

## **OFFICE OF THE CITY ADMINISTRATOR**

May 8, 2024

Mr. Mitchell Young, P.E. State LPA Engineer 77-01 Mississippi Department of Transportation P.O. Box 1850 Jackson, MS 39215

## Re: STP-0250-00(053)LPA/108075-701000 Woodrow Wilson Drive Mill & Overlay w/Sidewalk Improvements City of Jackson, Hinds County

Mr. Young:

The City of Jackson respectfully requests the approval of the attached Addendum No. 2 and subsequent inclusion therewith of the approved and advertised Contract Documents for the above referenced project.

Sincerely,

Louis Wright Acting Project Director **Chief Accounting Officer** City of Jackson

Attachments

**Approved:** 

<u>Mitchell R Young</u> Mitchell Young, F.E.

**State LPA Engineer** 

200 South President Street | P.O. Box 17 Jackson, Mississippi 39205-0017 601-960-2313 | Fax: 601-960-2210

I (We) shall submit electronically with our proposal or deliver prior to the bid opening time a certified check, cashier's check or bid bond for <u>five percent (5%) of total bid</u> and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

I (We) hereby certify by conventional signature below of a paper bid submission, or by digital signature of an electronic submission via any authorized electronic submittal software, of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the \_\_\_\_\_\_. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the \_\_\_\_\_\_\_ to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the \_\_\_\_\_\_\_ election upon award. Failure to so execute at the request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO I								
ADDENDUM NO I	DATED	_ ADDENDUM NO DATED						
ADDENDUM NO. 2:		ADDENDA:agree with total addenda issued prior to opening of bids						
Contract Document Items - Replace Advertisement - Replace NTB No. 8 - Add NTB No 446LPA		Respectfully submitted, DATE:						
<ul> <li>Replace Table of Contents Pg</li> <li>Replace Section 905 Page 2 w this revised page dated 5/8/2024</li> </ul>	rith 4		ractor					
- Replace Section 905 Bid Shee	ets	TITLE:						
<u>Plan Items</u> - Replace Sheets 04-06, TS2 the - Replace Sheet 09 - SQS	ru TS4							
<ul><li>Add Sheets 19-21, PROP4, PI</li><li>Replace Sheet 26 - TC1</li></ul>	ROP5 and PM1							
- Add Sheet 6424 - CR-4 - Replace Sheets 6590-6593		FAX:						
ADDENDUM NO. 1:		EMAIL:						
<ul> <li>Replace NTB No. 7 with Revisio dated 4/17/2024</li> <li>Add NTB No. 8</li> <li>Replace Table of Contents Pg 1</li> <li>Replace Section 905 Page 2 with this revised page dated 4/17/2024</li> </ul>								

## **ADVERTISEMENT FOR BIDS**

## CITY OF JACKSON, HINDS COUNTY, MISSISSIPPI

## WOODROW WILSON AVENUE RESURFACING PROJECT Martin Luther King, Jr Drive to Mill Street Bridge

## Federal Aid Project Number: STP-0250-00(053)LPA/108075/701000

Sealed bids will be received by the City Council of the City of Jackson, Mississippi at the Office of the Municipal Clerk, 219 South President Street, P. O. Box 17, Jackson, Mississippi 39205 until **3:30 P.M.** (Local Time), **June 18, 2024**, for supplying all labor and materials (as specified)necessary for WOODROW WILSON AVENUE RESURFACING PROJECT Federal Aid ProjectNo. STP-0250-00(053)LPA/108075-701000, at which time said bids shall be opened and readaloud.

The work shall consist essentially of the following items:

Mill and overlay with sidewalk and ADA improvements, replacement of curb & gutter and island paving. All other related items of work required to complete the project as shown and specified in the Contract Documents.

The above general outline of features of the work does not in any way limit the responsibility of the Contractor to perform all work and furnish all plant, labor, equipment and materials required by the specifications and the drawings referred to therein.

Contract time shall be **150 working days** from the effective date shown in the Notice to Proceed. Liquidated damages will be assessed for each consecutive calendar day the Work has not achieved Final Completion. Liquidated Damages will be assessed in accordance with the Schedule of Deductions table in Section 108.07 of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction.

The City of Jackson hereby notifies all Bidders that it will affirmatively insure that in any Contract entered into pursuant to this advertisement, disadvantaged and women's business enterprises (DBE/WBE) will be afforded the full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. The award of this contract will be contingent upon the Bidder satisfying the DBE/WBE requirements as prescribed by the Contract Documents.

The attention of the bidders is directed to the Contract Documents governing selection and employment of labor. Minimum wage rates have been determined by the Secretary of Labor and are subject to Public Law 87-581, Work Hours Act of 1962, as set forth in the Contract Provisions.

The Proposal and Contract Documents in their entirety shall be submitted in a sealed envelope and deposited with the Municipal Clerk, prior to the hour and date above designated. Each Bidder must also deposit with his proposal, a Bid Bond or Certified Check in an amount equal to five percent (5%) of his bid, payable to the City of Jackson as bid security. No bidder may withdraw his bid within ninety (90) days after the date of the actual bid opening, without the City of

Jackson's consent. The successful bidder shall furnish a payment bond and performance bond each in the amount of 100% of the bid. Bidder shall also submit a current financial statement, if requested by the City.

Work to be performed shall be in accordance with the "Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2017", together with all amendments and/or special provisions and/or addenda to the standards duly approved and adopted, unless otherwise noted in these specifications. The attention of Bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

The Official Bid Documents can be downloaded from Central Bidding at <u>www.centralbidding.com</u>. Electronic Bids may be submitted at <u>www.centralbidding.com</u>. For any questions related to the electronic bidding process, please call Central Bidding at 225-810.4814.

Contract Drawings, Contract Specifications, and other Contract Documents are on file and open to public inspection in the office of the Engineering Division, Department of Public Works, Warren Hood Building, 4<sup>th</sup> floor, 200 S. President Street, Jackson, Mississippi, and at SOL Engineering Service, 340 Edgewood Terrace Drive, Jackson, Mississippi 39205. Copies of the Contract Documents, Contract Drawings and Contract Specifications may be procured Central Bidding at <u>www.centralbidding.com</u>, upon payment for each set, which will not be refunded.

The award of a Contract, if made, will be to the lowest and responsible qualified bidder whose proposal complies with all the requirements prescribed herein and in the Contract Documents. The City of Jackson reserves the right to reject any and all bids and to waive any informalities or irregularities therein.

Robert Lee, P.E. City Engineer

<u>Publications and Publishing Dates</u>: The Clarion Ledger & Mississippi Link Dates: April 18 and 25, 2024

## SECTION 904 - NOTICE TO BIDDER NO. 8

## DATE: 05/8/2024

## SUBJECT: Minutes to Pre-Bid Meeting held 6 May 2024

A Pre-Bid Meeting was held at 10:30 a.m. on Monday, 6 May 2024 to be held at the City of Jackson Public Works 5<sup>th</sup> Floor Conference Room at 200 President Street in Jackson, MS.

Attendees:

NAME	ORGANIZATION
Michael Brownlee	Southern Consultants
Art Agurnne	AJ Construction
Chris Newton	APAC-MS, Inc
Payton Spears	APAC-MS, Inc
Will Andrews	MDOT LPA Div
Amanda Clark	MDOT LPA Div
Andrew Heard	Hemphill Construction
Henry Chia	City of Jackson
Louis Wright	City of Jackson
John Triplett	SOL Engineering

John Triplett began the meeting at 10:30 with a brief introduction and statement of purpose.

The meeting followed the distributed agenda.

- 1. Notice To Bidders No. 5
  - Established Controlling Criteria

Discussion of Existing Paving Structure Sections as shown in the Plan Typical Sections; Discussion of Right of Way limitations and effects with no new right of way or easements acquired ADA and Safety Requirements affecting the design on the west end of the project sidewalk width and curb - Design Approach

Discussion of requirement for Contractor to establish survey and grade control for project and absence of profile in plans.

- 2. Notice To Bidders No. 7
  - Construction Phasing Considerations

Discussion of existing roadway sections and intersections to be receive improvements and consideration of the order of construction progress;

- The Contractor will submit a phasing and traffic control plan for review and approval to be made part of the contract
- 3. Right of Way Considerations and Effects

Discussion of sidewalk areas affected by right of way that cannot be altered from their existing state, and the grade separation with the proposed curb that will necessarily result.

4. Finished Grade Considerations

Discussion of plan areas for which form grades are given in order to repair subsidence and ponding

5. Adjoining Work

Signal Project Medgar-Evers Improvements

- 6. Other Items
  - Mention of 9% DBE goal
  - *Mention of time period between bid and expected notice to proceed date and interim activities of approvals and review.*

7. Plan Corrections, Additions, and Next Addendum

Discussion of items for next addendum, including anticipated plan sheet corrections and omissions, and possible new Notice to Bidders.

Following the discussion of the agenda, the floor was opened for questions and discussion. Mr. Heard of Hemphill Construction asked about the practical implementation of the proposed NTB 446LPA in consideration of the single lift thickness of the surface course on the east section of the project. Mr. Triplett of SOL Engineering replied that he would look into possibilities of how this might work.

The resolution for the above question is that the thickness of the above said lift has been increased to 3" to allow two lifts withing the specified thickness range. This is acknowledged by the revised Typical Section sheets (TS-2 thru TS-4) and the inclusion of a 12.5-mm, ST, Asphalt Pavement, Leveling pay item.

Mr. Heard also asked for clarification on the placement of the new curb and gutter with respect to the existing locations, specifically regarding any needed fill material between the new curb and the existing structure.

The response to the above question is that no fill material should be needed as the new curb should be formed adjoining the saw-cut existing structure.

With no further discussion, the meeting was adjourned at 10:30.

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## SECTION 904 - NOTICE TO BIDDERS NO. 446 LPA

CODE: (SP)

DATE: 11/1/2017

## SUBJECT: Traffic on Milled Surface

Bidders are hereby advised that when the main lanes of a roadway are fine milled, traffic will be allowed to run on a milled surfaces for up to five (5) calendar days. The Contractor will be assessed a penalty of \$5,000 per calendar day afterwards until the milled surfaces are covered with the next lift of asphalt. It shall be the Contractor's responsibility to ensure that the milling operations do not commence until such time as forecasted weather conditions are suitable enough to allow the placement of the asphalt pavement after the milling operations.

STP-0250-00(053)LPA/108075-701000 WOODROW WILSON DRIVE MILL AND OVERLAY

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## ADVERTISEMENT

## **NOTICE TO BIDDERS**

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1A LPA	Designated Owner and Engineer
2	Status of Right-of-Way
3	Final Cleanup
5	Control of Construction
7	Contractor's Traffic Control Plan
8	Pre-Bid Conference
28	Fuel and Material Adjustments
113	Tack Coat
445	Mississippi Agent or Qualified Nonresident Agent
446LPA	Traffic on Milled Surfaces
516	Errata and Modifications to the 2017 Standard Specifications
1225	Early Notice to Proceed
1226	Material Storage Under Bridges
1241	Fuel and Material Adjustments
1546	Advancement of Materials
2206	MASH Compliant Devices
2273	Mississippi Special Fuel Tax Law

# **Bid Schedule**

Project Number	STP-0250-00(053)LPA / 108075 - 701000
County	SUNIH
Project Description	City of Jackson - Woodrow Wilson Resurfacing from Martin Lut

I (We) agree to complete the entire project within the specified contract time.

