

Willie Simmons
Central District Commissioner

Earl Glenn, Jr. P.E.
Deputy Executive Director/Chief Engineer

Neil Patterson, P.E.
District 5 Engineer



Brad White
Executive Director

Jeff Ely, P.E.
Chief of Staff

Lisa M. Hancock
Deputy Executive Director/Administration

June 3, 2025

Mr. Greg Higginbotham
Madison County Board of Supervisors
P.O. Box 608
Canton, MS 39046-0608

RE: Project Number 108168-301000
Agreement for the Construction of a Lighting System
Interstate 55
Madison County

Dear Mr. Higginbotham:

Attached you will find two (2) original Memorandum of Agreements for the construction of a Lighting System for Madison County.

If the AGREEMENT meets with your approval, **please execute the two (2) originals and return them to this office, along with two (2) certified copies of Board Orders.** We will furnish you with an original executed AGREEMENT following execution by the Mississippi Transportation Commission.

If you have any questions, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Neil Patterson", with a stylized flourish at the end.

NEIL PATTERSON, P.E.
DISTRICT ENGINEER

NP:mc

pc: Project File (Wedgeworth, Pierce, McDaniel)
Amy Hornback (original)

**MEMORANDUM OF AGREEMENT
BETWEEN
THE MISSISSIPPI TRANSPORTATION COMMISSION
AND
THE MADISON COUNTY, MISSISSIPPI
PROJECT NO. 108168-301000**

This Memorandum of Agreement (this "Agreement") is executed by and between Madison County, Mississippi ("the County") acting through its Board of Supervisors and the Mississippi Transportation Commission ("the Commission"), a body corporate of the State of Mississippi, acting through the duly authorized Executive Director of the Mississippi Department of Transportation ("MDOT"), effective as of the last date of execution hereof.

WITNESSETH:

WHEREAS, Sections 65-1-8, 65-1-75, and 65-1-81 of Mississippi Code Annotated (1972) authorize the Commission to enter into cooperative agreements with municipalities in the State of Mississippi for the construction and maintenance of facilities which are located within the municipalities and which are part of the designated state highway system; and

WHEREAS, the Commission owns and currently has plans to improve Interstate 55 from Highway 463 to the Gluckstadt Interchange; and

WHEREAS, the improvement to be added to Interstate 55 will be by the advertisement, letting and award of the proposal to widen Interstate 55 from four lanes to six lanes (hereinafter "the Project"); and

WHEREAS, the Commission proposes to construct a fully operational lighting system with the cost of installation being paid by the Commission under the contract provisions of the Project; and

WHEREAS, the Commission is willing to construct the said lighting system at its expense, while the County is willing to thereafter maintain the system at its expense; and

WHEREAS, the Commission and the County desire to work in coordination and cooperation with each other in a government-to-government relationship for the benefit of both parties; and

WHEREAS, the Commission approved execution of this Agreement at its regular meeting of _____, 2025 and the County approved the Agreement at its Board of Supervisors meeting of _____, 2025.

NOW, THEREFORE, in consideration of the mutual covenants and promises set forth herein, and other good and valuable consideration, the Commission and the County do hereby agree as follows:

I. PURPOSE

The purpose of this Agreement is to establish and define the respective responsibilities and obligations of the Commission and the County with respect to their joint cooperative efforts to construct and maintain certain improvements to Interstate 55.

II. CONTACT PERSONS

It is understood by both parties that the Commission executes all of its orders and directives through the Executive Director of MDOT. It is understood by both parties that the County executes all of its orders and directives through its Mayor.

Unless otherwise notified in writing to the contrary, the appropriate contact person for the parties in matters pertaining to this Agreement shall be:

For the Commission

Neil Patterson
District Engineer
Mississippi Department of Transportation
7759 Highway 80 West
Newton, Mississippi 39345
Telephone: (601)683-1773
Fax: (601)683-7030

For the County

Greg Higginbotham
County Administrator
Madison County
125 West North Street
Canton, Mississippi 39046
Telephone: (601)790-2590
Fax: (601)859-5875

III. RESPONSIBILITIES OF THE PARTIES:

A. The Commission hereby covenants and agrees as follows:

1. To construct, as a part of the Project, at its sole expense, a lighting system which substantially conforms to existing plans of Project No. 108168-301000.
2. To accept responsibility for maintenance, through its usual procedures, of all facilities constructed under the Project except as specified in this Agreement or any other agreement with the County.
3. To continue full maintenance of the lighting system and bear the cost for the monthly utility service until the County's responsibility hereunder commences.
4. To inform the County when the lighting system is complete and the contractor or contractors have been released from maintenance.

5. To grant to the County an easement to, over, and on the right-of-way necessary to reach the location of the lighting system towers and the buried electrical cable to carry out maintenance activities as required. All traffic control necessary to maintain the lighting system will be provided by the County in accordance with the most current version of the Manual on Uniform Traffic Control Devices (MUTCD).

B. The County hereby covenants and agrees as follows:

1. To grant to the Commission, at no cost, a construction easement to any right-of-way owned by the County which may be reasonably required to construct the Project.
2. After completion of the Project, to assume in perpetuity the responsibility for normal and routine maintenance of the lighting system constructed under the Project, including any and all replacement of poles, replacement parts, labor, equipment and maintenance to replace lighting components, and the cost of electrical service to light the system, and all other incidentals necessary to maintain the system in a safe and satisfactory manner, including the cost for the monthly utility service beginning the first billing cycle after the selected Contractor is released from maintenance at the completion of the construction.
3. To advise MDOT's District Engineer in advance of any work to be performed on the Commission's right-of-way so that MDOT may, although it is not obligated to, provide oversight and inspection of the work.

IV. GENERAL PROVISIONS

- A. It is understood that this is only a Memorandum of Agreement, subject to specific requirements that may be contained in Federal statutes, the Code of Federal Regulations, the Mississippi Code, the Standard Operating Procedures for MDOT, and other regulatory authorities. The County agrees that it will abide by all such applicable authority.
- B. This Agreement may only be terminated by mutual agreement of both parties. The term of this Agreement is to begin on the latest date of signing below and is to continue until terminated as provided above. Upon termination of this Agreement, the lighting system will be removed by the Commission and the County will reimburse the Commission for the cost of removal. The lighting equipment will at all times remain the property of the Commission.
- C. All contracts and subcontracts for work under this Agreement shall include a provision for compliance with the Mississippi Employment Protection Act, codified at Section 71-11-3 of the Mississippi Code of 1972, as amended.

- D. The Commission's obligations to perform under this Agreement are conditioned on sufficient funding being appropriated and made available by the Mississippi Legislature.
- E. MDOT's District Engineer shall have the final authority to make the determination of what constitutes the maintenance which the County is obligated to perform.
- F. In the event that the District Engineer determines that the maintenance has not been carried out to acceptable standards the County will be given a reasonable opportunity to correct the deficiencies. In the event that the County does not bring the facility to an acceptable standard within a reasonable time the Commission will have the authority to conduct the requisite maintenance and bill the County for its costs.
- G. Both parties hereto represent that they have authority to enter into this Agreement. Certified copies of the applicable Minutes of the Madison Board of Aldermen meeting and Commission Orders are attached hereto.

V. AMENDMENTS

The Agreement may be amended upon written agreement of both parties.

VI. SEVERABILITY

Should any provision of this Agreement be found to be unconstitutional, or otherwise contrary to the laws of the State of Mississippi or the United States of America, to the extent that it is reasonably possible to do so, the remainder of the Agreement shall remain in full force and effect.

