



Wisconsin Department of Transportation

October 3, 2025

**Division of Transportation Systems
Development**

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #30: 2140-14-70, WISC 2025601
C Milwaukee 76th Street
Florist Ave to CTH Q
STH 181
Milwaukee County

Letting of October 14, 2025

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
5	Traffic
7	Utilities

Added Special Provisions	
Article No.	Description
74	Temporary Traffic Signal for Intersections STH 181 & Florist Ave, Item 661.0201.01; STH 181 & Mill Rd, Item 661.0201.02; STH 181 & Acacia St, Item 661.0201.03; STH 181 Green Tree Rd, Item 661.0201.04; STH 181 & Good Hope Rd, Item 661.0201.05; STH 181 & Calumet Rd, Item 661.0201.06; STH 181 & Bradley Rd, Item 661.0201.07; STH 181 & Servite/Dean, Item 661.0201.09; STH 181 & Northridge Dr, Item 661.0201.10; STH 181 & Northridge Lakes Blvd, Item 661.0201.11

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
655.0101	Concrete Bases Type 1	EACH	85	3	88
655.0102	Concrete Bases Type 2	EACH	10	-3	7
655.0305	Cable Type UF 2-12 AWG Grounded	LF	9,475	315	9,790
655.0610	Electrical Wire Lighting 12 AWG	LF	10,980	30	11,010
657.0100	Pedestal Bases	EACH	85	3	88
657.0255	Transformer Bases Breakaway 11 ½-Inch Bolt Circle	EACH	10	-3	7
657.0310	Poles Type 3	EACH	10	-3	7
657.0405	Traffic Signal Standards Aluminum 3.5-FT	EACH	8	4	12
657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	21	-1	20
657.0609	Luminaire Arms Single Member 4-Inch Clamp 6-FT	EACH	18	-9	9
659.1125	Luminaires Utility LED C	EACH	79	6	85
SPV.0060.04	Install Type 9 Pole	EACH	9	-4	5
SPV.0060.05	Install Type 9 Special Pole	EACH	18	-2	16
SPV.0060.06	Install Type 10 Pole	EACH	31	3	34
SPV.0060.07	Install Type 10 Special Pole	EACH	4	3	7
SPV.0060.15	Install Luminaire Arms Steel 15-FT	EACH	61	8	69

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
168	Traffic Signal Plan (S40-1128, Page 1 of 3) – Pole types and lighting arm locations
169	Traffic Signal Plan (S40-1128, Page 2 of 3) – Pole types and lighting arm locations
170	Traffic Signal Plan (S40-1128, Page 3 of 3) – Pole types and lighting arm locations
295	Traffic Signal Plan (S40-1143, Page 1 of 3) – Pole types and lighting arm locations
296	Traffic Signal Plan (S40-1143, Page 2 of 3) – Pole types and lighting arm locations
297	Traffic Signal Plan (S40-1143, Page 3 of 3) – Pole types and lighting arm locations
309	Traffic Signal Plan (S40-1144, Page 1 of 3) – Pole types and lighting arm locations
310	Traffic Signal Plan (S40-1144, Page 2 of 3) – Pole types and lighting arm locations
311	Traffic Signal Plan (S40-1144, Page 3 of 3) – Pole types and lighting arm locations
587	Miscellaneous Quantities – STH 181 & Florist Ave signal and lighting quantity updates
588	Miscellaneous Quantities – STH 181 & Florist Ave signal and lighting quantity updates
590	Miscellaneous Quantities – STH 181 & Florist Ave signal and lighting quantity updates
591	Miscellaneous Quantities – STH 181 & Florist Ave signal and lighting quantity updates
642	Miscellaneous Quantities – STH 181 & Northridge Dr signal and lighting quantity updates
643	Miscellaneous Quantities – STH 181 & Northridge Dr signal and lighting quantity updates
645	Miscellaneous Quantities – STH 181 & Northridge Dr signal and lighting quantity updates
646	Miscellaneous Quantities – STH 181 & Northridge Dr signal and lighting quantity updates
648	Miscellaneous Quantities – STH 181 & Northridge Lakes Blvd signal and lighting quantity updates
649	Miscellaneous Quantities – STH 181 & Northridge Lakes Blvd signal and lighting quantity updates

651	Miscellaneous Quantities – STH 181 & Northridge Lakes Blvd signal and lighting quantity updates
652	Miscellaneous Quantities – STH 181 & Northridge Lakes Blvd signal and lighting quantity updates

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

2140-14-70

October 3, 2025

Special Provisions

5. Traffic.

*Replace entire section titled **D Work Restrictions** with the following:*

D Work Restrictions

Close the north and south ramps at the Brown Deer Road (STH 100) interchange for two consecutive off-peak closures to perform all work, except for permanent pavement markings within and along the ramps. This includes the deceleration and acceleration lanes along N 76th Street (STH 181). Traffic will not be allowed on milled surfaces. Mill and pave in a continuous operation. Close the north and south ramps at the interchange for one off-peak closure to place permanent pavement markings within and along the ramps. This includes the deceleration and acceleration lanes along N 76th Street (STH 181). Maintain northbound and southbound lanes on N 76th Street (STH 181). No detour for the ramps is proposed during these closures. All additional off-peak closures due to traffic or weather-related issues to be requested by the contractor and approved by the engineer prior to implementation. Ramps are to remain open weekdays between 2:00 PM - 6:00 PM and can be closed during off-peak hours.

For the work in Stage 3A and 3B along N 76th Street (STH 181) from Good Hope Road south, two through lanes in each direction required to be open during the PM Peak Hours. Contractor to coordinate with the engineer to determine whether traffic volumes allow for continued work in this location or to relocate to another work location.

Peak Hours

STH 181 (Mainline) - 2:00 PM – 6:00 PM (Monday, Tuesday, Wednesday, Thursday, and Friday)

On/off ramps to STH 100 - 2:00 PM – 6:00 PM (Monday, Tuesday, Wednesday, Thursday, and Friday)

Off-Peak Hours

STH 181 (Mainline) - 6:00 PM – 2:00 PM (Monday, Tuesday, Wednesday, Thursday, and Friday)

On/Off ramps to STH 100 – 6:00 PM – 2:00 PM (Monday, Tuesday, Wednesday, Thursday and Friday)

7. Utilities.

*Replace entire section titled **AT&T WI – Communication Line** with the following:*

AT&T WI - Communication Line

To be completed by utility company prior to construction.

- Station 46+09, 60' LT: AT&T to expose and adjust fiber optic line 2' north to avoid signal pole base.
- Station 46+15, 72' LT: AT&T to expose and adjust fiber optic line 2' north to avoid signal pole base.
- Station 65+10, 41' RT: AT&T to pothole fiber optic and cable facility location and provide depth for guardrail post installation.

To be completed by utility company during construction.

AT&T WI will require multiple conduit duct and cable relocations during road construction. Anticipated to be completed in 1 working day per each location at the following locations below:

- Station 73+64, 10' RT: AT&T to expose and adjust conduit duct 2 feet east to avoid temporary signal pole and avoid signal pole base.
- Station 72+56, 75' LT: AT&T to expose and adjust conduit duct 2 feet north to avoid signal pole base.
- Station 127+41, 10' RT: AT&T to expose and adjust conduit duct 1 feet east to avoid signal pole base.
- Station 46+10, 10' RT: AT&T to relocate cables and ducts 2' east to avoid signal pole base.
- Station 47+38, 10' RT: AT&T to expose and adjust conduit ducts 1' east and 1' west to avoid signal pole base.
- Station 257+86, 44' RT: AT&T to expose and adjust conduit duct 1' west to avoid signal pole base.
- Station 86+07, 8' RT: AT&T to expose and adjust conduit duct 2' east to avoid signal pole base.
- Station 87+03, 9' RT: AT&T to expose and adjust conduit duct 2' east to avoid signal pole base.
- Station 205+53, 60' RT: AT&T to move existing pipe 2' north to avoid temporary signal pole.
- Station 206+68, 62' RT: AT&T to move existing 600 pair cable 2' northwest to avoid signal pole base.
- Station 99+30, 10' RT: AT&T to move conduit duct 2' east to avoid signal pole base.
- Station 100+35, 9' RT: AT&T to move duct 2' east to avoid signal pole base.
- Station 152+95, 69' LT: AT&T to move conduit duct 2' north to avoid signal pole base

74. Temporary Traffic Signal for Intersections STH 181 & Florist Ave, Item 661.0201.01; STH 181 & Mill Rd, Item 661.0201.02; STH 181 & Acacia St, Item 661.0201.03; STH 181 Green Tree Rd, Item 661.0201.04; STH 181 & Good Hope Rd, Item 661.0201.05; STH 181 & Calumet Rd, Item 661.0201.06; STH 181 & Bradley Rd, Item 661.0201.07; STH 181 & Servite/Dean, Item 661.0201.09; STH 181 & Northridge Dr, Item 661.0201.10; STH 181 & Northridge Lakes Blvd, Item 661.0201.11

Replace 661.2.1(1) of the standard specifications with the following:

⁽¹⁾ Furnish control cabinet and control equipment. The Department will supply, maintain, and install a signal controller, cellular modem, and ethernet switch to establish remote communication to the signal controller. The cabinet must be equipped with a 6-circuit Isotel independent of the GFI receptacles. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Also provide a manual control accessible by the police. Test traffic signal control cabinets before installation. The Department will provide the signal controller with the initial traffic signal timing, and the Department will be responsible for all subsequent signal timing changes.

Replace 661.2.1(3) of the standard specifications with the following:

⁽³⁾ Use existing underground electric service and meter breaker pedestal for the operation of the Temporary Traffic Signal. The contractor will be responsible for arranging any additional service connection to the temporary signal. The department will pay for all Energy Costs for the operation of the Temporary Traffic Signal.

Furnish and install a generator to operate the temporary traffic signals for the times required to switch the existing permanent traffic signal over to the temporary traffic signal and for the time required to switch the temporary traffic signal back over to the permanent traffic signal.

Contact the local electrical utility at least four days prior to making the switch from the Temporary Traffic Signal to the new Permanent Traffic Signal.

Append 661.2.1 of the standard specifications with the following:

(6) Control equipment or controller equipment is defined as anything inside the control cabinet excluding the department furnished signal controller, cellular modem, and ethernet switch.

Replace 661.3.1(2) of the standard specifications with the following:

(2) Request a signal inspection of the completed temporary traffic signal installation to the engineer at least five working days prior to the time of the requested inspection. Notify the SE Region Electrical Field Unit at (414) 266-1170 to coordinate the inspection. The SE Region electrical personnel will perform the inspection.

Append 661.3.1.4 of the standard specifications with the following:

(4) Arrange for every other week inspections with the engineer to check the height of the span wire above the roadways to ensure that the bottom of the traffic signal heads remain within the minimum and maximum heights allowed above the roadway. Make all height adjustments within 1-hour of an inspection indicating that adjustments are required. Notify the engineer in writing upon completion of all necessary adjustments. Maintain a written log to properly document the date of each every other week inspection, the heights above the roadway, the roadway clearance after adjustments have been made, and acceptance by the engineer. Provide all documentation related to the every other week span wire height checks as well as all records related to maintenance performed on the temporary traffic signal installations to the engineer.

Replace 661.3.2.6(2) of the standard specifications with the following:

(2) Upon acceptance of new signal and completion of work, the department will switch control of the intersection over to the permanent cabinet installation. Remove signal cable and wires, wood poles, wood posts, control cabinet, control equipment, and incidental materials. Upon deactivation of the controller, call the electrical utility immediately for the temporary electrical service disconnect. The department shall remove the signal controller, cellular modem, and ethernet switch.

Replace 661.3.2.7 (2) of the standard specifications with the following:

(2) Respond within one hour of notification to provide corrective action to any emergency such as but not limited to knockdowns, signal cable problems, and controller equipment failures. If equipment becomes damaged or faulty beyond repair, replace it within one working day. In order to fulfill this requirement, maintain, in stock, sufficient materials and equipment to provide repairs. Replace the traffic signal control equipment including the cabinet and cabinet accessories within 4 hours. If the outcome of the response identifies damage to the department furnished signal controller, notify the Traffic Management Center at (800) 375-7302 who will then dispatch the SE Region Electrical Field Unit

Replace 661.5(2) of the standard specifications with the following:

(2) Payment for the Temporary Traffic Signals for Intersections bid item is full compensation for providing, maintaining, and repairing the complete temporary installation; and for removal. Payment also includes the following:

1. Furnishing and installing replacement equipment.
2. The cost of delivery and pick-up of the cabinet assemblies.

Payment is full compensation for drilling holes; furnishing and installing all materials, including bricks, and coarse aggregate; for excavation, bedding, and backfilling, including any sand or other required materials; furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; for making inspections; for cleaning up and properly disposing of waste; e, mounting brackets and cabling from the temporary traffic signal installation to the department; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Schedule of Items

Attached, dated October 3, 2025, are the revised Schedule of Items Pages 1 – 20.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

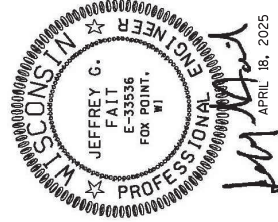
Revised: 168 – 170, 295 – 297, 309 – 311, 587, 588, 590, 591, 642, 643, 645, 646, 648, 649, 651, and 652.

