






# *HENRY STREET & WEST WASHINGTON AVENUE TRAFFIC SIGNAL*

CITY PROJECT NO. 13480  
CONTRACT NO. 8647

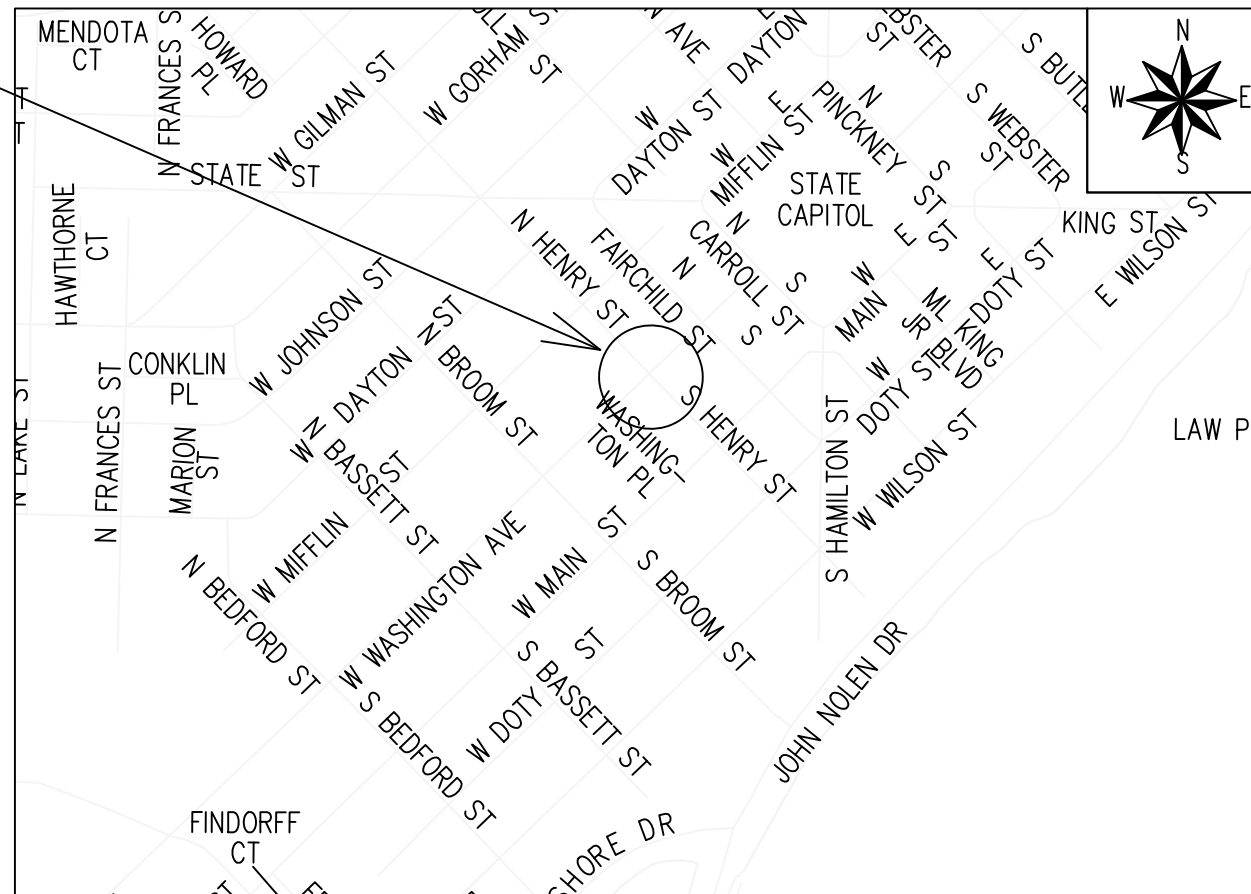
*PROJECT  
LOCATION*

<i>CONVENTIONAL SIGNS</i>	
<i>FIELD VERIFY ALL UTILITY LOCATIONS</i>	
<i>GAS</i>	_____ G _____
<i>STORM SEWER</i>	_____ ST _____
<i>SANITARY SEWER</i>	_____ SAN _____
<i>WATER</i>	_____ W _____
<i>BURIED ELECTRIC</i>	_____ E _____
<i>OVERHEAD ELECTRIC</i>	_____ OH _____
<i>POWER POLE</i>	
<i>ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD</i>	
<i>COMBUSTIBLE FLUIDS</i>	

*NOTES:*

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50%  
TOWARD STORM SEWER INLETS.

*SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12", SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 1.50%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.*



*PUBLIC IMPROVEMENT PROJECT  
APPROVED*

MARCH 29, 2022

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

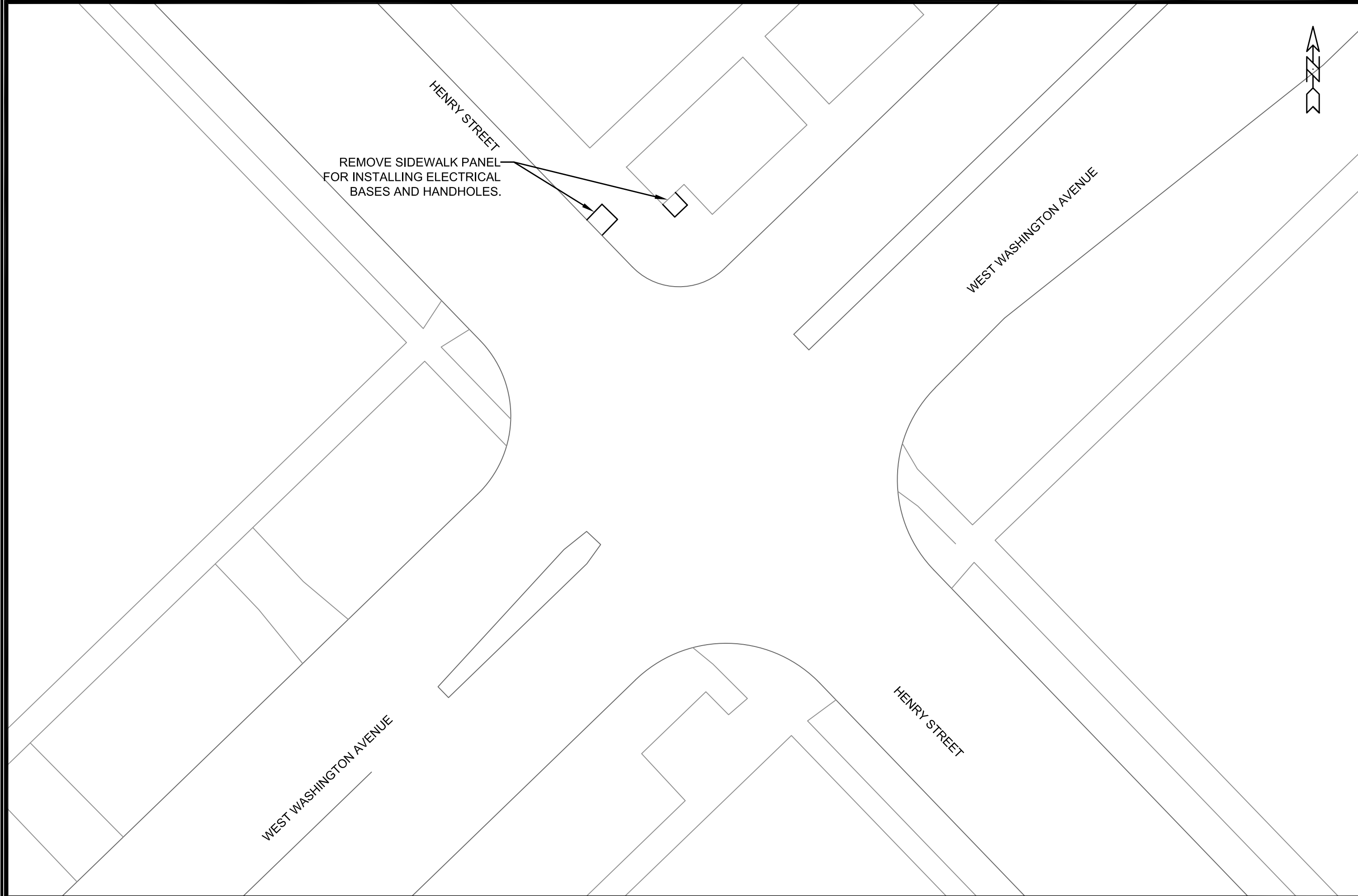
**PUBLIC IMPROVEMENT DESIGN**  
**APPROVED BY:**


