



**ITEM 614, MAINTAINING TRAFFIC**

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

NO WORK SHALL BE PERFORMED AND LANES IN THE THEN CURRENT MAINTENANCE OF TRAFFIC SCHEME SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- NEW YEAR'S DAY (OBSERVED)
- MEMORIAL DAY
- FOURTH OF JULY (OBSERVED)
- LABOR DAY
- GENERAL/REGULAR ELECTION DAY (NOVEMBER)
- THANKSGIVING
- CHRISTMAS (OBSERVED)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENTS FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL	TIME ALL LANES MUST BE OPEN FOR TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
MONDAY (TOTAL SOLAR ECLIPSE)	12:00N FRIDAY THROUGH 6:00AM WEDNESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00AM TUESDAY THROUGH 12:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT FOUND IN THESE MOT NOTES.

ALL EXISTING RAMPS LANES SHALL BE OPEN AND AVAILABLE TO TRAFFIC IN THE ORIGINAL OR PROPOSED FINAL ALIGNMENT AT ALL TIMES EXCEPT FOR SINGLE LANE RAMPS MAYBE BE CLOSED FOR A PERIOD NOT TO EXCEED THE NUMBER OF CALENDAR DAYS LISTED IN THE WINDOW CONTRACT NOTE, WHEN TRAFFIC MAY BE DETOURED AS SHOWN ON SHEETS P.0084 TO P.0102. SHOULD THE CONTRACTOR FAIL TO MEET THESE REQUIREMENTS, A DISINCENTIVE SHALL BE ASSESSED ACCORDING TO THE TABLE IN THE WINDOW CONTRACT NOTE.

EXCEPT AS DESCRIBED IN THE APPROVED MAINTENANCE OF TRAFFIC POLICY EXCEPTION, A MINIMUM OF 4 LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES EAST OF THE HILLARD BLVD. INTERCHANGE BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, ITEM 502 STRUCTURE FOR MAINTAINING TRAFFIC, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, AND TEMPORARY SURFACES USING ITEMS 410 AND 614, EXCEPT 3 LANES SHALL BE IN EACH DIRECTION WEST OF THE HILLIARD BLVD. INTERCHANGE.

**ITEM 614, MAINTAINING TRAFFIC (CONTINUED)**

ALL EXISTING LANES, INCLUDING RAMPS, SHALL BE OPEN AND AVAILABLE TO TRAFFIC IN THE ORIGINAL OR PROPOSED FINAL ALIGNMENT DURING WINTER MONTHS DEFINED TO BE FROM OCTOBER 31 THROUGH MARCH 15. SHOULD THE CONTRACTOR FAIL TO MEET THESE REQUIREMENTS, A DISINCENTIVE SHALL BE ASSESSED ACCORDING TO THE TABLE IN THE INCENTIVE/DISINCENTIVE CONTRACT NOTE.

**SCHEDULE OF THROUGH LANES TO BE MAINTAINED**

ALL LANE CLOSURES MAY ONLY BE IMPLEMENTED AT THE TIMES PERMITTED BY THE "DISTRICT 12 PERMITTED LANE CLOSURE TIMES" LIST, WHICH IS LOCATED ON THE ODOT WEBSITE:

<http://www.dot.state.oh.us/districts/D12/HighwayManagement/Pages/PermittedLaneClosures.aspx>

THE LATEST REVISION, AT 14 DAYS PRIOR TO THE BID DATE, SHALL BE IN EFFECT FOR THIS PROJECT.

NO LANE OR SHOULDER CLOSURES SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED, UNLESS DIRECTED BY THE ENGINEER. SHOULDER CLOSURES SHALL ONLY BE ALLOWED AT THE TIMES SPECIFIED FOR LANE CLOSURES.

ANY ROADWAY NOT LISTED SHALL NOT HAVE ANY LANE CLOSURES ON WEEKDAYS FROM 6:30AM TO 9:00AM AND 3:00PM TO 6:00PM. CONTACT TROY ONESTI, DISTRICT 12 WORK ZONE TRAFFIC MANAGER, AT (216) 584-2204 IF THERE ARE ANY QUESTIONS.

WORK TO REPAIR THE FASCIA BEAM AT WOOSTER ROAD STRUCTURE CUY-00020-08.470 DETAILED ON SHEETS P.1352, P.1353 AND P.1355A SHALL BE PERFORMED AT TIMES ALLOWED BY THE "DISTRICT 12 PERMITTED LANE CLOSURE TIMES." ALL TRAFFIC CONTROL DEVICES NECESSARY TO COMPLETE THIS WORK SHALL BE IN ACCORDANCE WITH AND ARE INCIDENTAL TO THE LUMP SUM FOR ITEM 614 - MAINTAINING TRAFFIC. NO SEPARATE PAYMENT WILL BE MADE.