VII. RELATIONSHIP OF THE PARTIES

- A. The relation of the County to the Commission is that of an independent contractor, and the parties, in accordance with their status as an independent contractor, covenant and agree that they will conduct themselves consistent with such status, that neither will hold itself out as, or claim to be, an agent, officer, or employee of the other by reason hereof. Neither party will make any claim, demand, or application for any right or privilege applicable to an officer or employee of the other, including but not limited to workers' compensation coverage, unemployment insurance benefits, social security coverage, retirement membership or credit, or any form of tax withholding whatsoever.
- B. No provision of this Agreement is intended, nor shall it be construed, to grant any right, title, or interest to any person or entity not a signatory hereto.
- C. The Commission, MDOT, and all of their agents, officials, and employees have no obligations or responsibilities toward the activities conducted under this Agreement except those specifically stated herein, and have no authority to select, employ, supervise, or control any contractor employed by the County, or any

employee, agent, or official of the County, or any of the County's contractors or subcontractors.

- D.** The County and its agents, officials, and employees have no obligations or responsibilities toward the activities conducted under this Agreement except as specifically stated herein, and have no authority to select, employ, supervise, or control any employee or official of the Commission or MDOT, or any of their contractors or subcontractors.
- E.** The Commission will not be a party to any contract or subcontract entered into by the County, other than this Agreement.

SO EXECUTED AND AGREED THIS ____ DAY OF _____, 2025.

**MADISON COUNTY, MISSISSIPPI
BY AND THROUGH ITS DULY
AUTHORIZED BOARD OF SUPERVISORS**

Greg Higginbotham

ATTEST:

(Affix Seal)

SO EXECUTED AND AGREED THIS ____ DAY OF _____, 2025.

**MISSISSIPPI TRANSPORTATION
COMMISSION, by and through the duly
authorized Executive Director of the Mississippi
Department of Transportation**

By: _____
Brad White, Executive Director
Mississippi Department of Transportation

Lighting Agreement with Madison County, Recorded at Book _____, Page _____ in the Minutes of the Commission

LIGHTING NOTES

- ① ALL LIGHTING ASSEMBLY LOCATIONS WILL BE STAKED IN THE FIELD BY THE CONTRACTOR. THESE LOCATIONS SHALL BE THE CENTER OF THE LIGHTING ASSEMBLY. THE CENTER OF THE ASSEMBLY'S COST OF STAKING SHALL BE ASSIGNED TO THE CONTRACTOR. THE CENTER OF THE ASSEMBLY SHALL BE ASSIGNED TO THE CONTRACTOR.
- ② ALL QUANTITIES SHOWN FOR BRANCH CIRCUITS ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TERRAIN IN THE FIELD.
- ③ THE COST OF DISPOSING OF MATERIALS EXCEEDING EXCESS EXCAVATION SHALL BE ASSIGNED FOR PAYMENT IN OTHER ITEMS. CONTRACTOR SHALL PROVIDE TOUCH UP GALVANIZING SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.
- ④ EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE UTILITY OWNERS TO VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITY LINES LOCATED IN ADVANCE OF CONSTRUCTION. COORDINATE LOCATION OF MOOT LINES THROUGH THE MADISON DISTRICT OFFICE.
- ⑤ METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON OR OTHER SUITABLE TIE DOWN MEANS TO PREVENT DAMAGE TO POLE SURFACE. CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.
- ⑥ A TREMIE SHALL BE USED TO PLACE CONCRETE FOR FOUNDATIONS.
- ⑦ THE DIMENSIONS OF CONCRETE MAINTENANCE PAD MAY BE ADJUSTED TO FIT FIELD CONDITIONS WHEN NEAR CONCRETE PAVED DITCHES. THE JUNCTION BOX SHOULD BE LOCATED ON THE UPHILL SLOPE OF THE PAD TO REDUCE THE LIKELIHOOD OF WATER FLOWING INTO THE BOX. THE JUNCTION BOX SHOULD BE LOCATED ON THE UPHILL SLOPE OF THE PAD TO REDUCE THE LIKELIHOOD OF WATER FLOWING INTO THE BOX. THE JUNCTION BOX SHOULD BE LOCATED ON THE UPHILL SLOPE OF THE PAD TO REDUCE THE LIKELIHOOD OF WATER FLOWING INTO THE BOX.
- ⑧ STATION OFF SETS OF POLE LOCATION IS CENTER OF POLE FOUNDATION. THE CONTROLLING DIMENSION IS INDICATED IN DETAIL 1-3/UD-5 ON SHEET 4031.

ABBREVIATIONS

- A.W.C. - AMERICAN WIRE GAUGE
- B.O.P. - BEGINNING OF PROJECT
- BRCH. - BRANCH
- C.A.T. - CABLE ASSEMBLY
- E.A. - END OF PROJECT
- E.O.P. - END OF PROJECT
- E.S. - EXPOSED
- I.A.-3/HA-1 - ILLUMINATING ASSEMBLY - NUMBER
- L.T. - LEFT
- M. - METER
- M.DOT - MISSISSIPPI DEPARTMENT OF TRANSPORTATION
- N.E. - NORTHEAST
- N.P.S. - NOMINAL PIPE SIZE
- O.C. - ON CENTER
- P.V.C. - POLYVINYL CHLORIDE
- R.T. - RIGHT
- S.E. - SOUTHEAST
- S.P.C. - SECONDARY POWER CONTROLLER
- S.W. - SOUTHWEST
- T.H.W. - THERMOPLASTIC HEAT AND MOISTURE RESISTANT
- U.D. - UNDERGROUND
- LED - LIGHT EMITTING DIODE

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER
LOW MAST	COOPER	VERB-042-110-740-B-13
HIGH MAST	COOPER	CLED2100C4070HLL-57M
UNDERPASS	COOPER	CAW-542B-740-U-14FT

CONTRACTOR SHALL SUBMIT PHOTOGRAPHIC ANALYSIS OF THE PROJECT IF SUBMITTING AN EQUAL LED LUMINAIRE SCHEDULE. ANALYSIS SHALL INCLUDE:

1. VERTICAL MAINTAINED ILLUMINATION 0.8 FC
2. UNIFORMITY (AVG. TO MINIMUM) RATIO 4:1

- EXISTING BRANCH CIRCUIT TO BE REMOVED OR ABANDONED.
- EXISTING CONDUCTORS TO BE REMOVED. CONDUIT TO REMAIN IN PLACE.
- STRUCTURE MOUNTED BRANCH CIRCUIT NO. OF CONDUCTORS.
- STRUCTURE MOUNTED PULL BOX
- STRUCTURE MOUNTED JUNCTION BOX
- CONDUCTORS INSTALLED IN EXISTING CONDUIT.

LEGEND

- HA-7-1 (A) HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 6 - 500 WATT LED TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-6-A) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- HA-7-1 (B) HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 8 - 500 WATT LED TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-8-A) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- HA-7-1 (C) HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 8 - 500 WATT LED TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-8-A) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- HA-7-1 (D) HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 8 - 500 WATT LED TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-8-A) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- HA-7-1 (E) LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 40 FT. POLE, 1 - 110 WATT LED TYPE B. DISTRIBUTION LUMINAIRE. (TYPE 40-2-B-110) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- HA-7-1 (F) LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 40 FT. POLE, 2 - 110 WATT LED TYPE B. DISTRIBUTION LUMINAIRE. (TYPE 40-2-B-110) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- UP-7-1 (G) UNDERPASS LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. STRUCTURE MOUNTED 86 WATT LED TYPE B. DISTRIBUTION LUMINAIRE. (TYPE 86-2-B-110) <-> INDICATES ORIENTATION ? INDICATES CIRCUIT
- 90-1 (H) SECONDARY POWER CONTROLLER
- 12 LF (I) UNDERGROUND BRANCH CIRCUIT, JACKED OR BORED, LENGTH.
- OVERHEAD POWER LINE
- UNDERGROUND PULLBOX
- EXISTING PULL BOX TO REMAIN
- EXISTING PULL BOX TO BE REMOVED
- EXISTING HIGH MAST POLE TO REMAIN
- EXISTING HIGH MAST POLE TO BE REMOVED
- EXISTING LOW MAST POLE TO REMAIN
- EXISTING LOW MAST POLE TO BE REMOVED
- EXISTING LOW MAST POLE TO BE REMOVED FOUNDATION TO BE REMOVED 3 FT BELOW GRADE.