# **\*\*\*SPECIAL NOTICE TO BIDDERS\*\*\***

# BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.

# BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATE LOCATED AT THE END OF THE BID SHEET IS SIGNED.

Line No.	Pay Item No.	Plan Quantity	Unit	Description	Unit Price	Item Total
10	202-A001	1	ട്	Removal of Obstructions	XXXXX	
20	202-B009	1,400	SΥ	Removal of Asphalt Pavement, Failed Areas		
30	202-B052	190	SY	Removal of Concrete Driveways, All Depths		
40	202-B059	1,960	SY	Removal of Concrete Median & Island Pavement, All Depths		
50	202-B076	500	SΥ	Removal of Concrete Pavement, Failed Areas		
60	202-B080	1,500	SΥ	Removal of Concrete Sidewalk		
70	202-B088	10,345	ц	Removal of Curb & Gutter, All Types		
80	202-B163	4	EA	Removal of Inlet Tops		
06	203-EX010	685	₽	Borrow Excavation, AH, FME, Class B17		
100	203-G001	930	Ъ	Excess Excavation, FM, AH		
110	209-A006	1,400	SY	Geotextile Stabilization, Type VI		
120	216-A001	140	SY	Solid Sodding		
130	219-A001	2,800	KGAL	Watering	20.00	\$56,000.00
140	237-A002	500	ц	Wattles, 20"		
150	304-G001	633	₽	Size 3/4" and Down Crushed Stone Base, AEA		
				OR		
160	304-G002	633	<u>ک</u>	Size 610 Crushed Stone Base, AEA		

Line No.	Pay Item No.	Plan Quantity	Unit	Description	Unit Price	Item Total
				OR		
170	304-G003	633	С	Size 825B Crushed Stone Base, AEA		
180	403-A003	7,600	TON	12.5-mm, ST, Asphalt Pavement		
190	403-B003	1,300	TON	12.5-mm, ST, Asphalt Pavement, Leveling		
200	403-B006	500	TON	19-mm, ST, Asphalt Pavement, Leveling		
210	406-A001	10,008	TON	Cold Milling of Bituminous Pavement, All Depths		
220	407-A001	3,790	GAL	Asphalt for Tack Coat		
230	413-E001	11,899	ц	Sawing and Sealing Transverse Joints in Asphalt Pavement		
240	501-A002	500	SΥ	8" Reinforced Cement Concrete Pavement, Broom Finish		
250	501-G001	1,271	EA	Dowels, Drilled and Installed		
260	503-C010	1,500	Ч	Saw Cut, Full Depth		
270	601-B001	10	С	Class "B" Structural Concrete, Minor Structures		
280	602-A001	5,000	LBS	Reinforcing Steel		
290	608-B001	1,400	SY	Concrete Sidewalk, With Reinforcement		
300	907-608-C001	406	SF	Detectable Warning Panels		
310	609-B005	3,182	ц	Concrete Curb, Special Design Header		
320	609-D001	7,560	Ŀ	Combination Concrete Curb and Gutter Type 1		
330	613-D009	58	EA	Adjustment of Utility Appurtenance		
340	614-B003	402	SΥ	Concrete Driveway, With Reinforcement, 6-inch Thickness		
350	616-A001	700	SY	Concrete Median and/or Island Pavement, 10-inch		
360	616-A004	3,042	SY	Concrete Median and/or Island Pavement, 4-inch		
370	618-A001	1	SJ	Maintenance of Traffic	XXXXX	
380	618-B001	1	SF	Additional Construction Signs	10.00	\$10.00
390	619-A1002	27,580	Ŀ	Temporary Traffic Stripe, Continuous White		
400	619-A2002	5,900	Ц	Temporary Traffic Stripe, Continuous Yellow		
410	619-A3002	4,254	ц	Temporary Traffic Stripe, Skip White		
420	619-A4001	1,215	ц	Temporary Traffic Stripe, Skip Yellow		
430	619-A5001	6,876	ц	Temporary Traffic Stripe, Detail		

Line No.	Pay Item No.	Plan Quantity	Unit	Description	Unit Price	Item Total
440	619-A6001	3,074	SF	Temporary Traffic Stripe, Legend		
450	619-F1001	1,200	Ŀ	Concrete Median Barrier, Precast		
460	619-F1006	1,200	5	Portable Median Barrier, Less Than or Equal to 45 MPH		
470	619-J1001	∞	EA	Impact Attenuator, 40 MPH		
480	619-J3001	∞	EA	Remove and Reset Impact Attenuator		
490	620-A001	1	SJ	Mobilization	XXXXX	
500	907-626-A002	9,786	5	4" Thermoplastic Traffic Stripe, Skip White		
510	907-626-B001	7,771	5	4" Thermoplastic Traffic Stripe, Continuous White		
520	907-626-D001	2,367	Ŀ	4" Thermoplastic Traffic Stripe, Skip Yellow		
530	907-626-E001	6,284	ц	4" Thermoplastic Traffic Stripe, Continuous Yellow		
540	907-626-G001	2,855	5	Thermoplastic Detail Stripe, White, 4" Equivalent Length		
550	907-626-G002	216	5	Thermoplastic Detail Stripe, Yellow, 4" Equivalent Length		
560	907-626-H004	6,792	Ŀ	Thermoplastic Legend, White, 4" Equivalent Length		
570	907-626-H005	712	SF	Thermoplastic Legend, White, 4" Equivalent Length		
580	627-K001	320	EA	Red-Clear Reflective High Performance Raised Markers		
590	627-L001	361	EA	Two-Way Yellow Reflective High Performance Raised Markers		
600	630-C003	100	5	Steel U-Section Posts, 3.0 lb/ft		
610	907-630-0006	5	EA	Remove and Reset Signs, Ground Mounted		
620	630-A001	28	SF	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness		
630	630-A003	64	SF	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness		
640	907-632-C001		EA	Modify Existing Traffic Signal Cabinet Assembly		
650	907-632-D001		EA	Solid State Traffic Actuated Controller, Type 1		
660	907-634-A545		EA	Traffic Signal Equipment Pole, Type VI, 8' Shaft		
670	907-634-C001		Ъ	Pole Foundations, Class "B" Concrete		
680	907-636-B014	1,500	5	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor		

Line No.	Pay Item No.	Plan Quantity	Unit	Description	Unit Price	Item Total
069	907-641-A002	4	EA	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2		
700	907-641-D001	750	Ľ	Radar Vehicle Detection Cable		
710	907-645-B001	6	EA	Accessible Pedestrian Detection Assembly		
720	686-A001	1	EA	Relocation of Existing Lighting Assemblies		
730	699-A001	1	LS	Roadway Construction Stakes	XXXXX	
					Total Bid Amount	nt

\_ percent shall be expended with small business concerns owned and controlled by socially and economically 1. I/We agree that no less than \_\_\_\_\_ pedisadvantaged individuals (DBE and WBE).

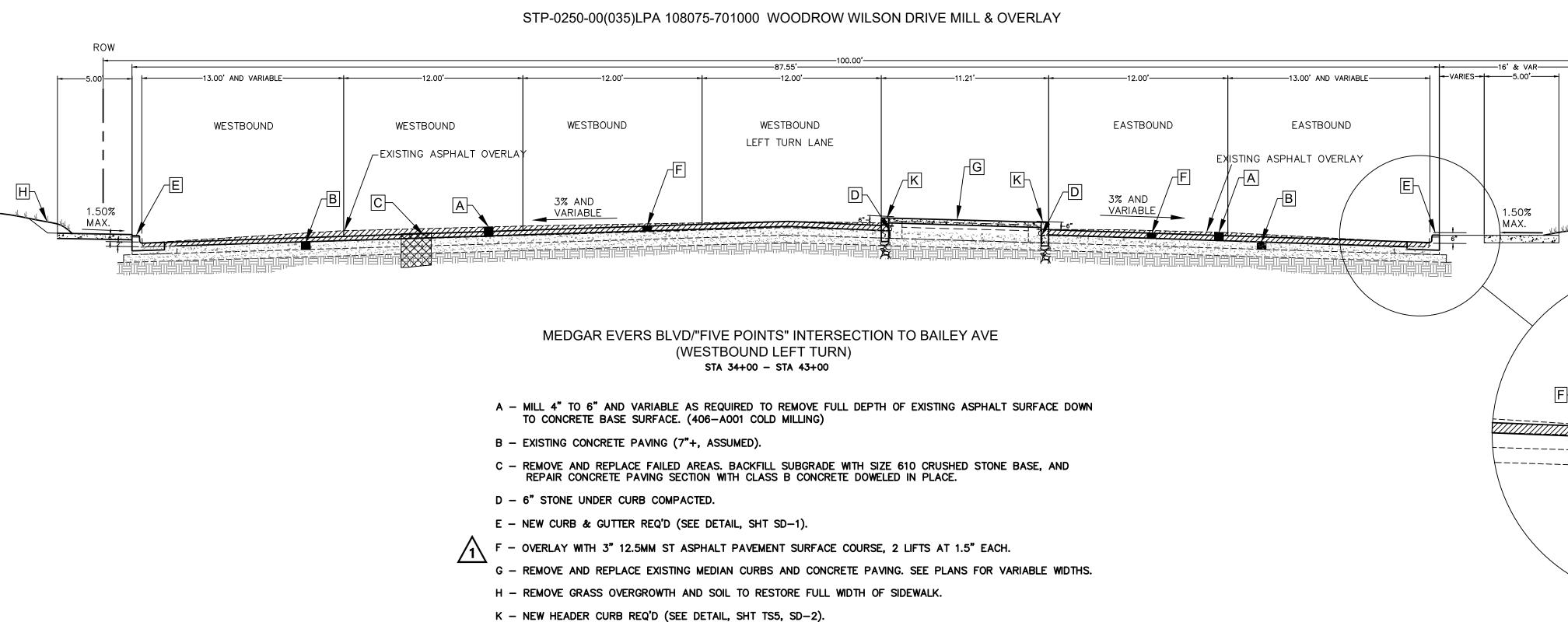
Small Business(WBE) Small Business (DBE) 2. Classification of Bidder:

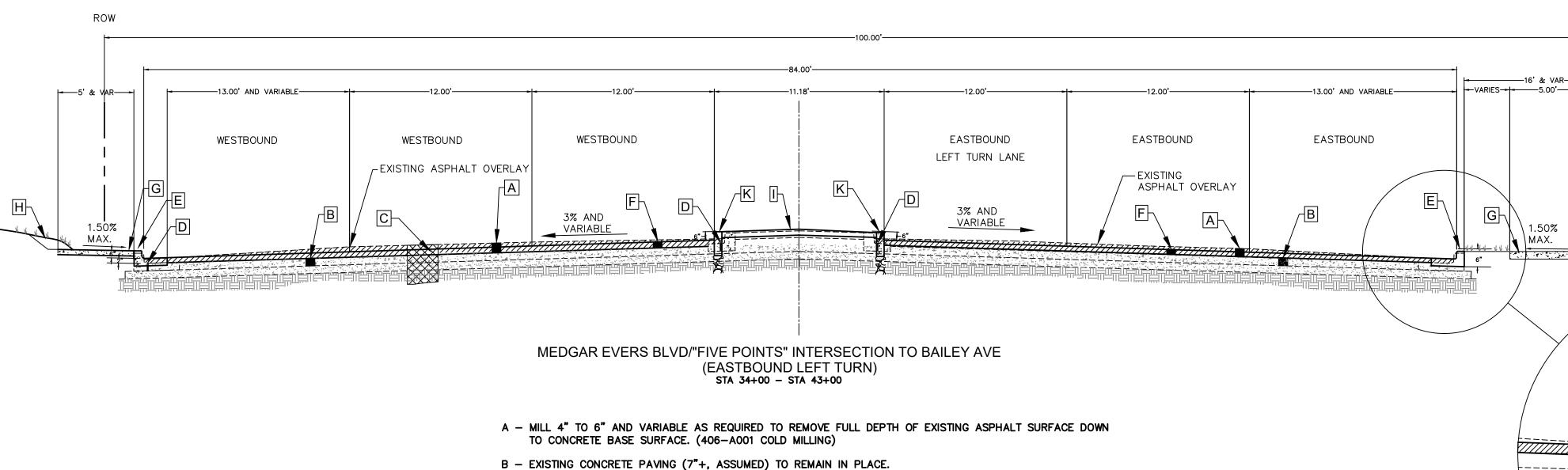
3. A joint venture with a Small Business (DBE/WBE): YES

\*\*\* SIGNATURE STATEMENT \*\*\*

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFY THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

**BIDDER'S SIGNATURE** 





- D 6" STONE UNDER CURB COMPACTED.

C - REMOVE AND REPLACE FAILED AREAS. BACKFILL SUBGRADE WITH SIZE 610 CRUSHED STONE BASE, AND REPAIR CONCRETE PAVING SECTION WITH CLASS B CONCRETE DOWELED IN PLACE.

E - NEW CURB & GUTTER REQ'D (SEE DETAIL, SHT SD-1).

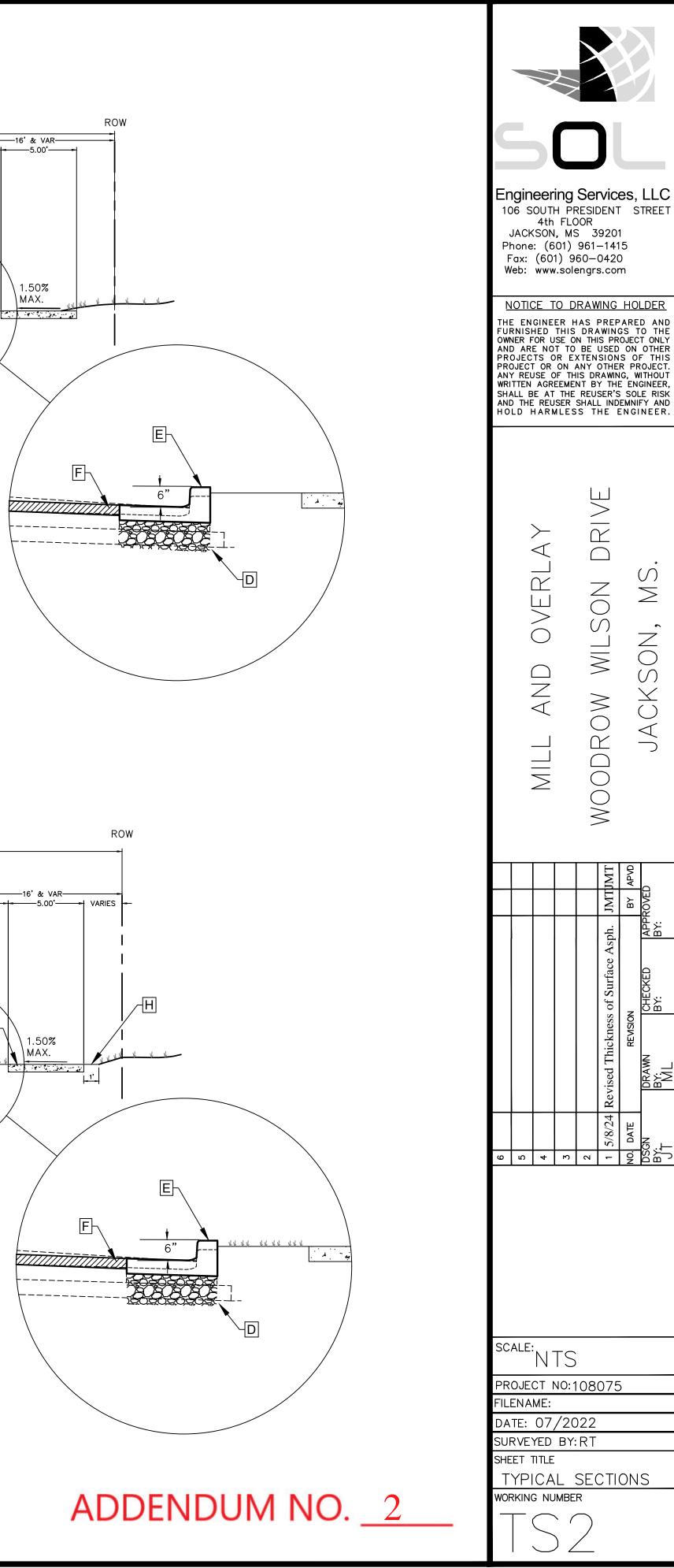
F - OVERLAY WITH 3" 12.5MM ST ASPHALT PAVEMENT SURFACE COURSE, 2 LIFTS AT 1.5" EACH.

G - REMOVE AND REPLACE FAILED OR UNSERVICEABLE SIDEWALK AS REQUIRED TO MEET ADA REQUIREMENTS. (SEE DETAIL SHEET TS3)(1.5% MAX. CROSS SLOPE) (INTERSECTION RAMPS NORTH SIDE ONLY)

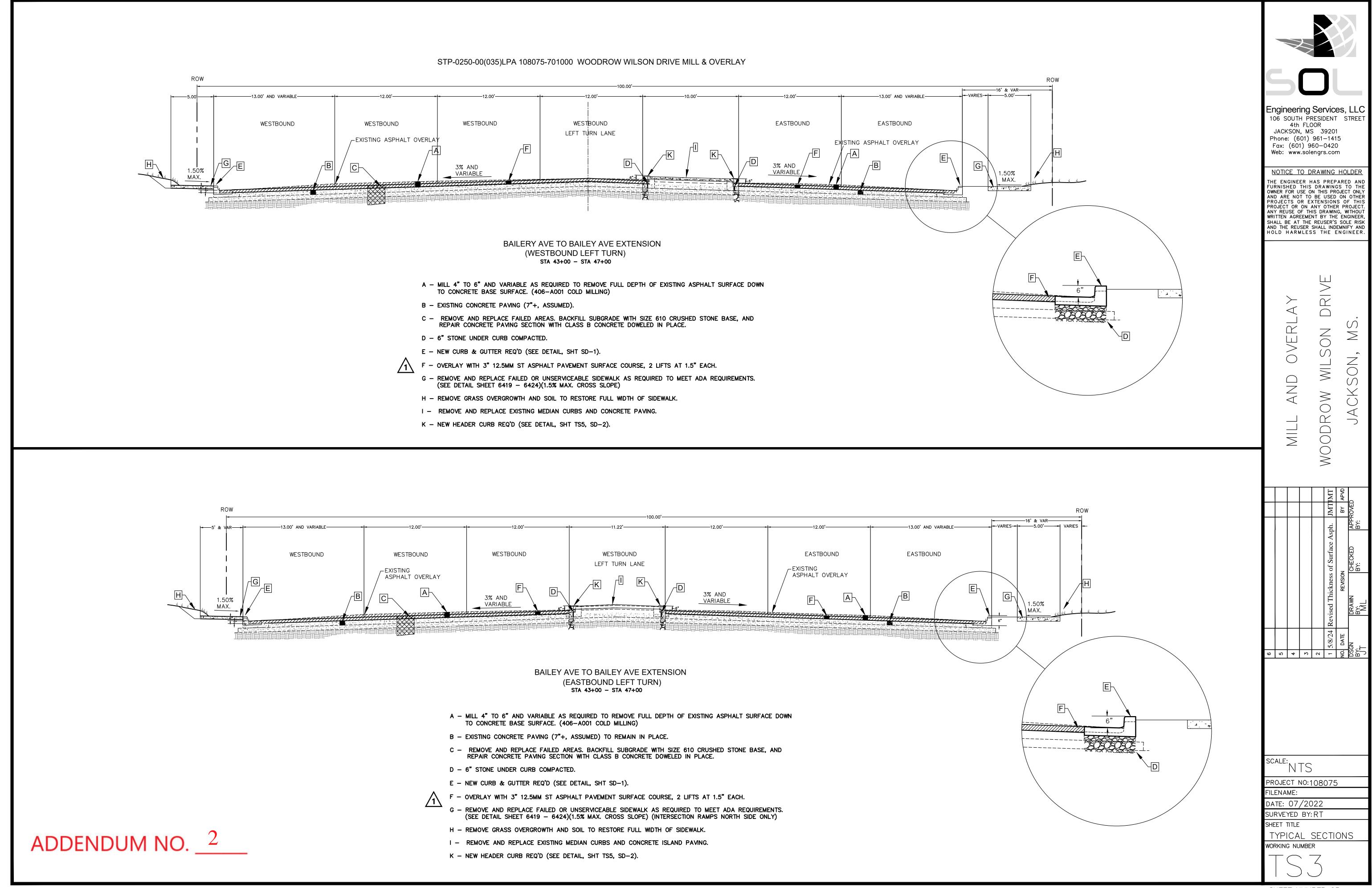
H - REMOVE GRASS OVERGROWTH AND SOIL TO RESTORE FULL WIDTH OF SIDEWALK.

I - REMOVE AND REPLACE EXISTING MEDIAN CURBS AND CONCRETE ISLAND PAVING.

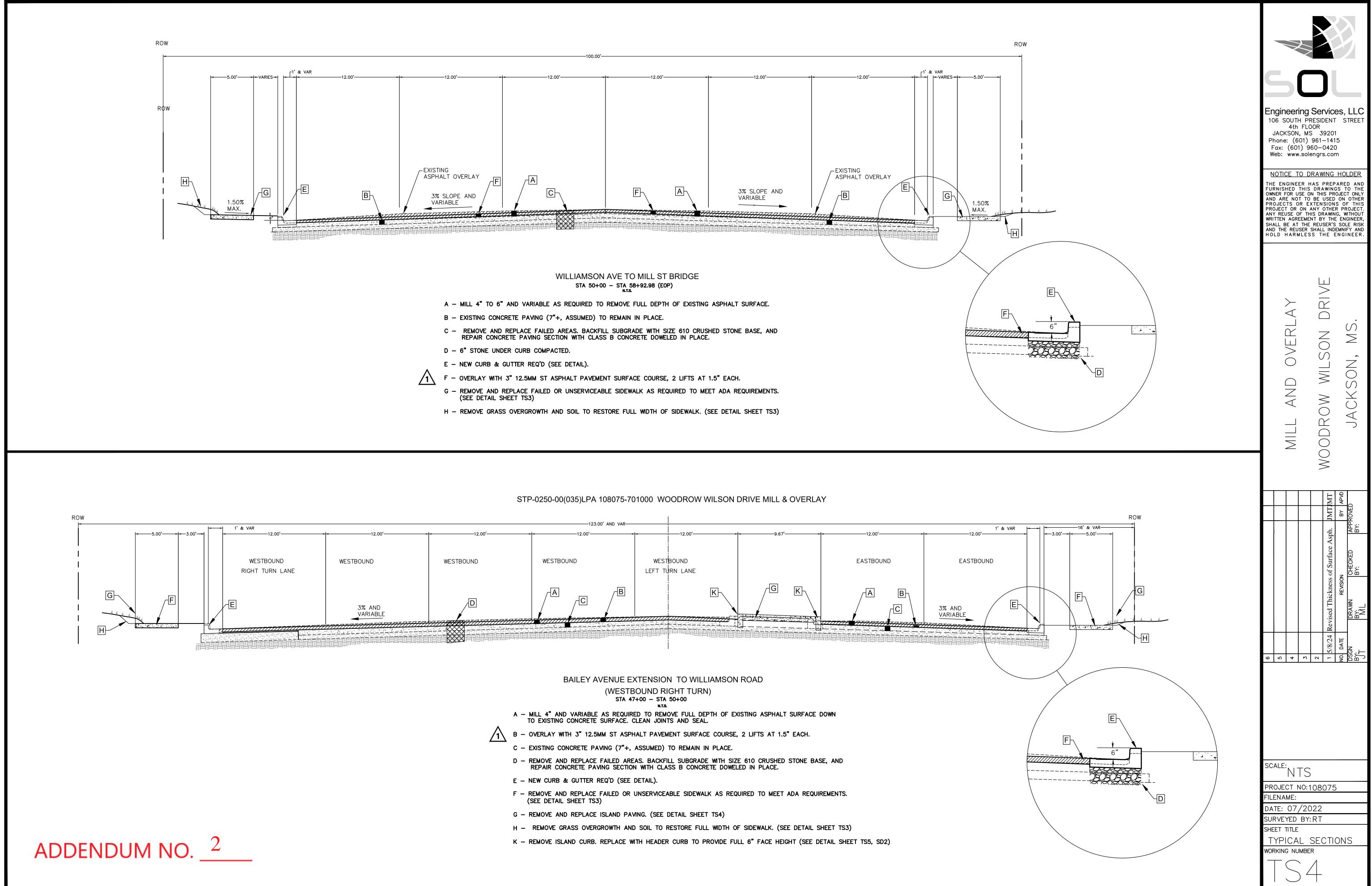
K - NEW HEADER CURB REQ'D (SEE DETAIL, SHT TS5, SD-2).



SHEET NUMBER 04



SHEET NUMBER 05



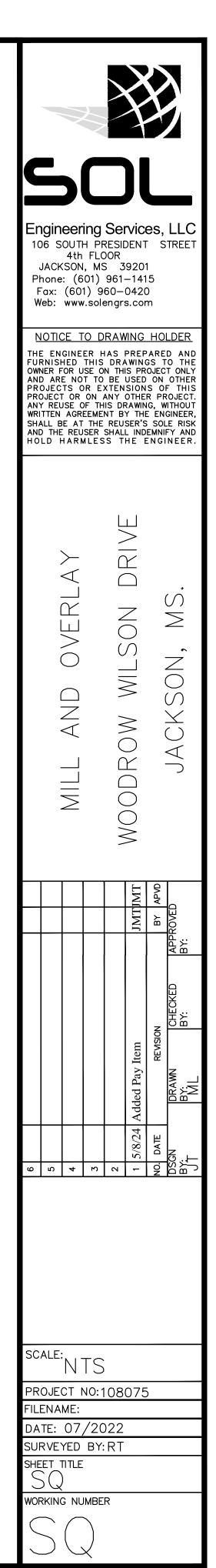
SHEET NUMBER 06

PAY ITEM NO.			HINDS : 108075-701000
PAT ITEM NO.	PAY ITEM		Prelim Final
202-A001	Removal of Obstructions	LS	1
202-B009	Removal of Asphalt Pavement, Failed Areas	SY	1,400
202-B052	Removal of Concrete Driveways, All Depths	SY	190
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	1,960
202-B076	Removal of Concrete Pavement, Failed Areas	SY	500
202-В080	Removal of Concrete Sidewalk	SY	1,500
202-B088	Removal of Curb & Gutter, All Types	LF	10,345
202-B163	Removal of Inlet Tops	EA	4
203-EX010	Borrow Excavation, AH, FME, Class B17	CY	685
203-G001	Excess Excavation, FM, AH	CY	930
209-A006	Geotextile Stabilization, Type VI	SY	1,400
216-A001	Solid Sodding	SY	140
219-A001	Watering	KGAL	2,800
237-A002	Wattles, 20"	LF	500
304-G001	Size 3/4" and Down Crushed Stone Base, AEA OR	CY	633
304-G002	Size 610 Crushed Stone Base, AEA	CY	633
304-G003	OR Size 825B Crushed Stone Base, AEA	CY	633
403-A003	12.5-mm, ST, Asphalt Pavement	TON	7,600
403-B003	12.5-mm, ST, Asphalt Pavement, Leveling	TON	1,300
403-B006	19-mm, ST, Asphalt Pavement, Leveling	TON	500
406-A001	Cold Milling of Bituminous Pavement, All Depths	TON	10,008
407-A001	Asphalt for Tack Coat	GAL	3,790
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	11,899
501-A002	8" Reinforced Cement Concrete Pavement, Broom Finish	SY	500
501-G001	Dowels, Drilled and Installed	EA	1,271
503-C010	Saw Cut, Full Depth	LF	1,500
601-B001	Class "B" Structural Concrete, Minor Structures	CY	10
602-A001	Reinforcing Steel	LBS	5,000
608-B001	Concrete Sidewalk, With Reinforcement	SY	1,400
907-608-C001	Detectable Warning Panels	SF	406
609-B005	Concrete Curb, Special Design Header	LF	3,182
609-D001	Combination Concrete Curb and Gutter Type 1	LF	7,560
613-D009	Adjustment of Utility Appurtenance	EA	58
614-B003	Concrete Driveway, With Reinforcement, 6-inch Thickness	SY	402
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	700
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	3,042
618-A001	Maintenance of Traffic	LS	

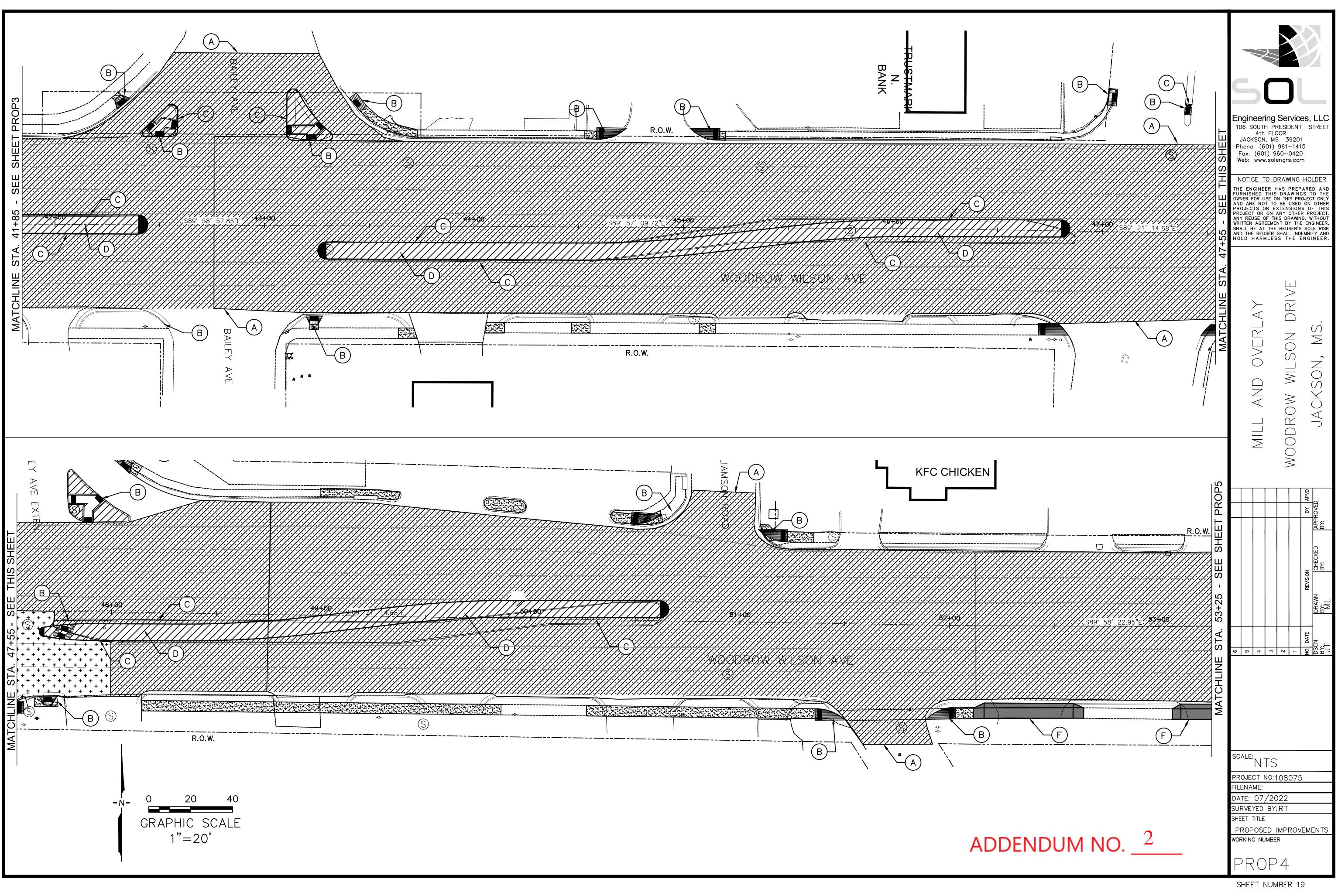
- ① Southeast corner of Martin Luther King, Jr Drive intersection, concrete footings and bases.
- ② Includes reconstruction section between Lily and Brown Streets and base for Curb & Gutter Items
- ③ Includes reconstruction section between
- 4 Adjustment of manhole and water valve covers as required.

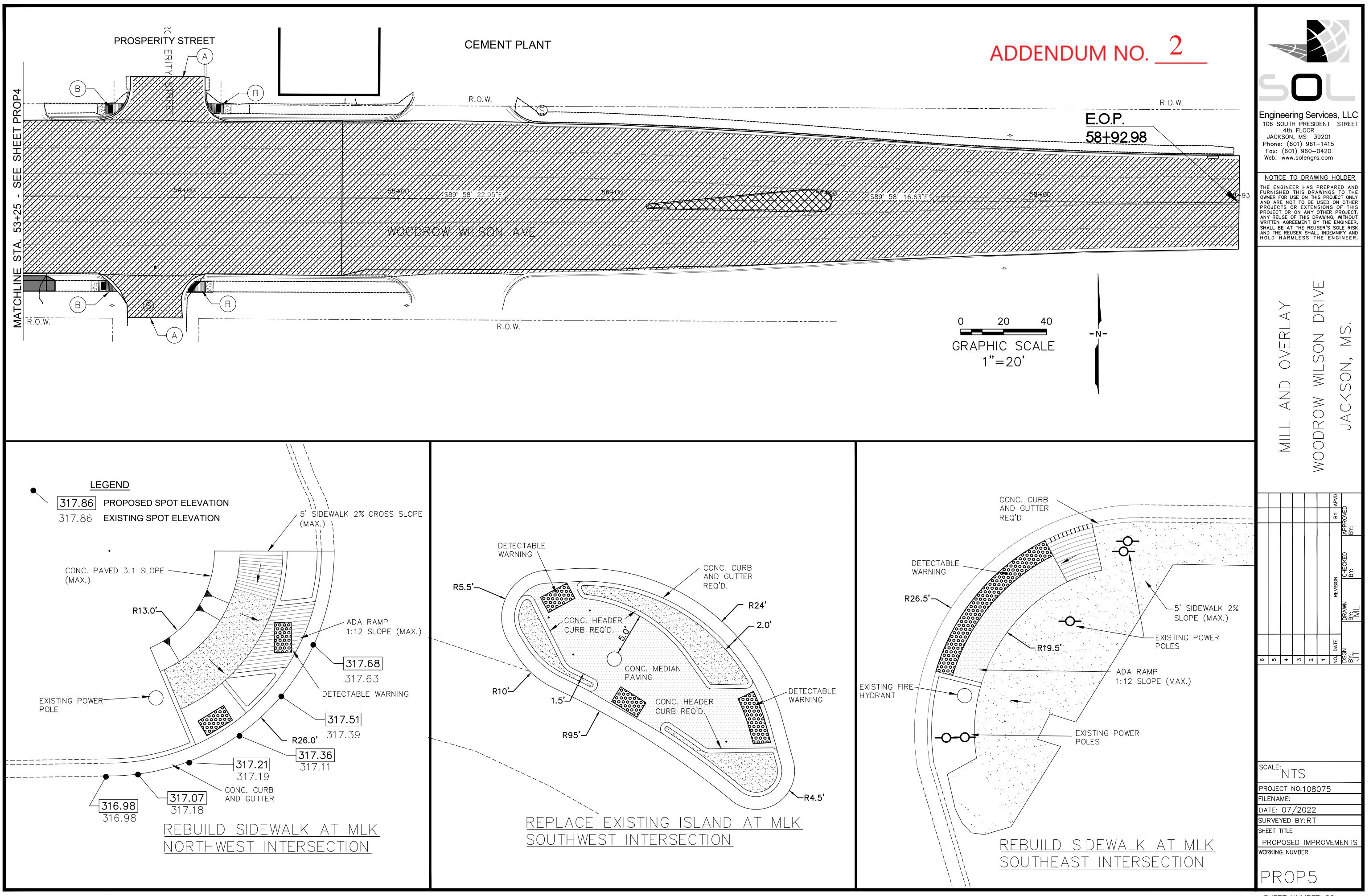
	SUMMARY OF QUANTITIES (SHEET 2)							
PAY ITEM NO.	PAY ITEM		HINDS : 108075-70100 Prelim Fina					
618-B001	Additional Construction SignsSF1Temporary Traffic Stripe, Continuous WhiteLF27,580Temporary Traffic Stripe, Continuous YellowLF5,900							
619-A1002	Temporary Traffic Stripe, Continuous WhiteLF27,580Temporary Traffic Stripe, Continuous YellowLF5,900							
619-A2002	Temporary Traffic Stripe, Continuous YellowLF5,900Temporary Traffic Stripe, Skip WhiteLF4,254							
619-A3002	02Temporary Traffic Stripe, Skip WhiteLF4,25401Temporary Traffic Stripe, Skip YellowLF1,215							
519-A4001	9-A4001Temporary Traffic Stripe, Skip YellowLF9-A5001Temporary Traffic Stripe, DetailLF							
519-A5001		LF	6,876					
519-A6001	Temporary Traffic Stripe, Legend	SF	3,074					
519-F1001	Concrete Median Barrier, Precast	LF	1,200					
519-F1006	Portable Median Barrier, Less Than or Equal to 45 MPH	LF	1,200					
519-J1001	Impact Attenuator, 40 MPH	EA	8					
519-J3001	Remove and Reset Impact Attenuator	EA	8					
520-A001	Mobilization	LS	1					
907-626-A002	4" Thermoplastic Traffic Stripe, Skip White	LF	9,786					
907-626-B001	4" Thermoplastic Traffic Stripe, Continuous White	LF	7,771					
07-626-D001	4" Thermoplastic Traffic Stripe, Skip Yellow	LF	2,367					
907-626-E001	4" Thermoplastic Traffic Stripe, Continuous Yellow	LF	6,284					
907-626-G001	Thermoplastic Detail Stripe, White, 4" Equivalent Length	LF	2,855					
907-626-G002	Thermoplastic Detail Stripe, Yellow, 4" Equivalent Length	LF	216					
907-626-H004	Thermoplastic Legend, White, 4" Equivalent Length	LF	6,792					
907-626-H005	Thermoplastic Legend, White, 4" Equivalent Length	SF	712					
527-K001	Red-Clear Reflective High Performance Raised Markers	EA	320					
527-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	361					
530-C003	Steel U-Section Posts, 3.0 lb/ft		100					
907-630-0006	Remove and Reset Signs, Ground Mounted	EA	5					
07-050-0000			5					
530-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	28					
530-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	64					
07-632-C001	Modify Existing Traffic Signal Cabinet Assembly	EA	1					
07-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	1					
07-634-A545	Traffic Signal Equipment Pole, Type VI, 8' Shaft	EA	1					
07-634-C001	Pole Foundations, Class "B" Concrete	CY	1					
07-636-B014	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	1,500					
07-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	4					
07-641-D001	Radar Vehicle Detection Cable	LF	750					
07-645-B001	Accessible Pedestrian Detection Assembly	EA	9					
586-A001	Relocation of Existing Lighting Assemblies	EA	1					
599-A001	Roadway Construction Stakes	LS	1					



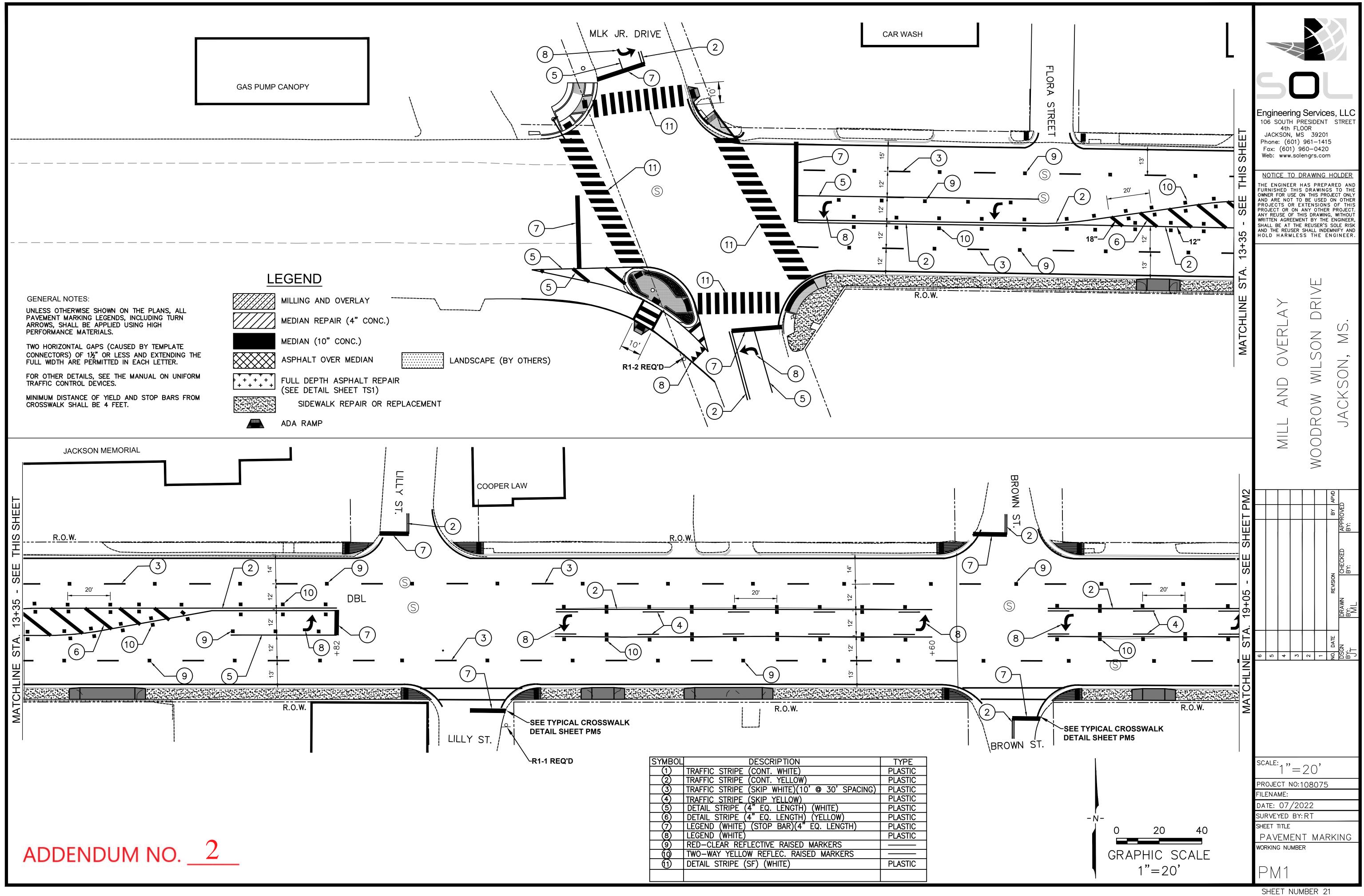


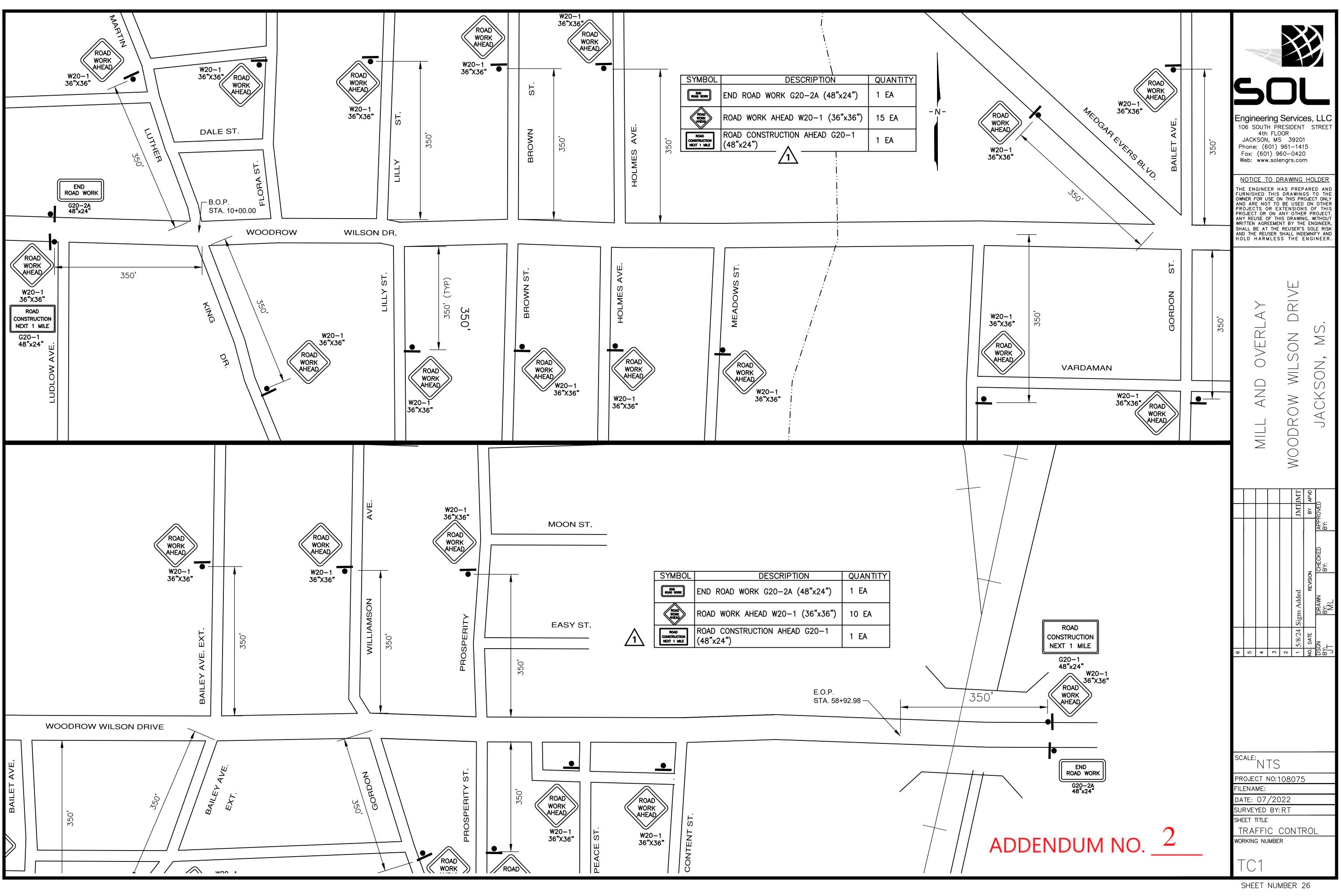
SHEET NUMBER 09

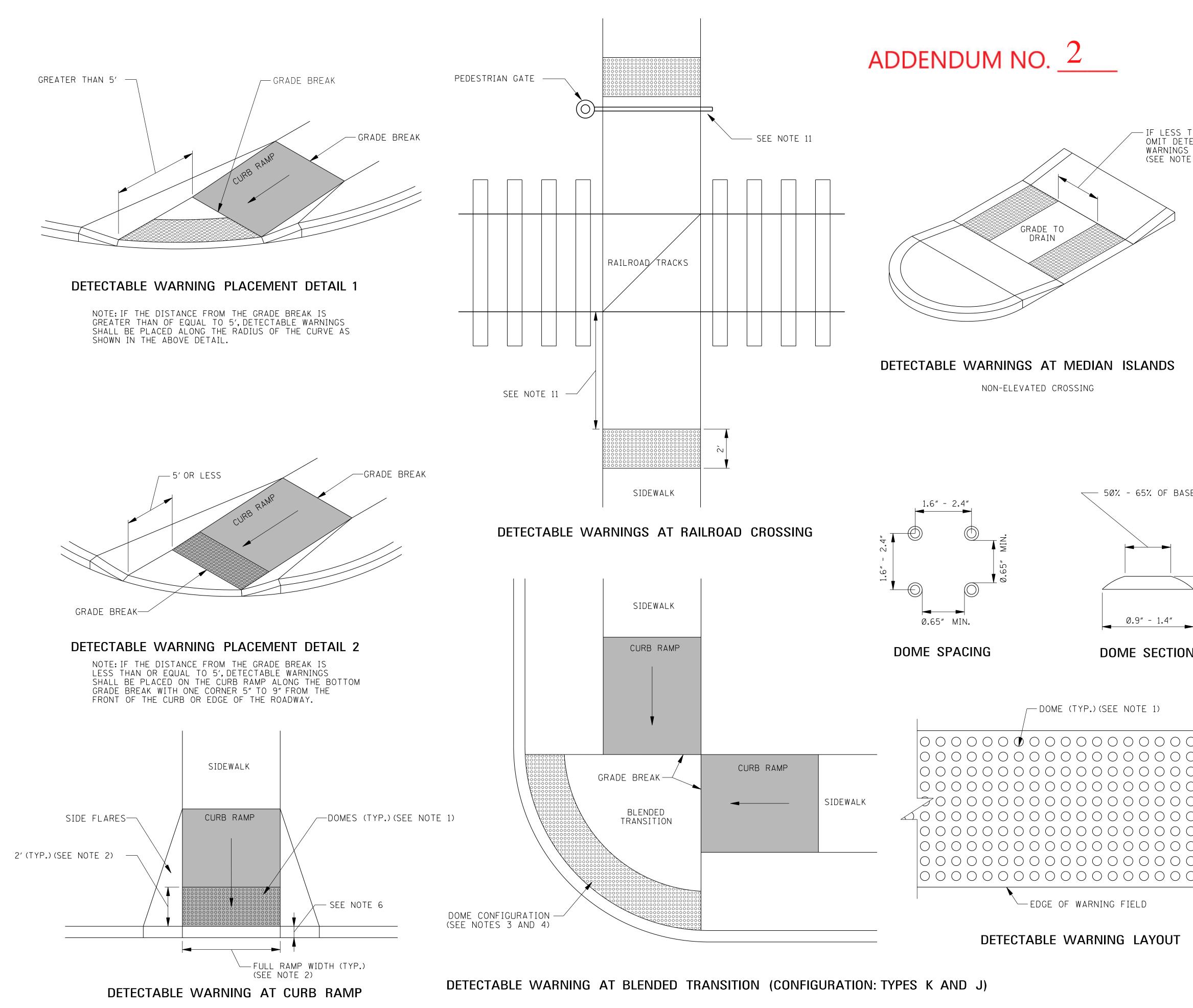




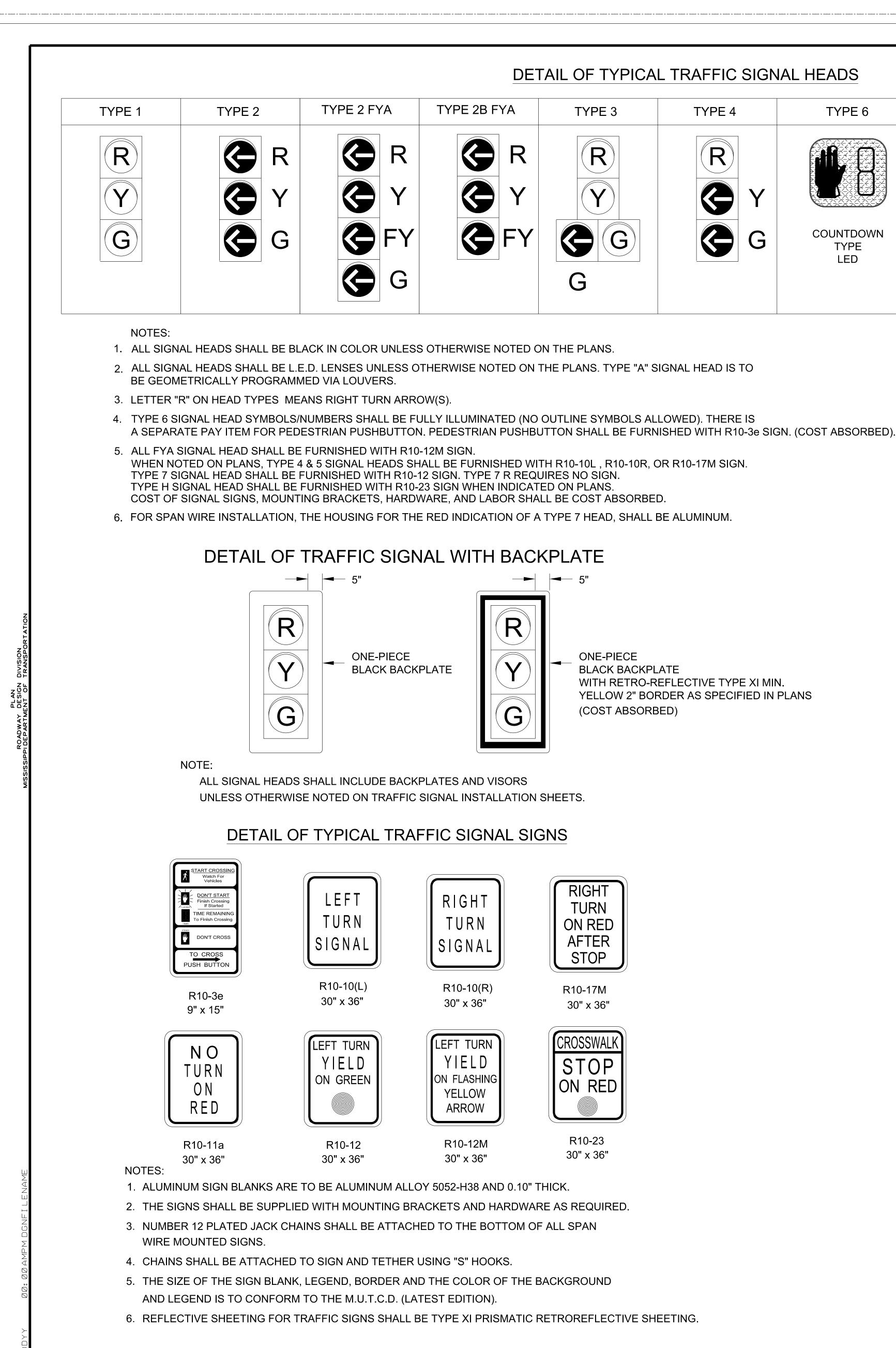
SHEET NUMBER 20



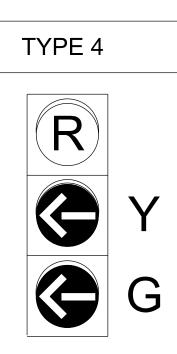


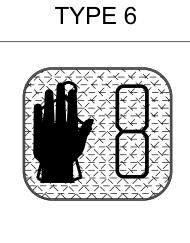


								STATE	E	PROJ	ECT	NO.
GEN	ERAI	L NOTES:						MISS.	•			
	1.	THE DETAIL DEPICTED ( LEVEL SURF	ON THE [	DETECTAB	BLE WARN	NING UN	IT (THE					
	2.	ALL DETEC SQUARE FEI							BE	paid f	OR -	PER
	DE	TECTABLE W	ARNING	UNIT DIM	ENSIONS	, • •						
THAN 2'-Ø" ECTABLE E 9)	3.	DETECTABLI OF PEDESTE DETECTABLI RAMP RUN SPACE. AT STREET OR OF THE CRO DETECTABLI PUBLIC USE AT SIDEWAI DETECTABLI TRANSIT S	RIAN TR E WARNI (EXCLUD PEDEST HIGHWA DSSING. E WARNI E AREAS _K OR S E WARNI	AVEL. AT NG SURFA ING ANY RIAN AT- Y, DETECT AT BOAR NG SURFA OF THE TREET LE	CURB F ACES SHA FLARED GRADE F ABLE W DING PL ACES SHA PLATFOF EVEL TRA	RAMPS A All Ext SIDES), Rail CRC Arnings Arform All Ext RM. At Ansit S	ND BLE END TH BLENDE DSSINGS S SHALL S FOR END TH BOARDI TOPS F	ENDED TF HE FULL ED TRANS S NOT LO EXTEND BUSES A HE FULL NG AND FOR RAIL	RANS WID SITI( OCA ) TH ND LEN ALI( VE	SITIONS TH OF ON, OR TED WI IE FULL RAIL V GTH OF GHTING HICLES	THE TURNI THIN WIDI EHICL THE AREA	ING A TH ES,
	DON	ME ALIGNMEN	NT:									
	4.	THE ROWS ( TO THE GR/ AND THE ST	ADE BRE									
	5.	WHERE DOMI AND CENTER SHEET.										ĒR
		OR REQUIRE										
		DETECTABLI GUTTER, ST LIGHT-ON-D	REET OF ARK OR	≀ HIGHWA` Dark-on	Y,OR PE -LIGHT.							
		TECTABLE W				<b>FD</b> F <b>T</b> ''-			POT			
SE DIAMETER	7.	ON PERPENI BREAK ARE SHALL BE F GRADE BREA EITHER END LESS, DETEC WITHIN ONE OF THE BO DISTANCE F CURB IS MO ON THE LO	IN FROM PLACED AK ARE OF THE CTABLE DOME S TTOM GF FROM EI ORE THA	NT OF TH AT THE E BEHIND T E BOTTOM WARNING SPACING RADE BRE THER END N 5', DET	E BÁCK BACK OF HE BACK I GRADE SURFACI OF THE AK ARE OF THE ECTABLE	OF CUR CURB. COF CUE BREAK ES SHAL BOTTOM BEHIND E BOTTO WARNIN	B,DETE WHERE RB AND TO THE LL BE F GRADE GRADE THE BA M GRAI NG SUR	ECTABLE THE END ) THE DIS E BACK ( PLACED C E BREAK. ACK OF C DE BREAK	WAF SOSTAL DF( DF( )NT WH CURE KT(	RNING S F THE NCE FR CURB IS HE RAN ERE TH 3 AND 0 THE	SURFA BOTT OM S 5' OI MP RU IE ENE THE BACK	OM R IN DS OF
	8.	ON PARALL ON THE TU AND SIDEW	EL CURB RNING SI	RAMPS, I	DETECTA	BLE WAR	RNING S					CED
<b>\</b>	9.	ON BLENDER AT THE BA DEPRESSED PROVIDED, I TRANSITION	D TRANS CK OF C CORNER DETECTA	URB. WHE S, OR OTH BLE WARN	ERE RAIS HER LEV NING SUF	SED PEDE EL PEDE RFACES	ESTRIAI STRIAN SHALL	N STREE' N STREET BE PLAC	T C CF	ROSSIN ROSSIN(	GS, SS ARI	E
0.2	1Ø.	AT CUT-TH SURFACES SHALL BE S DETECTABLI	SHALL B SEPARAT	E PLACED ED BY A	) AT TH	e edges	OF TH	HE PEDES	STRI	AN ISL	AND A	AND
N	11.	AT PEDEST OR HIGHWAY SIDE OF TH SURFACE NI MAXIMUM F GATES ARE THE SIDE C	Y,DETEC HE RAIL Earest Rom The Provid	TABLE WA CROSSING THE RAIL E CENTER ED, DETEC	ARNING S G. THE E CROSSI LINE OF CTABLE N	SURFACE EDGE OF ING SHAL THE NE WARNING	S SHAL THE D LL BE AREST SURFA	L BE PL ETECTAB 6' MINIMU RAIL. W	ACE LE JM /HER	D ON E Warnin And 15 E Pede	EACH G '	۸N
	12.	AT BOARDII Warning Si Platform.										
24 <sup>*</sup> 24 <sup>*</sup>	13.		TOPS FO AT THE	R RAIL V	'EHICLES	, DETEC	TABLE	WARNING	SUI	RFACES	SHAL	
		B	MISS	ISSIPPI	ROAD		ESIGN	DIVISI		PORT	'ATI(	ON
		REVISION		DETE			ARN				<b>VID</b> Isseptidepartment of ING NU CR - 4	
	F	DATE		DATE:_	AL	IGUST	<u>Ø1, 2</u> Ø	17		SHE	et nun 6424	/BER
				<u> </u>							_	



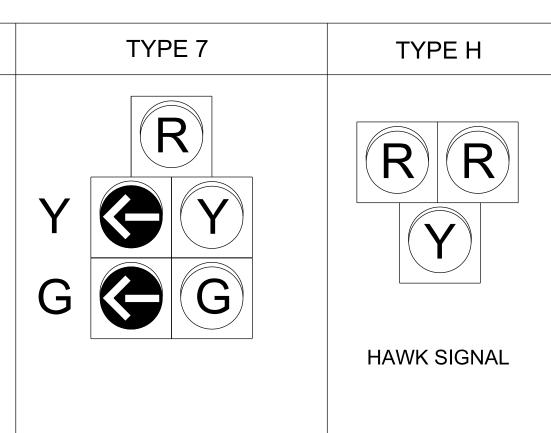
# DETAIL OF TYPICAL TRAFFIC SIGNAL HEADS





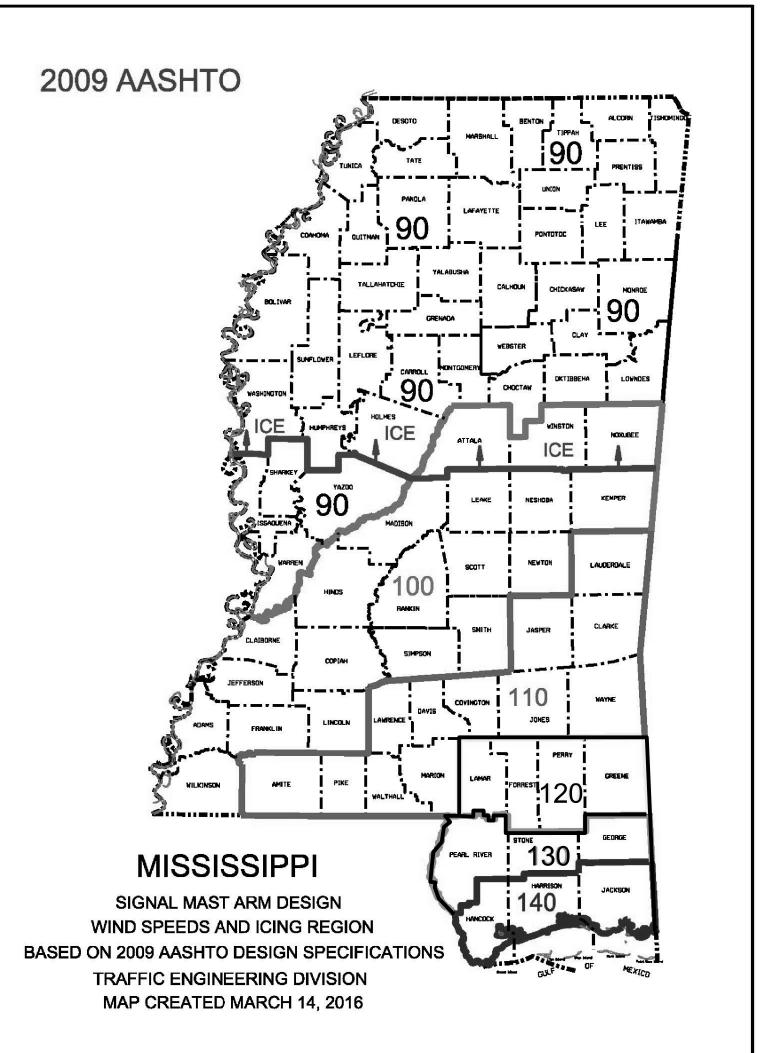
COUNTDOWN TYPE LED

- BLACK BACKPLATE
- WITH RETRO-REFLECTIVE TYPE XI MIN. YELLOW 2" BORDER AS SPECIFIED IN PLANS
- (COST ABSORBED)



# SIGNAL PLAN LEGEND

<b>₩</b> 1	SIGNAL HEAD REQUIRED / TYPE
( <u>6</u> ) H	PEDESTRAIN HEAD REQUIRED
-"	EXISTING SIGNAL HEAD
-	SIGN
OR 🗆	VEHICLE LOOP DETECTOR
	QUADRAPOLE VEHICLE LOOP DETECTOR
$\boxed{1}$	VEHICLE LOOP DETECTOR NUMBER
(M)	WIRELESS MAGNETOMETER SENSOR
	BASE MOUNTED CABINET FOR SIGNAL CONTROLLER
	POLE MOUNTED CABINET FOR SIGNAL CONTROLLER
$\bigcirc$	EXISTING POLE
•	POLE REQUIRED
$\bigcirc$	NEW PEDESTAL POLE
	MAST ARM POLE REQUIRED
	EXISTING PULLBOX PULLBOX REQUIRED
2 OR	(TYPE SPECIFIED ON PLAN SHEETS)
>	RADAR DETECTOR (RD)
	VIDEO DETECTOR (VD)
	MULTI SENSOR DETECTOR (MS)
-0	OPTICAL DETECTOR UNIT
••••••	CONDUIT ROLL PIPE
	LUMINAIRE
<b>C+C</b>	DECORATIVE LUMINAIRE
	GROUND MOUNTED PEDESTAL SERVICE F
+	RADIO INTERCONNECT ANTENNA
+	TWO-WAY WIRELESS ANTENNA
<b>—</b>	WIRELESS REPEATER
	PTZ / FIXED CAMERA
P.B.	PUSH BUTTON
S.C.	SHIELDED CABLE
POW	POWER CABLE
LUM	LUMINAIRE POWER CABLE
ODC	OPTICAL DETECTOR CABLE
8c	NUMBER OF CONDUCTORS
I.C.	INTERCONNECT CABLE
RAD	RADIO COMMUNICATIONS CABLE
FO	FIBER OPTIC CABLE (72 SM)
FO DROP	FIBER DROP CABLE (12 SM)
DC	DETECTION CABLE
5	STOP BAR DETECTION ZONE
(//_2)//)	ADVANCED DETECTION ZONE



## WIND SPEEDS AND ICING REGION MAP

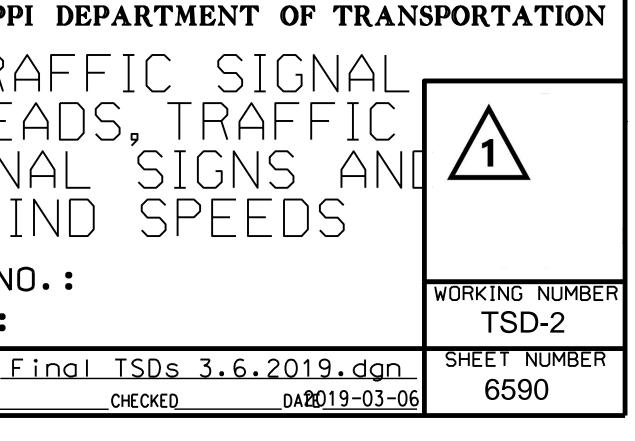
# 2009/2013 AASHTO WIND LOAD LIST BY COUNTY

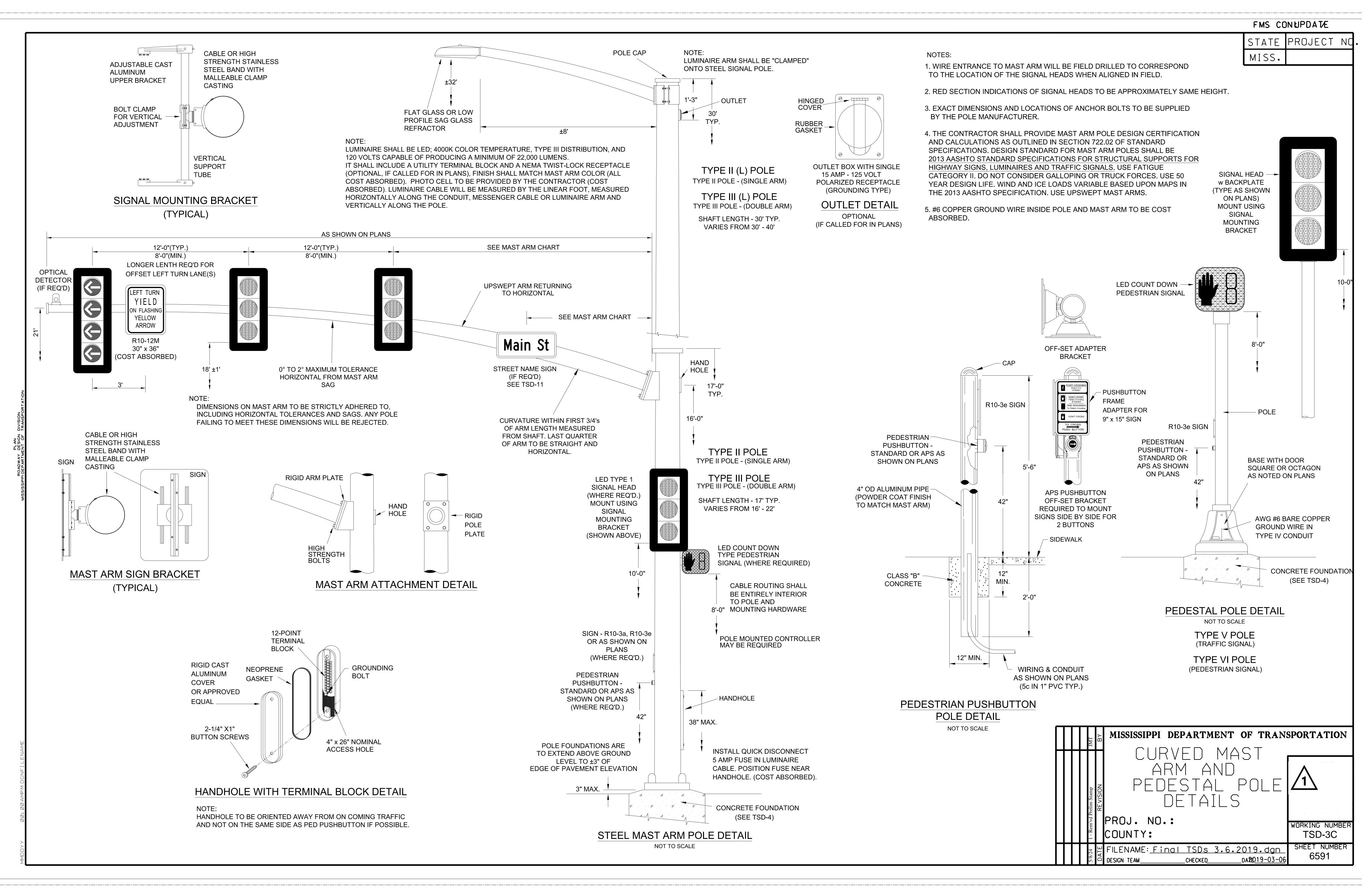
2009/20	JIS AASHIU				DI	U	
	BASIC WIND	ICE LOADIN	G				
COUNTY	SPEED MPH	REQD					
Adams	100	NO					
Alcorn	90	YES					
Amite	110	NO					
Attala	100	YES					
Benton	90	YES					
Bolivar	90	YES					
Calhoun	90	YES					
Carroll	90	YES					
Chickasaw	90	YES					
Choctaw	90	YES					
Claiborne	100	NO					
Clarke	110	NO					
Clay	90	YES					
Coahoma	90	YES					
Copiah	90	NO					
Covington	110	NO					
DeSoto	90	YES					
Forrest	120	NO					
Franklin	100	NO					
George	130	NO					
Greene	120	NO					
Grenada	90	YES (	_	<b>T</b> 1			
Hancock	140	NO			JMT	ВΥ	MISSISSIPP
Harrison	140	NO	+	$\mathbb{H}$	ſ		TRA
Hinds	100	NO					
Holmes	90	YES					
Humphreys	90	YES			du	SION	SIGN
Issaquena	90	NO			Prelim Stamp	$\geq$	\∧/ T
Itawamba	90	YES			Prelir	RE	
Jackson	140	NO			- Rem'vd		PROJ. NO
Jasper	110	NO			1 - R(		COUNTY:
Jefferson	100	NO	T	П	24	DATE	FILENAME: <u>F</u>
					5/8/24	ΡA	DESIGN TEAM

RVICE PANEL

# ADDENDUM NO. 2

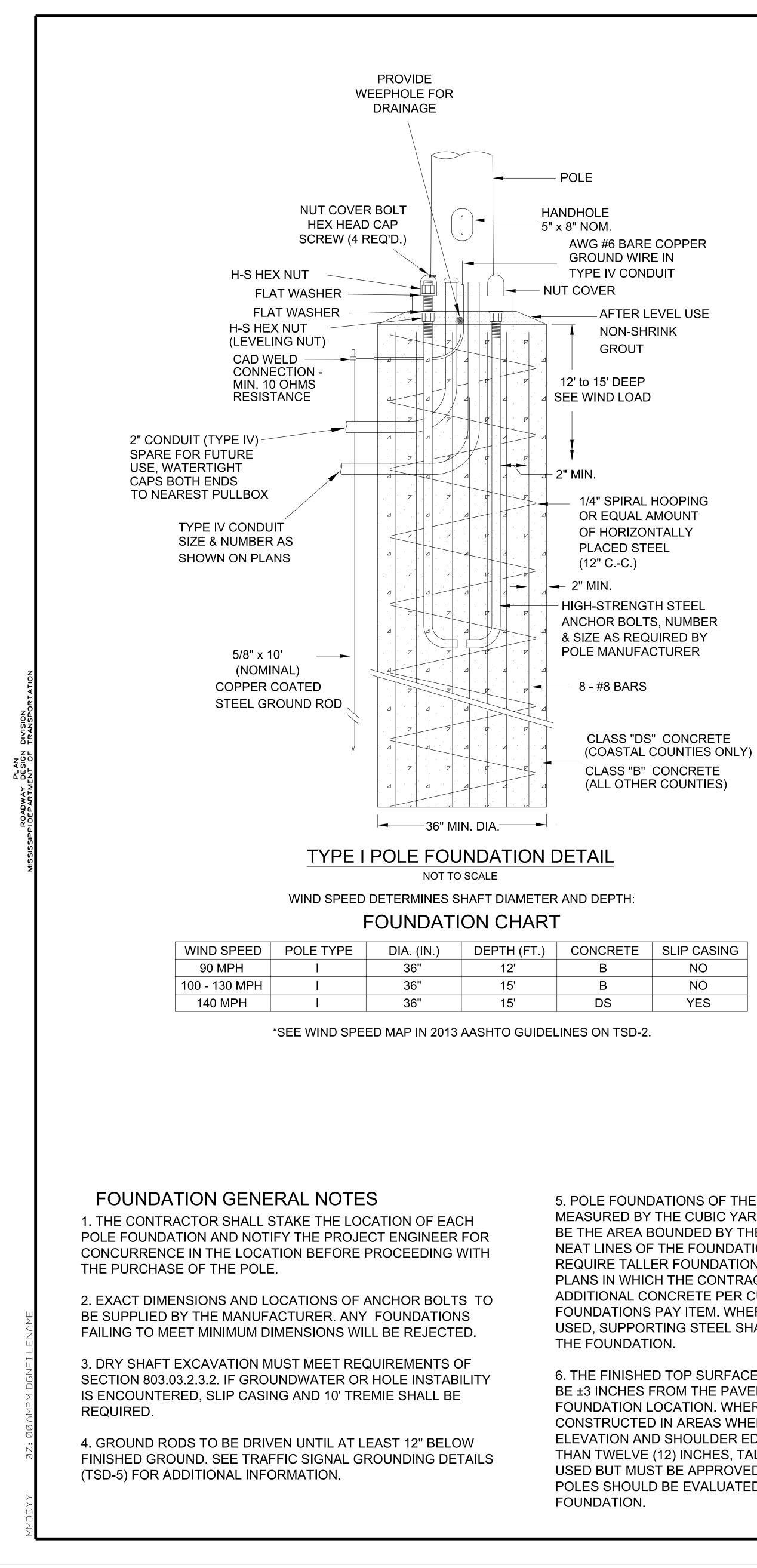
	FMS CONUPDATE							
	STATE	PROJECT NC						
	MISS.							
COUNTY		ICE LOADING						
SPE	ED MPH	REQD						
Jefferson Davis		NO						
Jones	110	NO						
Kemper	100	NO						
Lafayette	90	YES						
Lamar	120	NO						
Lauderdale	110 110	NO NO						
Lawrence Leake	100	NO						
Leake	90	YES						
Lee	90 90	YES						
Lincoln	90 100	NO						
Lowndes	90	YES						
Madison	100	NO						
Marion	110	NO						
Marshall	90	YES						
Monroe	90	YES						
Montgomery	90	YES						
Neshoba	100	NO						
Newton	100	NO						
Noxubee	100	YES						
Oktibbeha	90	YES						
Panola	90	YES						
Pearl River	130	NO						
Perry	120	NO						
Pike	110	NO						
Pontotoc	90	YES						
Prentiss	90	YES						
Quitman	90	YES						
Rankin	100	NO						
Scott	100	NO						
Sharkey	90	NO						
Simpson	100	NO						
Smith Stone	100 130	NO NO						
Sunflower	90	YES						
Tallahatchie	90	YES						
Tate	90	YES						
Tippah	90	YES						
Tishomingo	90	YES						
Tunica	90	YES						
Union	90	YES						
Walthall	110	NO						
Warren	90	NO						
Washington	90	YES						
Wayne	110	NO						
Webster	90	YES						
Wilkinson	100	NO						
Winston	100	YES						
Yalobusha	90	YES						
Yazoo	90	NO						
DEPARTMENT	OF TRA	NSPORTATION						

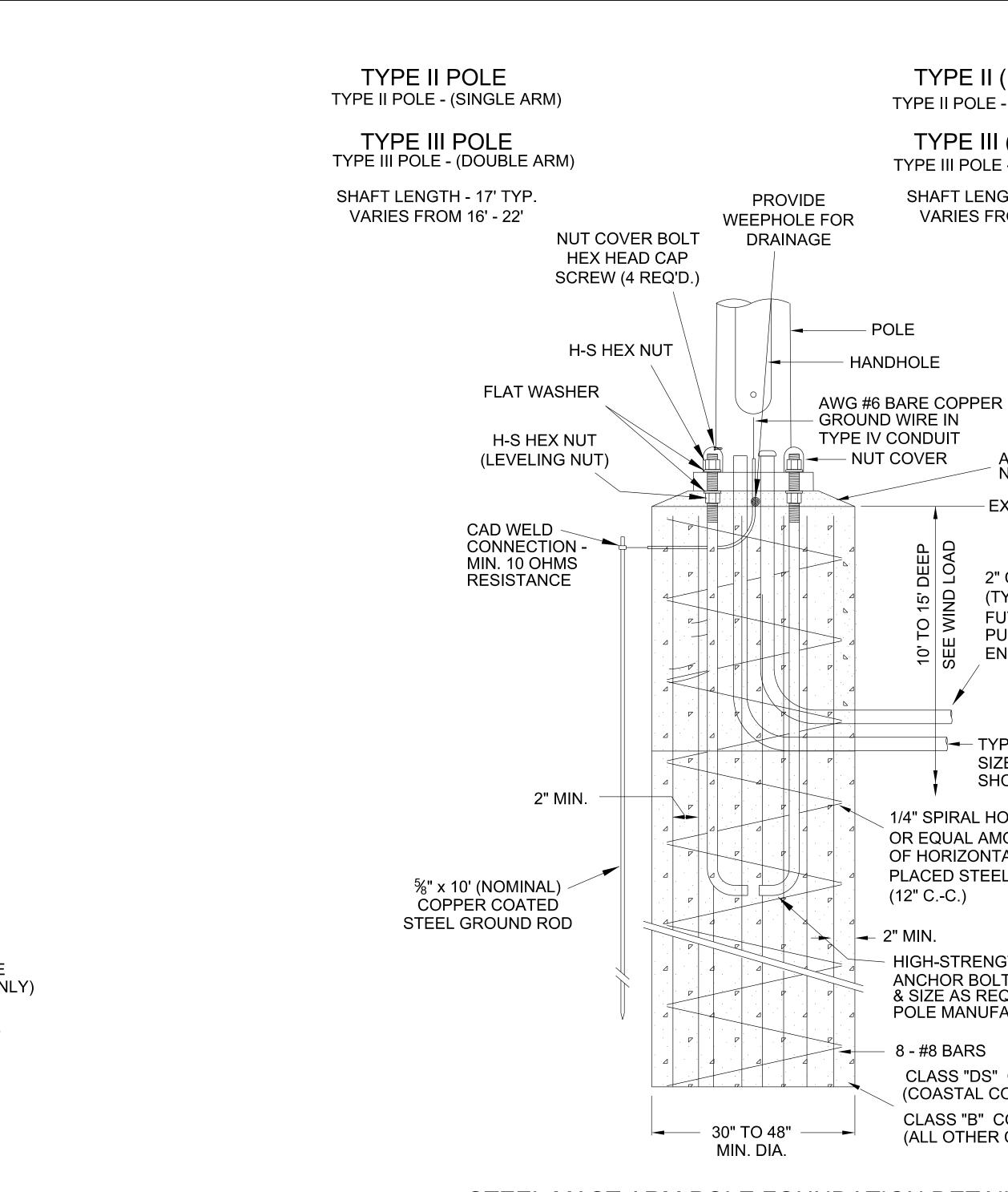






# ADDENDUM NO. 2





## STEEL MAST ARM POLE FOUNDATION DETAIL NOT TO SCALE

WIND SPEED DETERMINES SHAFT DIAMETER AND DEPTH: FOUNDATION CHART

WIND SPEED	POLE TYPE	ARM LENGTH	DIA. (IN.)	DEPTH (FT.)	CONCRETE	SLIP CASING
90 MPH	II, II (L)	5' - 45'	30"	10'	В	NO
90 MPH	II, II (L)	50' - 80'	36"	12'	В	NO
90 MPH	III, III (L)	5' - 80'	36"	15'	В	NO
90 MPH	II, II (L), III, III (L)	85' & OVER	48"	15'	В	NO
100 - 130 MPH	II, II (L), III, III (L)	5' - 80'	36"	15'	В	NO
100 - 130 MPH	II, II (L), III, III (L)	85' & OVER	48"	15'	В	NO
140 MPH	II, II (L), III, III (L)	5' - 80'	36"	15'	DS	YES
140 MPH	II, II (L), III, III (L)	85' & OVER	48"	15'	DS	YES

\*SEE WIND SPEED MAP IN 2013 AASHTO GUIDELINES ON TSD-2.

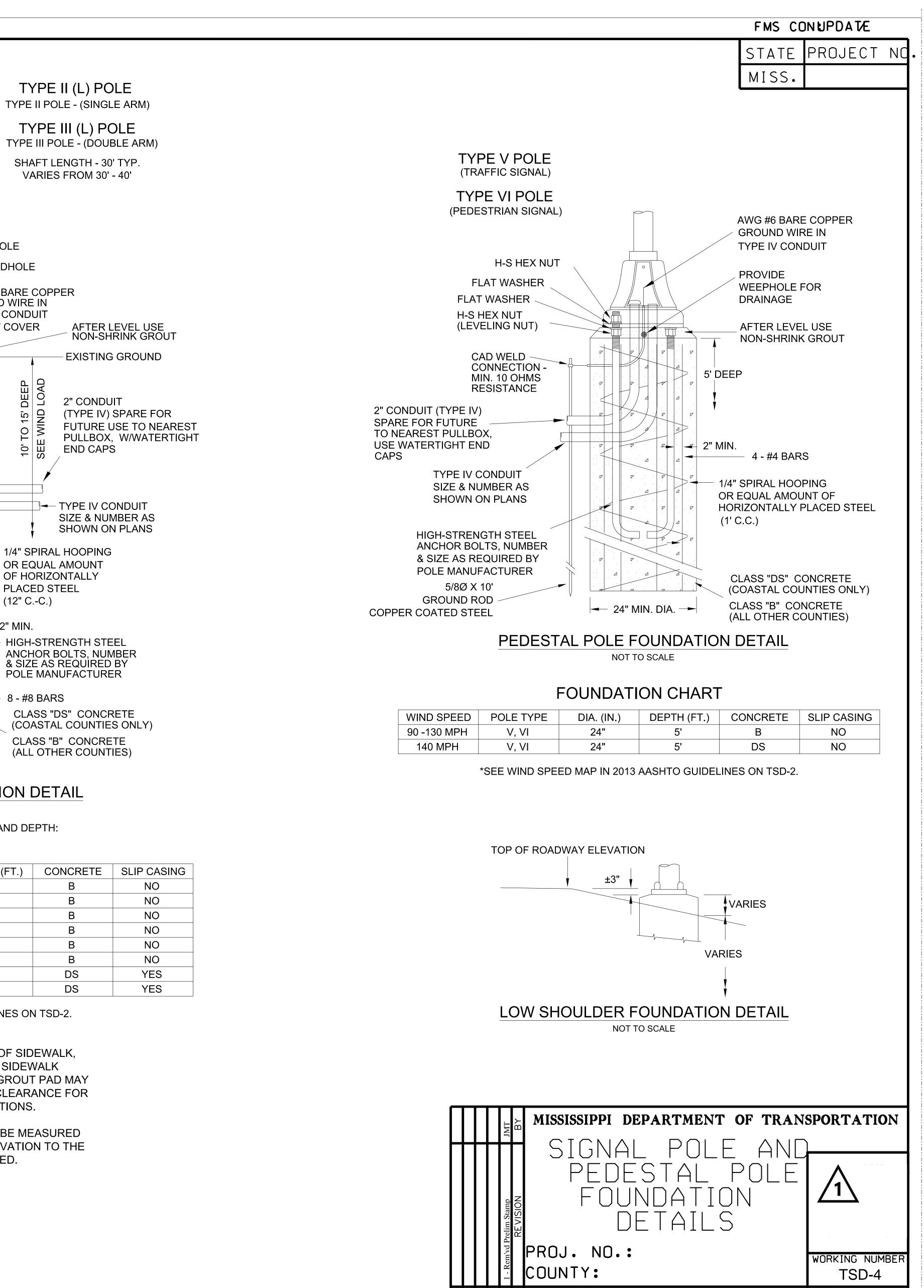
7. WHEN POLES ARE SET WITHIN OR ON EDGE OF SIDEWALK, POLES SHALL BE AS FLUSH AS POSSIBLE WITH SIDEWALK GRADE. THE FOOTPRINT OF THE NON-SHRINK GROUT PAD MAY BE REDUCED IN SIZE TO PROVIDE ADEQUATE CLEARANCE FOR SIDEWALK AND/OR ACCESSIBILITY CONSIDERATIONS.

8. SLIP CASINGS OF THE SIZE SPECIFIED WILL BE MEASURED BY THE LINEAR FOOT FROM THE GROUND ELEVATION TO THE BOTTOM OF THE STRATA NEEDING TO BE CASED.

5. POLE FOUNDATIONS OF THE SIZE SPECIFIED WILL BE MEASURED BY THE CUBIC YARD, WHICH MEASUREMENT SHALL BE THE AREA BOUNDED BY THE VERTICAL PLANES OF THE NEAT LINES OF THE FOUNDATION. FIELD CONDITIONS MAY REQUIRE TALLER FOUNDATIONS THAN SPECIFIED IN THE PLANS IN WHICH THE CONTRACTOR SHALL BE PAID FOR ADDITIONAL CONCRETE PER CUBIC YARD AS BID IN THE POLE FOUNDATIONS PAY ITEM. WHERE TALLER FOUNDATIONS ARE USED, SUPPORTING STEEL SHALL EXTEND THE FULL DEPTH OF

6. THE FINISHED TOP SURFACE OF EACH FOUNDATION SHALL BE ±3 INCHES FROM THE PAVEMENT EDGE ELEVATION AT THE FOUNDATION LOCATION. WHERE FOUNDATIONS ARE CONSTRUCTED IN AREAS WHERE THE PAVEMENT EDGE ELEVATION AND SHOULDER EDGE ELEVATION DIFFER MORE THAN TWELVE (12) INCHES, TALLER FOUNDATIONS MAY BE USED BUT MUST BE APPROVED BY THE ENGINEER. TALLER POLES SHOULD BE EVALUATED TO MINIMIZE EXPOSED

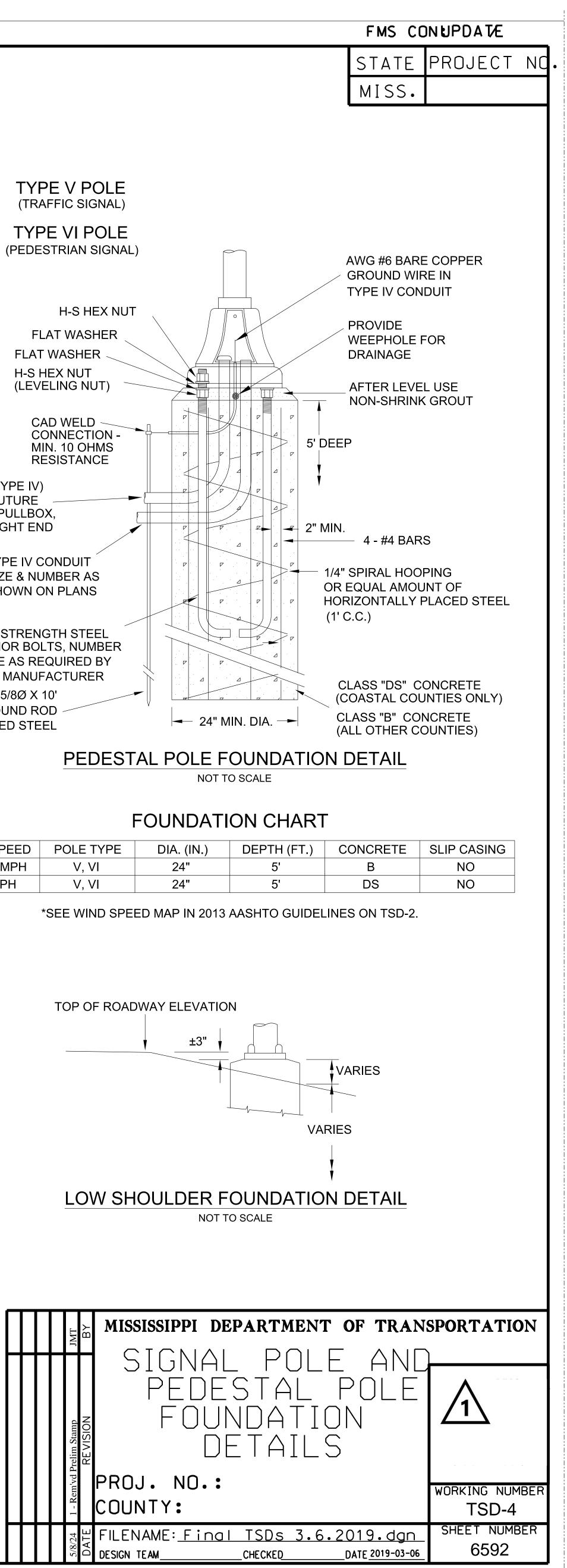
NO NO YES



1/4" SPIRAL HOOPING OR EQUAL AMOUNT OF HORIZONTALLY PLACED STEEL

**HIGH-STRENGTH STEEL** ANCHOR BOLTS, NUMBER & SIZE AS REQUIRED BY POLE MANUFACTURER

8 - #8 BARS CLASS "DS" CONCRETE (COASTAL COUNTIES ONLY) CLASS "B" CONCRETE (ALL OTHER COUNTIES)



# ADDENDUM NO.