City Engineer

Date \_\_\_\_\_

*ELECTRICAL  
DESIGNED BY:*

**GEOMETRICS &  
PAVEMENT MARKINGS  
DESIGNED BY:**













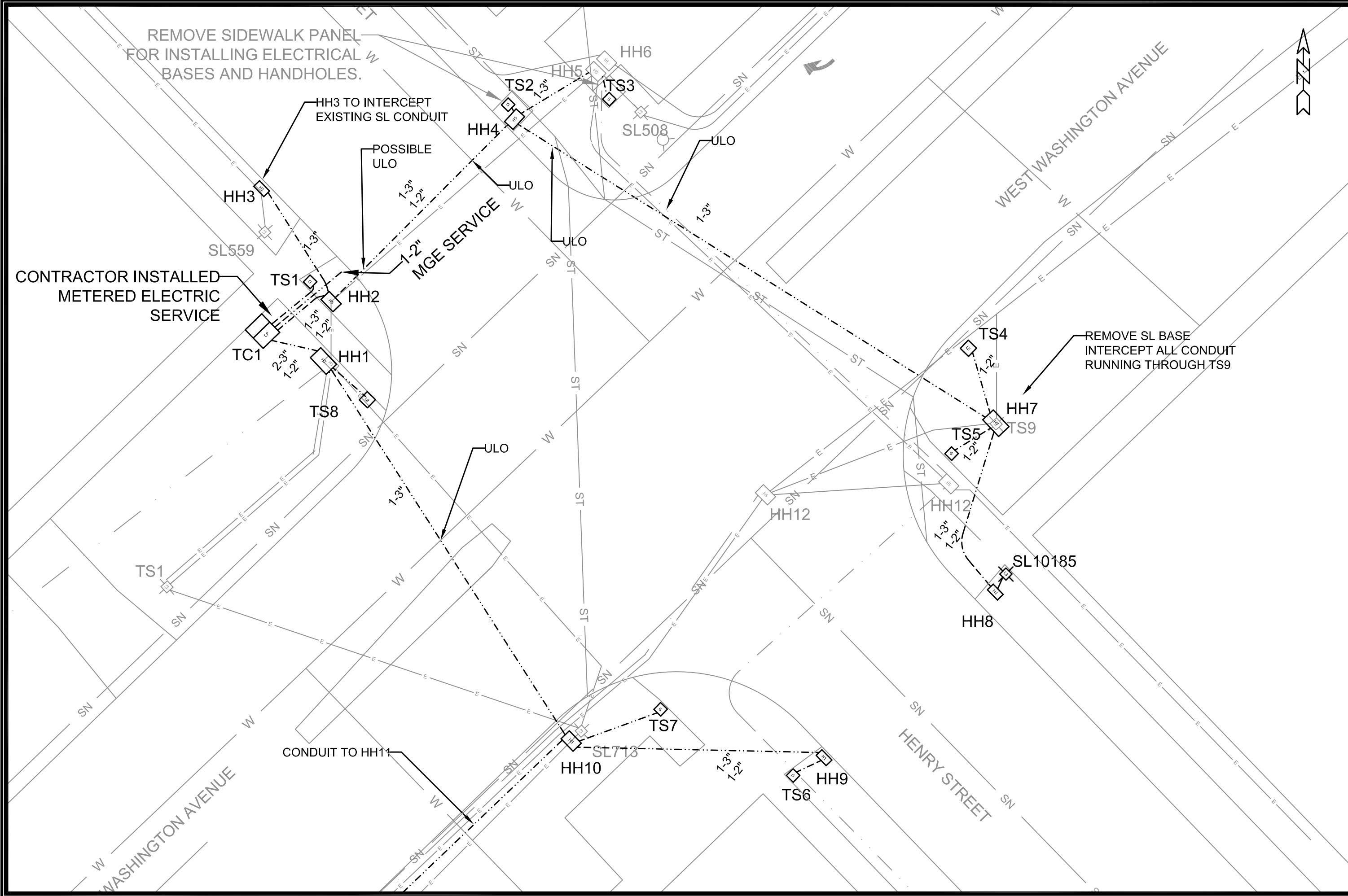
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	HENRY ST. & WEST WASHINGTON AVE. TRAFFIC SIGNAL		MADISON, WI	###	###	###
	M:\DESIGN\Projects\13480\CAD\13480_TE_REDUCED SCOPE DESIGN.dwg		CONTRACT NO: 8647	MARK	REVISION	DATE
				###	###	###
13480		CE-1		Designed By: JLS		Date: 3/14/2022
				Scale: 1" = 20'		CE-1