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SHEET NO. 4001

SHEET ID LM-4

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFER INC.

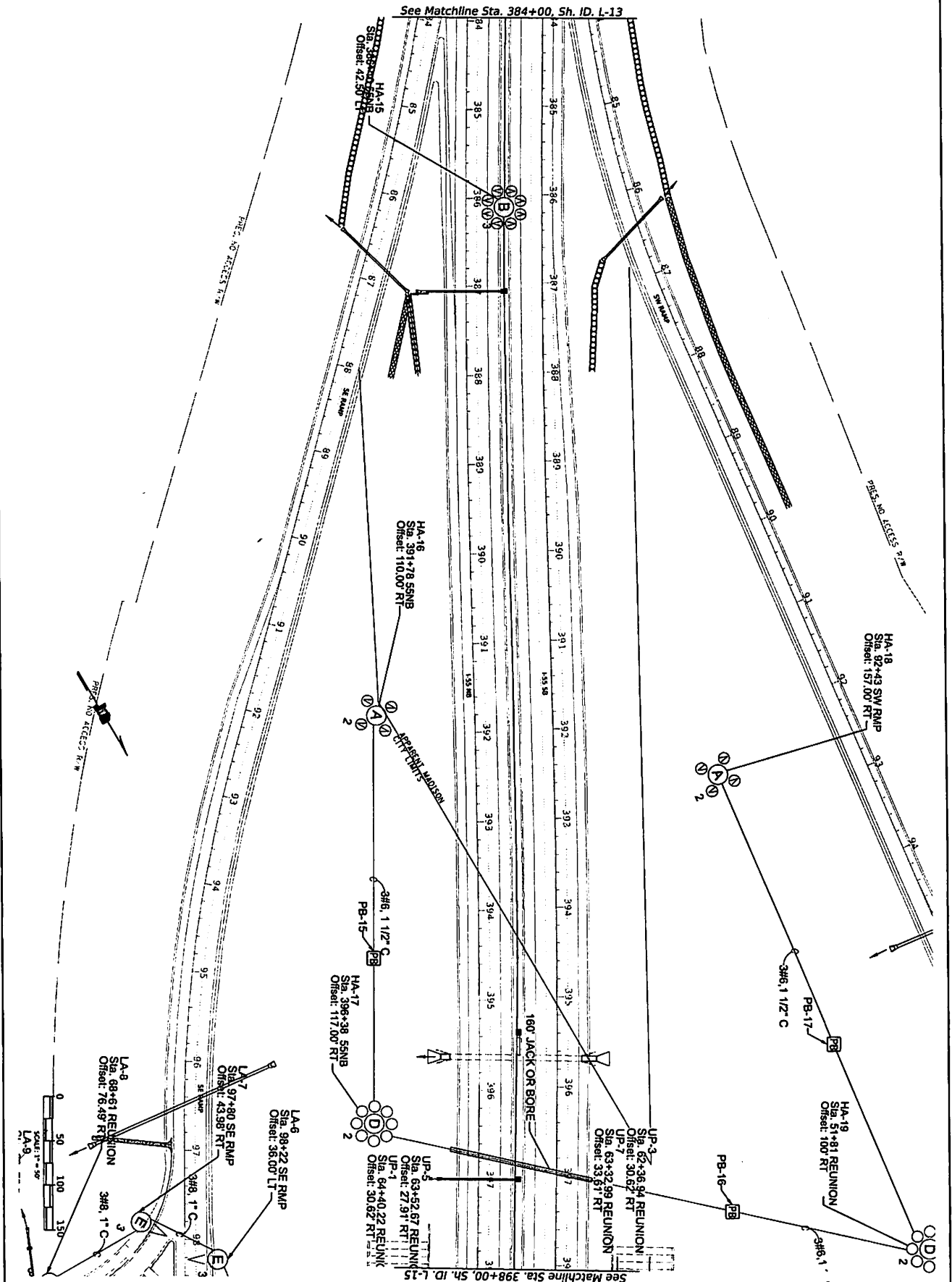
DETAILED BY:

CHECKED BY:

DATE:



PRELIMINARY
NOT FOR
CONSTRUCTION



<p>LIGHTING LAYOUT FINAL PLAN I-55</p>		<p>FMS CON: 108168/301000</p>	<p>DESIGNED BY: NEEL-SCHAFFER INC</p>	<p>MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION</p>	<p>PRELIMINARY NOT FOR CONSTRUCTION</p>
<p>SHEET ID: L-14</p>		<p>PROJECT NO.: STP-0055-02(271)</p>	<p>DETAILED BY:</p>		
<p>SHEET NO. 4075</p>		<p>COUNTY: MADISON</p>	<p>CHECKED BY:</p>		
			<p>DATE:</p>		

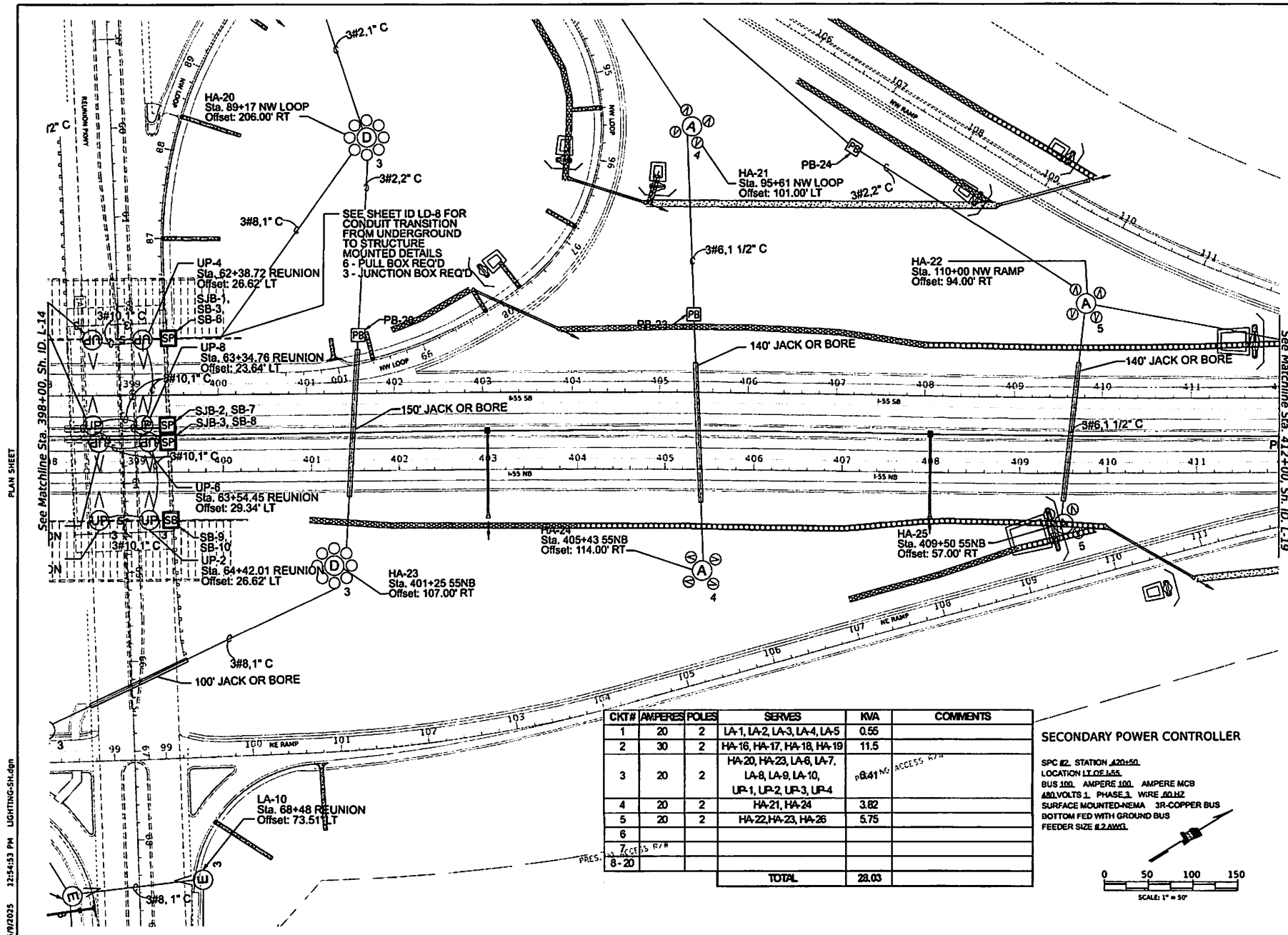
WDOT
WISCONSIN DEPARTMENT OF TRANSPORTATION

