LAR	CHECKED: LAR	

MONROE COUNTY, INDIANA

PLAN & PROFILE - STIPP ROAD
STA. 27+00 TO STA. 32+00 "PR-A"

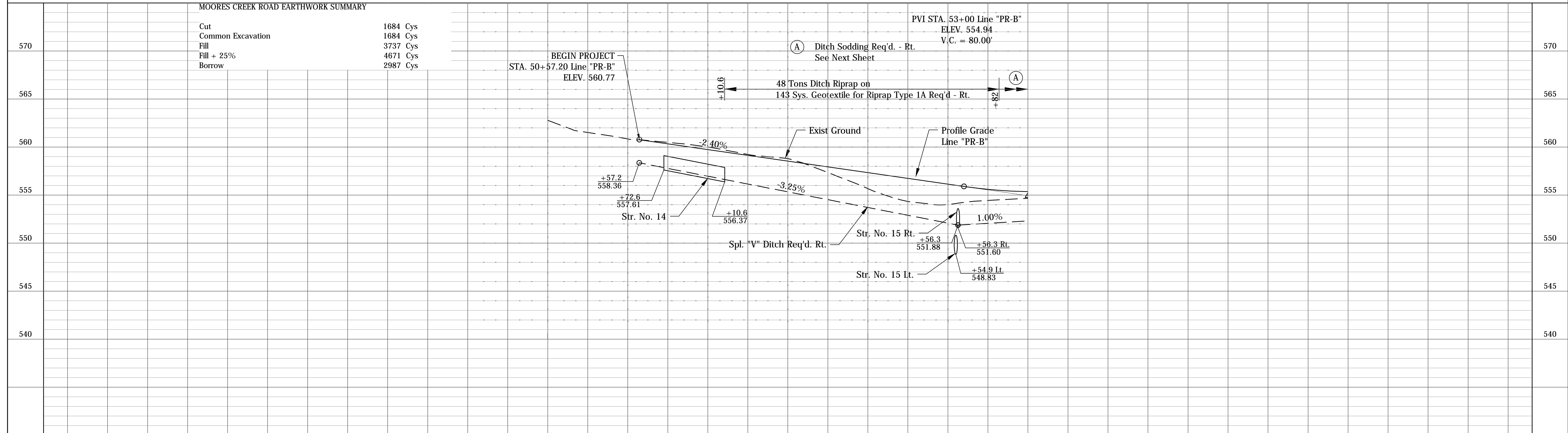
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	12 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

P:\SPLLOT\DRIBHRT\TIMES_SAM_PMS
 SFILES



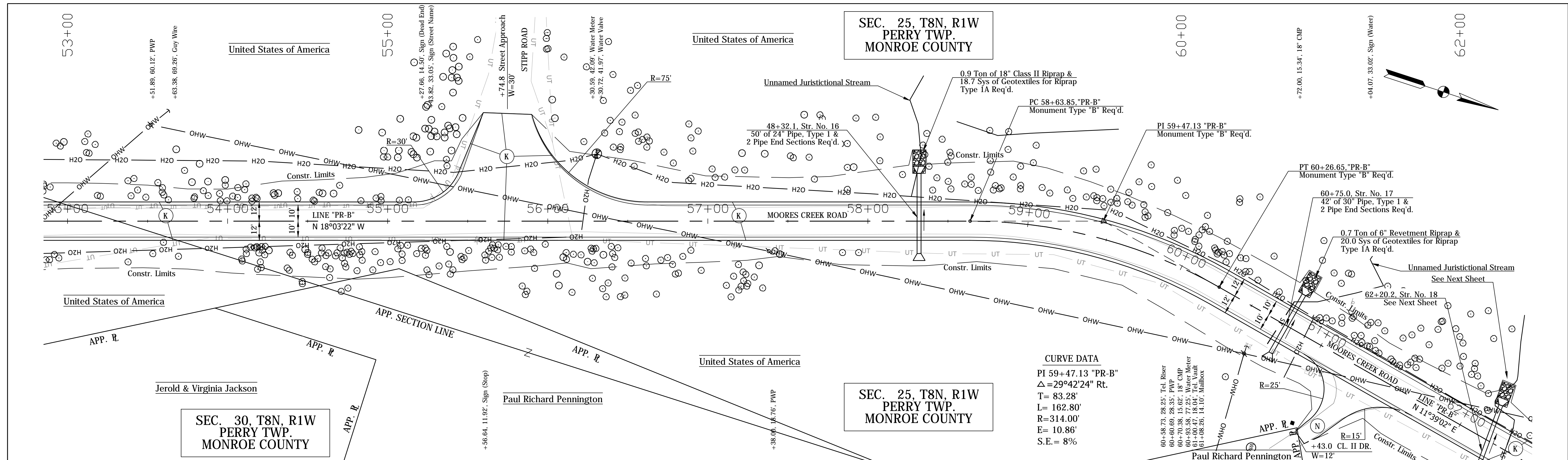
MOORES CREEK ROAD EARTHWORK SUMMARY

Cut	1684 Cys
Common Excavation	1684 Cys
Fill	3737 Cys
Fill + 25%	4671 Cys
Borrow	2987 Cys

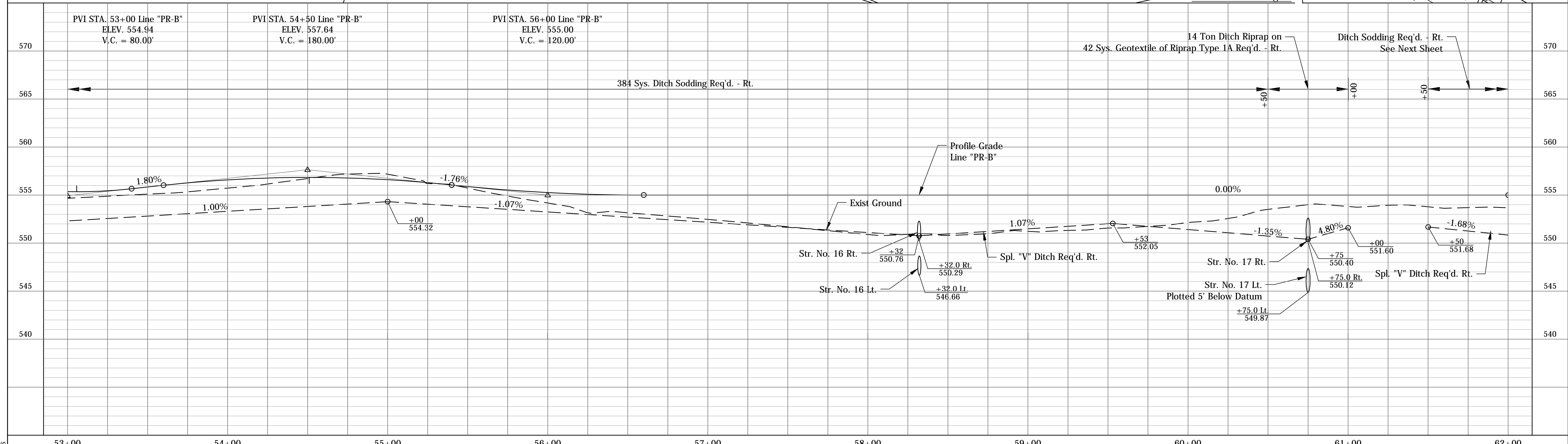


(K) Full Depth HMA Pavement: 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on 6" Compacted Aggregate, No. 53, Base on Subgrade Treatment, Type 1B (N) 6" Compacted Aggregate No. 73 on Subgrade Treatment, Type II	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	MONROE COUNTY, INDIANA PLAN & PROFILE - MOORES CREEK ROAD STA. 50+00 TO STA. 53+00 "PR-B"	HORIZONTAL SCALE 1" = 30' BRIDGE FILE N/A
	DESIGNED: _____ BSF _____ DRAWN: _____ BSF _____ CHECKED: _____ LAR _____ CHECKED: _____ LAR _____		VERTICAL SCALE 1" = 5' DESIGNATION N/A
		SURVEY BOOK N/A	SHEETS 13 of 69
		CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

P:\S\PROJECTS\TIMES_SAM_PMS\SF\FILES

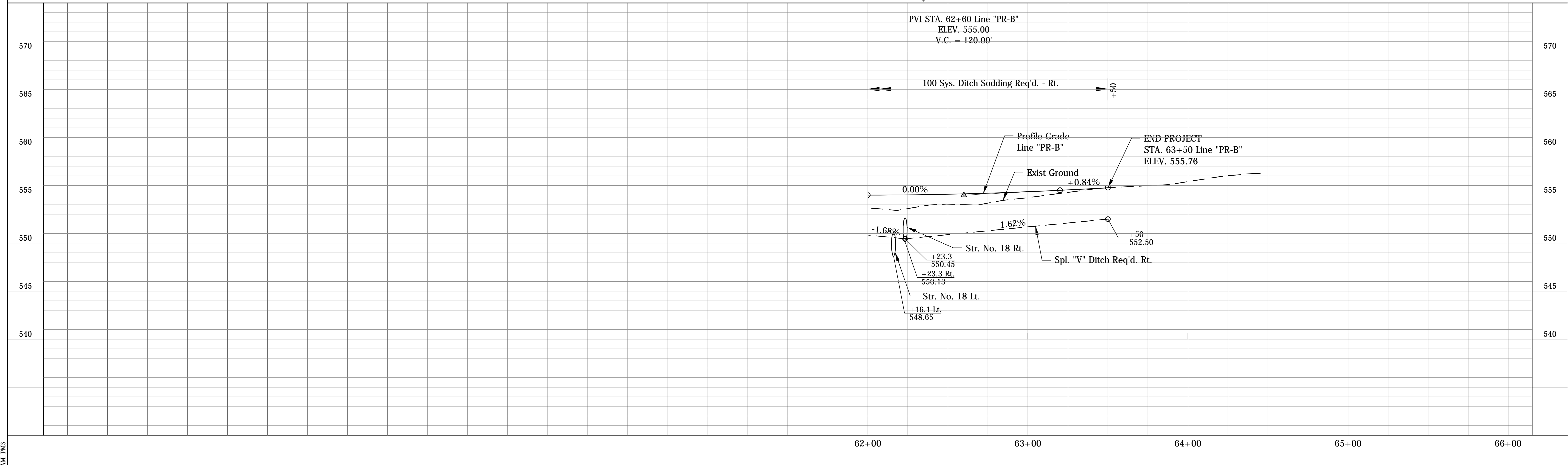
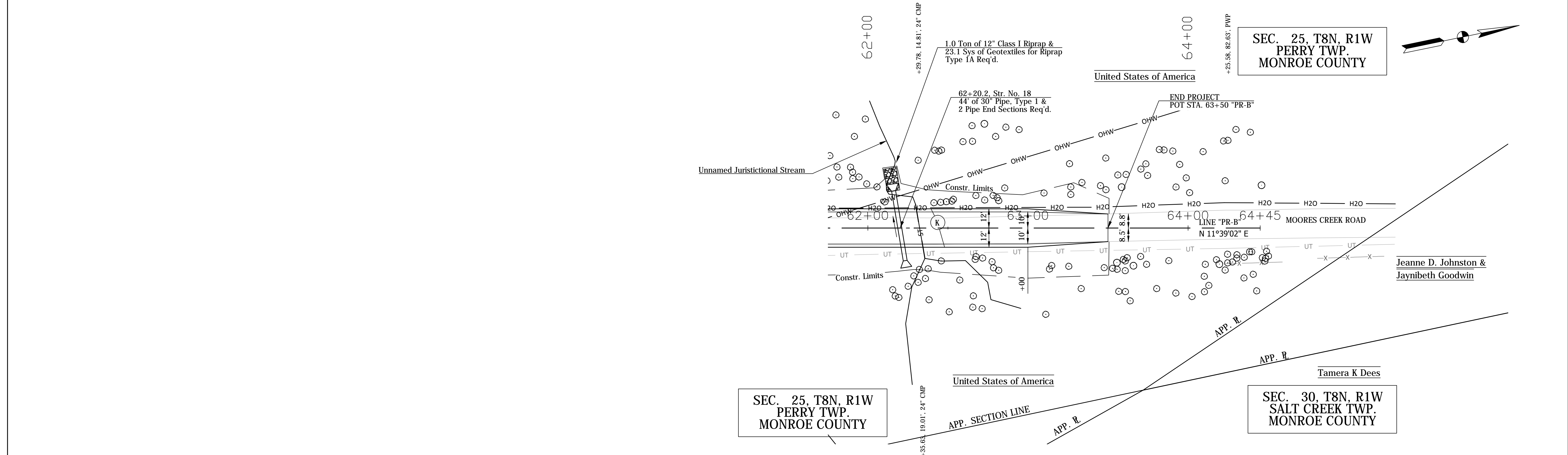


CURVE DATA
 PI 59+47.13 "PR-B"
 $\Delta = 29^\circ 42' 24''$ Rt.
 T = 83.28'
 L = 162.80'
 R = 314.00'
 E = 10.86'
 S.E. = 8%



(K) Full Depth HMA Pavement: 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on 220 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on 6" Compacted Aggregate, No. 53, Base on Subgrade Treatment, Type 1B (N) 6" Compacted Aggregate No. 73 on Subgrade Treatment, Type II	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		MONROE COUNTY, INDIANA PLAN & PROFILE - MOORES CREEK ROAD STA. 53+00 TO STA. 62+00 "PR-B"		HORIZONTAL SCALE 1" = 30' BRIDGE FILE N/A
	DESIGNED: _____ BSF DRAWN: _____ BSF CHECKED: _____ LAR CHECKED: _____ LAR				VERTICAL SCALE 1" = 5' DESIGNATION N/A
					SURVEY BOOK N/A SHEETS 14 of 69
					CONTRACT N/A PROJECT STIPP ROAD & MOORES CREEK ROAD

PLOTTED IN: 11:00 AM 11/11/2024
 PLOTTER: HP DesignJet T1100PS
 PLOTTER DRIVER: HP DesignJet T1100PS



(K) Full Depth HMA Pavement:
 165 #/SYS QC/QA HMA, 2, 64, Surface 9.5 mm on
 220 # SYS QC/QA HMA, 2, 64, Intermediate 19.0 mm on
 330 #/SYS QC/QA HMA, 2, 64, Base 25.0 mm on
 6" Compacted Aggregate, No. 53, Base on
 Subgrade Treatment, Type 1B
 (N) 6" Compacted Aggregate No. 73 on
 Subgrade Treatment, Type II

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: BSF	
CHECKED: LAR	CHECKED: LAR	

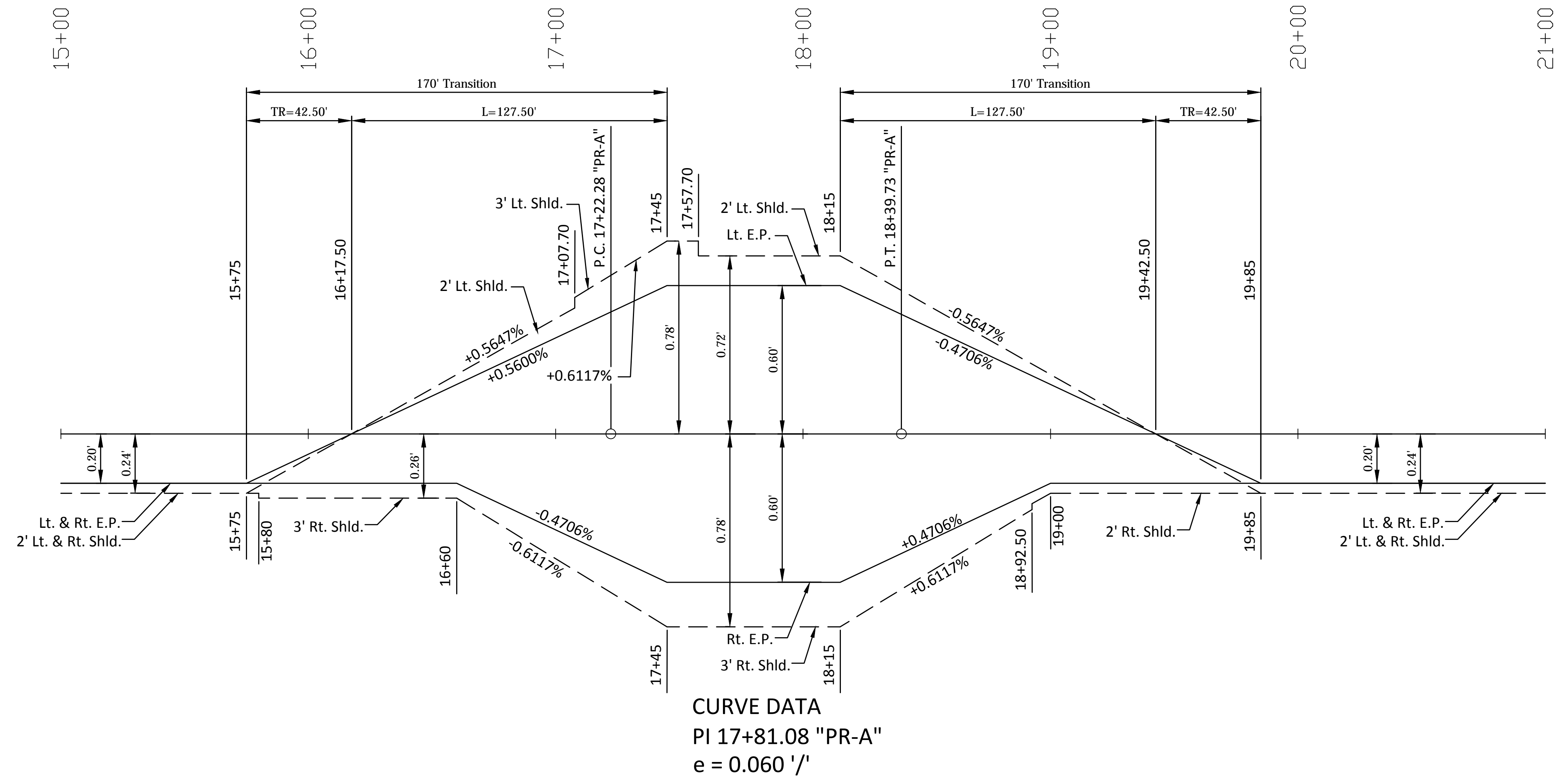
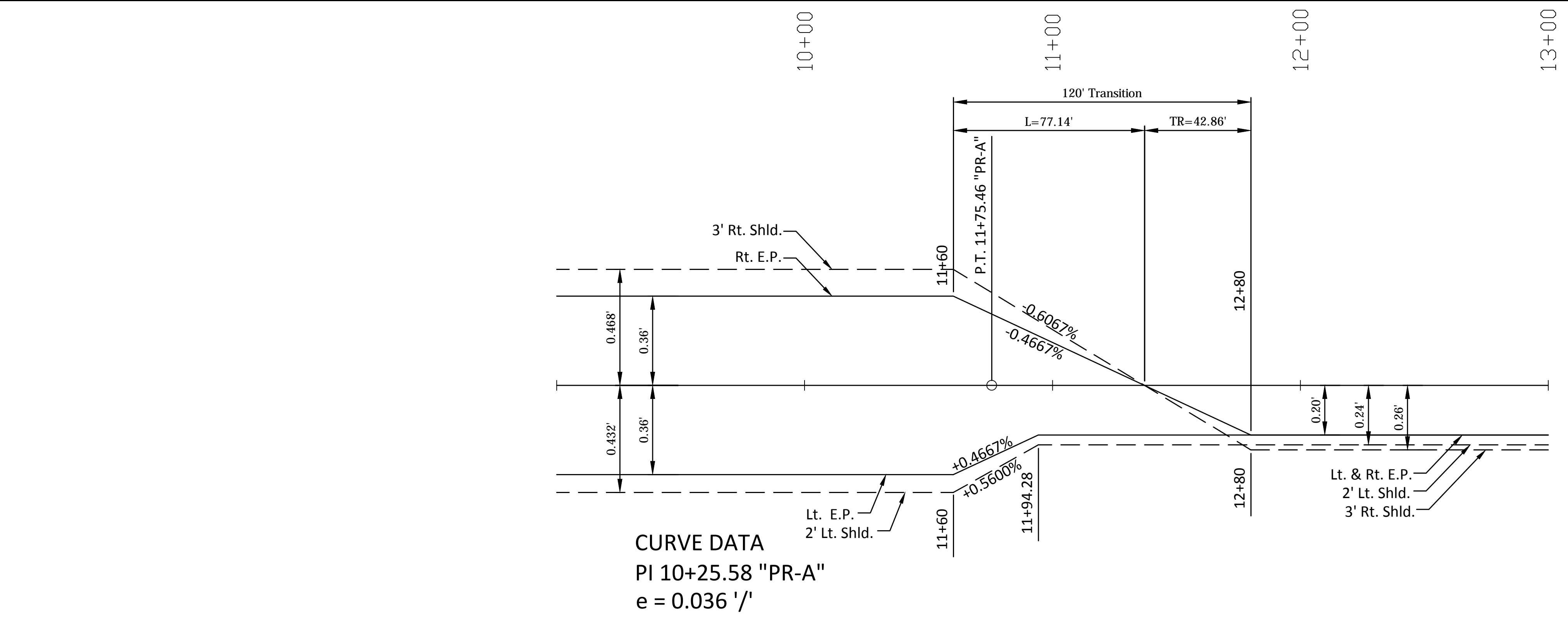
MONROE COUNTY, INDIANA

PLAN & PROFILE - MOORES CREEK ROAD
STA. 62+00 TO STA. 65+50 "PR-B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	15 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

PLOTTED: 12/15/2011 10:15:30 AM
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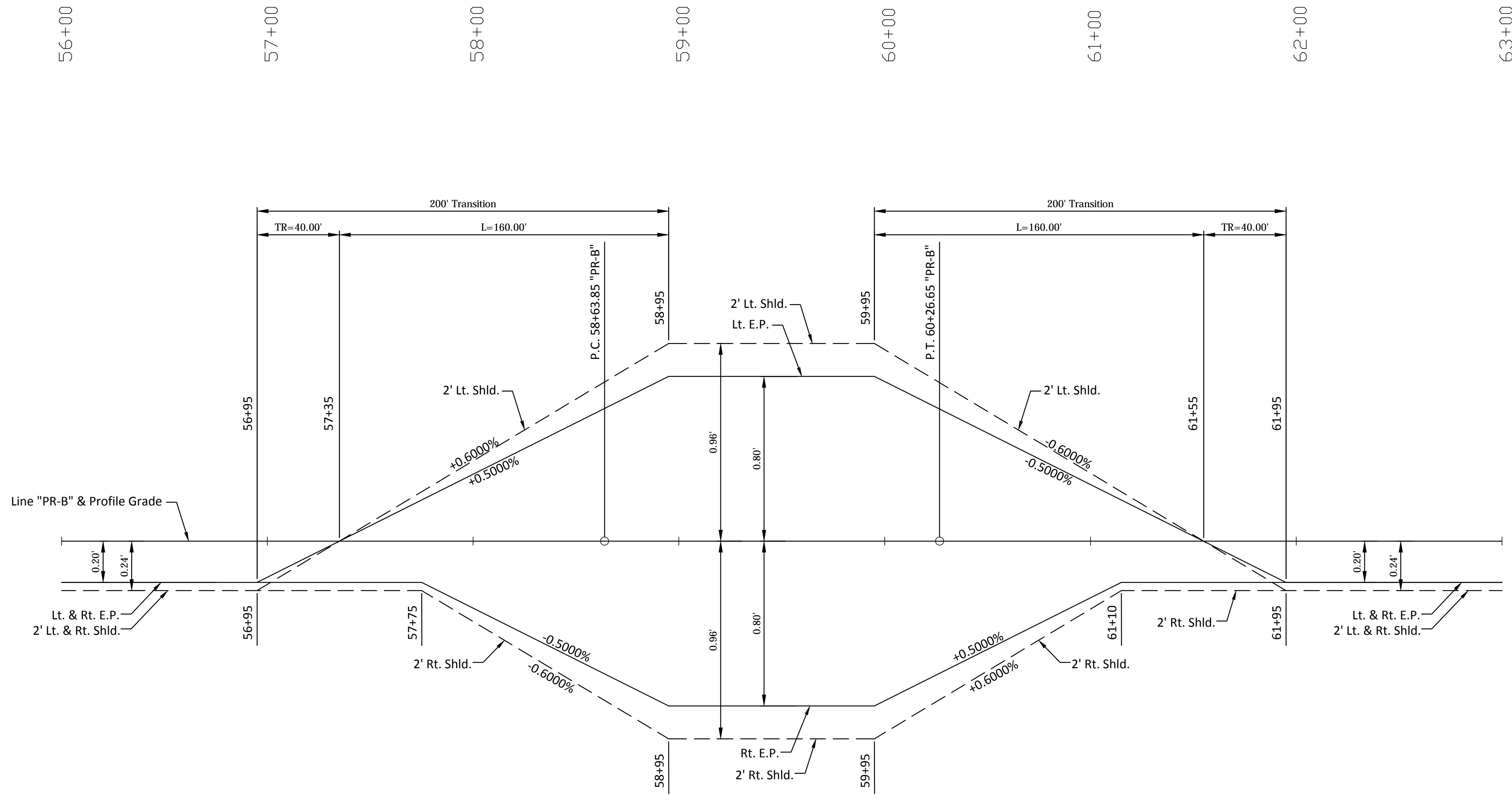


RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: _____	BSF	DRAWN: _____	BSF
CHECKED: _____	LAR	CHECKED: _____	LAR

MONROE COUNTY, INDIANA

SUPERELEVATION TRANSITION DIAGRAMS
LINE "PR-A" - STIPP ROAD

HORIZONTAL SCALE	BRIDGE FILE	
1" = 30'	Monroe Co. Br. 912	
VERTICAL SCALE	DESIGNATION	
1" = 0.3'	N/A	
SURVEY BOOK	SHEETS	
N/A	16	of 69
CONTRACT	PROJECT	
N/A	STIPP ROAD & MOORES CREEK ROAD	



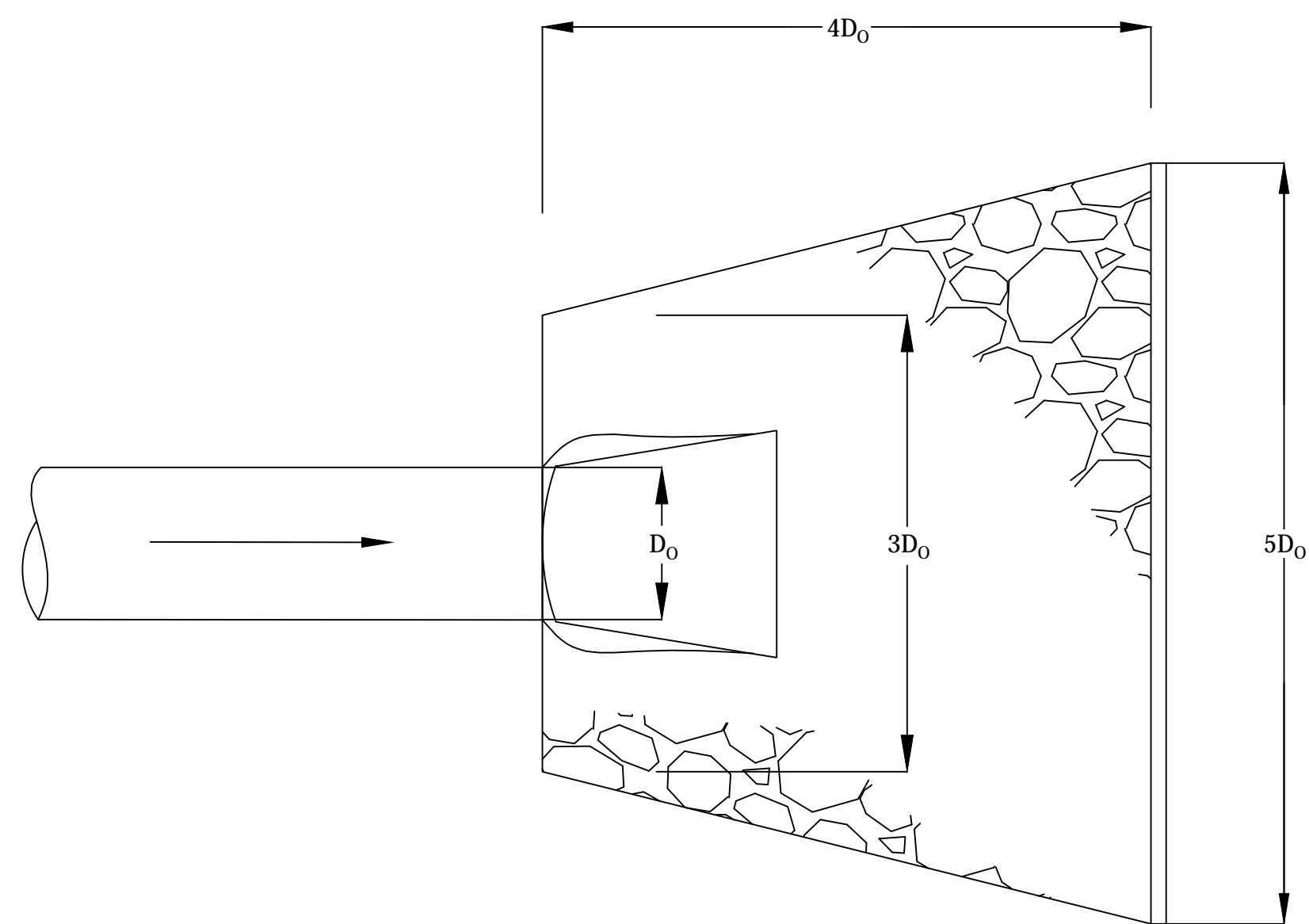
CURVE DATA
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 e = 0.080 '/'

P:\SPL\T\DRH\T\TIMES_SAM_PMS

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

MONROE COUNTY, INDIANA	
SUPERELEVATION TRANSITION DIAGRAM LINE "PR-B" - MOORES CREEK ROAD	

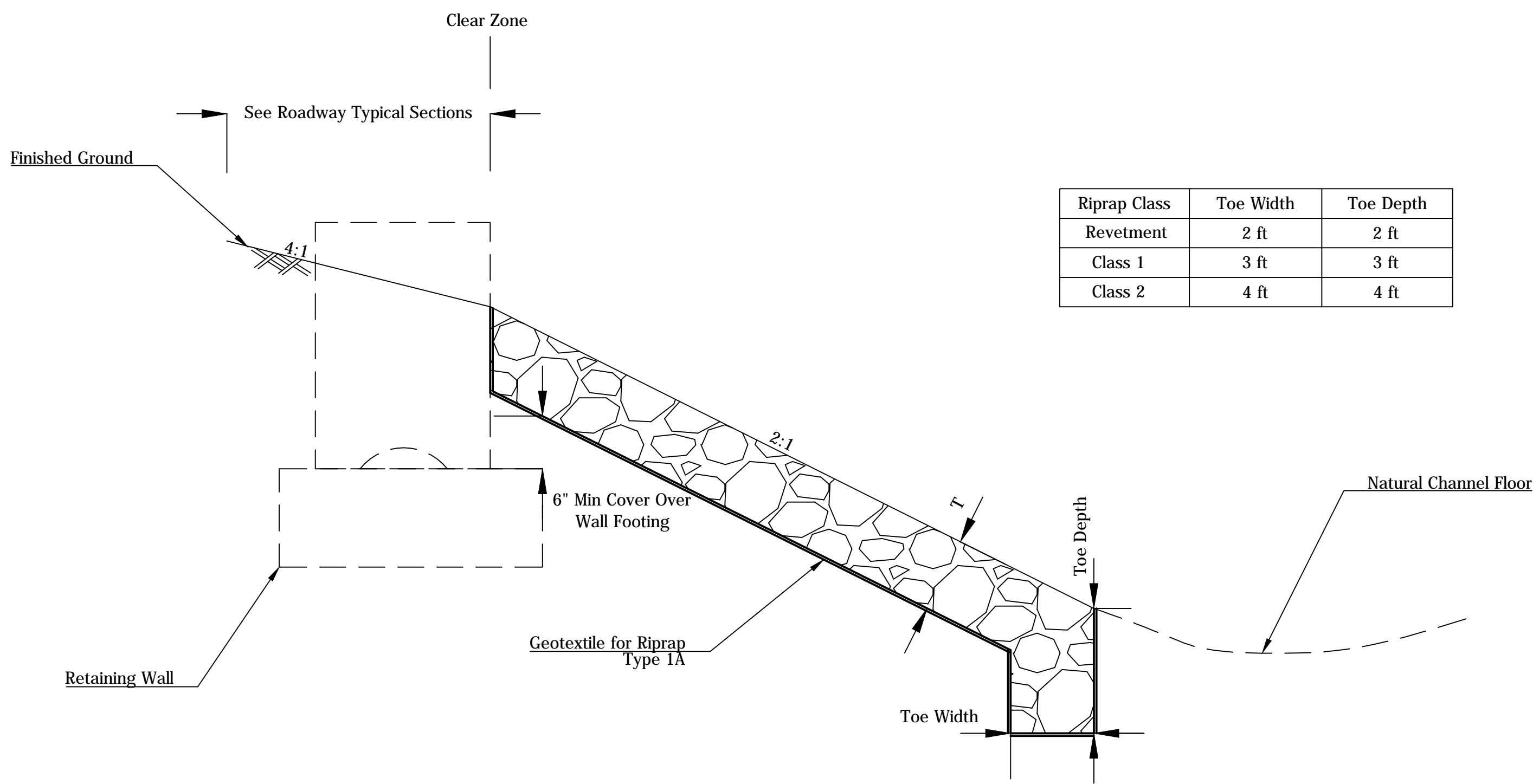
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 0.3'	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 17 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



D_0 = Outside Diameter of Structure

Plan View

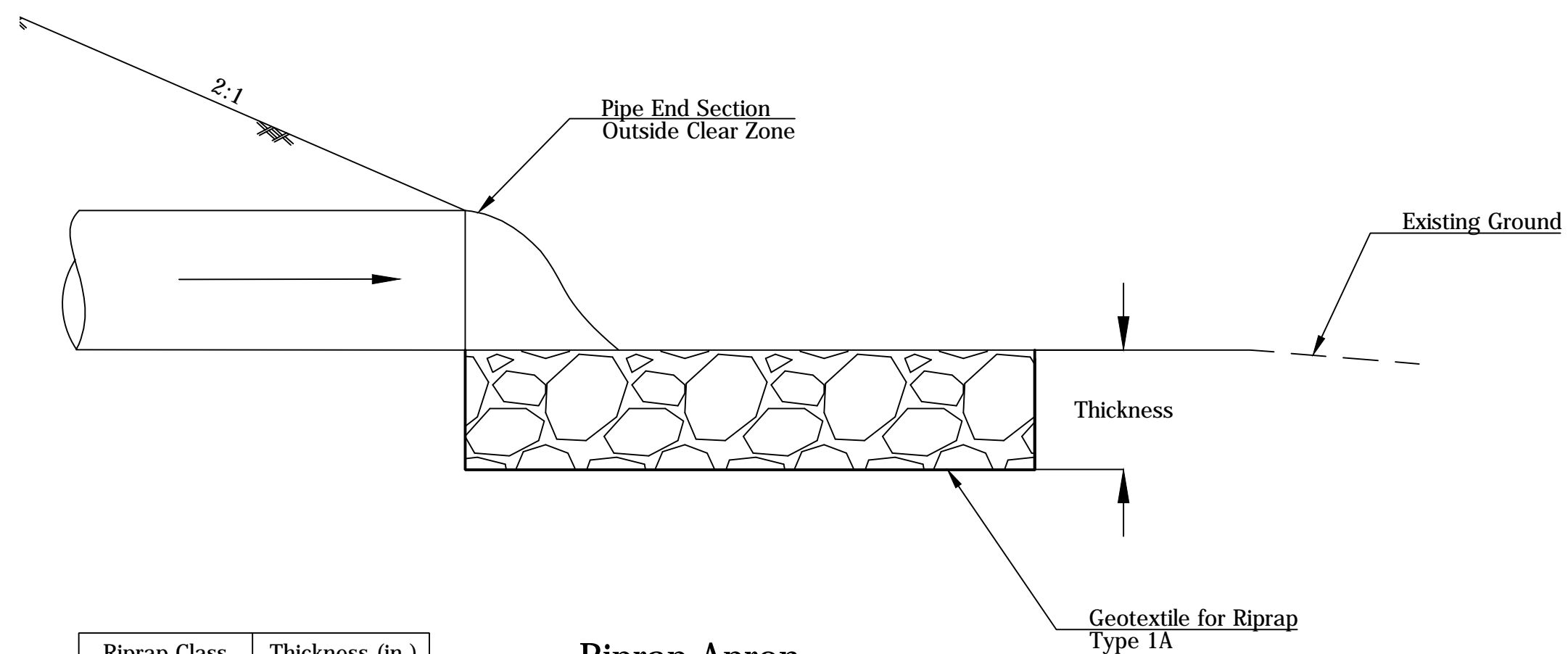
Scale: N.T.S.



Riprap Class	Toe Width	Toe Depth
Revetment	2 ft	2 ft
Class 1	3 ft	3 ft
Class 2	4 ft	4 ft

Stipp Road Embankment Riprap

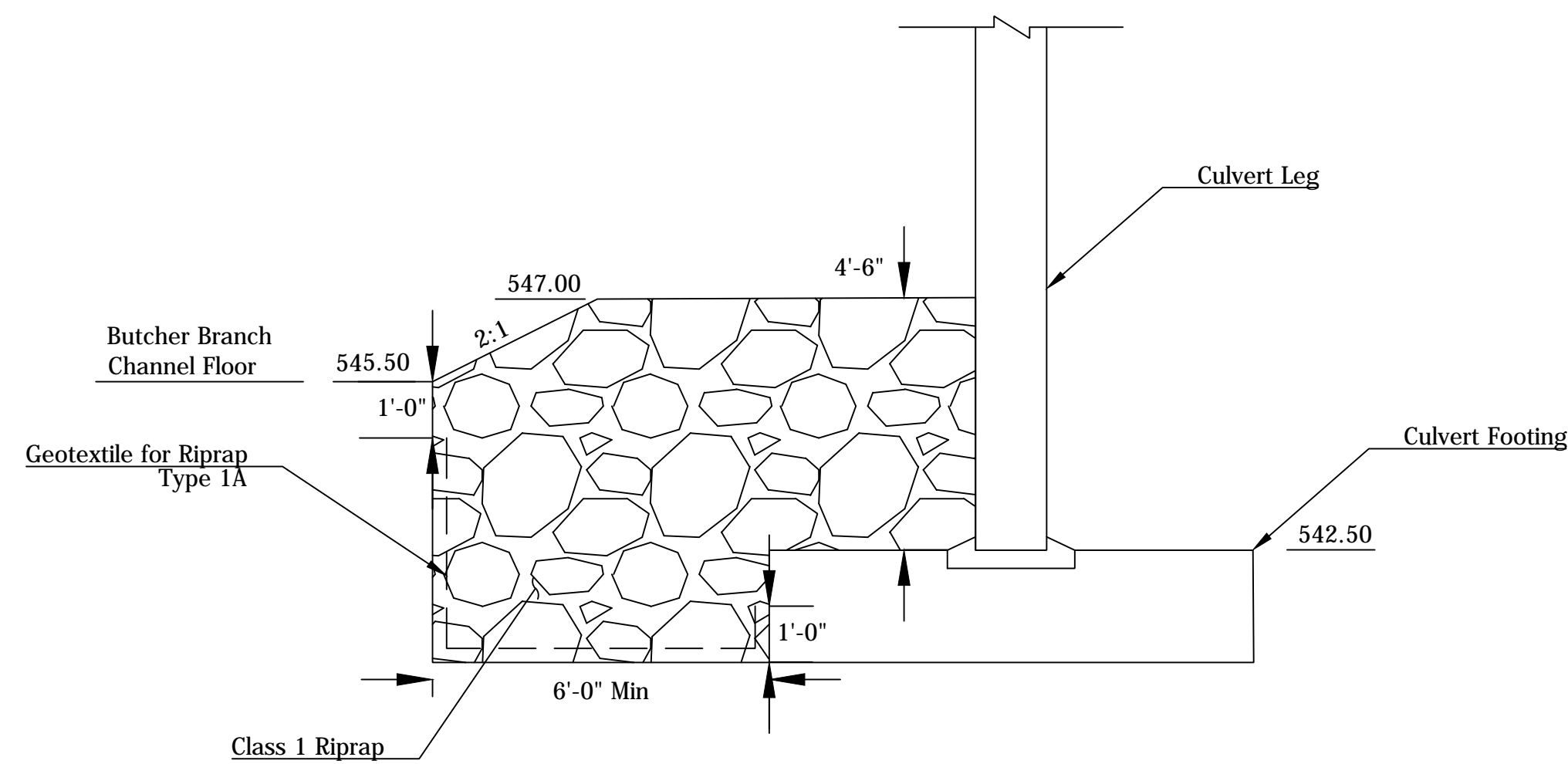
Scale: N.T.S.



