

PROJECT	DESIGNATION
2100034	2100034
CONTRACT	
R-43994	

INDIANA DEPARTMENT OF TRANSPORTATION



Note to Reviewer:
The existing posted speed on SR 45 is 50 mph. INDOT Vincennes District is pursuing changing the posted speed on SR 45 to 40 mph.

ROAD PLANS

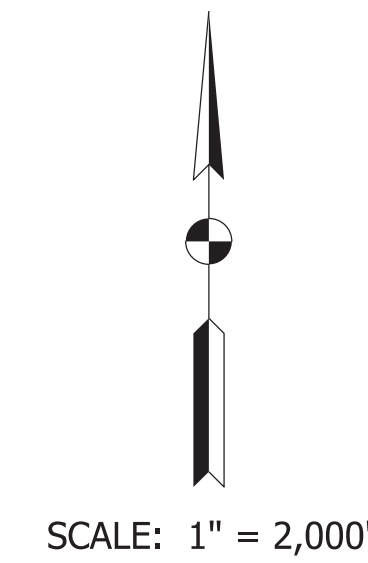
ROUTE: SR 45 FROM: RP 23+50 TO: RP 23+68
PROJECT NO. 2100034 P.E.
2100034 R/W
2100034 CONST.

INTERSECTION IMPROVEMENT (ROUNDBOUT) AT SR 45 AND SR 445
LOCATED 1.50 MILES WEST OF I-69
SECTION 14, T-7-N, R-3-W IN CENTER TOWNSHIP OF GREENE COUNTY, INDIANA

END PROJECT
STA. 1087+51.00 "S-SR45-C"

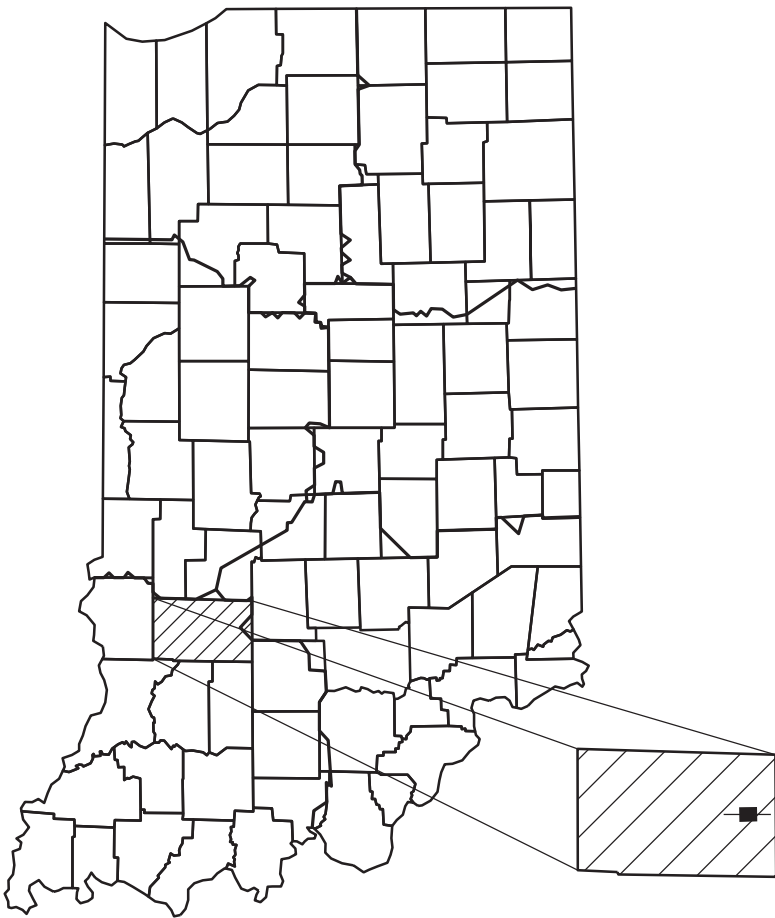
BEGIN CONSTRUCTION
STA. 126+50.00 "C"

BEGIN PROJECT
STA. 1083+01.35 "S-SR45-C"



TRAFFIC DATA		SR 45
A.A.D.T.	(2026)	5,371 V.P.D.
A.A.D.T.	(2046)	5,371 V.P.D.
D.H.V	(2046)	560 V.P.H.
DIRECTIONAL DISTRIBUTION		49.39% POSITIVE
TRUCKS		3.87% A.A.D.T. 1.25% D.H.V.
DESIGN DATA		SR 45
DESIGN SPEED		50 MPH
PROJECT DESIGN CRITERIA		3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION		STATE COLLECTOR
RURAL/URBAN		RURAL
TERRAIN		LEVEL
ACCESS CONTROL		NONE

TRAFFIC DATA		SR 445
A.A.D.T.	(2026)	4,911 V.P.D.
A.A.D.T.	(2046)	4,911 V.P.D.
D.H.V	(2046)	476 V.P.H.
DIRECTIONAL DISTRIBUTION		49.99% POSITIVE
TRUCKS		6.05% A.A.D.T. 2.10% D.H.V.
DESIGN DATA		SR 445
DESIGN SPEED		50 MPH
PROJECT DESIGN CRITERIA		3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION		STATE COLLECTOR
RURAL/URBAN		RURAL
TERRAIN		LEVEL
ACCESS CONTROL		NONE



PROJECT LOCATION SHOWN BY ■
GREENE COUNTY

LATITUDE: 39°02'25.44"N LONGITUDE: 86°42'56.52"W

GROSS LENGTH: 0.210 MI.
NET LENGTH: 0.210 MI.
MAX. GRADE: 4.10 %

HYDROLOGIC UNIT CODES	
05120202040040, 05120208110010	

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

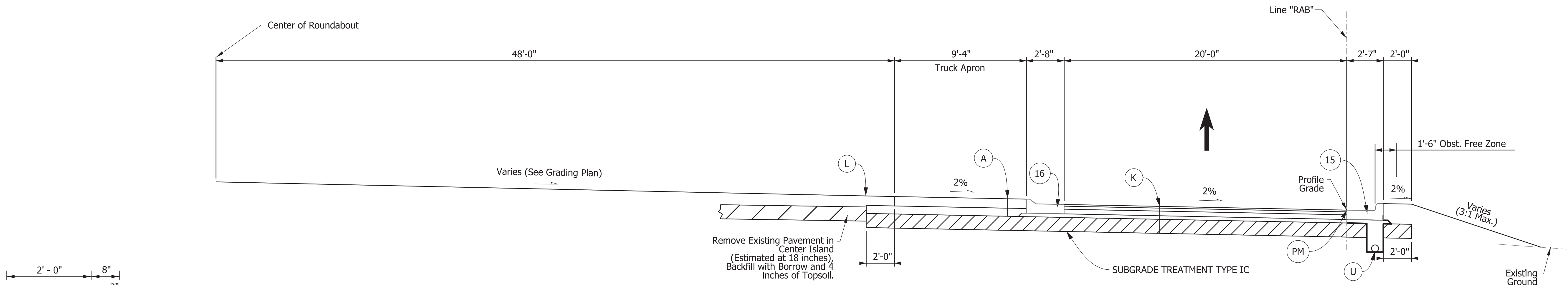
STAGE 2 SUBMITTAL
September 19, 2024

BURGESS & NIPLÉ
Engineers ■ Architects ■ Planners

251 N. ILLINOIS ST.
CAPITOL CENTER SUITE 920
INDIANAPOLIS, IN 46221
PHONE (317) 237-2760
FAX (317) 237-2755

PLANS PREPARED BY:	BURGESS & NIPLÉ, INC.	(317) 237-2760 PHONE NUMBER
PREPARED BY:		DATE
RECOMMENDED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

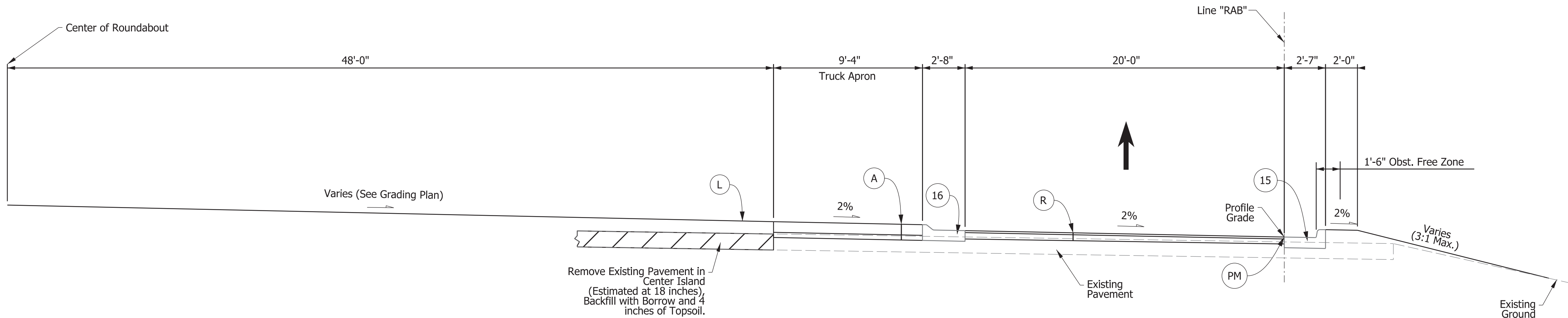
BRIDGE FILE		
N/A		
DESIGNATION 2100034		
SHEETS		
1	of	61
CONTRACT R-43994	PROJECT 2100034	



TYPICAL SECTION - CIRCULATORY ROADWAY

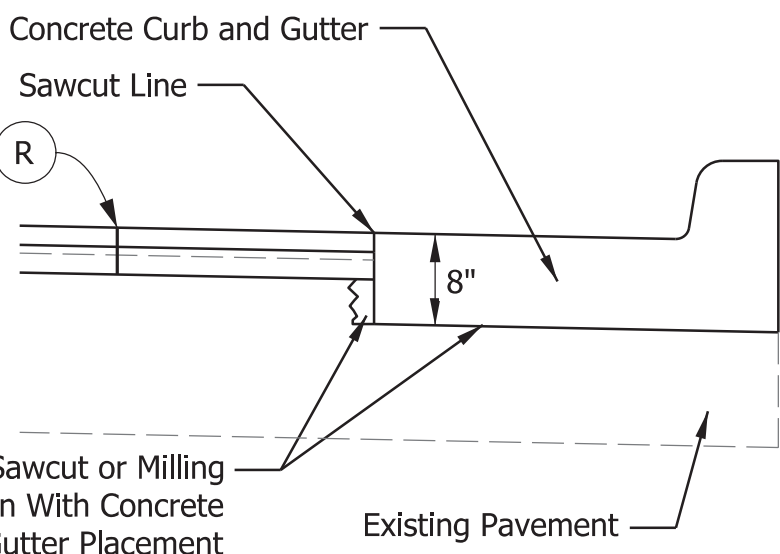
Sta. 0+00.00 to Sta. 0+72.50 Line "RAB"
Sta. 4+30.00 to Sta. 5+02.65 Line "RAB"

16 MODIFIED COMBINED CONCRETE CURB AND GUTTER, TYPE B (SLOPING) DETAIL



TYPICAL SECTION - CIRCULATORY ROADWAY

Sta. 0+72.50 to Sta. 4+30.00 Line "RAB"



DETAIL FOR FILLING VOIDS ALONG PROPOSED CURB AND GUTTER

Note to Reviewer:
Assumed Pavement Design.