END OF ADDENDUM

LEGEND

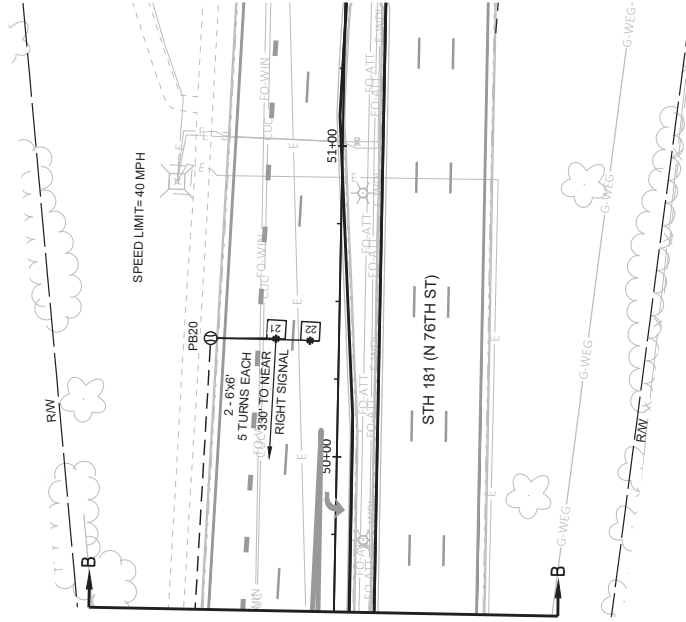
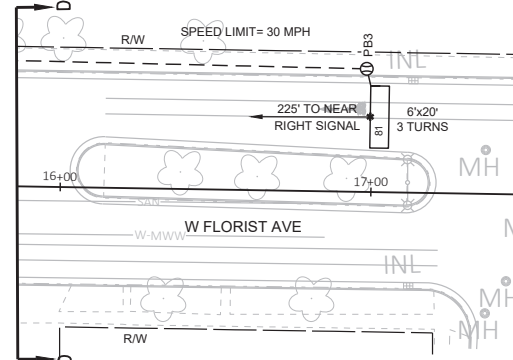
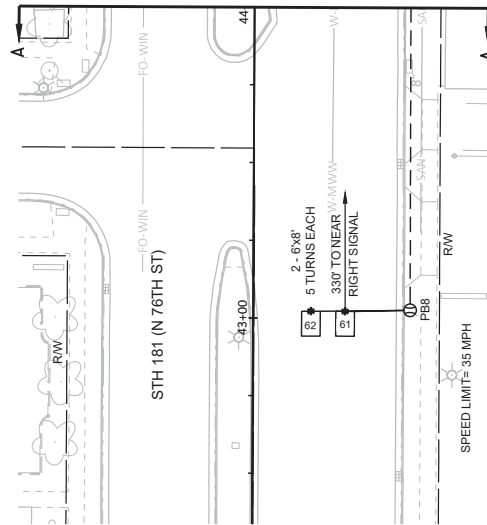
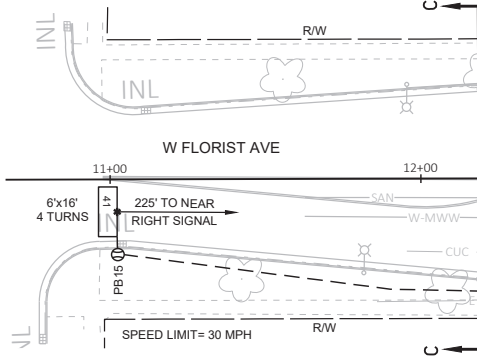
- CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C OR OTHERWISE NOTED.
6. RECONNECT EXISTING FIBER OPTIC TRAFFIC SIGNAL INTERCONNECT



TRAFFIC CONTROL SIGNAL	
STH 181 (N 76TH ST) & W FLORIST AVE	
CITY OF MILWAUKEE	
MILWAUKEE COUNTY	
CABINET TYPE: 152-E	
CONTROLLER TYPE: ECONOLITE	
SIGNAL NO. S40-1128	
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	
DATE _____	REGION TRAFFIC ENGINEER _____
APPROVED _____	
DATE _____	STATE TRAFFIC ENGINEER _____
REGION CONTACT: DAVE BIANCHER	
PHONE: (414) _____	
FAX: (414) _____	
PAGE 1 OF 3	

Addendum No. 01
ID 2140-14-70
Revised Sheet 169
October 3, 2025



TRAFFIC CONTROL SIGNAL
STH 181 (N 76TH ST) & W FLORIST AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1128

REGION CONTACT: DAVE BRANTNER

DESIGNED BY: TAD

REVISED BY:

PAGE 2 OF 3

SHEET

169

TRAFFIC SIGNAL PLAN

COUNTY: MILWAUKEE

HWY: STH 181

PROJECT NO: 2140-14-70

FILE NAME: Z:\SHARED\W\2986 76TH ST 2140-14-00\DRAWINGS\2140-14-70 DWG

LAYOUT NAME: S40-1128_02

PLOT DATE: 9/24/2025 10:11 AM

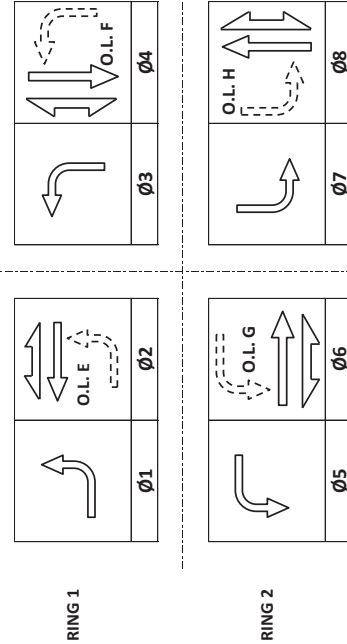
PLOT BY: DERRIN WOLFORD

PLOT NAME:

PLOT SCALE: 1 IN=40 FT

WISDOT/CADDIS SHEET 42

	HEAD NUMBERS	F L A S H
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Ø2	8,9,10,11	R ←
Ø3	23,24	R ←
Ø4	15,16,17	R ←
Ø5	12,13,14	R ←
Ø6	1,2,3,4	R ←
Ø7	18,19	R ←
Ø8	20,21,22	R
Ø2P	29,30	
Ø4P	27,28	
Ø6P	25,26	
Ø8P	31,32	
Ø1E	5,6,7	-
Ø1F	23,24	-
Ø1G	12,13,14	-
Ø1H	18,19	-



BARRIER

DETECTOR LOGIC

	3	1	7	5	11	9	15	13
DETECTOR INPUT								
PLAN LOOP DETECTOR*(5)	11	21	23	31	41	43	45	52
CALL PHASE	1	2	2	4	4	4	4	5
CALL OPTION	X	X	X	X			X	X
DELAY TIME						X		
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME					X			
USE ADDED INITIAL		X						
CROSS SWITCH PHASE	?							6

	4	2	8	6	12	10	16	14
DETECTOR INPUT								
PLAN LOOP DETECTOR*(5)	12	22	24	32	42	44	51	61
CALL PHASE	1	2	2	4	4	4	5	6
CALLED OPTION	X	X	X	X	X	X	X	X
DELAY TIME					X			
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL		X						X
CROSS SWITCH PHASE	?						6	

19	17	23	21	27	25	31	29
62	64	72	82	84			
6	6	8	8	8			
X		X	X	X			
			X				
X	X	X	X	X			
X	X						

	20	18	24	22	28	26	32	30
	63	71	81	83	85			
	6	8	8	8	8			
	X	X		X	X			
				X				
	X	X	X	X	X			
			X					
	X							

GENERAL NOTES:

- 1. PHASES 3 AND 7 ARE OMITTED 24/7.**

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 0018

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GIT	
TOWAR	
HARDWARE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUIET DETECTION	

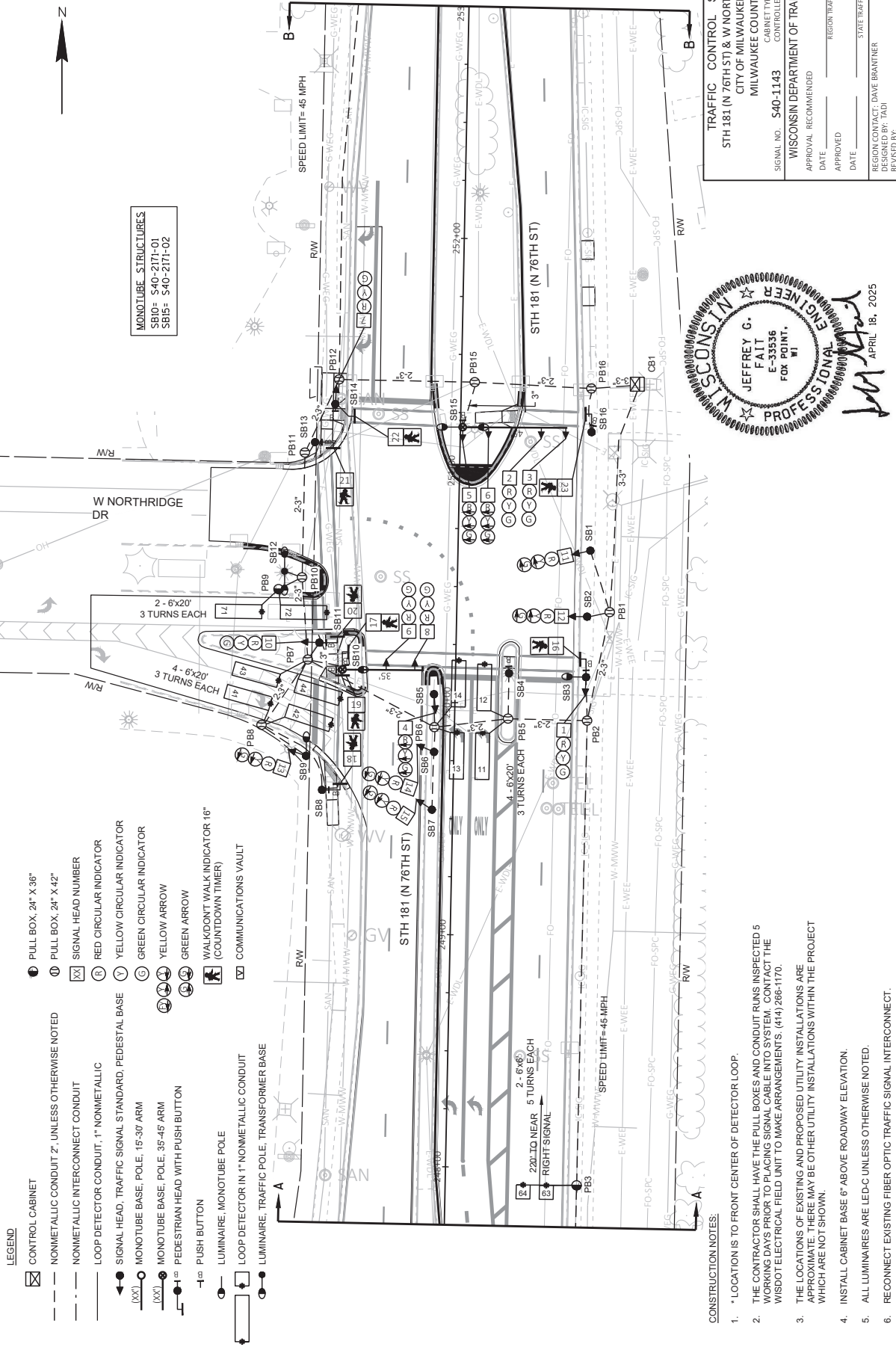
STH 181 (N 76TH ST) & FLORIST AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1128		CABINET TYPE: T52-E	
		CONTROLLER TYPE: ECONOLITE	
DATE: 5/25	PAGE NUMBER: 3 OF 3		SHEET NO: 170
FVA EFHG Econolite SEQ.XLSX		PLOT BY: PLOT SCALE: 1:1	

SEQUENCE OF OPERATIONS

PROJECT NO: 2140-14-70	HWY: STH 181
------------------------	--------------

Addendum No. 01
ID 2140-14-70
Revised Sheet 295
October 3, 2025



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2', UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1' NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- MONOTUBE BASE, POLE, 15'-30' ARM
- MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, MONOTUBE POLE
- LOOP DETECTOR IN 1' NONMETALLIC CONDUIT
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- WALKDON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- COMMUNICATIONS VAULT

CONSTRUCTION NOTES:

- * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
- THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
- INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
- ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
- RECONNECT EXISTING FIBER OPTIC TRAFFIC SIGNAL INTERCONNECT.