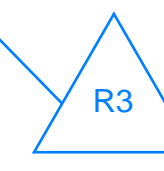
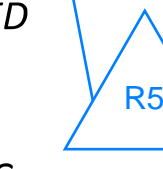
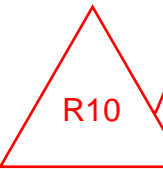
**APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION**

PORTIONS OF THE MOT PLANS AS DESCRIBED BELOW HAVE AN APPROVED MOT EXCEPTION PER TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

THE APPROVED MOT EXCEPTION INCLUDES A LONG-TERM SINGLE LANE CLOSURE FOR TWO CONSTRUCTION SEASONS EXCLUDING WINTER MONTHS FOR WINTER PHASE 2 AND WINTER PHASE 3 ON I-90 EB FROM STA 540+44 TO STA 662+88. THIS LANE CLOSURE PERMITS THE TOTAL NUMBER OF OPEN EASTBOUND LANES TO BE REDUCED FROM FOUR TO THREE.

A MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD A MINIMUM OF 30 CALENDAR DAYS PRIOR TO IMPLEMENTATION OF EACH APPROVED MOT EXCEPTION. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER, AS WELL AS THE CONTRACTOR, WORKSITE TRAFFIC SUPERVISOR (WTS) AND ANY SUBCONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL.

IN ADDITION TO ANY NOTIFICATIONS REQUIRED IN OTHER NOTES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST 3 BUSINESS DAYS IN ADVANCE OF IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE SO THAT THE PROJECT ENGINEER CAN SEND E-MAIL NOTIFICATION TO THE OFFICE OF ROADWAY ENGINEERING, STATEWIDE TMC, DWZTM AND SPECIAL HAULING PERMITS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE. REFERENCE "EXCEPTION REQUEST APPROVAL DATED 10/18/2022 FOR PID 76779" IN THE NOTIFICATION AND OTHER CORRESPONDENCE.



**APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION (CONTINUED)**

ANY CHANGES TO THE MOT THAT IMPACT THE PREVIOUSLY APPROVED MOT EXCEPTION(S) LISTED ABOVE SHALL BE APPROVED IN WRITING BY THE MOT EXCEPTION COMMITTEE (MOTEC). IN THE EVENT THAT SUCH CHANGES ARE PROPOSED, THE REQUEST SHALL BE COORDINATED THROUGH THE DISTRICT WORK ZONE TRAFFIC MANAGER (DWZTM) A MINIMUM OF 30 CALENDAR DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE. IF THE DISTRICT AGREES WITH THE PROPOSED CHANGES THE DWZTM SHALL SEEK APPROVAL FROM THE MOTEC. IN THE EVENT THE PROPOSED CHANGES ARE APPROVED IN WRITING, THE CLOSURES ARE STILL SUBJECT TO NOTIFICATION REQUIREMENTS WITHIN THIS NOTE PRIOR TO IMPLEMENTATION.

**LANE VALUE CONTRACT TABLE**

OUTSIDE OF WINTER MONTHS AND THE APPROVED MOT POLICY EXCEPTION, THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME THE DESCRIBED CRITICAL LANE/RAMP IS RESTRICTED FROM FULL USE BY THE TRAVELING PUBLIC WITHIN THE RESTRICTED TIME PERIOD. THE LANE VALUE CONTRACT TABLE IS LOCATED BELOW. THE DISINCENTIVES WILL BE ASSESSED FOR ALL RESTRICTIONS OF THE CRITICAL WORK.

CRITICAL WORK IS SHOWN IN THE LANE VALUE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTIONS OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE WITH SPECIFIED STRIPING AND SAFETY FEATURES IN PLACE. DISINCENTIVES SHALL APPLY TO EACH LANE RESTRICTED BEYOND THOSE ALLOWED IN THE D12 PERMITTED LANE TIMES.