Riprap Class	Thickness (in.)
Revetment	24
Class 1	36
Class 2	48

Riprap Apron

Scale: N.T.S.



Str. No. 1 Scour Protection

Scale: 1" = 1'-0"

Notes:

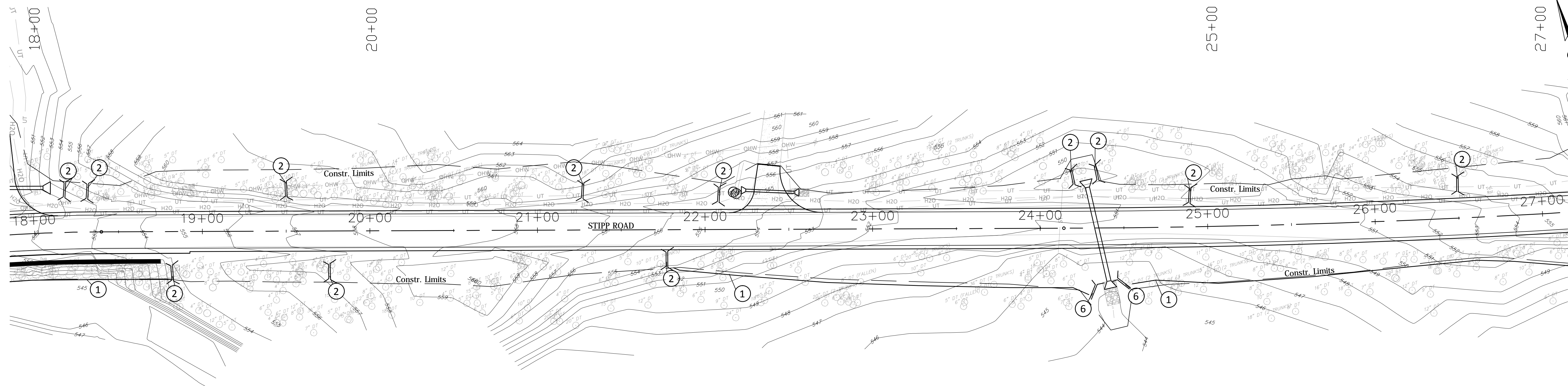
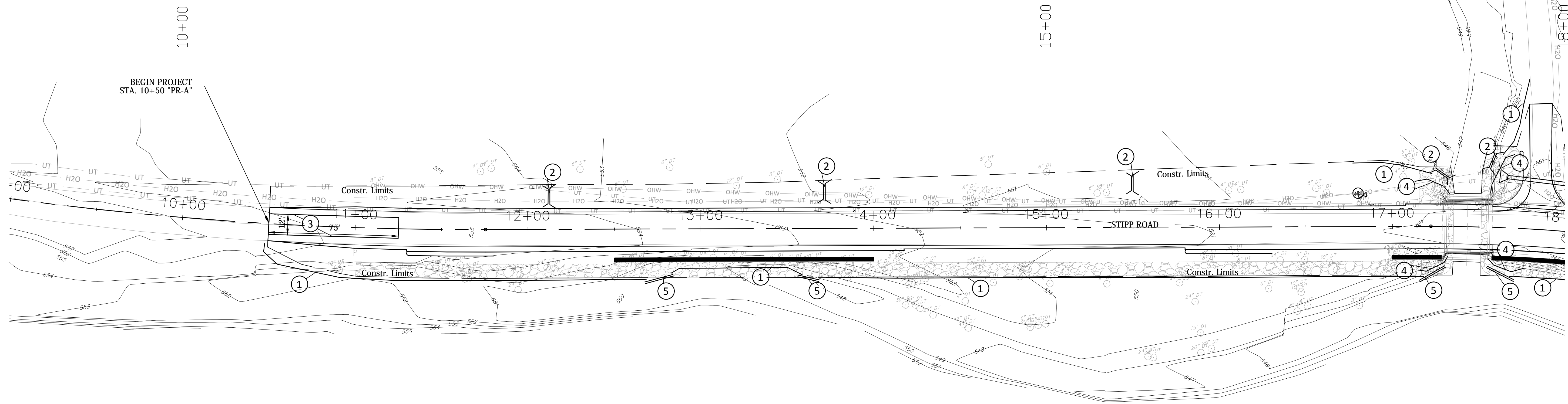
1. Riprap gradation is per INDOT standard specifications 2018 for classification shown in plans.
2. Geotextile fabric & riprap placement is per INDOT standard specifications 2018.

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

MONROE COUNTY, INDIANA

**DRAINAGE DETAIL
RIPRAP APRON & EMBANKMENT RIPRAP**

SCALE	BRIDGE FILE
AS SHOWN	MONROE COUNTY BRIDGE 912
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	18 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Thursday, February 14, 2019 6:46:47 PM

- ① Temporary Silt Fence (E 205-TECP-02)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-01)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECP-01)
- ④ Temporary Filter Sock (E 205-TECD-02)
- ⑤ Temporary Filter Berm at Silt Fence, Revetment Riprap (See Plan Details)
- ⑥ Temporary Filter Berm at Culvert Inlets, Revetment Riprap (See Plan Details)

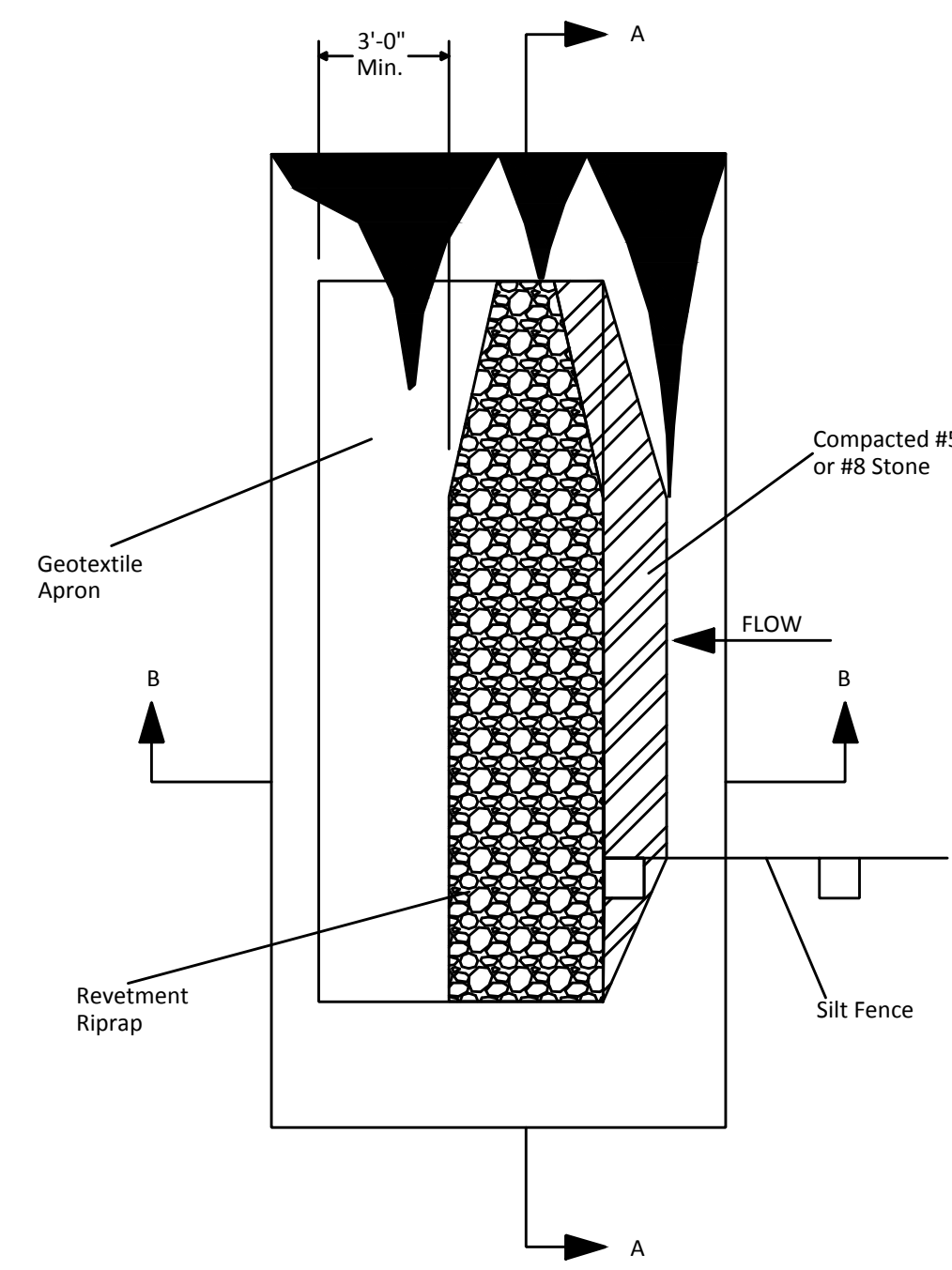
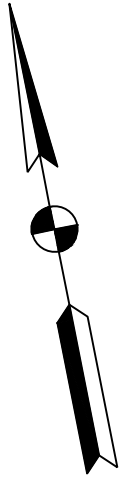
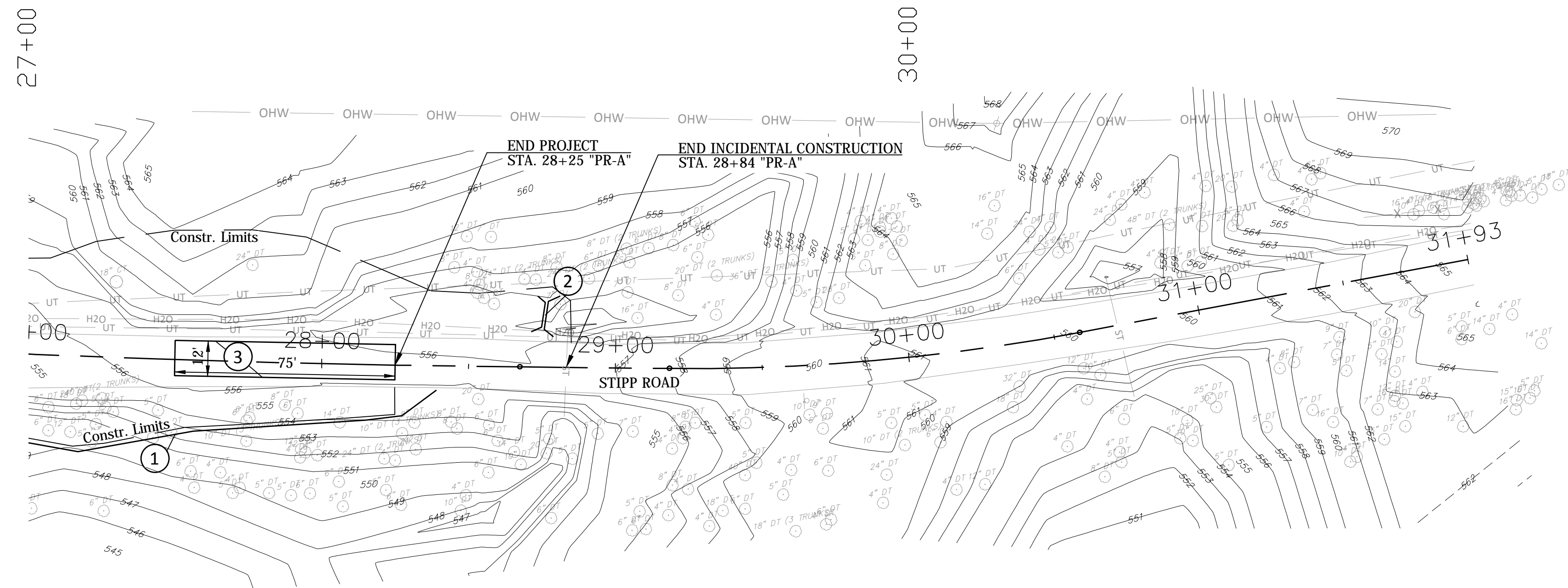
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ PRD	DRAWN: _____ PRD		
CHECKED: _____ BSF	CHECKED: _____ BSF		

MONROE COUNTY, INDIANA

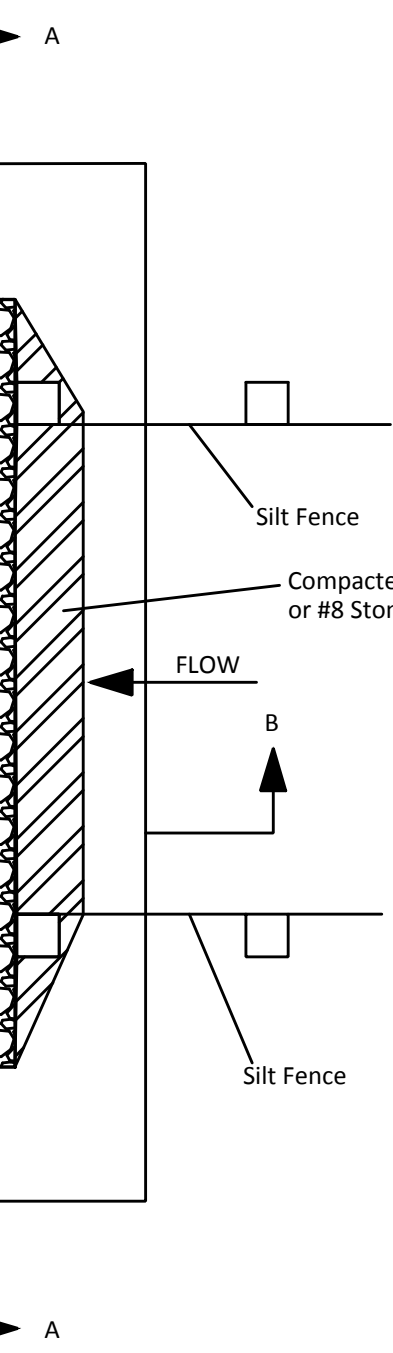
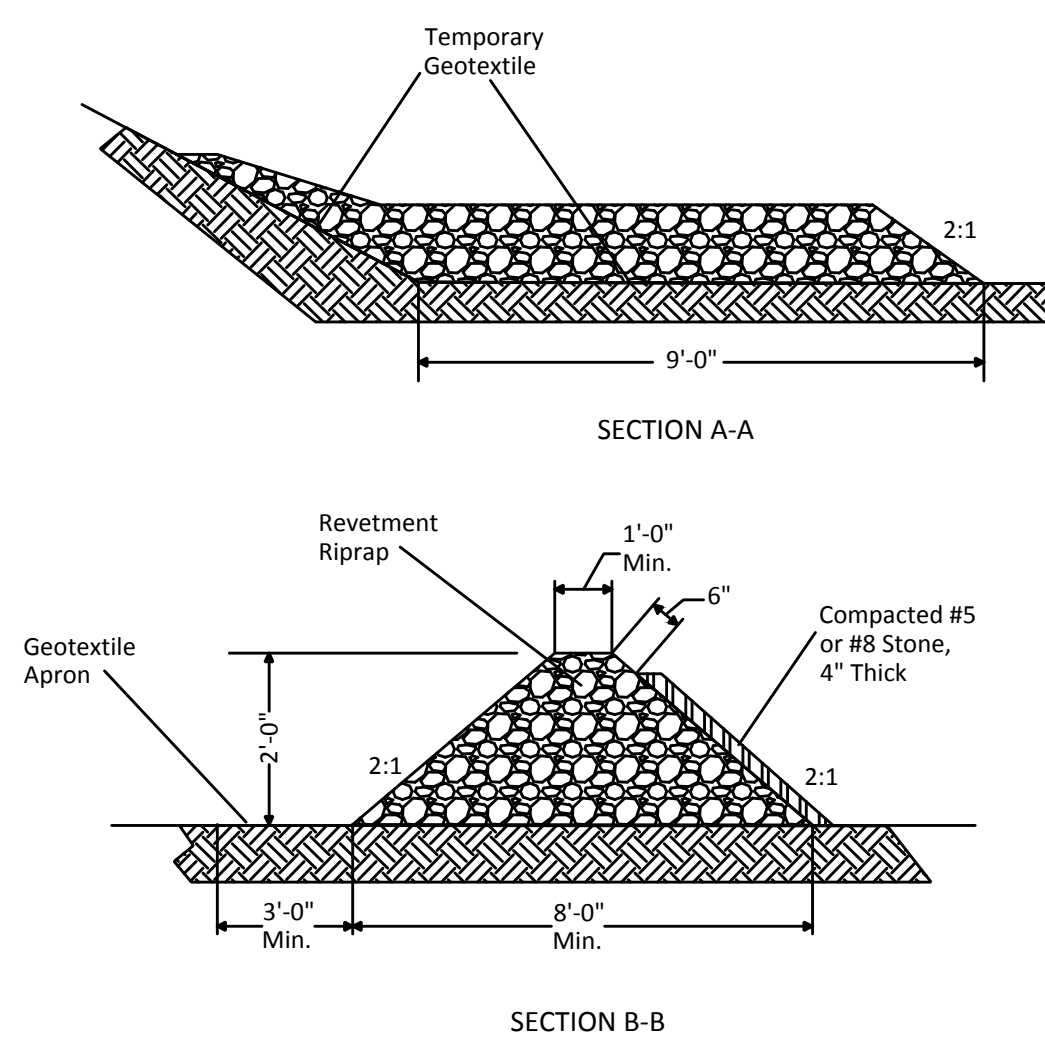
EROSION CONTROL DETAILS - STIPP ROAD
STA. 9+00 TO STA. 27+00 "PR-A"

SCALE 1"=30'	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 19 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

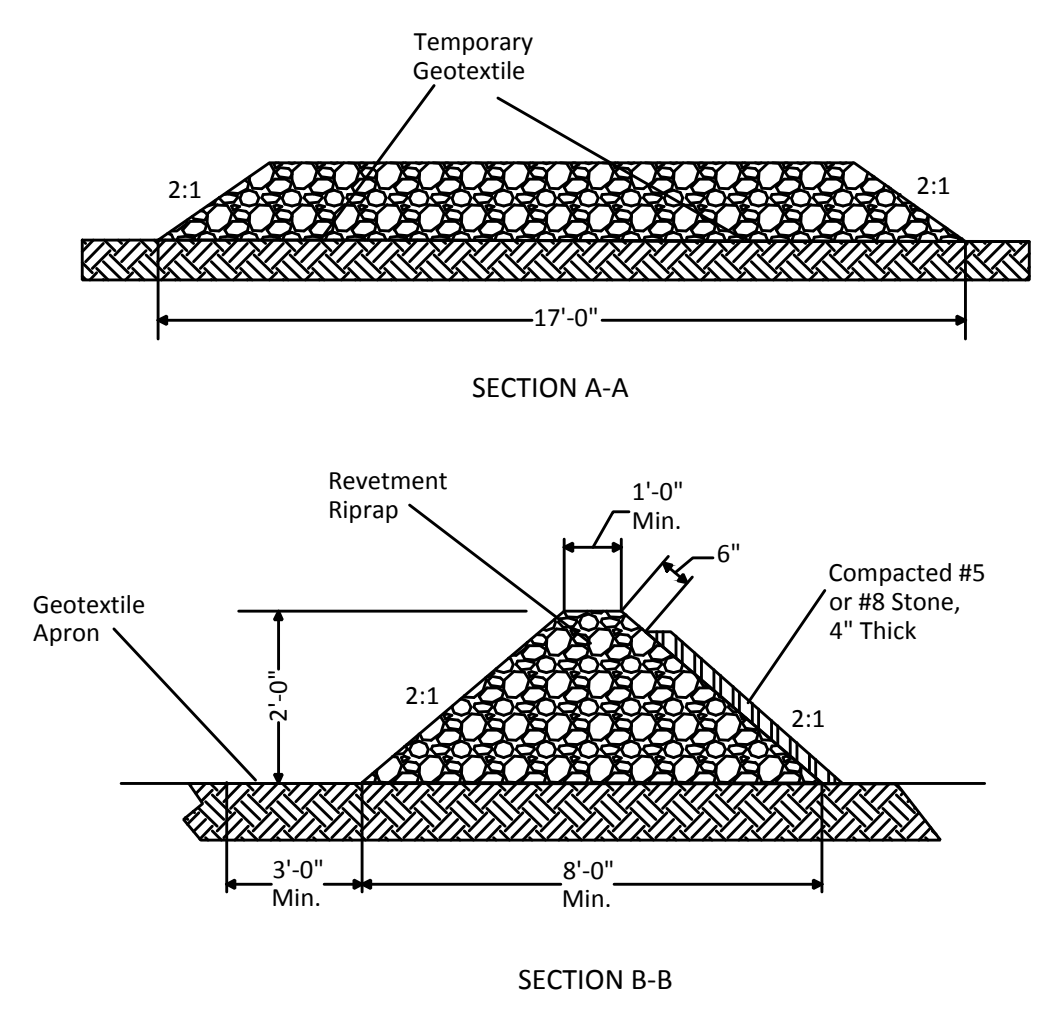
FILE: EC_PL01.DWG



Temporary Filter Berm at Culvert Inlets
N.T.S.



Temporary Filter Berm at Silt Fence
N.T.S.



PLOTTED: Thursday, February 14, 2019 6:50:54 PM

- ① Temporary Silt Fence (E 205-TECP-02)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-01)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECP-01)
- ④ Temporary Filter Sock (E 205-TECD-02)
- ⑤ Temporary Filter Berm at Silt Fence, Revetment Riprap (See Plan Details)
- ⑥ Temporary Filter Berm at Culvert Inlets, Revetment Riprap (See Plan Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

MONROE COUNTY, INDIANA	
EROSION CONTROL DETAILS - STIPP ROAD STA. 27+00 TO STA. 32+00 "PR-A"	

SCALE 1"=30'	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 20 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

PLOTTED: Friday, February 15, 2019 9:12:40 AM

FILE: EC_PL03.DWG

- ① Temporary Silt Fence (E 205-TECP-02)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-01)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECP-01)
- ④ Temporary Filter Sock (E 205-TECD-02)

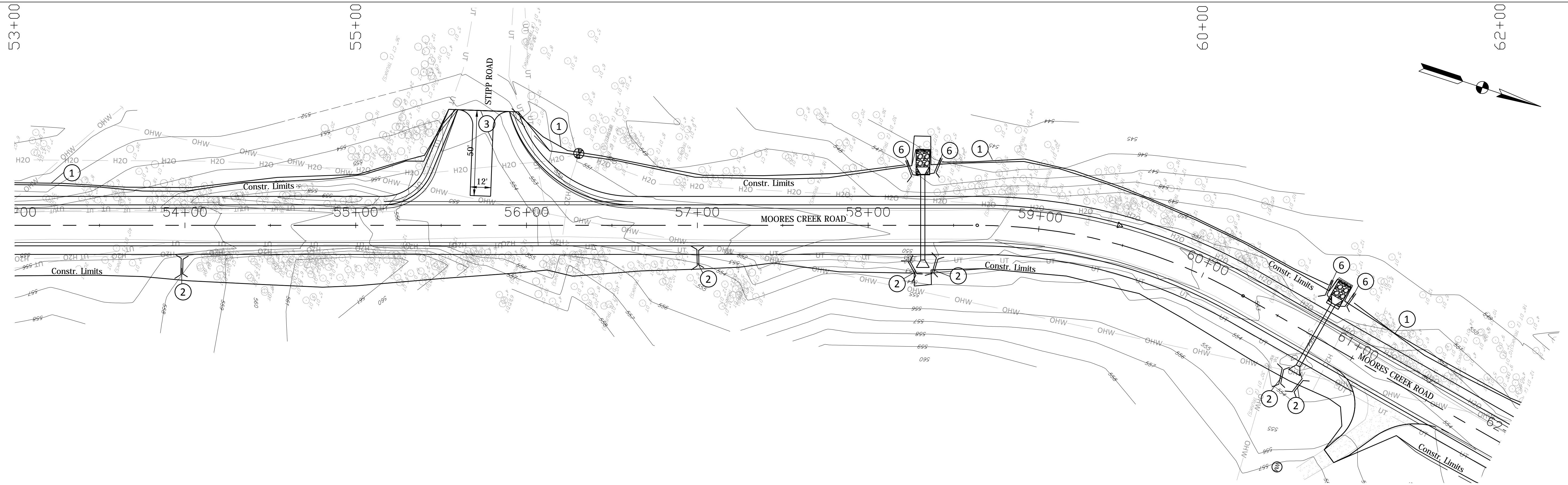
- ⑤ Temporary Filter Berm at Silt Fence, Revetment Riprap (See Plan Details)
- ⑥ Temporary Filter Berm at Culvert Inlets, Revetment Riprap (See Plan Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

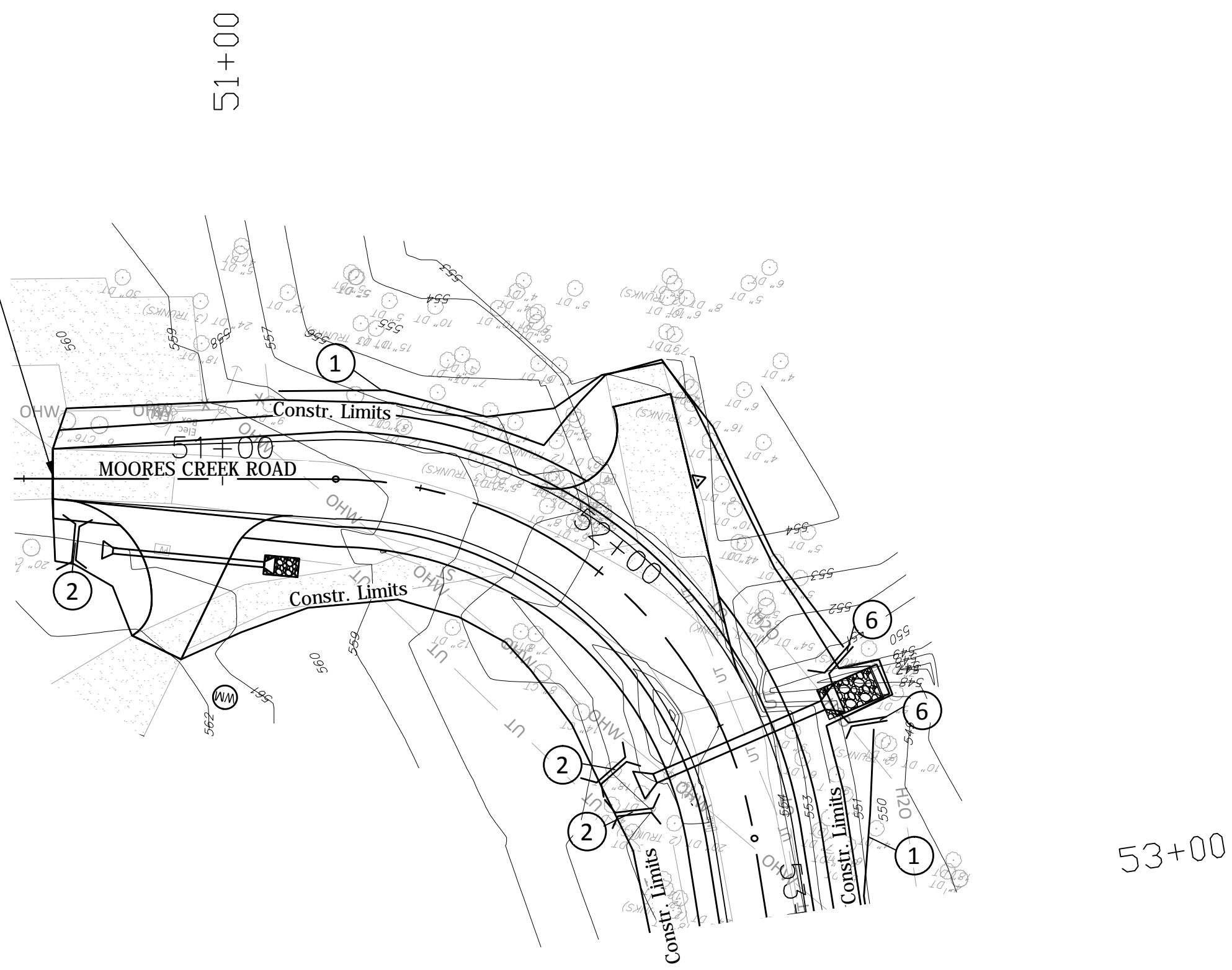
MONROE COUNTY, INDIANA

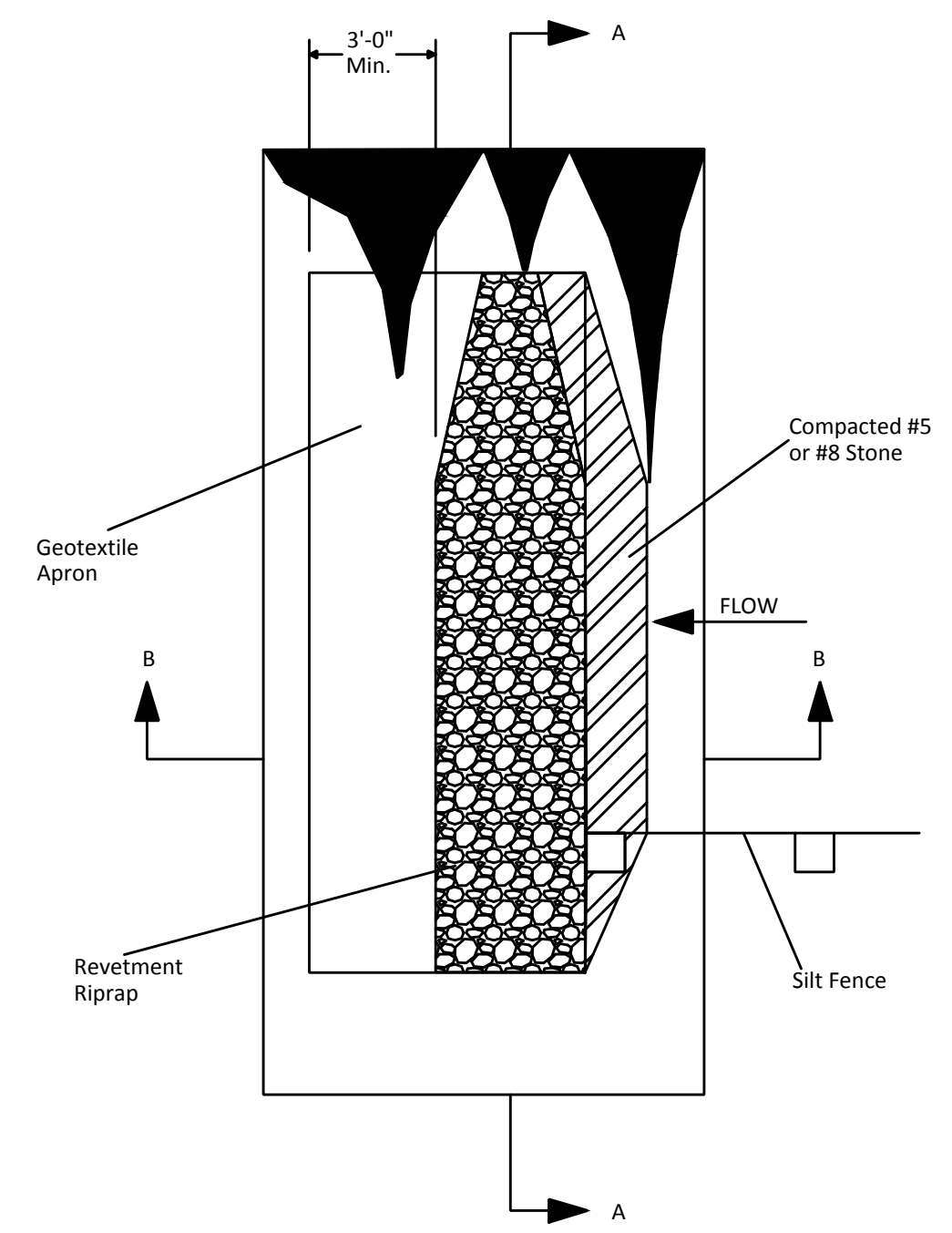
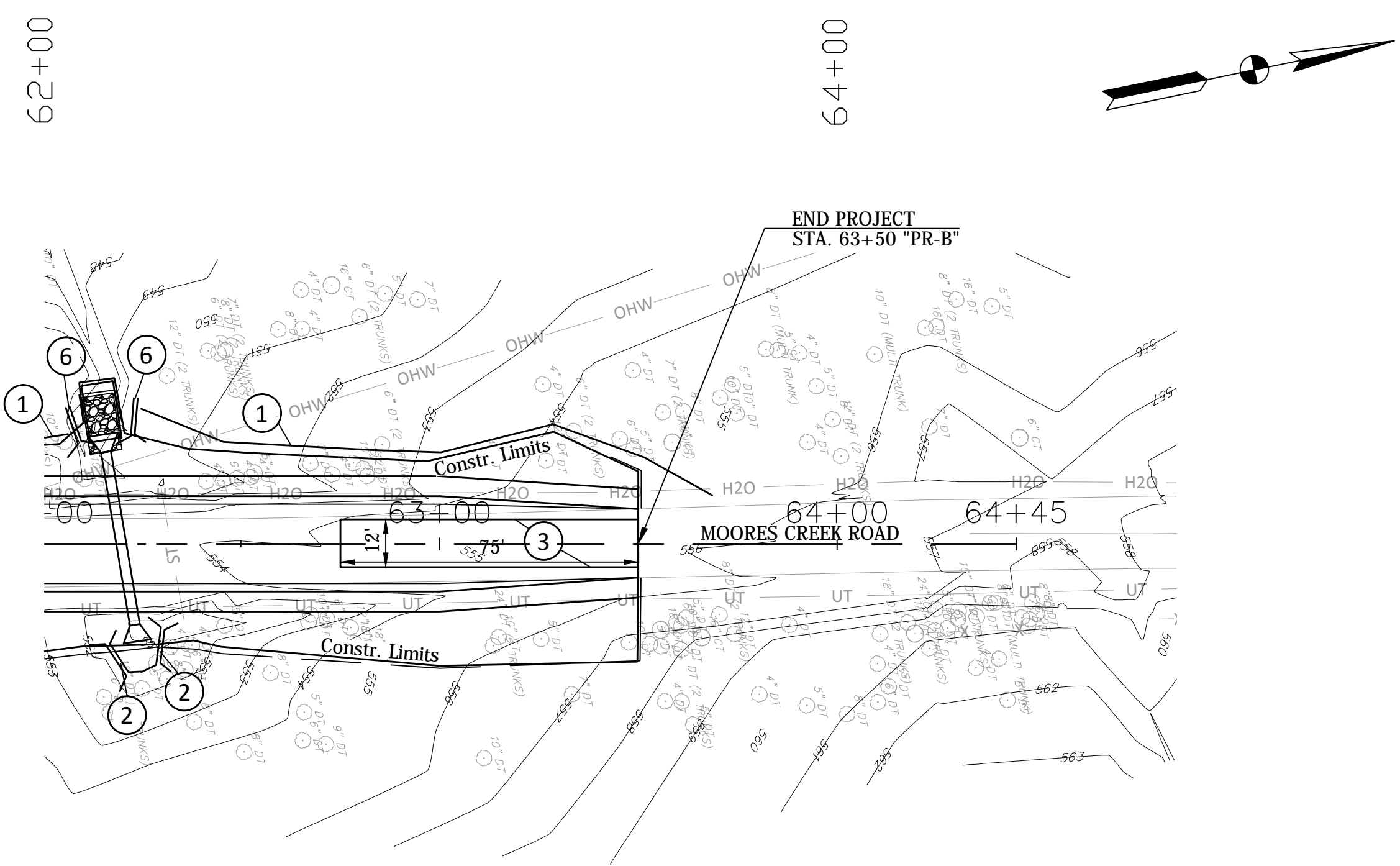
EROSION CONTROL DETAILS - MOORES CREEK ROAD
STA. 50+00 TO STA. 64+50 "PR-B"

SCALE 1"=30'	BRIDGE FILE N/A
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 21 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