PROJECT NO: 2140-14-70

HWY: STH 181

COUNTY: MILWAUKEE

TRAFFIC SIGNAL PLAN

PLOT DATE: 9/24/2025 11:54 AM

PLOT BY: DERIN WOLFORD

PLOT NAME: WISDOT/CADDS SHEET 42

DESIGNED BY: TADI

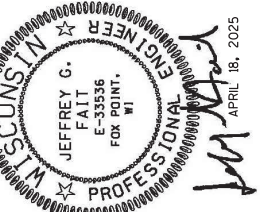
APPROVED: DATE

REGIONAL TRAFFIC ENGINEER

STATE TRAFFIC ENGINEER

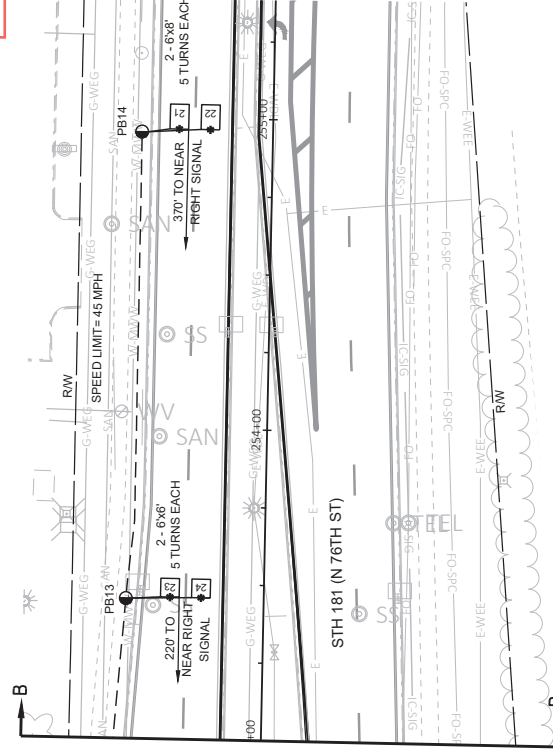
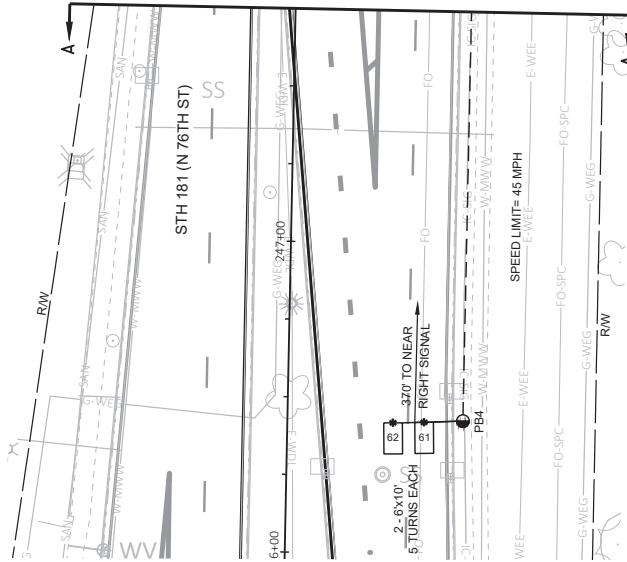
PAGE 1 OF 3

SHEET 295



TRAFFIC CONTROL SIGNAL
STH 181 (N 76TH ST) & W NORTHEDGE DR
CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO. S40-1143
CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVAL RECOMMENDED
DATE
APPROVED
DATE
REGIONAL TRAFFIC ENGINEER
STATE TRAFFIC ENGINEER
DESIGNED BY: TADI
PLOT NAME: WISDOT/CADDS SHEET 42

Addendum No. 01
ID 2140-14-70
Revised Sheet 296
October 3, 2025



PROJECT NO: 2140-14-70

HWY: STH 181

COUNTY: MILWAUKEE

TRAFFIC SIGNAL PLAN

SHEET

296

E

FILE NAME: Z:\SHARED\W\296 76TH ST 2140-14-00\AD\VERMANS\2140-14-70.DWG
LAYOUT NAME: 2140-14-70_02

PLOT DATE: 9/24/2025 11:54 AM

PLOT BY: DERRIN WOLFORD

PLOT SCALE: 1"=40'

#00000000

WISDOT/CADD SHEET 42

TRAFFIC CONTROL SIGNAL
STH 181 (N 76TH ST) & W NORTHBRIDGE DR
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1143

REGION CONTACT: DAVE BRANTNER

DESIGNED BY: TAD

REVISED BY:

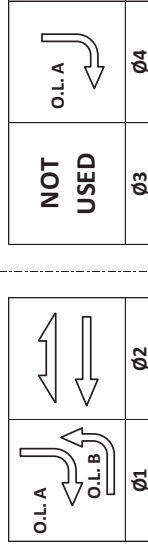
PAGE 2 OF 3

HEAD NUMBERS		F	L	A	S	H
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Ø2	7,8,9	R				
Ø3						
Ø4						
Ø5						
Ø6	1,2,3	R				
Ø7	10,11,12	R				
Ø8						
Ø2P	18,19,20,21					
Ø7P	16,17					
Ø6P						
Ø8P	22,23					
OLA	13,14,15	R				
OLB	4,5,6	R				

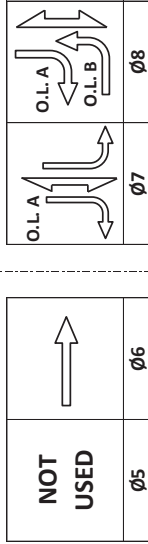
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CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3				
4		8		X
5				
6	X	2	MIN	X
7		4		X
8		4		X



RING 1



RING 2

BARRIER

Addendum No. 01
ID 2140-14-70
Revised Sheet 297
October 3, 2025

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	13	21	23	41	43	61	63
CALLLED PHASE	1	1	2	2	4	4	6	6
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME					X			
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL			X	X			X	X
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	14	22	24	42	44	62	64
CALLLED PHASE	1	1	2	2	4	4	6	6
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME					X			
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL			X	X			X	X
CROSS SWITCH PHASE								

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	71							
CALLLED PHASE	7							
CALL OPTION	X							
DELAY TIME								
EXTENSION OPTION	X							
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	72							
CALLLED PHASE	7							
CALL OPTION	X							
DELAY TIME								
EXTENSION OPTION	X							
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 40-0202

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWARE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

STH 181 (N 76TH ST) & NORTHRIDGE DR
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO:	S40-1143	CABINET TYPE:	TS2-E
DATE:	5/25	CONTROLLER TYPE:	ECONOLITE
		PAGE NUMBER:	3 OF 3
		SHEET NO:	297
			E

PROJECT NO: 2140-14-70

HWY: STH 181

COUNTY: MILWAUKEE

SEQUENCE OF OPERATIONS

FILE NAME: Z:\Shared\WV\2068 76th St 2140-14-00\Signal\11-Northridge Mail\NorthridgeMail TS2-S E FYA EFGH Econolite SEQ.XLSX

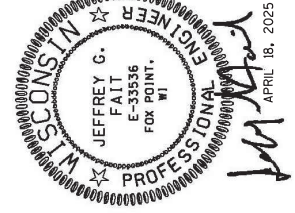
PLOT DATE: 4/7/2025

PLOT NAME: NorthridgeMail TS2-S E FYA EFGH Econolite SEQ.X PLOT BY: _____

PLOT SCALE: 1" = 1'

MONOTUBE STRUCTURES

SB2	=	S40-2172-01
SB3	=	S40-2172-02
SB6	=	S40-2172-03
SB9	=	S40-2172-04
SB10	=	S40-2172-05
SB13	=	S40-2172-06



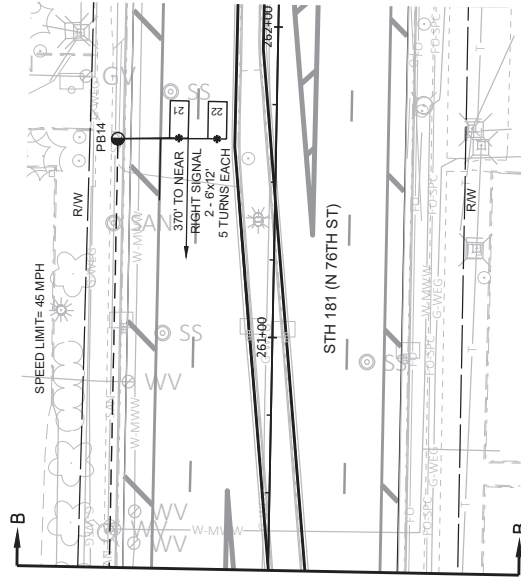
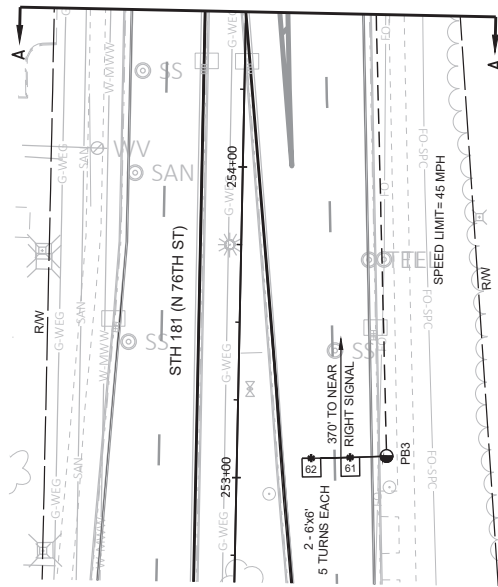
TRAFFIC	CONTROL	SIGNAL
5TH 181 N 76TH ST & W NORTHRIDGE LAKES BLVD CITY OF MILWAUKEE MILWAUKEE COUNTY		
SIGNAL NO. S40-1144 CABINET TYPE: 152-E		CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION		
APPROVAL RECOMMENDED		
DATE	APPROVED	REGION TRAFFIC ENGINEER
DATE	APPROVED	STATE TRAFFIC ENGINEER
REGION CONTACT: DAVID BRANTNER REVIEWED BY: TADJ		
		PAGE 1 OF 3

CONSTRUCTION NOTES:

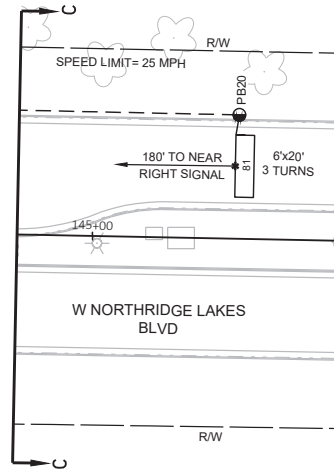
1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS, (414) 286-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
6. RECONNECT EXISTING FIBER OPTIC TRAFFIC SIGNAL INTERCONNECT

PROJECT NO:	2140-14-70	HWY: 5TH 181	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET	309
NAME:	Z:\SHARED\W\2586 7671 ST 2140-14-00\CAD\MILWAUKEE\2140-14-70.DWG					
PLOT DATE:	9/24/2025 12:45 PM	PLOT BY:	DERINN WOLFORD	PLOT SCALE:	#####	

WISDOT/CADDs SHEET 42



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ID 2140-14-70
Revised Sheet 310
October 3, 2025



TRAFFIC CONTROL SIGNAL
STH 181 (N 76TH ST) & W NORTHDRIDGE LAKES BLVD
CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO. S40-1144
REGION CONTACT: DAVE BRANTNER
DESIGNED BY: TAD
REVISED BY:
PAGE 2 OF 3

PROJECT NO:	2140-14-70	HWY: STH 181	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET	310	E
FILE NAME:	Z:\SHARED\W\2986 76TH ST 2140-14-00\AD\VERMANS\40-1144_NORTHDRIDGE\2140-14-70.DWG						
LAYOUT NAME:	S40-1144_02						
PLOT DATE:	9/24/2025 12:50 PM						
PLOT BY:	DERIN WOLFORD						
PLOT NAME:	#####						
PLOT SCALE:	1"=40'						

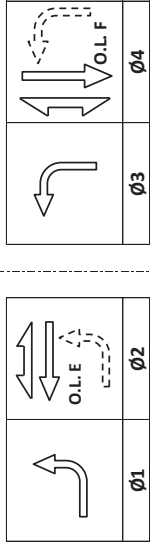
HEAD NUMBERS		F	L	A	S	H
Ø1	4,5,6	R				
Ø2	7,8,9	R				
Ø3	22,23,24	R				
Ø4	13,14,15	R				
Ø5	10,11,12	R				
Ø6	1,2,3	R				
Ø7	16,17,18	R				
Ø8	19,20,21	R				
Ø2P	27,28					
Ø4P	25,26					
Ø6P	31,32					
Ø8P	29,30					
OL E	4,5,6	-				
OL F	22,23,24	-				
OL G	10,11,12	-				
OL H	16,17,18	-				



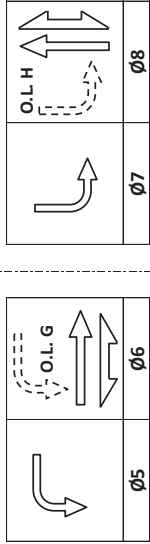
CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

RING 1



RING 2



BARRIER

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DETECTOR LOGIC

DETECTOR INPUT		3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	23	31	41	43	51	61	
CALLLED PHASE	1	2	4	4	4	4	2	6	
CALL OPTION	X	X	X	X	X	X	X	X	
DELAY TIME	X	X	X	X	X	X	X	X	
EXTENSION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME	X	X	X	X	X	X	X	X	
USE ADDED INITIAL	X	X	X	X	X	X	X	X	
CROSS SWITCH PHASE	2								

DETECTOR INPUT		4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	22	24	32	42	44	52	62	
CALLLED PHASE	1	2	2	4	4	4	2	6	
CALL OPTION	X	X	X	X	X	X	X	X	
DELAY TIME	X	X	X	X	X	X	X	X	
EXTENSION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME	X	X	X	X	X	X	X	X	
USE ADDED INITIAL	X	X	X	X	X	X	X	X	
CROSS SWITCH PHASE	2								

