

PROJECT	DESCRIPTION
1801426	1801426
CONTRACT	
8-41299	

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

TRAFFIC DATA		
AA.D.T.	(2011)	5,553 V.P.D.
AA.D.T.	(2043)	5,760 V.P.D.
D.U.V.	(2043)	553 V.P.H.
DIRECTIONAL DISTRIBUTION		61 %
THRUWAY		0.96 % A.A.D.T.
		- % D.U.V.

DESIGN DATA	
DESIGN SPEED	35 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTR. (NON-FREEDWAY)
FUNCTIONAL CLASSIFICATION	PRINC. ARTERIAL
RURAL/URBAN	URBAN (INTERMEDIATE)
TERRAIN	LEVEL
ACCESS CONTROL	NONE

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1801426	Amstutz Road Reconstruction
1802913	New Pedestrian Bridge on Amstutz Road

AMSTUTZ ROAD RECONSTRUCTION
 PROJECT NO. 1801426 P.E.
 1801426 R/W
 1801426 CONST.

LEO-CEDARVILLE TOWN COUNCIL

President	Greg V. Peck
Member	Ray Pulver, Jr.
Member	John Easton
Member	Scott Yoder
Member	Tyler Witmer

LEO-CEDARVILLE TOWN STAFF

Town Manager, Employee in Responsible Charge (ERC)	Tara Woelker
--	--------------

Road Reconstruction and Pedestrian Bridge Construction on Amstutz Road
 Located from 0.05 Miles North of SR 1 to 0.16 Miles North of Hosler Road
 Sections 15, 16, 21 & 22, T-32-N, R-13-E, Cedar Creek Township, Allen County, Indiana



LATITUDE: 41°44'26" N LONGITUDE: 85°10'17" W

GROSS LENGTH	0.698 MI.
NET LENGTH	0.694 MI.
MAXIMUM GRADE	4.0 %

HUC 041020030004

INDIANA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS DATED 2004
 TO BE USED WITH THESE PLANS



PRELIMINARY
 FOR REVIEW
 ONLY

PLANS Prepared by: ENGINEERING RESOURCES, INC.	DATE: 05/01/2015
DESIGNED BY: [blank]	PROJECT: 1801426
REVISIONS FOR LETTING: [blank]	DATE: [blank]
INDIANA DEPARTMENT OF TRANSPORTATION	

FINAL
 TRACINGS

DESIGNATION	1801426
DATE	05/01/15
PROJECT	1801426
CONTRACT	8-41299

UTILITIES

Communications: Contact: William Hubbard 700 Taylor St. Fort Wayne, IN 46803 Pk: (317) 430-5591 william_hubbard@comcast.com	Electric: AEF-Indiana Michigan Power Contact: Bill Moulton 3314 100th St New Haven, IN 46774 Pk: (260) 746-3074 btmoulton@aim.com
Communications: Contact: Jonnie Koczek 5800 W. Jefferson Blvd. Fort Wayne, IN 46804 Pk: (260) 463-3024 jckoczek@att.com	Gas: ISPGCO Contact: Dean Oatlett 831 89th Ave. Merrillville, IN 46410 Pk: (716) 697-3260 deanoatlett@ispco.com
Communications: Independent Fiber Network Contact: Sarah Emmer 11800 G Rd SW Naperville, IL 60563 Pk: (800) 634-4032 sarah@infnet.com	Sanitary Sewer & Water: Lee-DeVore Regional Sewer District Contact: Jim Lakin 12825 Clair St Lee, IN 46355 Pk: (260) 615-8577 Jllakin@ldevr.com
Communications: Zyn Berwick Contact: Wayne Higgins 625 East 1st Street Indianapolis, IN 46202 Pk: (317) 525-3011 wayne.higgins@zinc.com	Water: Power Water 14235 Riverside Road Lee, IN 46355 Contact: Gordon Lofley Pk: (260) 618-2260 powerwater@gmail.com
Communications: Mobicon Contact: Dwayne Goodwin 1001 N. Auburn Dr. Ft. Wayne, IN 46804 Pk: (260) 437-3015 dgoodwin@mobicon.com	

GENERAL NOTES

Work will not take place outside of the current project limits.

The International Dark-Sky Association (IDA) states that, to minimize the negative impacts of artificial lighting on wildlife, "lighting should only be on when needed, only light the area that needs it, be no brighter than necessary, minimize blue light emissions, (and) be fully shielded (pointing downwards)". The Division of Fish and Wildlife strongly encourages visiting the IDA's website to learn more about selecting lighting fixtures that minimize the harmful effects of lighting on humans and wildlife: <http://darksky.org/lighting/lighting-tips/>.

INDEX

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63	Layout
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68-72	Summary Tables
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REVISIONS

SHEET NO.	DATE	SUBJECT



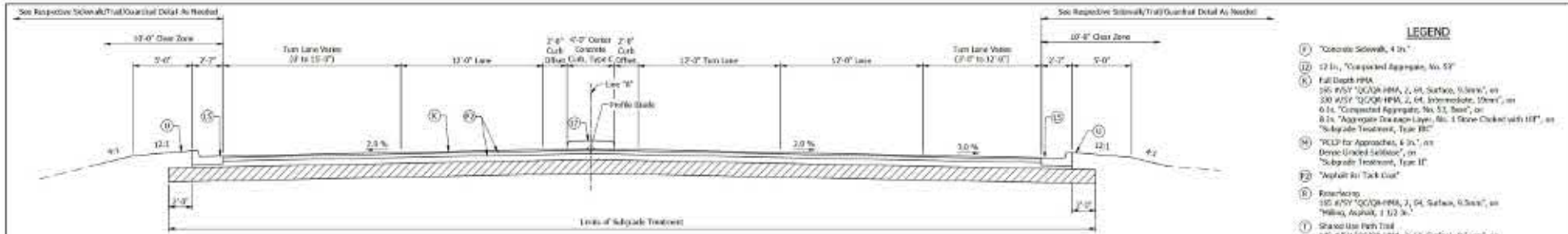
PRELIMINARY
FOR REVIEW
ONLY

APPROVED FOR APPROVAL		DATE
DRAWN BY	DRAMA_ZW	
CHECKED BY	CHARRIS_WSP	

INDIANA
DEPARTMENT OF TRANSPORTATION

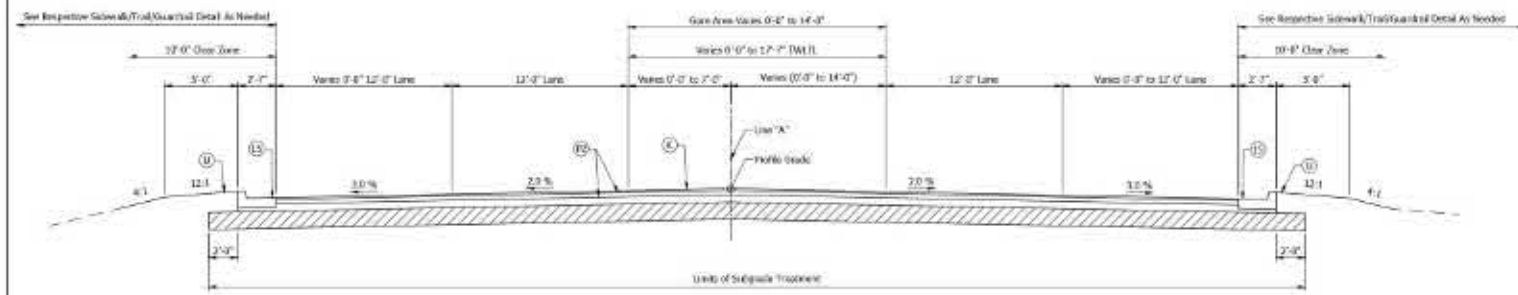
INDEX SHEET

SHEET NO.	2	OF 2	10
CONTRACT NO.	04-3-000	PROJECT NO.	04-11-000

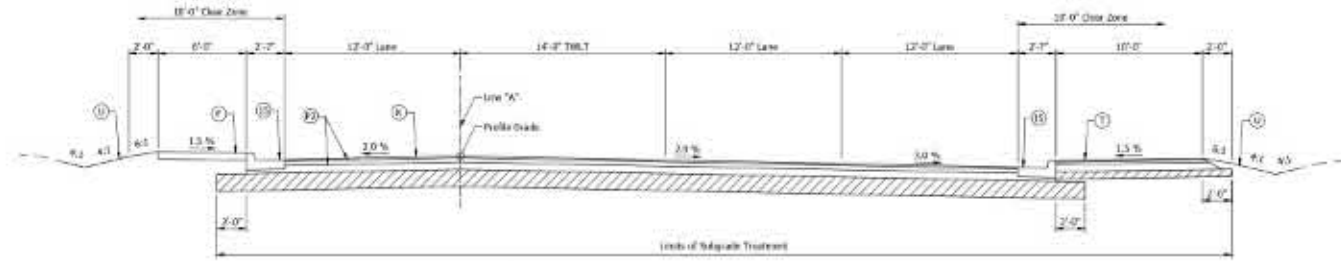


PROPOSED TYPICAL SECTION
 Scale: 1/4" = 1'-0"
 Sta. 50+75 to Sta. 505+79

- LEGEND**
- (1) Concrete Sidewalk, 4 in."
 - (2) 12 in. "Compacted Aggregate, No. 57"
 - (3) Full Depth HMA
 - (4) 200 ASY "GCOR HMA, 2 in. Surface, 0.5wt%", or 300 ASY "GCOR HMA, 2 in. Intermediate, 0.5wt%", or 0.1% "Compacted Aggregate, No. 57, Base", or 0.1% "Aggregate Disposal Layer, No. 1 Stone Colored with 10%", or "Subgrade Treatment, Type B"
 - (5) "GCLP for Approaches, 4 in.", or "Dense-Grained Subbase", or "Subgrade Treatment, Type D"
 - (6) "Asphalt Air Tack Coat"
 - (7) Reinforcing
 - (8) 100 ASY "GCOR HMA, 2 in. Surface, 0.5wt%", or "Yellow, Asphalt, 1 1/2 in."
 - (9) Shaded Use Park Trail
 - (10) 180 ASY "GCOR HMA, 2 in. Surface, 0.5wt%", or 200 ASY "GCOR HMA, 2 in. Intermediate, 0.5wt%", or 0.1% "Compacted Aggregate, No. 57, Base", or "Subgrade Treatment, Type B"
 - (11) "Welded Steels, 1"
 - (12) "Concrete Curb and Gutter"
 - (13) "Concrete Curb, Modified"
 - (14) "Center Curb, C. Concrete"
 - (15) "Sodding, Nursery"



PROPOSED TYPICAL SECTION
 Scale: 1/4" = 1'-0"
 Sta. 505+79 to Sta. 525+24
 Sta. 525+51 to Sta. 531+31
 Sta. 536+65 to Sta. 538+66



PROPOSED TYPICAL SECTION
 Scale: 1/4" = 1'-0"
 Sta. 525+24 to Sta. 528+51

Job No. 221 - 0000
 Project Name: 221-0000
 Date: 11/11/2020
 Scale: 1/4" = 1'-0"
 Drawing No.: 221-0000-001

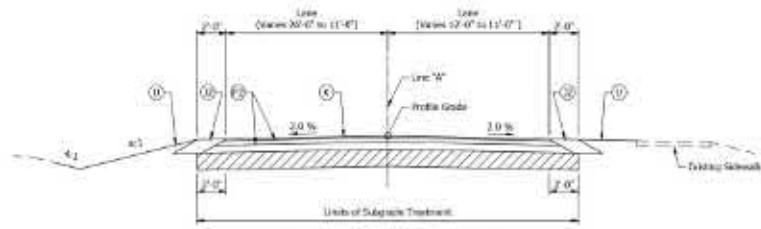


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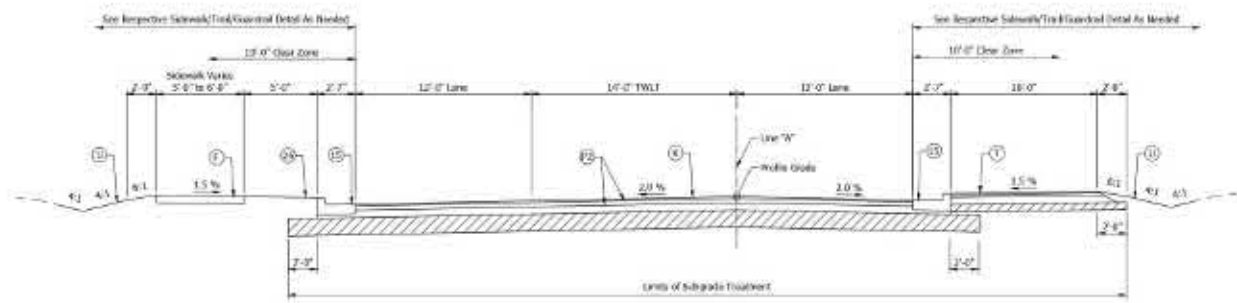
DESIGNED BY	DRAMA, BJA
CHECKED BY	SHARAD, JMB

INDIANA
 DEPARTMENT OF TRANSPORTATION
 TYPICAL CROSS SECTIONS

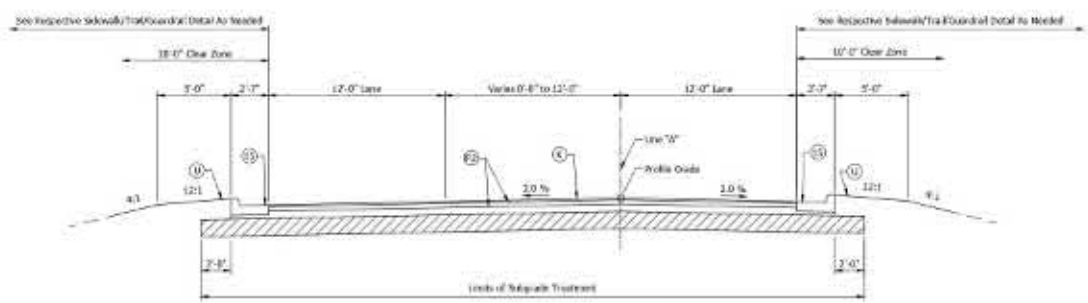
DATE	11/11/2020
DESIGNATION	221-0000-001
PROJECT	221-0000
CONTRACT	221-0000



PROPOSED INCIDENTAL SECTION
Scale: 1/8" = 1'-0"
Sta. 539+34 to 541+94



PROPOSED TYPICAL SECTION
Scale: 1/8" = 1'-0"
Sta. 531+31 to 536+45



PROPOSED TYPICAL SECTION
Scale: 1/8" = 1'-0"
Sta. 518+65 to 541+91

- LEGEND**
- ⑦ Concrete Sidewalk, 4 in.
 - ⑧ 12 in., Unseparated Aggregate, No. 57
 - ⑨ Full Depth PMA 100 4.5% "OCQA-PMA, 2, 4#, Surface, 8.5mm", on 100 4.5% "OCQA-PMA, 2, 4#, Intermediate, 19mm", on 8 in. "Compacted Aggregate, No. 53, Base", on 8 in. "Aggregate Orange Layer, No. 1 Stone Chipped with 10%", on "Subgrade Treatment, Type 3B"
 - ⑩ PCIP for Approaches, 12 in., on Dense Graded Subbase, on "Subgrade Treatment, Type 2"
 - ⑪ Asphalt for Tack Coat
 - ⑫ Reinforcing 100 4.5% "OCQA-PMA, 2, 4#, Surface, 8.5mm", on "Wearing Asphalt, 1.52 in."
 - ⑬ Bound the Path Trail 140 4.5% "OCQA-PMA, 2, 4#, Surface, 8.5mm", on 200 4.5% "OCQA-PMA, 2, 4#, Intermediate, 19mm", on 8 in. "Compacted Aggregate, No. 53, Base", on "Subgrade Treatment, Type 3B"
 - ⑭ Molded Slabbing, 0"
 - ⑮ Concrete Curb and Gutter
 - ⑯ Concrete Curb Modified
 - ⑰ Concrete Curb, C Concrete
 - ⑱ "Soaking, Moisture"

Job No. 221 - 0000
 Project Name: 221-0000
 Date: 10/15/2024
 Scale: 1/8" = 1'-0"
 Stationing: Sta. 518+65 to 541+91



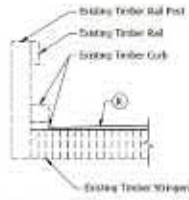
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APPROVED FOR OFFICIAL	DESIGNED BY	DATE
CHECKED BY	DRAWN BY	
CHANGS AD	CHANGS JMB	

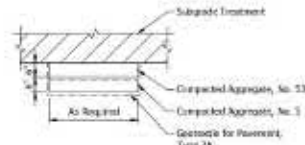
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

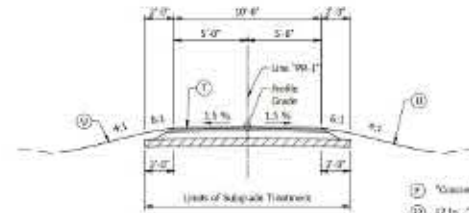
DATE	BY
10/15/2024	JMB
REVISION	DESCRIPTION
1	ISSUED
2	REVISED
3	REVISED
4	REVISED
CONTRACT	PROJECT
9-0209	101108



BRIDGE RESURFACING SECTION DETAIL
 Scale: 1/2" = 1'-0"
 Sta. 520+62 Rt. to Sta. 521+68 Rt.
 Sta. 521+81 Lt. to Sta. 522+27 Lt.

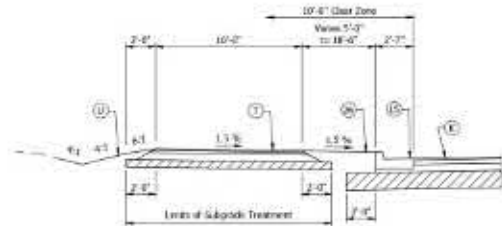


SUBGRADE IMPROVEMENT DETAIL
 Scale: 1/2" = 1'-0"

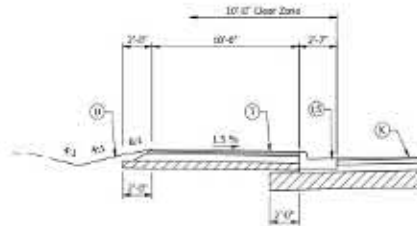


PROPOSED TYPICAL TRAIL SECTION
 Scale: 3/4" = 1'-0"
 Sta. 9+62 to Sta. 14+55, Line 79R-1"

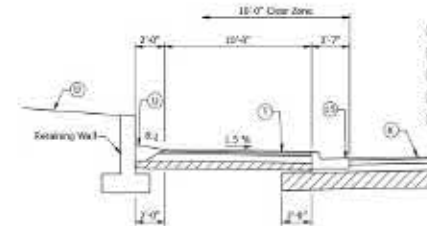
- LEGEND**
- ① "Concrete Sidewalk, 4 1/2"
 - ② 12 In. "Compacted Aggregate, No. 53"
 - ③ Full Depth HMA
 - ④ 200 #SY "OCQA HMA, 2, 04, Surface, 0.5mm", on 3.0" #57 "ICQA HMA, 2, 04, Intermediate, 0.8mm", on 6.0" "Compacted Aggregate, No. 53, Base", on 6.0" "Aggregate Drainage Layer, No. 1 Stone Cleared with 10", on "Subgrade Treatment, Type 1B"
 - ⑤ "Asphalt for Tack Coat"
 - ⑥ Resurfacing
 - ⑦ 200 #SY "OCQA HMA, 2, 04, Surface, 0.5mm", on "Filling, Asphalt, 1 1/2 In."
 - ⑧ Shaded Use Path Top
 - ⑨ 180 #SY "OCQA HMA, 2, 04, Surface, 0.5mm", on 2.0" #57 "ICQA HMA, 2, 04, Intermediate, 0.8mm", on 6.0" "Compacted Aggregate, No. 53, Base", on "Subgrade Treatment, Type 1B"
 - ⑩ "Washed Sanding, 1"
 - ⑪ "Concrete Curb and Outlet"
 - ⑫ "Concrete Curb, Modified"
 - ⑬ "Sloping, Herring"
 - ⑭ "Reinforced Riprap"



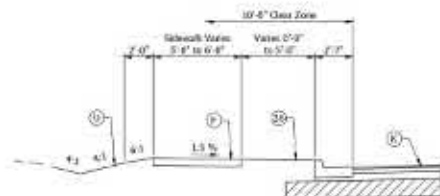
TRAIL
 Scale: 1/4" = 1'-0"
 Sta. 509+29 to Sta. 514+61 Lt.
 Sta. 518+41 to Sta. 523+09 Lt.



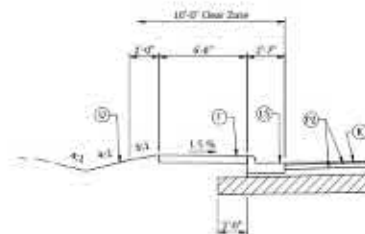
CURB FACE TRAIL
 Scale: 1/4" = 1'-0"
 Sta. 509+20 to Sta. 509+79 Lt.
 Sta. 514+61 to Sta. 516+14 Lt.
 Sta. 523+59 to Sta. 525+21 Lt.
 Sta. 528+08 to Sta. 528+66 Rt.
 Rt. Side Mirrored



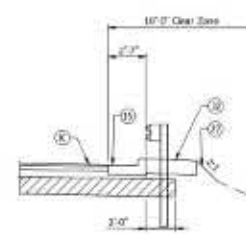
CURB FACE TRAIL W/RETAINING WALL
 Scale: 1/4" = 1'-0"
 Sta. 516+14 to Sta. 518+50 Lt.



SIDEWALK
 Scale: 1/4" = 1'-0"
 Sta. 528+67 to Sta. 533+25 Lt.



CURB FACE WALK
 Scale: 1/4" = 1'-0"
 Sta. 533+25 to Sta. 538+62 Lt.
 Sta. 505+67 to Sta. 513+65 Rt.
 Rt. Side Mirrored



GUARDRAIL SECTION
 Scale: 1/4" = 1'-0"
 Sta. 515+46 to Sta. 520+28 Rt.



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APPROVED FOR APPROVAL	DESIGNED BY	DATE
CHECKED BY	DRAWN BY	
CHECKED AS	CHECKED JMS	

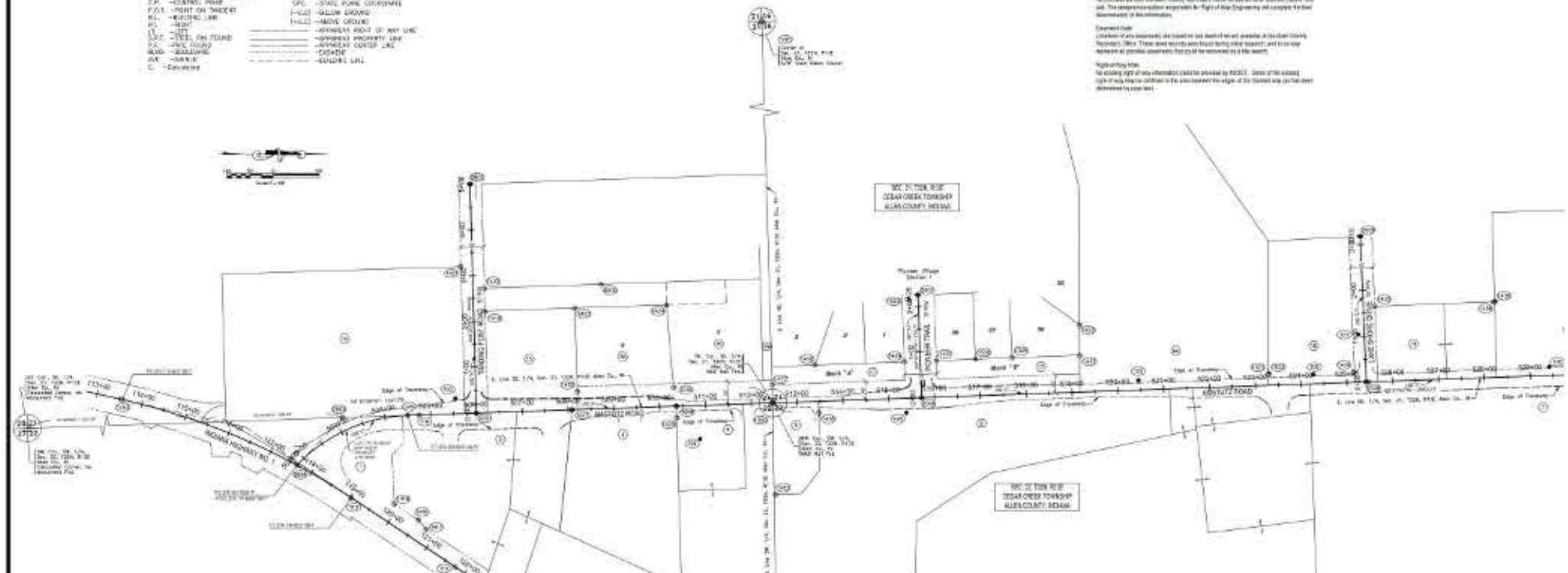
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

DATE	1/4" = 1'-0"
DESIGNATION	MS100A
SHEET	3 OF 7
CONTRACT	9-0209
PROJECT	101100

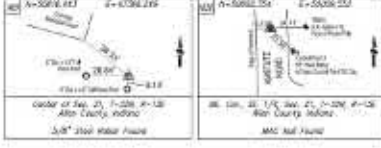
LEGEND

Legend table with symbols for survey points, lines, and features. Includes symbols for survey points (APX, STA, PVP), property lines, control points, and various line types like utility, fence, and boundary lines.

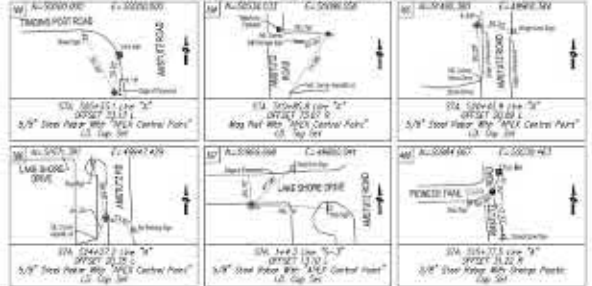


Right of Way Rule
The survey right of way line...
Eminent Domain
Portions of this easement are located on land owned or controlled by the State of Indiana...

SECTION CORNER WITNESSES



CONTROL POINT WITNESSES



OWNSHIP TABLE

Table listing adjacent property owners, their addresses, and contact information. Includes names like Great Park, Red Lake, LLC, and others.

APEX Consulting & Surveying

APEX Consulting & Surveying
112 W. BRACKENRIDGE STREET
FORT WAYNE, IN 46802
PH: (260) 755-3953
FAX: (260) 808-6117



FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS ACCURATE ACCORDING TO THE PROVISIONS OF TITLE 36, § 1-2-1-20...



APPROVAL UNDER THE PROVISIONS OF INDIANA... REASONABLE CARE TO PREVENT ERROR, LOSS OR DESTRUCTION OF THIS DOCUMENT UNLESS REQUIRED BY LAW.
Prepared by: Nance A. Oyster
INDIANA REGISTERED LAND SURVEYOR NO. 210000102

LOCATION CONTROL ROUTE SURVEY

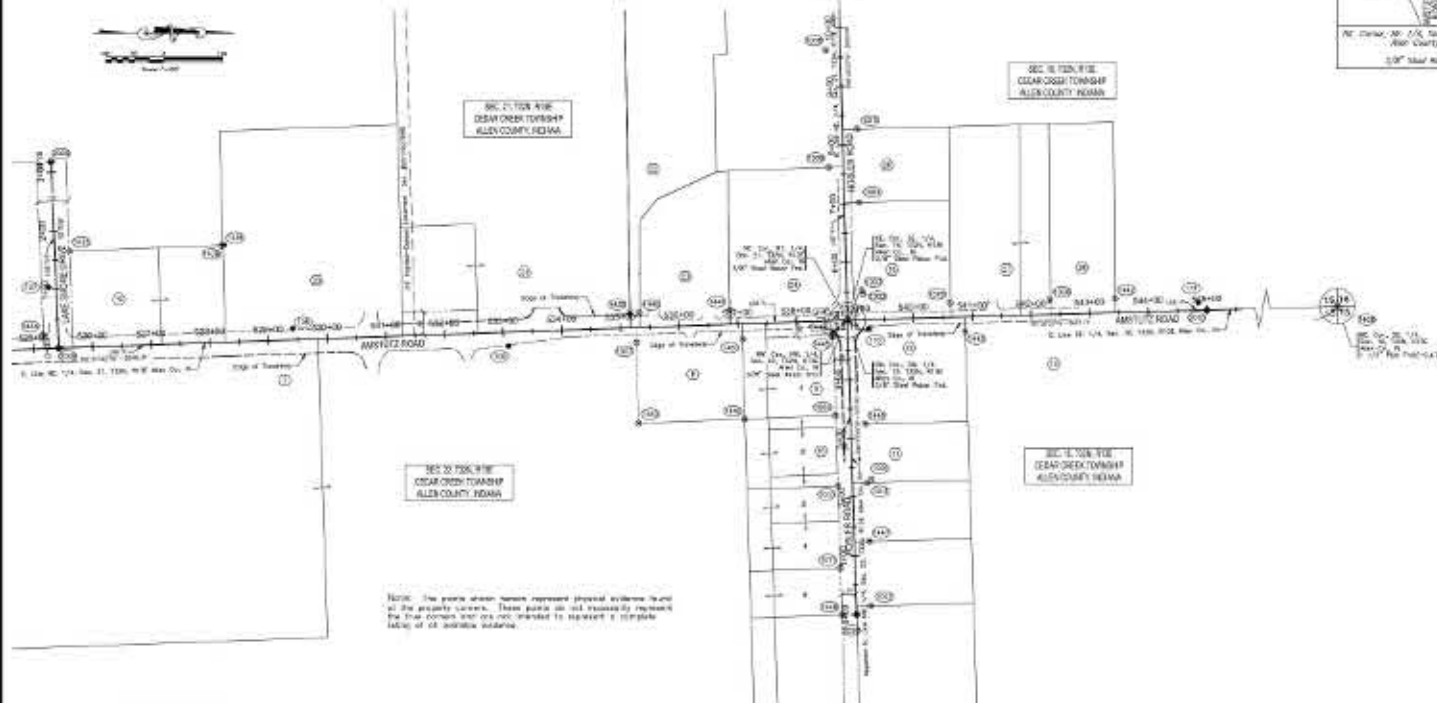
AMSTUTZ ROAD
PARTS OF SECTIONS 15, 16, 21 AND 22
TOWNSHIP 22 NORTH, RANGE 13 EAST, ALLEN COUNTY, INDIANA

HORIZONTAL SCALE

Table with columns for horizontal scale, county, north arrow, and contact information.

LEGEND

ADJ. - ADJACENT	P - PLATTED
CON. - CONTIGUOUS	U - UNPLATTED
N/W - NORTH WEST CORNER	M - METERS
N/E - NORTH EAST CORNER	DOC - DOCUMENT
O.A. - ORIGINAL SURVEY	SPC. - STAKE PLACEMENT COORDINATE
P.O.T. - POINT OF TANGENCY	E+0.00 - BELOW GRADE
AL - ALLIANCE LINE	-0.00 - ABOVE GRADE
RF - RIGHT OF WAY	APP. - APPARENT
LI - LOT	APPR. - APPARENT
S.O.F. - SIDE OF FACE	APPR. - APPARENT
PL - PLATTED	APPR. - APPARENT
R.O.D. - ROAD	APPR. - APPARENT
AVL - AVENUE	APPR. - APPARENT
C - CURVED	APPR. - APPARENT



NOTE: The points shown herein represent physical evidence found at the property corners. These points do not necessarily represent the true corners and are not intended to represent a complete listing of available evidence.

SECTION CORNER WITNESSES



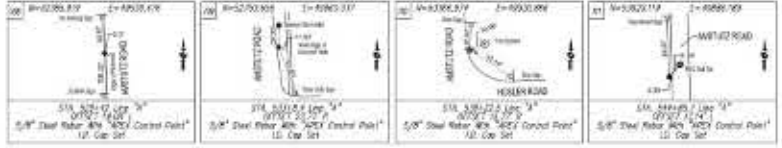
**VICINITY MAP
NOT TO SCALE**



OWNERSHIP TABLE

Section	Area	Property Owner - Document No.
21	28	Hessley, Irma L. & Gary L. - Doc. #00060282
21	21	Central Church, Inc. - Doc. #007029798
21	22	Coner, Paul M. & Nancy L. - Doc. #003018020
21	23	Hessley, Gary M. & Suzanne M. - Doc. #001202111
21	24	Clark, Rufus John - Doc. #001041422
21	25	Olson, Edward A. & Thelma E. - Doc. #000203097
21	26	Hessley, James W. & Irene L. - Doc. #001202111
21	27	East Allen High School Building Corporation - Doc. #007029798
21	28	Wesley, Reynolds L. - Doc. #001040704
21	29	Barnes, Patricia A. & Courtney A. - Doc. #001040704
21	16	Ott, Cynthia A. - Doc. #000404718
21	17	Hessley, David B. & Susan L. - Doc. #001202111
21	18	Wesley, Paul E. & Nancy E. - Doc. #001040704
21	19	The Town of East Columbia, Indiana - Doc. #031005047
21	20	Lawrence, Buddy D. & Julie A. - Doc. #001040704
21	18	Schuler, Donald A. & Susan B. - Doc. #000404718

CONTROL POINT WITNESSES



Right of Way Note:
The boundary lines shown hereon, based on existing data and recorded information shown in the plat for reference and subject to change based on a vertical re-orientation of all. This information is provided to help in the case of this plat and if needed, approved corrections should not be made to existing survey data or monuments shown. The survey and all plat boundaries shown hereon are based on the data as shown and not on any other data or plat. The complete recorded information of this survey is on file with the office of the Surveyor General, State of Indiana.

Disclaimer Note:
I warrant that the information shown on this plat is based on the best information available to me and that I am not responsible for any errors or omissions in this plat. I warrant that the information shown on this plat is based on the best information available to me and that I am not responsible for any errors or omissions in this plat.

APEX Consulting & Surveying
 413 W. BRACKENRIDGE STREET
 FORT WAYNE, IN 46802
 PH: (260) 755-5863
 FAX: (260) 394-4117
 E-MAIL: info@apexsurveying.com



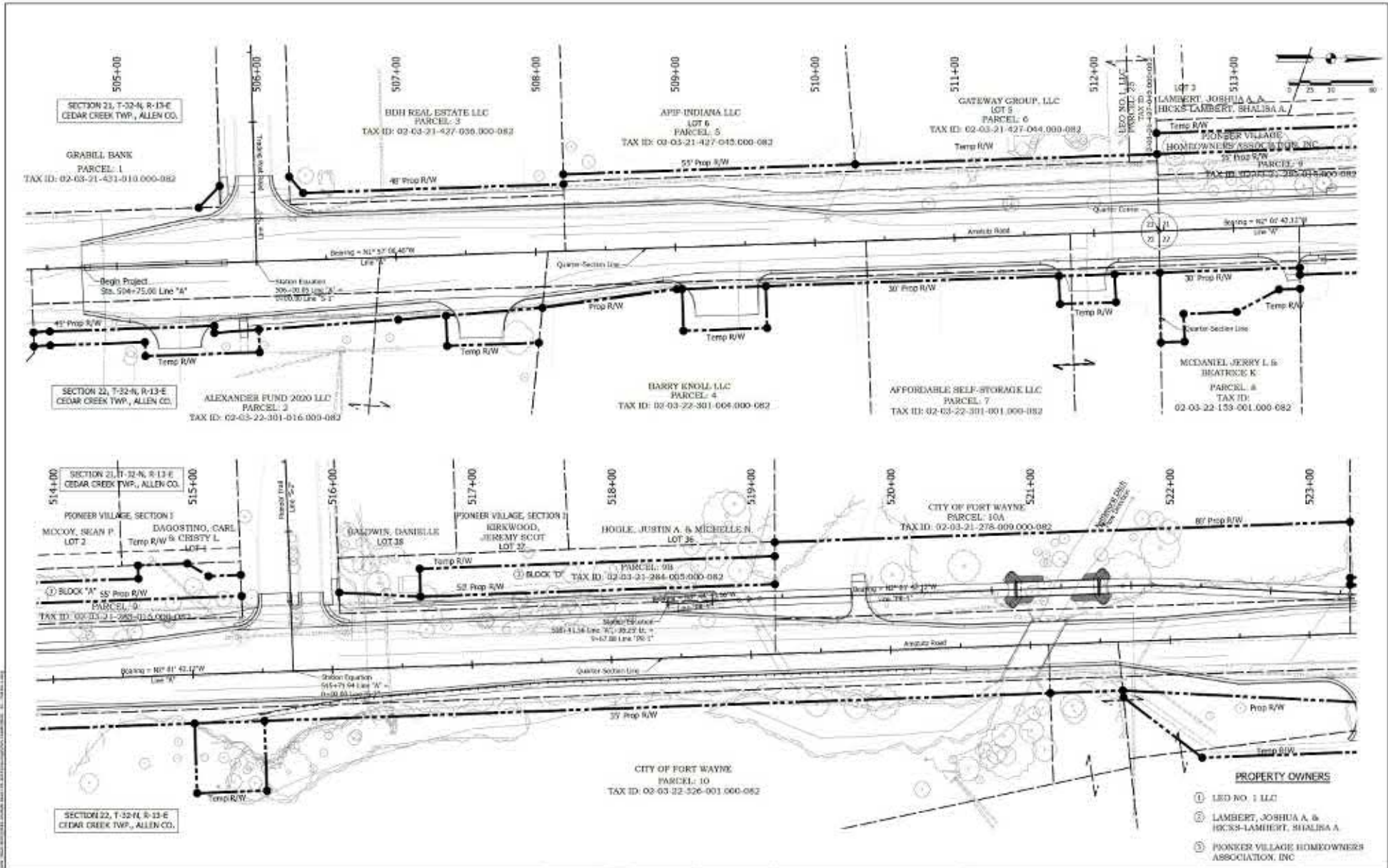
FIELD SURVEYOR STATEMENT
 I AM SURVEYOR TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE PROVISIONS OF TITLE 36, I.C. 36-2-2 THROUGH 36-2-12 AND THE PROVISIONS OF THE SURVEYING ACT AND THAT MY DATA SHOWS THAT THE LOCATION OF THE BOUNDARY LINES IS NOT A PART OF THIS SURVEY.



Prepared by: *Maria A. Opitz*
 INDIANA RECORDS PERMITS LAND SURVEYOR NO. 21200012
 REGISTERED LAND SURVEYOR FIELD
 12/17/2019 DATE

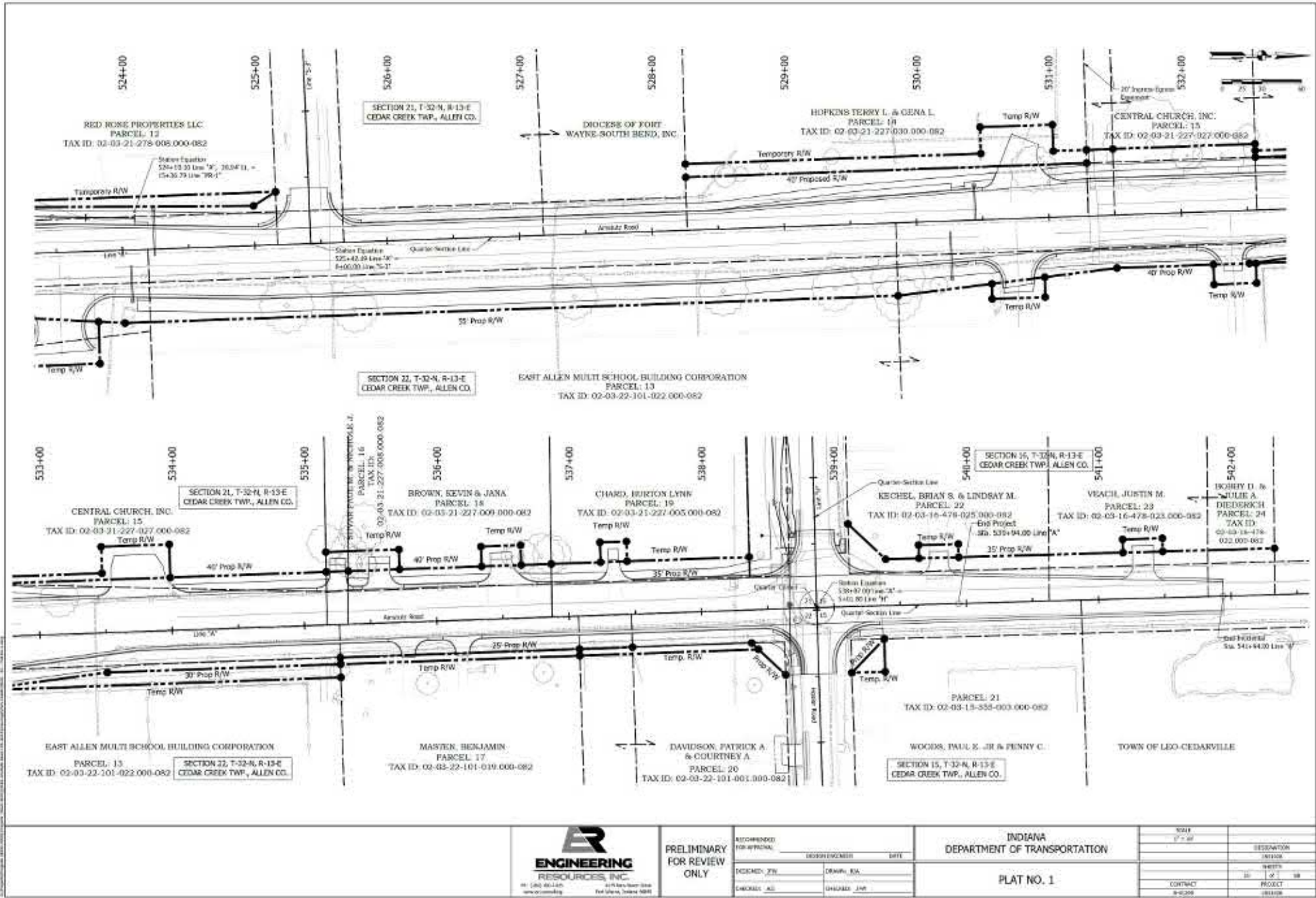
LOCATION CONTROL ROUTE SURVEY
 PART OF SECTIONS 16, 17, 18 AND 19
 TOWNSHIP 36 NORTH, RANGE 12 EAST, ALLEN COUNTY, INDIANA

TOWNSHIP	36 NORTH
RANGE	12 EAST
COUNTY	ALLEN
STATE	INDIANA



- PROPERTY OWNERS**
- ① LED NO. 1 LLC
 - ② LAMBERT, JOSHUA A. & HICKS-LAMBERT, SHALIBA A.
 - ③ PIONEER VILLAGE HOMEOWNERS ASSOCIATION, INC

<p>ENGINEERING RESOURCES, INC. 3175 S. State Street Fort Wayne, Indiana 46825</p>	<p>PRELIMINARY FOR REVIEW ONLY</p>	<p>APPROVED FOR APPROVAL</p>		<p>INDIANA DEPARTMENT OF TRANSPORTATION</p>		<p>PLAT NO. 1</p>	
		<p>DRAWN BY: JIN</p>	<p>CHECKED BY: AD</p>	<p>DATE</p>	<p>DATE</p>		
						<p>CONTRACT NO. 2009</p>	
						<p>PROJECT NO. 2011008</p>	



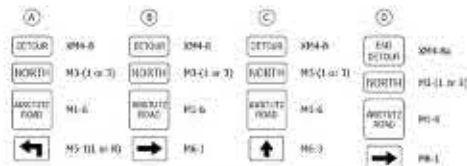
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APPROVED FOR APPROVAL	DESIGNED BY	DATE
CHECKED BY	DRAWN BY	
CHECKED AS	CHANGED BY	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

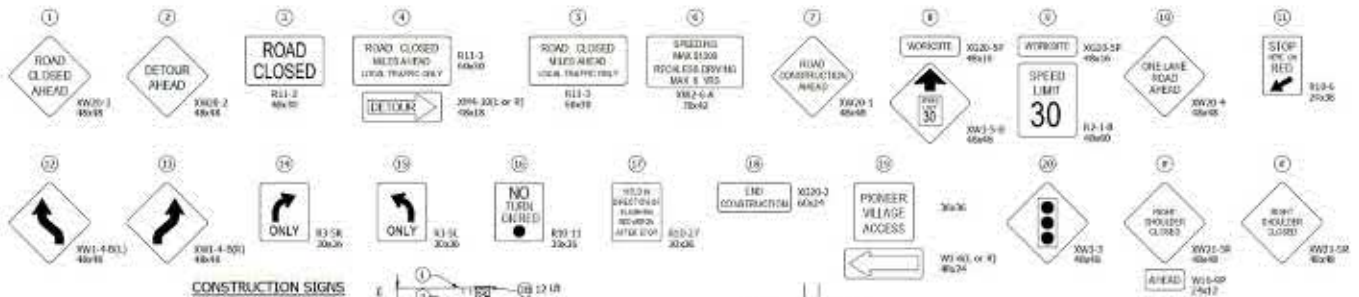
SCALE	1" = 40'	REVISION	
CONTRACT	9-0209	DATE	08/11/09
PROJECT		BY	JR
		NO.	10



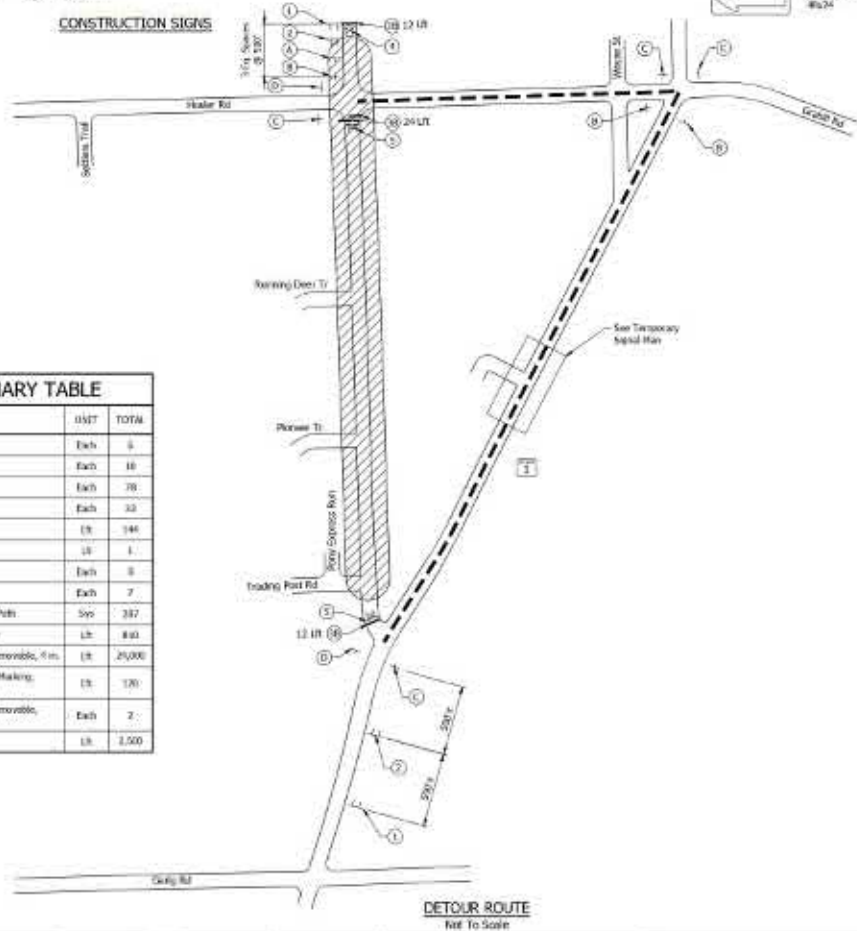
DETOUR ROUTE MARKER ASSEMBLIES

SYMBOL	DESCRIPTION	NUMBER	TYPE	QTY.
1	Road Closed Ahead	XW20-3	A	5
2	Detour Ahead	XW20-2	A	2
3	Road Closure Sign Assembly w/ "Road Closed" Sign	R11-2	**	3
4	Road Closure Sign Assembly w/ "Road Closed, Local Traffic Only" and "Detour" Sign	R11-1, XW4-10(L or R)	**	1
5	Road Closure Sign Assembly w/ "Road Closed, Local Traffic Only" Sign	R11-3	**	2
6	Speeding, Max 10000, Reduced Driving, Max 5 Tps	XW2-6-A	A	6
7	Road Construction Ahead	XW20-1	A	5
8	Worksite Plaque/ Reduced Speed Advance Warning Sign	XW20-5P	B	4
9	Worksite Plaque/ Speed Limit 30 mph	XW20-5P	B	5
10	One Lane Road Ahead	XW20-4	A	5
11	Stop Here on Red	R10-4	A	3
12	Left Handing Curve, One Lane	XW1-4-RL1	A	3
13	Right Handing Curve, One Lane	XW1-4-RR1	A	4
14	Right Turn Only	R13-3B	A	2
15	Left Turn Only	R13-3A	A	2
16	No Turn On Red	R13-11	A	3
17	Aid in Direction of Backing out Area After Stop	R13-27	A	3
18	End Construction	XW20-2	A	5
19	Reverse Village Access/ One Directional Lane	W1-4(L or R)	A	1
20	Signal Ahead	XW3-3	A	2
21	Right Shoulder Closed Ahead	XW20-9R	A	1
22	Right Shoulder Closed	XW3-4	A	2
A	Advanced Turn Detour Route Marker Assembly	XW4-8, PG-1(L or R), R11-3, PG-1(L or R)	**	1
B	Directional Detour Route Marker Assembly	XW4-8, PG-1(L or R), R11-3, PG-3	**	3
C	Confirming Detour Route Marker Assembly	XW4-8, PG-1(L or R), R11-3, PG-3	**	4
D	End Detour Route Marker Assembly	XW4-8a, PG-1(L or R), R11-3, PG-1(L or R)	**	2
E	Standard Barricade 12-B		**	144 LFT

** Included in quantities other than Construction Signs, Type A, B, or C.



CONSTRUCTION SIGNS



ITEM	QTY	TOTAL
Road Closure Sign Assembly	Each	5
Detour Route Marker Assembly	Each	10
Construction Signs, Type A	Each	70
Construction Signs, Type B	Each	33
Baricade, 12-B	Lf	144
Temporary Portable Signal	Lf	1
Temporary Lane Ramp	Each	3
Driveway Assistance Device	Each	7
Temporary Accessible Pedestrian Path	Sq	337
Temporary Pedestrian Channelizer	Lf	830
Temporary Pavement Marking, Removable, 4 in.	Lf	25,000
Temporary Transverse Pavement Marking, Removable, 24 in.	Lf	130
Temporary Pavement Marking, Removable, Lane Indication Area	Each	2
Line Removal	Lf	1,500



DETOUR ROUTE
Not To Scale

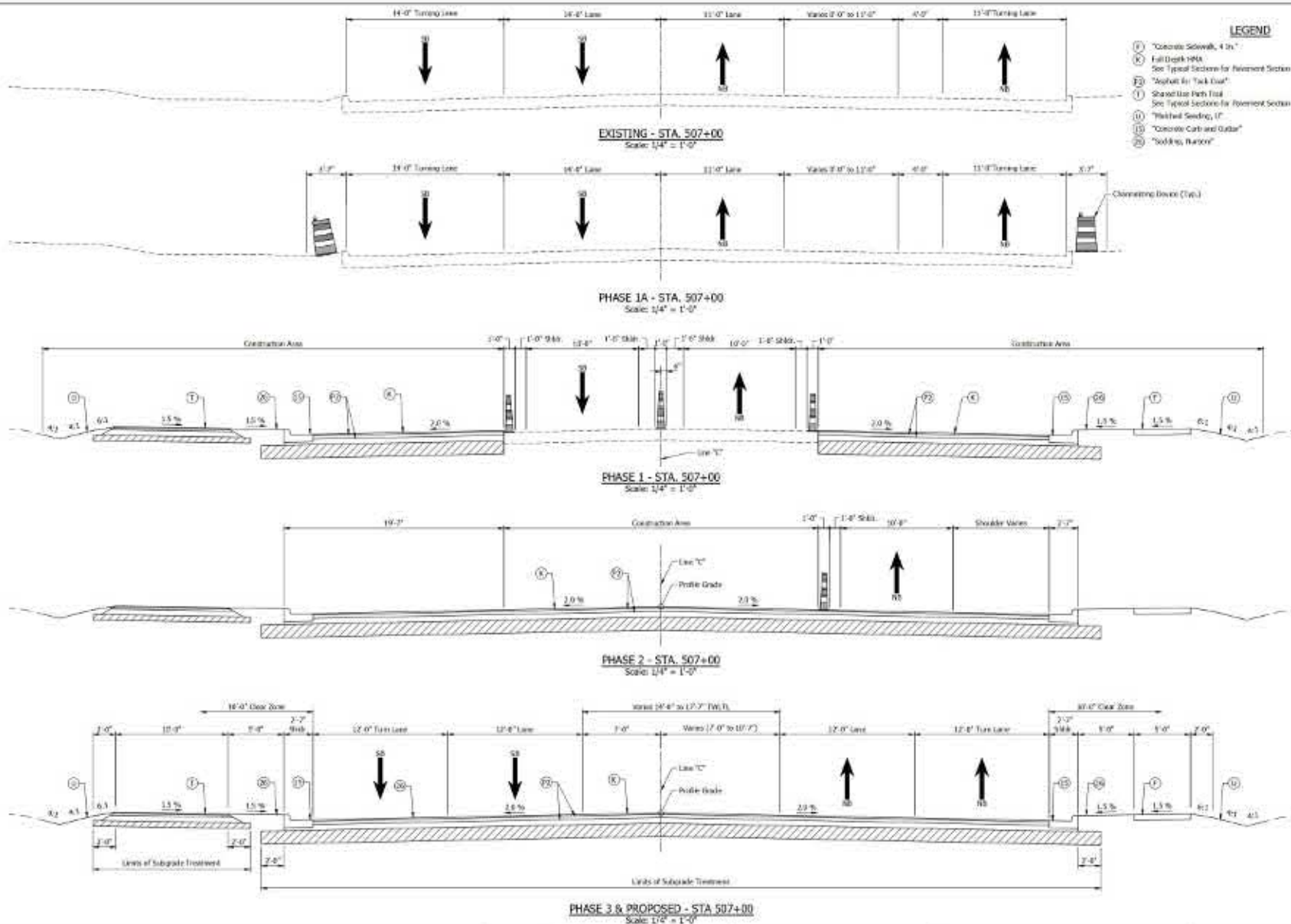
NOTES
Maintain Drive Access During Construction.



PRELIMINARY FOR REVIEW ONLY
 APPROVED FOR APPROVAL: _____ DATE: _____
 CHECKED: JMA, DRAWN: JMA
 CHECKED: JFW, DRAWN: JFW

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC DETOUR

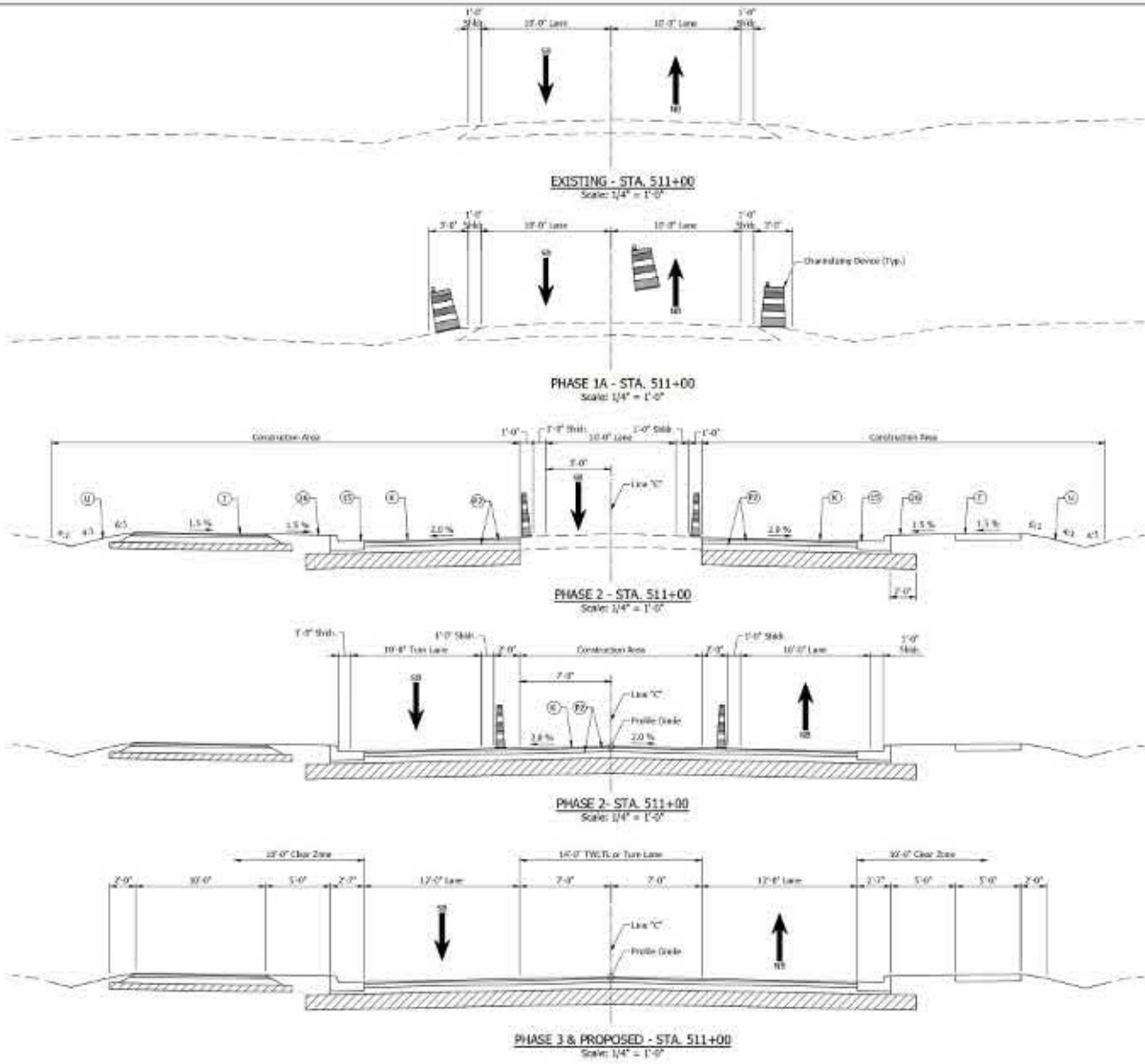
SCALE	AS SHOWN	DESIGNATION	00100A
DATE	11/15/11	SHEET	13 OF 18
CONTRACT	9-1009	PROJECT	00100B



- LEGEND**
- ① Concrete Sidewalk, 4 in.
 - ② Full Depth PMS
 - ③ See Typical Section for Reinforcement Section
 - ④ Asphalt for Truck Queue
 - ⑤ Shoulder High End
 - ⑥ See Typical Section for Reinforcement Section
 - ⑦ Bitchill Sealing, 1"
 - ⑧ Concrete Curb and Gutter
 - ⑨ "locking, horizontal"

<p>ENGINEERING RESOURCES, INC. 11750 N. Meridian Road Meridian, IN 46351</p>	<p>PRELIMINARY FOR REVIEW ONLY</p>	<p>APPROVED FOR APPROVAL</p> <p>DESIGNED BY: _____ DATE: _____</p> <p>CHECKED BY: _____ DRAWN BY: _____</p> <p>CHARLES JW. CHARLES JWB</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</p>	<p>DATE: 1/17/17</p> <p>DESIGNATION: M1100A</p> <p>SHEET: 12 OF 18</p> <p>CONTRACT: 9-0209</p> <p>PROJECT: 1011008</p>

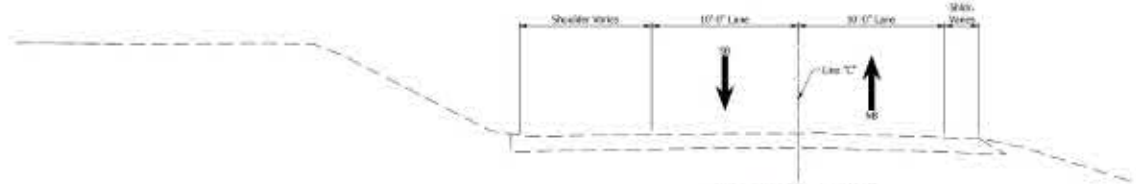
Job No. 16-021 - 0000
 Project Name: 16-021 - 0000 - MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
 Date: 1/17/17



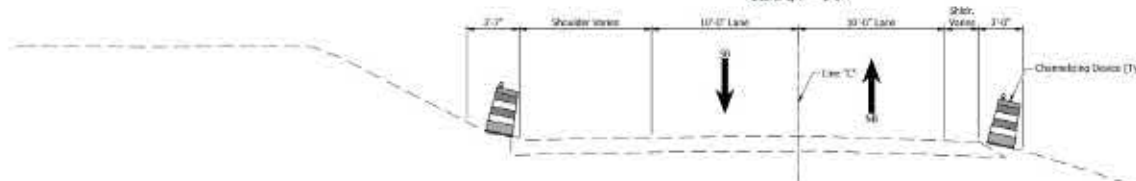
- LEGEND**
- ① "Concrete Sawcuts, 4 in."
 - Ⓚ Full Depth IPA
See Typical Section for Pavement Section
 - Ⓜ "Asphalt for Tack Coat"
 - Ⓣ Shovel User Path Tool
See Typical Section for Pavement Section
 - Ⓤ "Finished Seeding, 1"
 - Ⓜ "Concrete Curbs and Gables"
 - Ⓢ "Sloping, Runway"

Job No. 2021-0006
 Project Name: I-65 Interchange Reconstruction at I-240 Interchange
 Drawing Title: MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

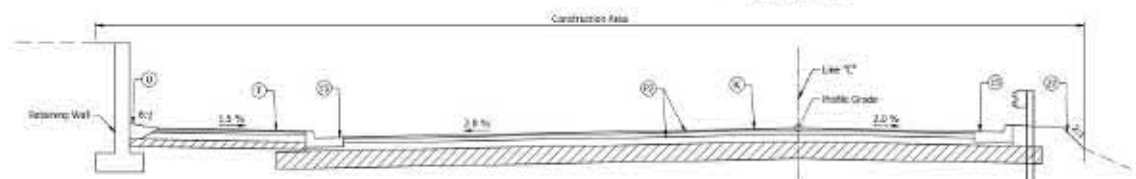
 ENGINEERING RESOURCES, INC. 4175 West North Street Fort Collins, Colorado 80501 Tel: (970) 461-1100 www.eri-inc.com	PRELIMINARY FOR REVIEW ONLY	APPROVED FOR APPROVAL _____ DATE _____ DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ SHARED BY: _____	INDIANA DEPARTMENT OF TRANSPORTATION	SHEET 147 - 147
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	DESIGNATION 147-147	
			CONTRACT I-65-2021	
			PROJECT I-65-2021	



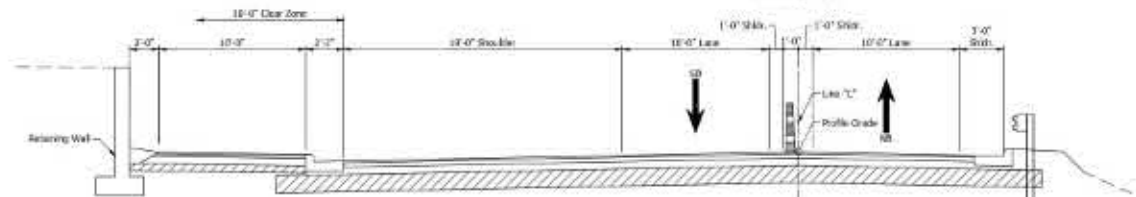
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Scale: 1/4" = 1'-0"



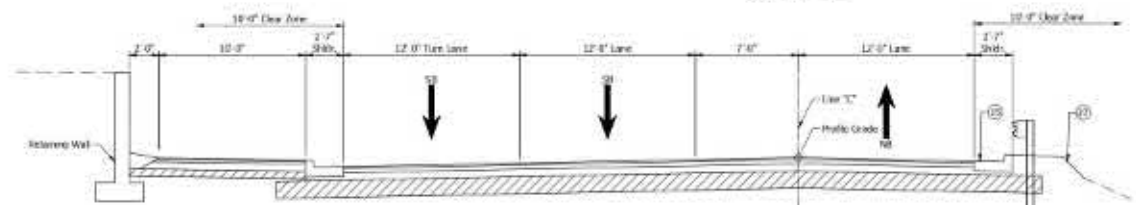
EXISTING - STA. 518+00
Scale: 1/4" = 1'-0"



PHASE 1 - STA. 518+00
Scale: 1/4" = 1'-0"



PHASE 2 - STA. 518+00
Scale: 1/4" = 1'-0"



PHASE 3 & PROPOSED - STA. 518+00
Scale: 1/4" = 1'-0"

- LEGEND**
- ① Full Depth HMA
See Typical Sections for Pavement Section
 - ② "Newall" for Truck Curb
See Typical Sections for Pavement Section
 - ③ "Newall" for Park Tool
See Typical Sections for Pavement Section
 - ④ "Wheeled Section, 1/2"
 - ⑤ "Concrete Curb and Gutter"
 - ⑥ "Reinforced Riprap"

Job No. 2021-00000
 Project Name: 2021-00000
 Date: 10/15/2021
 Scale: 1/4" = 1'-0"


ENGINEERING
RESOURCES, INC.
 11111 N. Meridian Street
 Indianapolis, IN 46220
 Phone: (317) 552-1111
 Fax: (317) 552-1111
 www.ersinc.com

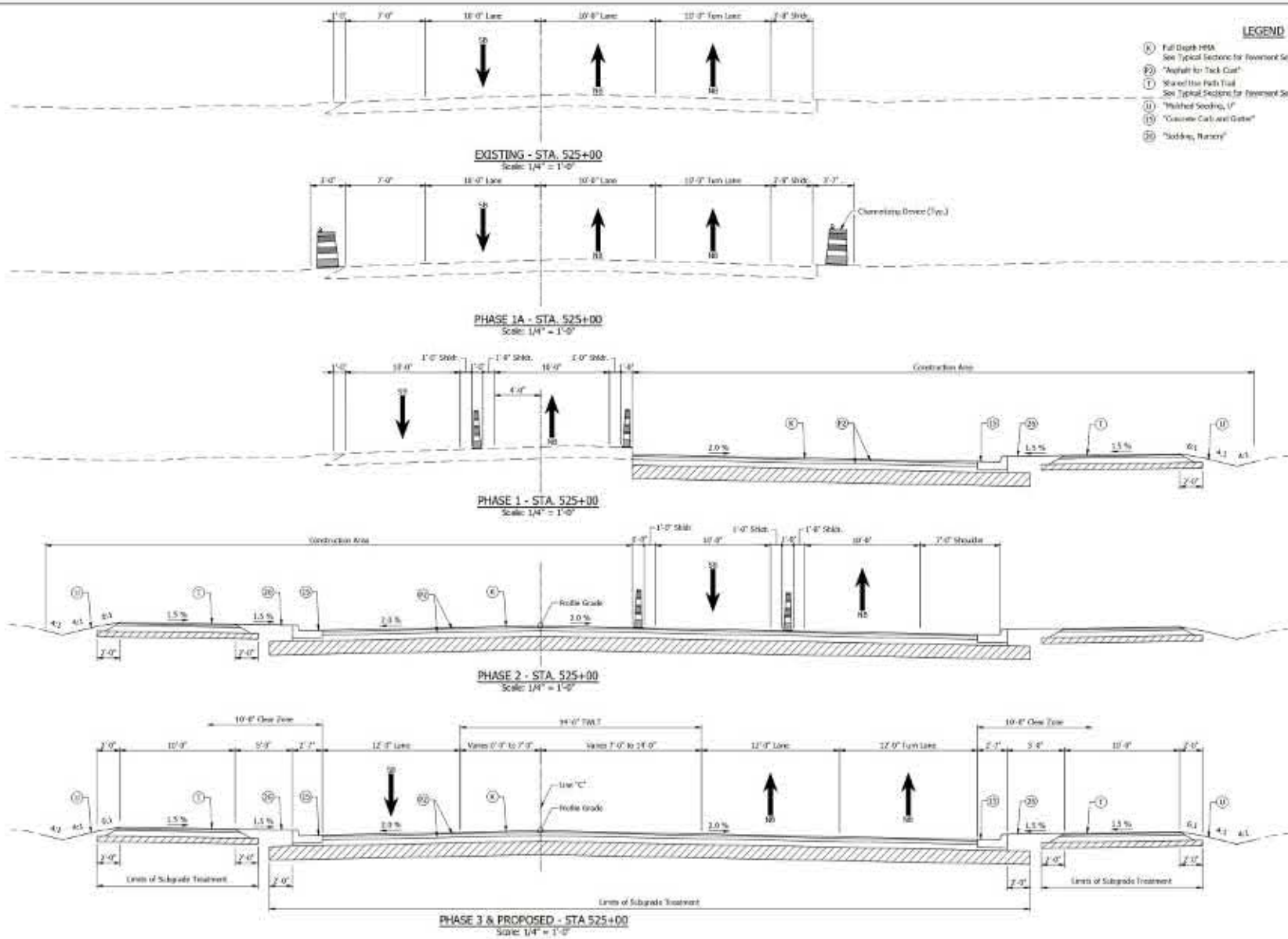
PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY:	DRAWN BY:
CHECKED BY:	DATE:

INDIANA
 DEPARTMENT OF TRANSPORTATION

 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE	1/4" = 1'-0"
DESIGNATION	MS100A
DATE	10/15/21
CONTRACT	9-0209
PROJECT	101100



Job No. 2021-00000
 Date: 08/11/2021
 Scale: 1/4" = 1'-0"
 Project: MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - STA. 525+00



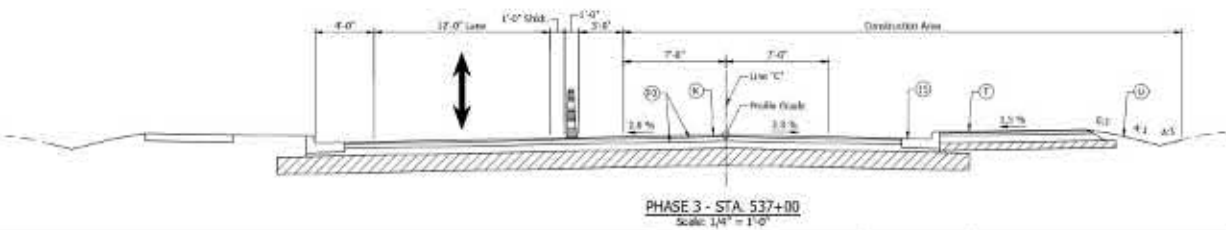
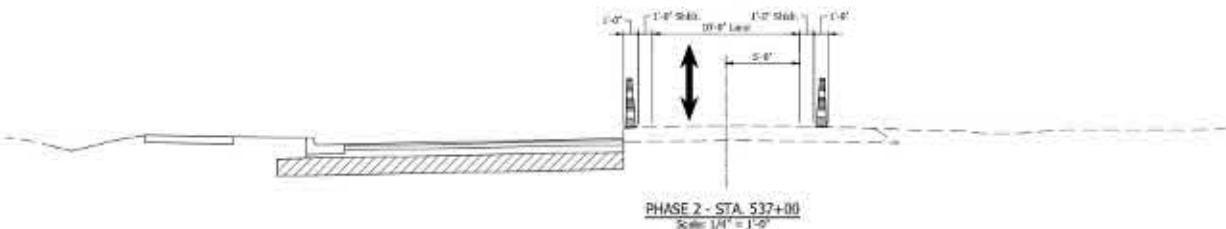
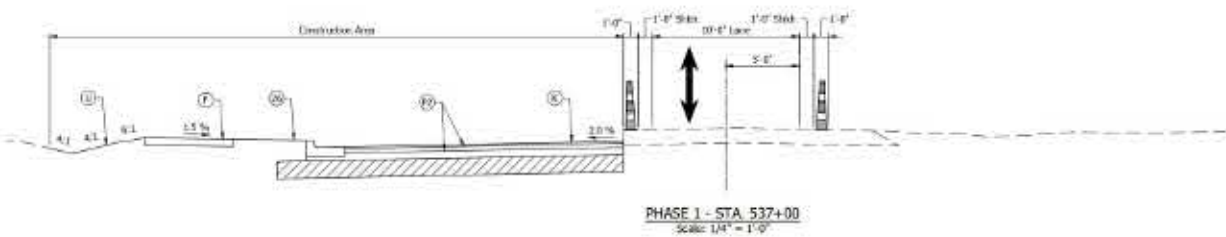
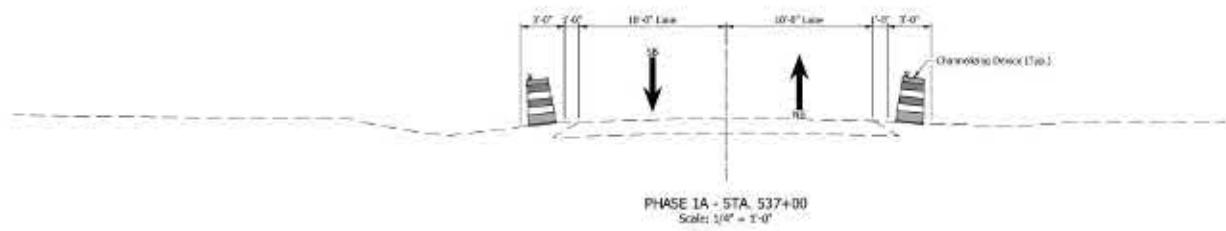
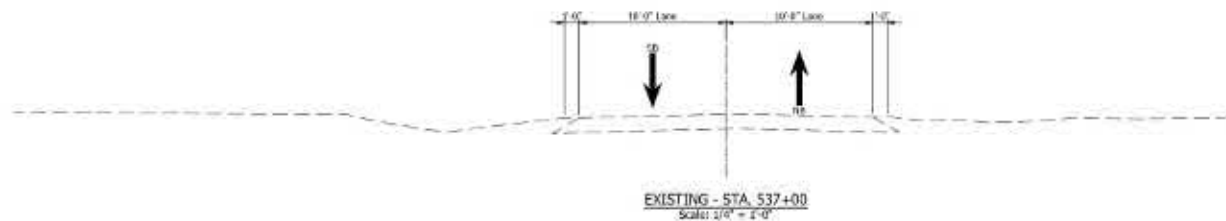
PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY:	DRAWN BY:
CHECKED BY:	CHECKED JMB

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

DATE	1/4" = 1'-0"
DESIGNATION	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
CONTRACT	9-0-200
PROJECT	001100



- LEGEND**
- (1) "Concrete Sidewalk, 4 in."
 - (2) Full Depth PMS
See Typical Section for Reinforcement Section
 - (3) "Asphalt for Truck Guard"
 - (4) Shovel-able High Limit
See Typical Section for Reinforcement Section
 - (5) "Blacktop Sealing, 1"
 - (6) "Concrete Curb and Gutter"
 - (7) "Sloping, Runoff"

Job No. 2021-00000
 Project Name: 2021-00000
 Date: 08/11/2021
 Scale: 1/4" = 1'-0"

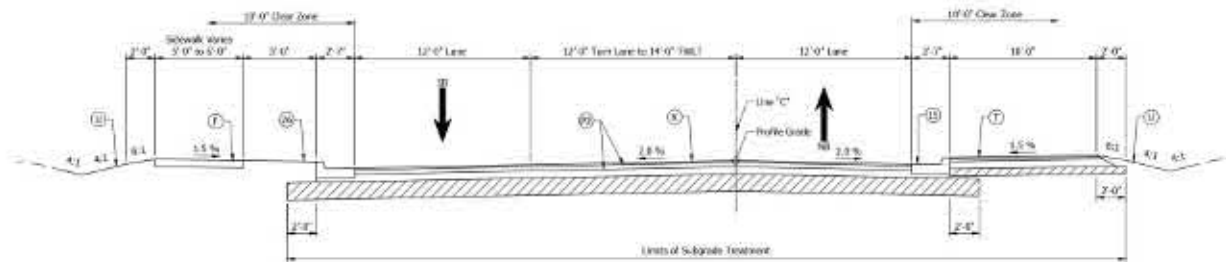

ENGINEERING
RESOURCES, INC.
 4175 West Main Street
 Fort Wayne, Indiana 46834

PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:
CHOKORAL JW	CHOKORAL JW		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

DATE	2/17/21
DESIGNATION	MAINT
PROJECT	2021-00000
CONTRACT	2021-00000



PROPOSED TYPICAL SECTION
 Scale: 1/4" = 1'-0"
 Sta. 536+48 to 538+66

- LEGEND**
- (1) "Concrete Sidewalk, 4 in."
 - (2) Full Depth PMS
 - (3) See Typical Sections for Reinforcement Section
 - (4) "Asphalt for Truck Guard"
 - (5) "Asphalt for Truck Guard"
 - (6) "Shoulder Base with Topsoil"
 - (7) See Typical Sections for Reinforcement Section
 - (8) "Blacktop Sealing, 1/2"
 - (9) "Concrete Curb and Gutter"
 - (10) "Soaking, 1/2"

Job No. 2021-000000
 Project Name: 2021-000000
 Date: 10/15/2021
 Time: 10:15:00 AM
 User: J:\Users\j\Documents\2021-000000\2021-000000.dwg

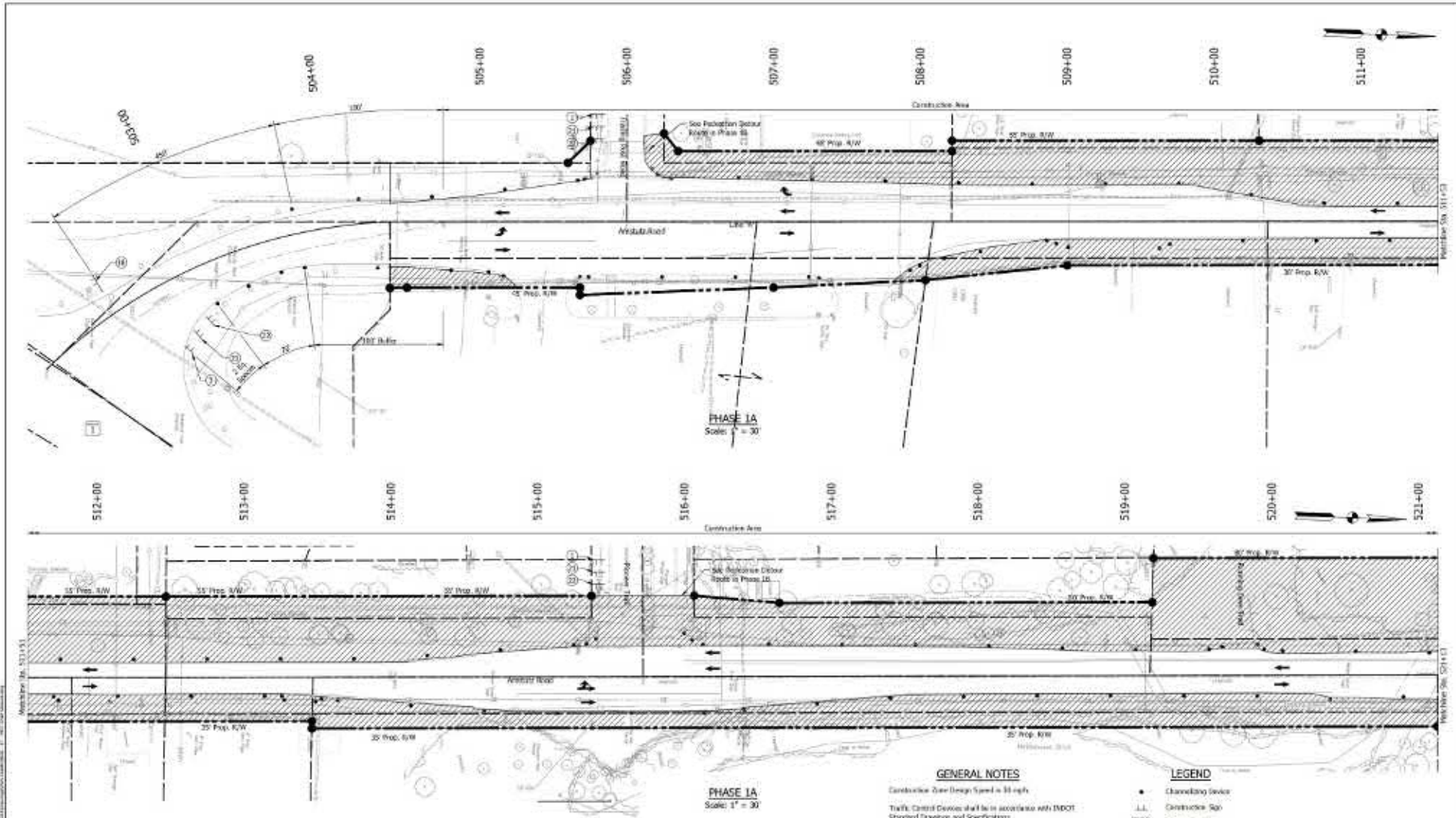
ENGINEERING RESOURCES, INC.
 11775 North Loop West
 Suite 1000, Houston, Texas 77058
 Tel: (281) 461-1177
 www.eri.com

PRELIMINARY FOR REVIEW ONLY

DESIGNED BY:	DRAWN BY:	CHECKED BY:
CHARLES_JFW	CHARLES_JFW	CHARLES_JFW

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

DATE	BY
10/15/2021	JFW
REVISION	DESCRIPTION
1	ISSUED FOR BIDDING
2	AS NOTED
3	PROJECT
4	PROJECT



GENERAL NOTES

Construction Zone Design Speed is 35 mph.
 Traffic Control Devices shall be in accordance with INDOT Standard Drawings and Specifications.
 Spacing of channeling devices shall be 25 ft on all tapers and 50 ft on all tangents.
 Contractor to maintain access to all drives throughout construction.
 See Sheet 31 for Construction Stakes.

LEGEND

- Channeling Device
- Construction Sign
- ▨ Construction Area
- Direction of Traffic

PHASE 1A
 Scale: 1" = 30'



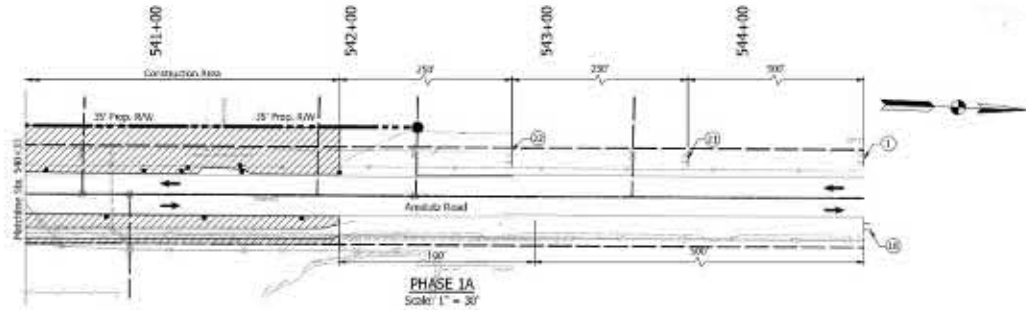
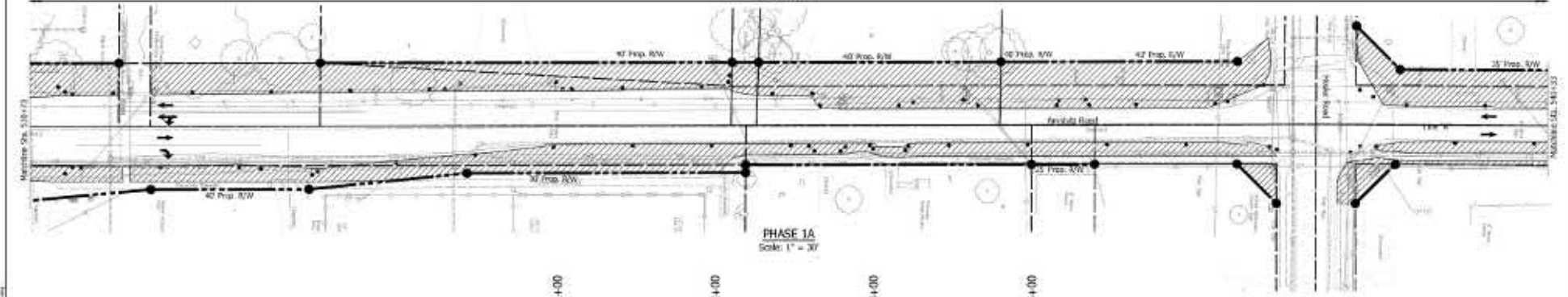
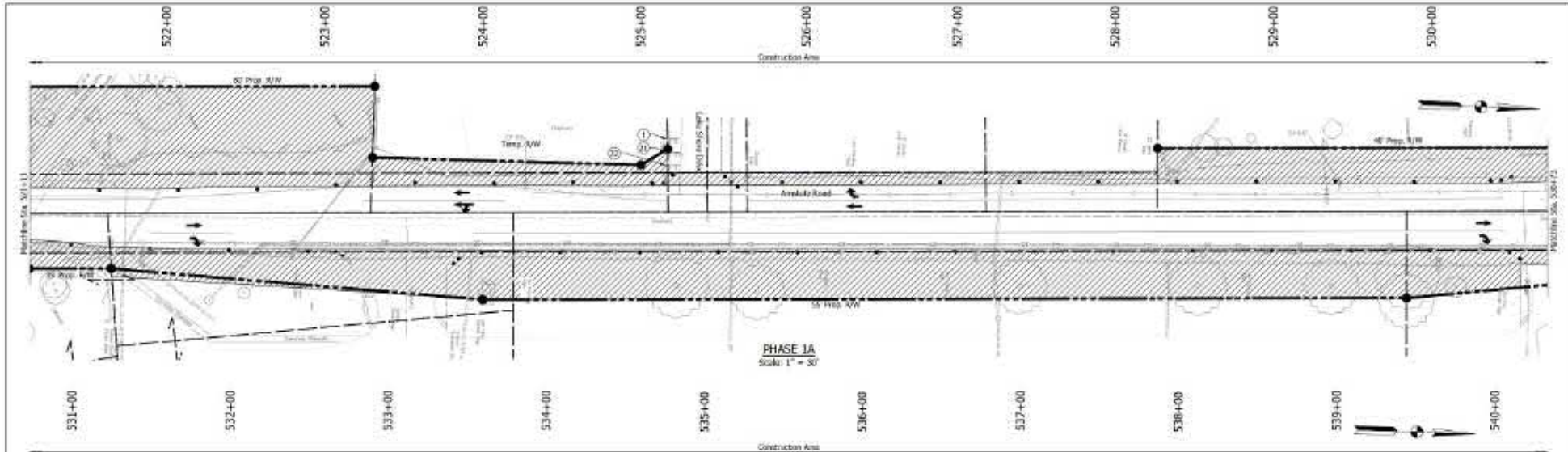
PRELIMINARY
 FOR REVIEW
 ONLY

DESIGNED BY	CHECKED BY	DATE
EMMA	JAMES	
JAMES	EMMA	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 PHASE 1A

SCALE	REVISION	DESCRIPTION
AS SHOWN	1	ISSUED FOR BIDDING
	2	CONTRACT AMENDMENT
	3	CONTRACT AMENDMENT
	4	CONTRACT AMENDMENT
	5	CONTRACT AMENDMENT

Date: 04/22/2014 10:58:00 AM
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 Plot: 140422105800.dwg
 Plot Device: HP DesignJet 5000 Series
 Plot Style: HP-DesignJet5000.ctb
 Plot Range: Full
 Plot Scale: 1.0000
 Plot Orientation: Landscape
 Plot Size: 36x48



LEGEND

- Channelizing Device
- Construction Sign
- ▨ Construction Area
- Direction of Traffic

GENERAL NOTES

- Construction Zone Design Speed is 30 mph.
- Traffic Control Devices shall be in accordance with INDOT Standard Drawings and Specifications.
- Spacing of channelizing devices shall be 25 ft on all types and 50 ft on all lengths.
- Contractor to maintain access to all drives throughout construction.
- See Sheet 11 for Construction Signs.

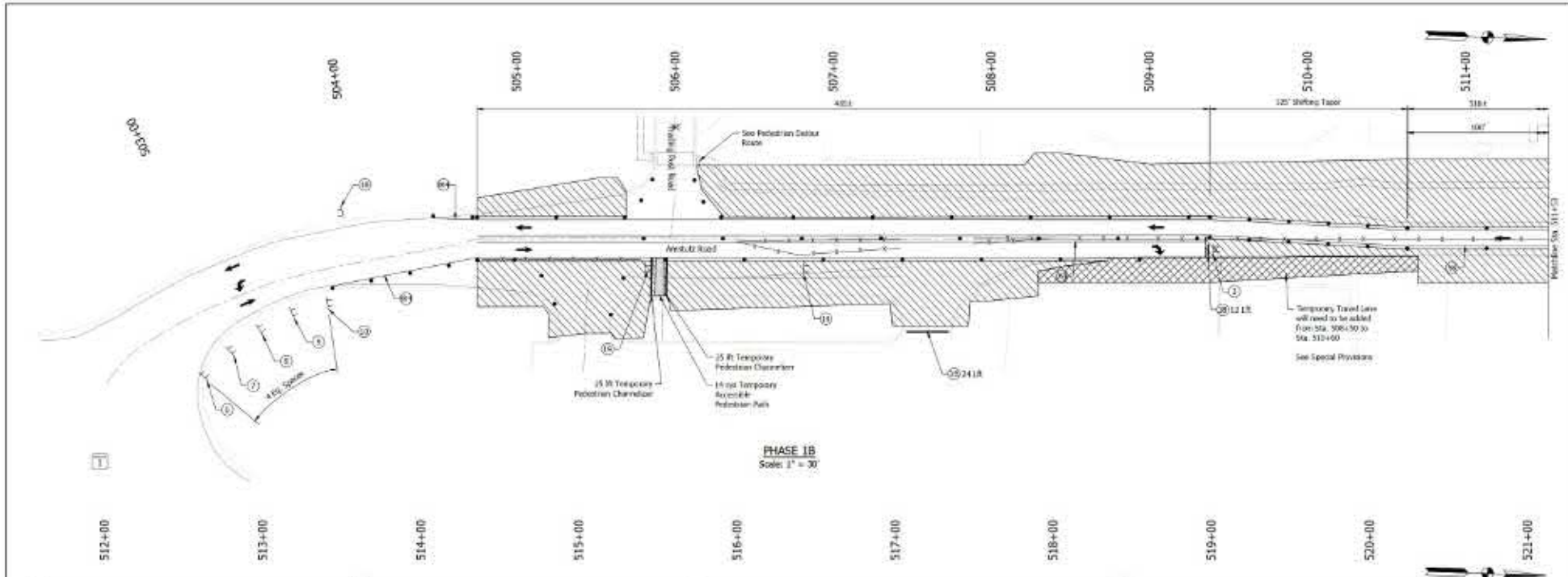


PRELIMINARY FOR REVIEW ONLY

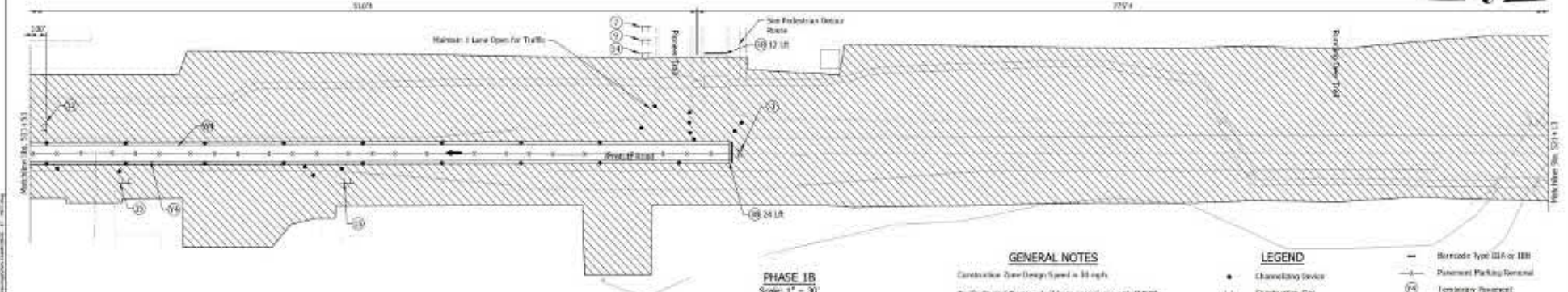
DESIGNED BY	CHECKED BY
DRAWN BY	CHECKED BY

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PHASE 1A

DATE	REVISION
06/14/11	DESIGNATION
	00100A
	040710
	01 02 03 04
CONTRACT	PROJECT
9-0209	101108



PHASE 1B
Scale: 1" = 30'



PHASE 1B
Scale: 1" = 30'

GENERAL NOTES

Construction Over Design Speed is 55 mph.
 Traffic Control Devices shall be in accordance with INDOT Standard Drawings and Specifications.
 Spacing of channeling devices shall be 25 ft on all bays and 50 ft on all lengths.
 Contractor to maintain access to all drives throughout construction.
 See Sheet 11 for Construction Signs.

LEGEND

- Channeling Device
- J.L. Construction Sign
- J.M. Sign Assembly
- ▨ Construction Area
- ▨ Temporary Traffic Lane
- Direction of Traffic

- Barricade Type 12A or 12B
- Pavement Marking Removal
- ⑦ Temporary Pavement Marking, Removable, Yellow, 4 x 6
- ⑧ Temporary Pavement Marking, Removable, W&G, 4 x 6

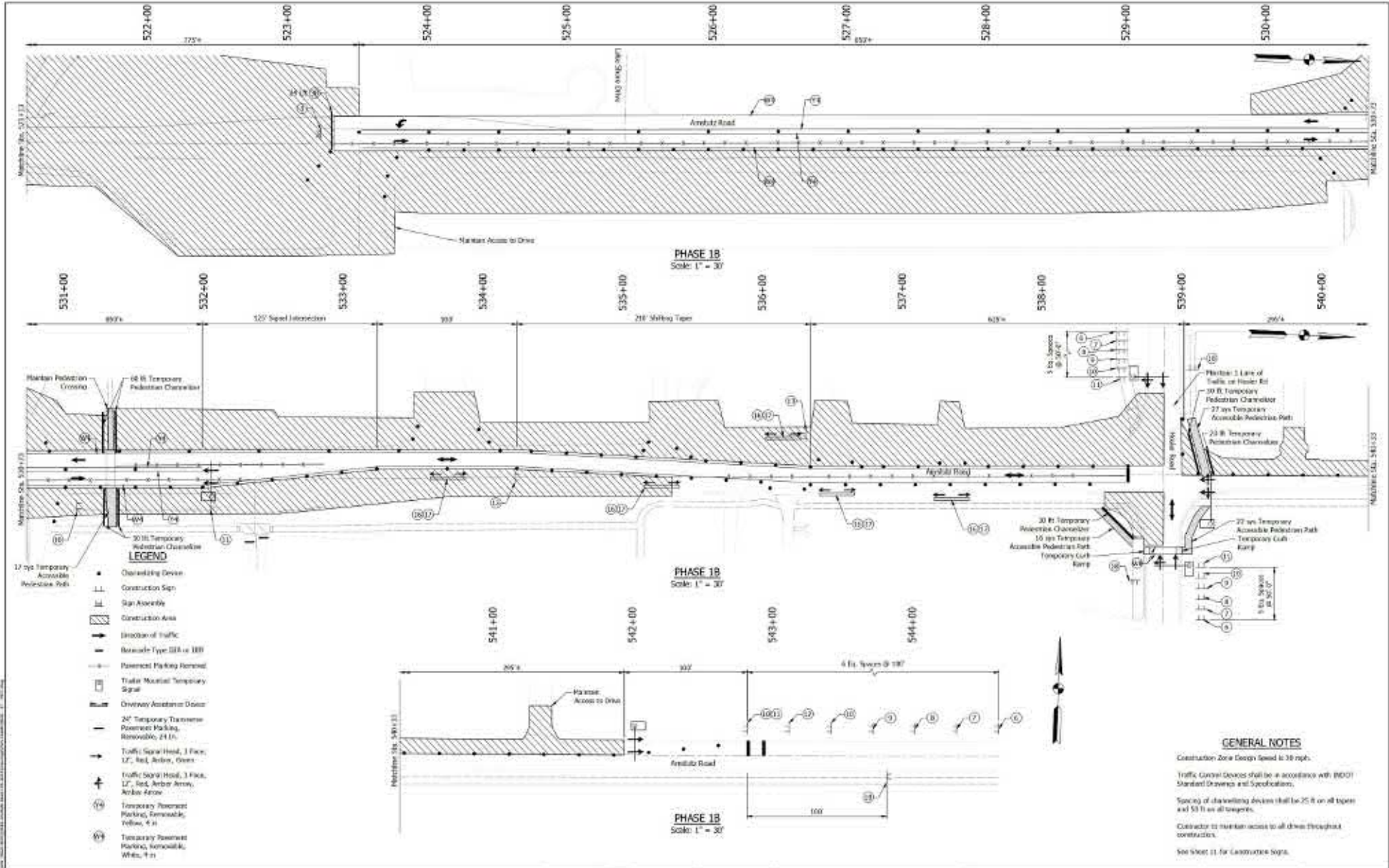


PRELIMINARY FOR REVIEW ONLY

DESIGNED BY:	CHUCKEL, J.W.
DRAWN BY:	CHUCKEL, J.W.

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC PHASE 1B

DATE:	08/11/11
DESIGNATION:	011108
PROJECT:	011108



GENERAL NOTES

Construction Zone Design Speed is 30 mph.
 Traffic Control Devices shall be in accordance with INDOT Standard Drawings and Specifications.
 Spacing of channelizing devices shall be 25 ft on all taper and 50 ft on all straightaways.
 Contractor to maintain access to all drives throughout construction.
 See Sheet 11 for Construction Signs.

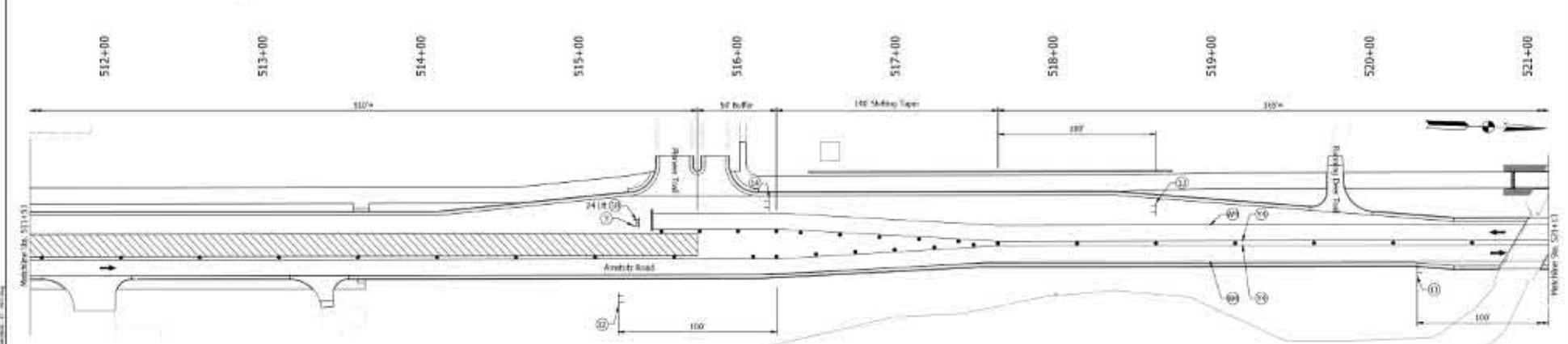
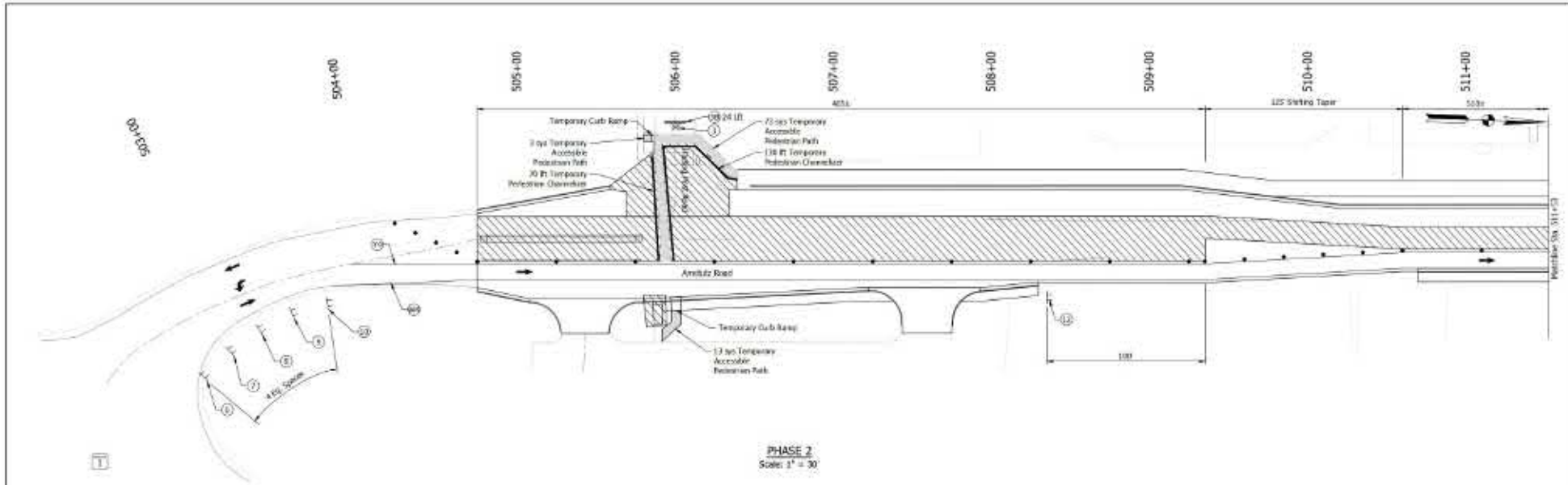
ENGINEERING RESOURCES, INC.
 81-280 4th St. Fort Wayne, Indiana 46801

PRELIMINARY FOR REVIEW ONLY

DESIGNED BY	DRAWN BY
CHECKED BY	CHANGED BY
DATE	DATE

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PHASE 1B

SCALE	DATE
1" = 30'	12-1-24
DESIGNATION	SHEET NO.
	21 OF 21
CONTRACT NO.	PROJECT NO.
9-0200	1511258



GENERAL NOTES

- Construction Zone Design Speed is 30 mph.
- Traffic Control Devices shall be in accordance with 98100 Standard Drawings and Specifications.
- Spacing of channelizing devices shall be 25 ft on all tapers and 50 ft on all berms.
- Contractor to maintain access to all drives throughout construction.
- See Sheet 13 for Construction Signs.

- LEGEND**
- Channelizing Device
 - Construction Gap
 - △ Sign Assembly
 - ▨ Construction Area
 - Direction of Traffic
 - Barricade Type 10A or 10B

- (PA) Temporary Perimeter Marking, Removable, Yellow, 4 in.
- (WB) Temporary Perimeter Marking, Removable, White, 4 in.
- 24" Temporary Transverse Pavement Marking, Removable, 24 in.



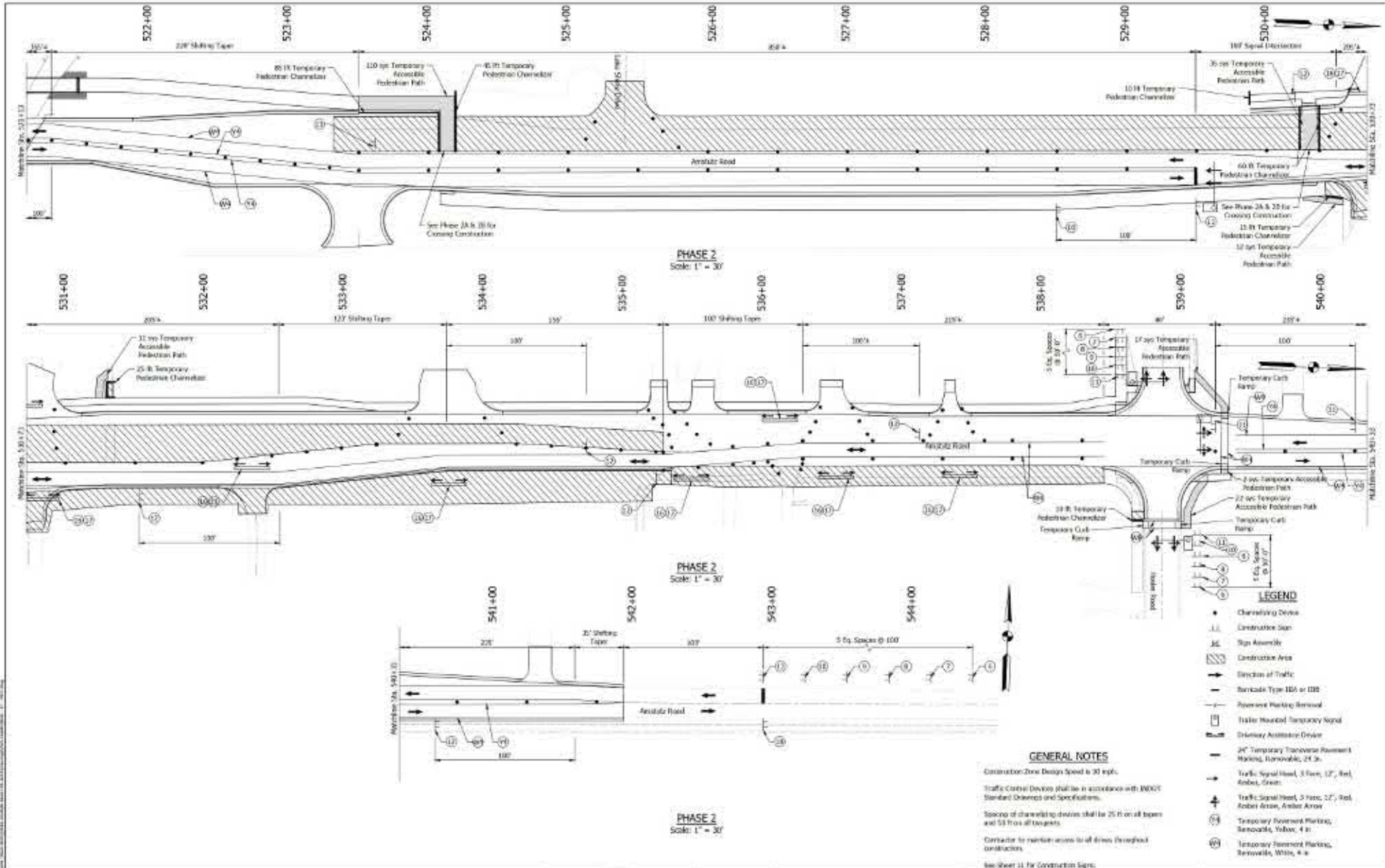
PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DICKENS, B.A.	DICKENS, B.A.	
CHOKLEY, J.W.	CHOKLEY, J.W.	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PHASE 2

DATE	5/11/15
BY	CLF
DESIGNATION	MS100A
PROJECT	21 02 1 00
CONTRACT	9-0209
PROJECT	051108

Job No. 15-01-0000
 Project No. 15-01-0000
 Sheet No. 15-01-0000-01 of 01

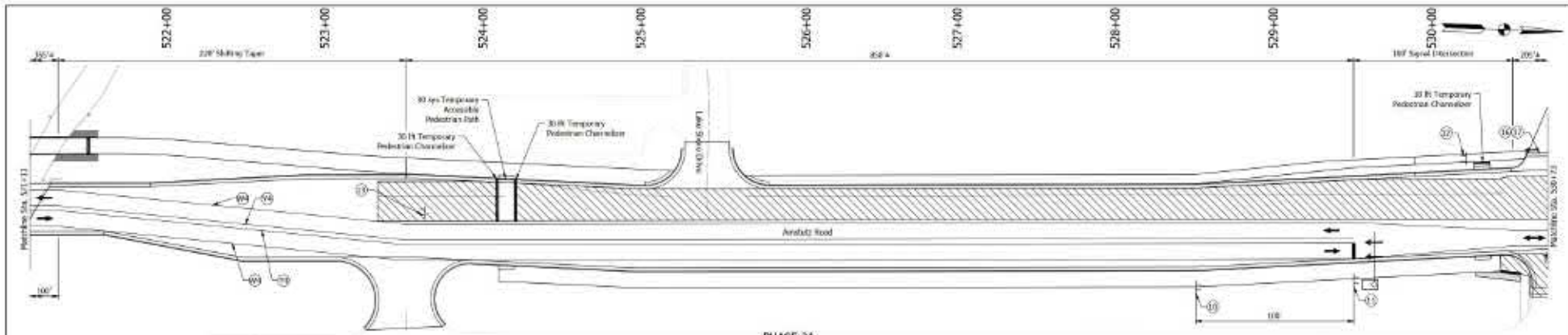


PRELIMINARY
FOR REVIEW
ONLY

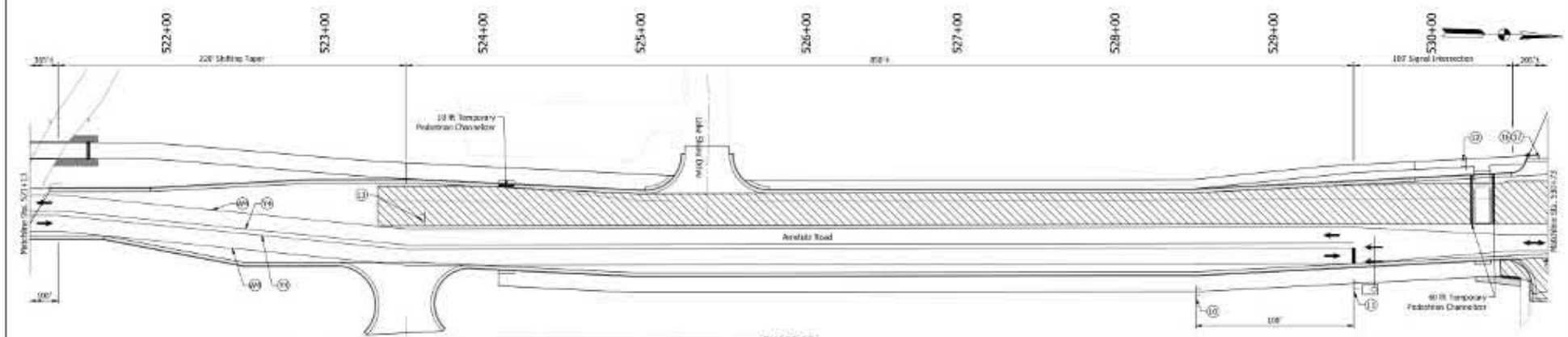
DESIGNED BY	DRAMA, B.A.
CHECKED BY	SHARAD, J.M.

INDIANA
DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
PHASE 2

DATE	1/17/17
DESIGNATION	1511004
PROJECT	1511004



PHASE 2A
Scale: 1" = 30'



PHASE 2B
Scale: 1" = 30'

LEGEND

- Channeling Device
- ▬ Construction Sign
- ⊠ Sign Assembly
- ▨ Construction Area
- ➔ Direction of Traffic
- Barricade Type 22A or 12B
- Pavement Marking Removal
- ▬ Driveway Access Device
- ▬ 24" Temporary Temporary Pavement Marking, Removable, 24 in.
- ➔ Traffic Signal Head, 3 Phase, 12", Red, Amber, Green
- ➕ Traffic Signal Head, 3 Phase, 12", Red, Amber Green, Amber Alive
- ⊙ Temporary Pavement Marking, Removable, Yellow, 4 in.
- ⊙ Temporary Pavement Marking, Removable, White, 4 in.
- ⊠ Traffic Planted Temporary Sign

GENERAL NOTES

- Construction Zone Design Speed is 30 mph.
- Traffic Control Devices shall be in accordance with MDOT Standard Ordinances and Specifications.
- Spacing of channeling devices shall be 25 ft on all tapers and 50 ft on all tangents.
- Contractor to maintain access to all lanes throughout construction.
- See Sheet 11 for Construction Signs.

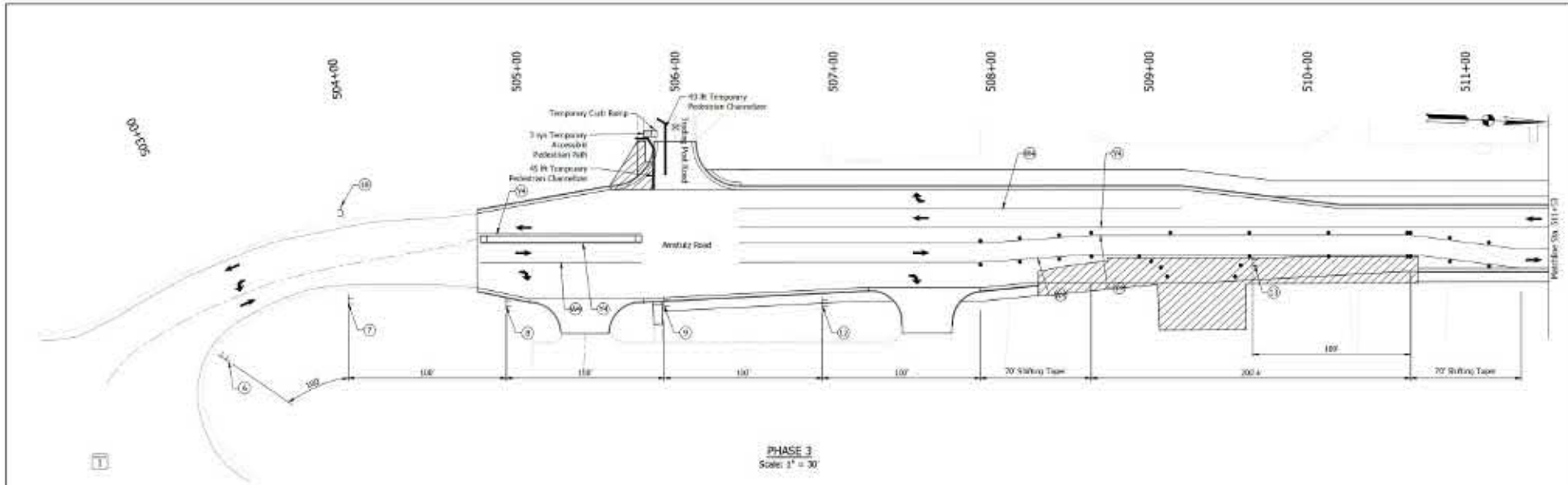


PRELIMINARY FOR REVIEW ONLY

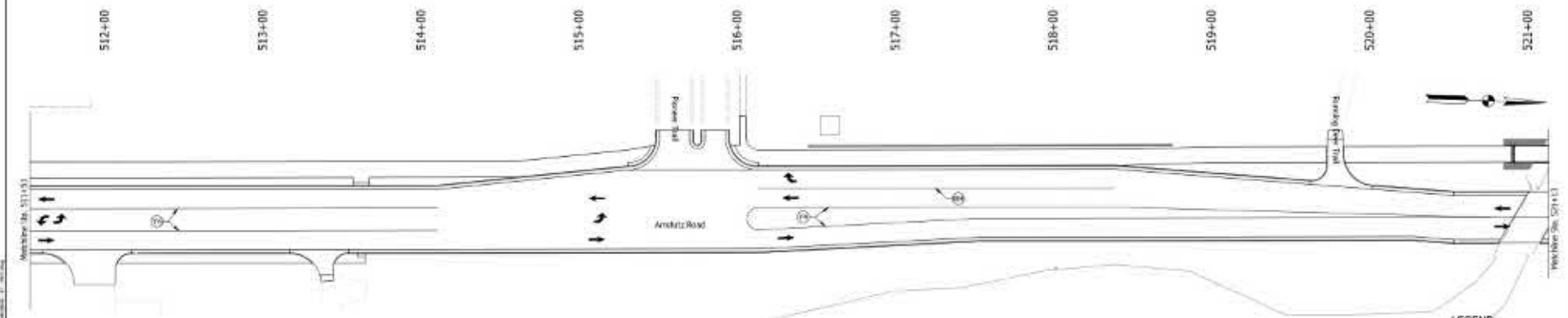
APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED BY	DRAWN BY	
CHECKED BY	CHECKED JMB	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PHASE 2A & 2B

SHEET	24	OF	18
DESIGNATION	M1110A		
PROJECT	M1110B		
CONTRACT	9-10-200		



PHASE 3
Scale: 1" = 30'



PHASE 3
Scale: 1" = 30'

GENERAL NOTES

Construction Zone Design Speed is 30 mph.

Traffic Control Devices shall be in accordance with 800CF Standard Drawings and Specifications.

Spacing of channelizing devices shall be 25 ft in all lanes and 50 ft in all shoulders.

Contractor to maintain access to all drives throughout construction.

See Sheet 11 for Contractor Signs.

- LEGEND**
- Channeling Device
 - - - Construction Sign
 - ▨ Construction Area
 - Direction of Traffic
 - ⊙ Temporary Pavement Marking, Deposition, Yellow, 6 in
 - ⊙ Temporary Pavement Marking, Reverse, White, 4 in

Job No. 2021-000000
 Project Name: Maintenance of Traffic Phase 3
 Drawing No.: 2021-000000-001



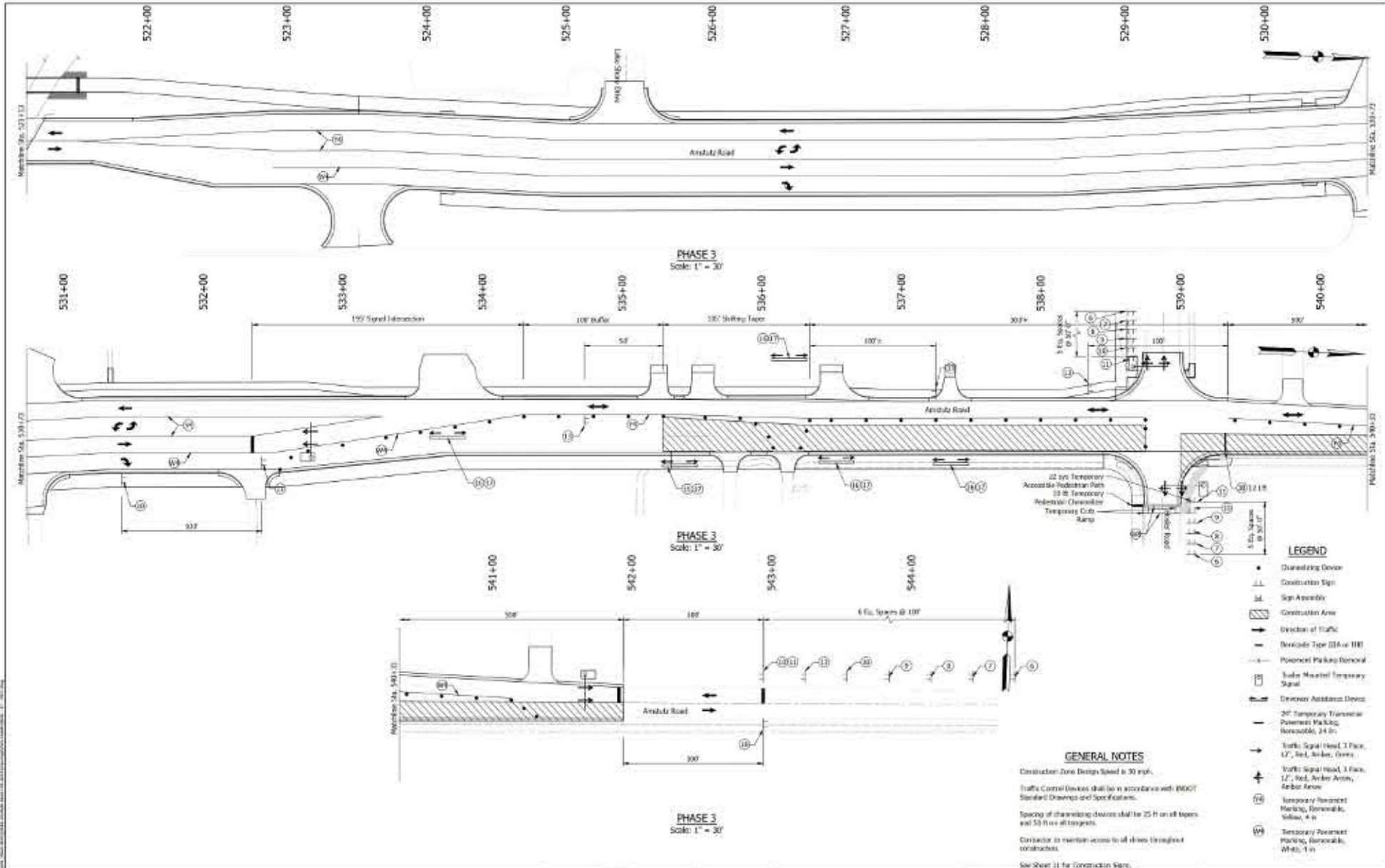
PRELIMINARY FOR REVIEW ONLY

DESIGNED BY	CHECKED BY
DRAWN BY	CHECKED BY

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 3

DATE	2/11/21
DESIGNATION	2021-000000-001
CONTRACT	21-000000
PROJECT	2021-000000



Job No. 2021-0007
 Project Name: Maintenance of Traffic - Phase 3
 Date: 10/20/21



PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
CHECKED: JMA	DRAWN: JMA	
CHECKED: JFW	DRAWN: JMB	

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
PHASE 3**

DATE	2/17/21
DESIGNATION	1811004
PROJECT	21-0007
CONTRACT	9-0209
PROJECT	1811004



LEGEND
 - - - Construction Sign
 - - - Proposed Detour Route

CONSTRUCTION SIGN TABLE				
SYMBOL	DESCRIPTION	NUMBER	TYPE	QTY.
R3-9	Sidewalk Closed	85-5	B	2
R2-11	Detour (Vehicles & Bicycles), Left	3019-9L	B	5
R2-12	Detour (Pedestrian & Bicycle), Right	3011-10R	B	4
R2-13	Detour Ahead (Ahead)	3014-B	B	3
R2-14	2nd Detour	3014-Ba	B	2

** Included in pay item other than Construction Sign, Type A, B, or C.

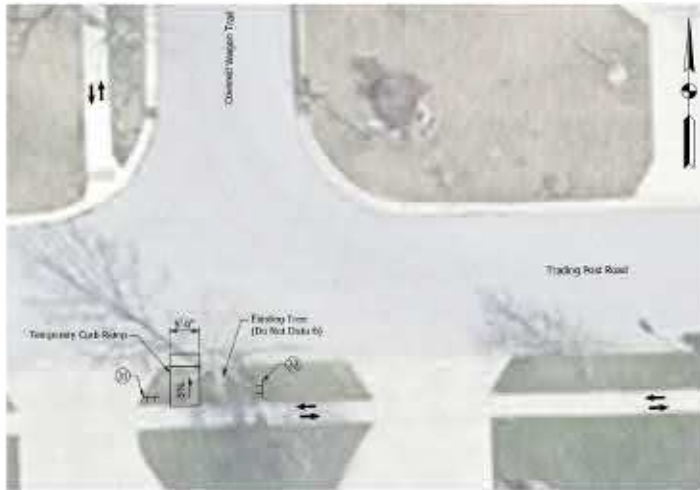
CONSTRUCTION SIGNS

PRELIMINARY FOR REVIEW ONLY

DESIGNED BY:	CHAIKUN, B.A.
CHECKED BY:	CHAIKUN, J.M.
DATE:	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PEDESTRIAN DETOUR

SCALE	1" = 50'
DESIGNATION	161008
SHEET	27 OF 28
CONTRACT	9-10209
PROJECT	161008



TRADING POST & COVERED WAGON TRAIL DETAIL
 Scale: 1" = 10'



COVERED WAGON TRAIL & SETTLERS TRAIL DETAIL
 Scale: 1" = 10'

GENERAL NOTES
 See Sheet 24 for Construction Signs.

Job No. 2021-0048
 Project Name: 2021-0048 - New Settlement Road from US 31 to 31st Street/US 31 to 31st St
 Date: 10/27/2024 10:43:00 AM

**ENGINEERING
 RESOURCES, INC.**
111 S. 20th Street
 Fort Wayne, Indiana 46801

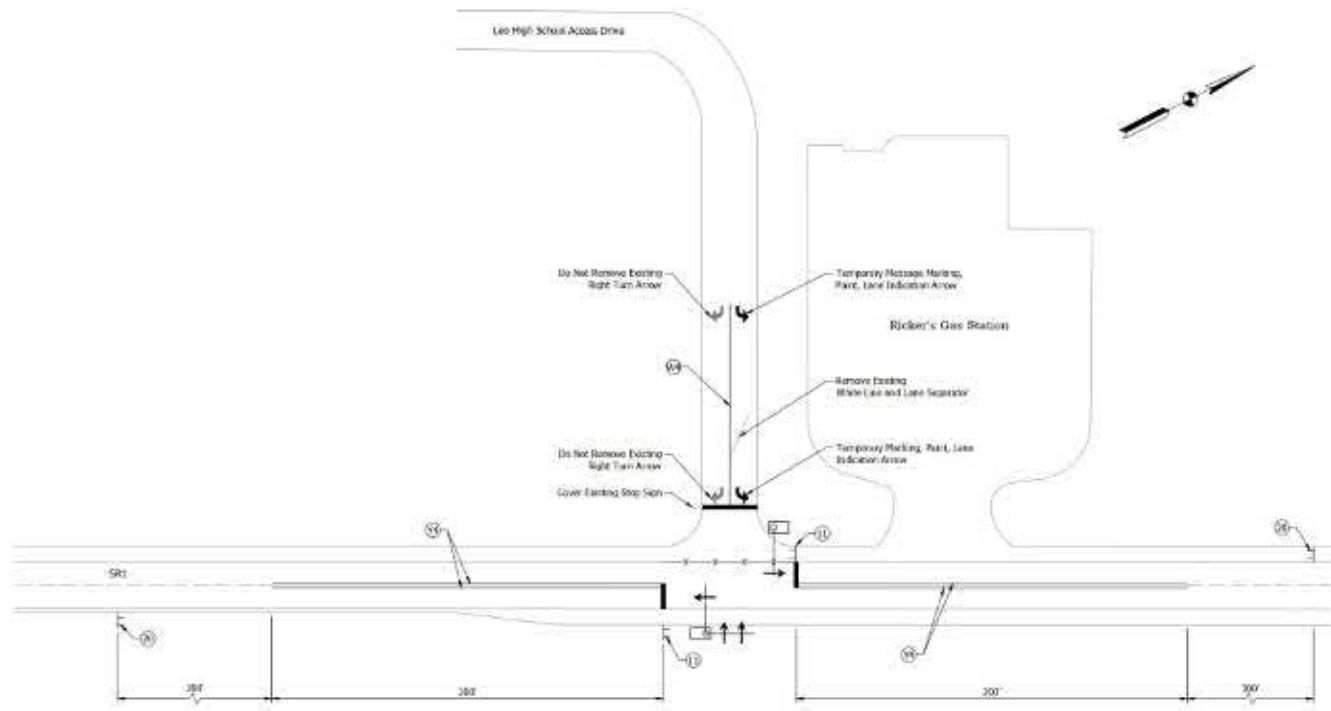
PRELIMINARY
 FOR REVIEW
 ONLY

APPROVED FOR APPROVAL	
DESIGNED BY	DRAWN BY
CHECKED BY	DATE
CHARLES_JW	CHARLES_JWB

INDIANA
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 PEDESTRIAN DETOUR

SCALE	1" = 10'
DESIGNATION	001104
SHEET	20 OF 22
CONTRACT	9-0209
PROJECT	001104



TEMPORARY SIGNAL PLAN
Scale: 1"=30'

LEGEND

- Trailer Mounted Temporary Signal
- 24" Temporary Temporary Placement Marking, Removable, 4 in
- Placement Marking Removal
- Temporary Placement Marking, Removable, Yellow, 4 in
- Temporary Placement Marking, Removable, White, 4 in

GENERAL NOTES

Construction Zone Design Speed is 35 mph.
 Traffic Control Devices shall be in accordance with IDOT Standard Drawings and Specifications.
 Spacing of channelizing devices shall be 25 ft on all tapered and 50 ft on all straight.
 Contractor to maintain access to all drives throughout construction.
 See Sheet 11 for Constructible Signs.

Leo High School Access Drive, SR1, Ricker's Gas Station, Temporary Signal Plan, 1"=30', 11/15/2024

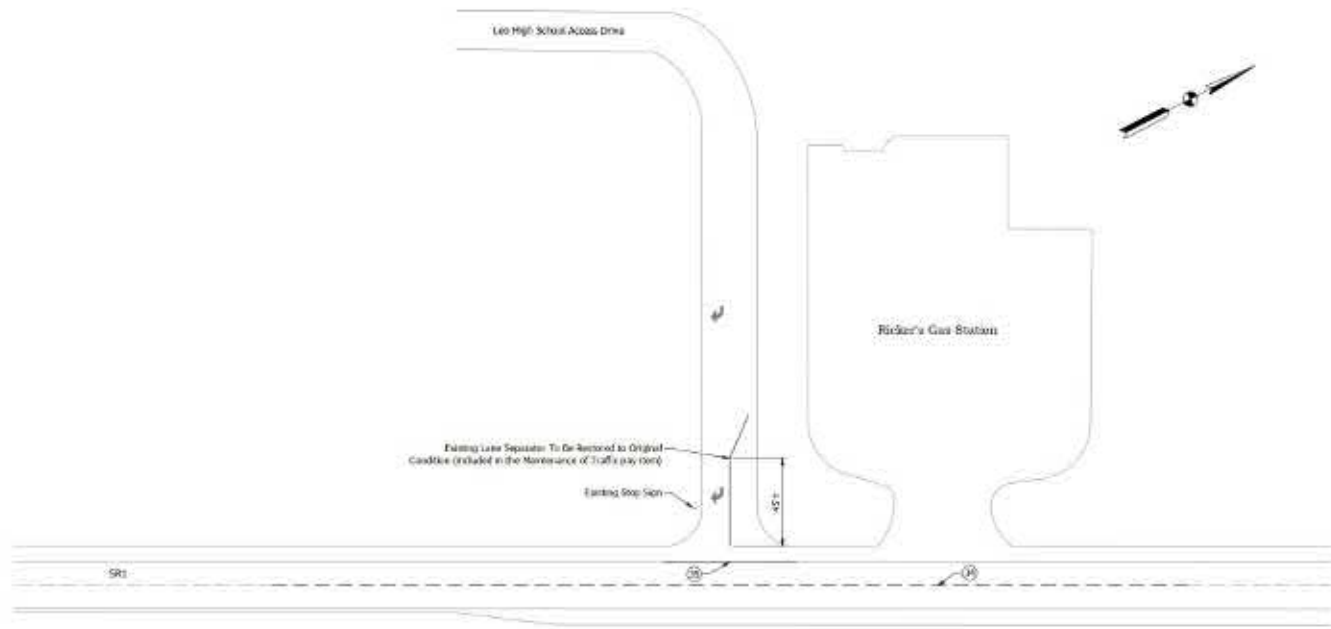


PRELIMINARY FOR REVIEW ONLY

DESIGNED BY:	CHUCKLE, J.W.
DRAWN BY:	CHUCKLE, J.W.

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL PLAN

SCALE	1"=30'
DESIGNATION	SR1104
DATE	11/15/24
PROJECT	SR1104



LEGEND

①	Line, Dash, Dotted, Yellow, 1/8"
②	Line, Dash, Solid, White, 1/8"

PLAN
Scale: 1"=30'

GENERAL NOTES

Construction Zone Design Speed is 35 mph.

Traffic Control Devices shall be in accordance with MDOT Standard Drawings and Specifications.

Spacing of channelizing devices shall be 25 ft on all tapered ends and 50 ft on all towers.

Contractor to maintain access to all drives throughout construction.

Job No. 2023-0007
 Project Name: Maintenance of Traffic Plan for SR1 at Leo High School Access Drive
 Drawing No. 2023-0007-01

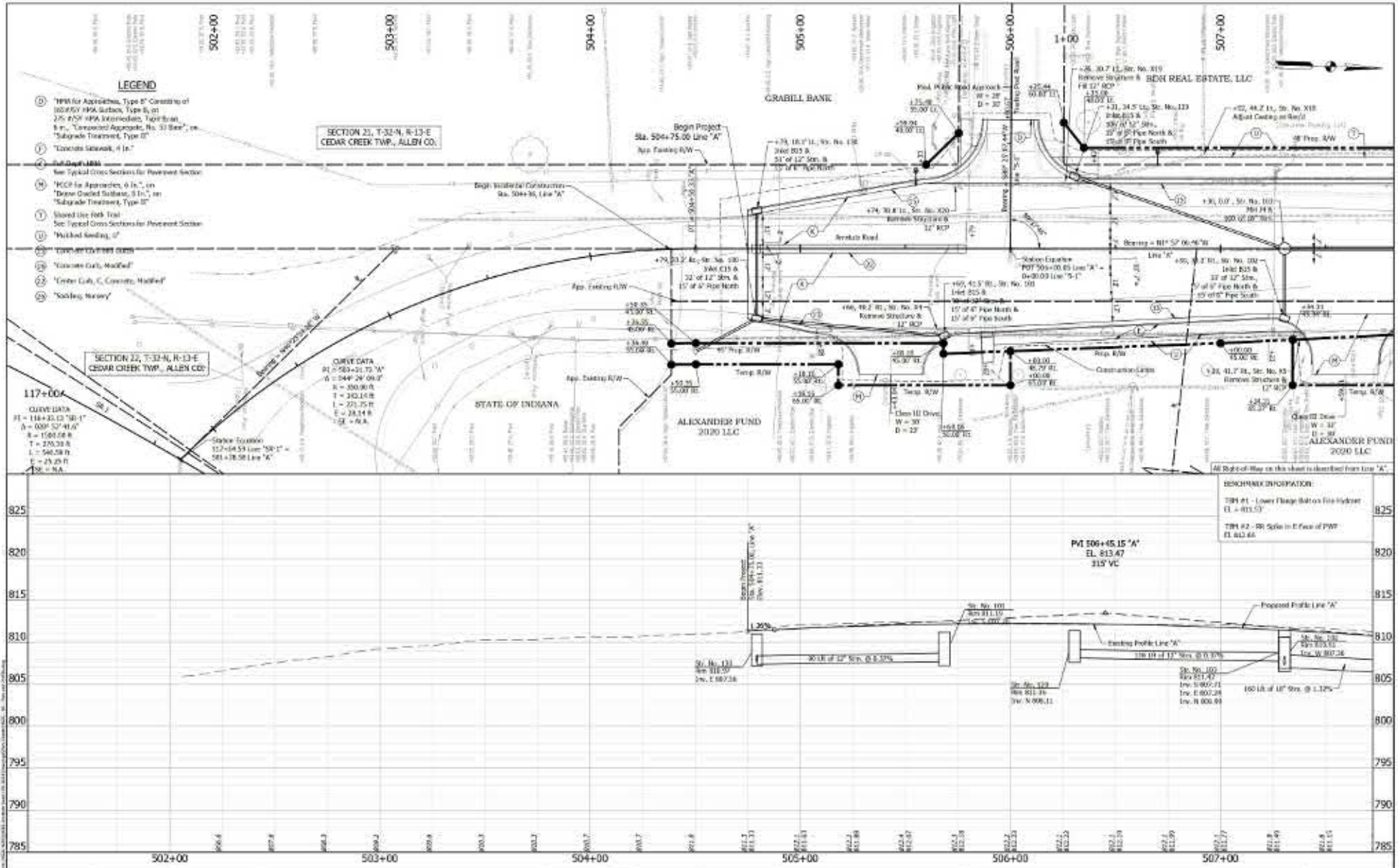
**PRELIMINARY
FOR REVIEW
ONLY**

DESIGNED BY:	DRAWN BY:	CHECKED BY:
DATE:	DATE:	DATE:

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
TEMP. SIGNAL RESTORATION PLAN**

SCALE	1" = 30'
DESIGNATION	M1100A
SHEET NO.	01 OF 01
CONTRACT	9-0209
PROJECT	101100



LEGEND

- (D) "NMA for Approaches, Type B" Consisting of 100% NMA Surface, Type B, on 2% NSF NMA Intermediate, Type B, on "Controlled Aggregate, No. 30 Sand", on "Subgrade Treatment, Type D"
- (E) Concrete Sidewalk, 4 in.
- (F) Subgrade NMA See Typical Cross Sections for Pavement Section
- (G) "KCP for Approaches, 6 in.", on "Dimple Graded Subbase, 8 in.", on "Subgrade Treatment, Type D"
- (H) Existing Line Mark Trial See Typical Cross Sections for Pavement Section
- (I) "Washed Sanding, 0"
- (J) Concrete Curbs, 6 in.
- (K) Concrete Curb, Modified
- (L) Center Curb, Concrete Modified
- (M) "Sodding, Heavy"

SECTION 22, T-32-N, R-13-E CEDAR CREEK TWP., ALLEN CO.

SECTION 22, T-32-N, R-13-E CEDAR CREEK TWP., ALLEN CO.

SECTION 22, T-32-N, R-13-E CEDAR CREEK TWP., ALLEN CO.

117+004
 CURVE DATA
 PI = 118+33.13 180.1°
 Δ = 009° 57' 41.0"
 R = 1581.08 ft
 T = 270.32 ft
 L = 540.64 ft
 E = 25.25 ft
 M = NA

CURVE DATA
 PI = 504+21.73 W
 Δ = 044° 29' 09.0"
 R = 350.96 ft
 T = 202.14 ft
 L = 251.14 ft
 E = 28.14 ft
 M = NA

Station Location
 502+04.53 Line "SR" = 581+18.58 Line "A"

All Right of Way on this sheet is identified from Line "A".

825

820

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810

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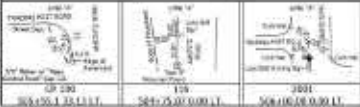
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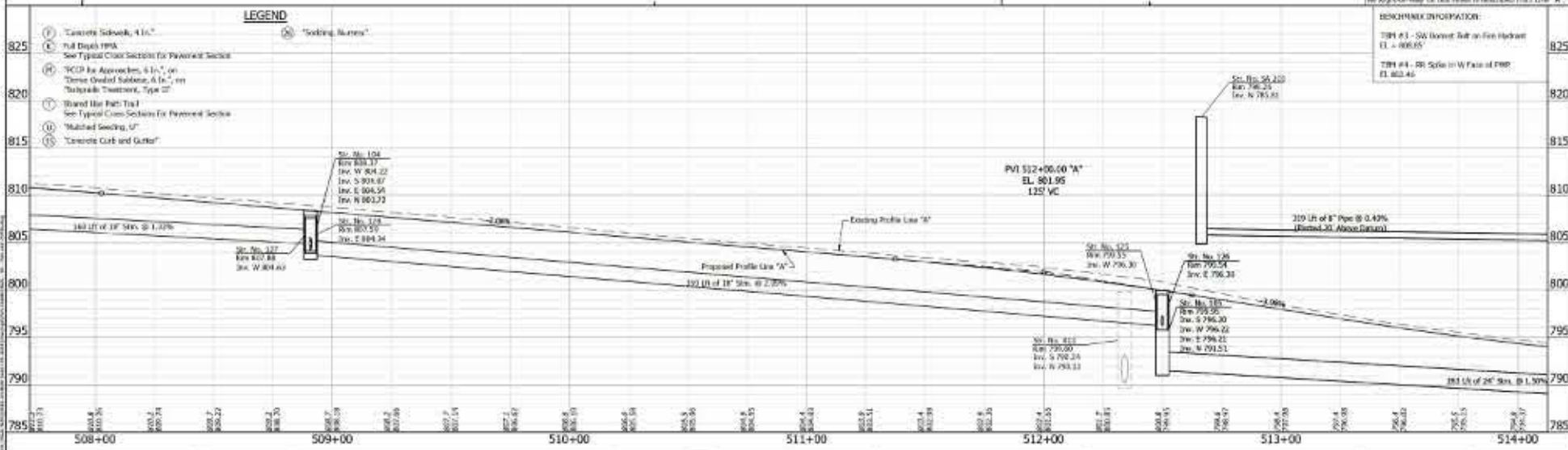
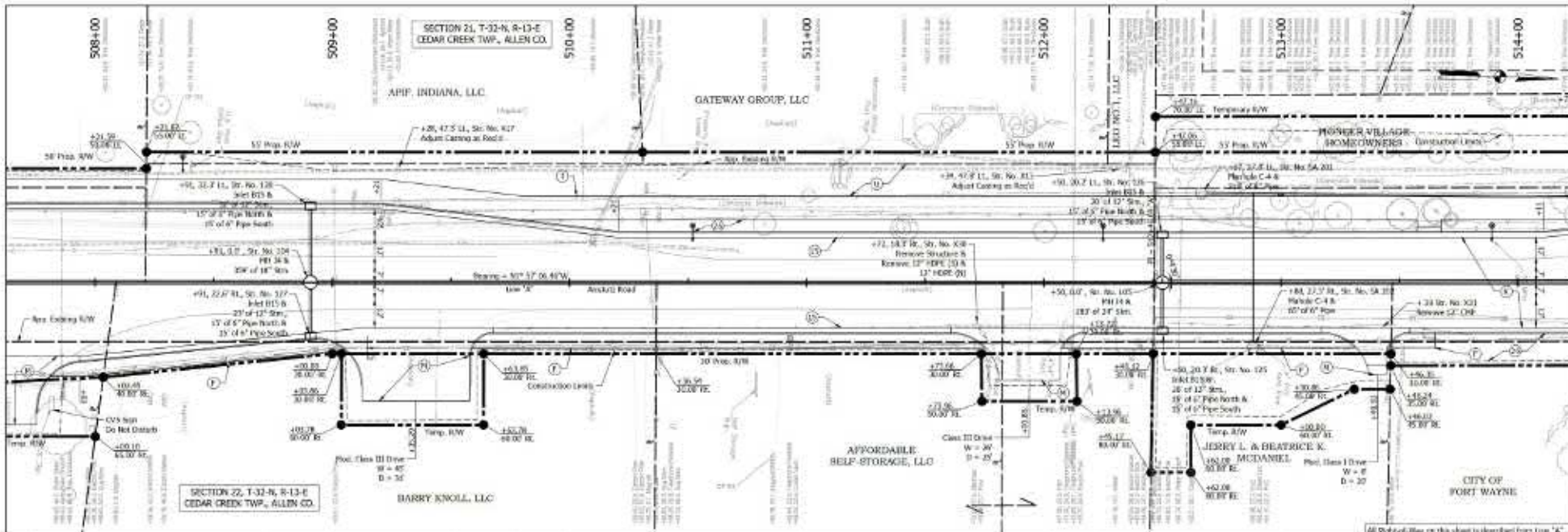
ENGINEERING RESOURCES, INC.
 1175 West Street
 Fort Wayne, Indiana 46825
 PH: (317) 881-1100
 WWW: ERINC.COM

PRELIMINARY FOR REVIEW ONLY

DESIGNED BY	CHECKED BY	DATE
JEN	JMB	08/11/11

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE

HORIZONTAL SCALE	VERTICAL SCALE
1" = 20'	1" = 10'





PRELIMINARY FOR REVIEW ONLY

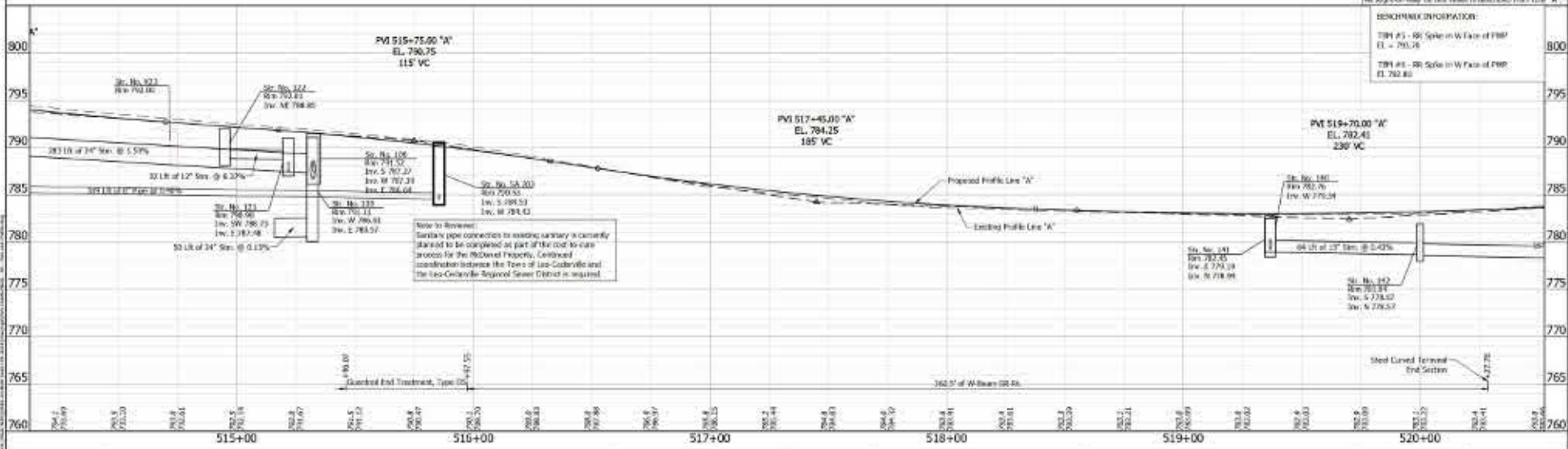
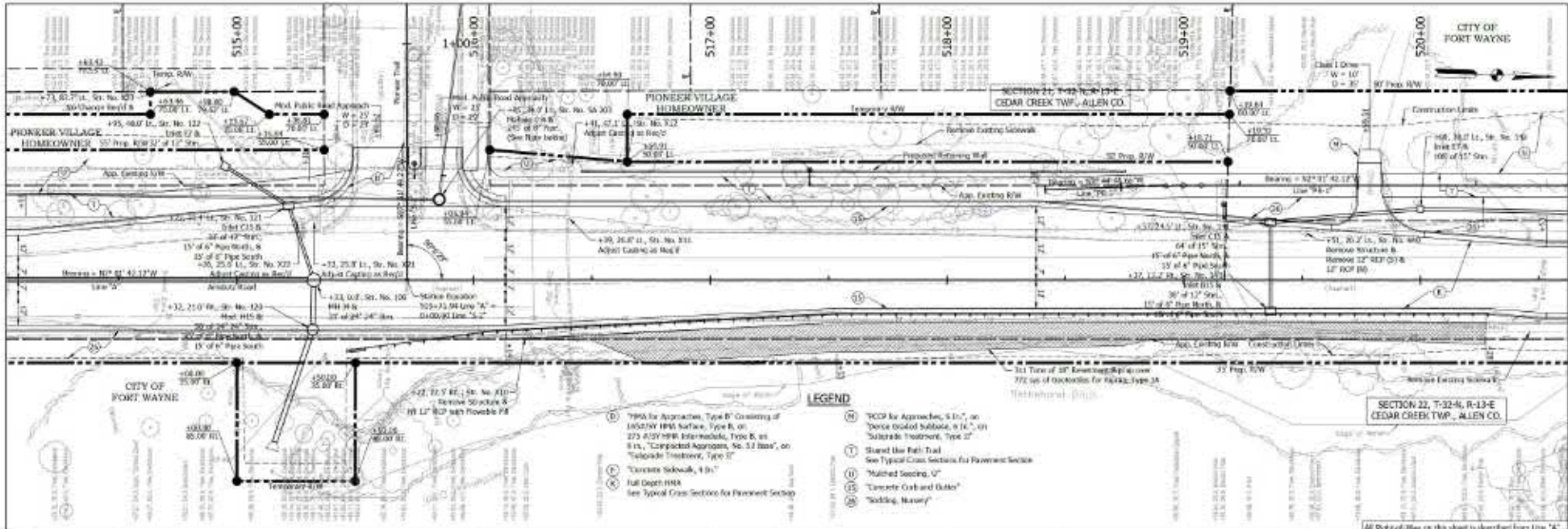
APPROVED FOR APPROVAL: _____ DATE: _____

DRAWN BY: _____ CHECKED BY: _____

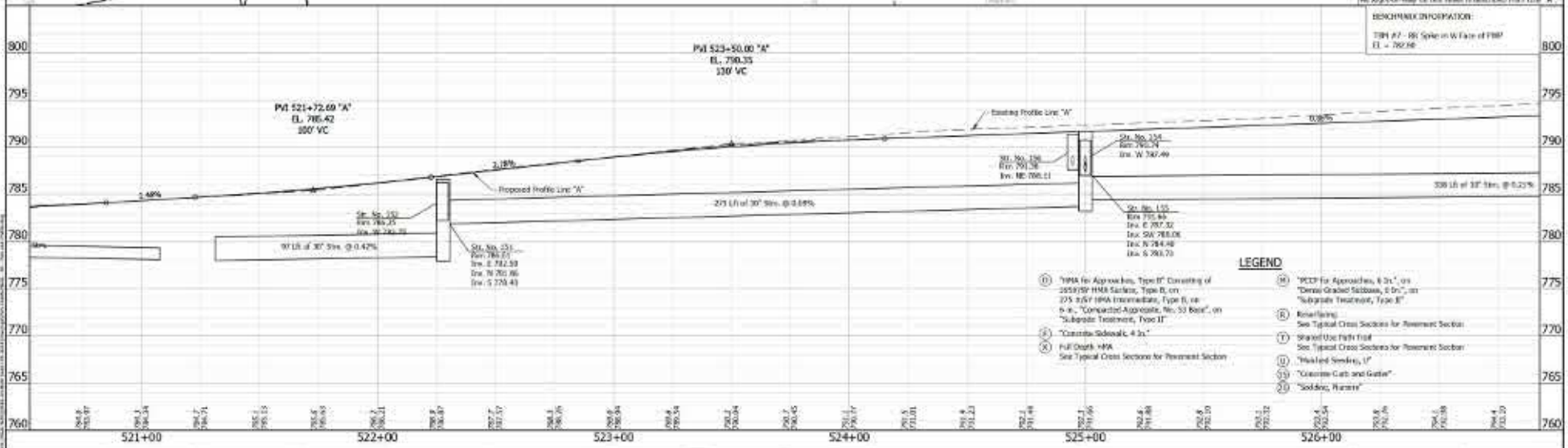
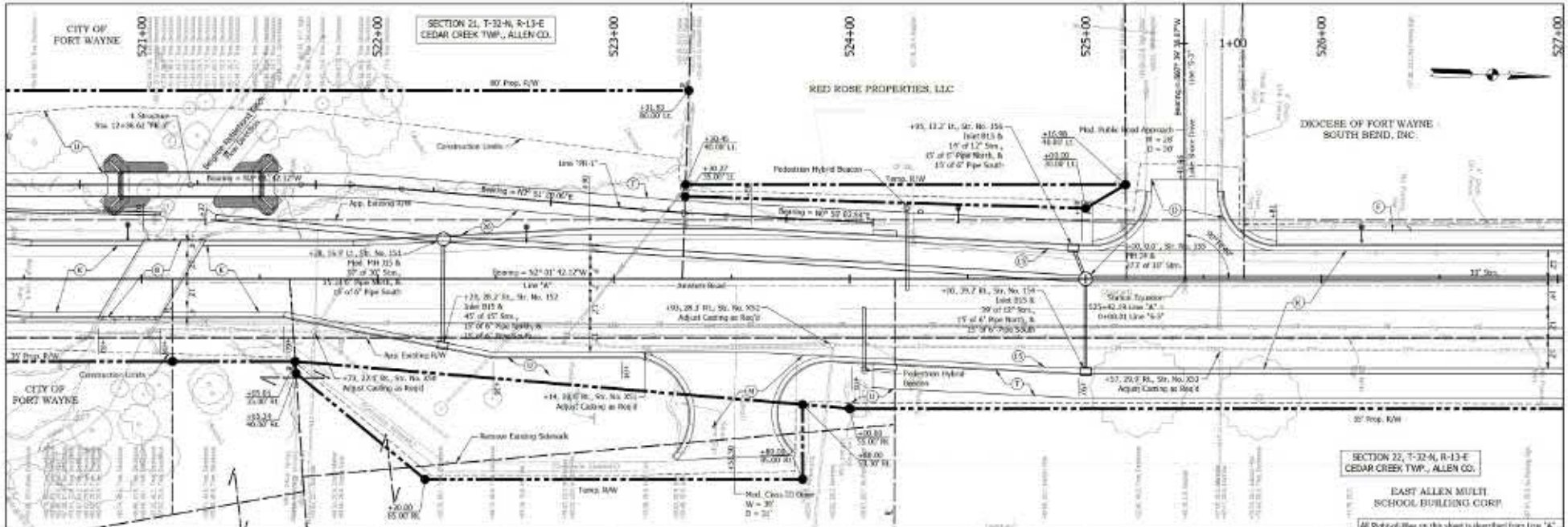
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

HORIZONTAL SCALE	1" = 40'
VERTICAL SCALE	1" = 10'
DESIGNATION	IND100A
SHEET	10 OF 10
CONTRACT	9-0209
PROJECT	IND100A

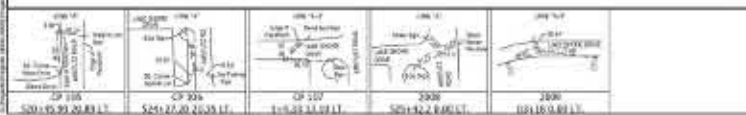


		PRELIMINARY FOR REVIEW ONLY	APPROVED FOR APPROVAL: _____ DATE: _____ DESIGNED BY: CHANAN, BJA CHECKED BY: CHANAN, JMB	INDIANA DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE	HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4' SHEET: 14 OF 14 CONTRACT: 9-1209 PROJECT: 0511008
			PROJECT: 0511008		



All Style of Way on this sheet is derived from Line 'A'.
REFERENCE INFORMATION:
 TYP #1 - 80' Splice on W Face of FWP
 EL = 762.48

- LEGEND**
- (1) TYP# for Approaches, Type B' Consisting of 245.9' HMA Surface, Type B, on 2.5' 2.5' HMA Intermediate, Type B, on 4" 4" "Compacted Aggregate, No. 53 Base", on "Subgrade Treatment, Type II"
 - (2) "Concrete Sidewalk, 4 in."
 - (3) Full Depth HMA See Typical Cross Sections for Placement Section
 - (4) "PCP for Approaches, 6 in." on "Dormer Graded Subgrade, 3 in." on "Subgrade Treatment, Type B"
 - (5) Roadway See Typical Cross Sections for Placement Section
 - (6) Street Use Right Right See Typical Cross Sections for Placement Section
 - (7) "Marked Sidewalk, 4"
 - (8) "Concrete Curb and Gutter"
 - (9) "Sodding, Nursery"



ENGINEERING RESOURCES, INC.
 4150 New York Street
 Fort Wayne, Indiana 46804
 PH: (317) 484-1100
 www.eri-inc.com

PRELIMINARY FOR REVIEW ONLY

DESIGNED: JEN
 CHECKED: ALO

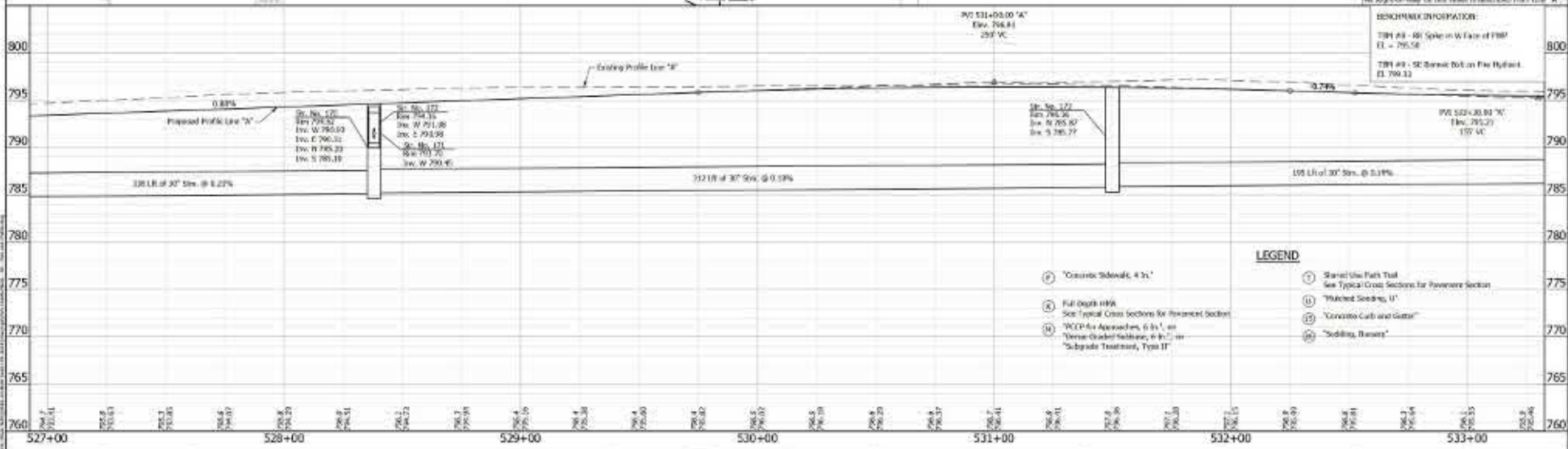
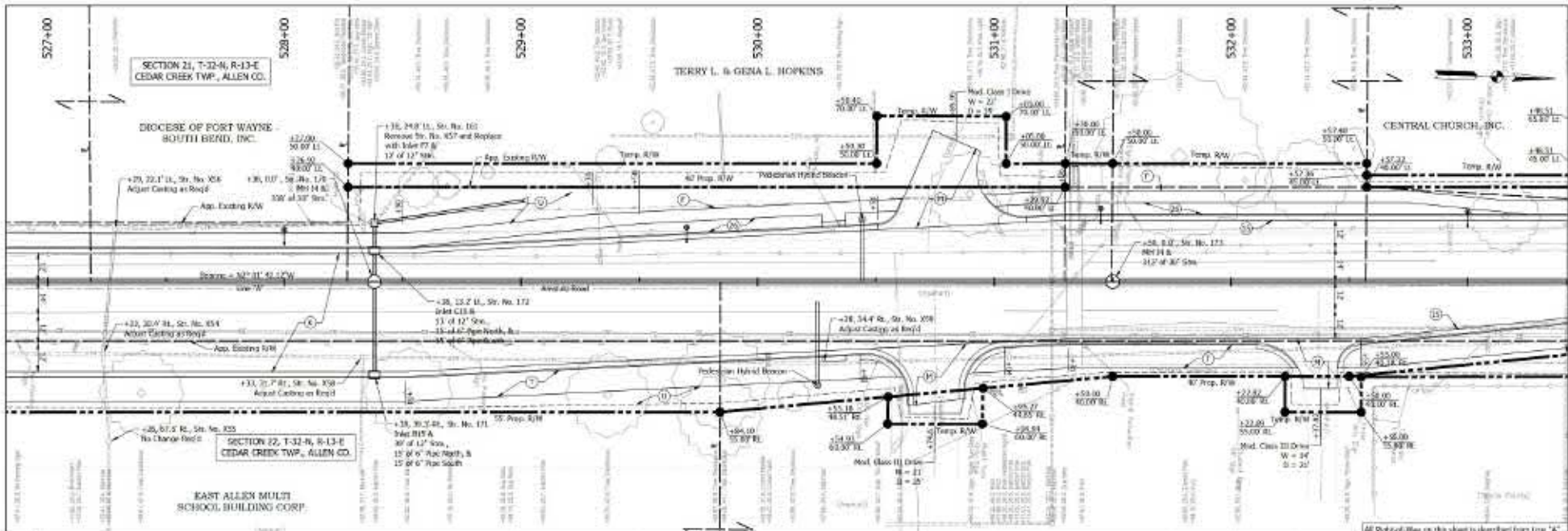
DRAWN: BJA
 CHECKED: JMB

DATE: 08/11/2011

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

HORIZONTAL SCALE 1" = 20'	DESIGNATION M1100A
VERTICAL SCALE 1" = 4'	SHEET NO. 24 OF 24
PROJECT R-13-200	PROJECT M1100A



All Style of Man on this sheet is described from line "A"

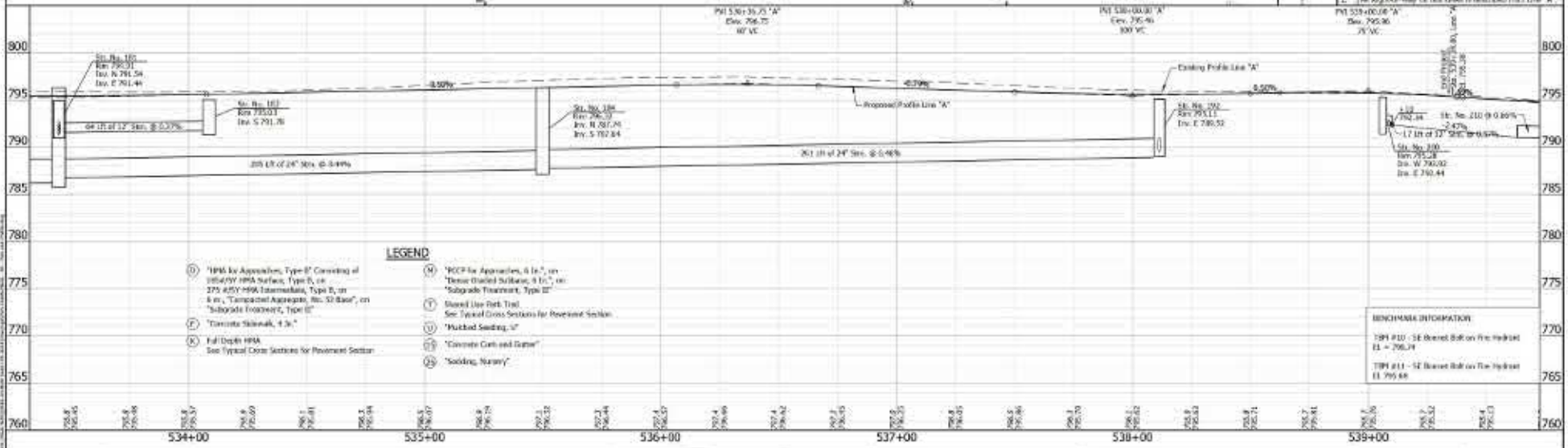
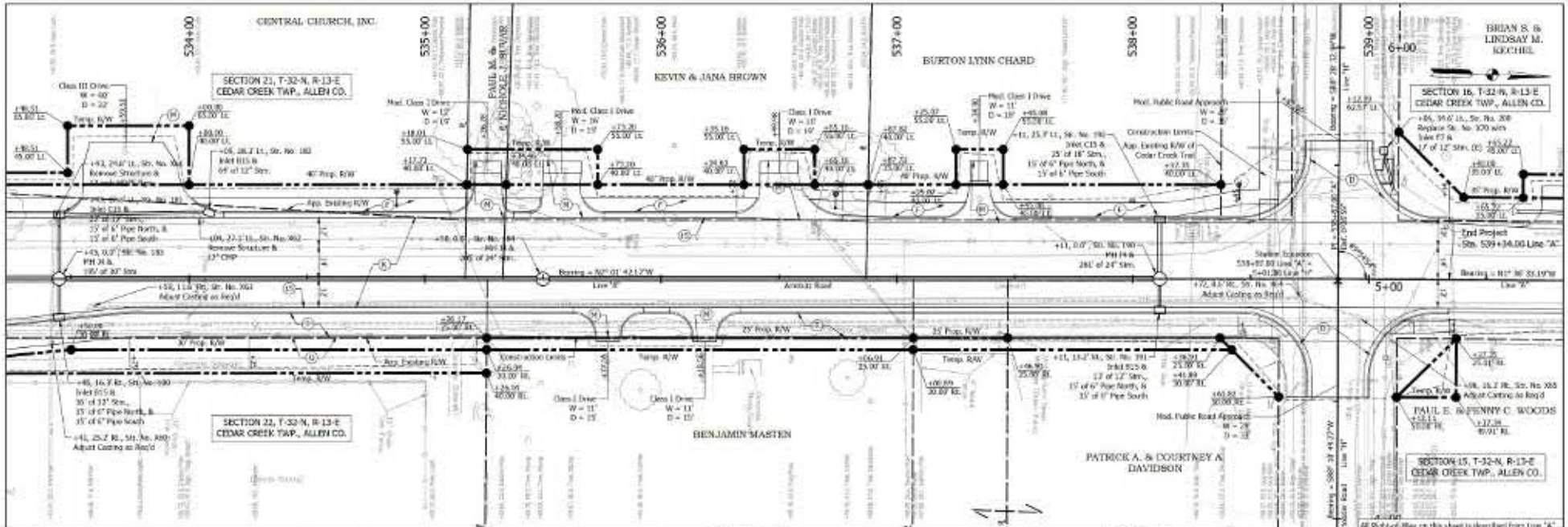
BENCHMARK INFORMATION:

BM 1 - 80' Spike on W Face of FWP
E.L. = 765.58

BM 2 - 50' Spike on E Face of Hydrant
E.L. 769.22

- LEGEND**
- (P) Concrete Sewer, 4 ft.
 - (S) 4' or 6' Manhole
 - (M) Manhole
 - (C) Catch Basin
 - (H) Hydrant
 - (D) Ditch
 - (E) Easement
 - (R) Right-of-Way
 - (L) Line
 - (W) Water
 - (G) Gas
 - (F) Fire
 - (T) Telephone
 - (C&G) Concrete Catch and Gully
 - (S&B) Siding, Batters

<p>ENGINEERING RESOURCES, INC. 2175 S. State Street Fort Wayne, Indiana 46804</p>	<p>PRELIMINARY FOR REVIEW ONLY</p>	<p>APPROVED FOR APPROVAL</p> <p>DESIGNED BY: <u> </u> DATE: <u> </u></p> <p>CHECKED BY: <u> </u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE</p>	<p>HORIZONTAL SCALE</p> <p>1" = 40'</p>	<p>DESIGNATION</p> <p> </p>
				<p>VERTICAL SCALE</p> <p>1" = 4'</p>	<p>SHEET</p> <p>25 OF 28</p>



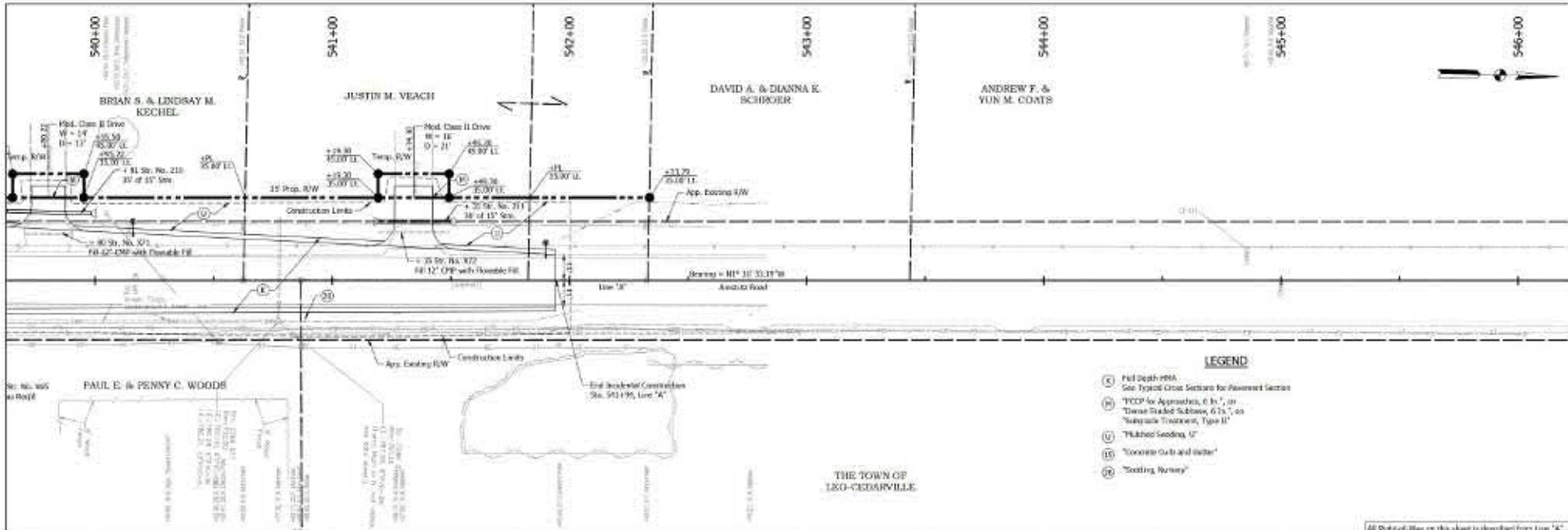
- LEGEND**
- (1) "RPA for Approaches, Type B" Consisting of 18\"/>
 - (2) "RPA for Approaches, Type B" Consisting of 18\"/>
 - (3) "RCP for Approaches, 6 in.", on "Dense Graded Subbase, 8 in.", on "Subgrade Treatment, Type B"
 - (4) "Dimpled Lip Duct, Tied, See Typical Cross Sections for Reinforcement Section"
 - (5) "Mudbed Sanding, 1\"/>
 - (6) "Concrete Curb and Gutter"
 - (7) "Sanding, Nursery"
 - (8) "RCP for Approaches, 6 in.", on "Dense Graded Subbase, 8 in.", on "Subgrade Treatment, Type B"
 - (9) "Dimpled Lip Duct, Tied, See Typical Cross Sections for Reinforcement Section"
 - (10) "Mudbed Sanding, 1\"/>
 - (11) "Concrete Curb and Gutter"
 - (12) "Sanding, Nursery"

BENCHMARK INFORMATION

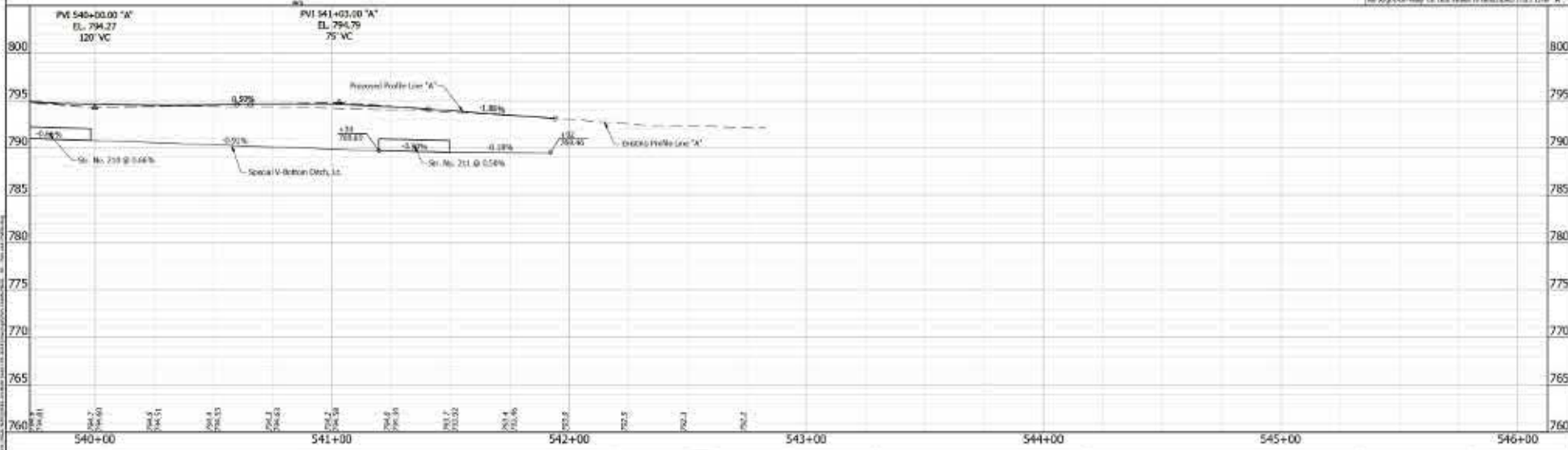
TPM #10 - 10' Binned Ball on the Hydrant
E.L. = 796.74

TPM #11 - 12' Binned Ball on the Hydrant
E.L. = 795.66

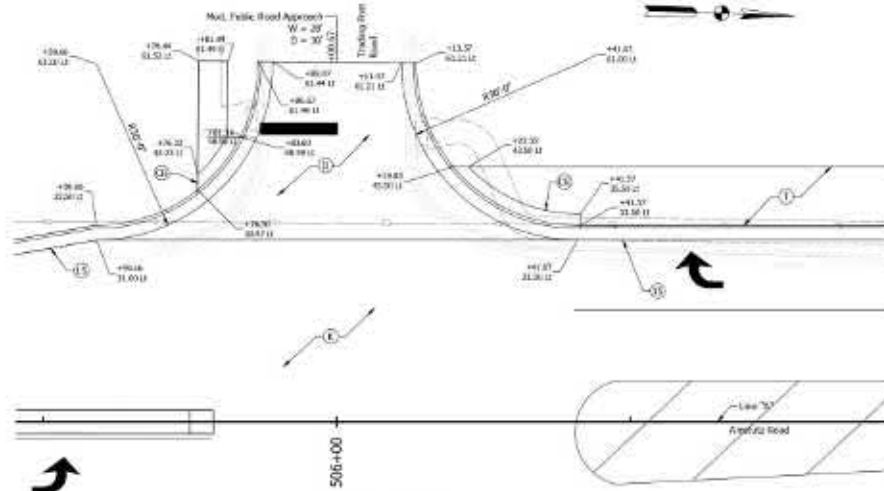
	<p>ENGINEERING RESOURCES, INC. 11750 West Street West Chester, Ohio 45381</p>	<p>PRELIMINARY FOR REVIEW ONLY</p>	<p>APPROVED FOR OFFICIAL _____ DATE _____</p> <p>DESIGNED BY: CHANAN, BJA CHECKED BY: CHANAN, JMB</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE</p>	<p>HORIZONTAL SCALE 1" = 20'</p> <p>VERTICAL SCALE 1" = 1'</p> <p>CONTRACT 9-0209</p>	<p>DESIGNATION 181108A</p> <p>SHEET 18 OF 18</p> <p>PROJECT 181108A</p>
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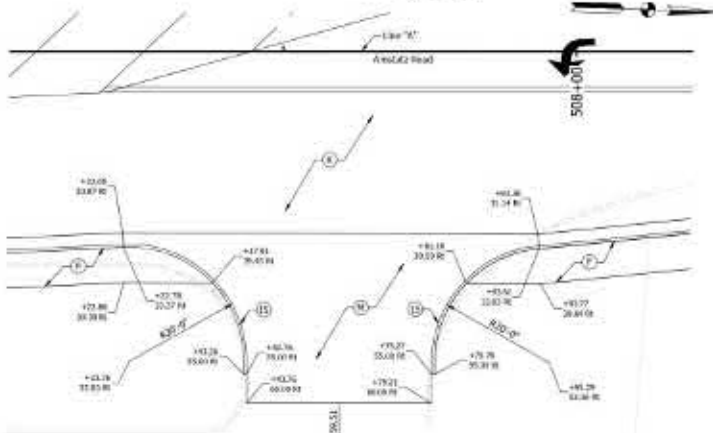
- LEGEND**
- (C) Full Depth PMA
See Typical Cross Section for Assessment Section
 - (P) "POC" for Approaches, 6 ft., on
"Diverse Road" Subtype, 6.15", on
"Resolute Treatment, Type II"
 - (U) "Flushed Seeding, U"
 - (IS) "Concrete Curb and Gutter"
 - (R) "Soaking Runway"



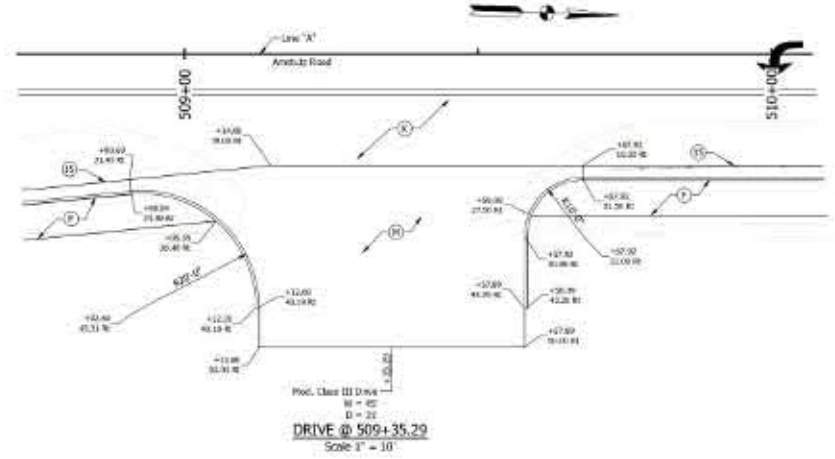
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			INDIANA DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE	CONTRACT 9-0209	PROJECT 101100



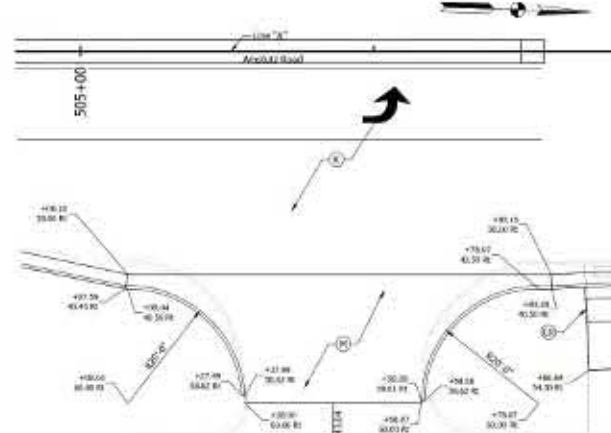
PIONEER TRAIL
Scale 1" = 10'



DRIVE @ 507+59.51
Scale 1" = 10'



DRIVE @ 509+35.29
Scale 1" = 10'



DRIVE @ 505+43.04
Scale 1" = 10'

- LEGEND**
- ⊗ "Club Key"
 - ⊕ "Detectable-Warning Surface"
 - ⊙ "RSA or Approaches, Type B" Consisting of 165 4/32" MPW Surface, Type B, on 275 4/32" MPW Intermediate, Type B, on 3 in. "Compacted Aggregate, No. 53 Base", on "Subgrade Treatment, Type II"
 - ⊖ Shared the Path Trail See Typical Cross Sections for Pavement Section
 - ⊖ "Concrete Sidewalk, 4 in."

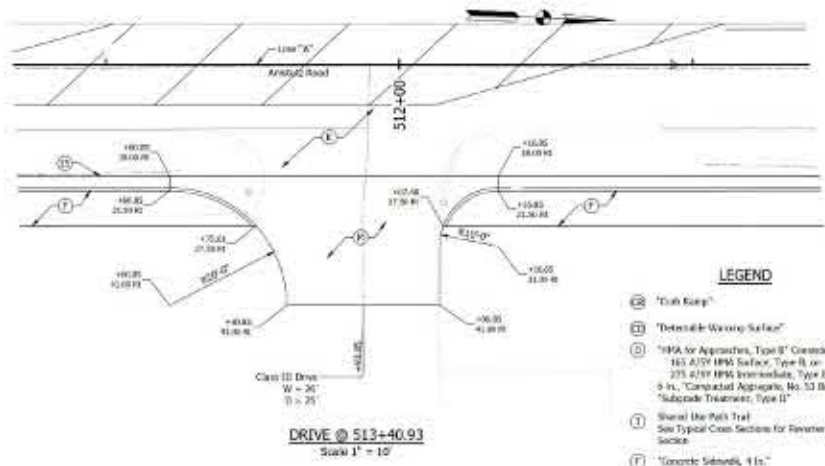
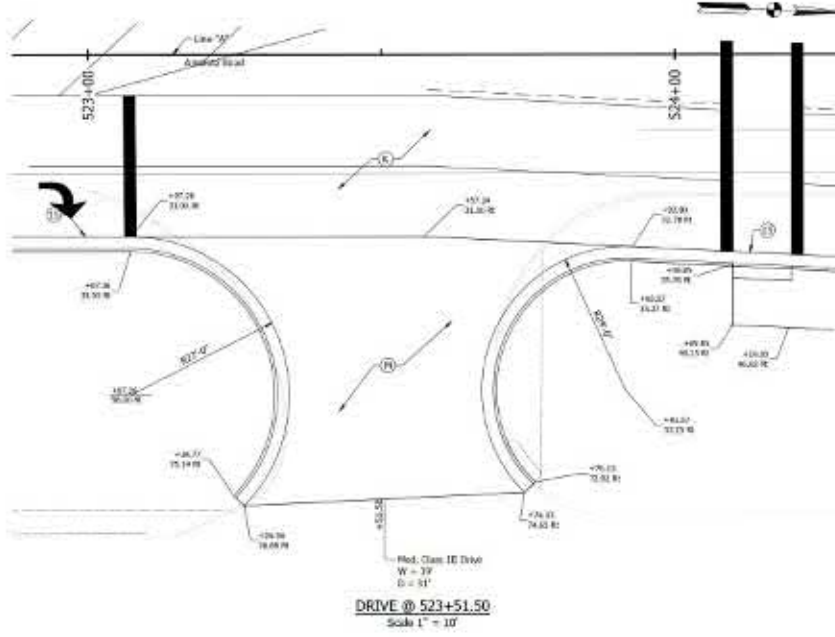
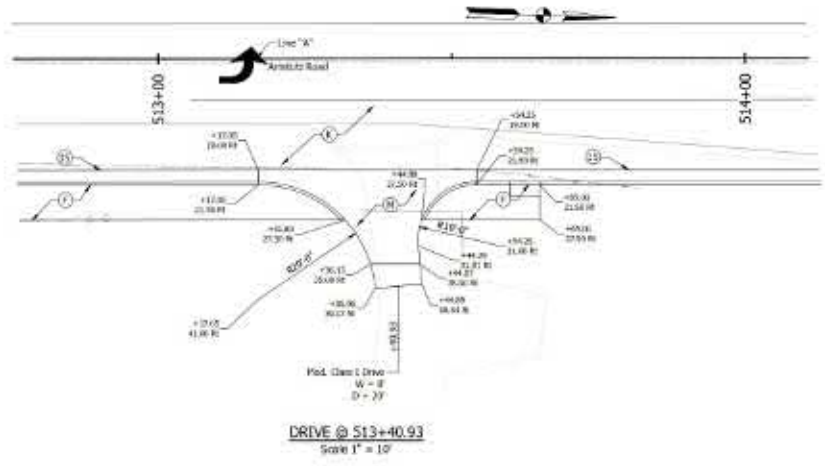
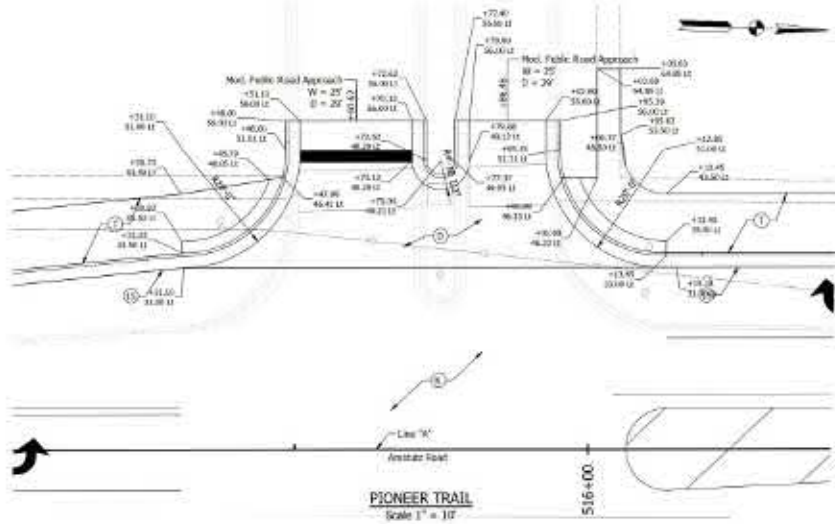
Job No. 2021-00000
 Project No. 2021-00000
 Date: 10/15/2021
 Scale: 1" = 10'
 Author: [Name]
 Checker: [Name]
 Date: 10/15/2021


ENGINEERING RESOURCES, INC.
 11750 N. 10th Street
 Suite 1000, Indianapolis, IN 46240

PRELIMINARY FOR REVIEW ONLY		APPROVED FOR APPROVAL _____ DATE _____ DESIGN ENGINEER CHECKED: JFW _____ DATE: 10/15/2021 DRAWN: JMB _____ CHECKED: JFW _____ DATE: 10/15/2021 DRAWN: JMB _____
-----------------------------	--	---

INDIANA DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DETAILS
 DRIVE APPROACH DETAILS

SCALE	1" = 10'	DESIGNATION	DRIVE APPROACH
DATE	10/15/2021	PROJECT	2021-00000
CONTRACT	2021-00000	PROJECT	2021-00000



- LEGEND**
- ⊗ "Club Foot"
 - ⊕ "Detectable Warning Surface"
 - ⊙ "195A for Approaches, Type B" Graveling of 165 A/37' 195B Intermediate, Type B, on 3 in. Compacted Aggregate, No. 53 Base", on "Subgrade Treatment, Type II"
 - ⊖ Show the Path Trail. See Typical Cross Sections for Reinforcement Section
 - ⊕ "Concrete Sidewalk, 4 in."

Job No. 2021-10000
 Project No. 2021-10000
 Date: 10/10/2021
 Scale: 1" = 10'
 Author: [Name]
 Checker: [Name]
 Date: 10/10/2021

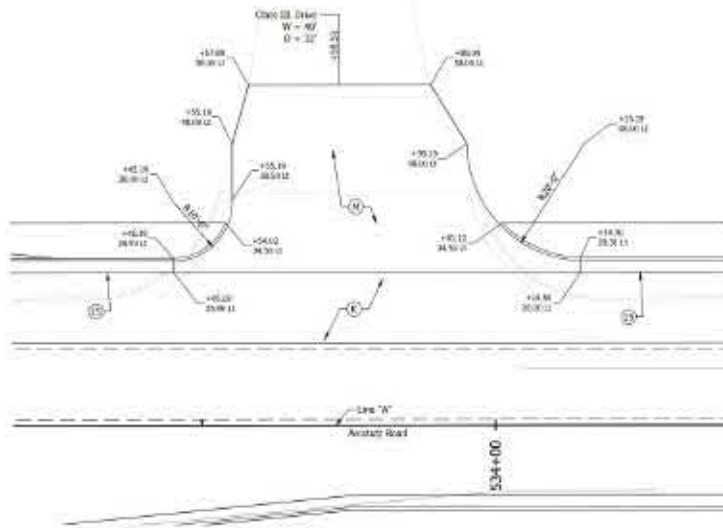

ENGINEERING RESOURCES, INC.
 4175 West Main Street
 Fort Collins, Colorado 80501

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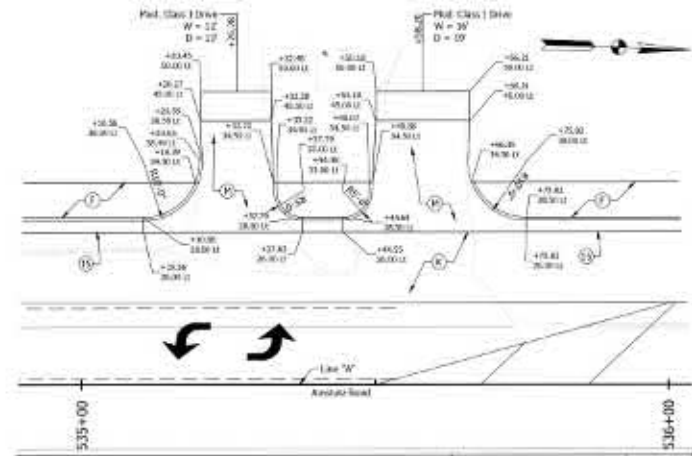
DESIGNED BY:	DRAWN BY:
CHECKED BY:	DATE:

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DETAILS
 DRIVE APPROACH DETAILS

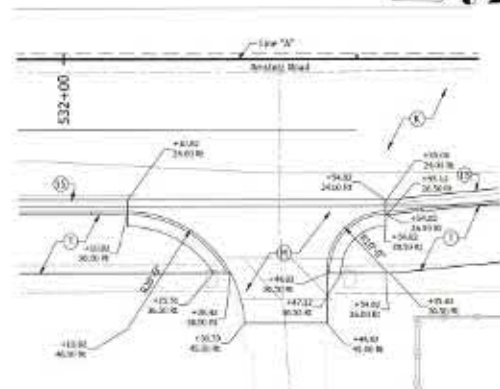
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REVISION	DESCRIPTION
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2	REVISED
3	REVISED
CONTRACT NO.	PROJECT NO.



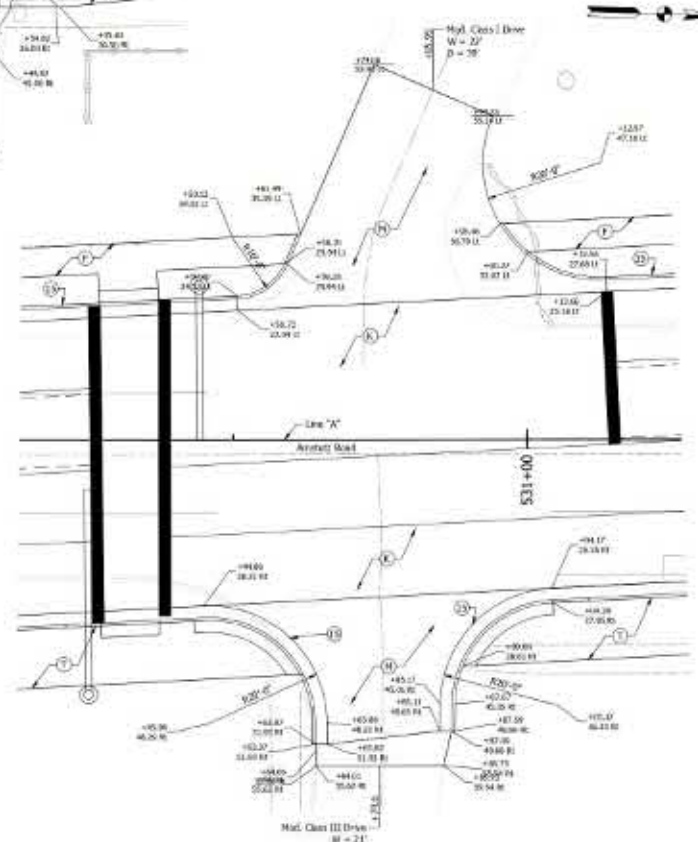
DRIVE @ 533+59.51
Scale 1" = 10'



DRIVES @ 535+26.28 & 535+58.20
Scale 1" = 10'



DRIVE @ 532+37.02
Scale 1" = 10'



DRIVES @ 530+74.60 & 530+85.95
Scale 1" = 10'

- LEGEND**
- ⊙ "Curb Ramp"
 - ⊕ "Distortable Wearing Surface"
 - Ⓜ "HMA for Approach, Type II" Consists of 165 4.75" HMA Surface, Type II, on 225 3/8" HMA Intermediate, Type II, on 8 in. "Compacted Aggregate, No. 57 Base", on "Subgrade Treatment, Type II"
 - Ⓜ Shared Use Path Trail
See Typical Cross-Section for Pavement Section
 - Ⓜ "Concrete Sidewalk, 4 in."

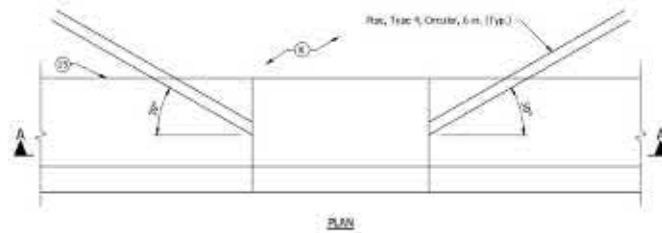
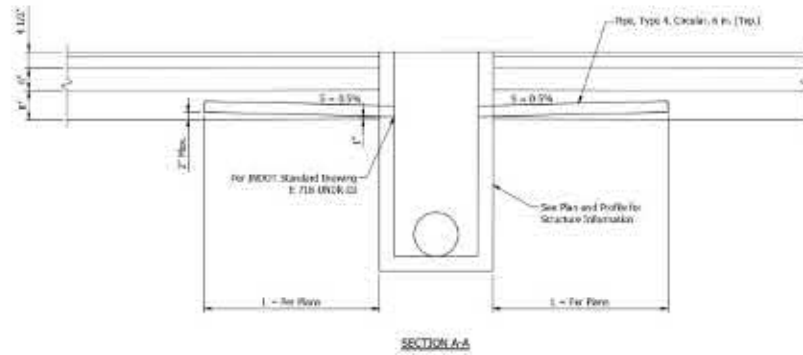
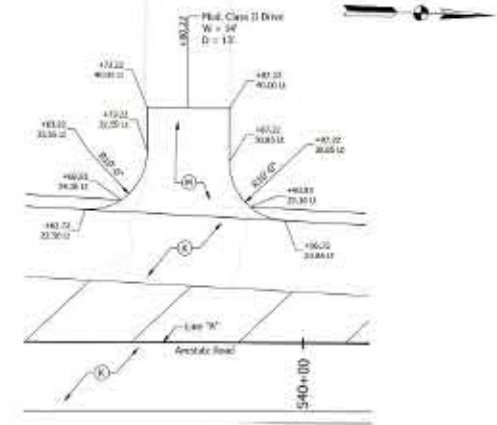
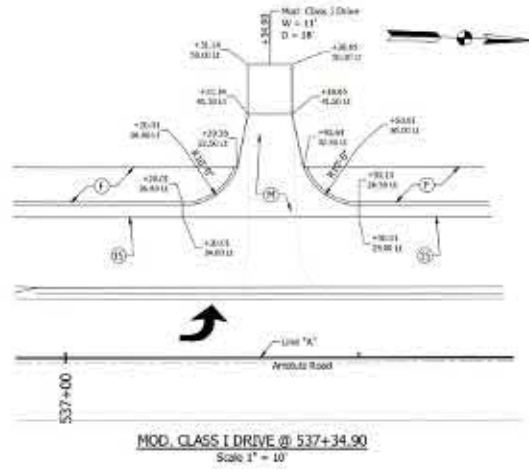


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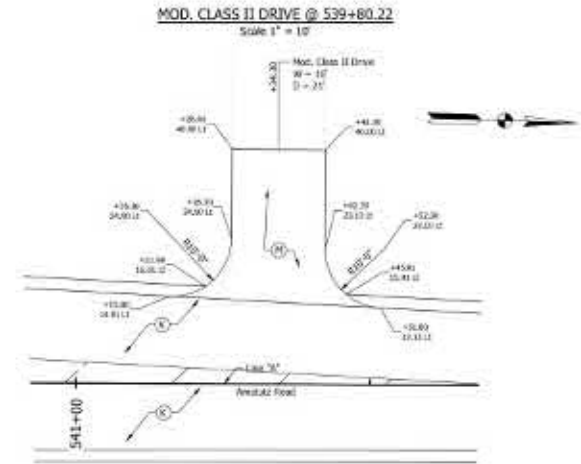
APPROVED FOR APPROVAL	DESIGNED BY	DATE
DRAWN BY	DATE	
CHECKED BY	DATE	

INDIANA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS
DRIVE APPROACH DETAILS

SCALE	REVISION
	DESCRIPTION
CONTRACT	PROJECT



SUBSURFACE DRAIN DETAIL
Scale: 3/4" = 1'-0"



MOD. CLASS II DRIVE @ 541+34.30
Scale 1" = 10'

- LEGEND**
- (X) Full Depth HMA, See Typical Cross Sections for Placement Section
 - (O) 18" In. Approaches, Type II* Consisting of 1.0" 4/21 HMA Surface, Type B, on 2.75" 4/21 HMA Intermediate, Type B, on 6 in. "Compacted Aggregate, No. 57 Base", on "Subgrade Treatment, Type II"
 - (S) "Concrete Curb and Gutter"
 - (R) Reinforcing 100-6/50 "OCQAHMA, 2, 64, Surface, 62cm", on "Paving, Asphalt, 1 1/2 in."
 - (U) "Welch Sealing, U"

PRELIMINARY
FOR REVIEW
ONLY

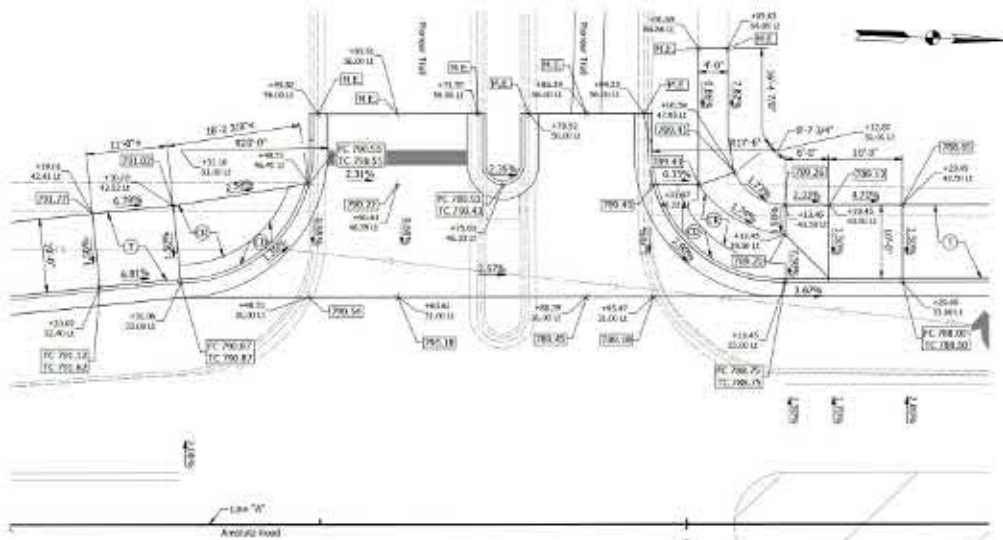
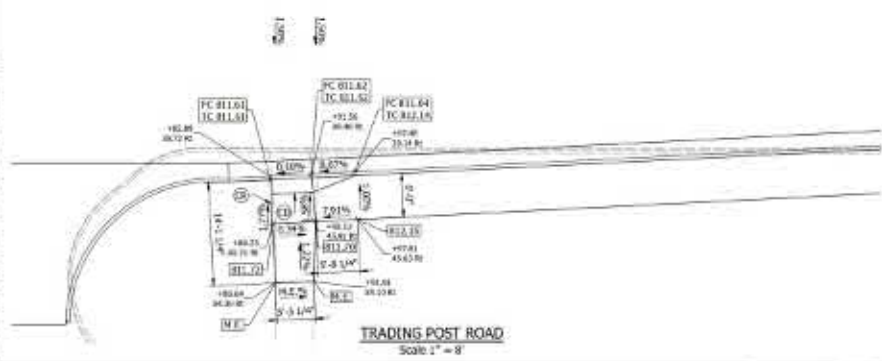
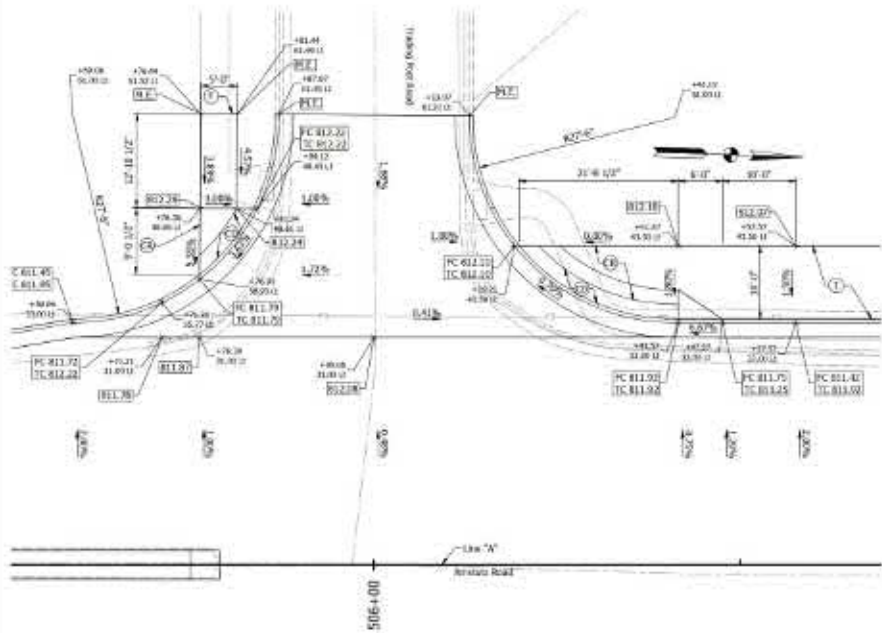
APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DRAWN: EJA	CHECKED: JFW	
DATE		

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE	5/8" = 1'-0"
DESIGNATION	IND 100A
DATE	6/17/13
PROJECT	44 197 18
CONTRACT	9-0-209
PROJECT	101108

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2175 West Street
Westerville, Ohio 43081
www.eri-inc.com



PIONEER TRAIL
Scale 1" = 8'

- LEGEND**
- ⊗ "Club Edge"
 - ⊕ "Detectable Warning Surface"
 - ⊙ "19A or Approach, Type B" consisting of 165 4/32" RMS Surface, Type B, on 275 4/32" RMS Intermediate, Type B, on 3 in. "Compacted Aggregate, No. 53 Base", on "Subgrade Treatment, Type II"
 - Ⓜ Show the Path Trail. See Typical Cross Sections for Reinforced Section.
 - Ⓣ "Concrete Sidewalk, 4 in."

Job No. 2021-0006
 Project No. 2021-0006
 Date: 08/11/2021
 Scale: 1" = 8'
 Author: JAW
 Checker: JAW
 Date: 08/11/2021



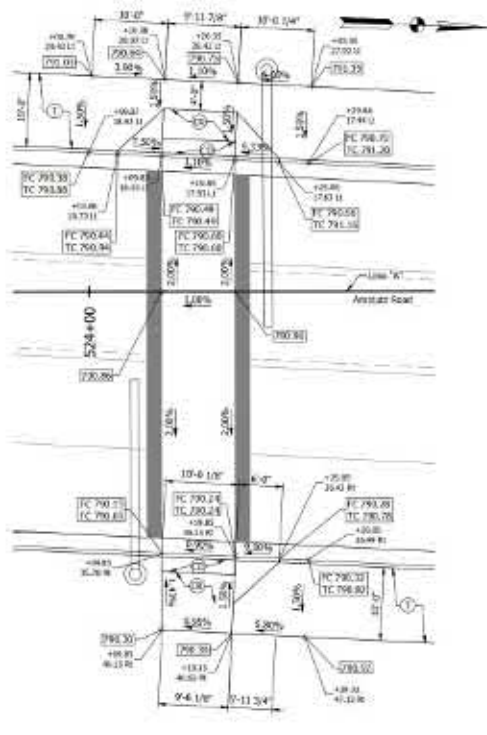
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FOR REVIEW
ONLY

DESIGNED BY:	DRAWN BY:
CHECKED BY:	DATE:

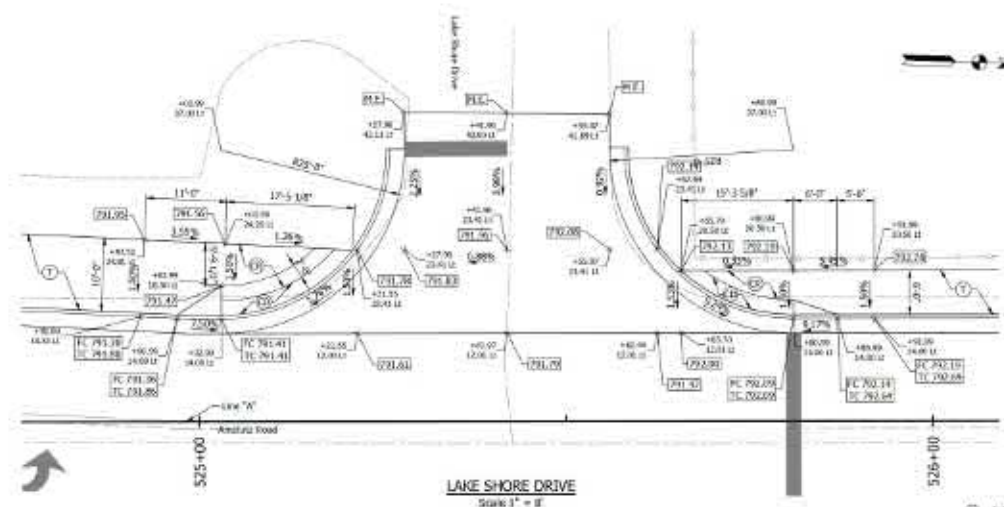
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
DRIVE APPROACH DETAILS

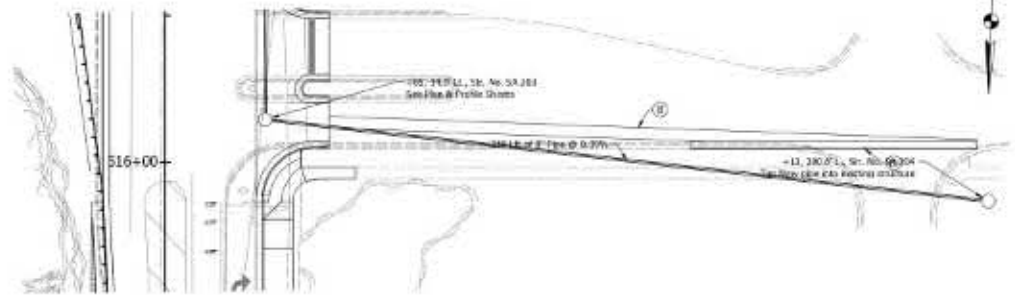
SCALE	REVISION	DESCRIPTION
1" = 8'	1	ISSUED FOR BIDDING
CONTRACT	PROJECT	DATE
2021-0006	2021-0006	08/11/2021



STA 524+00
Scale: 1" = 8'



LAKE SHORE DRIVE
Scale: 1" = 8'



PIONEER TRAIL
Scale: 1" = 20'

LEGEND

- ① "HMA Paving, Full Depth, 10"
- ② "Curb Ramp"
- ③ "Detectable Warning Surface"
- ④ "HMA for Approaches, Type 4" Consisting of 115 #10V HMA Surface, Type 8 on 275 #10V HMA Intermediate, Type 8, on 4" e.g., "Controlled Approach, No. 53 Base", on "Subgrade Treatment, Type 10"
- ⑤ Full Depth Section
See Typical Cross Sections for Pavement Section
- ⑥ Guard Use Rest Trail
See Typical Cross Sections for Pavement Section
- ⑦ "Concrete Sidewalk, 4.5"
- ⑧ "Concrete Curb and Gutter"

Job No. 2021-000001
 Project No. 2021-000001
 Date: 08/11/2021
 Scale: 1" = 8'
 Author: JWB
 Checker: JWB
 Date: 08/11/2021



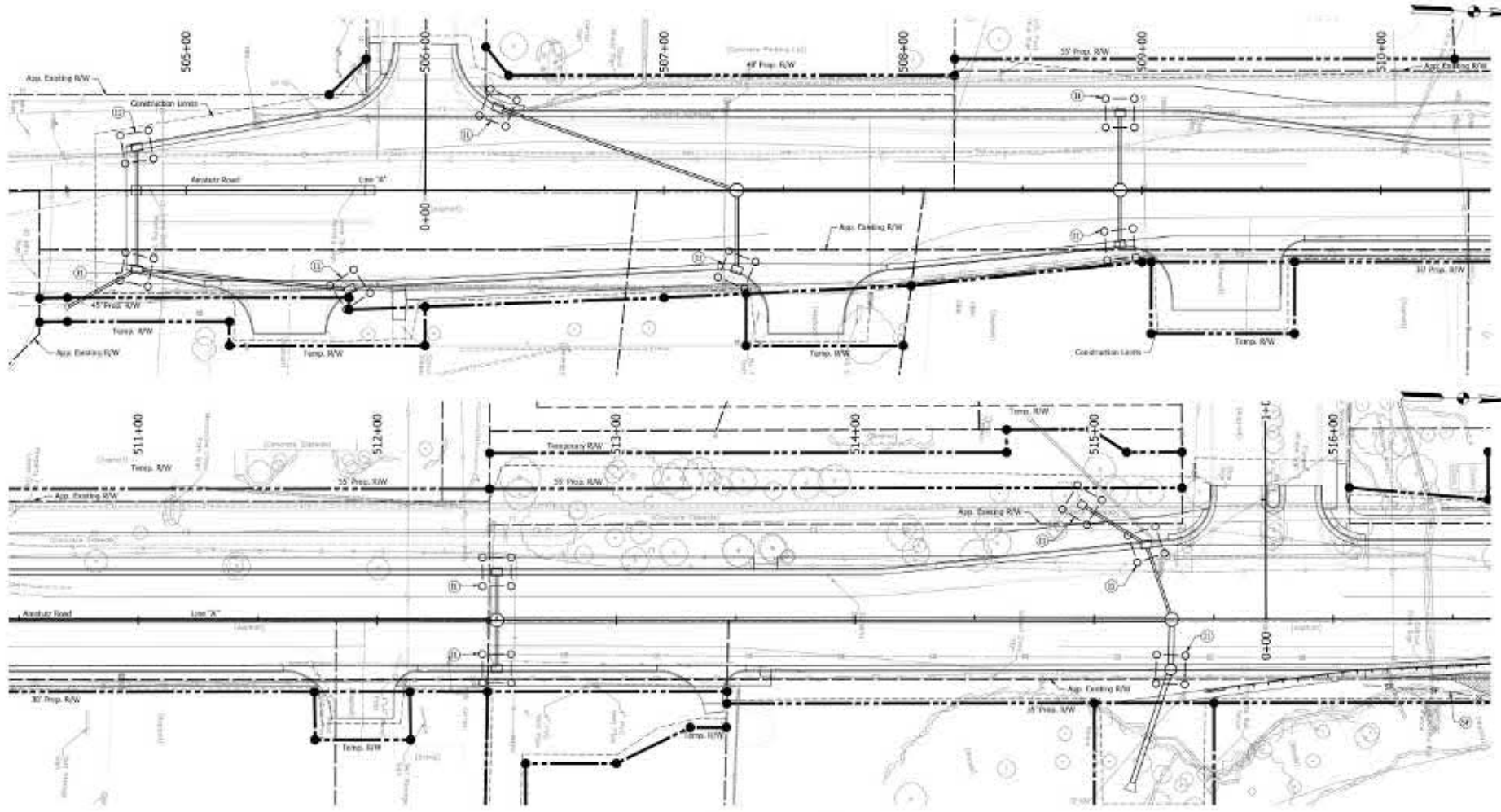
PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY:	DRAWN BY:
CHECKED BY:	CHECKED BY:

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
DRIVE APPROACH DETAILS

SCALE	REVISION
DESIGNATION	DATE
CONTRACT	PROJECT



TEMPORARY EROSION CONTROL PLAN
Scale: 1" = 20'

- LEGEND**
- IP "Temporary Inlet Protection"
 - SF "Temporary Silt Fence"
- Refer to Standard Drawings Series 206 for Details

Job No. 12-10-10-001
 Date: 12/10/10
 Project: I-69 Interchange at I-465
 Drawing: EROSION CONTROL PLAN


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 Fort Wayne, Indiana 46804
 Phone: (317) 841-1100
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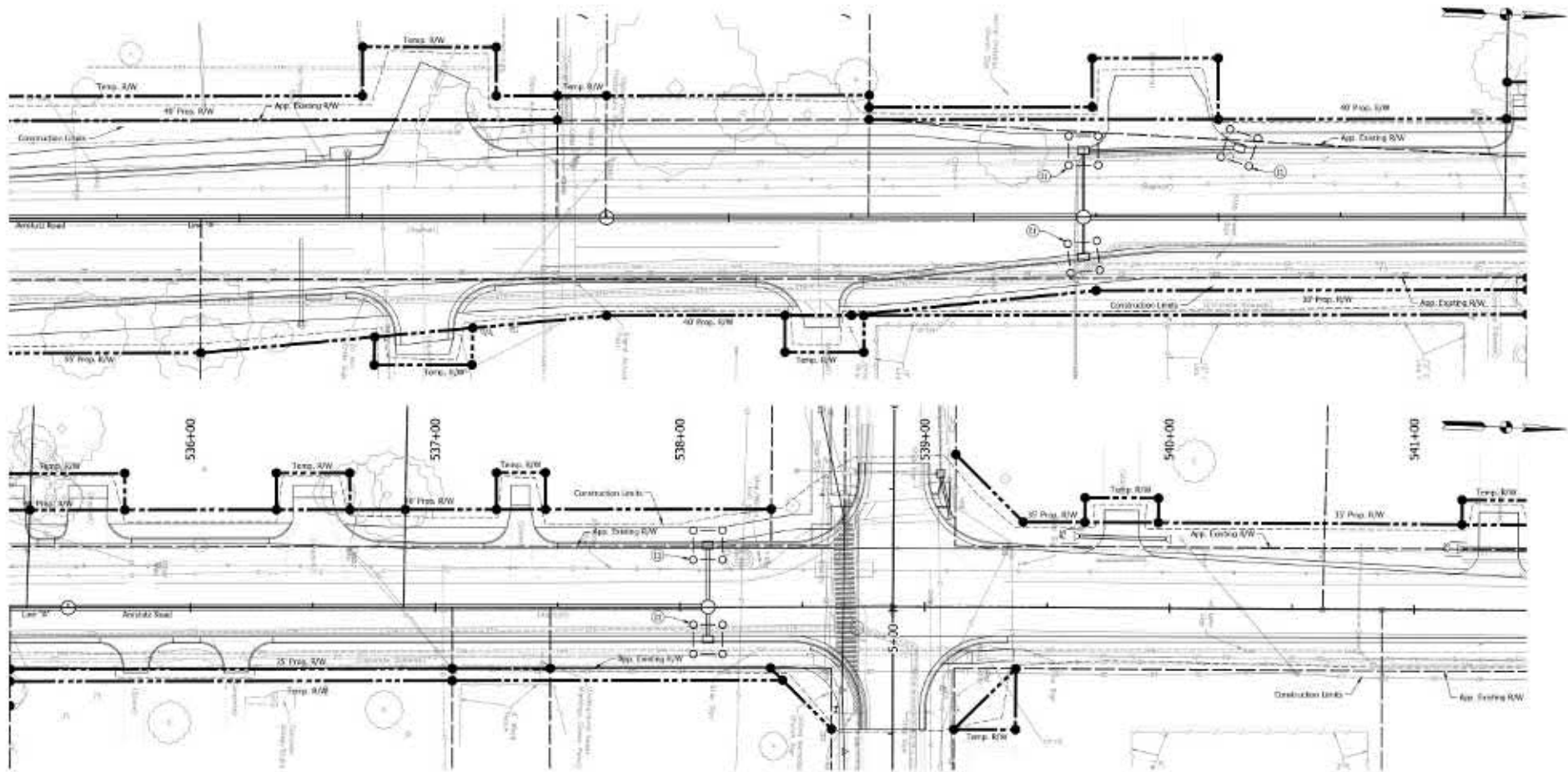
PRELIMINARY
FOR REVIEW
ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED BY	DRAWN BY	
CHECKED BY	CHECKED BY	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 EROSION CONTROL

SCALE	1" = 20'	DESIGNATION	ERS-100
DATE	12/10/10	PROJECT	I-69
CONTRACT	9-0-200	PROJECT	101100



TEMPORARY EROSION CONTROL PLAN
Scale: 1" = 20'

LEGEND

- Ⓜ "Temporary Inlet Protector"
- Ⓧ "Temporary Silt Fence"

Refer to Standard Drawings Series 205 for Details

Job No. 2011-0006
 Project: I-69/US-41/US-52/US-131/US-136/US-137/US-138/US-139/US-140/US-141/US-142/US-143/US-144/US-145/US-146/US-147/US-148/US-149/US-150/US-151/US-152/US-153/US-154/US-155/US-156/US-157/US-158/US-159/US-160/US-161/US-162/US-163/US-164/US-165/US-166/US-167/US-168/US-169/US-170/US-171/US-172/US-173/US-174/US-175/US-176/US-177/US-178/US-179/US-180/US-181/US-182/US-183/US-184/US-185/US-186/US-187/US-188/US-189/US-190/US-191/US-192/US-193/US-194/US-195/US-196/US-197/US-198/US-199/US-200/US-201/US-202/US-203/US-204/US-205/US-206/US-207/US-208/US-209/US-210/US-211/US-212/US-213/US-214/US-215/US-216/US-217/US-218/US-219/US-220/US-221/US-222/US-223/US-224/US-225/US-226/US-227/US-228/US-229/US-230/US-231/US-232/US-233/US-234/US-235/US-236/US-237/US-238/US-239/US-240/US-241/US-242/US-243/US-244/US-245/US-246/US-247/US-248/US-249/US-250/US-251/US-252/US-253/US-254/US-255/US-256/US-257/US-258/US-259/US-260/US-261/US-262/US-263/US-264/US-265/US-266/US-267/US-268/US-269/US-270/US-271/US-272/US-273/US-274/US-275/US-276/US-277/US-278/US-279/US-280/US-281/US-282/US-283/US-284/US-285/US-286/US-287/US-288/US-289/US-290/US-291/US-292/US-293/US-294/US-295/US-296/US-297/US-298/US-299/US-300/US-301/US-302/US-303/US-304/US-305/US-306/US-307/US-308/US-309/US-310/US-311/US-312/US-313/US-314/US-315/US-316/US-317/US-318/US-319/US-320/US-321/US-322/US-323/US-324/US-325/US-326/US-327/US-328/US-329/US-330/US-331/US-332/US-333/US-334/US-335/US-336/US-337/US-338/US-339/US-340/US-341/US-342/US-343/US-344/US-345/US-346/US-347/US-348/US-349/US-350/US-351/US-352/US-353/US-354/US-355/US-356/US-357/US-358/US-359/US-360/US-361/US-362/US-363/US-364/US-365/US-366/US-367/US-368/US-369/US-370/US-371/US-372/US-373/US-374/US-375/US-376/US-377/US-378/US-379/US-380/US-381/US-382/US-383/US-384/US-385/US-386/US-387/US-388/US-389/US-390/US-391/US-392/US-393/US-394/US-395/US-396/US-397/US-398/US-399/US-400/US-401/US-402/US-403/US-404/US-405/US-406/US-407/US-408/US-409/US-410/US-411/US-412/US-413/US-414/US-415/US-416/US-417/US-418/US-419/US-420/US-421/US-422/US-423/US-424/US-425/US-426/US-427/US-428/US-429/US-430/US-431/US-432/US-433/US-434/US-435/US-436/US-437/US-438/US-439/US-440/US-441/US-442/US-443/US-444/US-445/US-446/US-447/US-448/US-449/US-450/US-451/US-452/US-453/US-454/US-455/US-456/US-457/US-458/US-459/US-460/US-461/US-462/US-463/US-464/US-465/US-466/US-467/US-468/US-469/US-470/US-471/US-472/US-473/US-474/US-475/US-476/US-477/US-478/US-479/US-480/US-481/US-482/US-483/US-484/US-485/US-486/US-487/US-488/US-489/US-490/US-491/US-492/US-493/US-494/US-495/US-496/US-497/US-498/US-499/US-500/US-501/US-502/US-503/US-504/US-505/US-506/US-507/US-508/US-509/US-510/US-511/US-512/US-513/US-514/US-515/US-516/US-517/US-518/US-519/US-520/US-521/US-522/US-523/US-524/US-525/US-526/US-527/US-528/US-529/US-530/US-531/US-532/US-533/US-534/US-535/US-536/US-537/US-538/US-539/US-540/US-541/US-542/US-543/US-544/US-545/US-546/US-547/US-548/US-549/US-550/US-551/US-552/US-553/US-554/US-555/US-556/US-557/US-558/US-559/US-560/US-561/US-562/US-563/US-564/US-565/US-566/US-567/US-568/US-569/US-570/US-571/US-572/US-573/US-574/US-575/US-576/US-577/US-578/US-579/US-580/US-581/US-582/US-583/US-584/US-585/US-586/US-587/US-588/US-589/US-590/US-591/US-592/US-593/US-594/US-595/US-596/US-597/US-598/US-599/US-600/US-601/US-602/US-603/US-604/US-605/US-606/US-607/US-608/US-609/US-610/US-611/US-612/US-613/US-614/US-615/US-616/US-617/US-618/US-619/US-620/US-621/US-622/US-623/US-624/US-625/US-626/US-627/US-628/US-629/US-630/US-631/US-632/US-633/US-634/US-635/US-636/US-637/US-638/US-639/US-640/US-641/US-642/US-643/US-644/US-645/US-646/US-647/US-648/US-649/US-650/US-651/US-652/US-653/US-654/US-655/US-656/US-657/US-658/US-659/US-660/US-661/US-662/US-663/US-664/US-665/US-666/US-667/US-668/US-669/US-670/US-671/US-672/US-673/US-674/US-675/US-676/US-677/US-678/US-679/US-680/US-681/US-682/US-683/US-684/US-685/US-686/US-687/US-688/US-689/US-690/US-691/US-692/US-693/US-694/US-695/US-696/US-697/US-698/US-699/US-700/US-701/US-702/US-703/US-704/US-705/US-706/US-707/US-708/US-709/US-710/US-711/US-712/US-713/US-714/US-715/US-716/US-717/US-718/US-719/US-720/US-721/US-722/US-723/US-724/US-725/US-726/US-727/US-728/US-729/US-730/US-731/US-732/US-733/US-734/US-735/US-736/US-737/US-738/US-739/US-740/US-741/US-742/US-743/US-744/US-745/US-746/US-747/US-748/US-749/US-750/US-751/US-752/US-753/US-754/US-755/US-756/US-757/US-758/US-759/US-760/US-761/US-762/US-763/US-764/US-765/US-766/US-767/US-768/US-769/US-770/US-771/US-772/US-773/US-774/US-775/US-776/US-777/US-778/US-779/US-780/US-781/US-782/US-783/US-784/US-785/US-786/US-787/US-788/US-789/US-790/US-791/US-792/US-793/US-794/US-795/US-796/US-797/US-798/US-799/US-800/US-801/US-802/US-803/US-804/US-805/US-806/US-807/US-808/US-809/US-810/US-811/US-812/US-813/US-814/US-815/US-816/US-817/US-818/US-819/US-820/US-821/US-822/US-823/US-824/US-825/US-826/US-827/US-828/US-829/US-830/US-831/US-832/US-833/US-834/US-835/US-836/US-837/US-838/US-839/US-840/US-841/US-842/US-843/US-844/US-845/US-846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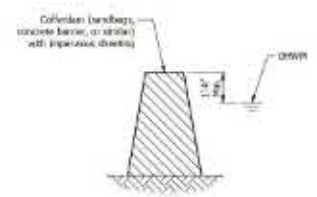
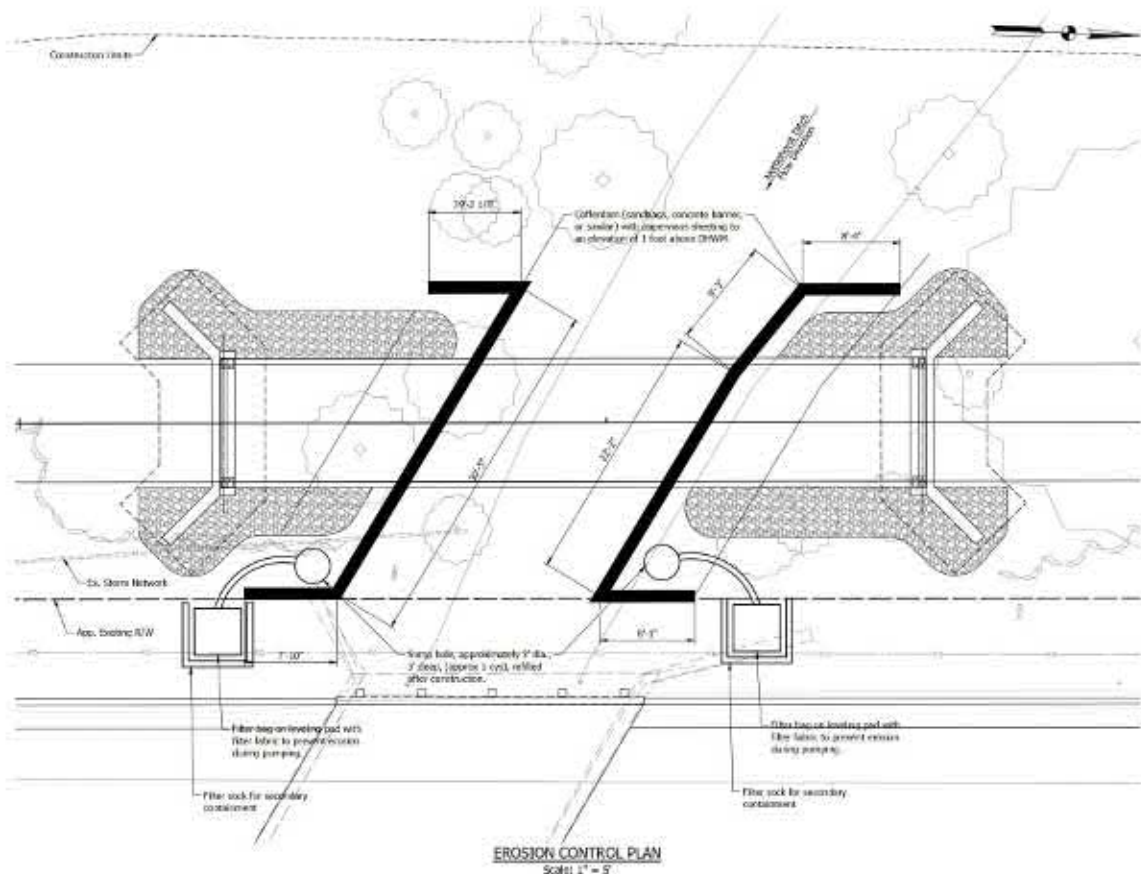
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DESIGNED BY	CHECKED BY	DATE
DRAFTER BY	CHECKED BY	

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

SCALE	REVISION	DESCRIPTION
CONTRACT	PROJECT	



TYPICAL COFFERDAM SECTION
Not to Scale

NOTES

- Excavated materials shall be disposed of in accordance with INDOT specifications.
- The schematic was submitted to the Army Corps of Engineers as the method of dewatering during construction. Alternate methods shall be in accordance with the Corps permit.
- Temporary dikes or cofferdams shall remain in place until all slopes have been stabilized.
- Disturbed grass areas within the floodplain shall be reseeded with Hoopland Mix.
- Proposed Storm Network not shown for clarification of Erosion Control Plan.
- Construction Sequence to be determined by Contractor.

Job No. 2021-000001
 Project No. 2021-000001
 Date: 10/21/2021
 Scale: 1" = 5'
 Author: J. Williams
 Checker: J. Williams
 Date: 10/21/2021


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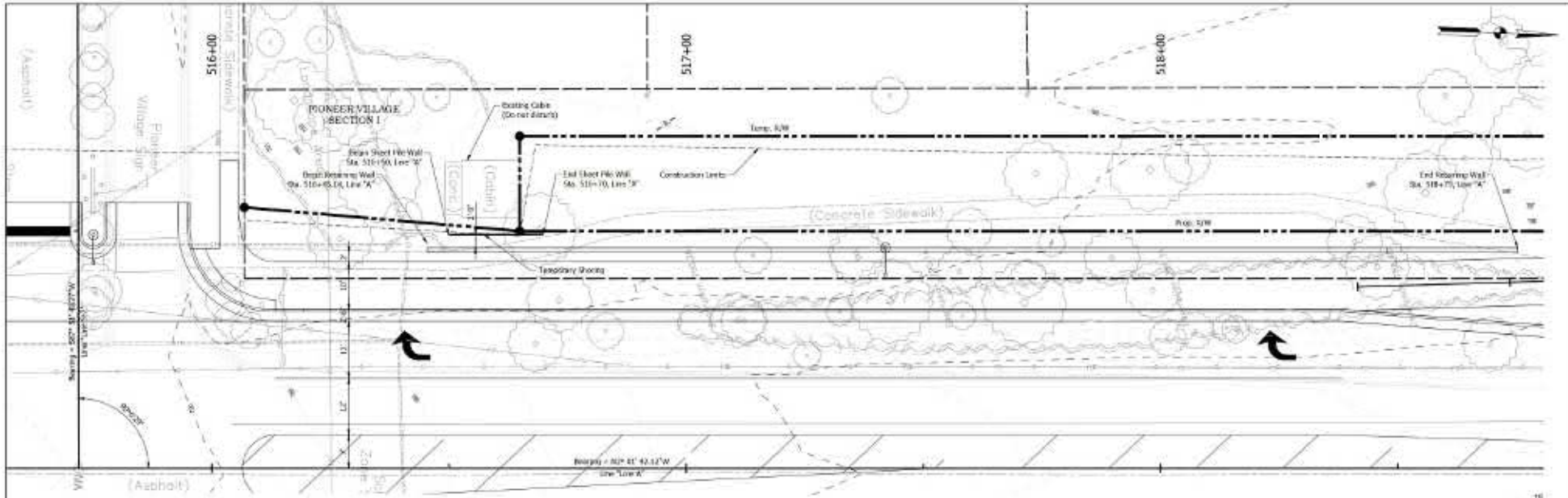
PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
CHECKED: J.W.	DRAWN: J.W.	
CHECKED: J.W.	DRAWN: J.W.	

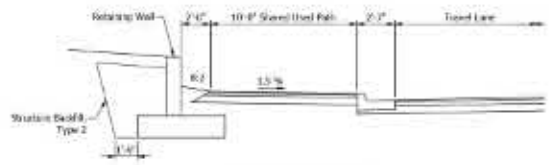
INDIANA
 DEPARTMENT OF TRANSPORTATION

 EROSION CONTROL
 DEWATERING PLAN

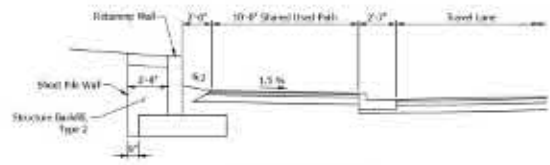
SCALE	1" = 5'
DESIGNATION	EROSION CONTROL
DATE	10/21/21
PROJECT	2021-000001
CONTRACT	2021-000001



PLAN
Scale: 1" = 30'



PROPOSED SECTION
Scale: 1/4" = 1'-0"
Sta. 516+45 to 516+90
Sta. 516+70 to 516+75



PROPOSED SECTION
Scale: 1/4" = 1'-0"
Sta. 516+90 to 516+70

Job No. 2021-000000
 Project No. 2021-000000
 Date: 10/10/2021
 Time: 10:10:10 AM
 User: J:\Projects\2021-000000\Drawings\2021-000000-00-RETAINING WALL DETAILS.dwg
 Plot Date: 10/10/2021 10:10:10 AM
 Plot Time: 10:10:10 AM
 Plot User: J:\Projects\2021-000000\Drawings\2021-000000-00-RETAINING WALL DETAILS.dwg



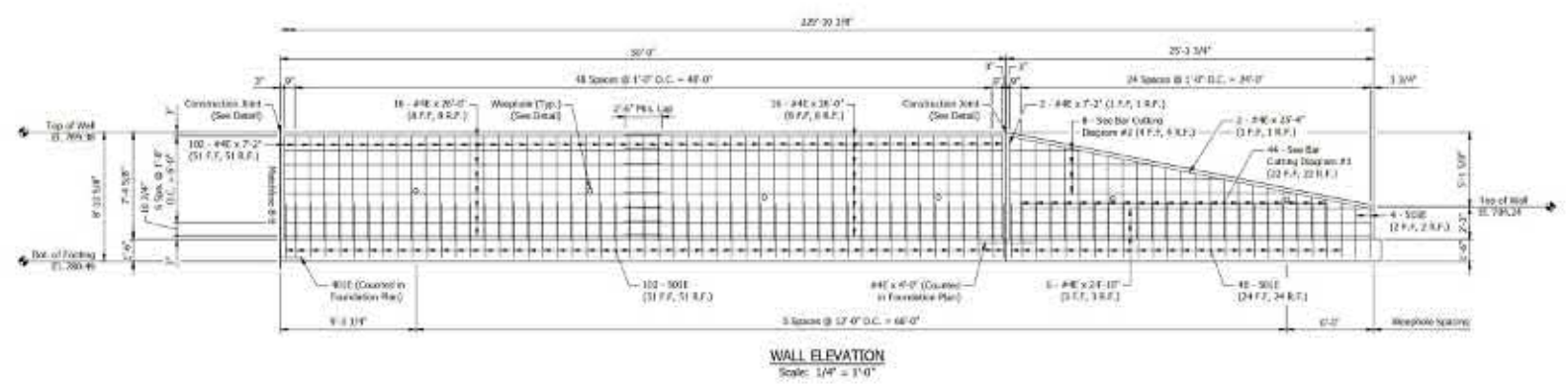
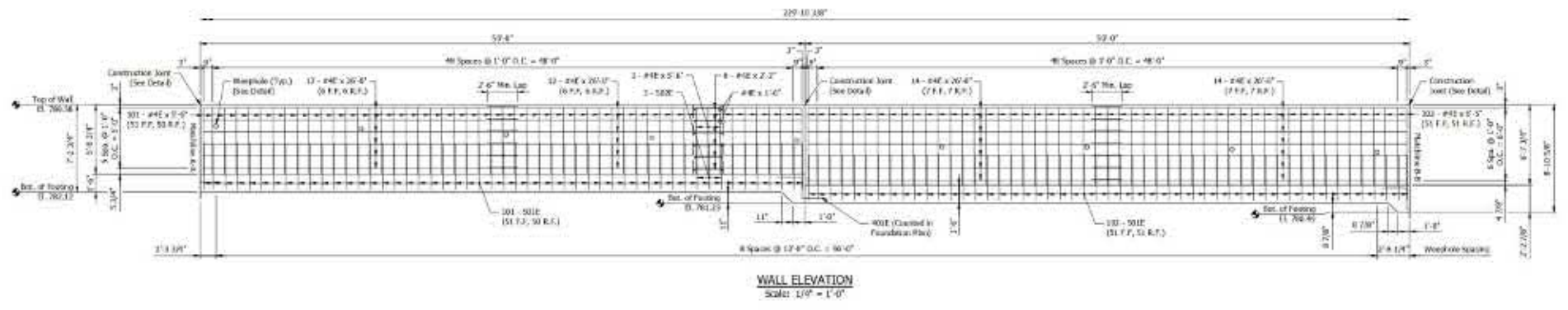
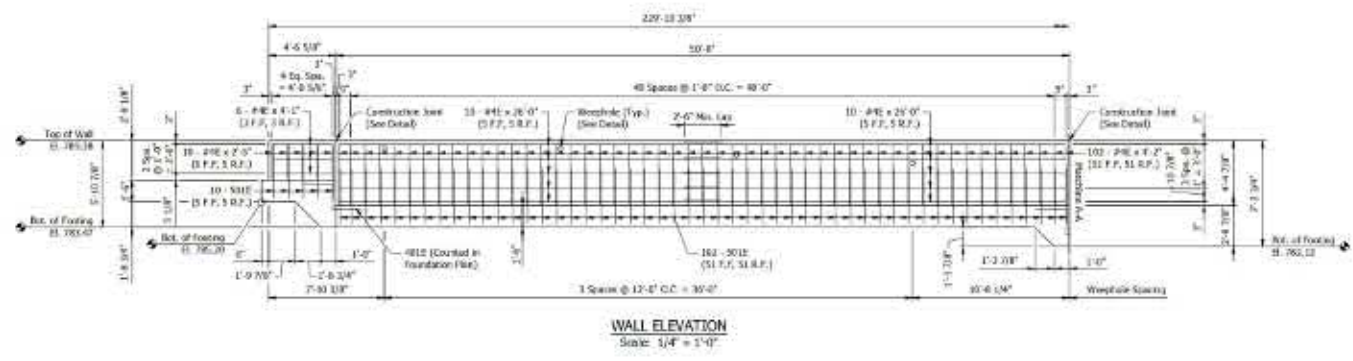
PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY	CHAIKIN, JIA
CHECKED BY	CHAIKIN, JIA

INDIANA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

SCALE	AS SHOWN
DESIGNATION	RETAINING WALL
DATE	10/10/2021
CONTRACT	2021-000000
PROJECT	2021-000000



Job No. 2021-00000
 Project No. 2021-00000
 Date: 10/10/2021
 Scale: 1/4" = 1'-0"



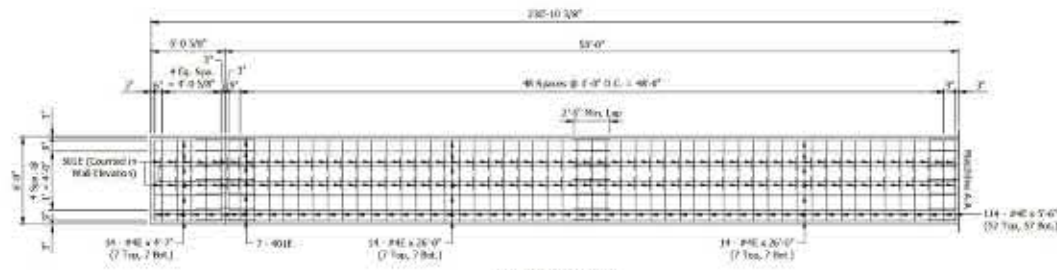
PRELIMINARY
FOR REVIEW
ONLY

APPROVED FOR OFFICIAL	DESIGNED BY	DATE
CHECKED: JIN	DRAWN: MEL	
CHECKED: AD	CHANGED: JME	

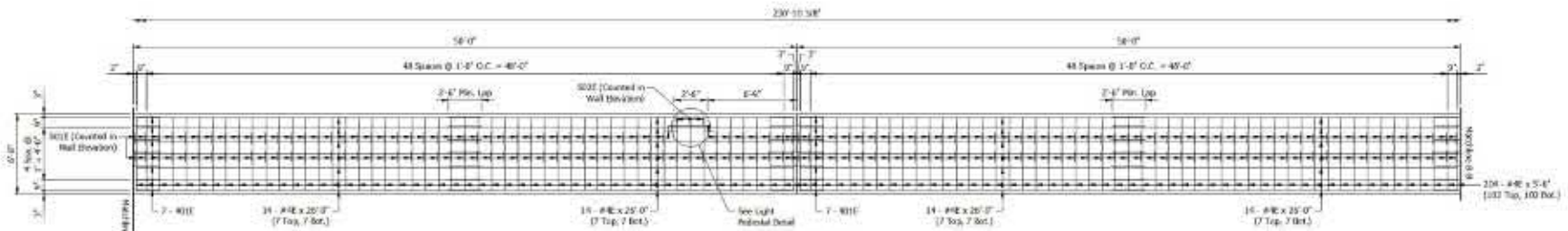
INDIANA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

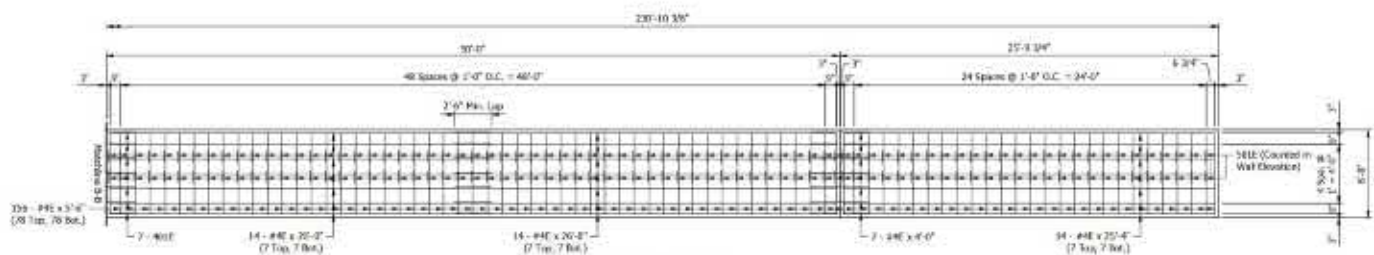
SCALE	1/4" = 1'-0"
DESIGNATION	RETAINING WALL
DATE	10/10/21
PROJECT	2021-00000



FOUNDATION PLAN
Scale: 1/4" = 1'-0"



FOUNDATION PLAN
Scale: 1/4" = 1'-0"



FOUNDATION PLAN
Scale: 1/4" = 1'-0"

Job No. 2011-00000
 Project Name: 2011-00000
 Date: 08/11/2011
 Scale: 1/4" = 1'-0"
 Drawing No.: 2011-00000-001



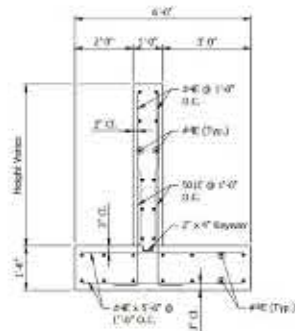
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FOR REVIEW
ONLY

APPROVED FOR APPROVAL	DESIGNED BY	DATE
CHECKED BY	DRAWN BY	
CHANGED BY	CHANGED BY	

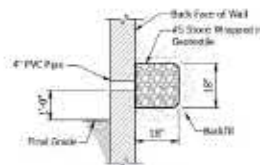
INDIANA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

SCALE	REVISION
DESIGNATION	DATE
CONTRACT	PROJECT
9-10-2009	1011008



TYPICAL WALL SECTION
Scale: 1/2" = 1'-0"



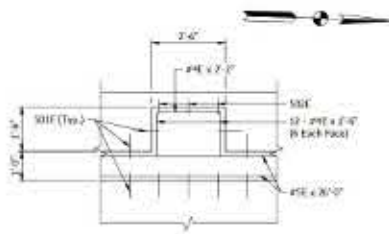
WEEP HOLE DETAIL
Scale: 1/2" = 1'-0"



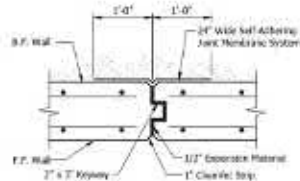
BAR CUTTING DIAGRAM #1
11' - 0" x 9'-0"
(Steel Ties)



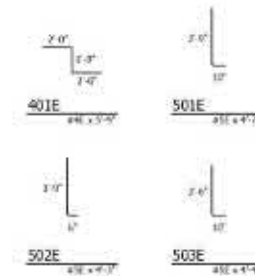
BAR CUTTING DIAGRAM #2
2' - 0" x 24'-5"
(Steel Ties)



LIGHT PEDESTAL DETAIL
Scale: 1/2" = 1'-0"



CONSTRUCTION JOINT
Scale: 1/2" = 1'-0"



BAR BENDING DETAILS
Scale: N.T.S.

BILL OF MATERIALS			
RETAINING WALL FOOTING			
MARK OR SIZE	NO. REQ'D	LENGTH	WEIGHT
#4E	26	3'-0"	
#4E	112	26'-0"	
#4E	14	25'-4"	
#4E	414	3'-0"	
#4E	14	4'-0"	
#4E	7	4'-0"	
Total #4 Epoxy Coated Reinf. Bars			4,243#
Total Epoxy Coated Reinf. Bars			4,243#
CONCRETE			
Concrete, B. Footings			76.0 CYS

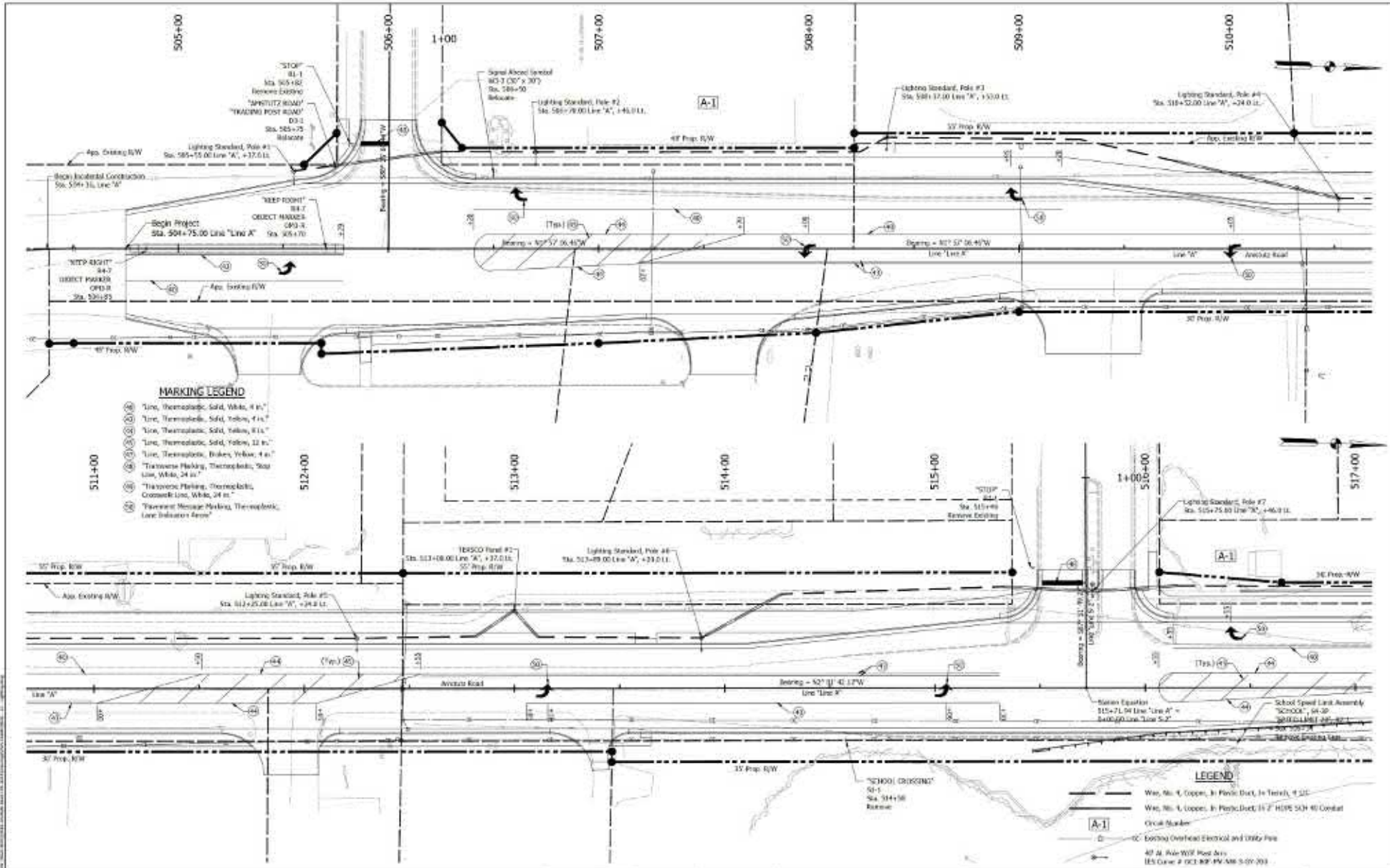
BILL OF MATERIALS			
RETAINING WALL			
MARK OR SIZE	NO. REQ'D	LENGTH	WEIGHT
#4E	465	4'-0"	
#4E	3	4'-0"	
#4E	4	4'-0"	
Total #4 Epoxy coated Reinf. Bars			2,215#
#4E	304	26'-0"	
#4E	3	25'-4"	
#4E	6	24'-10"	
#4E	4	24'-5"	
#4E	22	19'-0"	
#4E	304	3'-0"	
#4E	182	6'-0"	
#4E	304	3'-0"	
#4E	182	4'-0"	
#4E	6	4'-1"	
#4E	10	2'-0"	
#4E	6	2'-0"	
#4E	12	1'-0"	
Total #4 Epoxy Coated Reinf. Bars			4,812#
Total Epoxy Coated Reinf. Bars			4,812#
CONCRETE			
Concrete, C. Superstructure			30.6 CYS
MISCELLANEOUS			
Structure Rebar/E, Type 2			132 CYS

Job No. 2023-10000
 Project No. 2023-10000
 Date: 10/20/23
 Scale: As Shown
 Drawing No. 2023-10000-01



PRELIMINARY FOR REVIEW ONLY APPROVED FOR APPROVAL DESIGN ENGINEER DATE CHECKED: JIN DRAWN: MEL CHECKED: AD SHARED: JMB	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS
---	---

SOUTH 10/20/23 DESIGNATION 2023-10000-01 SHEETS 51 OF 118 CONTRACT 2023-10000 PROJECT 2023-10000



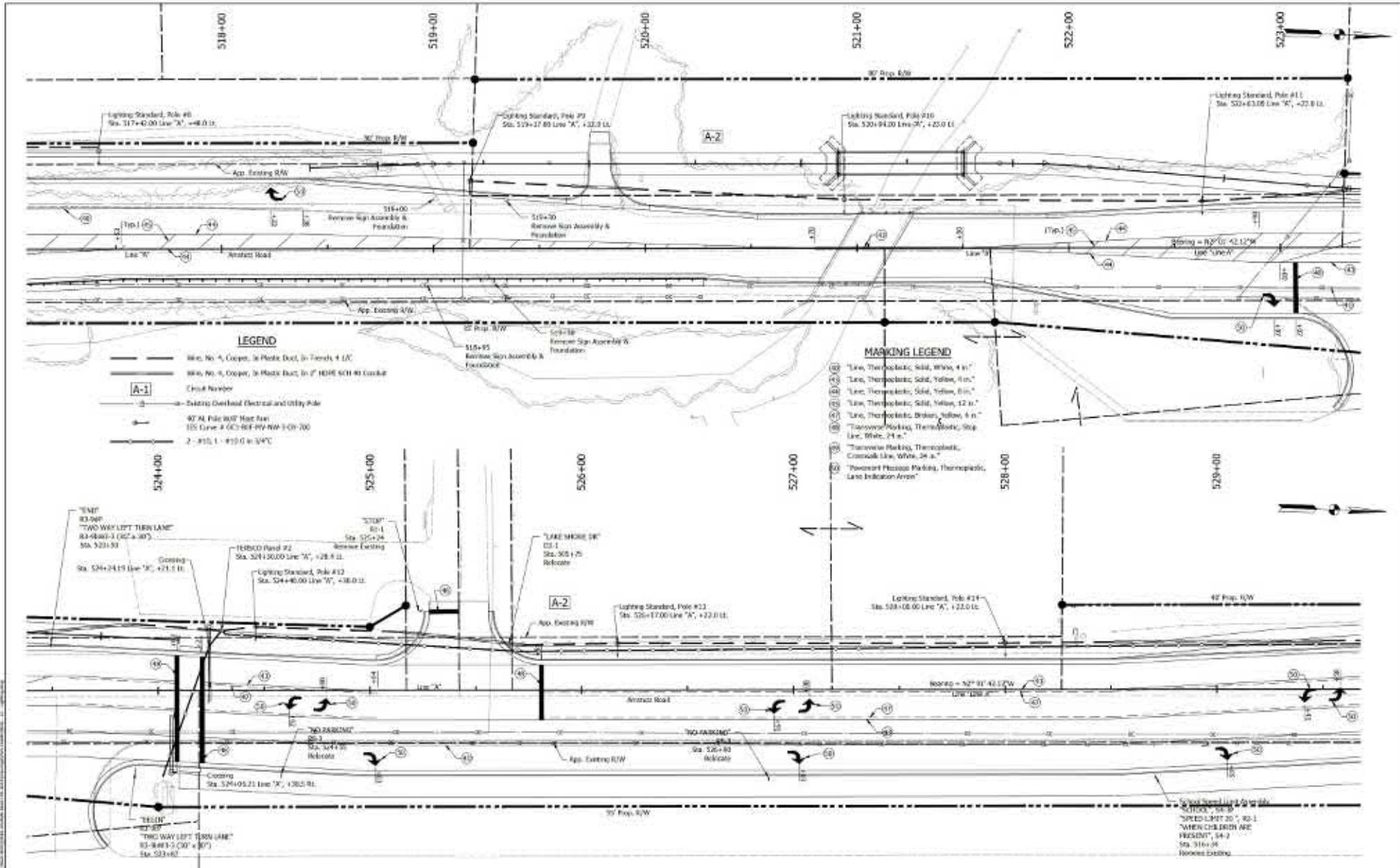
MARKING LEGEND

- (1) Line, Thermoplastic, Solid, White, 4 in.
- (2) Line, Thermoplastic, Solid, Yellow, 4 in.
- (3) Line, Thermoplastic, Solid, Yellow, 8 in.
- (4) Line, Thermoplastic, Solid, Yellow, 12 in.
- (5) Line, Thermoplastic, Broken, White, 4 in.
- (6) Transverse Flanking, Thermoplastic, Stop Line, White, 24 in.
- (7) Transverse Flanking, Thermoplastic, Center Line, White, 24 in.
- (8) Pavement Marking, Thermoplastic, Lane Induction Arrow

LEGEND

- Wire, No. 4, Copper, In Plastic Duct, In Trench, 4 1/2"
- Wire, No. 4, Copper, In Plastic Duct, 1/2" HDPE SCH 40 Conduit
- (A-1) Circuit Number
- ⊙ Existing Overhead Electrical and Utility Pole
- ⊙ 40 ft. Pole With Road Arm
- ⊙ 125' Corner # 001 R/W Pole With 5'-0" Top

 ENGINEERING RESOURCES, INC. <small>11110 E. 11th Ave. Suite 100, Denver, CO 80231</small>	PRELIMINARY FOR REVIEW ONLY	APPROVED FOR APPROVAL _____ DATE _____ DESIGN ENGINEER	INDIANA DEPARTMENT OF TRANSPORTATION SIGNAGE, LIGHTING, & PAVEMENT MARKINGS	2014 11-22	DESIGNATION 11110A
		CHECKED: JEN _____ DRAWN: BJA _____		CONTRACT 9-0209	SHEETS 24 OF 28 PROJECT 11110A



- LEGEND**
- 1/2" No. 4 Copper, in Plastic Duct, in Trenches 4' LC
 - 1/2" No. 4 Copper, in Plastic Duct, in 2" HDPE SCH 80 Conduit
 - ①-⑩ Circuit Number
 - Existing Overhead Electrical and Utility Pole
 - 47' AL Pole W/8' Mast Arm
105 Curve A GC3-601-PV-WP-1-01-700
 - 2 - #10, 1 - #10.0 in 3/4"

- MARKING LEGEND**
- ① Line, Thermoplastic, Solid, White, 4 in.
 - ② Line, Thermoplastic, Solid, Yellow, 4 in.
 - ③ Line, Thermoplastic, Solid, Yellow, 6 in.
 - ④ Line, Thermoplastic, Solid, Yellow, 12 in.
 - ⑤ Line, Thermoplastic, Broken, Yellow, 4 in.
 - ⑥ Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
 - ⑦ Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
 - ⑧ Forward Platoon Marking, Thermoplastic, Lane Indication Arrow



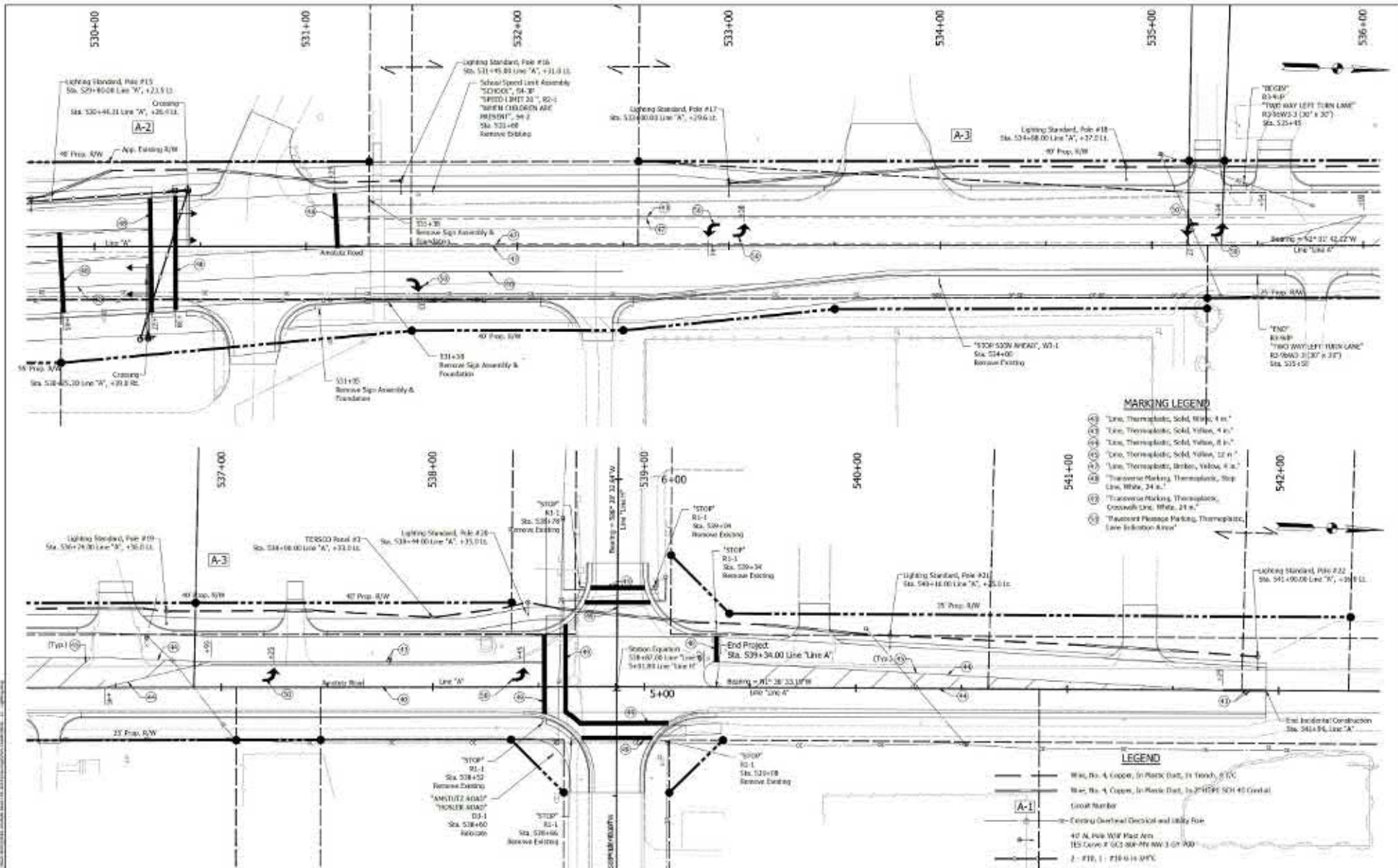
PRELIMINARY
FOR REVIEW
ONLY

DESIGNED BY	DRAMA, BJA
CHECKED BY	CHAPMAN, JMB

INDIANA
DEPARTMENT OF TRANSPORTATION

**SIGNAGE, LIGHTING, &
PAVEMENT MARKINGS**

DATE	7-22
DESIGNATION	181104
SHEET	25 OF 28
CONTRACT	9-0209
PROJECT	181104



MARKING LEGEND

- (1) Line, Thermoplastic, Solid, White, 4 in.
- (2) Line, Thermoplastic, Solid, Yellow, 4 in.
- (3) Line, Thermoplastic, Solid, Yellow, 6 in.
- (4) Line, Thermoplastic, Solid, Yellow, 12 in.
- (5) Line, Thermoplastic, Broken, Yellow, 4 in.
- (6) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (7) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
- (8) Maximum Passage Marking, Thermoplastic, Lane Induction Arrow

LEGEND

- W&W, No. 4 Copper, In Mark, Dist. In Thirds, 8" VC
- W&W, No. 4 Copper, In Mark, Dist. In 2/3 RISE SCH 40 Girthal
- Grade Number
- Center Vertical Curved and Utility Pole
- 40 AL Pole W&W Mast Arm
- IES Curve # GC3 300-MW 3 or 700
- 1 - #18, 1 - #18 6-14 WPC

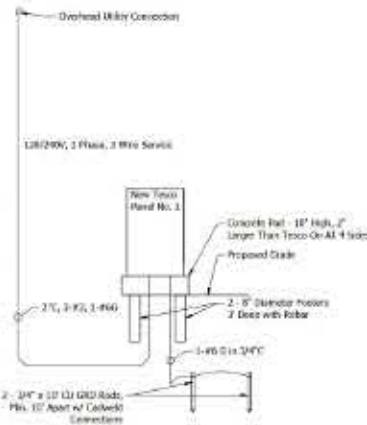


PRELIMINARY FOR REVIEW ONLY

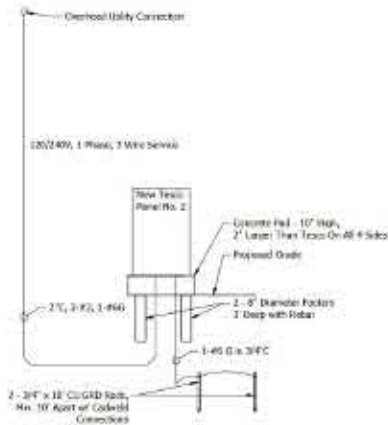
APPROVED FOR OFFICIAL	DESIGN ENGINEER	DATE
DICKENS, JIN	DRAHAR, BJA	
CHECKED: AD	DRAHAR, JIM	

INDIANA DEPARTMENT OF TRANSPORTATION
SIGNAGE, LIGHTING, & PAVEMENT MARKINGS

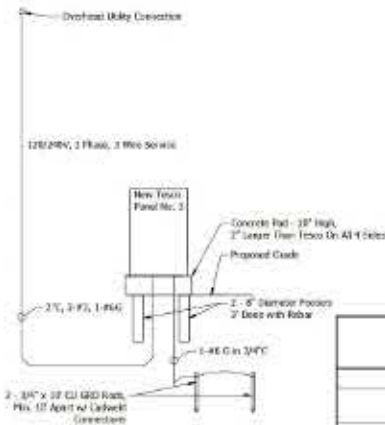
DATE	REVISION
7-2-22	
	DESIGNATION
	DATE
	NO. OF SHEETS
	PROJECT
	CONTRACT
	NO.



Electrical Riser Diagram - Panel No. 1
Scale: 1/8" = 1'-0"



Electrical Riser Diagram - Panel No. 2
Scale: 1/8" = 1'-0"



Electrical Riser Diagram - Panel No. 3
Scale: 1/8" = 1'-0"

GENERAL ELECTRICAL NOTES

Contractor shall visit site and field verify existing conditions.
Contractor is responsible for location of utilities both public and private that may interfere with this work.
Contractor shall pay all fees and costs not borne by local utility company, this includes power, telephone, and cable utilities, to provide a complete re-connection service.
Electrical work shown on this sheet is new and by the electrical contractor unless noted otherwise.
The electrical work shall consist of all labor and material to completely install the electrical work as indicated on the drawings.
The entire installation shall conform to the 2008 National Electric Code (NEC) and all state and local codes and ordinances.
The entire system shall be grounded in accordance with the 2008 National Electric Code and all state and local codes and ordinances.
All wiring shall be copper with Type THHN, THWN, THHW or RHHW insulation as specified per NEC.
Upon completion of all work, test wiring and wiring devices for grounds. Measure impedance on each branch circuit (completed) to ensure that loading does not exceed 80% of branch circuit rating. Test each breaker for proper operability.
E.C. shall review all drawings and specifications for additional work. Coordinate all electrical work with other trades, all conflicts shall be brought to the attention of the engineer for clarification.
All branch circuits shall have green grounded conductors with circuit.

TESCO PANEL SCHEDULE PANEL NO. 1

ITEM	QTY	DESCRIPTION	REMARKS
1	1	TESCO Lighting Service Pedestal W/Integral Pallet Base Type 27-200	1
2	1	100A/2P MCB	
3	2	300' Lighting Conductor / LED Cables	
4	1	10A Switch Wired To Lighting Conductor, Mounted Internally	
5	4	20A/2P Circuit Breaker (Wired Through Lighting Conductor)	
6	1	15A/2P Circuit Breaker (For Controls)	
7	1	Photo Eye Base In Top Of Pedestal W/ Test & Lock Photo Eye	

Remarks: 1. Factory Painted "Black"

TESCO PANEL SCHEDULE PANEL NO. 2

ITEM	QTY	DESCRIPTION	REMARKS
1	1	TESCO Lighting Service Pedestal W/Integral Pallet Base Type 27-200	1
2	1	100A/2P MCB	
3	2	300' Lighting Conductor / LED Cables	
4	1	10A Switch Wired To Lighting Conductor, Mounted Internally	
5	4	20A/2P Circuit Breaker (Wired Through Lighting Conductor)	
6	1	15A/2P Circuit Breaker (For Controls)	
7	2	20A/2P Circuit Breaker (For Crossing Pedestal)	
8	1	Photo Eye Base In Top Of Pedestal W/ Test & Lock Photo Eye	

Remarks: 1. Factory Painted "Black"

TESCO PANEL SCHEDULE PANEL NO. 3

ITEM	QTY	DESCRIPTION	REMARKS
1	1	TESCO Lighting Service Pedestal W/Integral Pallet Base Type 27-200	1
2	1	100A/2P MCB	
3	2	300' Lighting Conductor / LED Cables	
4	1	10A Switch Wired To Lighting Conductor, Mounted Internally	
5	4	20A/2P Circuit Breaker (Wired Through Lighting Conductor)	
6	1	15A/2P Circuit Breaker (For Controls)	
7	1	Photo Eye Base In Top Of Pedestal W/ Test & Lock Photo Eye	

Remarks: 1. Factory Painted "Black"

LINE "A-1,2"

LINENAGE NO.	1	2	3	4	5	6	7	8
LOCATION (STATIONING)	585+55	596+09	596+37	599+52	593+25		585+75	587+42
CONNECTION TYPE	L	Z	Z	Z	Z	Z	Z	L
CIRCUIT CONNECTION	R	R	R	R	R	R	R	R
TOP FOUNDATION ELEV. WITH RESPECT TO TOP OF CURB	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'
LINENAGE E.P.M. (ft)	47	48	48	48	48	48	47	47

LINE "B-1,2"

LINENAGE NO.	9	10	11	12	13	14	15	16
LOCATION (STATIONING)	529+47	526+64	522+63	524+46	526+17	528+30	529+70	531+40
CONNECTION TYPE	L	Z	Z	Z	Z	Z	Z	L
CIRCUIT CONNECTION	R	R	R	R	R	R	R	R
TOP FOUNDATION ELEV. WITH RESPECT TO TOP OF CURB	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'
LINENAGE E.P.M. (ft)	47	48	48	48	48	48	47	47

LINE "C-1,2"

LINENAGE NO.	17	18	19	20	21	22
LOCATION (STATIONING)	513+48	514+68	516+74	518+44	518+18	514+30
CONNECTION TYPE	L	Z	Z	Z	Z	Z
CIRCUIT CONNECTION	R	R	R	R	R	R
TOP FOUNDATION ELEV. WITH RESPECT TO TOP OF CURB	1.5'	1.5'	1.5'	1.5'	1.5'	1.5'
LINENAGE E.P.M. (ft)	47	48	48	48	48	48



PRELIMINARY FOR REVIEW ONLY

DESIGNED BY	CHECKED BY	DRAWN BY	CHECKED BY
JEN	ALL	JMA	JMA

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAGE, LIGHTING, & PAVEMENT MARKINGS

DATE	REVISION
11-11-22	ISSUANCE
	DESIGNATION
	PROJECT
	PROJECT NO.

TRAFFIC SIGNAL TABLE																										
LOCATION				CONTROLLER				SIGNAL				WIRING AND CONDUITS							LOOPS		PESCELLANEOUS					
LOCATION	QUADRANT	LIFE	SIDE	EXTRA SERVICE POINT	CONTROLLER CABINET FOUNDATION	SIGNAL CONTROLLER CABINET	PERMISSIVE PUSH BUTTON, APS	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MIN 20 FT)	SIGNAL CONTROLLER STRUCTURE (HEIGHT MAX 35 FT)	
																										TYPE
Cracking A																										
Cracking B																										
TOTALS																										

LIGHTING TABLE																										
LOCATION				SERVICE POINT	POLE				WIRING AND CONDUITS							SUPPLEMENTS				PESCELLANEOUS				REMARKS		
STATION					HEIGHT	HEIGHT	HEIGHT	HEIGHT	WIRE				CABLE DUCT HANGER	ROADWAY LIGHT FIXTURE	ROADWAY LIGHT FIXTURE	ROADWAY LIGHT FIXTURE	ROADWAY LIGHT FIXTURE	CONNECTOR KIT		MULTIPLE CONNECTION FITTING						
FROM	TO	LINE	SIDE						TYPE	EACH	FT	FT						EACH	EACH	FT	FT	FT	FT		FT	FT
505+55	517+42	A-3	RT	1	48	8	8	7				310	TRENCH	4	DUCT		100									
509+57	520+45	A-2	RT	1	48	8	8	8	858	205	TRENCH	4	DUCT	1/C	150		550									
														4	DUCT	1/C	295									
523+00	541+00	A-3	RT	1	48	8	8	6			360	TRENCH	4	DUCT	1/C	300										
TOTALS								22	20	858	965						5,045									

PAVEMENT MARKINGS SUMMARY OF QUANTITIES														
LOCATION	LINE THERMOPLASTIC						LOW PAINT		TRANSVERSE MARKINGS THERMOPLASTIC STOP LINE		TRANSVERSE MARKINGS THERMOPLASTIC CROSSWALK LINE		PAVEMENT MESSAGE THERMOPLASTIC	CROSSWALK MARKINGS
	SOLID WHITE 4 IN.	SOLO YELLOW 4 IN.	BROWN WHITE 4 IN.	BROWN YELLOW 4 IN.	SOLID YELLOW 6 IN.	SOLID YELLOW 12 IN.	BROWN YELLOW 4 IN.	SOLID WHITE 4 IN.	SOLID WHITE 12 IN.	SOLID WHITE 24 IN.	SOLID WHITE 4 IN.	SOLID WHITE 24 IN.		
	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SACS	FT
Line A	2,000	3,880			500	2,790	600					25	33,000	
SR1							120	70						
TOTALS	2,000	3,880			500	2,790	600	120	70			25	33,000	



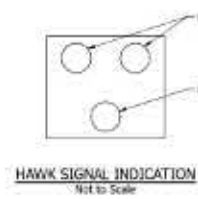
PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL
 DESIGNER: JEN
 CHECKED: AD

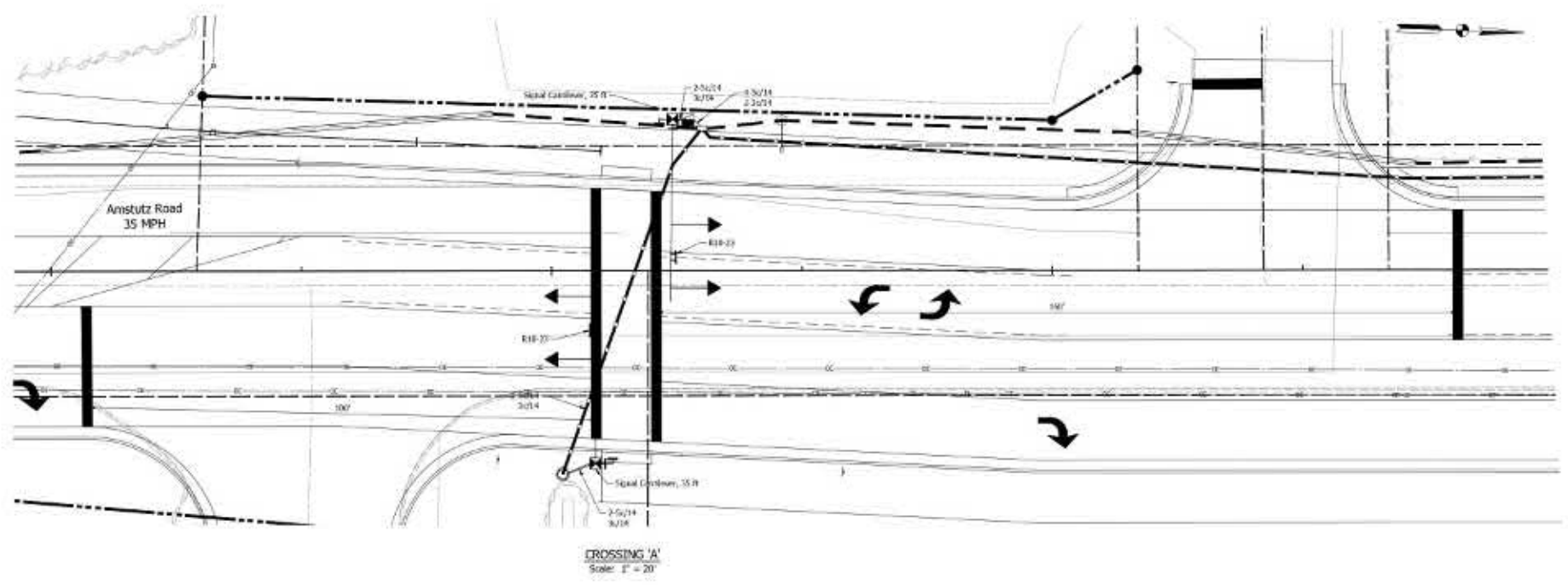
INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAGE, LIGHTING, & PAVEMENT MARKINGS

DATE	7-22
DESIGNATION	SR100A
SHEET	10
CONTRACT	9-0209
PROJECT	SR100A



- LEGEND**
- Control, 4 Phase, Peris Drive, 48\"/>



CROSSING 'A'
Scale: 1" = 20'

Jun 04, 2014 10:00 AM
 C:\Users\j...
 AutoCAD LT 2014
 Plot: 14x11...
 Plotter: HP DesignJet 500...
 Scale: 1" = 20'

ENGINEERING RESOURCES, INC.
 9175 Lakeshore Drive
 Fort Collins, Colorado 80526
 (970) 225-1100
 www.ersinc.com

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ONLY

DESIGNED BY	DRAWN BY	CHECKED BY
DATE		

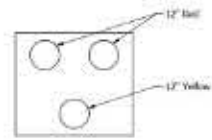
INDIANA
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN HYBRID BEACON
PLANS

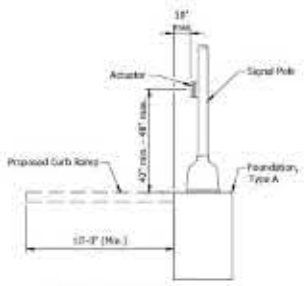
SCALE	1" = 12'
DESIGNATION	INT-100A
DATE	06/04/14
BY	JR
PROJECT	1011008
CONTRACT	9-0209

LEGEND

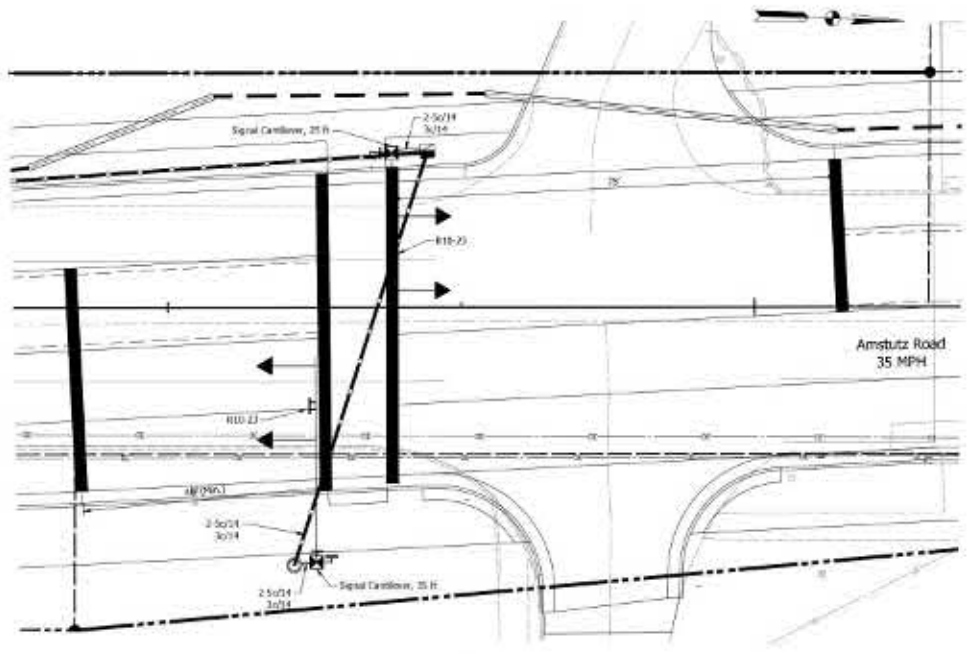
-  Control, 4 Phase, Push Button, 18" Cabinet on "T" Foundation
-  Signal Headhole
-  Post Arm and Pole on Drilled Shaft, Type A Foundation
-  APC Push Button and Sign 43
-  Pedestrian Signal Head
-  1-Wire, 2 Section (12 Inch Rod, 12 Inch Rod, 12 Inch Angle) HAWK Signal Indication
-  Detailed Street Sign



HAWK SIGNAL INDICATION
Not to Scale



PUSH BUTTON ELEVATION
Not to Scale



CROSSING 'B'
Scale: 1" = 20'

Job No. 2021-0004
 Project: 2021-0004 - New Signalized Interchange at I-175 and US-41
 Drawing: PEDESTRIAN HYBRID BEACON PLANS

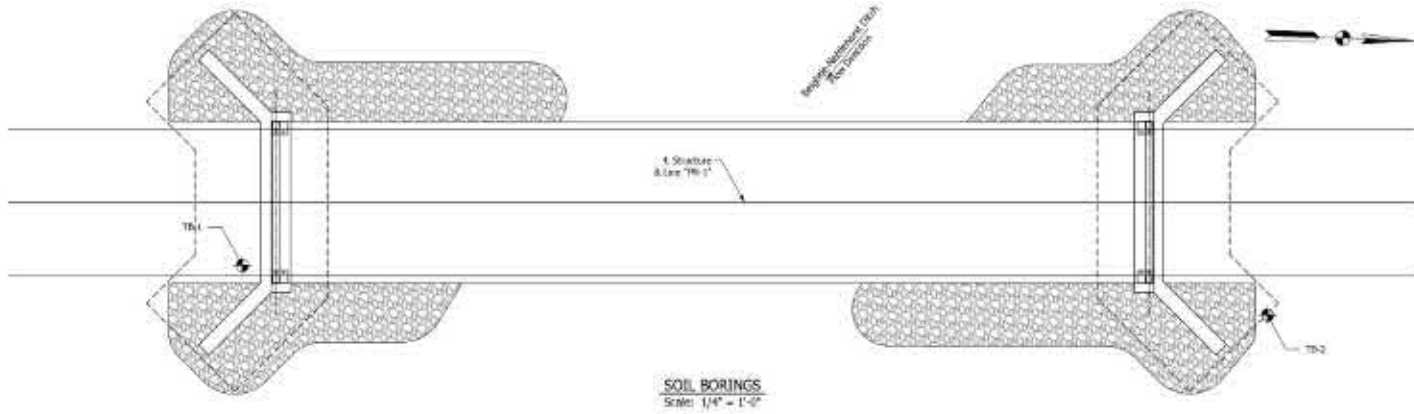

ENGINEERING
RESOURCES, INC.
 811 S. 20th Street
 Fort Wayne, Indiana 46804

PRELIMINARY
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APPROVED FOR APPROVAL	DESIGNED BY	DRAWN BY	DATE
CHECKED BY	CHANGED BY		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PEDESTRIAN HYBRID BEACON
 PLANS

SCALE	1" = 20'	DESIGNATION	00100A
CONTRACT	9-0209	PROJECT	00100B



SOIL PARAMETERS	
FACTORED BEARING RESISTANCE (R _f) (EQUATION B5.02)	6,500 psf
FACTORED BEARING RESISTANCE (R _f) (RETAINING WALL)	4,500 psf

GSI GEO-SOLUTIONS, INC.			LOG OF TEST BORING		Boring No. TB-1			
Project: Arroyo Road Reconstruction		Division: 786		Date: 04/20/18		Drawn: MWD/MS		
Location: Lee-Canterville, Allen County, Indiana		City: 46034-04		Old Proj. No. G24-14		Sheet: 1 of 1		
Client: Engineering Resources, Inc.		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		
Proj. No. 180438	Draw. No. 180438	Drawn: MWD/MS	Checked: MWD/MS	Scale: 1/4" = 1'-0"	Sheet: 1 of 1	Project: Arroyo Road Reconstruction		
SAMPLE		DESCRIPTION/CLASSIFICATION and REMARKS		SOIL PROPERTIES				
No.	Depth (ft)	Depth (m)			W	L	U _c	U _s
01-1	0.00	0.00	TOPSOIL (15 in)		45.0	5.0		
01-2	0.00	0.00	SANDY LOAM (medium stiff to very stiff, moist brown (10) 14.4%)		27.0	3.7		
01-3	0.15	0.15	POLYMERIZED ASPHALTIC CONCRETE (3)		2.0			
01-4	0.30	0.30	SANDY LOAM (medium stiff, wet brown, A-4, L&N No. 113702)		5.75	0.9		
01-5	0.60	0.60	SILT CLAY LOAM (medium stiff to hard, moist gray, A-6(1), L&N No. 113702, S&U off = 1.1, S & 2.7)		4.2	1.1	10.0	20.0
01-6	0.90	0.90	SAND with occasional rounded shaly sandstone, very dense to medium dense, wet, gray, A-2, L&N No. 113625		4.0			
01-7	1.20	1.20	SAND AND GRAVEL, very dense, wet, gray (brown)		14.0			
01-8	1.50	1.50			14.0			
01-9	1.80	1.80						
01-10	2.10	2.10						
WATER LEVEL OBSERVATIONS		GENERAL NOTES						
Depth	2	White	Y	Open	2	24 hrs	100% (100%)	
To Water	18.5	A	F				100% (100%)	

GSI GEO-SOLUTIONS, INC.			LOG OF TEST BORING		Boring No. TB-2			
Project: Arroyo Road Reconstruction		Division: 786		Date: 04/20/18		Drawn: MWD/MS		
Location: Lee-Canterville, Allen County, Indiana		City: 46034-04		Old Proj. No. G24-14		Sheet: 2 of 1		
Client: Engineering Resources, Inc.		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		
Proj. No. 180438	Draw. No. 180438	Drawn: MWD/MS	Checked: MWD/MS	Scale: 1/4" = 1'-0"	Sheet: 2 of 1	Project: Arroyo Road Reconstruction		
SAMPLE		DESCRIPTION/CLASSIFICATION and REMARKS		SOIL PROPERTIES				
No.	Depth (ft)	Depth (m)			W	L	U _c	U _s
01-1	0.00	0.00	TOPSOIL (15 in)		45.0	5.0		
01-2	0.00	0.00	SANDY LOAM (medium stiff to very stiff, moist brown (10) 14.4%)		27.0	3.7		
01-3	0.15	0.15	POLYMERIZED ASPHALTIC CONCRETE (3)		2.0			
01-4	0.30	0.30	SANDY LOAM (medium stiff, wet brown, A-4, L&N No. 113702)		5.75	0.9		
01-5	0.60	0.60	SILT CLAY LOAM (medium stiff to hard, moist gray, A-6(1), L&N No. 113702, S&U off = 1.1, S & 2.7)		4.2	1.1	10.0	20.0
01-6	0.90	0.90	SAND with occasional rounded shaly sandstone, very dense to medium dense, wet, gray, A-2, L&N No. 113625		4.0			
01-7	1.20	1.20	SAND AND GRAVEL, very dense, wet, gray (brown)		14.0			
01-8	1.50	1.50			14.0			
01-9	1.80	1.80						
01-10	2.10	2.10						
WATER LEVEL OBSERVATIONS		GENERAL NOTES						
Depth	2	White	Y	Open	2	24 hrs	100% (100%)	
To Water	18.5	A	F				100% (100%)	

GSI GEO-SOLUTIONS, INC.			LOG OF TEST BORING		Boring No. TB-3			
Project: Arroyo Road Reconstruction		Division: 786		Date: 04/20/18		Drawn: MWD/MS		
Location: Lee-Canterville, Allen County, Indiana		City: 46034-04		Old Proj. No. G24-14		Sheet: 3 of 1		
Client: Engineering Resources, Inc.		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		1115 Central Blvd., Columbus, IN 47332		
Proj. No. 180438	Draw. No. 180438	Drawn: MWD/MS	Checked: MWD/MS	Scale: 1/4" = 1'-0"	Sheet: 3 of 1	Project: Arroyo Road Reconstruction		
SAMPLE		DESCRIPTION/CLASSIFICATION and REMARKS		SOIL PROPERTIES				
No.	Depth (ft)	Depth (m)			W	L	U _c	U _s
01-1	0.00	0.00	TOPSOIL (15 in)		45.0	5.0		
01-2	0.00	0.00	SANDY LOAM (medium stiff to very stiff, moist brown (10) 14.4%)		27.0	3.7		
01-3	0.15	0.15	POLYMERIZED ASPHALTIC CONCRETE (3)		2.0			
01-4	0.30	0.30	SANDY LOAM (medium stiff, wet brown, A-4, L&N No. 113702)		5.75	0.9		
01-5	0.60	0.60	SILT CLAY LOAM (medium stiff to hard, moist gray, A-6(1), L&N No. 113702, S&U off = 1.1, S & 2.7)		4.2	1.1	10.0	20.0
01-6	0.90	0.90	SAND with occasional rounded shaly sandstone, very dense to medium dense, wet, gray, A-2, L&N No. 113625		4.0			
01-7	1.20	1.20	SAND AND GRAVEL, very dense, wet, gray (brown)		14.0			
01-8	1.50	1.50			14.0			
01-9	1.80	1.80						
01-10	2.10	2.10						
WATER LEVEL OBSERVATIONS		GENERAL NOTES						
Depth	2	White	Y	Open	2	24 hrs	100% (100%)	
To Water	18.5	A	F				100% (100%)	



PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
CHECKED: JFW	DRAWN: MBL	
CHECKED: JFW	CHECKED: JMB	

INDIANA DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SOIL REVISED	DESIGNATION
	180438
CONTRACT	PROJECT
18-0309	181108

GSI Geotechnical, Inc.		LOG OF TEST BORING		Boring No. TS-2
PROJECT: Amesbury Road Reconstruction		LOCATION: Lee-Coleman, Allen County, Indiana		Drawn: MAY-08
CLASS: Engineering Resources, Inc.		DESIGNED BY: DRG/MS		Scale: 1" = 3'
PROJ. NO. 08-008		SHEET NO. 08-008-01		
Proj. No. 08-008	Sheet No. 08-008	Weather Office	Geod. M.P. 22 1/4, 24'	Driller Operator
SAMPLE		DESCRIPTION/CLASSIFICATION and REMARKS		SOIL PROPERTIES
10.1	0.00 - 0.10	TOPSOIL, (10.0)		
10.2	0.10 - 0.40	SANDY LOAM very stiff to stiff, moist dense, A-4, L&C No. 113700L		
10.3	0.40 - 0.54	SAND medium to medium dense, wet dense, A-2-4, L&C No. 113020L		
10.4	0.54 - 0.70	SILT (w/ HT) MUD (grs.) A-4 L&C No. 113030L		
10.5	0.70 - 0.84	SAND medium dense, wet, grav. A-2-4, L&C No. 113030L		
10.6	0.84 - 0.90	SILT (w/ HT) MUD, very stiff, moist, grav. A-4-6, L&C No. 113030L S&S pH = 7.1, O.C. = 2.2%		
10.7	0.90 - 1.00	SILT CLAY LOAM (w/ HT) MUD, grav. A-4, L&C No. 113700L		
10.8	1.00 - 1.00	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.9	1.00 - 1.00	End of boring at 10.9		
WATER LEVEL OBSERVATIONS		GENERAL NOTES		
Depth	Water	Location	Date	Time
5	2.00	CHANGING	11/10/08	8:45 AM
10	1.50	CHANGING	11/10/08	8:45 AM
15	1.00	CHANGING	11/10/08	8:45 AM
20	0.50	CHANGING	11/10/08	8:45 AM
25	0.00	CHANGING	11/10/08	8:45 AM
30	0.00	CHANGING	11/10/08	8:45 AM
35	0.00	CHANGING	11/10/08	8:45 AM
40	0.00	CHANGING	11/10/08	8:45 AM
45	0.00	CHANGING	11/10/08	8:45 AM
50	0.00	CHANGING	11/10/08	8:45 AM
55	0.00	CHANGING	11/10/08	8:45 AM
60	0.00	CHANGING	11/10/08	8:45 AM
65	0.00	CHANGING	11/10/08	8:45 AM
70	0.00	CHANGING	11/10/08	8:45 AM
75	0.00	CHANGING	11/10/08	8:45 AM
80	0.00	CHANGING	11/10/08	8:45 AM
85	0.00	CHANGING	11/10/08	8:45 AM
90	0.00	CHANGING	11/10/08	8:45 AM
95	0.00	CHANGING	11/10/08	8:45 AM
100	0.00	CHANGING	11/10/08	8:45 AM

GSI Geotechnical, Inc.		LOG OF TEST BORING		Boring No. TS-2
PROJECT: Amesbury Road Reconstruction		LOCATION: Lee-Coleman, Allen County, Indiana		Drawn: MAY-08
CLASS: Engineering Resources, Inc.		DESIGNED BY: DRG/MS		Scale: 1" = 3'
PROJ. NO. 08-008		SHEET NO. 08-008-01		
Proj. No. 08-008	Sheet No. 08-008	Weather Office	Geod. M.P. 22 1/4, 24'	Driller Operator
SAMPLE		DESCRIPTION/CLASSIFICATION and REMARKS		SOIL PROPERTIES
10.1	0.00 - 0.10	TOPSOIL, (10.0)		
10.2	0.10 - 0.40	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.3	0.40 - 0.54	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.4	0.54 - 0.70	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.5	0.70 - 0.84	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.6	0.84 - 0.90	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.7	0.90 - 1.00	SAND medium dense to very dense, wet, grav. A-2-4 (S), L&C No. 113030L S&S pH = 8.0, O.C. = 2.2%		
10.8	1.00 - 1.00	End of boring at 10.8		
WATER LEVEL OBSERVATIONS		GENERAL NOTES		
Depth	Water	Location	Date	Time
5	2.00	CHANGING	11/10/08	8:45 AM
10	1.50	CHANGING	11/10/08	8:45 AM
15	1.00	CHANGING	11/10/08	8:45 AM
20	0.50	CHANGING	11/10/08	8:45 AM
25	0.00	CHANGING	11/10/08	8:45 AM
30	0.00	CHANGING	11/10/08	8:45 AM
35	0.00	CHANGING	11/10/08	8:45 AM
40	0.00	CHANGING	11/10/08	8:45 AM
45	0.00	CHANGING	11/10/08	8:45 AM
50	0.00	CHANGING	11/10/08	8:45 AM
55	0.00	CHANGING	11/10/08	8:45 AM
60	0.00	CHANGING	11/10/08	8:45 AM
65	0.00	CHANGING	11/10/08	8:45 AM
70	0.00	CHANGING	11/10/08	8:45 AM
75	0.00	CHANGING	11/10/08	8:45 AM
80	0.00	CHANGING	11/10/08	8:45 AM
85	0.00	CHANGING	11/10/08	8:45 AM
90	0.00	CHANGING	11/10/08	8:45 AM
95	0.00	CHANGING	11/10/08	8:45 AM
100	0.00	CHANGING	11/10/08	8:45 AM

NOTE
It indicates the number of blows required to drive a 2" O.D. split-barrel sampler a distance of one foot by a 140 lb weight falling 30".

Job No. 08-008-01, 08-008-02, 08-008-03, 08-008-04, 08-008-05, 08-008-06, 08-008-07, 08-008-08, 08-008-09, 08-008-10, 08-008-11, 08-008-12, 08-008-13, 08-008-14, 08-008-15, 08-008-16, 08-008-17, 08-008-18, 08-008-19, 08-008-20, 08-008-21, 08-008-22, 08-008-23, 08-008-24, 08-008-25, 08-008-26, 08-008-27, 08-008-28, 08-008-29, 08-008-30, 08-008-31, 08-008-32, 08-008-33, 08-008-34, 08-008-35, 08-008-36, 08-008-37, 08-008-38, 08-008-39, 08-008-40, 08-008-41, 08-008-42, 08-008-43, 08-008-44, 08-008-45, 08-008-46, 08-008-47, 08-008-48, 08-008-49, 08-008-50, 08-008-51, 08-008-52, 08-008-53, 08-008-54, 08-008-55, 08-008-56, 08-008-57, 08-008-58, 08-008-59, 08-008-60, 08-008-61, 08-008-62, 08-008-63, 08-008-64, 08-008-65, 08-008-66, 08-008-67, 08-008-68, 08-008-69, 08-008-70, 08-008-71, 08-008-72, 08-008-73, 08-008-74, 08-008-75, 08-008-76, 08-008-77, 08-008-78, 08-008-79, 08-008-80, 08-008-81, 08-008-82, 08-008-83, 08-008-84, 08-008-85, 08-008-86, 08-008-87, 08-008-88, 08-008-89, 08-008-90, 08-008-91, 08-008-92, 08-008-93, 08-008-94, 08-008-95, 08-008-96, 08-008-97, 08-008-98, 08-008-99, 08-008-100.



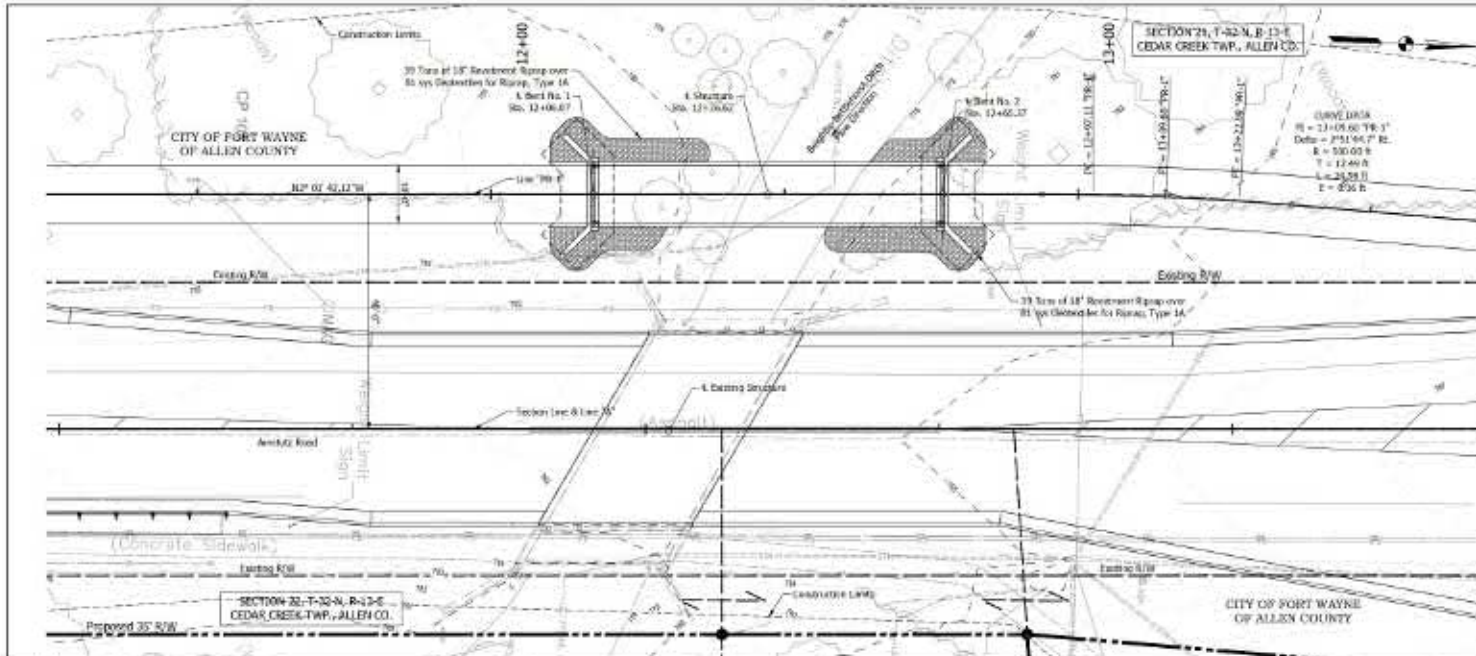
PRELIMINARY FOR REVIEW ONLY

APPROVED FOR OFFICIAL	DESIGNED BY	DATE
CHECKED BY	DRAWN BY	
CHECKED BY	DRAWN BY	

INDIANA DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SOIL NO. (10)	SECTION
	SECTION
	SECTION
CONTRACT	PROJECT
08-008	08-008



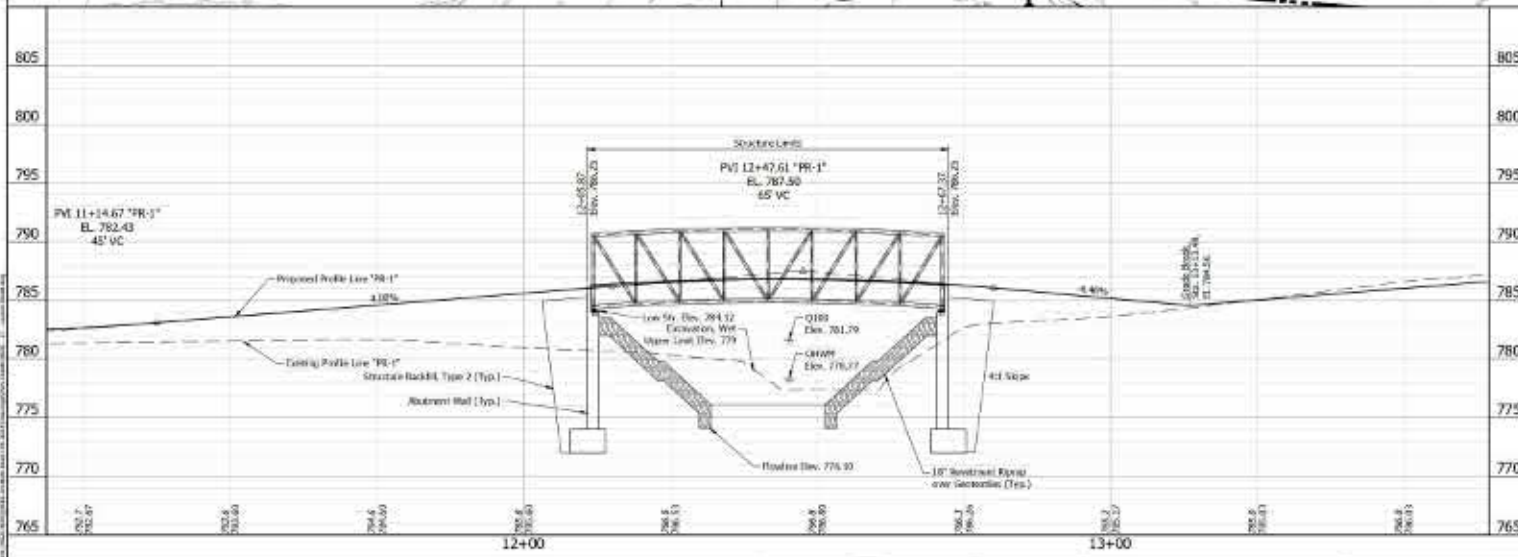
HYDRAULIC DATA

Drainage Area	= 2.2 ac ft
Q100 Elev.	= 648.0 ft
Q100 Elev.	= 781.75 ft
Backwater	= 0.95 ft
Waterway Opening over Roadway	= 0.00 ft
Gross Waterway Opening at Structure Below Q100	= 105.00 ft
Minimum Low Structure Elevation	= 784.12 ft
Slope	= 0.4 %
Armed Road Bridge	
Existing Gross Waterway Opening of Structure	= 145.00 ft
Existing Waterway Opening over Roadway	= 0.00 ft
Existing Low Structure Elevation	= 785.12 ft

GENERAL NOTES

The riped beam is known within the St. Joseph River. Therefore, protecting water quality in Beightle-Hettlehorst Ditch and the St. Joseph River is vital for the conservation of this species. Strict erosion control measures will be needed in any area where soil will be disturbed. It is imperative that no pollutants of any kind reach the stream, ditches or project. This includes spillage of petroleum products or other chemicals from the machinery/equipment being used. Emergency response equipment and spill containment materials must be maintained at the project site, and a contained filling and fuel storage area needs to be designated at least 150 feet away from the site. Beightle-Hettlehorst Ditch and the St. Joseph River. With these pollution control practices in place, the project should be protective of the riped beam habitat.

See Sheet 9 for Lines "96.1" and "X" to-in information.



PREFABRICATED STEEL TRUSS BRIDGE
 SINGLE SPAN: 59'-0"
 10'-0" CLEAR TRAIL WIDTH, NO SKEW
 TRAIL OVER BEIGHTLE-HETTLEHORST DITCH
 ALLEN COUNTY



PRELIMINARY FOR REVIEW ONLY

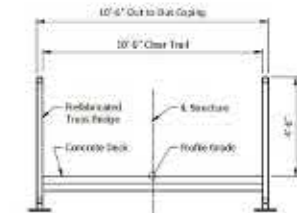
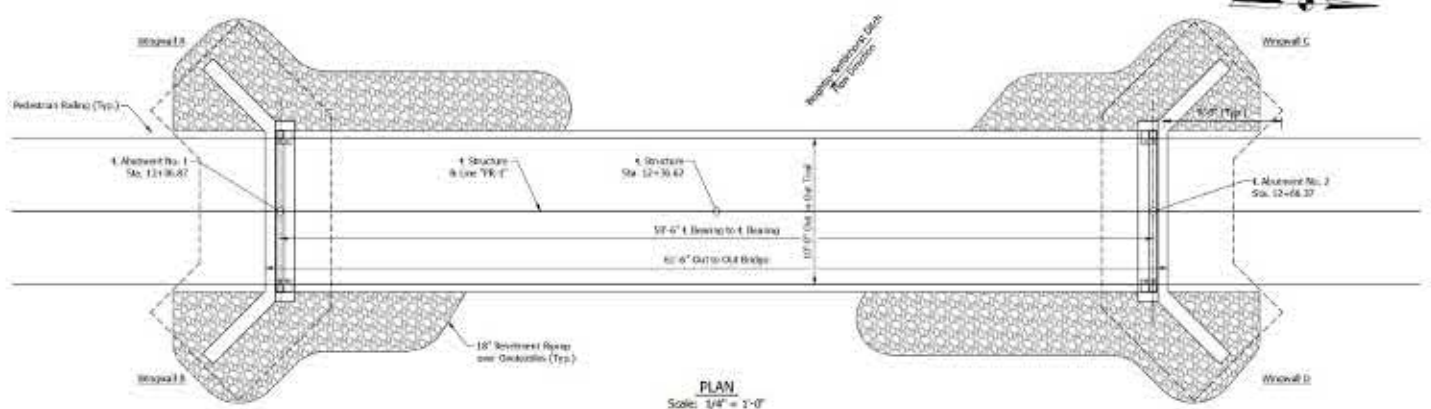
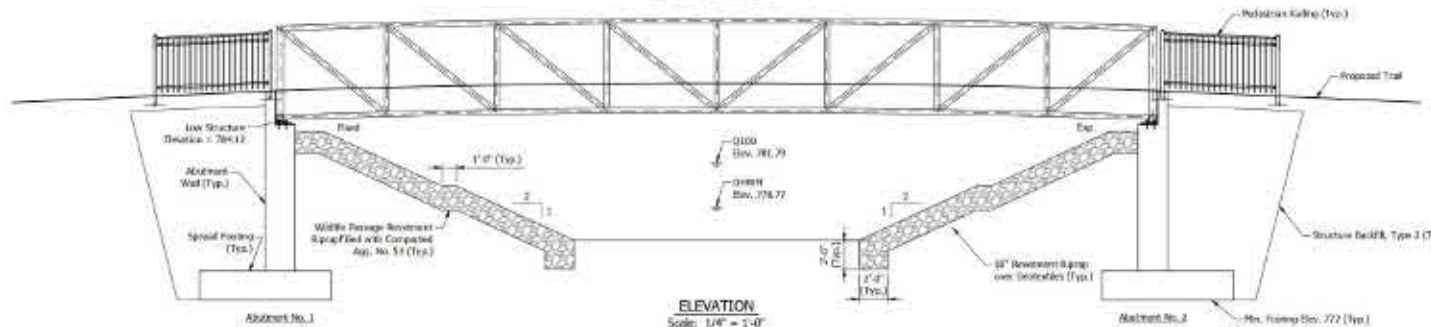
DESIGNED BY	CHAIKIN, JIM
CHECKED BY	CHAIKIN, JIM

INDIANA DEPARTMENT OF TRANSPORTATION
 LAYOUT

HORIZONTAL SCALE	1" = 20'
VERTICAL SCALE	1" = 5'
CONTRACT	9-0209
PROJECT	051109

STRUCTURE TO BE BUILT TO A 65° VERTICAL CURVE

+4.25' -1.0%



GENERAL NOTES

Reinforcing steel cover shall be 2 1/2" in top and 1" minimum in bottom of floor slab, 2" in facings, except bottom steel which shall be 4" and 2" in all other parts, unless noted.

DESIGN DATA

LIVE LOAD
Design for 16 psf Pedestrian Load, in accordance with AASHTO "LRFD" Bridge Specifications for the Design of Pedestrian Bridges", 2009, and checked for a HS Design Vehicle, in accordance with AASHTO LRFD Bridge Design Specifications, 6th Edition, 2008.

DEAD LOAD
Actual weight of the prefabricated steel truss bridge.

DESIGN STRENGTH

CONCRETE

Class C	F _c = 4,000 psi
Class B	F _c = 3,000 psi
Class A	F _c = 2,500 psi

REINFORCING STEEL

Grade 60	F _y = 60,000 psi
----------	-----------------------------

SEISMIC DESIGN DATA

Seismic Performance Zone	Zone 1
Acceleration Coefficient	0.068
Soil Profile Type	Class D

PREFABRICATED STEEL TRUSS BRIDGE
SINGLE SPAN: 59'-6"
10'-0" CLEAR TRAIL WIDTH, NO SKEW
TRAIL OVER BEIGHTLE-NETTLEHORST DITCH
ALLEN COUNTY

Job No. 2021-10866
Project Name: Allen County, Indiana, Bypass for US-52
Scale: 1/4" = 1'-0"

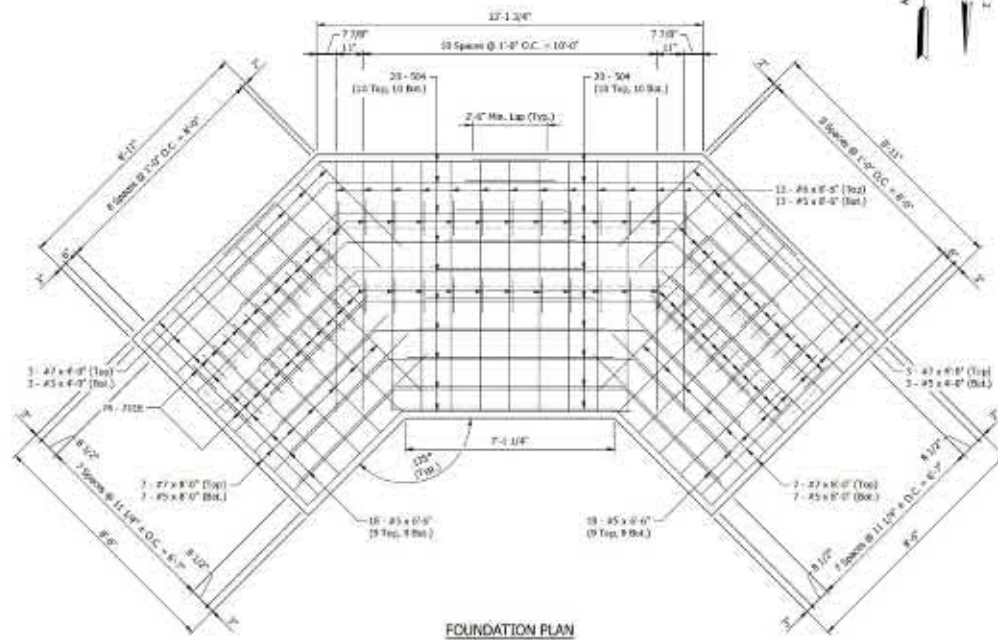


PRELIMINARY FOR REVIEW ONLY

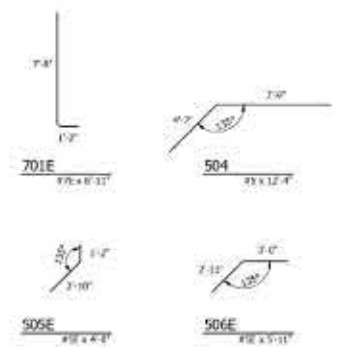
DESIGNED BY	DRAWN BY	CHECKED BY
DESIGN ENGINEER	DATE	DATE

INDIANA DEPARTMENT OF TRANSPORTATION
GENERAL PLAN

SHEET NO.	OF TOTAL SHEETS
CONTRACT NO.	PROJECT NO.



BILL OF MATERIALS			
ONE FOOTING (TWO REQUIRED)			
MAKE OR SIZE	NO. REQ'D	LENGTH	WEIGHT
#1E	76	8'-0"	
Total #7 Epoxy Coated Reinf. Bars			1,444Z
Total Epoxy Coated Reinf. Bars			1,369Z
#7	14	8'-0"	
#7	8	8'-0"	
Total #7 Reinforcing Bars			276Z
#5	13	8'-0"	
Total #5 Reinforcing Bars			104Z
#4	40	12'-0"	
#4	13	8'-0"	
#4	14	8'-0"	
#4	36	8'-0"	
#4	8	8'-0"	
Total #4 Reinforcing Bars			1,316Z
Total Reinforcing Bars			1,680Z
CONCRETE			
Concrete, B. Finish			15.4 CYS



FOUNDATION PLAN
Scale: 1/2" = 1'-0"

BAR BENDING DETAILS
Scale: N.T.S.



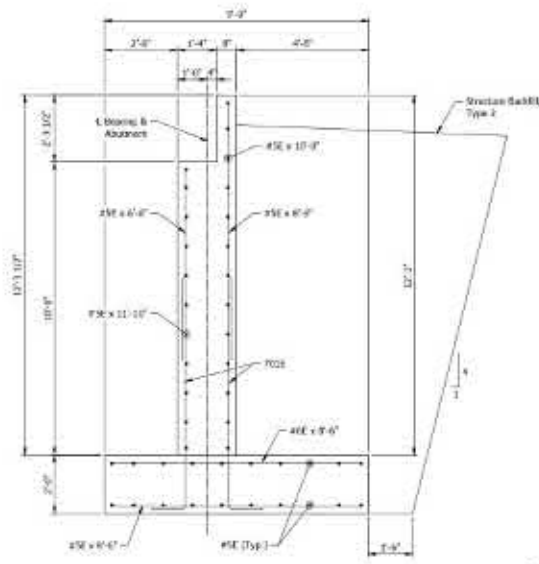
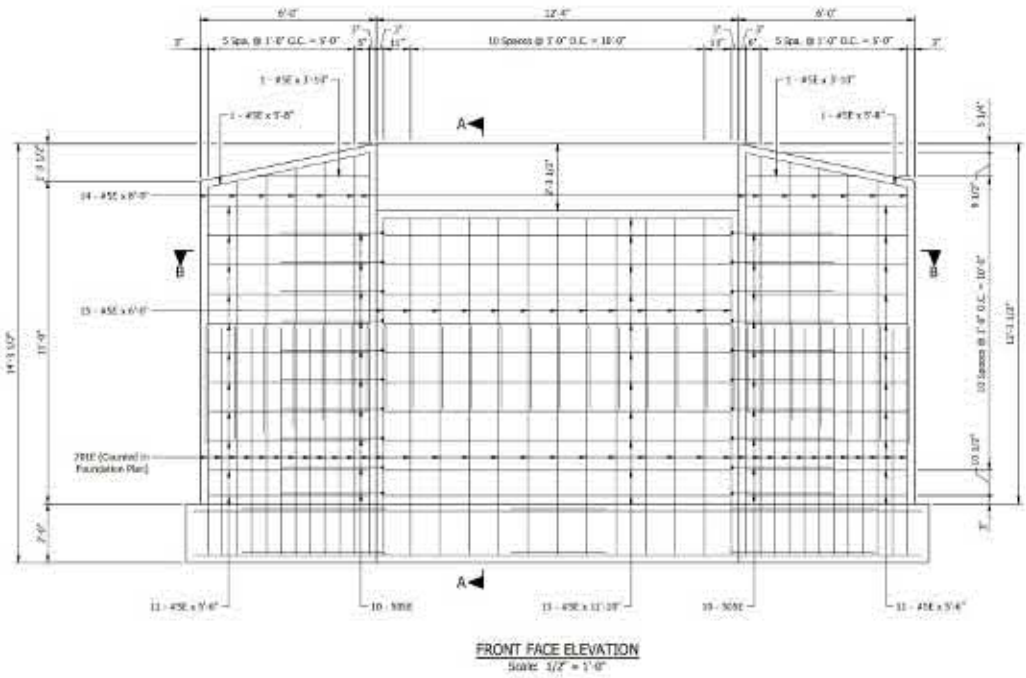
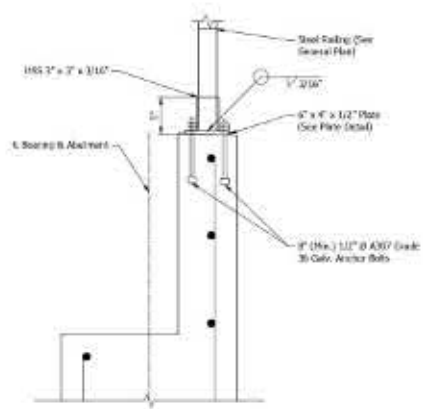
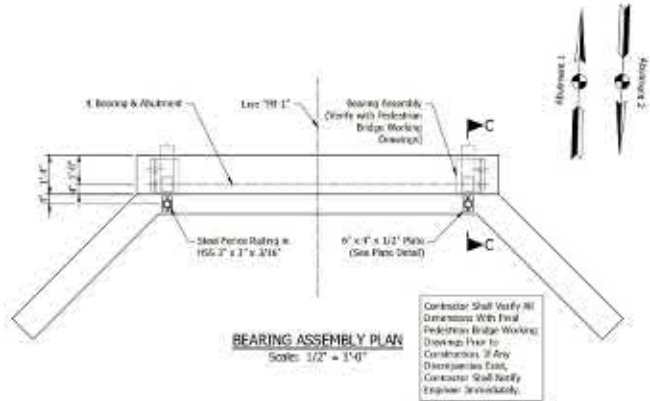
PRELIMINARY FOR REVIEW ONLY

APPROVED FOR OFFICIAL	DESIGN ENGINEER	DATE
CHECKED: JEN	DRAWN: MEL	
CHECKED: AD	CHECKED: JMB	

INDIANA DEPARTMENT OF TRANSPORTATION

ABUTMENT DETAILS

SCALE	65% (1:1)	DESIGNATION	MS100A
DATE	04/27/11	PROJECT	0511008
CONTRACT	9-0-200		



NOTES

- For Bar Sizing Details and Foundation Plan, see Sheet 53.
- For Bill of Materials and Section 55, see Sheet 54.
- For Reinforcing Bar Sizes, see Standard Drawing E 705-RS17-03.

