PROJECT	DESIGNATION
1593230	1593230
	2003091
CONTRACT	R-39270

ASSET ID TABLE					
STATION	ASSET ID	DES. NUMBER			
391+35	CLV 003-033-112.35				
403+19	CV 003-033-112.57				
510+96	CLV 46722				

These Plans Prepared By:

5925 Lakeside Blvd.

Indianapolis, Indiana 46278

(317) 290-9549

## INDIANA DEPARTMENT OF TRANSPORTATION



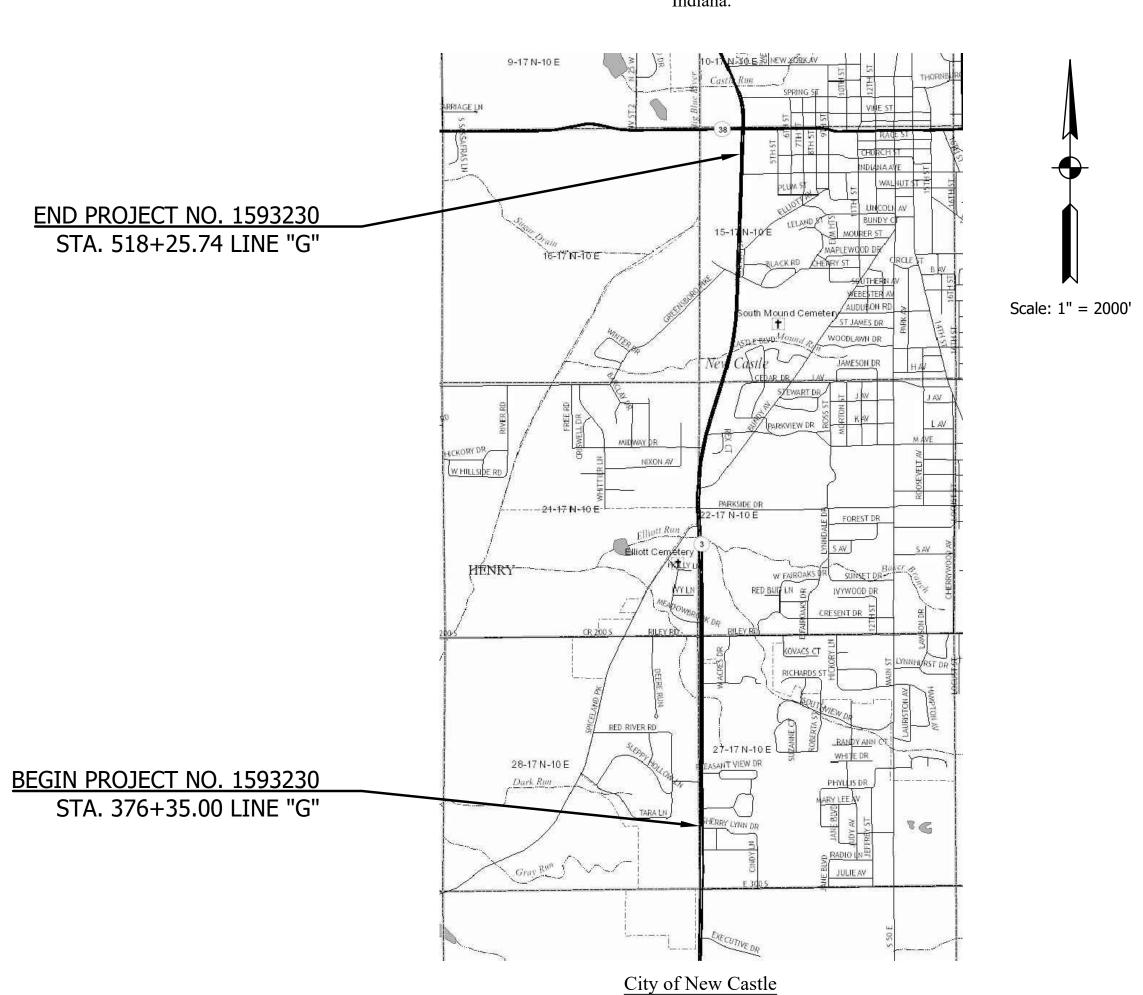
## ROAD PLANS

Roadway Rehabilitation

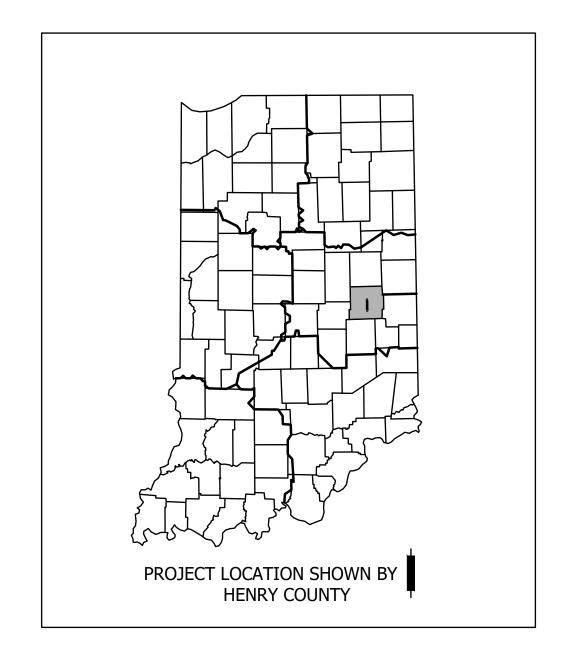
ROUTE: S.R. 3 FROM: RP 112.05 TO: RP 114.83

PROJECT NO. 1593230 PE 1593230 RW 1593230 CN

Roadway Rehabilitation on S.R. 3
Located 3.14 miles north of I-70
Sections of 15, 21, 22, 27 and 28, T-17-N, R-10-E, Henry Township, Henry County,



TRAFFIC DATA				
	S.R. 3			
A.A.D.T. (2023)	20,849 V.P.D.			
A.A.D.T. (2043)	21,960 V.P.D.			
D.H.V. (2043)	2,036 V.P.H.			
DIRECTIONAL DISTRIBUTION	52% NB - 48% SB			
TRUCKS	5% A.A.D.T.			
	5% D.H.V.			
	PESIGN DATA			
DESIGN SPEED	45 M.P.H.			
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)			
FUNCTIONAL CLASSIFICATION	ARTERIAL			
RURAL/URBAN	URBAN(INTERMEDIATE)			
TERRAIN	LEVEL			
ACCESS CONTROL	NONE			



LATITUDE: 39°55'29.5" N LONGITUDE: 85°22'54.8" W

GROSS LENGTH:	(14,191 FT.) 2.69 MI.
NET LENGTH:	(14,191 FT.) 2.69 MI.
MAX. GRADE:	5.8 %

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

PLANS PREPARED BY	: FIRST GROUP ENGINEERING, INC.	(317) 290-9549
		PHONE NUMBER
CERTIFIED BY:		
APPROVED		DATE
FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

