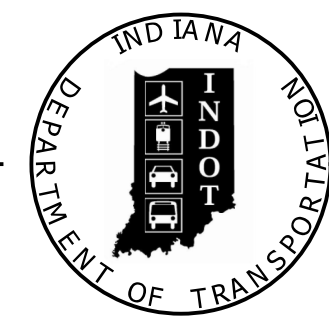


PROJECT	DESIGNATION
1600789	1600789
CONTRACT	BRIDGE FILE
R-40507	N/A

CULVERT ASSETS		
DES. NO.	CULVERT ASSET ID	WORK TYPE
1600789	CV 103-033-10.09	PIPE LINING

INDIANA DEPARTMENT OF TRANSPORTATION



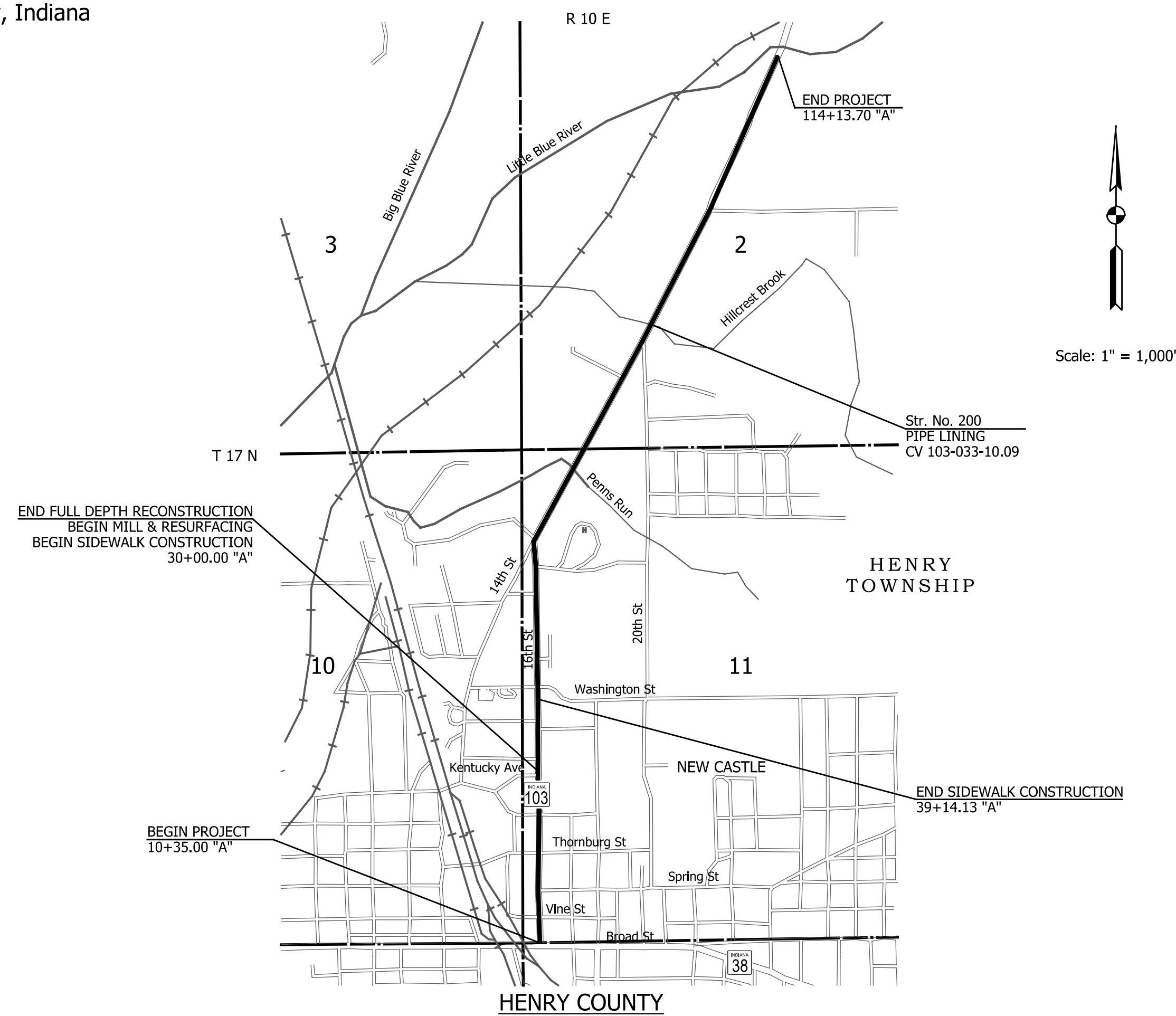
RIGHT OF WAY PLANS

HMA Overlay, Preventative Maintenance

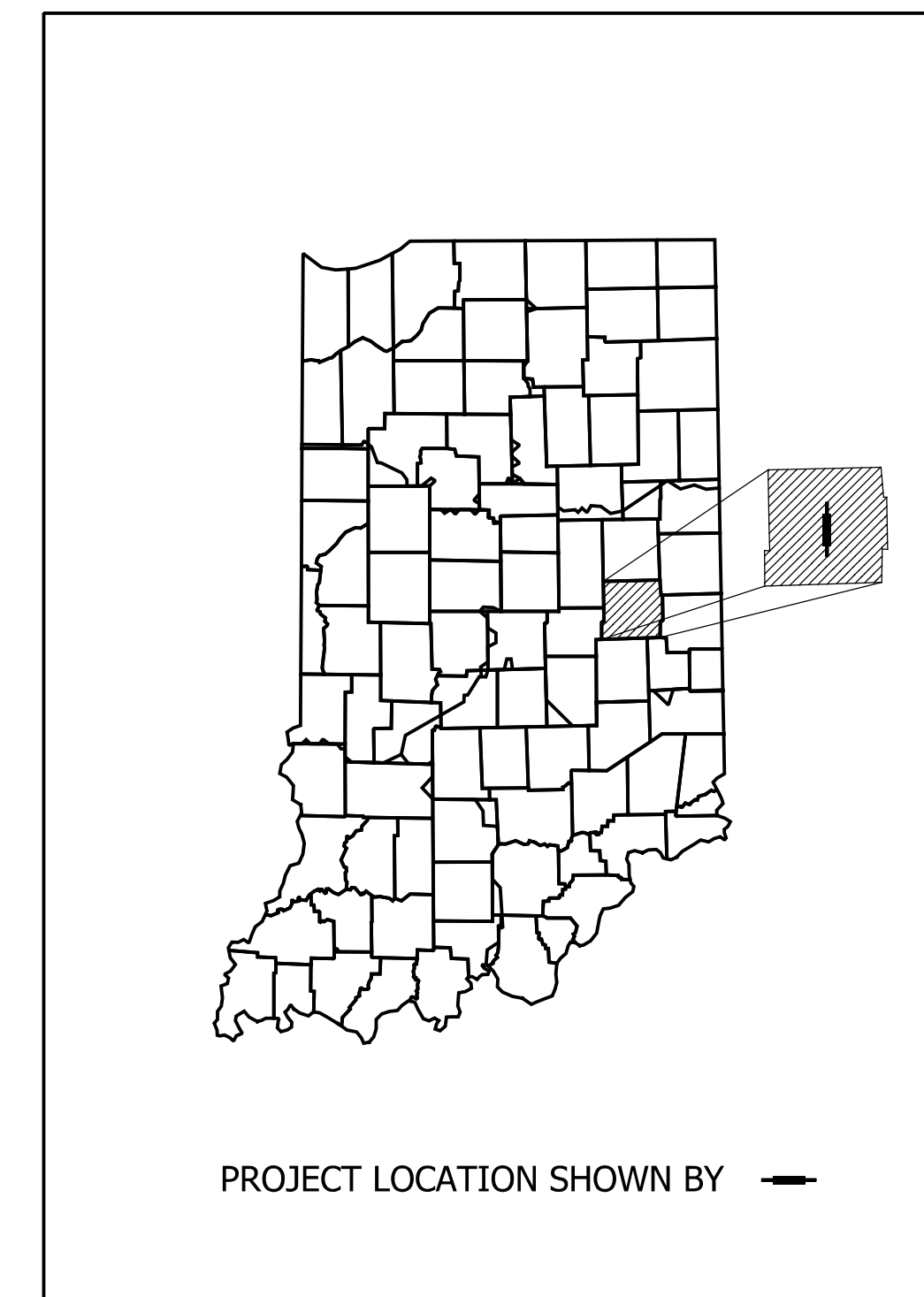
ROUTE: SR 103 FROM: RP 8+74 TO: RP 10+73

PROJECT NO. 1600789 P.E.
1600789 R/W
1600789 CONST.

Project Description: Road Reconstruction along S.R. 103, Beginning Approximately 35 Feet North of the Intersection of S.R. 103 and S.R. 38; Thence, Northerly to approximately 0.37 Miles North of the Intersection of S.R. 103 and S.R. 38; Thence Patch and Pavement Rehabilitation for Preventative Maintenance of S.R. 103 from 0.37 Miles North of the Intersection of S.R. 103 and S.R. 38 Northerly to Approximately 2.09 Miles North of S.R. 38, in Sections 2, 11, & 14 of Township 17 North, Range 10 East, Henry Township, Henry County, Indiana



TRAFFIC DATA		SR 103
A.A.D.T. (2020)		2,718 V.P.D.
A.A.D.T. (2040) PROJ.		3,262 V.P.D.
D.H.V (2040) PROJ.		310 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %
TRUCKS		3% A.A.D.T. % D.H.V.
DESIGN DATA		
DESIGN SPEED		30 M.P.H.
PROJECT DESIGN CRITERIA		3R (NON-FREEWAY) RECON./ PARTIAL 3R
FUNCTIONAL CLASSIFICATION		MINOR ARTERIAL / MAJOR COLLECTOR
RURAL/URBAN		URBAN / RURAL
TERRAIN		LEVEL
ACCESS CONTROL		NONE



LATITUDE: 39° 55' 52" N LONGITUDE: 85° 21' 51" W

Gross Length: 1.96 MI.
Net Length: 1.96 MI.
Maximum Grade: 4.99 %

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS.



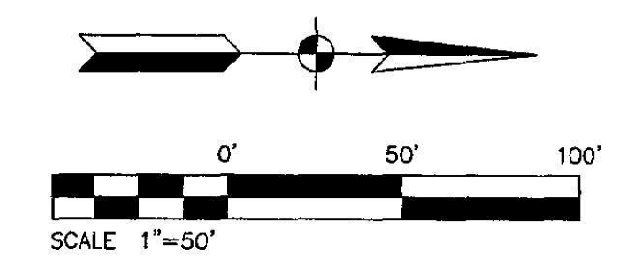
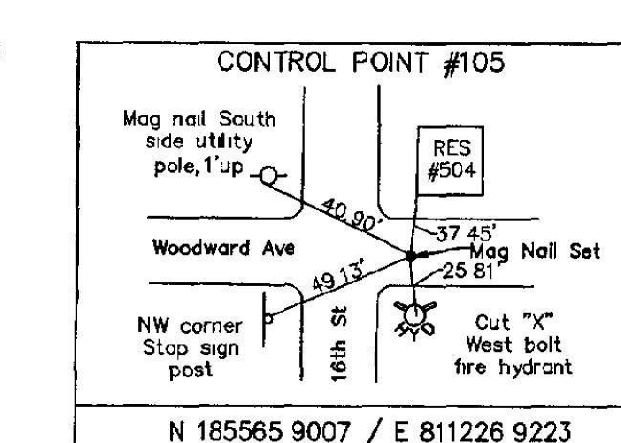
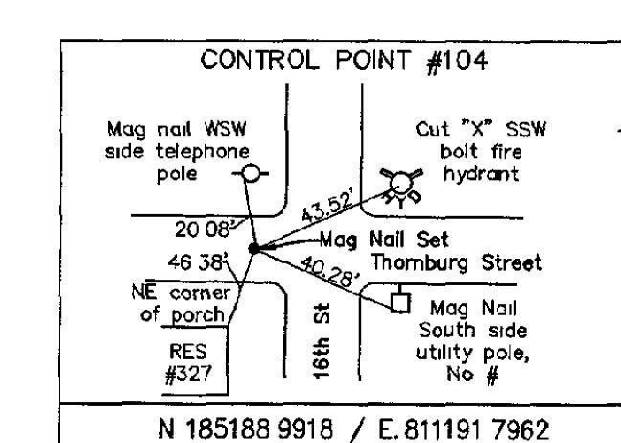
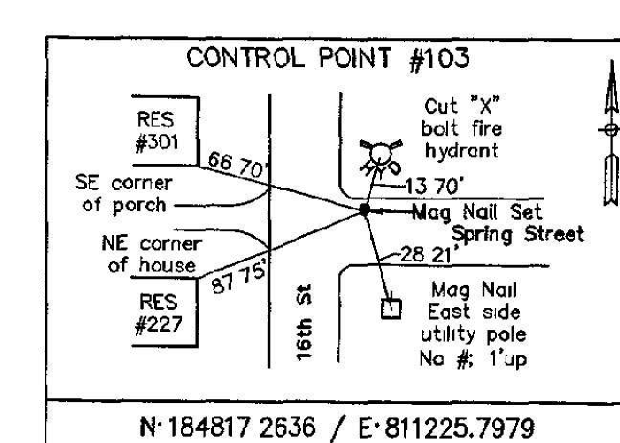
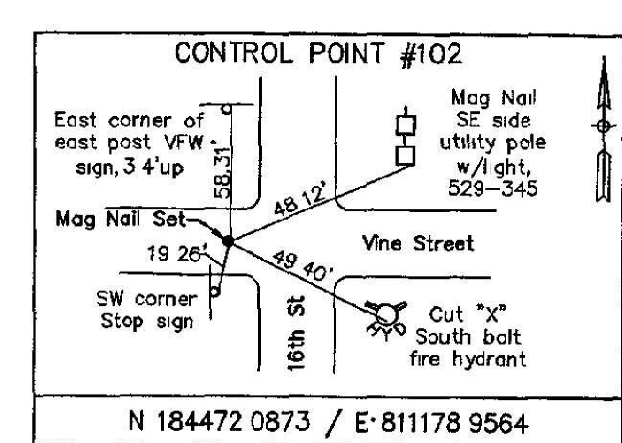
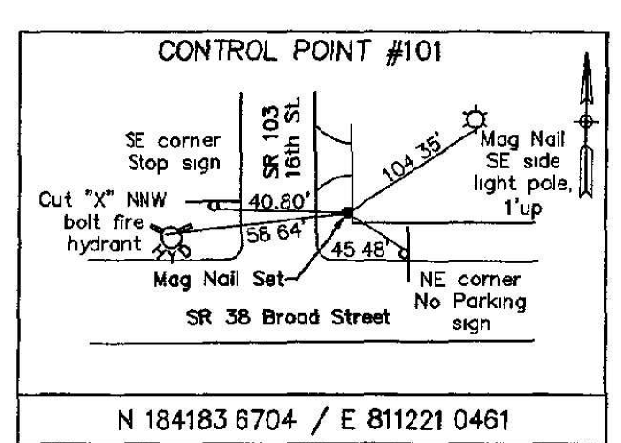
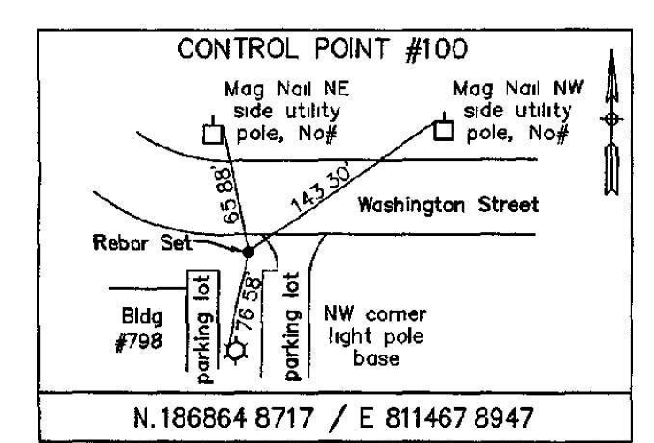
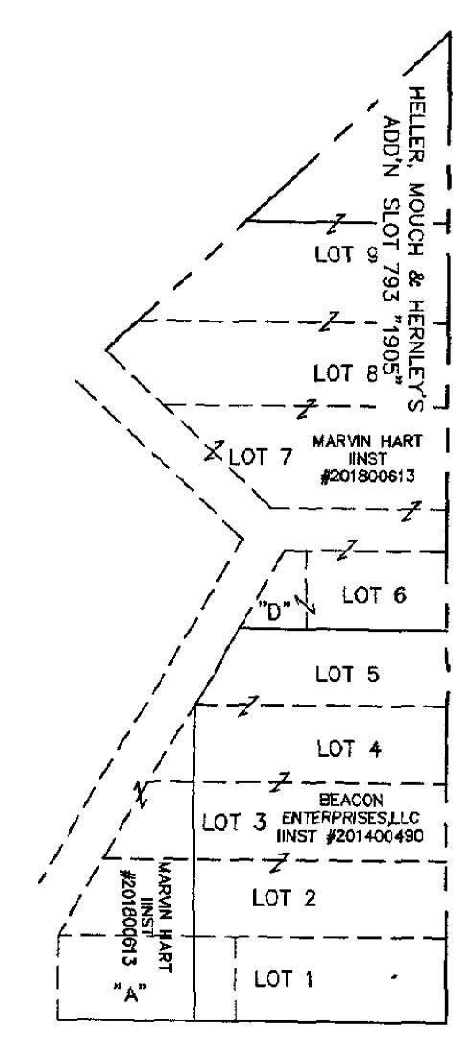
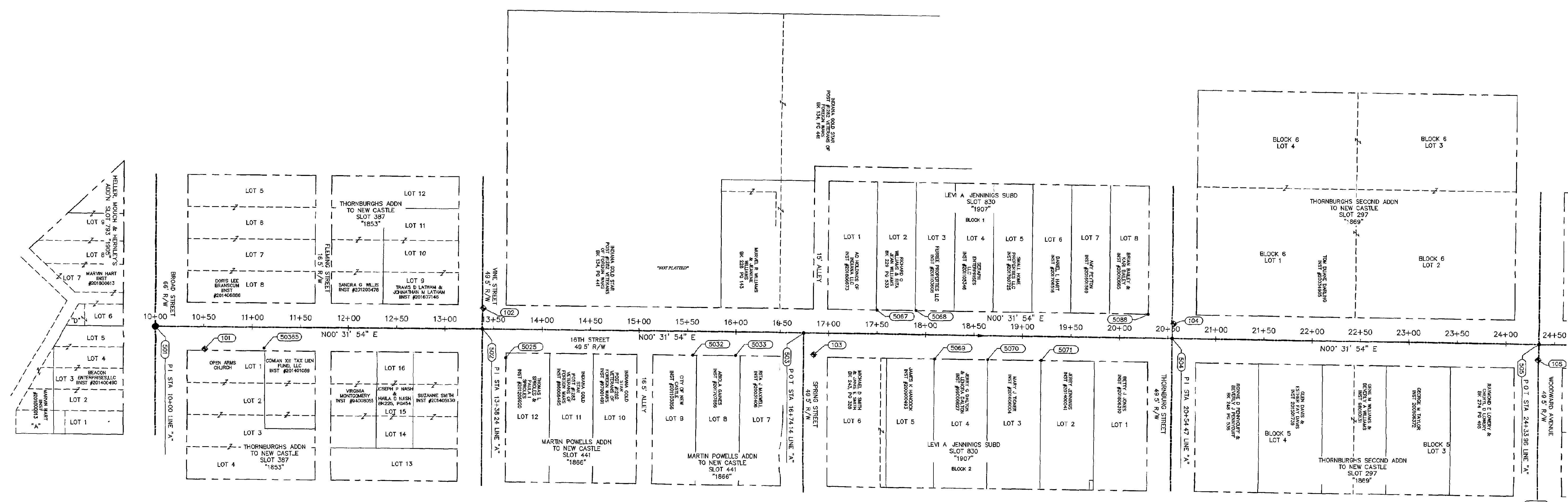
9025 RIVER ROAD, SUITE 200
INDIANAPOLIS, IN 46240
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com



PLANS PREPARED BY: American Structurepoint, Inc. (317) 547-5580
PHONE NUMBER
CERTIFIED BY: [Signature] 12/21/2020
DATE
APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION
DATE

	BRIDGE FILE	
	N/A	
	DESIGNATION	
	1600789	
	SHEETS	
	1 of 21	
SURVEY BOOK		
N/A		
CONTRACT		PROJECT
R-40507		1600789

FILED
 SEP 23 2020
 Linda C. Winchester
 HENRY COUNTY AUDITOR



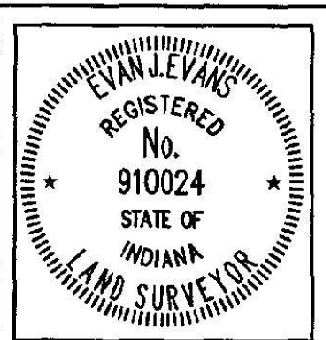
LEGEND
 ● CONTROL POINT
 ▲ ALIGNMENT POINT
 • SURVEY MONUMENT FOUND

PREPARED BY EVAN J EVANS
 W/ AMERICAN STRUCTUREPOINT

SURVEY STARTED	
1/02/2019	
SURVEY COMPLETED	
1/11/2019	
1	OF 2

AMERICAN STRUCTUREPOINT INC
 7280 SHADELAND STATION
 INDIANAPOLIS, IN 46256-3657
 TEL 317 547 5580 FAX 317 543 0270
 www.structurepoint.com
 A S1 JOB 2017 00835

SURVEYOR STATEMENT
 THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 36B I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS ARE NOT PART OF THIS SURVEY.



I AFFIRM UNDER THE PENALTIES FOR PERJURY, THAT I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW.
 EVAN J. EVANS
 March 11, 2019
 PROFESSIONAL SURVEYOR DATE

S.R.103 IN NEWCASTLE,
 HENRY COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY PLAT

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
COUNTY	DESIGNATION
HENRY	
SURVEY BOOK	PLAN SHEETS
	3 OF 21
CONTRACT	PROJECT

FILED
SEP 23 2019

Debra A. Walker
HENRY COUNTY AUDITOR

CENTERLINE POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
501	184132.70	811197.2807	"10+00"
502	184470.94	811200.42	"POT 13+38.24"
503	184806.81	811203.62	"POT 16+74.14"
504	185187.12	811207.06	"POT 20+54.47"
505	185566.61	811210.58	"POT 24+33.96"
506	185838.86	811213.11	"PI 27+06.22"
507	186026.90	811213.96	"POT 28+84.28"
508	186498.82	811216.14	"POT 33+66.21"
509	186998.44	811219.33	"POT 38+65.83"
510	190669.31	812443.43	"POT 78+57.49"
511	191263.48	812734.61	"POT 85+19"

CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
101	184183.67	811221.05	"MNS/CPT"
102	184472.09	811178.96	"MNS/CPT"
103	184817.26	811225.80	"MNS/CPT"
104	185188.99	811191.80	"MNS/CPT"
105	185565.90	811226.92	"MNS/CPT"
106	186128.86	811196.18	"RBS/CPT"
107	186744.03	811231.90	"MNS/CPT"
108	187049.58	811233.59	"MNS/CPT"
109	190631.00	812451.28	"MNS/CPT"
110	191173.12	812673.72	"MNS/CPT"

MONUMENTS			
POINT #	NORTHING	EASTING	DESCRIPTION
5025	184485.10	811230.40	"PIPE/11DOWN2IN"
5032	184688.05	811227.12	"PIPE/1IN"
5033	184732.22	811227.34	"PIPE/1IN"
5067	184882.37	811179.72	"PIPE/75DOWN4IN"
5068	184922.88	811179.67	"PIPE/75IN"
5069	184942.06	811229.55	"PIPE/75DOWN2IN"
5070	184997.15	811229.83	"PIPE/11DOWN2IN"
5071	185052.33	811229.88	"PIPE/11IN"
5088	185162.45	811182.31	"PIPE/11DOWN2IN"
5144	185542.17	811384.42	"RBF/75 BENT"
5149	185651.11	811191.40	"MON/LSHAPED 625DOWN2IN"
5156	185860.71	811193.51	"PIPE/75UP2INBENT"
5160	186049.03	811188.81	"PIPE/11DOWN2IN"
5161	186047.82	811069.09	"PIPE/11DOWN2IN"

SURVEYOR'S REPORT

Route Survey - Newcastle, Indiana
Project - State Road 103 Improvements

General

Monument reference ties are shown on the route survey plat. Should additional USPLS corners be needed where none were found, they should be re-established and tied into this survey.

Field measurements for this survey are in accordance with the specifications outlined in 865 IAC 1-12-22. Measurements and coordinates are shown to the nearest 0.01 feet.

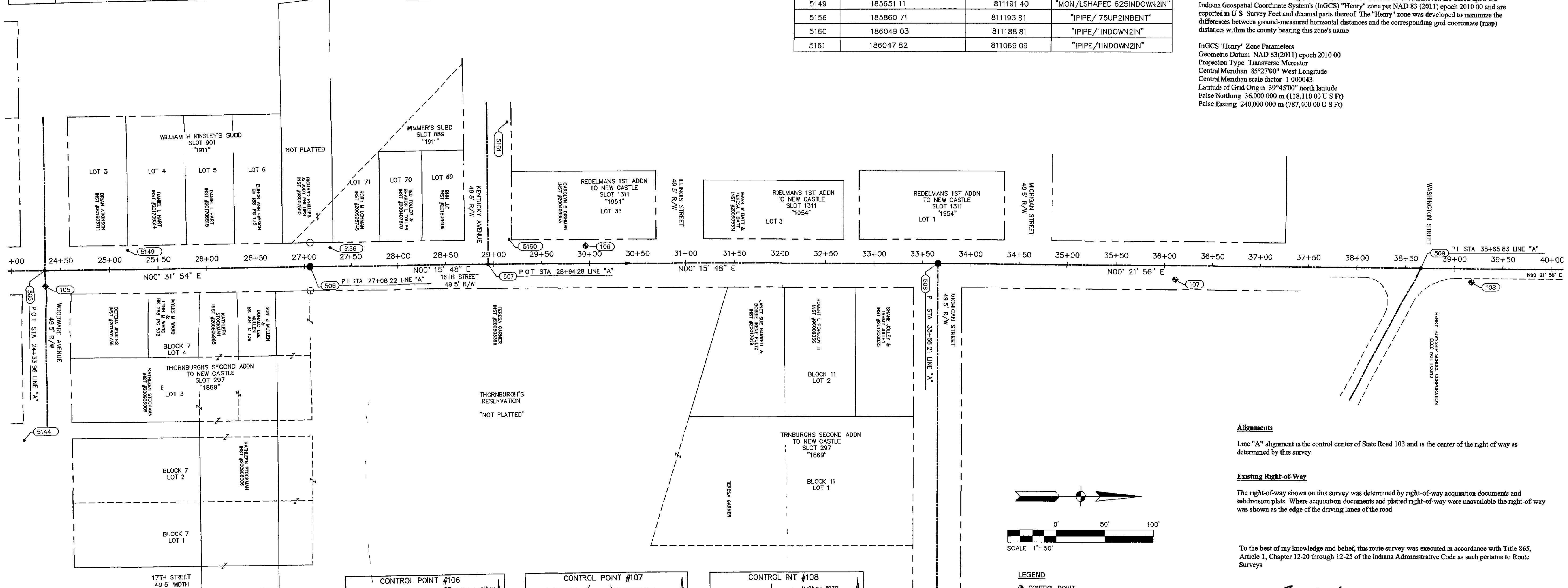
The Relative Positional Accuracy (due to random errors of measurement) of this survey is within that allowable for a Route Survey (0.07 feet plus 50 ppm) as defined in 865 IAC 1-12-7.