DETECTOR INPUT		19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	63	71	81	83	85				
CALLLED PHASE	6	8	8	8	8				
CALL OPTION	X	X	X	X	X				
DELAY TIME	X	X	X	X	X				
EXTENSION OPTION	X	X	X	X	X				
EXTEND TIME	X	X	X	X	X				
USE ADDED INITIAL	X	X	X	X	X				
CROSS SWITCH PHASE									

DETECTOR INPUT		20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	64	72	82	84					
CALLLED PHASE	6	8	8	8					
CALL OPTION	X	X	X	X					
DELAY TIME	X	X	X	X					
EXTENSION OPTION	X	X	X	X					
EXTEND TIME	X	X	X	X					
USE ADDED INITIAL	X	X	X	X					
CROSS SWITCH PHASE									

GENERAL NOTES:
1. PHASES 3 AND 7 ARE OMITTED 24/7.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 40-0202

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	X
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWARE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

STH 181 (N 76TH ST) & NORTHBRIDGE LAKES BLVD
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO:	S40-1144	CABINET TYPE:	TS2-E
CONTROLLER TYPE:	ECONOLITE		
DATE:	5/25	PAGE NUMBER:	3 OF 3
SHEET NO:	311		

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET
2	POLES TYPE 9 SPECIAL
3	POLES TYPE 10
1	POLES TYPE 10 SPECIAL
2	MONOTUBE ARMS 15-FT
1	MONOTUBE ARMS 30-FT
3	MONOTUBE ARMS 35-FT SPECIAL
7	LUMINAIRE ARMS STEEL 15-FT

REMOVING TRAFFIC SIGNALS

204.9060.S.01	
REMOVING	
TRAFFIC SIGNALS	
LOCATION	EACH
STH 181 AT FLORIST AVE	1
TOTAL	1

REMOVING WIRE

204.9060.S.12	
REMOVING	
LOOP DETECTOR WIRE	
AND LEAD-IN CABLE	
LOCATION	EACH
STH 181 AT FLORIST AVE	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS

661.0201.01	
TEMPORARY TRAFFIC	
SIGNALS FOR	
INTERSECTIONS	
LOCATION	EACH
STH 181 AT FLORIST AVE	1
TOTAL	1

LAMP, BALLAST, LED, SWITCH DISPOSAL

659.5000.S*	
LAMP, BALLAST,	
SWITCH DISPOSAL	
BY CONTRACTOR	
FIXTURE TYPE	EACH
TRAFFIC SIGNAL, THREE SECTION	12
TRAFFIC SIGNAL, FIVE SECTION	4
TRAFFIC SIGNAL, PEDESTRIAN	8
LED LAMP	8
MERCURY SWITCHES	1
TOTAL	33

* QUANTITY SHOWN ELSEWHERE ON PLAN

REMOVING CONCRETE BASES

204.0195*	
REMOVING	
CONCRETE	
BASES	
SIGNAL	EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
SB16	1
SB17	1
CB1	1
TOTAL	18

* QUANTITY SHOWN ELSEWHERE ON PLAN

LAMP, BALLAST, LED, SWITCH DISPOSAL (FOR INFORMATION ONLY)

LOCATION	TRAFFIC		TRAFFIC		SIGNAL		SIGNAL		LED		MERCURY	
	THREE SECTION	FIVE SECTION	PEDESTRIAN	THREE SECTION	FIVE SECTION	PEDESTRIAN	THREE SECTION	FIVE SECTION	PEDESTRIAN	THREE SECTION	FIVE SECTION	PEDESTRIAN
CB1	--	--	--	--	--	--	--	--	--	--	--	--
SB1	1	--	--	1	--	--	1	--	--	2	--	--
SB2	1	--	--	--	--	--	--	--	--	--	--	--
SB3	1	--	--	1	--	--	1	--	--	--	--	--
SB4	1	--	--	1	--	--	1	--	--	--	--	--
SB5	--	--	--	1	--	--	--	--	--	2	--	--
SB6	1	--	--	1	--	--	--	--	--	--	--	--
SB7	--	--	--	1	--	--	1	--	--	--	--	--
SB8	1	--	--	--	--	--	1	--	--	--	--	--
SB9	1	--	--	--	--	--	--	--	--	2	--	--
SB10	1	--	--	--	--	--	--	--	--	--	--	--
SB11	1	--	--	--	--	--	1	--	--	--	--	--
SB12	--	--	--	1	--	--	--	--	--	2	--	--
SB13	1	--	--	1	--	--	--	--	--	--	--	--
SB14	--	--	--	--	--	--	1	--	--	--	--	--
SB15	1	--	--	--	--	--	--	--	--	--	--	--
SB16	--	--	--	--	--	--	1	--	--	--	--	--
SB17	1	--	--	--	--	--	--	--	--	--	--	--
TOTAL	12	4	8	8	8	8	1	8	8	1	1	1

STH 181 & FLORIST AVE

653.0905*	
REMOVING	
PULL BOXES	
PULL BOX	EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
TOTAL	22

* QUANTITY SHOWN ELSEWHERE ON PLAN

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STH 181 & FLORIST AVE

CONDUIT							
		652.0225*	652.0235*	652.0605^	652.0615^		
		CONDUIT RIGID	CONDUIT RIGID	CONDUIT	CONDUIT		
		NONMETALLIC	NONMETALLIC	SPECIAL	SPECIAL		
		SCHEDULE 40	SCHEDULE 40	2-INCH	3-INCH		
		2-INCH	3-INCH	L.F.	L.F.	L.F.	L.F.
FROM	TO	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
CB1	PB1	-	135	-	-	-	-
PB1	SB1	10	-	-	-	-	-
PB1	PB2	-	-	10	-	-	-
PB2	PB3	-	-	200	-	-	-
PB1	PB4	-	-	-	-	80	-
PB4	SB2	5	-	-	-	-	-
PB4	PB5	-	-	-	-	80	-
PB5	SB3	-	5	-	-	-	-
PB5	PB6	-	80	-	-	-	-
PB6	SB4	10	-	-	-	-	-
PB6	PB7	-	-	170	-	-	-
PB7	PB8	-	-	130	-	-	-
PB6	PB9	-	-	-	-	90	-
PB9	SB5	-	10	-	-	-	-
PB9	PB10	-	-	-	-	40	-
PB10	SB6	5	-	-	-	-	-
PB10	PB11	20	-	-	-	-	-
PB10	PB12	-	-	-	-	90	-
PB12	SB7	-	5	-	-	-	-
PB12	PB13	-	80	-	-	-	-
PB13	SB8	5	-	-	-	-	-
PB13	PB14	-	-	10	-	-	-
PB14	PB15	-	-	200	-	-	-
PB13	PB16	-	-	-	-	80	-
PB16	SB9	-	10	-	-	-	-
PB16	PB17	-	-	-	-	80	-
PB17	SB10	10	-	-	-	-	-
PB17	PB18	-	120	-	-	-	-
PB18	SB11	25	-	-	-	-	-
PB18	PB19	-	-	170	-	-	-
PB19	PB20	-	-	130	-	-	-
PB18	PB21	-	-	-	-	80	-
PB21	SB12	-	25	-	-	-	-
PB21	PB22	-	-	-	-	30	-
PB22	SB13	5	-	-	-	-	-
PB22	PB23	-	-	-	-	80	-
PB23	SB14	-	20	-	-	-	-
PB23	CB1	-	30	-	-	-	-
TOTAL		95	520	1020	730		
QUANTITY SHOWN ELSEWHERE ON PLAN							

3

3

		CONCRETE BASES									
		654.0101*	654.0110*	CONCRETE BASES		654.0120*	CONCRETE BASES		654.0217*		
		CONCRETE BASES	CONCRETE BASES	CONCRETE BASES		CONCRETE BASES	CONCRETE BASES		CONCRETE CONTROL CABINET BASES		
		TYPE 1	TYPE 10	TYPE 10		SPECIAL	TYPE 9 SPECIAL		TYPE 9 SPECIAL		
		EACH	EACH	EACH		EACH	EACH		EACH		
SIGNAL	LOCATION										
BASE NO.	STA	OFFSET									
CB1	47+27.0	55.8 RT	-	-	-	-	-	-	-	1	
SB1	46+96.8	76.2 RT	1	-	-	-	-	-	-	-	
SB2	46+60.4	75.7 RT	1	-	-	-	-	-	-	-	
SB3	46+19.0	74.0 RT	-	-	-	1	-	-	-	-	
SB4	46+11.3	53.7 RT	1	-	-	-	-	-	-	-	
SB5	46+10.7	9.6 RT	-	1	-	-	-	-	-	-	
SB6	45+95.4	9.1 LT	1	-	-	-	-	-	-	-	
SB7	46+6.1	52.5 LT	-	-	-	-	1	-	-	-	
SB8	46+22.4	73.8 LT	1	-	-	-	-	-	-	-	
SB9	46+58.1	71.6 LT	-	1	-	-	-	-	-	-	
SB10	46+95.6	70.7 LT	1	-	-	-	-	-	-	-	
SB11	47+9.2	52.7 LT	1	-	-	-	-	-	-	-	
SB12	47+7.1	8.9 LT	-	1	-	-	-	-	-	-	
SB13	47+37.6	9.1 RT	1	-	-	-	-	-	-	-	
SB14	47+12.9	53.2 RT	-	-	-	-	1	-	-	-	
TOTAL	TOTAL	TOTAL	8	3	3	-	3	-	1	1	

* QUANTITY SHOWN ELSEWHERE ON PLAN

* QUANTITY SHOWN ELSEWHERE ON PLAN

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STH 181 & FLORIST AVE

TRAFFIC SIGNAL CABLE AND WIRE						
		655.0240*		655.0260*		655.027*
		CABLE		CABLE		CABLE
		TRAFFIC SIGNAL		TRAFFIC SIGNAL		TRAFFIC SIGNAL
		7-14 AWG		12-14 AWG		15-14 AWG
FROM	TO	L.F.	L.F.	L.F.	L.F.	L.F.
CB1	SB1	--	--	--	--	100
CB1	SB2	150	--	--	--	--
CB1	SB3	--	--	--	--	205
CB1	SB4	--	--	--	--	265
CB1	SB5	--	--	325	--	--
CB1	SB6	--	--	370	--	--
CB1	SB7	--	--	415	--	--
CB1	SB8	--	--	--	--	385
CB1	SB9	--	--	335	--	--
CB1	SB10	280	--	--	--	--
CB1	SB11	--	--	--	--	220
CB1	SB12	--	--	165	--	--
CB1	SB13	--	--	115	--	--
CB1	SB14	--	--	75	--	--
TOTAL		430		1800		1175

* QUANTITY SHOWN ELSEWHERE ON PLAN

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
655.0305*		655.0610*		
CABLE TYPE UF		ELECTRICAL		
2-12 AWG		WIRE		
GROUNDED		LIGHTING		
		12 AWG		
FROM	TO	L.F.	L.F.	
CB1	SB3	195	--	
SB3	LUMINAIRE 1	--	145	
SB3	SB5	165	--	
SB5	LUMINAIRE 1	--	145	
SB5	LUMINAIRE 2	--	145	
CB1	SB12	165	--	
SB12	LUMINAIRE 1	--	145	
SB12	LUMINAIRE 2	--	145	
SB12	SB9	250	--	
SB9	LUMINAIRE 1	--	145	
SB9	LUMINAIRE 2	--	120	
TOTAL		775		990

* QUANTITY SHOWN ELSEWHERE ON PLAN

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
655.0515*				
ELECTRICAL				
WIRE TRAFFIC				
SIGNALS				
10 AWG				
FROM	TO	L.F.		
CB1	SB1	95		
SB1	SB2	105		
SB2	SB3	100		
SB3	SB4	105		
SB4	SB5	115		
SB5	SB6	90		
SB6	SB7	110		
SB7	SB8	100		
SB8	SB9	110		
SB9	SB10	110		
SB10	SB11	145		
SB11	SB12	140		
SB12	SB13	95		
SB13	SB14	115		
SB14	CB1	80		
SB1	PB1	35		
SB2	PB4	30		
SB3	PB5	30		
SB4	PB6	35		
SB5	PB9	35		
SB6	PB10	35		
SB7	PB12	30		
SB8	PB13	30		
SB9	PB16	35		
SB10	PB17	35		
SB11	PB18	50		
SB12	PB21	50		
SB13	PB22	30		
CB1	PB23	35		
TOTAL		2110		
* QUANTITY SHOWN ELSEWHERE ON PLAN				

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0230* CABLE		655.0240* CABLE
TO SIGNAL HEAD	TRAFFIC SIGNAL	5-14 AWG L.F.	7-14 AWG L.F.	
FROM NUMBER				
SB1	18	-	-	20
SB1	20	20	-	-
SB1	25	20	-	-
SB3	16	50	-	-
SB3	17	20	-	-
SB3	19	-	-	65
SB3	26	20	-	-
SB4	1	20	-	-
SB4	13	-	-	20
SB4	27	20	-	-
SB5	14	-	-	35
SB6	5	-	-	20
SB7	9	65	-	-
SB7	10	50	-	-
SB7	11	35	-	-
SB7	28	20	-	-
SB8	15	20	-	-
SB8	23	-	-	20
SB8	29	20	-	-
SB9	21	50	-	-
SB9	22	65	-	-
SB9	24	-	-	35
SB10	30	20	-	-
SB11	6	-	-	20
SB11	8	20	-	-
SB11	31	20	-	-
SB12	7	-	-	35
SB13	12	-	-	20
SB14	2	65	-	-
SB14	3	50	-	-
SB14	4	35	-	-
SB14	32	20	-	-
TOTAL		725	290	
QUANTITY SHOWN ELSEWHERE ON PLAN				