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTION TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT PER LANE
I.R. 90 FROM LAKEVIEW AVE TO WOOSTER RD	AS PER THE D12 PERMITTED LANE TIMES	EACH MINUTE	\$275
I.R. 90 FROM WOOSTER RD TO WEST BLVD	AS PER THE D12 PERMITTED LANE TIMES	EACH MINUTE	\$265
RAMPS HA, HB, 117-12	ONE LANE OPEN AT ALL TIMES	EACH MINUTE	\$265

**INCENTIVE/DISINCENTIVE CONTRACT**

THE CONTRACTOR SHALL COMPLETE ALL CRITICAL WORK AND SAFETY ITEMS ACCORDING TO THE DISINCENTIVE CONTRACT TABLES. THE INCENTIVE/DISINCENTIVE CONTRACT TABLE ARE LOCATED BELOW. IN THE EVENT THE CONTRACTOR IMPEDES THE FLOW OF TRAFFIC SUBSEQUENT TO THE OPENING TO UNRESTRICTED TRAFFIC, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE ACCORDING TO THE INCENTIVE/DISINCENTIVE CONTRACT TABLE.

CRITICAL WORK IS SHOWN IN THE INCENTIVE/DISINCENTIVE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTION OF WORK OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLES, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE AT THEIR FINAL DESIGN WIDTH WITH ALL MARKINGS, RPM'S, AND SAFETY FEATURES INSTALLED, ALONG WITH NO RESTRICTIONS WITHIN 2 FEET OF THE EDGE LINE ON THE SHOULDERS.

DESCRIPTION OR LOCATION OF CRITICAL WORK	COMPLETION DATE	TIME PERIOD	DISINCENTIVE \$ PER TIME PERIOD	INCENTIVE \$ PER TIME PERIOD
PHASE 1 COMPLETE START WINTER PHASE 1	10/31/2024	DAY	\$10,000	\$0
PHASE 3 COMPLETE START WINTER PHASE 2	10/31/2025	DAY	\$10,000	\$0
PHASE 5 COMPLETE START WINTER PHASE 3	10/31/2026	DAY	\$10,000	\$0

**DUST CONTROL**

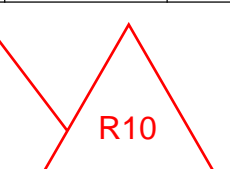
THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 353 M. GAL.

**DETOUR SIGNING**

DETOUR SIGNING SHALL BE AS DETAILED IN THE PLANS. THE FOLLOWING ITEM HAS BEEN INCLUDED IN THE GENERAL SUMMARY.

ITEM 614, DETOUR SIGNING LUMP SUM



SEQUENCE OF CONSTRUCTION

FOR TEMPORARY DRAINAGE, SEE MOT PLANS AND DRAINAGE DETAILS

PHASE 1

TRAFFIC:

1. TRAFFIC LOCATED ON ITS EXISTING PATTERN EXCEPT AS SHOWN IN THE PLANS CONSTRUCTION:

- 1. FOUR CROSSOVERS. FIRST WEST OF LAKEVIEW AVE, SECOND WEST OF WOOSTER RD, THIRD WEST OF ALGER RD, AND FOURTH EAST OF W 85TH ST
2. TEMPORARY PAVEMENT ON THE OUTSIDE OF RAMP HA
3. FASCIA BEAM REPAIR AT WOOSTER ROAD STRUCTURE CUY-00020-08.470

WINTER PHASE 1

- 1. ALL LANES ARE OPEN AND RESTORED TO THEIR PRE-CONSTRUCTION LOCATION EXCEPT AS DEPICTED. ALL LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE ODOT DISTRICT 12 PLCS. NO LANE CLOSURES WILL BE PERMITTED WHEN SNOW OR ICE IS FORECASTED. TEMPORARY TRAFFIC CONTROL DEVICES FOR SHORT-TERM LANE CLOSURES WILL BE REQUIRED TO BE DEMOBILIZED FROM THE SITE AT THE END OF EACH SHIFT UNLESS APPROVED TO REMAIN BY THE ENGINEER.
2. CROSSOVERS SHALL BE PROTECTED USING PORTABLE BARRIER
3. CONSTRUCT DRAINAGE OUTFALLS B, C, D & M AS DESCRIBED ON P.0063.

PHASE 2 STEP A

TRAFFIC:

- 1. ALL RAMPS ARE OPEN EXCEPT RAMP W13
2. ONE EASTBOUND LANE IS CLOSED FROM HILLIARD BLVD TO THE WARREN RD ENTRANCE RAMP.
3. SHIFT IR 90 WESTBOUND LANES TO OUTSIDE OF IR 90 WESTBOUND SIDE BETWEEN WEST OF LAKEVIEW AVE AND EAST OF W 85TH ST UTILIZING EXISTING SHOULDER
4. CROSSOVER INSIDE IR 90 EASTBOUND LANE TO INSIDE OF IR 90 WESTBOUND SIDE WEST OF LAKEVIEW AVE
5. CROSSOVER INSIDE IR 90 EASTBOUND LANE TO INSIDE OF IR 90 WESTBOUND SIDE WEST OF ALGER RD
6. CROSSOVER TWO INSIDE IR 90 EASTBOUND LANES BACK TO IR 90 EASTBOUND SIDE EAST OF W 85TH ST
7. SHIFT TWO OUTSIDE IR 90 EASTBOUND LANES TO OUTSIDE OF IR 90 EASTBOUND SIDE BETWEEN WEST OF LAKEVIEW AVE AND EAST OF W 85TH ST

CONSTRUCTION:

- 1. INSIDE PORTION OF IR 90 EASTBOUND SIDE BETWEEN EAST OF LAKEVIEW AVE AND WEST OF WEST BLVD UP TO INTERMEDIATE COURSE
2. RAMP W13 AND ADJACENT TRUNK SEWER

PHASE 2 STEP B (WILL BE COMPLETED DURING NIGHTTIMES AND WEEKENDS)

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAINS UNCHANGED
2. CLOSE CROSSOVER LANE THAT LOCATED WEST OF ALGER RD

CONSTRUCTION:

- 1. REMAINING INSIDE PORTION OF IR 90 EASTBOUND SIDE AT THE SECOND CROSSOVER LOCATION UP TO INTERMEDIATE COURSE

STEPS SEQUENCE DURING PHASE 2:

- STEP B CAN BE COMPLETED ANYTIME DURING STEP A

PHASE 3 STEP A

TRAFFIC:

- 1. ALL RAMPS ARE OPEN EXCEPT SHORT-TERM CLOSURE OF RAMP HA
2. TRAFFIC PATTERN FOR IR 90 WESTBOUND SIDE REMAINS UNCHANGED
3. SHIFT TWO OUTSIDE IR 90 EASTBOUND LANES TO INSIDE OF IR 90 EASTBOUND SIDE BETWEEN WEST OF LAKEVIEW AVE AND EAST OF W 85TH ST
4. SHIFT RAMP HA TRAFFIC TO OUTSIDE OF ITS PAVEMENT

CONSTRUCTION:

- 1. OUTSIDE PORTION OF IR 90 EASTBOUND SIDE BETWEEN EAST OF LAKEVIEW AVE AND WEST OF WEST BLVD UP TO INTERMEDIATE COURSE
2. INSIDE PORTION OF RAMP HA
3. DRAINAGE IN FRONT OF WOOSTER ROAD REAR ABUTMENT
4. INSTALL TEMPORARY PAVEMENT MARKINGS IN PERMANENT LOCATION

PHASE 3 STEP B

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAINS UNCHANGED
2. RAMPS MD, W2A, 117-8, 117-7, AND ME ARE CLOSED
3. SHIFT RAMP HA TRAFFIC TO INSIDE OF ITS PAVEMENT

CONSTRUCTION:

- 1. RAMPS MD, W2A, 117-8, 117-7, AND ME
2. OUTSIDE PORTION OF RAMP HA

PHASE 3 STEP C

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAIN UNCHANGED
2. RAMPS ME, W2, 140-4, 117-9, AND W14 ARE CLOSED

CONSTRUCTION:

- 1. RAMPS ME, W2, 140-4, 117-9, AND W14

STEPS SEQUENCE DURING PHASE 3:

- STEP B CAN BE COMPLETED ANYTIME DURING STEP A
- STEP B MUST BE COMPLETED BEFORE STEP C BEGINS
- STEP C MUST BE COMPLETED AS THE LAST PART OF STEP A

RAMP CONSTRUCTION SEQUENCE DURING PHASE 3:

- RAMPS ME AND W2 MUST BE DONE AS THE LAST PART OF PHASE 3

WINTER PHASE 2

- 1. THE EASTBOUND LANE THAT WAS CLOSED IN PHASE 2 STEP A IS OPEN
2. ALL LANES ARE OPEN AND RESTORED TO THEIR PRE-CONSTRUCTION LOCATION
3. CROSSOVERS SHALL BE PROTECTED USING PORTABLE BARRIER

PHASE 4 STEP A

TRAFFIC:

- 1. ALL RAMPS ARE OPEN
2. ONE EASTBOUND LANE IS CLOSED FROM HILLIARD BLVD TO THE WARREN RD ENTRANCE RAMP.
3. PATTERN REMAINS UNCHANGED FOR THE TWO OUTSIDE IR 90 WESTBOUND LANES
4. CROSSOVER INSIDE IR 90 WESTBOUND LANE TO INSIDE OF IR 90 EASTBOUND SIDE WEST OF LAKEVIEW AVE
5. SHIFT IR 90 EASTBOUND LANES TO OUTSIDE OF IR 90 EASTBOUND SIDE BETWEEN WEST OF LAKEVIEW AVE AND EAST OF W 85TH ST
6. CROSSOVER INSIDE IR 90 WESTBOUND LANE TO INSIDE OF IR 90 EASTBOUND SIDE WEST OF ALGER RD
7. CROSSOVER TWO INSIDE IR 90 WESTBOUND LANES BACK TO IR 90 WESTBOUND SIDE EAST OF W 85TH ST

CONSTRUCTION:

- 1. INSIDE PORTION OF IR 90 WESTBOUND SIDE BETWEEN EAST OF LAKEVIEW AVE AND WEST OF W 85TH ST UP TO INTERMEDIATE COURSE

PHASE 4 STEP B (WILL BE COMPLETED DURING NIGHT TIMES AND WEEKENDS)

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAIN UNCHANGED
2. CLOSE CROSSOVER LANE LOCATED WEST OF WOOSTER RD

CONSTRUCTION:

- 1. REMAINING INSIDE PORTION OF IR 90 WESTBOUND SIDE AT CROSSOVER LOCATION WEST OF WOOSTER RD UP TO INTERMEDIATE COURSE

STEPS SEQUENCE DURING PHASE 4:

- STEP B CAN BE COMPLETED ANYTIME DURING STEP A

PHASE 5 STEP A

TRAFFIC:

- 1. ALL RAMPS ARE OPEN
2. TRAFFIC PATTERN FOR IR 90 EASTBOUND SIDE REMAINS UNCHANGED
3. SHIFT TWO OUTSIDE IR 90 WESTBOUND LANES TO INSIDE OF IR 90 WESTBOUND SIDE BETWEEN WEST OF LAKEVIEW AVE AND EAST OF W 85TH ST
4. SHIFT RAMP HB TRAFFIC TO OUTSIDE OF ITS PAVEMENT

CONSTRUCTION:

- 1. OUTSIDE PORTION OF IR 90 WESTBOUND SIDE BETWEEN EAST OF LAKEVIEW AVE AND WEST OF W 85TH ST UP TO INTERMEDIATE COURSE

- 2. INSIDE PORTION OF RAMP HB AND RAMP 117-12

PHASE 5 STEP B

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAINS UNCHANGED
2. RAMPS MC, W1A, 117-5, AND 117-11 ARE CLOSED
3. SHIFT RAMP HB TRAFFIC TO INSIDE OF ITS PAVEMENT

CONSTRUCTION:

- 1. RAMPS MC, W1A, 117-5, AND 117-11
2. OUTSIDE PORTION OF RAMP HB AND RAMP 117-12

PHASE 5 STEP C

TRAFFIC:

- 1. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND SIDES REMAINS UNCHANGED
2. RAMPS MF, W1, 140-3, AND W13 ARE CLOSED

CONSTRUCTION:

- 1. RAMPS MF, W1, 140-3, AND W13 CONNECTION

STEP SEQUENCE DURING PHASE 5:

- STEP B CAN BE COMPLETED ANYTIME DURING STEP A
- STEP B MUST BE COMPLETED BEFORE STEP C BEGINS
- STEP C MUST BE COMPLETED AS THE LAST PART OF STEP A

RAMP CONSTRUCTION SEQUENCE DURING PHASE 5:

- RAMPS MF AND W1 MUST BE DONE AS THE LAST PART OF PHASE 5

MOT DRAINAGE CURB REMOVAL

THE CONTRACTOR SHALL REMOVE THE EXISTING OUTSIDE CURB WHERE NECESSARY TO FACILITATE DRAINAGE DURING MOT. ALL WORK SHALL BE IN ACCORDANCE WITH C&MS 202 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS. PAYMENT FOR THE ABOVE WORK SHALL BE INCLUDED AT THE UNIT PRICE BID FOR ITEM 202, CURB REMOVAL.

THE FOLLOWING IS A LIST OF LOCATIONS WHERE THE CONTRACTOR IS TO REMOVE THE EXISTING OUTSIDE CURB FOR MOT PHASES 1 AND 2:

Table with columns: BEGIN STATION, BEGIN ALIGNMENT, END STATION, END ALIGNMENT, SIDE, NOTES. Contains 20 rows of data for curb removal locations.

WINTER PHASE 3

- 1. THE EASTBOUND LANE THAT WAS CLOSED IN PHASE 4 STEP A IS OPEN
2. ALL LANES ARE OPEN AND RESTORED TO THEIR PRE-CONSTRUCTION LOCATION
3. CROSSOVERS SHALL BE PROTECTED USING PORTABLE BARRIER

PHASE 6

TRAFFIC:

- 1. ALL RAMPS ARE OPEN
2. TRAFFIC PATTERN FOR IR 90 EASTBOUND AND WESTBOUND IS IN ITS PERMANENT LOCATION
3. SHOULDER CLOSURE PER SCD MT-95.45

CONSTRUCTION:

- 1. MEDIAN BARRIER AT FIRST CROSSOVER WEST OF LAKEVIEW AVE
2. MEDIAN BARRIER AT SECOND CROSSOVER WEST OF WOOSTER RD
3. MEDIAN BARRIER AND TEMPORARY PAVEMENT REMOVAL AT THIRD CROSSOVER WEST OF ALGER RD
4. INSTALL SURFACE COURSE BETWEEN WEST END OF THE PROJECT AND EAST END OF PROJECT
5. INSTALL TEMPORARY AND SUBSEQUENTLY PERMANENT PAVEMENT MARKINGS IN PERMANENT LOCATION

MOT DRAINAGE TEMPORARY FILTER SOCK, FILTER FENCE, OR TEMPORARY STORAGE DITCHES

THE CONTRACTOR SHALL INSTALL TEMPORARY FILTER SOCK, FILTER FENCE, OR TEMPORARY STORAGE DITCHES BEHIND THE CURB TO SLOW THE SURFACE RUNOFF FROM THE SLOPE, OVER THE CURB, INTO THE ROADWAY DURING MOT PHASES 1 AND 2. INSTALLATION OF THESE MATERIALS SHOULD BE CONSISTENT WITH THE ODOT TEMPORARY EROSION AND SEDIMENT CONTROL MANUAL AND ALL APPLICABLE SECTIONS OF THE ODOT C&MS. THE INSTALLATION OF THESE MATERIALS SHALL BE INCIDENTAL TO THE LUMP SUM PRICE FOR 614, MAINTAINING TRAFFIC.

THE FOLLOWING IS A LIST OF LOCATIONS WHERE THE CONTRACTOR IS TO PROVIDE TEMPORARY FILTER SOCK, FILTER FENCE, OR TEMPORARY STORAGE DITCHES BEHIND THE CURB FOR MOT PHASES 1 AND 2:

Table with columns: BEGIN STATION, BEGIN ALIGNMENT, END STATION, END ALIGNMENT, SIDE. Contains 10 rows of data for filter sock locations.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

STRUCTUREPOINT INC.

DESIGNER

BER

REVIEWER

VDK 08/09/23

PROJECT ID

76779

SHEET

P.0062

TOTAL

P.1587



ESTIMATED QUANTITIES

Sheet P.0067	Sheet P.0067A	Sheet P.0067B	Sheet P.0068	Sheet P.0069	Sheet P.0070	Sheet P.0071	Sheet P.0072	Sheet P.0073	Sheet P.0074	Sheet P.0075	Sheet P.0076	Sheet P.0077	Sheet P.0078	Sheet P.0079	Sheet P.0080	Sheet P.0081	Sheet P.0082	Sheet P.0083	ITEM	EXTENSION	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
																			441	50101	799	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22	P.0061
																			611	97010	1,332	FT	SLOTTED DRAIN, TYPE 2, 15"	
	6	2	5																614	12380	51	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
	1641	939	1945	429															614	12801	8,047	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	P.0060
	280	127	2678		356	40													614	13310	7,493	EACH	BARRIER REFLECTOR, TYPE 1, ONE WAY	
	280	127	16952		356	40													614	13350	20,001	EACH	OBJECT MARKER, ONE WAY	
				6289	6337														614	18030	20,811	FT	MAINTAINING TRAFFIC, MISC.: TROUGH	P.0063
	11.8	2.00	20.51	1.92															614	20056	116.96	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	
		26.97																	614	20110	80.91	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
	2.85	3.69	29.64	3.08															614	22056	146.21	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
		24.08																	614	22110	72.24	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
	13657	7099	16032	8579															614	23110	125,947	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	
		20147																	614	23210	60,441	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 6", 642 PAINT	
	5096	2983	7360	8717															614	24102	85,108	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	
		16317																	614	24202	48,951	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
			212																614	25000	212	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I	
			2073	2374															615	20000	28,389	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
			31030																622	41011	62,120	FT	PORTABLE BARRIER, 50", AS PER PLAN	P.0057
			1																622	41060	7	EACH	DUAL PORTABLE BARRIER TRANSITION/TERMINATION	P.0064
	2929	13923	6492																622	41100	149,686	FT	PORTABLE BARRIER, UNANCHORED	
			35132																622	41111	16,631	FT	PORTABLE BARRIER, ANCHORED, AS PER PLAN	P.0057
			1600																					
																			617	11100	1,069	TON	COMPACTED AGGREGATE	
																			617	20000	3,372	SY	SHOULDER PREPARATION	

CUY-90-6.69

MODEL: Sheet PAPER: 34x22 (in.) DATE: 5/15/2024 TIME: 12:15:58 PM USER: breider  
 p:\structurepoint-pw\benley.com\structurepoint-pw-01\Documents\Projects\202000062\76779\400-Engineering\WOT\Sheets\76779\_MQ001.dgn

MAINTENANCE OF TRAFFIC SUB-SUMMARY

DESIGN AGENCY  
**AMERICAN STRUCTUREPOINT INC.**  
 DESIGNER  
 BER  
 REVIEWER  
 VDK 08/09/23  
 PROJECT ID  
 76779  
 SHEET TOTAL  
 P.0066 P.1587

SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	PHASE	STEP	QUANTITIES																									
			FROM	TO				611	614	614	614	614	614	614	614	614	614	614	614	614	614	614	614	614	614	622	622	441	617	617			
								FT	EACH	EACH	EACH	EACH	MILE	MILE	MILE	FT	FT	MILE	MILE	MILE	FT	FT	FT	FT	CY	TON	SY						
		IR 90 WINTER MONTHS	BEGIN	END	LT-RT	1							12.04	12.04	26.97	20147	16317																
125	BK150	IR 90 CROSSOVER	334+50.00	335+75.00	RT	1/2																				8.8	28						
125	BK150	IR 90 CROSSOVER	335+75.00	337+25.00	LT	1/2																				10.6	33						
130		IR 90 EB	568+80.00	570+15.00	RT	1/2																				9.5	30						
136		IR 90 WB	586+25.00	588+10.00	LT	1/2																				13.0	41						
136-140		IR 90 WB	640+29.00	684+62.00	LT	1/2																				312.0	985						
129E	PB-1	IR 90 WB	582+72.00	586+92.00	LT	WINTER 1		1		9	9																						
129A	WDL-1	IR 90 EB	530+40.00	537+60.00	RT	WINTER 1																											
129A-129K	WYL-1	IR 90 EB	530+40.00	648+80.00	RT	WINTER 1																	2.27		720		420						
129D-129E	WCH-1	IR 90 EB	564+60.00	577+80.00	RT	WINTER 1				264																							
129D-129F	WEL-1	IR 90 EB	564+60.00	589+87.00	RT	WINTER 1																											
129E-129I	WLL-1	IR 90 EB	577+80.00	624+20.50	RT	WINTER 1				241																							
129E-129J	PB-2	IR 90 EB	580+50.00	639+50.00	RT	WINTER 1		1		118	118																						
129E-129F	WDL-2	IR 90 EB	584+35.50	589+40.50	RT	WINTER 1																											
129F	WCH-2	IR 90 EB	589+40.50	590+18.50	RT	WINTER 1				4																							
129F-129G	WEL-2	IR 90 EB	590+18.50	608+95.40	RT	WINTER 1																											
129G	WCH-3	IR 90 EB	608+95.40	612+05.70	RT	WINTER 1				16																							
129G-129I	WDL-3	IR 90 EB	612+05.70	627+91.80	RT	WINTER 1																											
129H-129I	WEL-3	IR 90 EB	614+49.30	627+05.50	RT	WINTER 1																											
129I	WCH-4	IR 90 EB	624+20.50	631+70.00	RT	WINTER 1				150																							
129I	WCH-5	IR 90 EB	627+91.80	629+04.00	RT	WINTER 1				6																							
129J-129I	WEL-4	IR 90 EB	629+04.00	645+80.00	RT	WINTER 1																											
129J-129J	WLL-2	IR 90 EB	631+70.00	636+50.00	RT	WINTER 1				12																							
129J-129K	WCH-6	IR 90 EB	636+50.00	648+80.00	RT	WINTER 1				246																							
141-144		IR 90 WB	696+20.00	732+40.00	LT	2																					254.7	804					
146-147		IR 90 WB	759+60.00	770+15.00	LT	2																					74.2	234					
150-151	BK252	IR 90 CROSSOVER	815+55.00	816+00.00	LT	2																					52.7	166					
151	BK252	IR 90 CROSSOVER	816+00.00	816+55.00	LT	2																					3.9	12					
151	BK252	IR 90 CROSSOVER	816+55.00	817+10.00	RT	2																					3.9	12					
151	BK252	IR 90 CROSSOVER	817+45.00	819+45.00	RT	2																					14.1	44					
<b>TOTALS CARRIED TO SHEET P.0066</b>								<b>2</b>	<b>939</b>	<b>127</b>	<b>127</b>	<b>12.04</b>	<b>12.04</b>	<b>26.97</b>	<b>20,147</b>	<b>16,317</b>	<b>2.00</b>	<b>1.42</b>	<b>2.27</b>	<b>7,099</b>	<b>2,983</b>	<b>6,492</b>			<b>757.4</b>	<b>2,389</b>							