Horizontal Control

INGCS "HENRY" ZONE

Unless noted otherwise, all bearings, distances, areas, and coordinates shown hereon are based upon the Indiana Geospatial Coordinate System's (INGCS) "Henry" zone per NAD 83 (2011) epoch 2010.00 and are reported in U.S. Survey Feet and decimal parts thereof. The "Henry" zone was developed to minimize the differences between ground-measured horizontal distances and the corresponding grid coordinate (map) distances within the county bearing this zone's name.

INGCS "Henry" Zone Parameters
Geometric Datum: NAD 83(2011) epoch 2010.00
Projection Type: Transverse Mercator
Central Meridian: 85°27'00" West Longitude
Central Meridian scale factor: 1.000043
Latitude of Grid Origin: 39°43'00" north latitude
False Northing: 36,000,000 m (118,110,000 U.S. Ft.)
False Easting: 240,000,000 m (787,400,000 U.S. Ft.)

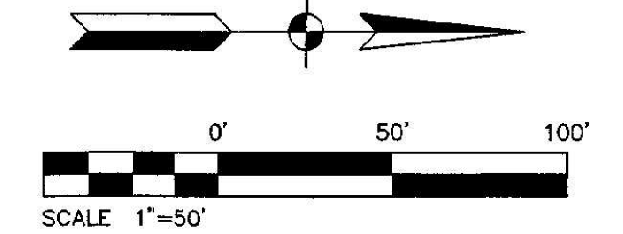


Alignments

Lane "A" alignment is the control center of State Road 103 and is the center of the right of way as determined by this survey.

Existing Right-of-Way

The right-of-way shown on this survey was determined by right-of-way acquisition documents and subdivision plats. Where acquisition documents and platted right-of-way were unavailable the right-of-way was shown as the edge of the driving lanes of the road.



- LEGEND**
- CONTROL POINT
 - ▲ ALIGNMENT POINT
 - SURVEY MONUMENT FOUND

To the best of my knowledge and belief, this route survey was executed in accordance with Title 865, Article 1, Chapter 12-20 through 12-25 of the Indiana Administrative Code as such pertains to Route Surveys.

Evan J. Evans
Evan J. Evans
Professional Surveyor 910024
cevans@structurepoint.com
Date February 26, 2019

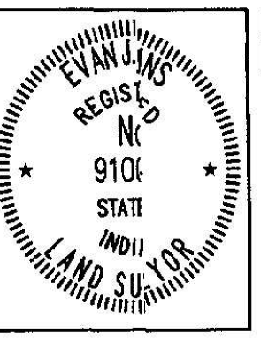
PREPARED BY EVAN J. EVANS
W/ AMERICAN STRUCTUREPOINT

SURVEY STARTED	
1/02/2019	
SURVEY COMPLETED	
1/11/2019	
2	OF 2

AMERICAN STRUCTUREPOINT INC.
7280 SHADELAND STATION
INDIANAPOLIS, IN 46255-3857
TEL 317 547 5500 FAX 317 543 0270
www.structurepoint.com
AS I JOB 2017 00835

SURVEYOR STATEMENT

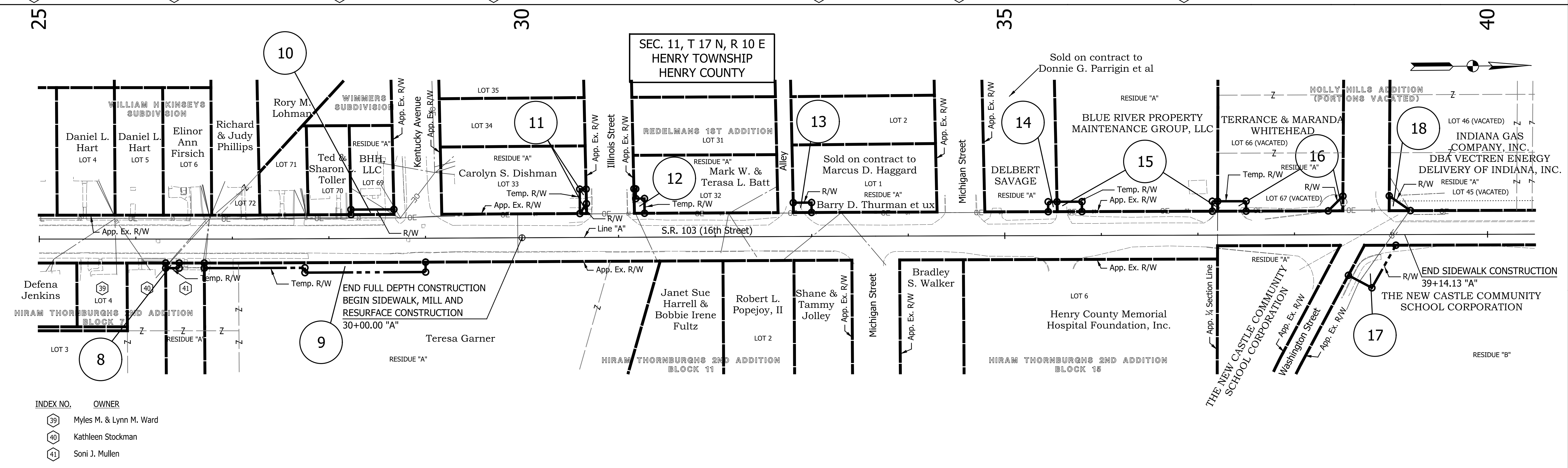
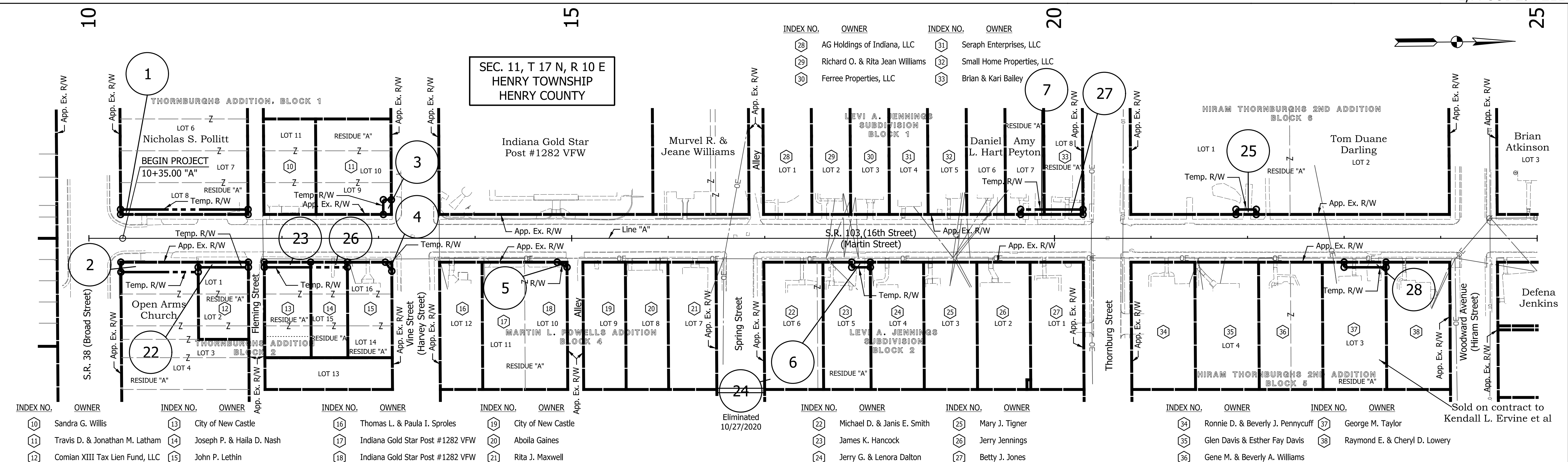
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 IAC 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS ARE NOT PART OF THIS SURVEY.



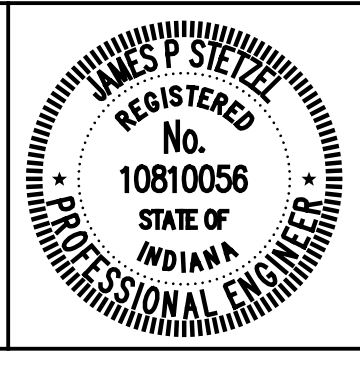
"I AFFIRM UNDER THE PENALTIES FOR PERJURY, THAT I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW."
EVAN J. EVANS
Evan J. Evans
PROFESSIONAL SURVEYOR
March 11, 2019
DATE

S.R.103 IN NEWCASTLE,
HENRY COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY PLAT

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
COUNTY	DESIGNATION
HENRY	
SURVEY BOOK	PLAN SHEETS
	4 OF 21
CONTRACT	PROJECT



DATE	REVISION

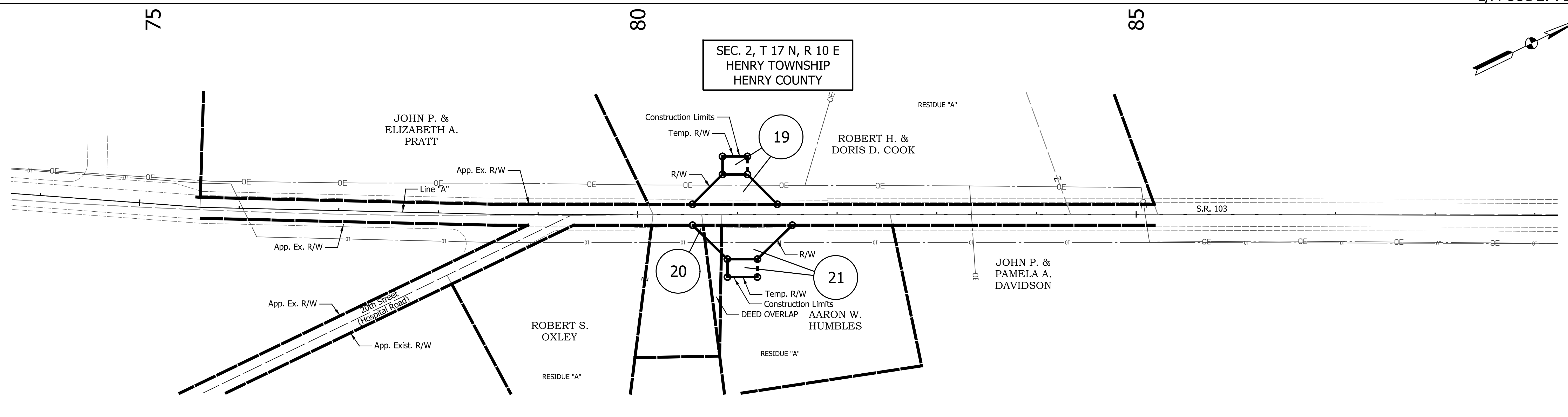
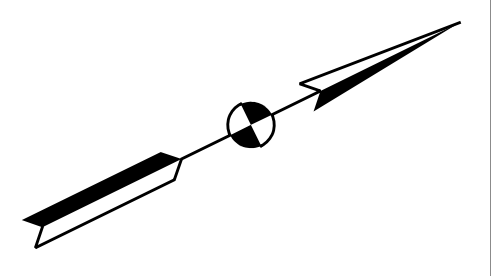


RECOMMENDED FOR APPROVAL	<i>James P. Steele</i>	12/21/2020	DATE
DESIGNED:	SRS	DRAWN:	JRG
CHECKED:	JPS	CHECKED:	JPS

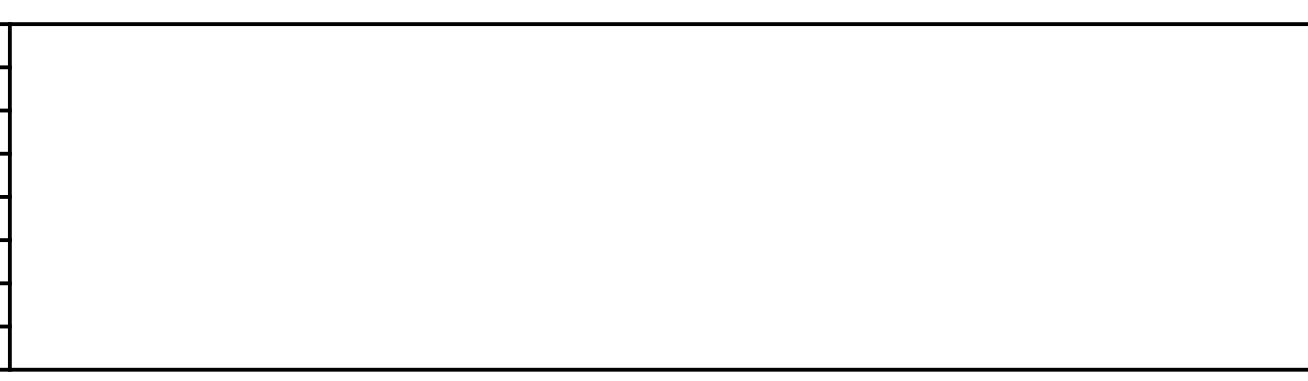
INDIANA DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	5 of 21
CONTRACT	PROJECT
R-40507	1600789



DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Sietzel* 12/21/2020
 DESIGN ENGINEER DATE

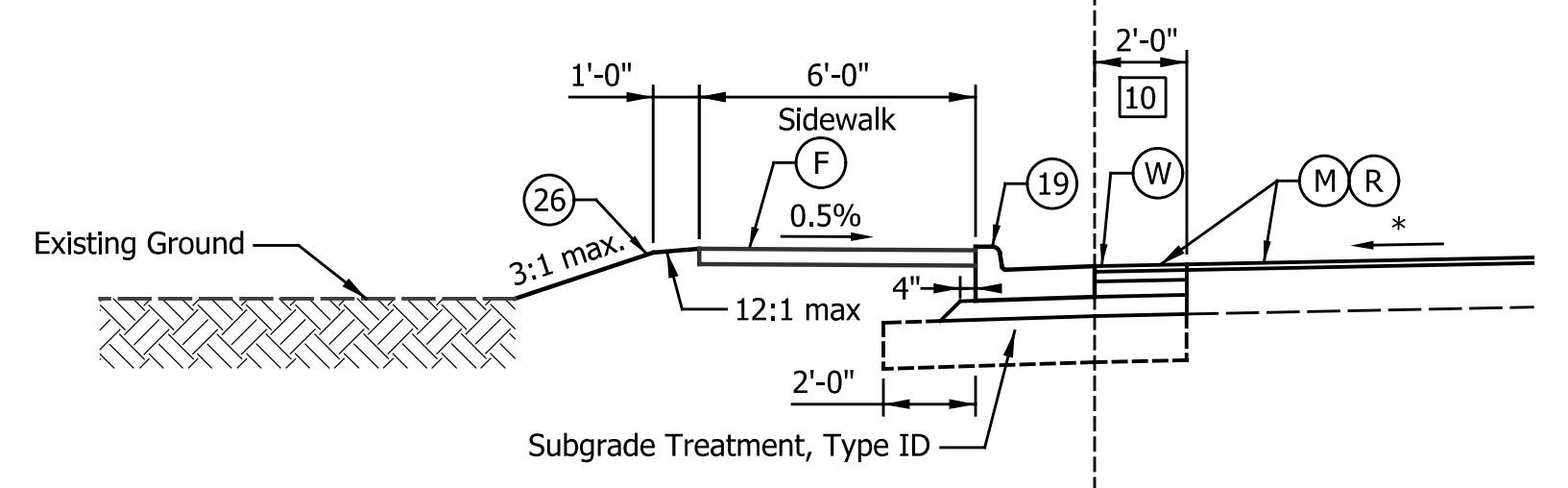
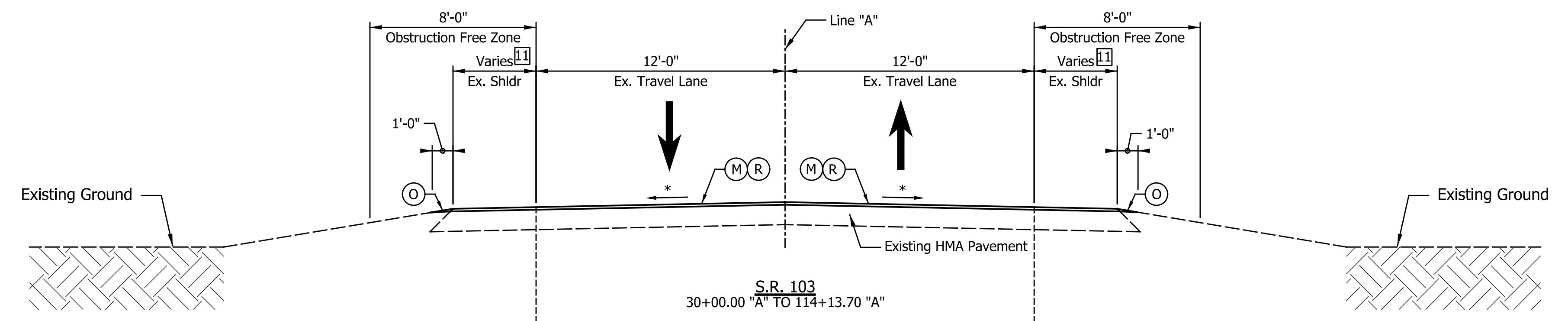
DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA
 DEPARTMENT OF TRANSPORTATION

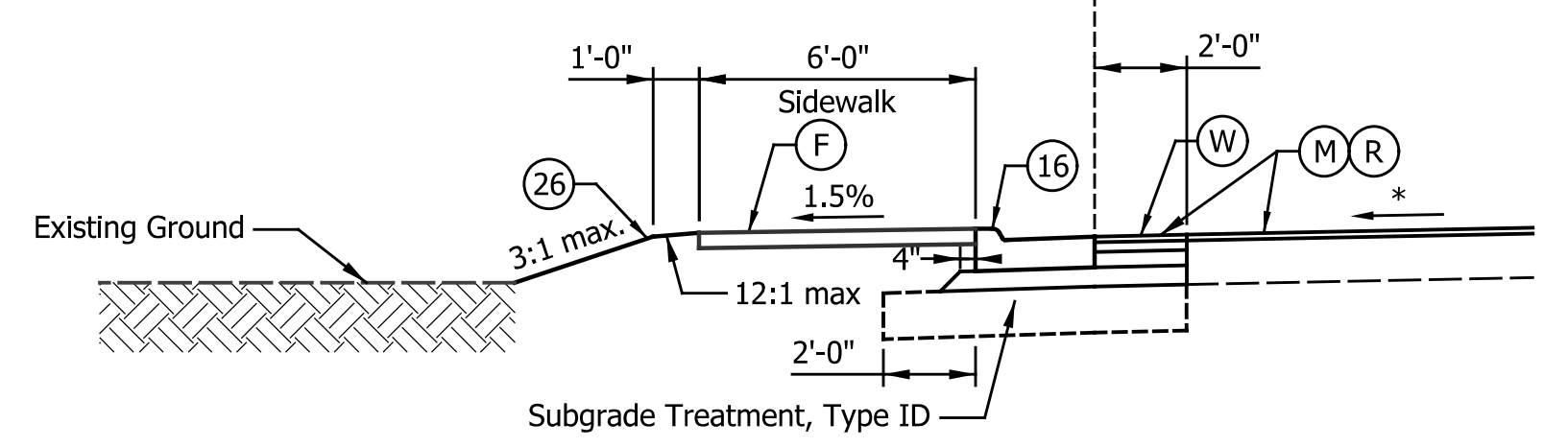
PLAT NO. 1

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1600789
SURVEY BOOK N/A	SHEETS 6 of 21
CONTRACT R-40507	PROJECT 1600789

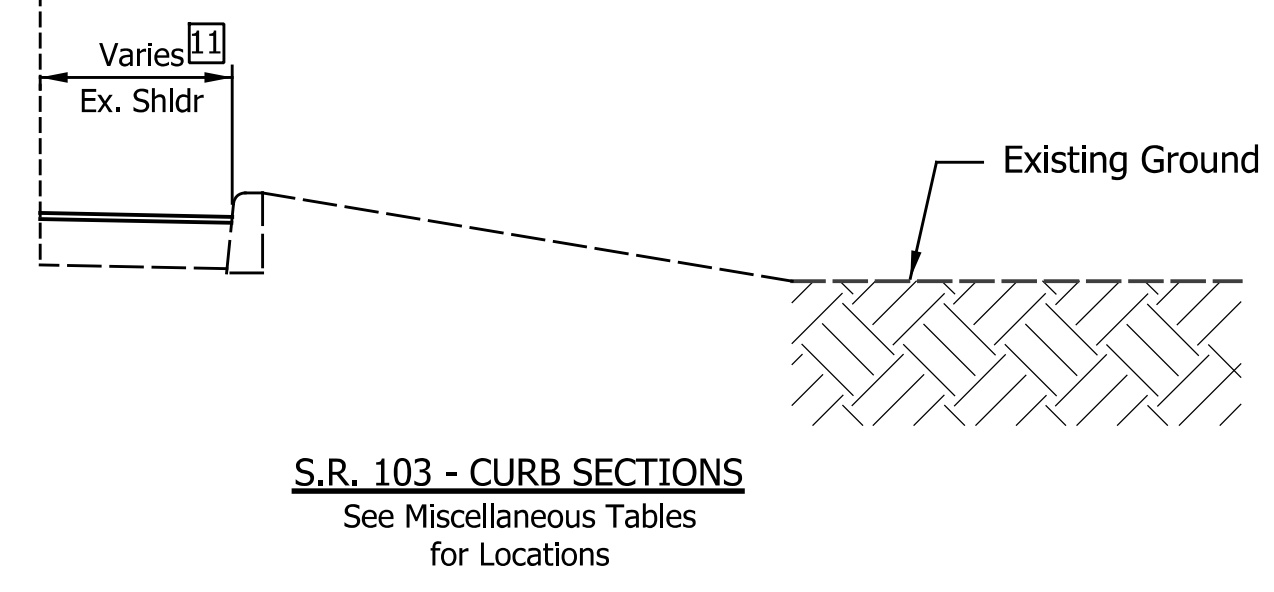
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S.R. 103 - SIDEWALK ADDITION
30+00.00 "A" TO 30+90.54 "A"
32+81.06 "A" TO 39+14.13 "A"



S.R. 103 - SIDEWALK ADDITION - MODIFIED CURB
30+90.54 "A" TO 32+81.06 "A"



S.R. 103 - CURB SECTIONS
See Miscellaneous Tables
for Locations

[10] Equals 4'-0" from Sta. 37+00.64 to Sta. 37+70.83 "A"

- Legend**
- (K) Full Depth HMA Consisting of:
165 #/SYS QC/QA-HMA, 2, 64, Surface, 9.5mm, on
275 #/SYS QC/QA-HMA, 2, 64, Intermediate, 19.0mm, on
440 #/SYS QC/QA-HMA, 2, 64, Base, 25.0mm, on
250 #/SYS QC/QA-HMA, 4, 76, Intermediate OG, 19.0mm, on
4" Compacted Aggregate, No. 53, on
Geotextile for Pavement, Type 1B, on
Subgrade Treatment Type IC
 - (F) Sidewalk, Concrete, 4 in.
 - (M) Milling, Asphalt, 1.5 in.
 - (R) 165 #/SYS QC/QA-HMA, 2, 64, Surface, 9.5mm
 - (O) 1.5" Compacted Aggregate, No. 53
 - (U) Underdrain, 6"
 - (W) Widening with HMA, Type B, consisting of:
165 #/SYS HMA, Surface, Type B, on
275 #/SYS HMA, Intermediate, Type B, on
440 #/SYS HMA, Base, Type B, on
Variable Depth (min. 550 #/SYS) HMA, Base, Type B, on
Subgrade Treatment Type ID
 - (D) HMA for Approaches, consisting of:
165 #/SYS HMA, Surface, Type B, on
275 #/SYS HMA, Intermediate, Type B, on
6" Compacted Aggregate, No. 53, on
Subgrade Treatment Type II
 - (13) Curb, Concrete
 - (16) Curb & Gutter, Concrete, Modified (3" Vertical Curb)
 - (19) Curb & Gutter, Concrete
 - (26) Sodding, Nursery
 - * Match Existing

DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Stetzel* 12/21/2020
DESIGN ENGINEER DATE

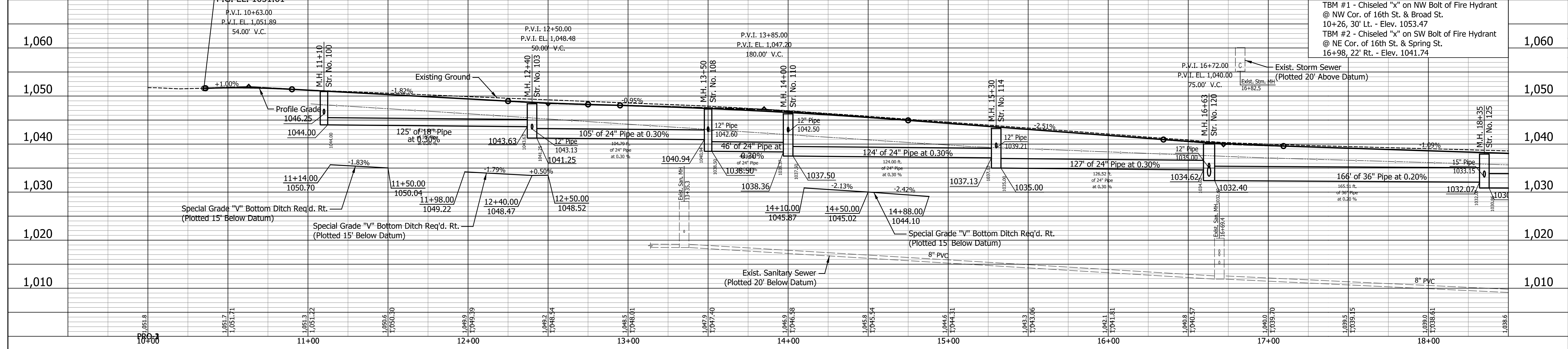
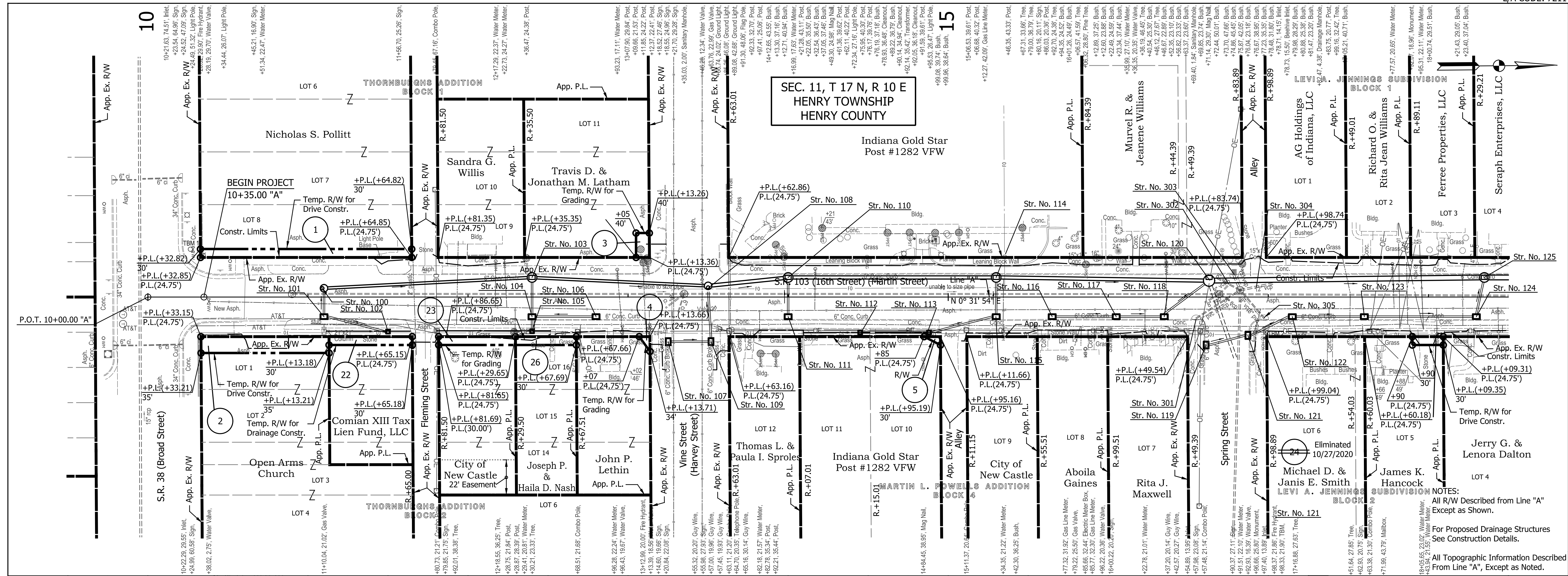
DESIGNED: SRS DRAWN: JRG
CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
S.R. 103

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	8 of 21
CONTRACT	PROJECT
R-40507	1600789

I:\projects\2017\00835\Drawings\0012 (SR 103 New Castle)\Right of Way Plans\2017.00835.0012.RW.RD.TY.02.dgn



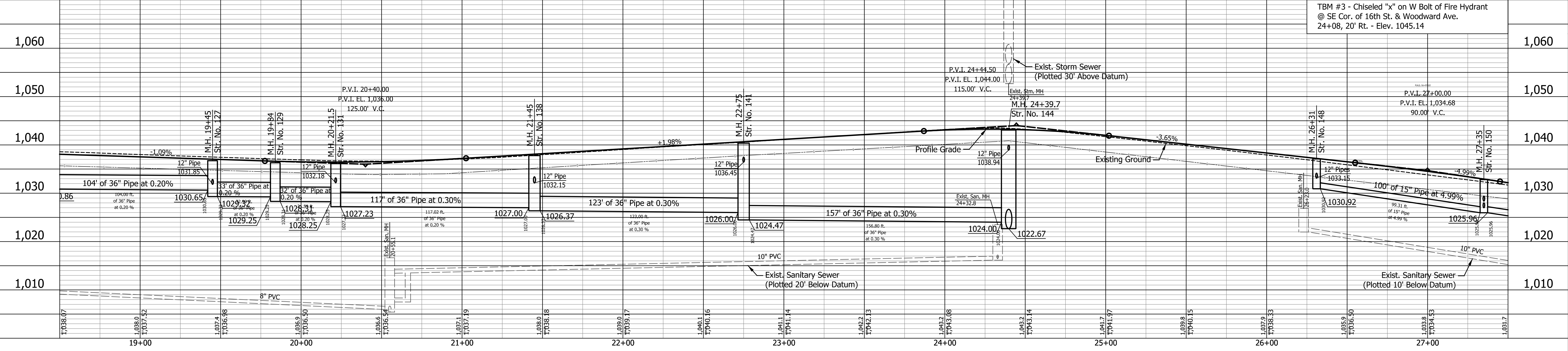
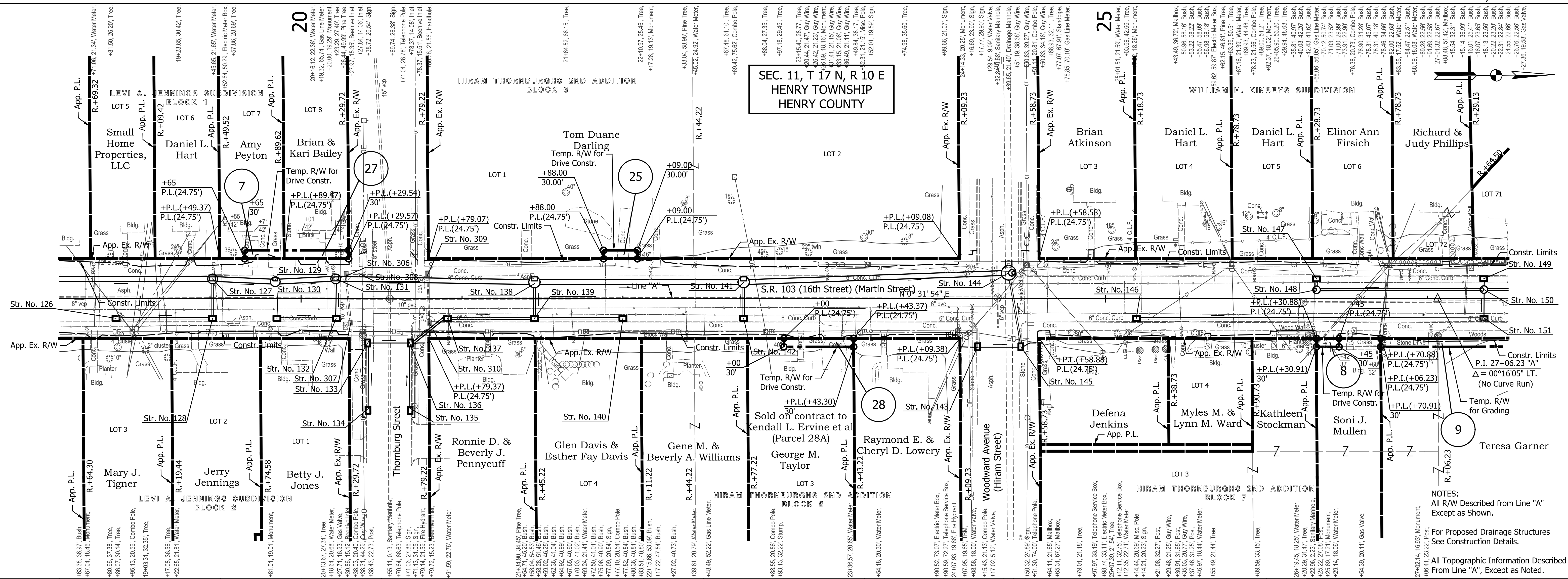
DATE	REVISION

RECOMMENDED FOR APPROVAL: *James P. Stetler* 12/21/2020
 DESIGN ENGINEER DATE
 DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1600789
SURVEY BOOK	SHEETS
N/A	9 of 21
CONTRACT	PROJECT
R-40507	1600789

SEC. 11, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY



DATE	REVISION

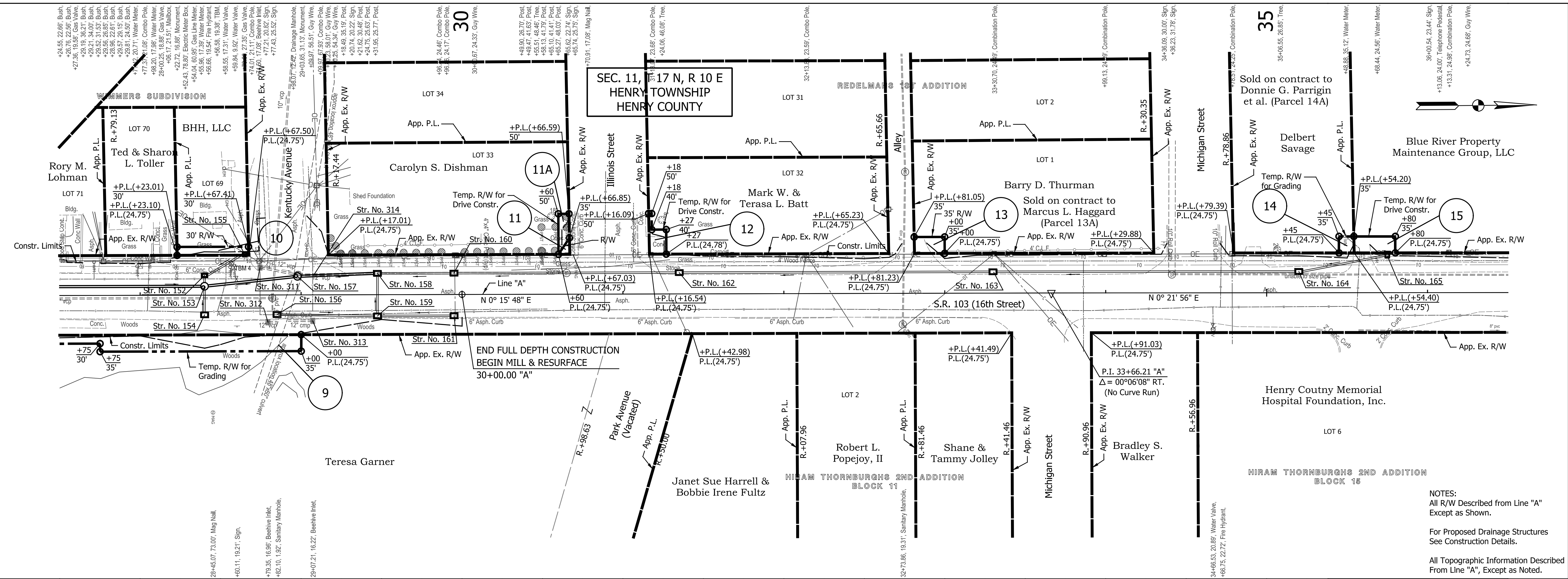


RECOMMENDED FOR APPROVAL	<i>James P. Stitzel</i>	DESIGN ENGINEER	12/21/2020	DATE
DESIGNED:	SRS	DRAWN:	JRG	
CHECKED:	JPS	CHECKED:	JPS	

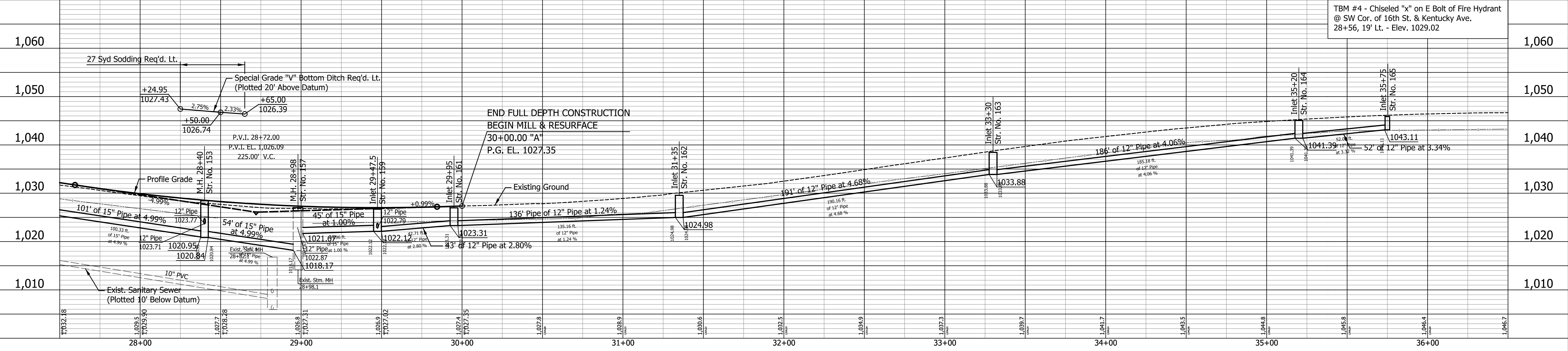
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1600789
SURVEY BOOK	SHEETS
N/A	10 of 21
CONTRACT	PROJECT
R-40507	1600789

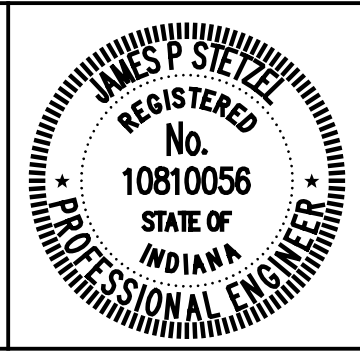


NOTES:
 All R/W Described from Line "A"
 Except as Shown.
 For Proposed Drainage Structures
 See Construction Details.
 All Topographic Information Described
 From Line "A", Except as Noted.



TBM #4 - Chiseled "x" on E Bolt of Fire Hydrant
 @ SW Cor. of 16th St. & Kentucky Ave.
 28+56, 19' Lt. - Elev. 1029.02

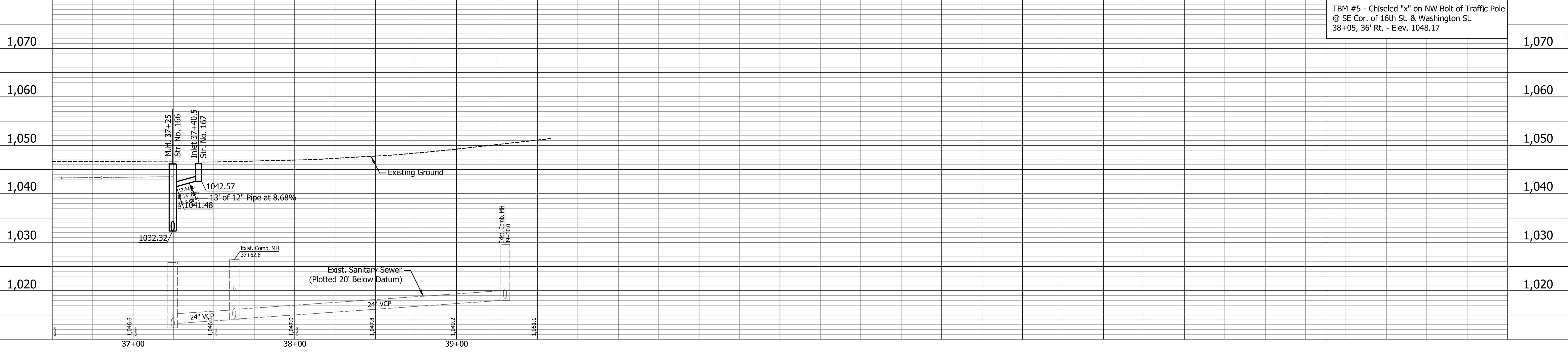
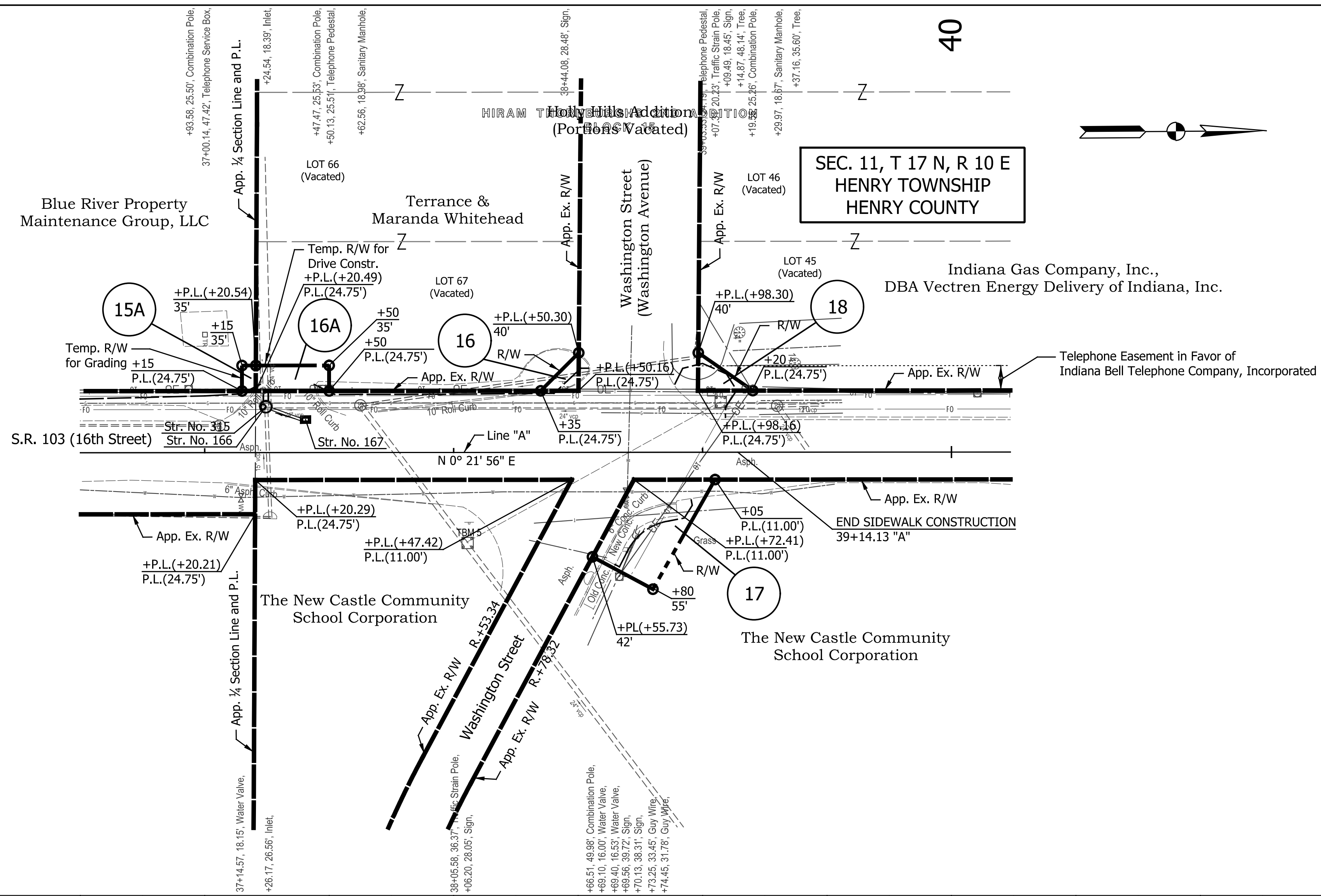
DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Stetzel* 12/21/2020
 DESIGN ENGINEER DATE
 DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1600789
SURVEY BOOK	SHEETS
N/A	11 of 21
CONTRACT	PROJECT
R-40507	1600789



NOTES:
 All R/W Described from Line "A"
 Except as Shown.
 For Proposed Drainage Structures
 See Construction Details.
 All Topographic Information Described
 From Line "A", Except as Noted.

DATE	REVISION

REGISTERED PROFESSIONAL ENGINEER
 No. 10810056
 STATE OF INDIANA

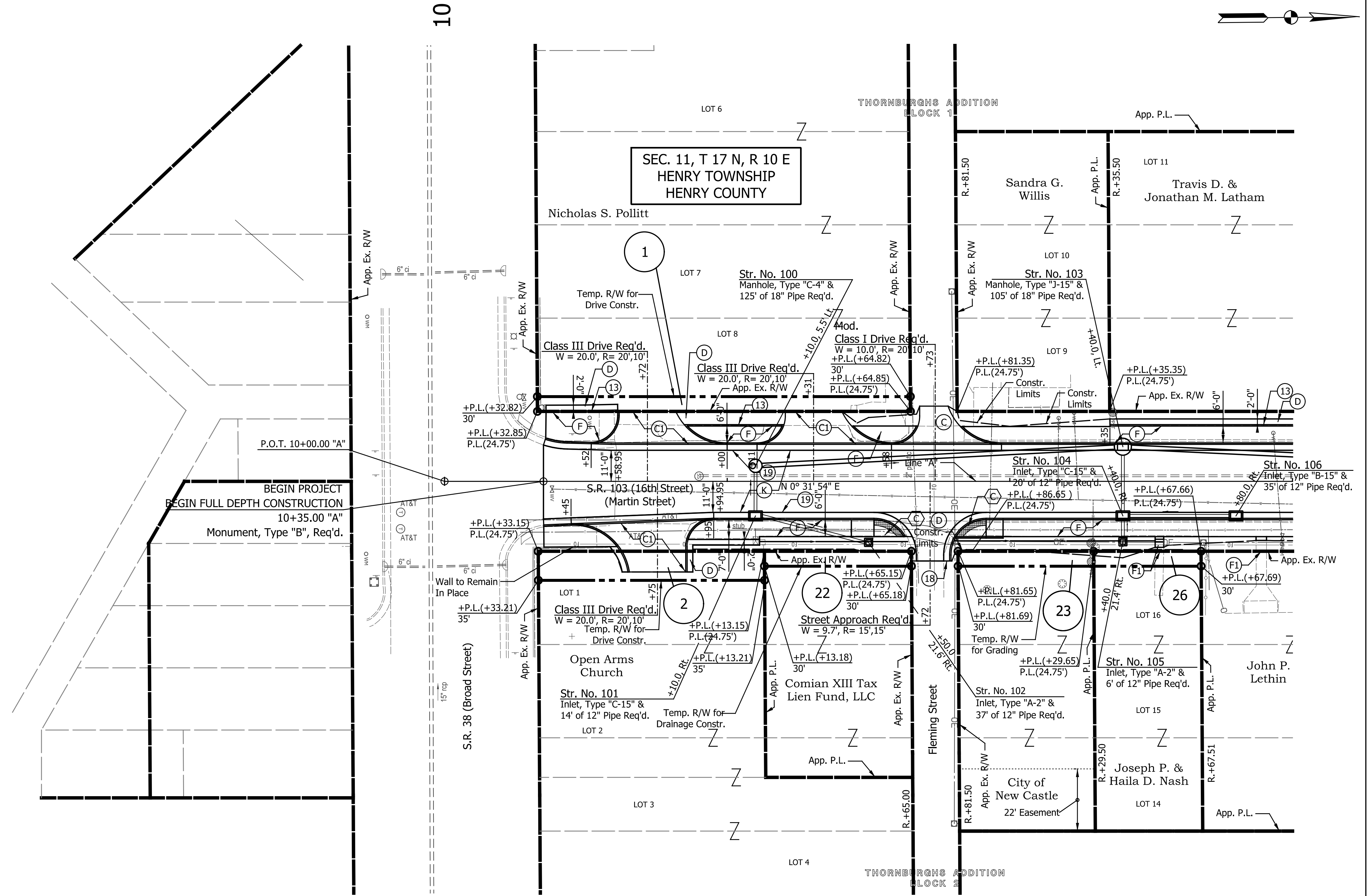
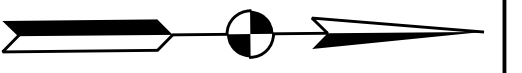
RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER: *[Signature]* 12/21/2020
 DATE

DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 LINE "A"

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1600789
SURVEY BOOK N/A	SHEETS 12 of 21
CONTRACT R-40507	PROJECT 1600789

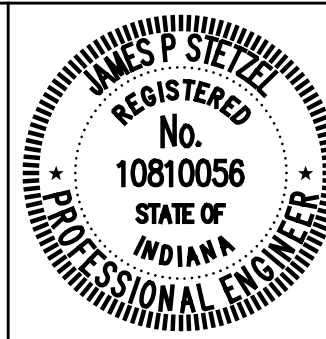


LEGEND

- (C) PCCP for Approaches, 6.0" on 6.0" Dense Graded Subbase, on Subgrade Treatment, Type II
- (Cl) PCCP for Approaches, 9.0" on 6.0" Dense Graded Subbase, on Geogrid Type IB, Subgrade Treatment, Type II
- (D) HMA for Approaches, Type B, consisting of: 165 #/SYS HMA Surface, Type B, on 275 #/SYS HMA Intermediate, Type B, on 6" Compacted Aggregate No. 53, on Subgrade Treatment, Type II
- (D1) HMA for Approaches, Type B, consisting of: 165 #/SYS HMA Surface, Type B
- (D2) HMA for Approaches, Type B, consisting of: 165 #/SYS HMA Surface, Type B, on 275 #/SYS HMA Intermediate, Type B
- (K) Full Depth HMA Pavement (See Typ. Sections)
- (F) Sidewalk, Concrete, 4"
- (F1) Steps, Concrete
- (F2) Sidewalk, Concrete, 4" on Min. 3" Compacted Aggregate, No. 8
- (M) Milling, Asphalt, 1.5"
- (M1) Milling, Approach, 1.5"
- (M2) Milling, Profile (see cross-sections, avg. 4")
- (O) 1.5" Compacted Aggregate, No. 53
- (O1) 6.0" Compacted Aggregate, No. 53
- (R) 165 #/Sys. QC/QA-HMA, 2, 64, Surface, 9.5mm
- (W) Widening with HMA (See Typ. Sections)
- (C) Curb Ramp, Concrete (See Spot Elevation Details)
- (13) Curb, Concrete
- (16) Combined Curb & Gutter, Concrete, Modified (3" Vertical)
- (18) Curb Transition (See Misc. Details)
- (19) Curb & Gutter, Concrete
- (26) Sodding, Nursery

NOTES:
All Stationing Described from Line "A" Except as Shown.

DATE	REVISION



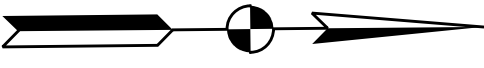
RECOMMENDED FOR APPROVAL	<i>James P. Stetler</i>	DESIGN ENGINEER	12/21/2020	DATE
DESIGNED:	SRS	DRAWN:	JRG	
CHECKED:	JPS	CHECKED:	JPS	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

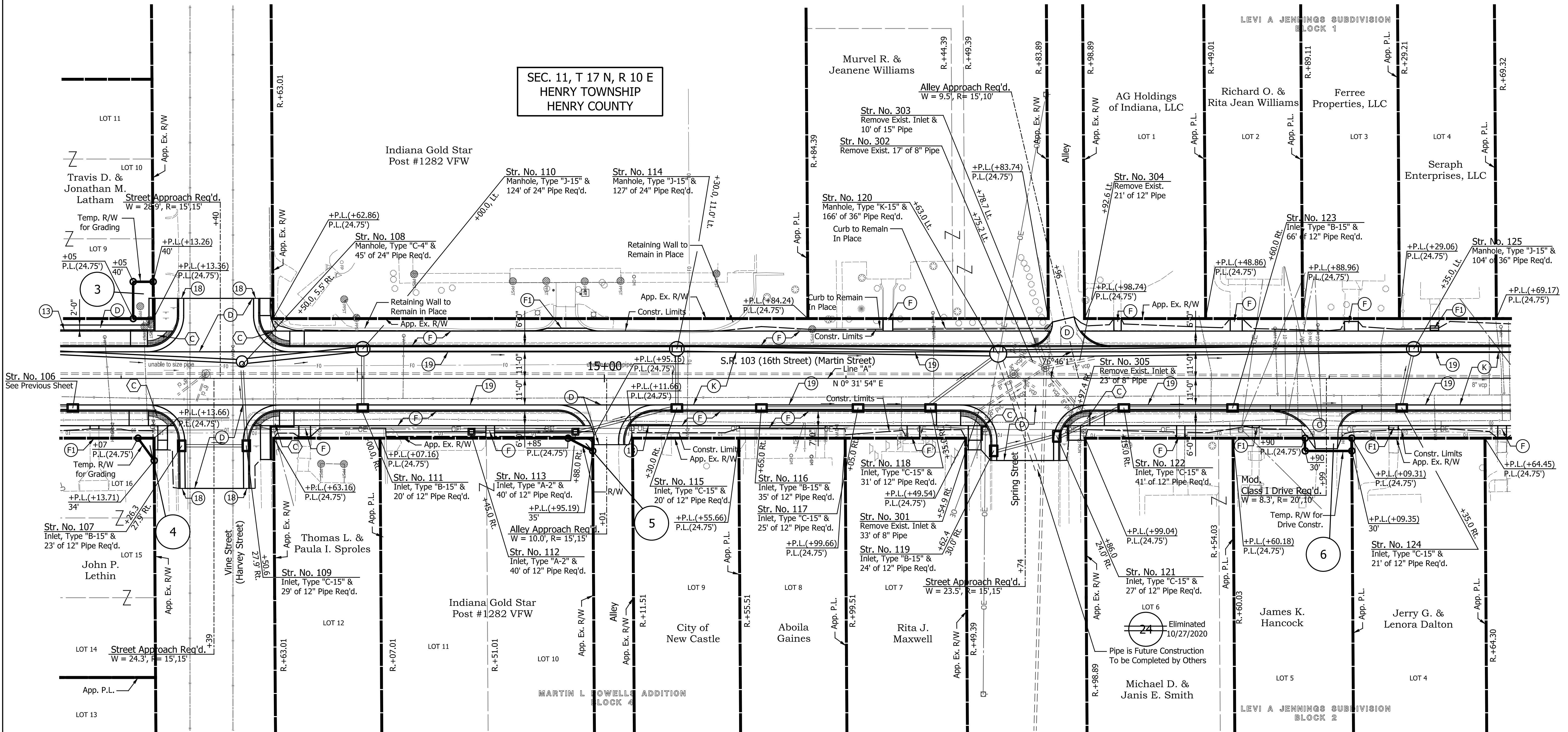
**CONSTRUCTION DETAILS
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	14 of 21
CONTRACT	PROJECT
R-40507	1600789

Indiana ROW Plans.tbl



SEC. 11, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY

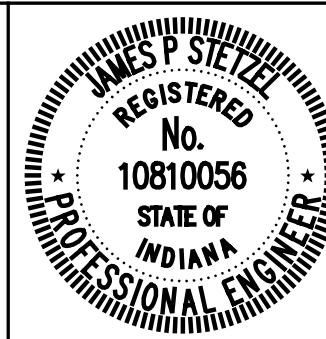


LEGEND

- (C) PCCP for Approaches, 6.0" on 6.0" Dense Graded Subbase, on Subgrade Treatment, Type II
- (C1) PCCP for Approaches, 9.0" on 6.0" Dense Graded Subbase, on Geogrid Type IB, Subgrade Treatment, Type II
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- (F1) Steps, Concrete
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- (M2) Milling, Profile (see cross-sections, avg. 4")
- (O) 1.5" Compacted Aggregate, No. 53
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- (R) 165 #/Sys. QC/QA-HMA, 2, 64, Surface, 9.5mm
- (W) Widening with HMA (See Typ. Sections)
- (C) Curb Ramp, Concrete (See Spot Elevation Details)
- (13) Curb, Concrete
- (16) Combined Curb & Gutter, Concrete, Modified (3" Vertical)
- (18) Curb Transition (See Misc. Details)
- (19) Curb & Gutter, Concrete
- (26) Sodding, Nursery

NOTES:
All Stationing Described from Line "A"
Except as Shown.

DATE	REVISION

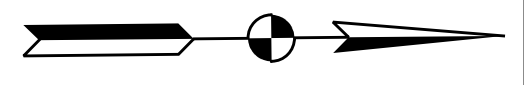


RECOMMENDED FOR APPROVAL	<i>James P. Stetzel</i>	12/21/2020
DESIGNED:	SRS	DRAWN:
CHECKED:	JPS	CHECKED:
		JPS

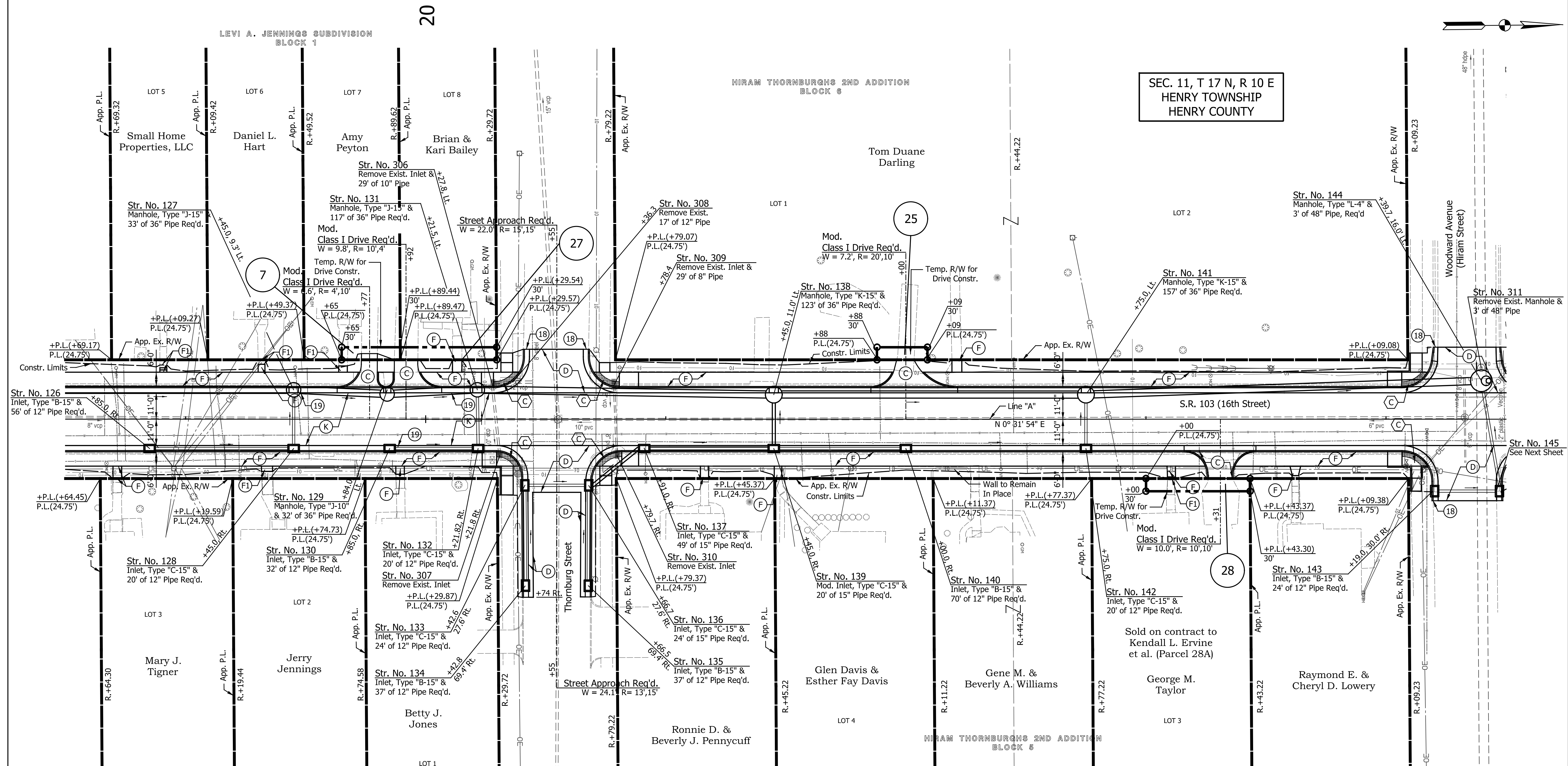
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	15 of 21
CONTRACT	PROJECT
R-40507	1600789



SEC. 11, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY



- LEGEND**
- (C) PCCP for Approaches, 6.0' on 6.0" Dense Graded Subbase, on Subgrade Treatment, Type II
 - (C1) PCCP for Approaches, 9.0' on 6.0" Dense Graded Subbase, on Geogrid Type IB, Subgrade Treatment, Type II
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- NOTES:**
All Stationing Described from Line "A" Except as Shown.

DATE	REVISION

REGISTERED PROFESSIONAL ENGINEER
 No. 10810056
 STATE OF INDIANA

RECOMMENDED FOR APPROVAL: *[Signature]* 12/21/2020
 DESIGN ENGINEER DATE

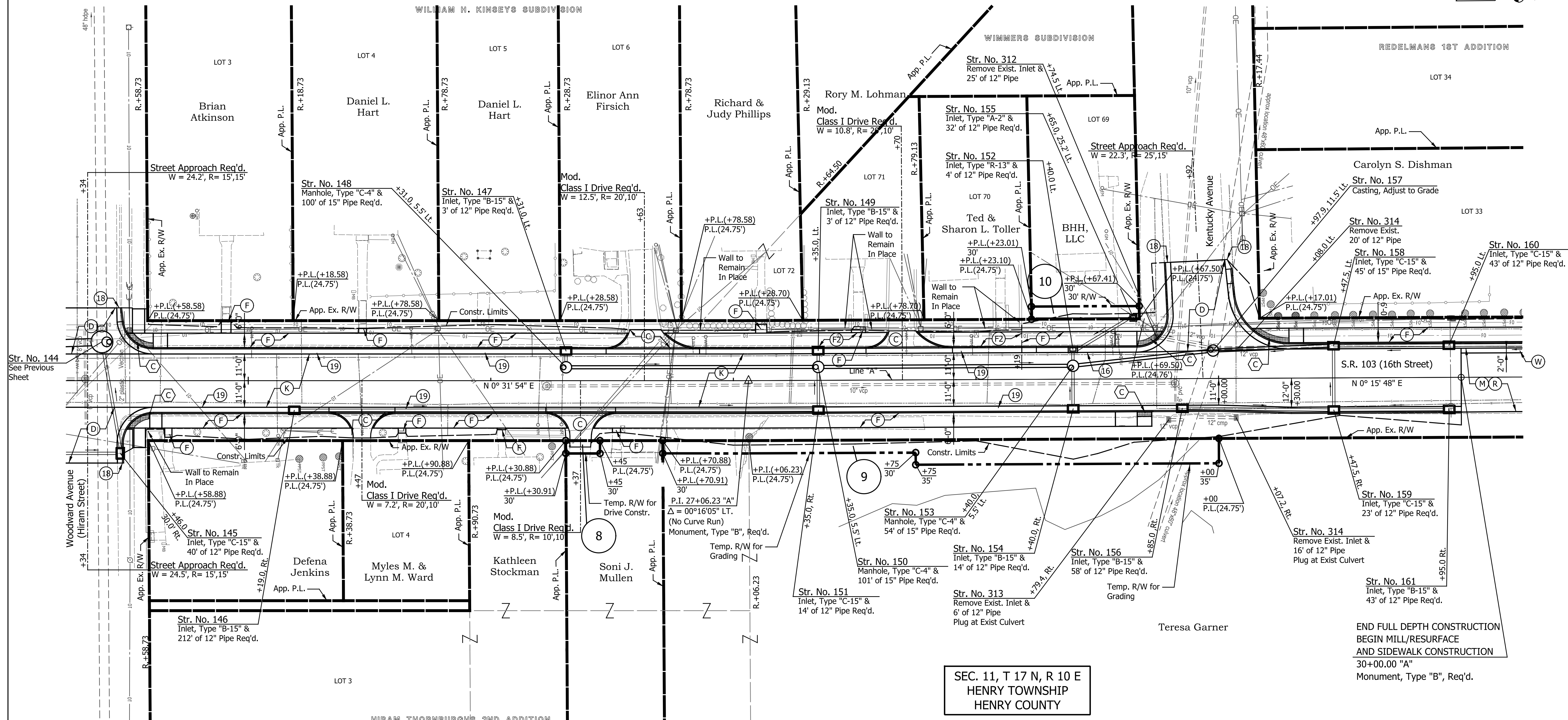
DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	16 of 21
CONTRACT	PROJECT
R-40507	1600789

stafford 12/21/2020 2:22:57 PM P:\2017\00835\Drawings\0012 (SR 103 New Castle)\Right of Way Plans\2017.00835.0012.RW.RD.CD.03.dgn



SEC. 11, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY

LEGEND

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NOTES:
All Stationing Described from Line "A"
Except as Shown.

DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Stetzel* 12/21/2020
DESIGN ENGINEER DATE

DESIGNED: SRS DRAWN: JRG
CHECKED: JPS CHECKED: JPS

INDIANA
DEPARTMENT OF TRANSPORTATION

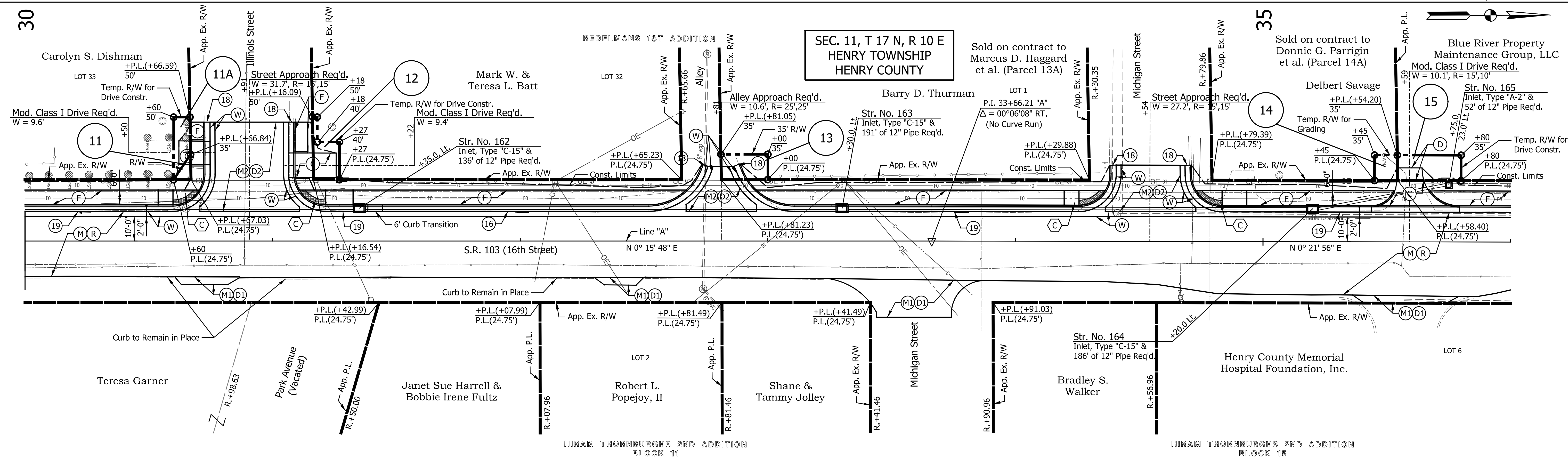
CONSTRUCTION DETAILS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	17 of 21
CONTRACT	PROJECT
R-40507	1600789