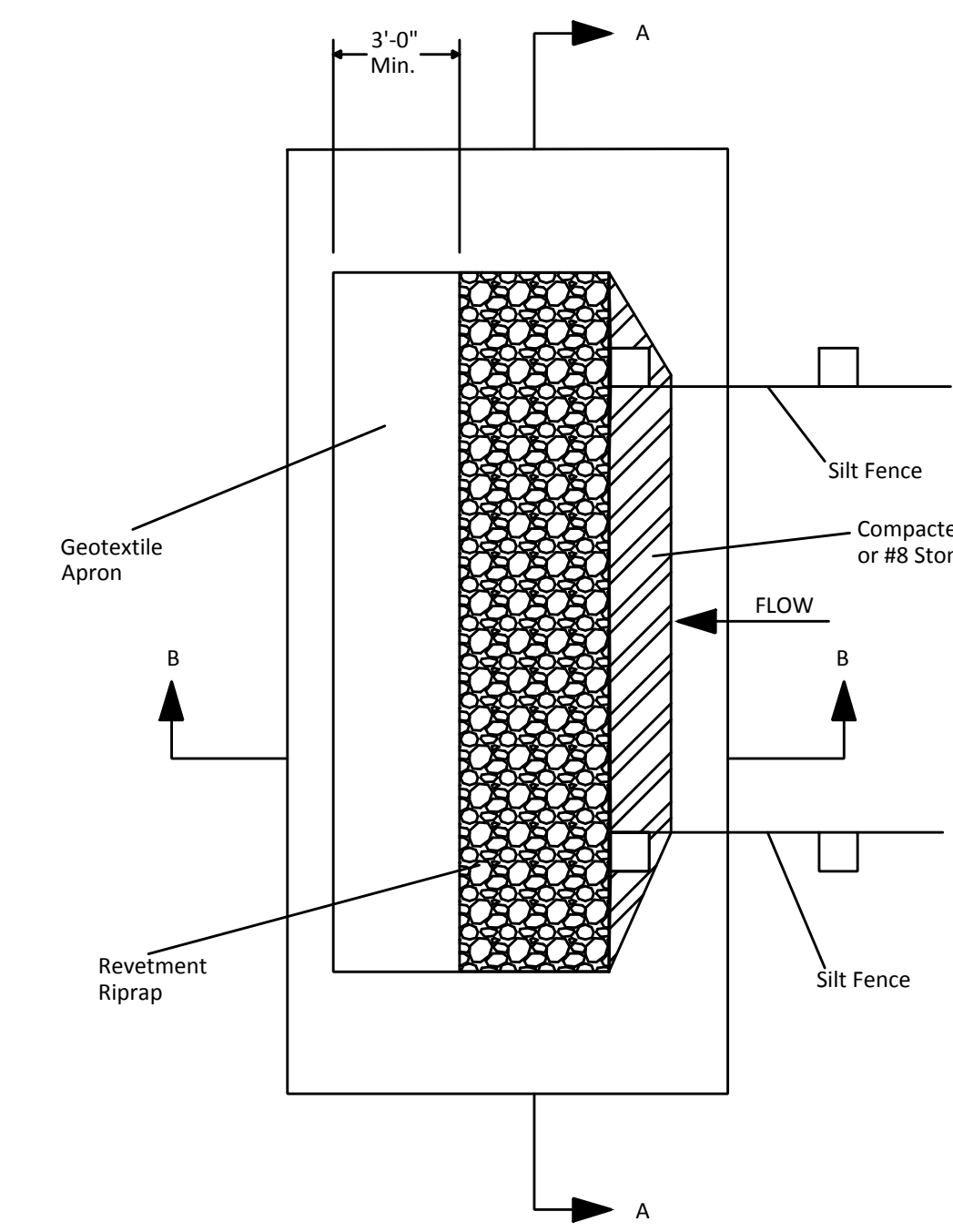
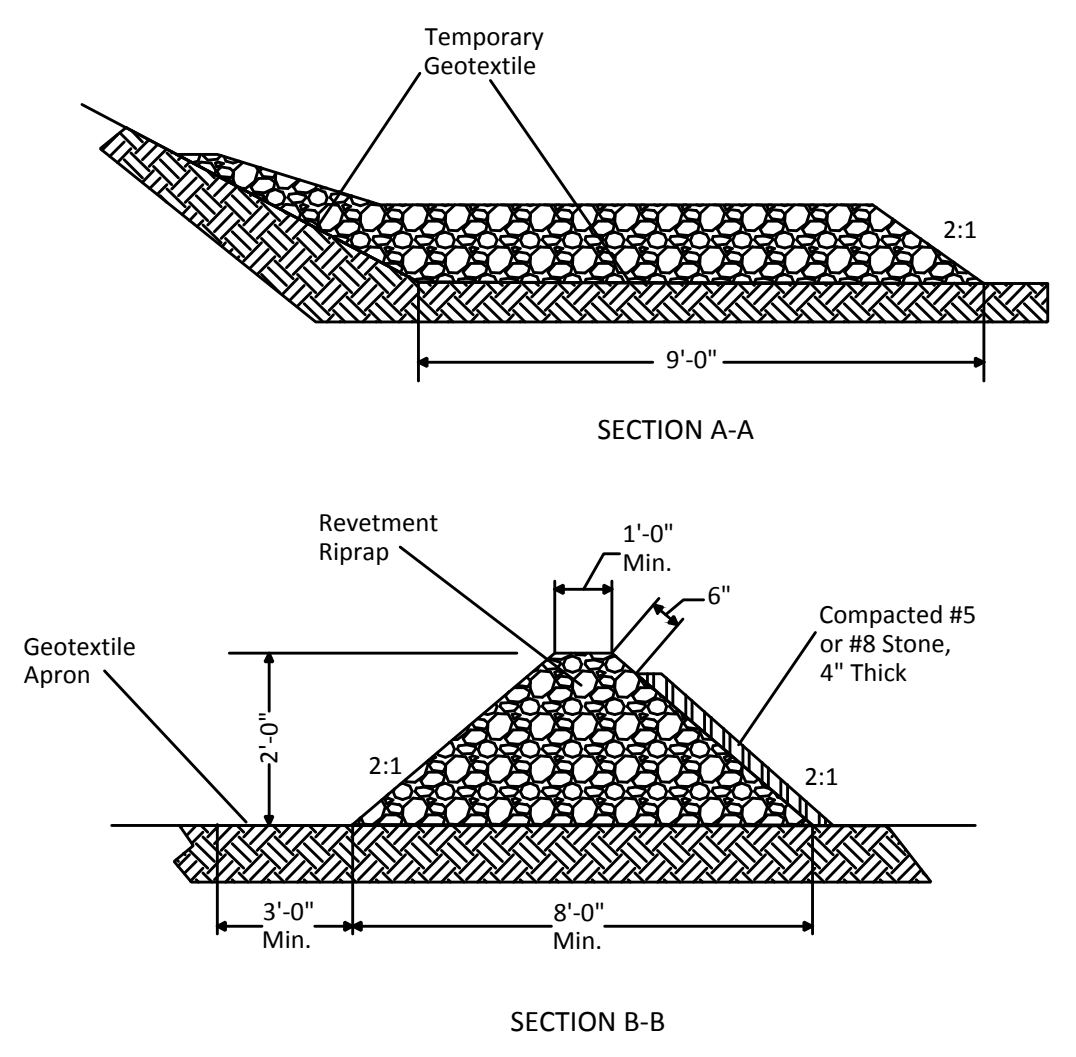


BEGIN PROJECT
STA. 50+57.20 "PR-B"

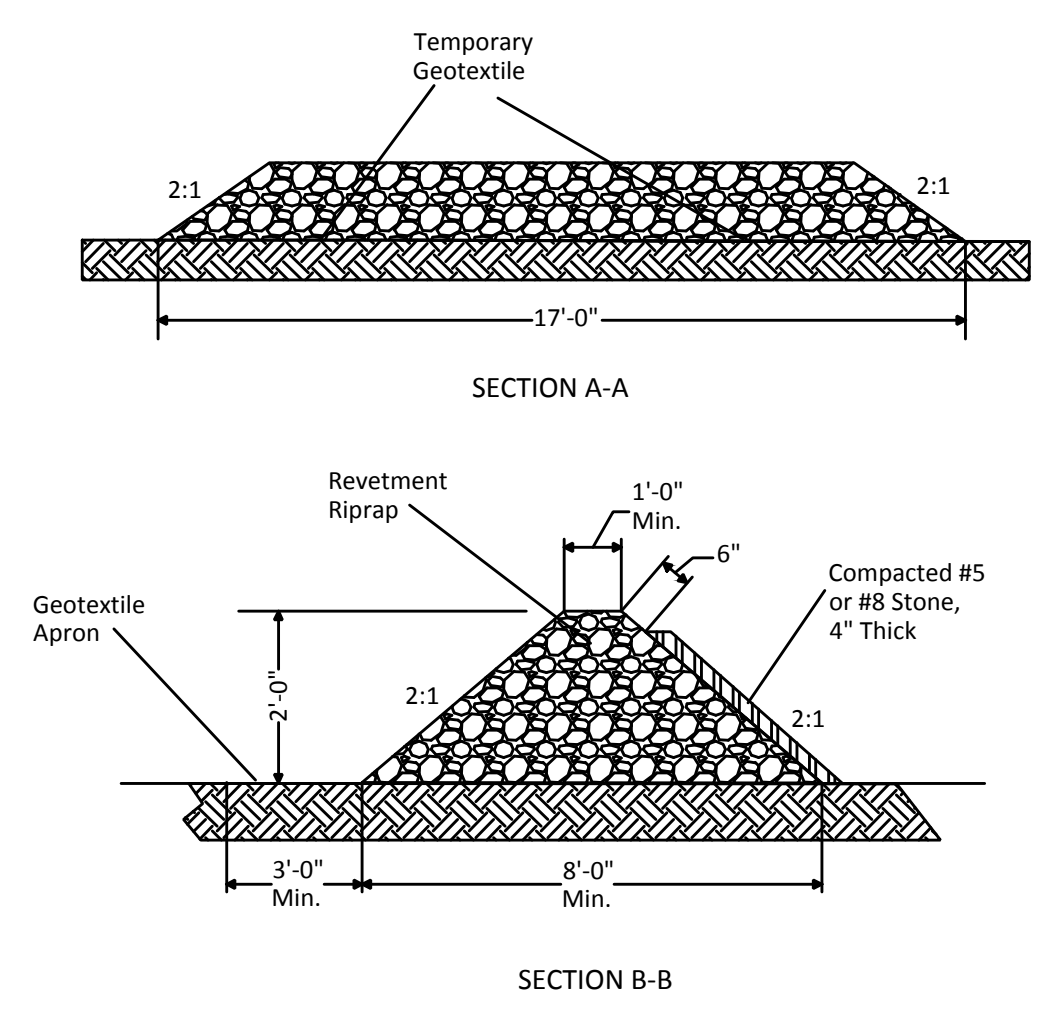




Temporary Filter Berm at Culvert Inlets
N.T.S.



Temporary Filter Berm at Silt Fence
N.T.S.



PLOTTED: Friday, February 15, 2019 9:17:19 AM

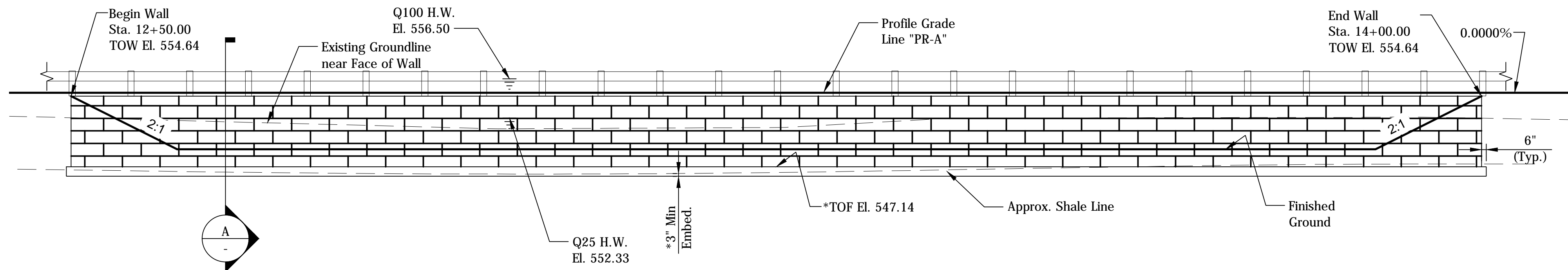
- ① Temporary Silt Fence (E 205-TECP-02)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-01)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECP-01)
- ④ Temporary Filter Sock (E 205-TECD-02)
- ⑤ Temporary Filter Berm at Silt Fence, Revetment Riprap (See Plan Details)
- ⑥ Temporary Filter Berm at Culvert Inlets, Revetment Riprap (See Plan Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

MONROE COUNTY, INDIANA

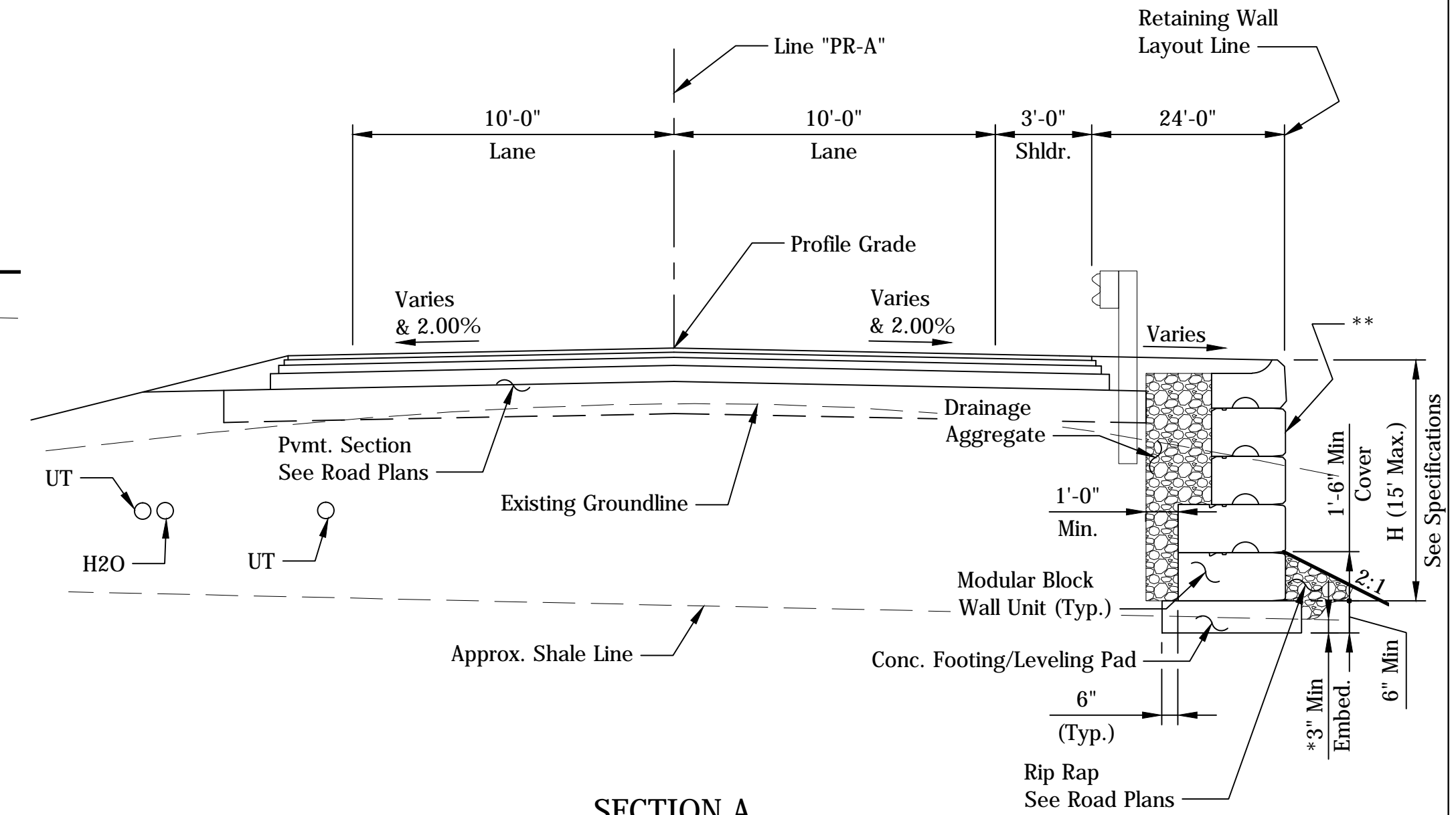
**EROSION CONTROL DETAILS - MOORES CREEK RD
STA. 62+00 TO STA. 64+50 "PR-B"**

SCALE 1"=30'	BRIDGE FILE N/A
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 22 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



ELEVATION
Scale: 1/8" = 1'-0"

- Notes:
- * Field adjust top of footing (TOF) elevation to achieve the specified minimum embedment. TOF elevation shown is provided for bidding purposes.
 - ** Provide batter when required by the wall manufacturer.
 - *** Provide ground reinforcement when required by the wall manufacturer.

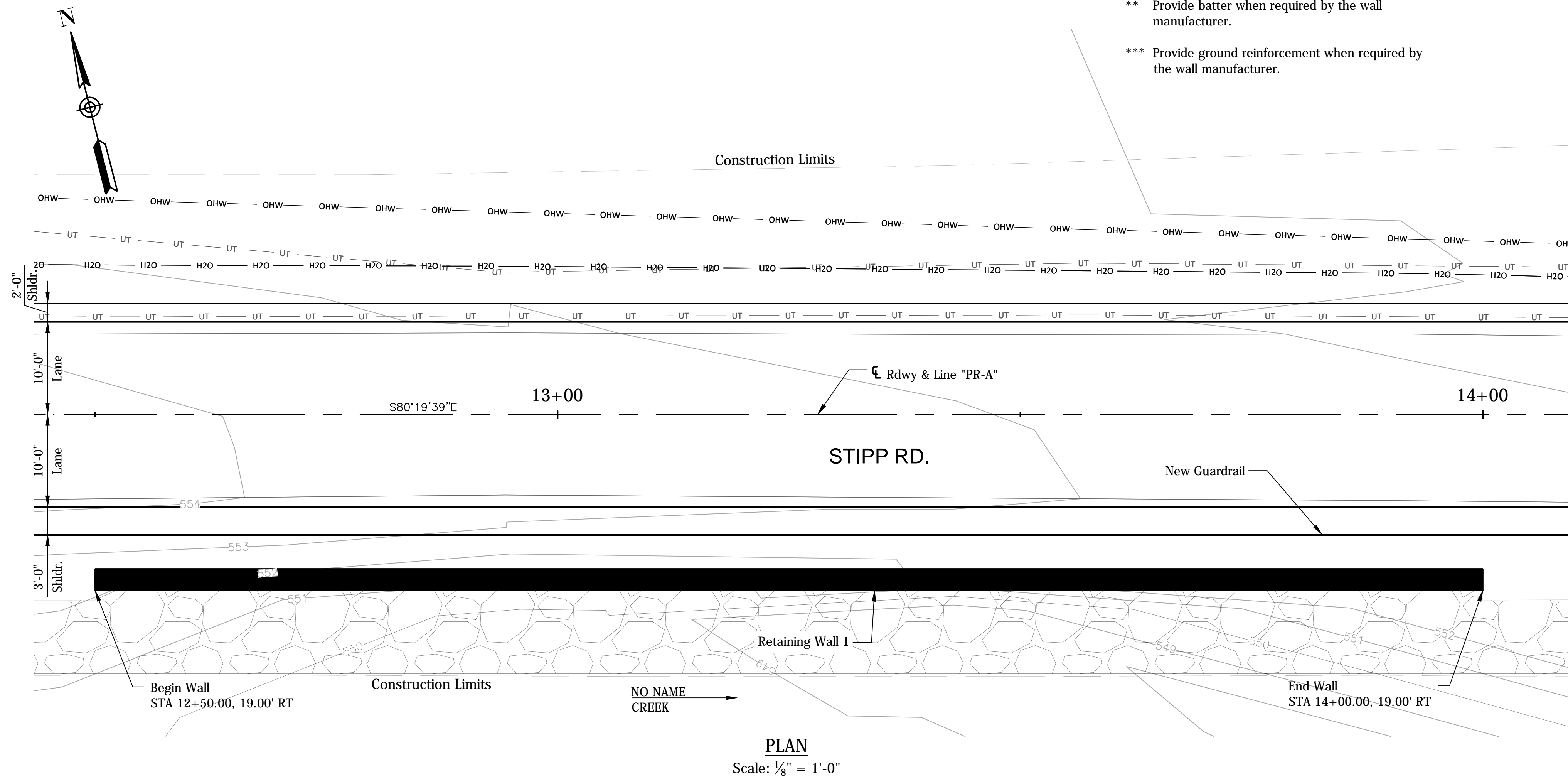


SECTION A
Scale: 1/4" = 1'-0"

GENERAL WALL NOTES:

UTILITIES
All Utilities shown in the Project Plans are provided for the Contractor's general information only. The locations are approximate. It shall be the Contractor's responsibility to determine and coordinate the actual location of utilities in the vicinity of wall construction. Existing Utility locations shown reflect the findings of the latest available mapping. Refer to relevant Design Plans for new utility information. In some locations, wall construction must be phased with utility construction. It shall be the Contractor's responsibility to identify and coordinate construction in these locations.

GEOTECHNICAL
For Soil Borings Logs and Geotechnical information refer to the Project Geotechnical and Foundation Report.



PLAN
Scale: 1/8" = 1'-0"

PLOTTED: Tuesday, February 12, 2019 12:24:43 PM

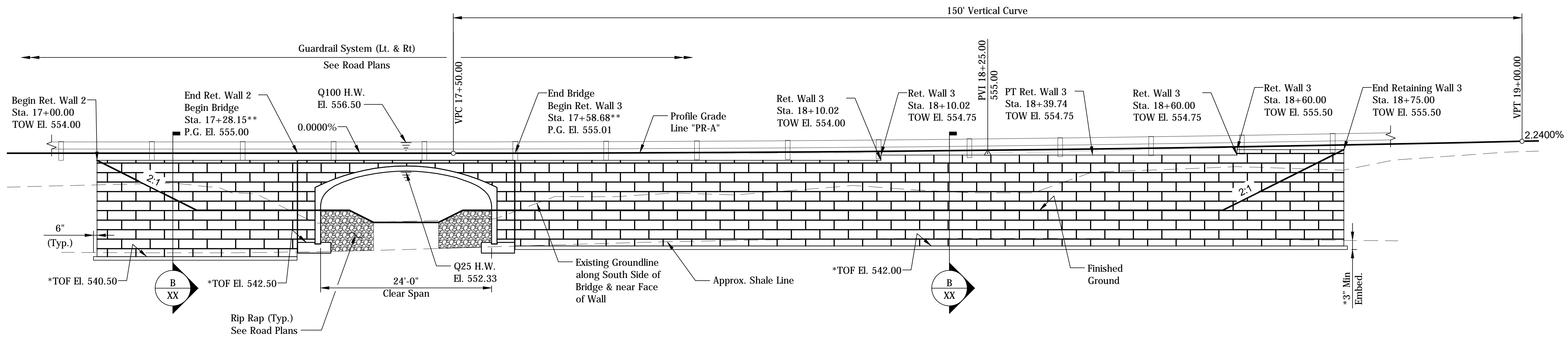
FILE: SHT_GP01.DWG

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

MONROE COUNTY, INDIANA

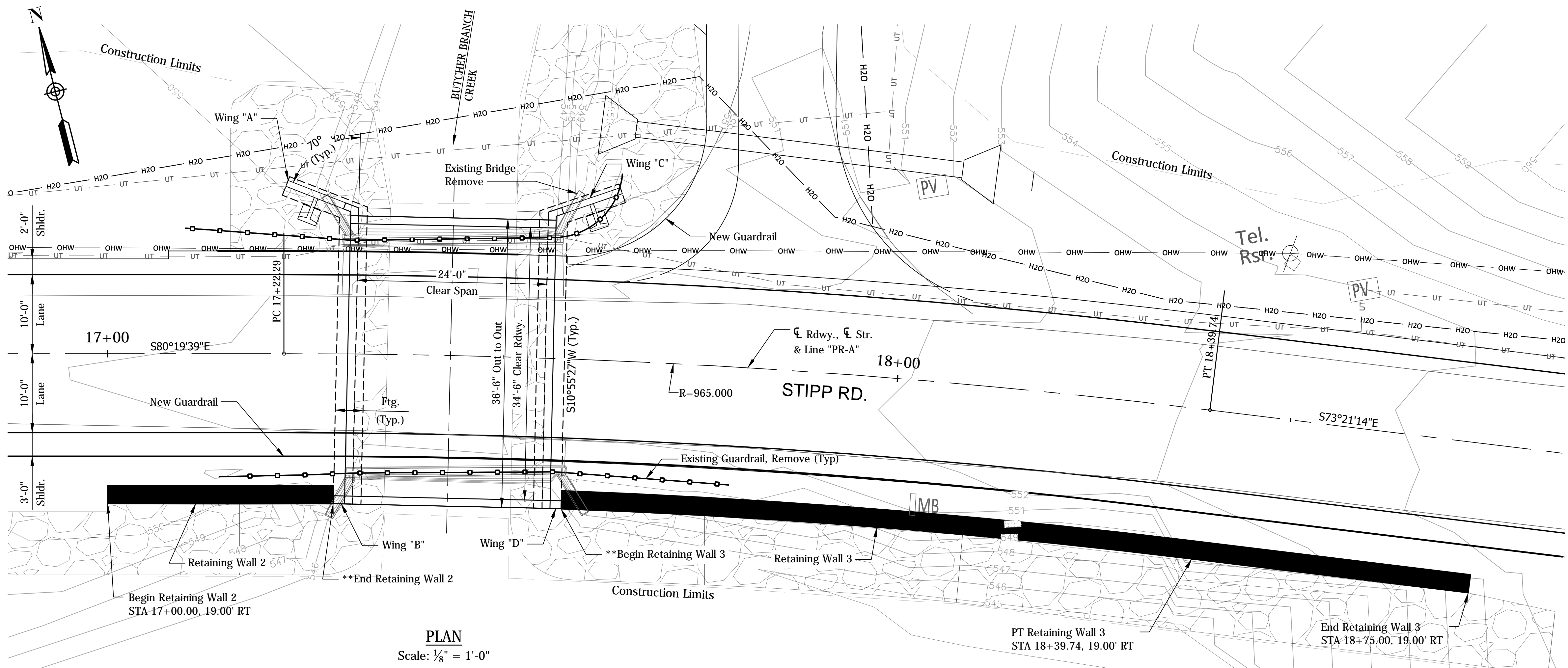
GENERAL PLAN
RETAINING WALL 1

SCALE	BRIDGE FILE
AS SHOWN	MONROE COUNTY BRIDGE 912
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	23 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



ELEVATION
Scale: 1/8" = 1'-0"

Notes:
 * Field adjust top of footing (TOF) elevation to achieve the specified minimum embedment. TOF elevation shown is provided for bidding purposes.
 ** Location is at edge of bridge footing and will be determined by the contractor.



PLAN
Scale: 1/8" = 1'-0"

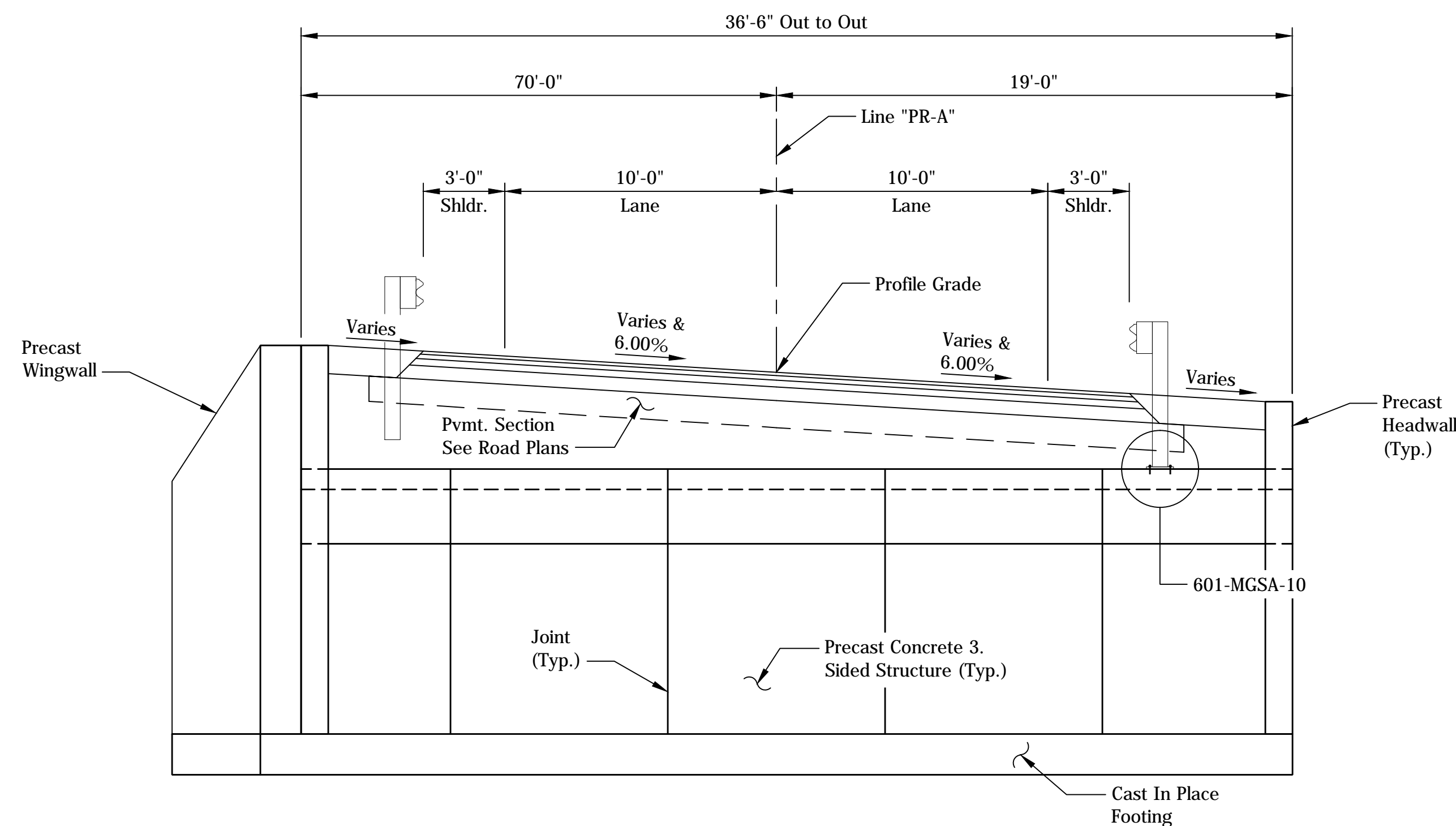
Notes:
 1. For Typical Section and Isometric Views, see Sheet No. XX.
 2. The contractor shall set the value for dimensions that are not shown. See special provisions.

GENERAL PLAN
 STIPP ROAD OVER BUTCHER BRANCH CREEK
 1 SPAN: 24'-0"
 33'-0" CLEAR ROADWAY SKEW: 0°
 PRECAST CONCRETE ARCH BRIDGE
 MONROE COUNTY

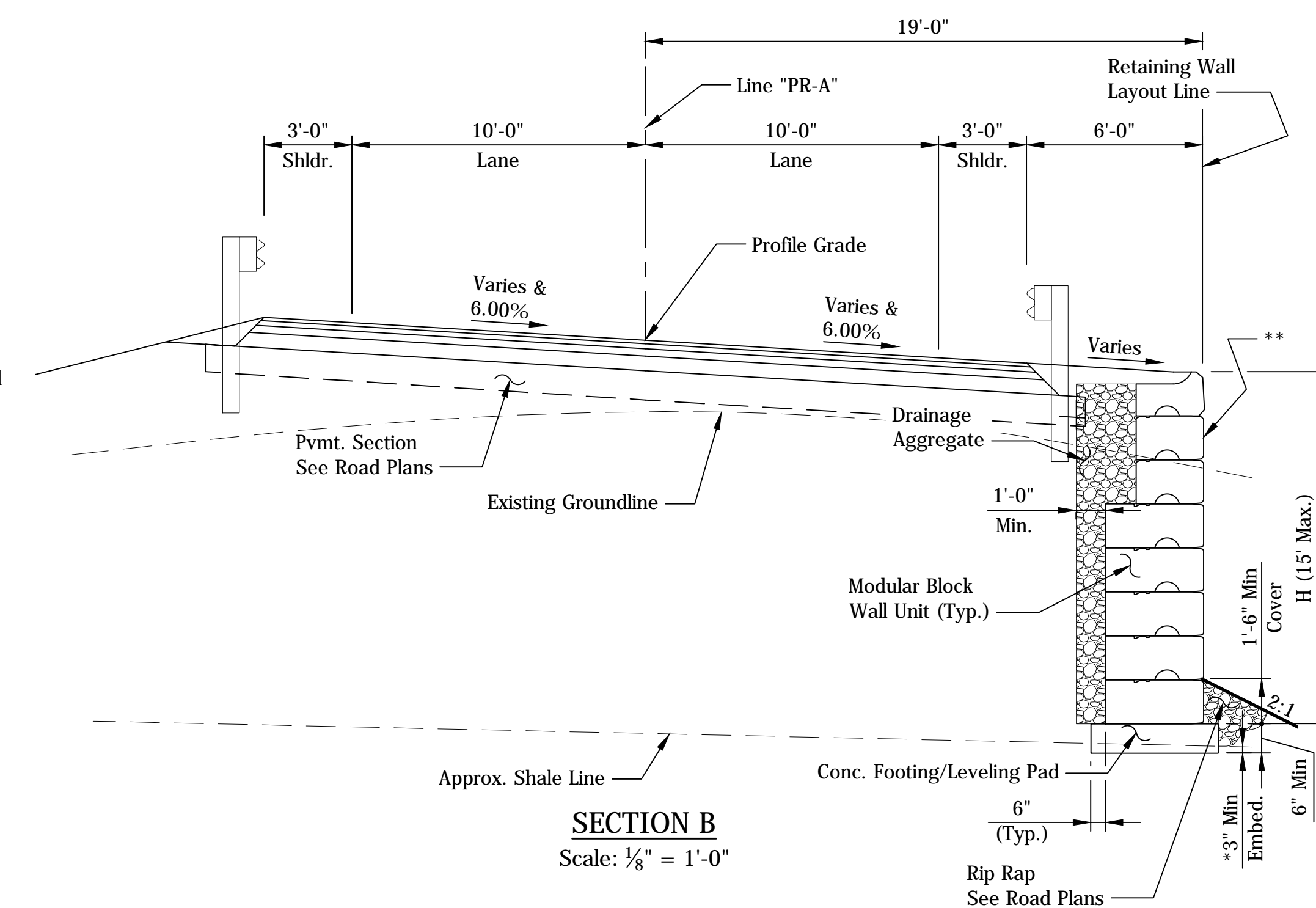
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMC	DRAWN: LS	
CHECKED: JAG	CHECKED: JAG	

MONROE COUNTY, INDIANA
GENERAL PLAN
 RETAINING WALLS 2 & 3,
 AND PRECAST CONCRETE ARCH BRIDGE

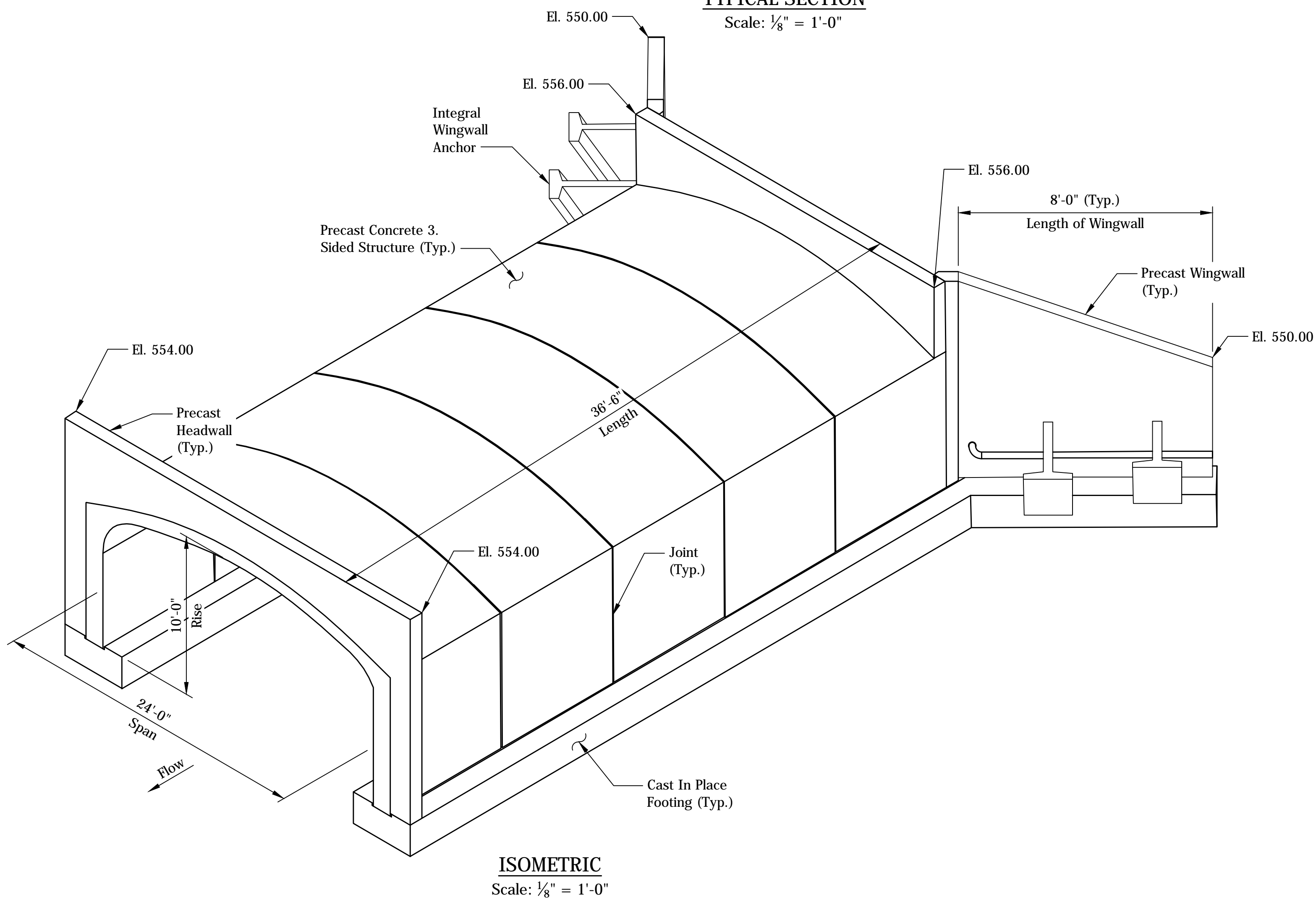
SCALE	BRIDGE FILE
AS SHOWN	MONROE COUNTY BRIDGE 912
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	24 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



TYPICAL SECTION
Scale: 1/8" = 1'-0"



SECTION B
Scale: 1/8" = 1'-0"



ISOMETRIC
Scale: 1/8" = 1'-0"

GENERAL NOTES

The tops, sides, and ends of the bridge floor surface, the bridge approach slabs, and the exposed portions of the end bents and wings are to be sealed in accordance with Article 702.21 of the Specifications. Estimated Quantity = 2259 Sft.

DESIGN DATA

LIVE LOAD
HL-93 loading in accordance with the 8th Edition AASHTO LRFD Bridge Design Specifications, and all subsequent Interims.

DEAD LOAD

Actual weight plus 35 psf (composite) for future pavement.

MATERIALS

CONCRETE
All concrete shall be Class A concrete with a minimum compressive strength of 5.0ksi, unless noted otherwise. Footing shall be Class B Concrete with a minimum compressive strength of 4.0ksi

REINFORCING STEEL

Grade 60 fy=60,000 psi

SEISMIC DATA

Seismic Zone 1
S1=0.063g
Site Class C

EXISTING STRUCTURE

The existing structure (5300129) is a single span prestressed box beam bridge built in 1981 with an 27.9' span and 29.9' clear roadway. Existing structure to be removed.

CONSTRUCTION SEQUENCE

1. Close road at bridge
2. Maintain driveway
3. Remove exist bridge
4. Construct new bridge and walls
5. Relocate UT
6. Construct road way
7. Open road

Notes:

- ** Provide batter when required by the wall manufacturer.
- *** Provide ground reinforcement when required by the wall manufacturer.

Notes:

1. For Plans & Elevation Views, see Sheet No. XX.
2. The contractor shall set the value for dimensions that are not shown. See special provisions.

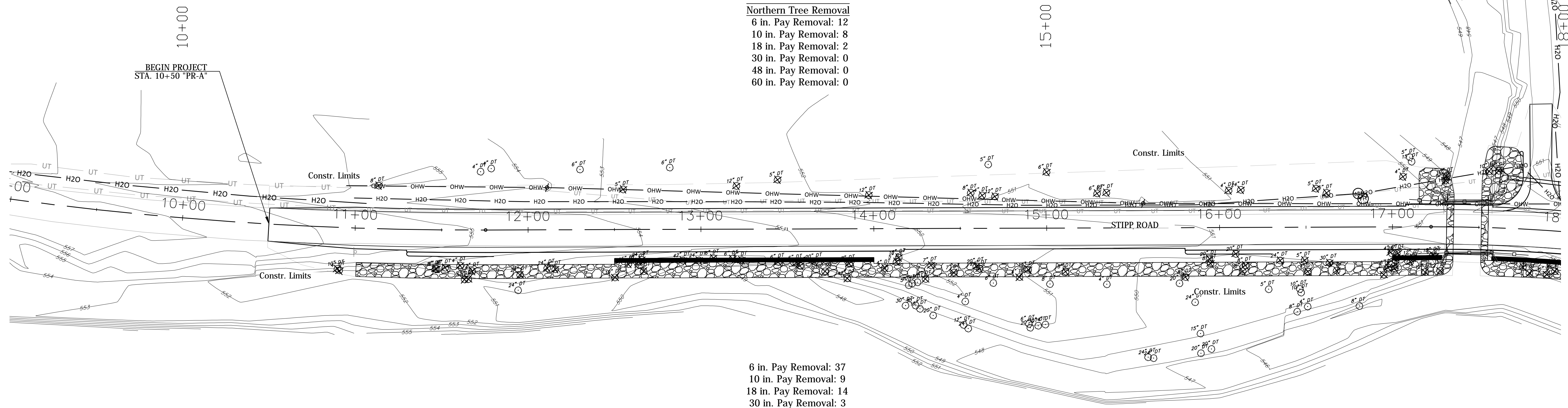
GENERAL PLAN

STIPP ROAD OVER BUTCHER BRANCH CREEK
1 SPAN: 24'-0"
33'-0" CLEAR ROADWAY SKEW: 0°
PRECAST CONCRETE ARCH BRIDGE
MONROE COUNTY

PLOTTED: Tuesday, February 12, 2019 12:27:52 PM

FILE: SHT_GP01.DWG

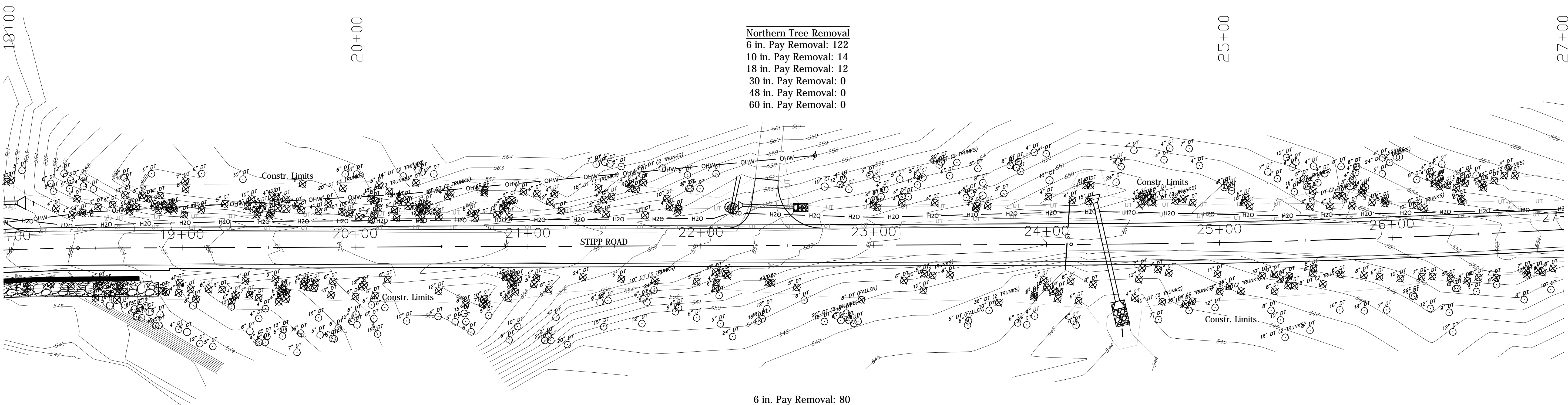
RECOMMENDED FOR APPROVAL _____		MONROE COUNTY, INDIANA		SCALE		BRIDGE FILE	
DESIGNED: JMC		DRAWN: LS		AS SHOWN		MONROE COUNTY BRIDGE 912	
CHECKED: JAG		CHECKED: JAG				DESIGNATION	
						N/A	
				SURVEY BOOK		SHEETS	
				N/A		25 of 69	
				CONTRACT		PROJECT	
				N/A		STIPP ROAD & MOORES CREEK ROAD	



Northern Tree Removal
 6 in. Pay Removal: 12
 10 in. Pay Removal: 8
 18 in. Pay Removal: 2
 30 in. Pay Removal: 0
 48 in. Pay Removal: 0
 60 in. Pay Removal: 0

6 in. Pay Removal: 37
 10 in. Pay Removal: 9
 18 in. Pay Removal: 14
 30 in. Pay Removal: 3
 48 in. Pay Removal: 2
 60 in. Pay Removal: 1

Southern Tree Removal



Northern Tree Removal
 6 in. Pay Removal: 122
 10 in. Pay Removal: 14
 18 in. Pay Removal: 12
 30 in. Pay Removal: 0
 48 in. Pay Removal: 0
 60 in. Pay Removal: 0

6 in. Pay Removal: 80
 10 in. Pay Removal: 26
 18 in. Pay Removal: 6
 30 in. Pay Removal: 3
 48 in. Pay Removal: 0
 60 in. Pay Removal: 0

Southern Tree Removal

FILE: REM_PL01.DWG
 PLOTTED: Tuesday, February 12, 2019 4:39:35 PM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

MONROE COUNTY, INDIANA

TREE REMOVAL PLAN - STIPP ROAD
 STA. 9+00 TO STA. 27+00 "PR-A"

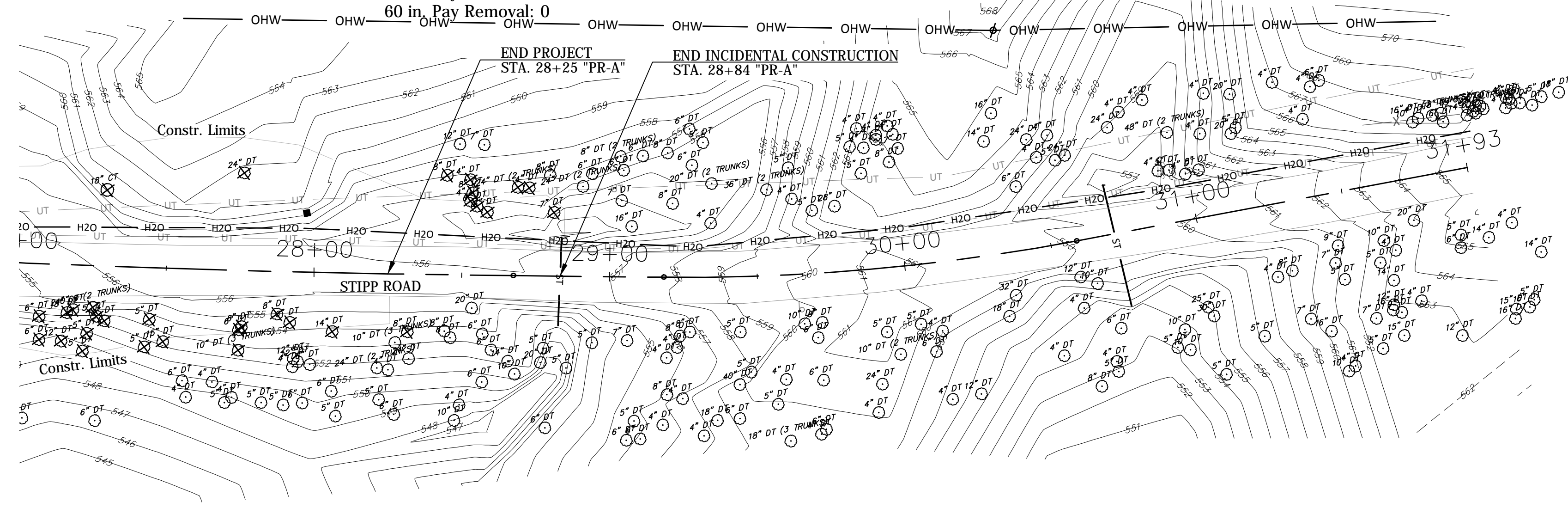
SCALE	BRIDGE FILE
1"=30'	Monroe Co. Br. 912
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	26 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

27+00

Northern Tree Removal

- 6 in. Pay Removal: 9
- 10 in. Pay Removal: 0
- 18 in. Pay Removal: 2
- 30 in. Pay Removal: 0
- 48 in. Pay Removal: 0
- 60 in. Pay Removal: 0

30+00



Southern Tree Removal

- 6 in. Pay Removal: 12
- 10 in. Pay Removal: 3
- 18 in. Pay Removal: 4
- 30 in. Pay Removal: 0
- 48 in. Pay Removal: 0
- 60 in. Pay Removal: 0

FILE: REM_PL02.DWG
PLOTTED: Tuesday, February 12, 2019 4:55:05 PM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

MONROE COUNTY, INDIANA

TREE REMOVAL PLAN - STIPP ROAD
STA. 27+00 TO STA. 32+00 "PR-A"

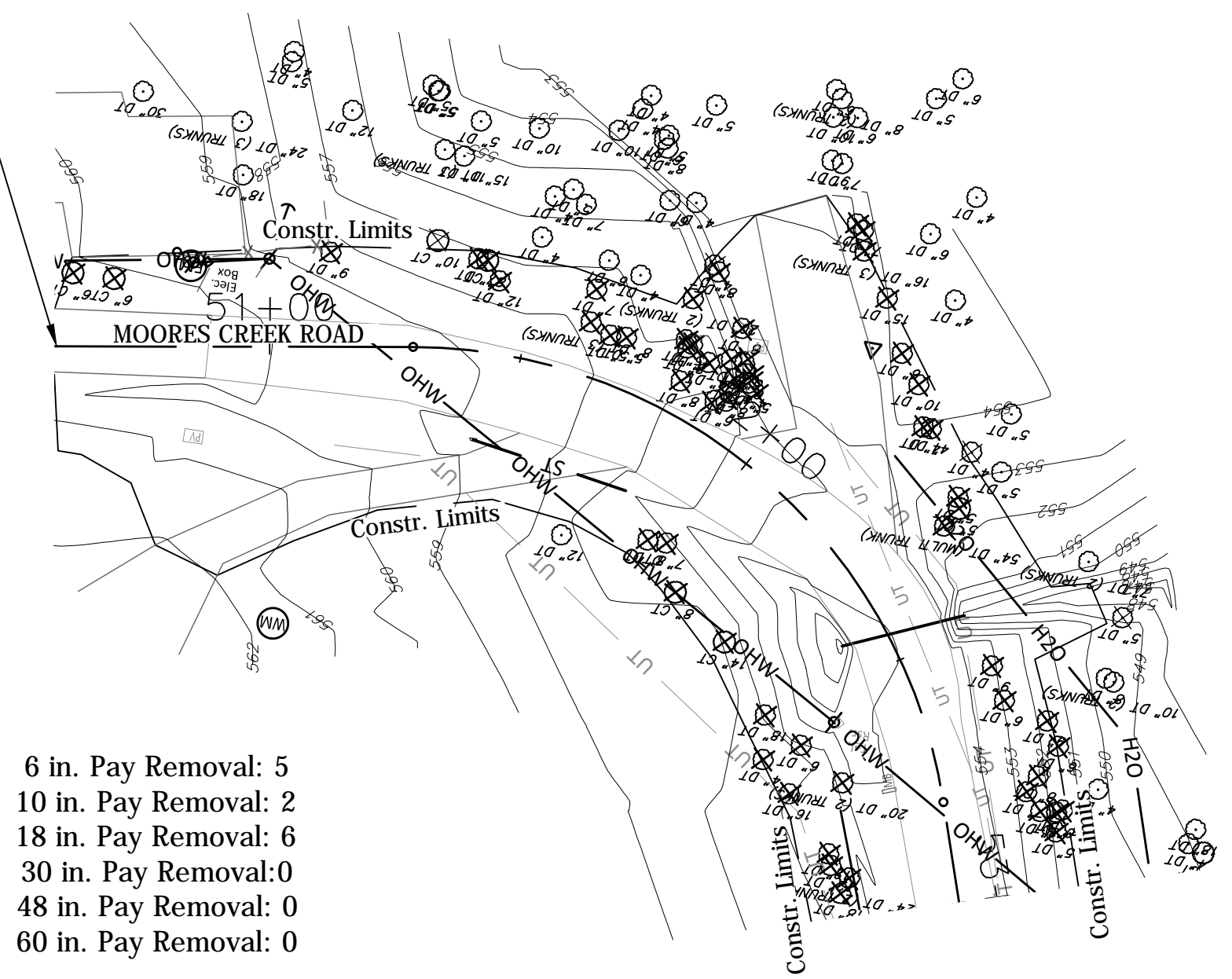
SCALE	BRIDGE FILE
1"=30'	Monroe Co. Br. 912
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	27 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

Northern Tree Removal

6 in. Pay Removal: 31
 10 in. Pay Removal: 5
 18 in. Pay Removal: 3
 30 in. Pay Removal: 0
 48 in. Pay Removal: 1
 60 in. Pay Removal: 0

50+00

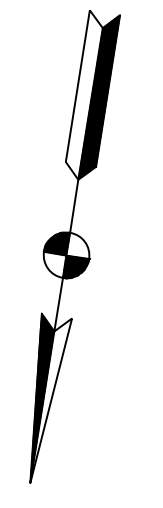
BEGIN PROJECT
 STA. 50+57.20 "PR-B"



6 in. Pay Removal: 5
 10 in. Pay Removal: 2
 18 in. Pay Removal: 6
 30 in. Pay Removal: 0
 48 in. Pay Removal: 0
 60 in. Pay Removal: 0

Southern Tree Removal

53+00

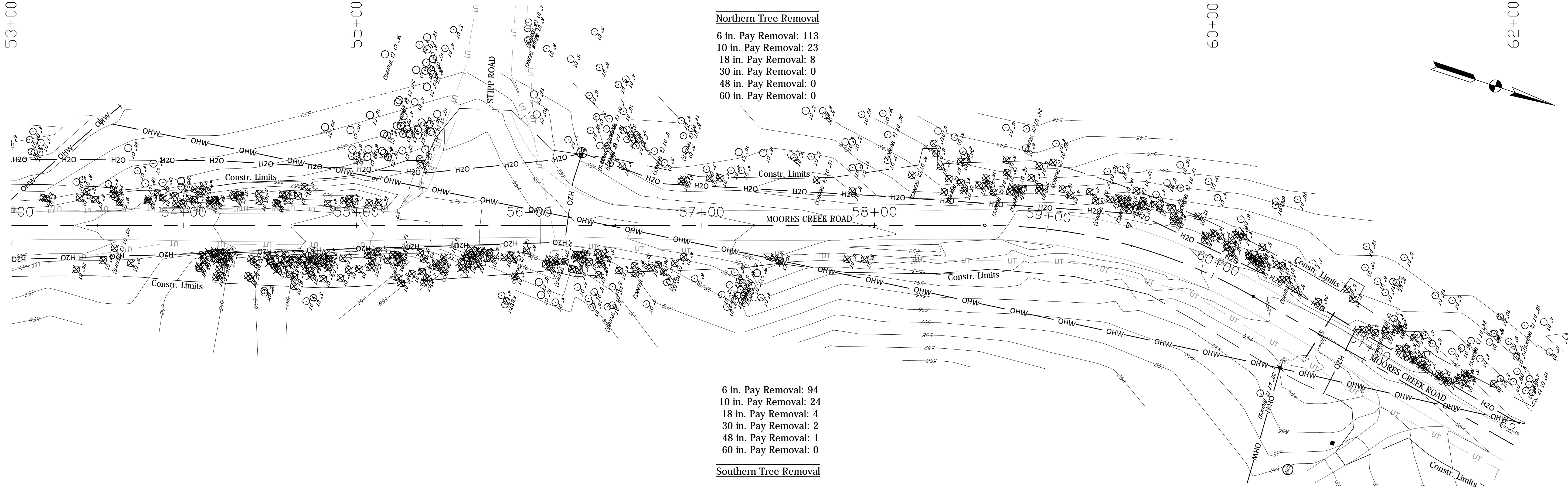


53+00

55+00

Northern Tree Removal

6 in. Pay Removal: 113
 10 in. Pay Removal: 23
 18 in. Pay Removal: 8
 30 in. Pay Removal: 0
 48 in. Pay Removal: 0
 60 in. Pay Removal: 0

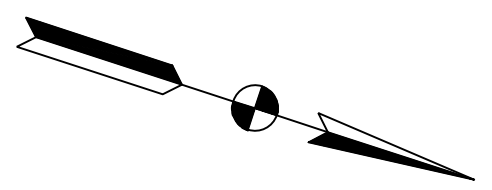


6 in. Pay Removal: 94
 10 in. Pay Removal: 24
 18 in. Pay Removal: 4
 30 in. Pay Removal: 2
 48 in. Pay Removal: 1
 60 in. Pay Removal: 0

Southern Tree Removal

60+00

62+00



PLOTTED: Friday, February 15, 2019 9:22:22 AM

FILE: REM_PL03.DWG

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: BSF	

MONROE COUNTY, INDIANA

TREE REMOVAL PLAN - MOORES CREEK ROAD
 STA. 50+00 TO STA. 64+50 "PR-B"

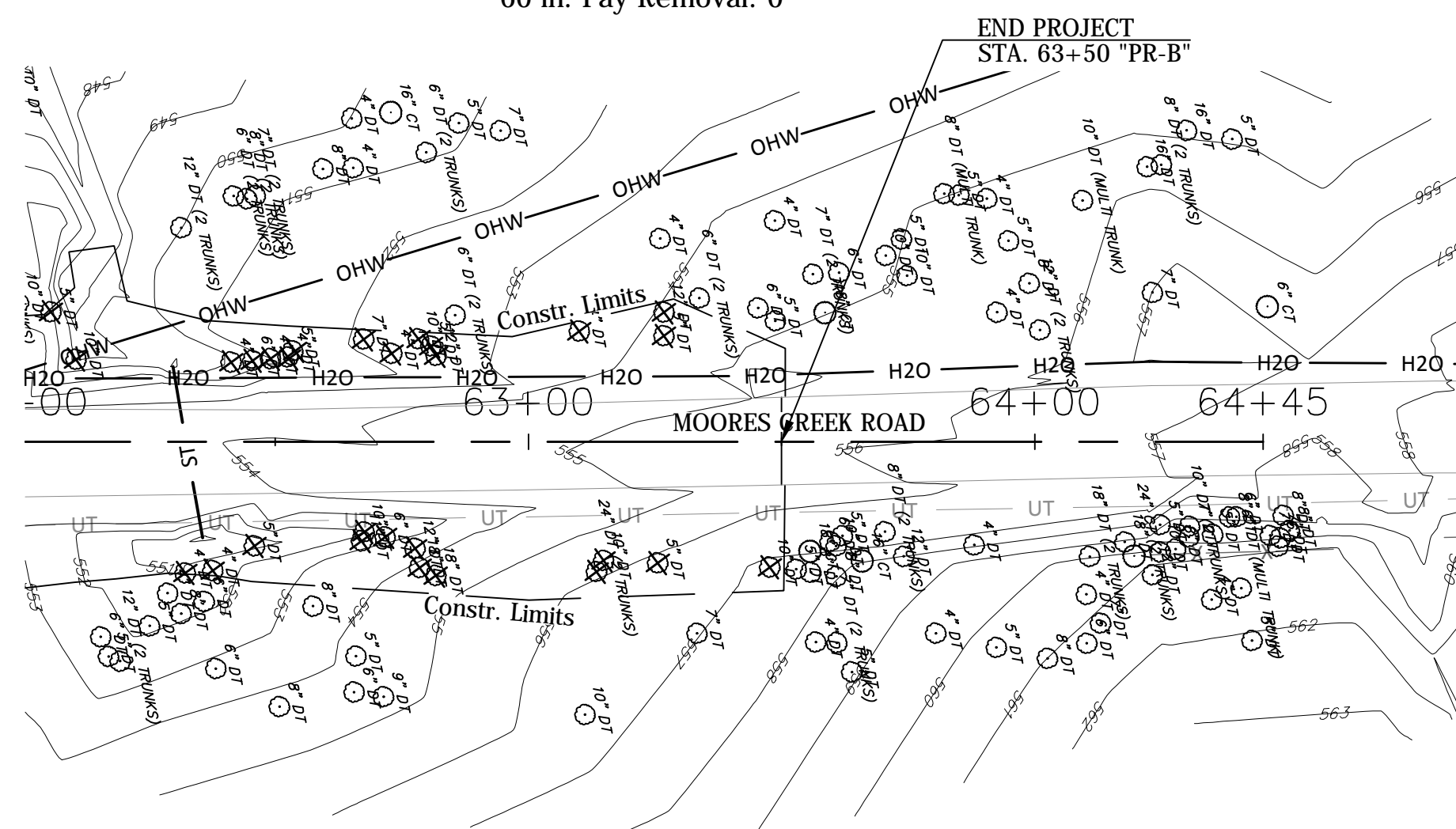
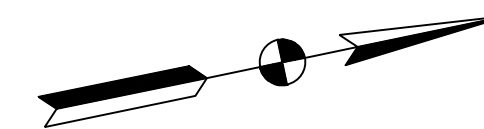
SCALE	BRIDGE FILE
1"=30'	N/A
	DESIGNATION
	N/A
SURVEY BOOK	SHEETS
N/A	28 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD

62+00

Northern Tree Removal

6 in. Pay Removal: 11
10 in. Pay Removal: 4
18 in. Pay Removal: 0
30 in. Pay Removal: 0
48 in. Pay Removal: 0
60 in. Pay Removal: 0

64+00



6 in. Pay Removal: 6
10 in. Pay Removal: 4
18 in. Pay Removal: 3
30 in. Pay Removal: 0
48 in. Pay Removal: 0
60 in. Pay Removal: 0

Southern Tree Removal

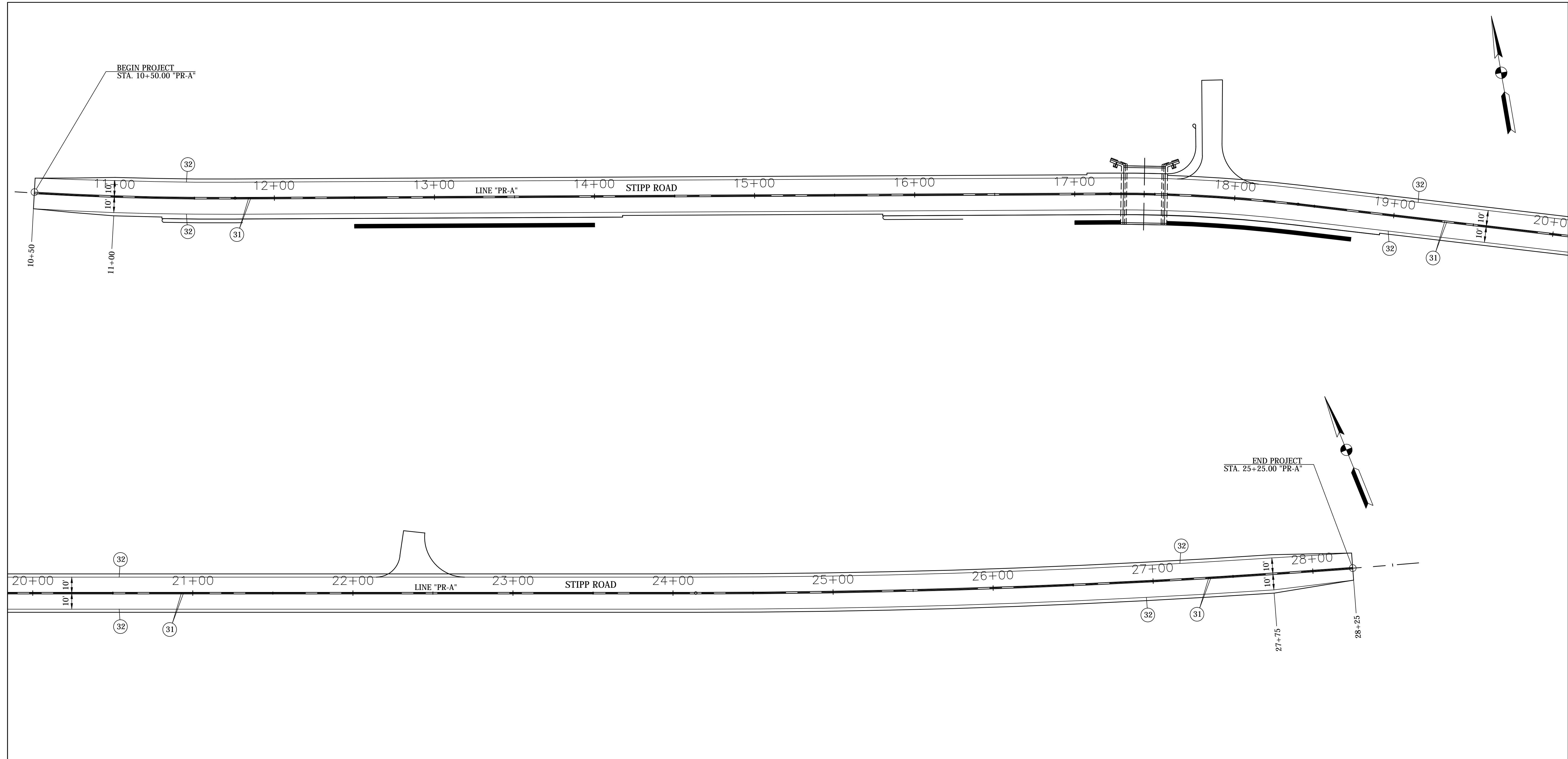
PLOTTED: Friday, February 15, 2019 9:26:33 AM

FILE: REM_PL04.DWG

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

MONROE COUNTY, INDIANA	
TREE REMOVAL PLAN - MOORES CREEK ROAD STA. 62+00 TO STA. 64+50 "PR-B"	

SCALE 1"=30'	BRIDGE FILE N/A
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 29 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



- LEGEND**
- ③① Line, Thermoplastic, Solid, Yellow, 4 in.
 - ③② Line, Thermoplastic, Solid, White, 4 in.

NOTE:
Edge lines shall have a 1 foot gap every 25 feet.

PLOTTED: Wednesday, February 13, 2019 3:28:22 PM

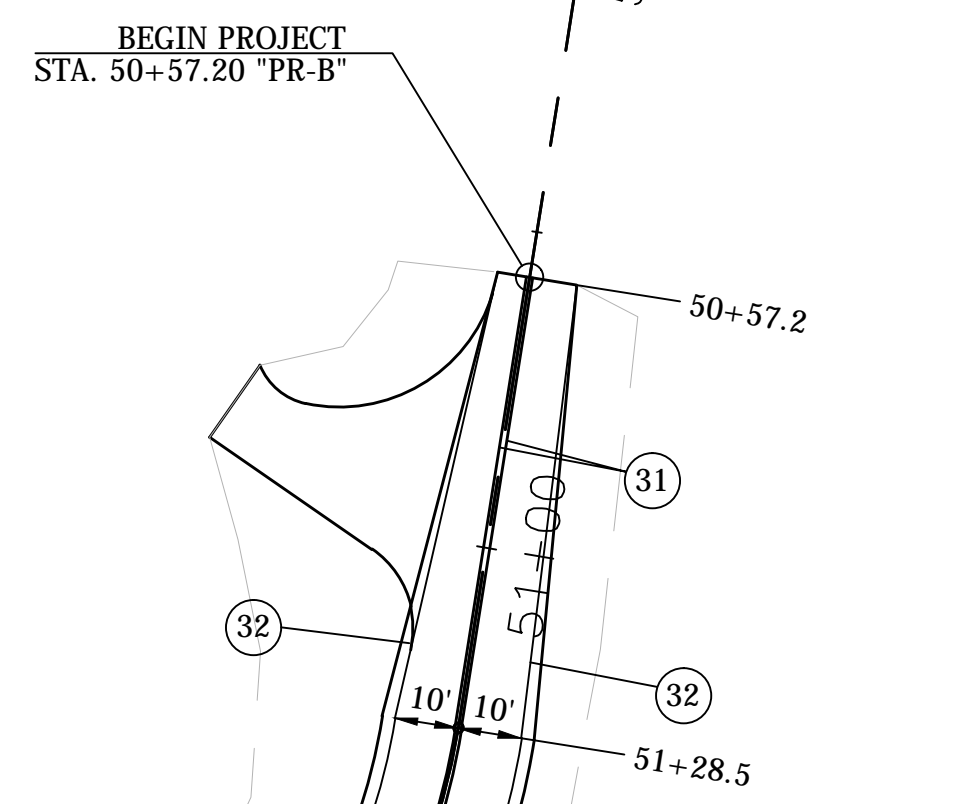
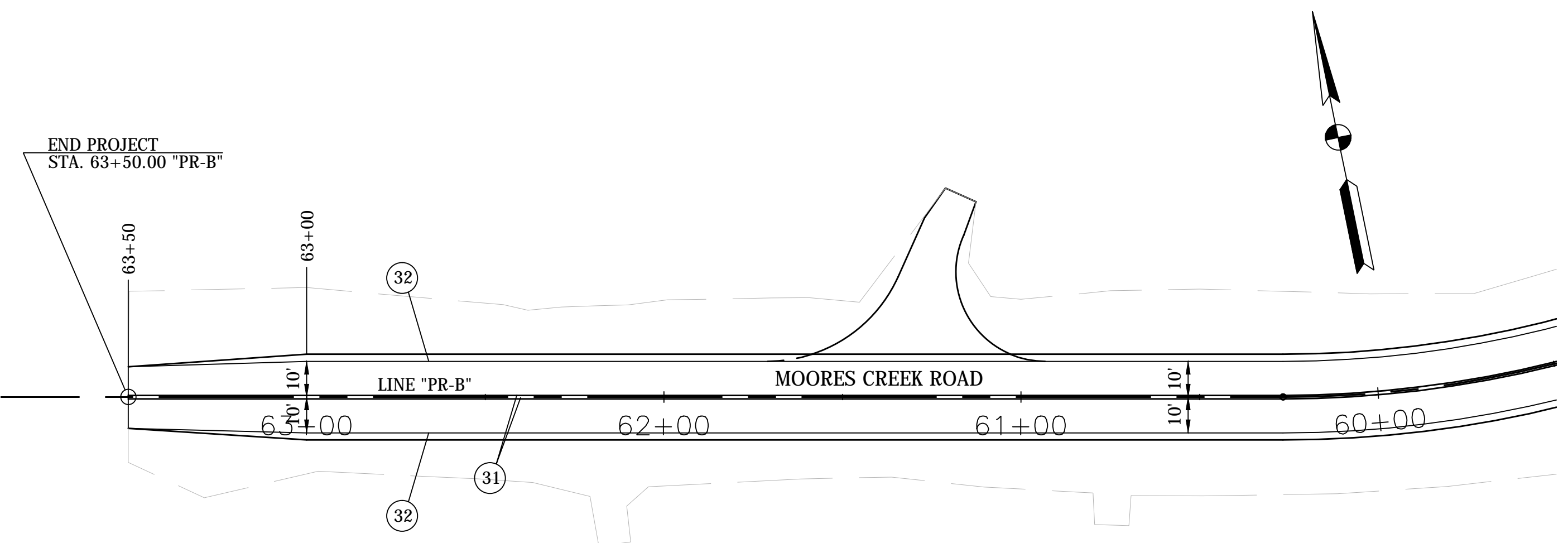
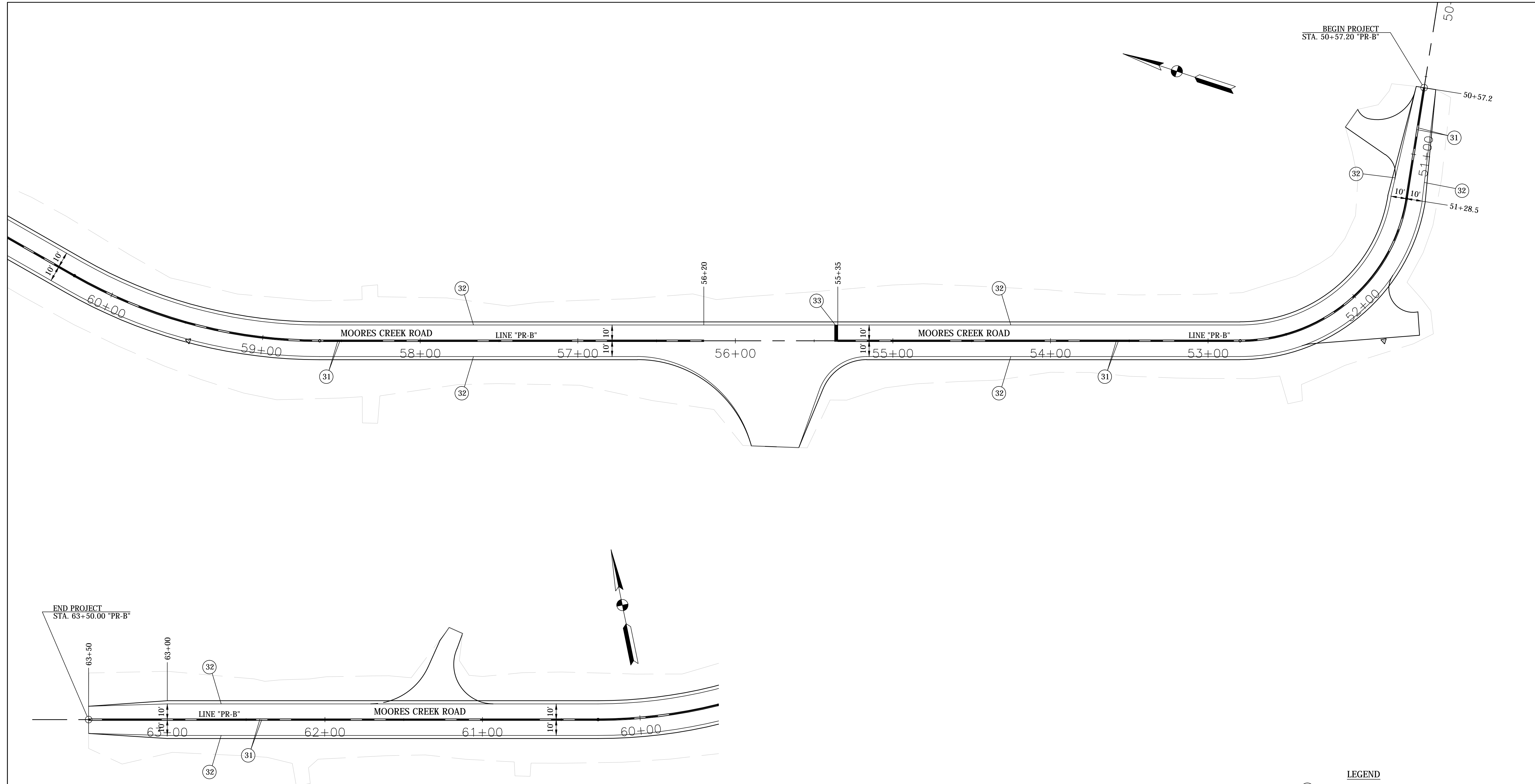
FILE: PVMT_MARKING_PLAN_STIPP.DWG

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ BSF _____	DRAWN: _____ PRD _____	
CHECKED: _____ LAR _____	CHECKED: _____ BSF _____	

MONROE COUNTY, INDIANA

PAVEMENT MARKING DETAILS
LINE "PR-A" - STIPP ROAD

SCALE 1"=30'	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 30 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



- LEGEND**
- ① Line, Thermoplastic, Solid, Yellow, 4 in.
 - ② Line, Thermoplastic, Solid, White, 4 in.
 - ③ Transverse Markings, Thermoplastic, Stop Bar, White, 24 in.

NOTE:
Edge lines shall have a 1 foot gap every 25 feet.

PLOTTED: Wednesday, February 13, 2019 3:33:24 PM

FILE: PVMT_MARKING_PLAN_MOORES.DWG

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ BSF _____	DRAWN: _____ PRD _____	
CHECKED: _____ LAR _____	CHECKED: _____ BSF _____	

MONROE COUNTY, INDIANA

**PAVEMENT MARKING DETAILS
LINE "PR-B" - MOORES CREEK ROAD**

SCALE 1"=30'	BRIDGE FILE N/A
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 31 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION LFT	PERIMETER CONSTRUCTION ENTRANCE TONS	GEOTEXTILE SYS	FILTER SOCK LFT	FILTER BERM, REVETMENT RIPRAP CYS	FILTER BERM, FILTER STONE CYS	DITCH CHECK, REVETMENT RIPRAP CYS	DITCH CHECK, FILTER STONE EACH	FISH POOL EACH	REMARKS
	LEFT	MEDIAN	RIGHT										
10+49 to 12+68			X	230.0									
10+50 to 11+25		X			67.0	100.0							
12+15	X					16.5				1.7	0.2		Check Dam
12+75			X			21.0		4.3	0.6				Filter Berm, SF
12+85 to 13+55			X	78.0									
13+60			X			21.0		4.3	0.6				Filter Berm, SF
13+75	X					16.5				1.7	0.2		Check Dam
13+75 to 17+25			X	350.0									
15+50	X					16.5				1.7	0.2		Check Dam
16+73 to 17+20	X			47.0									
17+30			X			21.0	20.0	4.3	0.6				Filter Berm, SF
17+30	X					16.5	24.0			1.7	0.2		Check Dam
17+55	X					16.5	28.0			1.7	0.2		Check Dam
17+60 to 17+70	X			47.0									
17+60			X			21.0	24.0	4.3	0.6				Filter Berm, SF
17+70 to 18+78			X	108.0									
18+10	X					16.5				1.7	0.2		Check Dam
18+35	X					16.5				1.7	0.2		Check Dam
18+78			X			16.5				1.7	0.2		Check Dam
19+50	X					16.5				1.7	0.2		Check Dam
19+75			X			16.5				1.7	0.2		Check Dam
21+25	X					16.5				1.7	0.2		Check Dam
21+75			X			16.5				1.7	0.2		Check Dam
21+76 to 24+26			X	250.0									
22+10	X					16.5				1.7	0.2		Check Dam
24+18	X					16.5				1.7	0.2		Check Dam

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION LFT	PERIMETER CONSTRUCTION ENTRANCE TONS	GEOTEXTILE SYS	FILTER SOCK LFT	FILTER BERM, REVETMENT RIPRAP CYS	FILTER BERM, FILTER STONE CYS	DITCH CHECK, REVETMENT RIPRAP CYS	DITCH CHECK, FILTER STONE EACH	FISH POOL EACH	REMARKS
	LEFT	MEDIAN	RIGHT										
24+30			X			18.3		3.2	0.4				Filter Berm, CI
24+35	X					16.5				1.7	0.2		Check Dam
24+50			X			18.3		3.2	0.4				Filter Berm, CI
24+50 to 28+42			X	392									
24+90	X					16.5				1.7	0.2		Check Dam
26+50	X					16.5				1.7	0.2		Check Dam
27+50 to 28+25			X		67.0	100.0							
28+75	X					16.5				1.7	0.2		
TOTAL:				1502.0	134.0	617.6	96.0	23.6	3.2	30.6	3.6	0.0	

PLOTTED: Friday, February 15, 2019 8:08:55 AM

FILE: EC_TBL_STIPP.DWG

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	MONROE COUNTY, INDIANA		SCALE N/A	BRIDGE FILE Monroe Co. Br. 912
	DESIGNED: _____ PRD	DRAWN: _____ PRD	SURVEY BOOK N/A	SHEETS 34 of 69
CHECKED: _____ BSF	CHECKED: _____ BSF	EROSION CONTROL QUANTITIES STIPP ROAD		CONTRACT PROJECT N/A STIPP ROAD & MOORES CREEK ROAD

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION	PERIMETER CONSTRUCTION ENTRANCE	GEOTEXTILE	FILTER SOCK	FILTER BERM, REVETMENT RIPRAP	FILTER BERM, FILTER STONE	DITCH CHECK, REVETMENT RIPRAP	DITCH CHECK, FILTER STONE	FISH POOL	REMARKS
	LEFT	MEDIAN	RIGHT										
				LFT	TONS	SYS	LFT	CYS	CYS	CYS	EACH	EACH	
50+60			X			16.5				1.7	0.2		Check Dam
51+10 to 52+45	X			186.0									
52+45	X					18.3		3.2	0.4				Filter Berm, CI
52+50			X			16.5				1.7	0.2		Check Dam
52+60	X					18.3		3.2	0.4				Filter Berm, CI
52+62 to 55+55	X			319.0									
52+70			X			16.5				1.7	0.2		Check Dam
54+00			X			16.5				1.7	0.2		Check Dam
55+55 to 55+90	X				47.0	71.0							
55+90 to 58+20	X			240.0									
57+00			X			16.5				1.7	0.2		Check Dam
58+25	X					18.3		3.2	0.4				Filter Berm, CI
58+25			X			16.5				1.7	0.2		Check Dam
58+40			X			16.5				1.7	0.2		Check Dam
58+40	X					18.3		3.2	0.4				Filter Berm, CI
58+40 to 60+70	X			230.0									
60+65			X			16.5				1.7	0.2		Check Dam
60+70	X					18.3		3.2	0.4				Filter Berm, CI
60+83			X			16.5				1.7	0.2		Check Dam
60+88	X					18.3		3.2	0.4				Filter Berm, CI
60+88 to 62+10	X			122.0									
62+10	X					18.3		3.2	0.4				Filter Berm, CI
62+15			X			16.5				1.7	0.2		Check Dam
62+25	X					18.3		3.2	0.4				Filter Berm, CI
62+25 to 63+70	X			150.0									
62+30			X			16.5				1.7	0.2		Check Dam

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION	PERIMETER CONSTRUCTION ENTRANCE	GEOTEXTILE	FILTER SOCK	FILTER BERM, REVETMENT RIPRAP	FILTER BERM, FILTER STONE	DITCH CHECK, REVETMENT RIPRAP	DITCH CHECK, FILTER STONE	FISH POOL	REMARKS
	LEFT	MEDIAN	RIGHT										
				LFT	TONS	SYS	LFT	CYS	CYS	CYS	EACH	EACH	
62+65 to 63+50		X			67	100.0							
TOTAL:				1247.0	114.0	498.9	0.0	25.6	3.2	18.7	2.2	0.0	

PLOTTED: Friday, February 15, 2019 8:03:50 AM

FILE: EC_TBL_MOORES.DWG

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	MONROE COUNTY, INDIANA	SCALE N/A	BRIDGE FILE N/A
DESIGNED: _____ PRD	DRAWN: _____ PRD				DESIGNATION N/A
CHECKED: _____ BSF	CHECKED: _____ BSF		EROSION CONTROL QUANTITIES MOORES CREEK ROAD	SURVEY BOOK N/A	SHEETS 35 of 69
				CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

STRUCTURE DATA

* If contractor elects to use metal pipe, thicknesses shown below are to be used.

STRUCTURE NUMBER	LOCATION						DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS.	SITE DESIGNATION	pH	STRUCTURE BACKFILL		BACKFILL METHOD FLOWABLE BACKFILL CYS	TYPE	GEOTEXTILES SYS	REVTMENT RIPRAP TON	CLASS I RIPRAP TON	CLASS II RIPRAP TON	CONCRETE, CLASS A, FOR STR. CYS	CONCRETE PIPE ANCHOR EA.	VIDEO INSPECTION LFT	GRATED BOX END SECTION		PIPE END SECTION	CONNECT TO STR.	REMARKS							
	STATION	LEFT	RIGHT	MEDIAN	CROSS	OFFSET				SIZE FT INCHES	PIPE TYPE	COVER LFT				UP STREAM ELEV.	DOWN STREAM ELEV.										TYPE	CYS				TYPE	EA.	15"	18"	24"	30"	36"
Stipp Road																																						
11	17+86	X						15	3		Pipe	42		3.1	550.42	548.18	75	NA	6.5	1	26.72	1												Sump Pipe 0.25 ft				
12	22+39	X						15	3		Pipe	30		1.1	553.13	552.84	75	NA	6.5	1	10.84	1			6.5	0.2									Sump Pipe 0.25 ft			
13	24+34			X				30	1		Pipe	58	12	2.6	548.18	544.32	75	NA	6.5	1	96.64	1			26.1							1.4				Sump Pipe 0.25 ft		
Moore's Creek Road																																						
14	50+92	X						18	3		Pipe	39		1.6	557.61	556.37	75	NA	6.5	1	34.03	1			8.7	0.3									Sump Pipe 0.25 ft			
15	52+56			X				24	1		Pipe	46		2.3	551.60	548.83	75	NA	6.5	1	47.14	1			16.2							0.7				Sump Pipe 0.25 ft		
16	58+32			X				24	1		Pipe	50		2.3	550.29	546.66	75	NA	6.5	1	56.85	1			18.7							0.9				Sump Pipe 0.25 ft		
17	60+75			X				30	1		Pipe	42		2.3	550.12	549.87	75	NA	6.5	1	57.05	1			20	0.7										Sump Pipe 0.25 ft		
18	62+20			X				30	1		Pipe	44		1.8	550.13	548.65	75	NA	6.5	1	50.28	1			23.1							1				Sump Pipe 0.25 ft		

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: _____ TMM		DRAWN: _____ JRF			
CHECKED: _____ TAB		CHECKED: _____ TMM			

MONROE COUNTY, INDIANA	
STRUCTURE DATA TABLE	

SCALE N/A	BRIDGE FILE Monroe Co. Br. 912
	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 36 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD

		11	12	13	14	15	16	17	18	
INT. DES.	STRUCTURE NUMBER									
	PIPE TYPE / SHAPE (CIR or DEF)	III/CIR	III/CIR	I/CIR	III/CIR	I/CIR	I/CIR	I/CIR	I/CIR	
	SMOOTH PIPE SIZE	15	15	30	18	24	24	30	30	
	CORRUGATED PIPE SIZE	15	15	30	18	24	24	30	30	
	SEMI-SMOOTH PIPE SIZE	15	15	30	18	24	24	30	30	
CONC.	CLASS	II	II	II	II	II	II	II	II	
	D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	X		X	X	X	X	X	X	
	CORRUGATED PE PIPE, TYPE S (S)*	X		X		X	X	X		
	PROFILE WALL (RIBBED) PE PIPE (S)*					X	X	X		
	PROFILE WALL (CLOSED) PE PIPE (S)*					X	X			
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	X/26		X/26		X/26	X/26	X/26		
	CORRUGATED PP PIPE (S)	X		X		X	X	X		
	PROFILE WALL PVC PIPE (S)	X		X		X	X	X		
	SMOOTH WALL PVC PIPE (S)*	X		X		X	X			
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	X		X		X	X	X	X	
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)									
	ZINC COATED (C)			2 2/3" x 1/2"				2 2/3" x 1/2"		
	ZINC COATED W/ BPI (C)			0.138"				0.138"	2 2/3" x 1/2"	
	ALUM. COATED TYPE 2 (C)			0.138"				0.138"	0.138"	
	POLYMER PRECOATED GALVANIZED (C)	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	0.06"	0.06"	0.109"	0.109"	0.109"	0.109"	0.109"	0.109"	
	CORRUGATED ALUM. ALLOY (C)	2 2/3" x 1/2"	2 2/3" x 1/2"	3" x 1"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	2 2/3" x 1/2"	
	CORRUGATED ALUM. ALLOY W/ BPI (C)	0.06"	0.06"	0.06"	0.06"	0.06"	0.06"	0.06"	0.06"	
	SPRAL RIB STEEL PIPE	ZINC COATED (SS)								
		ZINC COATED W/ BPI (SS)								
ALUM. COATED TYPE 2 (SS)										
POLYMER PRECOATED GALVANIZED (SS)		3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	3/4" x 3/4" x 7 1/2"	
		0.109"	0.109"	0.109"	0.109"	0.109"	0.109"	0.109"	0.109"	
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)									
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)									
	STR. PLATE STEEL (C)									
	STR. PLATE STEEL W/ CFP (C)									

LEGEND

- PIPE MATERIAL**
RCP Reinforced Concrete Pipe
RCHEP Reinforced Concrete Horizontal Elliptical Pipe
PE Polyethylene
DR Dimension Ratio
PVC Polyvinyl Chloride
PP Polypropylene
CORR Corrugation
ALUM Aluminum
STR Structural
(LS) Lock Seam Pipe Required
- PIPE PROTECTION**
BPI Bituminous Paved Invert
CFP Concrete Field Paving
BIT Bituminous
- SHAPE**
CIR Circular Pipe
DEF Deformed Pipe
- INTERIOR DESIGNATION**
(S) Smooth Pipe Material
(C) Corrugated Pipe Material
(SS) Semi-Smooth Pipe Material
- PIPE SIZE**
Circular pipe is shown as diameter in inches
Deformed pipe is shown as area in square feet

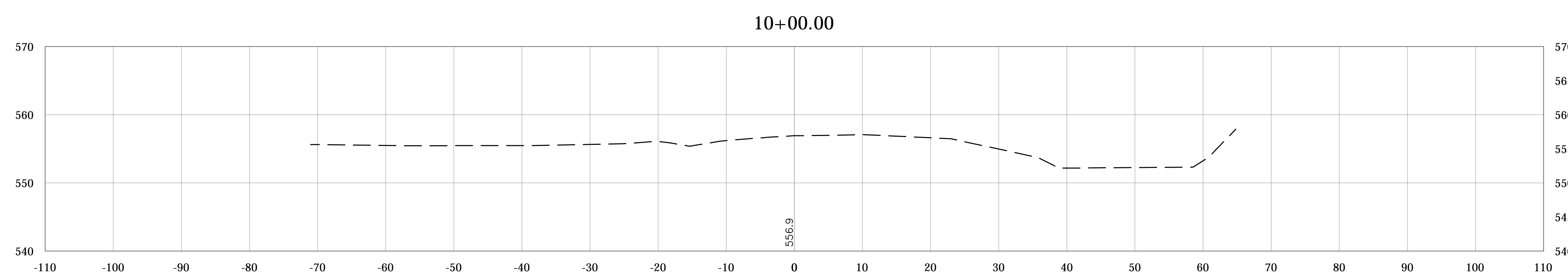
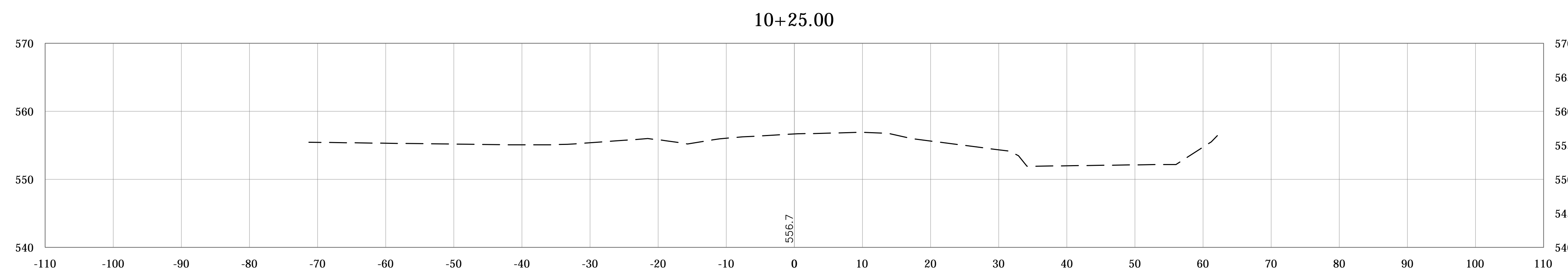
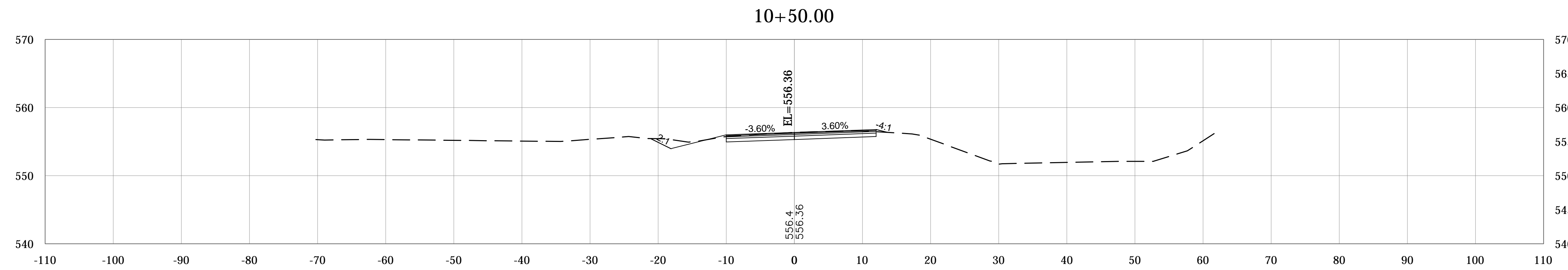
* Refer to Standard Drawings 715-PHCL-20 through -22 for nominal diameter appropriate for pay item diameter.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

FILE: PIPE MATERIALS 01.DWG
PLOTTED: Friday, February 15, 2019 10:26:42 AM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	MONROE COUNTY, INDIANA	
			SCALE	BRIDGE FILE
			N/A	
			DESIGNATION	
			N/A	
DESIGNED: TMM	DRAWN: JRF		SURVEY BOOK	SHEETS
CHECKED: TAB	CHECKED: TMM		N/A	37 of 69
			CONTRACT	PROJECT
			N/A	STIPP ROAD & MOORES CREEK ROAD

PIPE MATERIALS TABLE



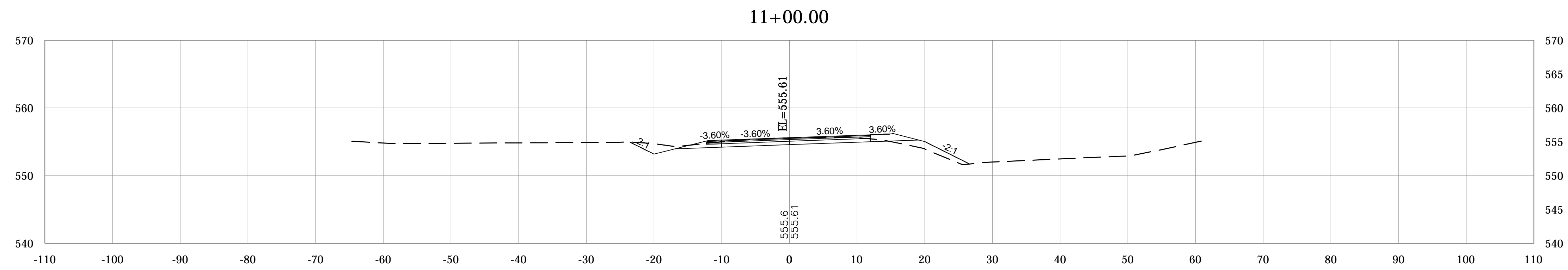
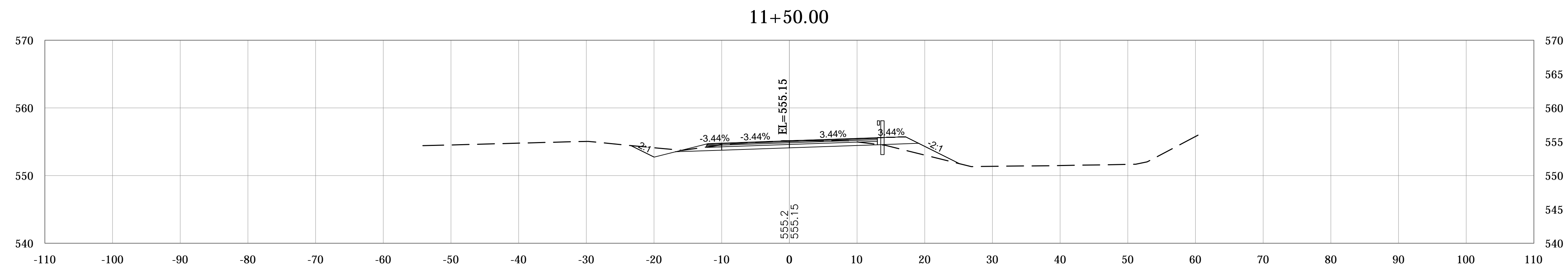
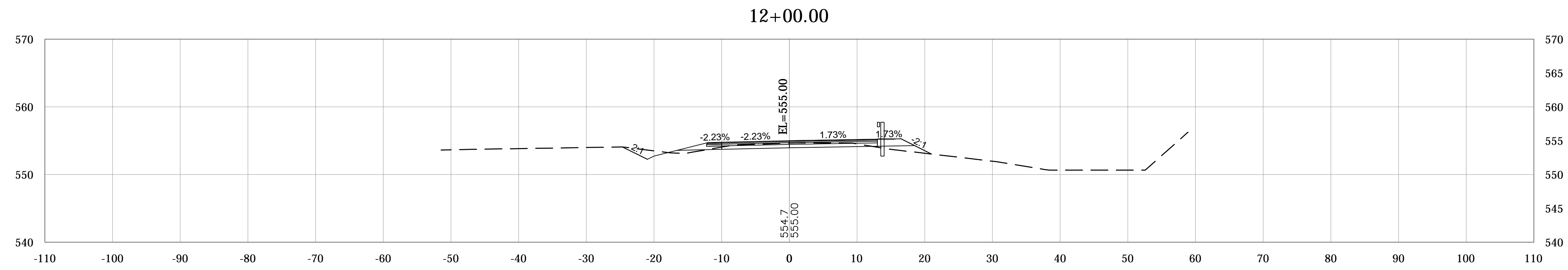
PLOTTED: Friday, February 15, 2019 10:14:24 AM

FILE: RD_CORRIDOR01.DWG

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

MONROE COUNTY, INDIANA	
CROSS SECTIONS	
STIPP ROAD	
LINE "PR-A"	

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	38 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:14:49 AM

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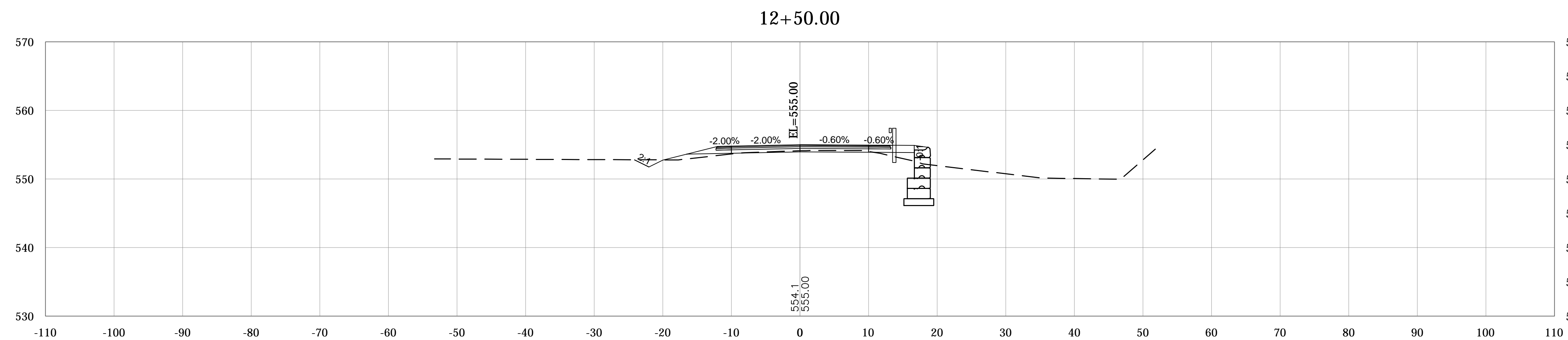
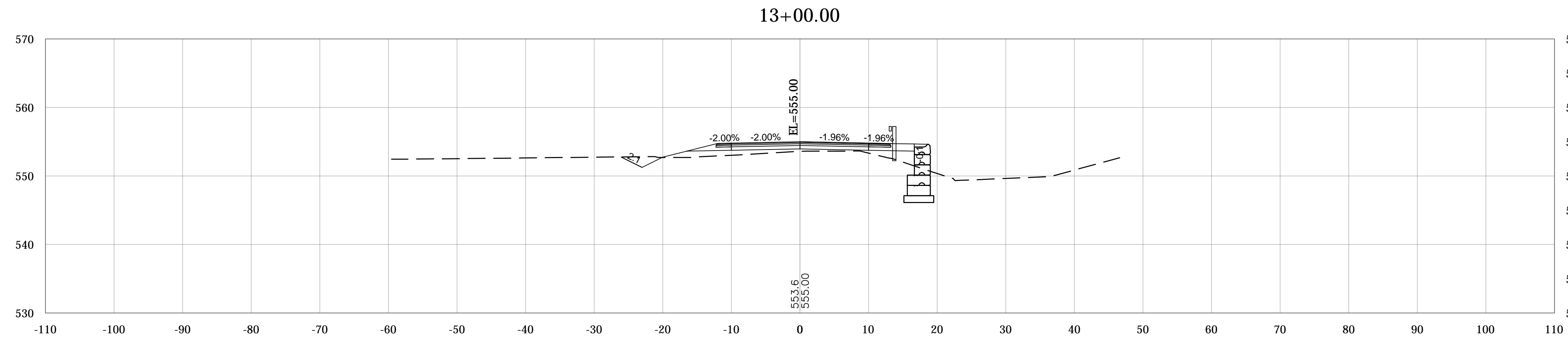
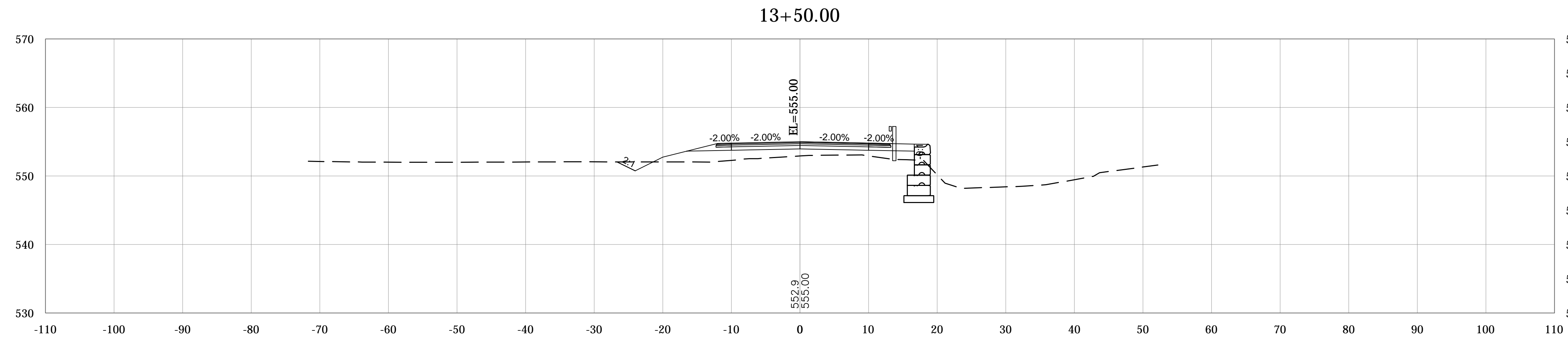
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	39 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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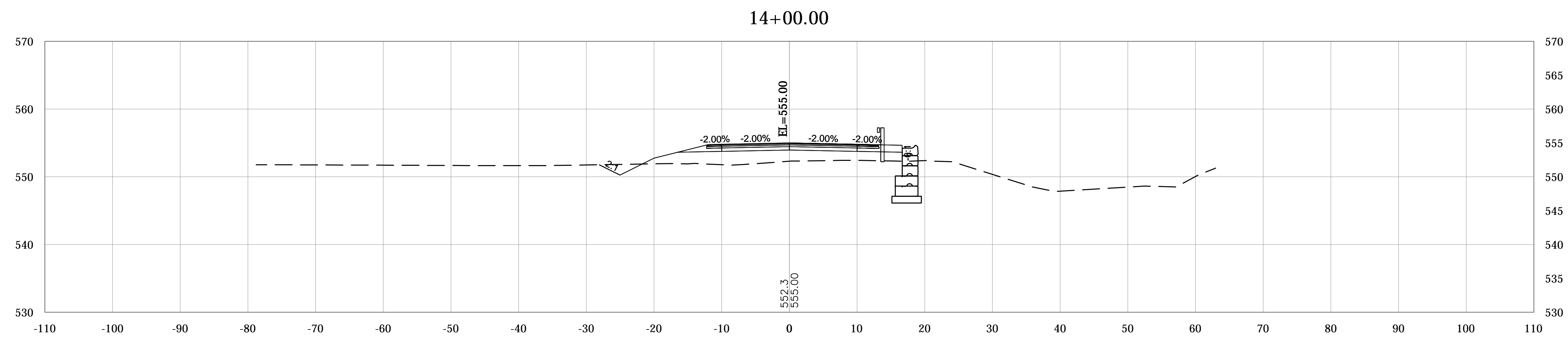
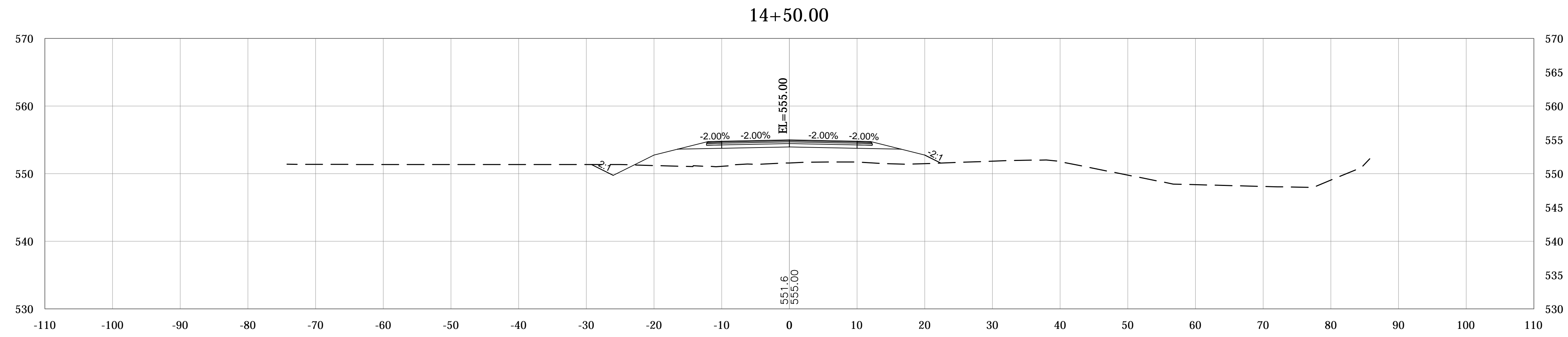
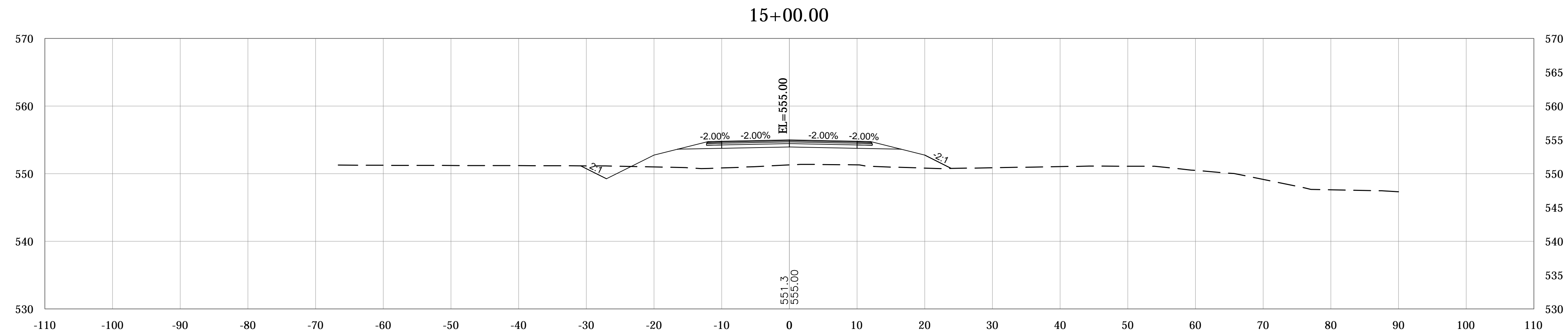
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DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	40 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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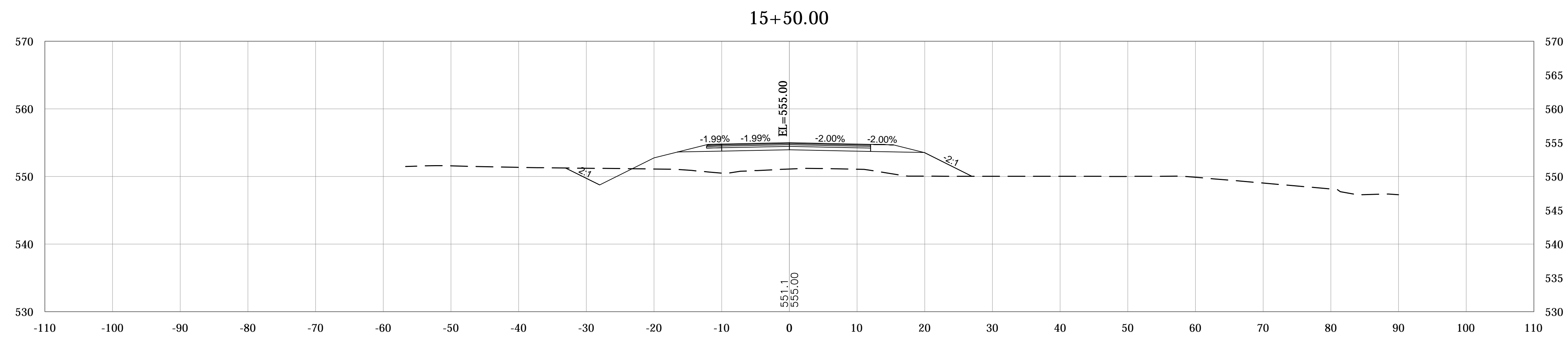
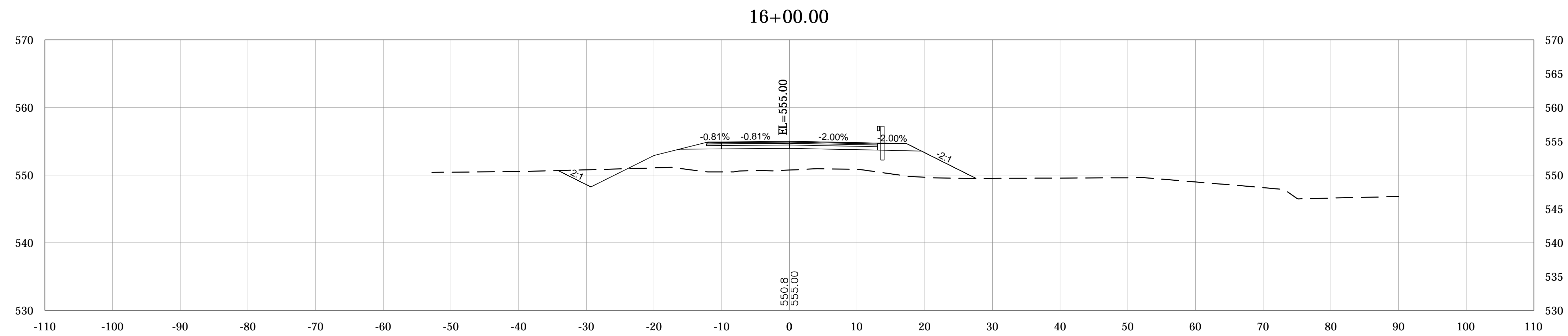
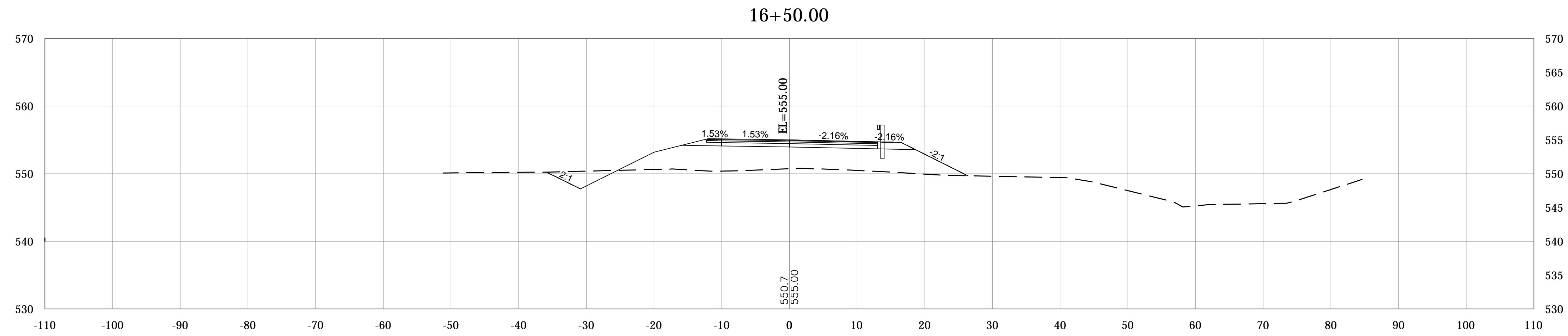
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	41 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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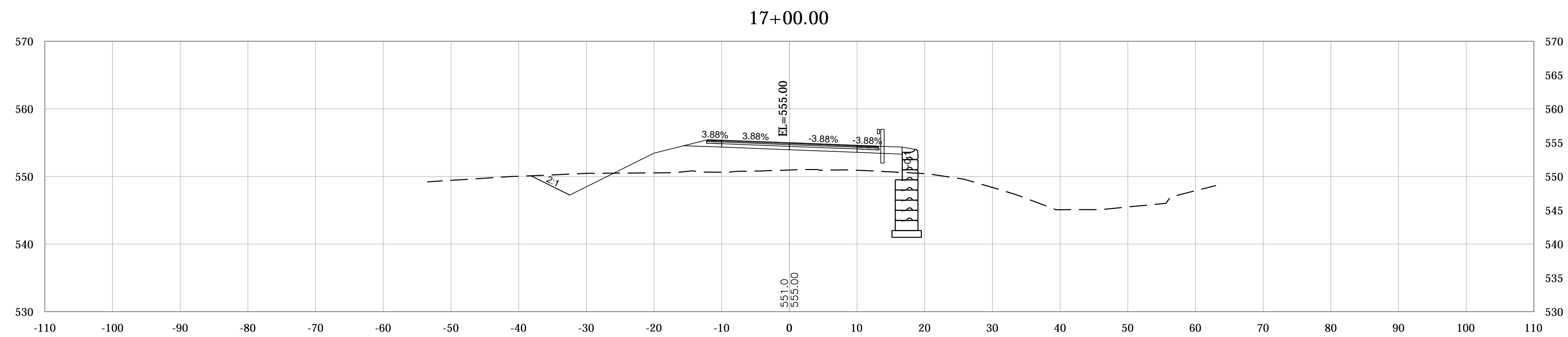
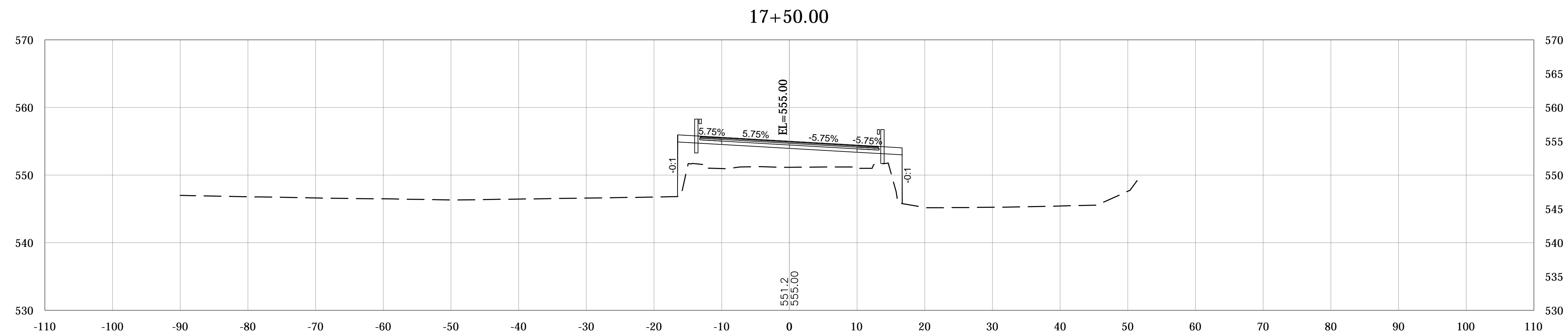
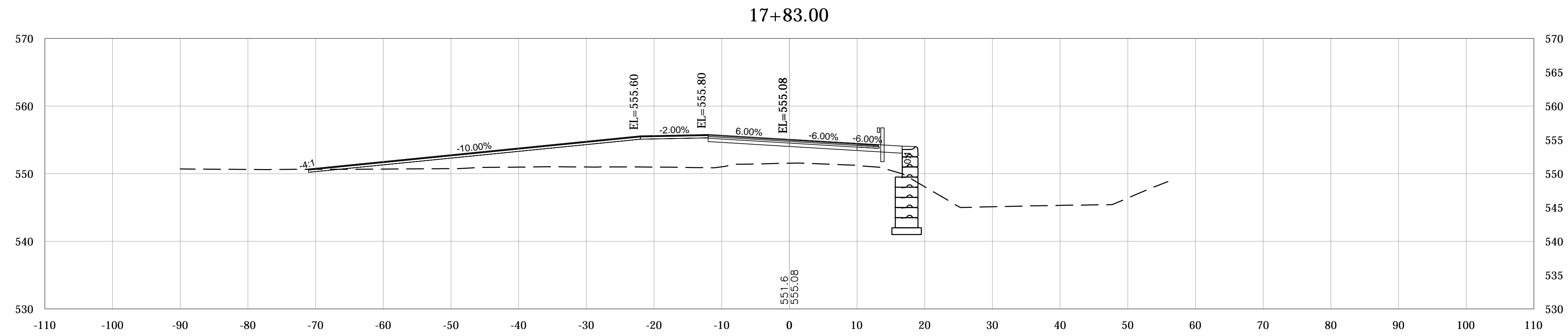
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	42 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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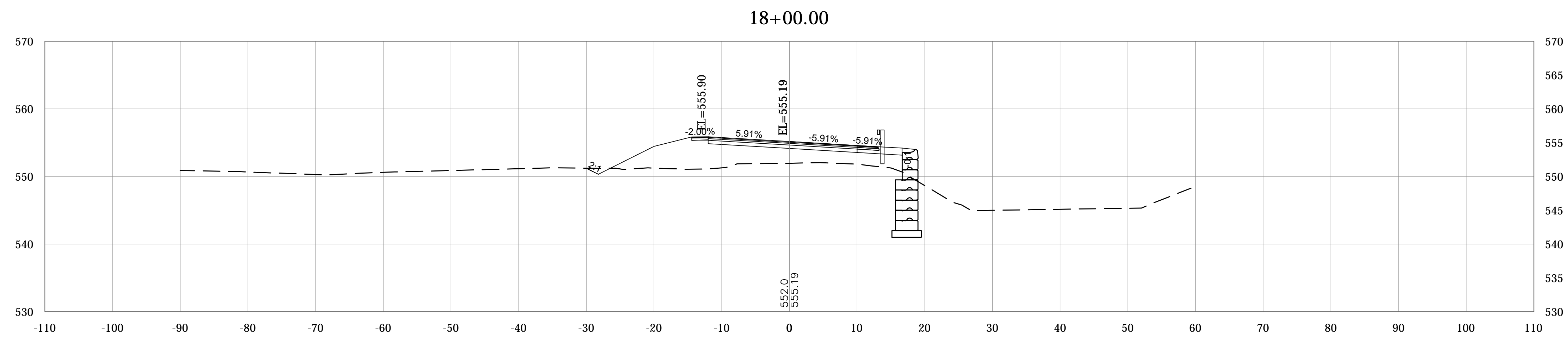
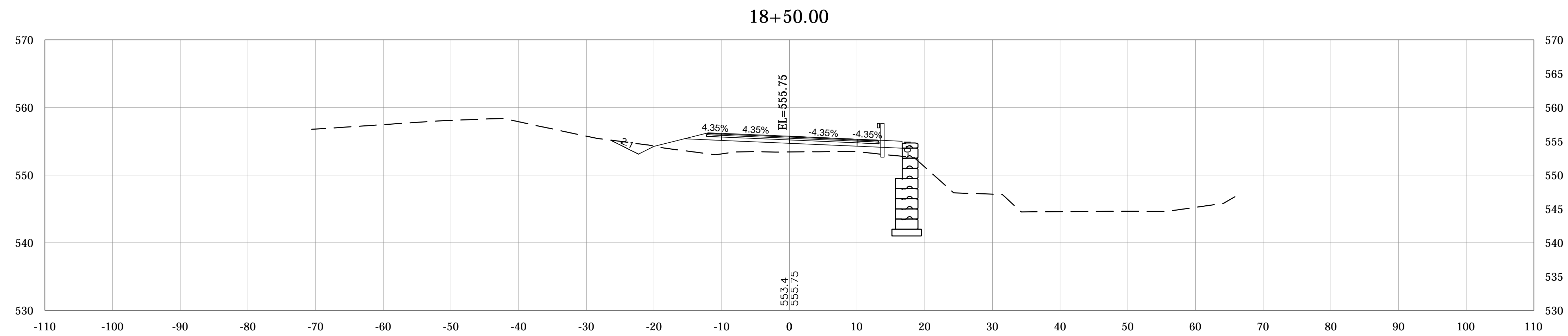
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	43 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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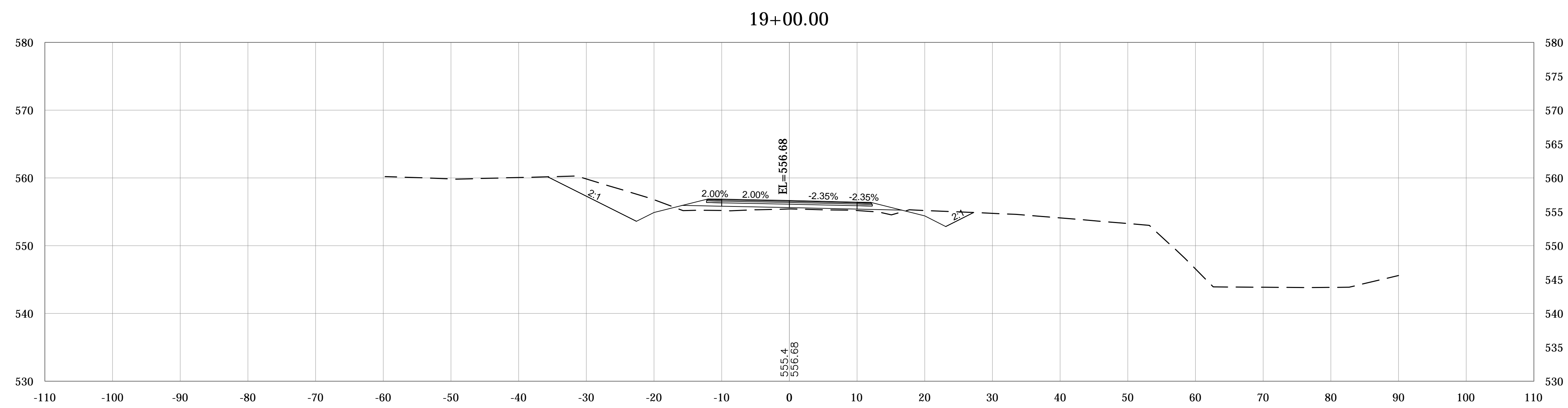
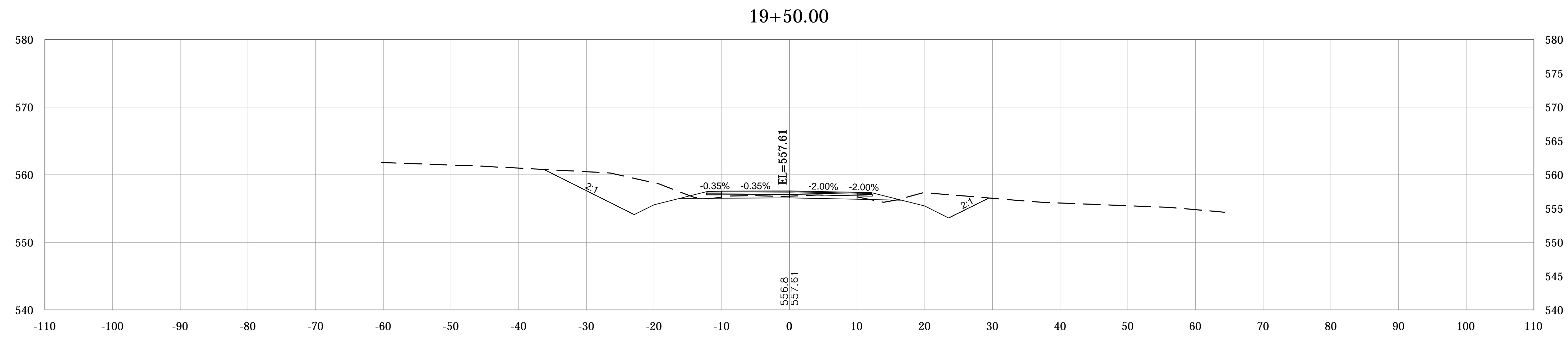
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	44 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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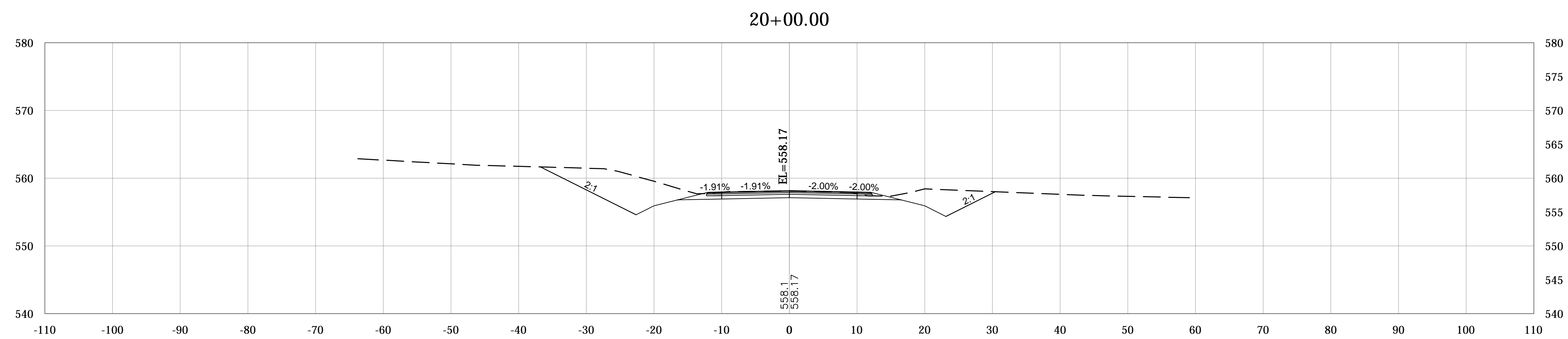
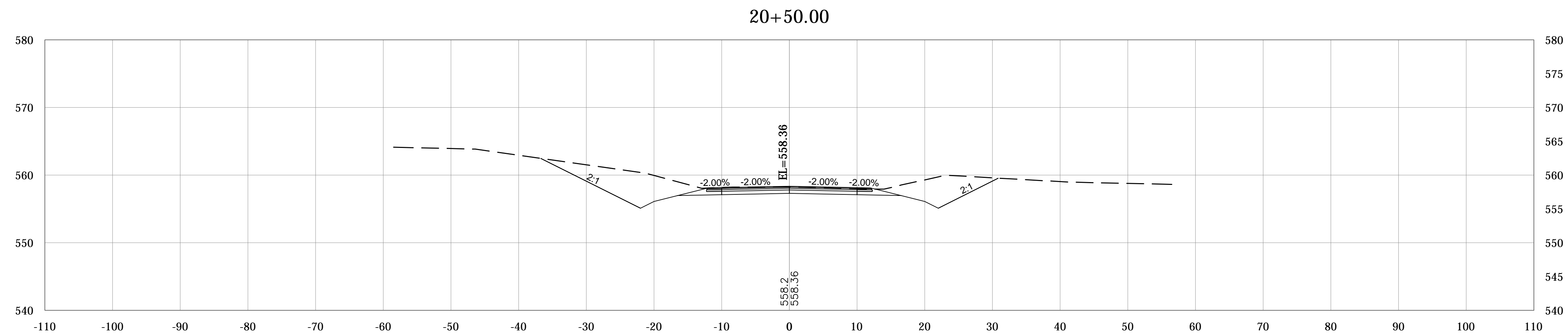
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
 CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

**CROSS SECTIONS
 STIPP ROAD
 LINE "PR-A"**

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	45 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:16:59 AM

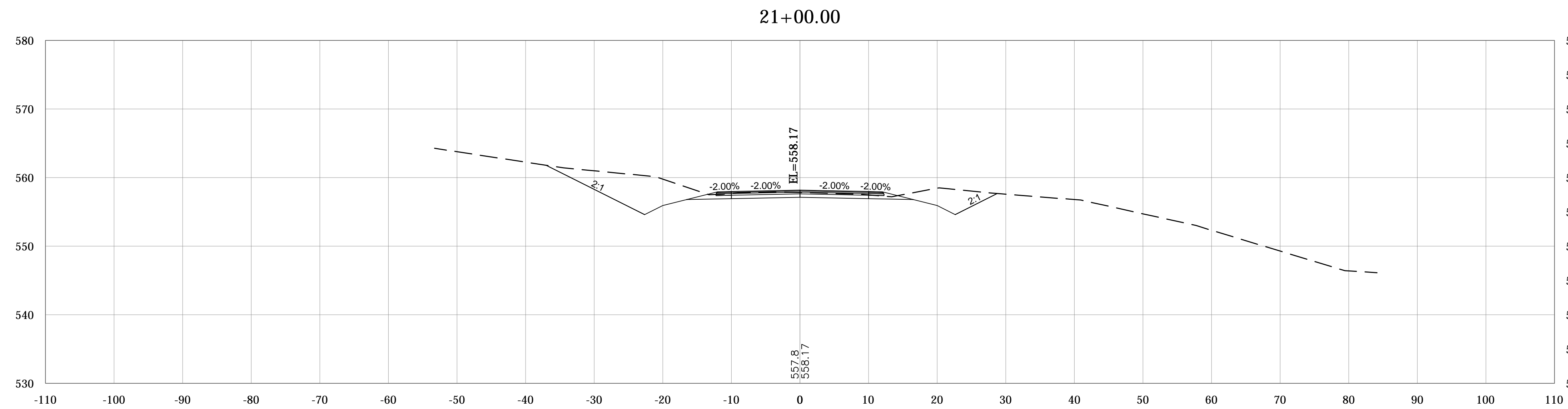
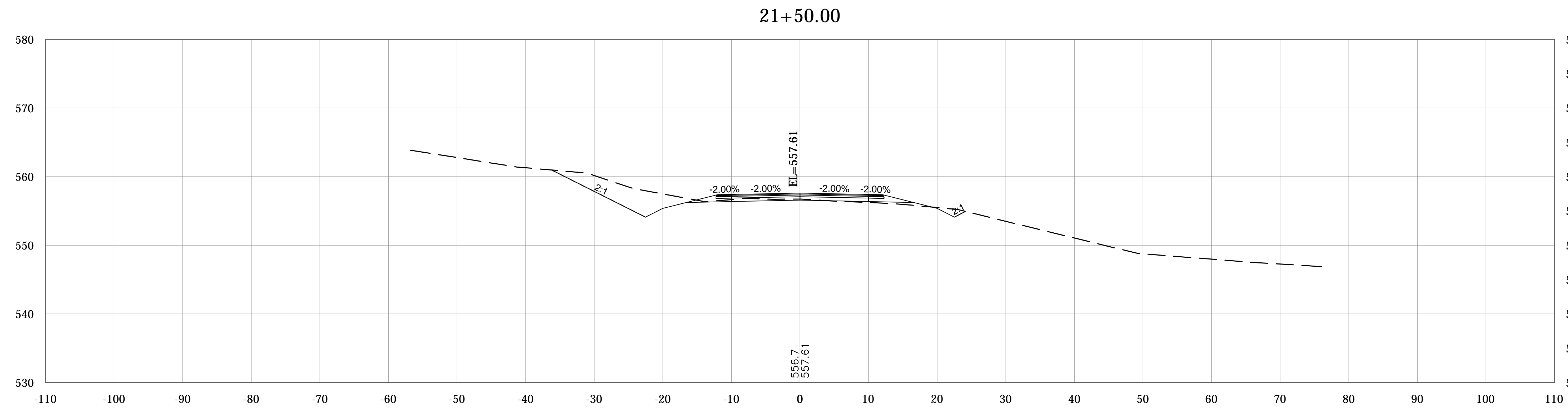
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: _____	DRAWN: _____		
CHECKED: _____	CHECKED: _____		

MONROE COUNTY, INDIANA

**CROSS SECTIONS
STIPP ROAD
LINE "PR-A"**

SCALE	BRIDGE FILE	
1"=10'	Monroe Co. Br. 912	
VERTICAL SCALE	DESIGNATION	
1"=10'	N/A	
SURVEY BOOK	SHEETS	
N/A	46	of 69
CONTRACT	PROJECT	
N/A	STIPP ROAD & MOORES CREEK ROAD	



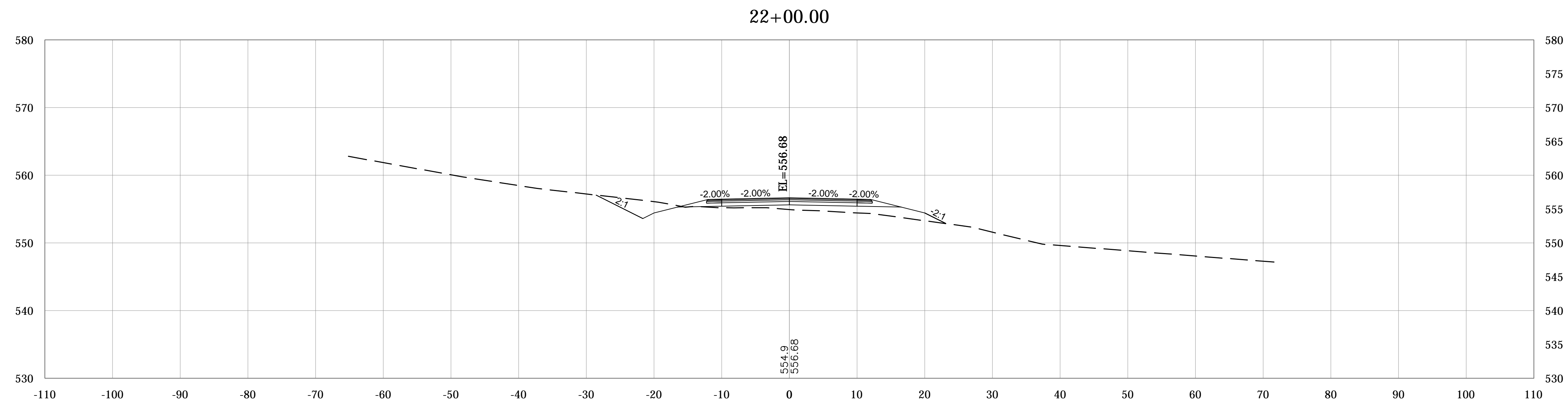
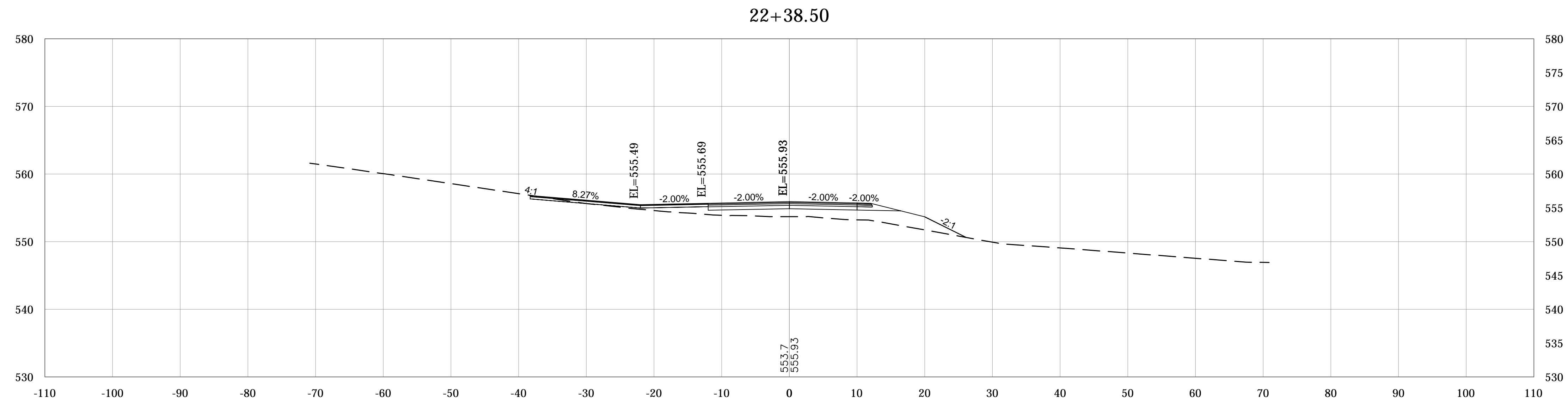
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RECOMMENDED FOR APPROVAL _____	
DESIGNED: _____	DRAWN: _____
CHECKED: _____	CHECKED: _____

MONROE COUNTY, INDIANA	
CROSS SECTIONS	
STIPP ROAD	
LINE "PR-A"	

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	47 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:17:49 AM

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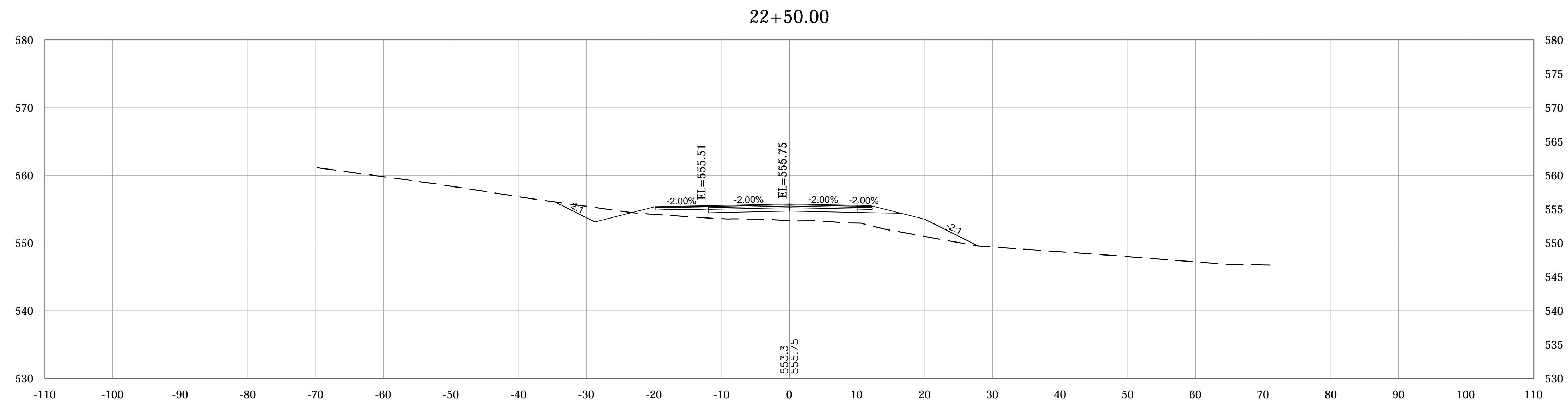
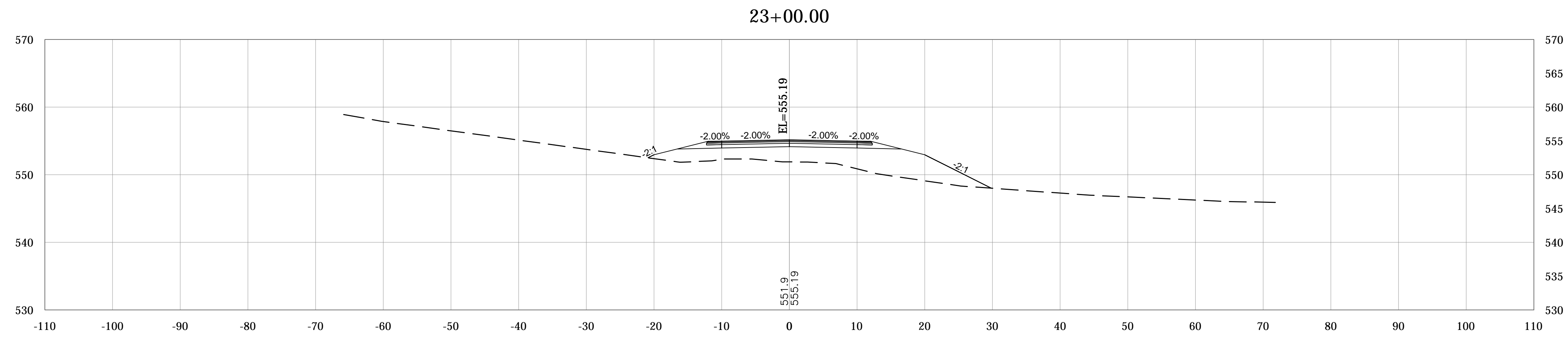
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	48 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:18:00 AM

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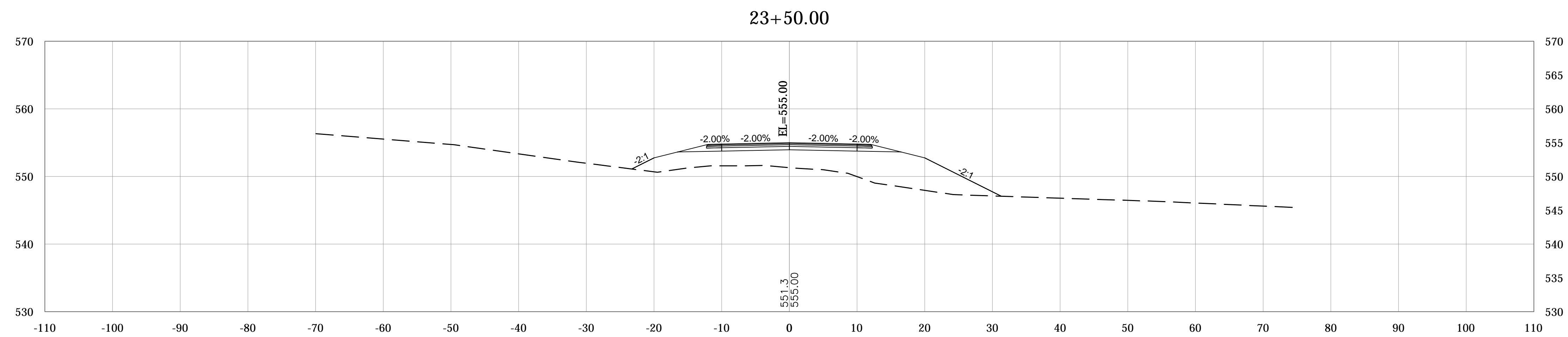
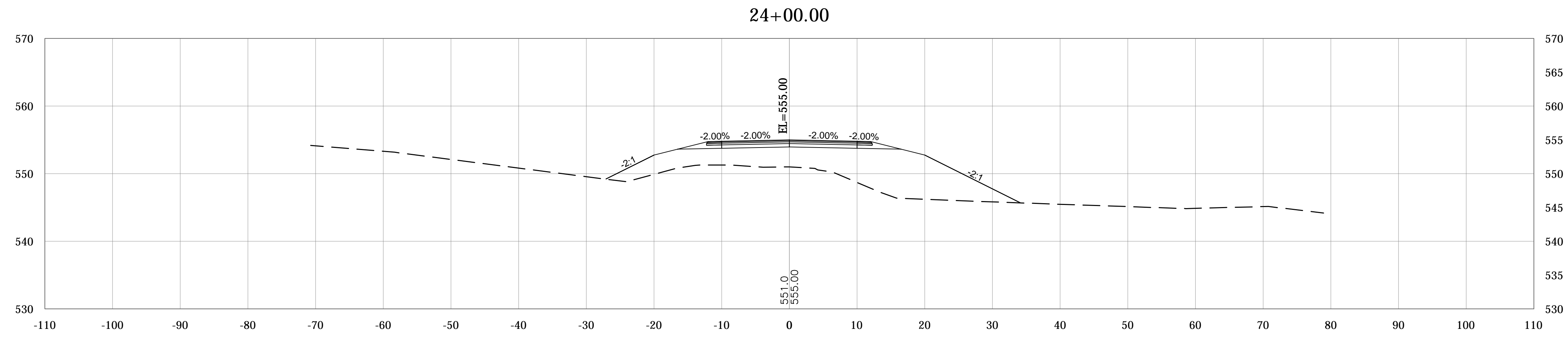
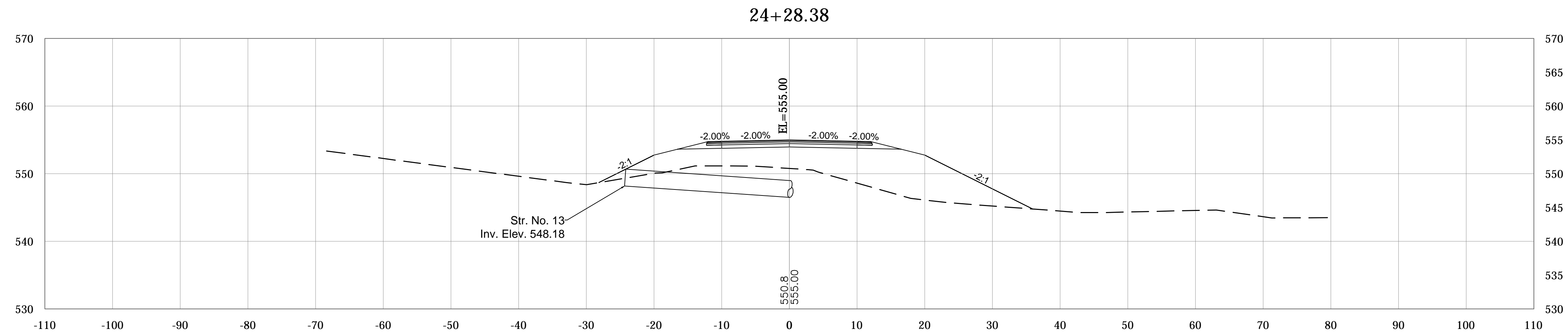
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	49 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:18:21 AM

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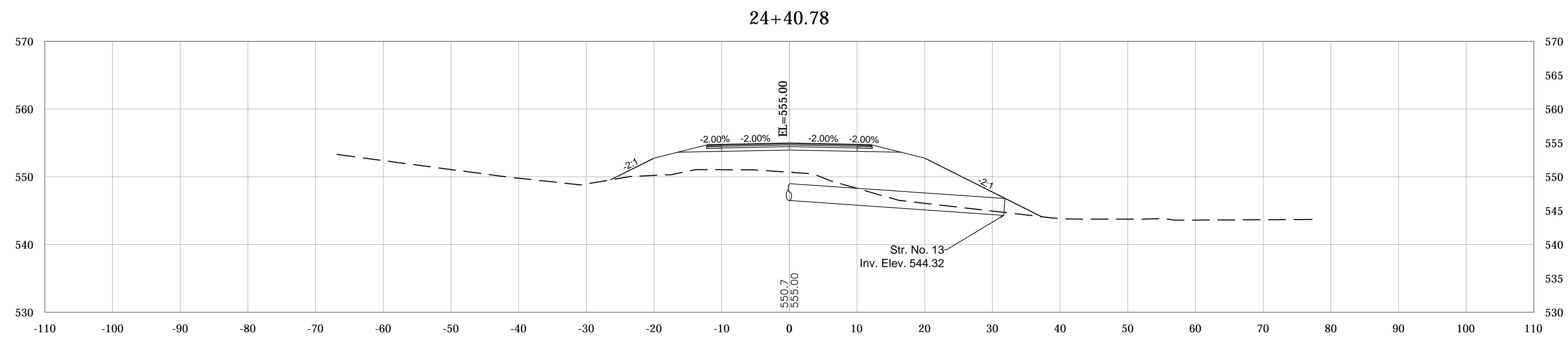
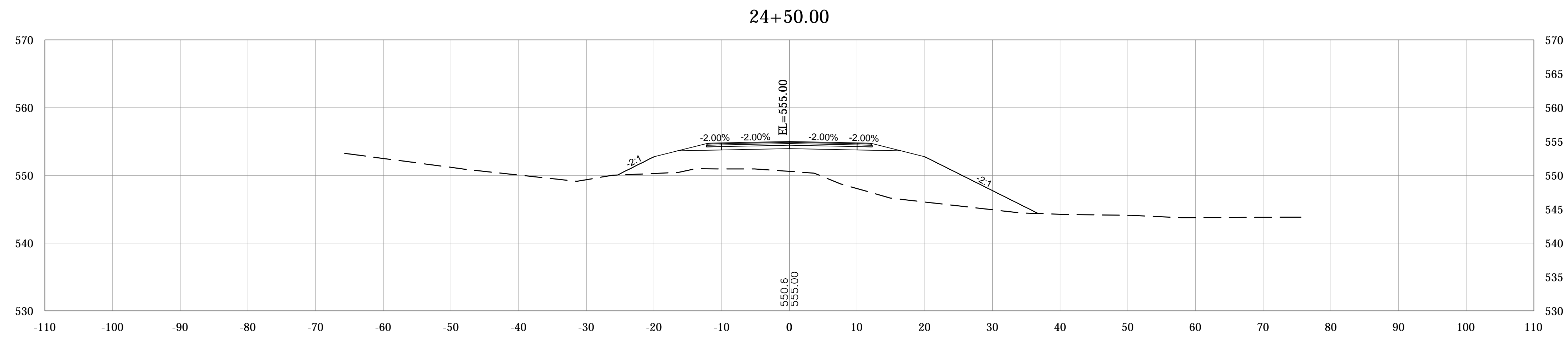
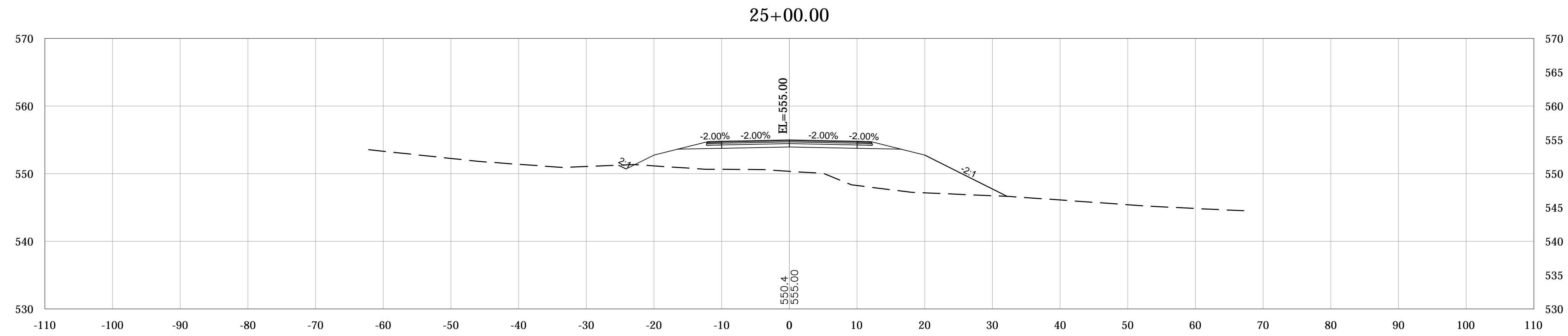
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	50 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:18:40 AM

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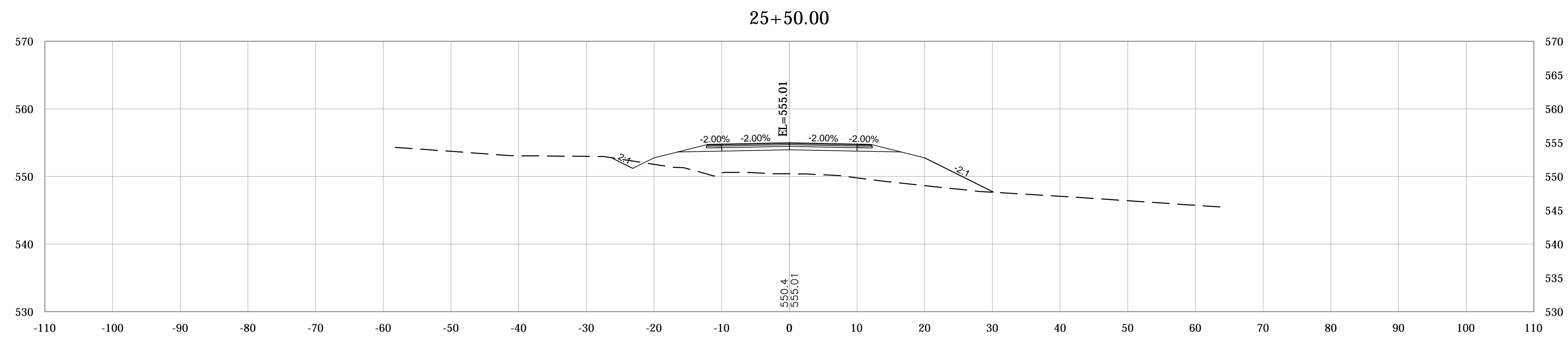
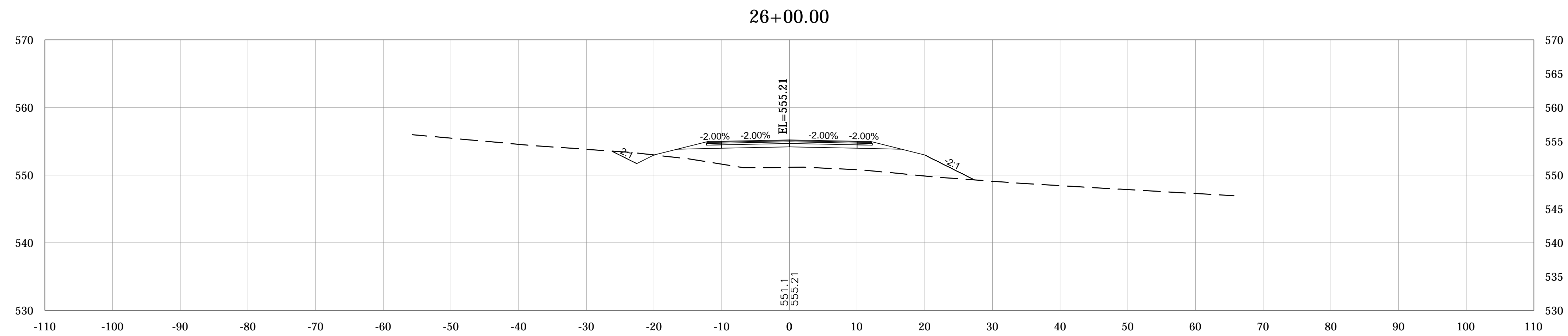
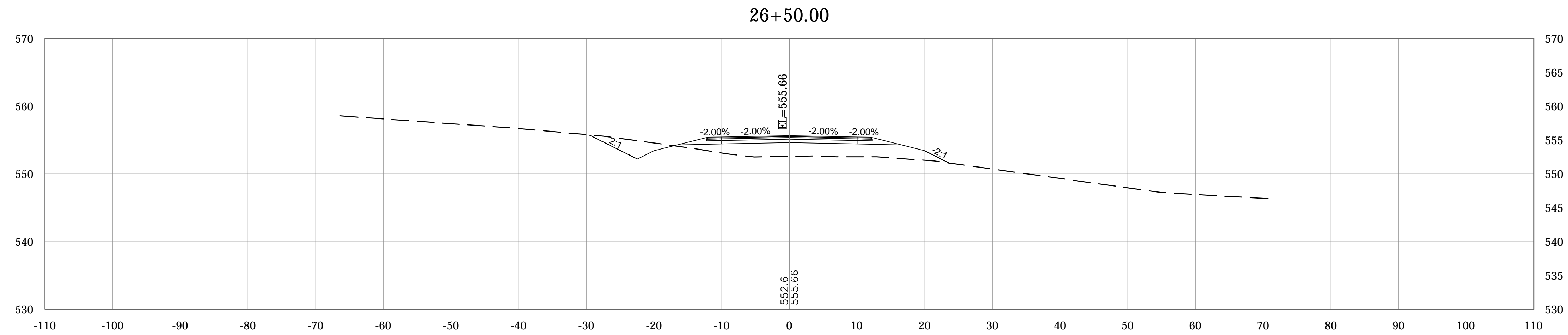
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	51 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:18:59 AM

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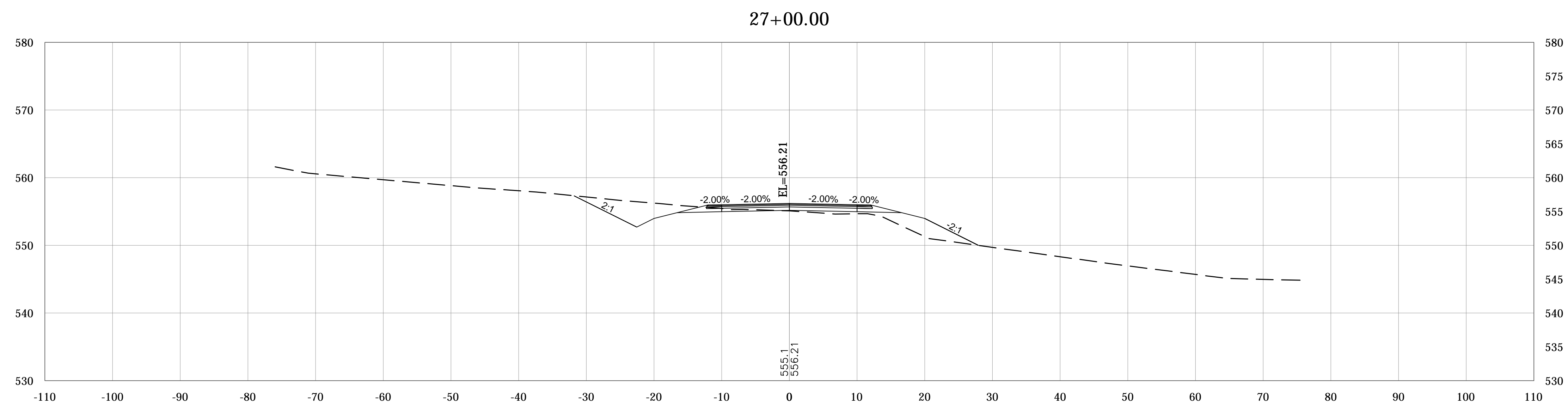
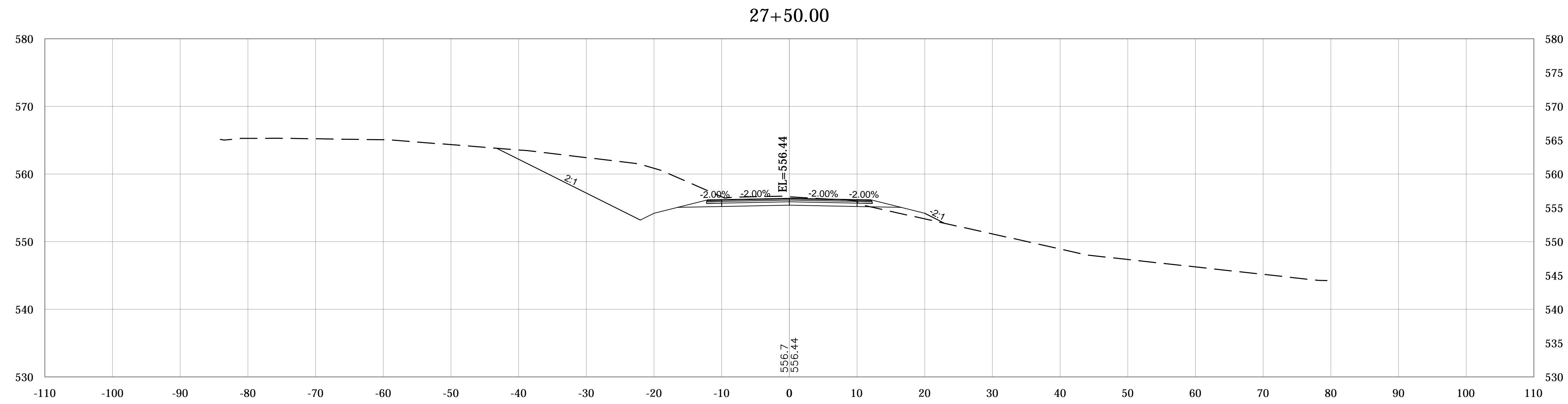
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DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	52 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:19:17 AM

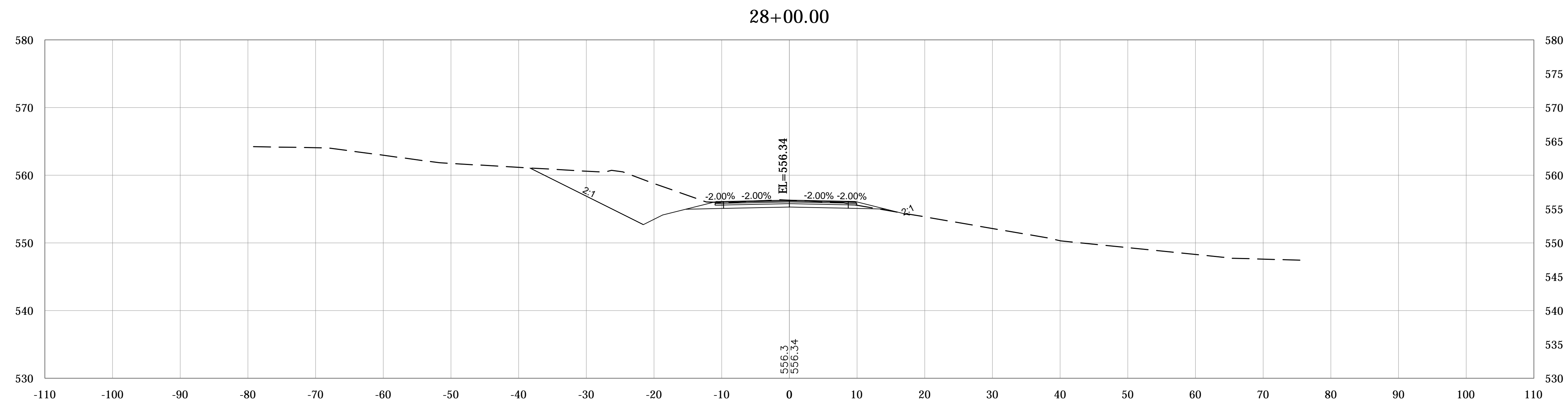
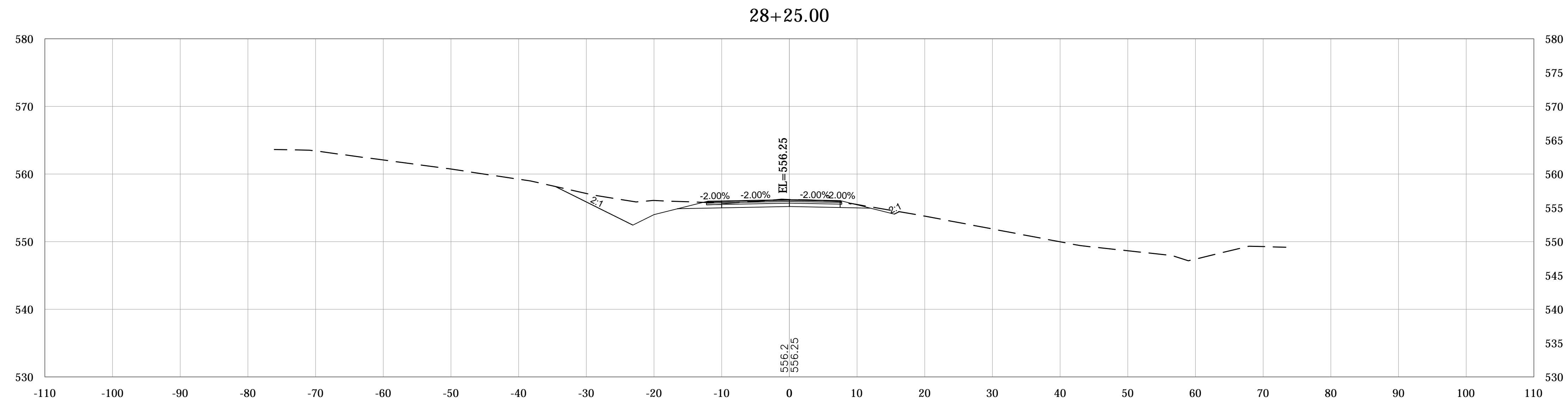
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RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: _____	DRAWN: _____
CHECKED: _____	CHECKED: _____

MONROE COUNTY, INDIANA

**CROSS SECTIONS
STIPP ROAD
LINE "PR-A"**

SCALE 1"=10'	BRIDGE FILE Monroe Co. Br. 912
VERTICAL SCALE 1"=10'	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 53 of 69
CONTRACT N/A	PROJECT STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:19:36 AM

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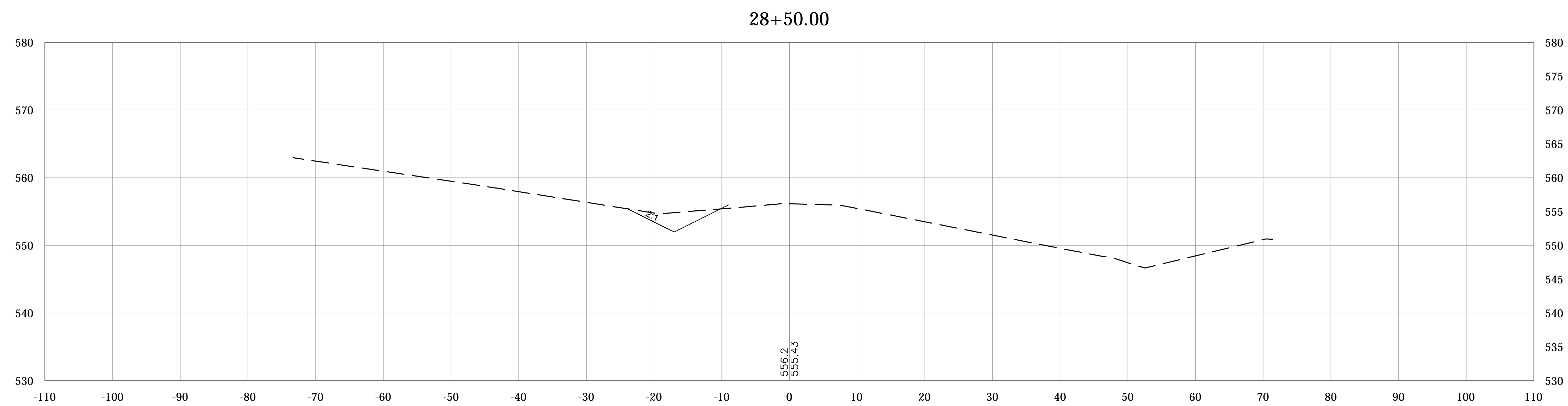
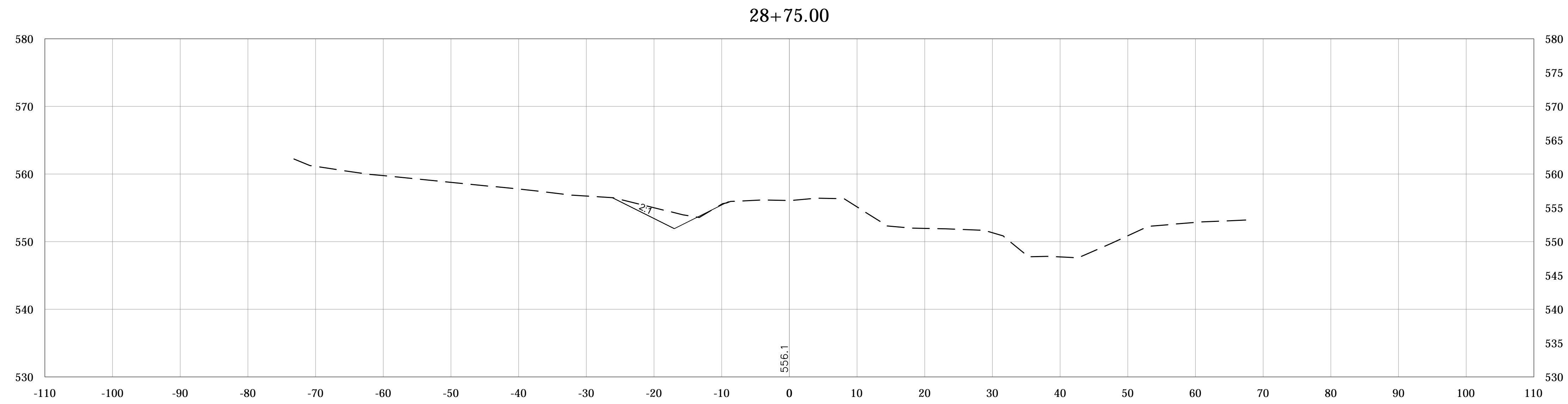
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
STIPP ROAD
LINE "PR-A"

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	54 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



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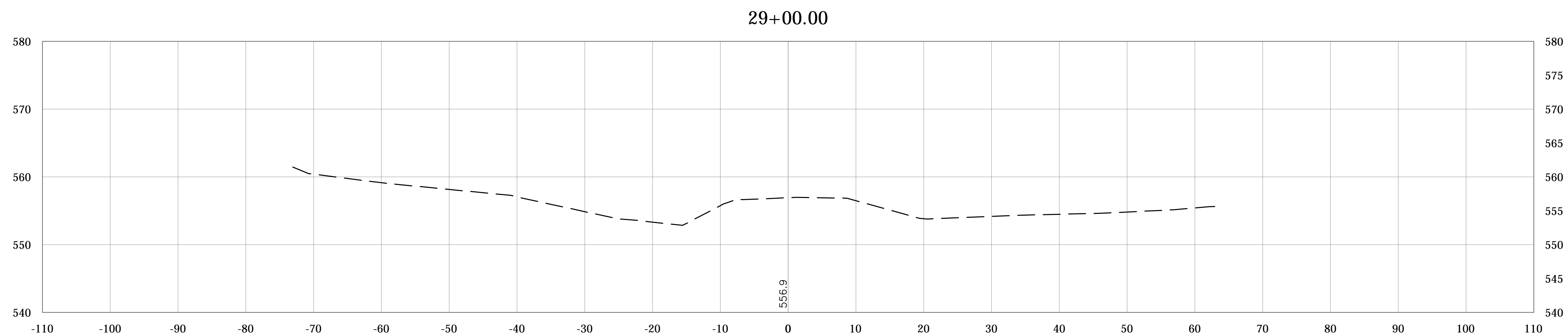
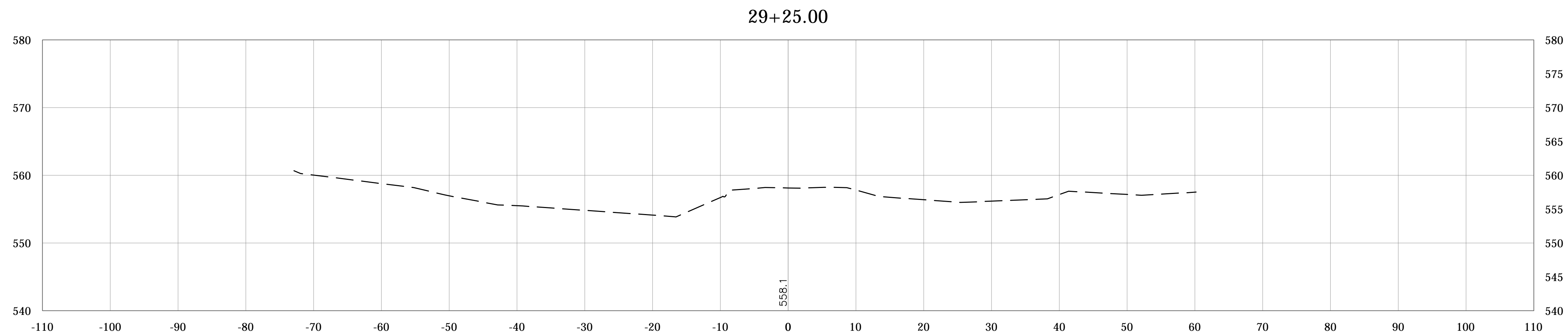
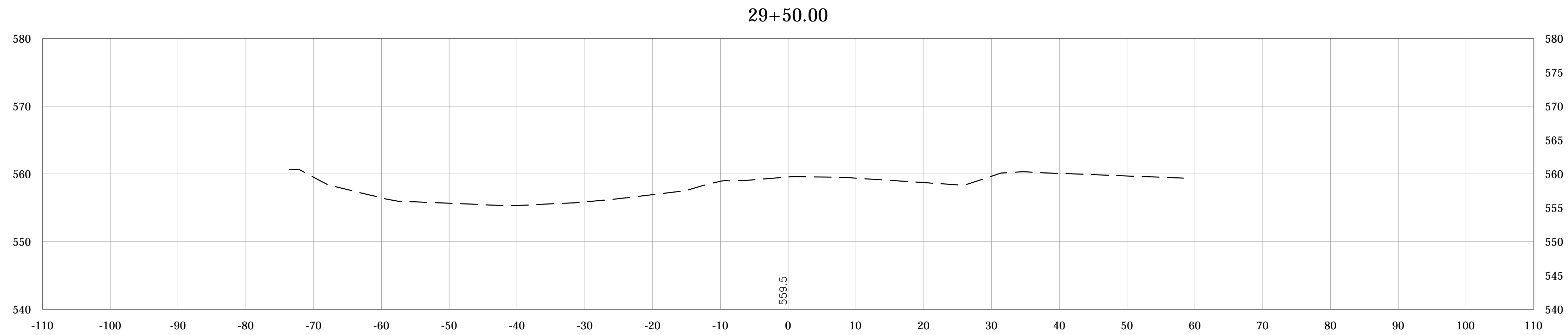
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____	DRAWN: _____	
CHECKED: _____	CHECKED: _____	

MONROE COUNTY, INDIANA

**CROSS SECTIONS
STIPP ROAD
LINE "PR-A"**

SCALE	BRIDGE FILE
1"=10'	Monroe Co. Br. 912
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	55 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:20:09 AM

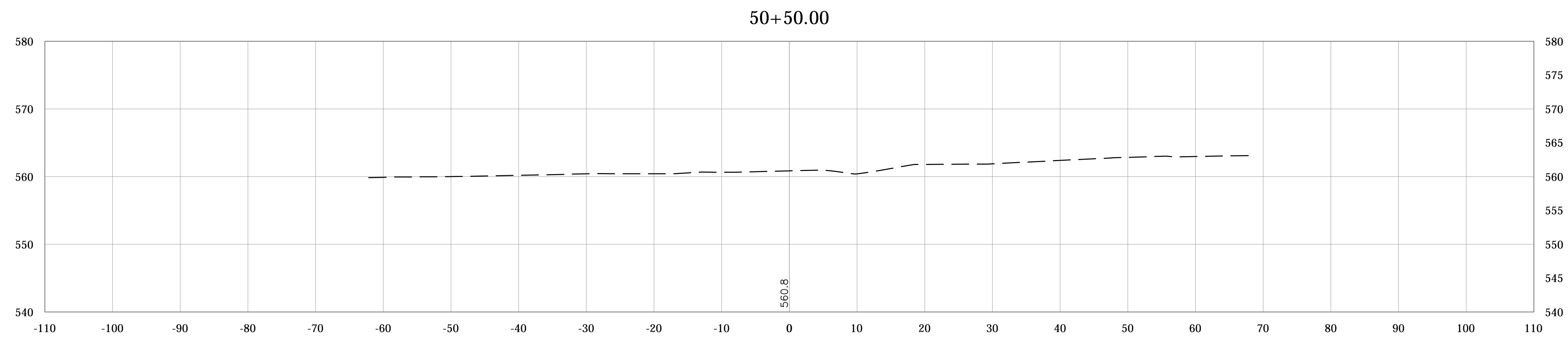
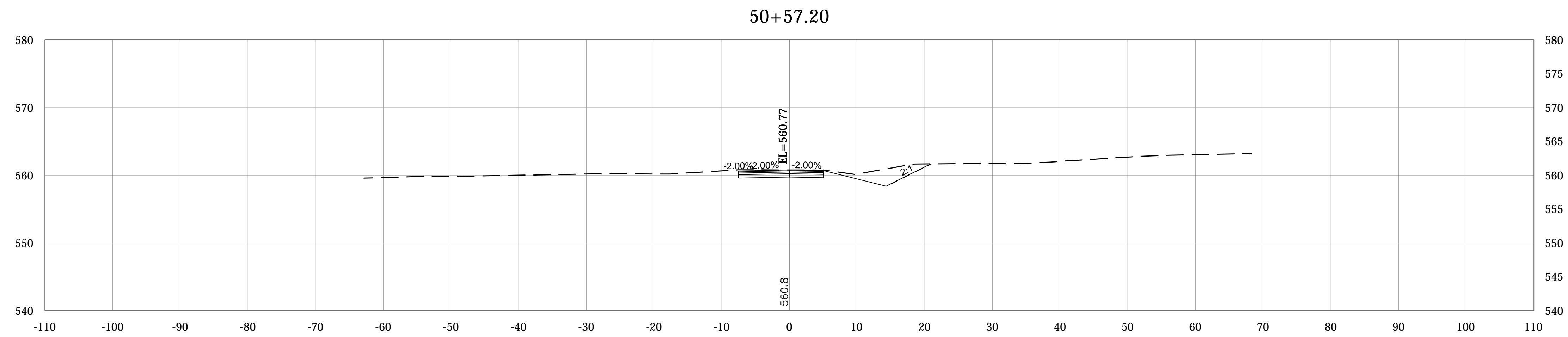
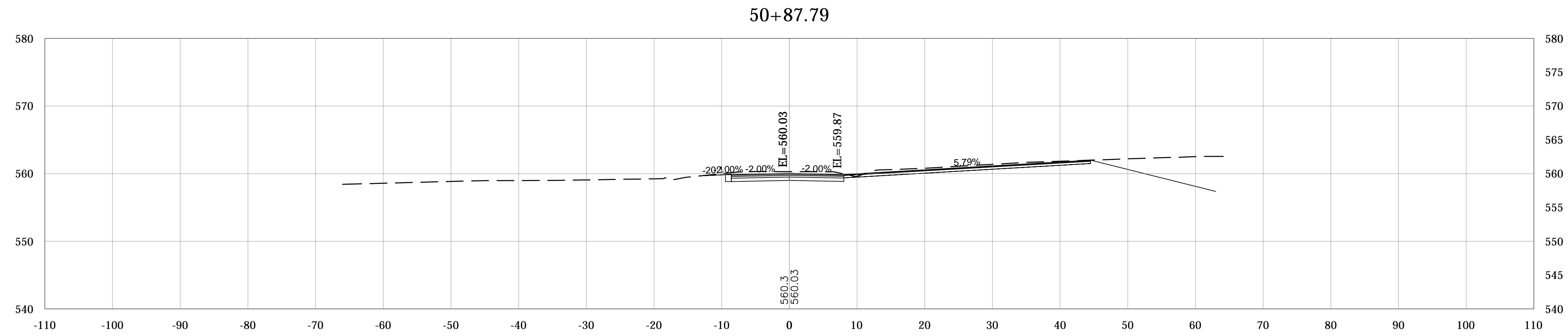
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DESIGNED: _____	DRAWN: _____		
CHECKED: _____	CHECKED: _____		

MONROE COUNTY, INDIANA

**CROSS SECTIONS
STIPP ROAD
LINE "PR-A"**

SCALE	BRIDGE FILE	
1"=10'	Monroe Co. Br. 912	
VERTICAL SCALE	DESIGNATION	
1"=10'	N/A	
SURVEY BOOK	SHEETS	
N/A	56	of 69
CONTRACT	PROJECT	
N/A	STIPP ROAD & MOORES CREEK ROAD	



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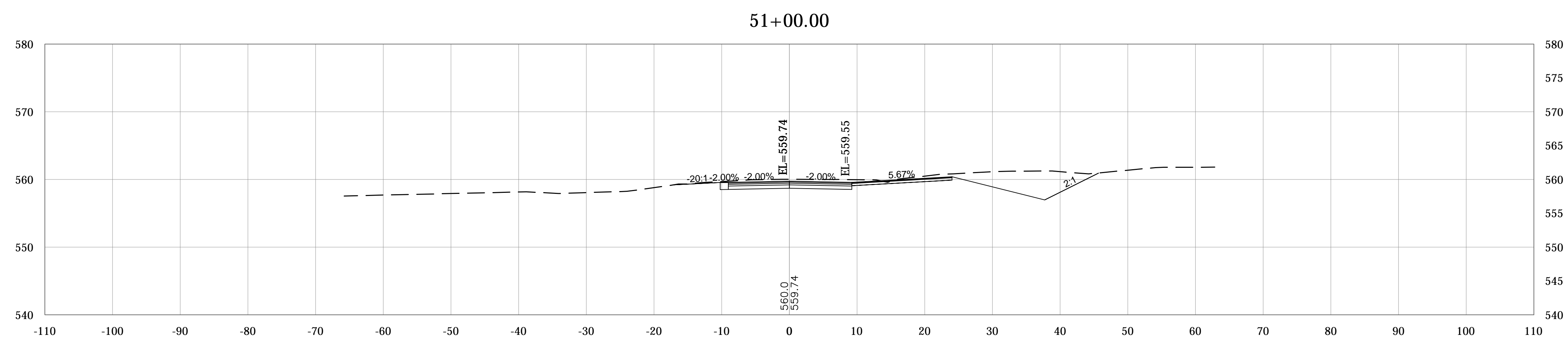
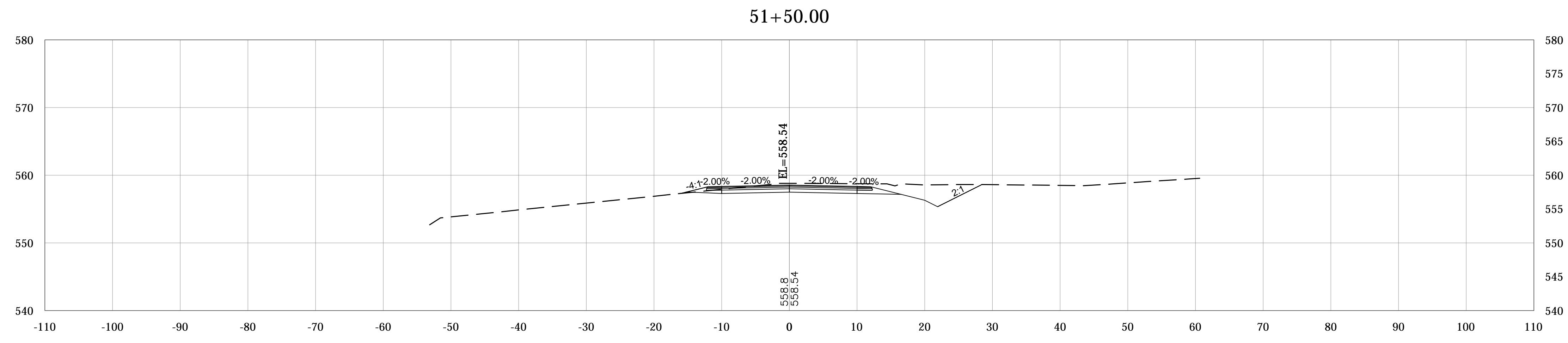
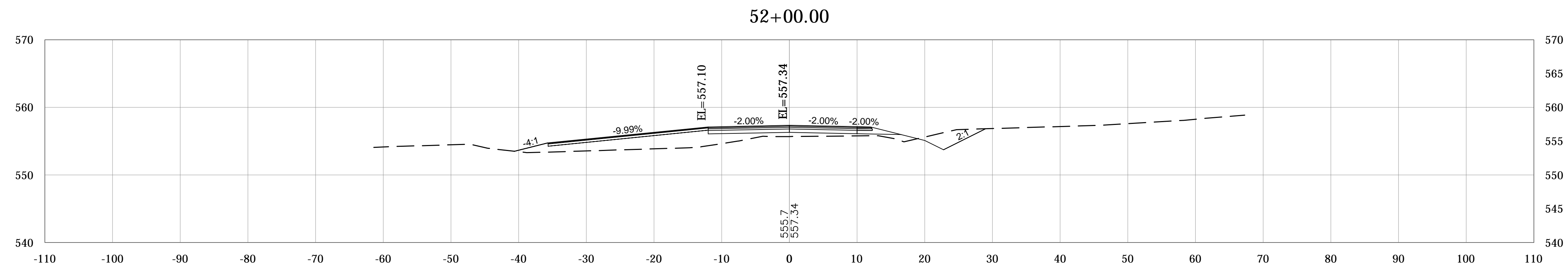
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
 CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
 MOORES CREEK ROAD
 LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	57 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:03:40 AM

FILE: RD_CORRIDOR01.DWG

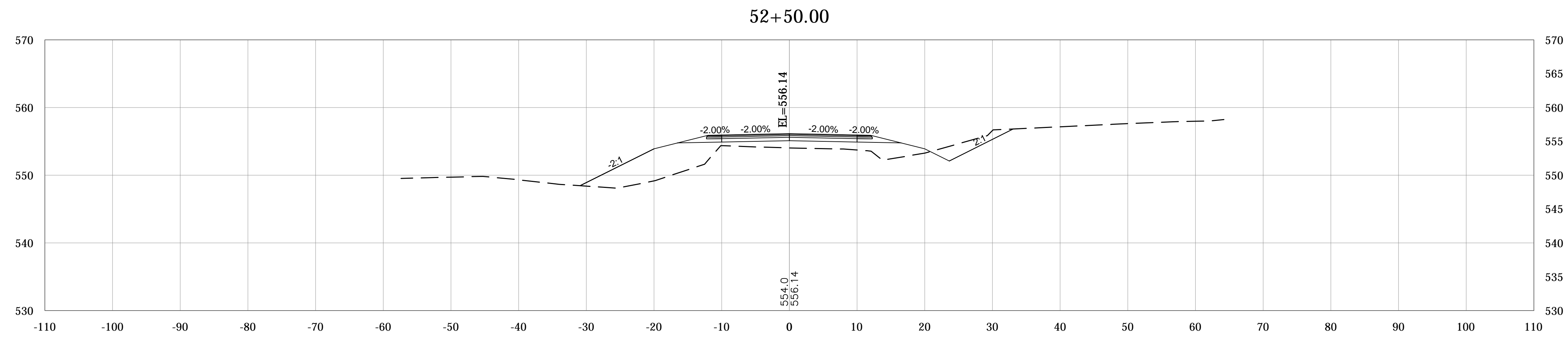
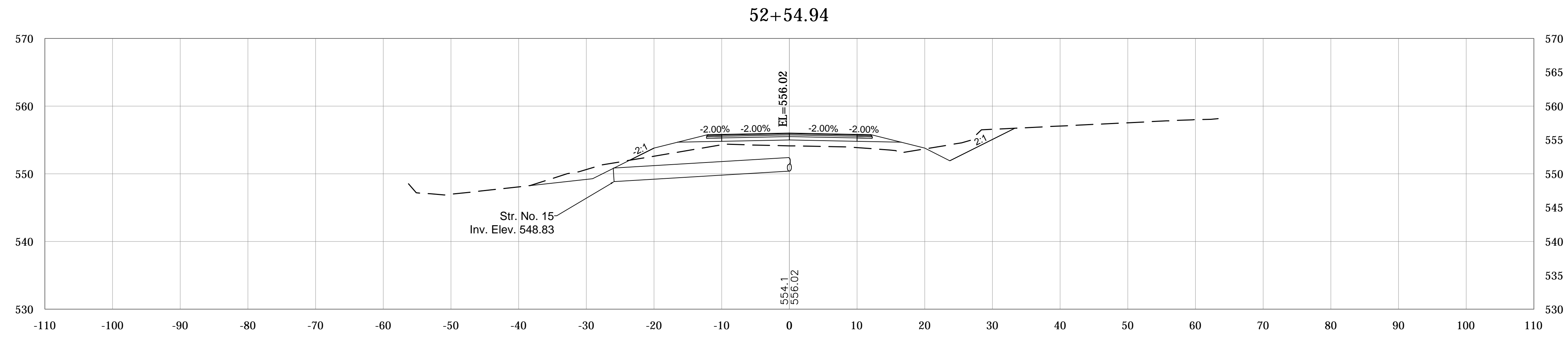
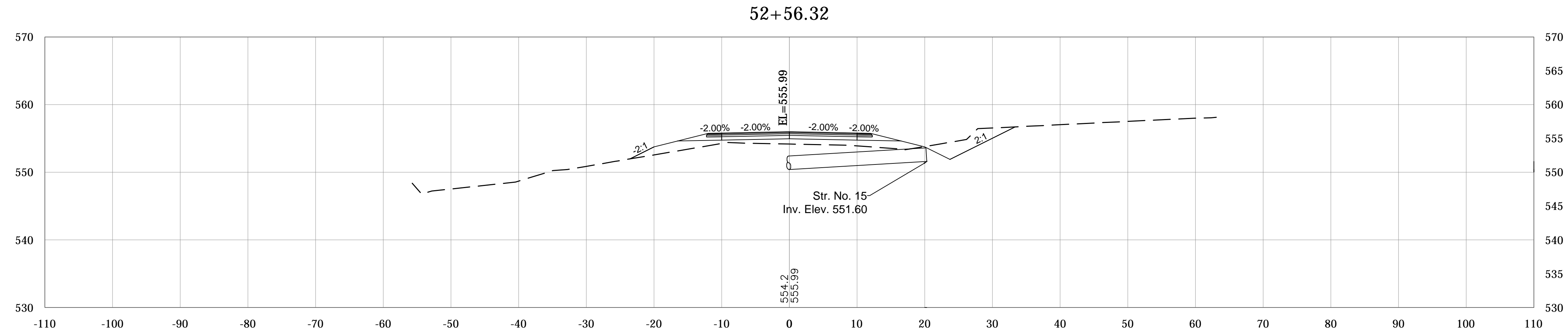
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	58 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:03:57 AM

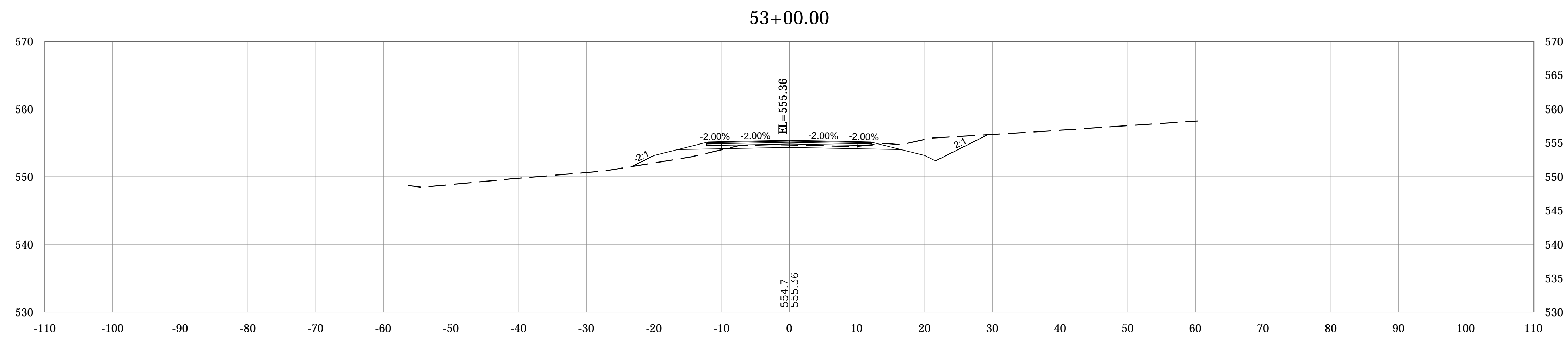
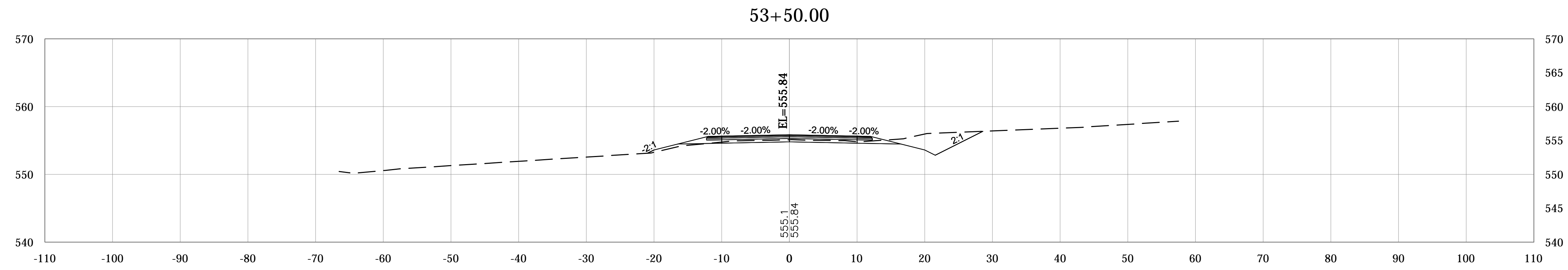
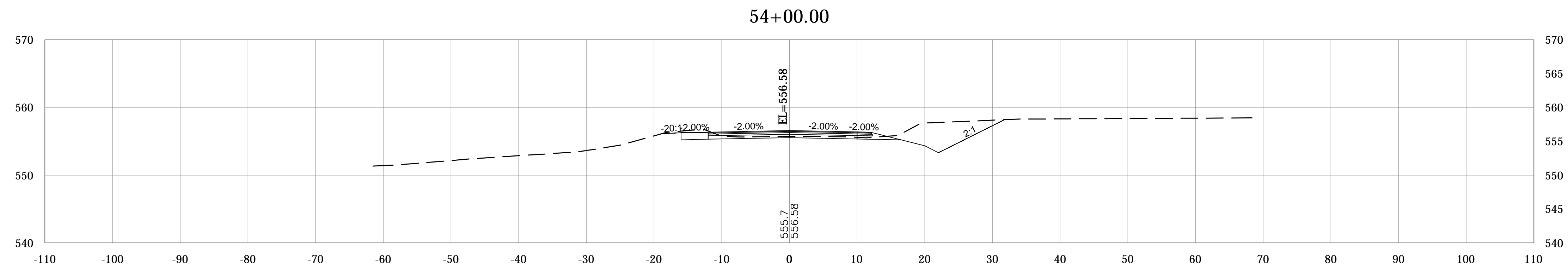
FILE: RD_CORRIDOR01.DWG

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

MONROE COUNTY, INDIANA

**CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"**

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	59 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:04:19 AM

FILE: RD_CORRIDOR01.DWG

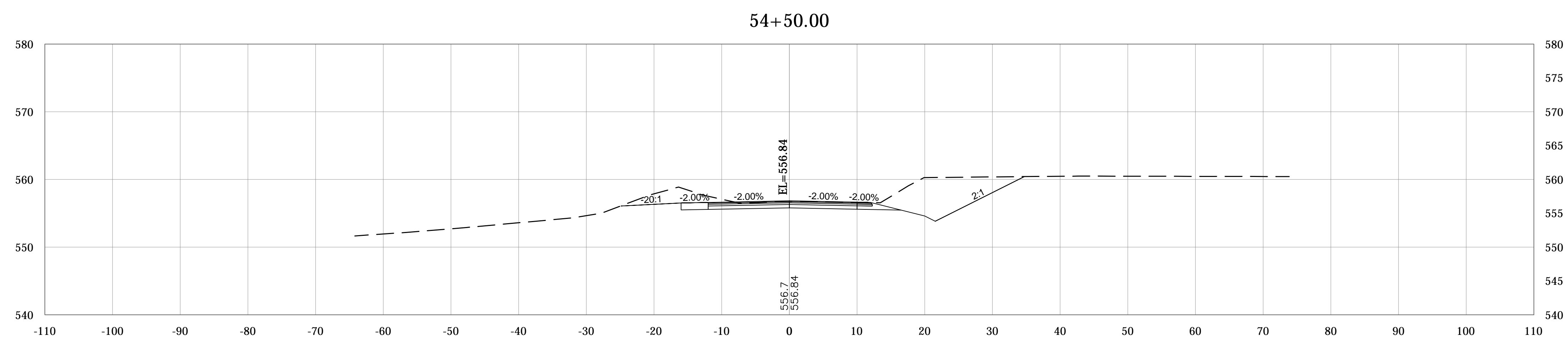
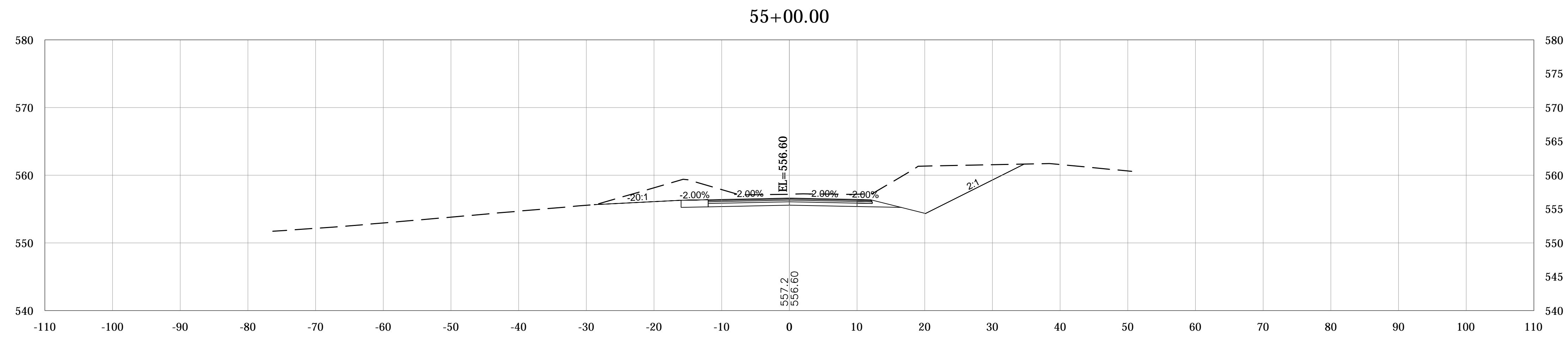
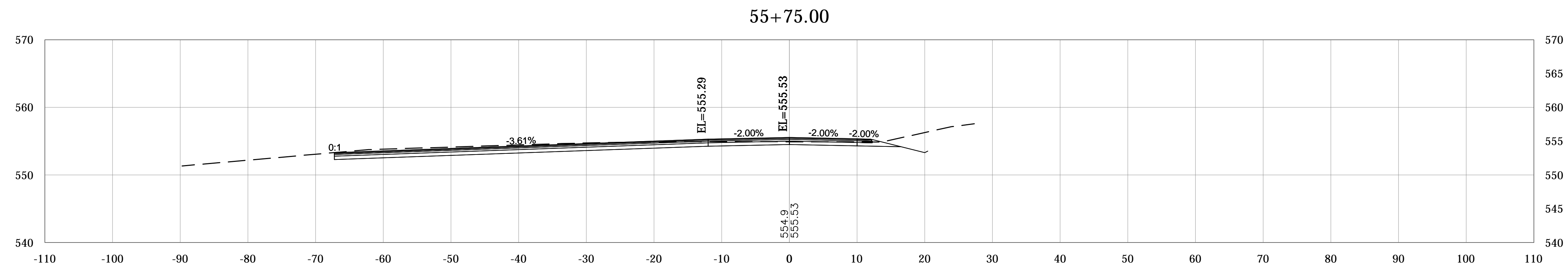
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	60 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:04:31 AM

FILE: RD_CORRIDOR01.DWG

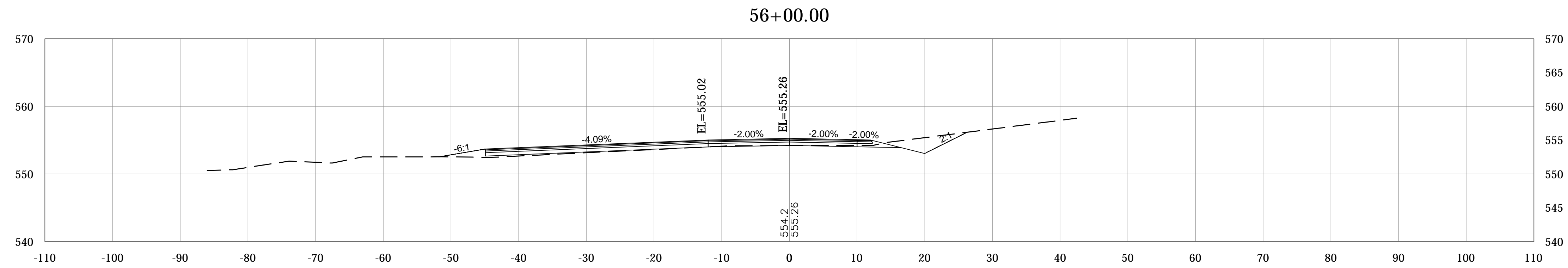
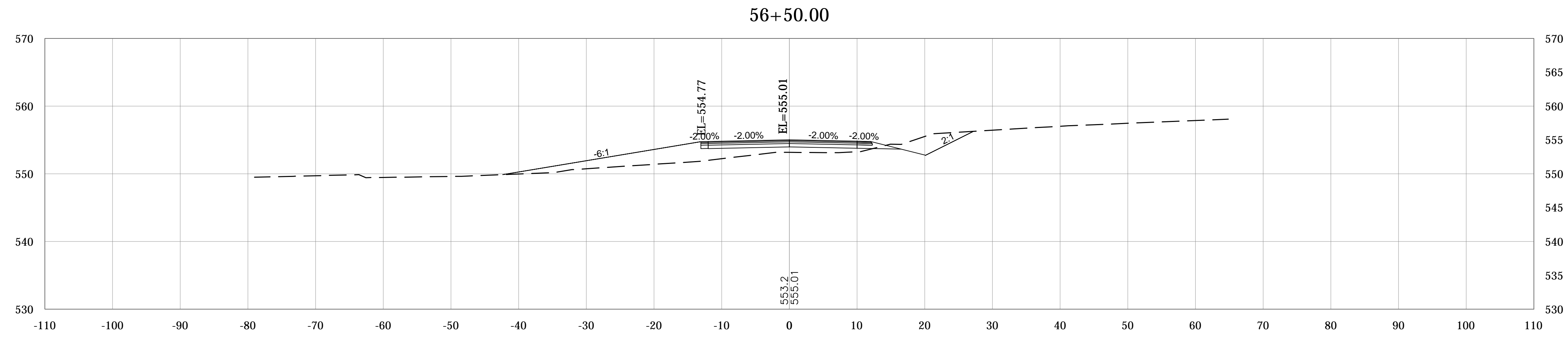
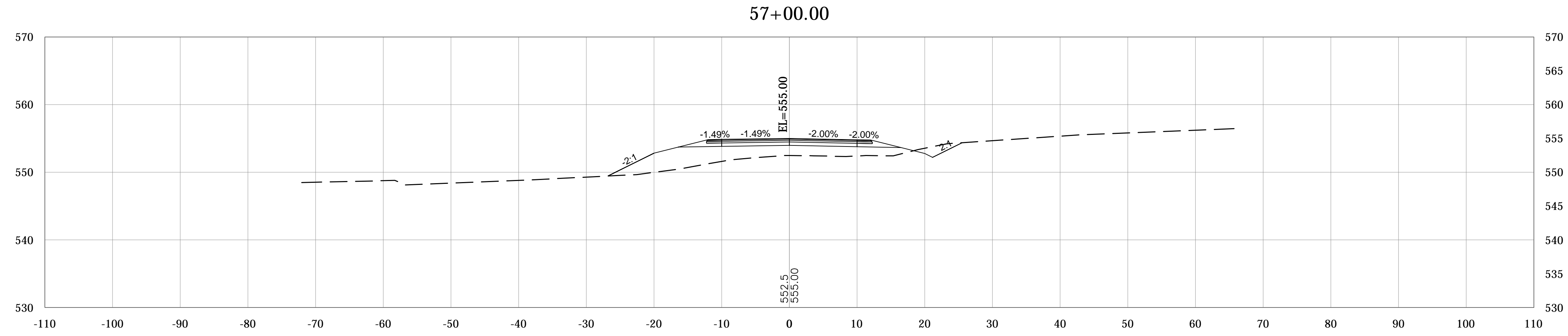
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
 CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
 MOORES CREEK ROAD
 LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	61 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:04:47 AM

FILE: RD_CORRIDOR01.DWG

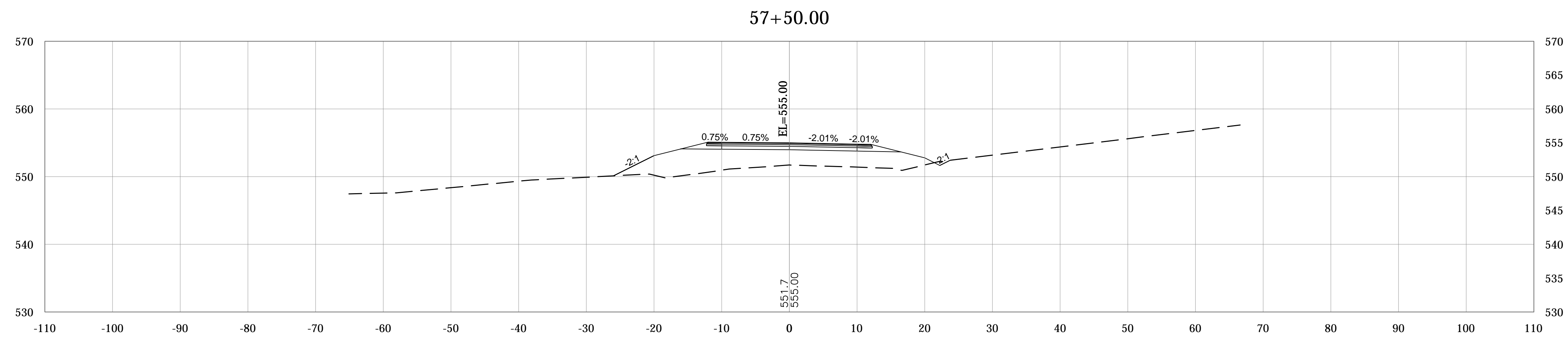
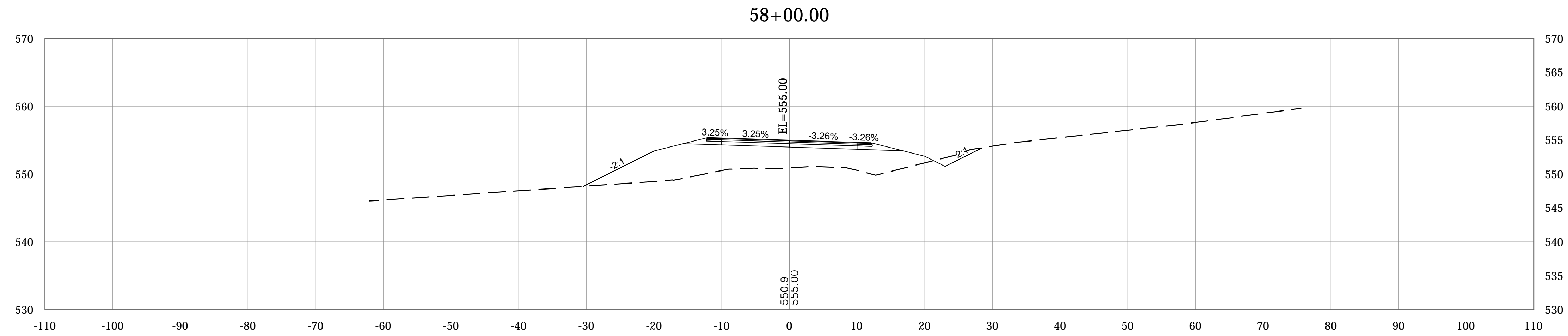
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	62 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:05:03 AM

FILE: RD_CORRIDOR01.DWG

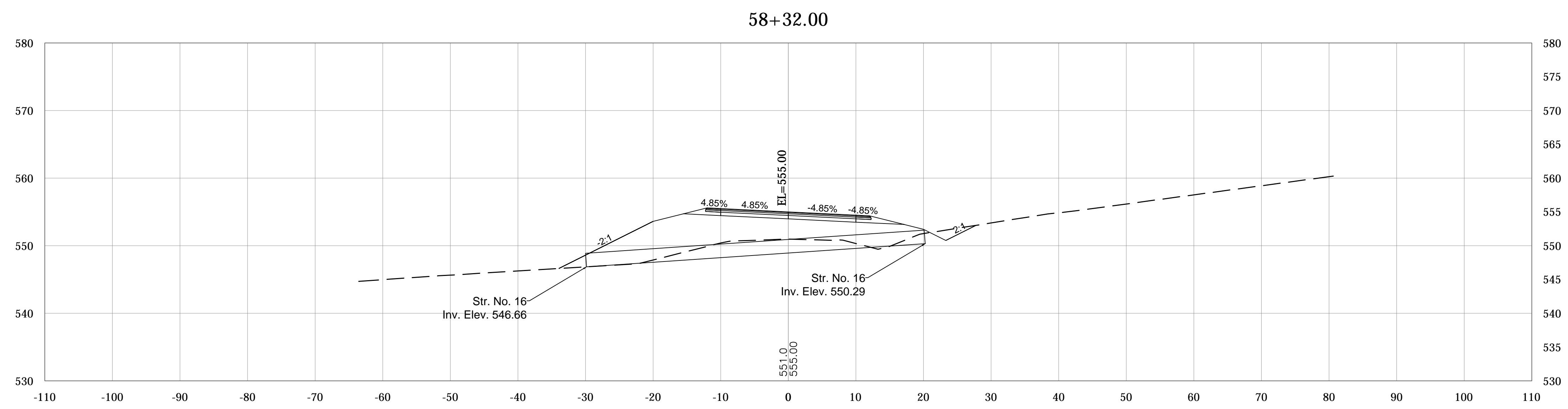
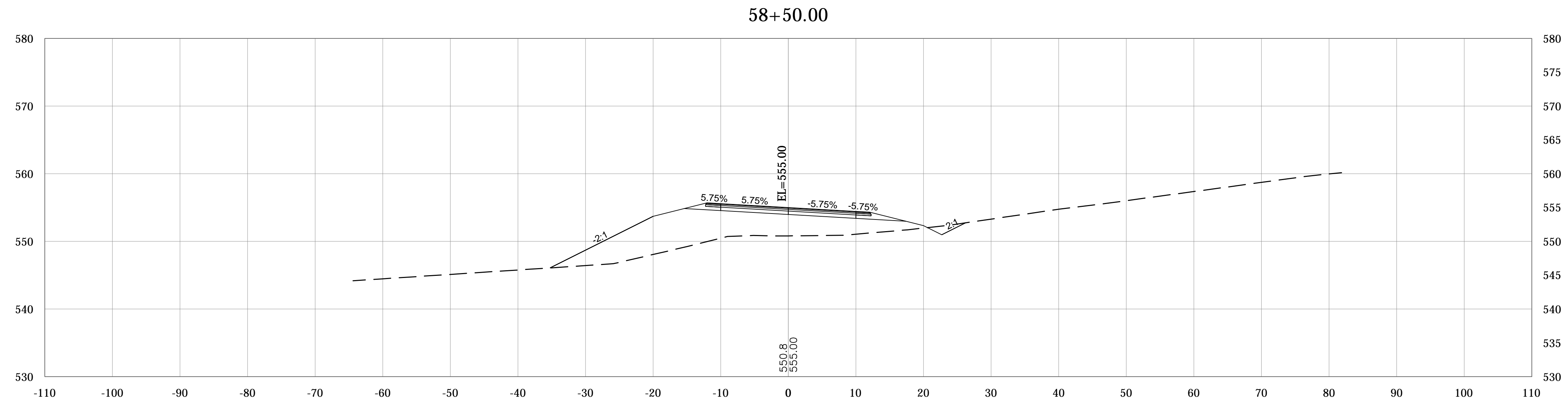
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	63 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:05:19 AM

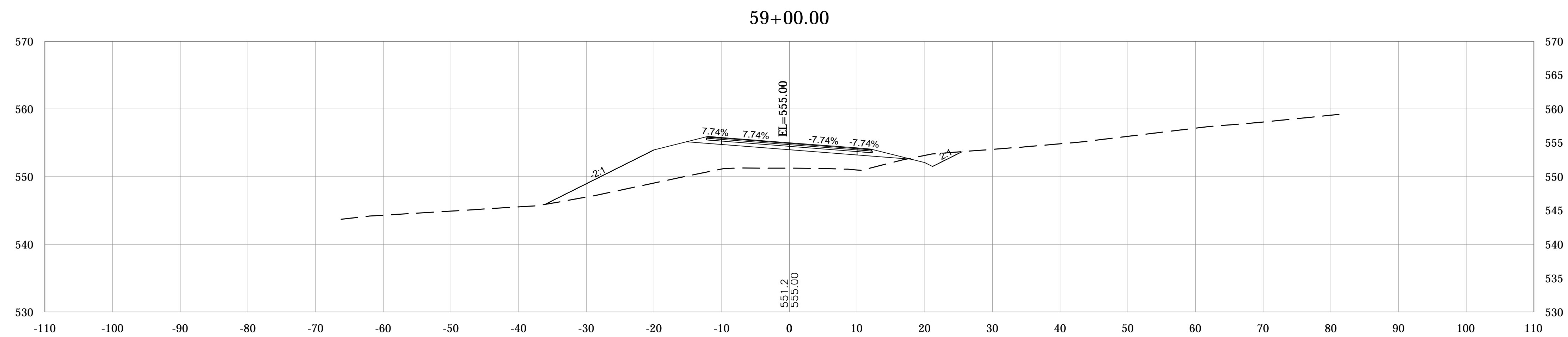
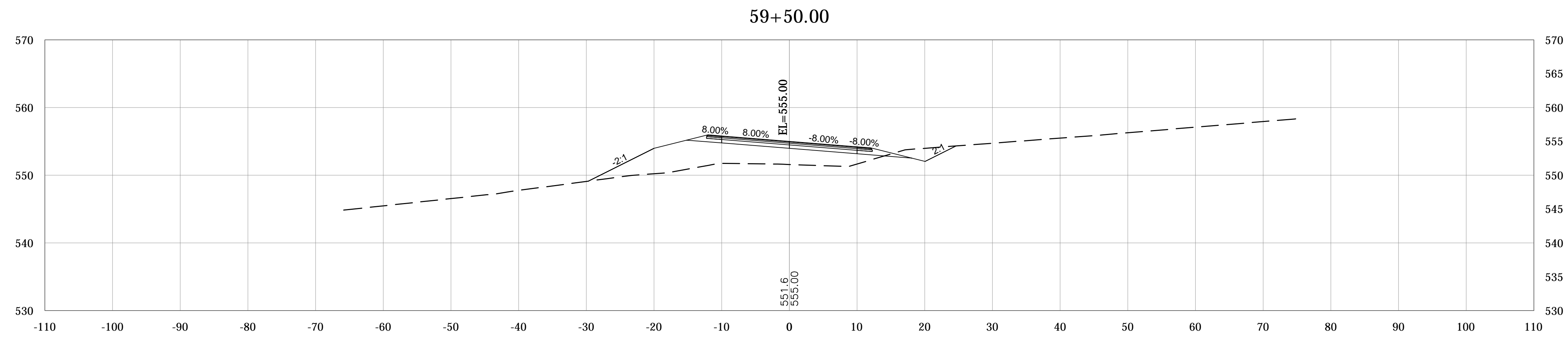
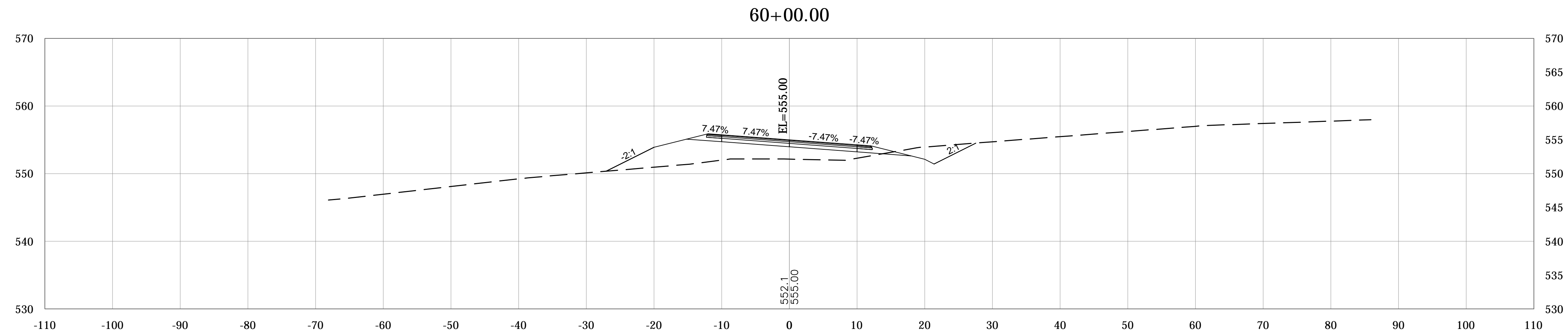
FILE: RD_CORRIDOR01.DWG

RECOMMENDED FOR APPROVAL _____	
DESIGNED: _____	DRAWN: _____
CHECKED: _____	CHECKED: _____

MONROE COUNTY, INDIANA

**CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"**

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	64 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:05:36 AM

FILE: RD_CORRIDOR01.DWG

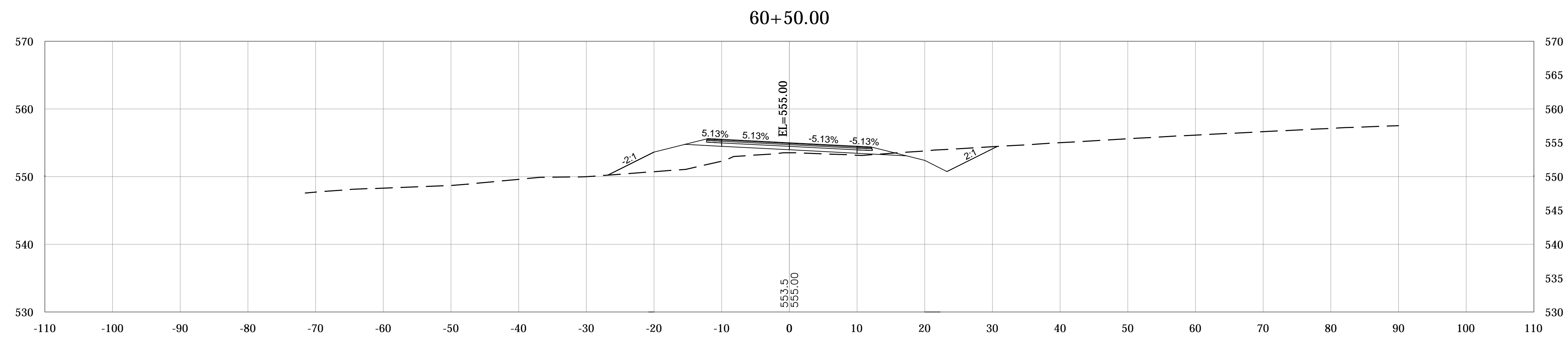
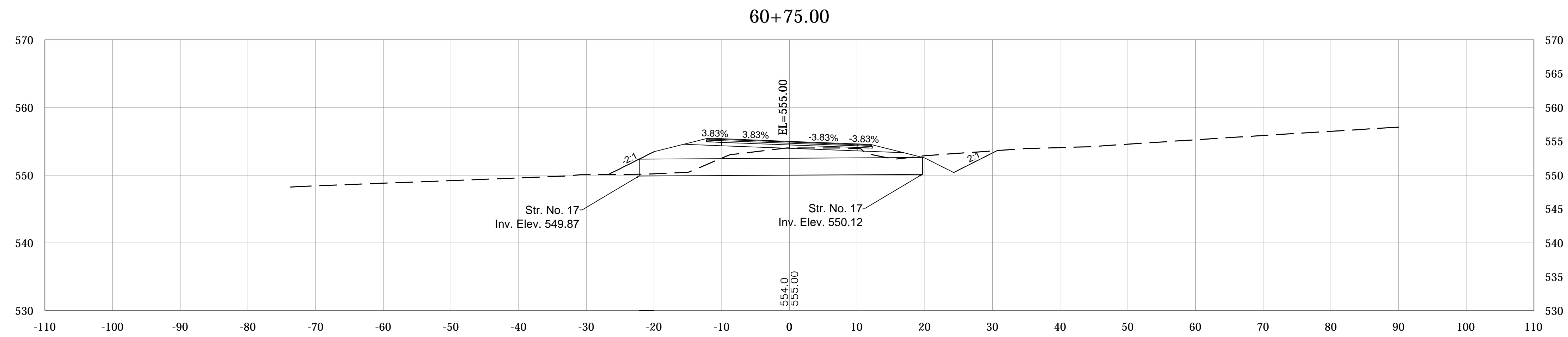
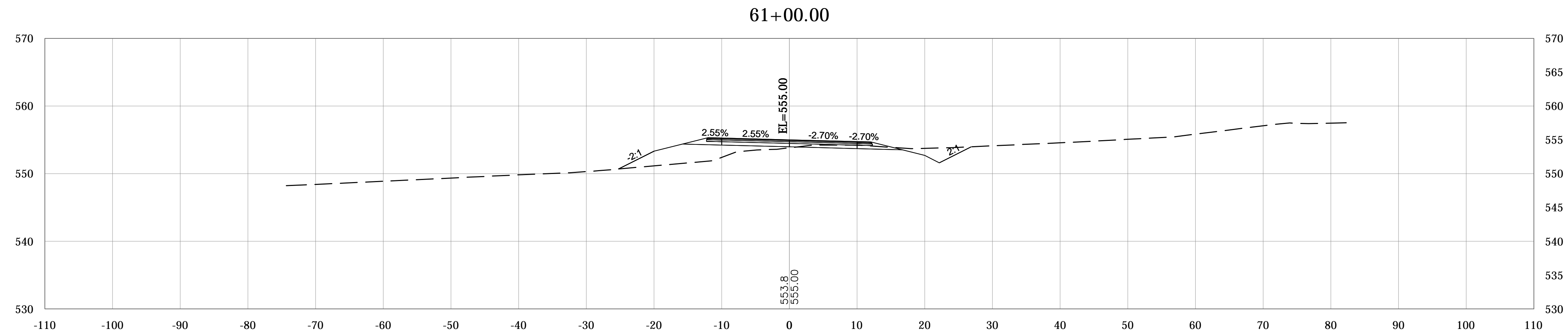
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	65 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:05:58 AM

FILE: RD_CORRIDOR01.DWG

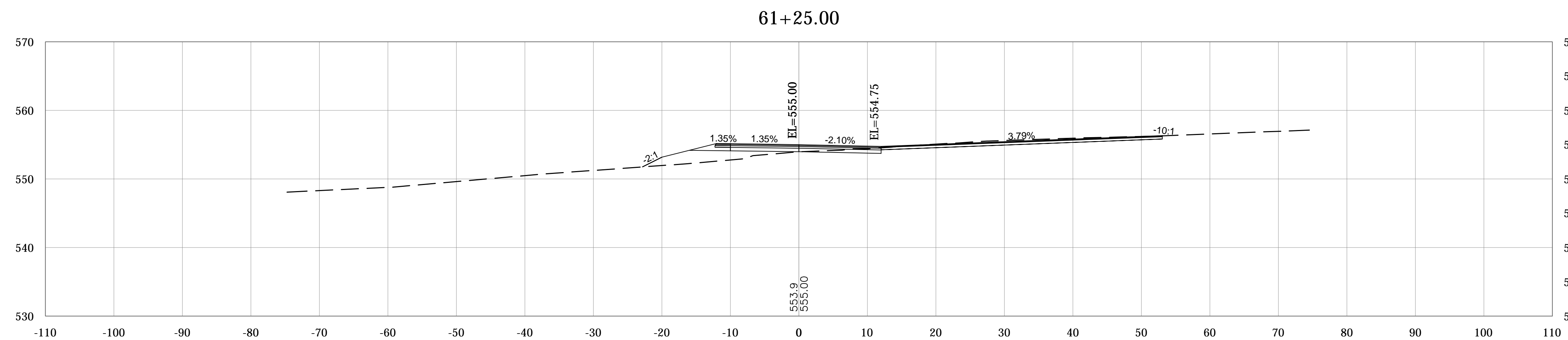
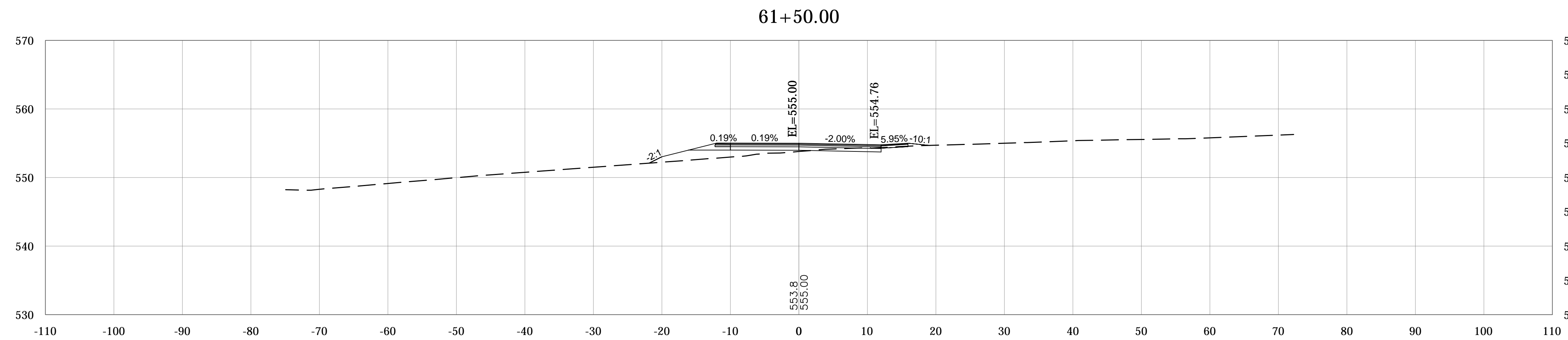
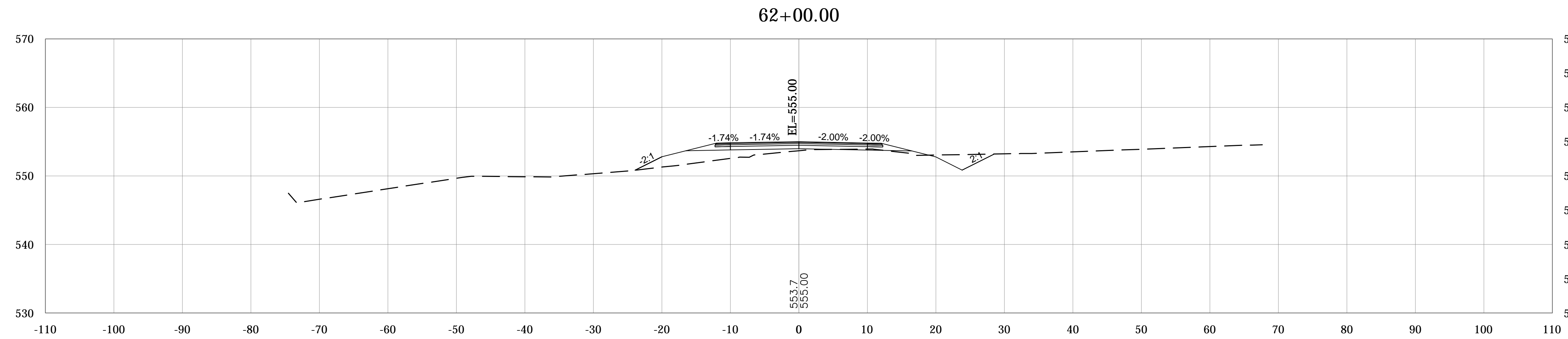
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	66 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:08:10 AM

FILE: RD_CORRIDOR01.DWG

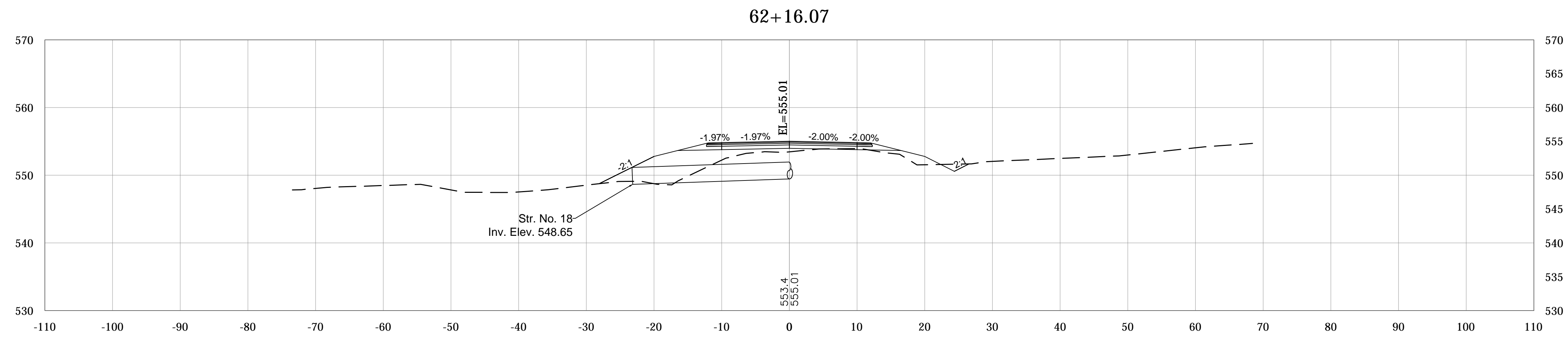
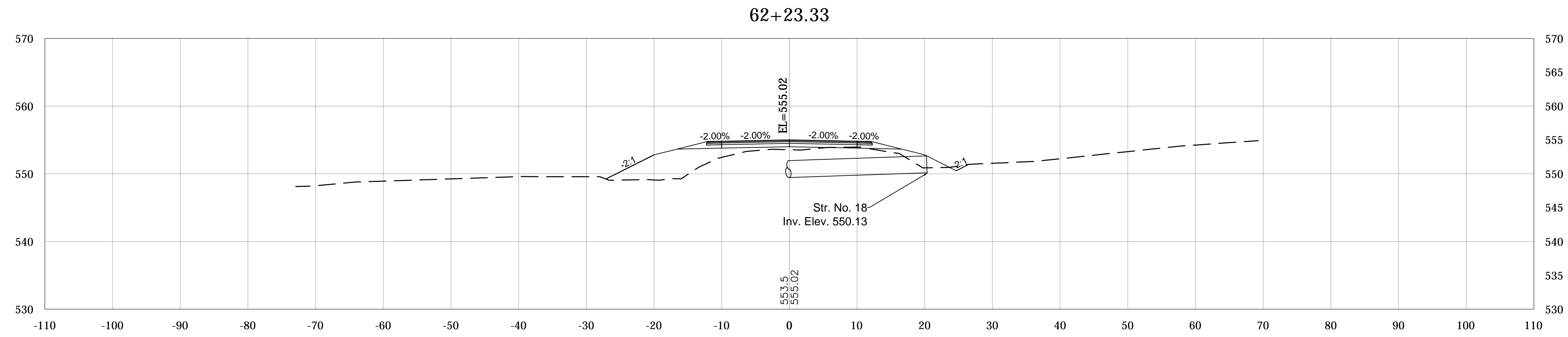
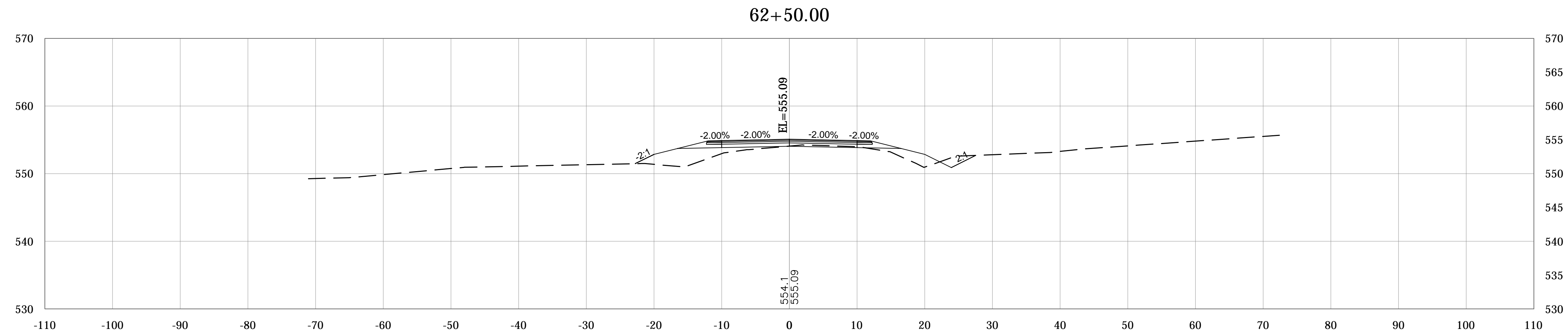
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	67 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:08:28 AM

FILE: RD_CORRIDOR01.DWG

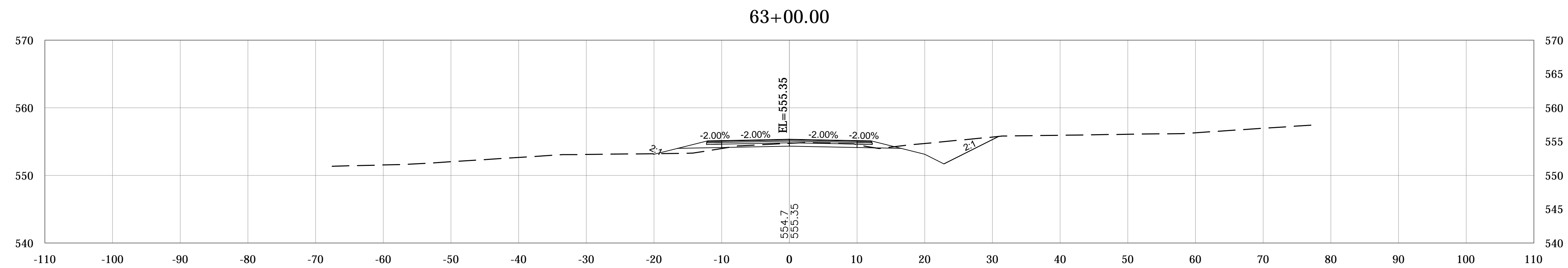
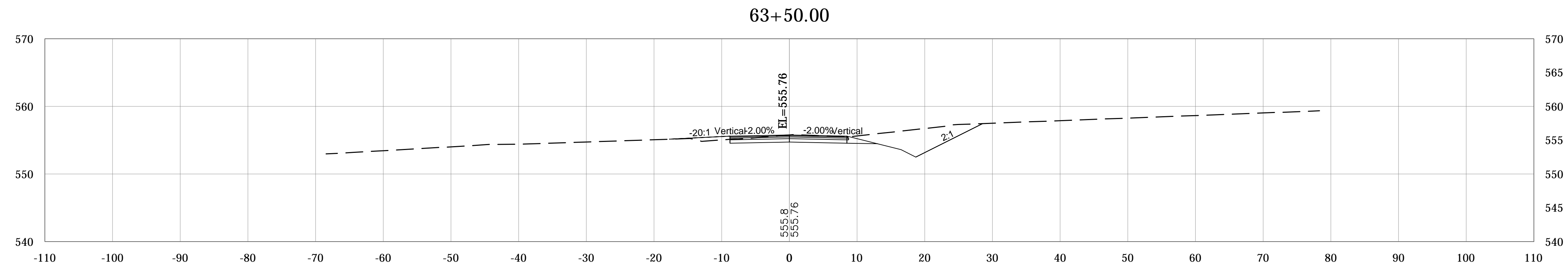
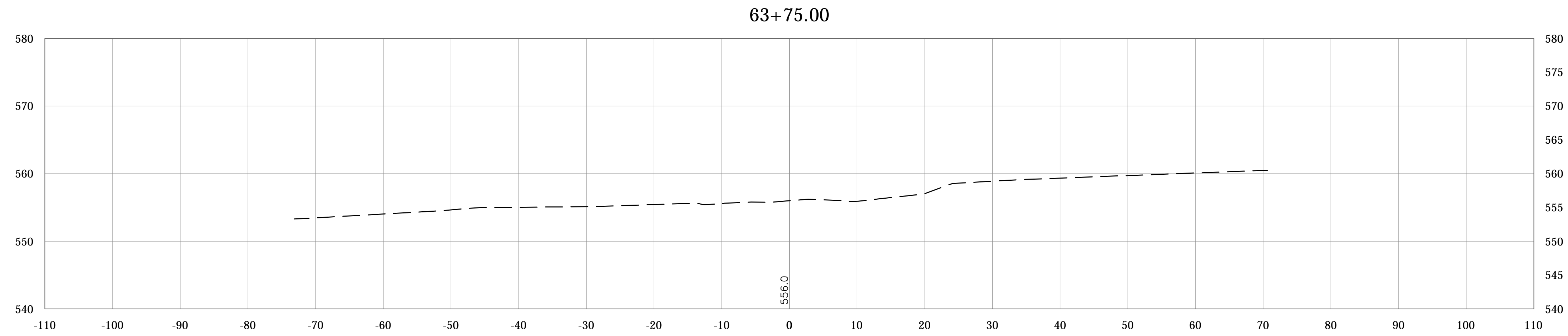
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	68 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD



PLOTTED: Friday, February 15, 2019 10:08:45 AM

FILE: RD_CORRIDOR01.DWG

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

MONROE COUNTY, INDIANA

CROSS SECTIONS
MOORES CREEK ROAD
LINE "PR-B"

SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	N/A
SURVEY BOOK	SHEETS
N/A	69 of 69
CONTRACT	PROJECT
N/A	STIPP ROAD & MOORES CREEK ROAD