

PROJECT	DESIGNATION
NH 219-2 (034)	0101486
CONTRACT	BRIDGE FILE
R-30247	N/A

**INDIANA
DEPARTMENT OF
TRANSPORTATION**

ROAD PLANS

U.S. 33 CURVE CORRECTION

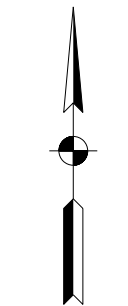
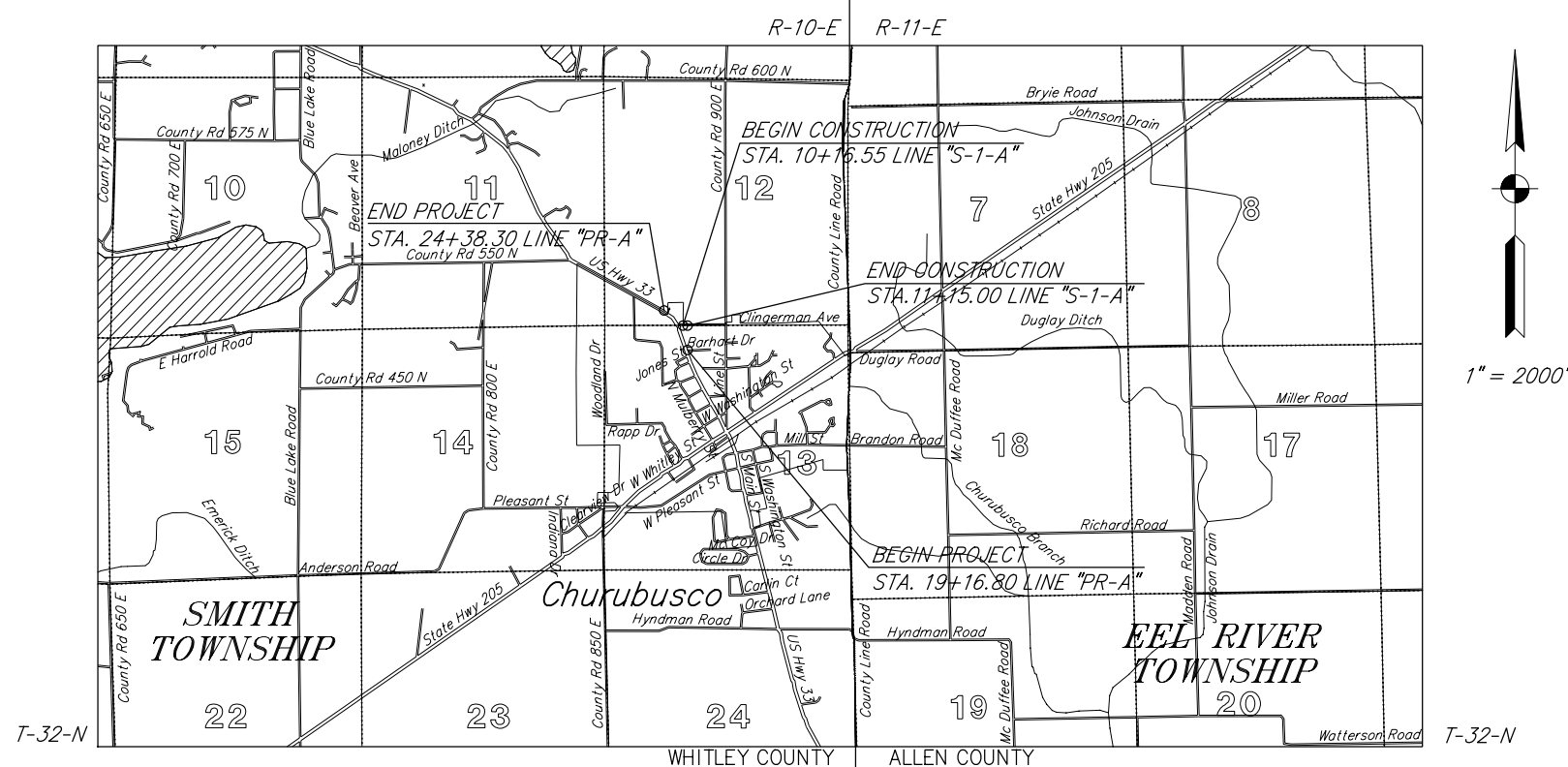
PROJECT NO. NH 219-2 (034) P.E.
PROJECT NO. NH 219-2 (034) R/W
PROJECT NO. NH 219-2 (034) CONST.

CURVE CORRECTION OF U.S. 33 AT CLINGERMAN AV. (R.P. 47+08) BEGINNING AT A POINT 160 FT. SOUTH OF THE INTERSECTION WITH CLINGERMAN AV. IN THE N/W 1/4 SEC. 13, T-32-N, R-10-E. EXTENDING IN A NORTH WESTERLY DIRECTION FOR A DISTANCE OF 521 FT. TO A POINT 350 FT. NORTH OF CLINGERMAN AV. IN THE S/W 1/4 SEC. 12, T-32-N, R-10-E.

GROSS LENGTH: 0.099 MI.
NET LENGTH: 0.099 MI.

SCALES:
PLAN { LONG: 1" = 20'
TRANS: 1" = 20' } PROFILE { LONG: 1" = 5'
TRANS: 1" = 20' } MAX. GRADE: 0.84%

TRAFFIC DATA		U.S. 33	
A.A.D.T.	2004	12,160	V.P.D.
A.A.D.T.	2029	15,590	V.P.D.
D.H.V.	2029	1,220	V.P.H.
DIRECTIONAL DISTRIBUTION		50	%
TRUCKS		16	% D.H.V.
-			
DESIGN DATA			
DESIGN SPEED	40		M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)		
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL		
RURAL/URBAN	URBAN (INTERMEDIATE)		
TERRAIN	LEVEL		
ACCESS CONTROL	NONE		

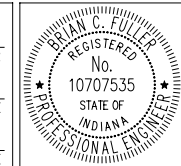


1" = 2000'

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2008
TO BE USED WITH THESE PLANS

AMERICAN STRUCTUREPOINT INC.
7280 SHADELAND STATION
INDIANAPOLIS, IN 46256-3067
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com

PLANS PREPARED BY: American Structurepoint, Inc. (317) 547-5580
PHONE NUMBER
CERTIFIED BY: *Brian C. Fuller* 6/02/09
DATE
APPROVED FOR LETTING: _____ DATE
CHIEF, DIVISION OF DESIGN



Lot. = 41° 14' 13"	BRIDGE FILE
Long. = 85° 19' 23"	N/A
HUC: 05120104010020	DESIGNATION NO.
	0101486
	SHEETS
	1 of 32
CONTRACT	PROJECT NO.
R-30247	NH 219-2 (034)

UTILITIES

GAS

NIPSCO
801 E. 86th Ave.
Merrillville, IN 46410
Attn: Lisa Otis (260) 439-1221

CABLE

MediaCom, LLC
P.O. Box 479
Auburn, IN 46706
Attn: Mark Tevis (260) 927-3015

ELECTRIC

American Electric Power Co.
P.O. Box 60
Fort Wayne, IN 46801
Attn: Shannon Bailey (260) 897-8042

WATER

Town of Churubusco
215 Home Av.
Churubusco, IN 46723
Attn: Jeremy Hart (260) 693-9350

TELEPHONE

Verizon North Inc.
8001 West Jefferson Blvd.
Fort Wayne, IN 46804
Attn: Jean-Paul B. Kalonji (260) 461-3650

SEWER

Town of Churubusco
215 Home Ave.
Churubusco, IN 46723
Attn: Jeremy Hart (260) 693-9350

GENERAL NOTES

**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. _____ and Sta. _____, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
	All limited access right-of-way (L.A. R/W) is to be fenced with chain link type fence (CLTF) or farm field type fence (FFTF) where specified in the plans.

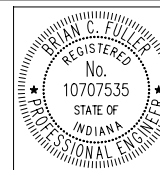
** REPRESENTS GENERAL NOTES REQUIRED

INDEX TO SHEETS

SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3-4	TYPICAL SECTIONS
5	PLAT NO. 1
6-7	MAINTENANCE OF TRAFFIC PLANS
8	DETOUR SHEET
9-11	PLAN AND PROFILE SHEETS
12	SUPERELEVATION DIAGRAM
13-14	CONSTRUCTION DETAILS
15	INTERSECTION DETAIL
16-17	EROSION CONTROL DETAILS
18	SIGNING AND PAVEMENT MARKING SHEET
19	MISCELLANEOUS QUANTITIES TABLE
20	APPROACH TABLE
21	STRUCTURE DATA TABLE
22	PIPE MATERIAL SHEET
23-32	CROSS SECTIONS

REVISIONS

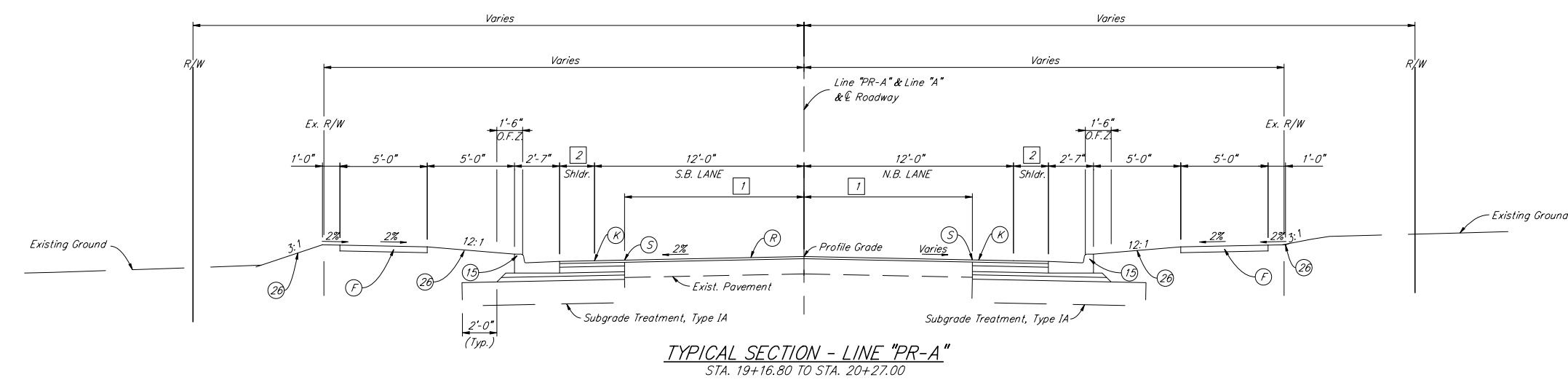
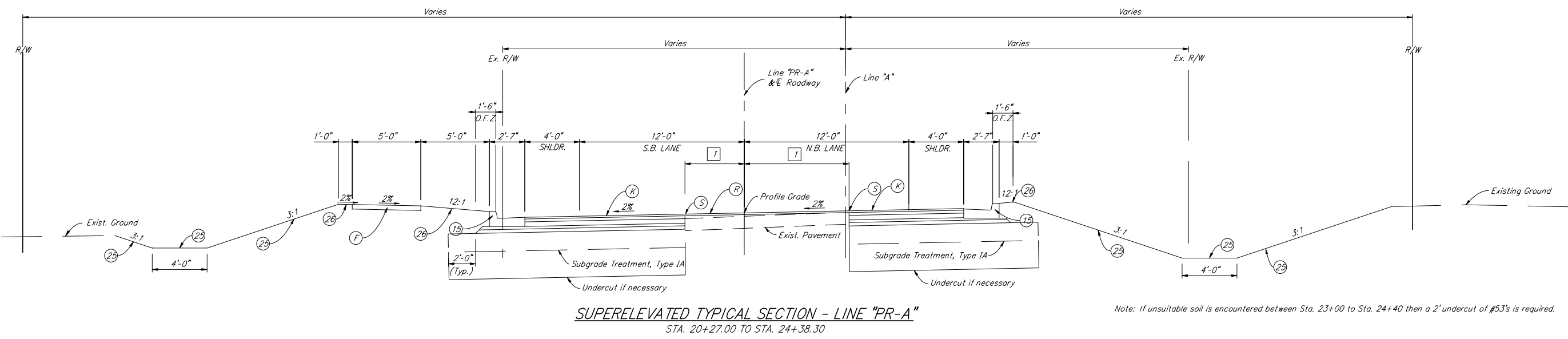
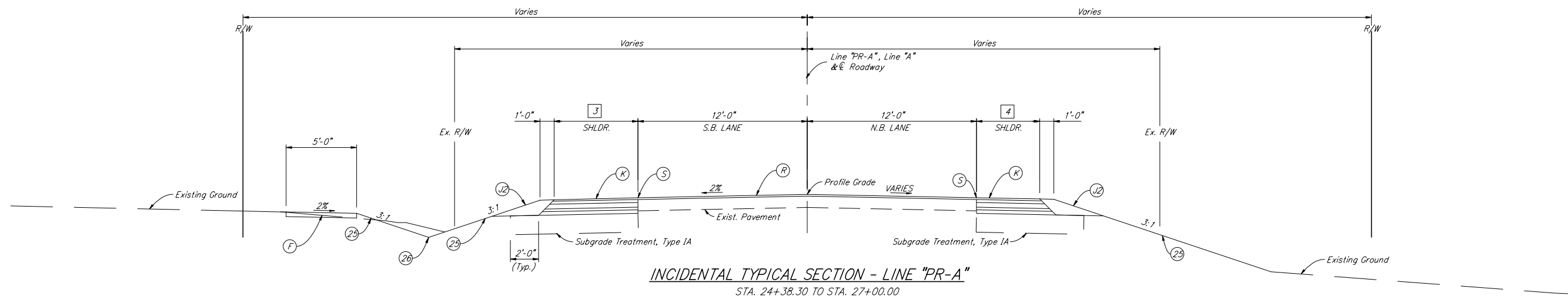
SHEET NO.	DATE	REVISED



RECOMMENDED FOR APPROVAL Brian C Fuller 6/02/09
DESIGN ENGINEER DATE
DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

INDIANA DEPARTMENT OF TRANSPORTATION
INDEX & GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	PROJECT NO.
R-30247	NH 219-2 (034)



- 1 Varies, Sawcut along inside of existing curbline
- 2 Varies from 0'-0" at Sta. 19+16.80 to 4'-0" at Sta. 20+16.80 "PR-A"
- 3 Varies from 12'-0" at Sta. 24+38.30 to 6'-11" at Sta. 25+28.30 "PR-A" From Sta. 25+28.30 to Sta. 27+00.00 Mill and Resurface
- 4 Varies from 6'-6" at Sta. 24+38.30 to 2'-4" at Sta. 26+00.00 "PR-A" From Sta. 26+00.00 to Sta. 27+00.00 Mill and Resurface

(F) Sidewalk, Concrete, 4"	(R) 165 #/Syd. HMA, Type D, Surface, on Variable Depth HMA, Type D, Intermediate (220 #/Syd. min.) on Milling, Asphalt, 1.5"	(15) Curb and Gutter, Concrete
(J2) Variable-Depth Compacted Aggregate No. 73 (for Shoulder)	(S) Sawcut	(25) Mulched Seeding, U
(K) 165 #/Syd. HMA, Type D, Surface, on 275 #/Syd. HMA, Type D, Intermediate, on 1210 #/Syd. HMA, Type D, Base		(26) Sodding, Nursery
		O.F.Z. = Obstruction Free Zone

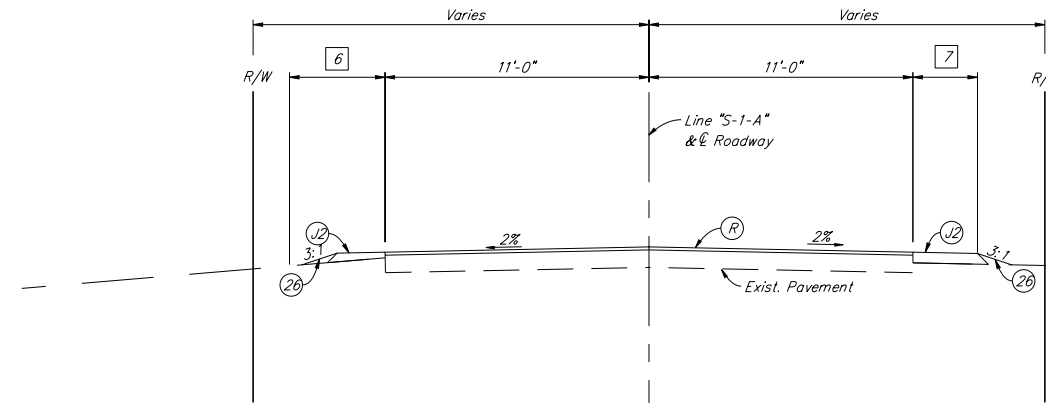
RECOMMENDED FOR APPROVAL *Ben C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: NDH
 CHECKED: CMP CHECKED: BCF