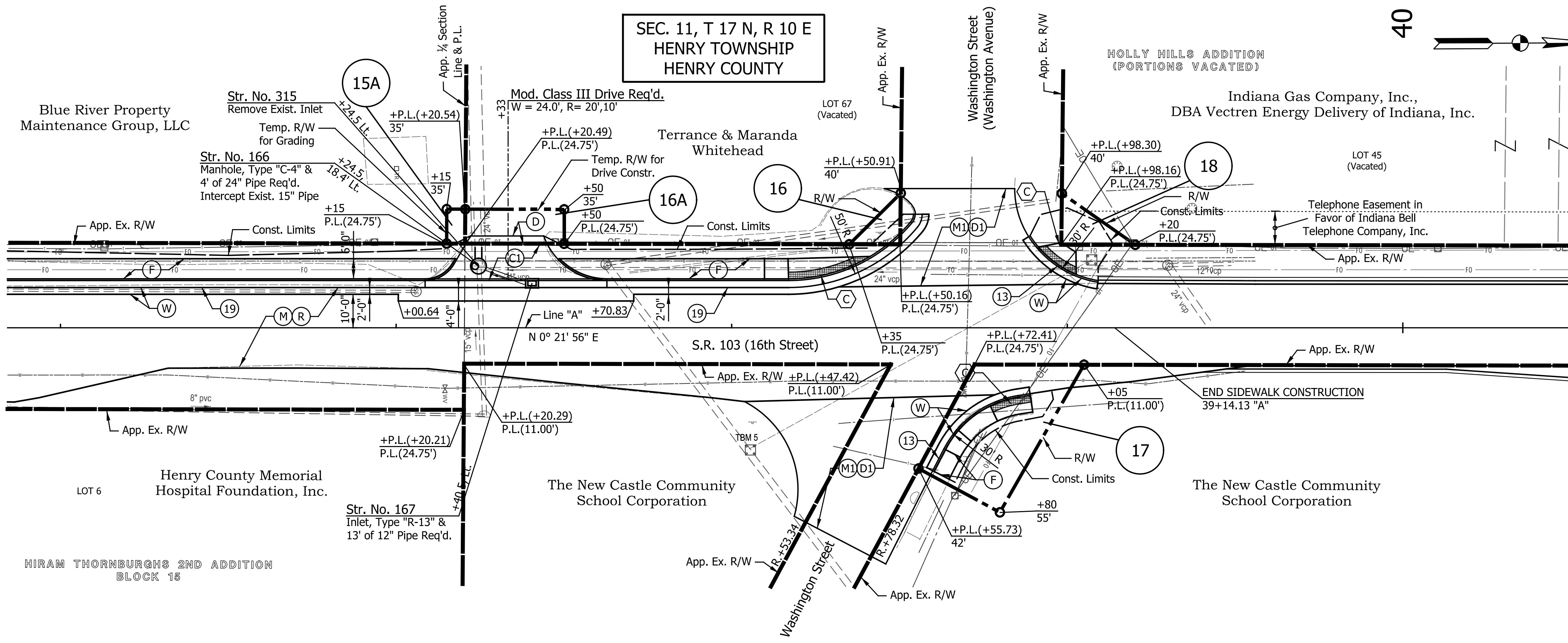
Indiana Board of Professional Engineers
 Indiana Board of Professional Engineers
 Indiana Board of Professional Engineers

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35



40



LEGEND

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NOTES:
All Stationing Described from Line "A" Except as Shown.

DATE	REVISION

REGISTERED PROFESSIONAL ENGINEER

10810056
STATE OF INDIANA

RECOMMENDED FOR APPROVAL	<i>[Signature]</i> DESIGN ENGINEER	12/21/2020 DATE
DESIGNED:	SRS	DRAWN:
CHECKED:	JPS	CHECKED:
		JPS

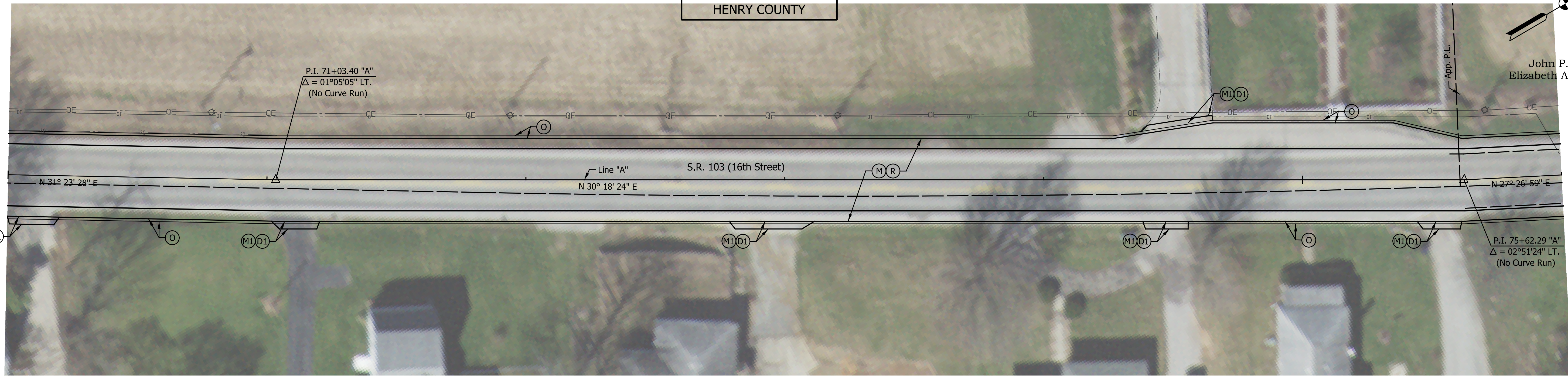
INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

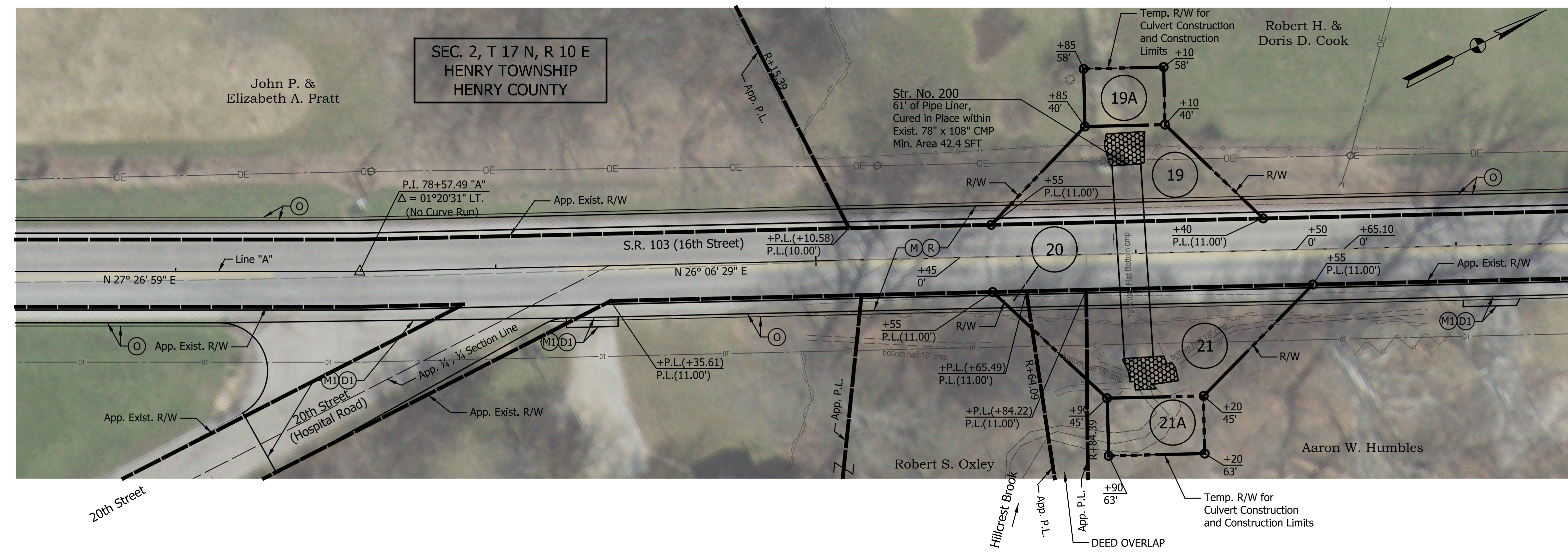
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	18 of 21
CONTRACT	PROJECT
R-40507	1600789

SEC. 2, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY



SEC. 2, T 17 N, R 10 E
HENRY TOWNSHIP
HENRY COUNTY

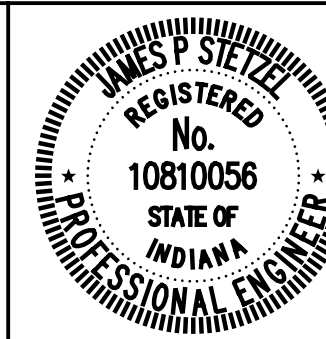


LEGEND

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- (C) Curb Ramp, Concrete (See Spot Elevation Details)

NOTES:
All Stationing Described from Line "A" Except as Shown.

DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Stetler* DESIGN ENGINEER 12/21/2020 DATE

DESIGNED: SRS DRAWN: JRG

CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "A"

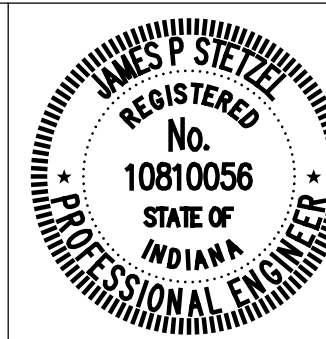
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	19 of 21
CONTRACT	PROJECT
R-40507	1600789

Inch/ft/dec Indiana ROW Plans.tbl

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADI		DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE		GRADE	EXCAVATION		CLEAR ZONE AT DRIVE	SUBGRADE TREATMENT		HMA FOR APPROACHES, TYPE B		QC/QA-HMA MATERIALS				HMA MATERIAL FOR:		COMPACTED AGGREGATE, NO. 53			DENSE GRADED SUBBASE	GEOGRID TYPE 1B	PCCP FOR APPROACHES		REMARKS								
							COMPACTED AGGREGATE BASE	HMA		CONCRETE	CUT		FILL	FT	TYPE			LBS. PER SYD.		LBS. PER SYD.				PRIME COAT	TACK COAT			DEPTH			DEPTH							
															1	2	3	IC	ID	II	165	275	165					275	440		250	1.5 IN.	4 IN.	6 IN.	6 IN.	6 IN.	9 IN.	
							ft.	ft.		ft.	ft.		ft.	%	%	%	SYS	SYS	SYS	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.			SYS.	SYS.		SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	
Line "A"	SR 103																																					
10+35.00 to 30+00.00	Reconstruction													6,947.00	22.3																							
30+00.00 to 114+13.70	Mill & Resurface													811.0		1838.3		31481.0																	See Miscellaneous Tables			
10+72 Lt.	Class III Drive	20.0	11.2	20	10				1.5	-1.0																												
10+75 Rt.	Class III Drive	20.0	17.7	20	10	7.0			1.5	12.4																												
11+31 Lt.	Class III Drive	20.0	11.2	20	10				1.5	2.5																												
11+72 Rt.	Public Road Approach	9.7	17.2	15	15				1.5	5.7						29.2	29.2	29.2																		Fleming Street		
11+73 Lt.	Class III Drive	10.1	13.0	20	10		X		1.5	4.1																										Modified Radius		
13+39 Rt.	Public Road Approach	24.3	34.5	15	15				1.5	7.6						103.6	103.6	103.6																			Vine Street	
13+40 Lt.	Public Road Approach	28.9	22.1	15	15				1.5	4.8						81.8	81.8	81.8																			Vine Street	
15+01 Rt.	Alley Approach	10.0	16.4	15	15				0.5	3.9						29.0	29.0	29.0																				
16+74 Rt.	Public Road Approach	23.5	23.0	15	15				0.5	1.2						70.7	70.7	70.7																			Spring Street	
16+96 Lt.	Alley Approach	9.3	11.3	15	10				1.5	3.0						26.6	26.6	26.6																				
17+99 Rt.	Class I Drive	9.2	15.5	20	10	10.3	X		1.5	13.0						36.0																						
19+77 Lt.	Mod. Class I Drive	6.6	18.4	3.5	10.0	7.2			1.5	13.5						18.5																						
19+92 Lt.	Mod. Class I Drive	9.8	11.2	10.0	3.5		X		1.5	9.5						21.4																						
20+55 Lt.	Public Road Approach	24.1	18.2	15	15				0.5	-1.6						55.1	55.1	55.1																				Thornburg Street
20+55 Rt.	Public Road Approach	24.1	19.5	13	15				1.5	5.8						61.7	61.7	61.7																				Thornburg Street
22+00 Lt.	Class I Drive	7.2	11.2	20	10				0.5	4.7						29.1																						
23+31 Rt.	Mod. Class I Drive	10.0	11.2	10	10				0.5	12.3						26.5																						Modified Radius
24+34 Lt.	Public Road Approach	23.0	19.0	15	15				1.5	6.0						61.6	61.6	61.6																				Woodward Ave.
24+34 Rt.	Public Road Approach	23.2	23.0	15	15				1.5	2.6						72.9	72.9	72.9																				Woodward Ave.
25+47 Rt.	Mod. Class I Drive	7.2	10.0	10	10				1.5							20.8																						Modified Width and Radius
26+37 Rt.	Mod. Class I Drive	8.6	13.8	10	10	6.7	X		-1.5	-5.0						26.7																						Modified Width and Radius
26+63 Lt.	Class I Drive	12.8	7.5	20	10				2.0							28.2																						
27+70 Lt.	Class I Drive	10.8	6.7	20	10				2.0							24.1																						
28+92, Lt.	Public Road Approach	22.3	37.0	25	15				2	-6						88.3	88.3	88.3																				Kentucky Ave.
30+62, Lt.	Mod. Class I Drive	9.6	22.9						1.5	-6.2						13.4																						No Radii on Drive, Modified Width
30+91, Lt.	Public Road Approach	31.7	36.5	20	15				1.5	-3.7						119.0	119.0																				Illinois Street (Non-Participating); Milling, Profile and 4" HMA for Approaches	
31+22, Lt.	Mod. Class I Drive	9.4	13.2						1.5	1.5						21.1																					No Radii on Drive (Non-Participating)	

DATE	REVISION



RECOMMENDED FOR APPROVAL: *James P. Stetzel* 12/21/2020
 DESIGN ENGINEER DATE

DESIGNED: SRS DRAWN: JRG
 CHECKED: JPS CHECKED: JPS

INDIANA DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600789
SURVEY BOOK	SHEETS
N/A	20 of 21
CONTRACT	PROJECT
R-40507	1600789

