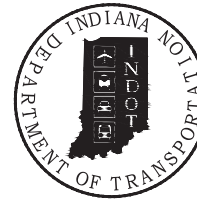


PROJECT	DESIGNATION
2002063	2002063
CONTRACT	BRIDGE FILE
B-43235	068-87-10763

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
068-87-10763	PRECAST REINFORCED CONCRETE THREE-SIDED STRUCTURE	1 SPAN: 32'-0" RISE: 12'-0" SKEW: 30° Rt.	MILL CREEK	19+42.00 Line "G"

INDIANA DEPARTMENT OF TRANSPORTATION



BRIDGE PLANS

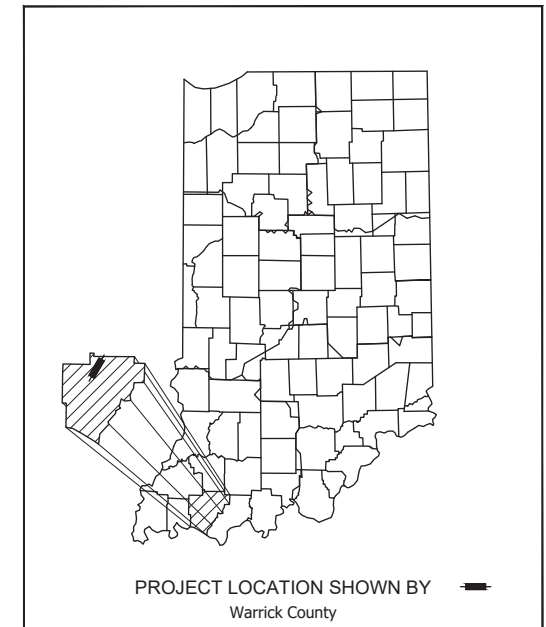
FOR SPANS OVER 20 FEET

ROUTE: SR 68 AT: RP 36 + 54

PROJECT NO. 2002063 P.E.
2002063 R/W
2002063 CONST.

TRAFFIC DATA	
A.A.D.T. (2024)	2,411 V.P.D.
A.A.D.T. (2044)	2,419 V.P.D.
D.H.V.	259 V.P.H.
DIRECTIONAL DISTRIBUTION	52.08 % WBL, 47.92 % EBL
TRUCKS	5.93 % A.A.D.T. 9.69 % D.H.V.

DESIGN DATA	
DESIGN SPEED	50 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	STATE COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



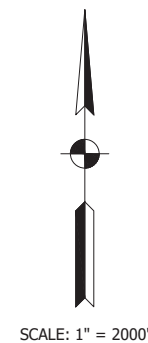
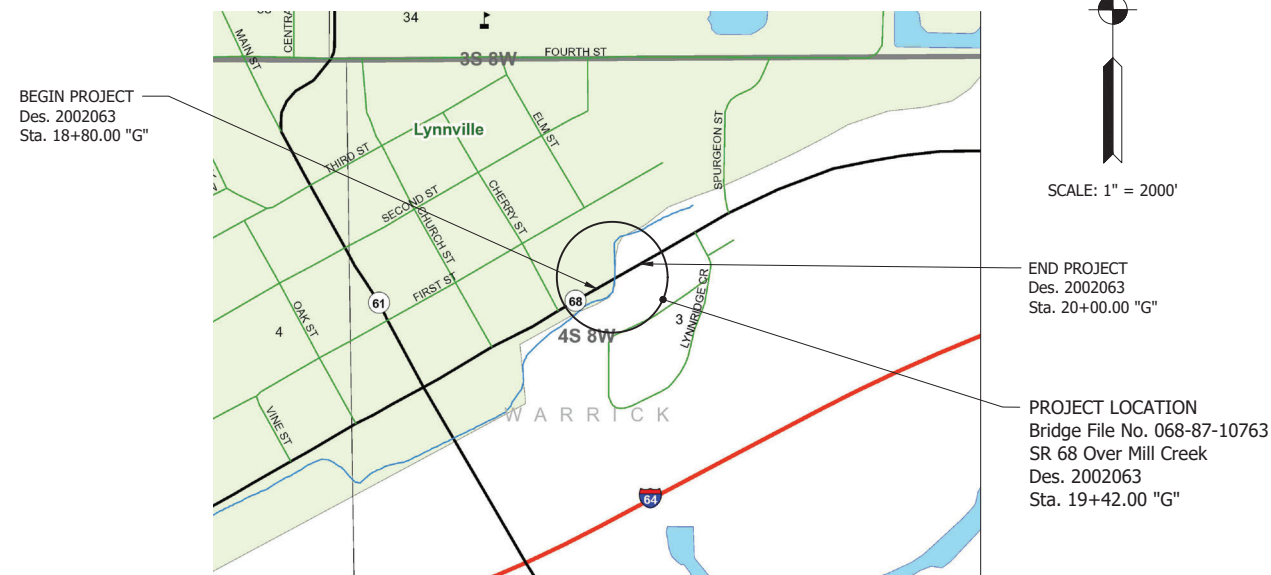
LATITUDE: 38°11'53.3" N LONGITUDE: 87°17'33.6" W

BRIDGE LENGTH:	0.000 MILE
ROADWAY LENGTH:	0.023 MILE
TOTAL LENGTH:	0.023 MILE
MAX. GRADE:	0.74 %

HUC: 0514020201

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS.

Bridge Replacement on State Road 68 over Mill Creek
Located 0.26 miles East of State Road 61
Section 03, T-4-S, R-8-W, Warrick County, Indiana



PRELIMINARY FIELD
CHECK PLANS,
1/11/2023

LOCATION MAP

PRINT DATE: 1/9/23 PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 5:38 PM EDITED BY: BDIRSCHOLZ DRAWING FILE: F:\2021\204629 S.R. 68 OVER MILL CREEK\30 SHEET\DRAWINGS\00 BRANWINGS\204629 TITLE AND INDEX.DWG



4275 North High School Road
Indianapolis, IN 46254
P: (317) 293-3542
vsei@vsengineering.com
www.vsengineering.com



PLANS PREPARED BY:	VS ENGINEERING, INC.	TEL: (317) 293-3542
CERTIFIED BY:		PHONE NUMBER
APPROVED FOR LETTING:		DATE
	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE	
068-87-10763	
DESIGNATION	
2002063	
SURVEY BOOK	SHEET
ELECTRONIC	1 of 17
CONTRACT	PROJECT
B-43235	2002063

UTILITIES		
UTILITY	OWNER	ADDRESS
ELECTRIC	CenterPoint Energy	1 N. Main Street Evansville, IN 47711 O: (812) 768-6899 M: (812) 385-9155 Heather Gravino Heather.gravino@centerpointenergy.com
COMMUNICATIONS	Frontier	1095 S Saint Charles St. Jasper, IN 47446 O: (812) 639-3183 Todd Payne todd.payne@ftr.com
COMMUNICATIONS	Smithville Telephone (Bartholomew County)	
COMMUNICATIONS	Mainstream Fiber Networks, LLC	
GAS	CenterPoint Energy	1 N. Main Street Evansville, IN 47711 O: (812) 491-5923 Shelby Williams Shelby.williams@centerpointenergy.com
SEWER / WATER	Town of Lynnville	
SEWER / WATER	Patoka Lake Reg. Water & Sewer Distruct (Dubois)	

GENERAL NOTES	
**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
**	This set of Plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information are shown, they are based on physical evidence or testimony.
**	These plans show the location of the utilities as existing in the field by the respective utility companies; therefore, the firm of VS Engineering, Corporation does not accept any responsibility for the accuracy of this information.
**	In accordance with Indiana Code 8-1, Chapter 26, the Contractor shall notify the Indiana Underground Plant Protection Service at 1-800-382-5544 at least two (2) full working days prior to any excavation or demolition.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX	
SHEET NO.	SUBJECT
1	BRIDGE TITLE
2	INDEX
3	PLAT NO.1
4	TYPICAL SECTIONS
5-6	MAINTENANCE OF TRAFFIC DETOUR PLAN
7	PLAN AND PROFILE - LINE 'G'
8	LAYOUT
9	CHANNEL CHANGE LAYOUT
10	GENERAL PLAN
11-17	CROSS SECTIONS - LINE 'G'

HOLEY MOLEY SAYS

"DIG SAFELY"



"IT'S THE LAW"

CALL 2 WORKING DAYS BEFORE YOU DIG

1-800-382-5544

CALL TOLL FREE

PER INDIANA STATE LAW IC8-1-26.
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

REVISIONS

REV #	SHEET NO.	DATE	DESCRIPTION OF REVISION

PRINT DATE: 1/9/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 - 5:38 PM
 EDITED BY: BDURCHOLZ
 DRAWING FILE: F:\2022\204629 S.R. 68 OVER HILL CREEK\30 SHEET\DRAWINGS\00 DRAWINGS\204629 TITLE AND INDEX.DWG

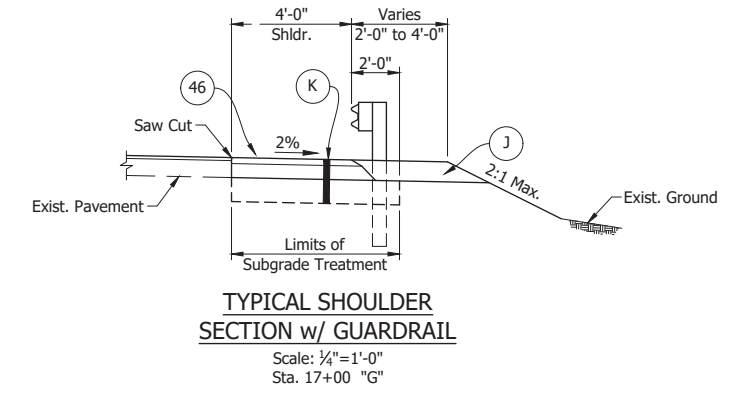
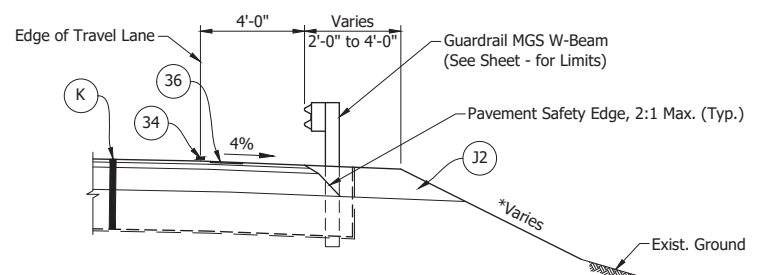
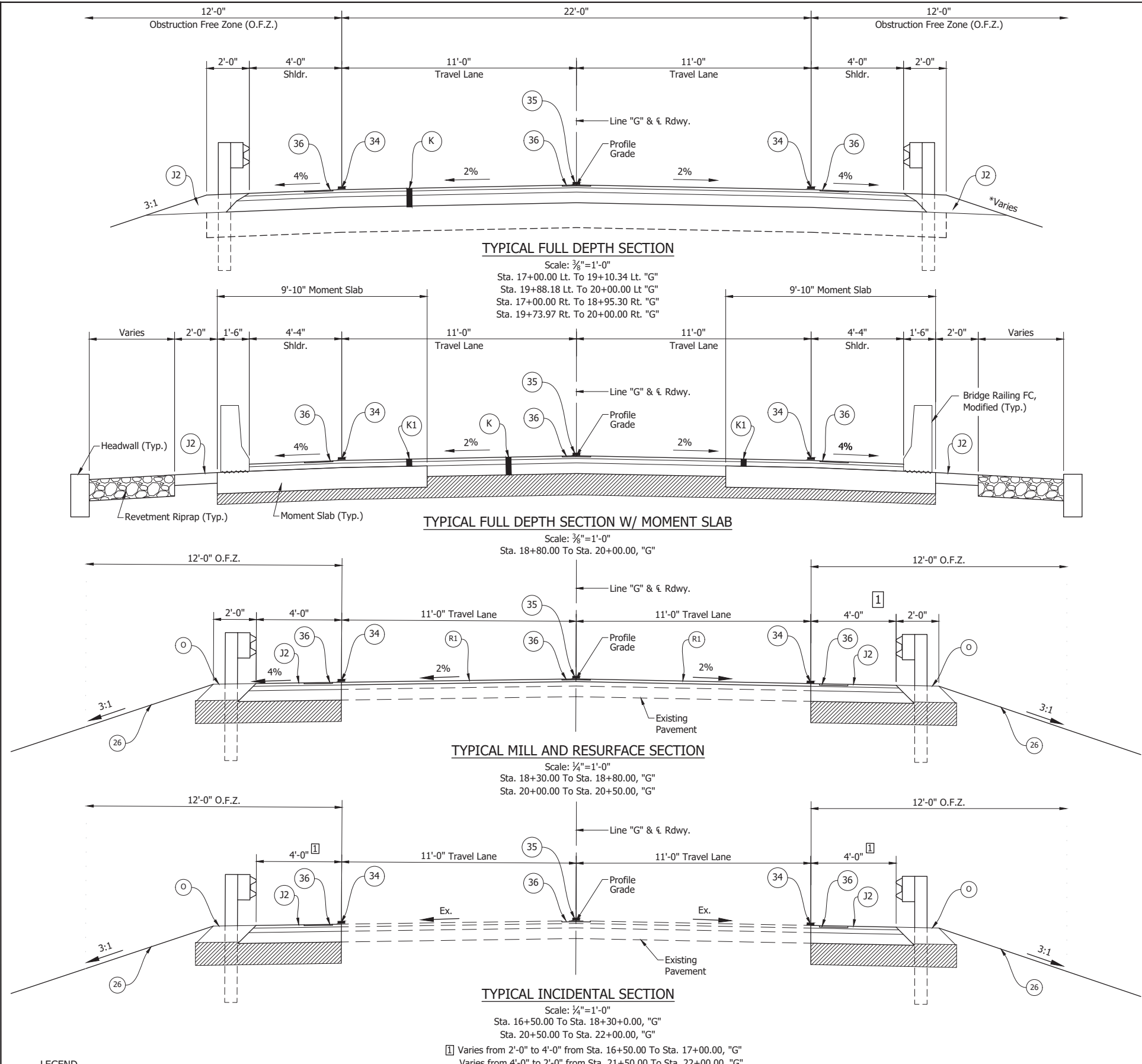
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JIH _____	DRAWN: JRT _____	
CHECKED: DJK _____	CHECKED: JIH _____	

INDIANA DEPARTMENT OF TRANSPORTATION	
INDEX	

HORIZONTAL SCALE	BRIDGE FILE
N/A	068-87-10763
VERTICAL SCALE	DESIGNATION
N/A	2002063
SURVEY BOOK	SHEET
ELECTRONIC	2 of 17
CONTRACT	PROJECT
B-43235	2002063

Preliminary Design Plans

PRINT DATE: 1/19/23
 LOT SCALE: 1:1
 EDIT DATE: 7/12/21 - 5:31 PM
 EDITED BY: BOURCHOLZ
 DRAWING FILE: F:\2023\2304629 S.F. 68 OVER MILL CREEK\30 SHEET\DRAWINGS\00 DRAWINGS\2204629 TYPICAL SECTION.DWG



- NOTES**
- For Type OS End Treatment, see INDOT Standard Drawing E 601-GRET-06.
 - After Milling The Existing Asphalt Pavement Surface, Any Cracks That Remain Visible With 0.25 Inch Width or Greater Shall Be Sealed Before Applying Tack Coat to the Milled Surface. The materials used to fill cracks shall be PG 64-22 only; no emulsion should be used. The sealed cracks should not be overbonded.
 - See Sheets 11 Through 17 For Additional Cross Section Details.
 - Provide milled HMA corrugations (rumble strips) for centerline and edge of shoulder in accordance with INDOT Standard Drawings E 606-SHCC.

LEGEND

(K) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm on 660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on Subgrade Treatment, Type IC on Geotextile for Pavement, Type 2B	(J) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on Widening with HMA, Type B consisting of: 275 lbs/syd HMA Intermediate, Type B on 660 lbs/syd HMA Base, Type B on Subgrade Treatment, Type IC on Geotextile for Pavement, Type 2B.	(34) 6 in. Solid White Paint Line (- LR)
(K1) 165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm on 1'-0" Reinforced Concrete Moment Slab Subgrade Treatment, Type 1C on Geotextile for Pavement, Type 2B	(J2) Variable Depth Compacted Aggregate, No. 53 (10" Max)	(35) 6 in. Broken Yellow Paint Line (- LR)
		(36) Shoulder Corrugations, HMA (1'-4" x 7") Continuous Installation for Centerline Intermittent Installation for Shoulders (80' Corrugations w/20' Gap)
		(R1) Transition Milling, Asphalt, 1.5" 165#/Syd. QC/QA-HMA, 3, 70, Surface, 9.5mm

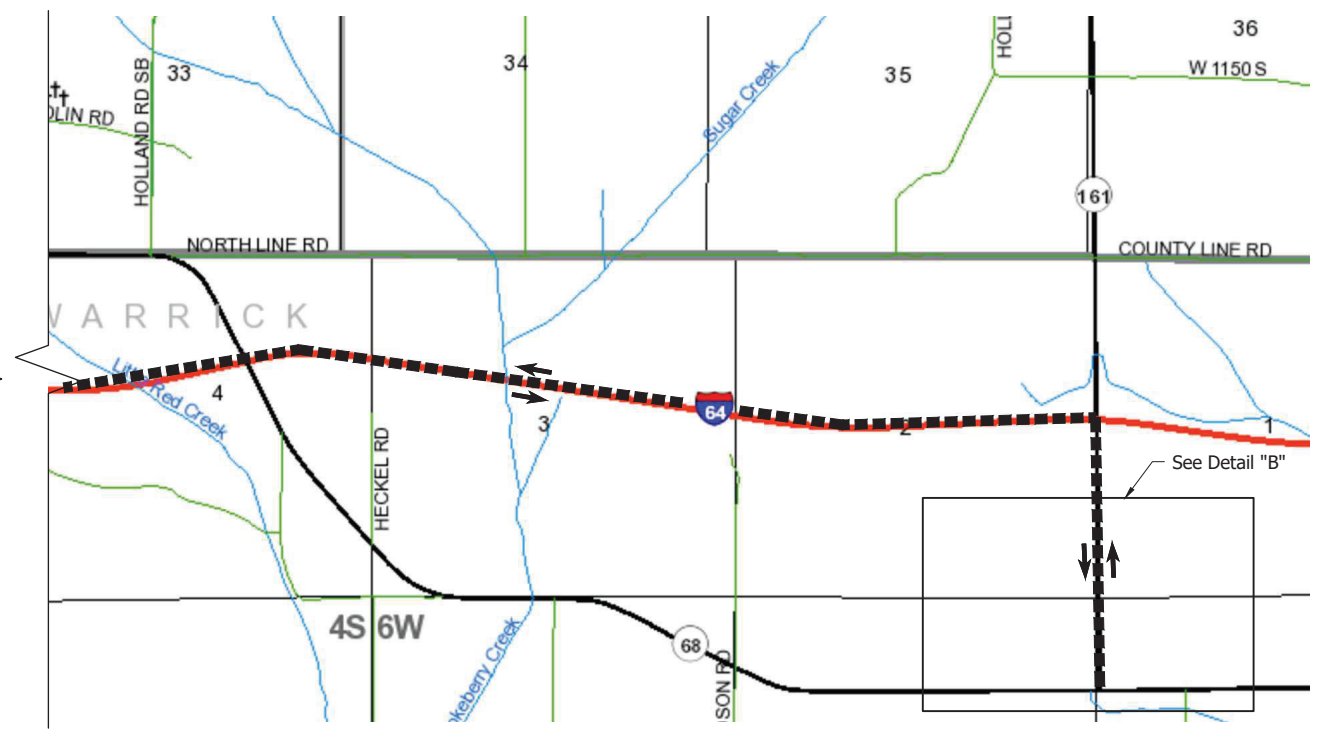
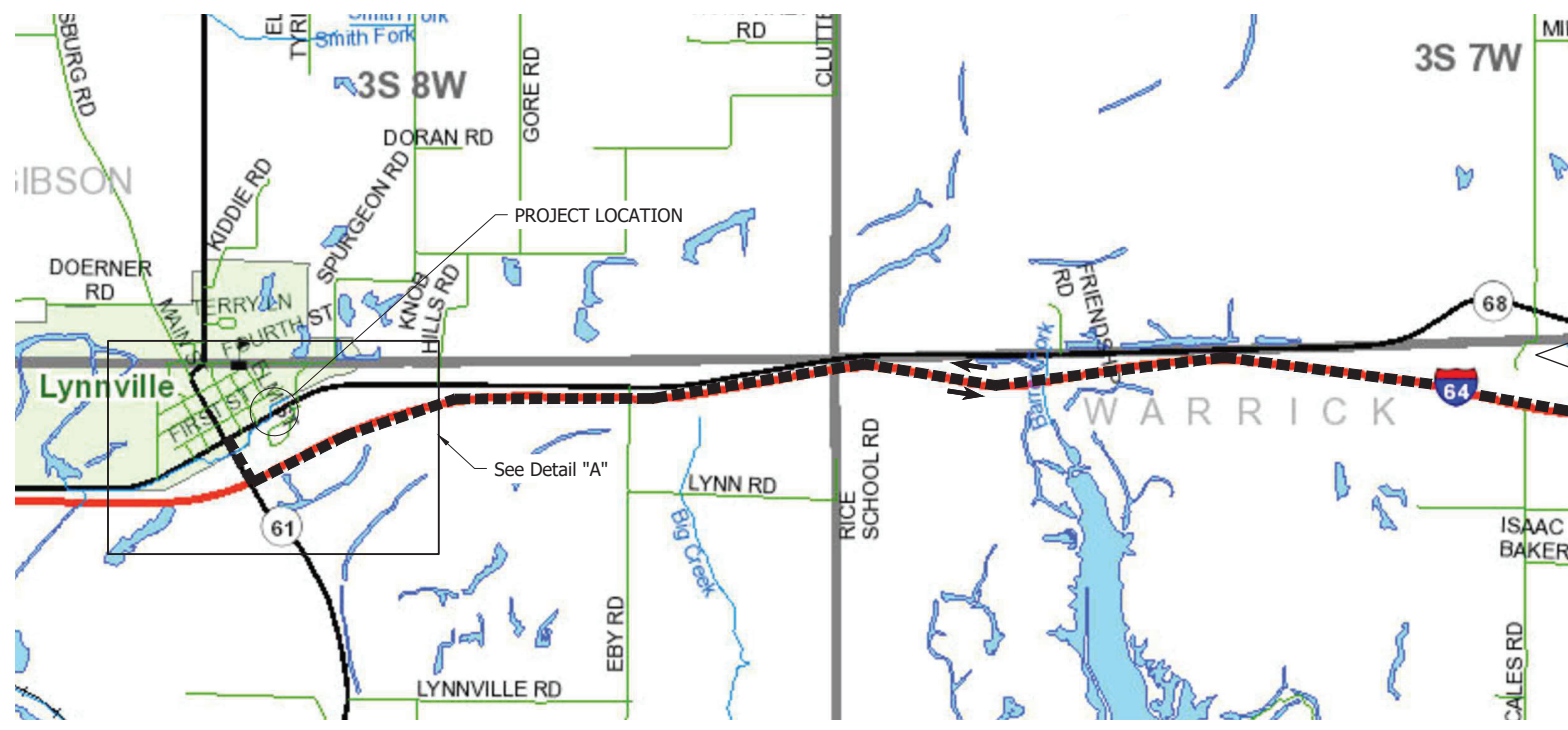


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JIH	DRAWN: JRT	
CHECKED: DJK	CHECKED: JIH	

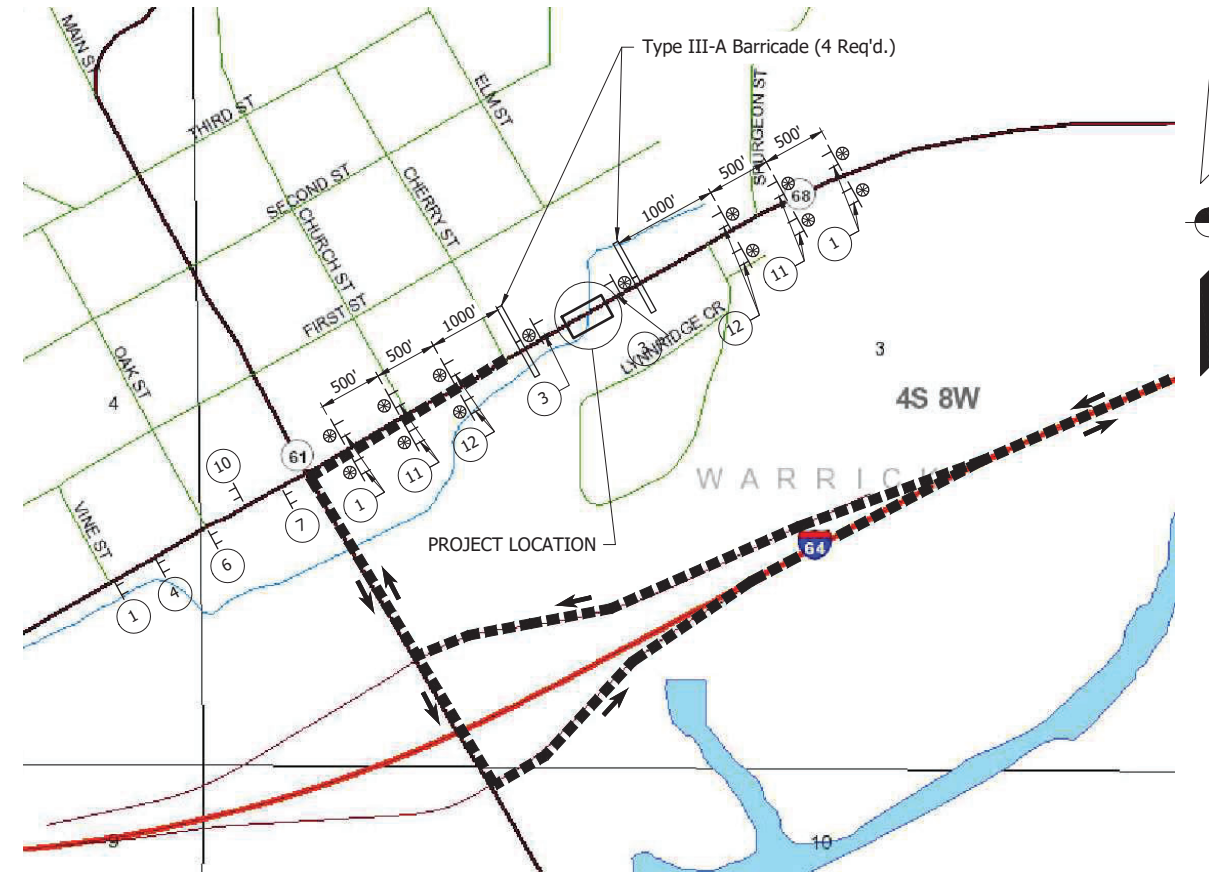
INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	068-87-10763
	DESIGNATION
	2002063
SURVEY BOOK	SHEET
ELECTRONIC	4 of 17
CONTRACT	PROJECT
B-43235	2002063

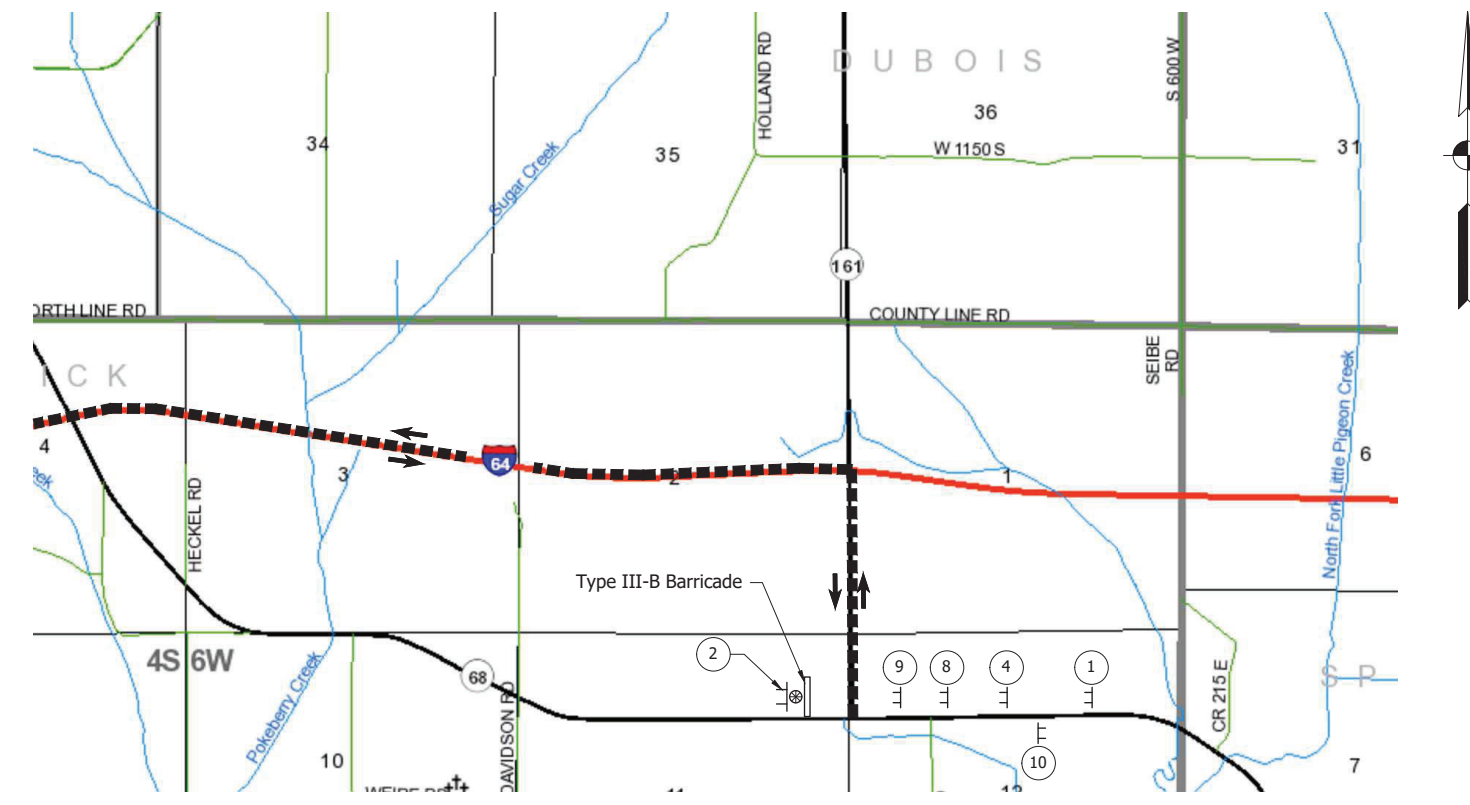
Preliminary Design Plans



DETOUR PLAN
Not To Scale



DETAIL "A"
Not To Scale



DETAIL "B"
Not To Scale

- NOTES**
1. Driveway Access To Remain Open At All Times.
 2. Refer to INDOT Standard Drawings E 801-TCDT, E 801-TCSN, E 801-TCLG For Further Details of Traffic Control Signs.

PRINT DATE: 1/9/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 11:15 AM
 EDITED BY: JTHURMAN
 DRAWING FILE: F:\2022\204629 S.R. 68 OVER MILL CREEK\30 SHEET\DRAWINGS\00 DRAWINGS\204629.MOT.DWG

LEGEND

	CONSTRUCTION SIGN W/TYPE "A" LIGHT		DIRECTION OF DETOUR
	CONSTRUCTION SIGN		
	BARRICADE TYPE III-A OR TYPE III-B AS NOTED		
	DETOUR ROUTE		

DRAFT
 NOT FOR
 CONSTRUCTION

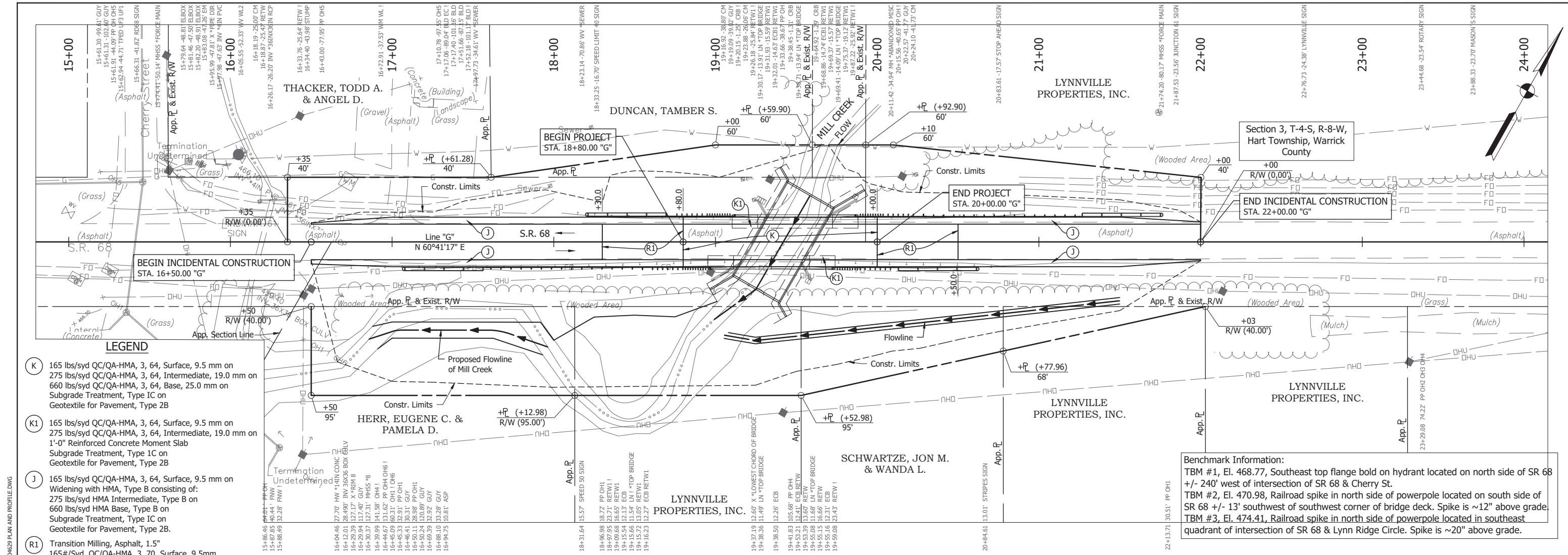
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JIH _____	DRAWN: JRT _____	
CHECKED: DJK _____	CHECKED: JIH _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

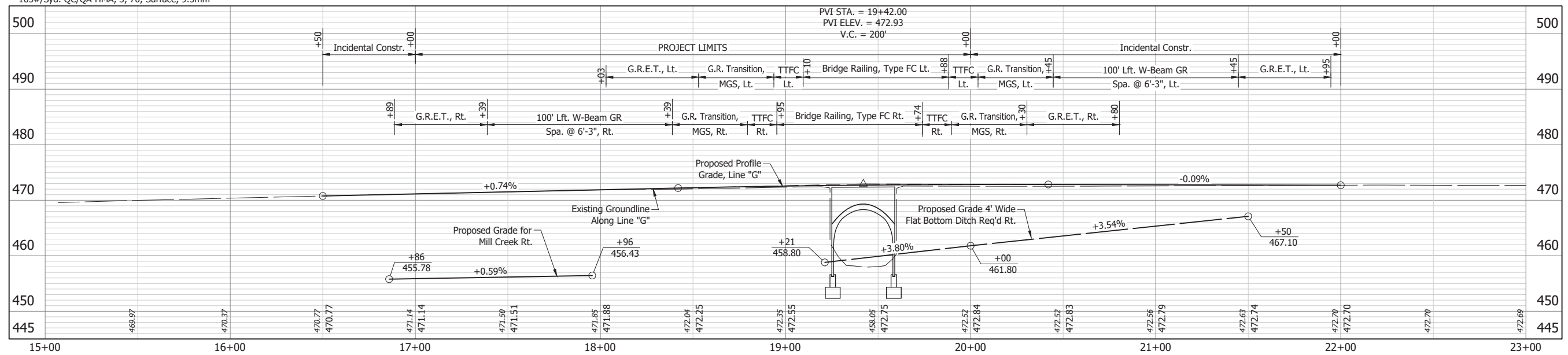
MAINTENANCE OF TRAFFIC
DETOUR PLAN

SCALE AS NOTED	BRIDGE FILE 068-87-10763
	DESIGNATION 2002063
	SHEET 5 of 17
CONTRACT B-43235	PROJECT 2002063

Preliminary Design Plans



Benchmark Information:
 TBM #1, El. 468.77, Southeast top flange bold on hydrant located on north side of SR 68 +/- 240' west of intersection of SR 68 & Cherry St.
 TBM #2, El. 470.98, Railroad spike in north side of powerpole located on south side of SR 68 +/- 13' southwest of southwest corner of bridge deck. Spike is ~12" above grade.
 TBM #3, El. 474.41, Railroad spike in north side of powerpole located in southeast quadrant of intersection of SR 68 & Lynn Ridge Circle. Spike is ~20" above grade.



PRINT DATE: 1/9/23
 DRAWING FILE: F:\2022\2024629 S.R. 68 OVER MILL CREEK\30 SHEETDRAWINGS\00 DRAWINGS\204629 PLAN AND PROFILE.DWG
 EDITED BY: BEURCHOHLZ
 PLOT SCALE: 1:1
 EDIT DATE: 10/10/22 - 5:48 PM

<p>A) STOP SIGN B) STOP SIGN C) STOP SIGN</p>	<p>A) END OF GUARD RAIL B) CORNER OF BRIDGE C) CORNER OF BRIDGE</p>	<p>A) STOP SIGN B) SR 68 & SPURGEON RD. SIGN C) END OF 15" CORRUGATED PLASTIC PIPE</p>
<p>P.O.T. STA. 6+21.80 "G" IRON PIPE SET NORTHING: 244,249.7769 EASTING: 788,372.6336</p>	<p>P.O.T. STA. 20+00.00 "G" IRON PIPE SET NORTHING: 244,924.4942 EASTING: 789,574.3790</p>	<p>P.C. STA. 27+42.60 "G" IRON PIPE SET NORTHING: 245,288.0445 EASTING: 790,221.9019</p>

DRAFT NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE

DESIGNED: JIH DRAWN: JRT
 CHECKED: DJK CHECKED: JIH

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'-0"	068-87-10763
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2002063
	SHEET
	7 of 17
CONTRACT	PROJECT
B-43235	2002063

Preliminary Design Plans