PROJECT	DESIGNATION
1600808	1901936
CONTRACT	
B-36910	

INDIANA DEPARTMENT OF TRANSPORTATION

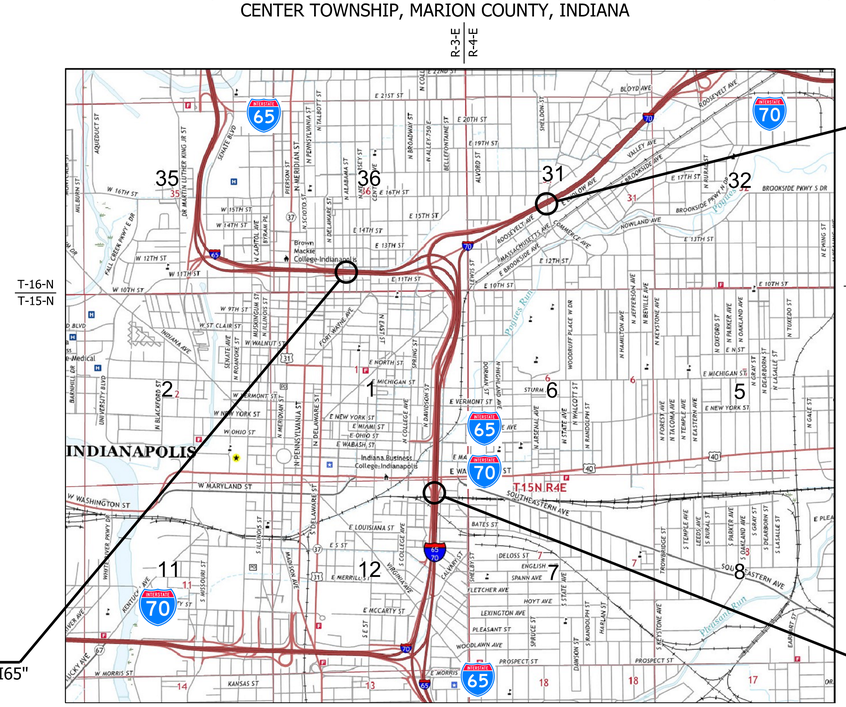
SIGN, LIGHTING, SIGNALS AND PAVEMENT MARKING PLANS

ROUTE: I-65 FROM: RP 111+0.16 TO: RP 112+0.94
I-70 FROM: RP 81+0.72 TO: RP 83+0.67

PROJECT NO. 1600808 (P.E. & CONSTR.)

RECONSTRUCTION OF I-65/I-70 (NORTH SPLIT) INTERCHANGE
IN SECTIONS 35 & 36, T-16-N, R-3-E, SECTION 31, T-16-N, R-4-E, SECTIONS 1 & 12, T-15-N, R-3-E,
CENTER TOWNSHIP, MARION COUNTY, INDIANA

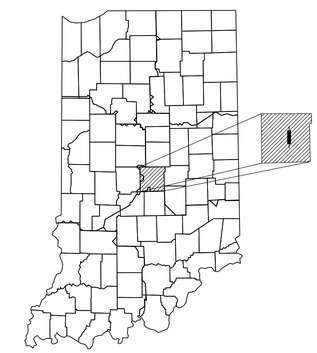
KIN PROJECT INFORMATION		
DESIGNATION	PROJECT DESCRIPTION	
1600808	COMPLETE ROAD RECONSTRUCTION OF I-65/I-70 FROM WASHINGTON STREET TO I-65 OVER DELAWARE STREET AND I-70 OVER VALLEY AVENUE	LEAD DES
1901935	ITS FOR I-65/I-70 FROM WASHINGTON STREET TO I-65 OVER DELAWARE STREET AND I-70 OVER VALLEY AVENUE	
1901936	SIGNS, LIGHTING, SIGNALS AND MARKING FOR I-65/I-70 FROM WASHINGTON STREET TO I-65 OVER DELAWARE STREET AND I-70 OVER VALLEY AVENUE	
1901847	BRIDGE REPLACEMENT ON I-65/I-70 NB OVER WASHINGTON STREET	
1901848	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER WASHINGTON STREET	
1901849	BRIDGE REPLACEMENT ON I-65/I-70 SB CD OVER WASHINGTON STREET	
1901850	BRIDGE REPLACEMENT ON I-65/I-70 NB OVER MARKET STREET	
1901851	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER MARKET STREET	
1901852	BRIDGE REPLACEMENT ON I-65/I-70 SB CD OVER MARKET STREET	
1901853	BRIDGE REPLACEMENT ON I-65/I-70 NB OVER CSX RAILROAD & OHIO STREET	
1901854	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER CSX RAILROAD & OHIO STREET	
1901855	BRIDGE REPLACEMENT ON I-65/I-70 SB CD OVER CSX RAILROAD & OHIO STREET	
1901856	BRIDGE REPLACEMENT ON I-65/I-70 NB OVER NEW YORK STREET	
1901857	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER NEW YORK STREET	
1901858	BRIDGE REPLACEMENT ON I-65/I-70 SB CD OVER NEW YORK STREET	
1901861	BRIDGE REPLACEMENT ON I-65/I-70 NB, SB, & SB CD OVER VERMONT STREET	
1901862	BRIDGE REPLACEMENT ON I-65 NB & I-70 EB OVER MICHIGAN STREET	
1901863	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER MICHIGAN STREET	
1901864	BRIDGE REPLACEMENT ON I-65/I-70 SB CD OVER MICHIGAN STREET	
1901865	BRIDGE REPLACEMENT ON I-65 NB OVER I-70 EB ENTRANCE RAMP	
1901881	BRIDGE REPLACEMENT ON I-65 NB OVER ST. CLAIR STREET	
1901889	NEW BRIDGE CONSTRUCTION ON I-70 EB OVER ST. CLAIR STREET	
1901892	BRIDGE REPLACEMENT ON I-65/I-70 SB OVER ST. CLAIR STREET	
1901896	NEW BRIDGE CONSTRUCTION ON I-65/I-70 SB CD OVER ST. CLAIR STREET	
1901897	BRIDGE REPLACEMENT ON I-65 NB OVER EAST 10TH STREET	
1901899	NEW BRIDGE CONSTRUCTION ON I-70 EB OVER EAST 10TH STREET	
1901901	BRIDGE REPLACEMENT ON I-65 SB OVER EAST 10TH STREET	
1901903	BRIDGE REPLACEMENT ON I-70 WB OVER EAST 10TH STREET	
1901905	NEW BRIDGE CONSTRUCTION ON I-65/I-70 SB CD OVER EAST 10TH STREET	
1901906	NEW BRIDGE CONSTRUCTION ON I-65 NB CD EXIT RAMP OVER CENTRAL AVENUE	
1901907	BRIDGE REPLACEMENT ON I-65 NB OVER CENTRAL AVENUE	
1901908	BRIDGE REPLACEMENT ON I-65 SB OVER CENTRAL AVENUE	
1901909	NEW BRIDGE CONSTRUCTION ON I-65 SB CD ENTRANCE RAMP OVER CENTRAL AVE.	
1901914	BRIDGE REPLACEMENT ON I-70 WB TO I-65 NB OVER COLLEGE AVENUE	
1901915	BRIDGE REPLACEMENT ON I-65 NB CD EXIT RAMP OVER COLLEGE AVENUE	
1901917	BRIDGE REPLACEMENT ON I-65 SB & SB CD OVER COLLEGE AVENUE	
1901918	BRIDGE REPLACEMENT ON I-65 SB TO I-70 EB OVER COLLEGE AVENUE & 5 RAMPS	
1901919	BRIDGE REPLACEMENT ON I-65 NB OVER I-70 WB & SB CD RAMP	
1901920	BRIDGE REPLACEMENT ON I-70 WB TO I-65 NB OVER 3 RAMPS	
1901921	BRIDGE REPLACEMENT ON I-65 SB OVER I-70 WB & SB CD RAMP	
1901922	NEW BRIDGE CONSTRUCTION ON I-65 NB OVER I-70 EB	
1901923	BRIDGE REPLACEMENT ON I-70 WB & SB CD OVER LEWIS STREET & MONON TRAIL	
1901925	NEW BRIDGE CONSTRUCTION ON I-70 WB TO I-65 NB OVER LEWIS STREET & MONON TRAIL	
1901927	NEW BRIDGE CONSTRUCTION ON I-65 SB TO I-70 EB OVER LEWIS STREET & MONON TRAIL	
1901928	BRIDGE REPLACEMENT ON I-70 EB OVER LEWIS STREET & MONON TRAIL	
1901929	PREVENTATIVE MAINTENANCE ON I-70 WB OVER ROOSEVELT @ COMMERCE AVE.	
1901930	REHABILITATE AND WIDEN ON I-70 EB OVER ROOSEVELT @ COMMERCE AVE.	
1901931	PREVENTATIVE MAINTENANCE ON I-70 WB OVER VALLEY AVENUE	
1901932	PREVENTATIVE MAINTENANCE ON I-70 EB OVER VALLEY AVENUE	
1901933	REHABILITATE AND WIDEN PENNSYLVANIA ST. EXIT RAMP OVER DELAWARE STREET & ALABAMA STREET	
1901934	REHABILITATE AND WIDEN DELAWARE ST. ENTRANCE RAMP OVER ALABAMA ST.	



LOCATION MAP
(MARION COUNTY)

SCALE: 1" = 2000'

SEE INDEX SHEET FOR TRAFFIC AND DESIGN DATA



PROJECT LOCATION SHOWN BY
MARION COUNTY

LATITUDE: 39°46'01" N LONGITUDE: 86°08'35" W

GROSS LENGTH	10.8	MI.
NET LENGTH	9.1	MI.
MAX. GRADE:	3.5 %	%

HUC Code: 05/20201130020

NO ADDITIONAL RIGHT-OF-WAY REQUIRED FOR THIS PROJECT

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

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

SUPERIOR CONSTRUCTION

DRAFT
NOT FOR CONSTRUCTION

PLANS PREPARED BY: Janssen and Spaans Engineering, Inc. (317) 254-9686
PHONE NUMBER

CERTIFIED BY: JSE
DATE

APPROVED FOR LETTING:
INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION	
1901936	
SURVEY BOOK	SHEETS TI-03
ELECTRONIC	1 of 54
CONTRACT	PROJECT
B-36910	1600808

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UTILITY CONTACTS WILL
BE FINALIZED FOR
FUTURE SUBMITTALS

GENERAL NOTES

	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation lines will be cross sectioned by the engineer before construction.
	Existing asphalt pavement located outside the constuction limits shall be removed as directed.
✳✳	All earth shoulders, median areas, cut and fill slopes shall be plain or mulched seeded except where sodding is specified.
	All existing storm drainage pipes, inlets, and manholes shall remain unless otherwise noted.
	All existing right of way fence shall be removed unless otherwise noted.
✳✳	All disturbed areas shall be seeded with seed mixture "U" unless otherwise noted.
✳✳	All slopes are to be repaired with a minimum amount of grading so as not to disturb existing vegetation more than necessary.

✳✳ Denotes General Notes Required.

REVISIONS

SHEET NO.	DATE	REVISED

SHEET INDEX

SHEET NO.	DWG NO.	DESIGNATION
PROJECT DESCRIPTION DESIGNATION NUMBER 1901936		
1	TI-03	TITLE SHEET
2	IN-03	INDEX AND GENERAL NOTES
3-7	PLAN - 01-05	LIGHTING PLANS
8-21	PLAN - 01-14	LIGHTING PLANS CROSS STREETS
22-28	PLAN - 01-07	SIGNING PLAN
29-33	TABLE - 01-05	SHEET SIGN SUMMARY
34-38	TABLE - 01-05	PANEL SIGN SUMMARY
39	PLAN - 01	EXISTING WAYFINDING SIGNS
40	PLAN - 01	PROPOSED WAYFINDING SIGNS
41-51	PLAN - 01-11	SIGNAL INTERCONNECT MODERNIZATION DETAIL
52	PLAN - 01	TRAFFIC SIGNAL - MICHIGAN ST AND DAVIDSON ST
53	PLAN - 01	TRAFFIC SIGNAL MICHIGAN ST AND PINE ST
54	PLAN - 01	TRAFFIC SIGNAL - WASHINGTON ST AND PINE ST

TRAFFIC DATA

Alignment Name	P_ALG_I65/I70	P_ALG_I65	P_ALG_I70	R_W70	R_E70	R_N65	R_S65	R_W70_N65	R_S65_E70	R_CDS65	R_W70_CDS65	R_S65_CDS65	R_N65_CD12th	R_CD11th_E70	R_CDS65_CDMichigan	R_CDS65_CDOhio	R_CDMichigan_N65	R_CDMichigan_E70	P_OhioSt
Movement Description	I-65/I-70 SB/NB	I-65 SB/NB	I-70 EB/WB	I-70 WB to I-65/I-70 SB	I-65/I-70 NB to I-70 EB	I-65/I-70 NB to I-65 NB	I-65 SB to I-65/I-70 SB	I-70 WB to I-65 NB	I-65 SB to I-70 EB	I-65 SB CD to I-65/-70 SB	I-70 WB to I-65 SB CD	I-65 SB to I-65 SB CD	I-65 NB to 12th St CD	11th St CD to I-70 EB	I-65 SB CD to Michigan St	I-65 SB CD to Ohio St	Michigan St to I-65 NB	Michigan St to I-70 EB	Ohio St to Pine St
AADT (2021)	58,288 SB | 62,989 NB	53,313 SB | 51,774 NB	93,737 WB | 100,568 EB	36,289	48,680	34,480	18,925	31,350	32,125	14,430	26,092	7,850	8,777	14,120	15,020	7,353	5,800	7,158	7500
AADT (2041)	64,063 SB | 76,198 NB	54,650 SB | 58,376 NB	99,926 WB | 112,807 EB	43,111	57,330	41,090	19,100	32,513	31,900	23,160	25,100	8,083	9,854	16,420	14,710	7,284	6,267	7,358	7994
DHV (2041)	5125 (SB - AM) + 6553 (NB - AM)	4372 (SB - AM) + 5429 (NB - AM)	9493 (WB - AM) + 9927 (EB - PM)	3880 (AM)	5733 (PM)	4109 (AM)	1528 (PM)	2601 (AM)	2552 (PM)	2316 (AM)	3012 (AM)	970 (AM)	1281 (AM)	1642 (PM)	1471 (AM)	1384 (AM)	752 (PM)	1398 (PM)	1488 (PM)
Directional Distribution	46% SB | 54% NB	48% SB | 52% NB	47% WB | 53% EB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A (One-Way)
Trucks (% DHV)	10% SB, 9% NB	5% SB, 4% NB	12% WB, 13% EB	15%	13%	3%	7%	6%	5%	4%	4%	3%	2%	7%	2%	1%	2%	1%	1%

DESIGN DATA

Design Speed	55 mph	55 mph	55 mph	55 mph	55 mph / 50 mph	55 mph / 50 mph	55 mph	55 mph	55 mph	55 mph	50 mph	45 mph	45 mph / 30 mph	45 mph / 30 mph	40 mph / 30 mph	45 mph / 30 mph	45 mph / 30 mph	45 mph / 30 mph	30 mph
Project Design Criteria	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)	Reconstruction (4R)
Functional Classification	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Urban Freeway	Local Road
Rural/Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban
Terrain	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
Access Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: CAP JSE DRAWN: JNII
CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936
SURVEY BOOK	SHEETS IN-03
ELECTRONIC	2 of 54
CONTRACT	PROJECT
B-36910	1600808

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DESIGN DATA TABLE

INITIAL LAMP LUMEN (LL) 760 WATT LED	140,000
INITIAL LAMP LUMEN (LL) 194 WATT LED	50,000
AVERAGE MAINTAINED ILLUMINATION (EL)	0.9 fc
LAMP LUMEN DEPRECIATION FACTOR (LLD)	0.9
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE FACTOR (LLD X LDD)	0.78
UNIFORMITY RATIO	4.5:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION, CONVENTIONAL	M-S-III
LUMINAIRE CLASSIFICATION, TOWERS 1 & 4	M-C-III
LUMINAIRE CLASSIFICATION, TOWERS 2 & 3	M-C-II

LUMINAIRE IDENTIFICATION

49 - 65 - 70 - 1

- 1 — LUMINAIRE No.
- 70 — CROSS STREET, I-70 (I-65)
- 65 — MAIN LINE, I-65 (I-70)
- 49 — COUNTY, MARION

LEGEND

- High mast tower with 4-760 watt LED Luminaires of I.E.S distribution M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3 Two luminaires oriented in the same direction, the other two in the opposite direction.
- High mast tower with 6-760 watt LED Luminaires of I.E.S distribution M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3 Three luminaires oriented in the same direction, the other three in the opposite direction.
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- High mast tower with 6-760 watt LED Luminaires of I.E.S. Distribution M-C-II having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T5 All six luminaires are oriented symmetrically.
- 194 watt Evolve LED Cobra Head roadway luminaire Having a distribution type M-S-III and breakaway transformer base
- 4-1c no. 4 cu conductor in plastic duct in trench
- 4-1c no. 4 cu conductor in 2" galvanized steel conduit.
- A-2 — Lighting circuit number
- Service point
- Handhole, type A-C
- Cable duct marker Exact location and arrow direction to be determined After cable duct installation

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Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MIK DRAWN: MIK
CHECKED: JTR CHECKED: JTR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936
SURVEY BOOK	SHEETS LGT01
	03 of 54
CONTRACT	PROJECT
--	1600808

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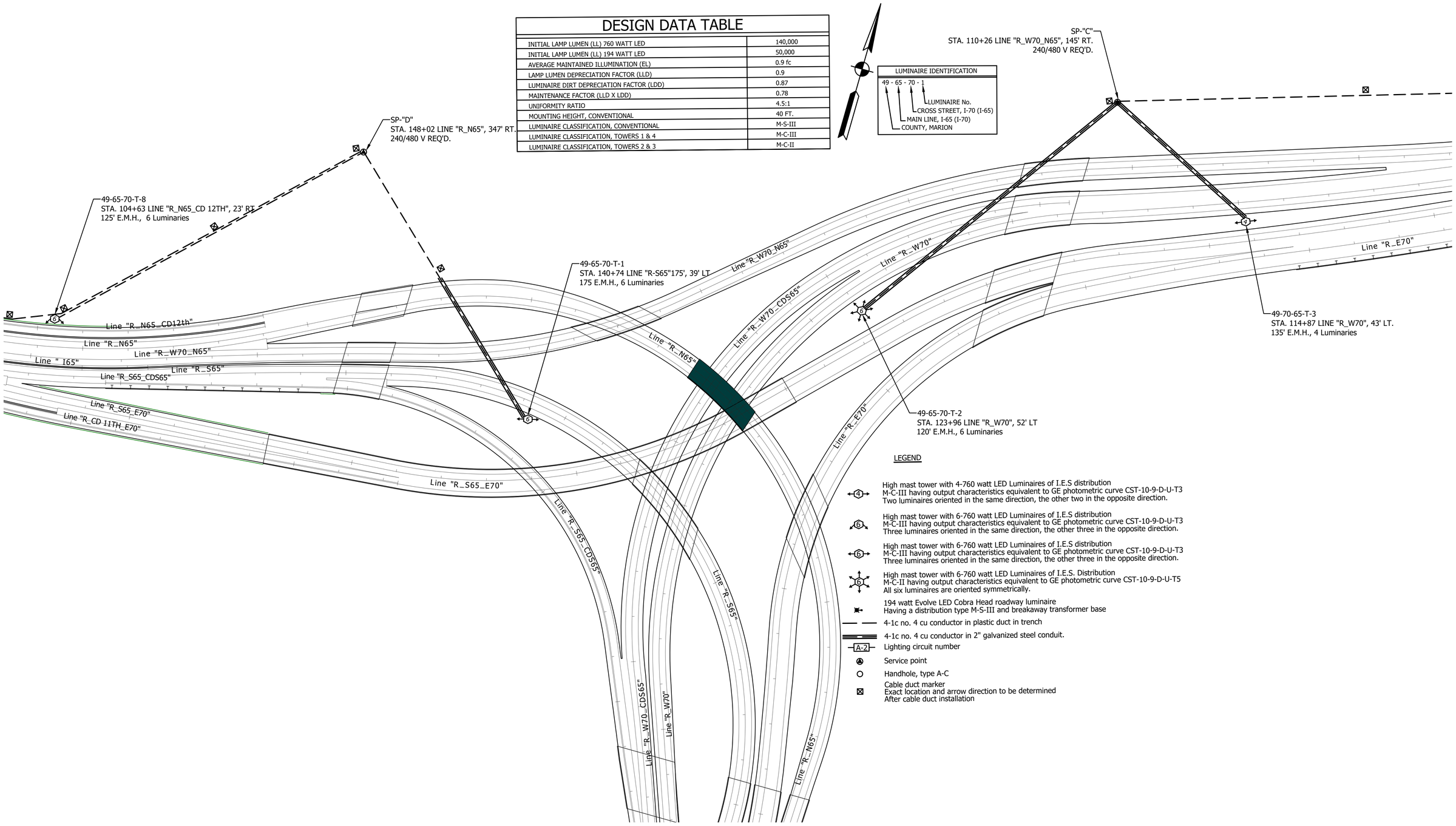
MAINTENANCE FACTOR (LLD X LDD)	0.78
UNIFORMITY RATIO	4.5:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION, CONVENTIONAL	M-S-III
LUMINAIRE CLASSIFICATION, TOWERS 1 & 4	M-C-III
LUMINAIRE CLASSIFICATION, TOWERS 2 & 3	M-C-II



8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MIK DRAWN: MIK

CHECKED: JTR CHECKED: JTR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936

SURVEY BOOK	SHEETS	LGT02
	04 of 54	
CONTRACT	PROJECT	
--	1600808	

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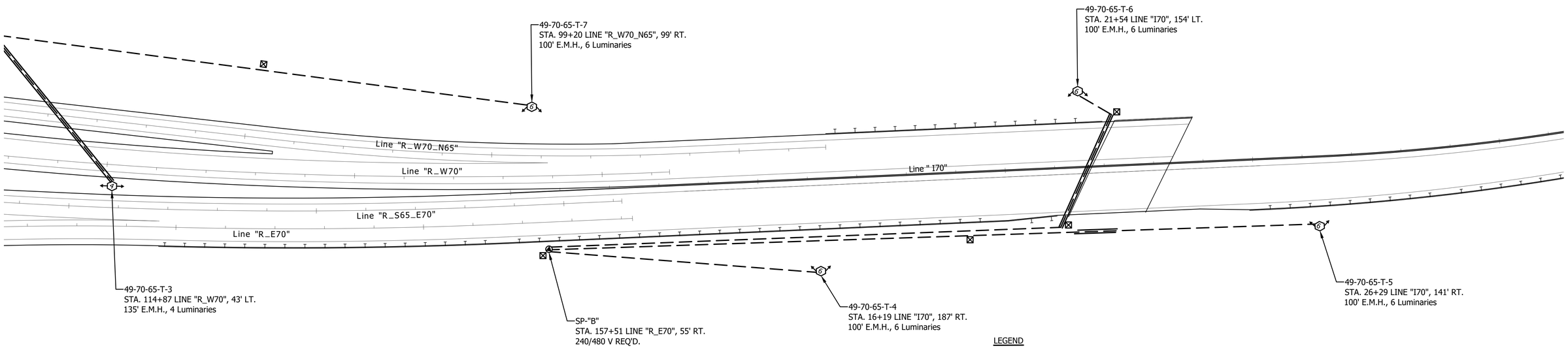

LEGEND

- High mast tower with 4-760 watt LED Luminaires of I.E.S distribution
  M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3
  Two luminaires oriented in the same direction, the other two in the opposite direction.
- High mast tower with 6-760 watt LED Luminaires of I.E.S distribution
  M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3
  Three luminaires oriented in the same direction, the other three in the opposite direction.
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- High mast tower with 6-760 watt LED Luminaires of I.E.S. Distribution
  M-C-II having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T5
  All six luminaires are oriented symmetrically.
- 194 watt Evolve LED Cobra Head roadway luminaire
  Having a distribution type M-S-III and breakaway transformer base
- 4-1c no. 4 cu conductor in plastic duct in trench
- 4-1c no. 4 cu conductor in 2" galvanized steel conduit.
- A-2 — Lighting circuit number
- Service point
- Handhole, type A-C
- Cable duct marker
  Exact location and arrow direction to be determined
  After cable duct installation

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MIK DRAWN: MIK
CHECKED: JTR CHECKED: JTR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936
SURVEY BOOK	SHEETS LGT03
	05 of 54
CONTRACT	PROJECT
--	1600808

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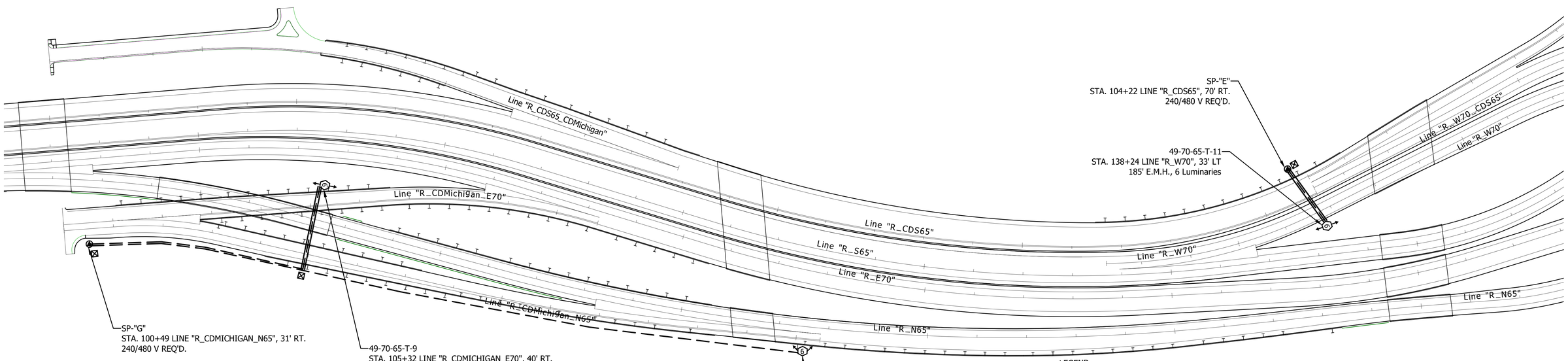

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Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MIK DRAWN: MIK
CHECKED: JTR CHECKED: JTR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936

SURVEY BOOK	SHEETS		LGT04
	06	of	54
CONTRACT	PROJECT		
--	1600808		

Z:\2019\19057P - JANSSEN SPAANS - NORTH SPLIT\DWG\LIGHT\19057P-LIGHT-LED.DWG Created By: MIK Date Created: 3/3/2020

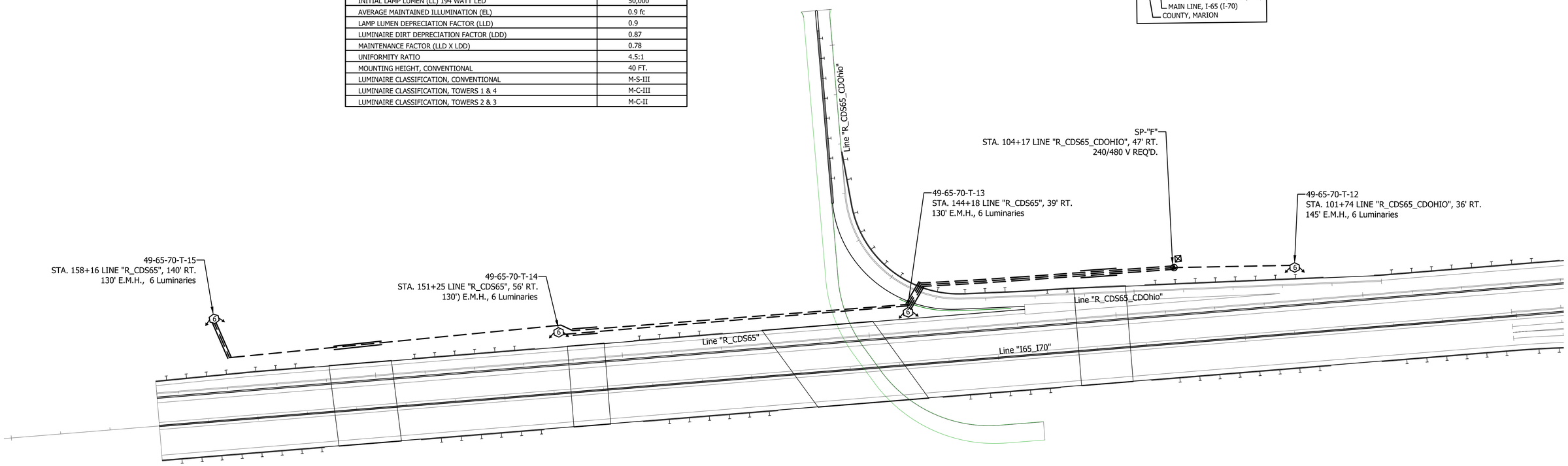
DESIGN DATA TABLE

INITIAL LAMP LUMEN (LL) 760 WATT LED	140,000
INITIAL LAMP LUMEN (LL) 194 WATT LED	50,000
AVERAGE MAINTAINED ILLUMINATION (EL)	0.9 fc
LAMP LUMEN DEPRECIATION FACTOR (LLD)	0.9
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE FACTOR (LLD X LDD)	0.78
UNIFORMITY RATIO	4.5:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION, CONVENTIONAL	M-S-III
LUMINAIRE CLASSIFICATION, TOWERS 1 & 4	M-C-III
LUMINAIRE CLASSIFICATION, TOWERS 2 & 3	M-C-II

LUMINAIRE IDENTIFICATION

49 - 65 - 70 - 1

- LUMINAIRE No.
- CROSS STREET, I-70 (I-65)
- MAIN LINE, I-65 (I-70)
- COUNTY, MARION



LEGEND

- High mast tower with 4-760 watt LED Luminaires of I.E.S distribution M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3 Two luminaires oriented in the same direction, the other two in the opposite direction.
- High mast tower with 6-760 watt LED Luminaires of I.E.S distribution M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3 Three luminaires oriented in the same direction, the other three in the opposite direction.
- High mast tower with 6-760 watt LED Luminaires of I.E.S distribution M-C-III having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T3 Three luminaires oriented in the same direction, the other three in the opposite direction.
- High mast tower with 6-760 watt LED Luminaires of I.E.S. Distribution M-C-II having output characteristics equivalent to GE photometric curve CST-10-9-D-U-T5 All six luminaires are oriented symmetrically.
- 194 watt Evolve LED Cobra Head roadway luminaire Having a distribution type M-S-III and breakaway transformer base
- 4-1c no. 4 cu conductor in plastic duct in trench
- 4-1c no. 4 cu conductor in 2" galvanized steel conduit.
- A-2 Lighting circuit number
- Service point
- Handhole, type A-C
- Cable duct marker Exact location and arrow direction to be determined After cable duct installation

A&F ENGINEERING
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Creating Order Since 1966
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CHECKED: JTR CHECKED: JTR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936

SURVEY BOOK	SHEETS		LGT05
	07	of	54
CONTRACT	PROJECT		
--	1600808		

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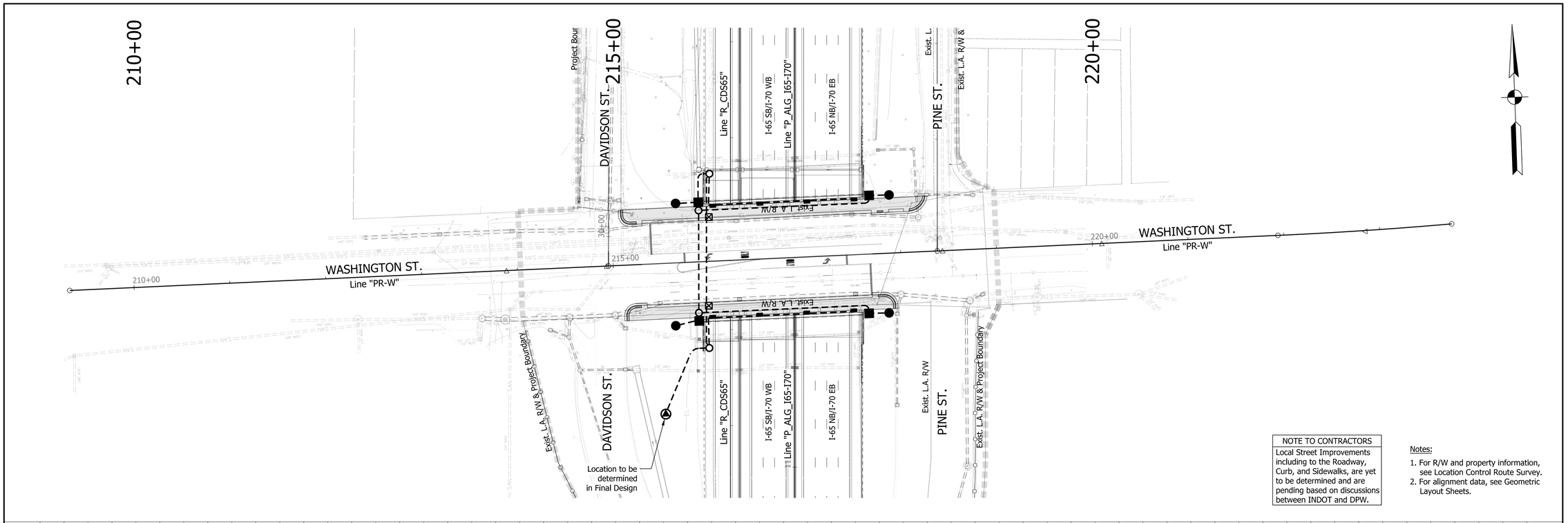
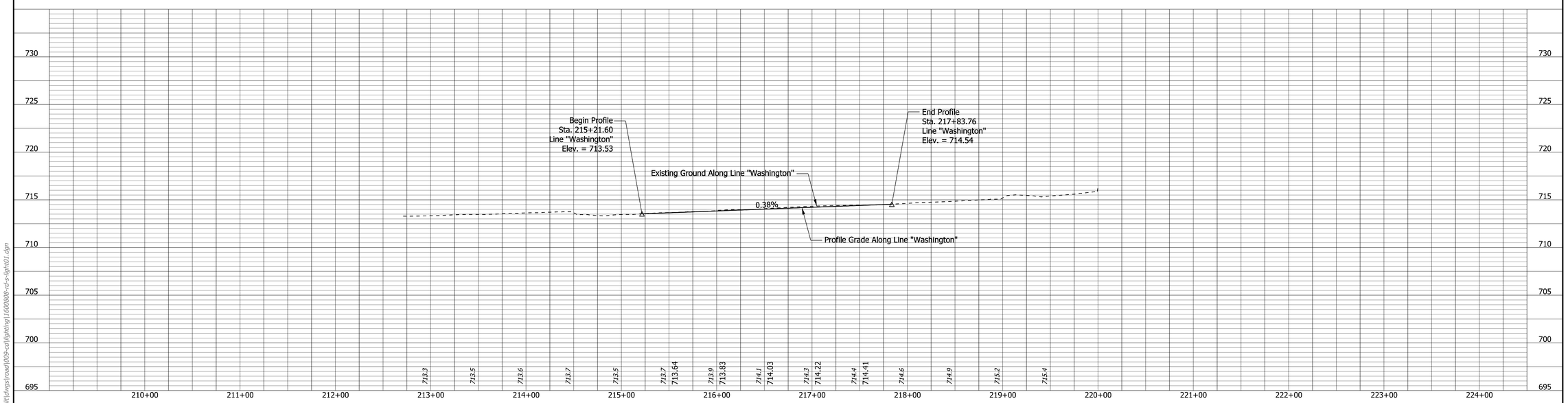


NOTE TO CONTRACTORS
Local Street Improvements including to the Roadway, Curb, and Sidewalks, are yet to be determined and are pending based on discussions between INDOT and DPW.

Notes:

1. For R/W and property information, see Location Control Route Survey.
2. For alignment data, see Geometric Layout Sheets.



LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "PR-W"
WASHINGTON STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX01
ELECTRONIC	8 of	54
CONTRACT	PROJECT	
B-36910	1600808	

jcler
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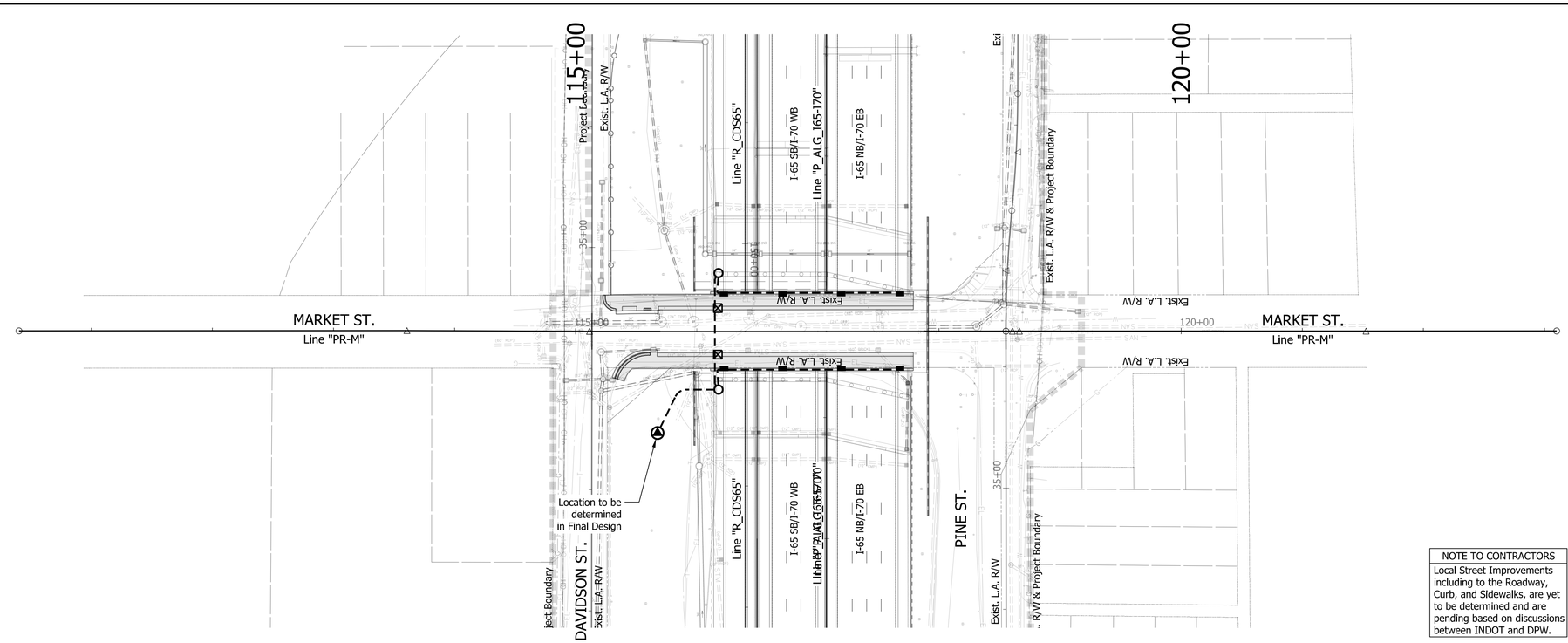

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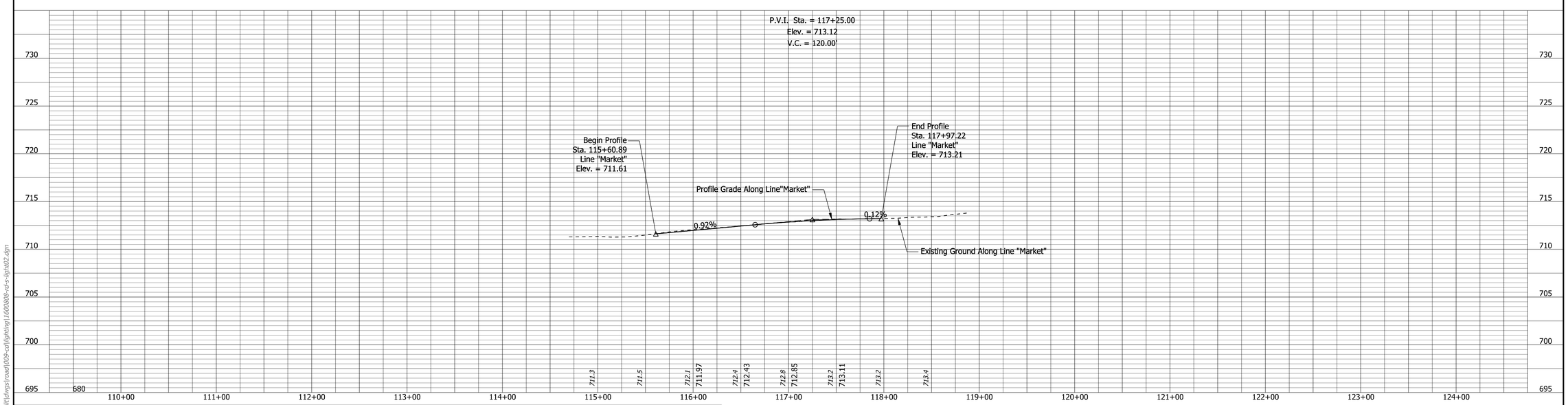

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CAP	DRAWN: JNII	
CHECKED: CCR	CHECKED: CCR	

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "PR-M"
MARKET STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX02
ELECTRONIC	9 of 54	
CONTRACT	PROJECT	
B-36910	1600808	

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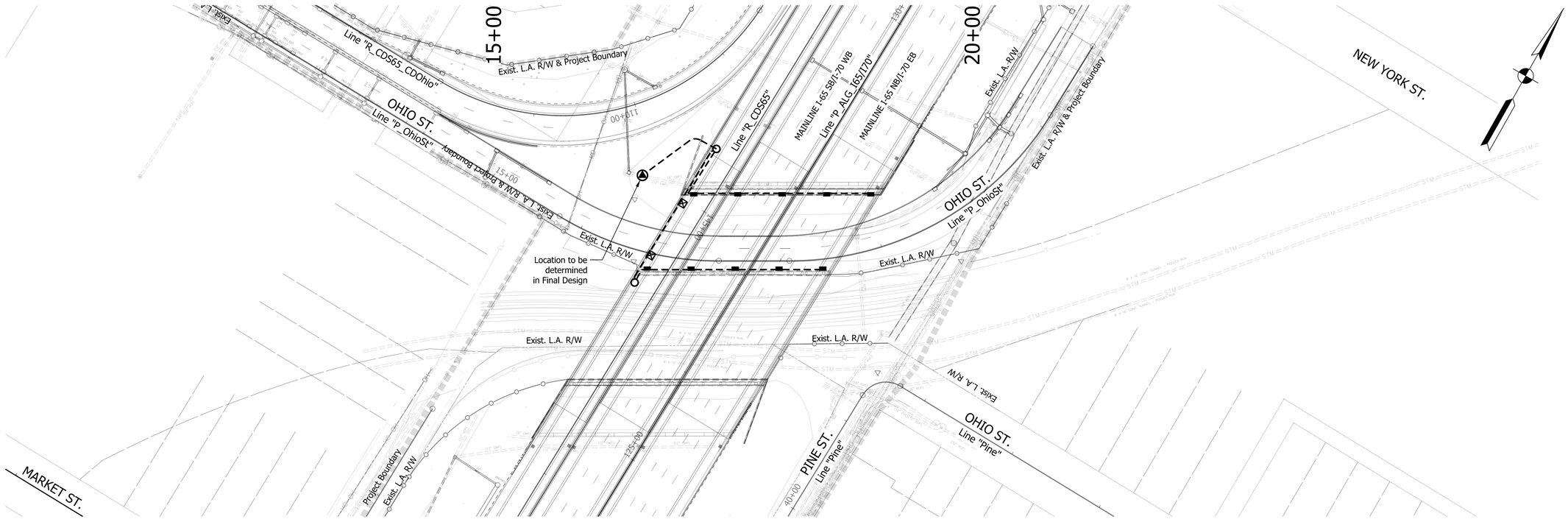

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "P_ALG_OhioSt"
OHIO STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936
SURVEY BOOK	SHEETS LGTX02-1
ELECTRONIC	09-1 of 54
CONTRACT	PROJECT
B-36910	1600808

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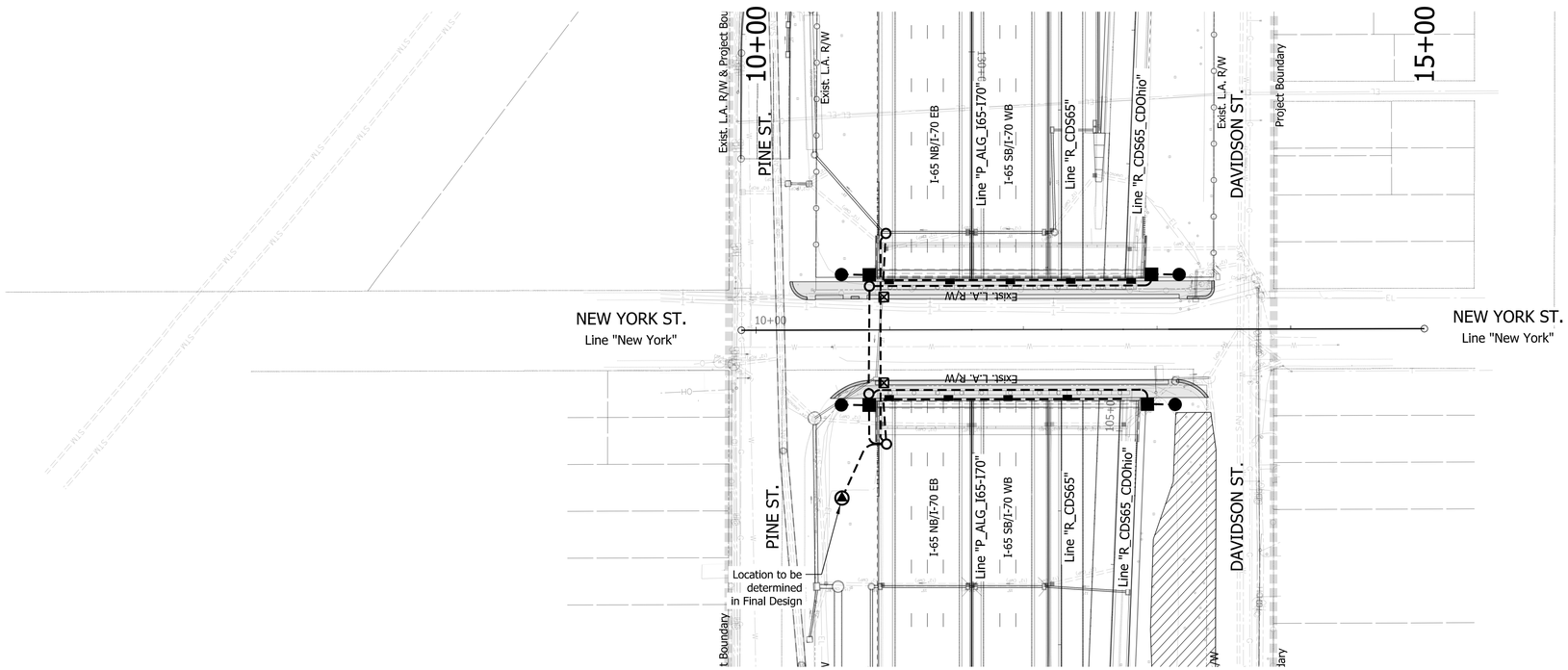

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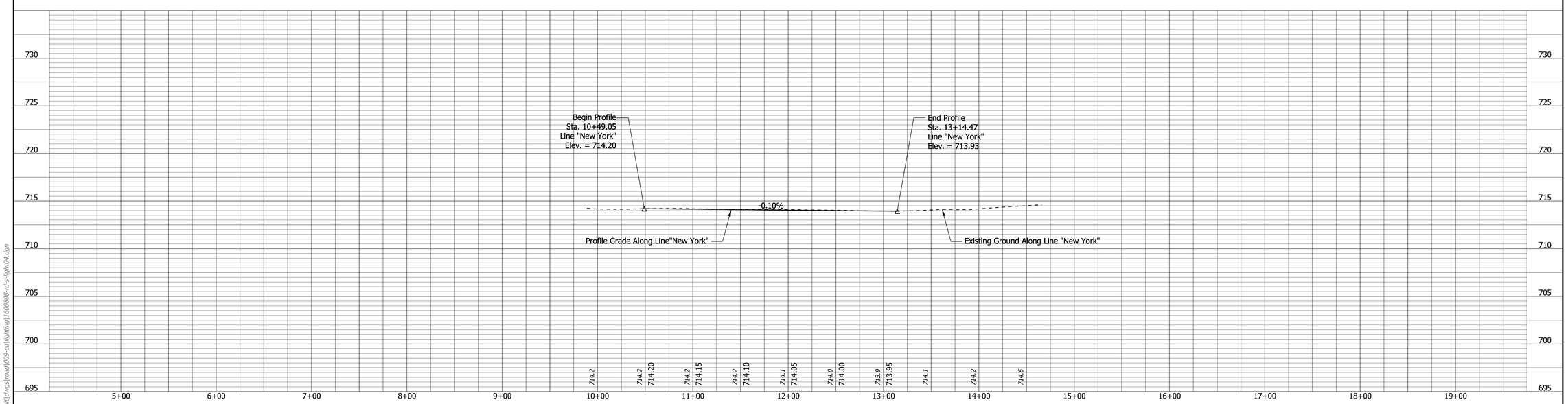

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CAP	DRAWN: JNII	
CHECKED: CCR	CHECKED: CCR	

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "NEW YORK"
NEW YORK STREET

SCALE	BRIDGE FILE	
1"=50'	N/A	
VERTICAL SCALE	DESIGNATION	
1"=10'	1901936	
SURVEY BOOK	SHEETS	LGTX03
ELECTRONIC	10 of	54
CONTRACT	PROJECT	
B-36910	1600808	

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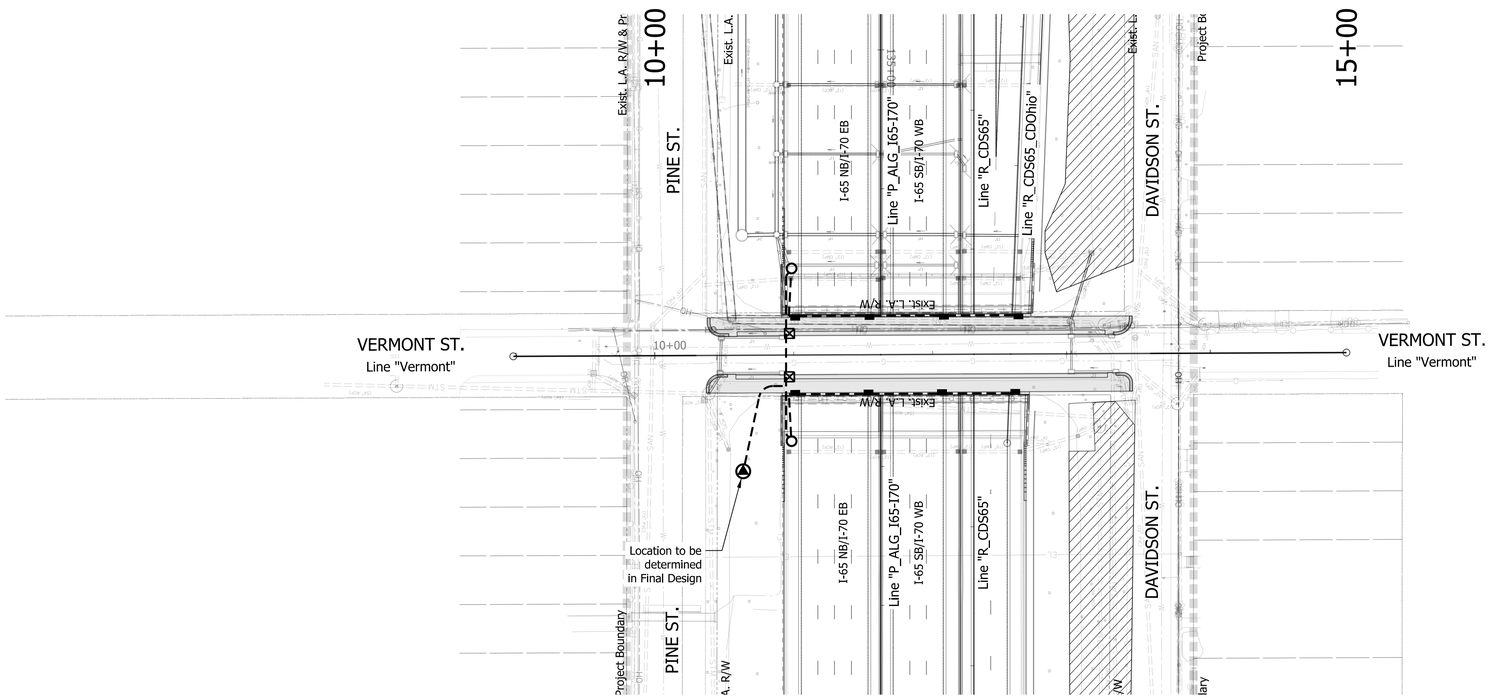

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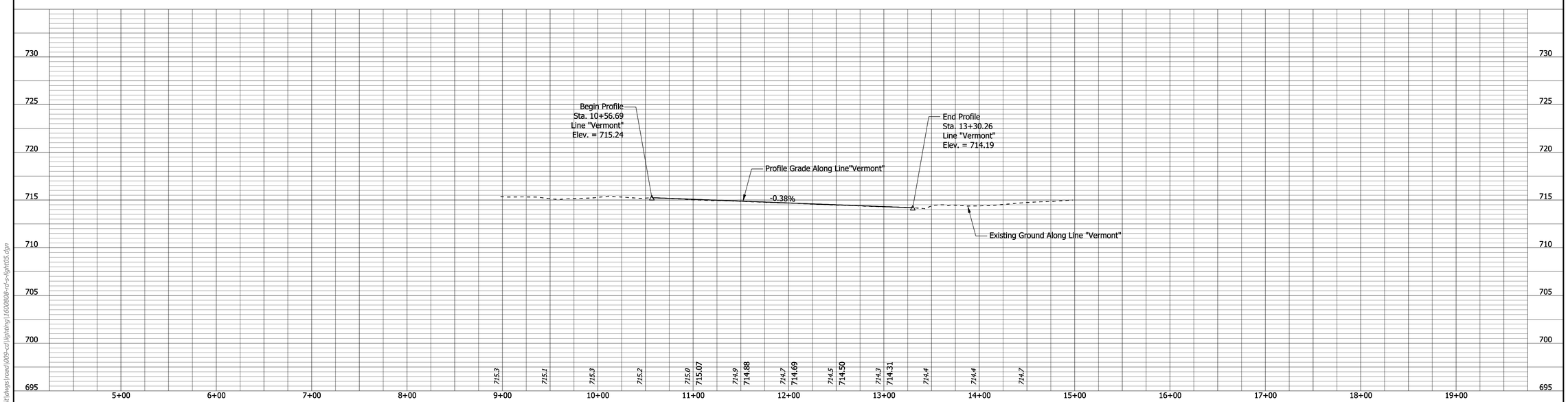

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "VERMONT"
VERMONT STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX04
ELECTRONIC	11 of	54
CONTRACT	PROJECT	
B-36910	1600808	

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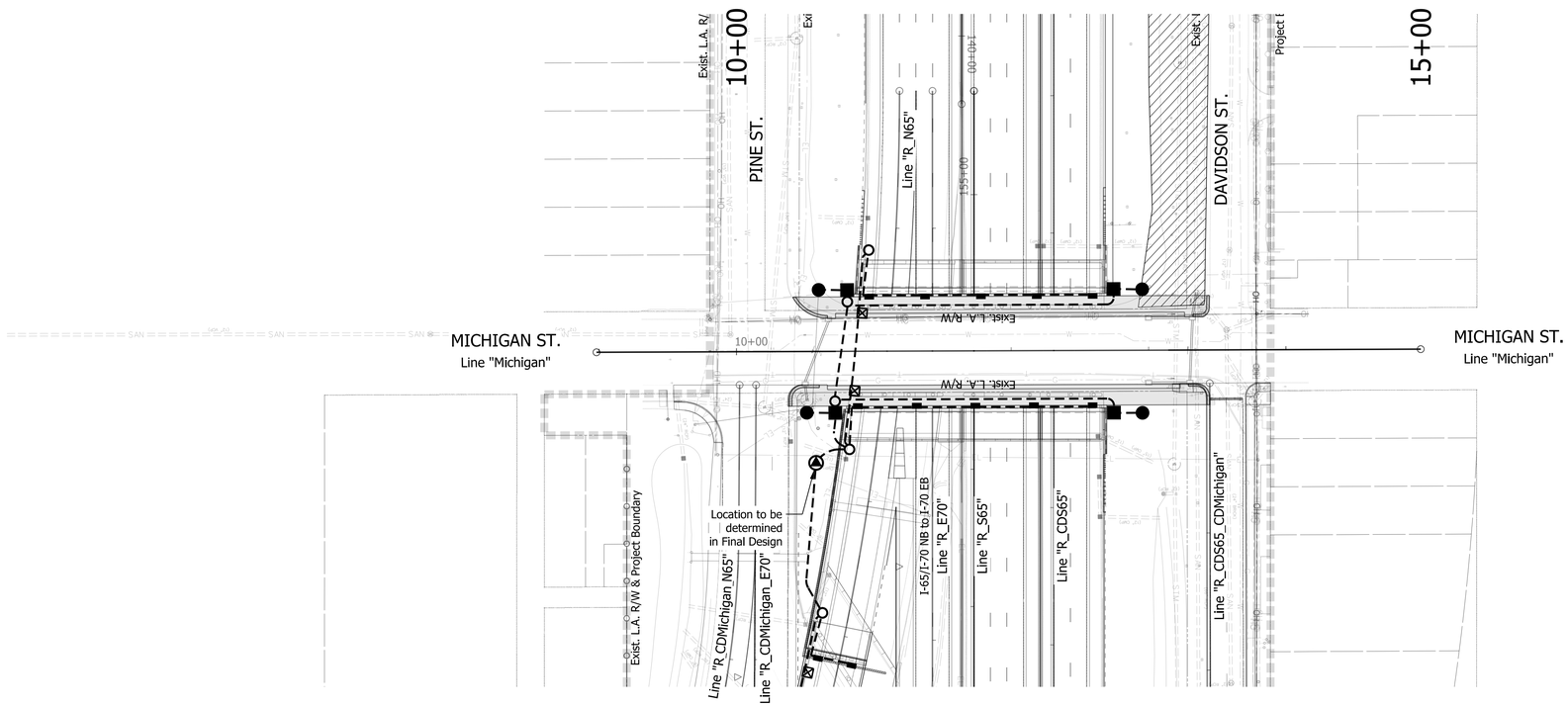

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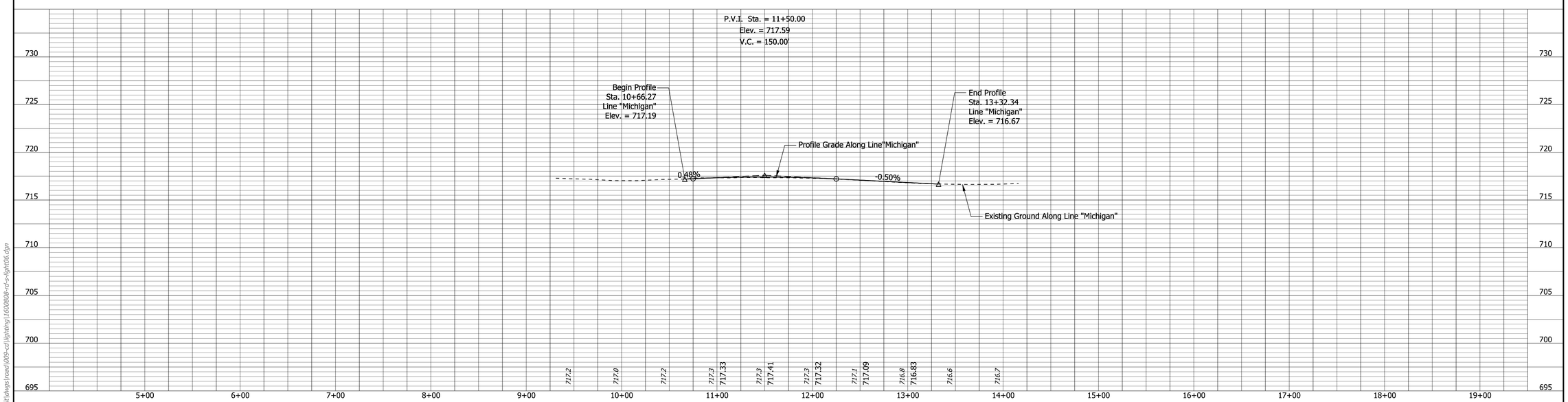

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "MICHIGAN"
MICHIGAN STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX05
ELECTRONIC	12 of	54
CONTRACT	PROJECT	
B-36910	1600808	

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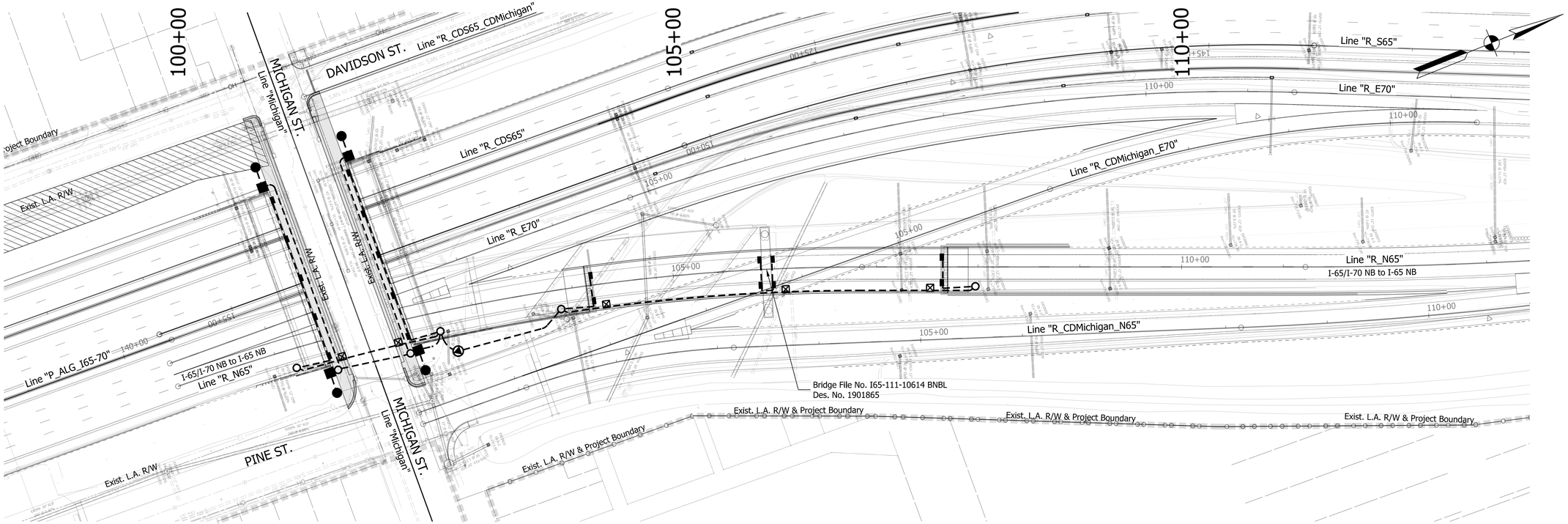

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "R_N65"
I-65/I-70 NB to I-65 NB

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936
SURVEY BOOK	SHEETS LGTX06-1
	13-1 of 54
CONTRACT	PROJECT
	1600808

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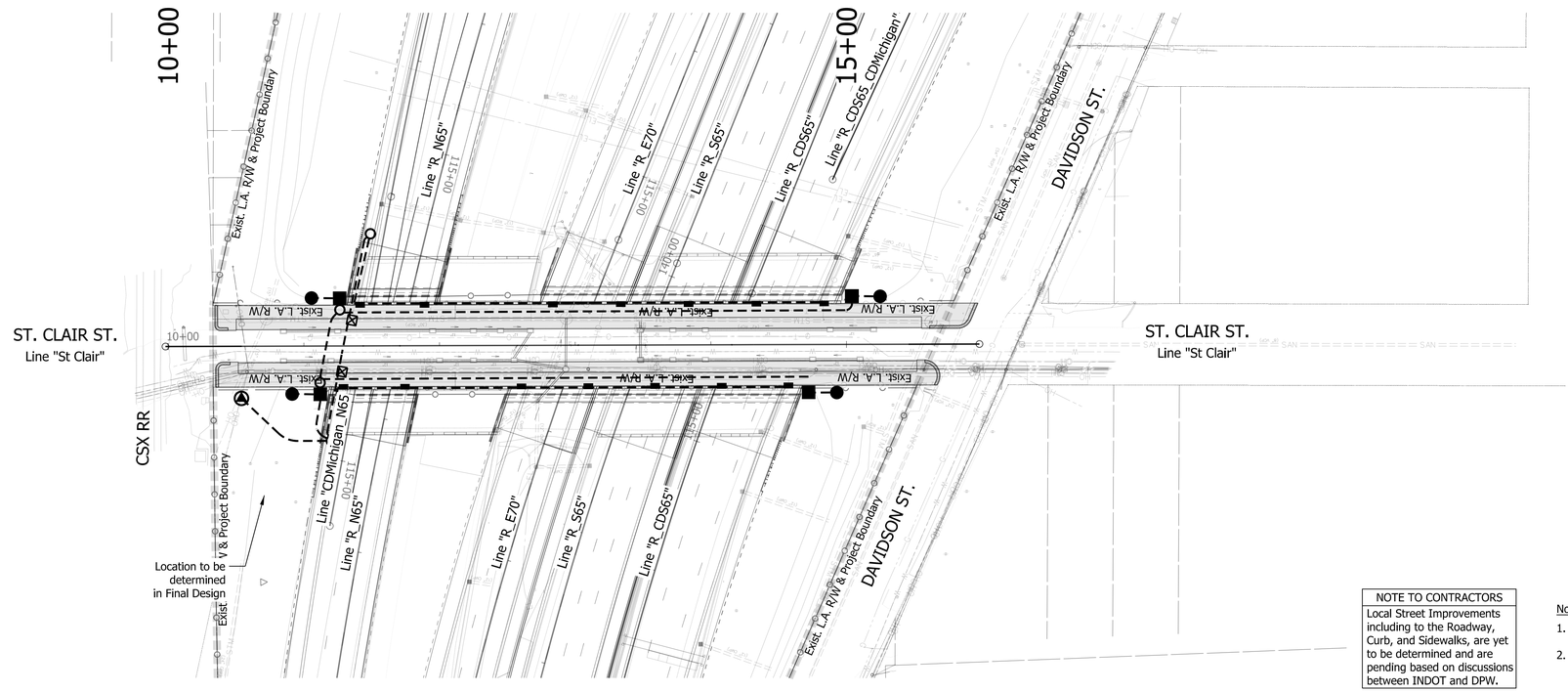

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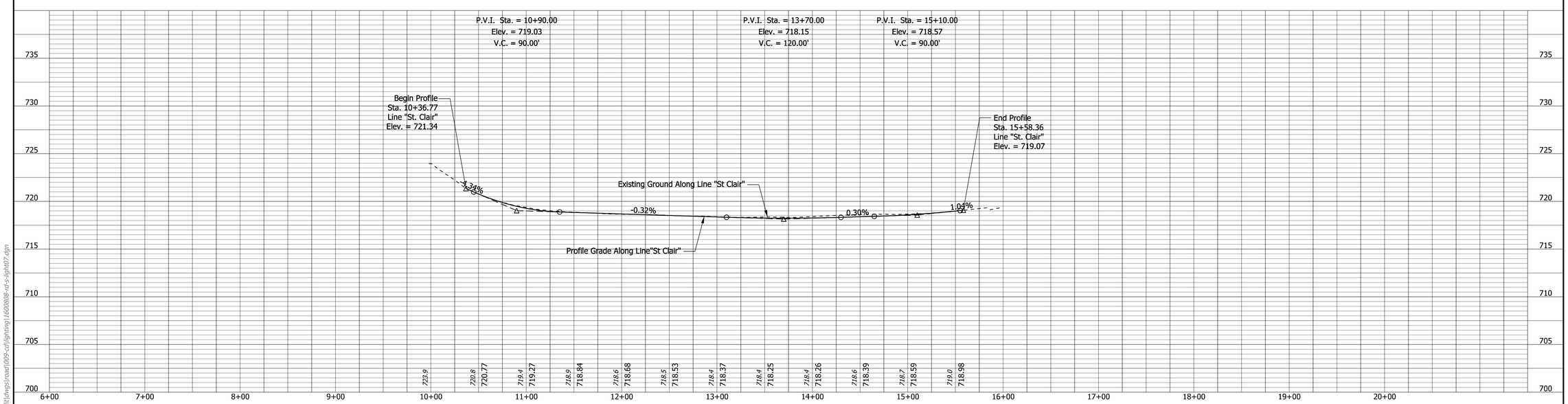

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "ST CLAIR"
ST. CLAIR STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX06
ELECTRONIC	13 of	54
CONTRACT	PROJECT	
B-36910	1600808	

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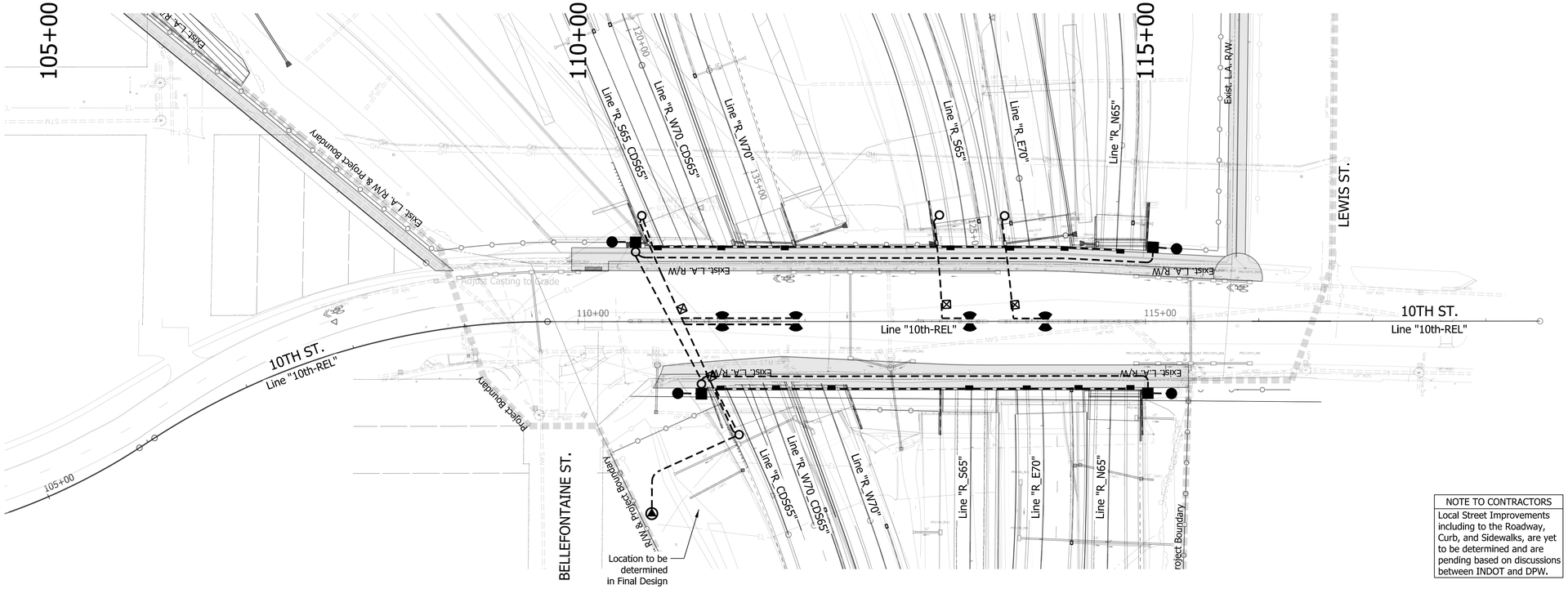

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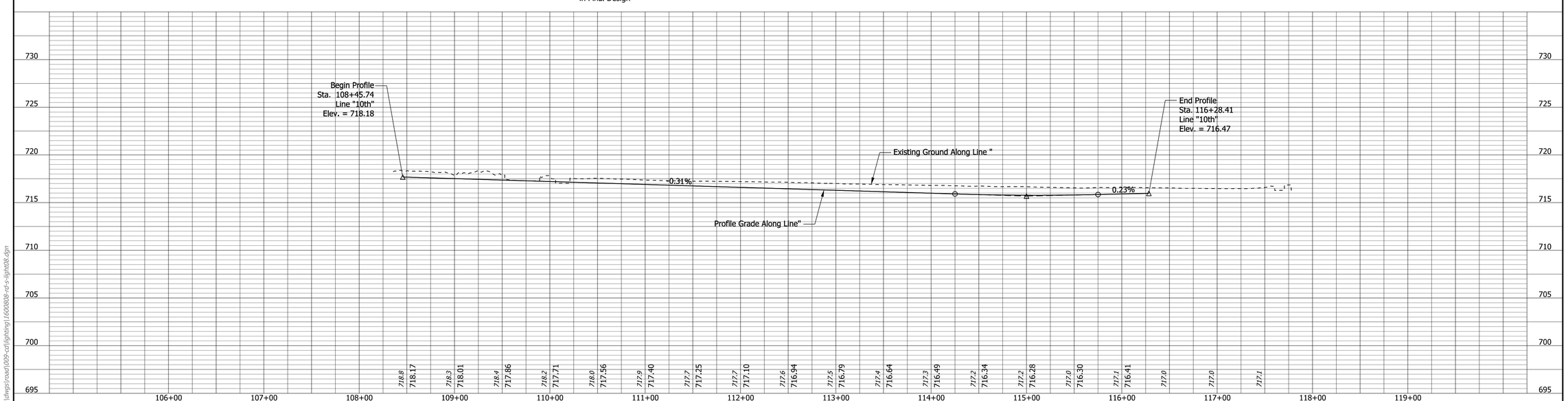

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
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- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE 10th-REL"
10TH STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936
SURVEY BOOK	SHEETS LGTX07
ELECTRONIC	14 of 54
CONTRACT	PROJECT
B-36910	1600808

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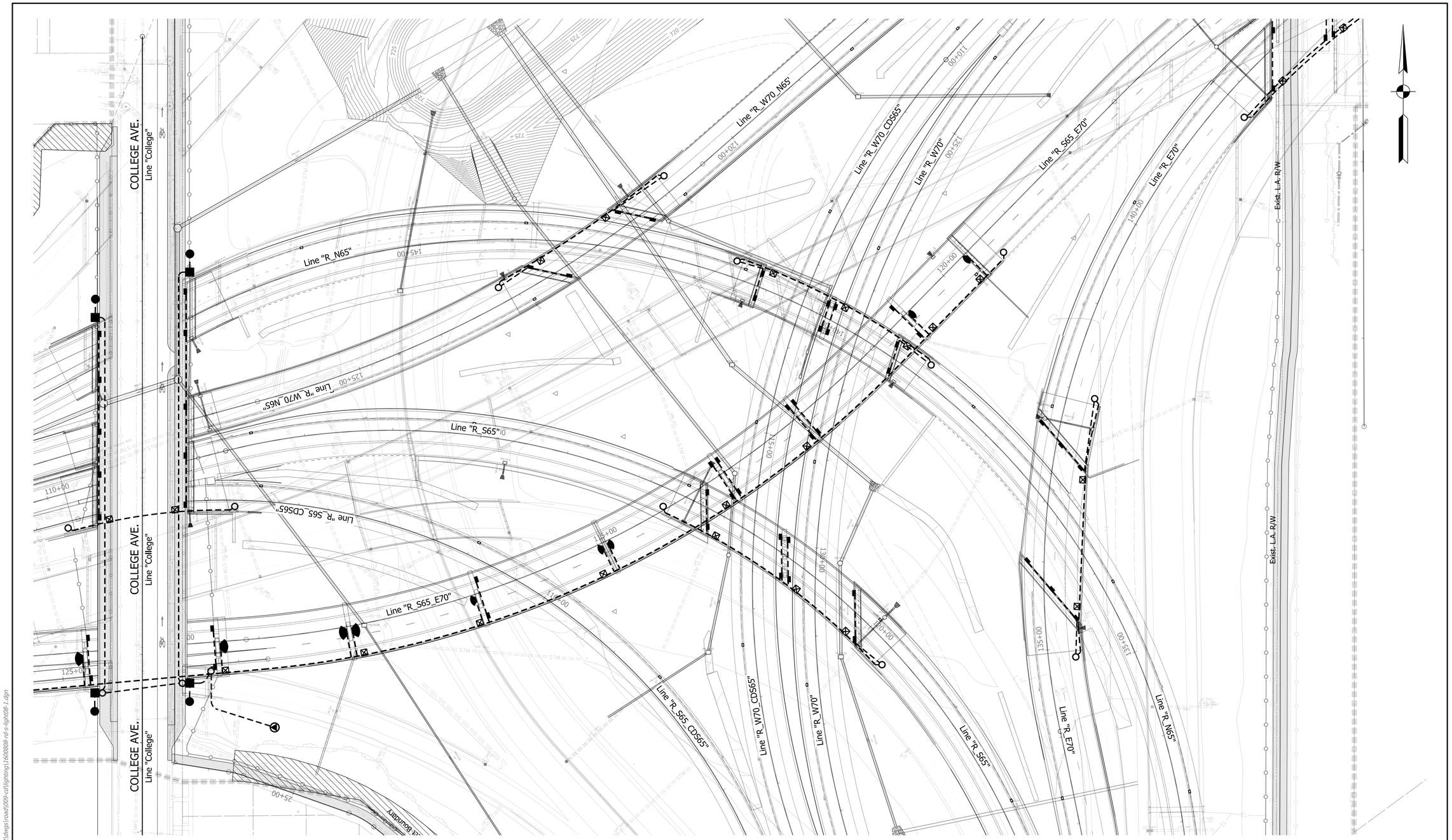

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP JSE DRAWN: JNI

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
I65/I70 INTERCHANGE

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936
SURVEY BOOK	SHEETS LGTX08-1
	15-1 of 54
CONTRACT	PROJECT
	1600808

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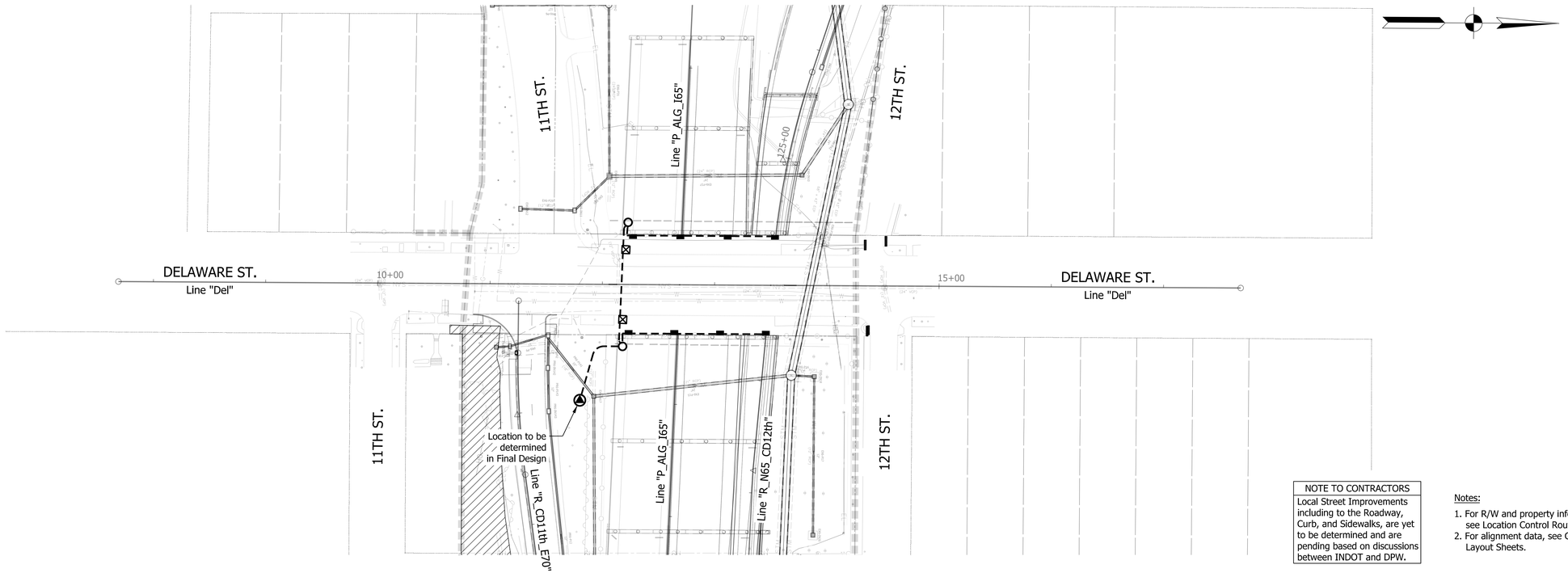

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LEGEND

- Conductor
- Service Point
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- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "DELAWARE"
DELAWARE STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936

SURVEY BOOK	SHEETS		LGTX08
ELECTRONIC	15	of	54
CONTRACT	PROJECT		
B-36910	1600808		

smcdougal
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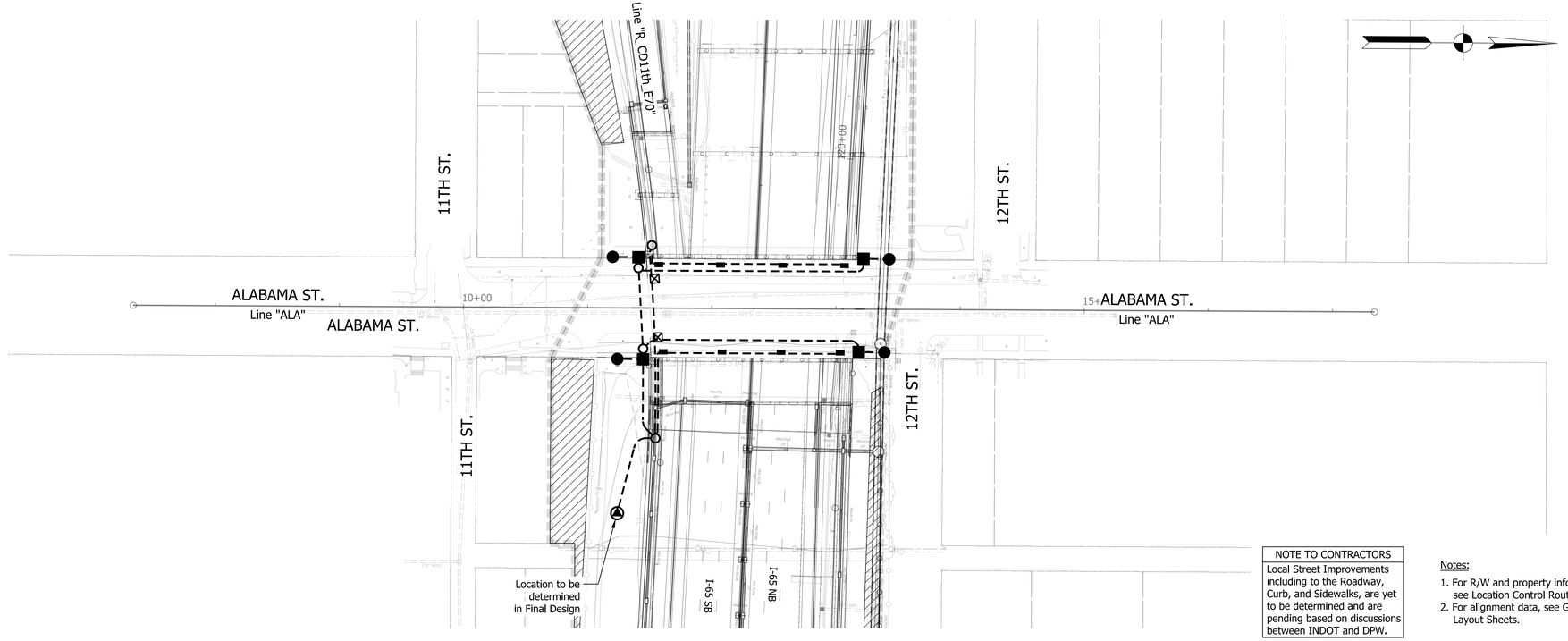

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- Wall Pack Lights
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "ALA"
ALABAMA STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS		LGTX09
ELECTRONIC	16	of	54
CONTRACT	PROJECT		
B-36910	1600808		

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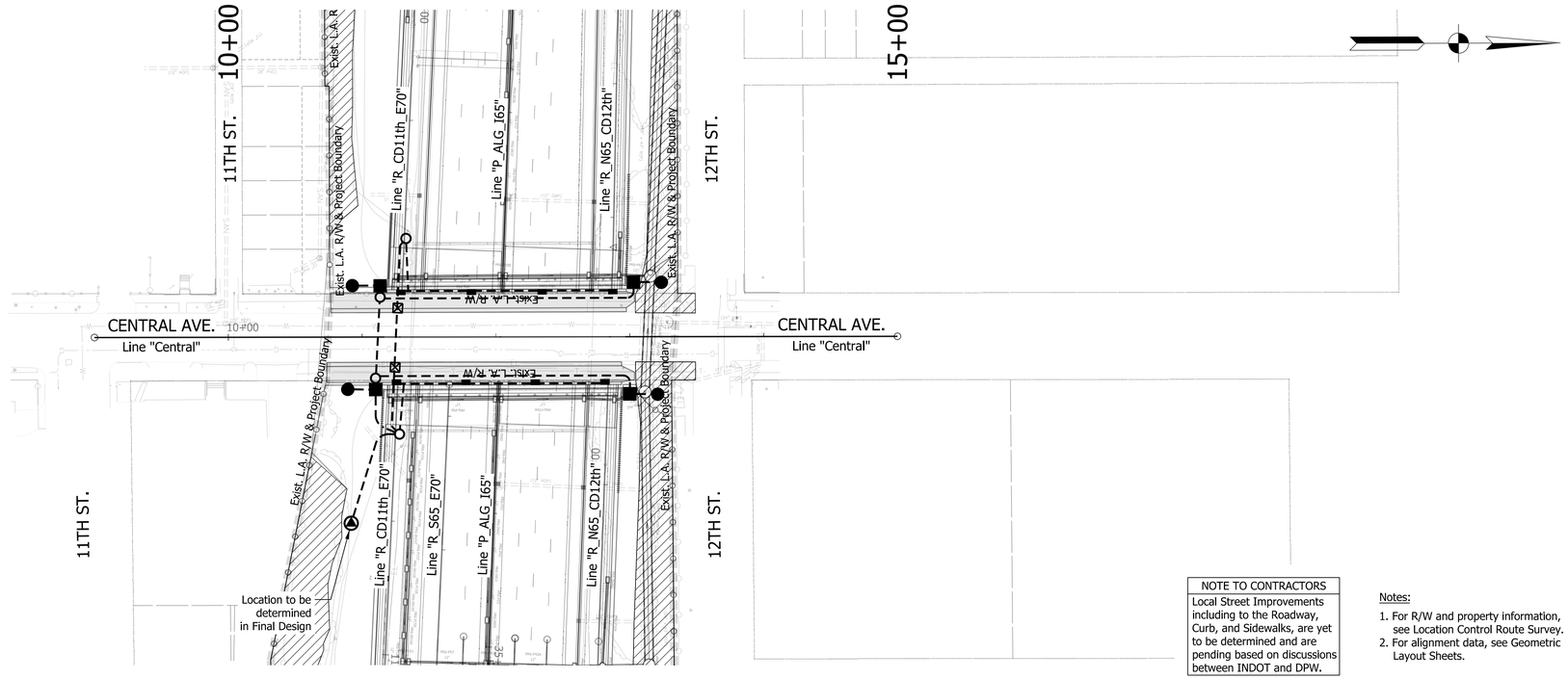
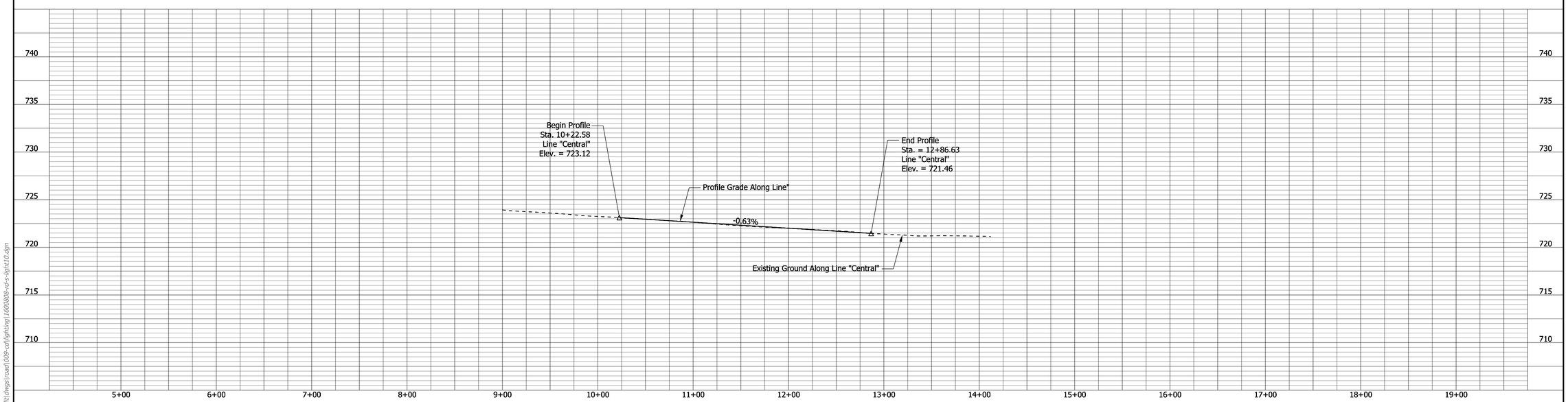


NOTE TO CONTRACTORS

Local Street Improvements including to the Roadway, Curb, and Sidewalks, are yet to be determined and are pending based on discussions between INDOT and DPW.

Notes:

1. For R/W and property information, see Location Control Route Survey.
2. For alignment data, see Geometric Layout Sheets.



LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "CENTRAL"
CENTRAL AVENUE

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS		LGTX10
ELECTRONIC	17	of	54
CONTRACT	PROJECT		
B-36910	1600808		

smcdougal
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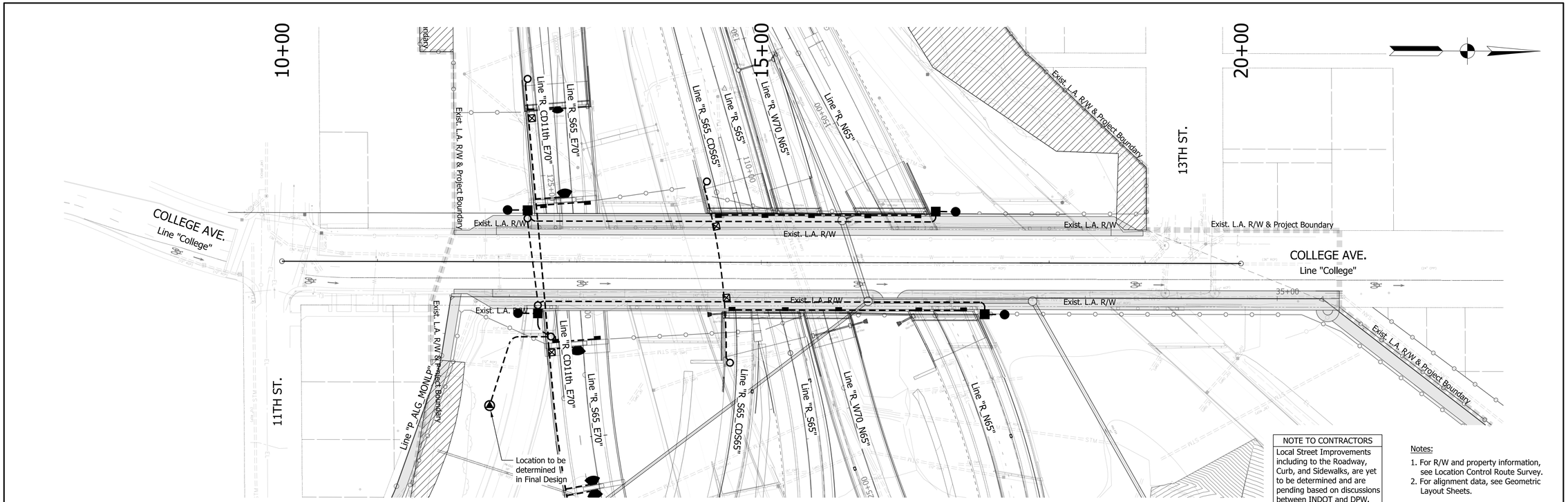

NOTE TO CONTRACTORS

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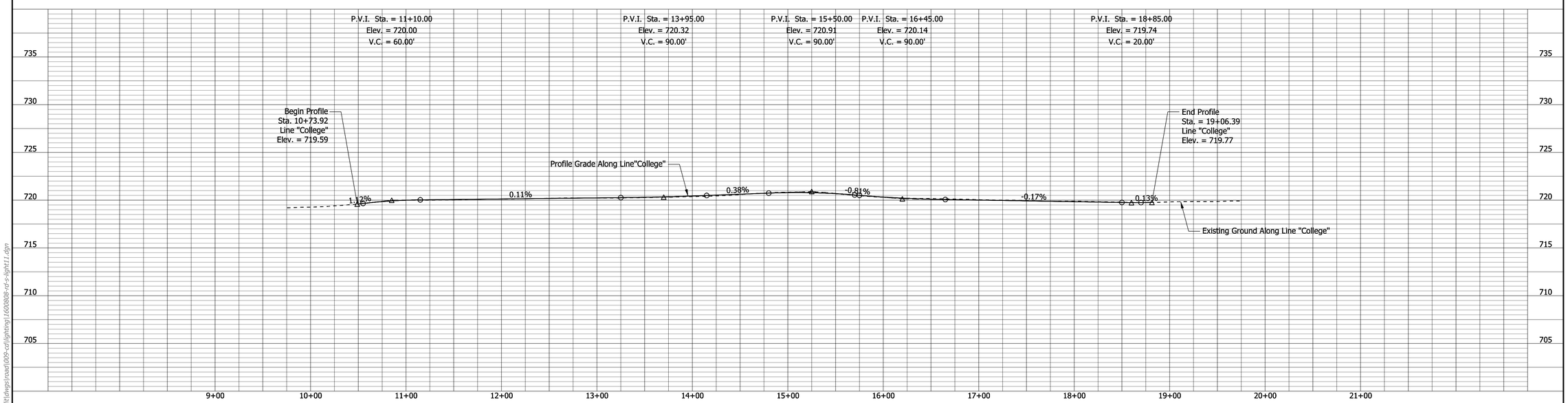

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "COLLEGE"
COLLEGE AVENUE

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS	LGTX11
ELECTRONIC	18 of	54
CONTRACT	PROJECT	
B-36910	1600808	

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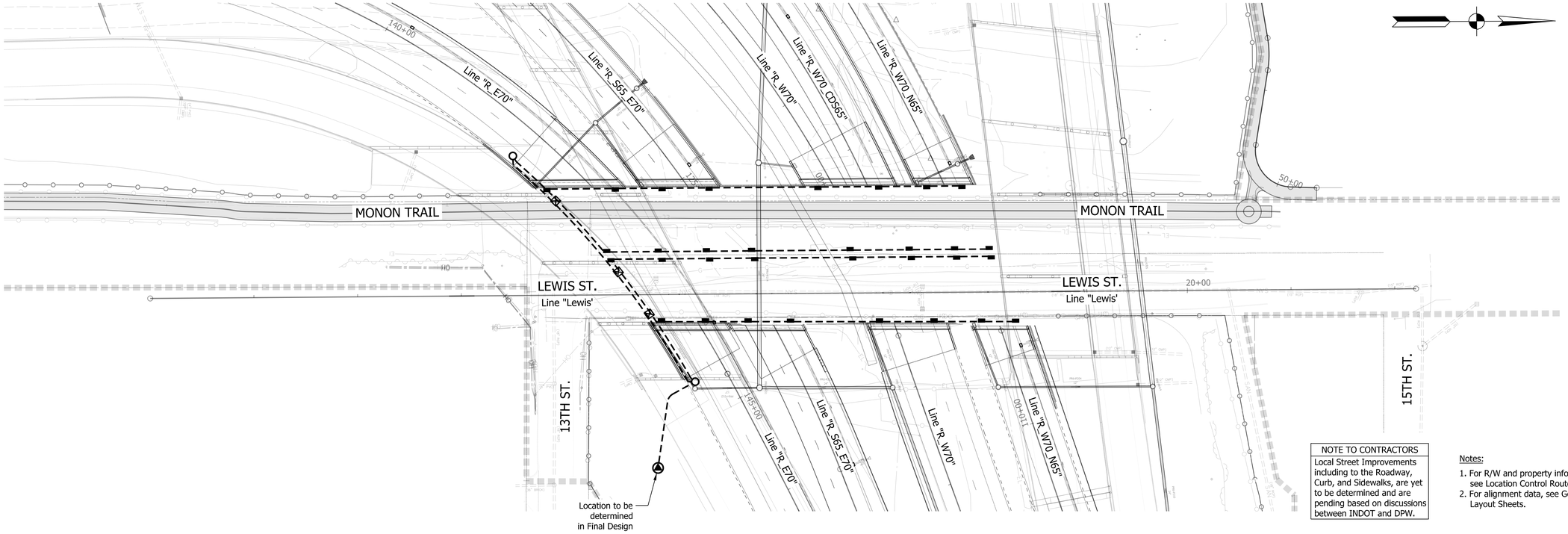

NOTE TO CONTRACTORS
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Notes:

1. For R/W and property information, see Location Control Route Survey.
2. For alignment data, see Geometric Layout Sheets.

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "LEWIS"
LEWIS STREET

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS LGTX12
ELECTRONIC	19 of 54
CONTRACT	PROJECT
B-36910	1600808

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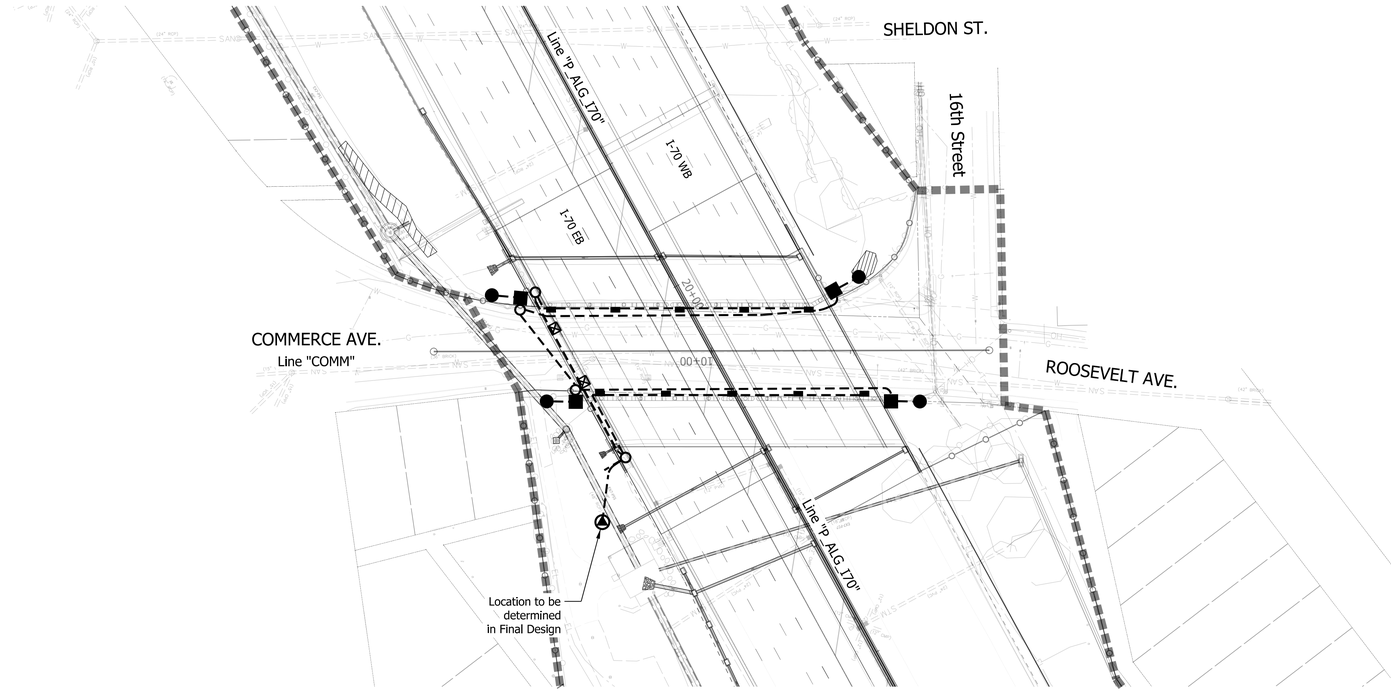

NOTE TO CONTRACTORS
Local Street Improvements including to the Roadway, Curb, and Sidewalks, are yet to be determined and are pending based on discussions between INDOT and DPW.

Notes:

1. For R/W and property information, see Location Control Route Survey.
2. For alignment data, see Geometric Layout Sheets.

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "COMM"
COMMERCE AVENUE

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS		LGTX13
ELECTRONIC	20	of	54
CONTRACT	PROJECT		
B-36910	1600808		

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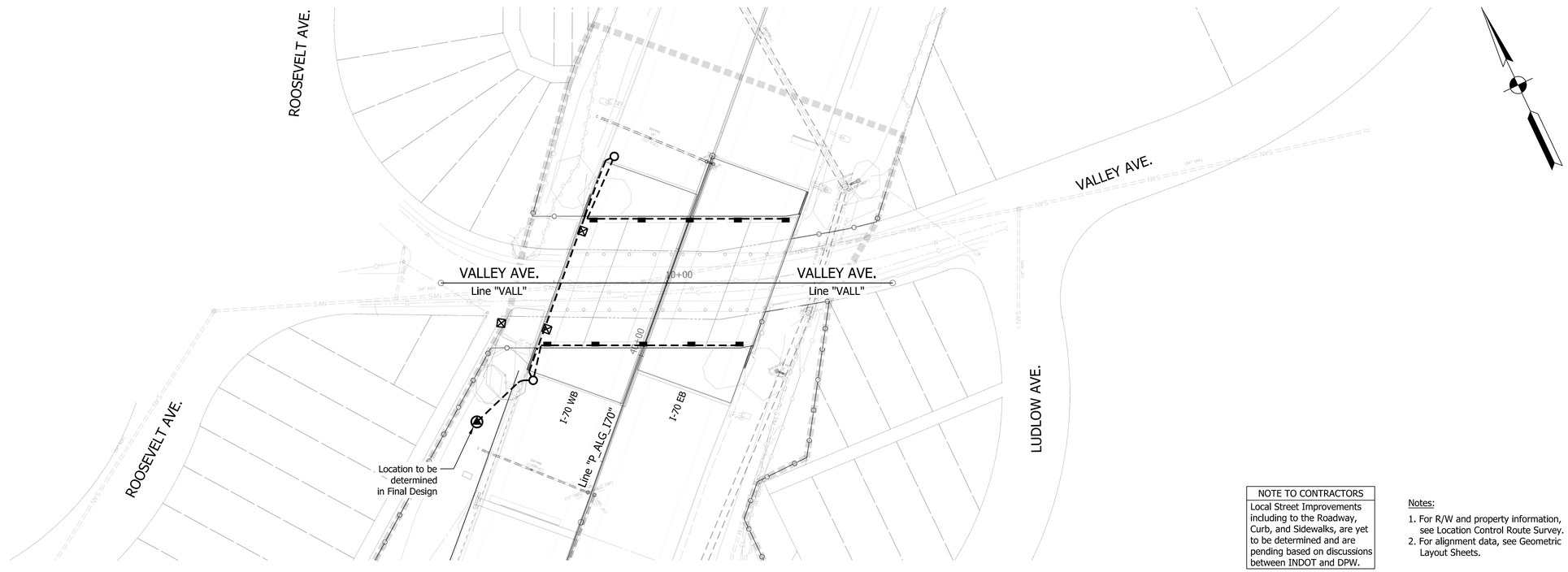

NOTE TO CONTRACTORS
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Notes:

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2. For alignment data, see Geometric Layout Sheets.

LEGEND

- Conductor
- Service Point
- Handhole
- Wall Pack Lights
- Monument Accent Lighting
- Monument Uplighting
- Pier Down Lighting
- Concrete Railing Handhole

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: CAP DRAWN: JNII

CHECKED: CCR CHECKED: CCR

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEET
LINE "VALL"
VALLEY AVENUE

SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
1"=10'	1901936

SURVEY BOOK	SHEETS		LGTX14
ELECTRONIC	21	of	54
CONTRACT	PROJECT		
B-36910	1600808		

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SIGN PLANS NOTES

1. No change required to existing sign and supports
4. Remove existing panel sign from overhead sign structure
7. Remove existing sheet sign and supports
8. Remove existing ground mounted panel sign, supports, and foundations
9. Remove existing overhead sign, supports, and foundations
15. New panel sign on existing overhead structure
16. New panel sign, box structure & foundations
17. New panel sign, Cantilever, structure & foundation
18. New ground mounted panel sign, supports & foundations
19. New sheet sign, supports
20. New Route Marker Assembly, Strain Poles, Span & Catenary
21. Driver Feedback Sign

EXIT 83 B
NORTH
Keystone Ave
1/2 MILE
EXIT ONLY
Existing Sign

EXIT 83 B
NORTH
Keystone Ave
1/2 MILE
EXIT ONLY
Proposed Sign

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SEM JSE DRAWN: SEM
CHECKED: RMG CHECKED: RMG

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLAN

HORIZONTAL SCALE	BRIDGE FILE
1"=200'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936

SURVEY BOOK	SHEETS SPM-01
ELECTRONIC	22 of 54
CONTRACT	PROJECT
B-36910	1600808

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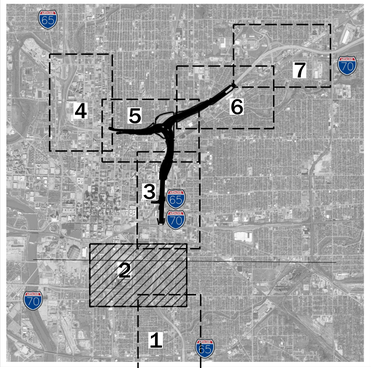
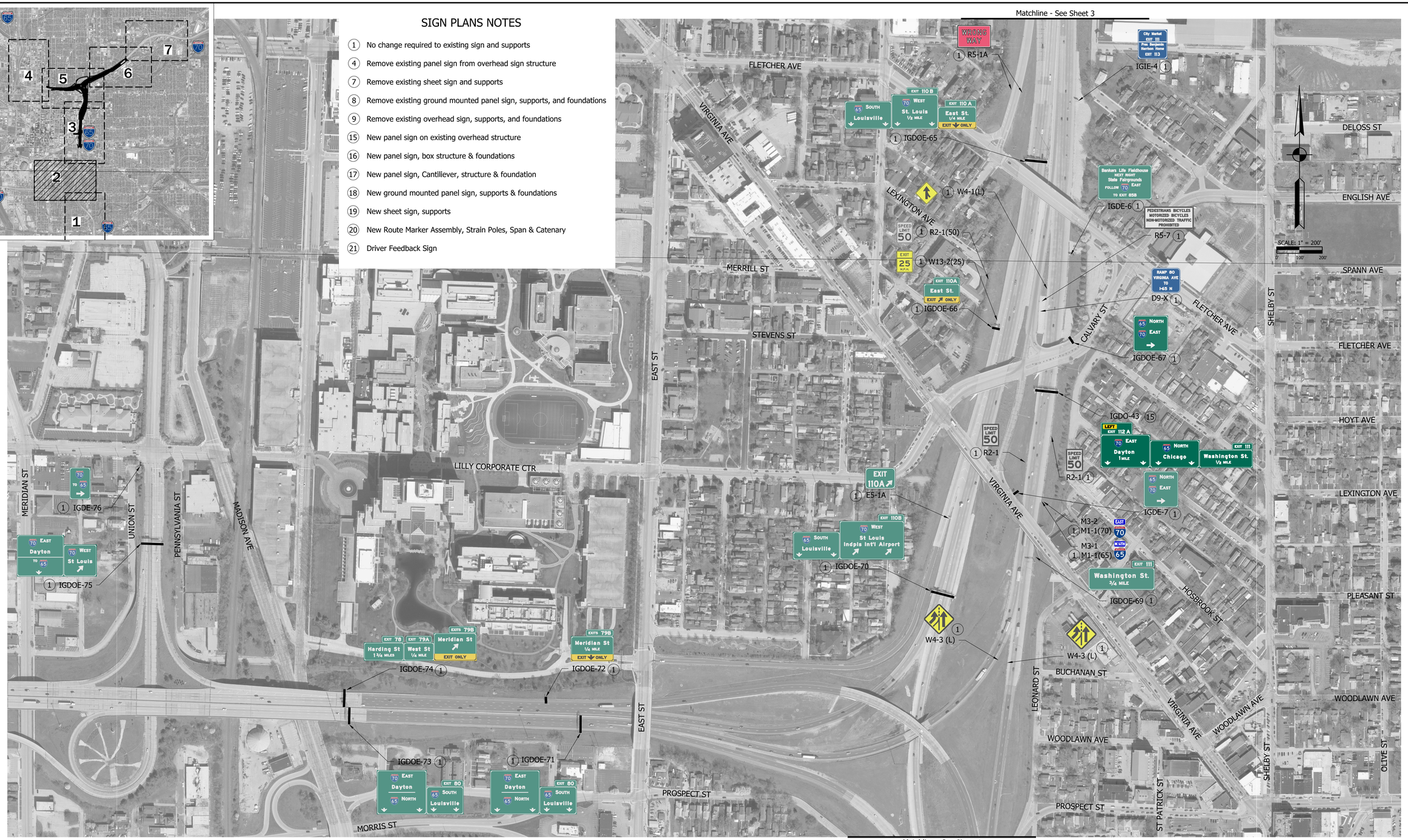


SIGN PLANS NOTES

1. No change required to existing sign and supports
4. Remove existing panel sign from overhead sign structure
7. Remove existing sheet sign and supports
8. Remove existing ground mounted panel sign, supports, and foundations
9. Remove existing overhead sign, supports, and foundations
15. New panel sign on existing overhead structure
16. New panel sign, box structure & foundations
17. New panel sign, Cantillever, structure & foundation
18. New ground mounted panel sign, supports & foundations
19. New sheet sign, supports
20. New Route Marker Assembly, Strain Poles, Span & Catenary
21. Driver Feedback Sign



Existing Sign

Proposed Sign

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: SEM JSE | DRAWN: SEM
CHECKED: RMG | CHECKED: RMG

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLAN

HORIZONTAL SCALE	BRIDGE FILE
1"=200'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936
SURVEY BOOK	SHEETS SPM-02
ELECTRONIC	23 of 54
CONTRACT	PROJECT
B-36910	1600808

jfjelks
2/24/2020 9:13:12 pm
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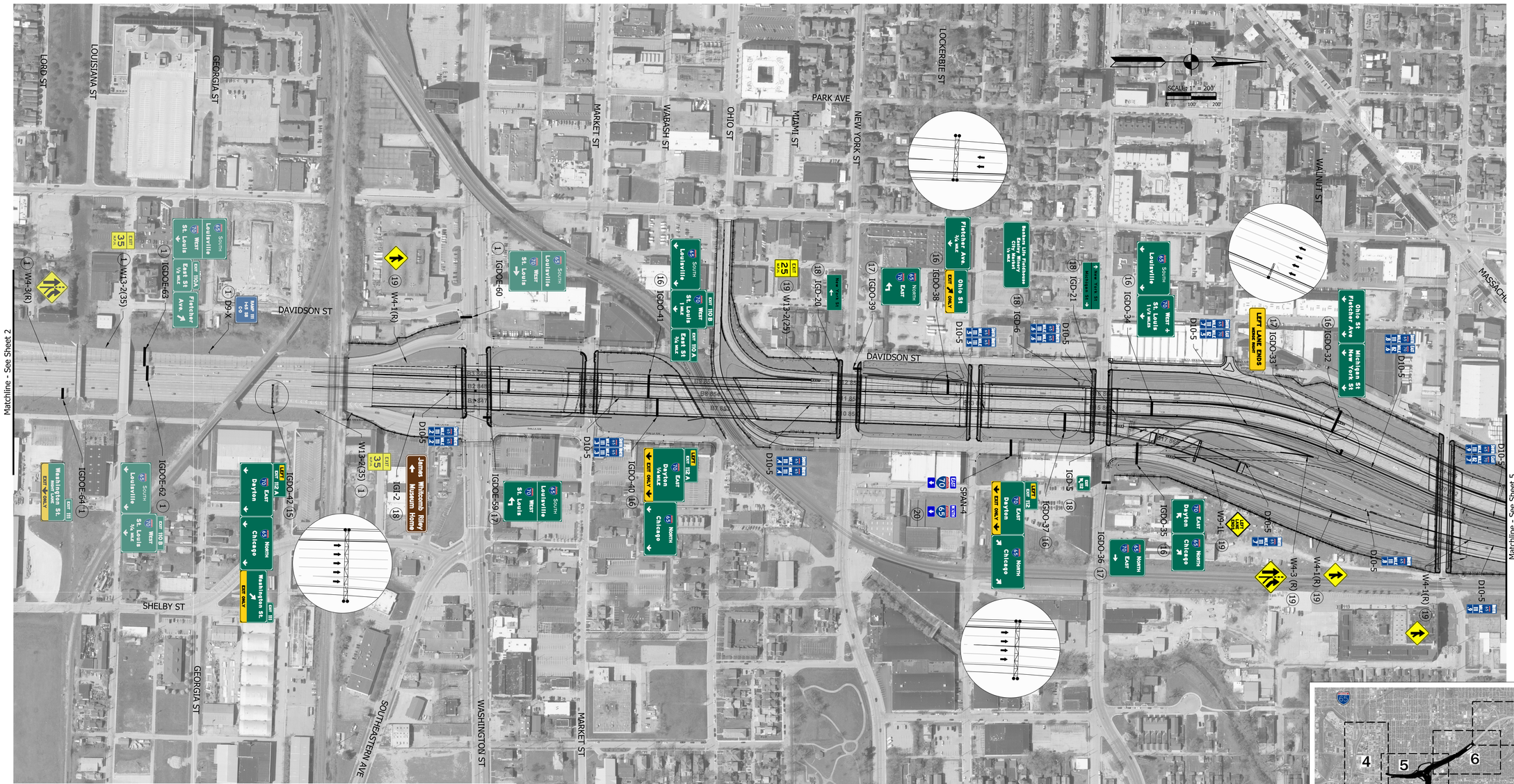
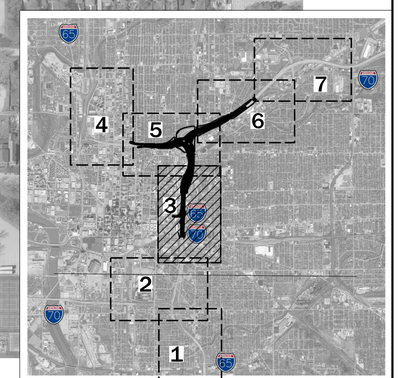


SIGNING LEGEND

1. No change required to existing sign and supports
4. Remove existing panel sign from overhead sign structure
7. Remove existing sheet sign and supports
8. Remove existing ground mounted panel sign, supports, and foundations
9. Remove existing overhead sign, supports, and foundations
15. New panel sign on existing overhead structure
16. New panel sign, box structure & foundations
17. New panel sign, Cantiliever, structure & foundation
18. New ground mounted panel sign, supports & foundations
19. New sheet sign, supports
20. New Route Marker Assembly, Strain Poles, Span & Catenary
21. Driver Feedback Sign



Existing Sign

Proposed Sign

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: SEM JSE	DRAWN: SEM
CHECKED: RMG	CHECKED: RMG

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLAN

HORIZONTAL SCALE	BRIDGE FILE
1"=200'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901936
SURVEY BOOK	SHEETS SPM-03
ELECTRONIC	24 of 54
CONTRACT	PROJECT
B-36910	1600808

smcdougal
2/24/2020 9:13:48 pm
models: Sheet1
file: p:\1297 - i-65 i-70 north split\dwgs\road\010-traf de\1600808-rd-s-spm03.dgn