* QUANTITY SHOWN ELSEWHERE ON PLAN

STH 181 & FLORIST AVE

657.0100*				657.0405*		657.0425*		657.0430*		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
TRAFFIC SIGNAL		TRAFFIC SIGNAL		TRAFFIC SIGNAL		TRAFFIC SIGNAL		TRAFFIC SIGNAL		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
STANDARDS		STANDARDS		STANDARDS		STANDARDS		STANDARDS		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
ALUMINUM		ALUMINUM		ALUMINUM		ALUMINUM		ALUMINUM		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
3.5-FT		3.5-FT		3.5-FT		3.5-FT		3.5-FT		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
PEDESTAL		PEDESTAL		PEDESTAL		PEDESTAL		PEDESTAL		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
BASES		BASES		BASES		BASES		BASES		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH		EACH		EACH		EACH		EACH		SPV.0060.05*		SPV.0060.06*		POLES SPV.0060.07*		SPV.0060.08*		SPV.0060.11*		SPV.0060.12*		SPV.0060.15*		658.0500*		659.1125*	
EACH																											

* QUANTITY SHOWN ELSEWHERE ON PLAN

Addendum No. 01
ID 2140-14-70
Revised Sheet 591
October 3, 2025

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET
2	POLES TYPE 10 SPECIAL
1	MONOTUBE ARMS 35-FT SPECIAL
3	MONOTUBE ARMS 45-FT SPECIAL
	LUMINAIRE ARMS STEEL 15-FT

REMOVING TRAFFIC SIGNALS

204.9060.S.10	
REMOVING	
TRAFFIC SIGNALS	
LOCATION	EACH
STH 181 AT NORTHRIDGE DR	1
TOTAL	1

REMOVING WIRE

204.9060.S.21	
REMOVING	
LOOP DETECTOR WIRE	
AND LEAD-IN CABLE	
LOCATION	EACH
STH 181 AT NORTHRIDGE DR	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS

661.0201.10	
TEMPORARY TRAFFIC	
SIGNALS FOR	
INTERSECTIONS	
LOCATION	EACH
STH 181 AT NORTHRIDGE DR	1
TOTAL	1

LAMP, BALLAST, LED, SWITCH DISPOSAL

659.5000.S*	
LAMP, BALLAST,	
SWITCH DISPOSAL	
BY CONTRACTOR	
FIXTURE TYPE	EACH
TRAFFIC SIGNAL, THREE SECTION	14
TRAFFIC SIGNAL, PEDESTRIAN	8
LED LAMP	7
MERCURY SWITCHES	1
TOTAL	30
* QUANTITY SHOWN ELSEWHERE ON PLAN	

653.0905*	
REMOVE PULL BOXES	
PULL BOX NO.	REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
TOTAL	16
* QUANTITY SHOWN ELSEWHERE ON PLAN	

STH 181 & NORTHRIDGE DR

204.0195*	
REMOVING CONCRETE BASES	
SIGNAL BASE NO.	REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
SB16	1
SB17	1
CB1	1
TOTAL	18
* QUANTITY SHOWN ELSEWHERE ON PLAN	

LAMP, BALLAST, LED, SWITCH DISPOSAL (FOR INFORMATION ONLY)

LOCATION	THREE SECTION		PEDESTRIAN		MERCURY SWITCHES	
	SIGNAL EACH	TRAFFIC SIGNAL EACH	LED LAMP EACH	SWITCHES EACH	TRAFFIC SIGNAL EACH	LED LAMP EACH
CB1	-	-	-	-	-	-
SB1	1	-	-	-	-	-
SB2	1	-	-	-	-	-
SB3	1	1	1	-	-	-
SB4	-	-	-	2	-	-
SB5	2	-	-	-	-	-
SB7	1	-	-	-	-	-
SB8	1	2	-	-	-	-
SB9	1	-	-	1	-	-
SB10	-	1	-	-	-	-
SB11	1	1	-	-	-	-
SB12	-	-	2	-	-	-
SB13	-	1	-	-	-	-
SB14	2	1	-	-	-	-
SB15	1	-	2	-	-	-
SB16	1	-	-	-	-	-
SB17	1	1	-	-	-	-
TOTAL	14	8	7	-	-	-

Addendum No. 01
ID 2140-14-70
Revised Sheet 642
October 3, 2025

STH 181 & NORTHRIDGE DR

CONDUIT				652.0225*	652.0235*	652.0615*
				CONDUIT RIGID	CONDUIT RIGID	CONDUIT
				NONMETALLIC	NONMETALLIC	SPECIAL
				SCHEDULE 40	SCHEDULE 40	3-INCH
				2-INCH	3-INCH	
FROM	TO	L.F.	L.F.			
CB1	PB1	-	200	-	-	-
PB1	SB1	30	-	-	-	-
PB1	SB2	10	-	-	-	-
PB1	PB2	-	100	-	-	-
PB2	SB3	20	-	-	-	-
PB2	PB3	200	-	-	-	-
PB3	PB4	150	-	-	-	-
PB2	PB5	-	-	-	60	-
PB5	SB4	20	-	-	-	-
PB5	PB6	-	-	-	60	-
PB6	SB5	15	-	-	-	-
PB6	SB6	10	-	-	-	-
PB6	SB7	35	-	-	-	-
PB6	PB7	-	-	-	130	-
PB7	SB10	-	15	-	-	-
PB7	SB11	10	-	-	-	-
PB7	PB8	-	-	-	70	-
PB8	SB8	40	-	-	-	-
PB8	SB9	25	-	-	-	-
PB7	PB10	-	-	-	70	-
PB10	PB9	10	-	-	-	-
PB10	SB12	5	-	-	-	-
PB10	PB11	-	-	-	110	-
PB11	SB13	5	-	-	-	-
PB11	PB12	-	70	-	-	-
PB12	SB14	10	-	-	-	-
PB12	PB13	205	-	-	-	-
PB13	PB14	150	-	-	-	-
PB12	PB15	-	-	-	120	-
PB15	SB15	-	20	-	-	-
PB15	PB16	-	-	-	100	-
PB16	SB16	20	-	-	-	-
PB16	CB1	-	60	-	-	-
TOTAL		970	465		720	

* QUANTITY SHOWN ELSEWHERE ON PLAN

CONCRETE BASES				654.0101*	654.0102*	654.0120*	654.0217*
				CONCRETE	CONCRETE	CONCRETE BASES	CONCRETE CONTROL
				BASES	BASES	TYPE 10	CABINET BASES
				TYPE 1	TYPE 2	SPECIAL	TYPE 9 SPECIAL
SIGNAL	LOCATION	STA	OFFSET	EACH	EACH	EACH	EACH
BASE NO.							
CB1	251+38.7	74.8 RT		-	-	-	1
SB1	250+66.6	57.0 RT		1	-	-	-
SB2	250+38.2	56.2 RT		1	-	-	-
SB3	250+12.1	56.3 RT		-	1	-	-
SB4	250+13.1	23.0 RT		1	-	-	-
SB5	250+3.4	9.0 LT		1	-	-	-
SB6	249+78.6	8.5 LT		1	-	-	-
SB7	249+53.7	8.9 LT		1	-	-	-
SB8	249+61.2	56.5 LT		1	-	-	-
SB9	249+75.8	63.6 LT		-	1	-	-
SB10	250+13.2	48.7 LT		-	-	1	-
SB11	250+24.6	58.8 LT		1	-	-	-
SB12	250+55.1	74.5 LT		-	1	-	-
SB13	251+10.9	62.5 LT		1	-	-	-
SB14	251+27.5	54.1 LT		1	-	-	-
SB15	251+18.7	1.0 RT		-	-	1	-
SB16	251+17.7	56.5 RT		1	-	-	-
TOTAL		TOTAL		11	3	2	1

* QUANTITY SHOWN ELSEWHERE ON PLAN

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STH 181 & NORTHRIDGE DR

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0240*	655.0260*	655.0270*
		CABLE	CABLE	CABLE
TRAFFIC SIGNAL CABLE				
		7-14 AWG	12-14 AWG	15-14 AWG
FROM	TO	L.F.	L.F.	L.F.
CB1	SB1	175	-	-
CB1	SB2	165	-	-
CB1	SB3	-	230	-
CB1	SB4	275	-	-
CB1	SB5	315	-	-
CB1	SB6	310	-	-
CB1	SB7	335	-	-
CB1	SB8	470	-	-
CB1	SB9	455	-	-
CB1	SB10	-	-	390
CB1	SB11	-	385	-
CB1	SB13	260	-	-
CB1	SB14	-	215	-
CB1	SB15	-	150	-
CB1	SB16	85	-	-
TOTAL		2835	980	390

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0305*	655.0610*	
		CABLE TYPE UF	ELECTRICAL	
CABLE TYPE UF ELECTRICAL				
		2-12 AWG	WIRE	
GROUNDED LIGHTING				
		12 AWG		
FROM	TO	L.F.	L.F.	
CB1	SB3	220	-	
SB3	LUMINAIRE 1	-	120	
SB3	SB10	245	-	
SB3	LUMINAIRE 1	-	145	
SB10	SB9	115	-	
SB9	LUMINAIRE 1	-	120	
CB1	SB15	150	-	
SB15	LUMINAIRE 1	-	145	
SB15	LUMINAIRE 2	-	145	
SB15	SB12	265	-	
SB12	LUMINAIRE 1	-	120	
SB12	LUMINAIRE 2	-	120	
TOTAL		995	915	

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0515*		
		ELECTRICAL		
WIRE TRAFFIC SIGNALS				
		10 AWG		
FROM	TO	L.F.		
CB1	SB1	180		
SB1	SB2	90		
SB2	SB3	130		
SB3	SB4	120		
SB4	SB5	115		
SB5	SB6	75		
SB6	SB7	95		
SB7	SB8	225		
SB8	SB9	115		
SB9	SB10	125		
SB10	SB11	75		
SB11	SB12	100		
SB12	SB13	115		
SB13	SB14	100		
SB14	SB15	140		
SB15	SB16	140		
SB16	CB1	90		
SB2	PB1	35		
SB3	PB2	45		
SB4	PB5	45		
SB5	PB6	40		
SB10	PB7	40		
SB9	PB8	50		
SB12	PB10	30		
SB13	PB11	30		
SB14	PB12	35		
SB15	PB15	45		
CB1	PB16	45		
TOTAL		2470		

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0230*		
		TO CABLE		
TRAFFIC SIGNAL HEAD 5-14 AWG				
FROM	NUMBER	L.F.		
SB1	11	20		
SB2	12	20		
SB3	1	20		
SB3	16	20		
SB5	4	20		
SB6	14	20		
SB7	15	20		
SB8	18	20		
SB9	13	20		
SB10	8	60		
SB10	9	45		
SB10	17	20		
SB10	19	20		
SB11	10	20		
SB11	20	20		
SB13	21	20		
SB14	7	20		
SB14	22	20		
SB15	2	55		
SB15	3	70		
SB15	5	20		
SB15	6	35		
SB16	23	20		
TOTAL		625		

* QUANTITY SHOWN ELSEWHERE ON PLAN

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ID 2140-14-70
Revised Sheet 645
October 3, 2025

STH 181 & NORTHRIDGE DR

SIGNAL BASE NO.	POLES														PEDESTRIAN				LUMINAIRES								
	657.0100*		657.0255**		657.0310*		657.0405*		657.0420*		657.0430*		657.0609*		SPV.0060.07*		SPV.0060.12*		SPV.0060.14*		SPV.0060.15*		658.0500*		659.1125*		
	PEDESTAL BASES	TRANSFORMER BASES BREAKAWAY	11 1/2-INCH BOLT CIRCLE	POLES TYPE 3	TRAFFIC SIGNAL STANDARDS	TRAFFIC SIGNAL STANDARDS	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM	TRAFFIC SIGNAL ALUMINUM
SB1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB9	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11	3	3	3	1	7	3	4	2	1	1	3	10	7	-	-	-	-	-	-	-	-	-	-	-	-	-

* QUANTITY SHOWN ELSEWHERE ON PLAN

* QUANTITY SHOWN ELSEWHERE ON PLAN

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STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY	
EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET
2	POLES TYPE 9
4	POLES TYPE 10
2	MONOTUBE ARMS 15-FT
4	MONOTUBE ARMS 30-FT
6	LUMINAIRE ARMS STEEL 15-FT

REMOVING TRAFFIC SIGNALS	
204.9060.S.11	
REMOVING	
TRAFFIC SIGNALS	
LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

REMOVING WIRE	
204.9060.S.22	
REMOVING	
LOOP DETECTOR WIRE	
AND LEAD-IN CABLE	
LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS	
661.0201.11	
TEMPORARY TRAFFIC	
SIGNALS FOR	
INTERSECTIONS	
LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET
2	POLES TYPE 9
4	POLES TYPE 10
2	MONOTUBE ARMS 15-FT
4	MONOTUBE ARMS 30-FT
6	LUMINAIRE ARMS STEEL 15-FT

REMOVING TRAFFIC SIGNALS

204.9060.S.11

REMOVING TRAFFIC SIGNALS

LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

REMOVING WIRE

204.9060.S.22

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE

LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS

661.0201.11

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	EACH
STH 181 AT NORTHRIDGE LAKES BLVD	1
TOTAL	1