LEGEND

- (A) PCCP - THICKNESS TBD
- (F) SIDEWALK, CONCRETE, 4"
- (L) LANDSCAPING - TBD

- (K) FULL DEPTH HMA
165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON
275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON
440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
SUBGRADE TREATMENT, TYPE 1C
- (R) HMA FOR RESURFACING
165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON
VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON
1.5" SURFACE MILLING, HMA

- (15) COMBINED CONCRETE CURB & GUTTER (VERTICAL)
- (16) COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED
- (J2) COMPACTED AGGREGATE NO. 53

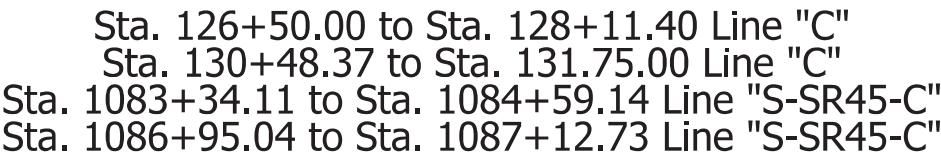
- (PM) PAVEMENT MARKINGS
- (U) 6" UNDERDRAIN
- (50) MILLED PCCP CORRUGATIONS, CONVENTIONAL

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

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'	N/A
	DESIGNATION
	2100034
SURVEY BOOK	SHEETS
	3 of 61
CONTRACT	PROJECT
R-43994	2100034



Note to Reviewer:
Assumed Pavement Design.

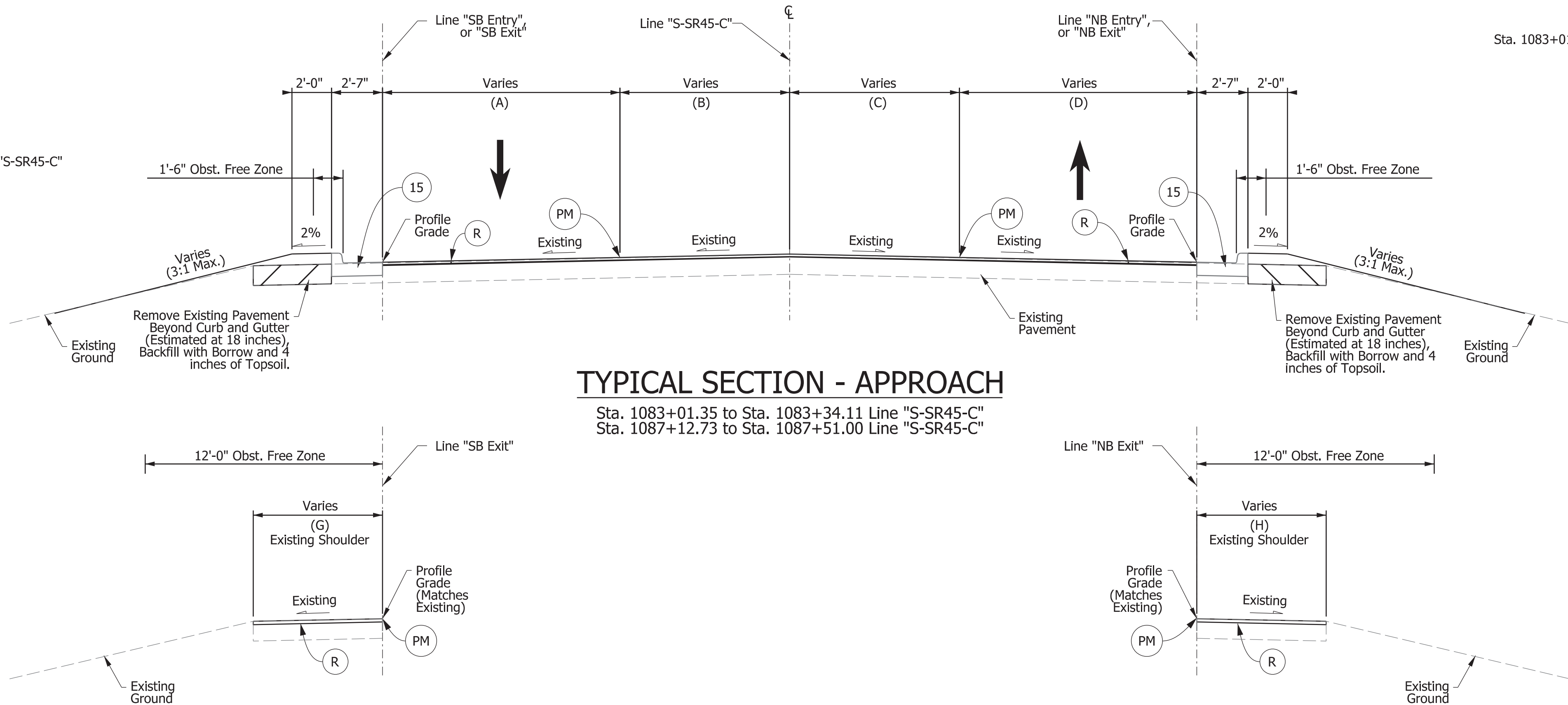
Plot: 9/17/2024 7:22 AM

LEGEND				INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1/4" = 1'	BRIDGE FILE N/A
(A)	PCCP - THICKNESS TBD	(K)	FULL DEPTH HMA 165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON 275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON 440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON 330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON SUBGRADE TREATMENT, TYPE 1C	(15)	COMBINED CONCRETE CURB & GUTTER (VERTICAL)		DESIGNATION 2100034
(F)	SIDEWALK, CONCRETE, 4"	(R)	HMA FOR RESURFACING 165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON 1.5" SURFACE MILLING, HMA	(16)	COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED	SURVEY BOOK	
(L)	LANDSCAPING - TBD			(J2)	COMPACTED AGGREGATE NO. 53	SHEETS	
				(PM)	PAVEMENT MARKINGS	5 of 61	
				(U)	6" UNDERDRAIN	CONTRACT	
				(50)	MILLED PCCP CORRUGATIONS, CONVENTIONAL	R-43994	
				RECOMMENDED FOR APPROVAL		TYPICAL SECTIONS	
				DESIGNED: _____ RWM			
				DRAWN: _____ RWM			
				CHECKED: _____ JRA			
				DATE			

Note to Reviewer:
Assumed Pavement Design.

TYPICAL SECTION - APPROACH

Sta. 1083+01.35 to Sta. 1083+34.11 Line "S-SR45-C"
Sta. 1087+12.73 to Sta. 1087+51.00 Line "S-SR45-C"

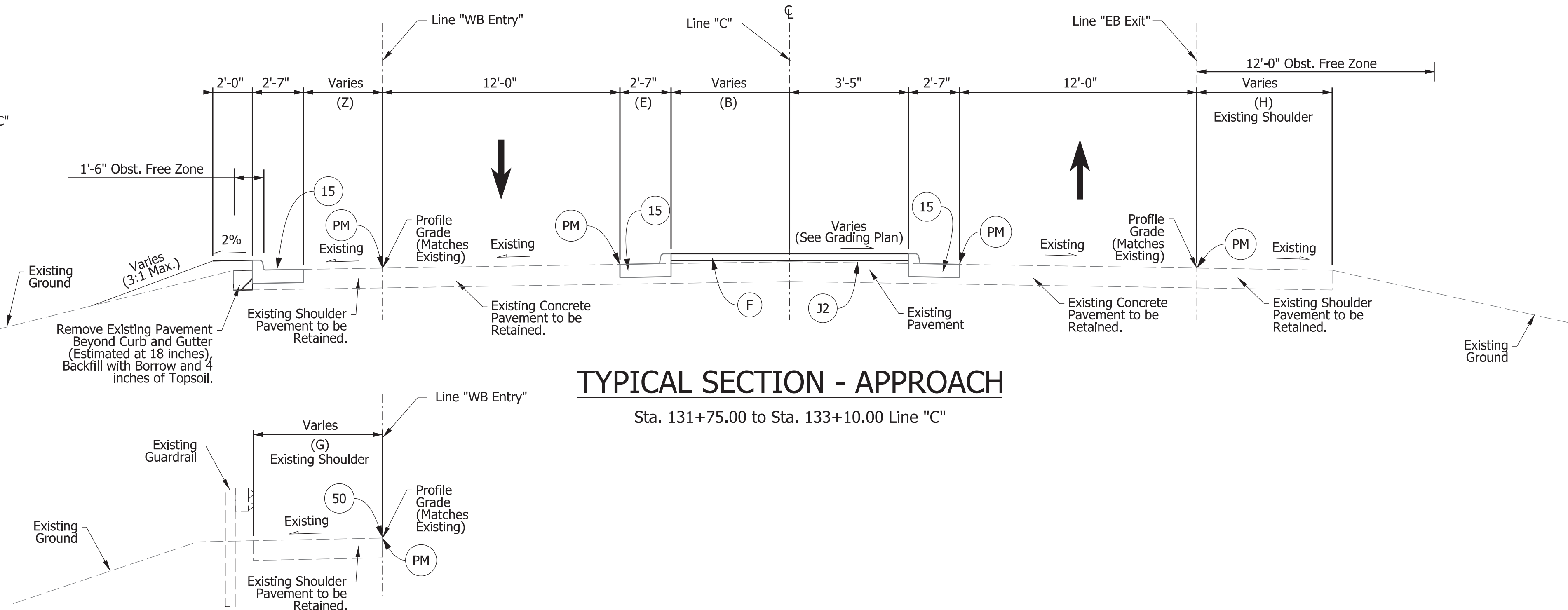


Paved Shoulder Section Left
Sta. 1083+01.35 to Sta. 1083+18.44 "Line "S-SR45-C"

Paved Shoulder Section Right
Sta. 1087+31.00 to Sta. 1087+51.00 "Line "S-SR45-C"

TYPICAL SECTION - APPROACH

Sta. 131+75.00 to Sta. 133+10.00 Line "C"



Paved Shoulder Section Left
Sta. 132+49.21 to Sta. 133+10.00 "Line "C"

(H) = Line "C"
Sta. 131+75.00 to 133+10.00 Varies, 7.58' to 8.10'

(B) = Line "C"
Sta. 131+75.00 to 133+10.00 Varies, 3.71' Lt. of "C" to 0.41' Lt. of "C"

(E) = Line "C"
Sta. 132+42.50 to 133+10.00 Varies, 2.58' to 4.83'

(Z) = Line "C"
Sta. 131+75.00 to 132+49.21 Varies, 0' to 6.12'

(G) = Line "C"
Sta. 132+49.21 to 133+10.00 Varies, 7.35' to 10.55'

(A) = Line "S-SR45-C"
Sta. 1083+01.35 to 1083+18.44 12.00'
Sta. 1083+18.44 to 1083+34.11 Varies, 12.00' to 12.49'
Sta. 1087+12.73 to 1087+51.00 12.00'

(B) = Line "S-SR45-C"
Sta. 1083+01.35 to 1083+34.11 0.00' from "S-SR45-C"
Sta. 1087+12.73 to 1087+51.00 Varies, 8.00' Lt. of "S-SR45-C" to 5.56' Lt. of "S-SR45-C"

(C) = Line "S-SR45-C"
Sta. 1083+01.35 to 1083+34.11 Varies, 5.84' Rt. of "S-SR45-C" to 8.00' Rt. of "S-SR45-C"
Sta. 1087+12.73 to 1087+51.00 0.00' from "S-SR45-C"

(D) = Line "S-SR45-C"
Sta. 1083+01.35 to 1083+34.11 12.00'
Sta. 1087+12.73 to 1087+31.00 Varies, 12.55' to 12.00'
Sta. 1087+31.00 to 1087+51.00 12.00'

(H) = Line "S-SR45-C"
Sta. 1087+31.00 to 1087+51.00 Varies, 9.47' to 9.00'

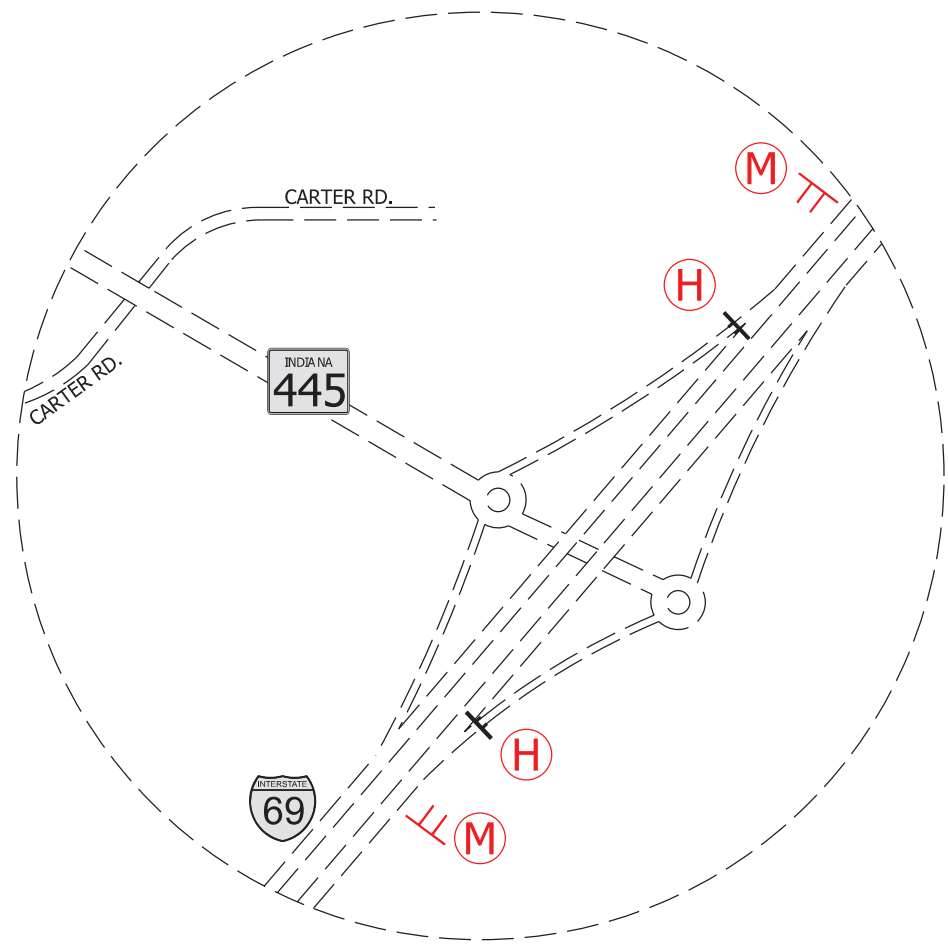
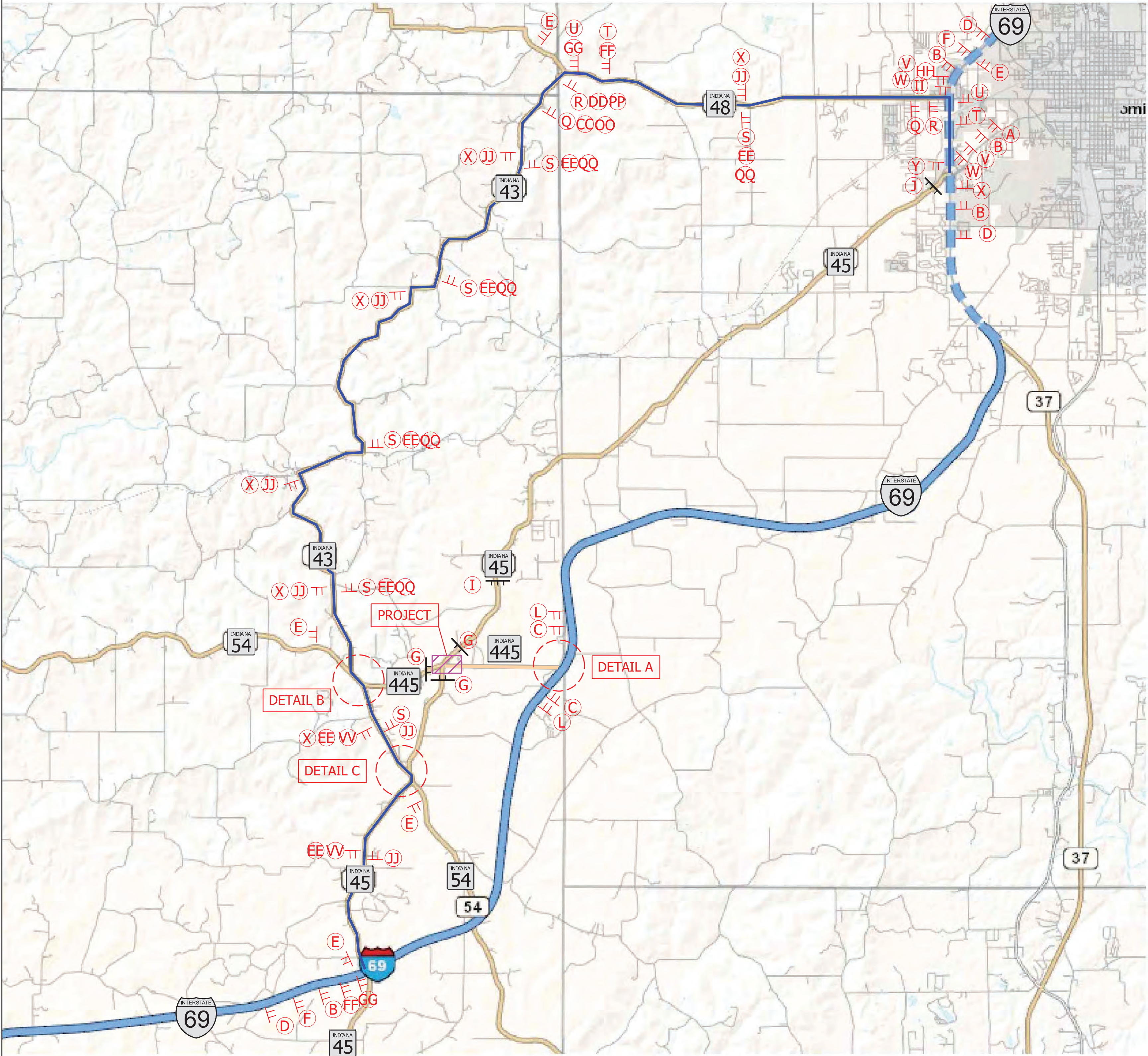
(G) = Line "S-SR45-C"
Sta. 1083+01.35 to 1083+18.44 Varies, 7.96' to 9.45'



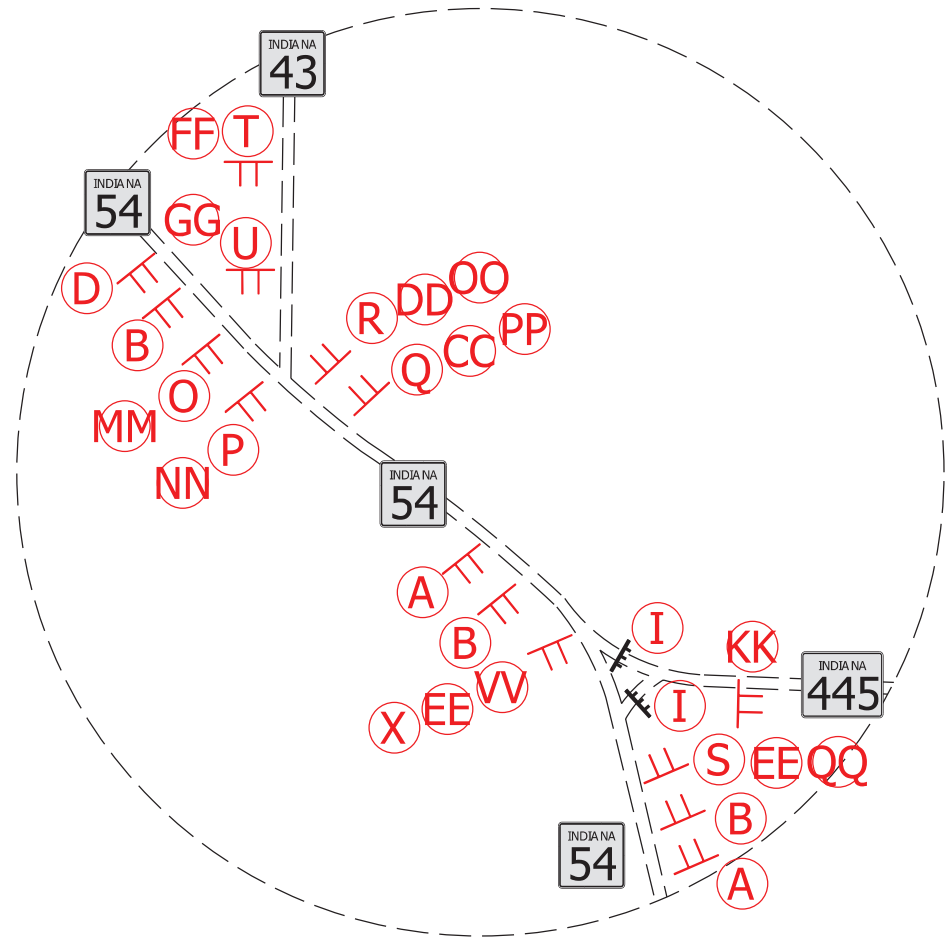
(K) FULL DEPTH HMA
165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON
275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON
440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
SUBGRADE TREATMENT, TYPE 1C

(R) HMA FOR RESURFACING
165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON
VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON
1.5" SURFACE MILLING, HMA

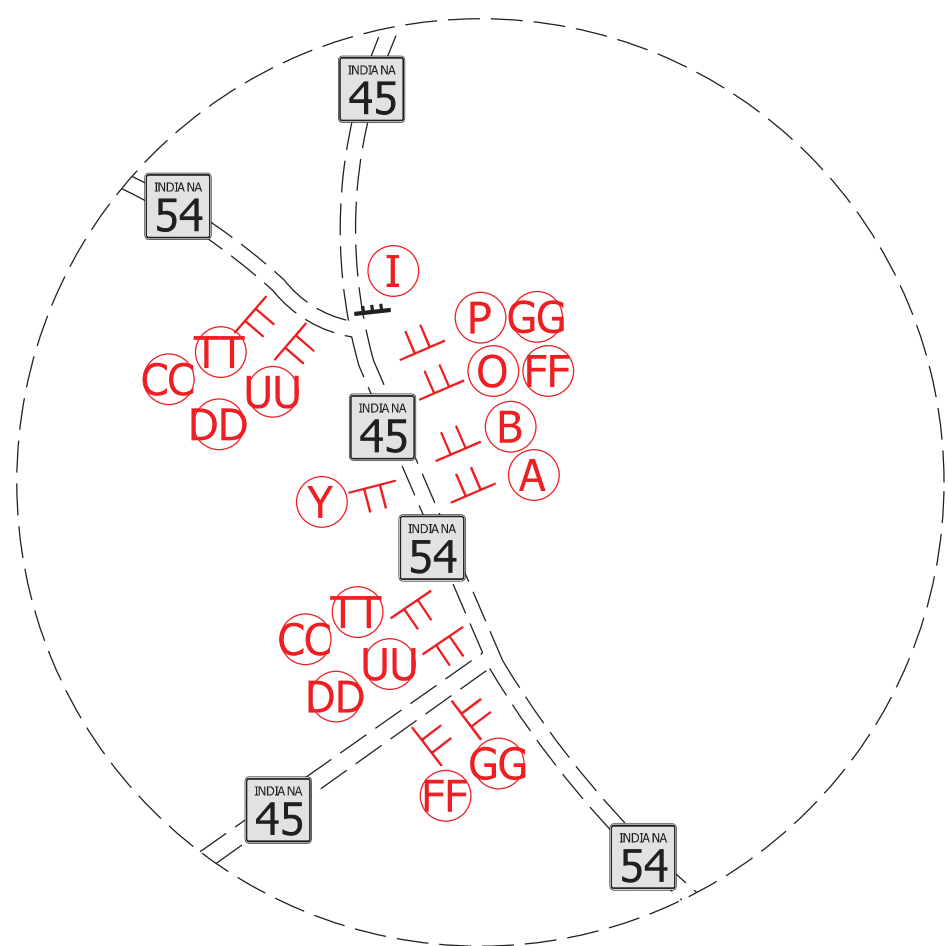
LEGEND A PCCP - THICKNESS TBD F SIDEWALK, CONCRETE, 4" L LANDSCAPING - TBD		K FULL DEPTH HMA 165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON 275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON 440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON 330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON SUBGRADE TREATMENT, TYPE 1C R HMA FOR RESURFACING 165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON 1.5" SURFACE MILLING, HMA		15 COMBINED CONCRETE CURB & GUTTER (VERTICAL) PM PAVEMENT MARKINGS		16 COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED U 6" UNDERDRAIN		J2 COMPACTED AGGREGATE NO. 53 50 MILLED PCCP CORRUGATIONS, CONVENTIONAL		RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____ DESIGNED: _____ RWM DRAWN: _____ RWM CHECKED: _____ JRA CHECKED: _____ JRA		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1/4" = 1' BRIDGE FILE N/A DESIGNATION 2100034		SURVEY BOOK CONTRACT R-43994 SHEETS 6 of 61 PROJECT 2100034		TYPICAL SECTIONS	
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DETAIL A - EXIT 104 INTERCHANGE



DETAIL B

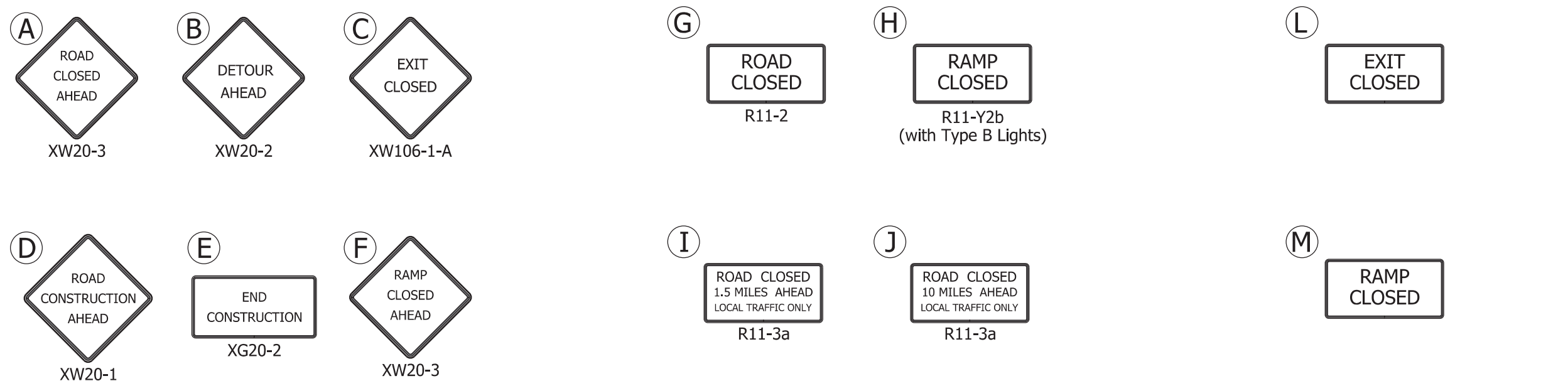


DETAIL C

SEE NEXT SHEET FOR SIGN LEGEND.

Plot: 9/17/2024 7:23 AM	LEGEND:			RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE 1" = 5000'	BRIDGE FILE N/A
	 CONSTRUCTION AREA	 BARRICADE TYPE III-A					DESIGNATION 2100034
	OFFICIAL DETOUR ROUTE	 BARRICADE TYPE III-B					
	 CONSTRUCTION SIGN						
				DESIGNED: _____ RWM DRAWN: _____ RWM	DETOUR ROUTE	SURVEY BOOK	SHEETS 9 of 61
			CHECKED: _____ JRA CHECKED: _____ JRA	CONTRACT R-43994		PROJECT 2100034	

OFFICIAL DETOUR

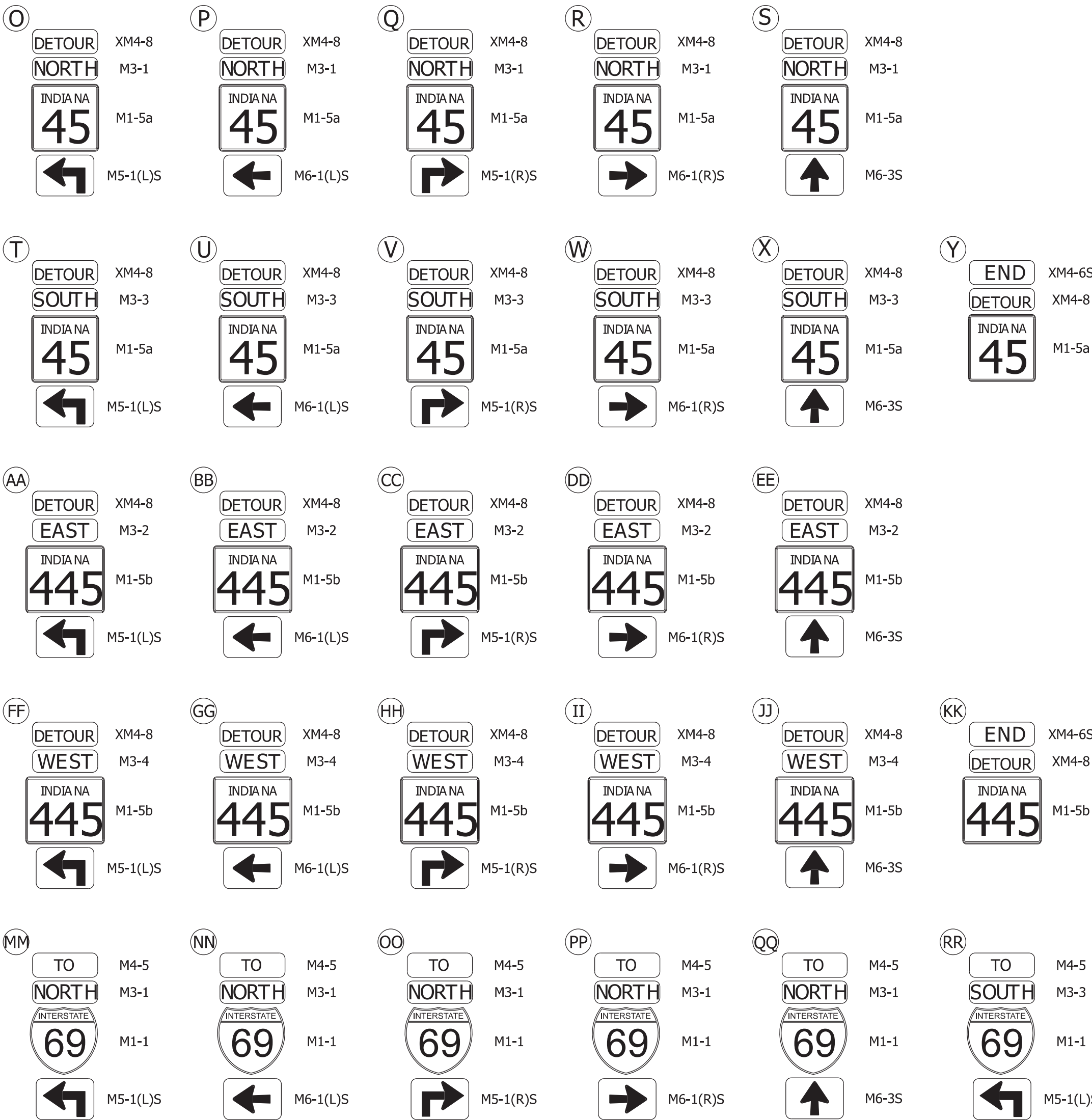


CONSTRUCTION SIGNS TYPE "A"

ROAD CLOSURE SIGN ASSEMBLIES

TEMPORARY PANEL SIGNS (48" x 36")

Note: Temporary Panel Signs to Cover Existing I-69 Exit 104 Panel Signs.

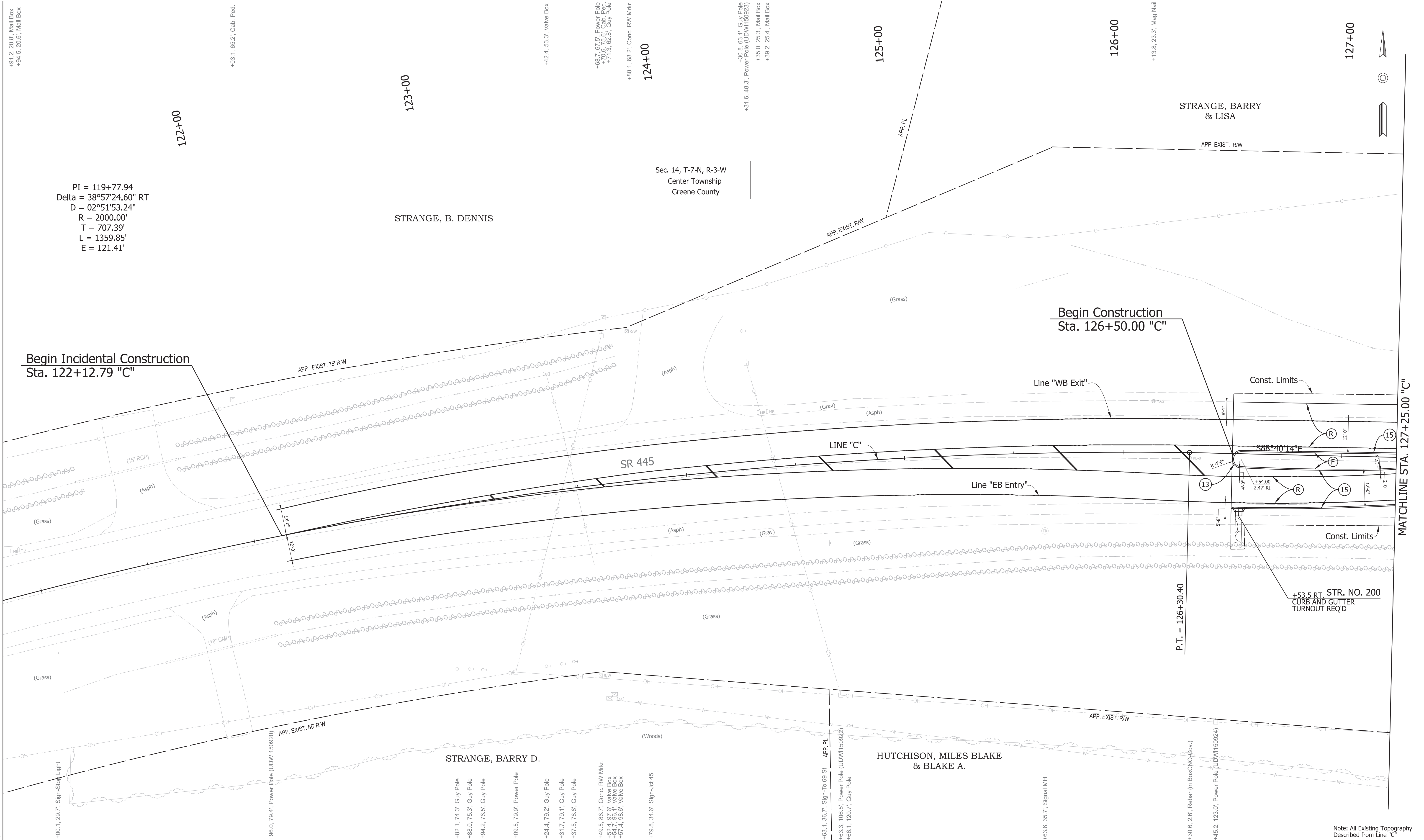


DETOUR ROUTE MARKER ASSEMBLIES

SUMMARY OF QUANTITIES		
ITEM	UNIT	QUANTITY
DETOUR ROUTE ASSEMBLY	EACH	93
ROAD CLOSURE SIGN ASSEMBLY	EACH	10
CONSTRUCTION SIGN TYPE "A"	EACH	25
BARRICADE TYPE III-A	LFT	96
BARRICADE TYPE III-B	LFT	60
TEMPORARY PANEL SIGNS	SFT	48

SEE PREVIOUS SHEET FOR DETOUR ROUTE.

RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE		BRIDGE FILE			
				N/A		N/A			
						DESIGNATION			
						2100034			
DESIGNED: RWM		DRAWN: RWM		DETOUR ROUTE		SURVEY BOOK		SHEETS	
						10 of 61			
CHECKED: JRA		CHECKED: JRA				CONTRACT		PROJECT	
						R-43994		2100034	



Plot: 9/17/2024 7:23 AM

LEGEND

(A)

PCCP - THICKNESS TBD

(F)

SIDEWALK, CONCRETE, 4"

(12)

COMPACTED AGGREGATE NO. 53

(L)

LANDSCAPING - TBD

(K)

FULL DEPTH HMA
165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON
275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON
440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
SUBGRADE TREATMENT, TYPE 1C

(R)

HMA FOR RESURFACING
165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON
VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON
1.5" SURFACE MILLING, HMA

(1)

REMOVE

(13)

CONCRETE CURB (VERTICAL)

(15)

COMBINED CONCRETE CURB & GUTTER (VERTICAL)

(16)

COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED

(99)

EXISTING PAVEMENT TO REMAIN IN PLACE

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: RWM

DRAWN: RWM

CHECKED: JRA

CHECKED: JRA

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN SR 445
BEGIN TO STA. 127+25.00 "C"

SCALE
1" = 20'

BRIDGE FILE
N/A

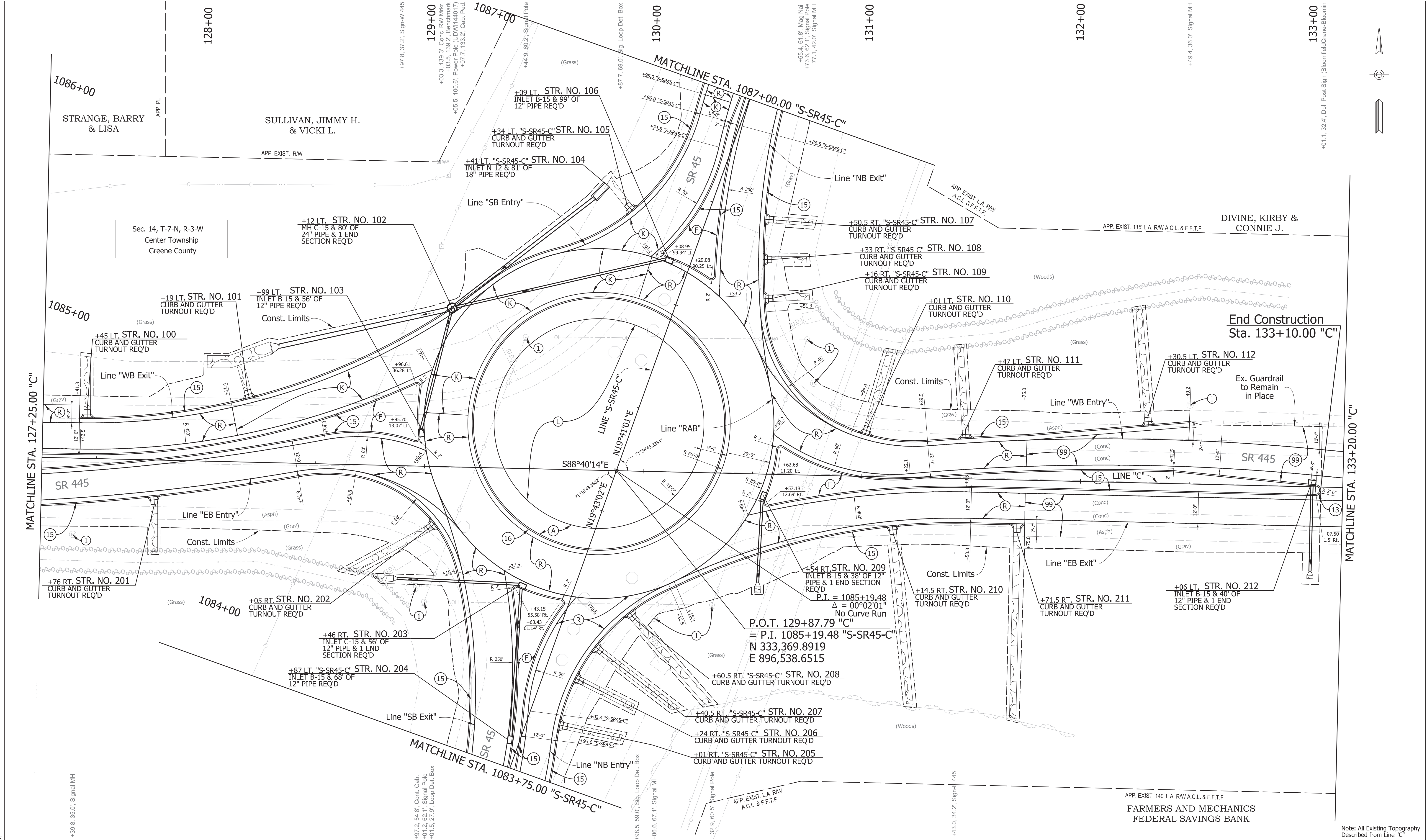
DESIGNATION
2100034

SURVEY BOOK

SHEETS
11 of 61

CONTRACT
R-43994

PROJECT
2100034



LEGEND		INDIANA DEPARTMENT OF TRANSPORTATION		PLAN SR 445	
(A) PCCP - THICKNESS TBD	(K) FULL DEPTH HMA 165# /SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON 275# /SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON 440# /SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON 330# /SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON SUBGRADE TREATMENT, TYPE 1C	(1) REMOVE	(99) EXISTING PAVEMENT TO REMAIN IN PLACE	SCALE 1" = 20'	BRIDGE FILE N/A
(F) SIDEWALK, CONCRETE, 4"	(R) HMA FOR RESURFACING 165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON 1.5" SURFACE MILLING, HMA	(13) CONCRETE CURB (VERTICAL)			DESIGNATION 2100034
(12) COMPACTED AGGREGATE NO. 53		(15) COMBINED CONCRETE CURB & GUTTER (VERTICAL)			
(L) LANDSCAPING - TBD		(16) COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED			
				SURVEY BOOK	SHEETS 12 of 61
				CONTRACT R-43994	PROJECT 2100034

Plot: 9/17/2024 7:23 AM

Note: All Existing Topography Described from Line "C"

Plot: 9/17/2024 7:24 AM

LEGEND

- (A) PCCP - THICKNESS TBD
(F) SIDEWALK, CONCRETE, 4"
(12) COMPACTED AGGREGATE NO. 53
(L) LANDSCAPING - TBD

- (K) FULL DEPTH HMA
165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON
275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON
440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
SUBGRADE TREATMENT, TYPE 1C
(R) HMA FOR RESURFACING
165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON
VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON
1.5" SURFACE MILLING, HMA

- (1) REMOVE
(13) CONCRETE CURB (VERTICAL)
(15) COMBINED CONCRETE CURB & GUTTER (VERTICAL)
(16) COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED
(99) EXISTING PAVEMENT TO REMAIN IN PLACE

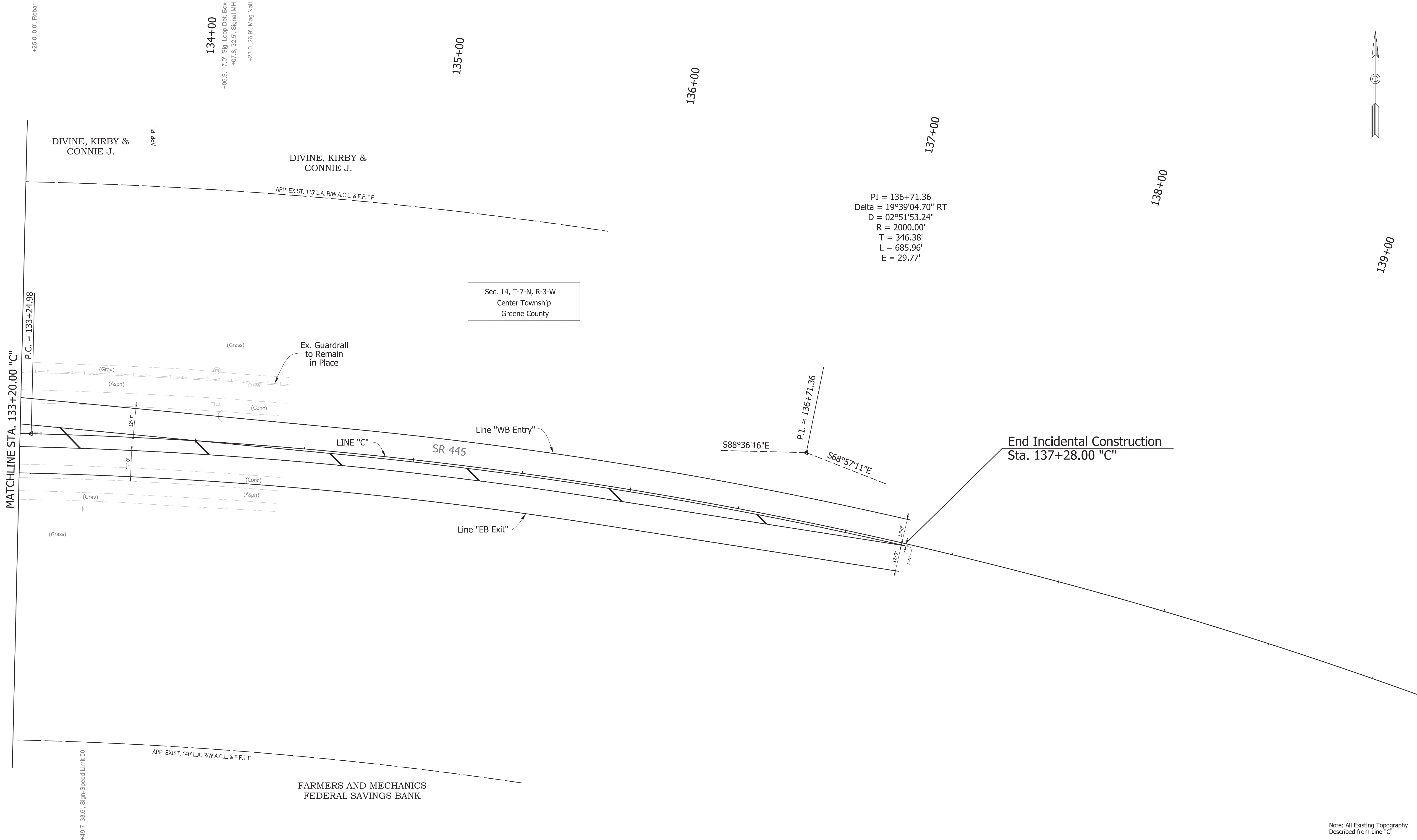
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: _____ RWM	DRAWN: _____ RWM
CHECKED: _____ JRA	CHECKED: _____ JRA

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
SR 445
STA. 133+20.00 TO END "C"

SCALE 1" = 20'		BRIDGE FILE N/A	
		DESIGNATION 2100034	
SURVEY BOOK		SHEETS 13 of 61	
CONTRACT R-43994		PROJECT 2100034	

Note: All Existing Topography
Described from Line "C"



Plot: 9/17/2024 7:24 AM

LEGEND

- (A) PCCP - THICKNESS TBD
(F) SIDEWALK, CONCRETE, 4"
(12) COMPACTED AGGREGATE NO. 53
(L) LANDSCAPING - TBD

- (K) FULL DEPTH HMA
165#/SY QC/QA-HMA, 3, 76, SURFACE, 9.5 mm ON
275#/SY QC/QA-HMA, 3, 76, INTERMEDIATE, 19.0 mm ON
440#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
330#/SY QC/QA-HMA, 3, 70, BASE, 25.0 mm ON
SUBGRADE TREATMENT, TYPE 1C
(R) HMA FOR RESURFACING
165 #/SY QC/QA HMA, 3, 76, SURFACE, 9.5 mm, ON
VARIABLE DEPTH QC/QA HMA, 3, 76, INTERMEDIATE, 19.0 mm, ON
1.5" SURFACE MILLING, HMA

- (1) REMOVE
(13) CONCRETE CURB (VERTICAL)
(15) COMBINED CONCRETE CURB & GUTTER (VERTICAL)
(16) COMBINED CONCRETE CURB & GUTTER, TYPE B (SLOPING), MODIFIED
(99) EXISTING PAVEMENT TO REMAIN IN PLACE

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

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
SR 45
BEGIN TO STA. 1083+75.00 "S-SR45-C"

SCALE 1" = 20'	BRIDGE FILE N/A	
	DESIGNATION 2100034	
SURVEY BOOK	SHEETS 14 of 61	
CONTRACT R-43994	PROJECT 2100034	

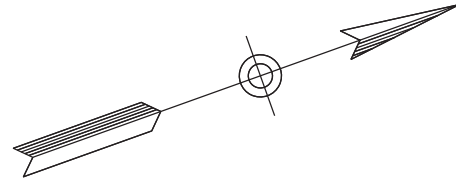
Note: All Existing Topography
Described from Line "S-SR45-C"

686.0

Begin Incidental Construction
Sta. 1081+93.50 "S-SR45-C"

Begin Project 2100034
Sta. 1083+01.35 "S-SR45-C"

MATCHLINE STA. 1083+75.00 "S-SR45-C"



+05.2, 0.0', Rebar (Cov.)

+47.4, 19.9', Mag Nail

1082+00

1083+00
+00.1, 27.2', Sign-S 45
+06.2, 140.4', Hydrant
+10.2, 142.4', Valve Box
+10.6, 136.6', Valve Box

+35.7, 135.9', Rebar-BRG PCG320004
+36.3, 135.7', Conc. RW Mkr.
+37.2, 140.8', Guy Pole
+40.6, 127.8', Power Pole (UDWT144015)
+44.9, 114.3', Guy Pole

HUTCHISON, MILES BLAKE
& BLAKE A.

Sec. 14, T-7-N, R-3-W
Center Township
Greene County

POB = 1081+05.23

N19°43'02"E

SR 45

LINE "S-SR45-C"

APP. EXIST. RW

APP. EXIST. RW

Line "SB Exit"

Line "NB Entry"

Const. Limits

Const. Limits

FARMERS AND MECHANICS
FEDERAL SAVINGS BANK

+14.0, 24.9', Signal MH

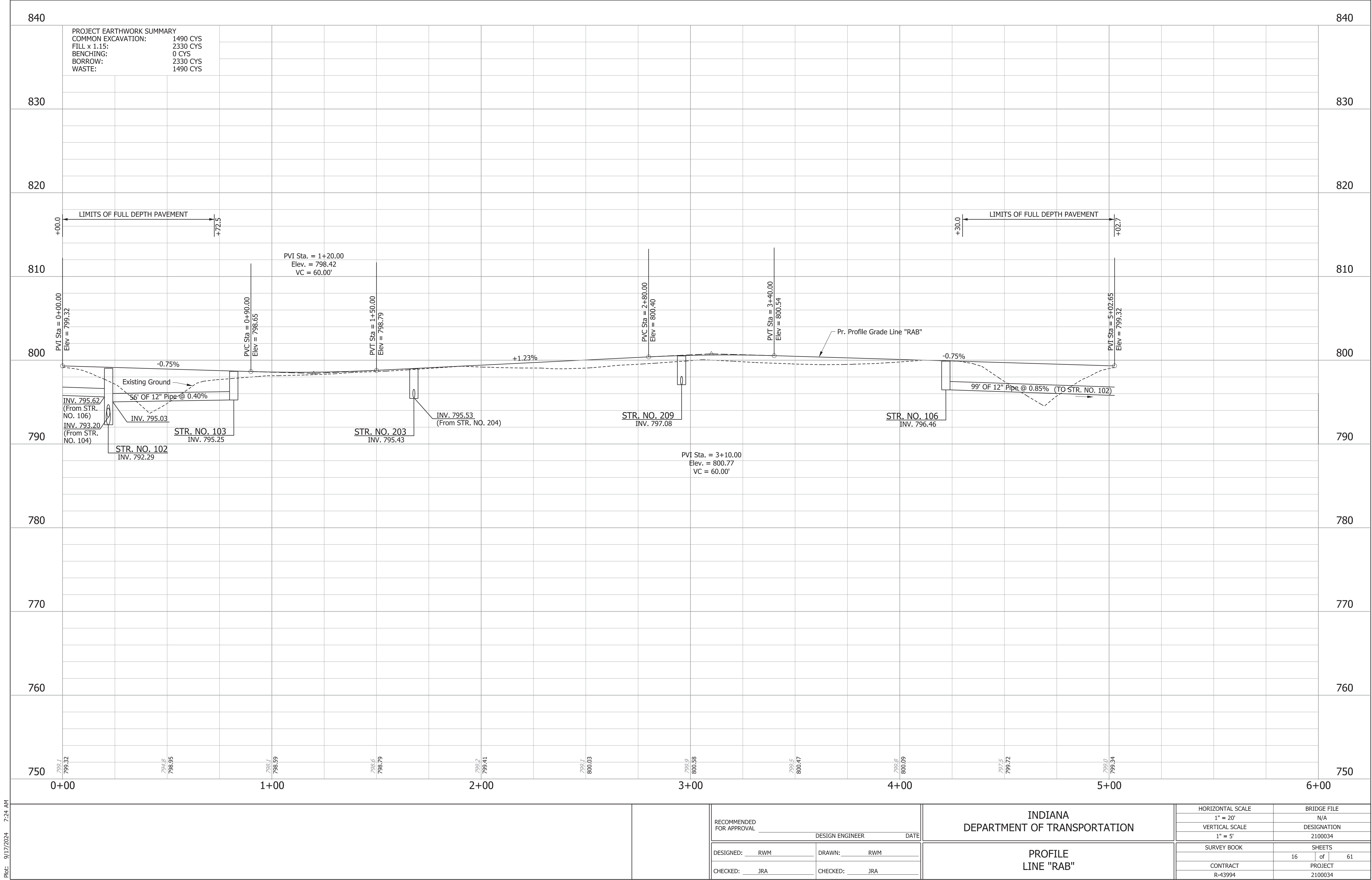
+38.4, 51.2', Cab. Ped.

+39.8, 27.5', Mail Box

+00.0, 100.0', Gas Meter
+00.1, 100.7', Valve Box-Gas

+16.3, 25.2', Signal MH

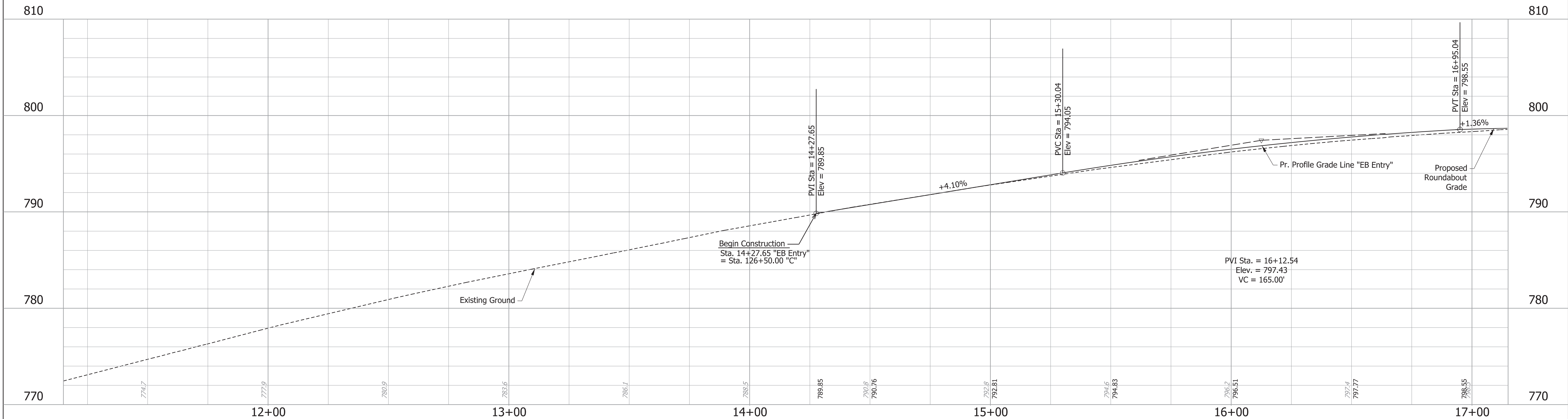
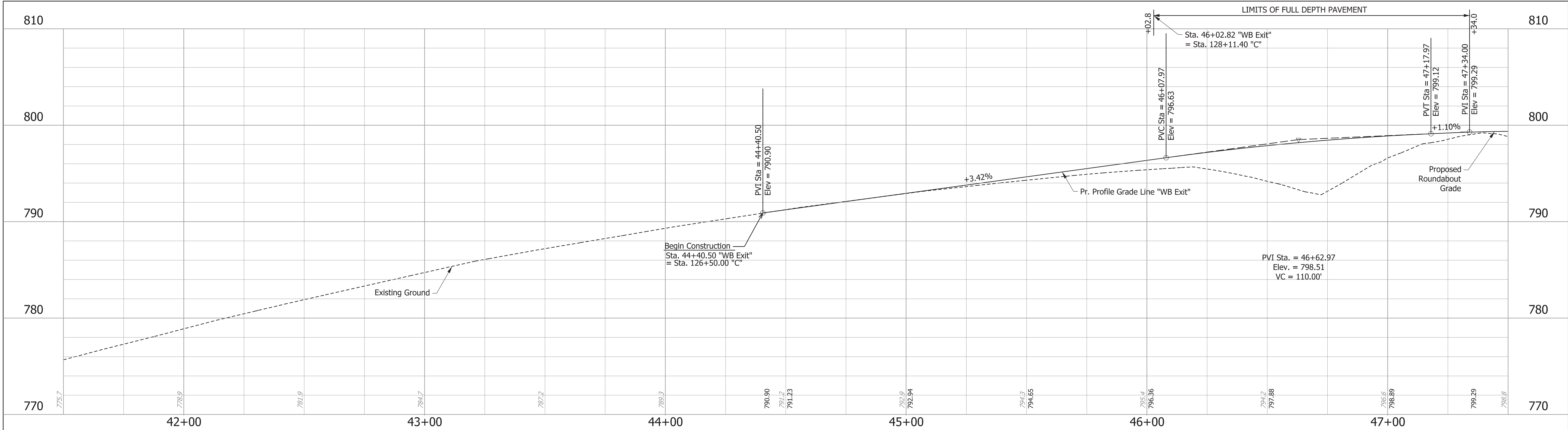
+31.9, 26.4', Sign-Alt. N 45 Bloomington



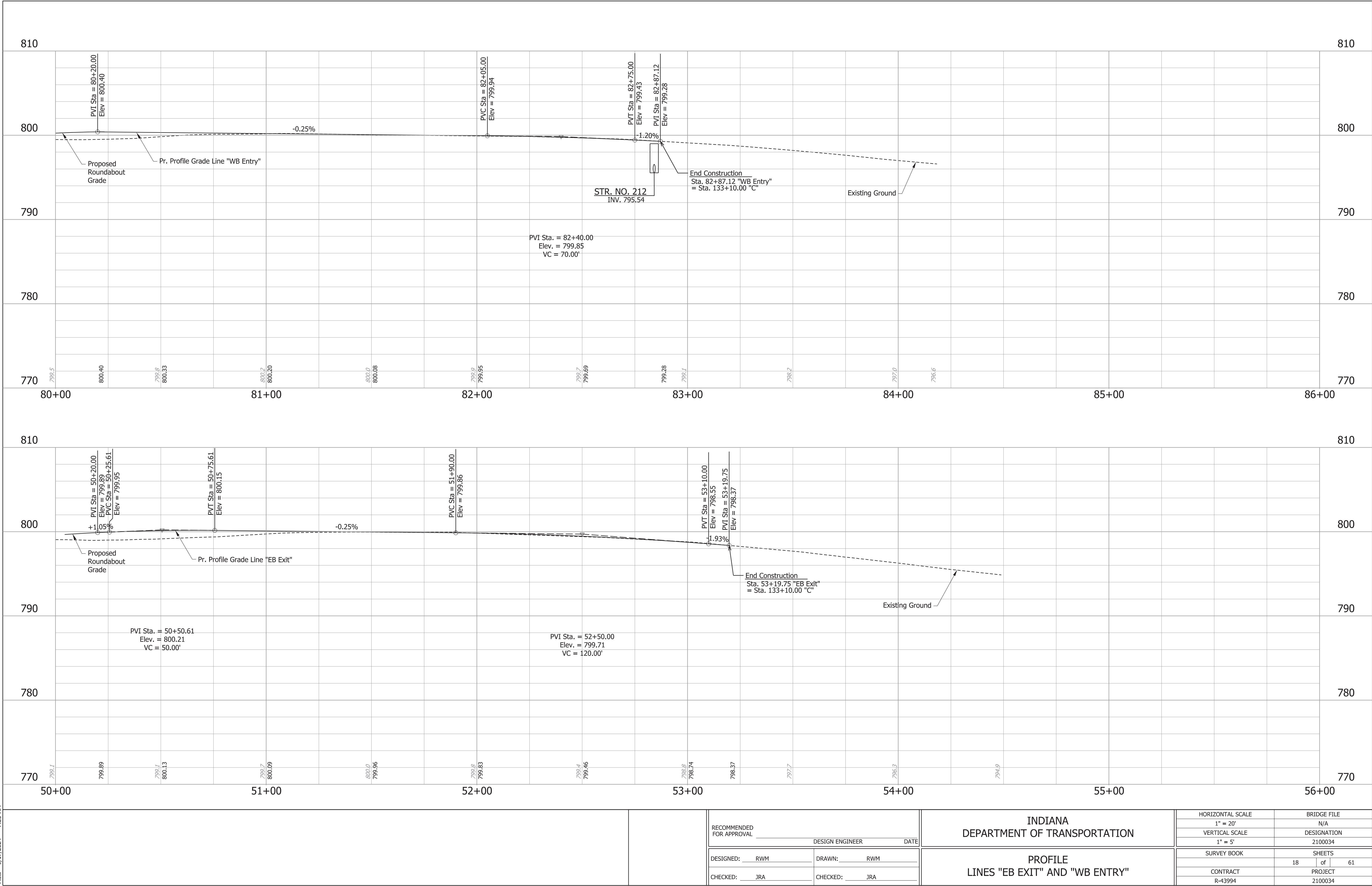
Plot: 9/17/2024 7:24 AM

\$FILES

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
						1" = 20'		N/A	
						VERTICAL SCALE		DESIGNATION	
						1" = 5'		2100034	
DESIGNED: _____	RWM	DRAWN: _____	RWM	PROFILE LINE "RAB"		SURVEY BOOK		SHEETS	
						16		of	61
CHECKED: _____	JRA	CHECKED: _____	JRA			CONTRACT		PROJECT	
						R-43994		2100034	



RECOMMENDED FOR APPROVAL _____ DESIGNED: RWM CHECKED: JRA	DESIGN ENGINEER _____ DATE _____ DRAWN: RWM CHECKED: JRA	INDIANA DEPARTMENT OF TRANSPORTATION PROFILE LINES "EB ENTRY" AND "WB EXIT"	HORIZONTAL SCALE 1" = 20'		BRIDGE FILE N/A	
			VERTICAL SCALE 1" = 5'		DESIGNATION 2100034	
			SURVEY BOOK		SHEETS 17 of 61	
			CONTRACT R-43994		PROJECT 2100034	



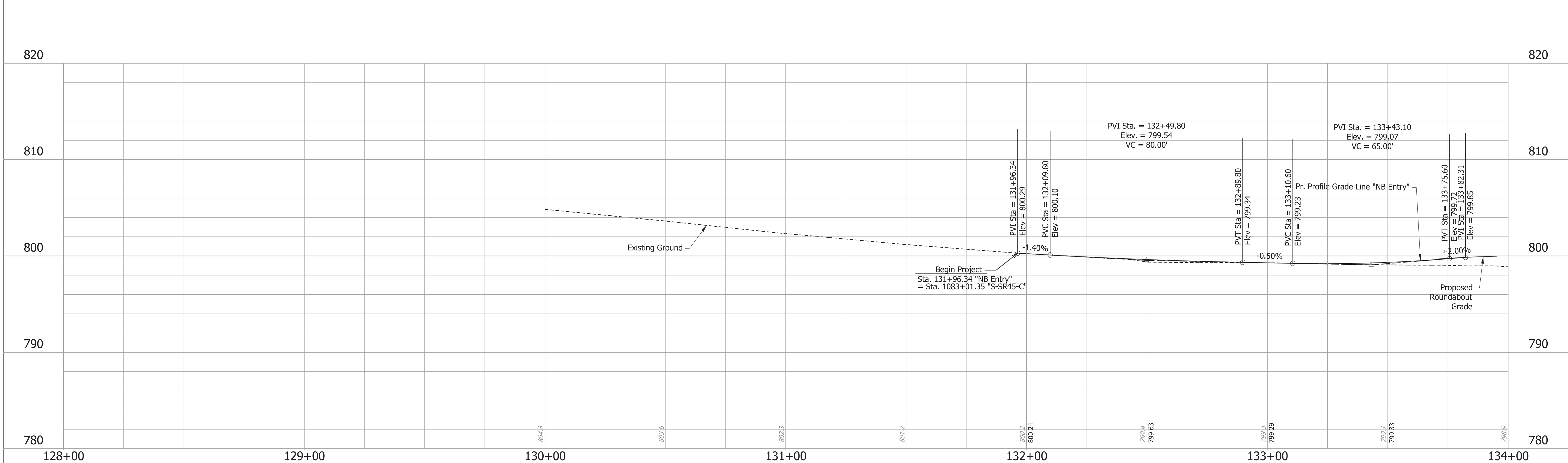
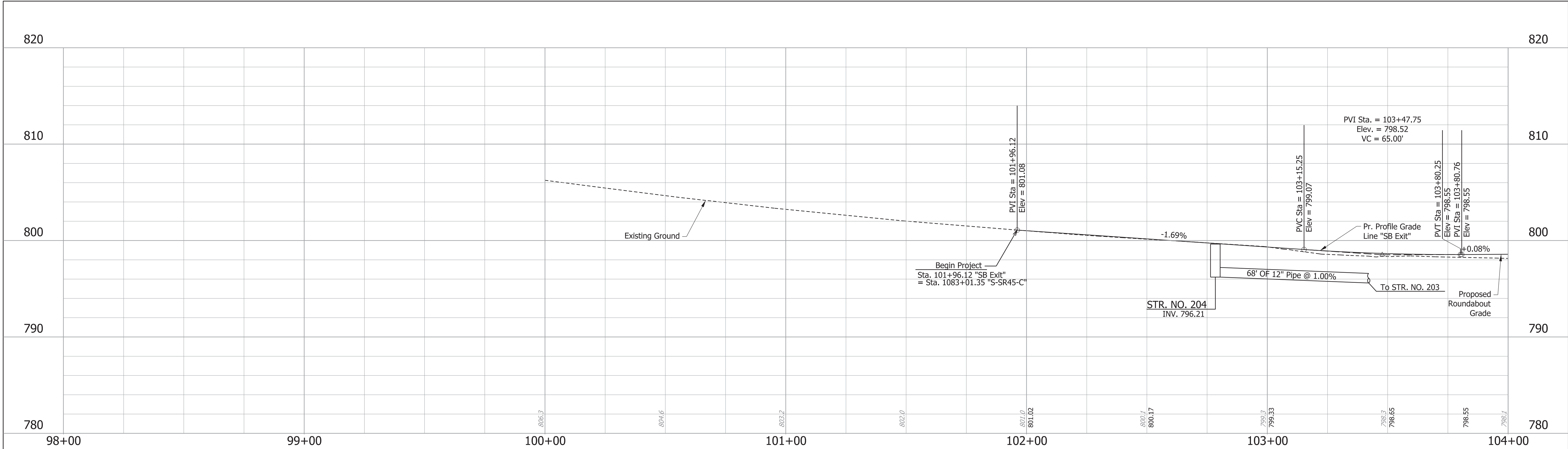
Plot: 9/17/2024 7:25 AM
\$FILES

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

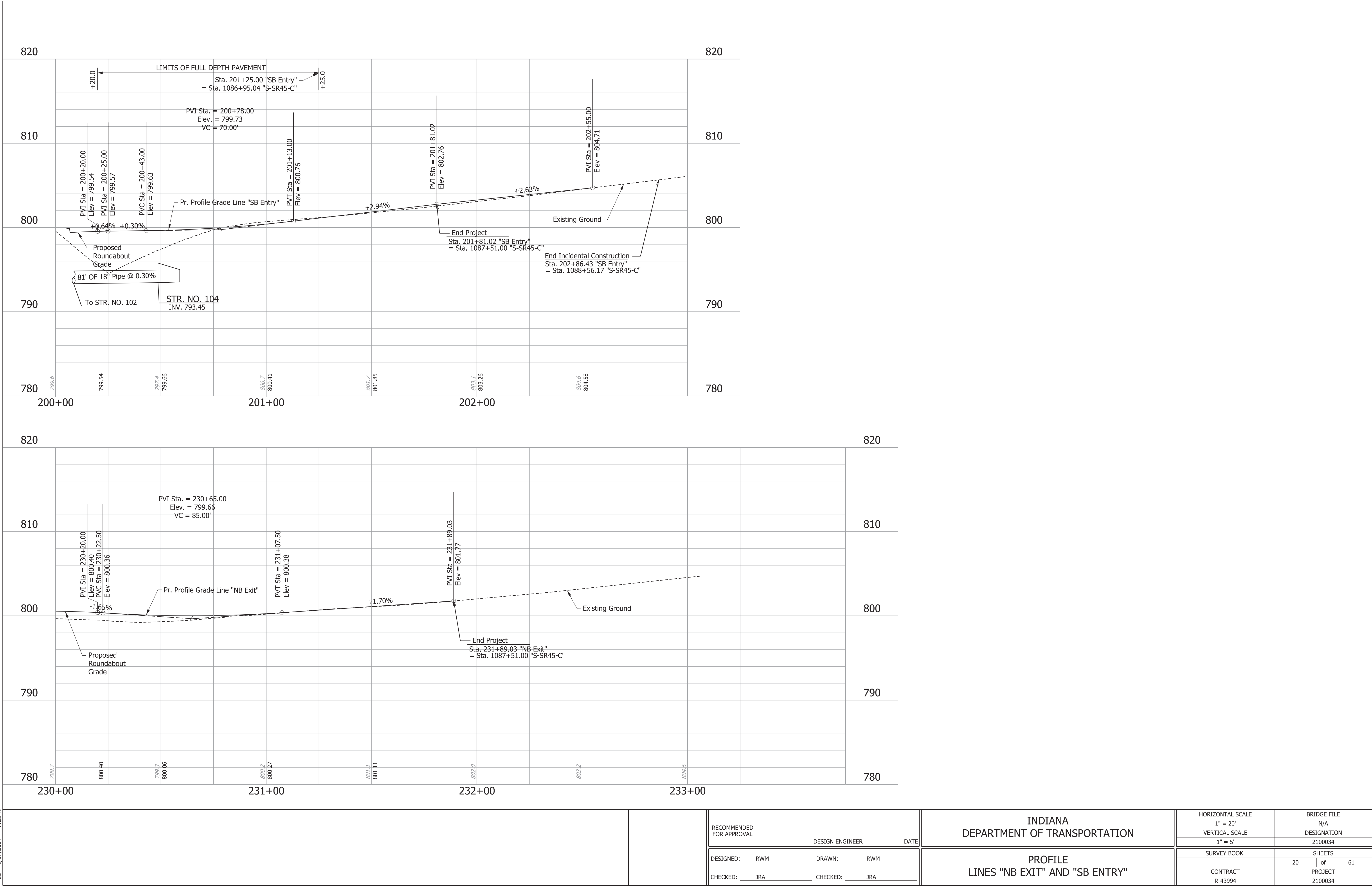
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINES "EB EXIT" AND "WB ENTRY"

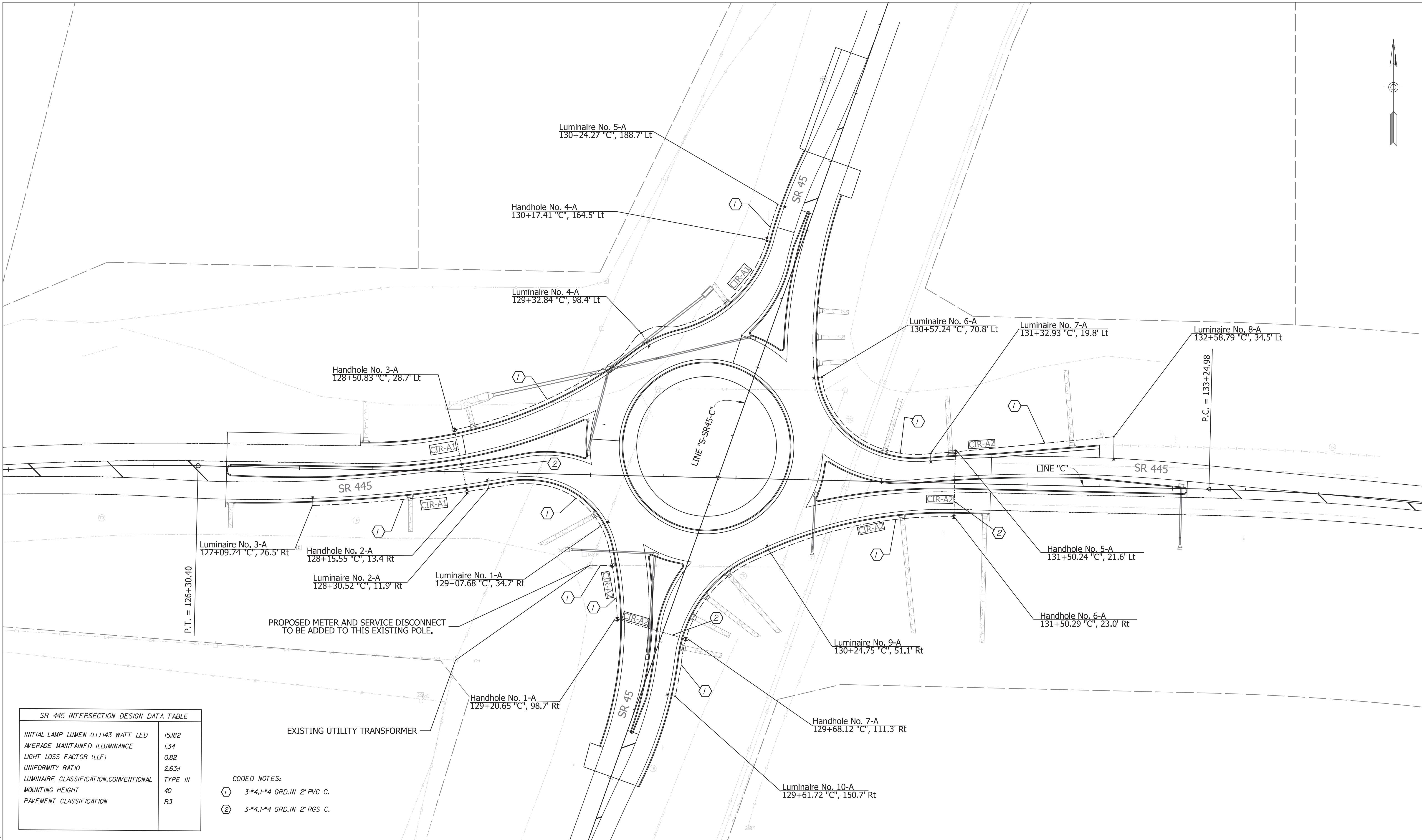
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2100034
SURVEY BOOK	SHEETS
	18 of 61
CONTRACT	PROJECT
R-43994	2100034



		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'		BRIDGE FILE N/A	
		DESIGNED: RWM		VERTICAL SCALE 1" = 5'		DESIGNATION 2100034	
		CHECKED: JRA		PROFILE LINES "NB ENTRY" AND "SB EXIT"		SHEETS 19 of 61	
						CONTRACT R-43994	
						PROJECT 2100034	



RECOMMENDED FOR APPROVAL			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE		BRIDGE FILE		
				1" = 20'		N/A		
				VERTICAL SCALE		DESIGNATION		
DESIGN ENGINEER			DATE		1" = 5'		2100034	
DESIGNED: RWM	DRAWN: RWM		PROFILE LINES "NB EXIT" AND "SB ENTRY"	SURVEY BOOK		SHEETS		
				20 of 61				
CHECKED: JRA	CHECKED: JRA			CONTRACT		PROJECT		
					R-43994		2100034	



SR 445 INTERSECTION DESIGN DATA TABLE	
INITIAL LAMP LUMEN (LL) 143 WATT LED	15,182
AVERAGE MAINTAINED ILLUMINANCE	1.34
LIGHT LOSS FACTOR (LLF)	0.82
UNIFORMITY RATIO	2.63
LUMINAIRE CLASSIFICATION, CONVENTIONAL	TYPE III
MOUNTING HEIGHT	40
PAVEMENT CLASSIFICATION	R3

- CODED NOTES:
- ① 3" x 4, 1" x 4 GRD. IN 2" PVC C.
 - ② 3" x 4, 1" x 4 GRD. IN 2" RGS C.

LEGEND

- LIGHTING HANDHOLE
- NEW ROADWAY BREAKAWAY LIGHT POLE
- CONDUIT - UNDERGROUND. ALL UNDERGROUND CONDUITS ARE PVC, SCHEDULE 40 UNLESS DENOTED OTHERWISE. SIZE AS NOTED ON PLAN SHEETS.
- OVERHEAD UTILITY LINE
- CONDUIT - UNDERGROUND UNDER PAVEMENT. ALL UNDERGROUND UNDER PAVEMENT CONDUITS ARE GALVANIZED RIGID STEEL, UNLESS DENOTED OTHERWISE. SIZE AS NOTED ON PLAN SHEETS.
- SERVICE POINT, TYPE II, 240V/480V

RECOMMENDED FOR APPROVAL _____

DESIGNED: GR DRAWN: RWM

CHECKED: RC CHECKED: JMT

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

SCALE 1" = 30'	BRIDGE FILE N/A
	DESIGNATION 2100034
SURVEY BOOK	SHEETS 28 of 61
CONTRACT R-43994	PROJECT 2100034

[illegible]