- [illegible]

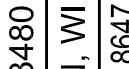
ELECTRICAL COVER	13480
HENRY ST. & WEST WASHINGTON AVE. TRAFFIC SIGNAL	MADISON, WI
MA:DESIGN\Projects\13480\CAD\Y13480_TE_REDUCED SCOPE DESIGN.dwg	
CONTRACT NO:	8647

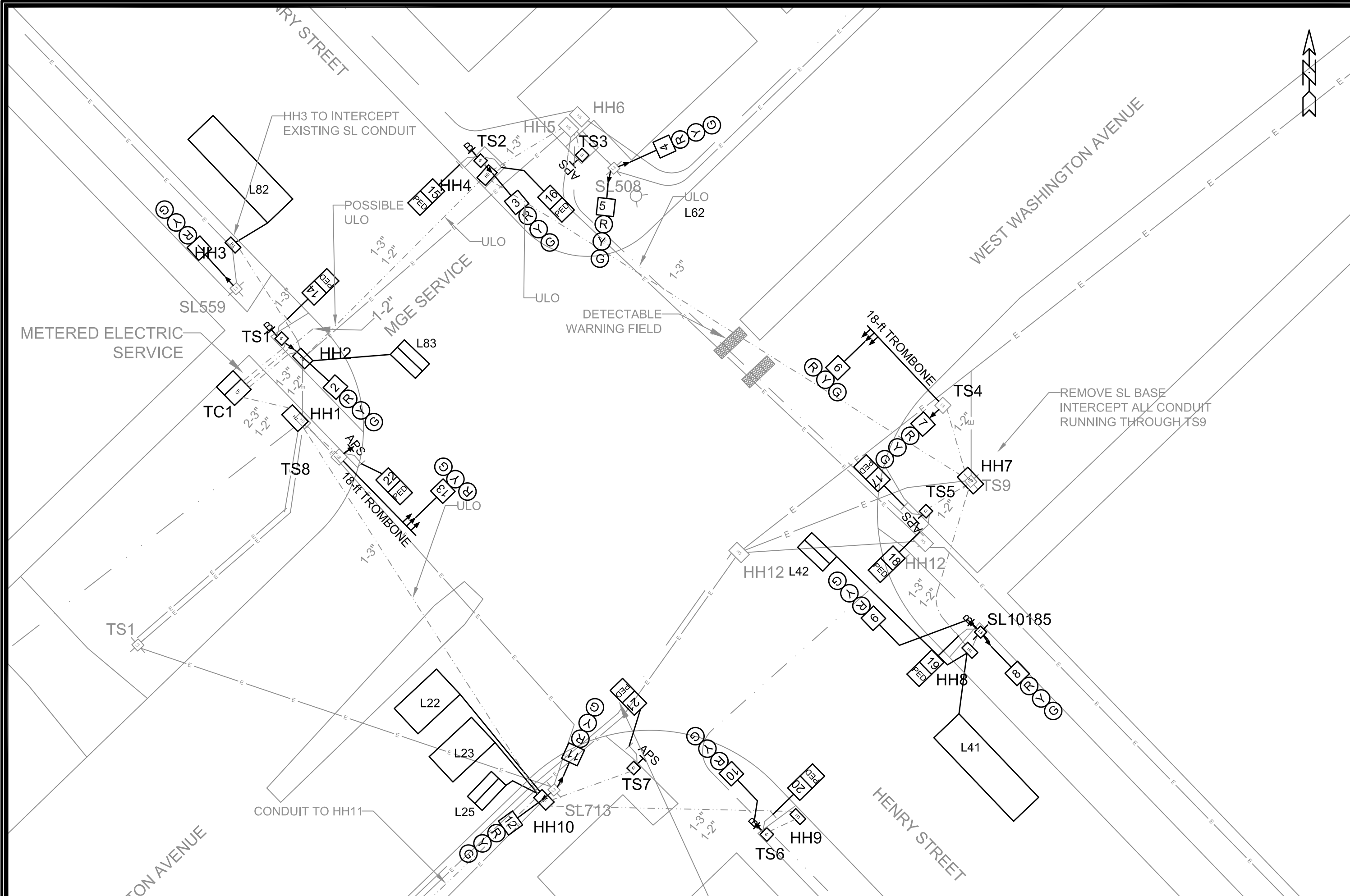


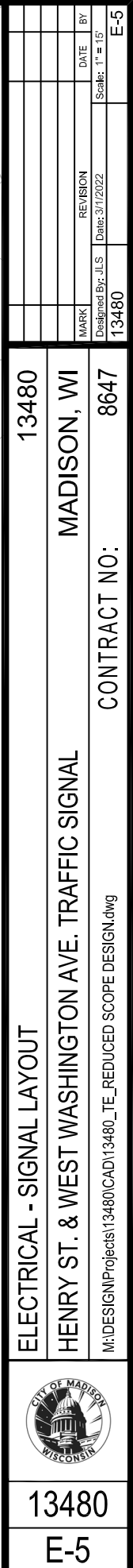
	60413 TYPE P BASE		2-INCH PVC CONDUIT SCHEDULE 40, UNLESS NOTED ON PLANS AND QUANTITIES.
	60407 TYPE LB-8 BASE		
	60403 TYPE LB-3 BASE WITH STREETLIGHT		
	60403 TYPE LB-3 BASE		
	60411 TYPE G BASE		
	60704 TYPE III HANDHOLE		
	60702 TYPE II HANDHOLE		
	60706 TYPE V HANDHOLE		
	60708 TYPE VII HANDHOLE		



	13480		E-2	
	ELECTRICAL		E-2	
	HENRY ST. & WEST WASHINGTON AVE. TRAFFIC SIGNAL		E-2	
	MADISON, WI		E-2	
M:\DESIGN\Projects\13480\CAD\13480_TE_REDUCED SCOPE DESIGN.dwg		Contract No: 8647		
13480		13480		
E-2		E-2		
DATE: 3/1/2022		DATE: 3/1/2022		
BY: JLS		BY: JLS		
REVISION		REVISION		
MARK		MARK		
DESIGNED BY: JLS		DESIGNED BY: JLS		
Scale: 1" = 15'		Scale: 1" = 15'		



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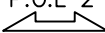
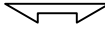

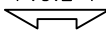


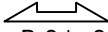













  $\phi 1$	  $\phi 2$	NOT USED $\phi 3$	  $\phi 4$
BARRIER		BARRIER	
NOT USED $\phi 5$	  $\phi 6$	NOT USED $\phi 7$	  $\phi 8$

NOTES:

1. APS BUTTONS FOR ALL CROSSINGS OF WEST WASH.  
(5 BUTTONS TOTAL)
2. STANDARD PED BUTTONS FOR CROSSING HENRY.
3. EB ADVANCE/STOP BAR BIKE DETECTOR CALLS  
PHASE 1 WHICH IS A 6" PHASE DISPLAYING WALKS  
CROSSING HENRY STREET, SUPPLEMENTED BY SIGN  
STATING "BIKES MAY USE WALK SIGNAL."
4. LATE NIGHT REST IN RED OPERATION.
5. EMERGENCY RED-RED FLASH ONLY.
6. PHASE 6 DETECTORS TO USE VIDEO DETECTION