STH 181 & NORTHRIDGE LAKES BLVD

LAMP, BALLAST, LED, SWITCH DISPOSAL	
659.5000.S*	
LAMP, BALLAST, SWITCH DISPOSAL BY CONTRACTOR	
FIXTURE TYPE	EACH
TRAFFIC SIGNAL, THREE SECTION	12
TRAFFIC SIGNAL, FIVE SECTION	4
TRAFFIC SIGNAL, PEDESTRIAN	8
LED LAMP	8
MERCURY SWITCHES	1
TOTAL	33
* QUANTITY SHOWN ELSEWHERE ON PLAN	

REMOVING CONCRETE BASES	
204.0195*	
REMOVING CONCRETE BASES	
SIGNAL BASE NO.	EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
CB1	1
TOTAL	15
* QUANTITY SHOWN ELSEWHERE ON PLAN	

REMOVING PULL BOXES	
653.0905*	
REMOVING PULL BOXES	
PULL BOX NO.	EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
TOTAL	23
* QUANTITY SHOWN ELSEWHERE ON PLAN	

PROJECT NO: 2140-14-70

HWY: STH 181

SHEET: 648

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ID 2140-14-70

REVISED SHEET 648

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HWY: STH 181

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CONDUIT			
652.0225*		652.0235*	652.0615*
CONDUIT RIGID		CONDUIT RIGID	CONDUIT
NONMETALLIC		NONMETALLIC	SPECIAL
SCHEDULE 40		SCHEDULE 40	3-INCH
2-INCH		3-INCH	
FROM	TO	L.F.	L.F.
CB1	PB1	-	-
PB1	PB2	205	-
PB2	PB3	150	-
PB1	PB4	-	120
PB4	SB1	20	-
PB4	PB5	-	30
PB5	SB2	-	-
PB5	PB6	-	60
PB6	SB3	-	-
PB6	PB7	-	-
PB7	PB8	5	-
PB7	SB4	20	-
PB7	PB9	-	90
PB9	PB10	5	-
PB9	SB5	5	-
PB11	PB11	-	70
PB11	SB6	-	-
PB11	PB12	-	-
PB12	SB7	40	-
PB12	PB13	190	-
PB13	PB14	150	-
PB12	PB15	-	80
PB15	SB8	30	-
PB15	PB16	-	30
PB16	SB9	-	-
PB16	PB17	-	-
PB17	SB10	-	70
PB17	PB18	-	-
PB18	SB11	10	-
PB18	PB19	5	-
PB19	PB20	160	-
PB18	PB21	-	90
PB21	SB12	10	-
PB21	PB22	-	100
PB22	PB23	-	40
PB23	SB13	-	-
PB23	SB14	5	-
PB22	CB1	-	-
TOTAL		1010	780

* QUANTITY SHOWN ELSEWHERE ON PLAN

CONCRETE BASES			
654.0101*		654.0102*	654.0217*
CONCRETE BASES		CONCRETE BASES	CONCRETE CONTROL CABINET BASES
TYPE 1		TYPE 2	TYPE 9 SPECIAL
SIGNAL	LOCATION	TYPE 1	TYPE 9 SPECIAL
BASE NO.	STA	TYPE 1	TYPE 9 SPECIAL
BASE NO.	STA	TYPE 1	TYPE 9 SPECIAL
CB1	256+67.2	84.2 RT	1
SB1	256+79.5	9.3 RT	-
SB2	256+68.1	8.7 LT	-
SB3	256+77.1	43.4 LT	-
SB4	256+93.5	60.3 LT	-
SB5	257+39.9	67.4 LT	-
SB6	257+82.6	61.6 LT	-
SB7	257+94.8	52.6 LT	-
SB8	257+95.5	9.3 LT	-
SB9	258+02.1	9.1 RT	-
SB10	257+96.3	48.5 RT	-
SB11	257+80.6	61.2 RT	-
SB12	257+30.2	72.0 RT	-
SB13	256+91.0	50.9 RT	-
SB14	256+77.8	42.3 RT	-
TOTAL		6	6

* QUANTITY SHOWN ELSEWHERE ON PLAN

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STH 181 & NORTHRIDGE LAKES BLVD

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0240*	655.0260*	655.0270*
		CABLE	CABLE	CABLE
TRAFFIC SIGNAL CABLE AND WIRE				
		7-14 AWG	12-14 AWG	15-14 AWG
FROM	TO	L.F.	L.F.	L.F.
CB1	SB1	160	-	-
CB1	SB2	-	170	-
CB1	SB3	-	225	-
CB1	SB4	-	-	320
CB1	SB5	-	335	-
CB1	SB6	-	415	-
CB1	SB7	-	-	435
CB1	SB8	370	-	-
CB1	SB9	-	335	-
CB1	SB10	-	290	-
CB1	SB11	-	-	190
CB1	SB12	-	130	-
CB1	SB13	-	130	-
CB1	SB14	-	-	115
TOTAL		530	2030	1060

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0305*	655.0610*	
		CABLE TYPE	UF	ELECTRICAL
CABLE TYPE UF ELECTRICAL				
		2-12 AWG	WIRE	
		GROUNDING	LIGHTING	
		12 AWG		
FROM	TO	L.F.	L.F.	
CB1	SB2	175	-	
SB2	LUMINAIRE 1	-	145	
SB2	LUMINAIRE 2	-	145	
SB2	SB4	205	-	
SB4	LUMINAIRE 1	-	120	
SB4	SB6	195	-	
SB6	LUMINAIRE 1	-	145	
CB1	SB13	130	-	
SB13	LUMINAIRE 1	-	145	
SB13	SB11	255	-	
SB11	LUMINAIRE 1	-	120	
SB11	SB9	205	-	
SB9	LUMINAIRE 1	-	145	
SB9	LUMINAIRE 2	-	145	
TOTAL		1165	1110	

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0515*		
		ELECTRICAL		
WIRE TRAFFIC SIGNALS				
		10 AWG		
FROM	TO	L.F.		
CB1	SB1	140		
SB1	SB2	95		
SB2	SB3	110		
SB3	SB4	155		
SB4	SB5	120		
SB5	SB6	110		
SB6	SB7	175		
SB7	SB8	165		
SB8	SB9	120		
SB9	SB10	140		
SB10	SB11	155		
SB11	SB12	115		
SB12	SB13	175		
SB13	SB14	75		
SB14	CB1	110		
CB1	PB1	35		
SB1	PB4	55		
SB2	PB5	35		
SB3	PB6	45		
SB4	PB7	45		
SB5	PB9	30		
SB6	PB11	45		
SB7	PB12	65		
SB8	PB15	55		
SB9	PB16	50		
SB10	PB17	55		
SB11	PB18	35		
SB12	PB21	35		
CB1	PB22	35		
SB13	PB23	45		
TOTAL		2625		

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE				
		655.0230*	655.0240*	
		CABLE	CABLE	
TO SIGNAL HEAD				
		5-14 AWG	7-14 AWG	
FROM	NUMBER	L.F.	L.F.	
SB2	4	-	20	
SB2	12	-	35	
SB3	8	55	-	
SB3	9	40	-	
SB3	26	20	-	
SB4	13	20	-	
SB4	23	-	20	
SB4	27	20	-	
SB5	16	-	20	
SB5	24	-	20	
SB6	20	55	-	
SB6	21	40	-	
SB6	28	20	-	
SB7	5	-	20	
SB7	7	20	-	
SB7	29	20	-	
SB9	6	-	20	
SB9	10	-	20	
SB10	2	55	-	
SB10	3	40	-	
SB10	30	20	-	
SB11	17	-	20	
SB11	19	20	-	
SB11	31	20	-	
SB12	18	-	20	
SB12	22	-	20	
SB13	14	55	-	
SB13	15	40	-	
SB13	32	20	-	
SB14	1	20	-	
SB14	11	-	20	
SB14	25	20	-	
TOTAL		620	255	

* QUANTITY SHOWN ELSEWHERE ON PLAN

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Revised Sheet 651
October 3, 2025

STH 181 & NORTHRIDGE LAKES BLVD

SIGNAL BASE NO.	POLES										PEDESTRIAN PUSH BUTTONS EACH	LUMINAIRES UTILITY LED C EACH
	657.0100*	657.0255*+ TRANSFORMER BASES BREAKAWAY	657.0310* TRAFFIC SIGNAL STANDARDS	657.0405* TRAFFIC SIGNAL STANDARDS	657.0425* TRAFFIC SIGNAL STANDARDS	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT		
	PEDESTAL BASES EACH	11 1/2-INCH BOLT/CIRCLE EACH	POLES TYPE 3 EACH	ALUMINUM 3.5-FT EACH	ALUMINUM 15-FT EACH	ALUMINUM 15-FT EACH	ALUMINUM 15-FT EACH	ALUMINUM 15-FT EACH	ALUMINUM 15-FT EACH	ALUMINUM 15-FT EACH		
SB1	1	-	-	1	-	-	-	-	-	-	1	-
SB2	-	-	-	-	-	-	-	-	-	-	-	2
SB3	-	-	-	-	-	-	-	-	-	-	-	-
SB4	-	1	1	-	-	1	-	-	-	-	1	1
SB5	1	-	-	-	1	-	-	-	-	-	-	-
SB6	-	-	-	-	-	-	-	-	-	-	1	1
SB7	1	-	-	-	1	-	-	-	-	-	1	-
SB8	1	-	-	1	-	-	-	-	-	-	1	-
SB9	-	-	-	-	-	-	-	-	-	-	-	2
SB10	-	-	-	-	-	-	1	-	-	-	1	-
SB11	-	1	1	-	-	1	-	-	-	-	1	1
SB12	1	-	-	-	1	-	-	-	-	-	-	-
SB13	-	-	-	-	-	-	-	-	-	-	1	1
SB14	1	-	-	-	1	-	-	-	-	-	1	-
TOTAL	6	2	2	2	4	2	2	2	2	4	10	8

* QUANTITY SHOWN ELSEWHERE ON PLAN

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Revised Sheet 652
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Proposal Schedule of Items

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Proposal ID: 20251014030 Project(s): 2140-14-70