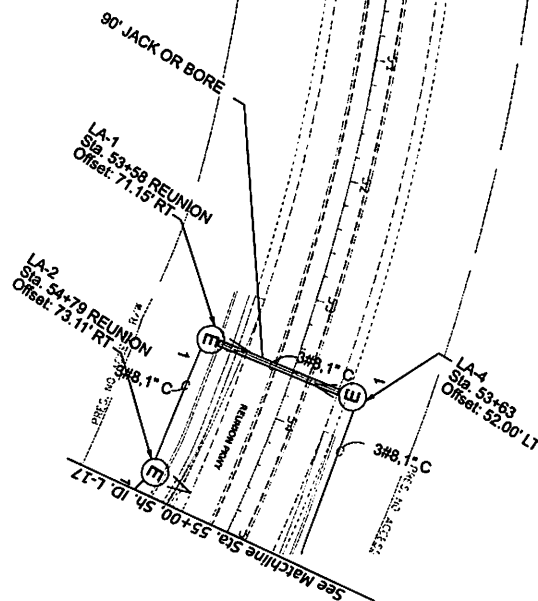
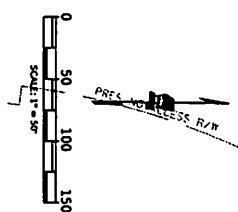
FMS CON: 108168/301000
PROJECT NO.: STP-0055-02
COUNTY: MADISON

**LIGHTING LAYOUT
FINAL PLAN
I-55**

SHEET ID
L-15

SHEET NO
4016





SHEET ID
L-16
SHEET NO.
4817

**LIGHTING LAYOUT
FINAL PLAN
REUNION PKWY**

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFER INC

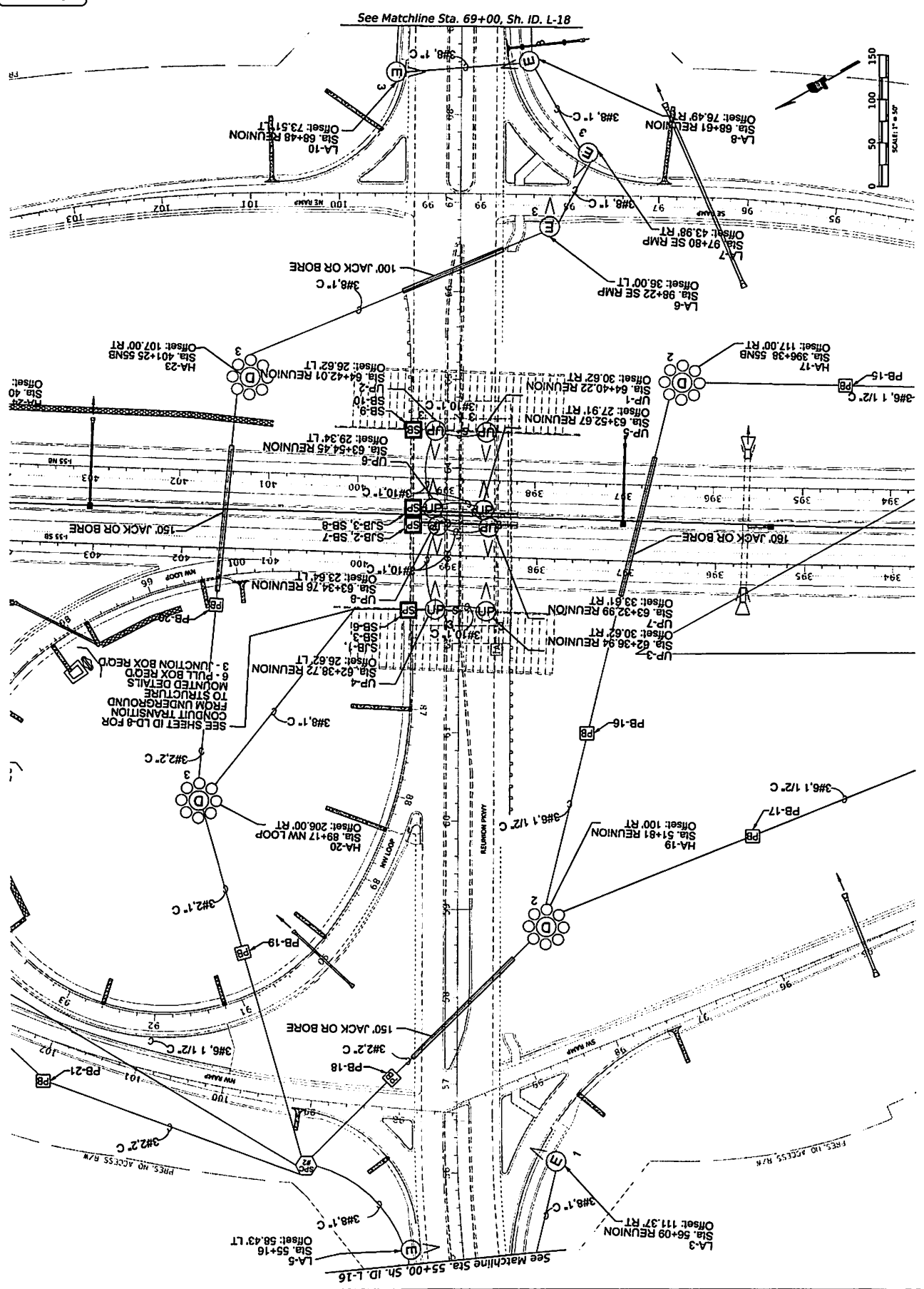
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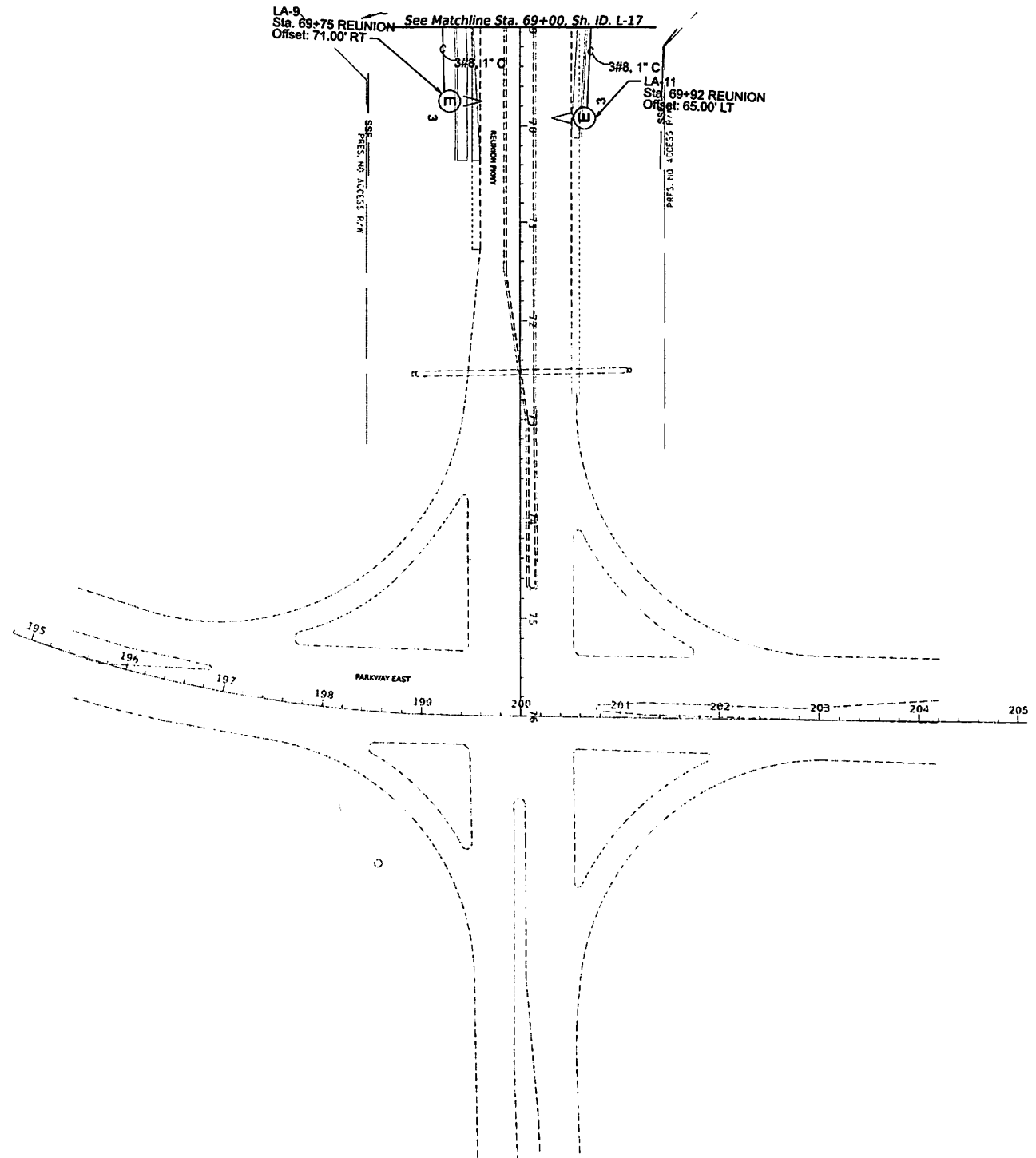
CHECKED BY:

DATE:



PRELIMINARY
NOT FOR
CONSTRUCTION





SHEET NO.
4018

SHEET ID
L-18

**LIGHTING LAYOUT
FINAL PLAN
REUNION PRKWAY**

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFER INC

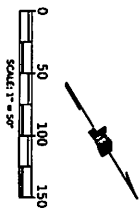
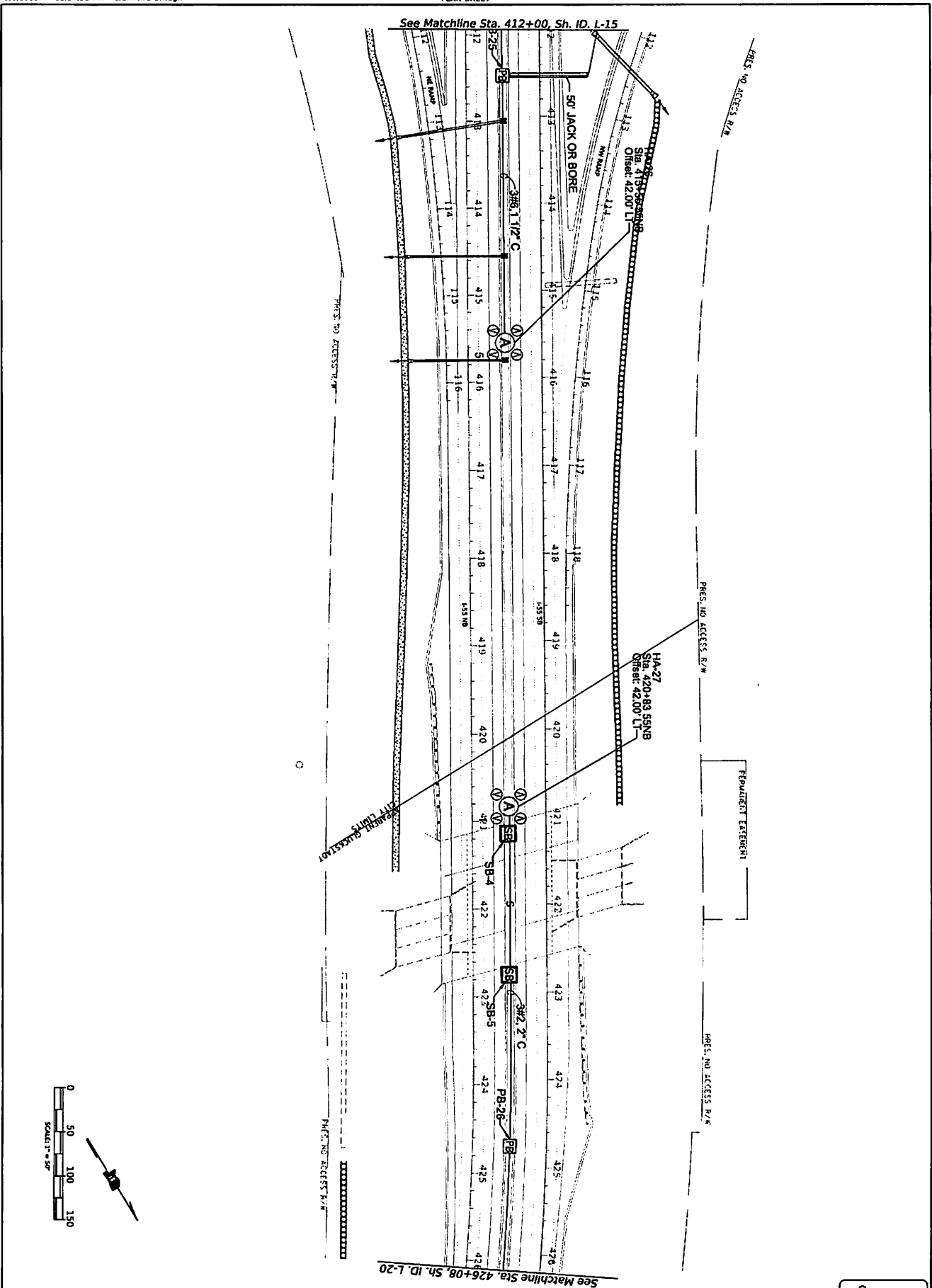
DETAILED BY:

CHECKED BY:

DATE:



PRELIMINARY
NOT FOR
CONSTRUCTION



<p>LIGHTING LAYOUT FINAL PLAN I-55</p>	FMS CON: 108168/301000	DESIGNED BY: NEEL-SCHAFER INC.	<p>MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION</p>
	PROJECT NO.: STP-0055-02(271)	DETAILED BY:	
	COUNTY: MADISON	CHECKED BY:	
		DATE:	

SHEET ID
L-19

SHEET NO.
4020

PRELIMINARY
NOT FOR
CONSTRUCTION

**MEMORANDUM OF AGREEMENT
BETWEEN
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AND
THE MADISON COUNTY, MISSISSIPPI
PROJECT NO. 108168-301000**

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WITNESSETH:

WHEREAS, Sections 65-1-8, 65-1-75, and 65-1-81 of Mississippi Code Annotated (1972) authorize the Commission to enter into cooperative agreements with municipalities in the State of Mississippi for the construction and maintenance of facilities which are located within the municipalities and which are part of the designated state highway system; and

WHEREAS, the Commission owns and currently has plans to improve Interstate 55 from Highway 463 to the Gluckstadt Interchange; and

WHEREAS, the improvement to be added to Interstate 55 will be by the advertisement, letting and award of the proposal to widen Interstate 55 from four lanes to six lanes (hereinafter "the Project"); and

WHEREAS, the Commission proposes to construct a fully operational lighting system with the cost of installation being paid by the Commission under the contract provisions of the Project; and

WHEREAS, the Commission is willing to construct the said lighting system at its expense, while the County is willing to thereafter maintain the system at its expense; and

WHEREAS, the Commission and the County desire to work in coordination and cooperation with each other in a government-to-government relationship for the benefit of both parties; and

WHEREAS, the Commission approved execution of this Agreement at its regular meeting of _____, 2025 and the County approved the Agreement at its Board of Supervisors meeting of _____, 2025.

NOW, THEREFORE, in consideration of the mutual covenants and promises set forth herein, and other good and valuable consideration, the Commission and the County do hereby agree as follows:

I. PURPOSE

The purpose of this Agreement is to establish and define the respective responsibilities and obligations of the Commission and the County with respect to their joint cooperative efforts to construct and maintain certain improvements to Interstate 55.

II. CONTACT PERSONS

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Unless otherwise notified in writing to the contrary, the appropriate contact person for the parties in matters pertaining to this Agreement shall be:

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Neil Patterson
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Fax: (601)683-7030

For the County

Greg Higginbotham
County Administrator
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III. RESPONSIBILITIES OF THE PARTIES:

A. The Commission hereby covenants and agrees as follows:

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2. To accept responsibility for maintenance, through its usual procedures, of all facilities constructed under the Project except as specified in this Agreement or any other agreement with the County.
3. To continue full maintenance of the lighting system and bear the cost for the monthly utility service until the County's responsibility hereunder commences.
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SO EXECUTED AND AGREED THIS ____ DAY OF _____, 2025.

**MADISON COUNTY, MISSISSIPPI
BY AND THROUGH ITS DULY
AUTHORIZED BOARD OF SUPERVISORS**

Greg Higginbotham

ATTEST:

(Affix Seal)

SO EXECUTED AND AGREED THIS ____ DAY OF _____, 2025.

**MISSISSIPPI TRANSPORTATION
COMMISSION, by and through the duly
authorized Executive Director of the Mississippi
Department of Transportation**

By: _____
Brad White, Executive Director
Mississippi Department of Transportation

Lighting Agreement with Madison County, Recorded at Book _____, Page _____ in the Minutes of the Commission

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⑨

ALL LIGHTING ASSEMBLY LOCATIONS WILL BE STAKED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE ASSEMBLIES. COST OF STAKING SHALL BE ABSORBED IN OTHER ITEMS.

ALL QUANTITIES SHOWN FOR BRANCH CIRCUITS ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TEAM IN THE FIELD.

THE COST OF DISPOSING OF MATERIALS DEEMED EXCESS EXCAVATION SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.

CONTRACTOR SHALL PROVIDE TOUCH UP GALVANIZING SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.

EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS. ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS (INCLUDING MISSISSIPPI ONE CALL) TO HAVE UNDERGROUND UTILITY LINES LOCATED IN ADVANCE OF CONSTRUCTION. COORDINATE LOCATION OF WDOT LINES THROUGH THE MADISON DISTRICT OFFICE.

METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.

A TREMP SHALL BE USED TO PLACE CONCRETE FOR FOUNDATIONS. THE DIMENSIONS OF CONCRETE MAINTENANCE PAD MAY BE ADJUSTED TO FIT FIELD CONDITIONS WHEN HEAVY CONCRETE PAVED DITCHES. THE JUNCTION BOX SHOULD BE LOCATED ON THE UPHILL SLOPE OF THE PAD TO REDUCE THE LIKELIHOOD OF WATER FLOWING INTO THE BOX. THE COST OF THE 6"x6" WIRE FABRIC REINFORCEMENT OR SUBSTITUTED SYNTHETIC STRUCTURAL FIBERS (MEETING THE REQUIREMENT OF SUBSECTION 711) SHALL BE INCLUDED IN THE UNIT COST OF THE JUNCTION BOX WITH CONCRETE PAD.

STATION OFF SETS OF POLE LOCATION IS CENTER OF POLE FOUNDATION. THE CONTROLLING DIMENSION IS INDICATED IN DETAIL 1-3/10-9 ON SHEET 4031.

LIGHTING NOTES

ABBREVIATIONS

● A.W.G.
B.P.
BRCH.
K
CENTRINE
CIRCUIT
EACH
EXP.
L.E.S.
L.A.-3,HA-1
L.S.
LUMINATING ENGINEERING SOCIETY
LIGHTING ASSEMBLY - NUMBER
LETTER
L.T.
LEFT
NE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
N.E.
NOMINAL PIPE SIZE
NW.
ON CENTER
POLYVINYL CHLORIDE
RIGHT
S.E.
SOUTHEAST
SECONDARY POWER CONTROLLER
S.W.
THW
UNCD.
LED

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER
LOW MAST	COOPER	VERO-CAZ-110-74D-8-T3
HIGH MAST	COOPER	CLED2100C4070AT3_ASYM
UNDERPASS	COOPER	GAW-SAZB-74D-U-14FT

CONTRACTOR SHALL SUBMIT PHOTO-METRIC ANALYSIS OF THE PROJECT IF SUBMITTING AN EQUAL MEET THE FOLLOWING LIGHTING REQUIREMENTS:
1. AVERAGE MAINTAINED ILLUMINATION 0.8 FC
2. UNIFORMITY (AVG. TO MINIMUM) RATIO 4:1

EXISTING BRANCH CIRCUIT TO BE REMOVED OR ABANDONED.
EXISTING CONDUCTORS TO BE REMOVED, CONDUIT TO REMAIN IN PLACE.
STRUCTURE MOUNTED BRANCH CIRCUIT NO OF CONDUCTORS.
STRUCTURE MOUNTED PULL BOX
STRUCTURE MOUNTED JUNCTION BOX
CONDUCTORS INSTALLED IN EXISTING CONDUIT.



EXISTING LOW MAST POLE TO BE REMOVED
FOUNDATION TO BE REMOVED 3 FT BELOW GRADE.



EXISTING LOW MAST POLE TO REMAIN



EXISTING HIGH MAST POLE TO BE REMOVED
FOUNDATION TO BE REMOVED 3 FT BELOW GRADE.



EXISTING HIGH MAST POLE TO REMAIN



EXISTING PULL BOX TO BE REMOVED



EXISTING PULL BOX TO REMAIN



UNDERGROUND PULL BOX



OVERHEAD POWER LINE



UNDERGROUND BRANCH CIRCUIT, JACKED OR BORED, LENGTH.



SECONDARY POWER CONTROLLER



UNDERGROUND SECONDARY BRANCH CIRCUIT, NO. OF CONDUCTORS



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE IN DISTRIBUTION LUMINAIRE.