	DES	SIGNATI	ON
	1593230		
	SHEETS		
	1 of 227		
CONTRACT	PROJECT		
R-39270	1593230		
	·	·	

### UTILITIES Fiber-Optic

Henry County REMC 201 N 6th Street New Castle, IN 47362 PH.: 765-529-1212 FAX:765-529-1667 Contact: Phil Moore pmoore@henrycountyremc.com

Duke Energy Indiana, Inc 1619 W Defenbaugh Kokomo, IN 46902 PH.: 317-736-2018 FAX:765-454-6581 Contact: Tim Umbaugh connie.maus@duke-energy.com

New Lisbon Telephone Company 6369 East Dublin Pike

PO Box 38 New Lisbon, IN 47366 PH.: 765-332-2413 844-785-8443 contact@nltc.net Hancock Rural Telephone Corporation,

DBA Ninestar Connect 2331 East 600 North Greenfield, IN 46140 PH.: 317-323-2085 FAX:317-326-0014 Contact: Mike McCarley mmccarley@ninestarconnect.net

Contact: Marty Frederick

Communications

Evansville, IN 47715

PH.: 812-759-2831

FAX:812-253-2815

mfrederick@vectren.com

Windstream Communications, Inc.

lisa.whitehouse@windstream.com

3701 Communications Way

Contact: Lisa Whitehouse

6369 East Dublin Pike

New Lisbon, IN 47366

PH.:765-332-2413

844-785-8443

contact@nltc.net

PO Box 38

CMN-Rus, Inc. (Formerly Cinergy Metronet, Inc.) 3701 Communications Way Vectren Energy (Gas) 1 N. Main Street Evansville, IN 47711 Evansville, IN 47715 PH.: 812-491-4765 FAX:812-491-4504

PH.: 812-456-1208 FAX:812-759-0811 Contact: Craig Cassidy ccassidy@cinergycom.com KEPS Technologies DBA ACD.NET 1800 N Grand River Avenue

Lansing, MI 48906-3905 PH.: 517-999-9999 517-999-3993 support@acd.net

New Castle, City of / Water AT&T Indiana 415 Broad Street 5858 N College Ave New Castle, IN 47362 Indianapolis, IN 46220 PH.: 765-521-6841 PH.: 317-252-4007 FAX:765-521-6845 FAX:317-252-4013 Contact: Richard Beach Contact: Michael Haynes supt.waterdept@cityofnewcastle.net mh2623@att.com

Cable TV New Lisbon Broadband and Communications Comcast (Indianpolis) 5330 E. 65th Street Indianapolis, IN 46220 PH.: 317-275-6355

FAX:317-275-6415 Contact: Bill Moore bill\_moore@cable.comcast.com

# Know what's below. Call before you dig.

REVISIONS						
SHEET NO.	SHEET NO. DATE REVISED					

## GENERAL NOTES All Earth shoulders, median areas, and cut and fill slopes shall be plain or mulched seeded except where sodding is specified. Where sumping of a structure is required, the contractor shall verify the existing flowline elevations to set the appropriate sump depth.

\*\* REPRESENTS GENERAL NOTES REQUIRED

#### EARTHWORK SUMMARY TABLE

LINE	CUT	(CYS)	FILL + 20% (CYS)	
LINE	COMMON	BENCHING	FILL	BENCHING
LINE "G" MAINLINE	68504		1748	
LINE "G" INCIDENTAL CONSTRUCTION FOR SIDEWALK AND CURB RAMPS	25		79	
LINE "G" APPROACHES	5876		0	
TOTALS	74405		18	27

GEOTECHNICAL RECOMMENDATIONS

PAVEMENT REMOVAL = 129158 SYS.

VOLUME OF PAVEMENT REMOVAL: (129158 SYS.)(9 IN.)(1 YD./36 IN.) = 32290 CYS.

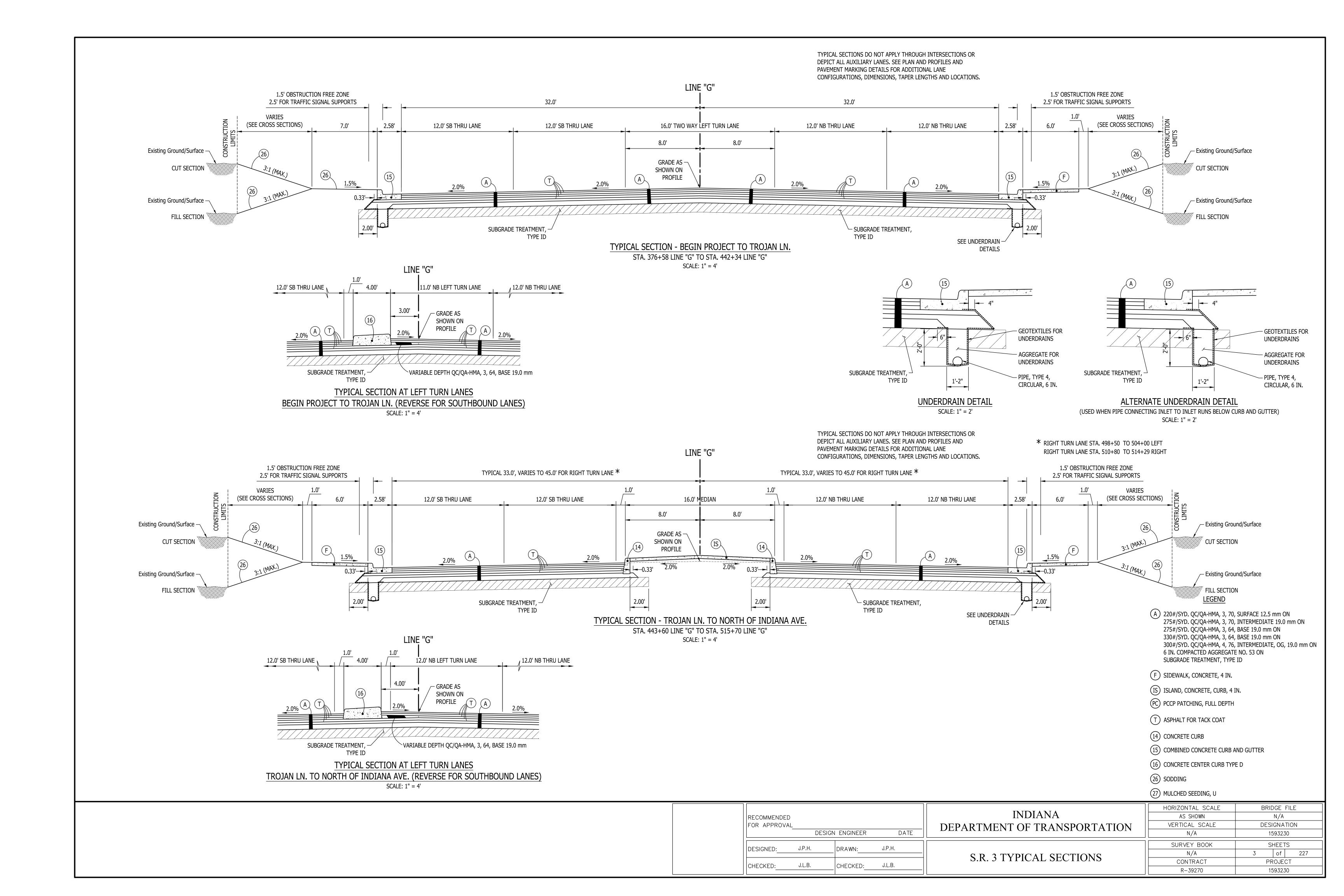
COMMON EXCAVATION = 74398 CYS. - (PAVEMENT REMOVAL) 32290 CYS. = 42115 CYS.

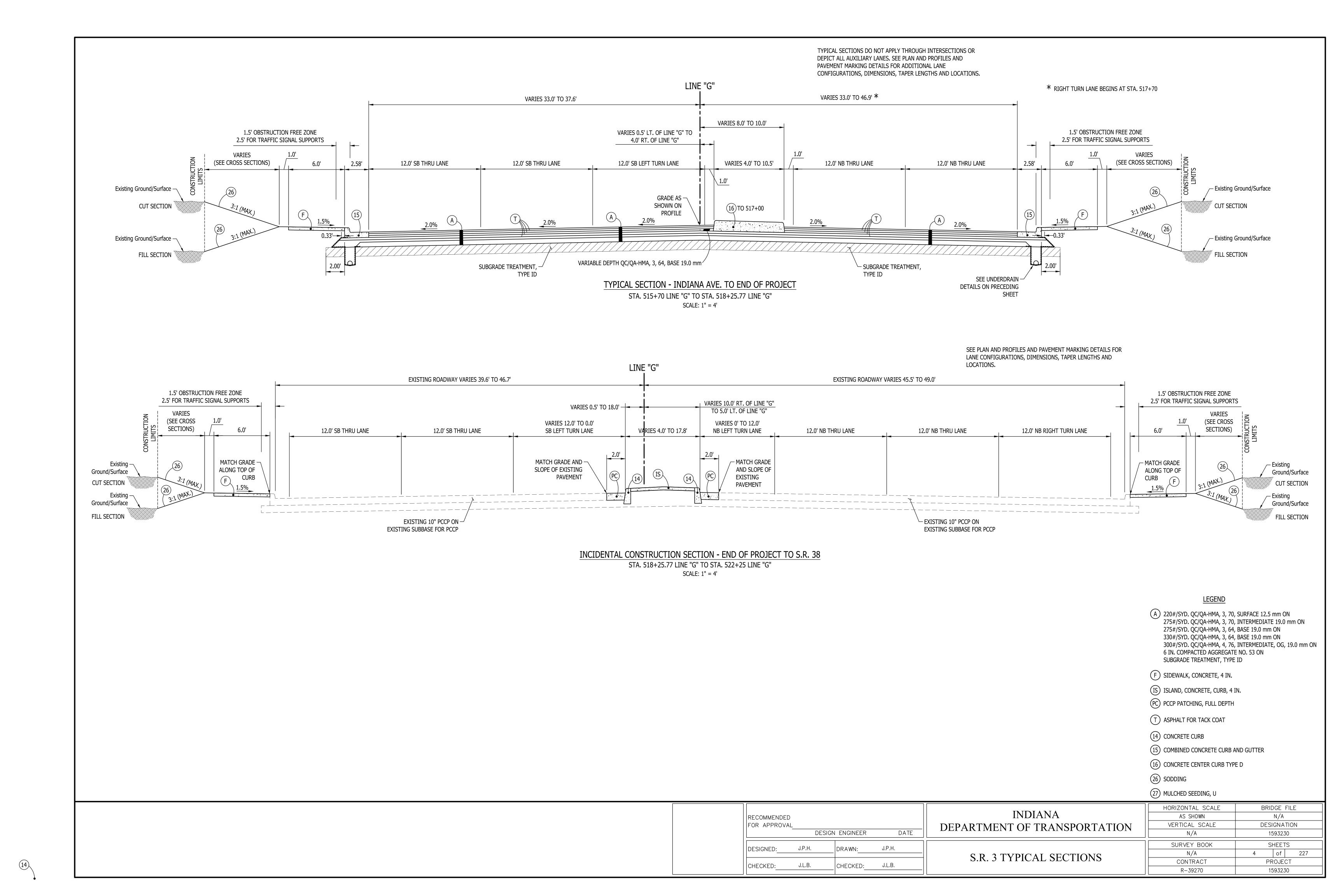
ASSUME NONE OF THE COMMON EXCAVATION IS SUITABLE AS BORROW

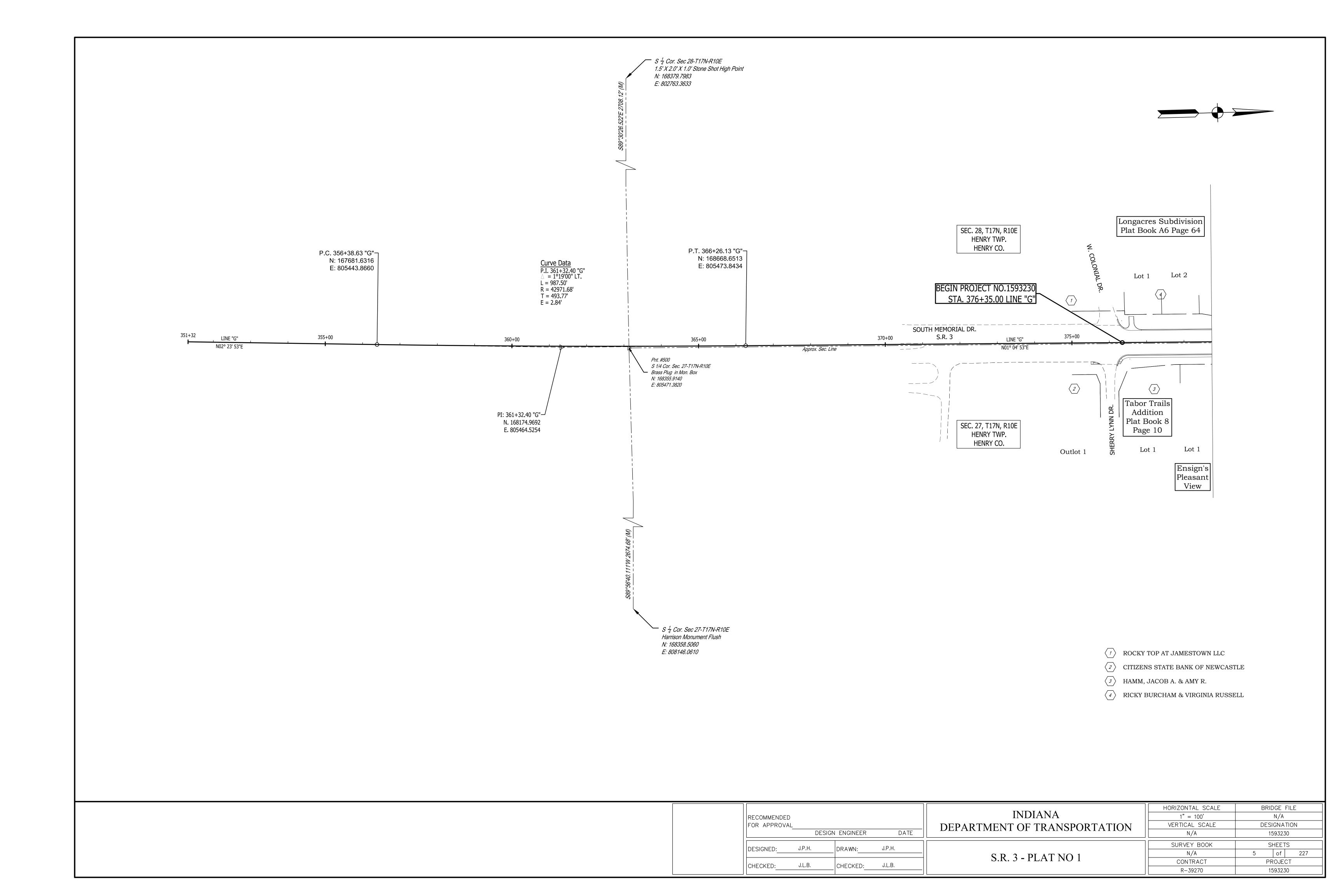
BORROW = 1827 CYS.

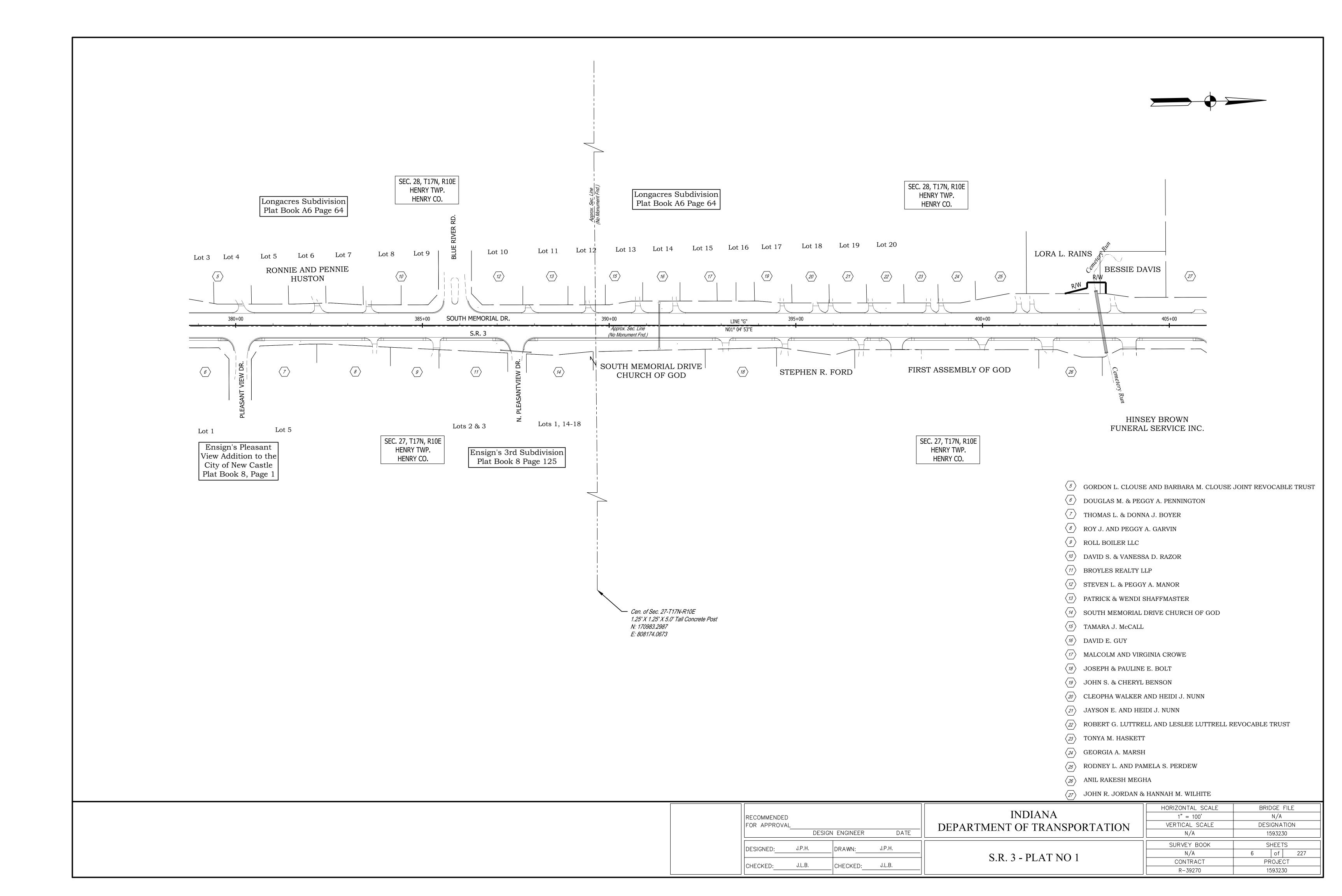
	INDEX
SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX AND INFORMATION SHEET
3-4	TYPICAL CROSS SECTIONS
5-11	PLAT NO. 1
12-66	MAINTENANCE OF TRAFFIC DETAILS
67-86	PLAN AND PROFILES
87	TRENCH DRAIN DETAILS
-	SPOT ELEVATION DETAILS AND RAMP QUANTITY SUMMARY TABLE
88-107	EROSION AND SEDIMENT CONTROL
108-123	PAVEMENT MARKING AND SIGNING
124-130	TRAFFIC SIGNAL DETAILS
131	SODDING, MONUMENT AND MAILBOX ASSEMBLY TABLES
132-136	SUMMARY OF QUANTITIES AND APPROACH TABLE
-	UNDERDRAIN TABLES
137-151	STRUCTURE DATA TABLE
-	PIPE MATERIALS TABLE
152-227	CROSS SECTIONS

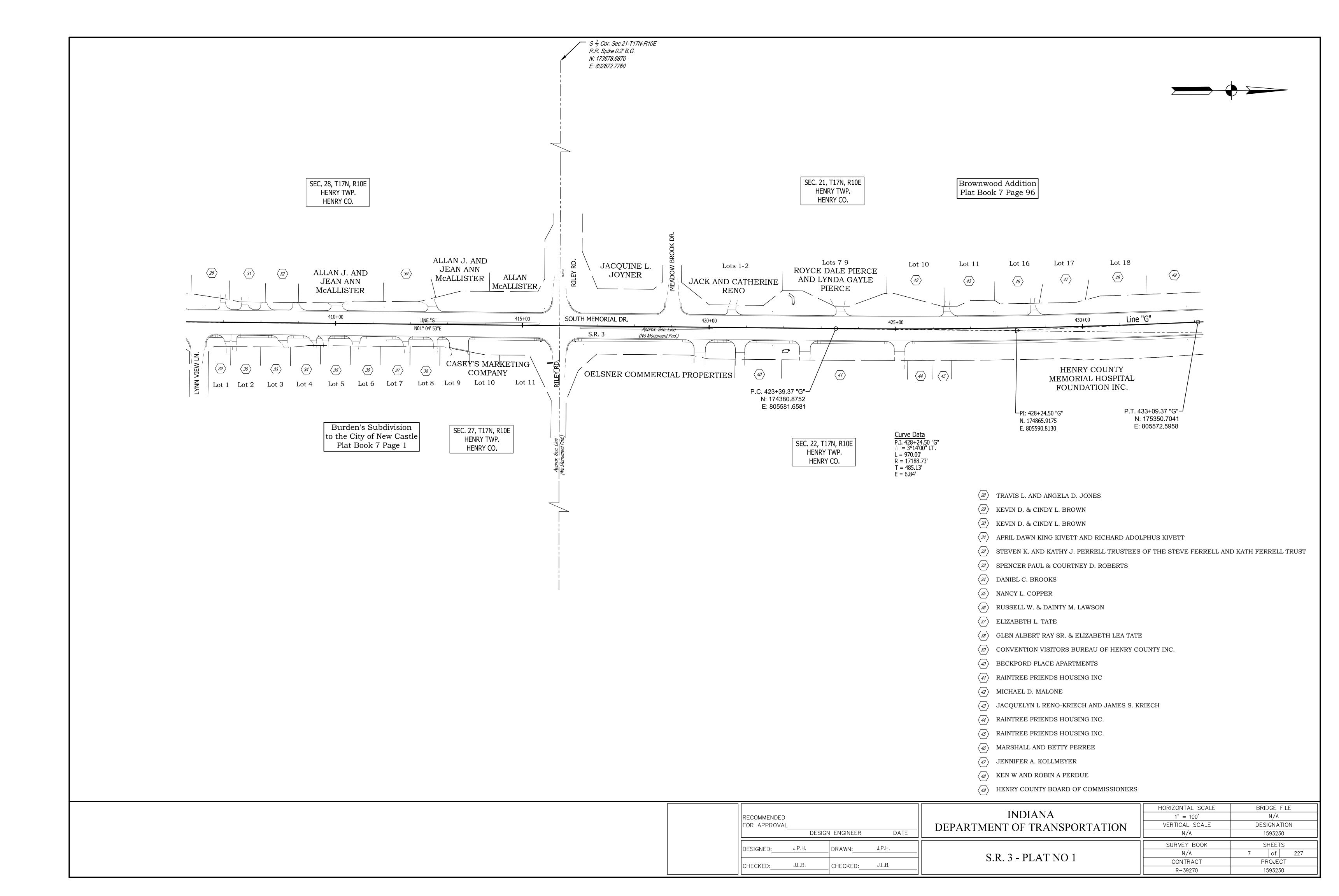
RECOMMENDED FOR APPROVAL	DESIGN ENGINEE	R DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE  N/A  VERTICAL SCALE  N/A	BRIDGE FILE  N/A  DESIGNATION  1593230
DESIGNED: J.	I.P.H. DRAWN:	A.S.M.	INDEX CHEET	SURVEY BOOK N/A	SHEETS 2 of 227
CHECKED:J	J.L.B. CHECKED	: J.P.H.	INDEX SHEET	CONTRACT	PROJECT

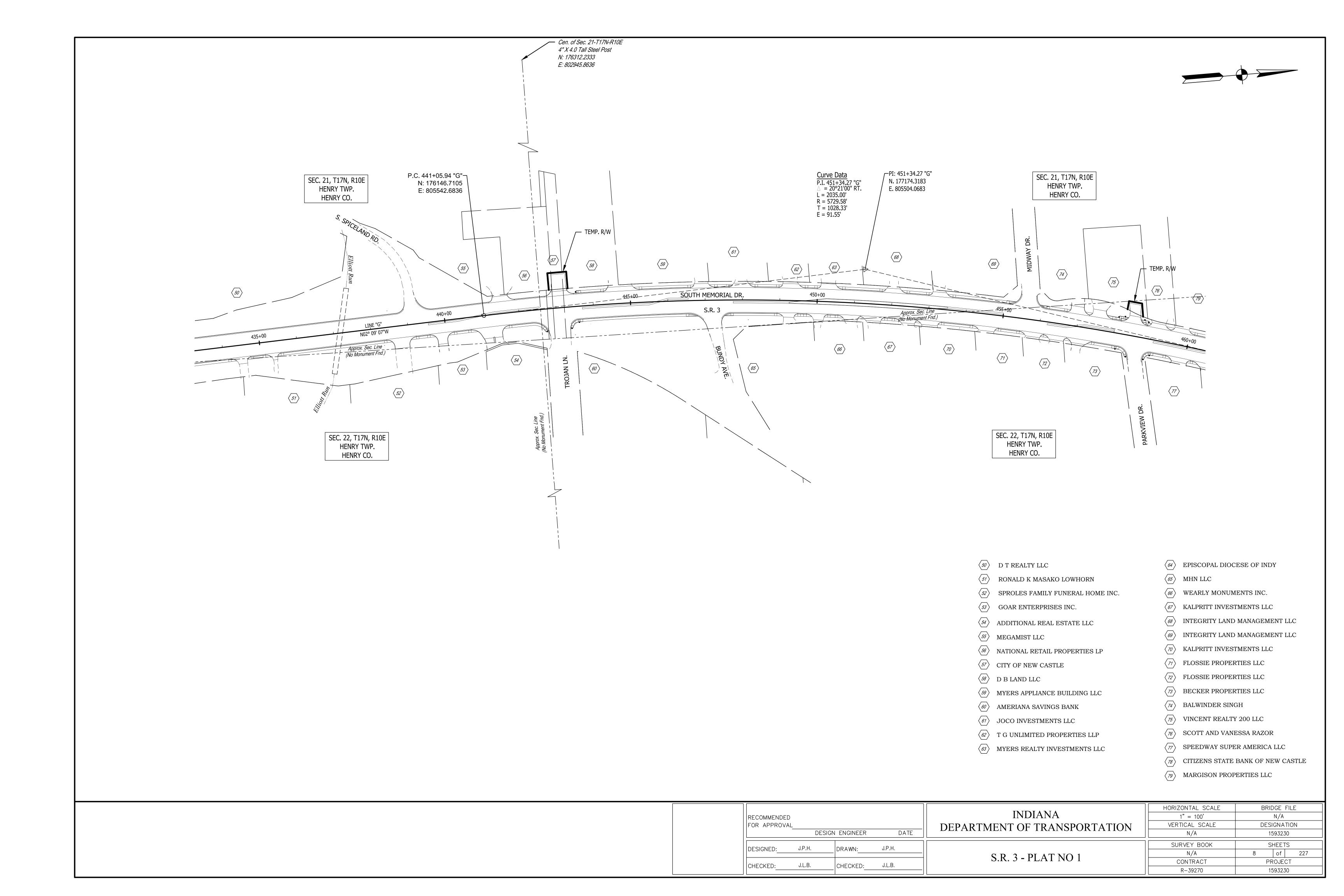


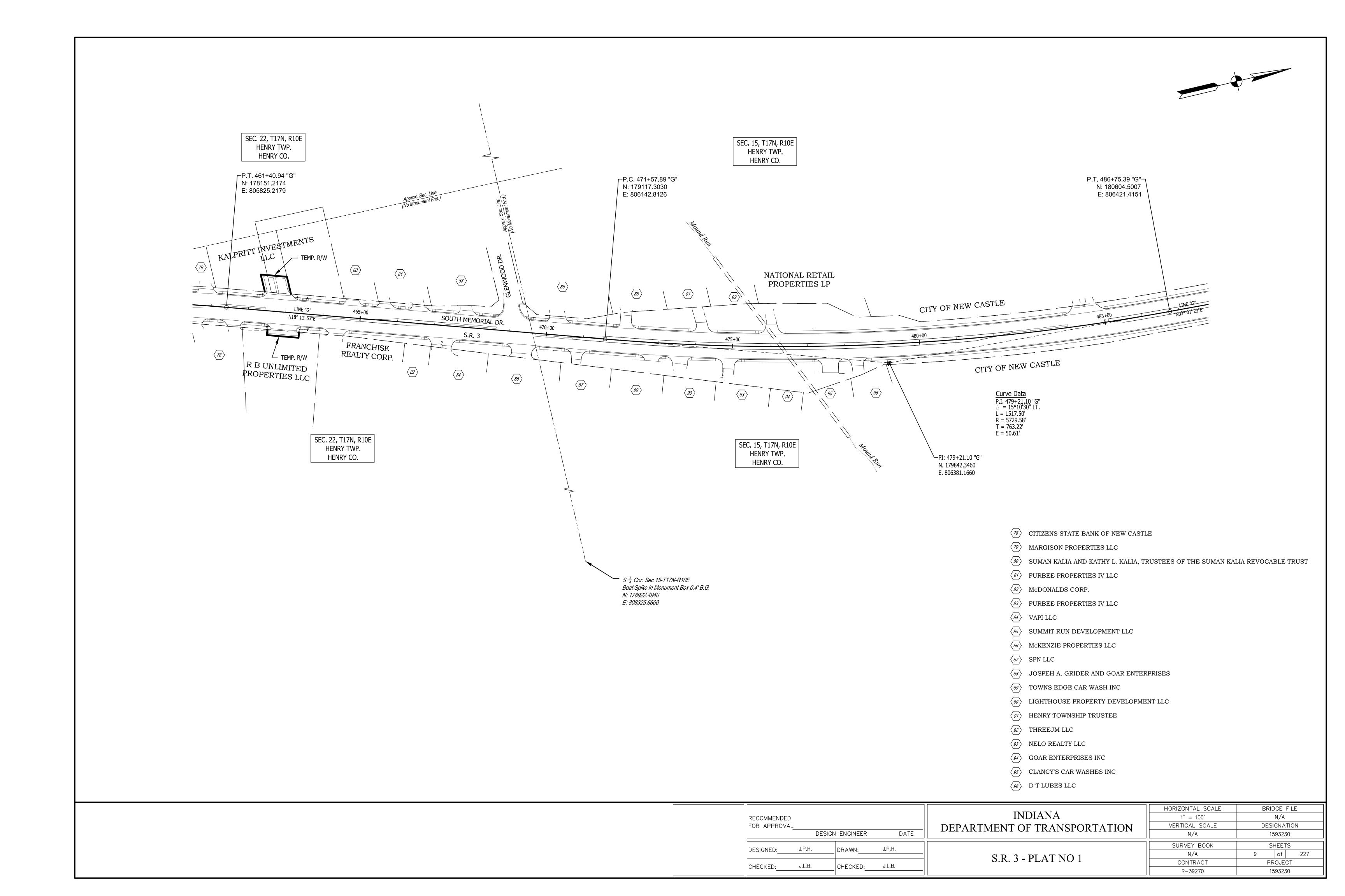


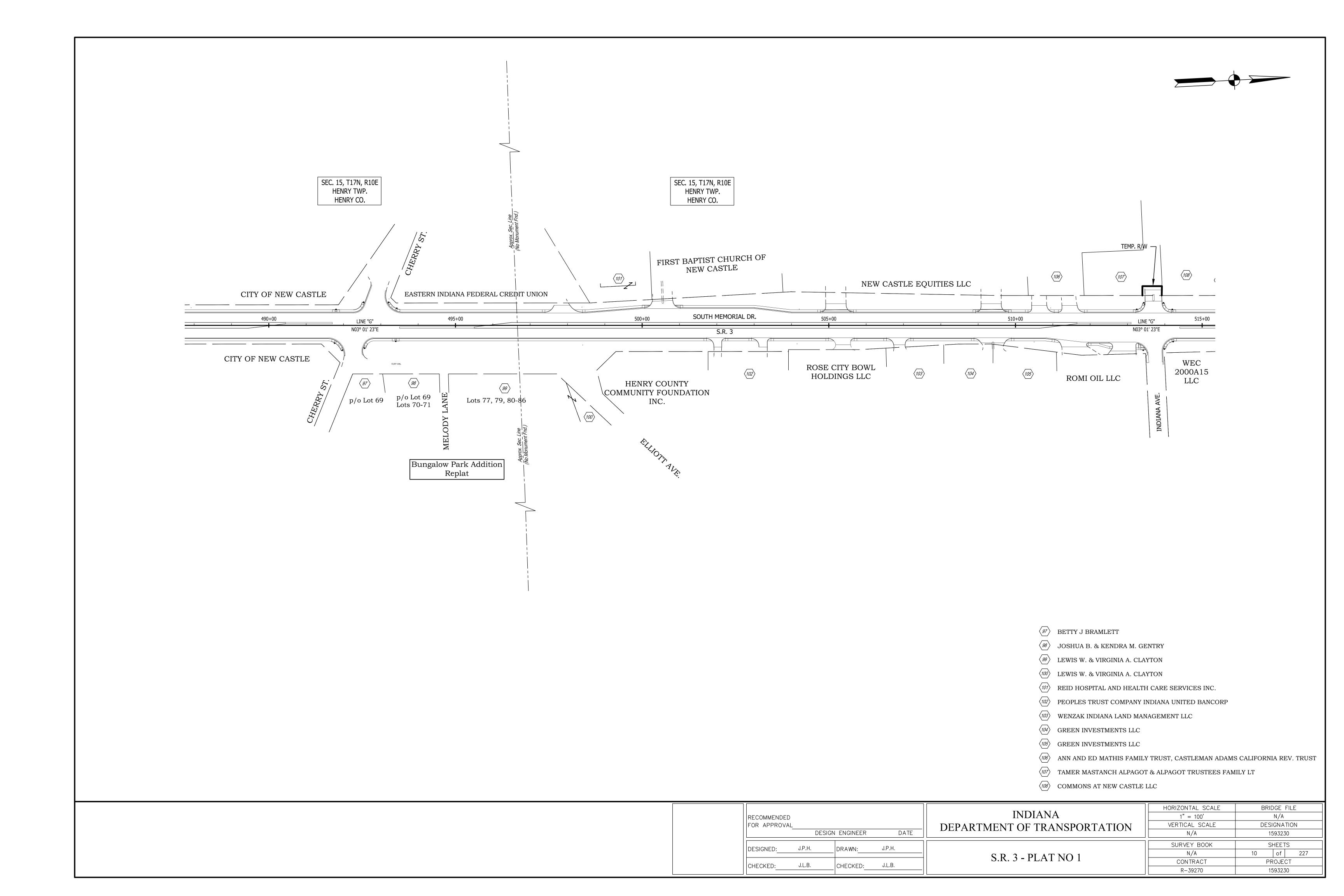


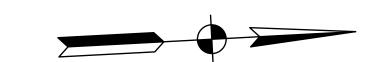


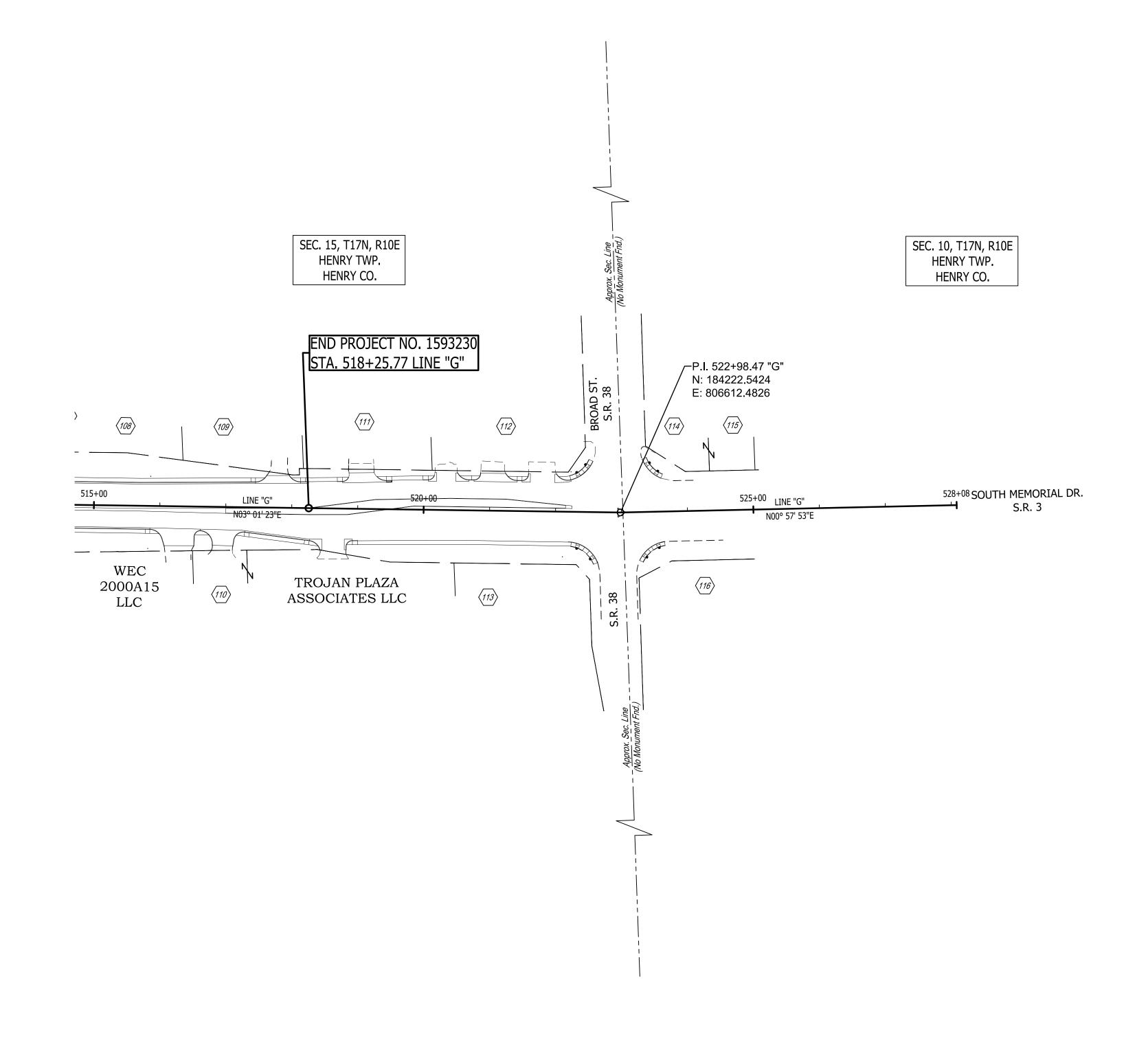








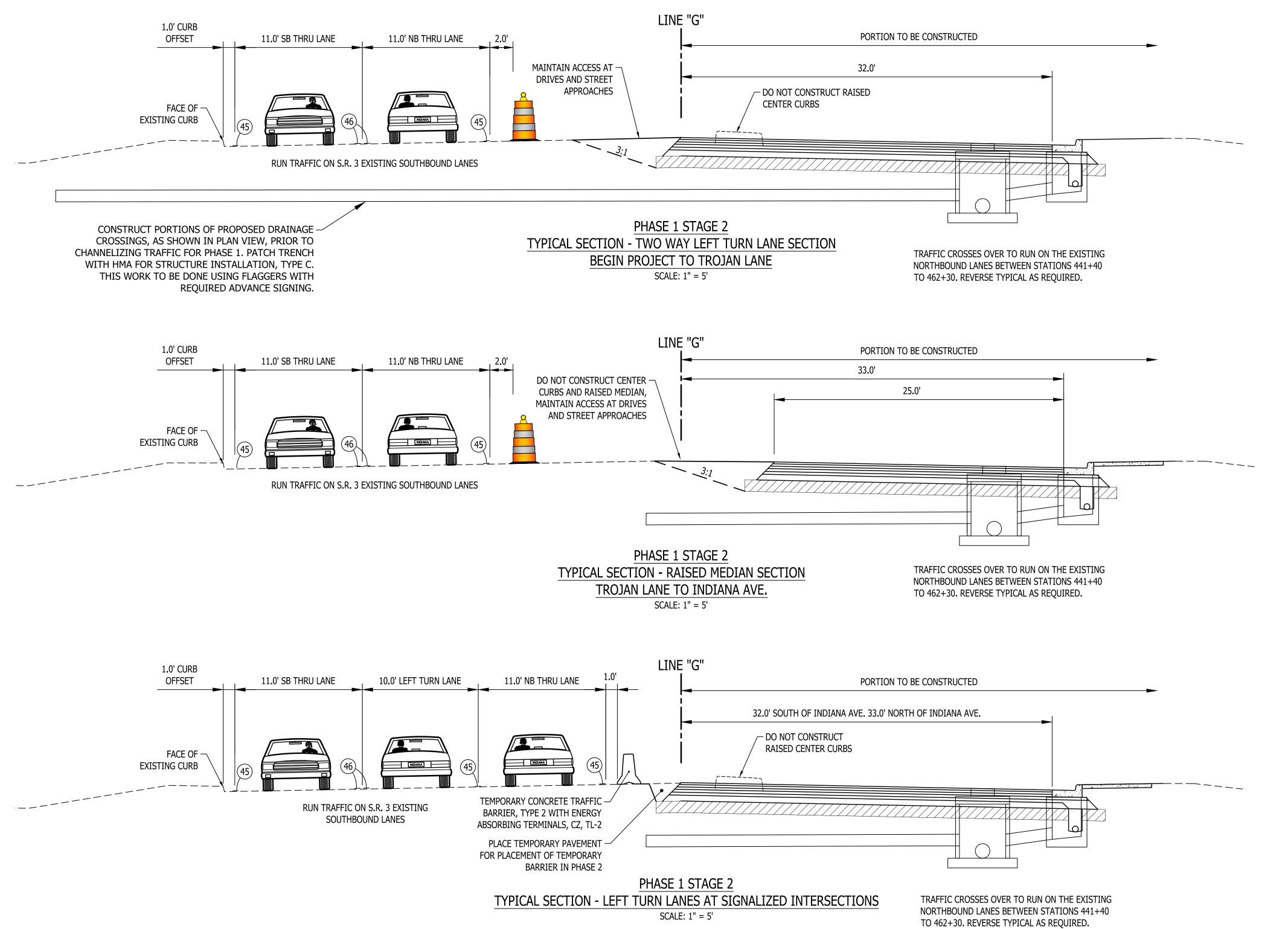




- (108) COMMONS AT NEW CASTLE LLC
- (109) MRF NEW CASTLE LLC
- (110) TROJAN PLAZA ASSOCIATES LLC
- (111) AEI NET LEASE PORTFOLIO II DST
- (112) HRH PROPERTY GROUP LLC
- (113) CITY OF NEW CASTLE
- (114) HRH PROPERTY GROUP LLC
- (115) HRH PROPERTY GROUP LLC
- (116) DOWNS REAL ESTATE ENTERPRISES LLC

RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE  1" = 100'  VERTICAL SCALE  N/A	BRIDGE FILE  N/A  DESIGNATION  1593230
DESIGNED: J.P.H. DRAWN: J.P.H.		SURVEY BOOK N/A	SHEETS 11 of 227
CHECKED: J.L.B. CHECKED: J.L.B.	S.R. 3 - PLAT NO 1	CONTRACT R-39270	PROJECT 1593230

## PHASE 1 CONSTRUCT DOWNSTREAM PORTION OF DRAINAGE STRUCTURES (TYPICAL SECTION NOT SHOWN) SEE PLAN VIEW DETAILS FOR TRAFFIC CHANNELIZATION AND AREA OF CONSTRUCTION



#### <u>LEGEND</u>

- (45) TEMPORARY PAVEMENT MARKING, SOLID, WHITE, 4"
- (46) TEMPORARY PAVEMENT MARKING, SOLID, YELLOW, 4"

#### M.O.T. GENERAL NOTES

DESIGN SPEED = 35 M.P.H.

CONSTRUCT THE REQUIRED PORTIONS OF PROPOSED DRAINAGE THAT CROSS ROADWAY PRIOR TO CHANNELIZING TRAFFIC FOR PHASE 1. THIS WORK TO BE DONE USING FLAGGERS WITH REQUIRED ADVANCE SIGNING.

EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.

ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
PROPERTIES WITH MULTIPLE, OR ALTERNATE ACCESS TO S.R. 3, MAY HAVE DRIVES ACCESSING S.R. 3 CLOSED DURING PART OF, OR THE FULL DURATION OF CONSTRUCTION PER APPROVAL OF THE PROPERTY OWNER.
WHENEVER POSSIBLE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.

FLAGGERS REQUIRED WHEN CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN CLOSE PROXIMITY TO, OR ACROSS LANES OF TRAFFIC. FOR USE OF FLAGGERS SEE INDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND MUTCD FOR COMPLIANCE.

1	RECOMMENDED FOR APPROVAL DESIGN	I ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE  AS SHOWN  VERTICAL SCALE  N/A	BRIDGE FILE  N/A  DESIGNATION  1593230
	DESIGNED: J.P.H. DRAW	DRAWN:	J.P.H.	MOT DILACE 1 TVDICALC	SURVEY BOOK N/A	SHEETS 12 of 227
	CHECKED: J.L.B.	CHECKED:	J.L.B.	MOT PHASE 1 TYPICALS	CONTRACT R-39270	PROJECT 1593230