Federal ID(s): WISC 2025601

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	204.0100 Removing Concrete Pavement	310.000 SY	_____.	_____.
0004	204.0110 Removing Asphaltic Surface	1,030.000 SY	_____.	_____.
0006	204.0115 Removing Asphaltic Surface Butt Joints	520.000 SY	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	208,740.000 SY	_____.	_____.
0010	204.0150 Removing Curb & Gutter	3,550.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	3,290.000 SY	_____.	_____.
0014	204.0165 Removing Guardrail	1,140.000 LF	_____.	_____.
0016	204.0195 Removing Concrete Bases	178.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	2.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 01. 12-Inch	45.000 LF	_____.	_____.
0022	204.9060.S Removing (item description) 01. Traffic Signals STH 181 at Florist Ave	1.000 EACH	_____.	_____.
0024	204.9060.S Removing (item description) 02. Traffic Signals STH 181 at Mill Rd	1.000 EACH	_____.	_____.
0026	204.9060.S Removing (item description) 03. Traffic Signals STH 181 at Acacia St	1.000 EACH	_____.	_____.
0028	204.9060.S Removing (item description) 04. Traffic Signals STH 181 at Green Tree Rd	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.9060.S Removing (item description) 05. Traffic Signals STH 181 at Good Hope Rd	1.000 EACH	_____.	_____.
0032	204.9060.S Removing (item description) 06. Traffic Signals STH 181 at Calumet Rd	1.000 EACH	_____.	_____.
0034	204.9060.S Removing (item description) 07. Traffic Signals STH 181 at Bradley Rd	1.000 EACH	_____.	_____.
0036	204.9060.S Removing (item description) 08. Traffic Signals STH 181 at Tower Rd	1.000 EACH	_____.	_____.
0038	204.9060.S Removing (item description) 09. Traffic Signals STH 181 at Servite/Dean Rd	1.000 EACH	_____.	_____.
0040	204.9060.S Removing (item description) 10. Traffic Signals STH 181 at Northridge Dr	1.000 EACH	_____.	_____.
0042	204.9060.S Removing (item description) 11. Traffic Signals STH 181 at Northridge Lakes Blvd	1.000 EACH	_____.	_____.
0044	204.9060.S Removing (item description) 12. Loop Detector Wire and Lead-In Cable STH 181 at Florist Ave	1.000 EACH	_____.	_____.
0046	204.9060.S Removing (item description) 13. Loop Detector Wire and Lead-In Cable STH 181 at Mill Rd	1.000 EACH	_____.	_____.
0048	204.9060.S Removing (item description) 14. Loop Detector Wire and Lead-In Cable STH 181 at Acacia St	1.000 EACH	_____.	_____.
0050	204.9060.S Removing (item description) 15. Loop Detector Wire and Lead-In Cable STH 181 at Green Tree Rd	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0052	204.9060.S Removing (item description) 16. Loop Detector Wire and Lead-In Cable STH 181 at Good Hope Rd	1.000 EACH	_____.	_____.
0054	204.9060.S Removing (item description) 17. Loop Detector Wire and Lead-In Cable STH 181 at Calumet Rd	1.000 EACH	_____.	_____.
0056	204.9060.S Removing (item description) 18. Loop Detector Wire and Lead-In Cable STH 181 at Bradley Rd	1.000 EACH	_____.	_____.
0058	204.9060.S Removing (item description) 19. Loop Detector Wire and Lead-In Cable STH 181 at Tower Ave	1.000 EACH	_____.	_____.
0060	204.9060.S Removing (item description) 20. Loop Detector Wire and Lead-In Cable STH 181 at Servite/Dean Rd	1.000 EACH	_____.	_____.
0062	204.9060.S Removing (item description) 21. Loop Detector Wire and Lead-In Cable STH 181 at Northridge Dr	1.000 EACH	_____.	_____.
0064	204.9060.S Removing (item description) 22. Loop Detector Wire and Lead-In Cable STH 181 at Northridge Lakes Blvd	1.000 EACH	_____.	_____.
0066	204.9060.S Removing (item description) 23. Loop Detector Wire and Lead-In Cable STH 181 at STH 100	1.000 EACH	_____.	_____.
0068	205.0100 Excavation Common	1,360.000 CY	_____.	_____.
0070	206.5001 Cofferdams (structure) 01. C-40-0053	1.000 EACH	_____.	_____.
0072	208.0100 Borrow	170.000 CY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0074	208.1100 Select Borrow	90.000 CY	_____.	_____.
0076	213.0100 Finishing Roadway (project) 01. 2140-14-70	1.000 EACH	_____.	_____.
0078	305.0120 Base Aggregate Dense 1 1/4-Inch	1,422.000 TON	_____.	_____.
0080	390.0405 Base Patching Concrete SHES	85.000 CY	_____.	_____.
0082	416.0610 Drilled Tie Bars	350.000 EACH	_____.	_____.
0084	416.0620 Drilled Dowel Bars	408.000 EACH	_____.	_____.
0086	416.1715 Concrete Pavement Repair SHES	1,025.000 SY	_____.	_____.
0088	450.4000 HMA Cold Weather Paving	3,920.000 TON	_____.	_____.
0090	455.0605 Tack Coat	29,300.000 GAL	_____.	_____.
0092	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	2.000 EACH	_____.	_____.
0094	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	2.000 EACH	_____.	_____.
0096	460.2005 Incentive Density PWL HMA Pavement	50,230.000 DOL	1.00000	50,230.00
0098	460.2007 Incentive Density HMA Pavement Longitudinal Joints	16,380.000 DOL	1.00000	16,380.00
0100	460.2010 Incentive Air Voids HMA Pavement	25,810.000 DOL	1.00000	25,810.00
0102	460.6223 HMA Pavement 3 MT 58-28 S	28,250.000 TON	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0104	460.6224 HMA Pavement 4 MT 58-28 S	21,972.000 TON	_____.	_____.
0106	465.0110 Asphaltic Surface Patching	717.000 TON	_____.	_____.
0108	509.1500 Concrete Surface Repair	200.000 SF	_____.	_____.
0110	522.0412 Culvert Pipe Reinforced Concrete Class IV 12-Inch	44.000 LF	_____.	_____.
0112	601.0407 Concrete Curb & Gutter 18-Inch Type D	610.000 LF	_____.	_____.
0114	601.0409 Concrete Curb & Gutter 30-Inch Type A	147.000 LF	_____.	_____.
0116	601.0411 Concrete Curb & Gutter 30-Inch Type D	2,143.000 LF	_____.	_____.
0118	601.0415 Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	640.000 LF	_____.	_____.
0120	601.0600 Concrete Curb Pedestrian	467.000 LF	_____.	_____.
0122	602.0410 Concrete Sidewalk 5-Inch	36,153.000 SF	_____.	_____.
0124	602.0505 Curb Ramp Detectable Warning Field Yellow	1,232.000 SF	_____.	_____.
0126	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	150.000 SF	_____.	_____.
0128	606.0100 Riprap Light	10.000 CY	_____.	_____.
0130	611.0624 Inlet Covers Type H	2.000 EACH	_____.	_____.
0132	611.3004 Inlets 4-FT Diameter	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0134	611.3230 Inlets 2x3-FT	1.000 EACH	_____.	_____.
0136	611.8110 Adjusting Manhole Covers	232.000 EACH	_____.	_____.
0138	611.8115 Adjusting Inlet Covers	8.000 EACH	_____.	_____.
0140	611.8120.S Cover Plates Temporary	417.000 EACH	_____.	_____.
0142	611.9710 Salvaged Inlet Covers	2.000 EACH	_____.	_____.
0144	614.2300 MGS Guardrail 3	500.000 LF	_____.	_____.
0146	614.2330 MGS Guardrail 3 K	325.000 LF	_____.	_____.
0148	614.2500 MGS Thrie Beam Transition	4.000 LF	_____.	_____.
0150	614.2610 MGS Guardrail Terminal EAT	3.000 EACH	_____.	_____.
0152	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0154	616.0204 Fence Chain Link 4-FT	72.000 LF	_____.	_____.
0156	619.1000 Mobilization	1.000 EACH	_____.	_____.
0158	620.0300 Concrete Median Sloped Nose	154.000 SF	_____.	_____.
0160	625.0100 Topsoil	4,437.000 SY	_____.	_____.
0162	628.1504 Silt Fence	3,260.000 LF	_____.	_____.
0164	628.1520 Silt Fence Maintenance	3,260.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0166	628.1905 Mobilizations Erosion Control	11.000 EACH	_____.	_____.
0168	628.1910 Mobilizations Emergency Erosion Control	8.000 EACH	_____.	_____.
0170	628.7005 Inlet Protection Type A	15.000 EACH	_____.	_____.
0172	628.7015 Inlet Protection Type C	440.000 EACH	_____.	_____.
0174	628.7504 Temporary Ditch Checks	230.000 LF	_____.	_____.
0176	629.0210 Fertilizer Type B	2.820 CWT	_____.	_____.
0178	631.1000 Sod Lawn	4,437.000 SY	_____.	_____.
0180	634.0618 Posts Wood 4x6-Inch X 18-FT	500.000 EACH	_____.	_____.
0182	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	4.000 EACH	_____.	_____.
0184	637.2210 Signs Type II Reflective H	4,458.200 SF	_____.	_____.
0186	637.2215 Signs Type II Reflective H Folding	731.080 SF	_____.	_____.
0188	637.2230 Signs Type II Reflective F	1,152.250 SF	_____.	_____.
0190	638.2102 Moving Signs Type II	13.000 EACH	_____.	_____.
0192	638.2602 Removing Signs Type II	627.000 EACH	_____.	_____.
0194	638.3000 Removing Small Sign Supports	418.000 EACH	_____.	_____.
0196	643.0300 Traffic Control Drums	107,885.000 DAY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0198	643.0420 Traffic Control Barricades Type III	30,314.000 DAY	_____.	_____.
0200	643.0705 Traffic Control Warning Lights Type A	60,628.000 DAY	_____.	_____.
0202	643.0715 Traffic Control Warning Lights Type C	10,906.000 DAY	_____.	_____.
0204	643.0810.S Connected Arrow Board	754.000 DAY	_____.	_____.
0206	643.0900 Traffic Control Signs	43,472.000 DAY	_____.	_____.
0208	643.0920 Traffic Control Covering Signs Type II	1.000 EACH	_____.	_____.
0210	643.1070 Traffic Control Cones 42-Inch	137,971.000 DAY	_____.	_____.
0212	643.1220.S Connected Work Zone Start and End Location Markers	76.000 DAY	_____.	_____.
0214	643.3165 Temporary Marking Line Paint 6-Inch	45,006.000 LF	_____.	_____.
0216	643.3180 Temporary Marking Line Removable Tape 6-Inch	62,551.000 LF	_____.	_____.
0218	643.3185 Temporary Marking Line Removable Contrast Tape 6-Inch	2,303.000 LF	_____.	_____.
0220	643.3265 Temporary Marking Line Paint 10-Inch	2,871.000 LF	_____.	_____.
0222	643.3280 Temporary Marking Line Removable Tape 10-Inch	11,869.000 LF	_____.	_____.
0224	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0226	644.1430 Temporary Pedestrian Surface Plate	5,194.000 SF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0228	644.1601 Temporary Pedestrian Curb Ramp	630.000 DAY	_____.	_____.
0230	644.1605 Temporary Pedestrian Detectable Warning Field	1,651.000 SF	_____.	_____.
0232	644.1810 Temporary Pedestrian Barricade	13,146.000 LF	_____.	_____.
0234	644.1900.S Temporary Audible Message Devices	319.000 DAY	_____.	_____.
0236	645.0130 Geotextile Type R	25.000 SY	_____.	_____.
0238	646.2025 Marking Line Grooved Black Epoxy 6-Inch	16,075.000 LF	_____.	_____.
0240	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	111,264.000 LF	_____.	_____.
0242	646.4025 Marking Line Grooved Black Epoxy 10-Inch	1,969.000 LF	_____.	_____.
0244	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	26,405.000 LF	_____.	_____.
0246	646.5020 Marking Arrow Epoxy	149.000 EACH	_____.	_____.
0248	646.5120 Marking Word Epoxy	35.000 EACH	_____.	_____.
0250	646.6120 Marking Stop Line Epoxy 18-Inch	1,750.000 LF	_____.	_____.
0252	646.6466 Cold Weather Marking Epoxy 6-Inch	27,816.000 LF	_____.	_____.
0254	646.6470 Cold Weather Marking Epoxy 10-Inch	6,601.000 LF	_____.	_____.
0256	646.7120 Marking Diagonal Epoxy 12-Inch	6,593.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0258	646.7220 Marking Chevron Epoxy 24-Inch	178.000 LF	_____.	_____.
0260	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	6,288.000 LF	_____.	_____.
0262	646.8120 Marking Curb Epoxy	2,022.000 LF	_____.	_____.
0264	646.8220 Marking Island Nose Epoxy	81.000 EACH	_____.	_____.
0266	650.4000 Construction Staking Storm Sewer	2.000 EACH	_____.	_____.
0268	650.5500 Construction Staking Curb Gutter and Curb & Gutter	3,510.000 LF	_____.	_____.
0270	650.8000 Construction Staking Resurfacing Reference	27,544.000 LF	_____.	_____.
0272	650.8501 Construction Staking Electrical Installations (project) 01. 2140-14-70	1.000 EACH	_____.	_____.
0274	650.9000 Construction Staking Curb Ramps	134.000 EACH	_____.	_____.
0276	650.9500 Construction Staking Sidewalk (project) 01. 2140-14-70	1.000 EACH	_____.	_____.
0278	650.9911 Construction Staking Supplemental Control (project) 01. 2140-14-70	1.000 EACH	_____.	_____.
0280	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	7,000.000 LF	_____.	_____.
0282	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	6,205.000 LF	_____.	_____.
0284	652.0605 Conduit Special 2-Inch	5,500.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0286	652.0615 Conduit Special 3-Inch	8,515.000 LF	_____.	_____.
0288	652.0800 Conduit Loop Detector	20,708.000 LF	_____.	_____.
0290	653.0135 Pull Boxes Steel 24x36-Inch	51.000 EACH	_____.	_____.
0292	653.0140 Pull Boxes Steel 24x42-Inch	187.000 EACH	_____.	_____.
0294	653.0905 Removing Pull Boxes	230.000 EACH	_____.	_____.
0296	654.0101 Concrete Bases Type 1	88.000 EACH	_____.	_____.
0298	654.0102 Concrete Bases Type 2	7.000 EACH	_____.	_____.
0300	654.0110 Concrete Bases Type 10	40.000 EACH	_____.	_____.
0302	654.0120 Concrete Bases Type 10-Special	22.000 EACH	_____.	_____.
0304	654.0217 Concrete Control Cabinet Bases Type 9 Special	11.000 EACH	_____.	_____.
0306	655.0230 Cable Traffic Signal 5-14 AWG	7,930.000 LF	_____.	_____.
0308	655.0240 Cable Traffic Signal 7-14 AWG	12,905.000 LF	_____.	_____.
0310	655.0260 Cable Traffic Signal 12-14 AWG	21,585.000 LF	_____.	_____.
0312	655.0270 Cable Traffic Signal 15-14 AWG	8,890.000 LF	_____.	_____.
0314	655.0305 Cable Type UF 2-12 AWG Grounded	9,790.000 LF	_____.	_____.
0316	655.0515 Electrical Wire Traffic Signals 10 AWG	27,195.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0318	655.0610 Electrical Wire Lighting 12 AWG	11,010.000 LF	_____.	_____.
0320	655.0700 Loop Detector Lead In Cable	81,626.000 LF	_____.	_____.
0322	655.0800 Loop Detector Wire	81,151.000 LF	_____.	_____.
0324	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. STH 181 at Florist Ave	1.000 EACH	_____.	_____.
0326	656.0201 Electrical Service Meter Breaker Pedestal (location) 02. STH 181 at Mill Rd	1.000 EACH	_____.	_____.
0328	656.0201 Electrical Service Meter Breaker Pedestal (location) 03. STH 181 at Acacia St	1.000 EACH	_____.	_____.
0330	656.0201 Electrical Service Meter Breaker Pedestal (location) 04. STH 181 at Green Tree Rd	1.000 EACH	_____.	_____.
0332	656.0201 Electrical Service Meter Breaker Pedestal (location) 05. STH 181 at Good Hope Rd	1.000 EACH	_____.	_____.
0334	656.0201 Electrical Service Meter Breaker Pedestal (location) 06. STH 181 at Calumet Rd	1.000 EACH	_____.	_____.
0336	656.0201 Electrical Service Meter Breaker Pedestal (location) 07. STH 181 at Bradley Rd	1.000 EACH	_____.	_____.
0338	656.0201 Electrical Service Meter Breaker Pedestal (location) 08. STH 181 at Tower Ave	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0340	656.0201 Electrical Service Meter Breaker Pedestal (location) 09. STH 181 at Servite/Dean Rd	1.000 EACH	_____.	_____.
0342	656.0201 Electrical Service Meter Breaker Pedestal (location) 10. STH 181 at Northridge Dr	1.000 EACH	_____.	_____.
0344	656.0201 Electrical Service Meter Breaker Pedestal (location) 11. STH 181 at Northridge Lake Blvd	1.000 EACH	_____.	_____.
0346	657.0100 Pedestal Bases	88.000 EACH	_____.	_____.
0348	657.0255 Transformer Bases Breakaway 11 1/2- Inch Bolt Circle	7.000 EACH	_____.	_____.
0350	657.0310 Poles Type 3	7.000 EACH	_____.	_____.
0352	657.0405 Traffic Signal Standards Aluminum 3.5- FT	12.000 EACH	_____.	_____.
0354	657.0420 Traffic Signal Standards Aluminum 13-FT	20.000 EACH	_____.	_____.
0356	657.0425 Traffic Signal Standards Aluminum 15-FT	37.000 EACH	_____.	_____.
0358	657.0430 Traffic Signal Standards Aluminum 10-FT	19.000 EACH	_____.	_____.
0360	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	9.000 EACH	_____.	_____.
0362	658.0173 Traffic Signal Face 3S 12-Inch	165.000 EACH	_____.	_____.
0364	658.0174 Traffic Signal Face 4S 12-Inch	81.000 EACH	_____.	_____.
0366	658.0416 Pedestrian Signal Face 16-Inch	92.000 EACH	_____.	_____.