INDIANA DEPARTMENT OF TRANSPORTATION

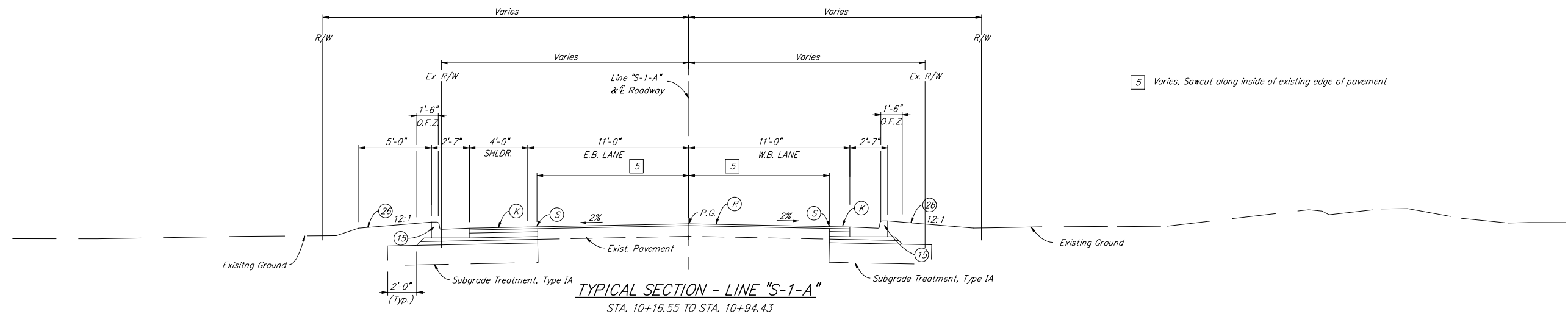
TYPICAL CROSS SECTION
 LINE "PR-A"

HORIZONTAL SCALE 1" = 4"	BRIDGE FILE N/A
VERTICAL SCALE 1" = 4"	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
	3 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



- 6 Width varies from 6'-7" at sta. 10+94.43 to 0'-0" at sta. 11+15.00
- 7 Width varies from 2'-7" at sta. 10+94.43 to 0'-0" at sta. 11+15.00

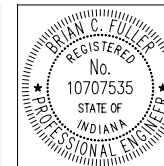
TYPICAL SECTION - LINE "S-1-A"
STA. 10+94.43 TO STA. 11+15.00



- 5 Varies, Sawcut along inside of existing edge of pavement

TYPICAL SECTION - LINE "S-1-A"
STA. 10+16.55 TO STA. 10+94.43

- F Sidewalk, Concrete, 4"
 - JD Variable-Depth Compacted Aggregate No. 73 (for Shoulder)
 - K 165 #/Syd. HMA, Type D, Surface, on 275 #/Syd. HMA, Type D, Intermediate, on 1210 #/Syd. HMA, Type D, Base
 - R 165 #/Syd. HMA, Type D, Surface, on Variable Depth HMA, Type D, Intermediate (220 #/Syd. min.) on Milling, Asphalt, 1.5"
 - S Sawcut
 - 15 Curb and Gutter, Concrete
 - 25 Mulched Seeding, U
 - 26 Sodding, Nursery
- O.F.Z. = Obstruction Free Zone



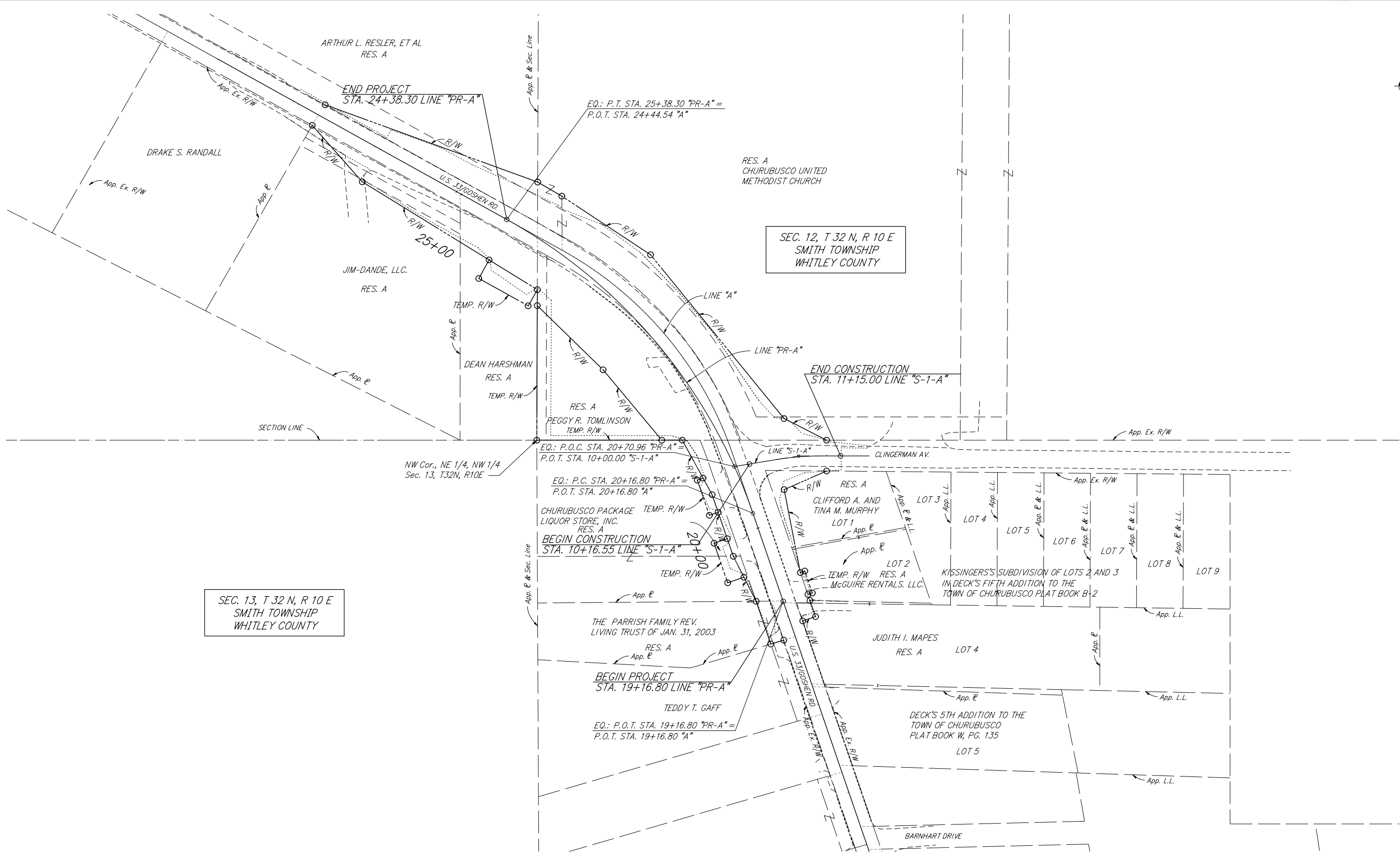
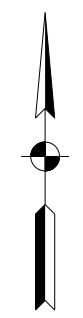
RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: NDH
CHECKED: CMP CHECKED: BCF

INDIANA DEPARTMENT OF TRANSPORTATION

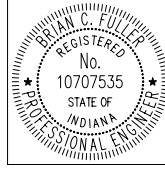
TYPICAL CROSS SECTION
LINE "S-1-A"

HORIZONTAL SCALE 1" = 4'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 4'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 4 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



SEC. 13, T 32 N, R 10 E
SMITH TOWNSHIP
WHITLEY COUNTY

SEC. 12, T 32 N, R 10 E
SMITH TOWNSHIP
WHITLEY COUNTY



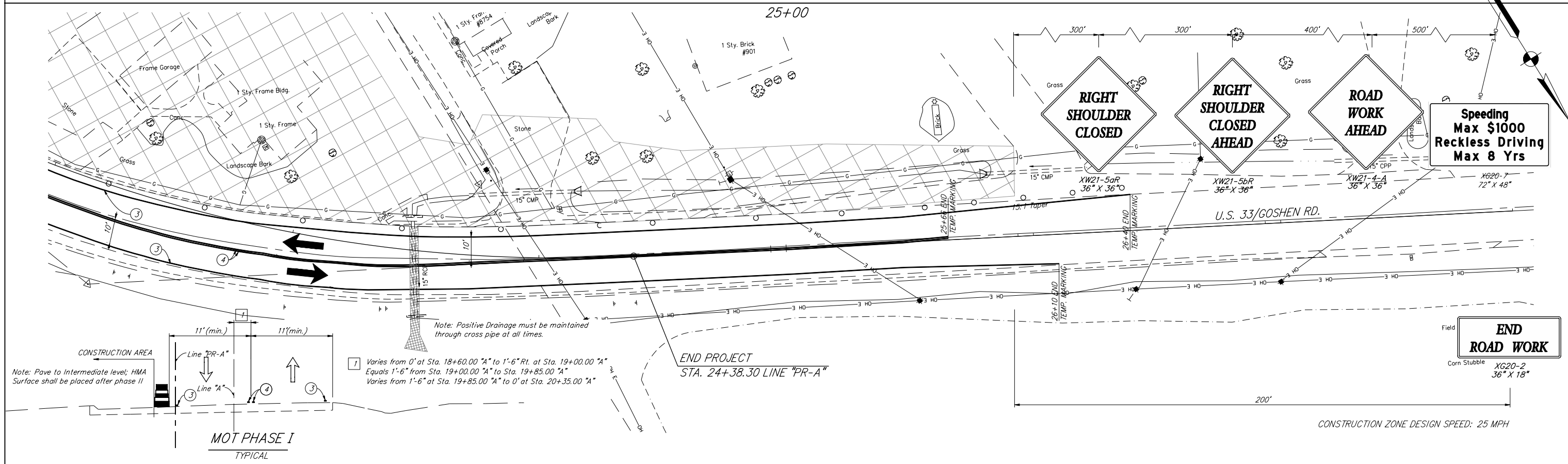
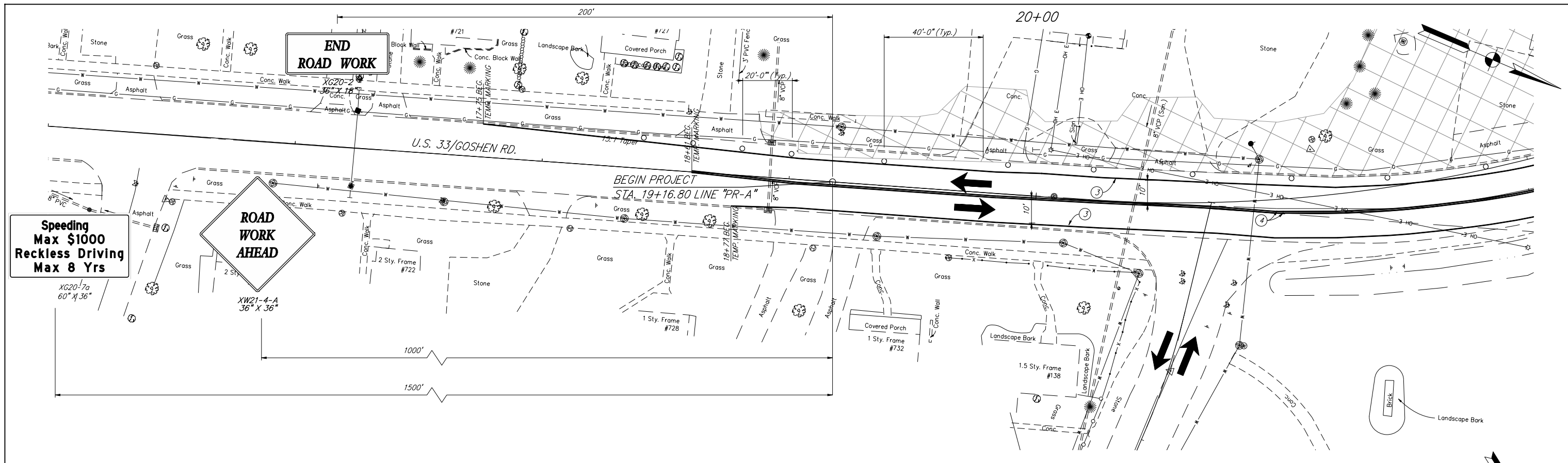
RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

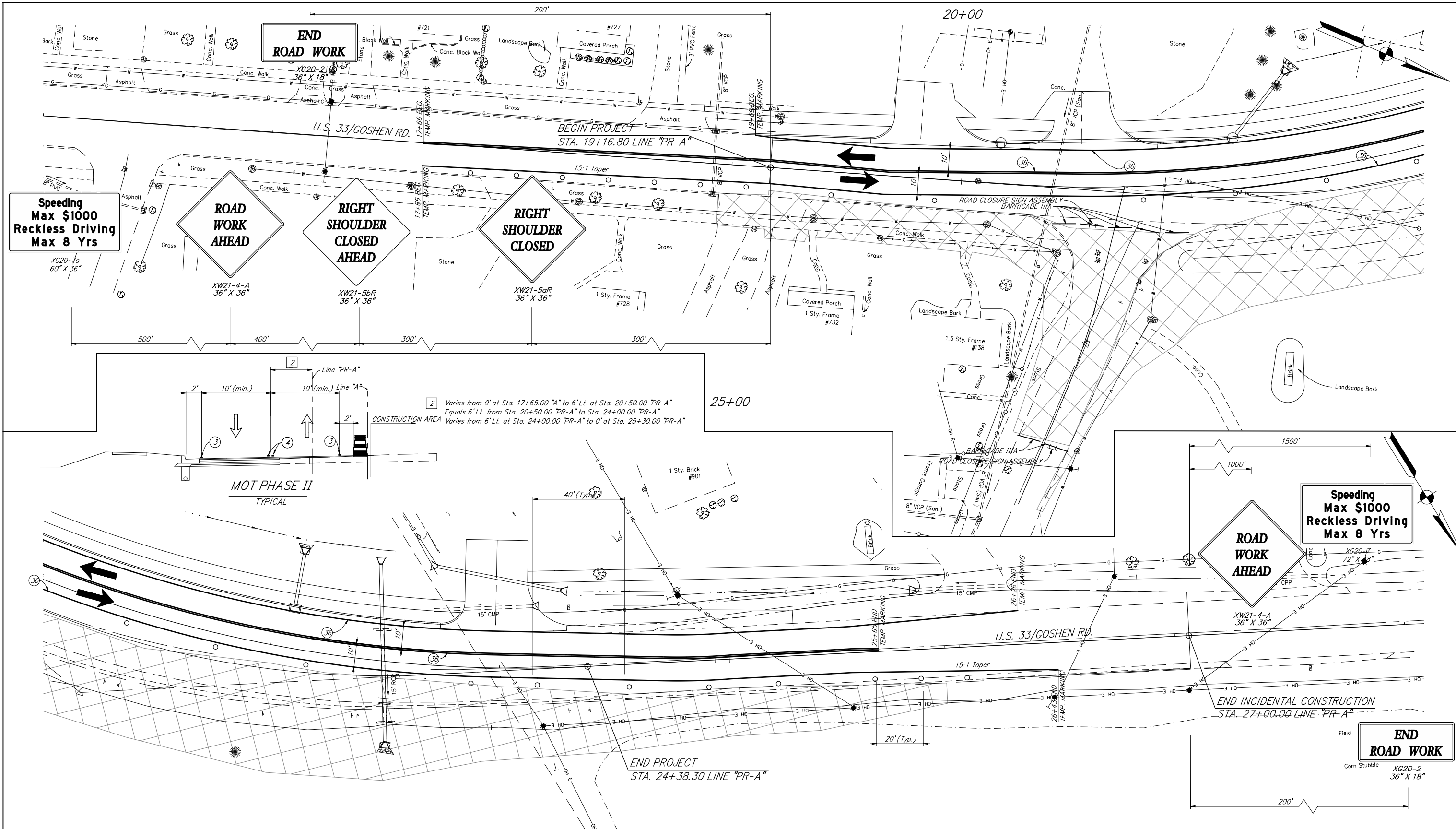
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

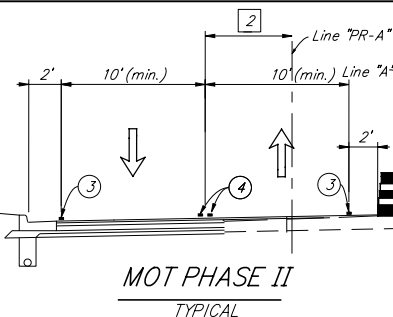
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 50'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
	5 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



	CONSTRUCTION SIGN, A	③ LINE, PAINT, SOLID, WHITE, 4 in.		RECOMMENDED FOR APPROVAL <i>Brian C. Fuller</i> 6/02/09 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PHASE I	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
		DIRECTION OF TRAFFIC		④ LINE, PAINT, SOLID, YELLOW, 4 in.		DESIGNED: BCF DRAWN: BCF CHECKED: CMP CHECKED: CMP	VERTICAL SCALE 1" = 20'
	STANDARD DRUM	③⑥ TEMPORARY PAVEMENT MARKING, 4 in.		SURVEY BOOK R-30247	SHEETS 6 of 32		
	BARRICADE, III-A			CONTRACT R-30247	PROJECT NO. NH 219-2 (034)		
	CONSTRUCTION AREA						



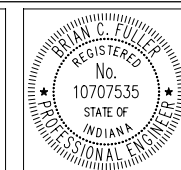
2 Varies from 0' at Sta. 17+65.00 "A" to 6' Lt. at Sta. 20+50.00 "PR-A"
 Equals 6' Lt. from Sta. 20+50.00 "PR-A" to Sta. 24+00.00 "PR-A"
 Varies from 6' Lt. at Sta. 24+00.00 "PR-A" to 0' at Sta. 25+30.00 "PR-A"



- 1 CONSTRUCTION SIGN, A
- 2 DIRECTION OF TRAFFIC
- 3 STANDARD DRUM
- 4 BARRICADE, III-A
- 5 CONSTRUCTION AREA
- 3 LINE, PAINT, SOLID, WHITE, 4 in.
- 4 LINE, PAINT, SOLID, YELLOW, 4 in.
- 36 TEMPORARY PAVEMENT MARKING, 4 in.

RECOMMENDED FOR APPROVAL *Ben C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

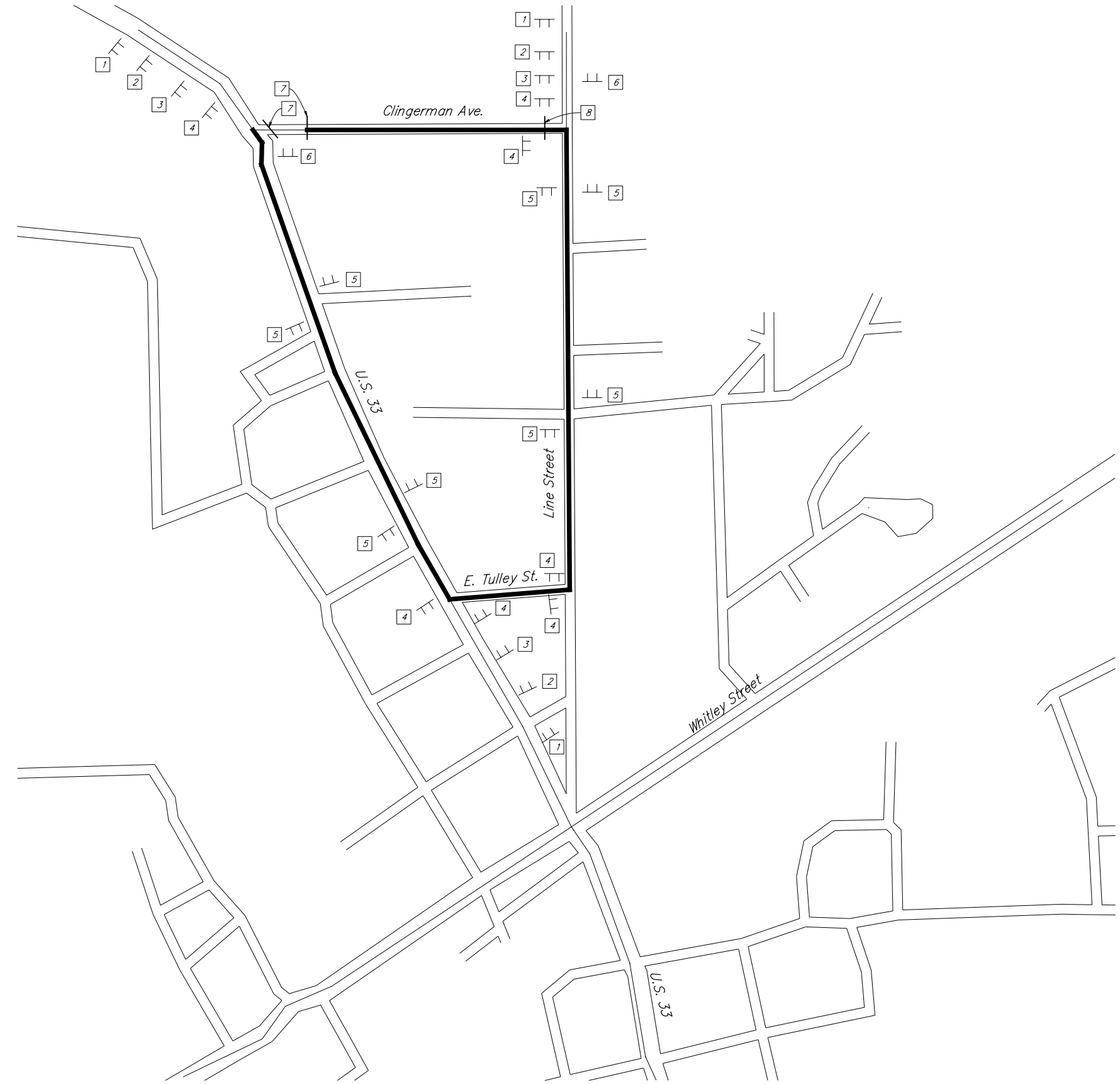


INDIANA
DEPARTMENT OF TRANSPORTATION

M.O.T. PHASE II

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 7 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)

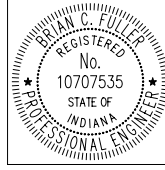
CONSTRUCTION ZONE DESIGN SPEED: 25 MPH



DETOUR SIGN LEGEND				
SYMBOL	MESSAGE	SIGN	TYPE	REQ'D
1	ROAD CLOSED AHEAD "Clingerman Ave."	XW20-3	A	3
2	DETOUR AHEAD "Clingerman Ave."	XW20-2	A	3
3	ADVANCED TURN DETOUR ROUTE MARKER ASSEMBLY (LEFT, RIGHT, OR STRAIGHT) "Clingerman Ave."			3 #
4	DIRECTIONAL DETOUR ROUTE MARKER ASSEMBLY (LEFT, RIGHT, OR STRAIGHT) "Clingerman Ave."			7 #
5	CONFIRMING DETOUR ROUTE MARKER ASSEMBLY (STRAIGHT)			8 #
6	END DETOUR ROUTE MARKER ASSEMBLY			2 #
7	ROAD CLOSED	R11-2	B	2 *
	TYPE III BARRICADE		A	7
8	ROAD CLOSED TO THRU TRAFFIC	R11-4	B	1 *
	DETOUR (left arrow)	XM4-10(L)	A	1 *
	TYPE III BARRICADE		B	2
9	ROAD CLOSED TO THRU TRAFFIC	R11-4	B	1 *
	DETOUR (right arrow)	XM4-10(R)	A	1 *
	TYPE III BARRICADE		B	2

* To be paid for as ROAD CLOSURE SIGN ASSEMBLY.
To be paid for as DETOUR ROUTE MARKER ASSEMBLY.

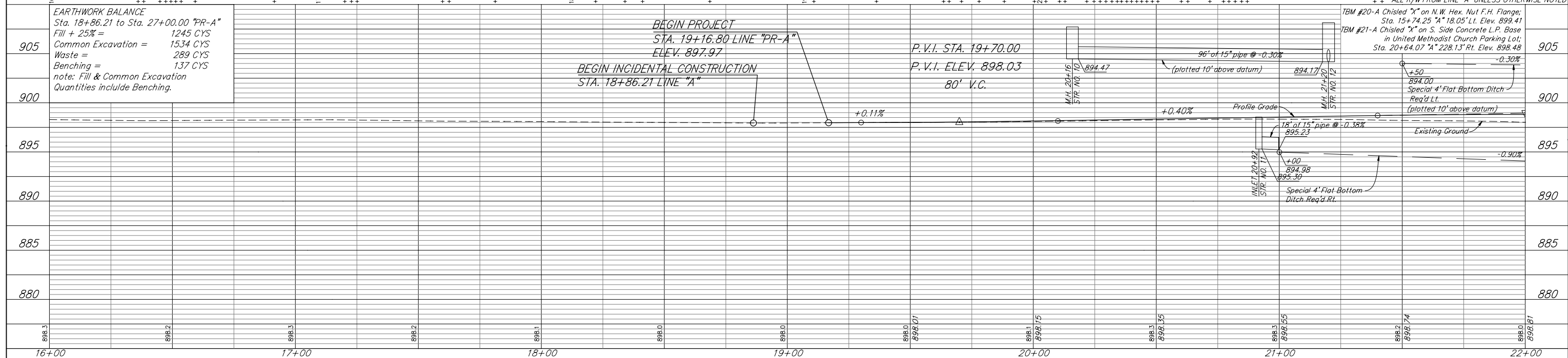
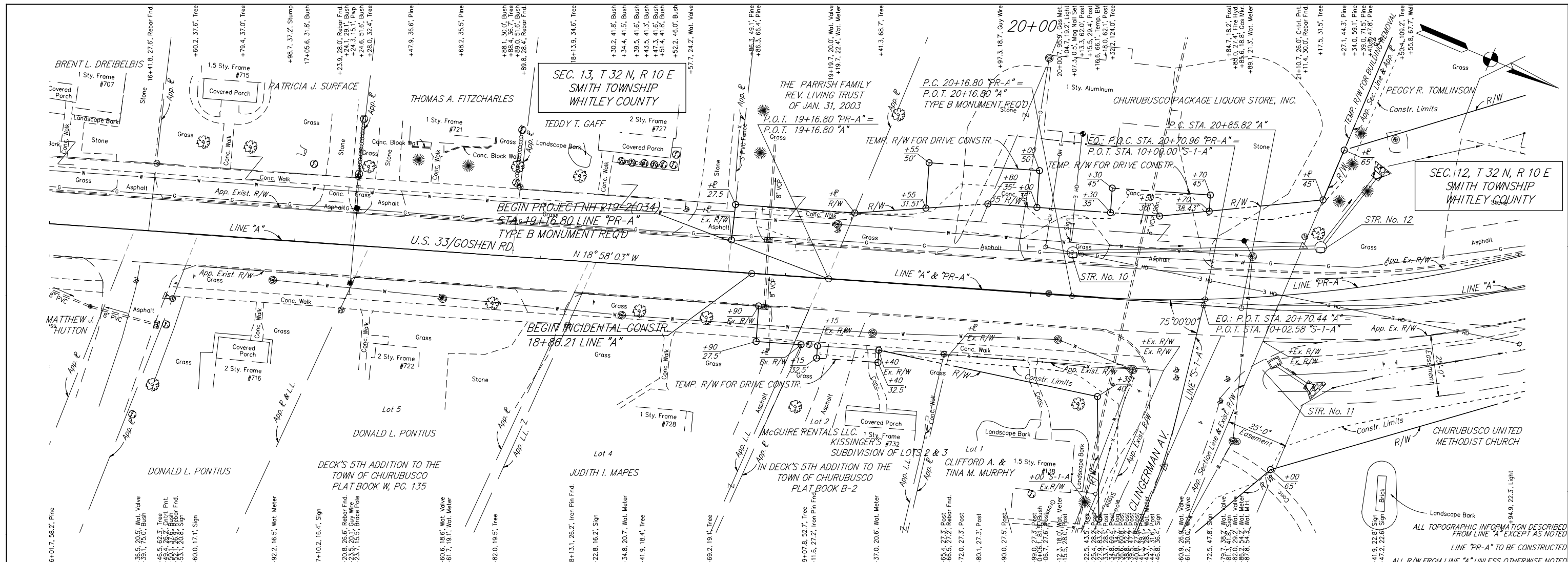
NOTES:
See INDOT Standard Drawings for sign details
Contractor shall provide residences and leasers
24 hour access for ingress and egress



RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
DESIGN ENGINEER DATE
DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION
DETOUR PLAN SHEET

HORIZONTAL SCALE 1" = 200'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 200'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 8 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



RECOMMENDED FOR APPROVAL: Ben Fuller, 6/02/09, DESIGN ENGINEER

DESIGNED: BCF, DRAWN: BCF

CHECKED: CMP, CHECKED: CMP

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "PR-A"

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 5'

SURVEY BOOK: R-30247

BRIDGE FILE: N/A

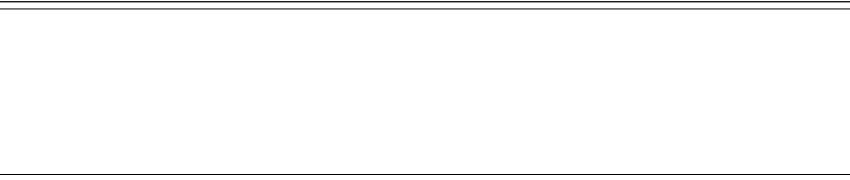
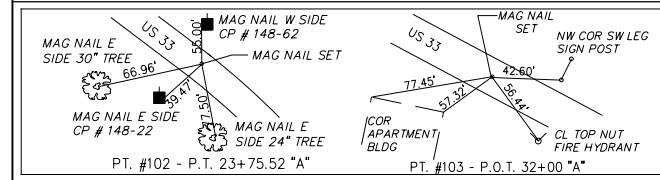
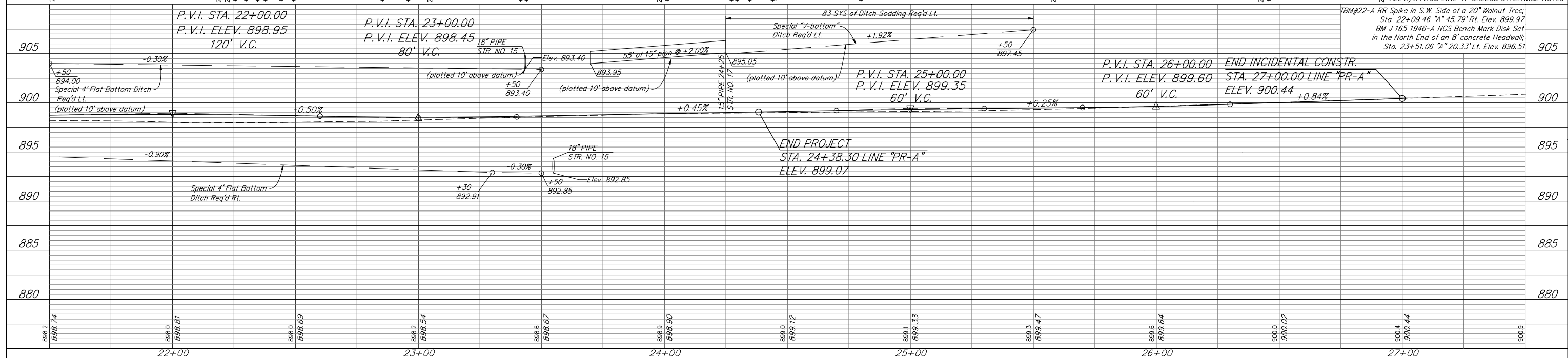
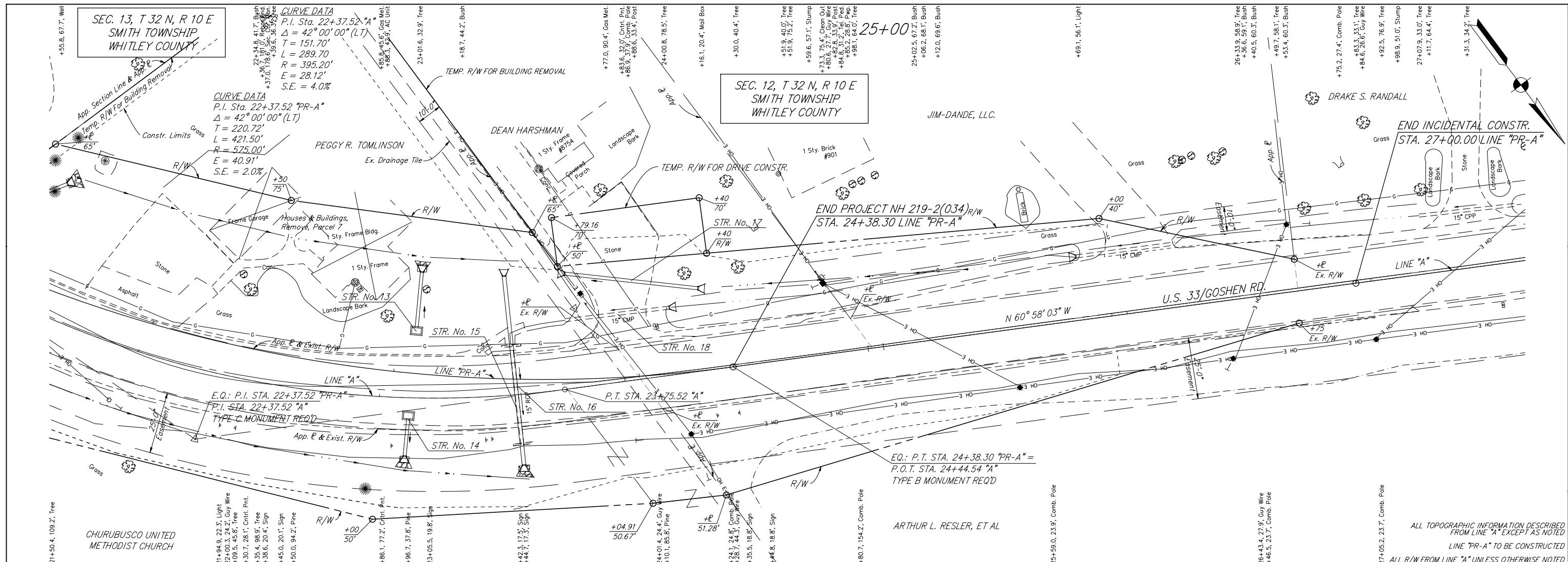
DESIGNATION NO.: 0101486

SHEETS: 9 of 32

PROJECT NO.: NH 219-2 (034)

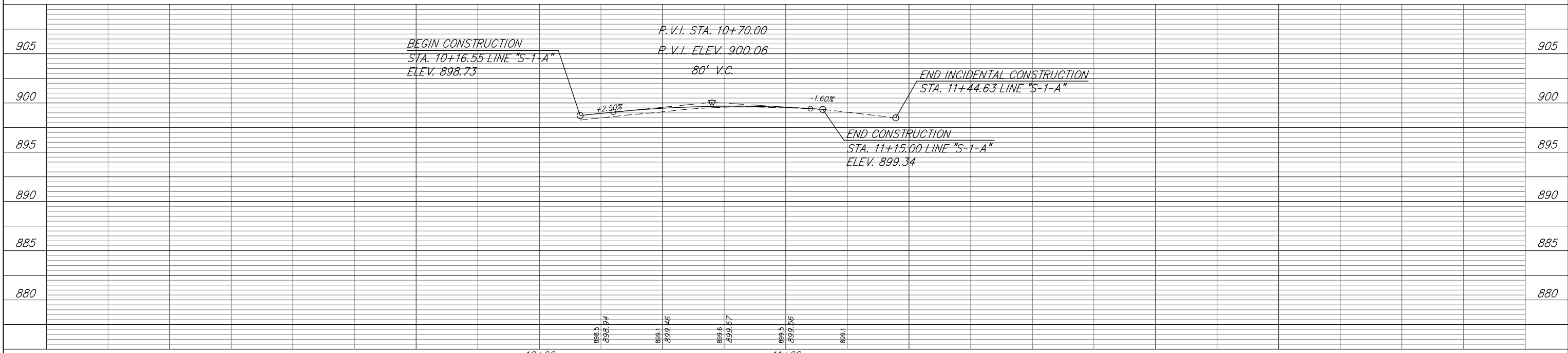
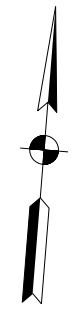
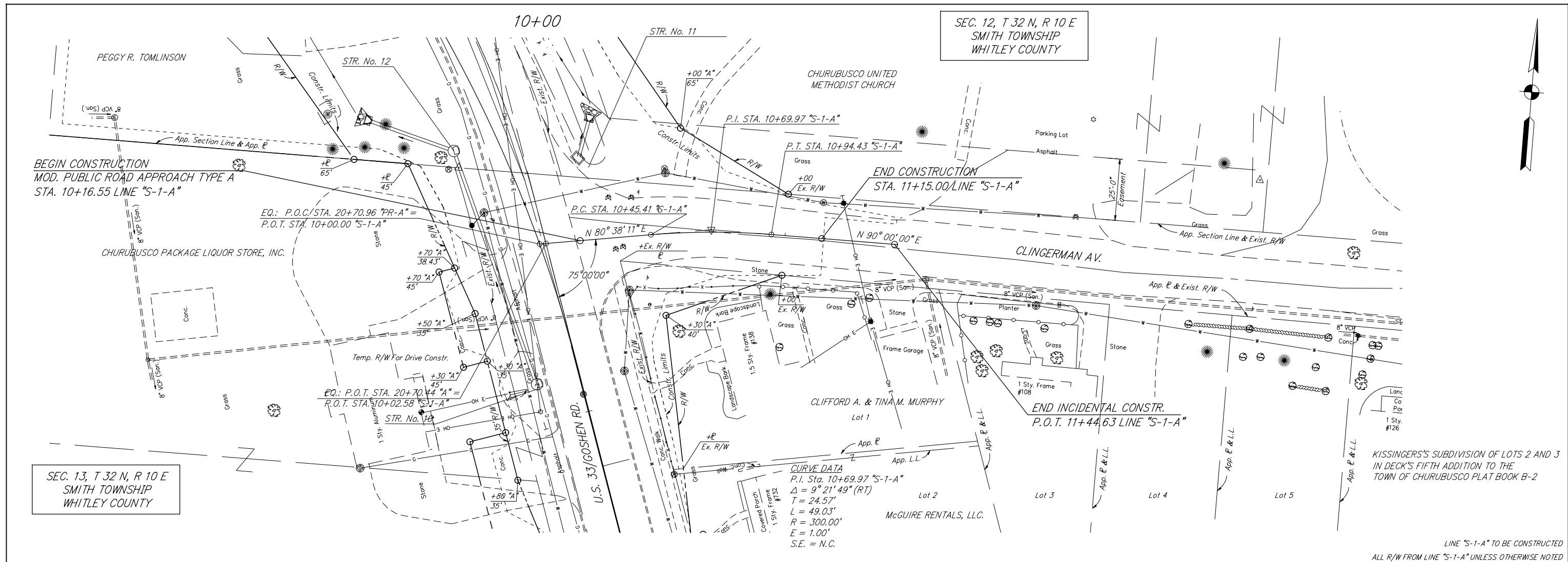
PT. #100 - P.O.T. 13+00 "A"

PT. #101 - P.C. 20+85.82 "A"

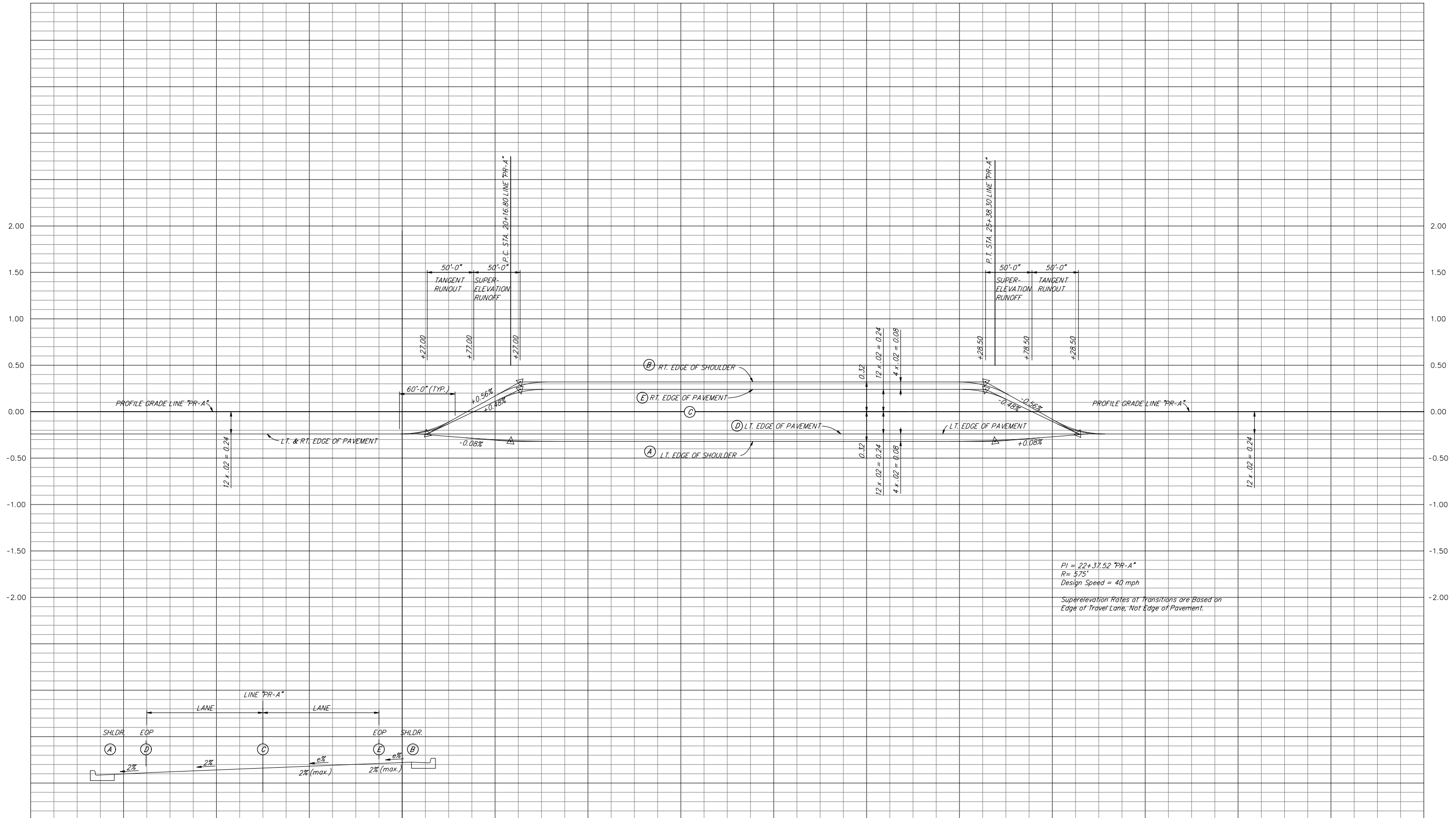


RECOMMENDED FOR APPROVAL	<i>Brian C. Fuller</i>	6/02/09
DESIGNED:	BCF	DATE
CHECKED:	CMP	
DRAWN:	BCF	
CHECKED:	CMP	

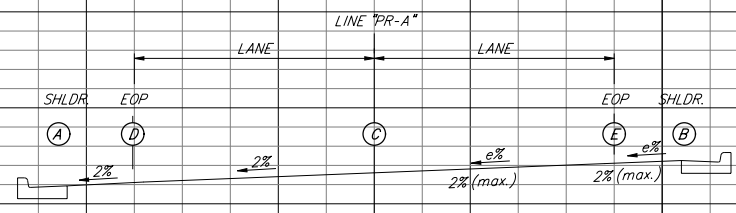
INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN & PROFILE	
LINE "PR-A"	
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
CONTRACT R-30247	10 of 32
	PROJECT NO. NH 219-2 (034)



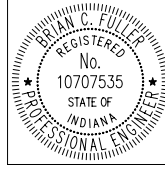
	RECOMMENDED FOR APPROVAL	<i>Brian C. Fuller</i>	6/02/09	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: BCF	DRAWN: BCF	DATE		1" = 20'	N/A
CHECKED: CMP	CHECKED: CMP			PLAN & PROFILE	VERTICAL SCALE	DESIGNATION NO.
				LINE "S-1-A"	1" = 5'	0101486
					SURVEY BOOK	SHEETS
					CONTRACT	11 of 32
					R-30247	PROJECT NO.
						NH 219-2 (034)



$PI = 22+37.52$ "PR-A"
 $R = 575'$
 Design Speed = 40 mph
 Superelevation Rates at Transitions are Based on
 Edge of Travel Lane, Not Edge of Pavement.



19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00



RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
 DESIGN ENGINEER DATE
 DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION
 SUPERELEVATION DIAGRAM
 LINE "PR-A"

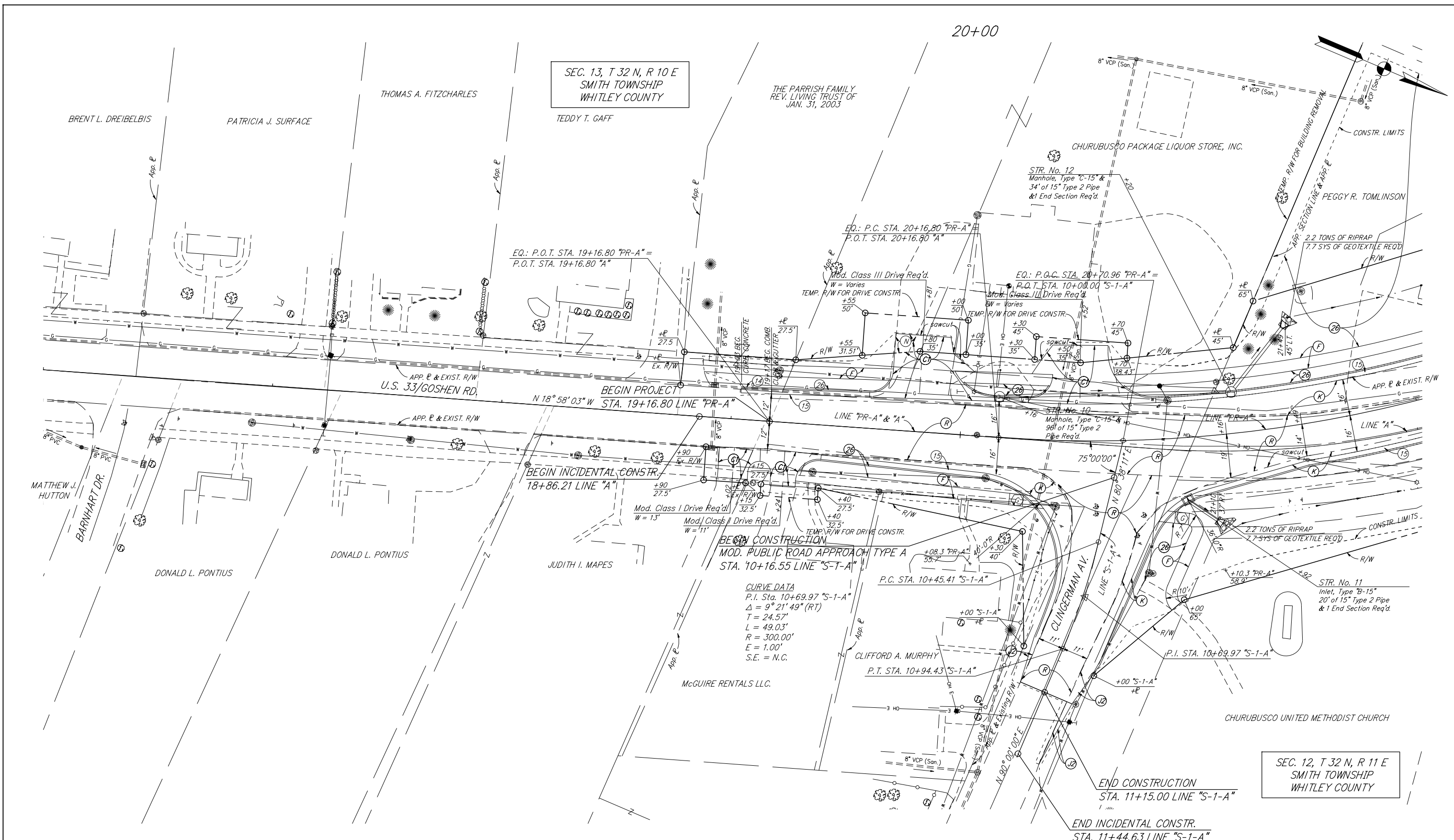
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 0.5'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 12 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)

20+00

SEC. 13, T 32 N, R 10 E
SMITH TOWNSHIP
WHITLEY COUNTY

THE PARRISH FAMILY
REV. LIVING TRUST OF
JAN. 31, 2003

SEC. 12, T 32 N, R 11 E
SMITH TOWNSHIP
WHITLEY COUNTY



RECOMMENDED FOR APPROVAL *Ben Fuller* 6/02/09
DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

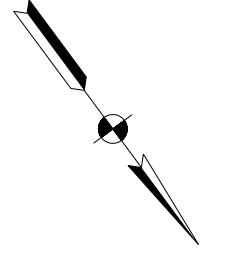
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
LINE "PR-A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
CONTRACT R-30247	13 of 32 PROJECT NO. NH 219-2 (034)

ALL R/W FROM LINE "A" UNLESS OTHERWISE NOTED.

25+00



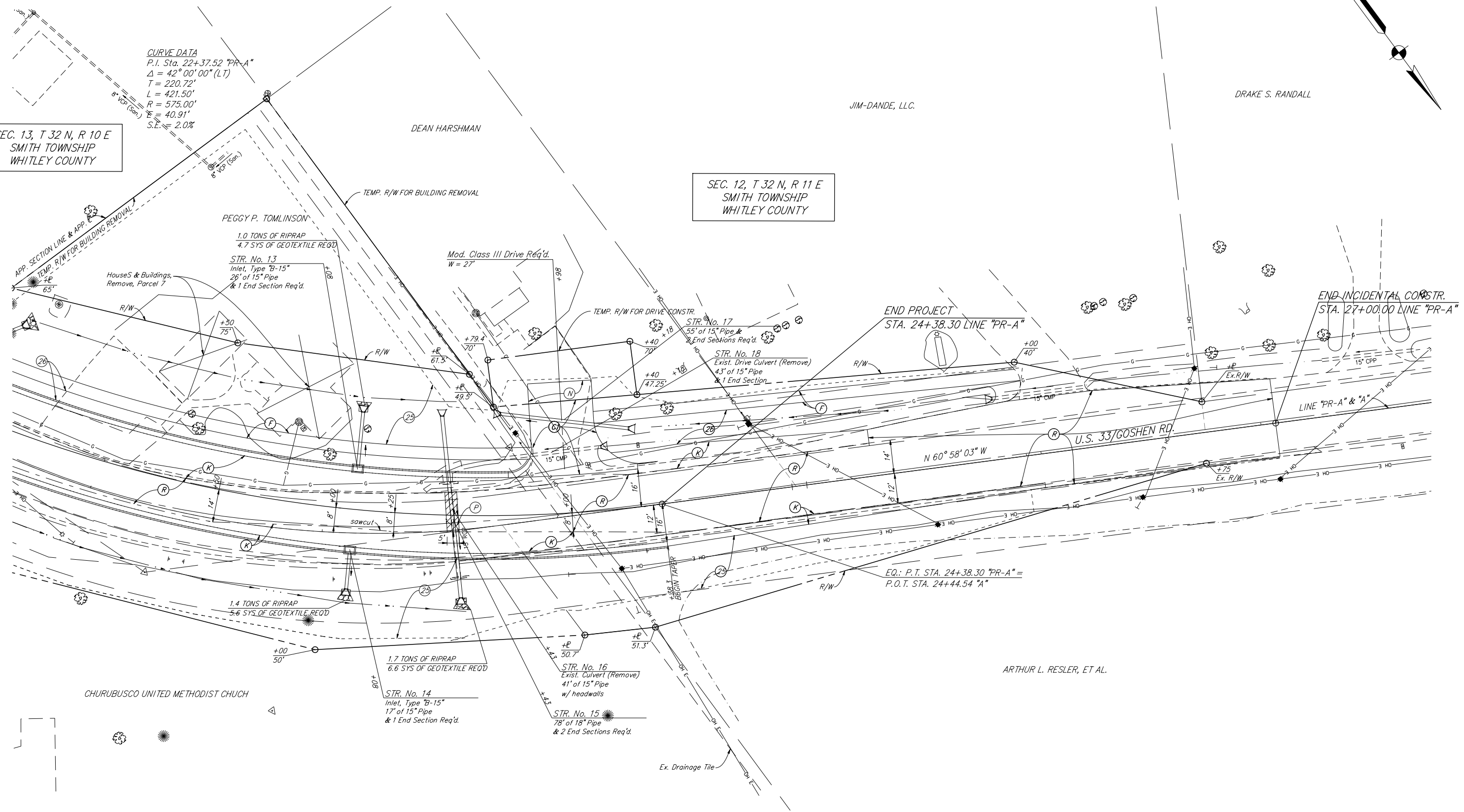
DRAKE S. RANDALL

JIM-DANDE, LLC.

CURVE DATA
 P.I. Sta. 22+37.52 "PR-A"
 $\Delta = 42^\circ 00' 00"$ (LT)
 $T = 220.72'$
 $L = 421.50'$
 $R = 575.00'$
 $E = 40.91'$
 S.E. = 2.0%

SEC. 13, T 32 N, R 10 E
 SMITH TOWNSHIP
 WHITLEY COUNTY

SEC. 12, T 32 N, R 11 E
 SMITH TOWNSHIP
 WHITLEY COUNTY

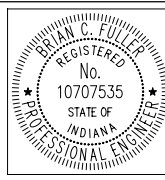


CHURUBUSCO UNITED METHODIST CHUCH

ARTHUR L. RESLER, ET AL.

ALL R/W FROM LINE "A" UNLESS OTHERWISE NOTED.

(C)	PCCP for Approaches, 6" on Subgrade Treatment Type III-A	(N)	Compacted Aggregate for Surface, No. xx	(14)	Curb, Concrete
(F)	Concrete Sidewalk, 4"	(P)	HMA for Structure Installation Type D	(15)	Combined Concrete Curb and Gutter
(SD)	Variable-Depth Compacted Aggregate for Shoulder	(R)	165 #/Syd. HMA, Type D, Surface, on Variable Depth HMA, Type D, Intermediate (220 #/Syd. min.) on 1.5" Surface Milling	(25)	Seeding, Type U
(K)	165 #/Syd. HMA, Type D, Surface, on 275 #/Syd. HMA, Type D, Intermediate, on 1210 #/Syd. HMA, Type D, Base, on Subgrade Treatment Type "A"	(X)	Concrete Curb Ramp (Type is Indicated by Letter Inside Hexagon)	(26)	Sodding (Nursery)
				(X)	Building Removal



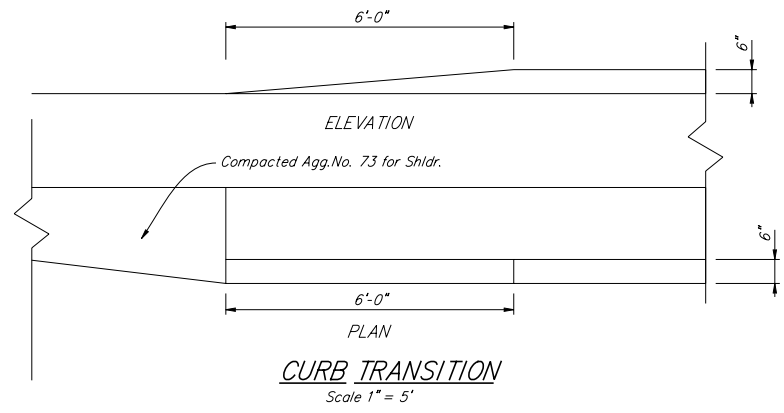
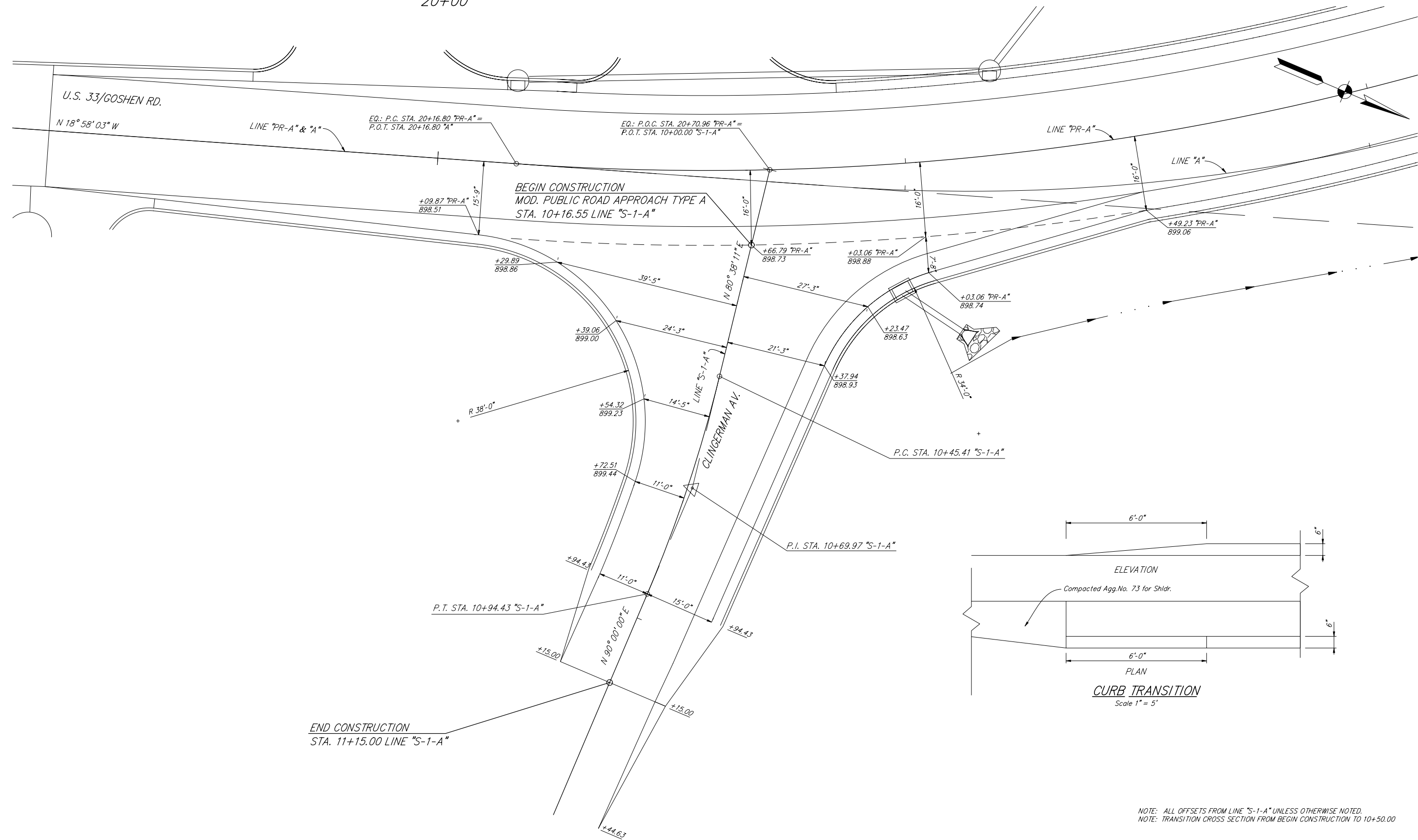
RECOMMENDED FOR APPROVAL	<i>Brian C. Fuller</i>	6/02/09	
DESIGNED:	BCF	DRAWN:	BCF
CHECKED:	CMP	CHECKED:	CMP

INDIANA DEPARTMENT OF TRANSPORTATION

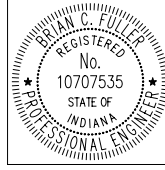
CONSTRUCTION DETAIL
 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION NO.
1" = 20'	0101486
SURVEY BOOK	SHEETS
	14 of 32
CONTRACT	PROJECT NO.
R-30247	NH 219-2 (034)

20+00



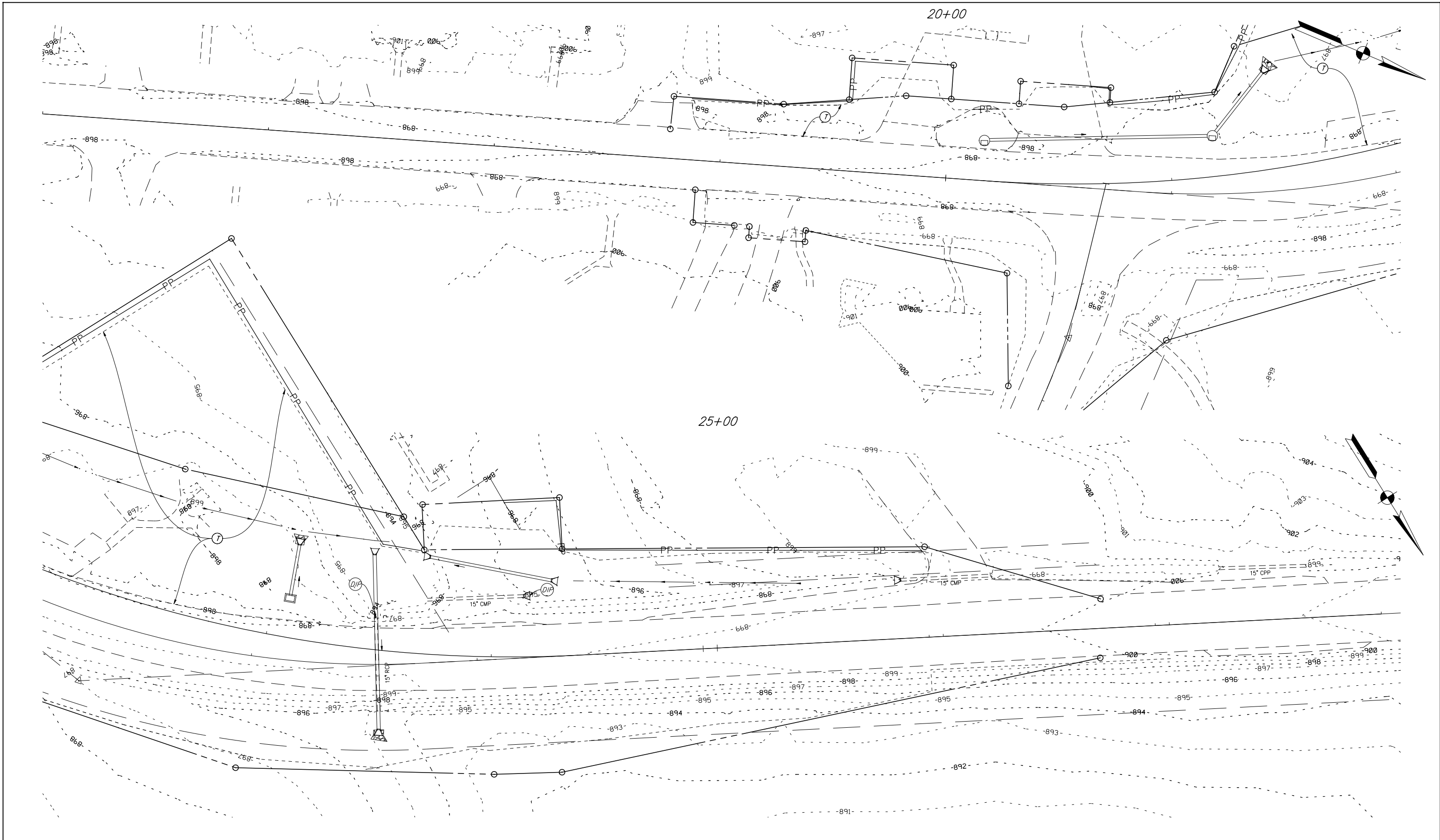
NOTE: ALL OFFSETS FROM LINE "S-1-A" UNLESS OTHERWISE NOTED.
NOTE: TRANSITION CROSS SECTION FROM BEGIN CONSTRUCTION TO 10+50.00



RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
DESIGN ENGINEER DATE
DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

INDIANA DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAIL
LINE "S-1-A"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 15 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



CDRR	Temporary Check Dam, Revetment Riprap
DIP	Temporary Ditch Inlet Protection
PP	Temporary Silt Fence
T	Temporary Mulching

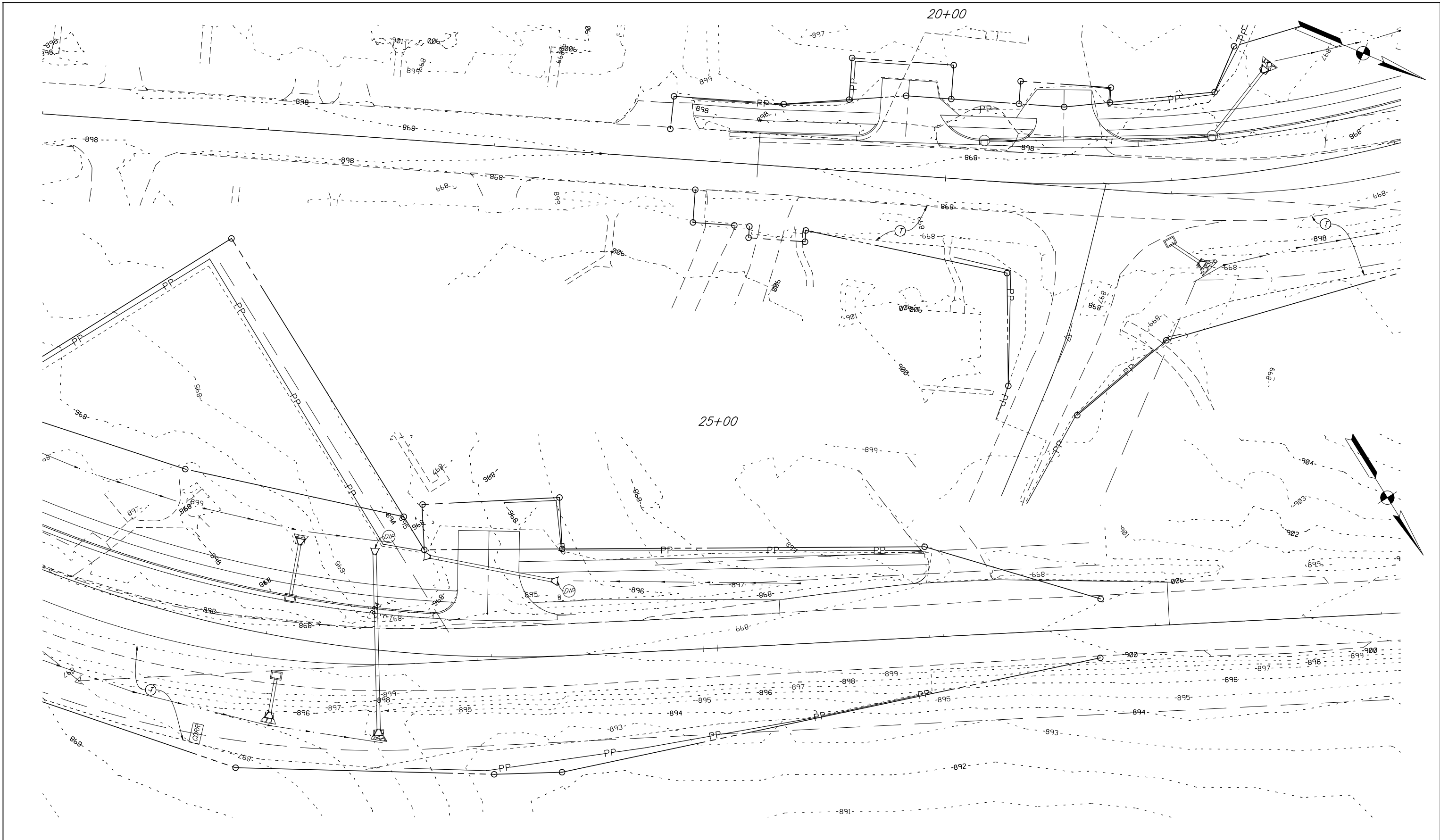
RECOMMENDED FOR APPROVAL: *Brian C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PHASE I

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
CONTRACT R-30247	16 of 32 PROJECT NO. NH 219-2 (034)



CDRR	Temporary Check Dam, Revetment Riprap
DIP	Temporary Ditch Inlet Protection
PP	Temporary Silt Fence
M	Temporary Mulching

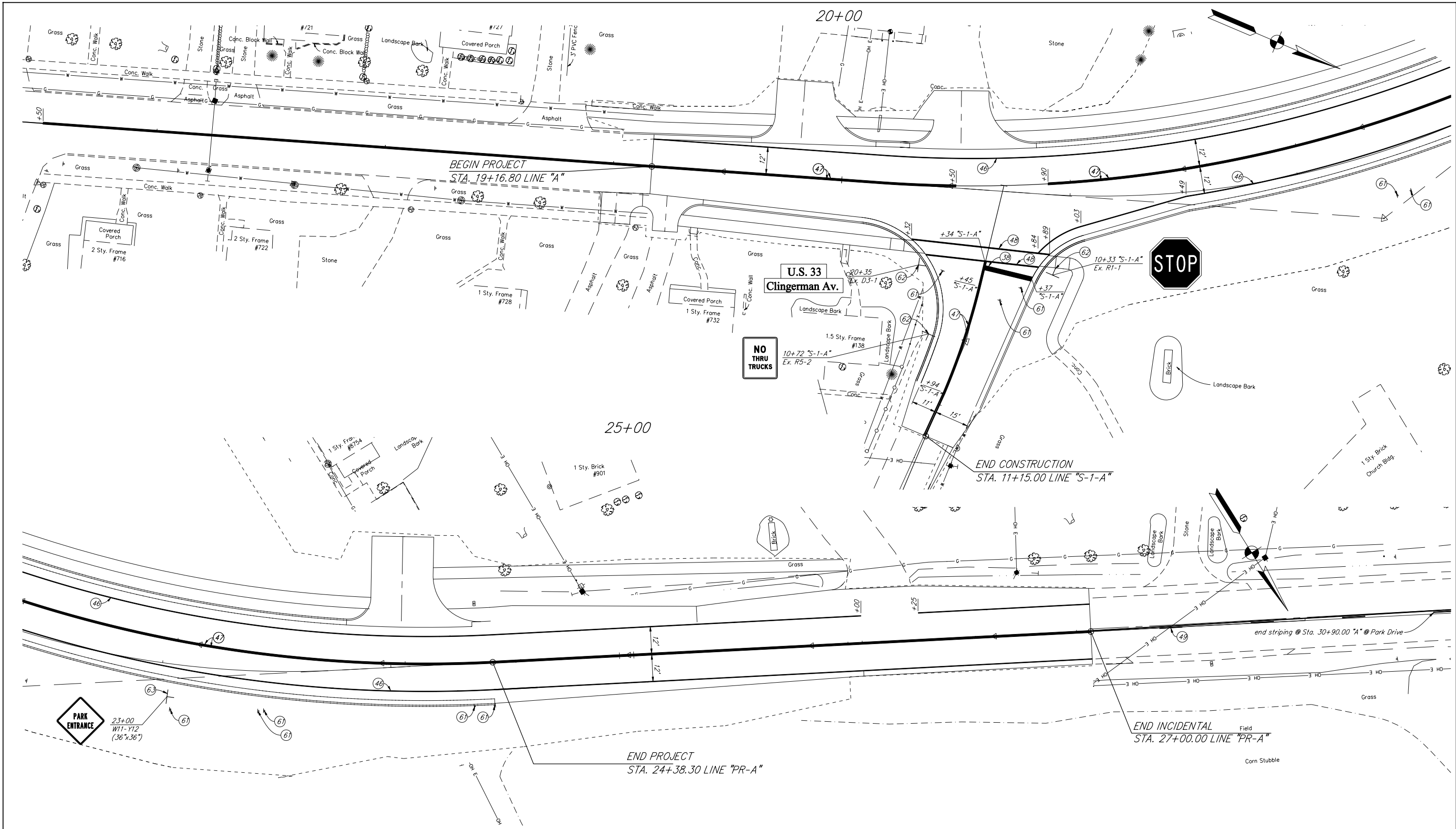
RECOMMENDED FOR APPROVAL: *Brian C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP


INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PHASE II

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 17 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



- (38) Transverse Markings, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Solid, White, 6 in.
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (61) Remove Ex. Sheet Sign and Post
- (62) Ex. Sheet Sign on New Supports
- (63) New Sheet Sign on New Supports
- < Snowplowable Raised Pavement Marker (Two-way, Yellow)



RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

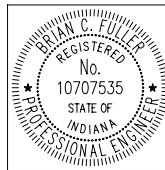
INDIANA
DEPARTMENT OF TRANSPORTATION

SIGN & PAVEMENT MARKINGS

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
CONTRACT R-30247	18 of 32 PROJECT NO. NH 219-2 (034)

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE in.	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH ft.	SKEW	COVER ft.	FLOW LINE		SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	BORROW FOR STR. BACKFILL CYS.	TYPE	CLASS 1 RIPRAP TON	UNIFORM RIPRAP TON	GEOTEXTILES SYS.	VIDEO INSPECTION LFT.	PIPE END SECTION EACH	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS		
	STATION	LEFT	RIGHT							CROSS	UP STREAM ELEV.												DOWN STREAM ELEV.	TYPE	SLOPE	EACH	SLOPE			EACH	
10	20+14.0	*			15	2	Manhole C-15	96		1.7	894.47	894.17	75	NA	7.0	1	32.0	1.0				96.0								12	
11	20+93.0		*		15	2	Inlet B-15	18		2.0	895.30	895.23	75	NA	7.0	1	6.1	1.0	2.2	7.7		1									
12	21+20.0	*			15	2	Manhole C-15	34		0.7	894.17	894.04	75	NA	7.0	1	10.0	1.0	2.2	7.7	34.0	1									
13	23+07.6	*			15	2	Inlet B-15	25		3.1	893.63	893.53	75	NA	7.0	1	13.0	1.0	1.0	4.7		1									
14	23+07.6		*		15	2	Inlet B-15	17		1.9	894.45	893.36	75	NA	7.0	1	6.7	1.0	1.4	5.6		1									
15	23+43.0			*	18	1	Pipe Culvert	78	7.2	2.6	893.40	892.85	75	NA	7.0	1	32.0	1.0	1.7	6.6		2									
16	23+43.0			*			Ex. Culvert		7.2																					Pipe, Remove and 42' of 15" pipe	
17	24+17.8	*			15	3	Drive Pipe	55		0.9	895.05	894.88	75	NA	7.0	1	9.6	1.0				2									
18	24+17.8	*					Ex. Drive Pipe																							Pipe, Remove and 43' of 15" pipe	



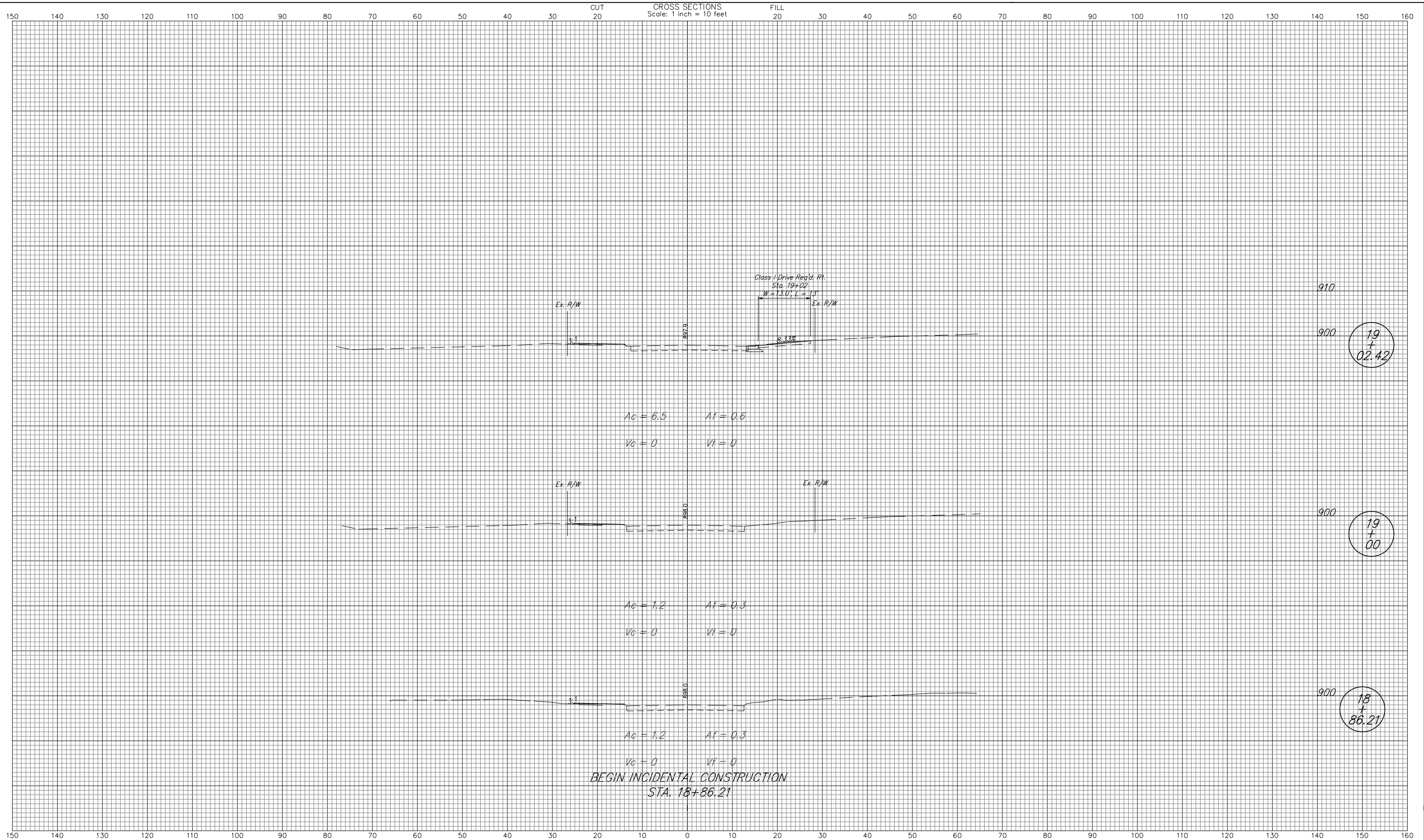
RECOMMENDED FOR APPROVAL *Brian C. Fuller* 6/02/09
 DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

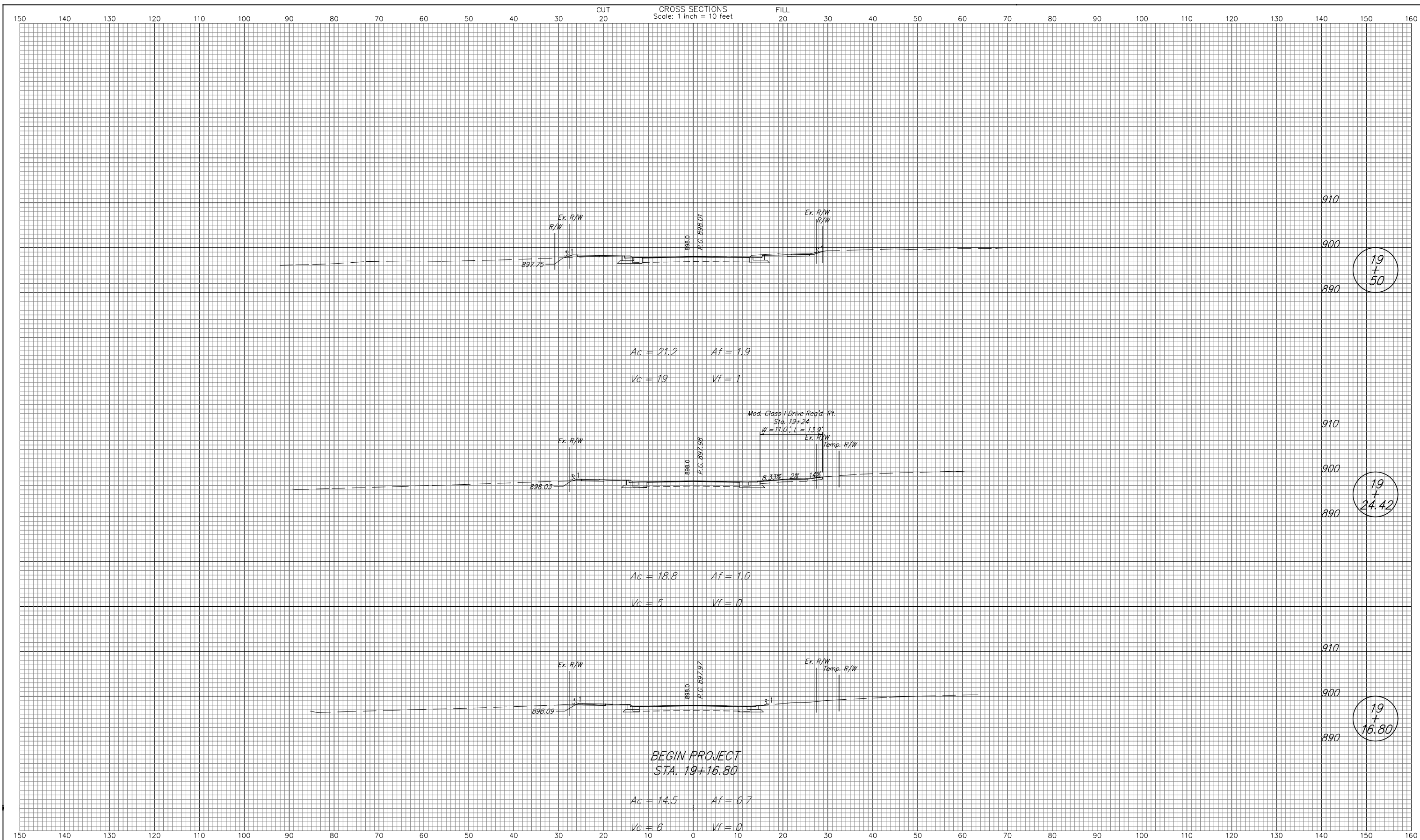
INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	N/A
	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS
	21 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10' SURVEY BOOK CONTRACT R-30247	BRIDGE FILE N/A DESIGNATION NO. 0101486 SHEETS 23 of 32 PROJECT NO. NH 219-2 (034)
DESIGNED: BCF DRAWN: BCF CHECKED: CMP CHECKED: CMP	CROSS SECTION LINE "PR-A"		

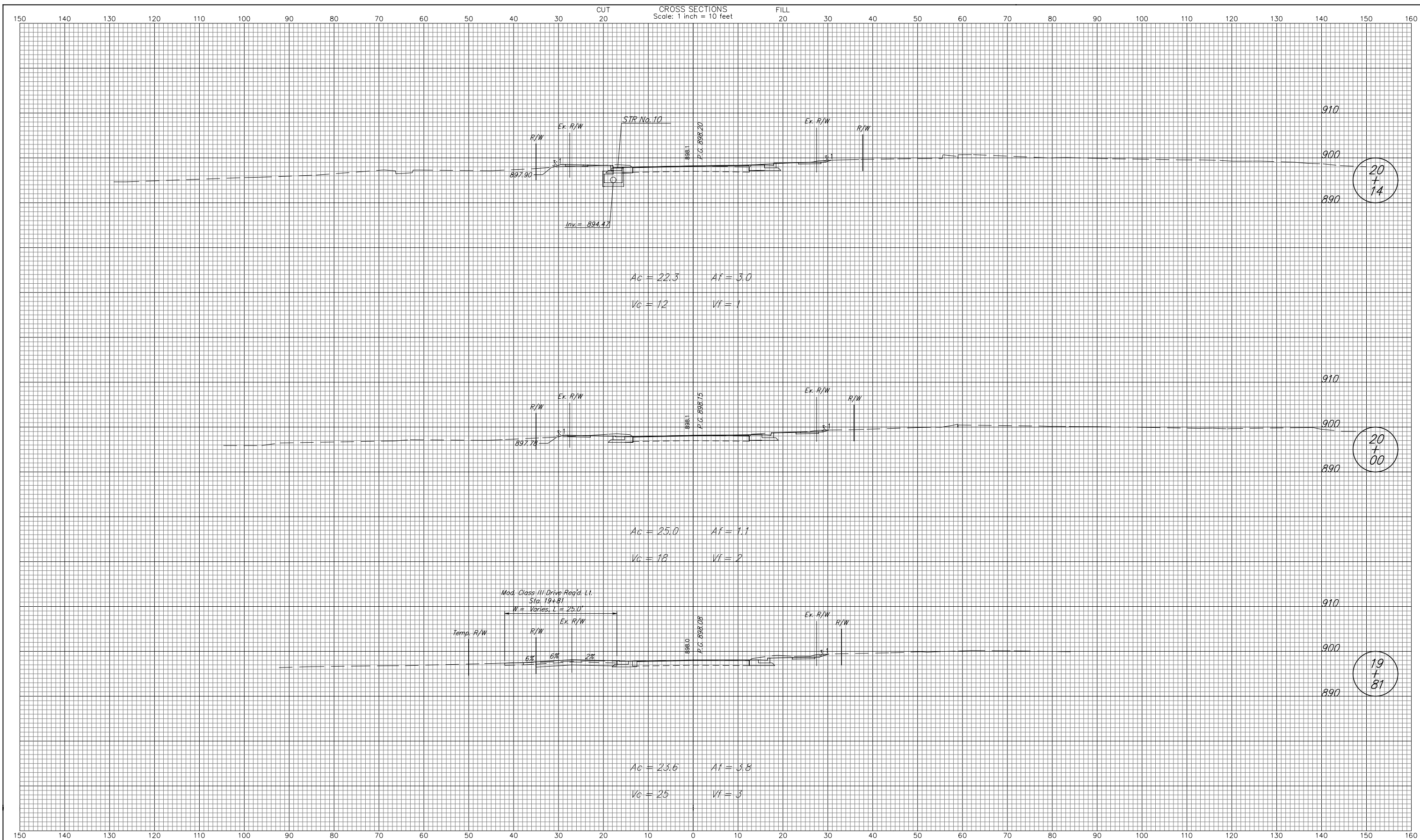


19
+
50

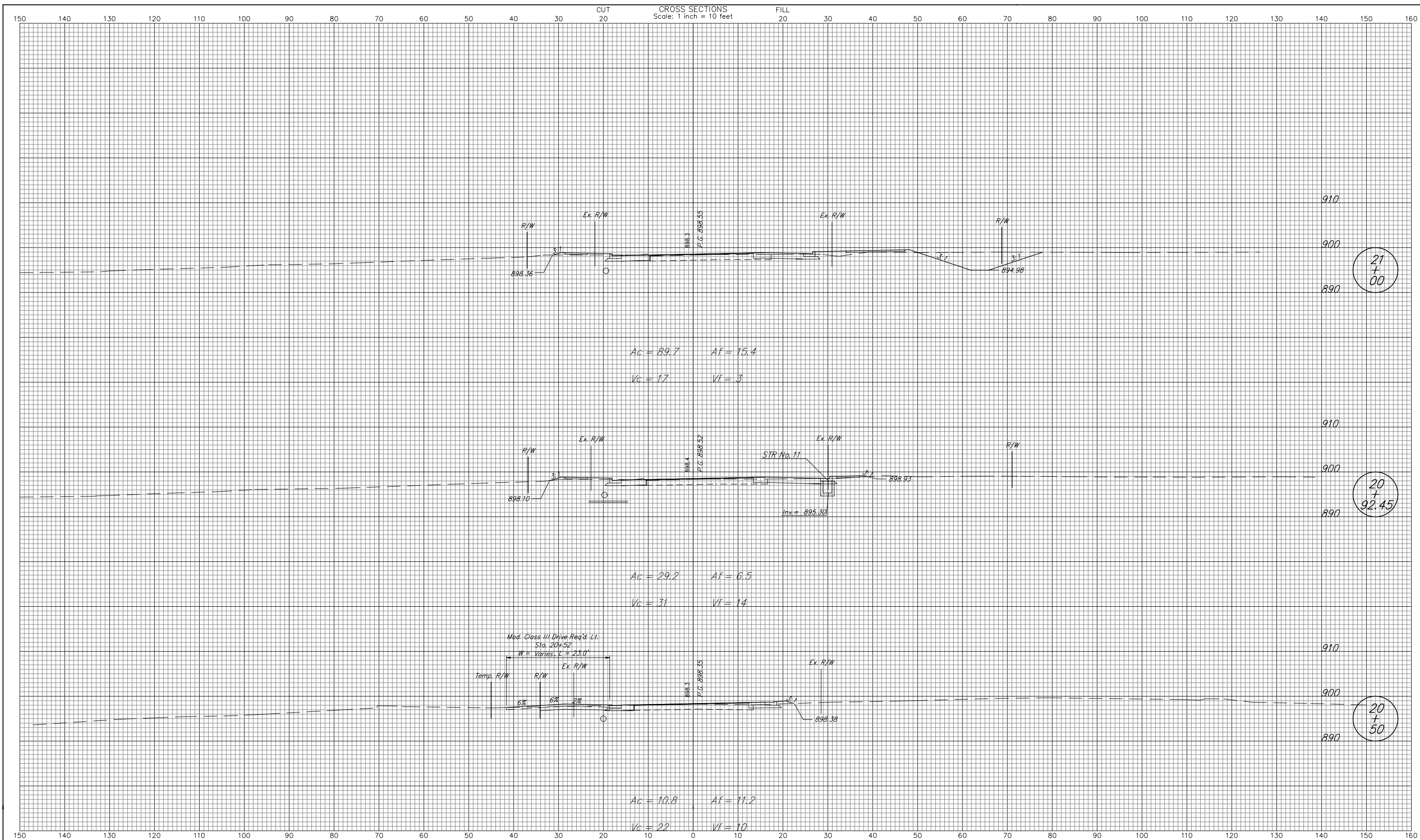
19
+
24.42

19
+
16.80

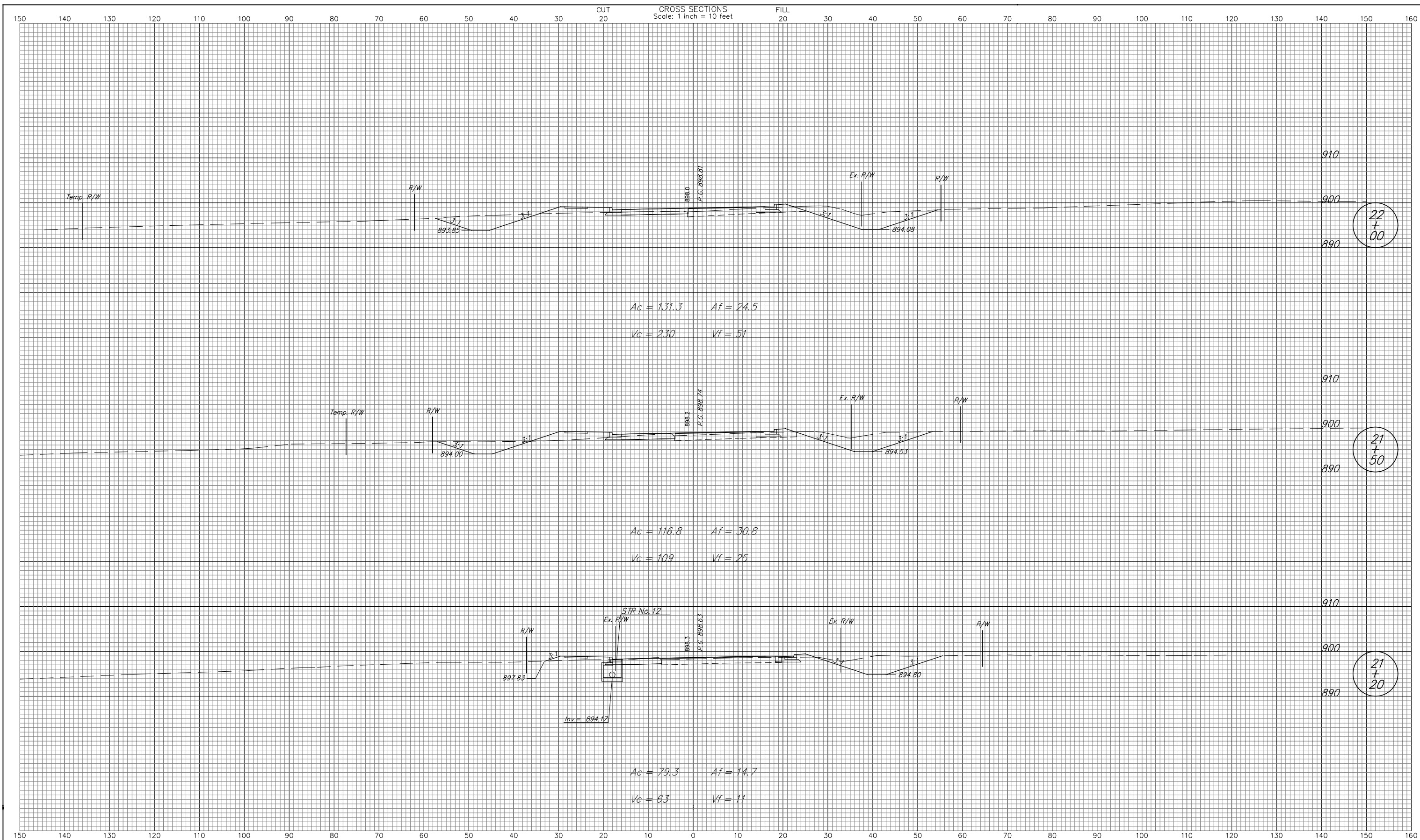
<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____</p> <p>DESIGNED: BCF DRAWN: BCF</p> <p>CHECKED: CMP CHECKED: CMP</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>CROSS SECTION LINE "PR-A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>24 of 32 PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS	CONTRACT R-30247	24 of 32 PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS									
CONTRACT R-30247	24 of 32 PROJECT NO. NH 219-2 (034)									



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTION LINE "PR-A"	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS 25 of 32</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS 25 of 32	CONTRACT R-30247	PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS 25 of 32									
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)									
DESIGNED: BCF DRAWN: BCF CHECKED: CMP CHECKED: CMP										



<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE</p> <p>DESIGNED: BCF DRAWN: BCF CHECKED: CMP CHECKED: CMP</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>CROSS SECTION LINE "PR-A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS 26 of 32</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS 26 of 32	CONTRACT R-30247	PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS 26 of 32									
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)									

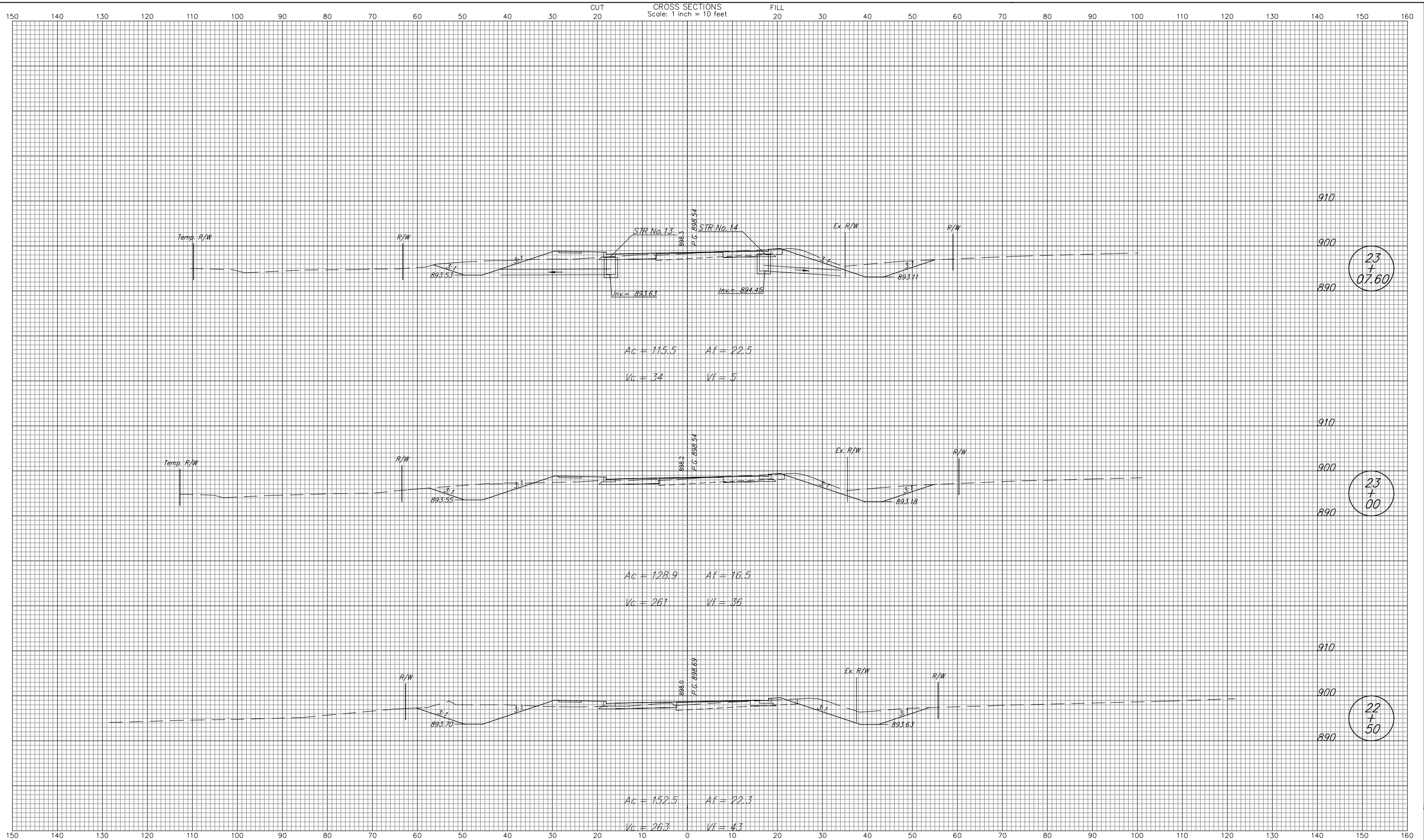


22
+
00

21
+
50

21
+
20

<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE</p> <p>DESIGNED: BCF DRAWN: BCF</p> <p>CHECKED: CMP CHECKED: CMP</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>CROSS SECTION LINE "PR-A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS 27 of 32</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS 27 of 32	CONTRACT R-30247	PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS 27 of 32									
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)									



23
+
07.60

23
+
00

22
+
50

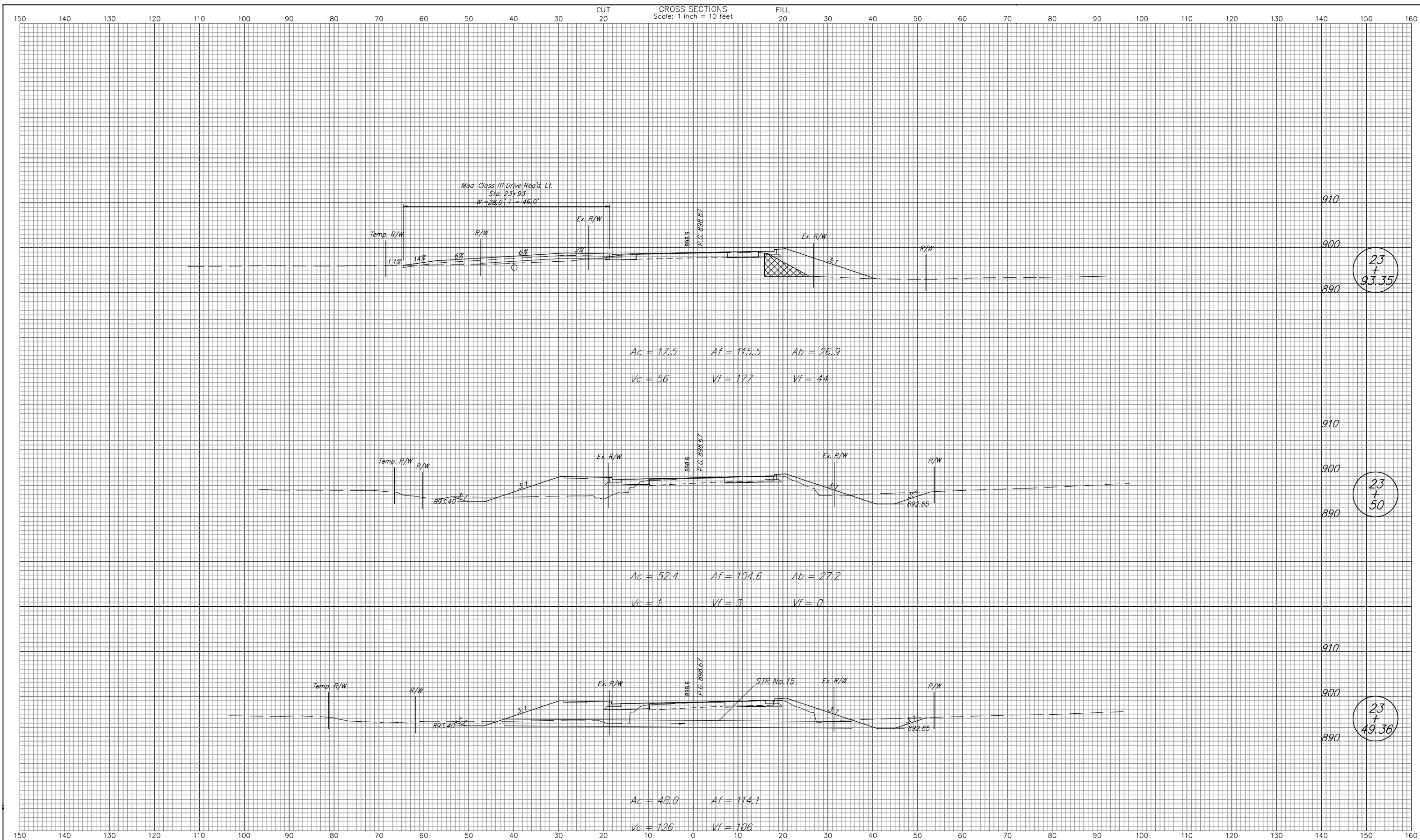
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
 LINE "PR-A"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 28 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)

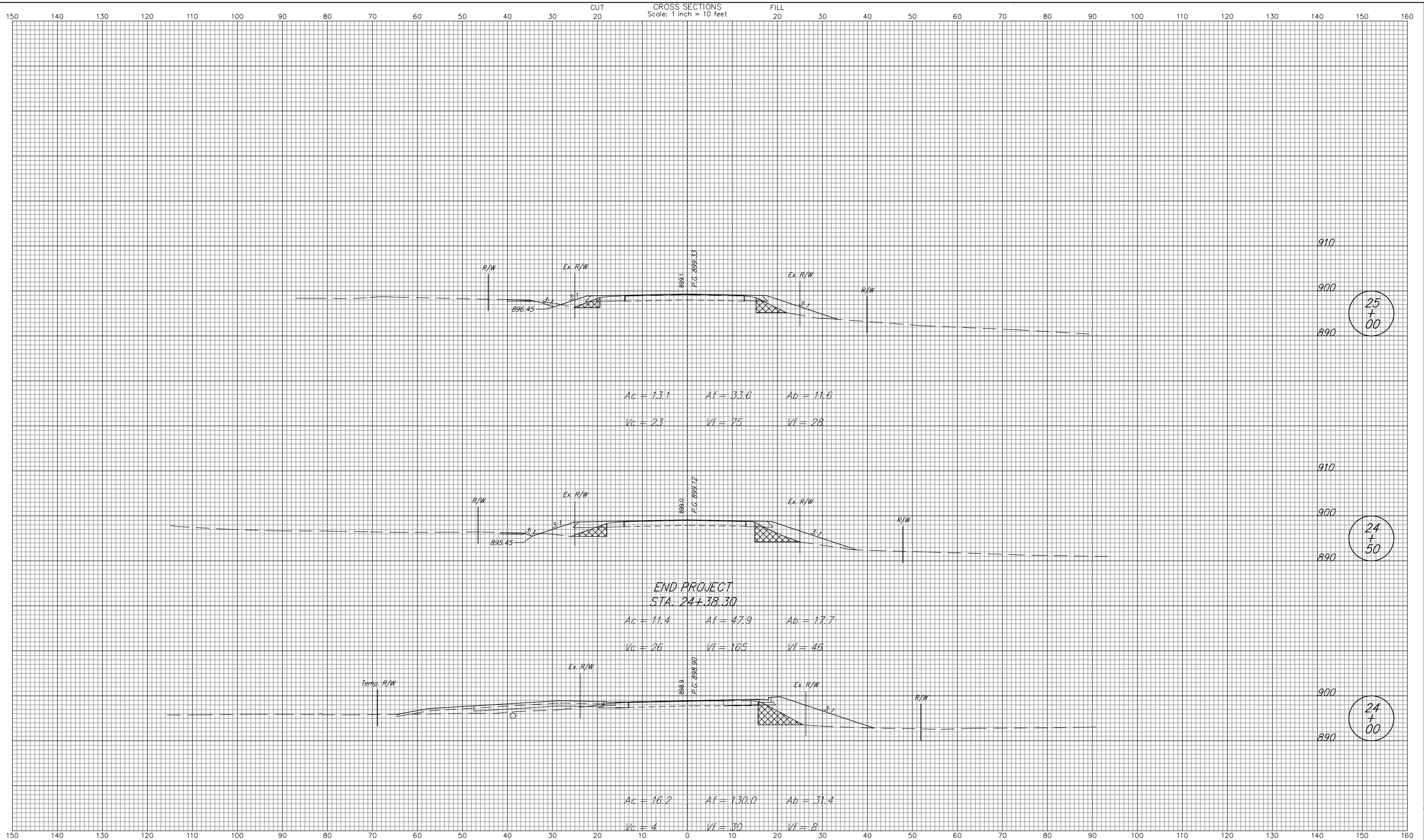


23
+
93.35

23
+
50

23
+
49.36

<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____</p> <p>DESIGNED: BCF DRAWN: BCF</p> <p>CHECKED: CMP CHECKED: CMP</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>CROSS SECTION LINE "PR-A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS 29 of 32</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS 29 of 32	CONTRACT R-30247	PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS 29 of 32									
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)									



25
+
00

24
+
50

24
+
00

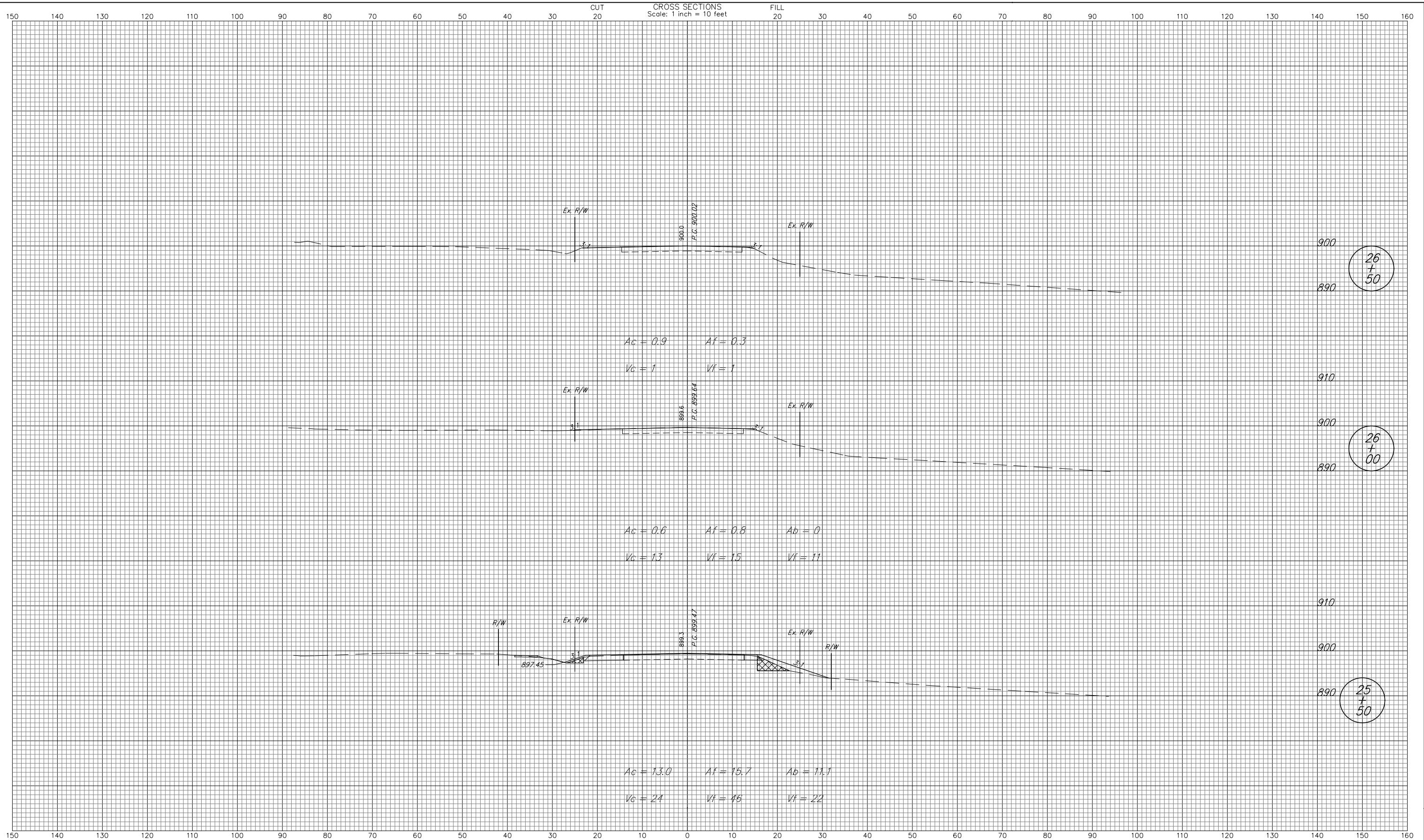
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

DESIGNED: BCF DRAWN: BCF
 CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
 LINE "PR-A"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 30 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



26
+
50

26
+
00

25
+
50

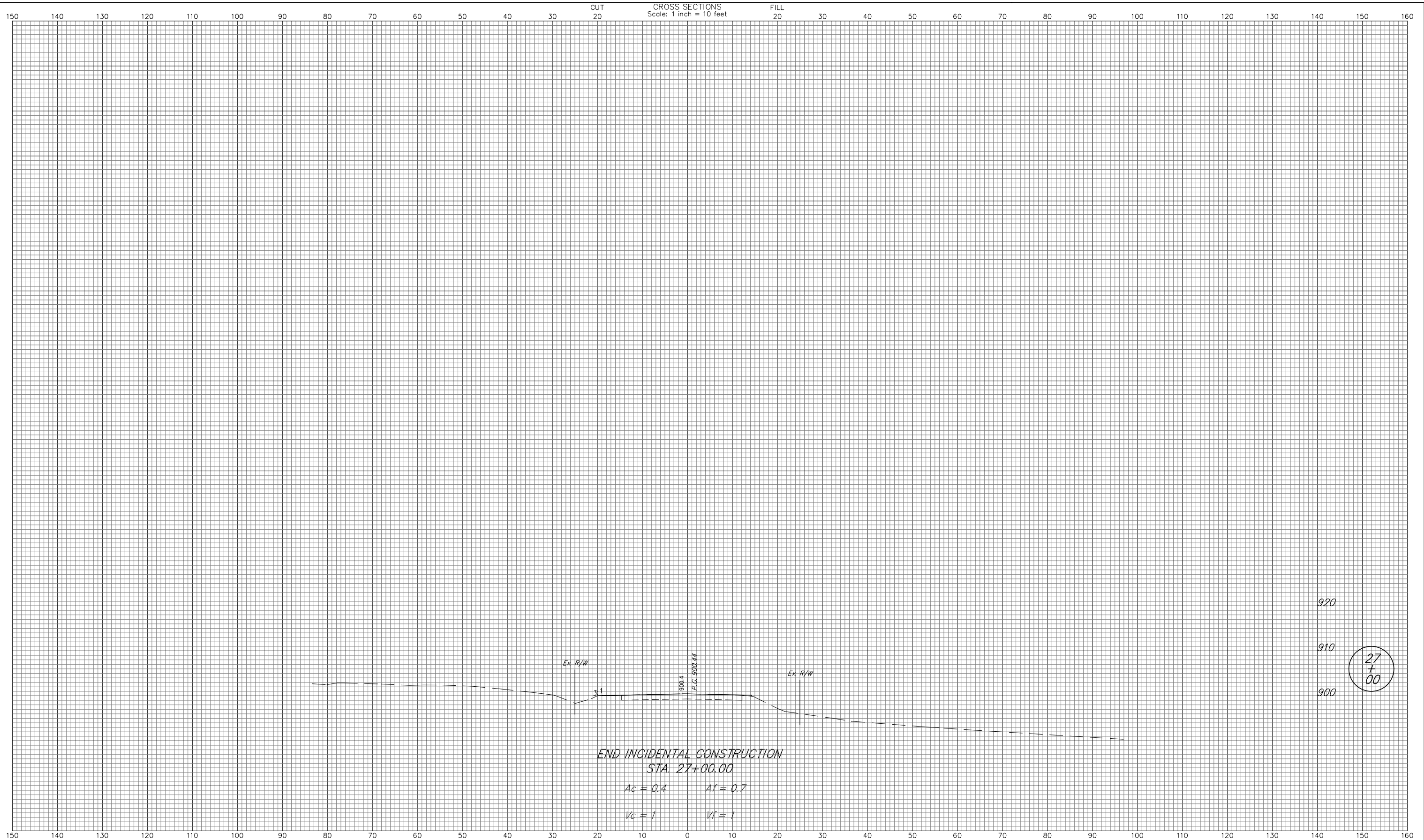
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____

DESIGNED: BCF DRAWN: BCF
CHECKED: CMP CHECKED: CMP

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-A"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486
SURVEY BOOK	SHEETS 31 of 32
CONTRACT R-30247	PROJECT NO. NH 219-2 (034)



<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____</p> <p>DESIGNED: <u>BCF</u> DRAWN: <u>BCF</u> CHECKED: <u>CMP</u> CHECKED: <u>CMP</u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>CROSS SECTION LINE "PR-A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 10'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION NO. 0101486</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>CONTRACT R-30247</td> <td>32 of 32 PROJECT NO. NH 219-2 (034)</td> </tr> </table>	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486	SURVEY BOOK	SHEETS	CONTRACT R-30247	32 of 32 PROJECT NO. NH 219-2 (034)
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE N/A									
VERTICAL SCALE 1" = 10'	DESIGNATION NO. 0101486									
SURVEY BOOK	SHEETS									
CONTRACT R-30247	32 of 32 PROJECT NO. NH 219-2 (034)									