TYPE OF INTERCONNECT	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	X
RADIO	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

[illegible]

DETECTOR NOTES:

21 = EB REAR  
22 = EBLT STOP BAR  
23 = EB THRU STOP BAR  
24 = EB BIKE REAR  
25 = EB BIKE STOP BAR  
61 = WB THRU  
62 = WB BIKE  
63 = WBLT  
81 = NOT USED  
82 = SB STOP BAR  
83 = WBLT BIKE BOX  
41 = NB STOP BAR  
42 = EBLT BIKE BOX

13480		SIGNAL SEQUENCE		13480	
		HENRY ST. & WEST WASHINGTON TRAFFIC SIGNAL		CITY OF MADISON, WI	
E9		M:\DESIGN\Projects\13480\CAD\SIGNAL Operations\Henry-W Wash_Sig Sequence.dwg		CONTRACT NO: 8467	
		MARK	REVISION	DATE	BY
		#1			
		Designed By: JLS	Date: 3/2/2022	Scale: NO SCALE	E9
		13480			

1. REMOVE MARKINGS AS SHOWN ON PLAN.
2. CONTACT TRAFFIC ENGINEERING, JERRY SCHIPPA (608) 267-1969 AT LEAST 48-HRS PRIOR TO REMOVAL TO WALK THROUGH PROJECT REMOVALS.
3. CONTINENTAL CROSSWALK ON WEST SIDE TO REMAIN, WILL BE STRIPED OVER POST CURBWORK.
4. ALL OTHER MARKINGS TO BE MAINTAINED.

—REMOVE 6-INCH  
LANE LINE  
56-LF

REMOVE 12-INCH CROSSWALK  
MARKINGS  
125-LF


RE-STRIPE CONTINENTAL CROSSWALK OVER EXISTING

HENRY STREET

WEST WASHINGTON AVENUE

HENRY STREET



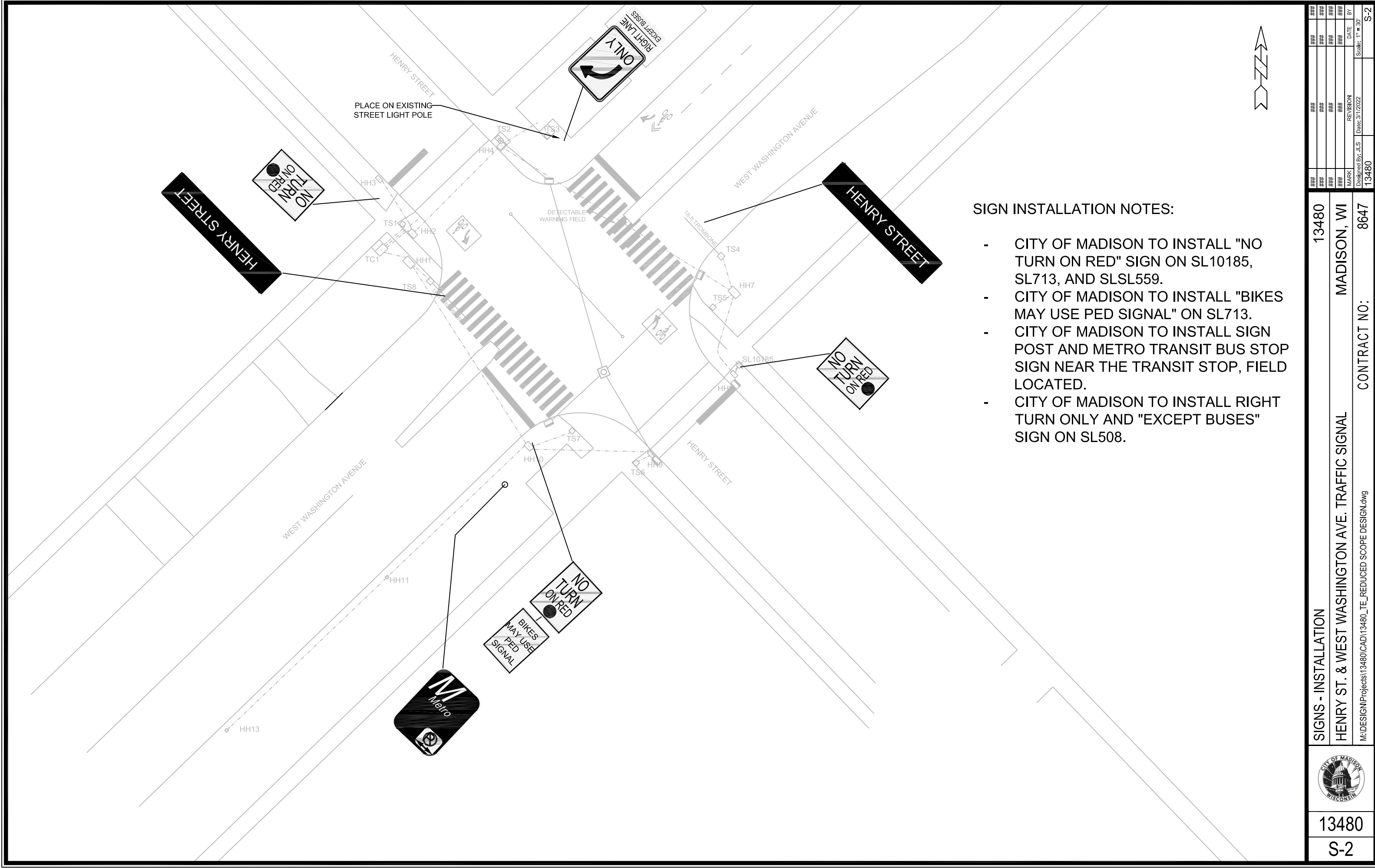
	13480	PM-1
<b>PAVEMENT MARKING REMOVAL</b>		
<b>HENRY ST. &amp; WEST WASHINGTON AVE TRAFFIC SIGNAL</b>		
<b>MADISON, WI</b>		
<b>CONTRACT NO:</b>		
M:\DESIGN\Projects\13480\CAD\13480_TE_REDUCED SCOPE DESIGN.dwg		
<div style="float: right;">             Scale: 1" = 20'              Date: 3/17/2022              Designed By: JLS              MARK              REVISION              DATE              BY           </div>		
13480		

1. CONTACT TRAFFIC ENGINEERING, JERRY SCHIPPA (608) 267-1969 PRIOR TO INSTALLING NEW PAVEMENT MARKINGS.
2. COORDINATE WITH GENERAL CONTRACTOR TO PERFORM PAVEMENT MARKING WORK AFTER MEDIAN CURBWORK HAS BEEN COMPLETED.
3. COORDINATE INSTALLING LEFT TURN BIKE BOXES WITH CITY OF MADISON TRAFFIC ENGINEERING FOR INSTALLATION OF LOOPS PRIOR TO INSTALLATION OF PAVEMENT MARKING.


—RE-STRIPE CONTINENTAL CROSSWALK OVER EXISTING

[illegible]





- SIGN INSTALLATION NOTES:
- CITY OF MADISON TO INSTALL "NO TURN ON RED" SIGN ON SL10185, SL713, AND SL559.
  - CITY OF MADISON TO INSTALL "BIKES MAY USE PED SIGNAL" ON SL713.
  - CITY OF MADISON TO INSTALL SIGN POST AND METRO TRANSIT BUS STOP SIGN NEAR THE TRANSIT STOP, FIELD LOCATED.
  - CITY OF MADISON TO INSTALL RIGHT TURN ONLY AND "EXCEPT BUSES" SIGN ON SL508.

	13480		S-2	
	SIGN - INSTALLATION		13480	
	HENRY ST. & WEST WASHINGTON AVE. TRAFFIC SIGNAL		MADISON, WI	
	M:\DESIGN\Projects\13480\CAD\13480_TE_REDUCED SCOPE DESIGN.dwg		CONTRACT NO: 8647	
Designed By: JLS		REVISION		DATE
Mark		BY		DATE
13480		3/1/2022		1" = 30'