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0368	658.0500 Pedestrian Push Buttons	119.000 EACH	_____.	_____.
0370	658.5070 Signal Mounting Hardware (location) 01. STH 181 at Florist Ave	1.000 EACH	_____.	_____.
0372	658.5070 Signal Mounting Hardware (location) 02. STH 181 at Mill Rd	1.000 EACH	_____.	_____.
0374	658.5070 Signal Mounting Hardware (location) 03. STH 181 at Acacia St	1.000 EACH	_____.	_____.
0376	658.5070 Signal Mounting Hardware (location) 04. STH 181 at Green Tree Rd	1.000 EACH	_____.	_____.
0378	658.5070 Signal Mounting Hardware (location) 05. STH 181 at Good Hope Rd	1.000 EACH	_____.	_____.
0380	658.5070 Signal Mounting Hardware (location) 06. STH 181 at Calumet Rd	1.000 EACH	_____.	_____.
0382	658.5070 Signal Mounting Hardware (location) 07. STH 181 at Bradley Rd	1.000 EACH	_____.	_____.
0384	658.5070 Signal Mounting Hardware (location) 08. STH 181 at Tower Ave	1.000 EACH	_____.	_____.
0386	658.5070 Signal Mounting Hardware (location) 09. STH 181 at Servite/Dean Rd	1.000 EACH	_____.	_____.
0388	658.5070 Signal Mounting Hardware (location) 10. STH 181 at Northridge Dr	1.000 EACH	_____.	_____.
0390	658.5070 Signal Mounting Hardware (location) 11. STH 181 at Northridge Lakes Blvd	1.000 EACH	_____.	_____.
0392	658.5070 Signal Mounting Hardware (location) 12. STH 181 at STH 100	1.000 EACH	_____.	_____.



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0394	659.1125 Luminaires Utility LED C	85.000 EACH	_____.	_____.
0396	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	361.000 EACH	_____.	_____.
0398	661.0201 Temporary Traffic Signals for Intersections (location) 01. STH 181 at Florist Ave	1.000 EACH	_____.	_____.
0400	661.0201 Temporary Traffic Signals for Intersections (location) 02. STH 181 at Mill Rd	1.000 EACH	_____.	_____.
0402	661.0201 Temporary Traffic Signals for Intersections (location) 03. STH 181 at Acacia St	1.000 EACH	_____.	_____.
0404	661.0201 Temporary Traffic Signals for Intersections (location) 04. STH 181 at Green Tree Rd	1.000 EACH	_____.	_____.
0406	661.0201 Temporary Traffic Signals for Intersections (location) 05. STH 181 at Good Hope Rd	1.000 EACH	_____.	_____.
0408	661.0201 Temporary Traffic Signals for Intersections (location) 06. STH 181 at Calumet Rd	1.000 EACH	_____.	_____.
0410	661.0201 Temporary Traffic Signals for Intersections (location) 07. STH 181 at Bradley Rd	1.000 EACH	_____.	_____.
0412	661.0201 Temporary Traffic Signals for Intersections (location) 09. STH 181 at Servite/Dean Rd	1.000 EACH	_____.	_____.
0414	661.0201 Temporary Traffic Signals for Intersections (location) 10. STH 181 at Northridge Dr	1.000 EACH	_____.	_____.



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Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0416	661.0201 Temporary Traffic Signals for Intersections (location) 11. STH 181 at Northridge Lakes Blvd	1.000 EACH	_____.	_____.
0418	690.0150 Sawing Asphalt	20,148.000 LF	_____.	_____.
0420	690.0250 Sawing Concrete	4,805.000 LF	_____.	_____.
0422	740.0440 Incentive IRI Ride	47,720.000 DOL	1.00000	47,720.00
0424	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	8,400.000 HRS	5.00000	42,000.00
0426	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	17,280.000 HRS	5.00000	86,400.00
0428	SPV.0060 Special 01. Utility Line Opening (ULO)	35.000 EACH	_____.	_____.
0430	SPV.0060 Special 02. Tuck Point Storm Sewer Structure	1.000 EACH	_____.	_____.
0432	SPV.0060 Special 03. Strapping C-40-0053	2.000 EACH	_____.	_____.
0434	SPV.0060 Special 04. Install Type 9 Pole	5.000 EACH	_____.	_____.
0436	SPV.0060 Special 05. Install Type 9 Special Pole	16.000 EACH	_____.	_____.
0438	SPV.0060 Special 06. Install Type 10 Pole	34.000 EACH	_____.	_____.
0440	SPV.0060 Special 07. Install Type 10 Special Pole	7.000 EACH	_____.	_____.
0442	SPV.0060 Special 08. Install Monotube Arms 15-FT	18.000 EACH	_____.	_____.
0444	SPV.0060 Special 09. Install Monotube Arms 20-FT	4.000 EACH	_____.	_____.



Proposal Schedule of Items

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Federal ID(s): WISC 2025601

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0446	SPV.0060 Special 10. Install Monotube Arms 25-FT	2.000 EACH	_____.	_____.
0448	SPV.0060 Special 11. Install Monotube Arms 30-FT	16.000 EACH	_____.	_____.
0450	SPV.0060 Special 12. Install Monotube Arms 35-FT Special	19.000 EACH	_____.	_____.
0452	SPV.0060 Special 13. Install Monotube Arms 40-FT	1.000 EACH	_____.	_____.
0454	SPV.0060 Special 14. Install Monotube Arms 45-FT Special	2.000 EACH	_____.	_____.
0456	SPV.0060 Special 15. Install Luminaire Arms Steel 15-FT	69.000 EACH	_____.	_____.
0458	SPV.0060 Special 16. Transport and Install State Furnished Traffic Signal Cabinet Florist Ave	1.000 EACH	_____.	_____.
0460	SPV.0060 Special 17. Transport and Install State Furnished Traffic Signal Cabinet Mill Rd	1.000 EACH	_____.	_____.
0462	SPV.0060 Special 18. Transport and Install State Furnished Traffic Signal Cabinet Acacia St	1.000 EACH	_____.	_____.
0464	SPV.0060 Special 19. Transport and Install State Furnished Traffic Signal Cabinet Green Tree Rd	1.000 EACH	_____.	_____.
0466	SPV.0060 Special 20. Transport and Install State Furnished Traffic Signal Cabinet Good Hope Rd	1.000 EACH	_____.	_____.
0468	SPV.0060 Special 21. Transport and Install State Furnished Traffic Signal Cabinet Calumet Rd	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20251014030 Project(s): 2140-14-70

Federal ID(s): WISC 2025601

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	SPV.0060 Special 22. Transport and Install State Furnished Traffic Signal Cabinet Bradley Rd	1.000 EACH	_____.	_____.
0472	SPV.0060 Special 23. Transport and Install State Furnished Traffic Signal Cabinet Tower Ave	1.000 EACH	_____.	_____.
0474	SPV.0060 Special 24. Transport and Install State Furnished Traffic Signal Cabinet Servite/Dean Rd	1.000 EACH	_____.	_____.
0476	SPV.0060 Special 25. Transport and Install State Furnished Traffic Signal Cabinet Northridge Dr	1.000 EACH	_____.	_____.
0478	SPV.0060 Special 26. Trnsprt & Install State Frnshd Trffc Sgnl Cabinet Northridge Lakes Blvd	1.000 EACH	_____.	_____.
0480	SPV.0060 Special 27. Transport Traffic Signal and Lighting Materials Florist Ave	1.000 EACH	_____.	_____.
0482	SPV.0060 Special 28. Transport Traffic Signal and Lighting Materials Mill Rd	1.000 EACH	_____.	_____.
0484	SPV.0060 Special 29. Transport Traffic Signal and Lighting Materials Acacia St	1.000 EACH	_____.	_____.
0486	SPV.0060 Special 30. Transport Traffic Signal and Lighting Materials Green Tree Rd	1.000 EACH	_____.	_____.
0488	SPV.0060 Special 31. Transport Traffic Signal and Lighting Materials Good Hope Rd	1.000 EACH	_____.	_____.
0490	SPV.0060 Special 32. Transport Traffic Signal and Lighting Materials Calumet Rd	1.000 EACH	_____.	_____.
0492	SPV.0060 Special 33. Transport Traffic Signal and Lighting Materials Bradley Rd	1.000 EACH	_____.	_____.



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Proposal ID: 20251014030 Project(s): 2140-14-70

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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0494	SPV.0060 Special 34. Transport Traffic Signal and Lighting Materials Tower Ave	1.000 EACH	_____.	_____.
0496	SPV.0060 Special 35. Transport Traffic Signal and Lighting Materials Servite/Dean Rd	1.000 EACH	_____.	_____.
0498	SPV.0060 Special 36. Transport Traffic Signal and Lighting Materials Northridge Dr	1.000 EACH	_____.	_____.
0500	SPV.0060 Special 37. Transport Traffic Signal and Lighting Materials Northridge Lake Blvd	1.000 EACH	_____.	_____.
0502	SPV.0060 Special 38. Modify Traffic Signal STH 181 & STH 100	1.000 EACH	_____.	_____.
0504	SPV.0060 Special 39. Inlet Covers Type H-D	1.000 EACH	_____.	_____.
0506	SPV.0060 Special 40. Cleaning Storm Sewer	2.000 EACH	_____.	_____.
0508	SPV.0060 Special 41. Adjusting Water Valve Boxes	178.000 EACH	_____.	_____.
0510	SPV.0060 Special 42. Adjusting Water Manholes	5.000 EACH	_____.	_____.
0512	SPV.0060 Special 43. Adjusting Sanitary Manholes	103.000 EACH	_____.	_____.
0514	SPV.0060 Special 44. Internal Manhole Seals	4.000 EACH	_____.	_____.
0516	SPV.0060 Special 45. Manhole Covers Type MS-58A	4.000 EACH	_____.	_____.
0518	SPV.0060 Special 46. Adjusting CUC Manhole Cover	24.000 EACH	_____.	_____.
0520	SPV.0060 Special 47. 4' Diameter "Doghouse" Manhole Type CUC	10.000 EACH	_____.	_____.



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Proposal ID: 20251014030 Project(s): 2140-14-70

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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0522	SPV.0060 Special 48. 5' Diameter "Doghouse" Manhole Type CUC	2.000 EACH	_____.	_____.
0524	SPV.0060 Special 49. Removing CUC Manhole	12.000 EACH	_____.	_____.
0526	SPV.0060 Special 50. Section Corner Monuments	7.000 EACH	_____.	_____.
0528	SPV.0060 Special 51. Removing Fence, R-40-76	1.000 EACH	_____.	_____.
0530	SPV.0060 Special 52. Field Office Facilities Office Space	1.000 EACH	_____.	_____.
0532	SPV.0075 Special 01. Street Sweeping	100.000 HRS	_____.	_____.
0534	SPV.0090 Special 01. Concrete Curb and Gutter 6-Inch Slope 18-Inch Type J	211.000 LF	_____.	_____.
0536	SPV.0090 Special 02. Marking Crosswalk Epoxy Block Style 12-Inch White	6,358.000 LF	_____.	_____.
0538	SPV.0195 Special 01. Excavation, Hauling, and Disposal of Lead Contaminated Soil	48.000 TON	_____.	_____.
0540	SPV.0195 Special 02. Excavation, Hauling, and Disposal of PAH Contaminated Soil	2.000 TON	_____.	_____.
0542	SPV.0195 Special 03. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	135.000 TON	_____.	_____.
0544	SPV.0195 Special 04. Asphaltic Repair	4,667.000 TON	_____.	_____.

Section: 0001

Total:

Total Bid: