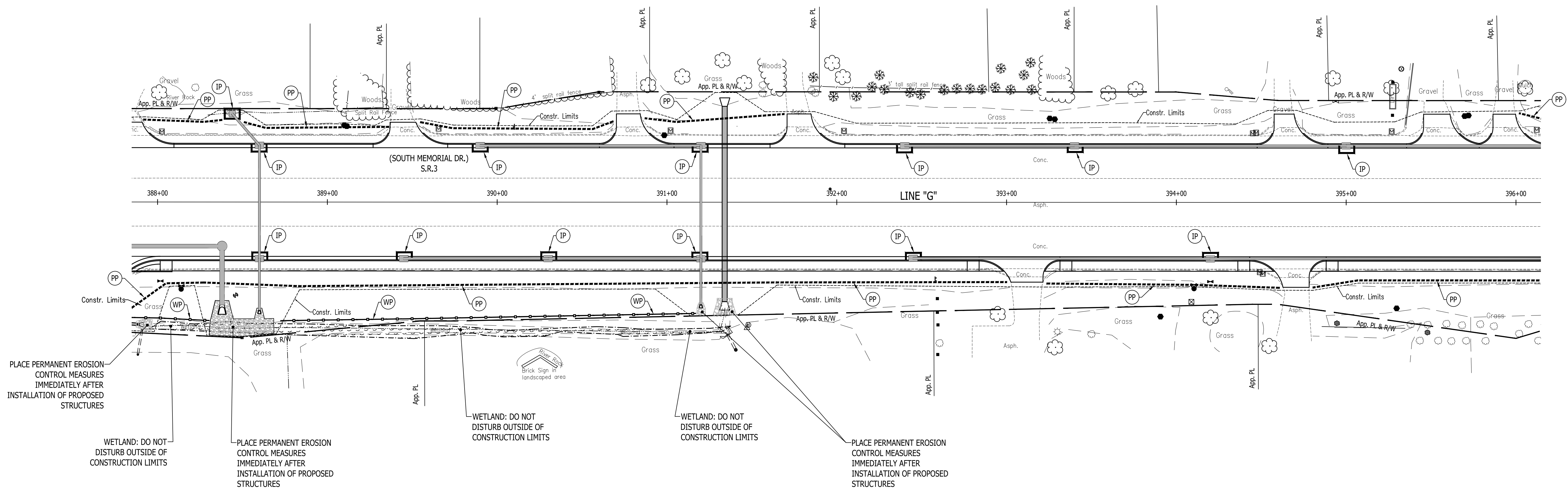


390+00

395+00



PLACE PERMANENT EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF PROPOSED STRUCTURES

WETLAND: DO NOT DISTURB OUTSIDE OF CONSTRUCTION LIMITS

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WETLAND: DO NOT DISTURB OUTSIDE OF CONSTRUCTION LIMITS

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PLACE PERMANENT EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF PROPOSED STRUCTURES

TEMPORARY EROSION CONTROL NOTES

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6. IF REQUIRED, CONTRACTOR TO DETERMINE SUITABLE LOCATIONS FOR CONSTRUCTION ENTRANCES.

LEGEND

	TEMPORARY INLET PROTECTION
	PERIMETER PROTECTION
	WETLAND AND STREAM PROTECTION FENCE

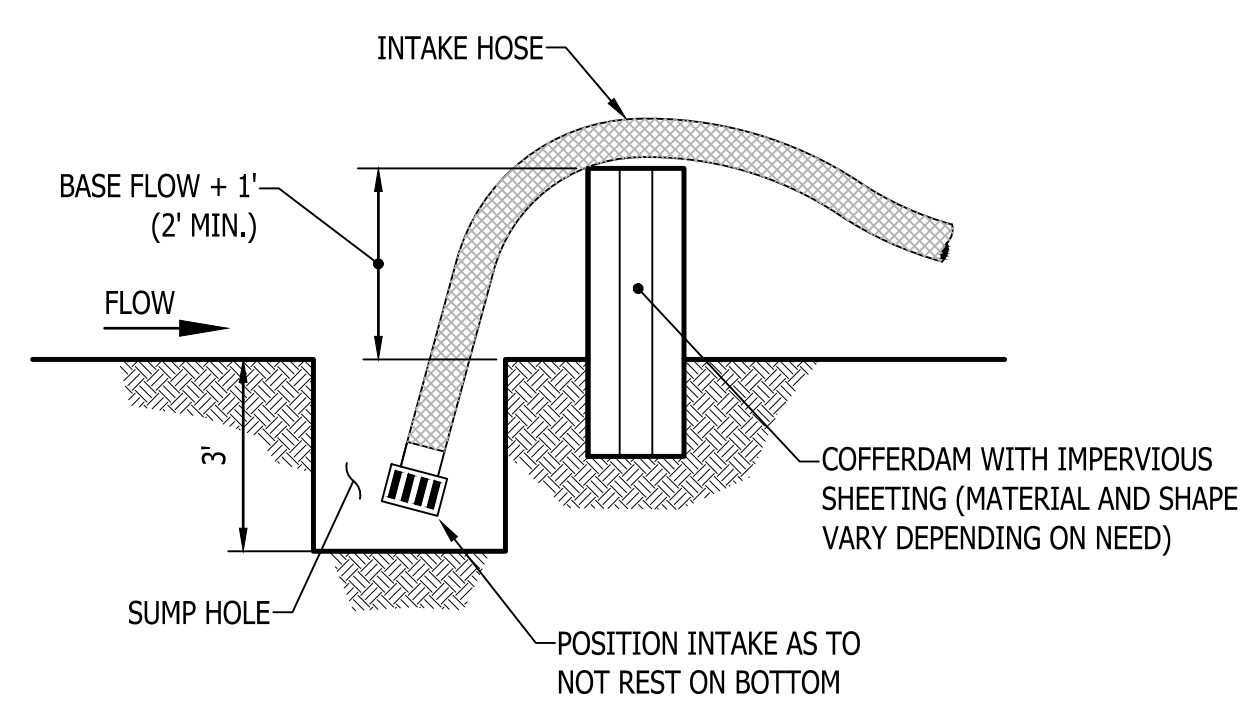
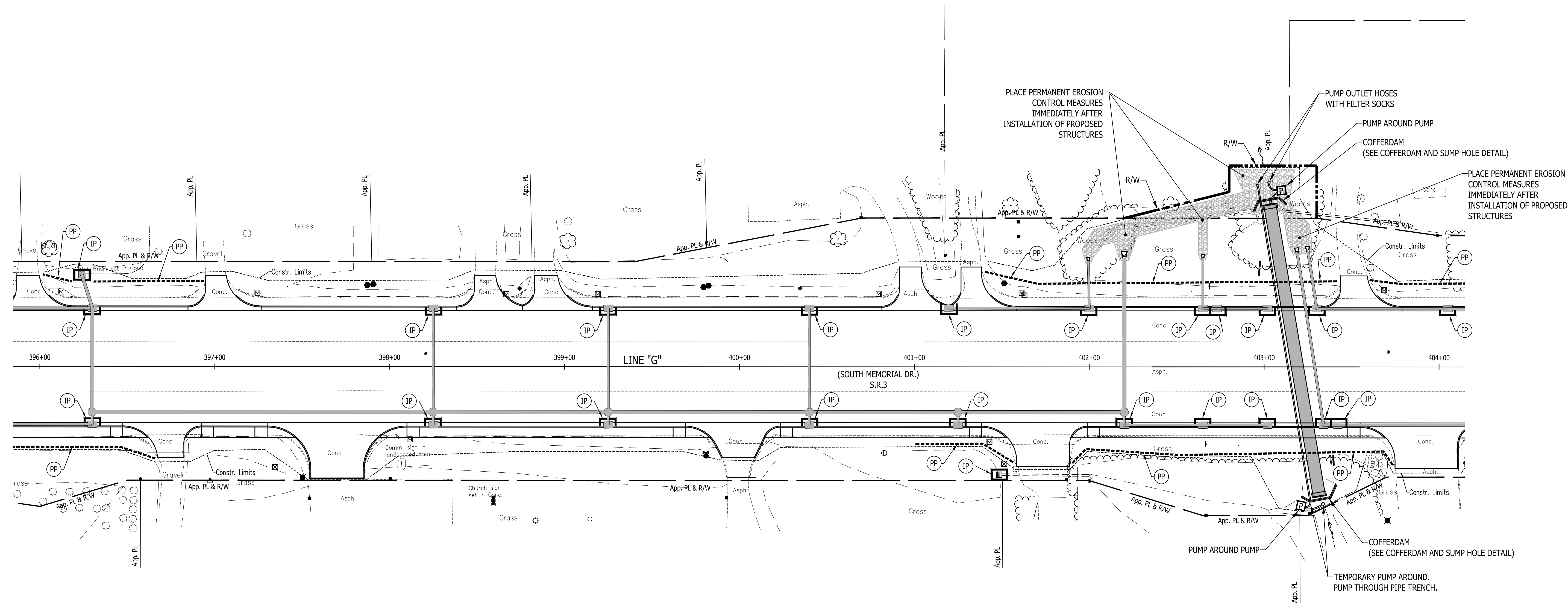
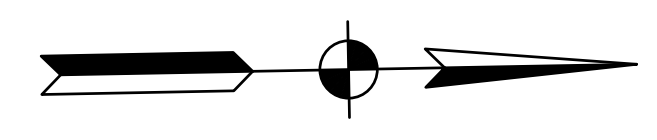
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: J.P.H.	DRAWN: J.P.H.	
CHECKED: J.L.B.	CHECKED: J.L.B.	

INDIANA
DEPARTMENT OF TRANSPORTATION

S.R. 3 - EROSION AND SEDIMENT CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	90 of 227
CONTRACT	PROJECT
R-39270	1593230

400+00



COFFERDAM AND SUMP HOLE DETAIL

TEMPORARY EROSION CONTROL NOTES

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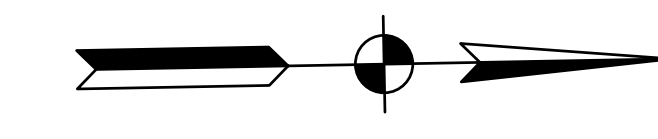
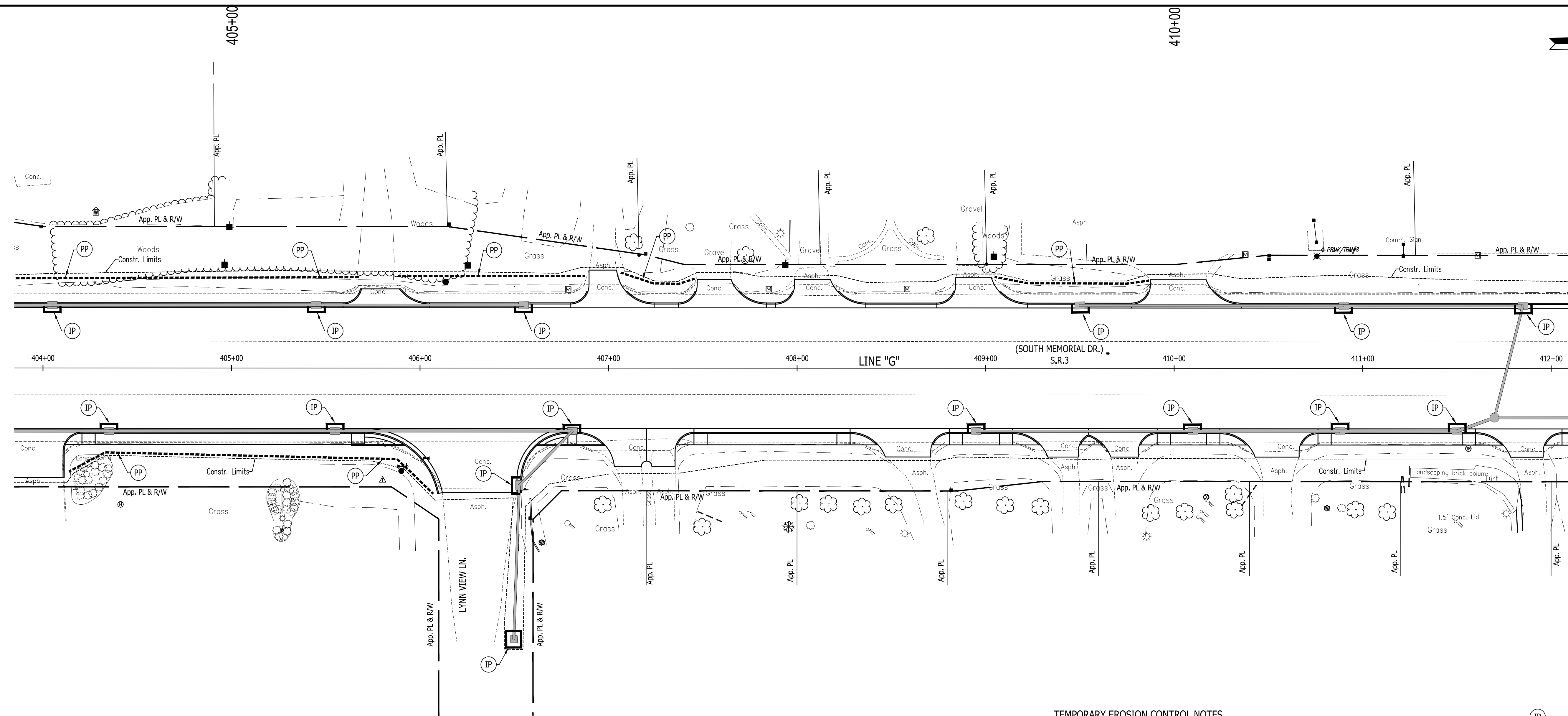
	TEMPORARY INLET PROTECTION
	PERIMETER PROTECTION
	WETLAND AND STREAM PROTECTION FENCE
	PUMP AROUND PUMP

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DESIGNED: J.P.H.	DRAWN: J.P.H.	
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**INDIANA
DEPARTMENT OF TRANSPORTATION**

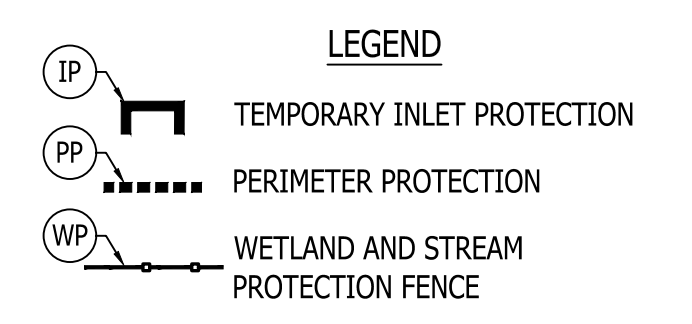
**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

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VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 91 of 227
CONTRACT R-39270	PROJECT 1593230



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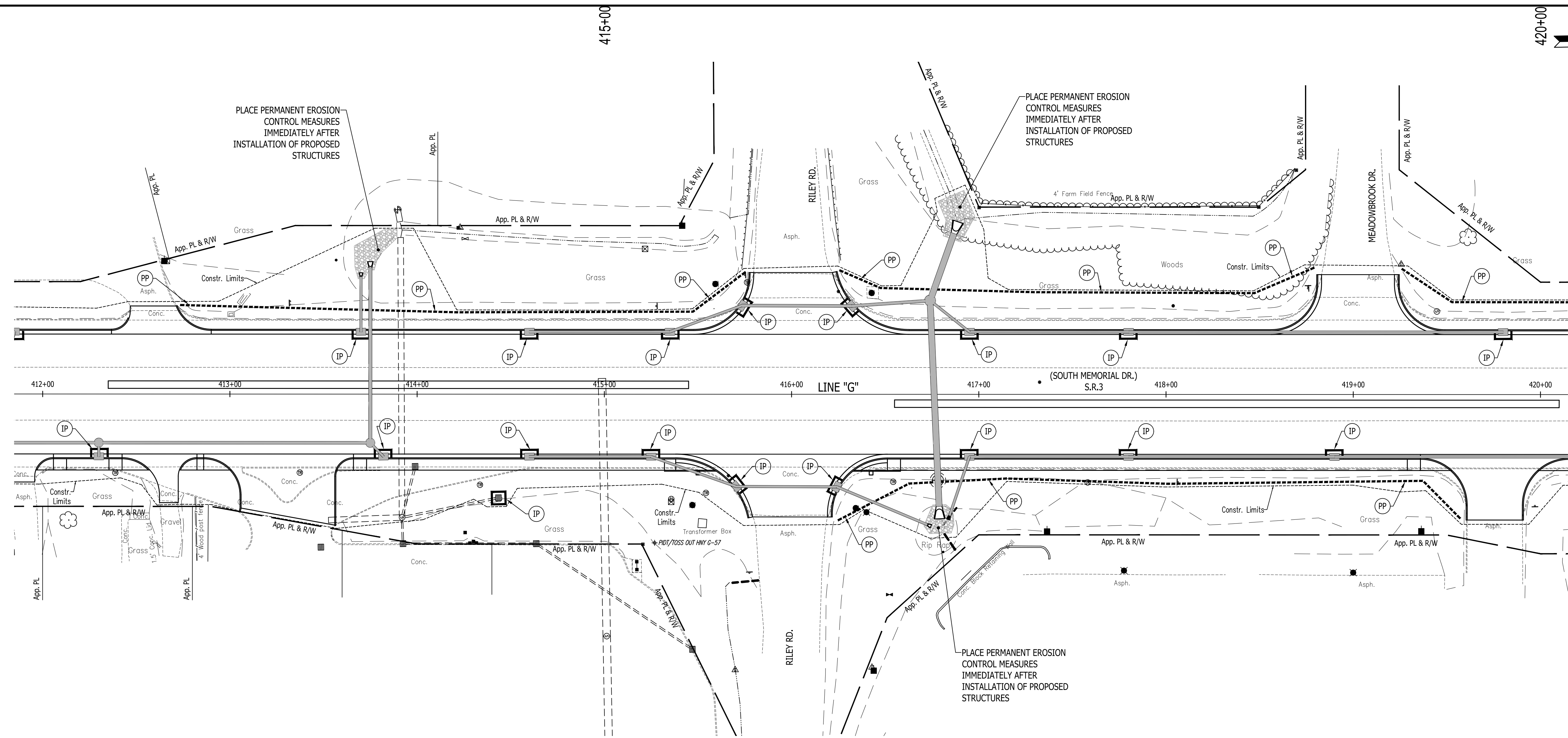


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**INDIANA
DEPARTMENT OF TRANSPORTATION**

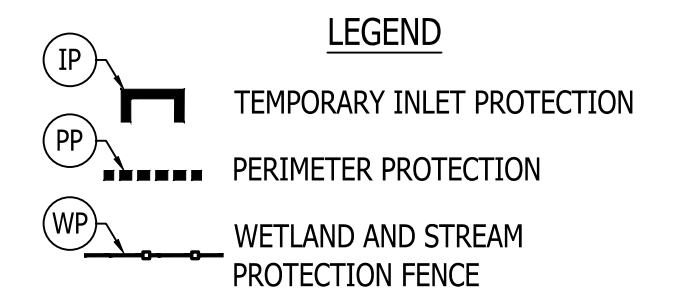
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CONTROL**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 92 of 227
CONTRACT R-39270	PROJECT 1593230



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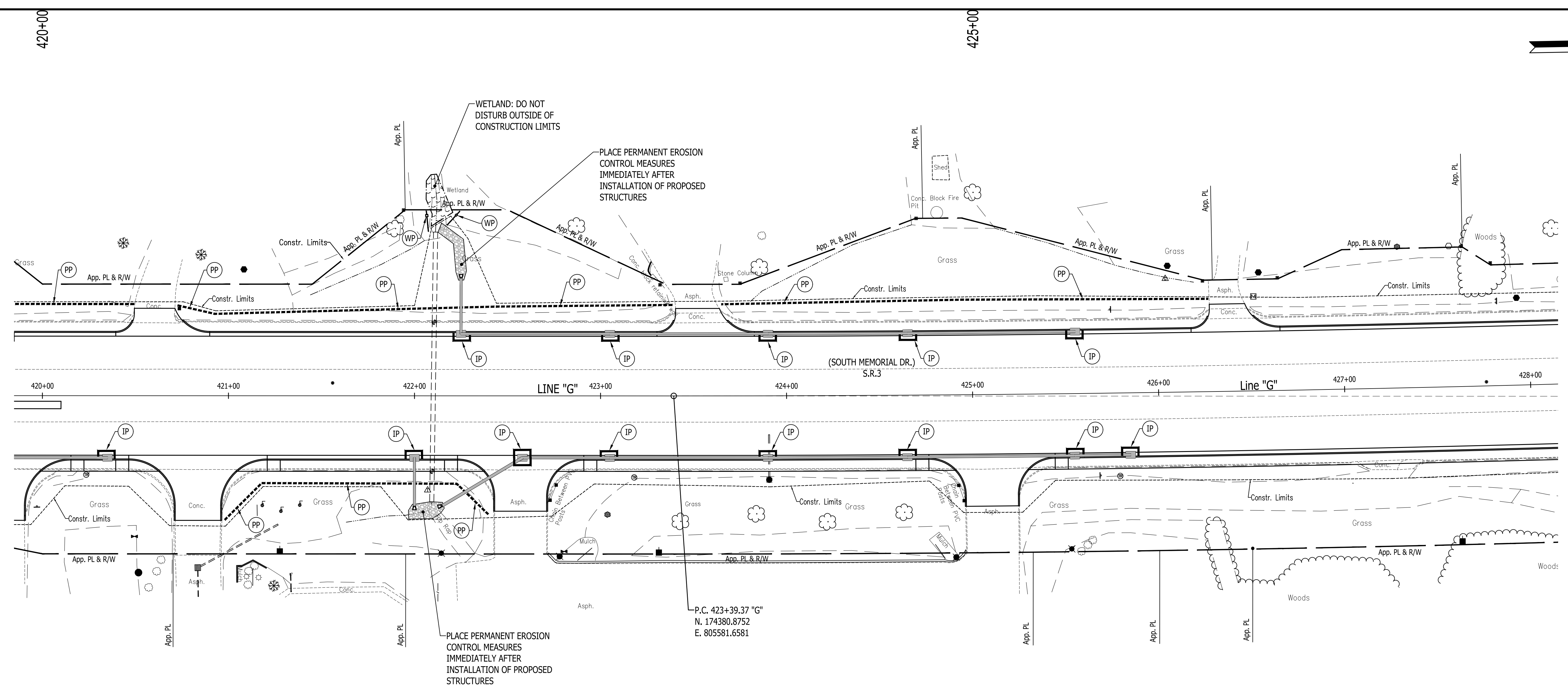


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**INDIANA
DEPARTMENT OF TRANSPORTATION**

**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	93 of 227
CONTRACT	PROJECT
R-39270	1593230



WETLAND: DO NOT DISTURB OUTSIDE OF CONSTRUCTION LIMITS

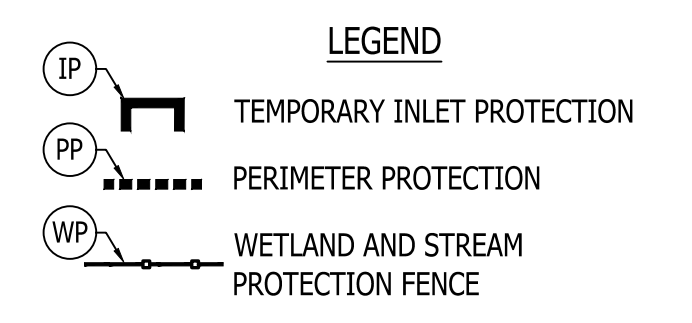
PLACE PERMANENT EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF PROPOSED STRUCTURES

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P.C. 423+39.37 "G"
N. 174380.8752
E. 805581.6581

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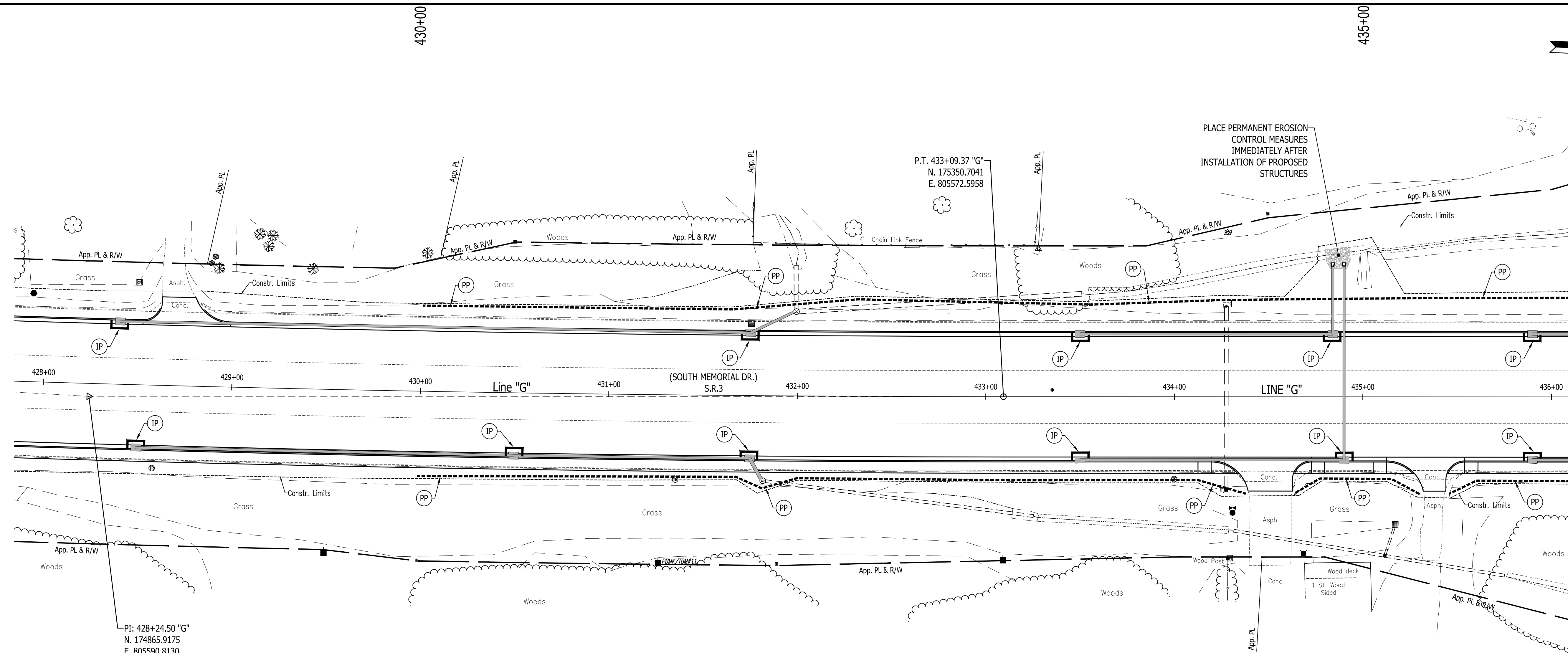


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**INDIANA
DEPARTMENT OF TRANSPORTATION**

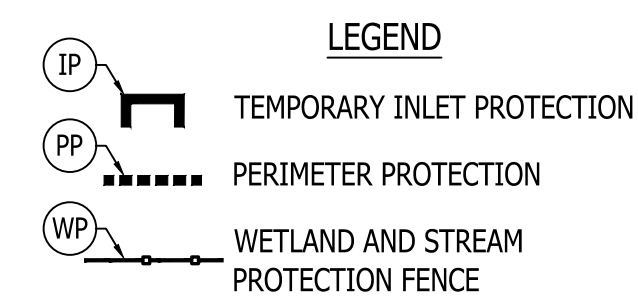
**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	94 of 227
CONTRACT	PROJECT
R-39270	1593230



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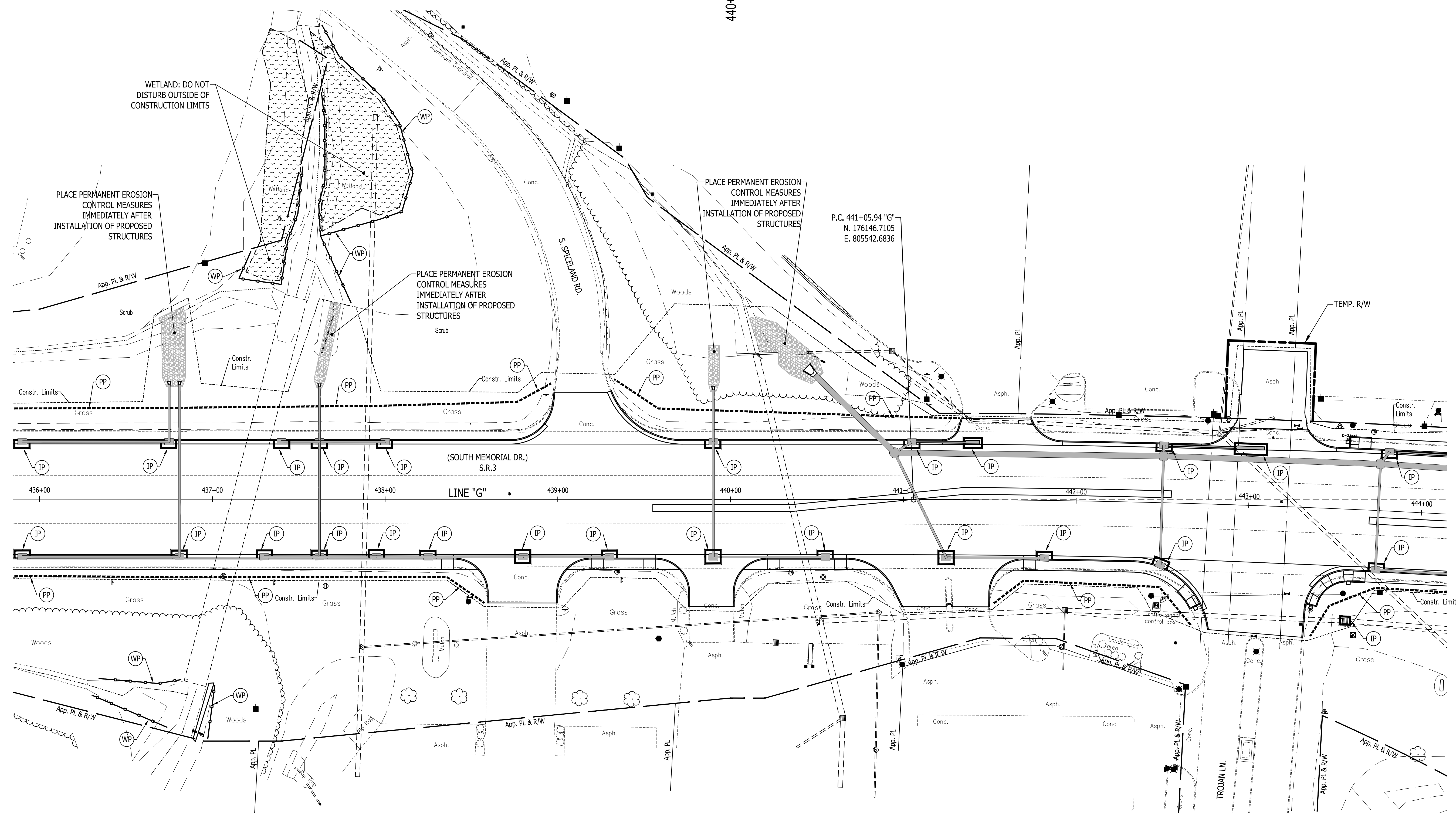
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INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 - EROSION AND SEDIMENT CONTROL

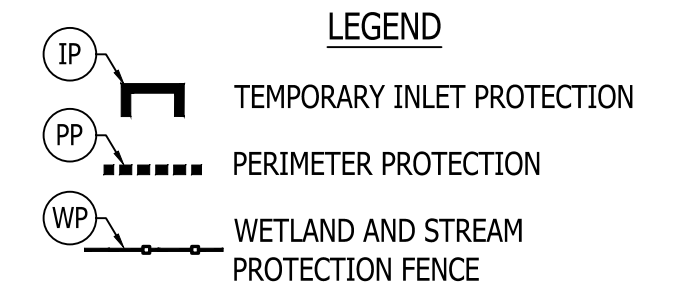
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
N/A	95 of 227
CONTRACT	PROJECT
R-39270	1593230

440+00



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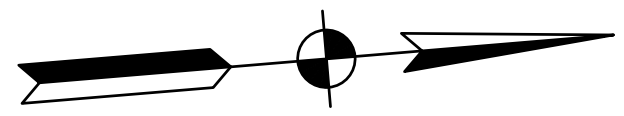
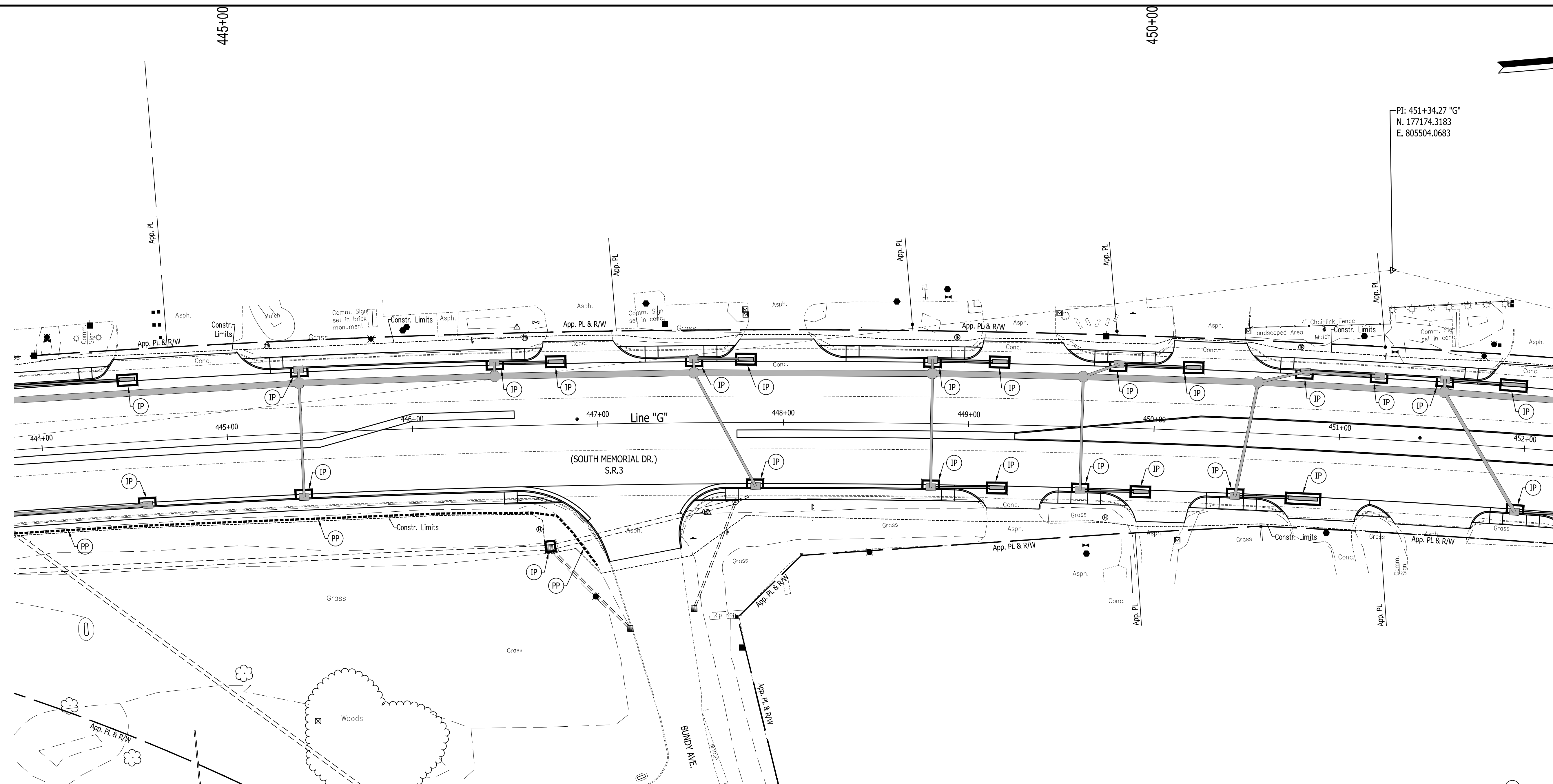


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**INDIANA
DEPARTMENT OF TRANSPORTATION**

**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 96 of 227
CONTRACT R-39270	PROJECT 1593230



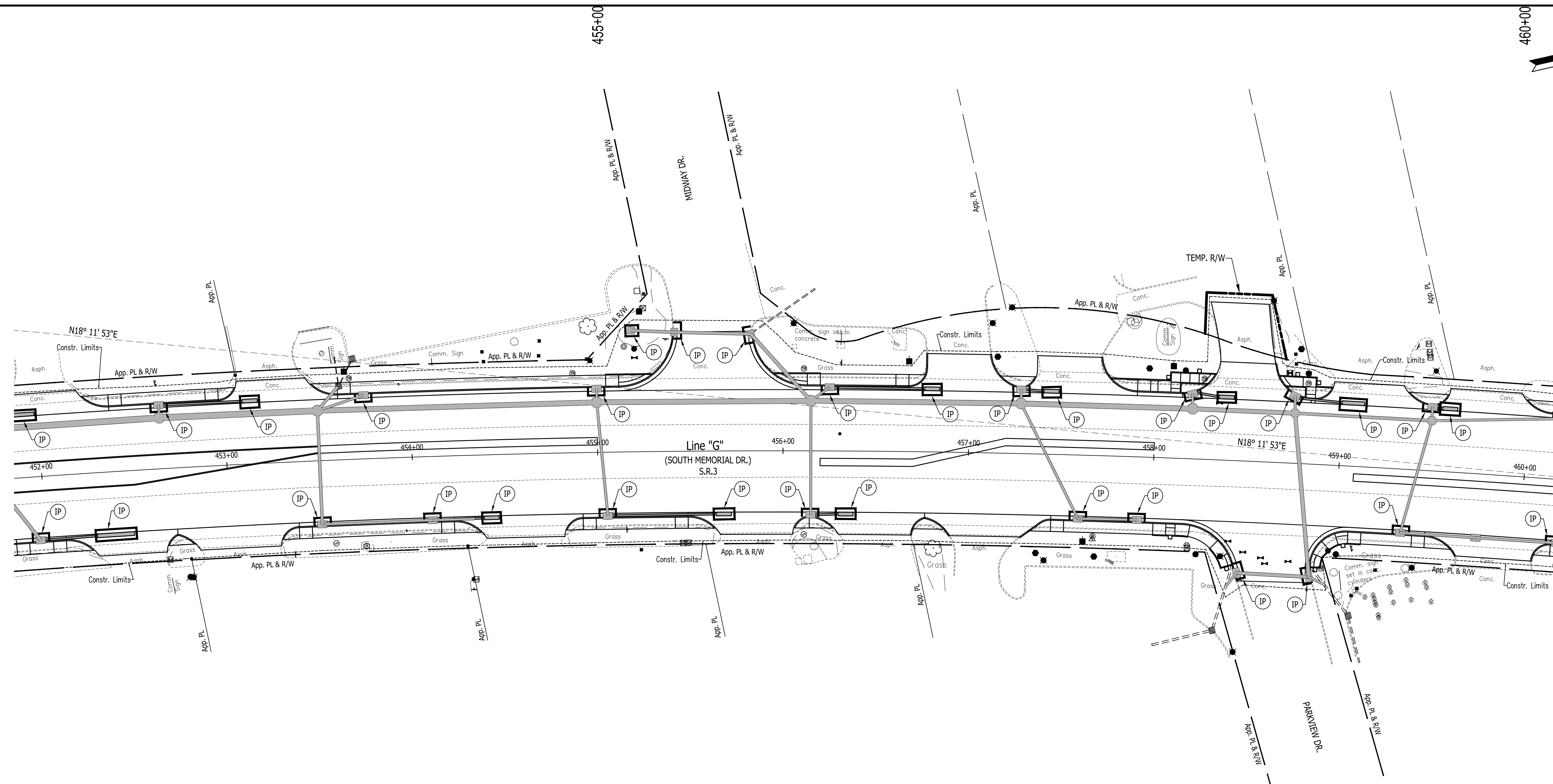
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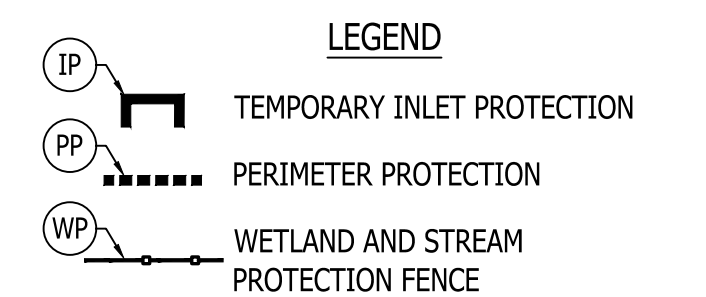
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	PERIMETER PROTECTION
	WETLAND AND STREAM PROTECTION FENCE

	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION S.R. 3 - EROSION AND SEDIMENT CONTROL	HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
	DESIGNED: J.P.H.	DRAWN: J.P.H.		VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
	CHECKED: J.L.B.	CHECKED: J.L.B.		SURVEY BOOK N/A	SHEETS 97 of 227
				CONTRACT R-39270	PROJECT 1593230



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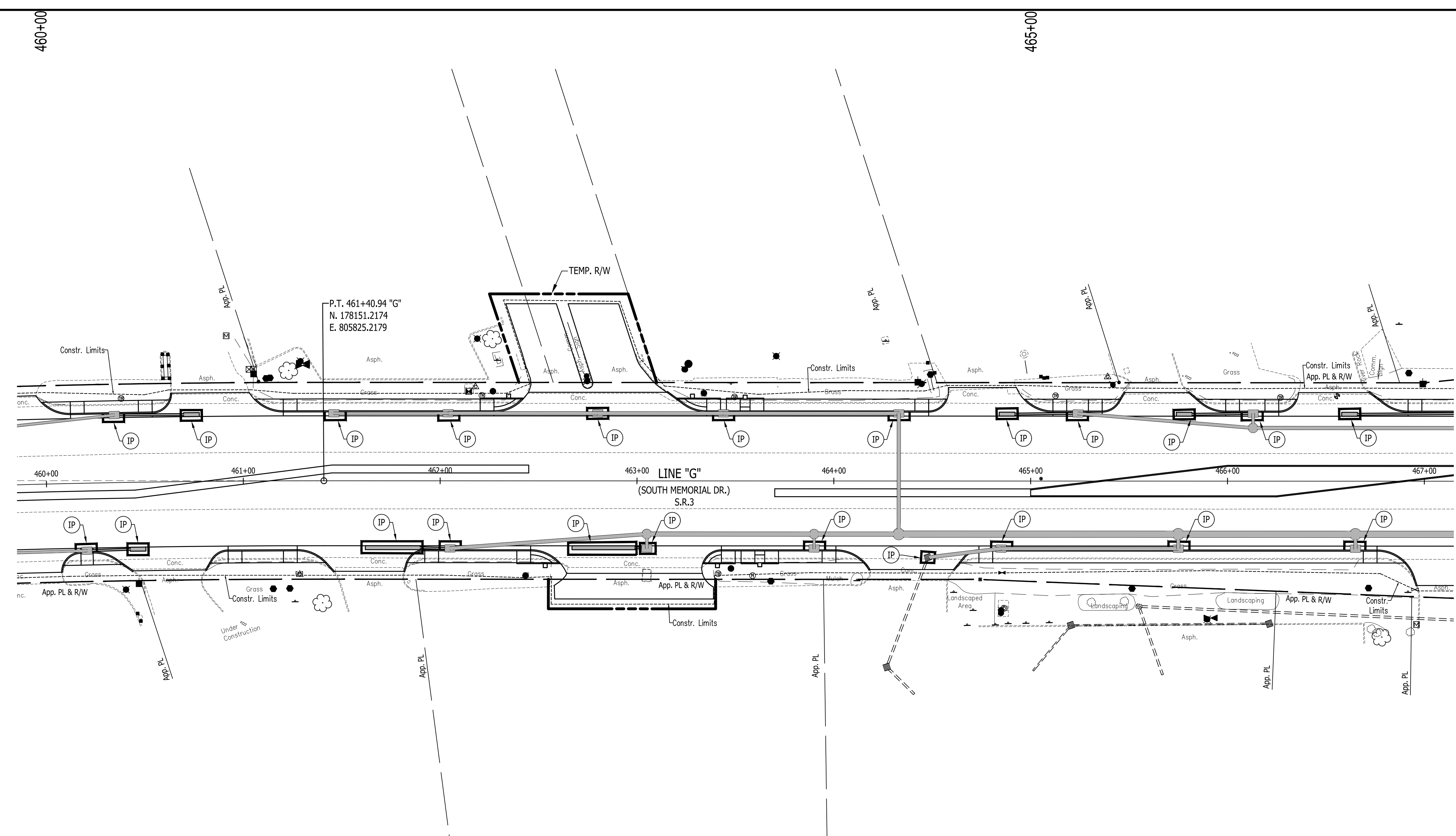
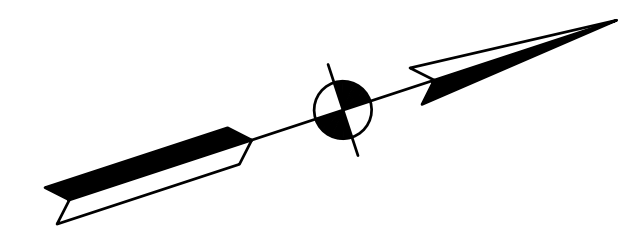


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INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 - EROSION AND SEDIMENT CONTROL

HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
N/A	98 of 227
CONTRACT	PROJECT
R-39270	1593230



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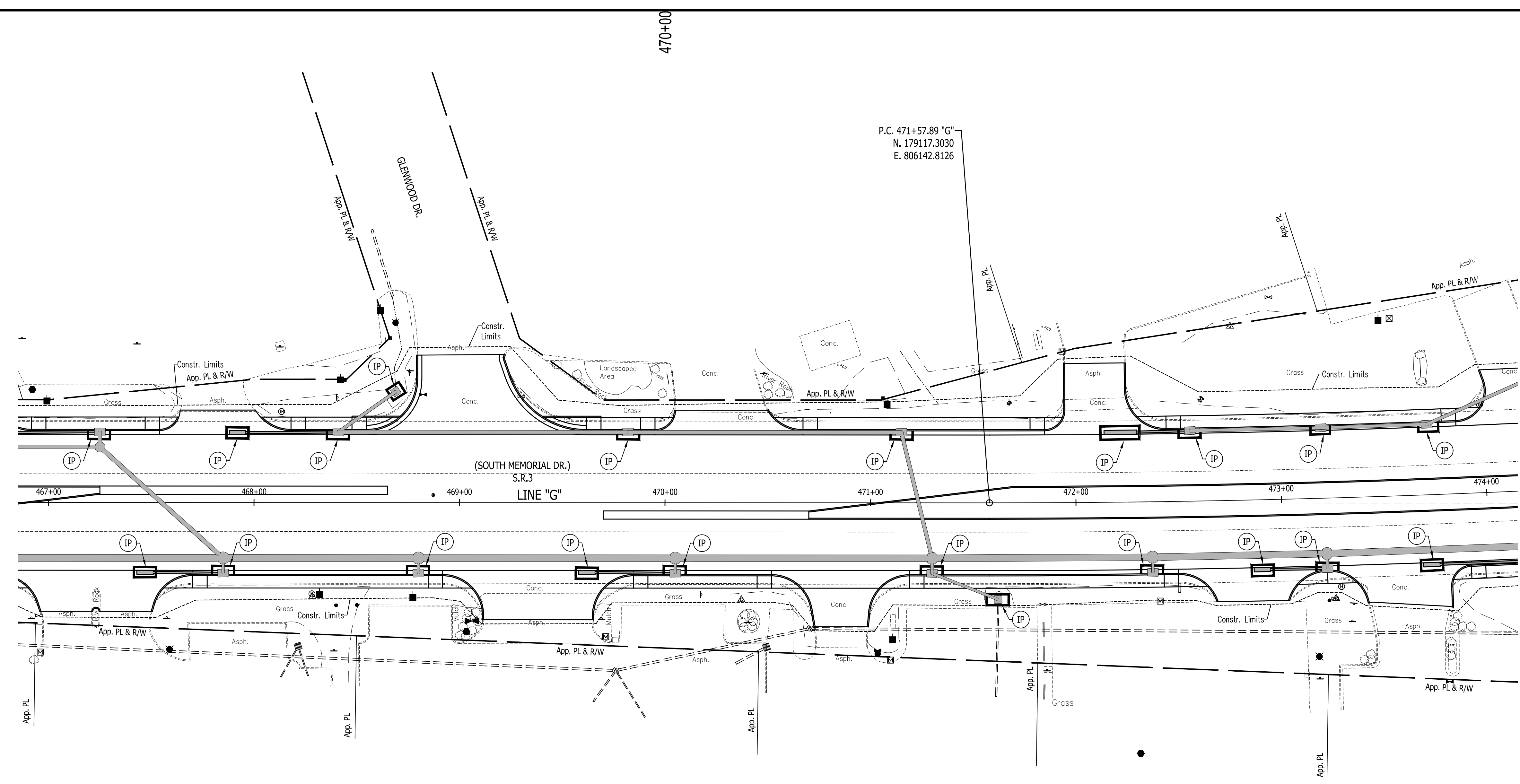
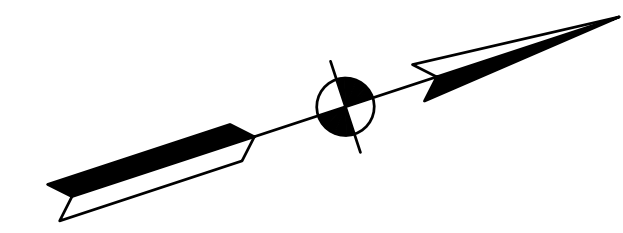
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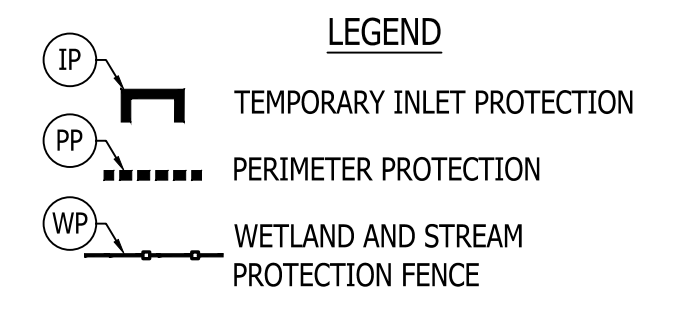
**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 99 of 227
CONTRACT R-39270	PROJECT 1593230

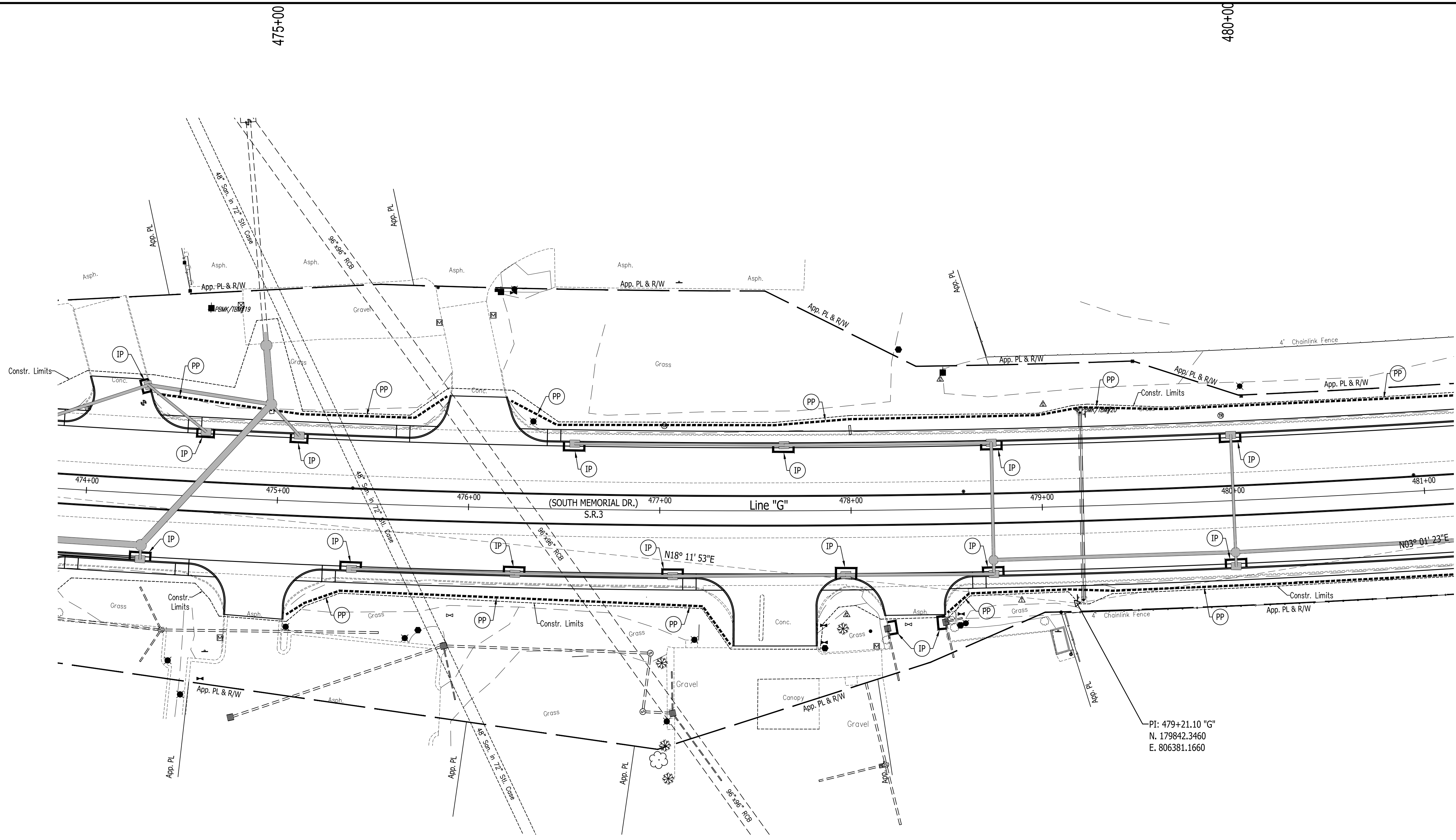
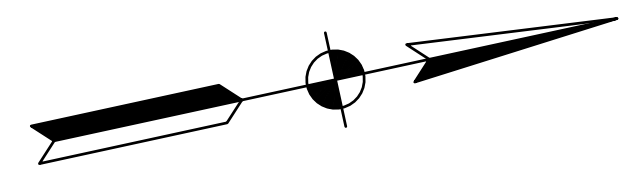


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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION S.R. 3 - EROSION AND SEDIMENT CONTROL	HORIZONTAL SCALE 1" = 30' BRIDGE FILE N/A
	DESIGNED: J.P.H. DRAWN: J.P.H. CHECKED: J.L.B. CHECKED: J.L.B.		VERTICAL SCALE 1" = 10' DESIGNATION 1593230
			SURVEY BOOK N/A SHEETS 100 of 227
			CONTRACT R-39270 PROJECT 1593230



TEMPORARY EROSION CONTROL NOTES

1. PERIMETER PROTECTION SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AS SHOWN ON THE PLANS AND IN LOCATIONS IDENTIFIED IN THE FIELD AS SUSCEPTIBLE TO OVERLAND TRANSPORT OF ERODED SEDIMENT.
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LEGEND

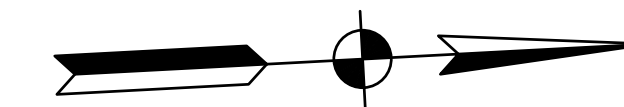
	TEMPORARY INLET PROTECTION
	PERIMETER PROTECTION
	WETLAND AND STREAM PROTECTION FENCE

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: J.P.H.	DRAWN: J.P.H.	
CHECKED: J.L.B.	CHECKED: J.L.B.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

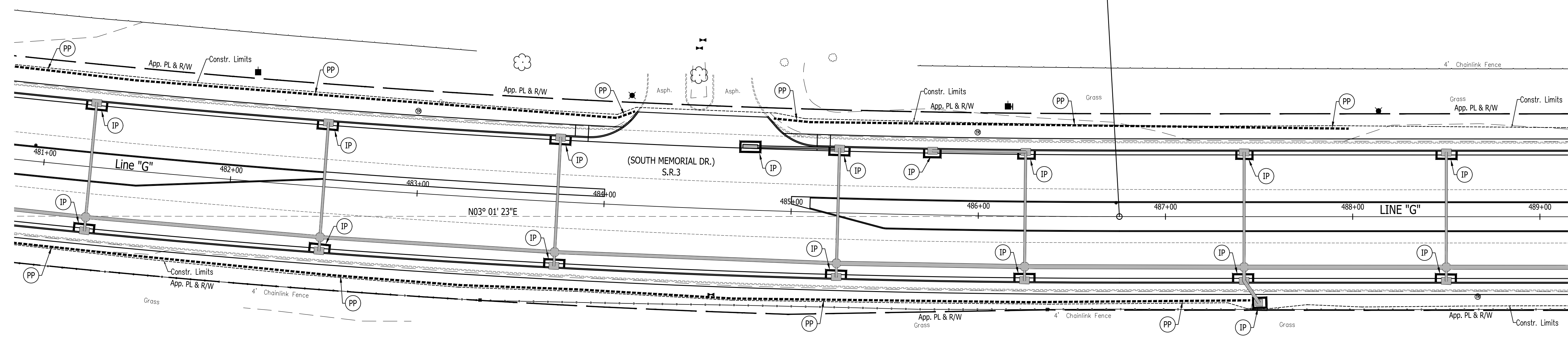
**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 101 of 227
CONTRACT R-39270	PROJECT 1593230



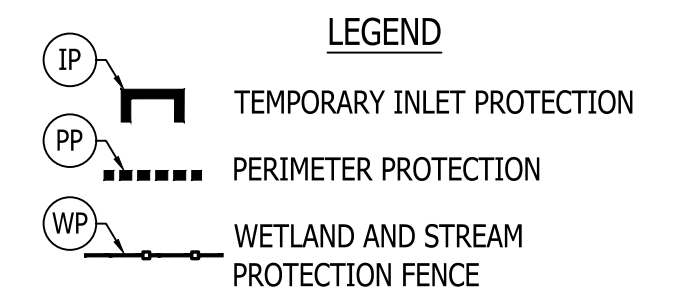
485+00

P.T. 486+75.39 "G"
N. 180604.5007
E. 806421.4151



TEMPORARY EROSION CONTROL NOTES

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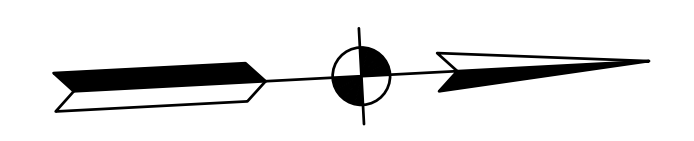
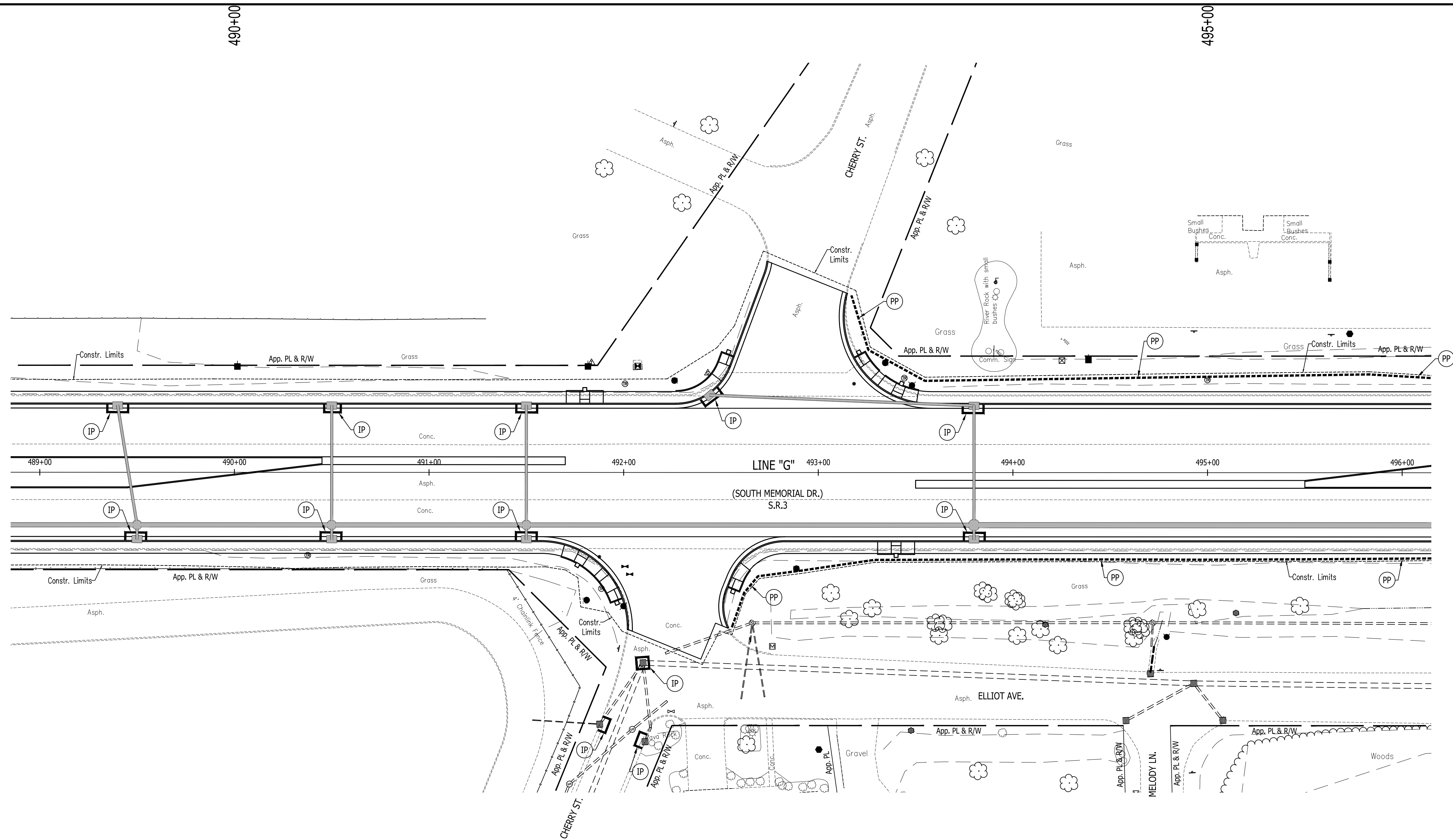


RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: J.P.H.	DRAWN: J.P.H.		
CHECKED: J.L.B.	CHECKED: J.L.B.		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 102 of 227
CONTRACT R-39270	PROJECT 1593230



TEMPORARY EROSION CONTROL NOTES

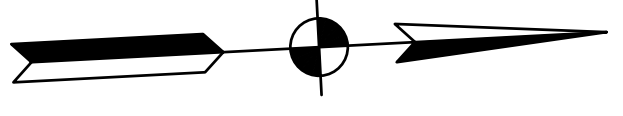
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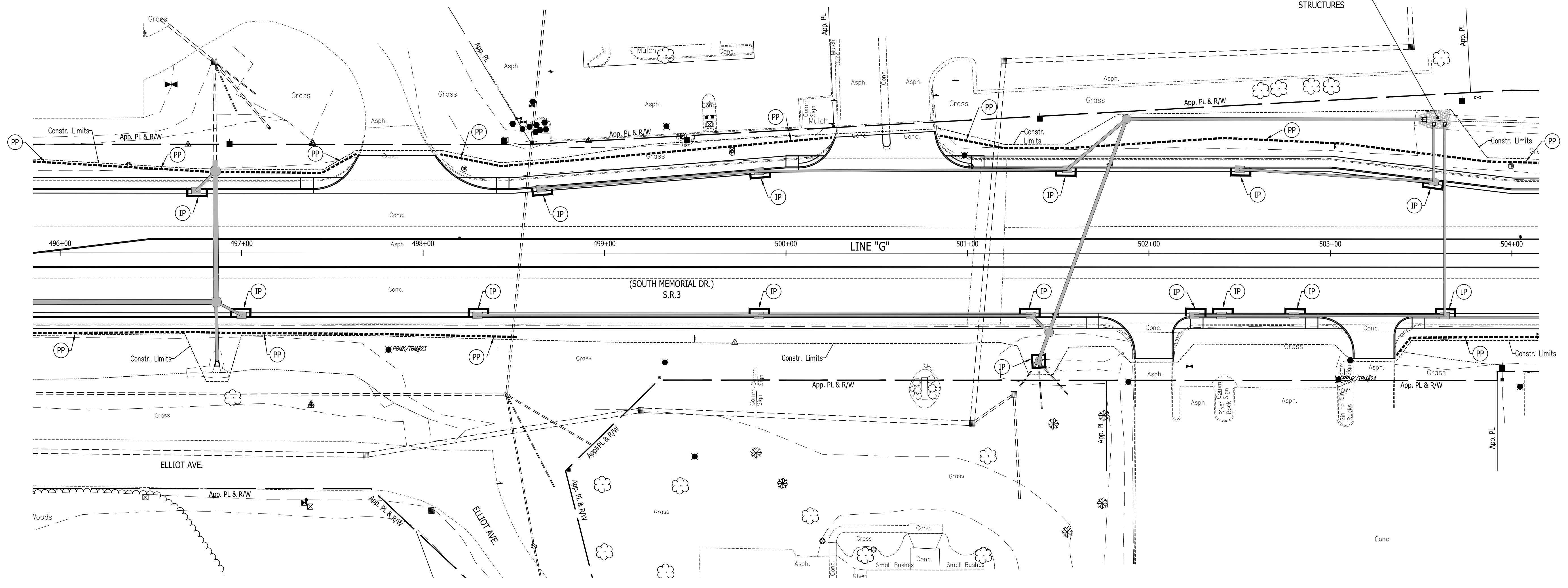
(IP)	TEMPORARY INLET PROTECTION
(PP)	PERIMETER PROTECTION
(WP)	WETLAND AND STREAM PROTECTION FENCE

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION S.R. 3 - EROSION AND SEDIMENT CONTROL	HORIZONTAL SCALE 1" = 30' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1593230
	DESIGNED: J.P.H. DRAWN: J.P.H. CHECKED: J.L.B. CHECKED: J.L.B.		SURVEY BOOK N/A	SHEETS 103 of 227 PROJECT 1593230

500+00



PLACE PERMANENT EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF PROPOSED STRUCTURES



TEMPORARY EROSION CONTROL NOTES

1. PERIMETER PROTECTION SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AS SHOWN ON THE PLANS AND IN LOCATIONS IDENTIFIED IN THE FIELD AS SUSCEPTIBLE TO OVERLAND TRANSPORT OF ERODED SEDIMENT.
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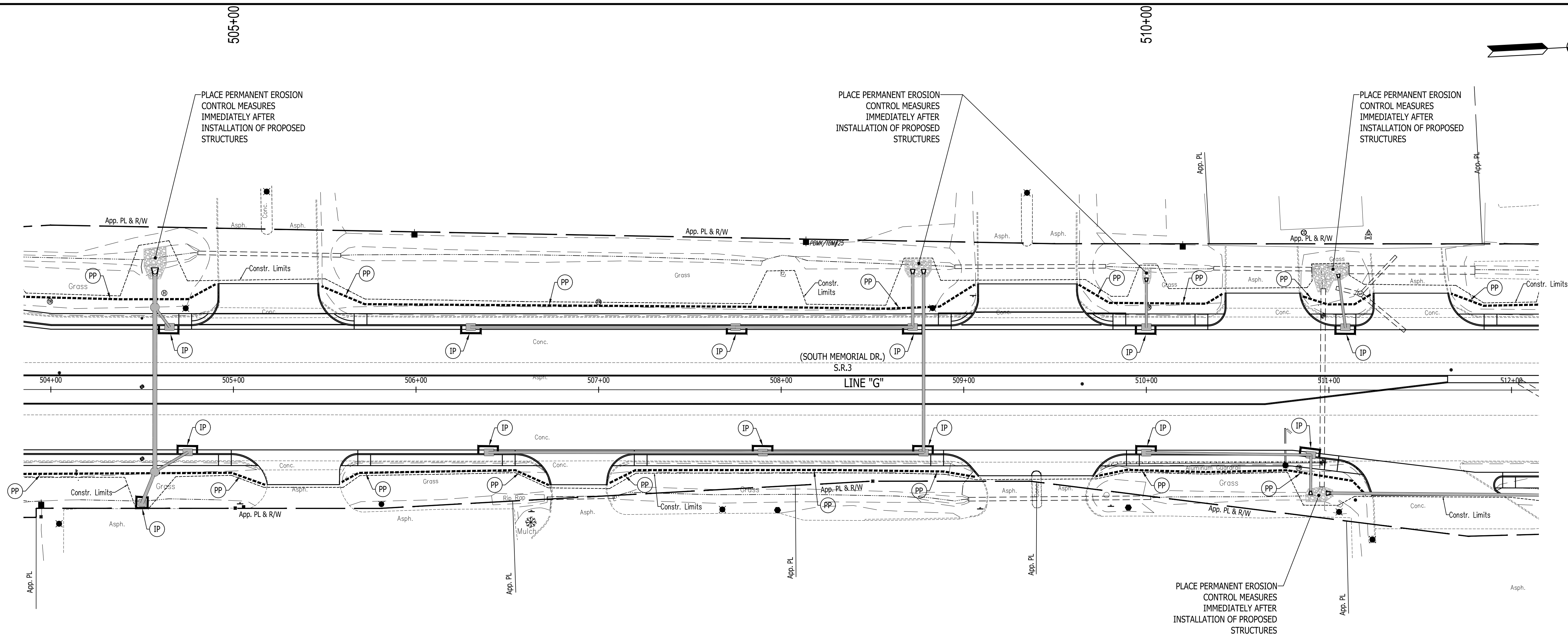
- TEMPORARY INLET PROTECTION
- PERIMETER PROTECTION
- WETLAND AND STREAM PROTECTION FENCE

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: J.P.H.	DRAWN: J.P.H.	
CHECKED: J.L.B.	CHECKED: J.L.B.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

S.R. 3 - EROSION AND SEDIMENT CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	104 of 227
CONTRACT	PROJECT
R-39270	1593230



TEMPORARY EROSION CONTROL NOTES

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LEGEND	
	TEMPORARY INLET PROTECTION
	PERIMETER PROTECTION
	WETLAND AND STREAM PROTECTION FENCE

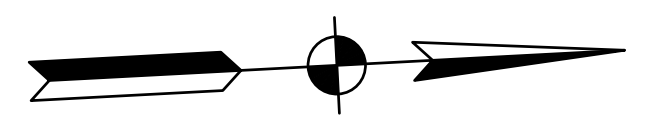
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: J.P.H.	DRAWN: J.P.H.	
CHECKED: J.L.B.	CHECKED: J.L.B.	

INDIANA DEPARTMENT OF TRANSPORTATION	
S.R. 3 - EROSION AND SEDIMENT CONTROL	

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 105 of 227
CONTRACT R-39270	PROJECT 1593230

515+00

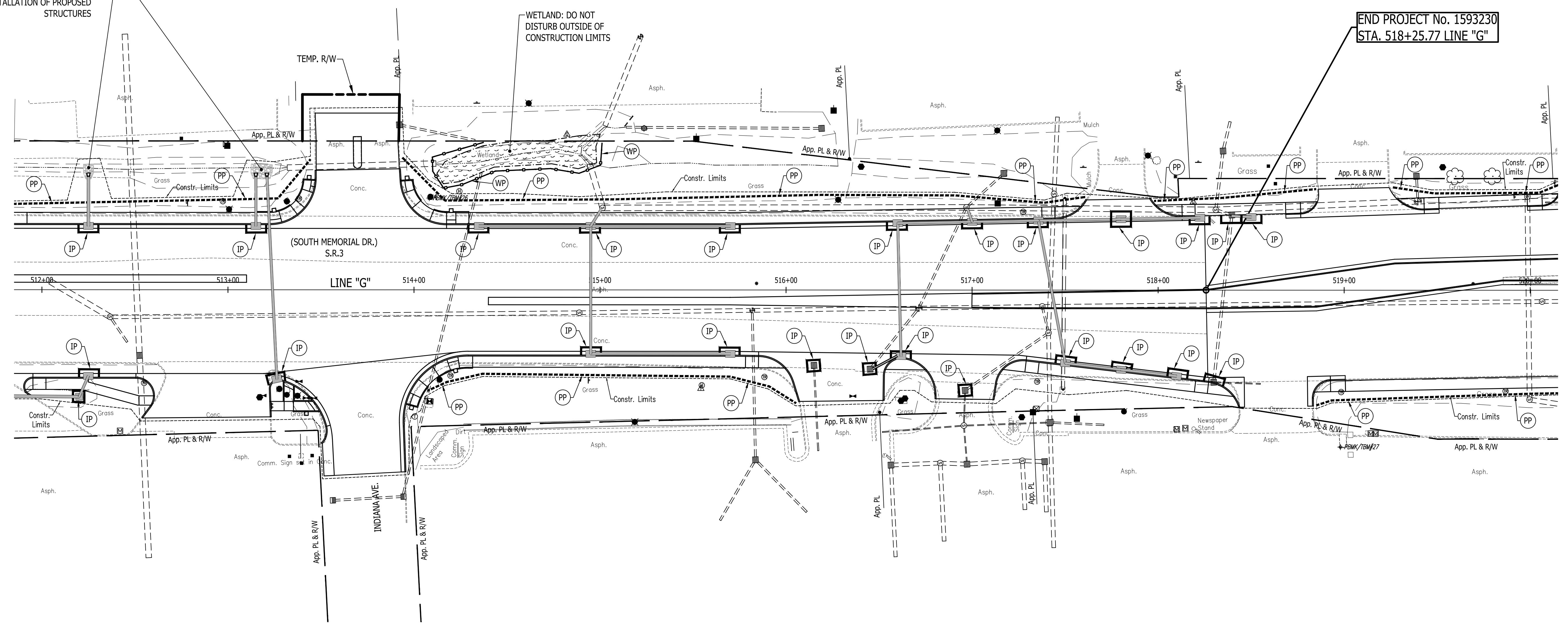
520+00



PLACE PERMANENT EROSION CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION OF PROPOSED STRUCTURES

WETLAND: DO NOT DISTURB OUTSIDE OF CONSTRUCTION LIMITS

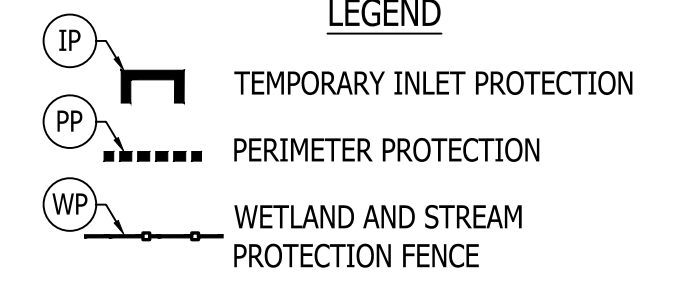
END PROJECT No. 1593230 STA. 518+25.77 LINE "G"



TEMPORARY EROSION CONTROL NOTES

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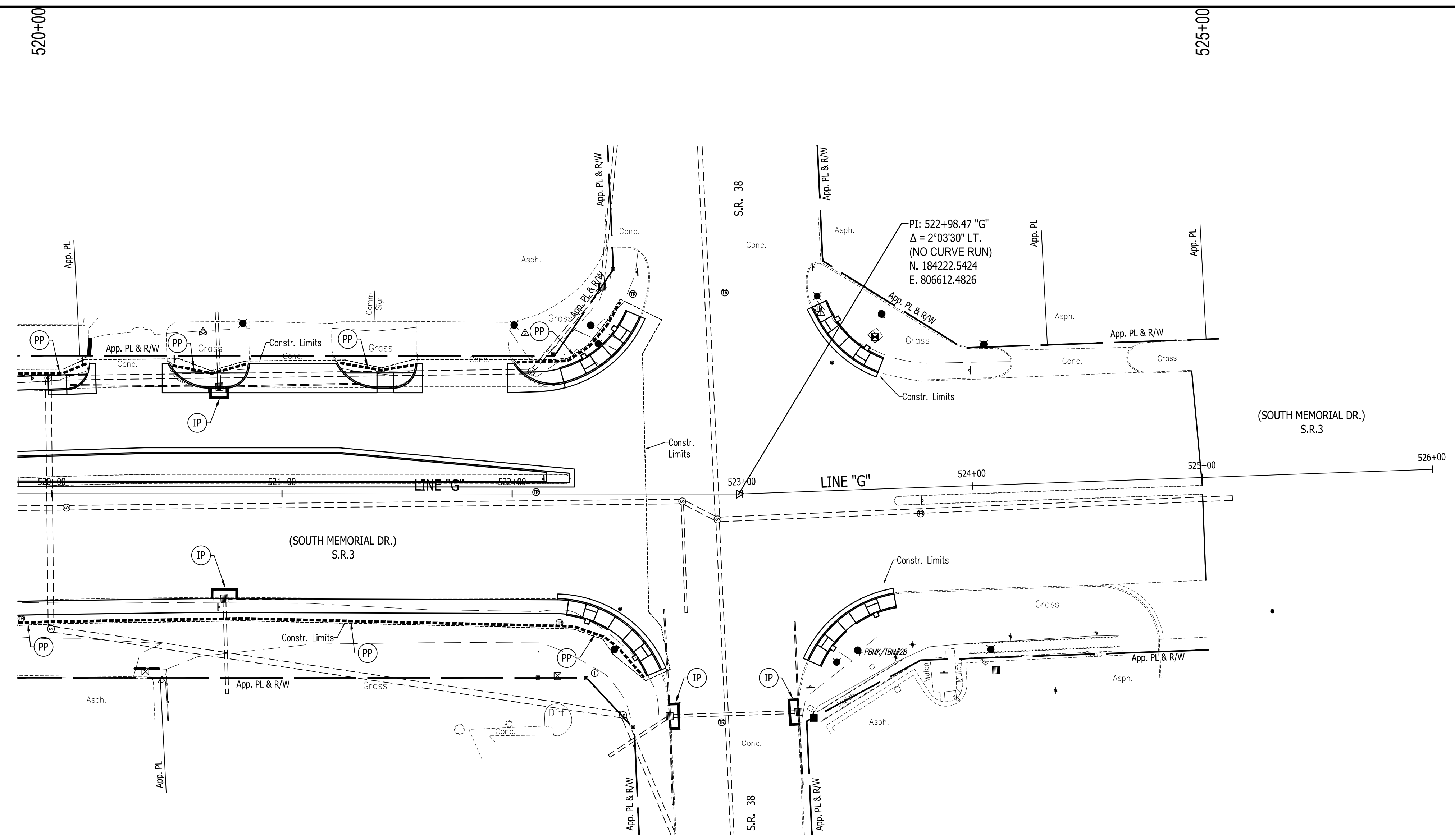
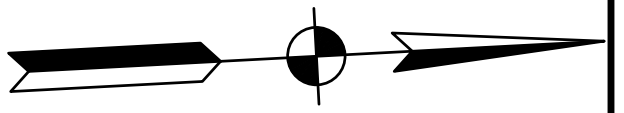


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: J.P.H.	DRAWN: J.P.H.	
CHECKED: J.L.B.	CHECKED: J.L.B.	

INDIANA
DEPARTMENT OF TRANSPORTATION

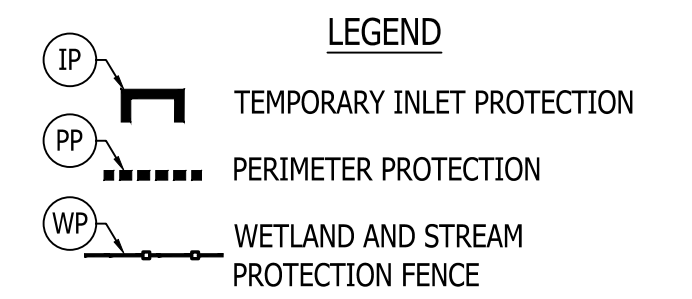
S.R. 3 - EROSION AND SEDIMENT CONTROL

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1593230
SURVEY BOOK N/A	SHEETS 106 of 227
CONTRACT R-39270	PROJECT 1593230



TEMPORARY EROSION CONTROL NOTES

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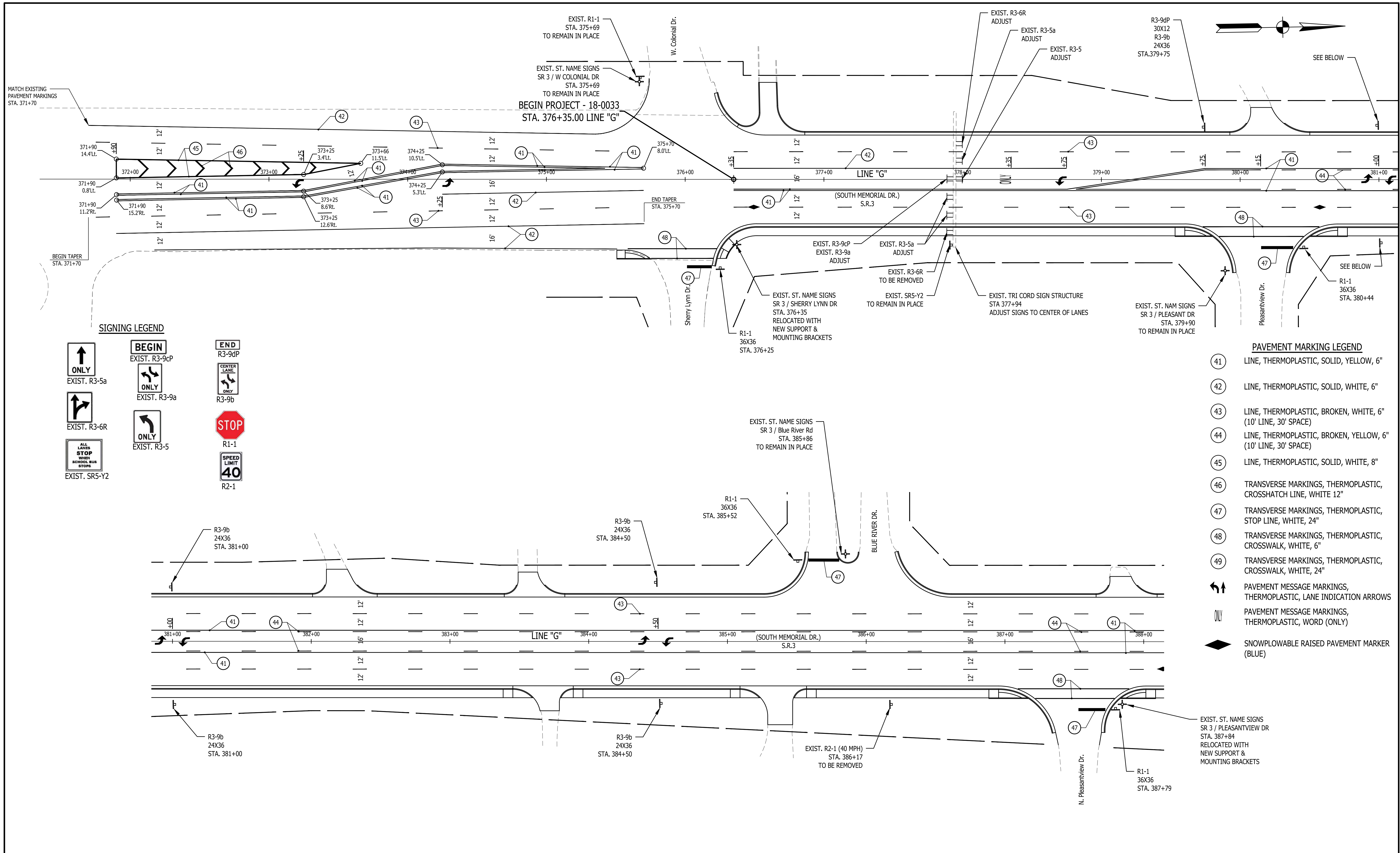


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: J.P.H.	DRAWN: J.P.H.		
CHECKED: J.L.B.	CHECKED: J.L.B.		

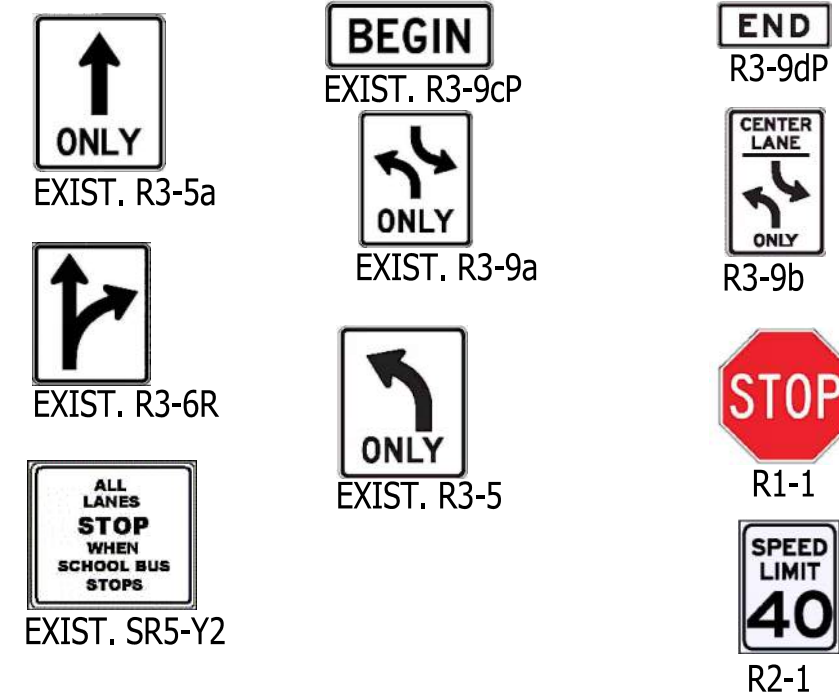
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**S.R. 3 - EROSION AND SEDIMENT
CONTROL**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	107 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



PAVEMENT MARKING LEGEND

- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
- 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
- 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
- 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
- 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
- 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
- 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
- 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
- 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
- PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
- PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
- SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

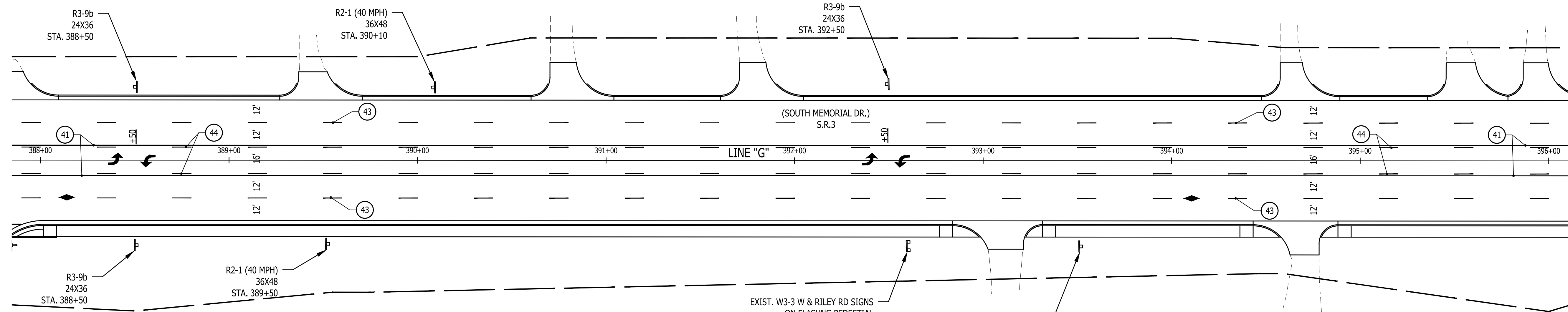
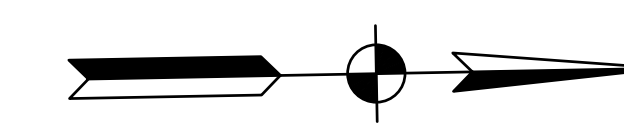
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2. ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

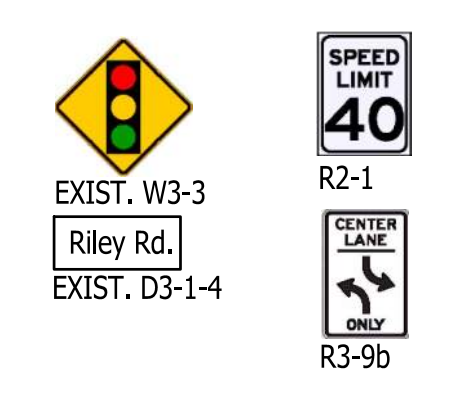
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 1

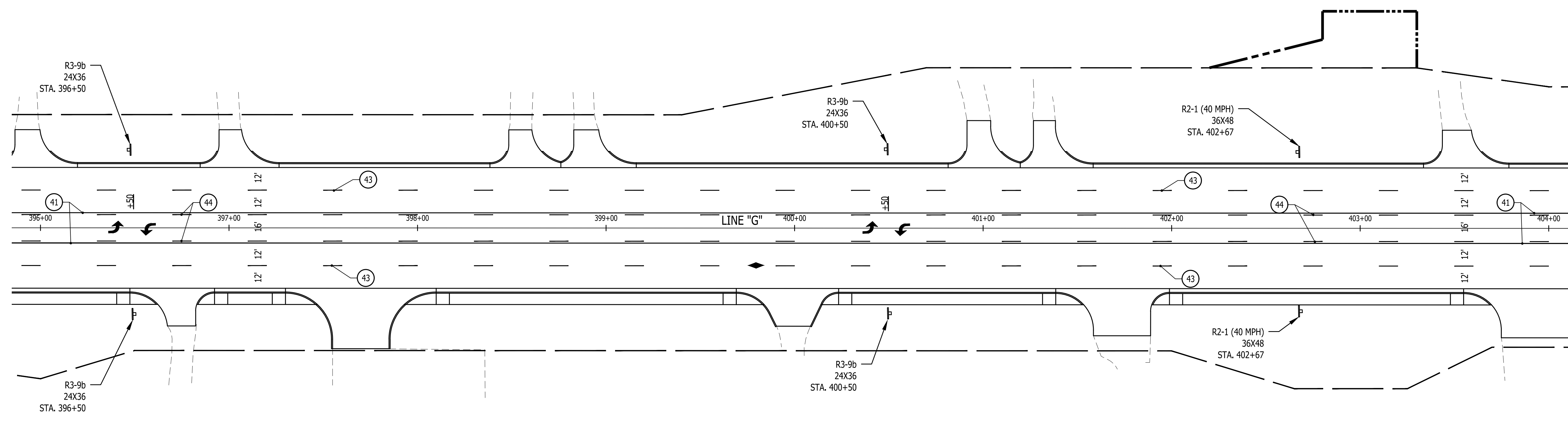
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	108 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



EXIST. W3-3 W & RILEY RD SIGNS ON FLASHING PEDESTAL TO REMAIN IN PLACE STA. 392+58



- PAVEMENT MARKING LEGEND**
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 - 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
 - ↔ PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
 - ONLY PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
 - ◆ SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

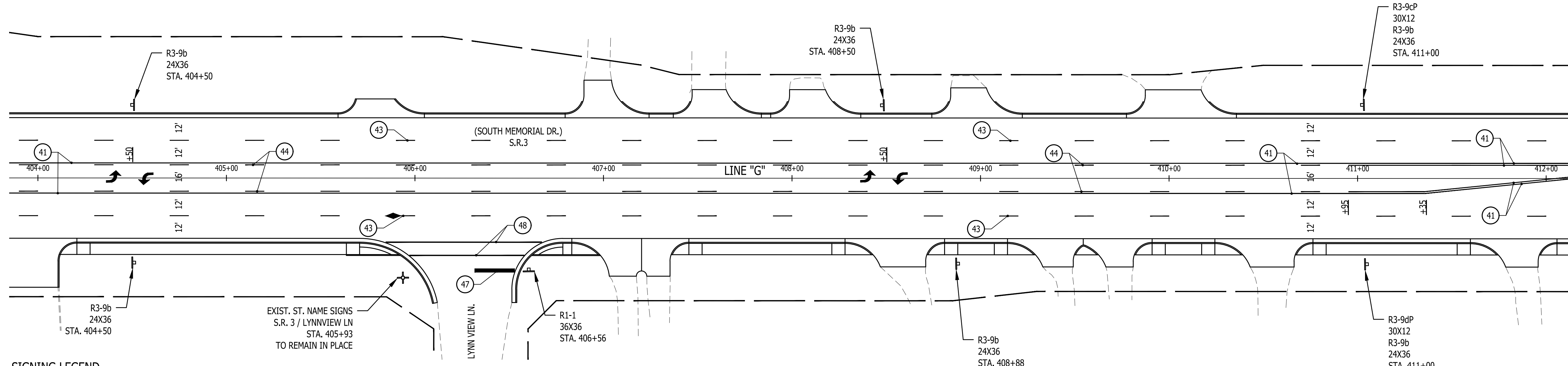
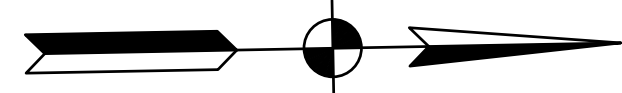
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

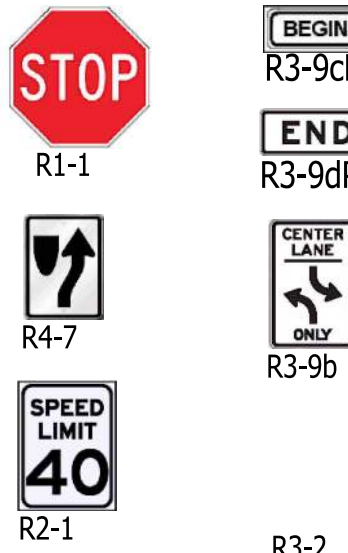
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	109 of 227
CONTRACT	PROJECT
R-39270	1593230

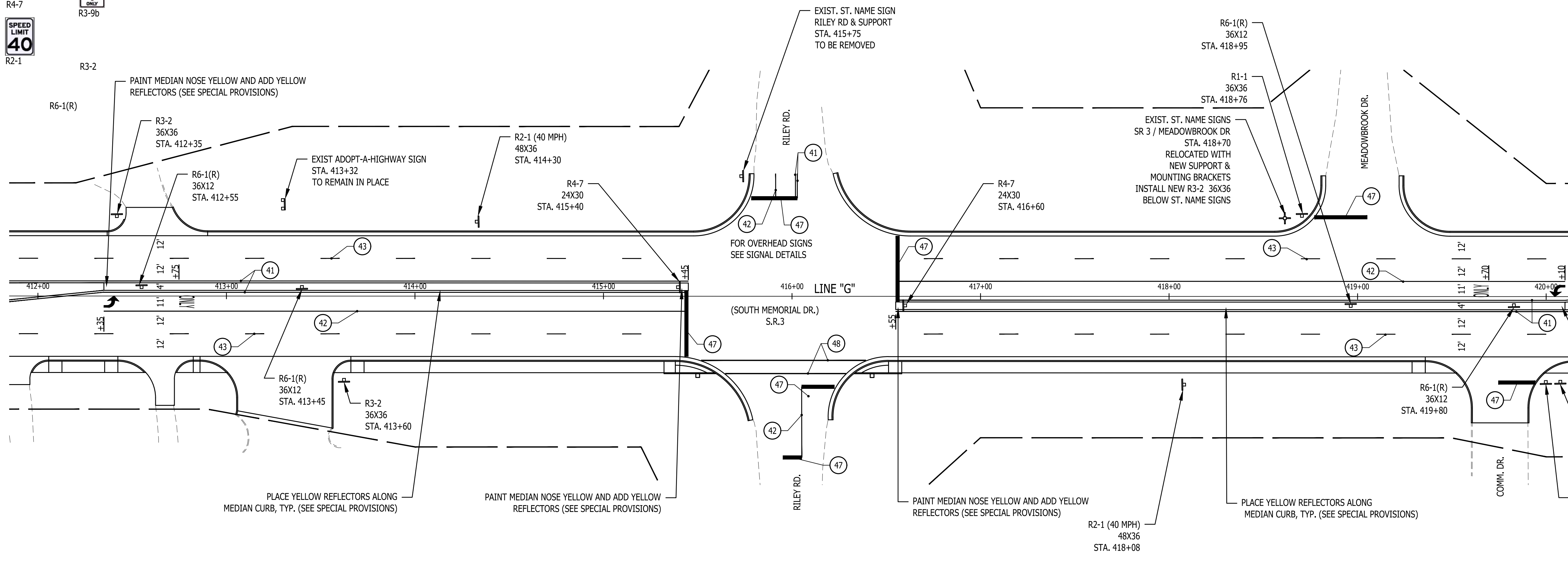


SIGNING LEGEND



PAVEMENT MARKING LEGEND

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- PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
- SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)



SIGNING NOTES:

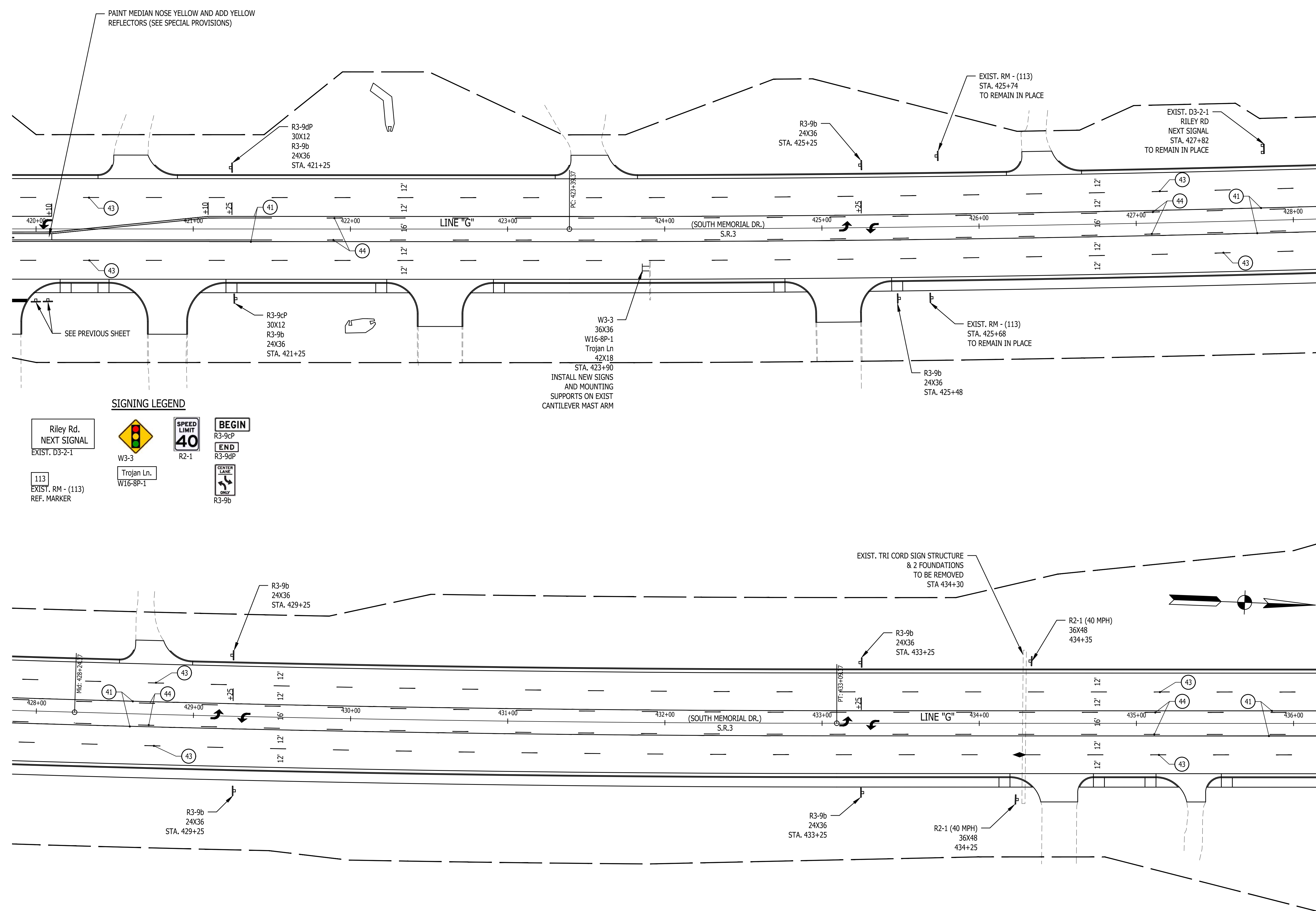
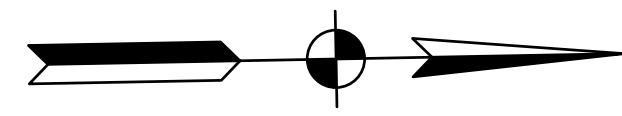
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

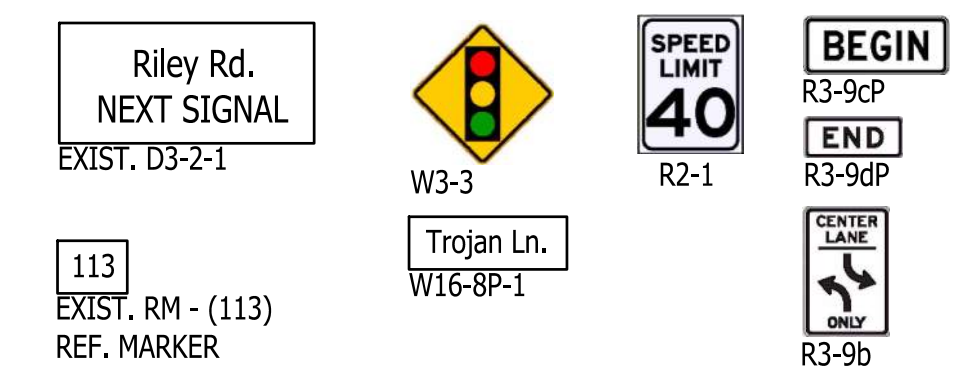
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	110 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



- PAVEMENT MARKING LEGEND**
- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
 - 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
 - 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
 - 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
 - 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
 - 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
 - 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
 - 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
 - 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
 - ↔ PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
 - ONLY PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
 - ◆ SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

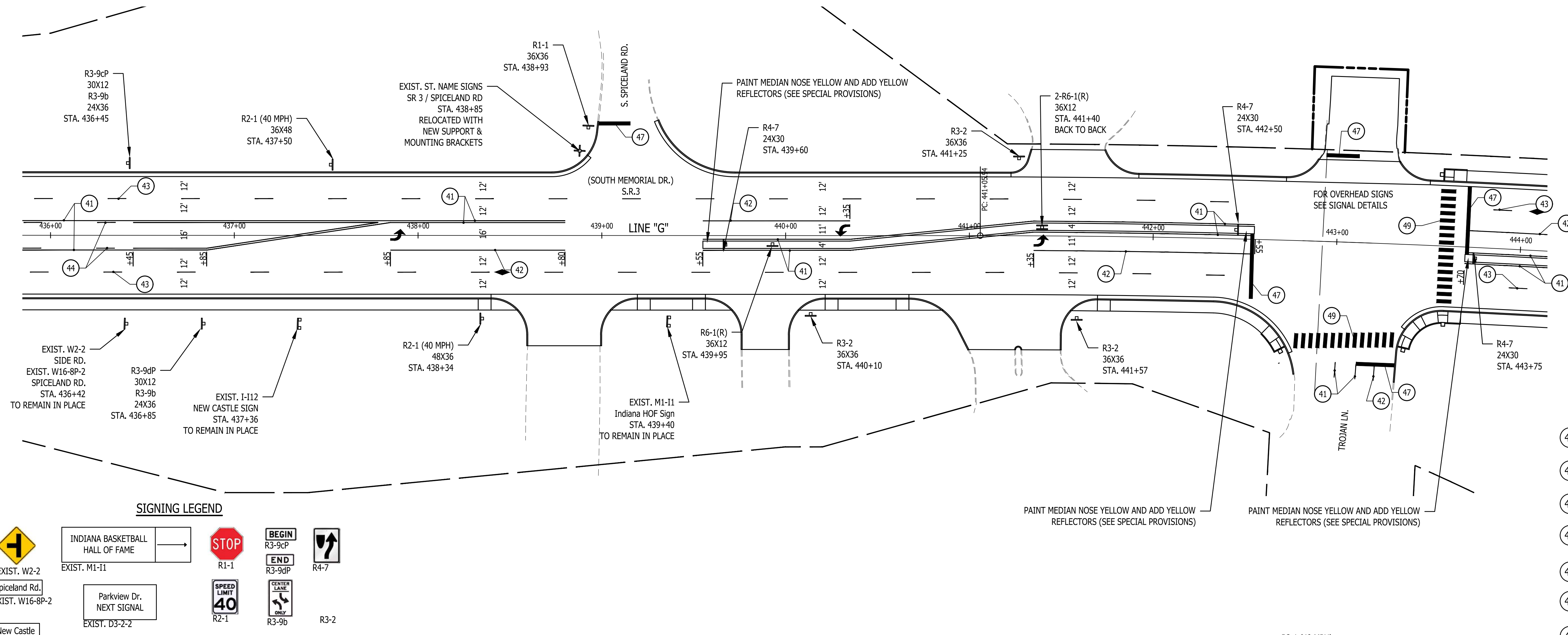
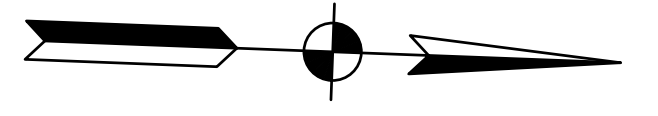
1. ALL SIGN LOCATIONS ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED DURING CONSTRUCTION BASED UPON THE FINAL APPROACHES, DRIVES, WALKS, RAMPS AND UTILITY LOCATIONS, ETC.
2. ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

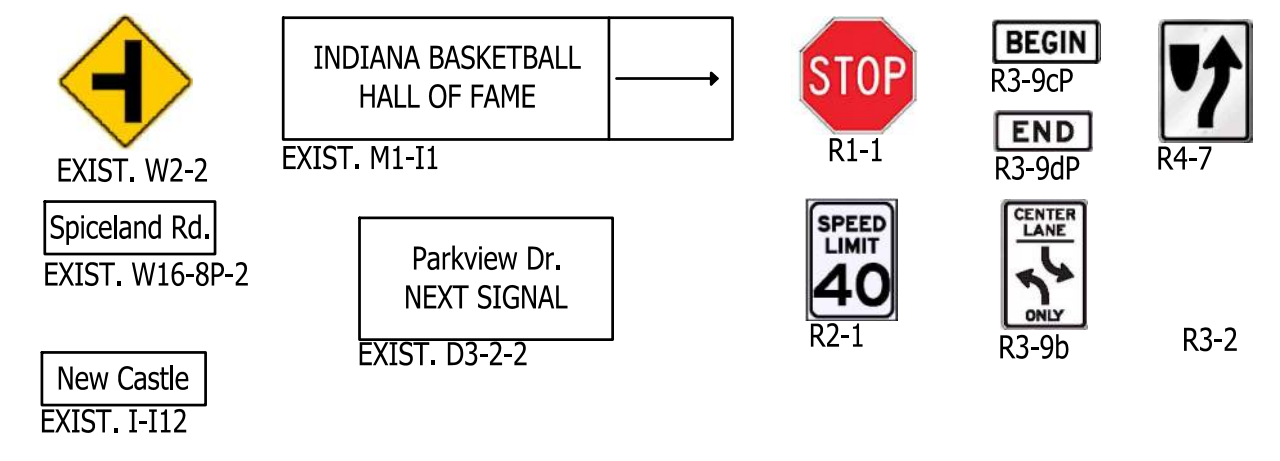
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 4

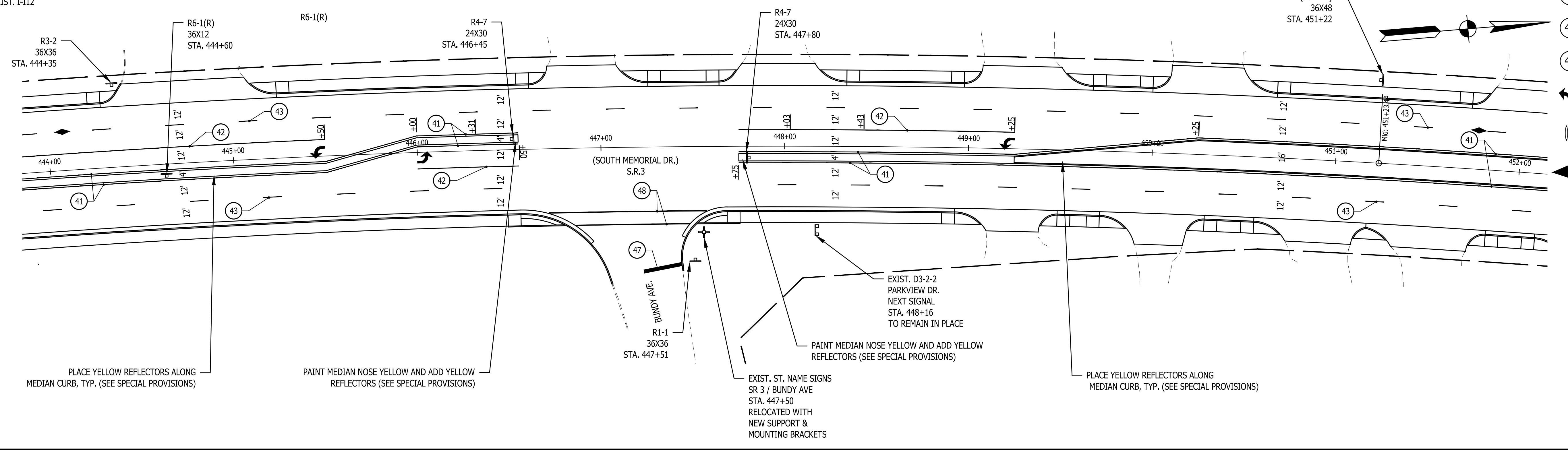
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	111 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



- PAVEMENT MARKING LEGEND**
- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
 - 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
 - 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
 - 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
 - 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
 - 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
 - 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
 - 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
 - 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
 - ↔ PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
 - W PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
 - ◆ SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)



SIGNING NOTES:

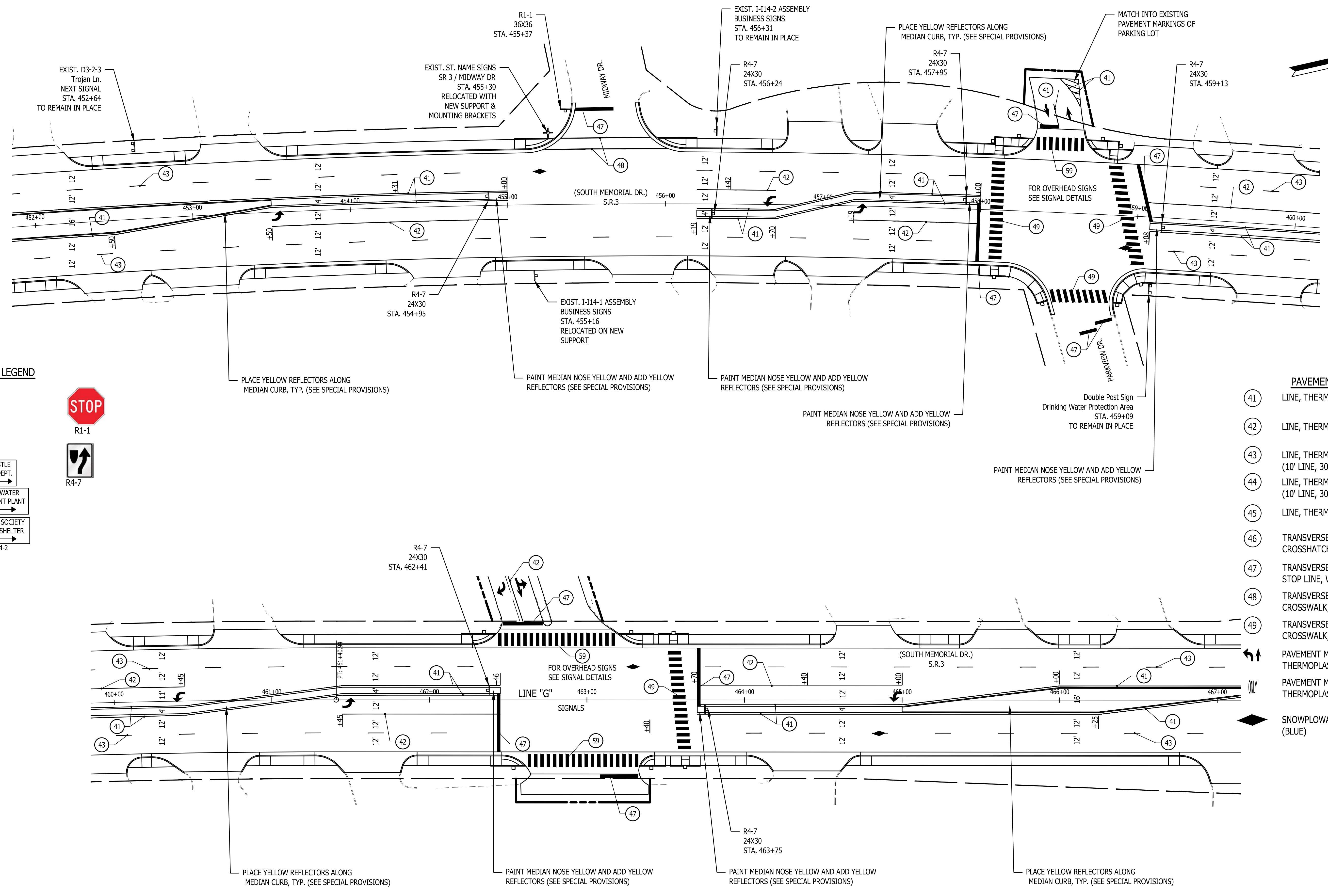
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- ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

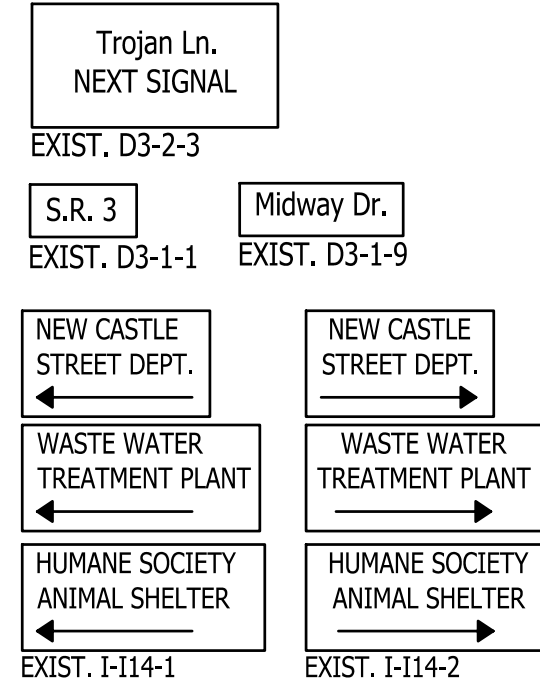
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 5

HORIZONTAL SCALE	BRIDGE FILE
1" = 30"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	112 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



PAVEMENT MARKING LEGEND

- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
- 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
- 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
- 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
- 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
- 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
- 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
- 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
- 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
- PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
- PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
- SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

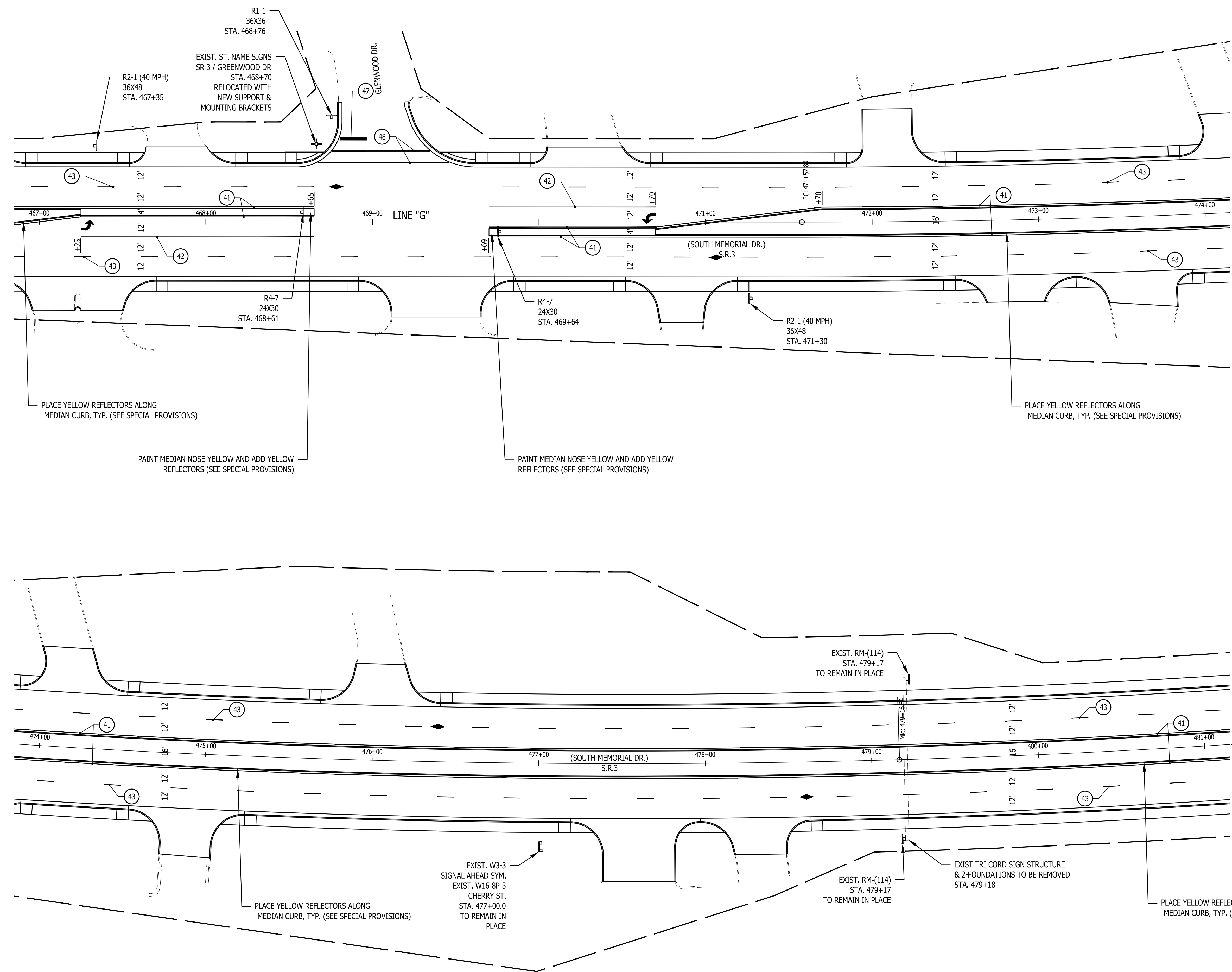
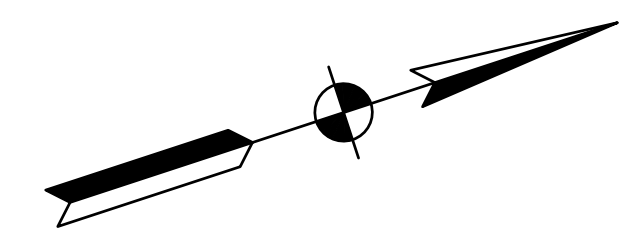
1. ALL SIGN LOCATIONS ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED DURING CONSTRUCTION BASED UPON THE FINAL APPROACHES, DRIVES, WALKS, RAMPS AND UTILITY LOCATIONS, ETC.
2. ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 6

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	113 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND

EXIST. W3-3
Cherry St.
EXIST. W16-8P-3

S.R. 3
EXIST. D3-1-1

Glenwood Dr.
EXIST. D3-1-10

114
EXIST. RM-(114)
REF. MARKER (114)

R1-1

SPEED LIMIT
40

R2-1

R4-7

PAVEMENT MARKING LEGEND

41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"

42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"

43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)

44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)

45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"

46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"

47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"

48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"

49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"

PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS

PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)

SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

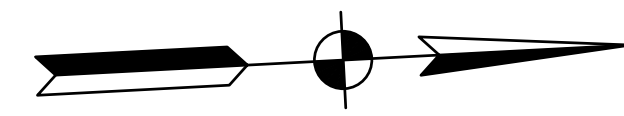
- ALL SIGN LOCATIONS ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED DURING CONSTRUCTION BASED UPON THE FINAL APPROACHES, DRIVES, WALKS, RAMPS AND UTILITY LOCATIONS, ETC.
- ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

INDIANA DEPARTMENT OF TRANSPORTATION

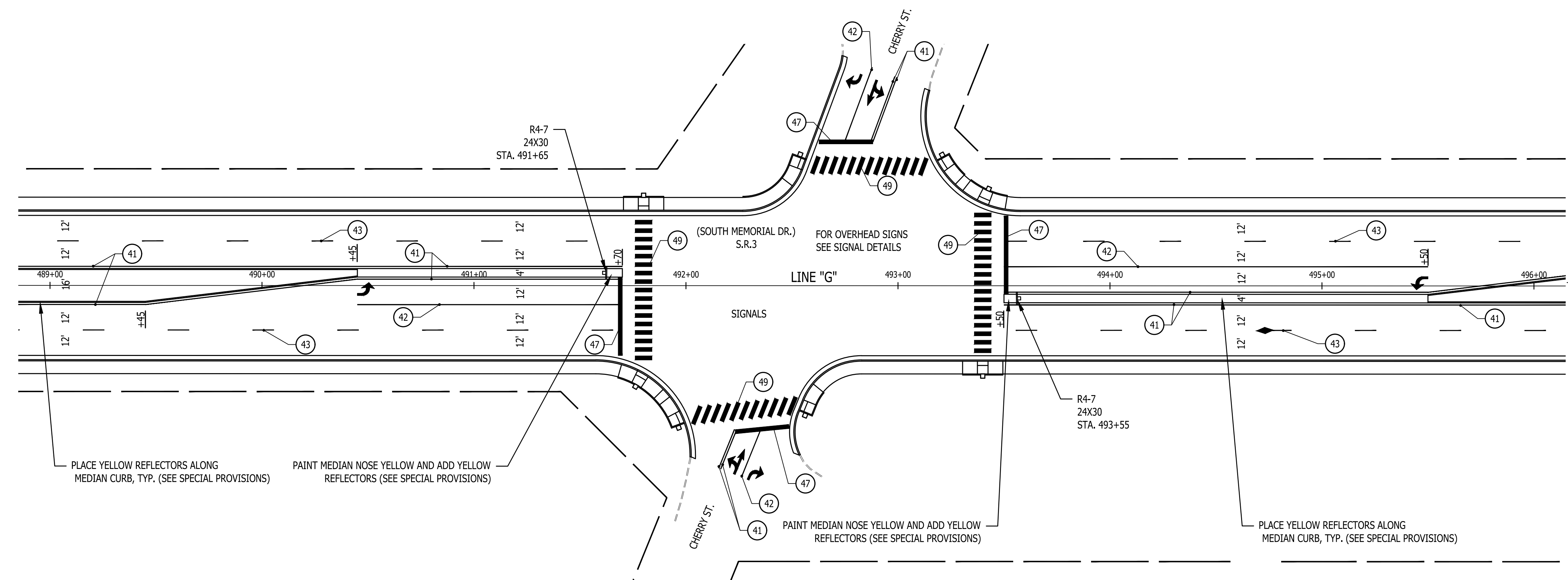
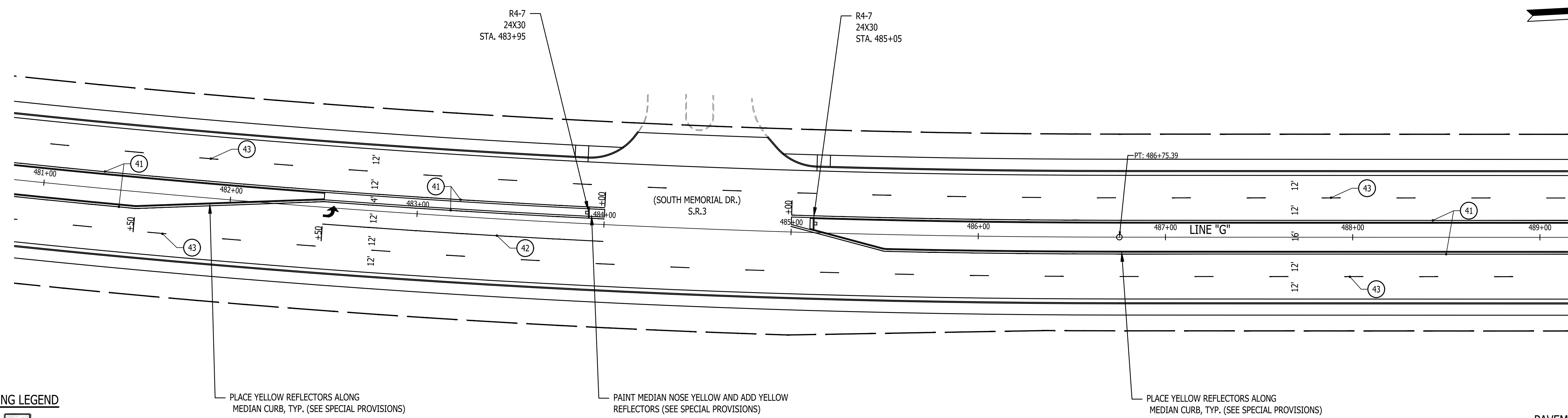
S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 7

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	114 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND

R4-7



- PAVEMENT MARKING LEGEND**
- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
 - 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
 - 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
 - 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
 - 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
 - 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
 - 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
 - 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
 - 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
 - ↔ PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
 - ONLY PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
 - ◆ SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

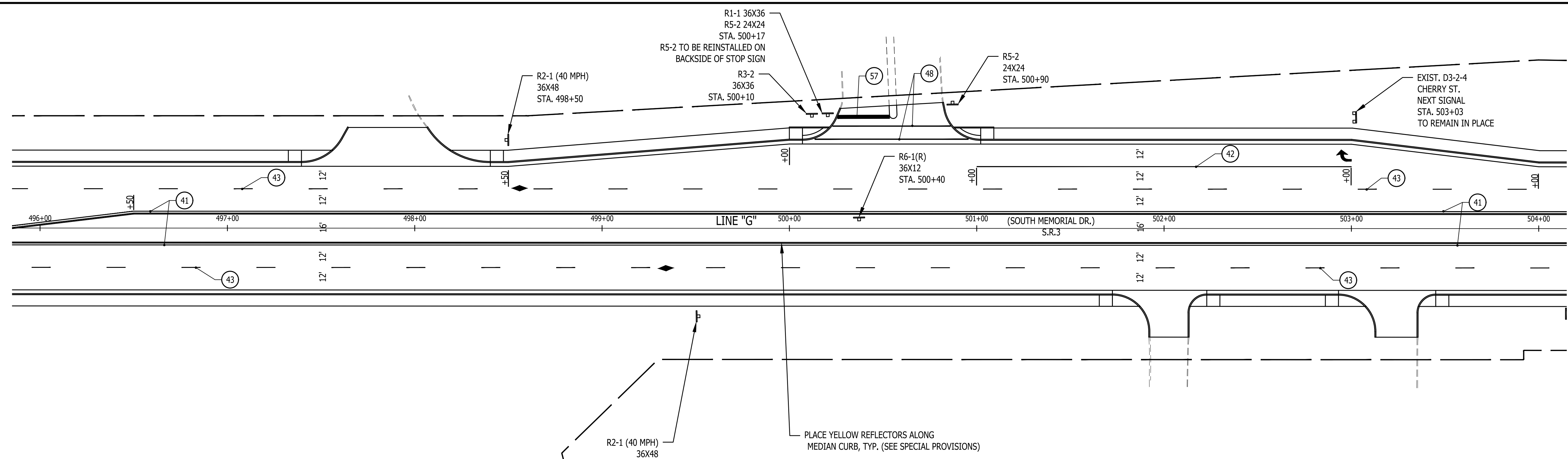
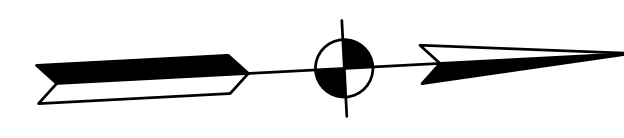
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- ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

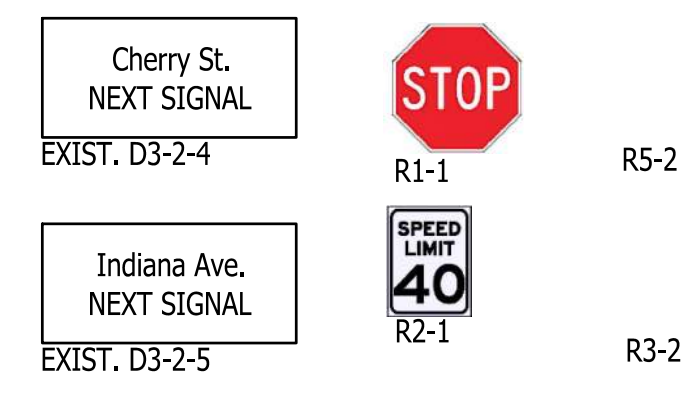
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 8

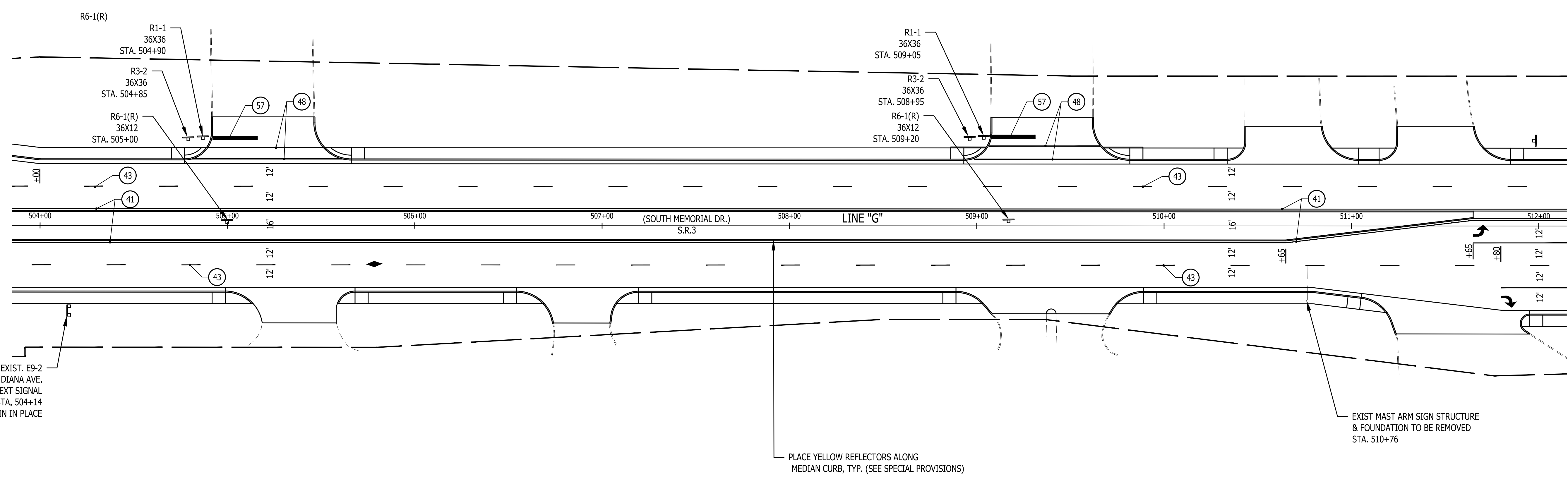
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	115 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



- PAVEMENT MARKING LEGEND**
- 41 LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
 - 42 LINE, THERMOPLASTIC, SOLID, WHITE, 6"
 - 43 LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
 - 44 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
 - 45 LINE, THERMOPLASTIC, SOLID, WHITE, 8"
 - 46 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
 - 47 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
 - 48 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
 - 49 TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
 - ↔ PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
 - ||| PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
 - 57 TRANSVERSE MARKINGS, PAINT, STOP LINE, WHITE, 24"
 - ◆ SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)



SIGNING NOTES:

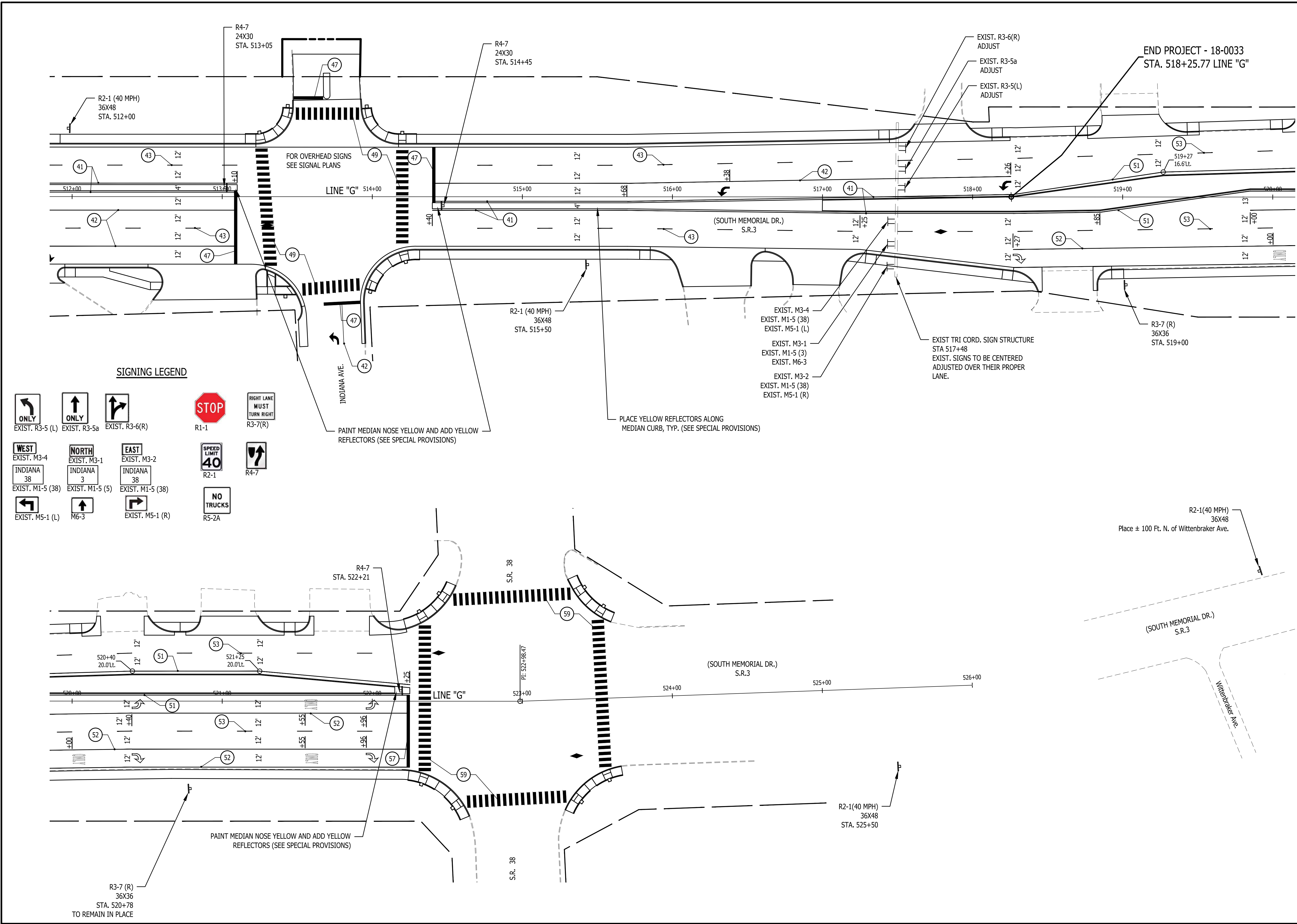
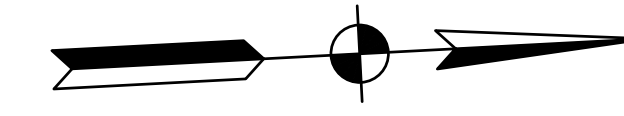
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- ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

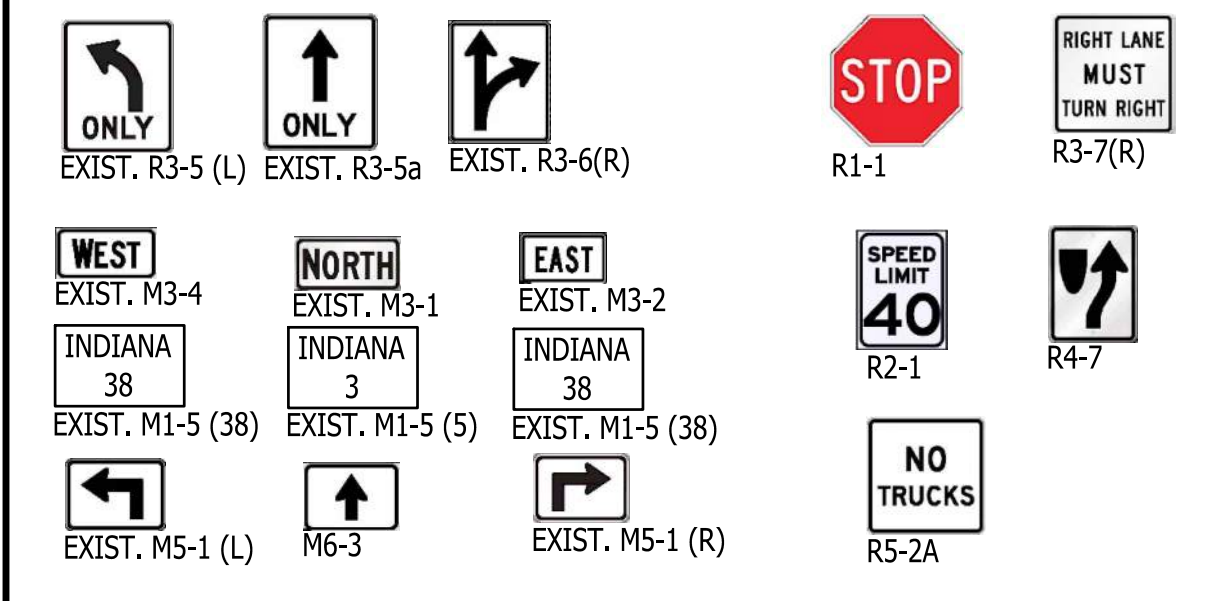
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 9

HORIZONTAL SCALE	BRIDGE FILE
1" = 30"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	116 of 227
CONTRACT	PROJECT
R-39270	1593230



SIGNING LEGEND



PAVEMENT MARKING LEGEND

41	LINE, THERMOPLASTIC, SOLID, YELLOW, 6"
42	LINE, THERMOPLASTIC, SOLID, WHITE, 6"
43	LINE, THERMOPLASTIC, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
44	LINE, THERMOPLASTIC, BROKEN, YELLOW, 6" (10' LINE, 30' SPACE)
45	LINE, THERMOPLASTIC, SOLID, WHITE, 8"
46	TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE, WHITE 12"
47	TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, WHITE, 24"
48	TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 6"
49	TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK, WHITE, 24"
50	PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROWS
51	PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD (ONLY)
51	LINE, MULTI-COMPONENT, SOLID, YELLOW, 6"
52	LINE, MULTI-COMPONENT, SOLID, WHITE, 6"
53	LINE, MULTI-COMPONENT, BROKEN, WHITE, 6" (10' LINE, 30' SPACE)
57	TRANSVERSE MARKINGS, PAINT, STOP LINE, WHITE, 24"
58	TRANSVERSE MARKINGS, PAINT, CROSSWALK, WHITE, 6"
59	TRANSVERSE MARKINGS, PAINT, CROSSWALK, WHITE, 24"
50	PAVEMENT MESSAGE MARKINGS, PAINT, LANE INDICATION ARROWS
50	PAVEMENT MESSAGE MARKINGS, PAINT, WORD (ONLY)
50	SNOWPLOWABLE RAISED PAVEMENT MARKER (BLUE)

SIGNING NOTES:

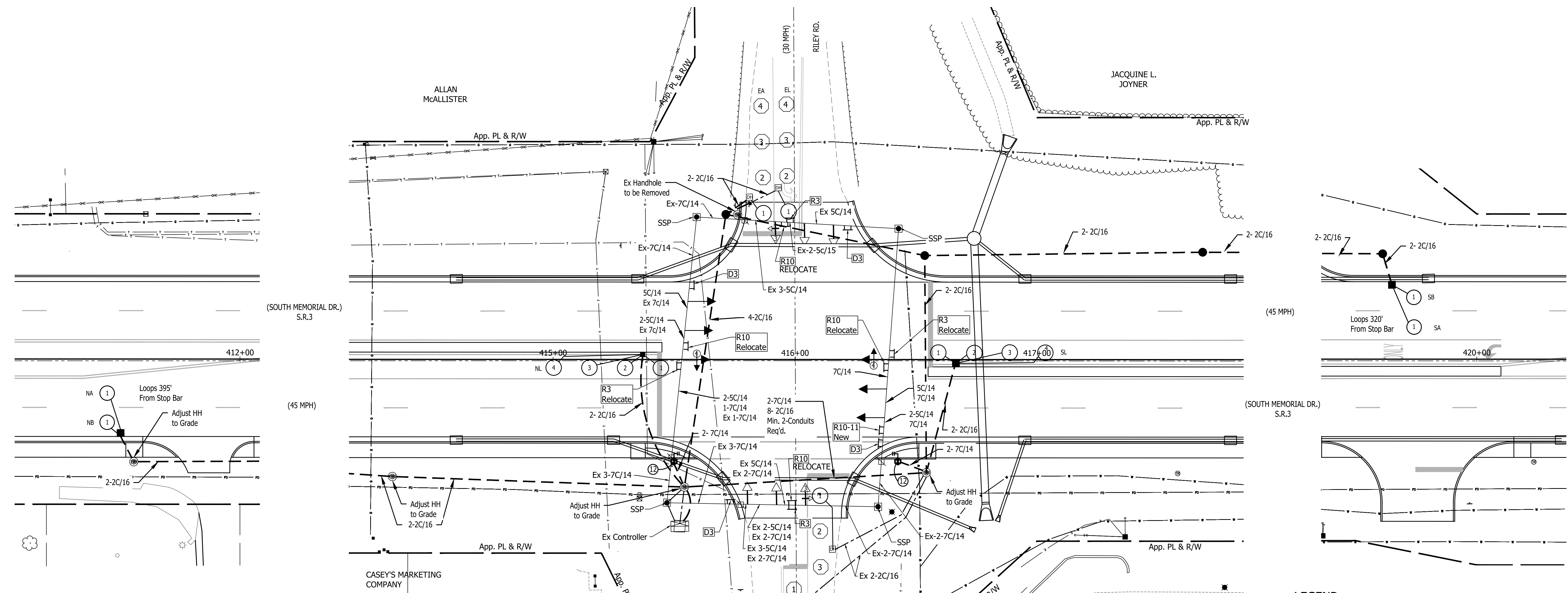
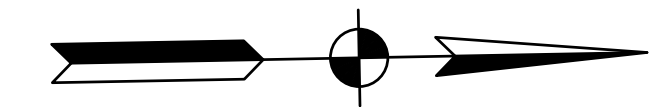
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- ALL SIGN LOCATIONS SHALL MEET THE LATEST MUTCD & MUTCD FIGURES 2A-2 AND 2A-3 IN THE VERTICAL AND HORIZONTAL DIMENSIONS.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: A.S.M	DRAWN: A.S.M	
CHECKED: J.L.B	CHECKED: J.L.B	

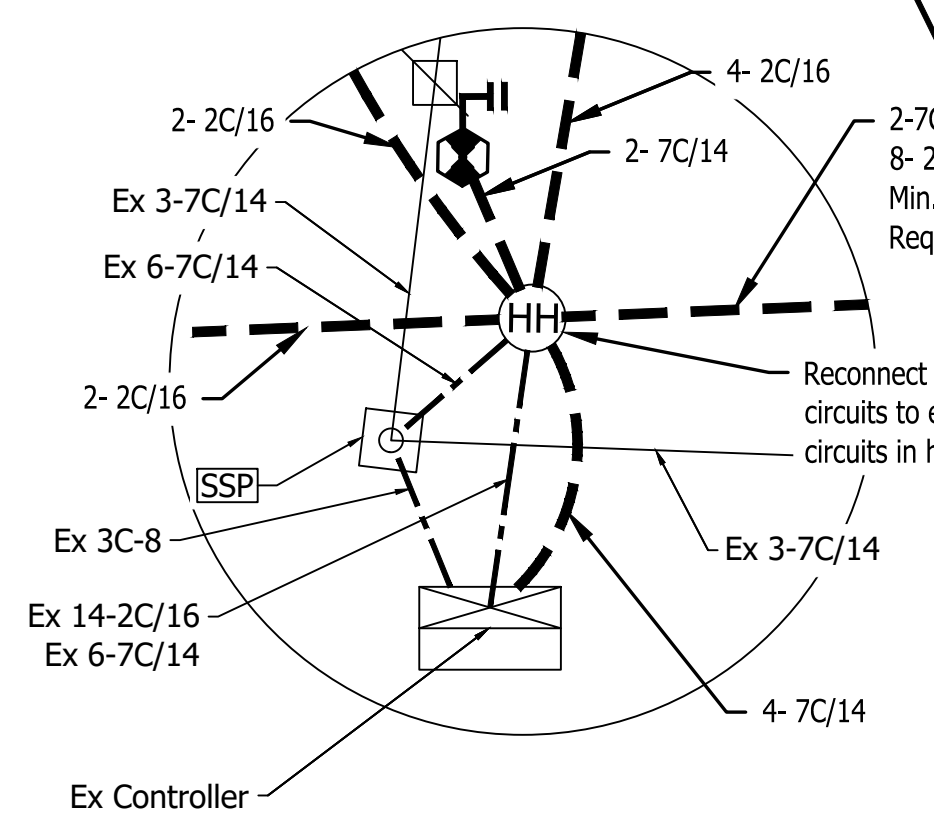
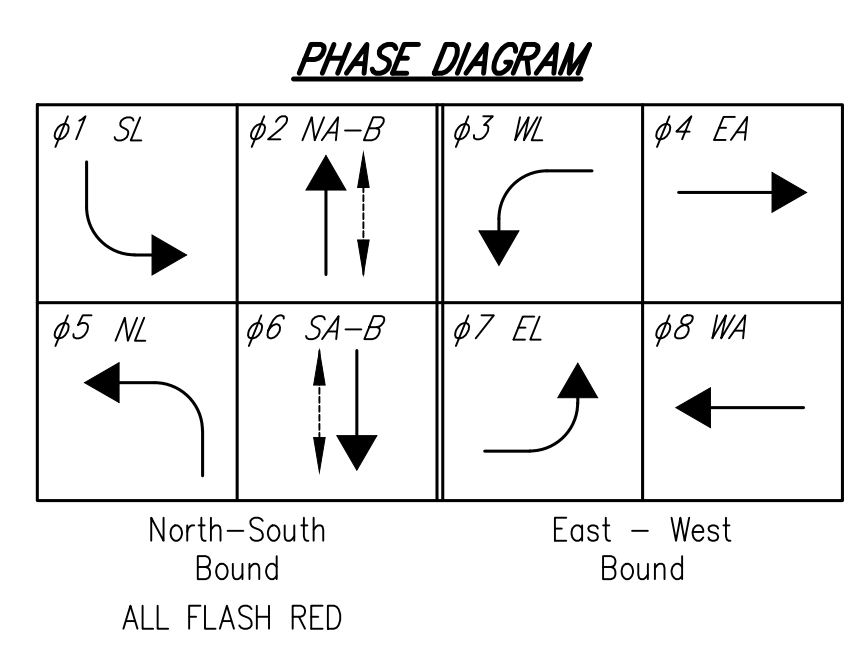
INDIANA DEPARTMENT OF TRANSPORTATION

S.R. 3 PAVEMENT MARKINGS AND SIGNING NO. 10

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1593230
SURVEY BOOK	SHEETS
N/A	117 of 227
CONTRACT	PROJECT
R-39270	1593230



LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-1,2,3,4	ALL
NA	NA2-1	*
NB	NB2-1	*
WL	WL3-1,2,3,4	ALL
WA	WA8-1,2,3,4	ALL
SL	SL1-1,2,3,4	ALL
SA	SA6-1	*
SB	SB6-1	*
EL	EL7-1,2,3,4	ALL
EA	EA4-1,2,3,4	ALL



Additional conduits may be required per INDOT & NEC conduit capacity full requirements

- LEGEND**
- ① Existing Vehicle Loop Detection
 - ① New Vehicle Loop Detection
 - Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
 - Relocate or Existing Overhead Signs
 - SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
 - Existing Disconnect Hanger
 - Existing Detector Housing
 - New Detector Housing
 - Existing Handhole
 - New Signal Handhole
 - Existing Conduit
 - New 2 Inch HDPE Conduit
 - Ex Existing Signal Equipment or Cable
- SIGN LEGEND**
- D3 Ex. Street Name Sign
 - R3 Ex. R3-5 Sign
 - R10 Ex. R10-12a Sign
 - R10-11 NEW New R10-11 NO TURN ON RED 36x48
- Signs to remain in place unless noted

- NOTES:**
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

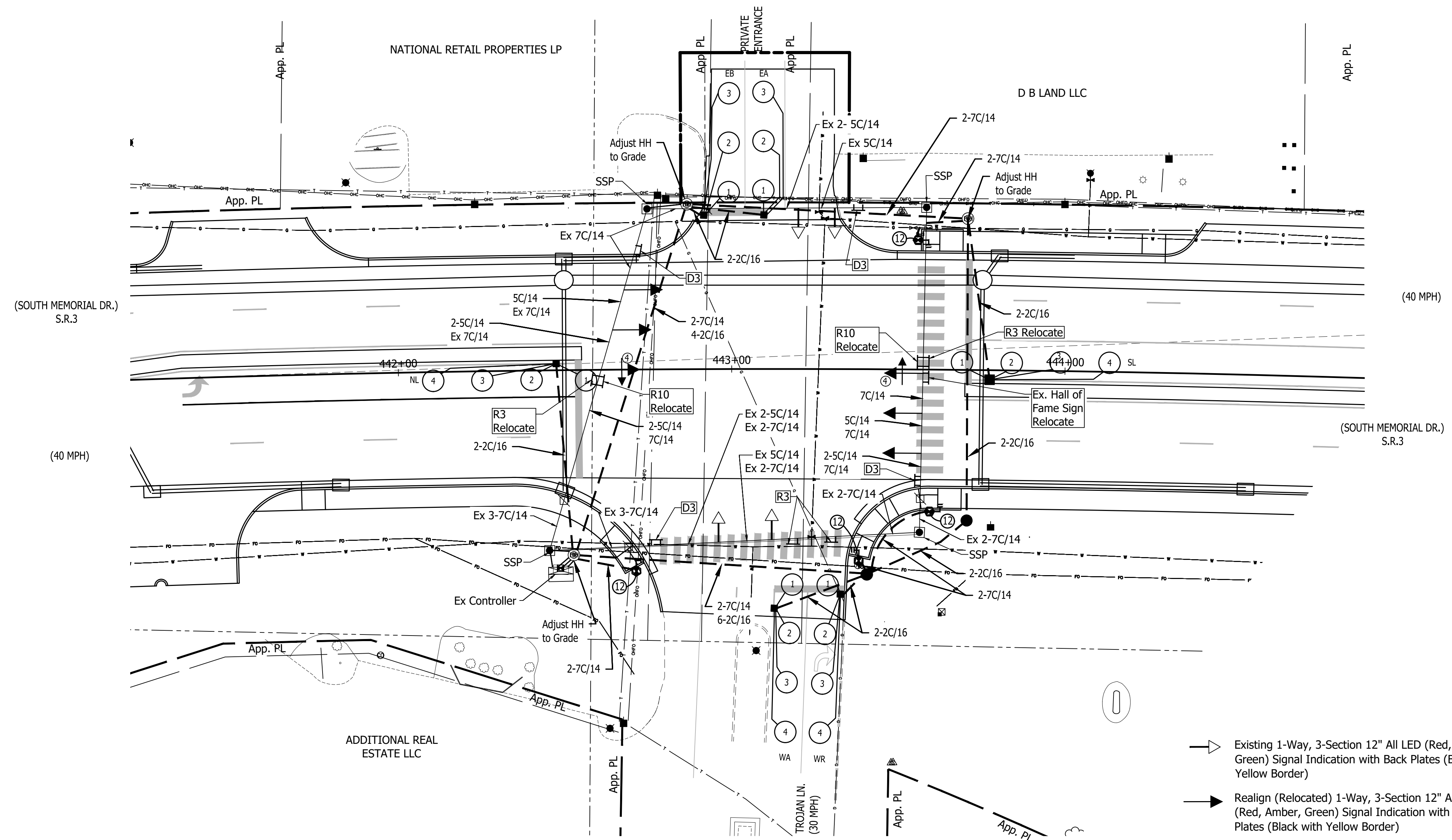
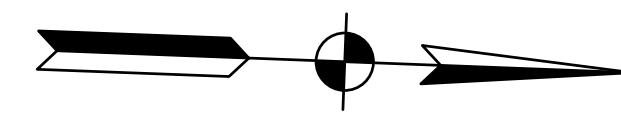
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL MODERNIZATION - S.R. 3 & RILEY RD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	124 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-024



SIGN LEGEND

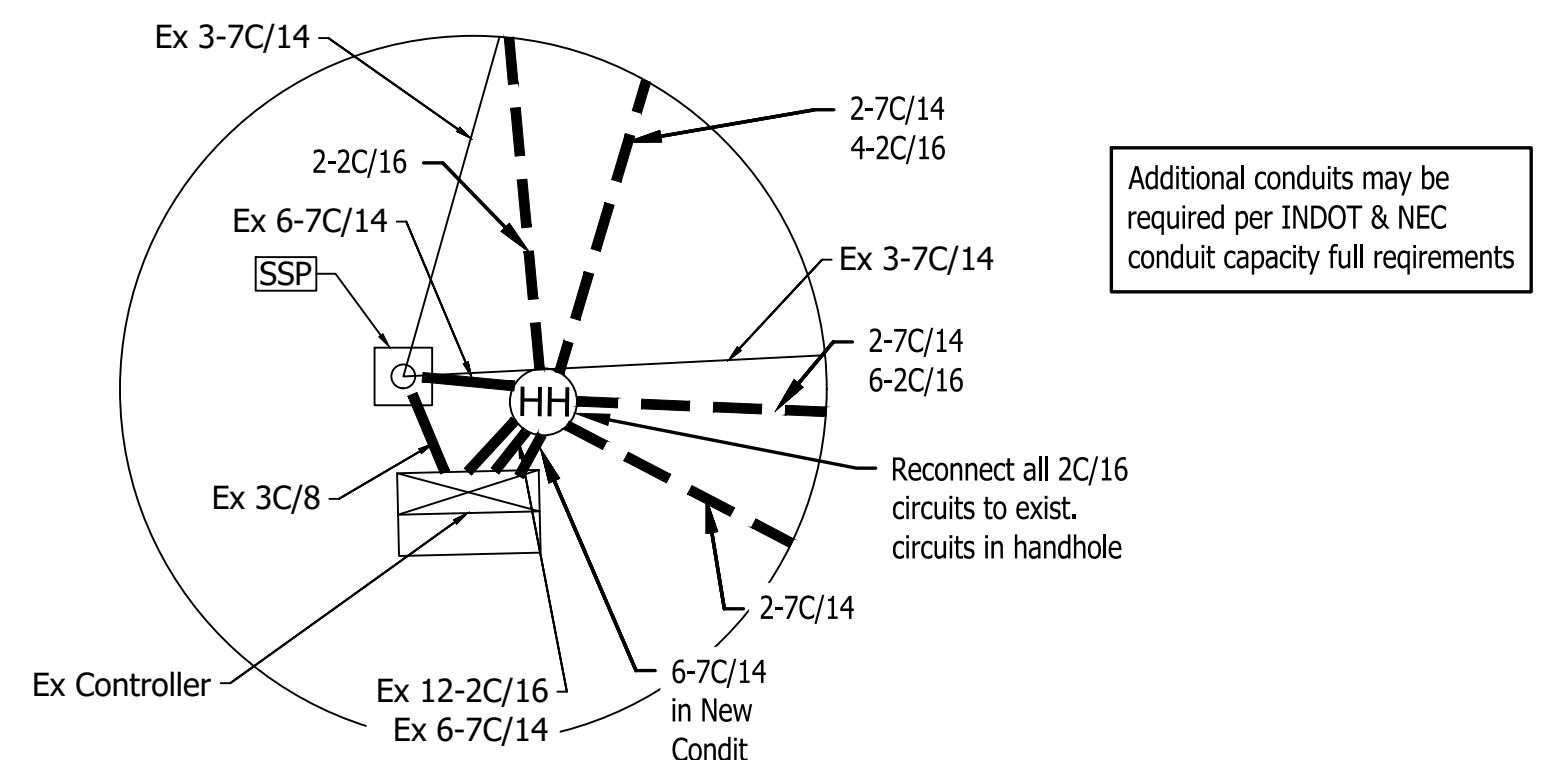
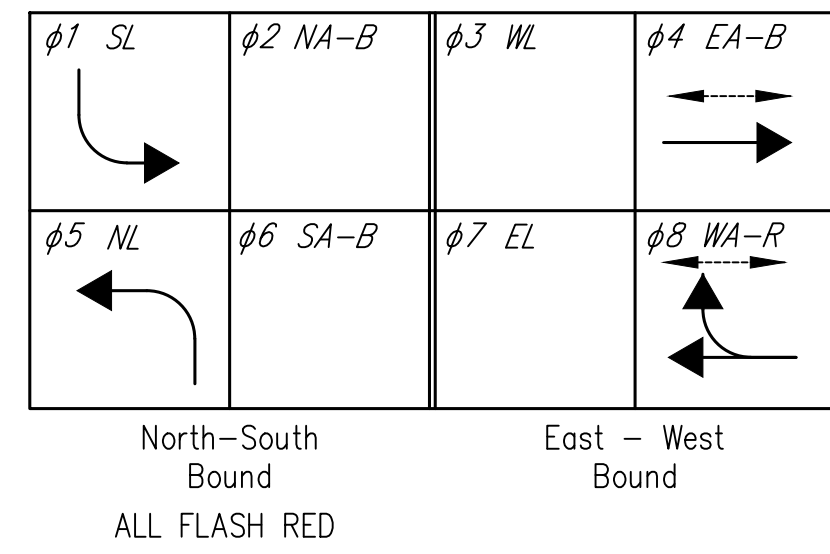
- D3 Ex. Street Name Sign
- R3 Ex. R3-5 (R of L), R3-6 Signs
- R10 Ex. R10-12a Sign
- Signs to remain in place unless noted

LEGEND

- Existing 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 4-Section 12" All LED (Red, Amber, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- New 12' Pedestal, Pedestrian Head & APS Push Button on Pedestal Fdn. Type A (See Ramp Details for Locations) North / South & East / West Push Buttons - Tone
- New Pedestrian Indication
- Existing Vehicle Loop Detection
- New Vehicle Loop Detection
- Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
- Relocate or Existing Overhead Signs
- SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
- Existing Disconnect Hanger
- New Detector Housing
- Existing Handhole
- New Signal Handhole
- Existing Conduit
- New 2 Inch HDPE Conduit
- Ex Existing Signal Equipment or Cable

LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOP
NL	NL5-2,3,4	
NL	NL5-1	*
WA	WA8-1,2,3,4	ALL
WR	WR8-1,2,3,4	ALL
SL	SL1-2,3,4	
SL	SL1-1	*
EA	EA4-2,3	
EA	EA4-1	*
EB	EB4-2,3	
EB	EB4-1	*

PHASE DIAGRAM



- NOTES:**
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

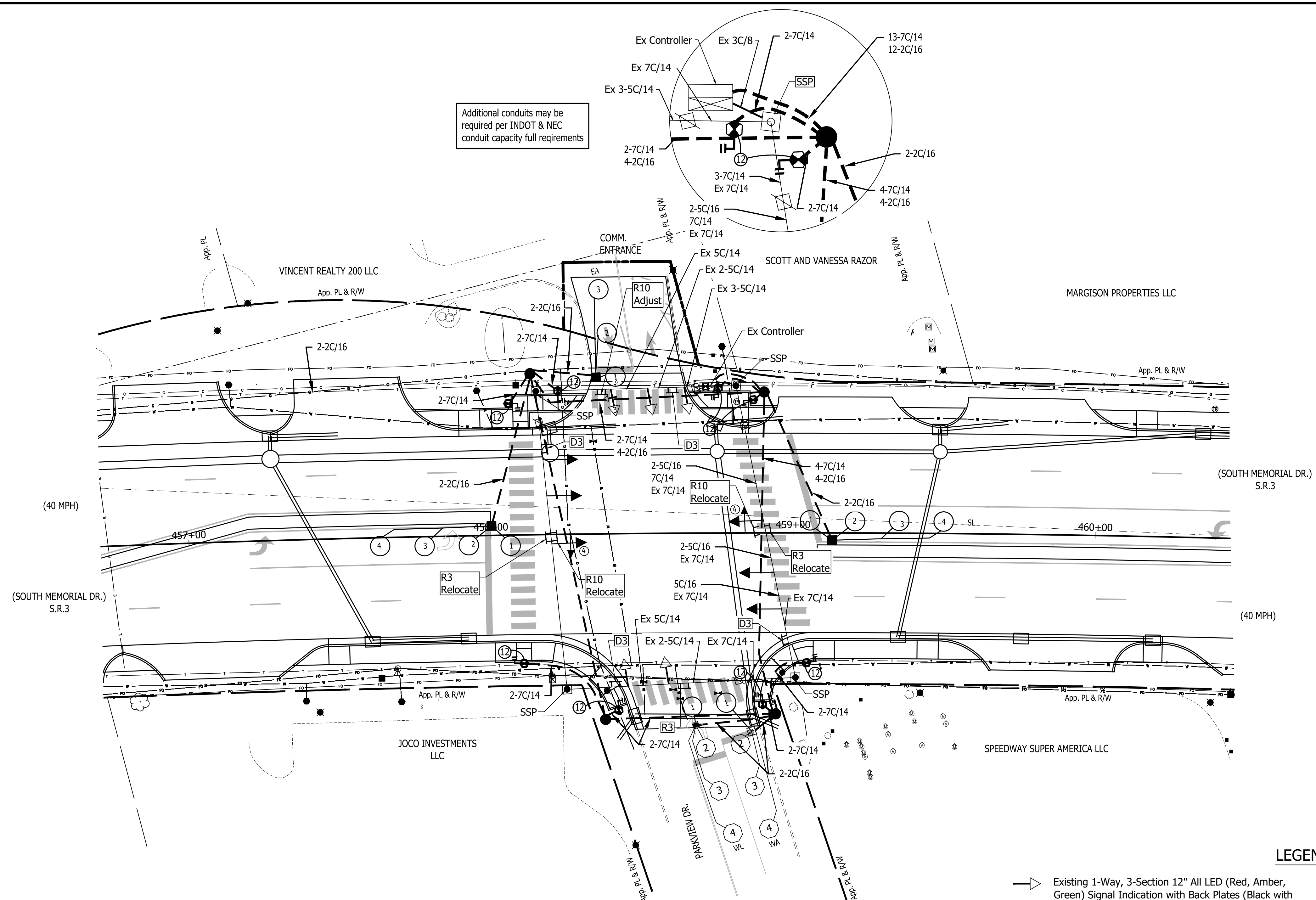
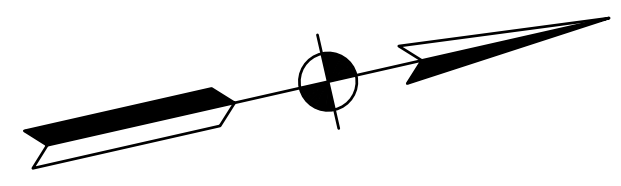
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL MODERNIZATION - S.R. 3 AND TROJAN LANE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	125 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-021



Additional conduits may be required per INDOT & NEC conduit capacity full requirements

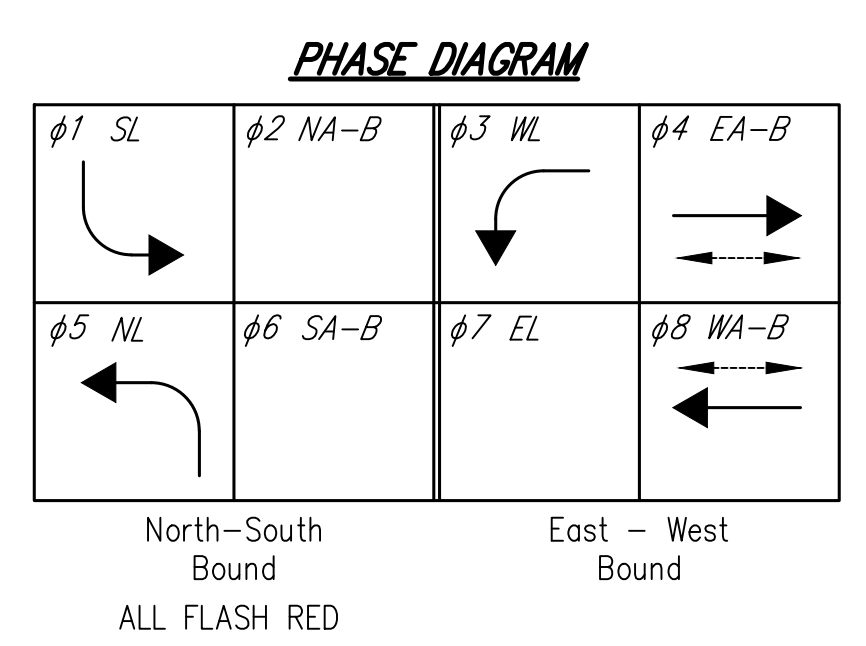
SIGN LEGEND

- D3 Ex. Street Name Sign
- R3 Ex. R3-5 Sign
- R10 Ex. R10-12a Sign
- Signs to remain in place unless noted

LEGEND

- Existing 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Existing 1-Way, 3-Section 12" All LED (Red, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 4-Section 12" All LED (Red, Amber, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- New 12' Pedestal, Pedestrian Head & APS Push Button on Pedestal Fdn. Type A (See Ramp Details for Locations) North / South & East / West Push Buttons - Tone
- New Pedestrian Indication
- Existing Vehicle Loop Detection
- New Vehicle Loop Detection
- Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
- Relocate or Existing Overhead Signs
- SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
- Existing Disconnect Hanger
- Existing Detector Housing
- New Detector Housing
- New Signal Handhole
- Existing Conduit
- New 2 Inch HDPE Conduit
- Existing Signal Equipment or Cable

LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-2,3,4	
NL	NL5-1	*
WL	WL3-1,2,3,4	ALL
WA	WA8-1,2,3,4	ALL
SL	SL1-2,3,4	
SL	SL1-1	*
EA	EA4-2,3	
EA	EA4-1	*



- NOTES:**
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

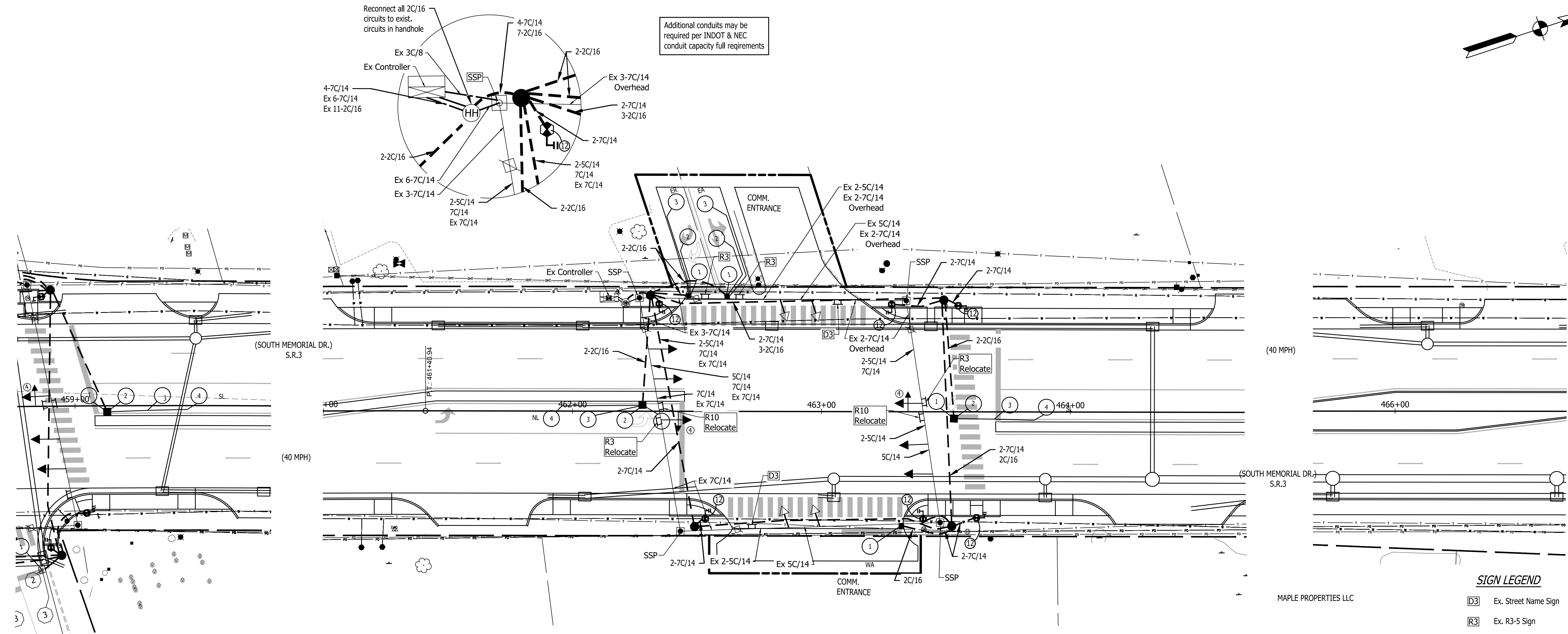
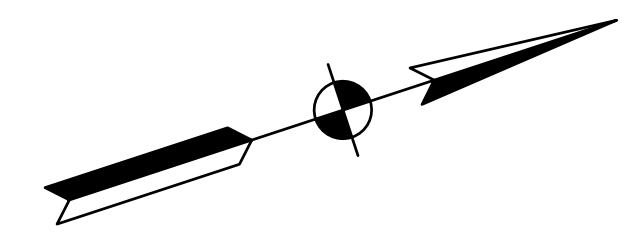
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL MODERNIZATION - S.R. 3 AND PARKVIEW DR.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	126 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-016

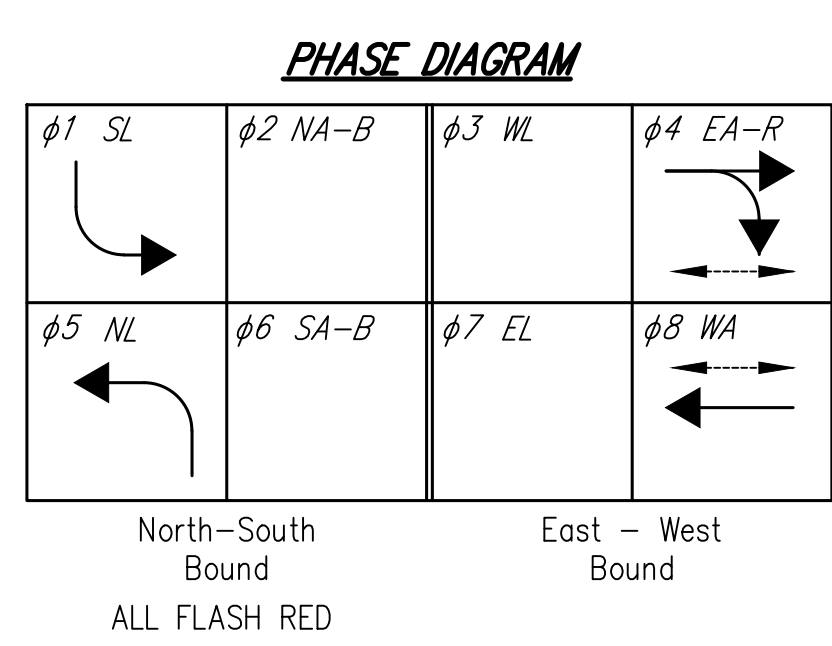


SIGN LEGEND

	Ex. Street Name Sign
	Ex. R3-5 Sign
	Ex. R10-12a Sign
	Signs to remain in place unless noted

LOOP TAGGING TABLE
* DENOTES COUNTING LOOPS

LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-2,3,4	
NL	NL5-1	*
WA	WA8-1	*
SL	SL1-1,2,3,4	ALL
EA	EA4-1,2,3	ALL
ER	ER4-1,2,3	ALL



LEGEND

	Existing 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)		Existing Vehicle Loop Detection
	Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)		New Vehicle Loop Detection
	Realign (Relocated) 1-Way, 4-Section 12" All LED (Red, Amber, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)		Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
	New 12' Pedestal, Pedestrian Head & APS Push Button on Pedestal Fdn. Type A (See Ramp Details for Locations) North / South & East / West Push Buttons - Tone		Relocate or Existing Overhead Signs
	New Pedestrian Indication		SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
			Existing Disconnect Hanger
			New Detector Housing
			New Signal Handhole
			Existing Conduit
			New 2 Inch HDPE Conduit
			Existing Signal Equipment or Cable

NOTES:

- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
- See ramp detail for push button pedestals locations.
- Unused signal handholes are to be removed.

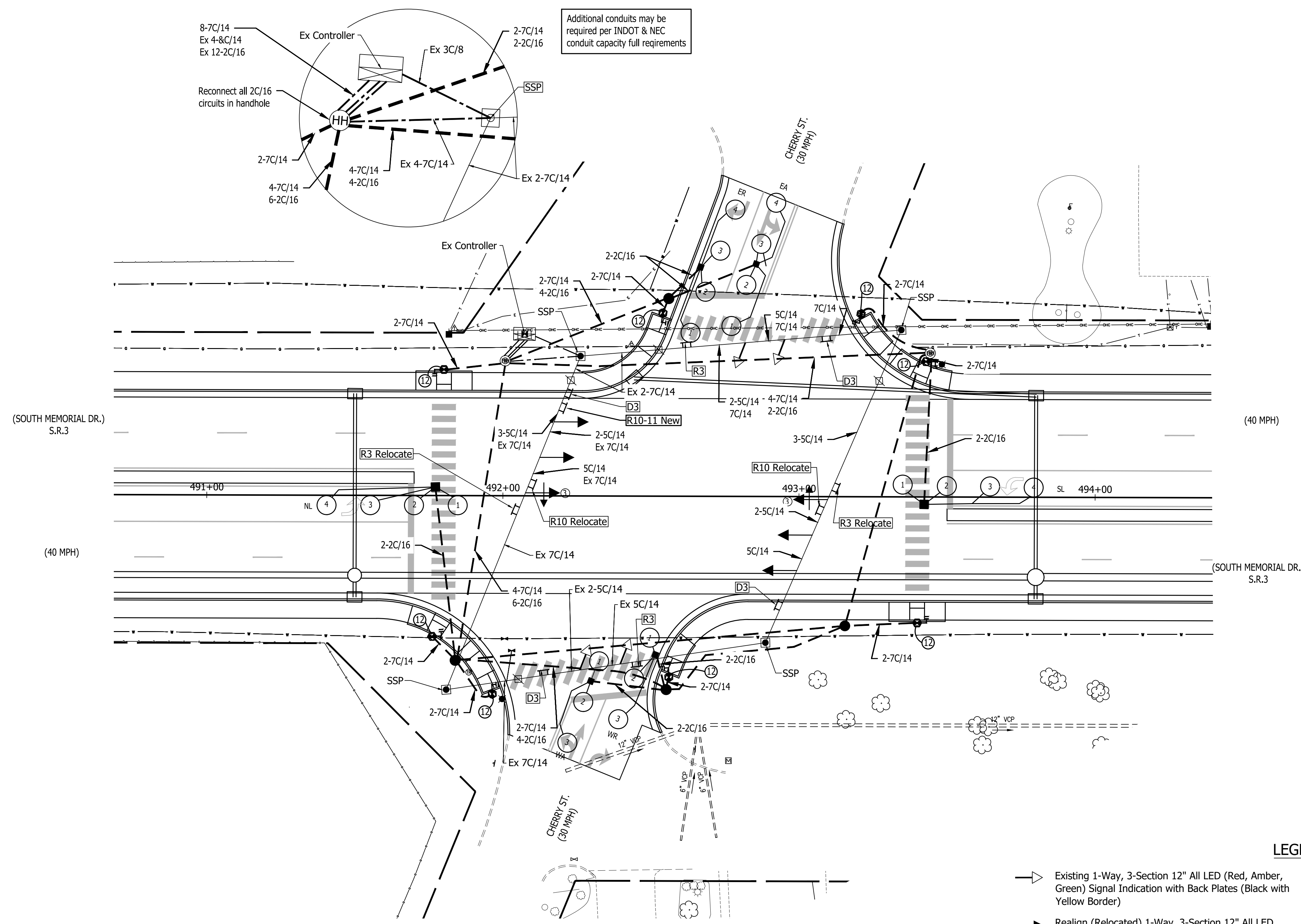
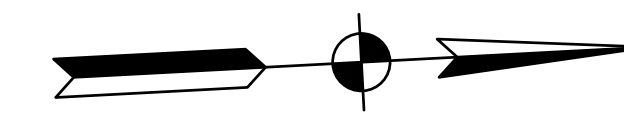
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

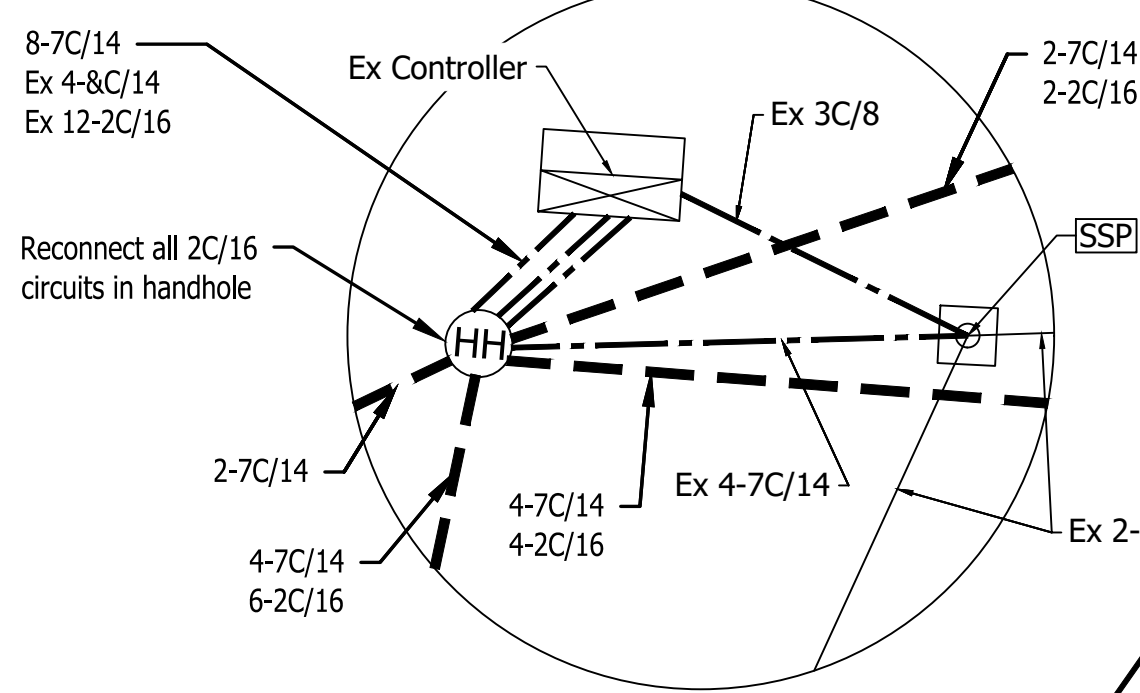
SIGNAL MODERNIZATION - S.R. 3 AND COMM ENTR

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	127 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-019



Additional conduits may be required per INDOT & NEC conduit capacity full requirements



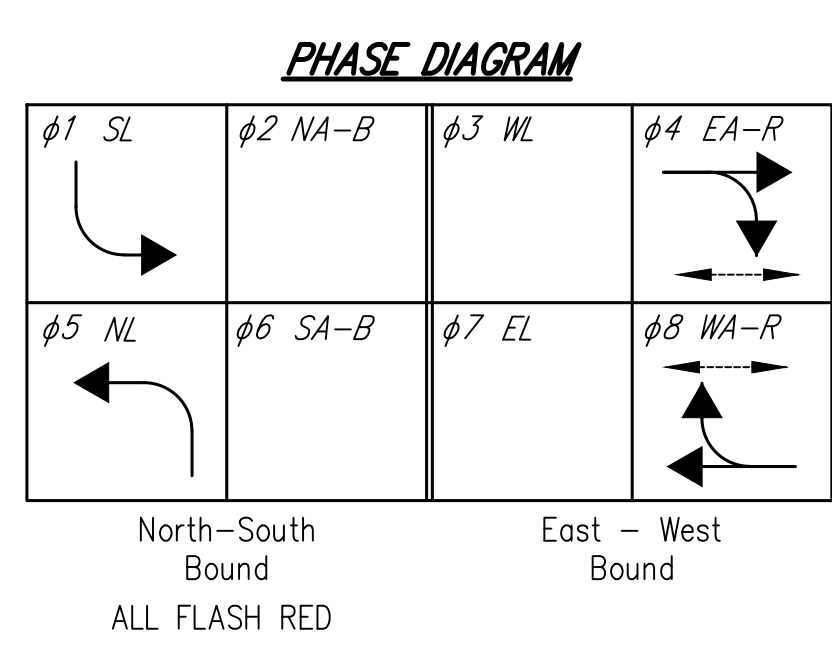
SIGN LEGEND

- D3 Ex. Street Name Sign
 - R3 Ex. R3-5 Sign
 - R10 Ex. R10-12a Sign
- Signs to remain in place unless noted

LEGEND

- Existing 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- New 12' Pedestal, Pedestrian Head & APS Push Button on Pedestal Fdn. Type A (See Ramp Details for Locations) North / South & East / West Push Buttons - Tone
- New Pedestrian Indication
- Existing Vehicle Loop Detection
- New Vehicle Loop Detection
- Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
- Relocate or Existing Overhead Signs
- SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
- Existing Disconnect Hanger
- New Detector Housing
- Existing Handhole
- New Signal Handhole
- Existing Conduit
- New 2 Inch HDPE Conduit
- Existing Signal Equipment or Cable

LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-1,2,3,4	ALL
WA	WA8-2,3	
WA	WA8-1	*
WR	WR8-2,3	
WR	WR8-1	*
SL	SL1-1,2,3,4	ALL
EA	EA4-2,3,4	
EA	EA4-1	*
ER	ER4-2,3,4	
ER	ER4-1	*



- NOTES:
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

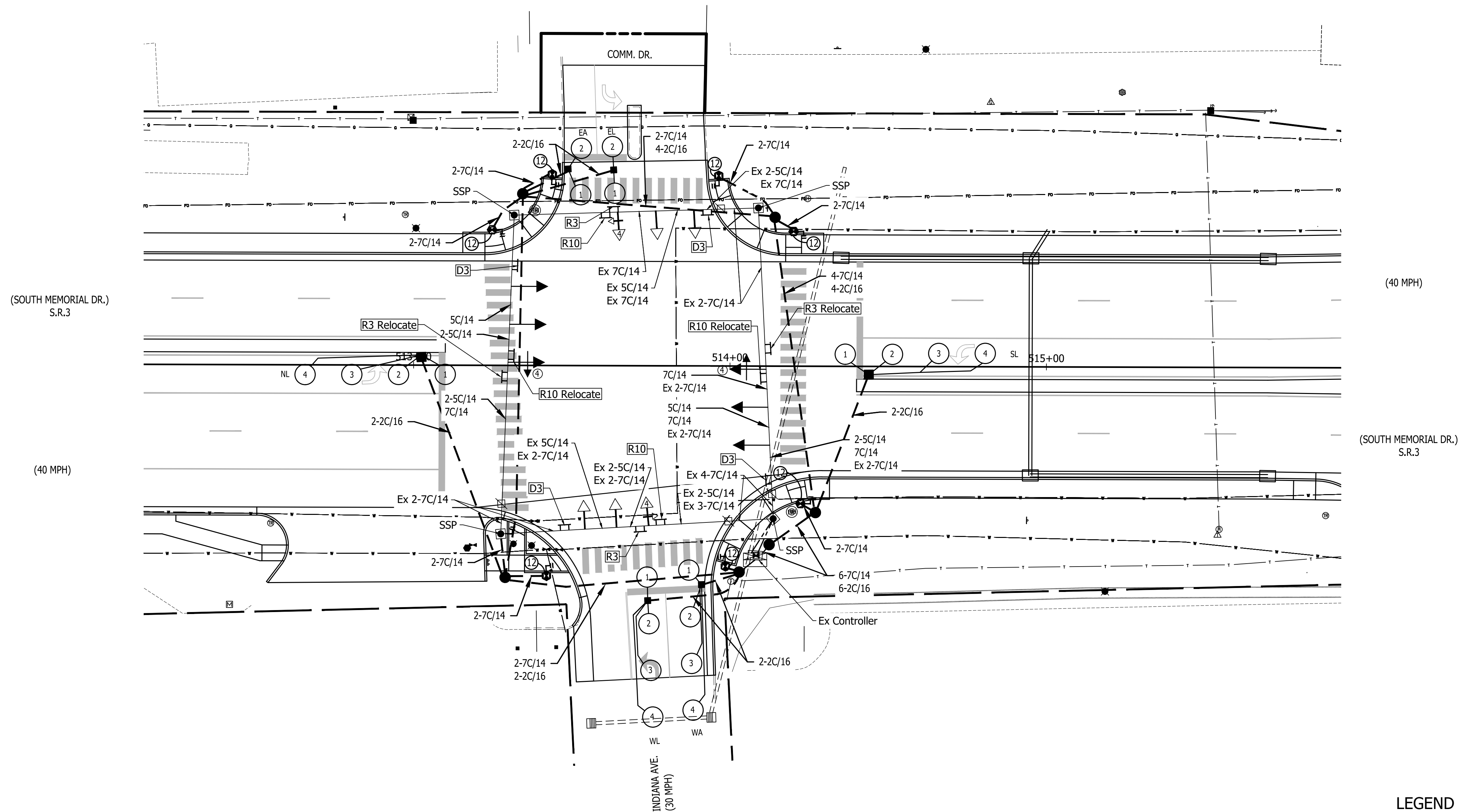
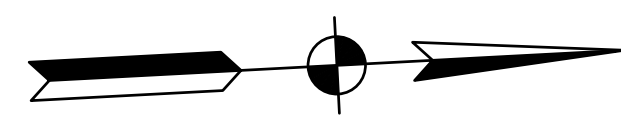
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL MODERNIZATION - S.R. 3 AND CHERRY ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	128 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-019



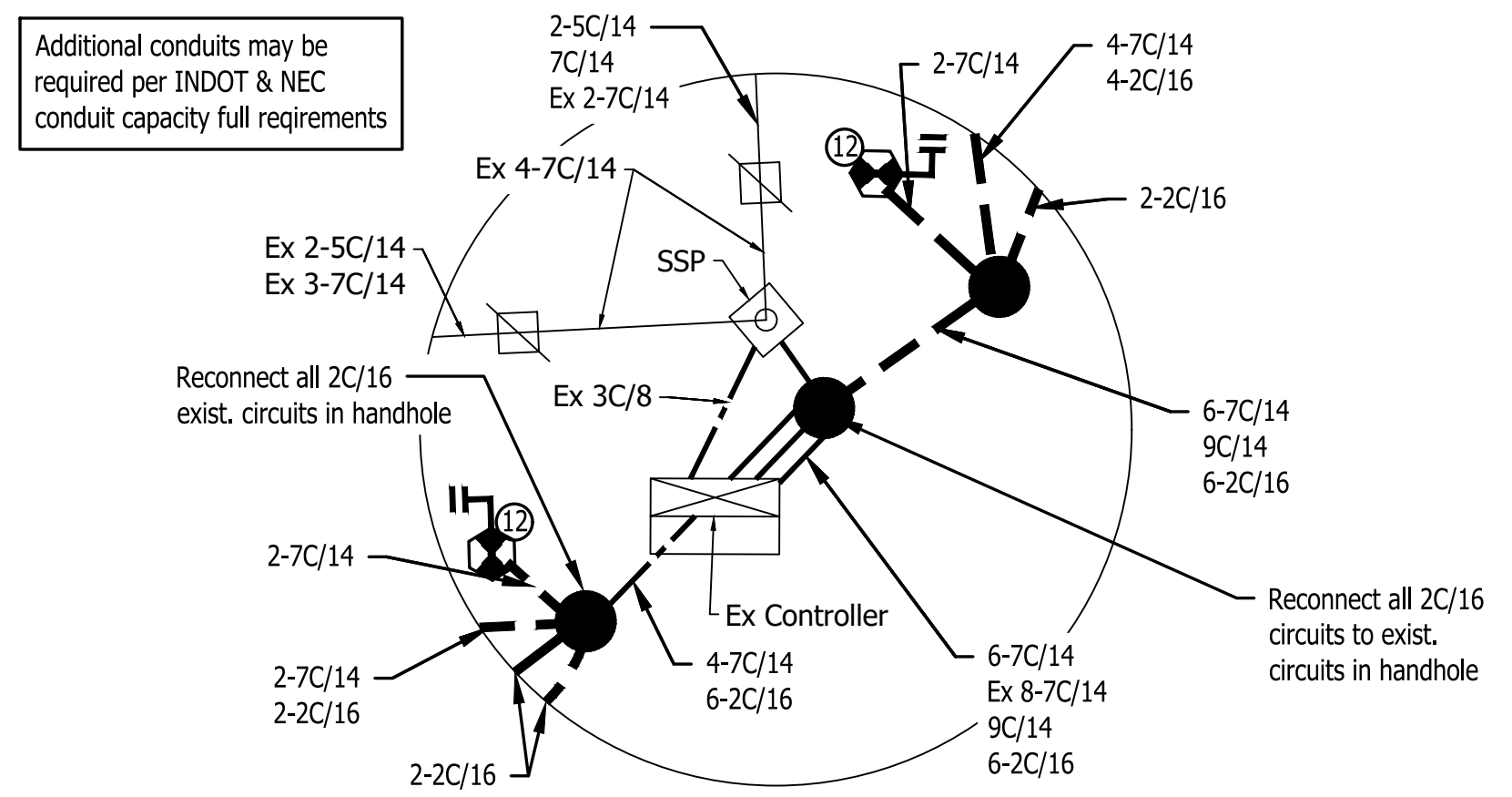
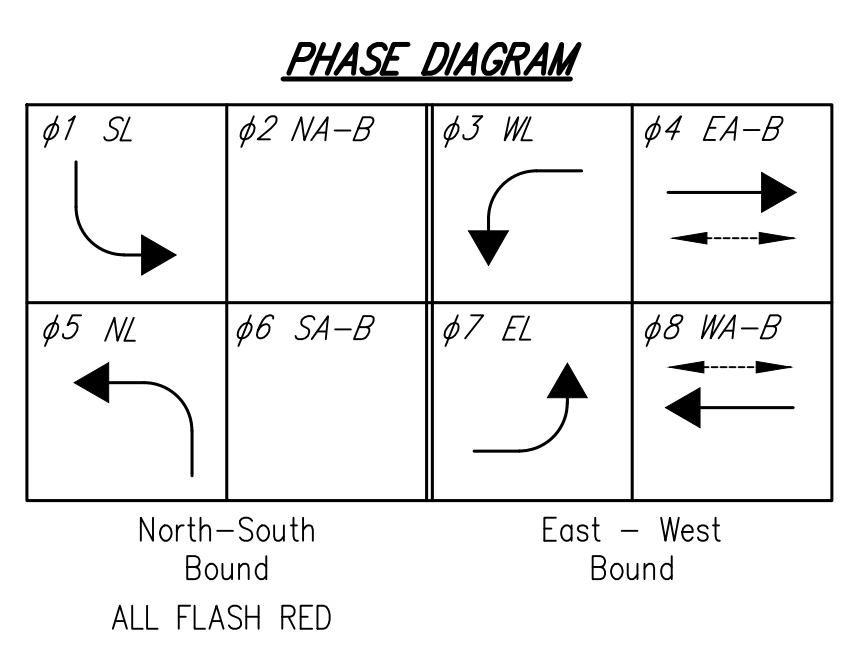
SIGN LEGEND

- D3 Ex. Street Name Sign
- R3 Ex. R3-5 Sign
- R10 Ex. R10-12a Sign
- Signs to remain in place unless noted

LEGEND

- Existing 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 3-Section 12" All LED (Red, Amber, Green) Signal Indication with Back Plates (Black with Yellow Border)
- Existing 1-Way, 4-Section 12" All LED (Red, Amber, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- Realign (Relocated) 1-Way, 4-Section 12" All LED (Red, Amber, Amber Arrow, Green Arrow) Signal Indication with Back Plates (Black with Yellow Border)
- New 12' Pedestal, Pedestrian Head & APS Push Button on Pedestal Fdn. Type A (See Ramp Details for Locations) North / South & East / West Push Buttons - Tones
- New Pedestrian Indication
- 1 Existing Vehicle Loop Detection
- 1 New Vehicle Loop Detection
- Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
- Relocate or Existing Overhead Signs
- SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
- Existing Disconnect Hanger
- New Detector Housing
- Existing Handhole
- New Signal Handhole
- Existing Conduit
- New 2 Inch HDPE Conduit
- Ex Existing Signal Equipment or Cable

LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-2,3,4	
NL	NL5-1	*
WL	WL3-2,3,4	
WL	WL3-1	*
WA	WA8-2,3,4	
WA	WA8-1	*
SL	SL1-1,2,3,4	ALL
EL	EL7-1,2	ALL
EA	EA4-1,2	ALL



- NOTES:
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

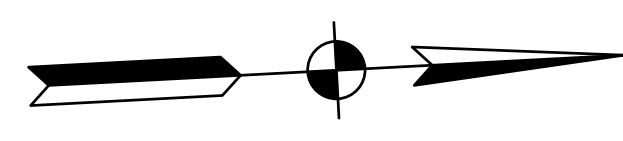
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

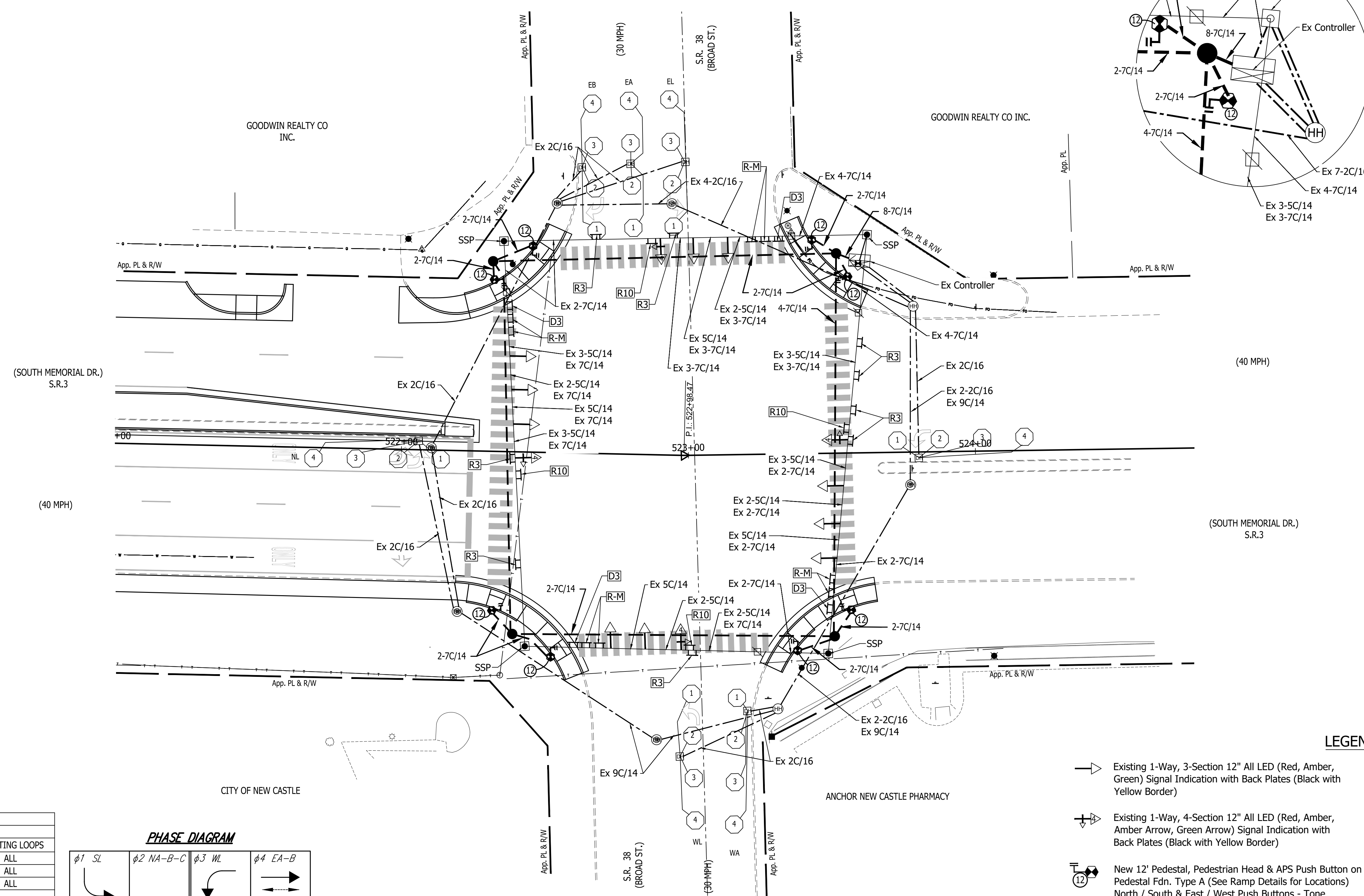
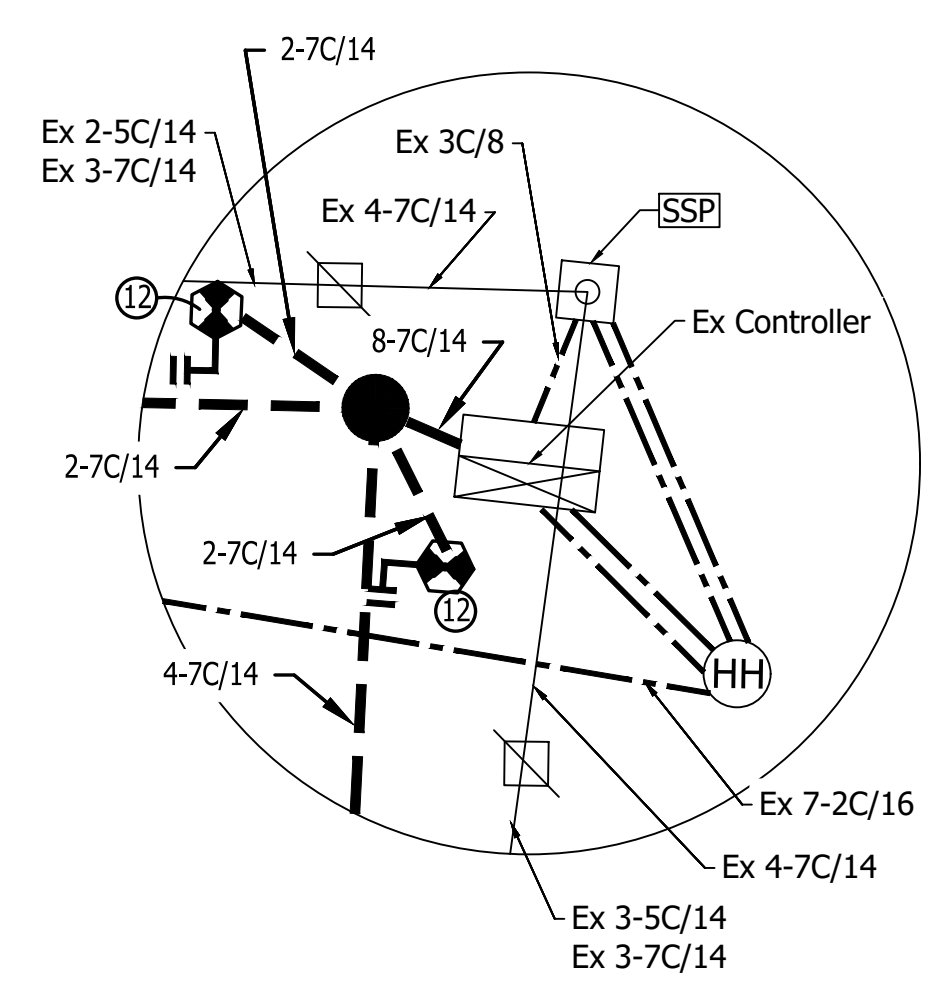
SIGNAL MODERNIZATION - S.R. 3 AND INDIANA AVE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	129 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-020



Additional conduits may be required per INDOT & NEC conduit capacity full requirements



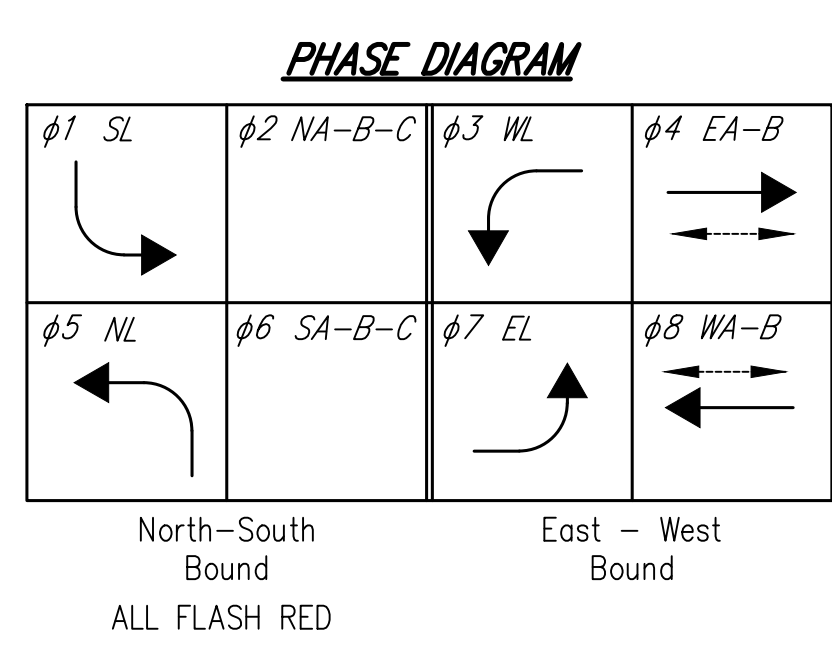
SIGN LEGEND

- D3 Ex. Street Name Sign
 - R3 Ex. R3-5 Sign
 - R10 Ex. R10-12a Sign
 - R-M Route Marker Sign
- Signs to remain in place unless noted

LEGEND

- 1 Existing Vehicle Loop Detection
- 1 New Vehicle Loop Detection
- [Symbol] Existing Controller, 8 Phase, Menu Drive, Secondary, on Existing P-1 Foundation to Remain in Place
- [Symbol] Relocate or Existing Overhead Signs
- [Symbol] SSP Existing Steel Strain Pole on Existing Foundation to Remain in Place
- [Symbol] Existing Disconnect Hanger
- [Symbol] Existing Detector Housing
- [Symbol] Existing Handhole
- [Symbol] New Signal Handhole
- [Symbol] Existing Conduit
- [Symbol] New 2 Inch HDPE Conduit
- [Symbol] Existing Signal Equipment or Cable

LOOP TAGGING TABLE		
* DENOTES COUNTING LOOPS		
LANE	TAG NUMBER	COUNTING LOOPS
NL	NL5-1,2,3,4	ALL
WL	WL3-1,2,3,4	ALL
WA	WA8-1,2,3,4	ALL
SL	SL1-2,3,4	
SL	SL1-1	*
EL	EL7-2,3,4	
EL	EL7-1	*
EA	EA4-2,3,4	
EA	EA4-1	*



- NOTES:
- Existing signal circuits are based on existing plans and are to be verified by the Contractor prior to any construction or replacement of any circuits.
 - See ramp detail for push button pedestals locations.
 - Unused signal handholes are to be removed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: A.M.	
CHECKED: J.L.B.	CHECKED: T.F.S.	

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL MODERNIZATION - S.R. 3 AND BROAD ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1593230
SURVEY BOOK	SHEETS
N/A	130 of 227
CONTRACT	PROJECT
R-39270	1593230

COMM. NO. 01-033-001

Categorical Exclusion
Appendix C
Early Coordination

March 2, 2021

Example Early Coordination Letter

«Agency_1»
«Agency_2»
«Address_1»
«Address_2»
«City», «State» «Zip»

Re: Agencies Early Coordination
Designation (Des.) Number 1593230
Road Project
Located on State Road (SR) 3 from approximately 3.14 miles north of Interstate (I) 70 to SR 38
City of New Castle, Henry County, Indiana

Dear «Position»,

The Indiana Department of Transportation (INDOT) Greenfield District and the Federal Highway Administration (FHWA) propose to proceed with a road project in Henry County, Indiana (Lead Des. Number 1593230). The FHWA is providing funding and is designated as the lead Federal agency. This letter is part of the early coordination phase of the environmental review process; we are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. **Please use the above Des. Number and description in your reply** and we will incorporate your comments into the formal environmental study.

Project Location

The project is located on SR 3 (known locally as South Memorial Drive), from approximately 3.14 miles north of I-70 to SR 38 (known locally as Broad Street) in Henry County, Indiana. The project is within Henry Township, Sections 15, 21, 22, 27, and 28 of Township 17 North, and Range 10 East of the New Castle West U.S. Geological Survey (USGS) Quadrangle. Refer to attached project area maps.

Existing Conditions

This section of SR 3 is classified as a Principal Arterial. Within the project area, SR 3 consists of five 12-foot wide travel lanes (two southbound and three northbound) with a 16-foot wide two-way left turn lane median, with no shoulders or sidewalks. Various small structures are located throughout the project area. A 54.9-foot long, 24-inch diameter corrugated metal pipe (CMP) (no assigned structure number) is located 380 feet north of North Pleasantview Drive. An existing 172-foot long, 5-foot by 5-foot reinforced concrete box culvert with 48-inch diameter CMPs on each end (Structure Number CV 003-033-112.57) is located 310 feet south of Lynn View Drive. Throughout the project area, there are seven signalized intersections. Adjacent land use consists of wooded, commercial, and residential properties. The existing right-of-way varies from approximately 50 feet to 90 feet from the roadway centerline. Refer to attached project area photos.

The primary need for the project is due to the deteriorated condition of the pavement, with secondary

needs of inadequate pedestrian accommodations and drainage issues. Per the Engineer’s Report prepared by First Group Engineering for the INDOT Greenfield District, dated November 8, 2019, the existing pavement has been overlaid, milled, resurfaced, and widened with different materials numerous times over the years. The pavement exhibits numerous patches, failed joints, traverse and longitudinal cracks, spalls, and corner brakes. Therefore, it is no longer cost-effective to continue patching and overlaying SR 3. The purpose of the project is to improve the pavement condition to allow for continued vehicular use within the project area. The secondary purpose of the project is to improve pedestrian accommodations and improve drainage within the project area.

Proposed Conditions

The current proposed project would extend approximately 3.14 miles north of I-70 to SR 38, for a total project length of approximately 2.69 miles. The current proposed project would include a full depth hot mix asphalt (HMA) pavement reconstruction, raised median construction, two-way left turn lane median reconstruction, curb and gutters installation, and sidewalk construction along SR 3. The HMA reconstruction work would occur along the entire length of the project area. The raised median, with various turn lanes throughout, would primarily be constructed within the northern project area, from the northern project area terminus south to Parkside Drive/Trojan Lane. The two-way left turn lane median would primarily be reconstructed within the southern project area, from the Parkside Drive/Trojan Lane south to the southern project terminus (Sherry Lynn Drive). 2.58-foot wide curb and gutter would be constructed along both sides of SR 3. From SR 38 south to Parkside Drive/Trojan Lane, 6-foot wide sidewalks would be constructed adjacent to the back of curb on both sides of SR 3. From Parkside Drive/Trojan Lane south to Sherry Lynn Drive, 6-foot wide sidewalks would be constructed adjacent to the back of curb on the east side of SR 3 only. New drainage inlets and/or castings would be installed along SR 3, with the new installations connecting to the existing manholes and storm sewer trunkline. The existing 54.9-foot long, 24-inch diameter CMP corrugated metal drainage structure would be replaced with a 115-foot long, 36-inch diameter CMP. Structure Number CV 003-033-112.57 would be replaced with a 7-foot diameter smooth circular pipe. Riprap would be placed at the outlet of both structure replacements. No work to the seven signalized intersections would occur.

Up to approximately 0.1 acre of permanent right-of-way would be needed. Construction is anticipated to begin in Spring 2023. The maintenance of traffic (MOT) would involve two phases to allow for continued vehicular traffic northbound and southbound on SR 3. Phase 1 would divert traffic onto the 3 existing northbound lanes, while the southbound side of SR 3 is being constructed. Phase 2 would divert traffic onto the 3 new southbound/two-way left turn lane median travel lanes, while the northbound side of SR 3 is being constructed. Access to all properties would be maintained during construction. Refer to attached preliminary design plans.

To identify potential environmental concerns within the project vicinity, a Red Flag Investigation was performed for a 0.5-mile radius of the project area by RQAW. The Red Flag Investigation noted:

- First Assembly of God Church, Kingdom Hall of Jehovah’s Witness, and South Memorial Drive Church of God are adjacent to the project area. Coordination with each church is occurring via this letter.

- New Castle-Henry County Municipal Airport is located within 3.8 miles of the project area. Coordination with INDOT Office of Aviation is occurring via this letter.
- Your Park is adjacent to the project area. Coordination with the New Castle Parks and Recreation Department is occurring via this letter.
- Three trail segments (potential trails) are located within the project area. Coordination with the City of New Castle is occurring via this letter.
- The project lies within the New Castle Urbanized Area Boundary (UAB). Coordination with the New Castle Municipal Separate Storm Sewer System (MS4) is occurring via this letter.
- Various hazardous material concerns are mapped within and/or adjacent to the project area. Coordination with the INDOT Site Assessment & Management is occurring separately.

RQAW performed a field visit on October 12, 2020 to identify any ecological resources present within the project area. Three streams (Elliott Run, Cemetery Run, and Mound Run) and seven wetlands (Wetlands A to G) were observed within or adjacent to the project area. Of the seven wetlands, five wetlands (Wetland A and Wetlands D-G) were identified to be within the project area. RQAW is preparing a *Waters of the U.S. Report* documenting these resources.

The project qualifies for the application of the U.S. Fish and Wildlife (USFWS) range-wide programmatic informal consultation for the Indiana bat and northern long-eared bat. Project information is being submitted through the USFWS Information for Planning and Consultation (IPac) separately.

RQAW is also investigating the Area of Potential Effect (APE) for archaeological and historic resources for compliance with Section 106. The project is anticipated to qualify for the Minor Projects Programmatic Agreement under Category B. Coordination with INDOT Cultural Resources Office (CRO) will occur.

If we do not receive your response within 30 calendar days from the date of this letter, it will be assumed your agency feels there will be no adverse effects incurred because of the project. However, if you feel an extension to the response time is necessary, a reasonable amount may be granted upon request. If you have any questions regarding this matter, please contact Stephanie Verhoff of the Environmental Department at RQAW at 317-588-1798 or sverhoff@rqaw.com and Nathan Riggs at 317-467-3986 or nriggs@indot.in.gov.

Thank you in advance for your input,

A handwritten signature in black ink that reads 'Stephanie Verhoff'.

Stephanie Verhoff
RQAW | Environmental Department

Omitted to avoid duplication. See graphics in Appendix B of this CE document.

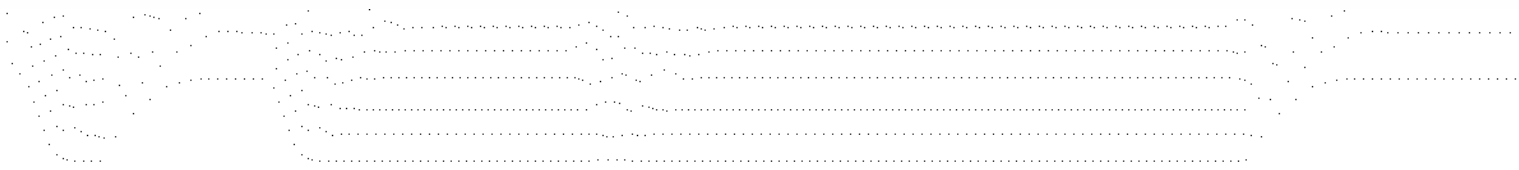
Appendices:

- Appendix A: Project Area Maps and Photographs
- Appendix B: Preliminary Project Plans

Cc:

- INDOT Greenfield District (electronic coordination)
- FHWA (electronic coordination)
- NRCS (electronic coordination)
- IDNR Division of Fish and Wildlife (electronic coordination)
- USHUD (electronic coordination)
- USACE Louisville District (electronic coordination)
- Local Floodplain Administrator (electronic coordination)
- National Park Service, Midwest Regional Office (electronic coordination)
- New Castle Utilities (electronic coordination)
- INDOT Office of Aviation (electronic coordination)
- IDEM (electronic submission)
- Indiana Geological Survey (electronic submission)
- IDEM Ground Water Section (electronic query)
- Henry County Council
- Henry County Board of Commissioners
- Henry County Surveyor's Office
- Henry County Highway Department
- New Castle Municipal Separate Storm Sewer System (MS4)
- First Assembly of God Church
- Kingdom Hall of Jehovah's Witness
- South Memorial Drive Church of God
- New Castle Parks and Recreation Department
- New Castle Mayor
- New Castle Street Commissioner
- New Castle Public Works

After early coordination was sent, it was determined that temporary right-of-way would be needed at five areas (commercial entrances) for traffic light signal improvements. Because there are no additional resources not previously described in the early coordination letter located within the proposed temporary right-of-way areas, re-coordination with resource agencies was not needed.





Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 North Senate Avenue - Indianapolis, IN 46204
(800) 451-6027 - (317) 232-8603 - www.idem.IN.gov

INDOT Greenfield District

32 South Broadway
Greenfield , IN 46140

Date March 2, 2021

RQAW

Stephanie Verhoff
8770 North Street
Ste 110
Fishers , IN 46038

To Engineers and Consultants Proposing Roadway Construction Projects:

RE: The INDOT Greenfield District and the FHWA propose to proceed with a road project in Henry County, Indiana (Lead Des. Number 1593230). The project is located on SR 3, from approximately 3.14 miles north of I-70 to SR 38 in Henry County, Indiana. The current proposed project would include a full depth hot mix asphalt pavement reconstruction, raised median construction, two-way left turn lane median reconstruction, curb and gutters installation, and sidewalk construction along SR 3. Up to approximately 0.1 acre of right-of-way would be needed. The maintenance of traffic would involve two phases to allow for continued vehicular traffic on SR 3. Three streams (Elliott Run, Cemetery Run, and Mound Run) and seven wetlands (Wetlands A to G) were observed within or adjacent to the project area.

This letter from the Indiana Department of Environmental Management (IDEM) serves as a standardized response to enquiries inviting IDEM comments on roadway construction, reconstruction, or other improvement projects within existing roadway corridors when the proposed scope of the project is beneath the threshold requiring a formal National Environmental Policy Act-mandated Environmental Assessment or Environmental Impact Statement. As the letter attempts to address all roadway-related environmental topics of potential concern, it is possible that not every topic addressed in the letter will be applicable to your particular roadway project.

For additional information on specific roadway-related topics of interest, please visit the appropriate Web pages cited below, many of which provide contact information for persons within the various program areas who can answer questions not fully addressed in this letter. Also please be mindful that some environmental requirements may be subject to change and so each person intending to include a copy of this letter in their project documentation packet is advised to download the most recently revised version of the letter; found at: <http://www.in.gov/idem/5283.htm> (<http://www.in.gov/idem/5283.htm>).

To ensure that all environmentally-related issues are adequately addressed, IDEM recommends that you read this letter in its entirety, and consider each of the following issues as you move forward with the planning of your proposed roadway construction, reconstruction, or improvement project:

WATER AND BIOTIC QUALITY

1. Section 404 of the Clean Water Act requires that you obtain a permit from the U.S. Army Corps of Engineers (USACE) before discharging dredged or fill materials into any wetlands or other waters, such as rivers, lakes, streams, and ditches. Other activities regulated include the relocation, channelization, widening, or

other such alteration of a stream, and the mechanical clearing (use of heavy construction equipment) of wetlands. Thus, as a project owner or sponsor, it is your responsibility to ensure that no wetlands are disturbed without the proper permit. Although you may initially refer to the U.S. Fish and Wildlife Service National Wetland Inventory maps as a means of identifying potential areas of concern, please be mindful that those maps do not depict jurisdictional wetlands regulated by the USACE or the Department of Environmental Management. A valid jurisdictional wetlands determination can only be made by the USACE, using the 1987 Wetland Delineation Manual.

USACE recommends that you have a consultant check to determine whether your project will abut, or lie within, a wetland area. To view a list of consultants that have requested to be included on a list posted by the USACE on their Web site, see USACE Permits and Public Notices (<http://www.lrl.usace.army.mil/orf/default.asp>) (<http://www.lrl.usace.army.mil/orf/default.asp>) and then click on "Information" from the menu on the right-hand side of that page. Their "Consultant List" is the fourth entry down on the "Information" page. Please note that the USACE posts all consultants that request to appear on the list, and that inclusion of any particular consultant on the list does not represent an endorsement of that consultant by the USACE, or by IDEM.

Much of northern Indiana (Newton, Lake, Porter, LaPorte, St. Joseph, Elkhart, LaGrange, Steuben, and Dekalb counties; large portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and lesser portions of Benton, White, Pulaski, Kosciusko, and Wells counties) is served by the USACE District Office in Detroit (313-226-6812). The central and southern portions of the state (large portions of Benton, White, Pulaski, Kosciusko, and Wells counties; smaller portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and all other Indiana counties located in north-central, central, and southern Indiana) are served by the USACE Louisville District Office (502-315-6733).

Additional information on contacting these U.S. Army Corps of Engineers (USACE) District Offices, government agencies with jurisdiction over wetlands, and other water quality issues, can be found at <http://www.in.gov/idem/4396.htm> (<http://www.in.gov/idem/4396.htm>). IDEM recommends that impacts to wetlands and other water resources be avoided to the fullest extent.

2. In the event a Section 404 wetlands permit is required from the USACE, you also must obtain a Section 401 Water Quality Certification from the IDEM Office of Water Quality Wetlands Program. To learn more about the Wetlands Program, visit: <http://www.in.gov/idem/4384.htm> (<http://www.in.gov/idem/4384.htm>).
3. If the USACE determines that a wetland or other water body is isolated and not subject to Clean Water Act regulation, it is still regulated by the state of Indiana. A State Isolated Wetland permit from IDEM's Office of Water Quality (OWQ) is required for any activity that results in the discharge of dredged or fill materials into isolated wetlands. To learn more about isolated wetlands, contact the OWQ Wetlands Program at 317-233-8488.
4. If your project will involve over a 0.5 acre of wetland impact, stream relocation, or other large-scale alterations to water bodies such as the creation of a dam or a water diversion, you should seek additional input from the OWQ Wetlands Program staff. Consult the Web at: <http://www.in.gov/idem/4384.htm> (<http://www.in.gov/idem/4384.htm>) for the appropriate staff contact to further discuss your project.
5. Work within the one-hundred year floodway of a given water body is regulated by the Department of Natural Resources, Division of Water. The Division issues permits for activities regulated under the follow statutes:
 - o IC 14-26-2 Lakes Preservation Act 312 IAC 11
 - o IC 14-26-5 Lowering of Ten Acre Lakes Act No related code
 - o IC 14-28-1 Flood Control Act 310 IAC 6-1