UNDERPASS LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. STRUCTURE MOUNTED 86 WATT LED



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE IN DISTRIBUTION LUMINAIRE. (TYPE 40-2-8-110) WITH 8 FT. MAST ARM



LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 40FT. POLE, 2 - 110 WATT LED



LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 40FT. POLE, 1 - 110 WATT LED



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE SYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-8-5)



HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 8 - 500 WATT LED



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-6-A)



HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 6 - 500 WATT LED



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-8-A)



HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 8 - 500 WATT LED



> > INDICATES ORIENTATION ? INDICATES CIRCUIT TYPE ASYMMETRICAL DISTRIBUTION LUMINAIRE. (TYPE 120-4-A)



HIGH MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO. 120 FT. POLE, 4 - 500 WATT LED

LEGEND

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SHEET NO. 4001

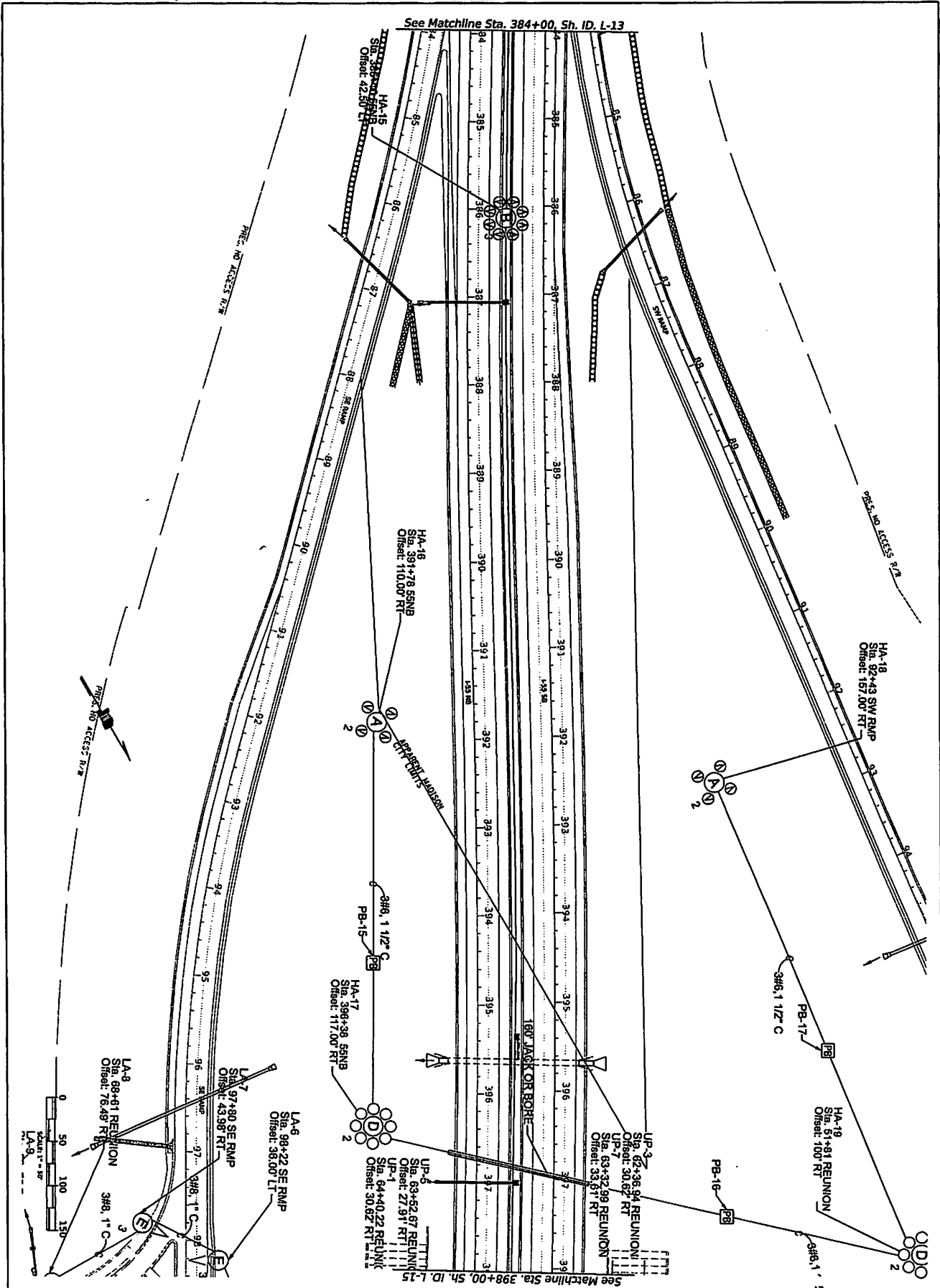
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FMS CON: 10816/201000
PROJECT NO.: STP-0055-02(277)
COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFER INC
CHECKED BY:
DATE:



PRELIMINARY
NOT FOR
CONSTRUCTION



SHEET NO.
4018

SHEET ID
L-14

LIGHTING LAYOUT
FINAL PLAN
1-55

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFER INC.

DETAILED BY:

CHECKED BY:

DATE:



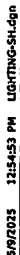
PRELIMINARY
NOT FOR
CONSTRUCTION

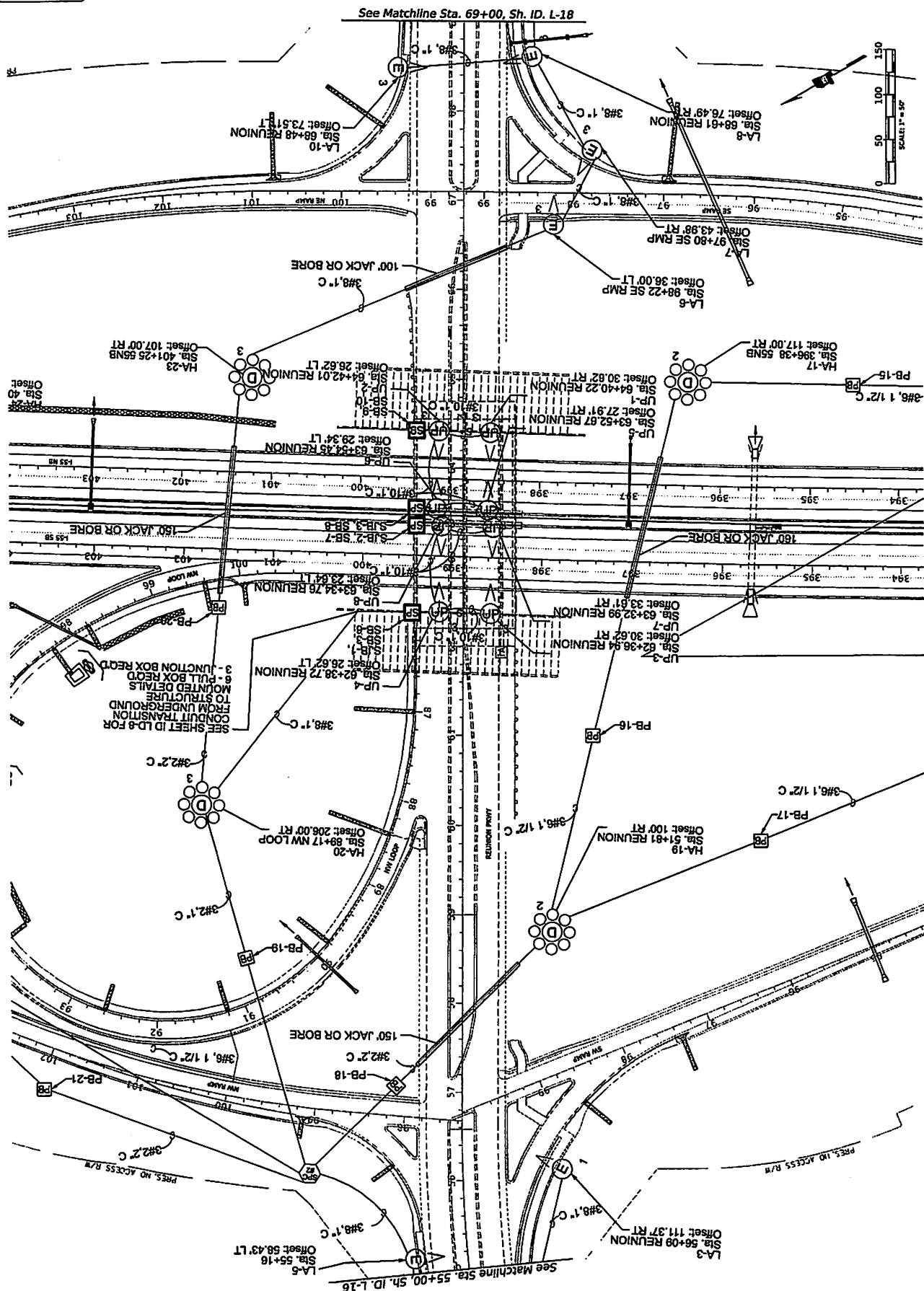
WOLFE
 ASSOCIATES, INC. OF MASSACHUSETTS

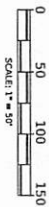
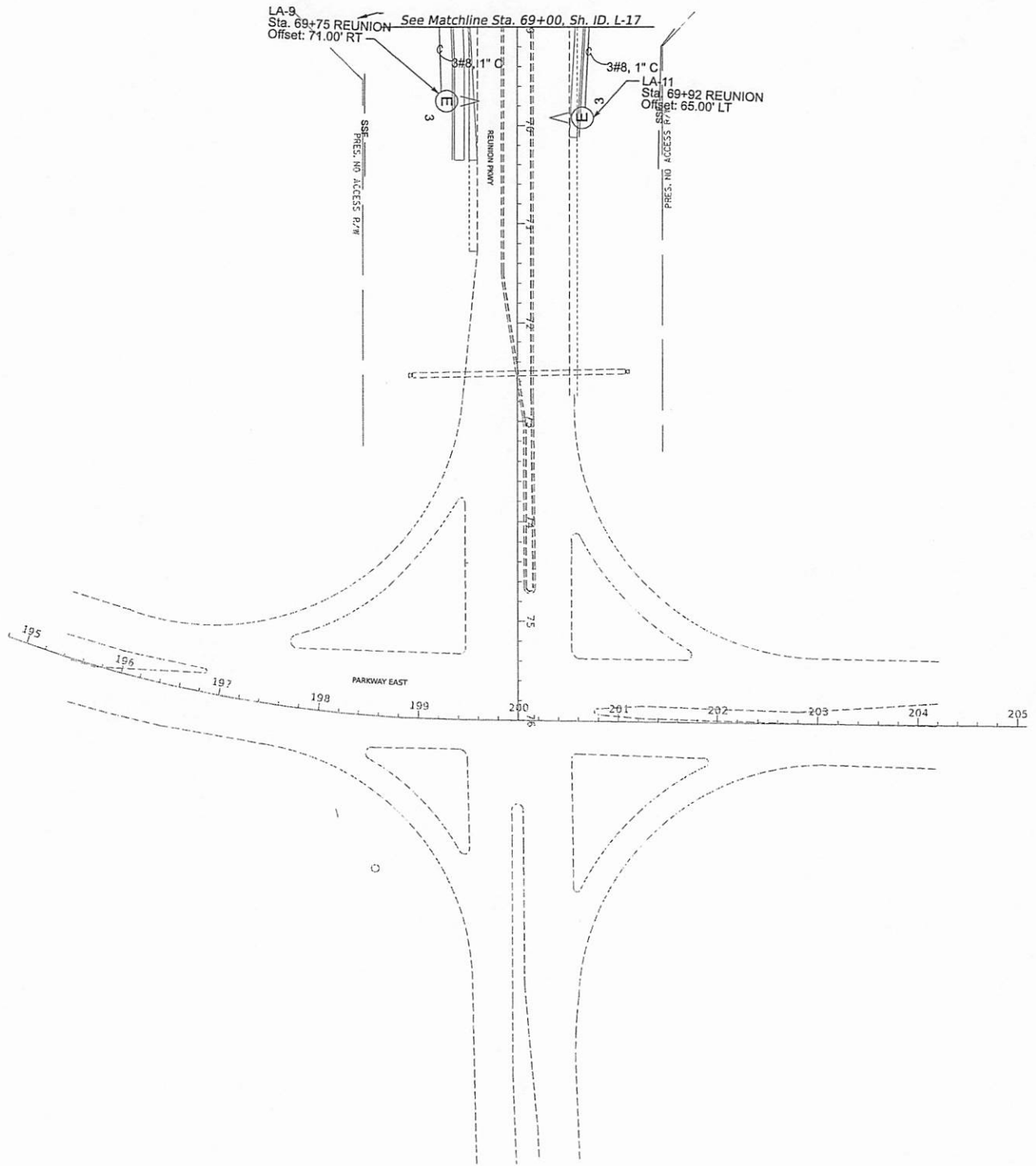
FMS CON: 108168/301000
PROJECT NO.: STP-0055-02
COUNTY: MADISON

SHEET ID
L-15

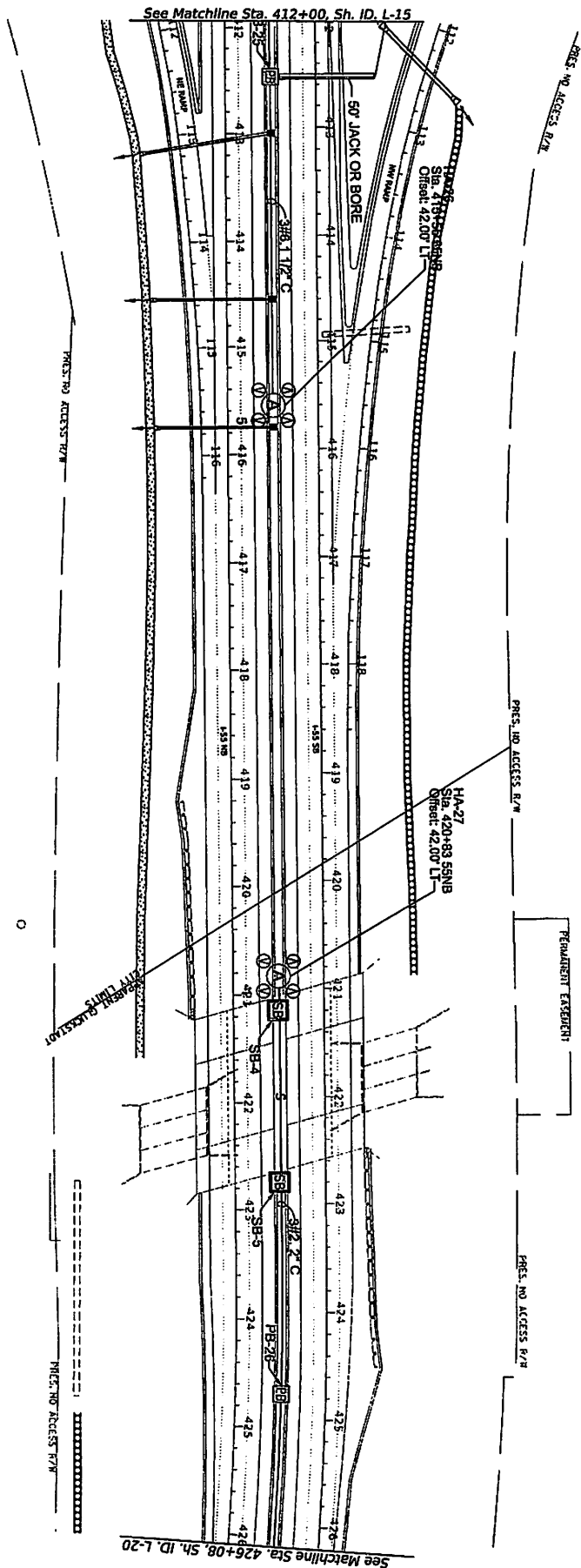
SHEET NO.
4016







SHEET NO. 4019	SHEET ID L-18	LIGHTING LAYOUT FINAL PLAN REUNION PRKWAY	FMS CON: 108168/301000	DESIGNED BY: NEEL-SCHAFER INC.	MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION	PRELIMINARY NOT FOR CONSTRUCTION
			PROJECT NO.: STP-0055-02(271)	DETAILED BY:		
			COUNTY: MADISON	CHECKED BY:		
				DATE:		



<p>LIGHTING LAYOUT FINAL PLAN I-55</p>	FMS CON: 108168/301000	DESIGNED BY: NEEL-SCHAFER INC	<p>MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION</p>
	PROJECT NO.: STP-0055-02(271)	DETAILED BY:	
	COUNTY: MADISON	CHECKED BY:	
		DATE:	

SHEET ID
L-19

SHEET NO.
4028

PRELIMINARY
NOT FOR
CONSTRUCTION