Job No. 2021-10000
 Project Name: 2021-10000
 Date: 10/20/2021

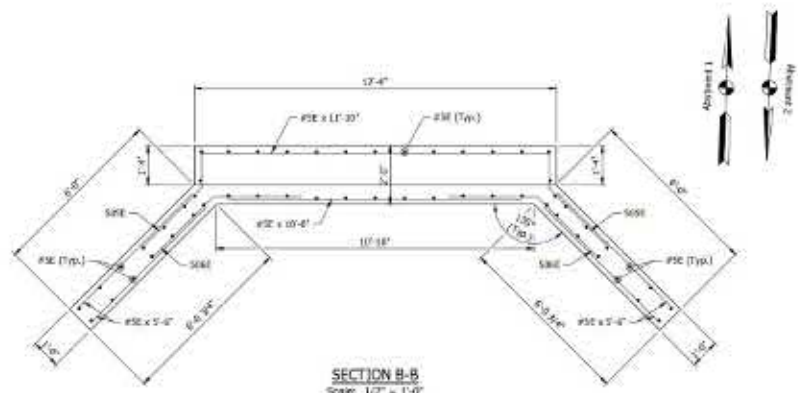


PRELIMINARY FOR REVIEW ONLY

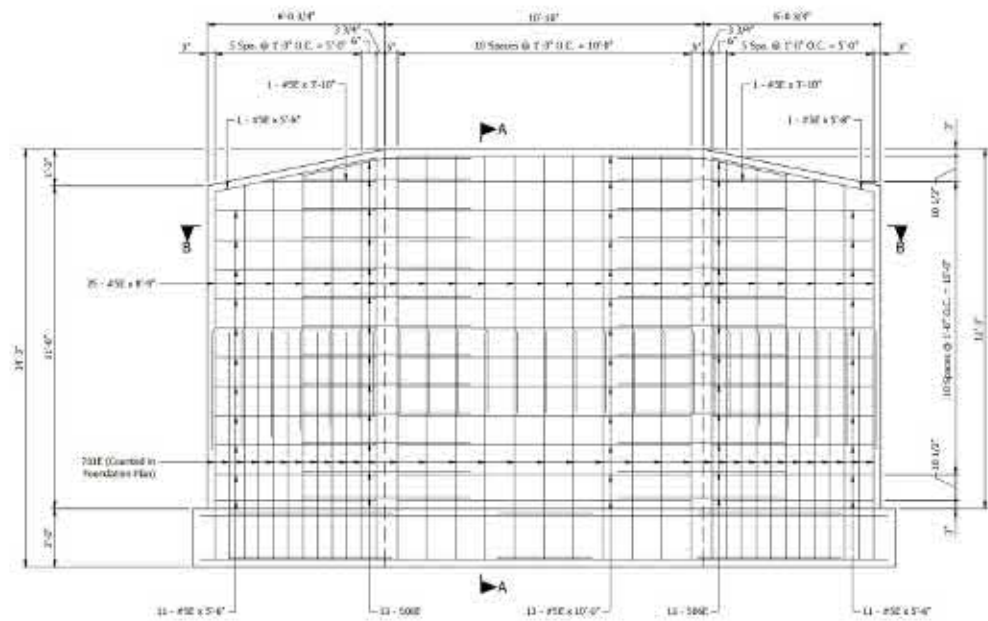
DESIGNED BY	CHECKED BY	DRAWN BY	CHECKED BY
JEN	AD	MEL	JMB

INDIANA DEPARTMENT OF TRANSPORTATION
ABUTMENT DETAILS

SCALE	REVISION
AS SHOWN	01
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SECTION B-B
Scale: 1/2" = 1'-0"



REAR FACE ELEVATION
Scale: 1/2" = 1'-0"

BILL OF MATERIALS			
ONE ABUTMENT			
(TWO REQUIRED)			
MARK OR SIZE	NO. REQ'D	LENGTH	WEIGHT
#5E	20	4'-0"	
#5E	26	5'-11"	
#5E	11	11'-10"	
#5E	13	10'-0"	
#5E	20	0'-0"	
#5E	13	0'-0"	
#5E	4	5'-0"	
#5E	41	5'-0"	
#5E	4	7'-10"	
Total #5 Epoxy Coated Reinf. Bars			1,258
Total Epoxy Coated Reinf. Bars			1,252
CONCRETE			
Concrete, C, Superstructure			162.0 Cu Yd
MISCELLANEOUS			
Structure Backfill, Type 2			91.0 Cu Yd

NOTES

- For Rebar Assembly Plan and Section A-A, see Sheet 63.
- For Bar Bending Details and Foundation Plan, see Sheet 62.
- For Reinforcing Bar Notes, see Standard Drawing E-700-ER-11-02.

Job No. 2021-00000
 Project No. 2021-00000
 Date: 10/10/2021 10:48:00 AM
 User: J:\Projects\2021-00000\Drawings\62-00000-01.dwg
 Plot Date: 10/10/2021 10:48:00 AM
 Plot User: J:\Projects\2021-00000\Drawings\62-00000-01.dwg


ENGINEERING RESOURCES, INC.
 4175 West 100th Street
 West Des Moines, Iowa 50325
 Phone: (515) 281-1100
 Website: www.ersinc.com

PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DICKENS, JEN	DRAHAR, MEL	
CHECKED: AD	DRAHAR, JIM	

INDIANA DEPARTMENT OF TRANSPORTATION

ABUTMENT DETAILS

SCALE	AS SHOWN
DESIGNATION	62-00000-01
DATE	10/10/21
CONTRACT	9-0-200
PROJECT	1011000

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				DESCRIPTION	FLOW LINE					RIP	SCOUR LIFE	SITE OBSTRUCTION	#	BACKFILL METHOD	SCOUR PROTECTION			PIPE REMOVE	PIPE TYPE 4, CIRCULE 6 IN	PIPE END SECTION	GRADED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	REMARKS									
	STATION	LEFT	RIGHT	ELEVATE		SIDE	PIPE TYPE	LENGTH	SLOPE	INFLUENT						EFFLUENT	SKIN	COVER				UP STREAM	DOWN STREAM	RIP	SCOUR PROTECTION					TYPE	SLOPE	EA	TYPE	SLOPE	EA			
																									PILE	PILE	PILE									TYPE	SLOPE	EA
X17	526+26	K			47.5																																Adjust Casting as Req'd	
X18	526+40	K			44.3																																Adjust Casting as Req'd	
X19	526+35	K			30.7	32																															Remove Structure and Re-Pipe with Possible PI	
X20	525+74	K			30.8	32																	52													Remove Structure and Pipe		
X21	525+33	K			25.8																															Adjust Casting as Req'd		
X22	525+25	K			25.6																															Adjust Casting as Req'd		
X23	524+75	K			20.7																															No Change Req'd		
X26	523+72	K			18.3	32																			9											Remove Structure and Pipe N & S		
X27	523+35	K				12																			9													Remove Pipe
X28	519+51	K			20.2	32																															Remove Structure and Pipe N & S	
X29	521+75	K			22.1																																Adjust Casting as Req'd	
X30	523+14	K			25.6																																Adjust Casting as Req'd	
X31	523+93	K			26.3																																Adjust Casting as Req'd	
X32	525+07	K			26.0																																Adjust Casting as Req'd	
X34	527+23	K			30.4																																Adjust Casting as Req'd	
X35	527+35	K			27.6																																No Change Req'd	
X36	527+26	K			20.1																																Adjust Casting as Req'd	
X37	528+36	K			24.8																																Remove and Replace with Str. No. 301	
X38	528+33	K			31.7																																Adjust Casting as Req'd	
X39	528+28	K			24.4																																Adjust Casting as Req'd	
X40	523+41	K			25.2																																Adjust Casting as Req'd	
X41	523+43	K			24.8	32																															Remove Structure and Pipe	
X42	524+04	K			27.1	32																															Remove Structure and Pipe	
X43	523+58	K			11.6																																Adjust Casting as Req'd	
X44	528+72	K			8.6																																	
X45	528+95	K			16.3																																	
X46	529+00	K			55.0																																Remove and Replace with Str. No. 300	
X47	529+80	K			32																																PI with Flexible PI	
X47	542+35	K			32																																PI with Flexible PI	
X48	523+67	K			37.8	8						310		10	290.26	305.81	304.53																					
X49	522+88	K			27.3	6						65		4	295.26	N.E.	305.91																					
X50	525+95	K			34.0	8						345		4.5	285.35	304.43	N.E.																					



PRELIMINARY FOR REVIEW ONLY

APPROVED FOR OFFICIAL

DESIGN ENGINEER DATE

CHECKED: JFW

DRAWN: EJA

CHECKED: JFW

INDIANA DEPARTMENT OF TRANSPORTATION

SUMMARY TABLES

DATE		DESIGNATION	
BY		PROJECT	
CONTRACT		PROJECT	
NO.		DATE	

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE																
LOCATION				PAVED SIDE DITCH				RIPRAP				SODDING				
FROM STATION	TO STATION	LEFT	RIGHT	ACTUAL LENGTH (FT)	TOTAL EQUIVALENT HWY LENGTH		EQUIVALENT RIPRAP	EQUIVALENT RIPRAP	EQUIVALENT RIPRAP	FOR PAVED SIDE DITCHES		FOR SODDING		SODDING AT BRIDGE CORNER	INCLUDED RETURN, IF	MASSERY SODDING FOR LARMS
					LFT	RHT				TONS	TONS	TYPE	SPS			
LINE "A"																
504+28	542+04	X	-X												2,778	3,894
515+08	520+28		X					311	1A	272						
LINE "B"																
12+07								38	1A	85						
12+66								38	1A	85						
TOTALS																
								389		124					2,778	3,894

CORR.	SIZE	PIPE DIAMETER				
		12	15	24	30	36
PIPE TYPE / SHIPS COR OR DEF		CR	CR	CR	CR	CR
SMOOTH PIPE SIZE		12	15	24	24	30
CORRUGATED PIPE SIZE		12	15	24	24	30
SEMI-SMOOTH PIPE SIZE		12	15	24	24	30
CLASS		II	II	II	II	II
REINFORCING (S)						
DRAIN SATING						
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		X	X	X	X	X
CORRUGATED PE PIPE, TYPE (S)*		X	X	X	X	X
PROFILE WALL CORRUGATED PE PIPE (S)*						
PROFILE WALL (SMOOTH) PE PIPE (S)*						
SMOOTH WALL PE PIPE (S)* / TRANSDOMER		X	X	X		
CORRUGATED PP PIPE (S)						
PROFILE WALL PVC PIPE (S)		X	X	X		
SMOOTH WALL PVC PIPE (S)*		X	X	X		
FULLY RFT. PAVED & LINED (S)	CORR. PROFILE	2.07 X 1.02	2.27 X 1.02	2.23 X 1.02	2.23 X 1.02	2.23 X 1.07
	THICKNESS	0.2600	0.2643	0.2643	0.2642	0.2640
ZINC COATED (C)	CORR. PROFILE					
	THICKNESS					
ALUM. COATED TYPE 2 (C)	CORR. PROFILE					
	THICKNESS					
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE					
	THICKNESS					
POLYMER PRECOATED GALVANIZED BY BPI (T)	CORR. PROFILE					
	THICKNESS					
POLYMER PRECOATED GALVANIZED	CORR. PROFILE					
	THICKNESS					
CORRUGATED STEEL COR. TYPE 1A (C)	CORR. PROFILE					
	THICKNESS					

- LEGEND**
- PIPE MATERIAL**
- CR - Reinforced Concrete Pipe
 - PE - Polyethylene
 - DR - Dimpled Rib
 - PVC - Polyvinyl Chloride
 - PP - Polypropylene
 - COBE - Composite
 - ALUM - Aluminum
 - STL - Structural
 - (S) - Lock Seams Pipe Required
- PIPE INSTALLATION**
- SP1 - Streamside Paved Invert
 - CPY - Concrete Field Paving
 - BT - Streambed
- SEAMS**
- CR - Gasket Pipe
 - INTERL. DISCONTINUITIES
 - (S) - Smooth Pipe Material
 - (C) - Corrugated Pipe Material
- PIPE SIZE**
- Circle pipe is shown as diameter in inches.
- * Refer to Section of Drawing 215-PRC-20 through -22 for nominal diameter tolerances for any item diameter.
 - ** Thickness thickness refers to top and side plates. For pipe and pipe-in-pipe, with a thickness less than .261 in., bottom plate shall be of next greater available thickness.

SUMMARY OF BRIDGE QUANTITIES								
LOCATION	WEIR ESCAL.	HAND RAIL FEDESTAIRS	TEMP. SPOILING	CONC. B FOOTINGS	REIN. BARS	REIN. BARS SPOCK COATED	CONCRETE CLASS C SUPERSTR.	BRIDGE STEEL TRUSS (RS - DR)
	CYS	LFT	LSH	CYS	LS	LS	CYS	LSH
Retaining Wall			1	38.9		10,200	50.6	
Footrests Bridge	20	32		38.8	2,508	5,228	32.4	1
TOTALS	20	32	1	100.7	2,508	15,528	83.0	1

EARTHWORK TABLE	
LINE A	
18' x 20%	3,000 cu
Common Excavation	13,985 cu
Wet Excavation	70 cu
Usable Excavation (15%)	4,910 cu
Waste	2,725 cu
Benching (Contract)	cu
No direct payment for benching. Benchng will not be paid for as Common Excavation.	

MAILBOX APPROACHES							
LT. RT.	K BOX STATION	DESCRIPTION	WIDTH W (FT)	RESET		ASSEMBLY REQ'D	
				SINGLE	DOUBLE	SINGLE	DOUBLE
LINE "A"							
LT.	518+10				1		
LT.	521+35			1			
LT.	522+17			1			
LT.	525+19			1			
LT.	525+17			1			
LT.	528+32			1			
LT.	528+35			1			
RT.	542+25			1			
RT.	542+27			1			
TOTAL				8	1	8	8

Job No. 2121 - 10/10/10
 Project No. 2121-10/10/10
 Date: 10/10/10
 Scale: 1/8" = 1'-0"
 Drawn by: [Name]
 Checked by: [Name]
 Date: 10/10/10



PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL	DESIGN ENGINEER	DATE
DRAWN	CHECKED	
DATE	DATE	

INDIANA DEPARTMENT OF TRANSPORTATION

SUMMARY TABLES

SCALE	DATE
DESIGNATION	PROJECT
DATE	PROJECT
CONTRACT	PROJECT
DATE	PROJECT

GUARDRAIL SUMMARY TABLE

LOCATION		W-BEAM GUARDRAIL LENGTH										CURVED W-BEAM GUARDRAIL SYSTEM				REMARKS								
FROM STATION	TO STATION	LEFT	MIDSPAN LEFT	MIDSPAN RIGHT	RIGHT	STANDARD POST AT 4 FT. 3 IN. SPA.	STANDARD POST AT 3 FT. 1.5 IN. SPA.	SLOTTED GAZET AT 6 FT. 3 IN. SPA.	SLOTTED GAZET AT 3 FT. 1.5 IN. SPA.	SHEEP CLEARED AT 4 FT. SPA.	POSTING GUARDRAIL	GUARDRAIL TYPE TOE	GUARDRAIL TYPE WITH TOPPING	GUARDRAIL AND TREATMENT TYPE 10	STEEL CORNER TYPICAL DIVISION	TYPICAL SYSTEM		CONNECTOR SYSTEM		GUARDRAIL RUMBLE	GUARDRAIL ROCKET	REMARKS		
																EACH	TYRE	EACH	TYRE				EACH	EACH
512+66.37	520+27.76				x	302.30								1	1									
TOTALS						302.30								1	1									

SHEET SIGN TABLE

STATION	SIGN CODE	SIGN	SIZE	SIGN SHEET, SUPPORTS REMOVE	SHEET SIGN REMOVE	SHEET SIGN RELOCATE	SIGN, GROUND, MOUNTED, RESET	SIGN SHEET, WITH LEGEND			SIGN POST			REMARKS
								0.060"	0.100"	0.125"	TYPE	NUMBER	LENGTH	
								THICKNESS	THICKNESS	THICKNESS				
<i>See "W"</i>														
514+03.00	013-0	Stop Sign Symbol	18" x 24"				1			1	1	10	Placed in Concrete Median	
	013-0	Object Marker	12" x 24"				2							
505+79.00	013-0	Stop Sign Symbol	18" x 24"				3			1	1	10	Placed in Concrete Median	
	013-0	Object Marker	12" x 24"				2							
505+75.14	03-1	"Advance Road"				1				1	1	14	Rebates	
	03-1	"Trailing Road Road"												
506+50.14	03-1	Signal Ahead Symbol	30" x 36"			1				1	1	12	Rebates	
515+38.00	51-1	School Crossing	30" x 36"		1								Rebates	
515+46.14	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
516+24.00	54-30	"School"	24" x 48"		1									
	02-1	"Speed Limit 20"	36" x 36"		1									
518+95.00		Crossing Assembly		1									Rem. Sign & Found.	
519+00.14		Crossing Assembly		1									Rem. Sign & Found.	
519+33.00		Crossing Assembly		1									Rem. Sign & Found.	
519+30.14		Crossing Assembly		1									Rem. Sign & Found.	
521+50.14	03-9P	"END"	12" x 24"				2			1	1	12	At TWLTL	
	03-9s	"Two Way Left Turn Lane"	34" x 36"				6							
	03-9P	"BELOW"	12" x 24"				2							
523+47.00	03-9s	"Two Way Left Turn Lane"	34" x 36"				6			1	1	12	At TWLTL	
524+09.00	03-23	"Crosswalk Stop on Red"	24" x 36"				3							
524+24.14	03-23	"Crosswalk Stop on Red"	24" x 36"				3							
525+19.00	00-3	"No Parking"	30" x 36"			1				1	1	1	Rebates	
525+24.14	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
505+79.14	03-1	"Like Shows It"				1				1	1	12	Rebates	
526+19.00	00-3	"No Parking"	30" x 36"			1				1	1	1	Rebates	

SHEET SIGN TABLE

STATION	SIGN CODE	SIGN	SIZE	SIGN SHEET, SUPPORTS REMOVE	SHEET SIGN REMOVE	SHEET SIGN RELOCATE	SIGN, GROUND, MOUNTED, RESET	SIGN SHEET, WITH LEGEND			SIGN POST			REMARKS
								0.060"	0.100"	0.125"	TYPE	NUMBER	LENGTH	
								THICKNESS	THICKNESS	THICKNESS				
518+34.00	54-30	"School"	24" x 48"											
	02-1	"Speed Limit 20"	36" x 36"		1		9			1	1	12	Remove Existing	
	54-40	"When Children are Present"	12" x 24"				2							
518+27.00	010-23	"Crosswalk Stop on Red"	24" x 36"				3							
530+30.14	010-23	"Crosswalk Stop on Red"	24" x 36"				3							
505+05.00		Crossing Assembly		1									Rem. Sign & Found.	
511+30.14		Crossing Assembly		1									Rem. Sign & Found.	
520+18.00		Crossing Assembly		1									Rem. Sign & Found.	
521+50.14	54-30	"School"	24" x 48"											
	02-1	"Speed Limit 20"	36" x 36"		1		9			1	1	12	Remove Existing	
	54-40	"When Children are Present"	12" x 24"				2							
524+00.00	00-1	"Stop Sign Ahead"	30" x 30"			1				1	1	12	Remove Existing	
525+16.14	03-9P	"END"	12" x 24"				2			1	1	12	At TWLTL	
	03-9s	"Two Way Left Turn Lane"	34" x 36"				6			1	1	12	At TWLTL	
518+52.00	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
518+00.00	02-1	"Advance Road"								1	1	14	Rebates	
	02-1	"Trailing Road"												
518+66.00	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
526+26.14	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
526+04.00	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
529+00.14	01-1	"Stop"	36" x 36"		1		9			1	1	12	Remove Existing	
TOTAL					9	10	7			150			254	



PRELIMINARY FOR REVIEW ONLY

APPROVED FOR APPROVAL

DESIGNED BY: _____ DATE: _____

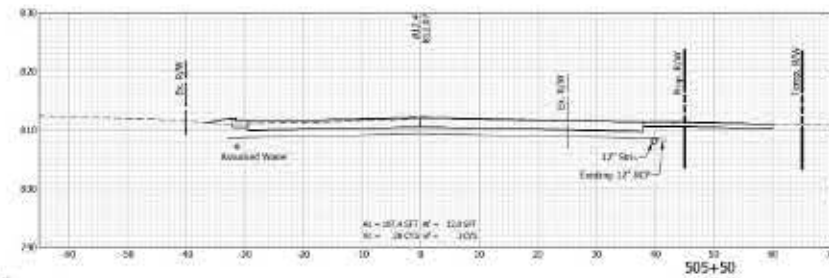
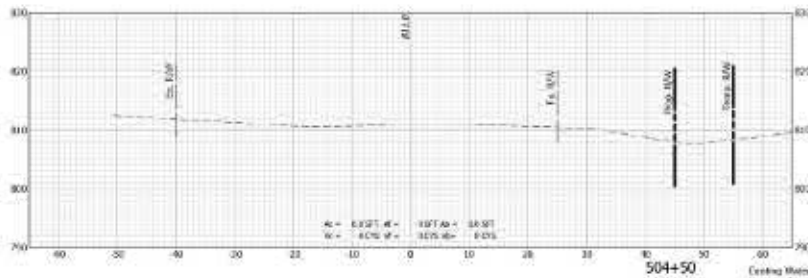
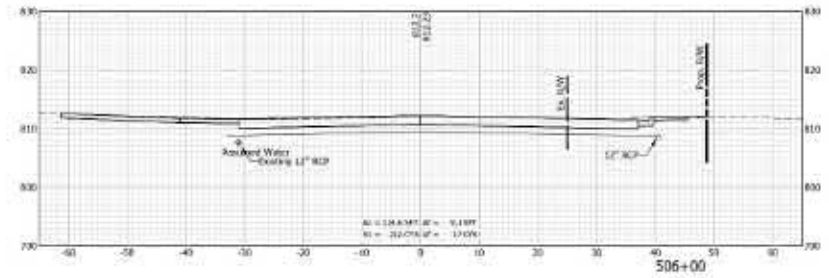
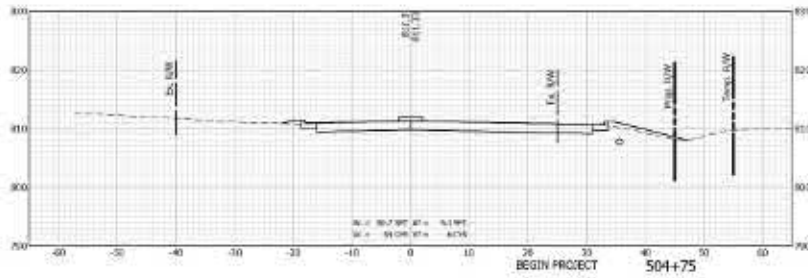
CHECKED BY: _____

CHECKED BY: _____

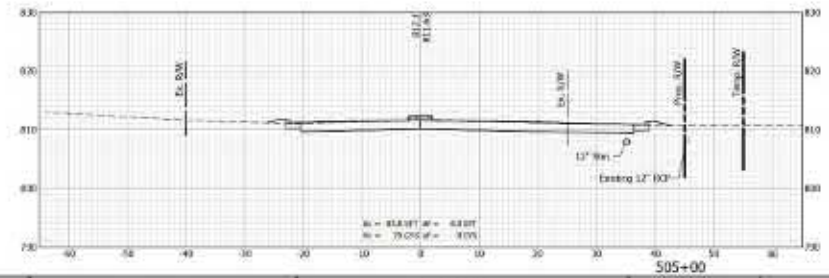
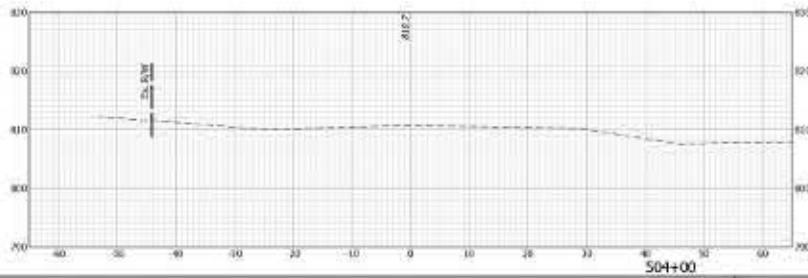
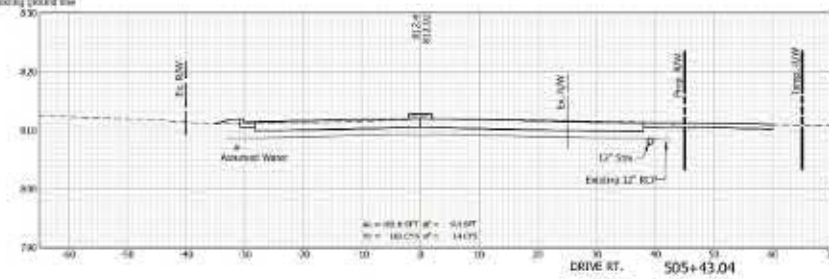
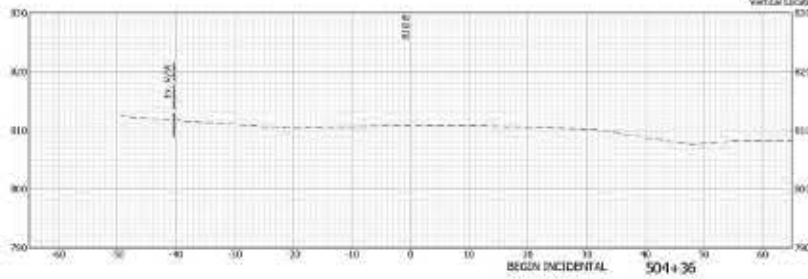
INDIANA
DEPARTMENT OF TRANSPORTATION

SUMMARY TABLES

SCALE	
DATE	
DESIGNATION	
PROJECT	
CONTRACT	
DATE	



Utility Note:
 Existing Water Line
 Horizontal Location = Quality Level C (Q/C)
 Vertical Location = Retained 4 ft below existing ground line



Job No. 2021-00000
 Project No. 2021-00000
 Date: 08/20/2021
 Time: 10:00:00 AM

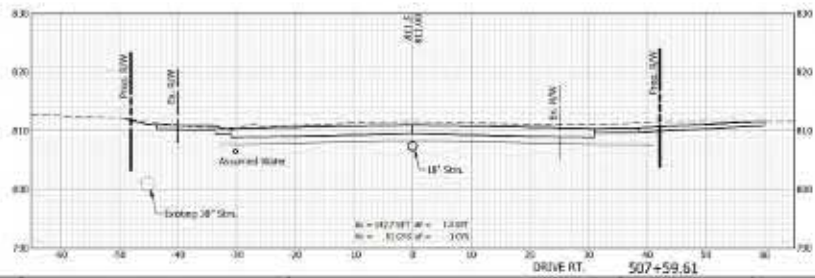
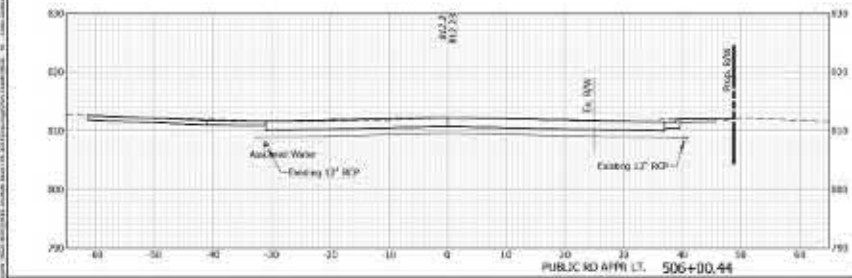
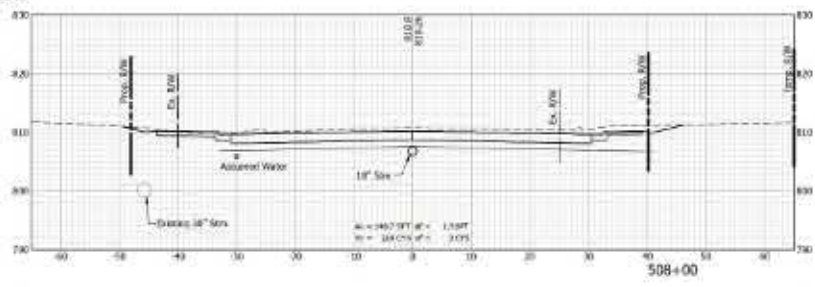
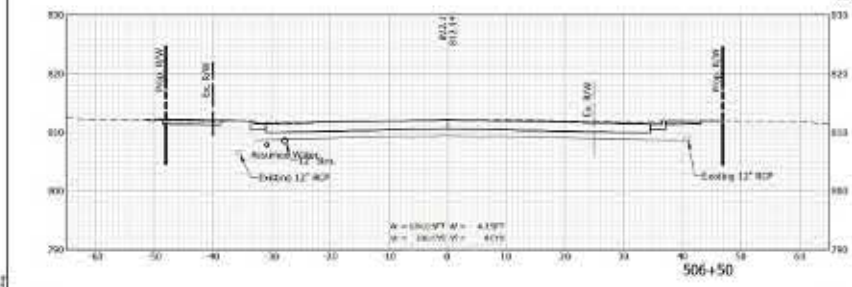
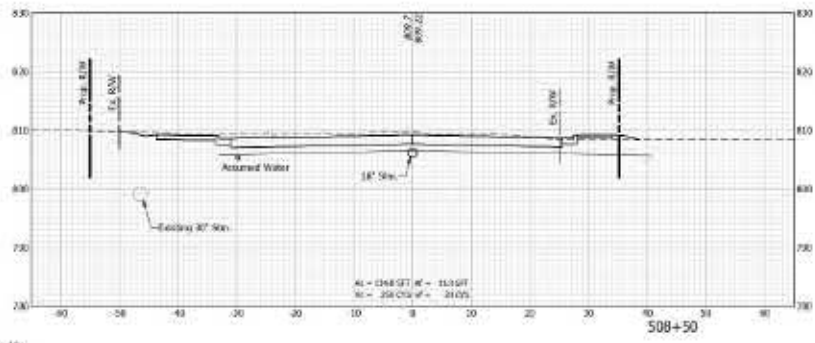
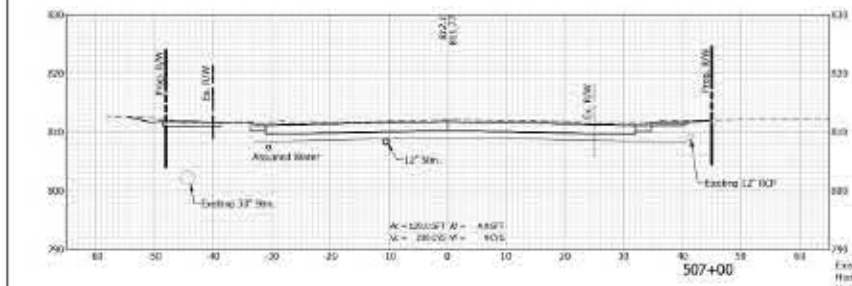
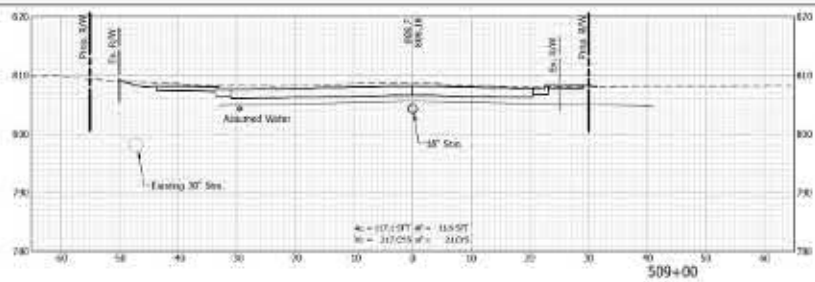
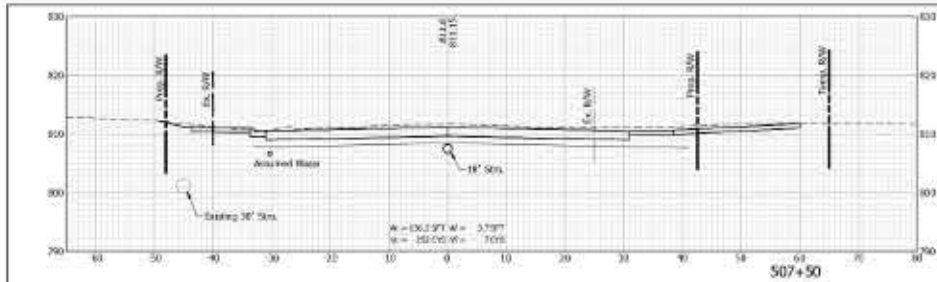


DESIGNED BY: ZYL	DRAWN BY: BJA
CHECKED BY: AJL	SHARED BY: JMB

INDIANA
 DEPARTMENT OF TRANSPORTATION

 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE 1" = 10'	SECTION M1100A
VERTICAL SCALE 1" = 1'	78 OF 78
CONTRACT 9-0209	PROJECT 051100



UTILITY NOTE
 Existing Water Line
 Horizontal Location = Quality Level C (X-C)
 Vertical Location = Assumed 4 ft below existing ground line

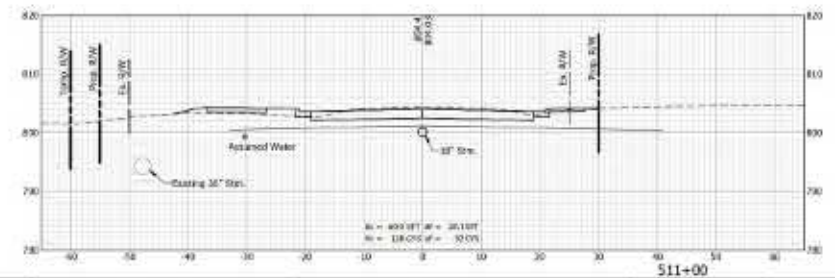
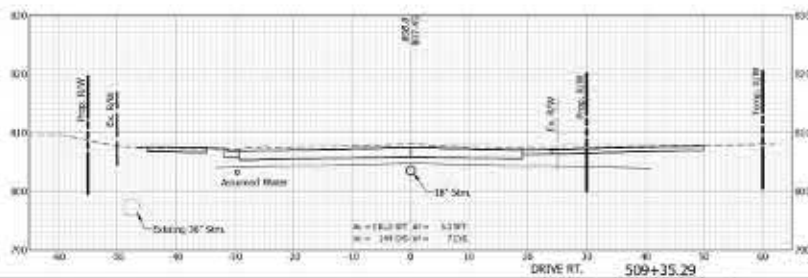
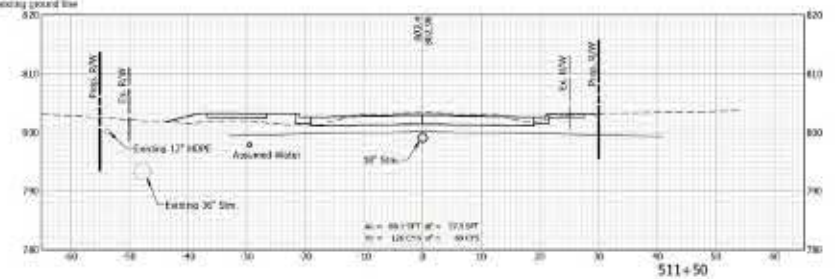
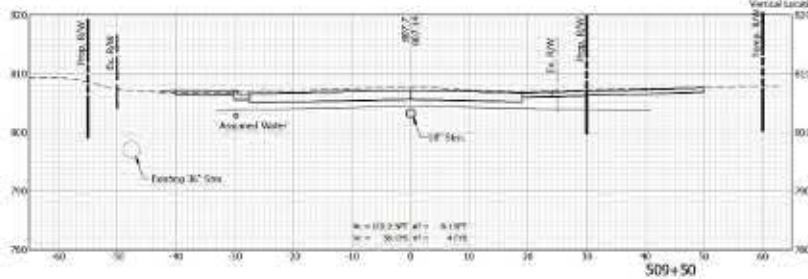
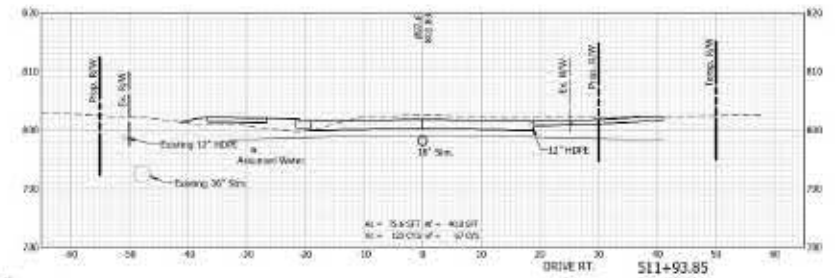
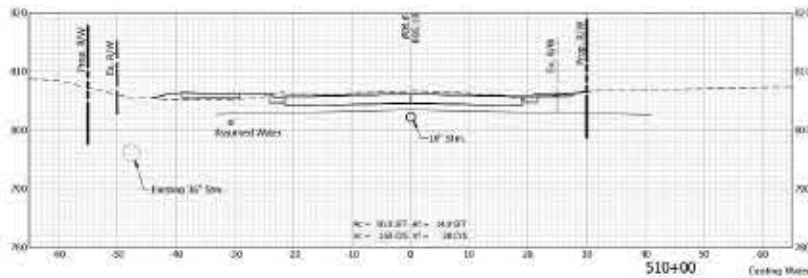
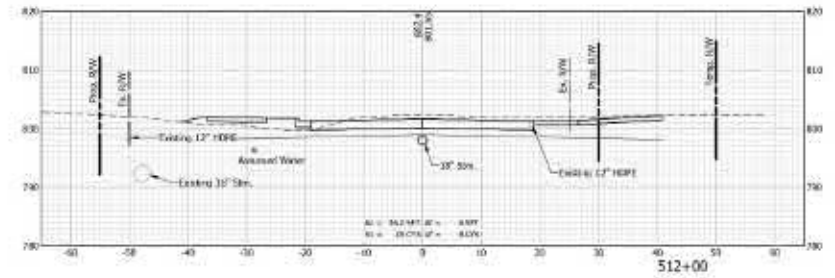
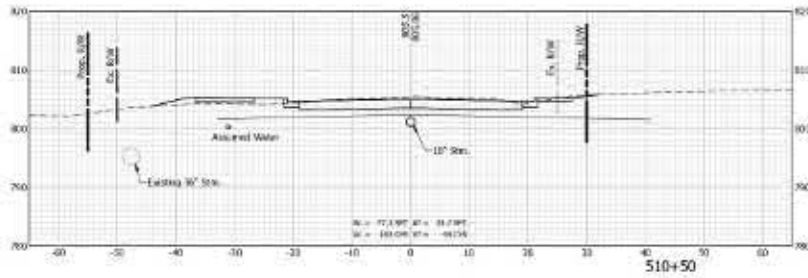
Job No. 2017-0006
 Project Name: I-69 Interchange at I-475
 Date: 08/15/2017



DESIGNED BY	DRAWN BY
CHECKED BY	QUANTITY BY

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE 1" = 10'	SECTION M1102A
VERTICAL SCALE 1" = 1'	SHEET 24 OF 2
CONTRACT 9-0209	PROJECT I-69



UTILITY NOTE
 Existing Water Line
 Horizontal Location = Quality Level C (Q/C)
 Vertical Location = Retained 4 ft below existing ground line

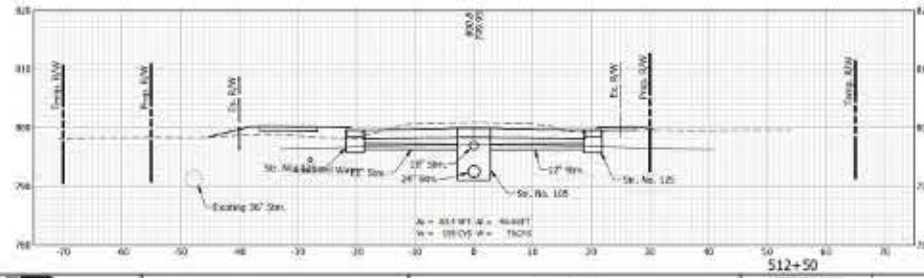
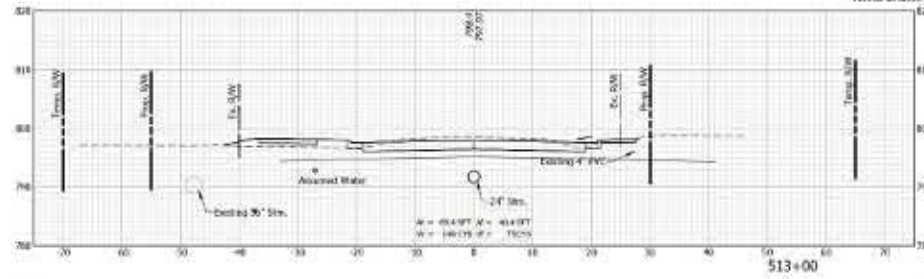
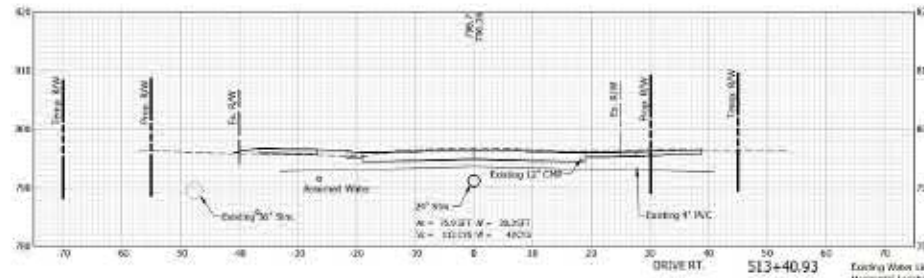
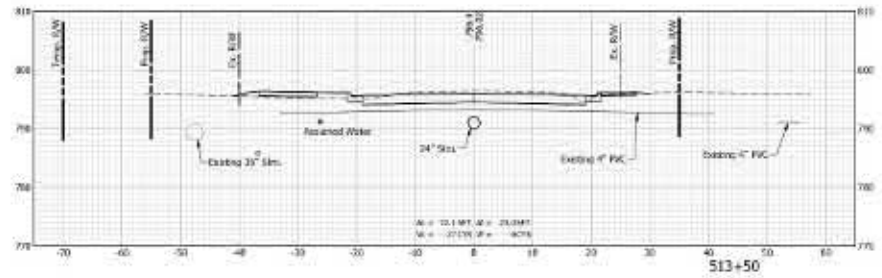
Job No. 2021-0006
 Project Name: I-69 Interchange at I-75
 Date: 08/11/2021



DESIGNED BY	DRAWN BY
CHECKED BY	APPROVED BY

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
CONTRACT	9-0209
REVISION	01/11/20



Existing Water Line
Horizontal Location = Quality Level
Vertical Location = Assumed 0.1% S

Job No. 2021-00000
 Project No. 2021-00000
 Date: 10/15/2021
 Scale: 1" = 10'-0"

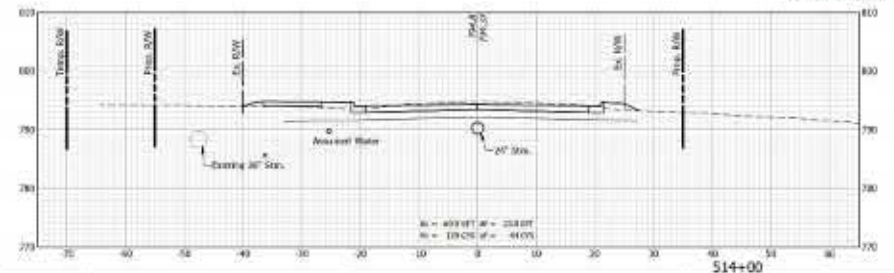
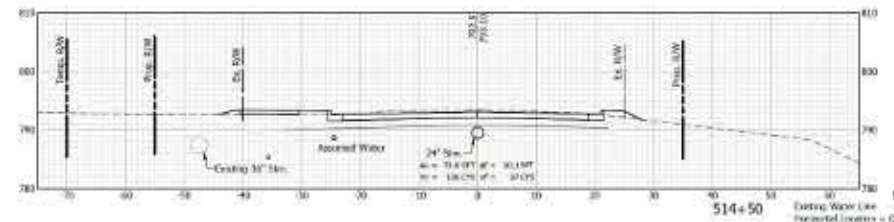
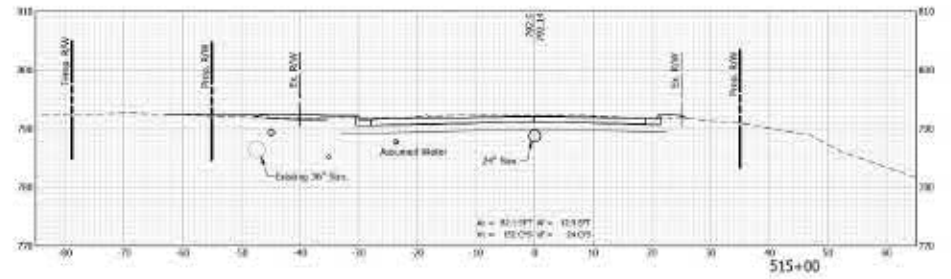
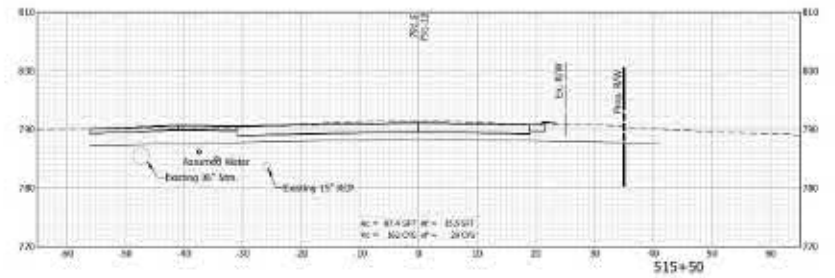
ENGINEERING RESOURCES, INC.
 111 N. W. 10th St.
 Fort Wayne, Indiana 46802
 Phone: 317-234-1100
 Fax: 317-234-1101
 www.eri-inc.com

DESIGNED BY	DRAWN BY
CHECKED BY	SHARAD JHA

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE 'A'**

HORIZONTAL SCALE 1" = 10'	SECTION
VERTICAL SCALE 1" = 1'	DATE 10/15/21
CONTRACT 9-0209	PROJECT 101108



Utility No.
 Existing Water Line
 Horizontal Location = Quality Level
 Vertical Location = Assumed 4.75 ft

Job No. 2021-0006
 Project Name: 2021-0006 - New 24\"/>

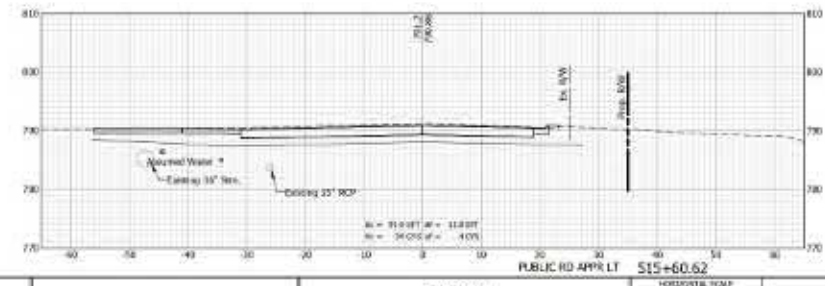
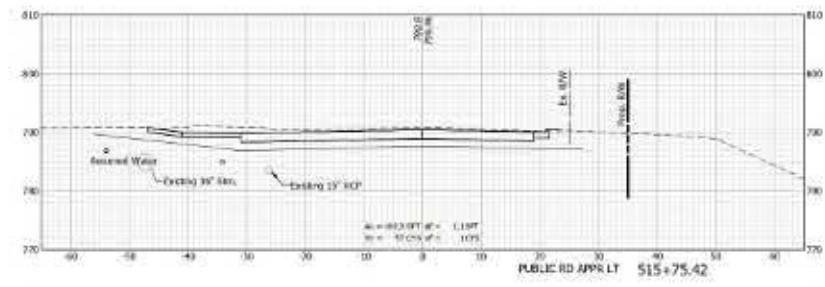
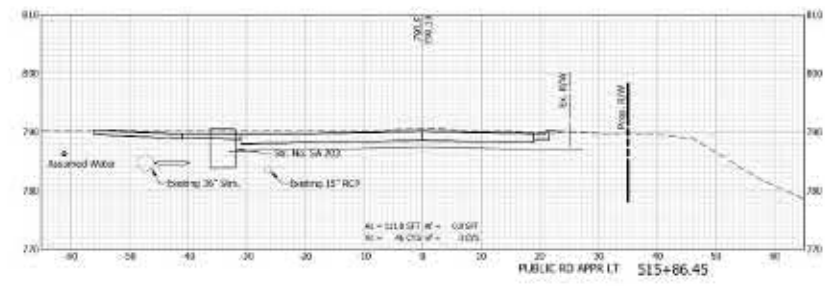
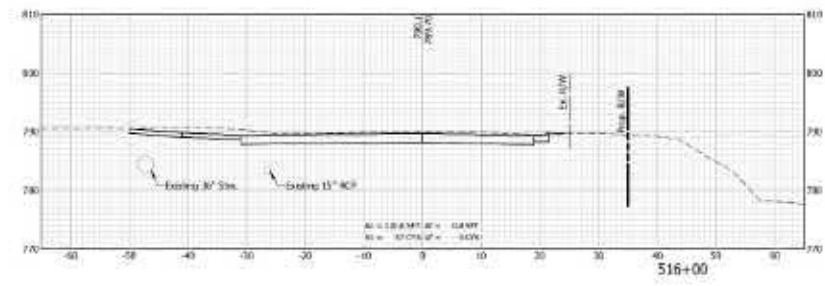

ENGINEERING
 RESOURCES, INC.
7th Floor, 100 West
 Washington Street, Suite 700
 Indianapolis, Indiana 46202

DESIGNED BY	DRAWN BY
CHECKED BY	SHARAD JAIN

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 10'
CONTRACT	9-0209
REVISION	01/11/20



Job No. 2011-00000
 Project Name: 2011-00000
 Date: 11/11/2011
 Scale: 1" = 10'

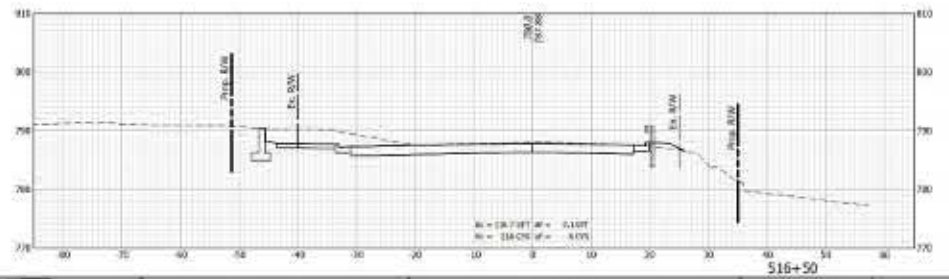
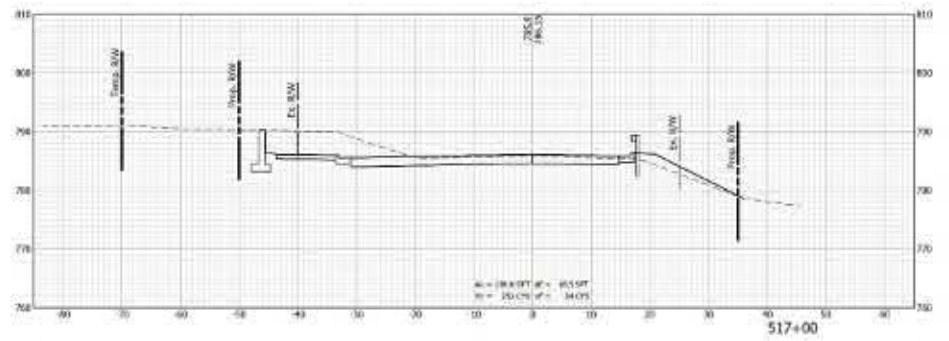
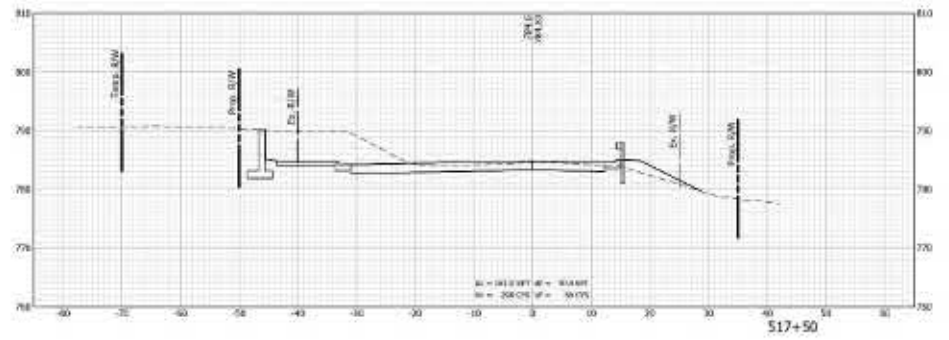

ENGINEERING
 RESOURCES, INC.
 7th Floor, 1000 N. 10th St., Suite 700
 Indianapolis, IN 46202
 Phone: 317.633.1111
 Fax: 317.633.1112
 Website: www.ersinc.com

DESIGNED BY	DRAWN BY
CHECKED BY	SHARAD JHA

INDIANA
 DEPARTMENT OF TRANSPORTATION

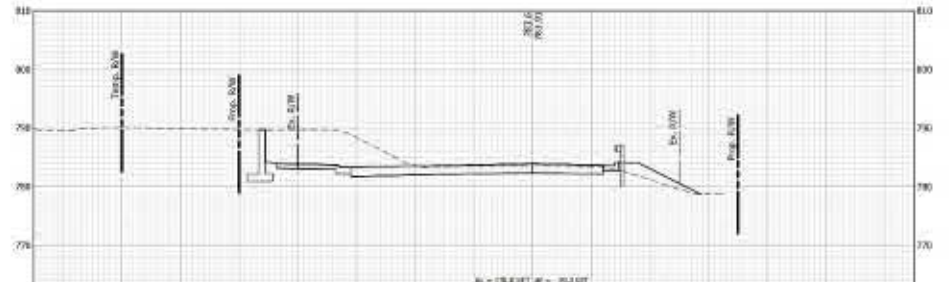
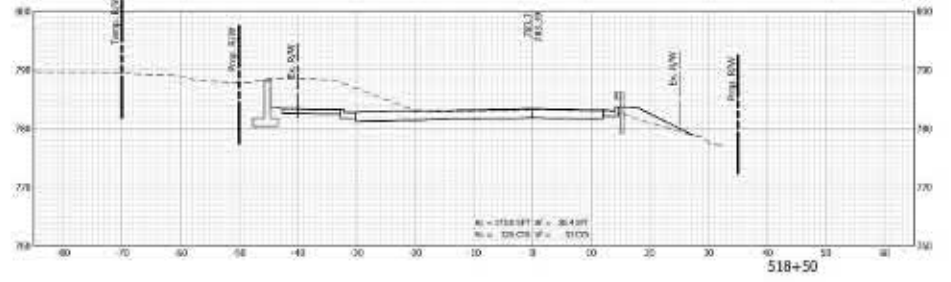
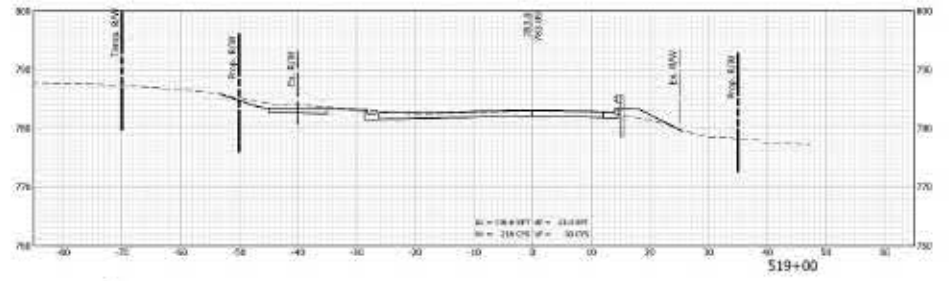
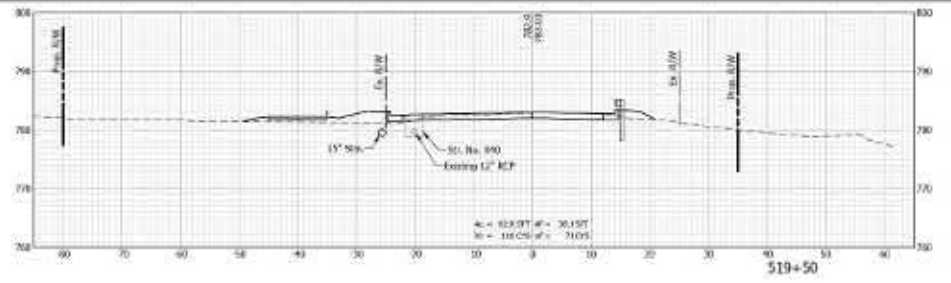
 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE	1" = 10'	SECTION	26	OF	26
VERTICAL SCALE	1" = 10'	PROJECT			
CONTRACT	9-0209	PROJECT			
		SECTION			



 ENGINEERING RESOURCES, INC. <small>PH 732-986-9673 FAX 732-986-9674 415 W. 4000 Road East Windsor, New Jersey 08515</small>	DESIGNED BY	DRAWN BY	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE 'A'	HORIZONTAL SCALE	1" = 10'	SECTION	01100A
	CHECKED BY	SHARAD JMB		VERTICAL SCALE	1" = 1'	DATE	7/1/10
				CONTRACT	9-0-09	PROJECT	101100

Job No. 101100 - 01100A
 Project Name: I-75/US-40 Interchange at I-75/US-40 Interchange, I-75/US-40 Interchange



Job No. 2011-1000
 Project No. 2011-1000
 Date: 10/10/11
 Scale: 1" = 10'-0"
 Author: JMM
 Checker: JMM
 Date: 10/10/11

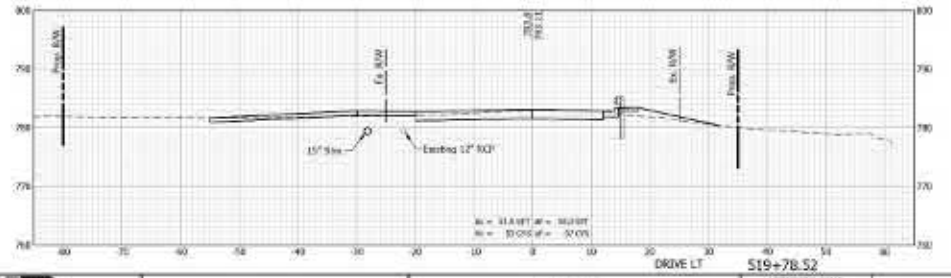
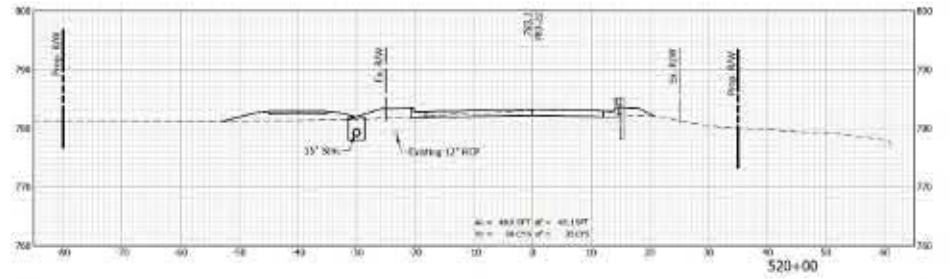
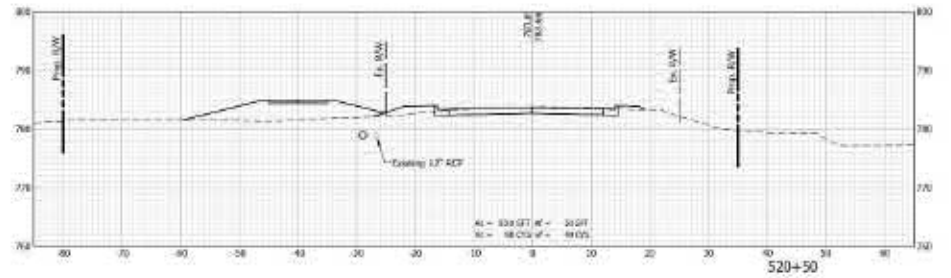
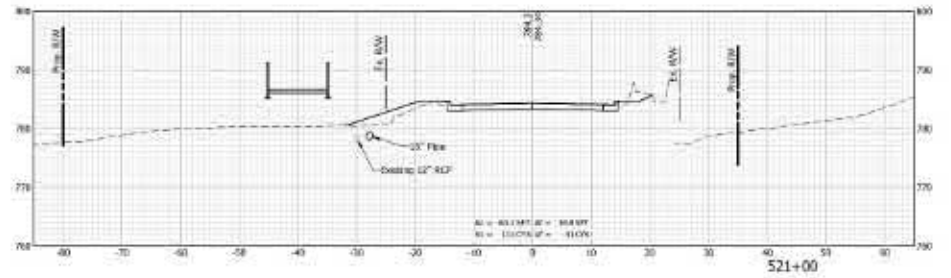
ENGINEERING RESOURCES, INC.
 1115 W. 10th St.
 Tulsa, Oklahoma 74106
 Phone: (918) 438-2000
 Fax: (918) 438-2001
 www.eri-usa.com

DESIGNED BY	DRAWN BY
CHECKED BY	APPROVED BY

INDIANA
 DEPARTMENT OF TRANSPORTATION

 CROSS SECTIONS
 LINE 'A'

518+00	
HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
CONTRACT	9-0-09
PROJECT	101108



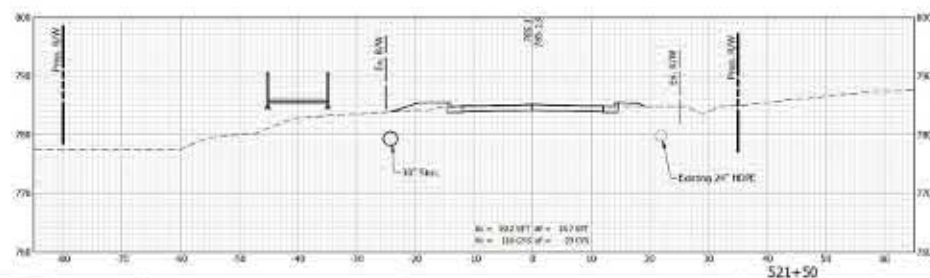
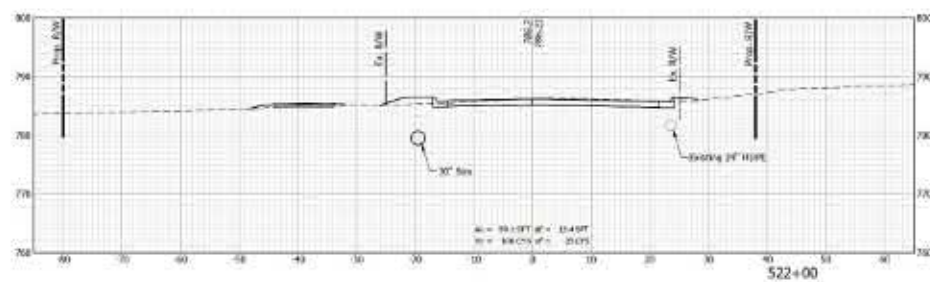
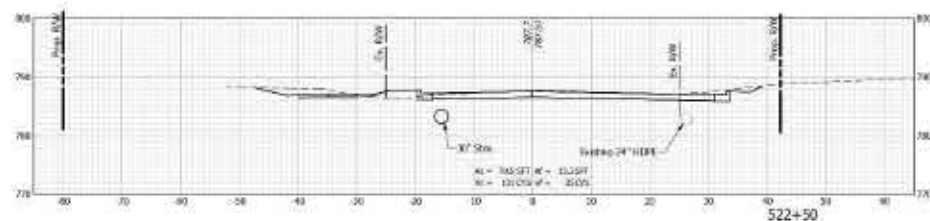
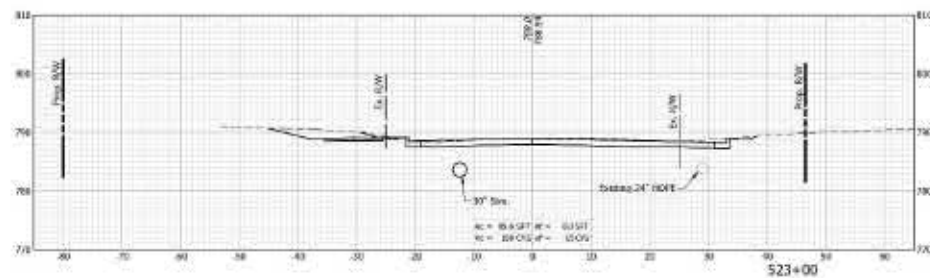
Job No. 211 - 10/08
 Project Name: 211 - 10/08
 Date: 10/08/08

ENGINEERING RESOURCES, INC.
 7th Floor, 100 N. Meridian Street, Indianapolis, IN 46202
 Phone: 317.633.1111
 Fax: 317.633.1112
 Website: www.eri.com

DESIGNED BY: ZYL	DRAWN BY: JJA
CHECKED BY: AJL	SHADED BY: JMB

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS LINE 'A'

HORIZONTAL SCALE 1" = 10'	SECTION
VERTICAL SCALE 1" = 1'	SECTION
DATE	NO. OF SHEETS
CONTRACT	PROJECT
9-0209	101108



DESIGNER: ZEN
 CHECKED: AD

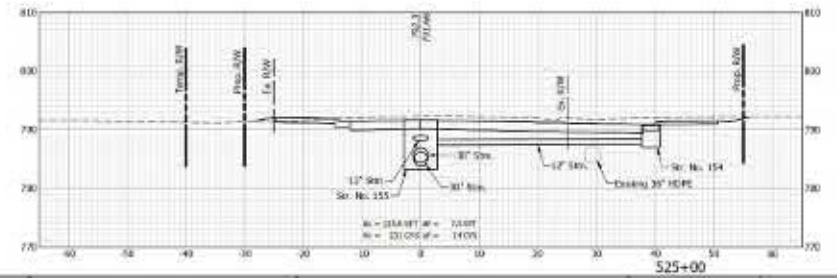
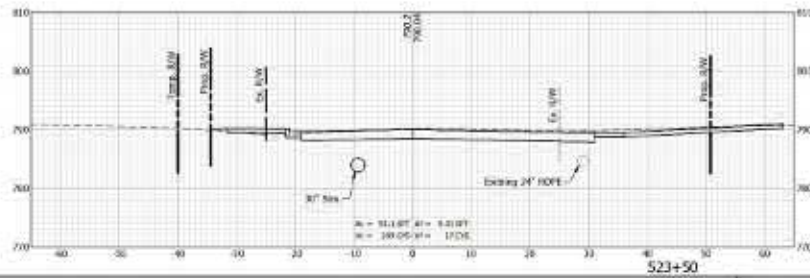
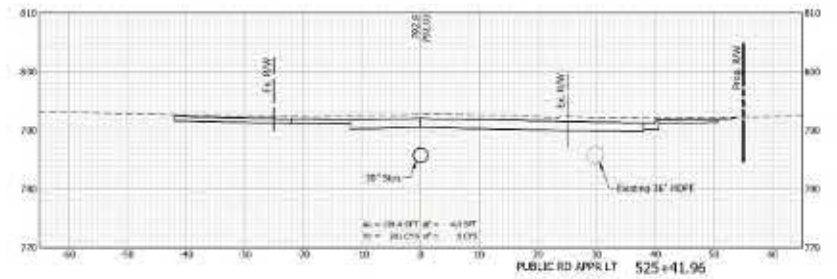
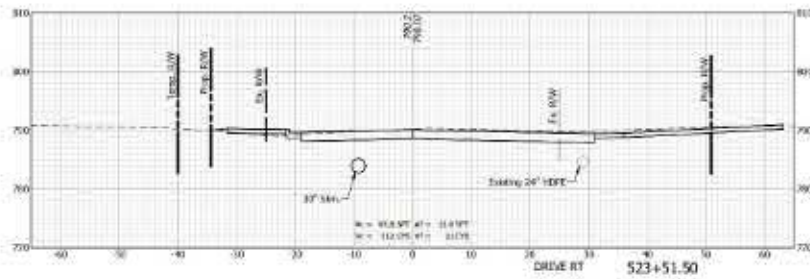
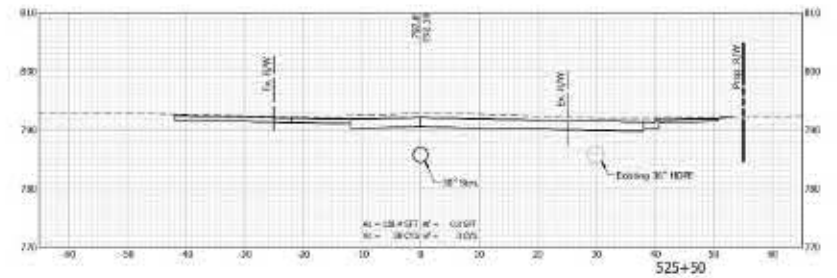
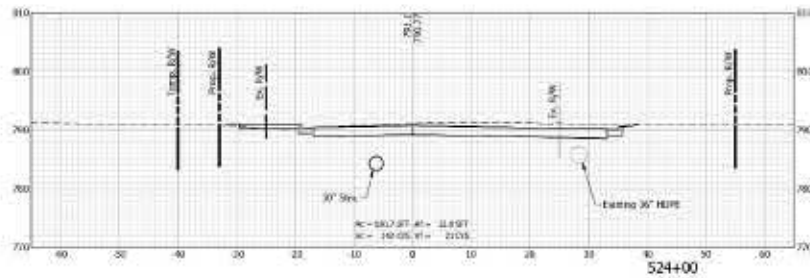
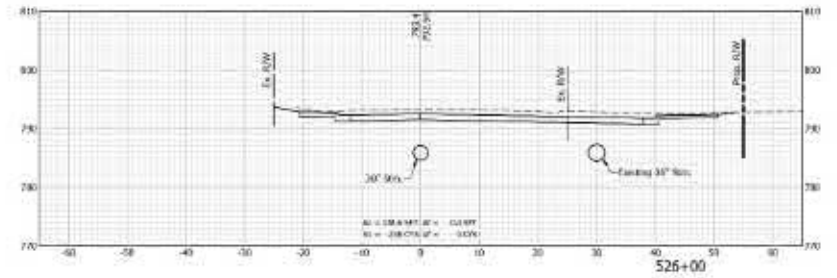
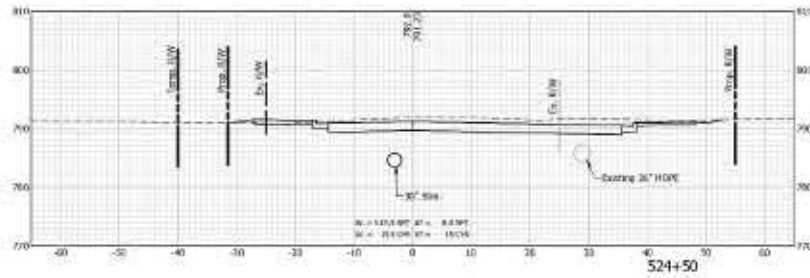
DRAWN: BJA
 CHECKED: JMB

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE 1" = 40'	SECTION
VERTICAL SCALE 1" = 10'	SECTION M11428
CONTRACT 9-6209	SHEET 41 OF 118
	PROJECT 101108

Job No. 21-118-001
 Project No. 21-118-001
 Date: 08/20/2024



Job No. 2021-0005
 Project Name: 2021-0005
 Date: 10/10/2021
 Drawn by: JMM
 Checked by: JMM
 Scale: 1" = 10'

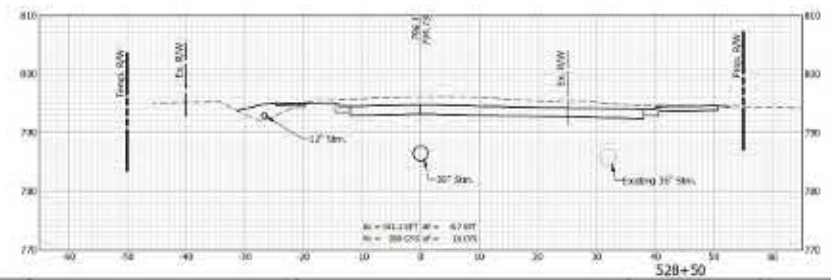
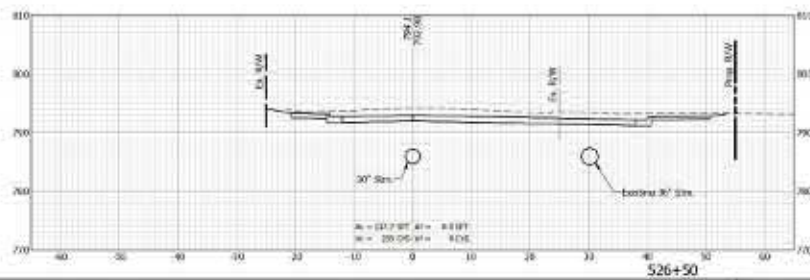
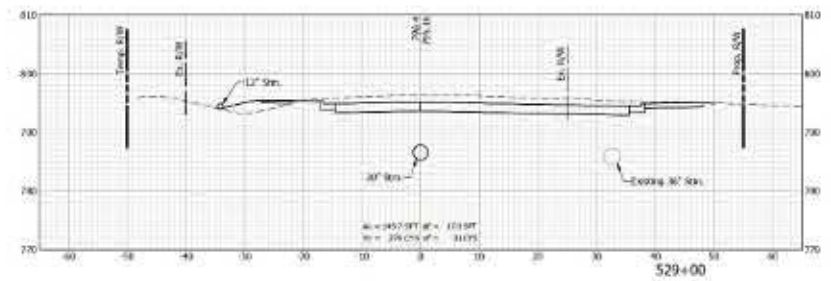
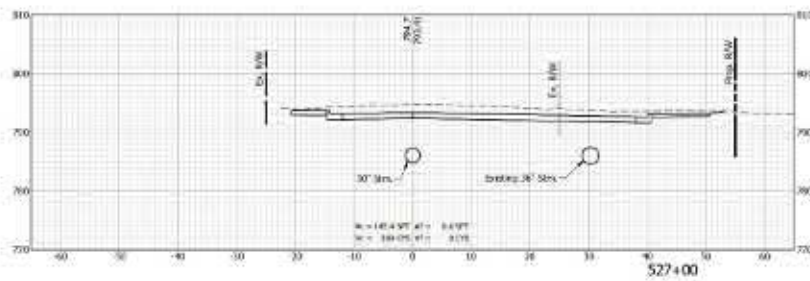
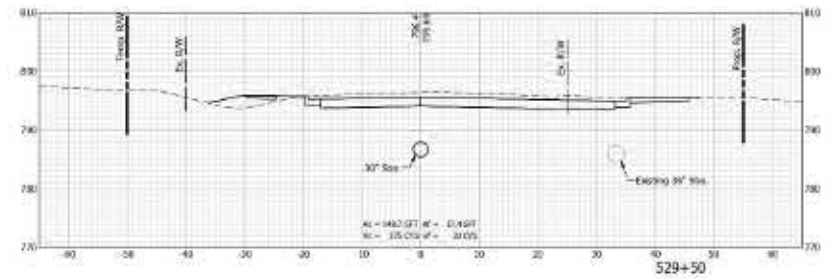
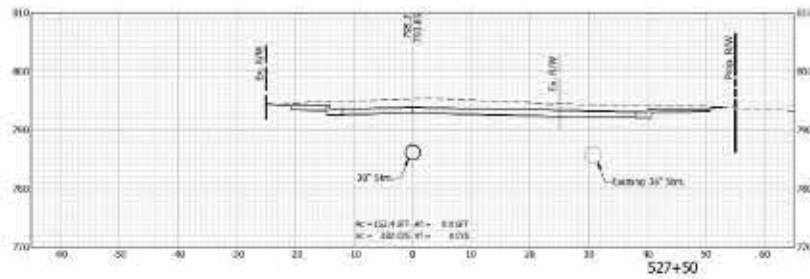
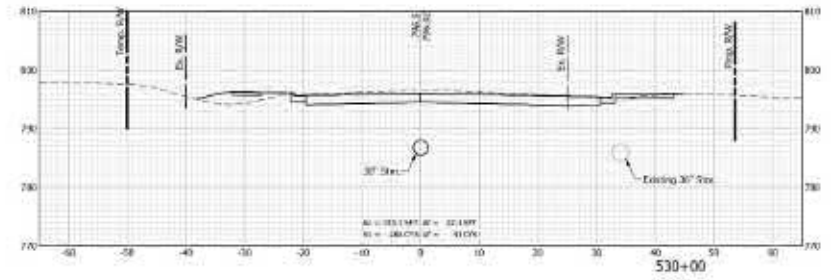
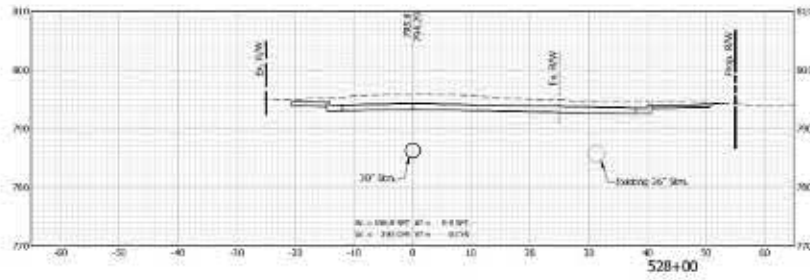


DESIGNED BY:	JMM
CHECKED BY:	JMM

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
DESIGNATION	111100
SHEET NO.	11
CONTRACT	9-1200
PROJECT	111100



Job No. 2017-00000
 Project Name: I-69
 Drawing Title: Cross Sections Line A
 Date: 08/15/17

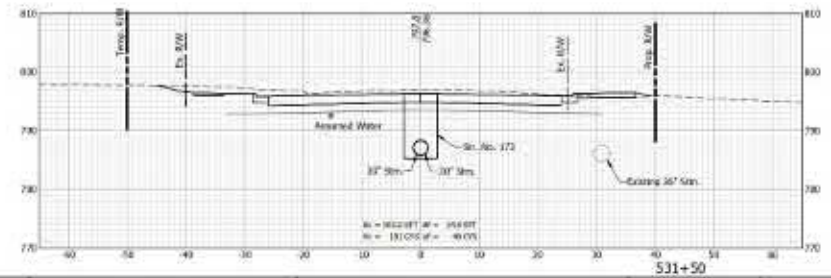
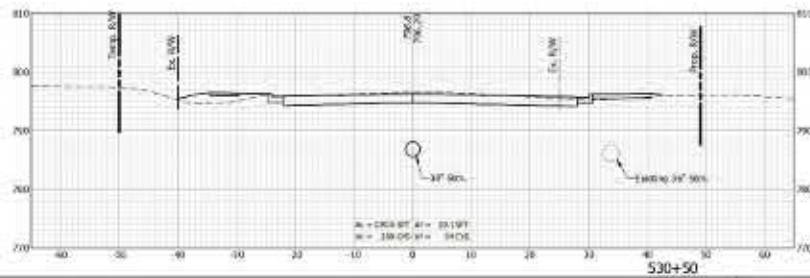
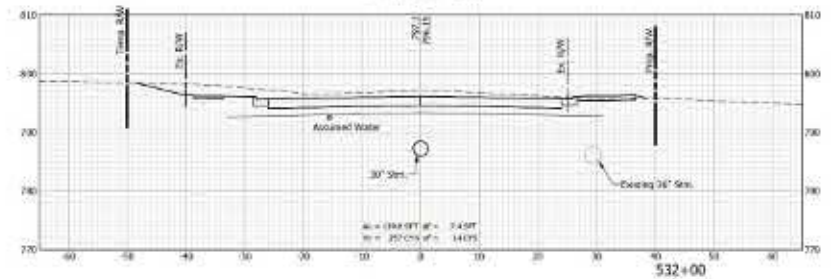
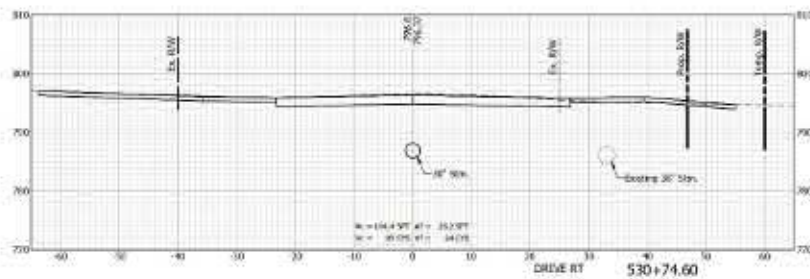
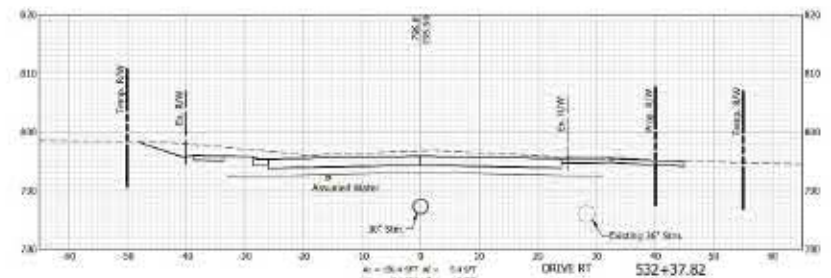
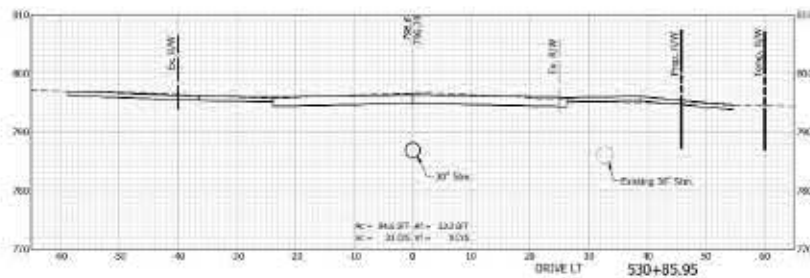
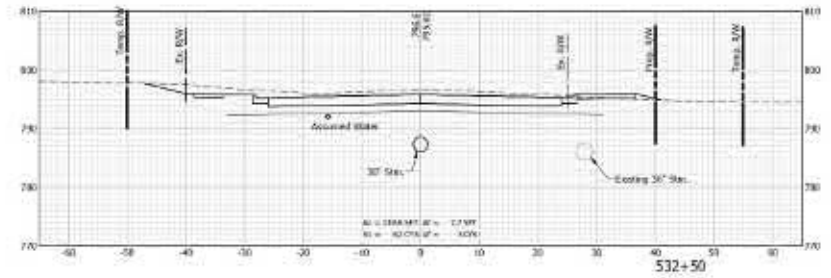
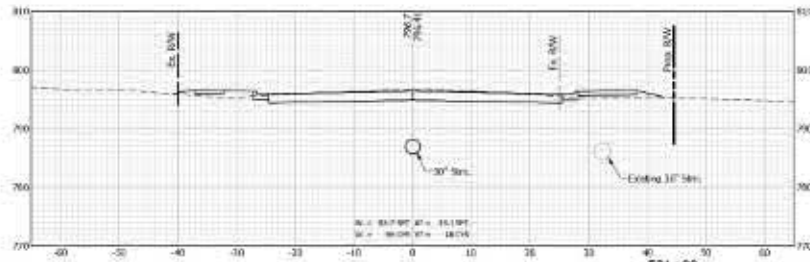

ENGINEERING
RESOURCES, INC.
 1111 W. 10th Street
 Fort Worth, Texas 76102

DESIGNED BY	DRAWN BY
CHECKED BY	APPROVED BY

INDIANA
 DEPARTMENT OF TRANSPORTATION

 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
CONTRACT	9-0-09
REVISION	NO. 1
DATE	08/15/17
PROJECT	I-69
DRAWING NO.	2017-00000



Job No. 2017-0001
 Project: Indiana Department of Transportation - I-69
 Station: 530+00 to 531+50

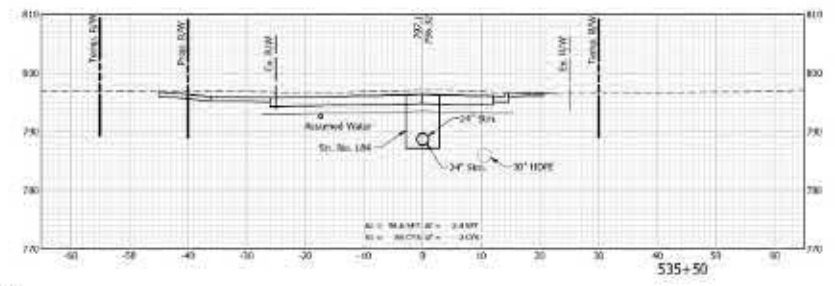
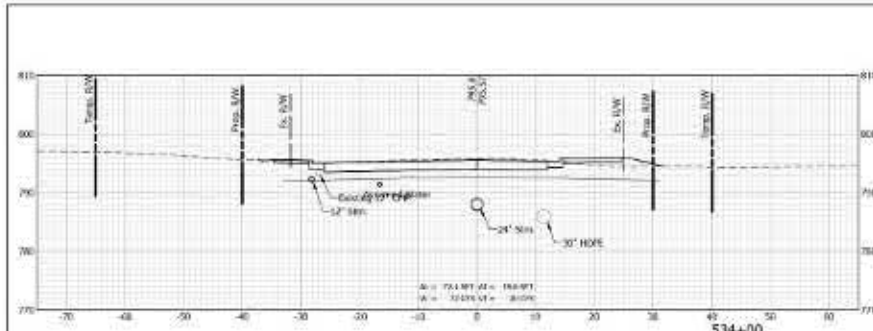


DESIGNED BY	DRAWN BY
CHECKED BY	APPROVED BY

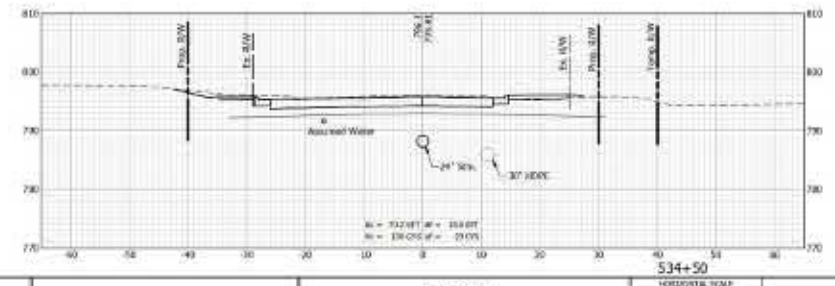
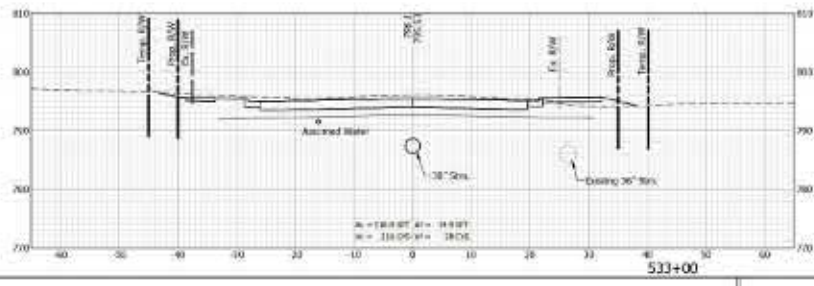
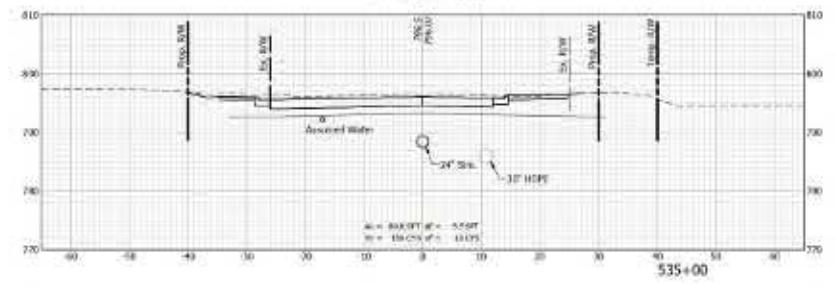
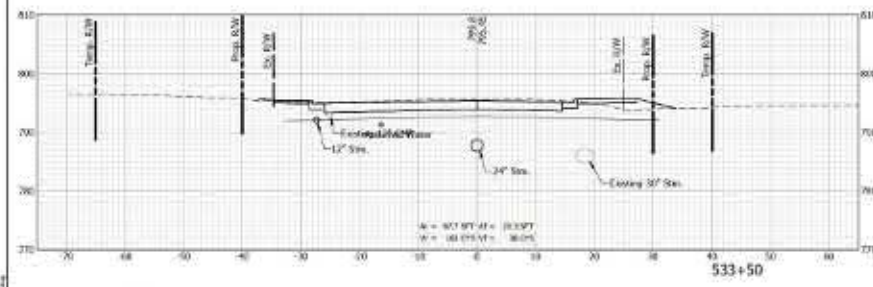
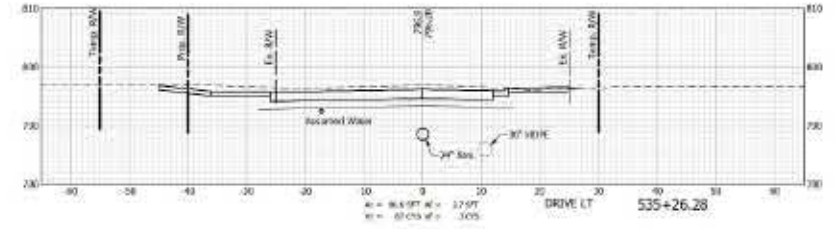
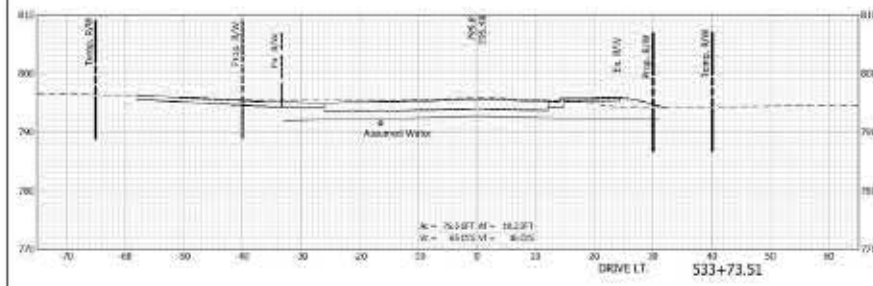
INDIANA
 DEPARTMENT OF TRANSPORTATION

 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
DATE	08/15/18
PROJECT	I-69
CONTRACT	9-6209
REVISION	001/001



UTILITY NOTE:
 Existing Water Line
 Horizontal Location = Quality Level C (X-C)
 Vertical Location = Assumed 4 ft below existing ground line

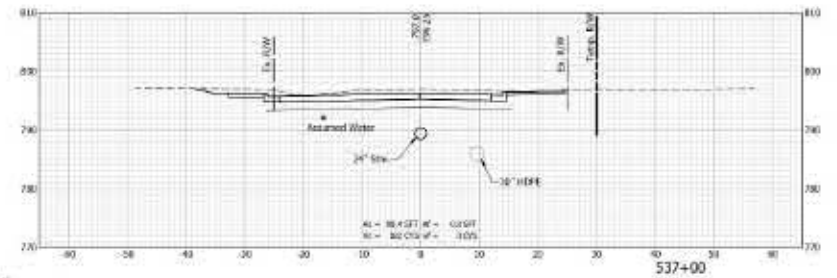
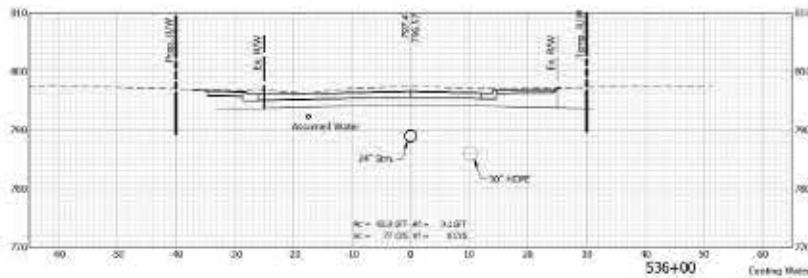
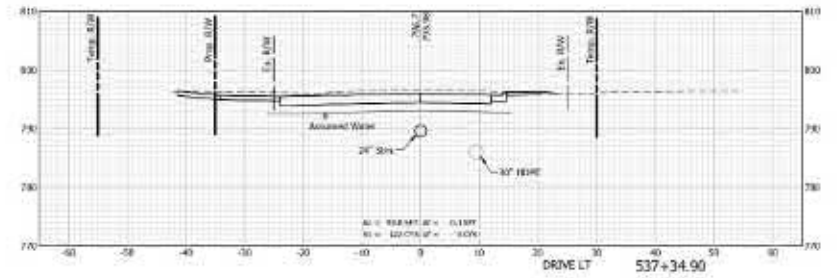
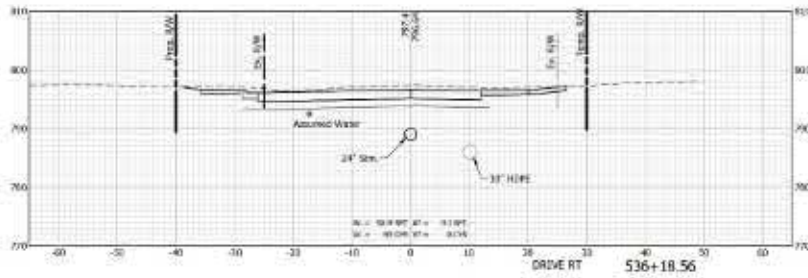


DICKENS, JIN	DRAWN: BJA
CHKD BY: AD	CHKD BY: JMB

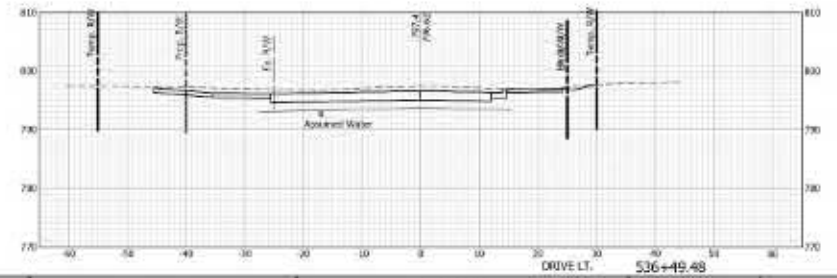
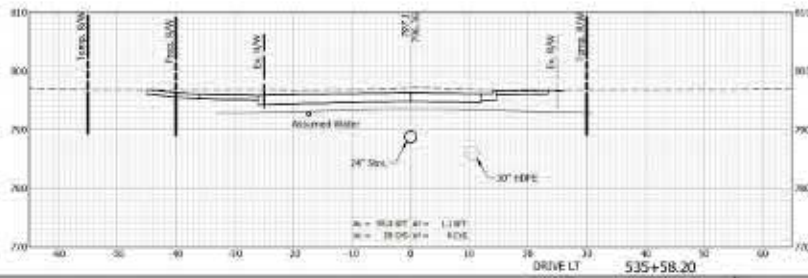
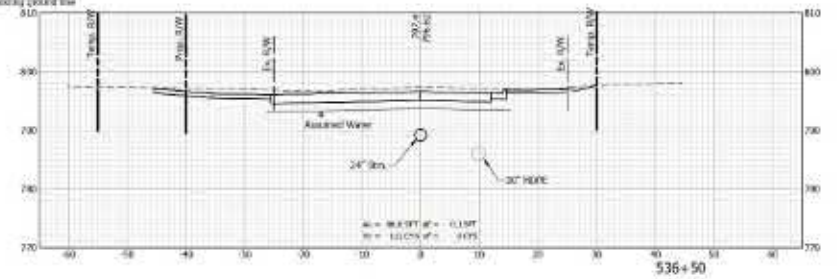
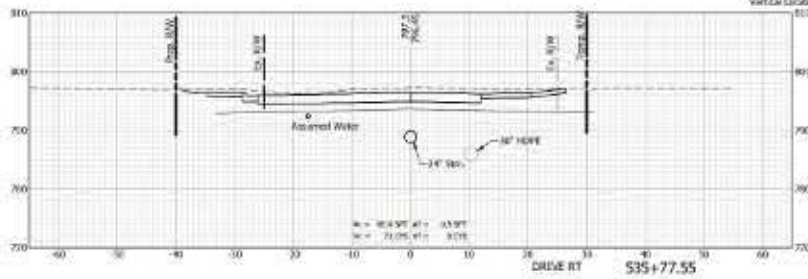
INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE 1" = 10'	REVISION
VERTICAL SCALE 1" = 1'	NO. OF SHEETS
DATE	PROJECT
CONTRACT 9-0209	101108



UTILITY NOTE
 Ceiling Water Line
 Horizontal Location = Quality Level C (Q/C)
 Vertical Location = Assumed 4 ft below existing ground line

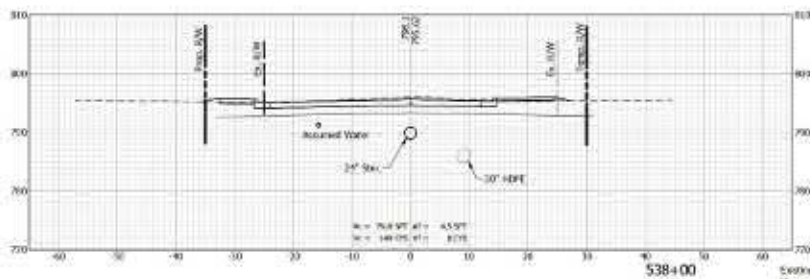
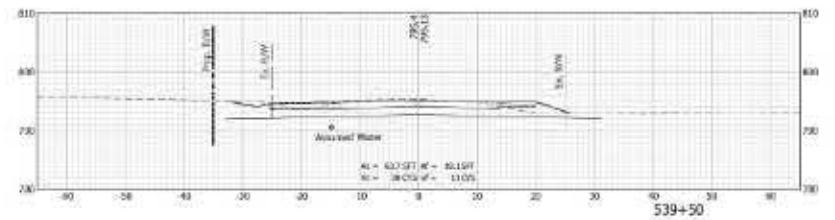
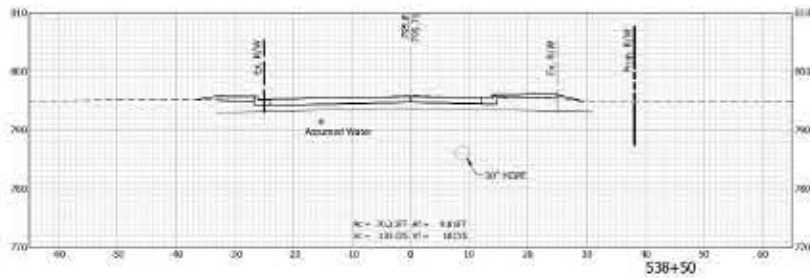
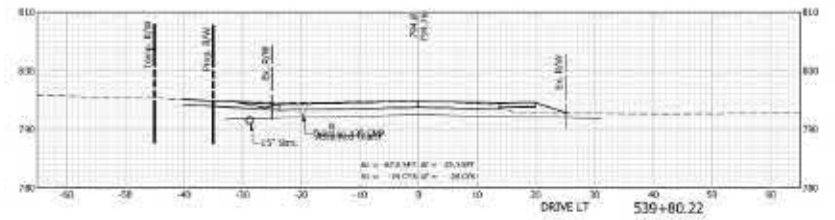
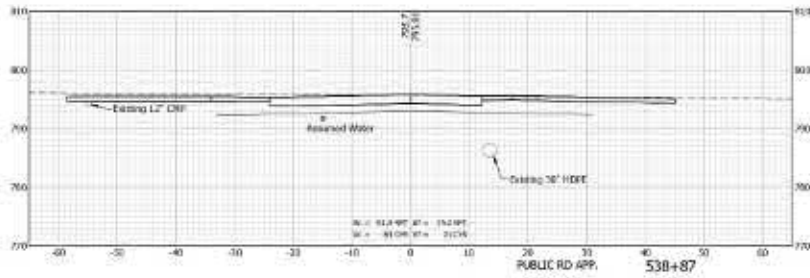


DESIGNED BY	DRAWN BY
CHECKED BY	CHECKED JMS

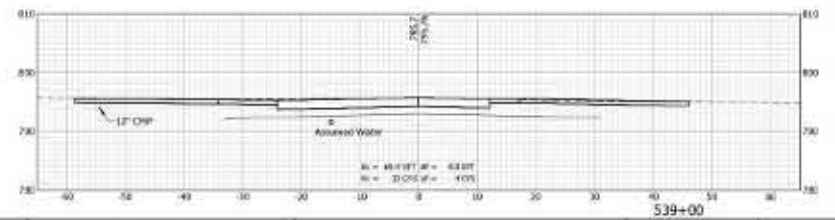
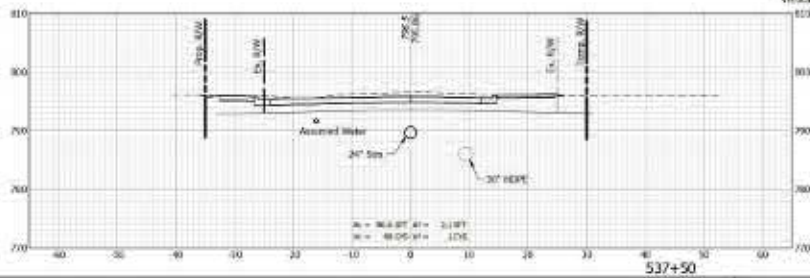
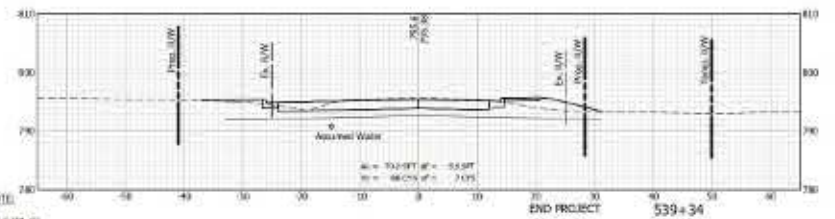
INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE 1" = 10'	SECTION
VERTICAL SCALE 1" = 1'	DATE
CONTRACT 9-0209	PROJECT 051108

Job No. 2011-0000
 Project Name: I-75/US-41 Interchange
 Date: 08/11/2011
 Scale: 1" = 10' (Horizontal), 1" = 1' (Vertical)
 Drawing No.: 9-0209-051108-01



UTILITY NOTE:
 Existing Water Line
 Horizontal Location = Quality Level C (QLC)
 Vertical Location = Assumed 4 ft below existing ground line



Job No. 2021-000000
 Project Name: I-69 Interchange at I-75
 Drawing Title: Cross Sections Line A'
 Date: 08/11/2021



DESIGNED BY:	DRAWN BY:
CHECKED BY:	SHARED BY:

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE 'A'

HORIZONTAL SCALE	1" = 10'
VERTICAL SCALE	1" = 1'
DESIGNATION	SECTION
DATE	NO. OF SHEETS
CONTRACT	PROJECT
9-0209	101108