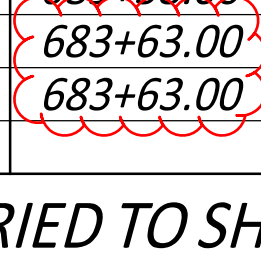
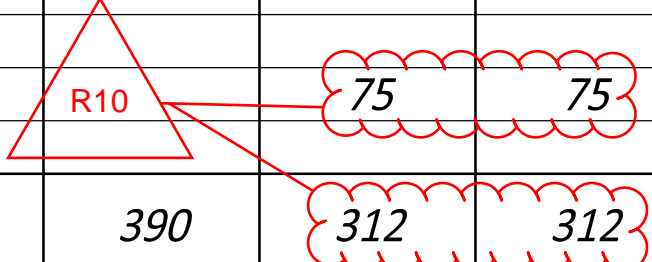
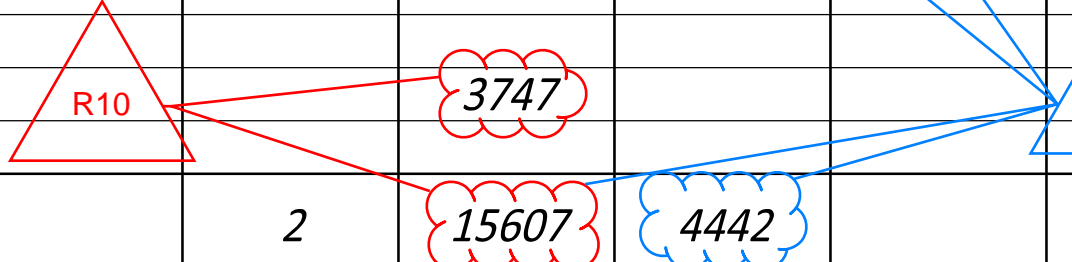
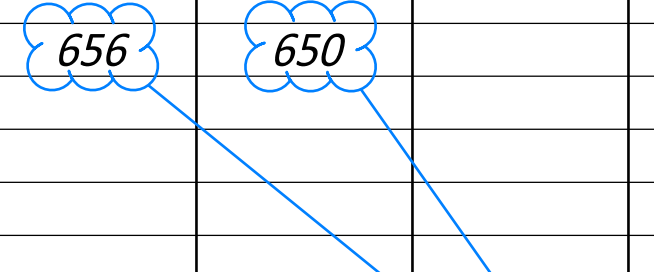
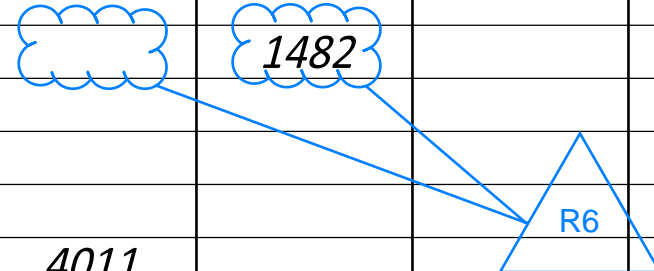
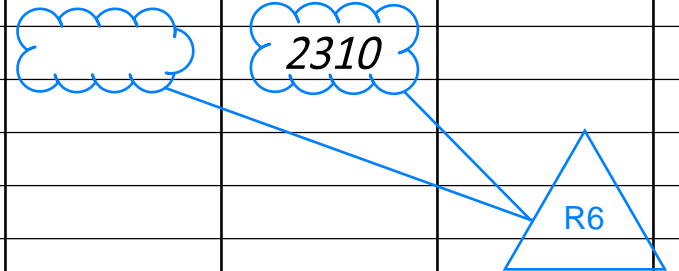
MAINTENANCE OF TRAFFIC ESTIMATED QUANTITIES

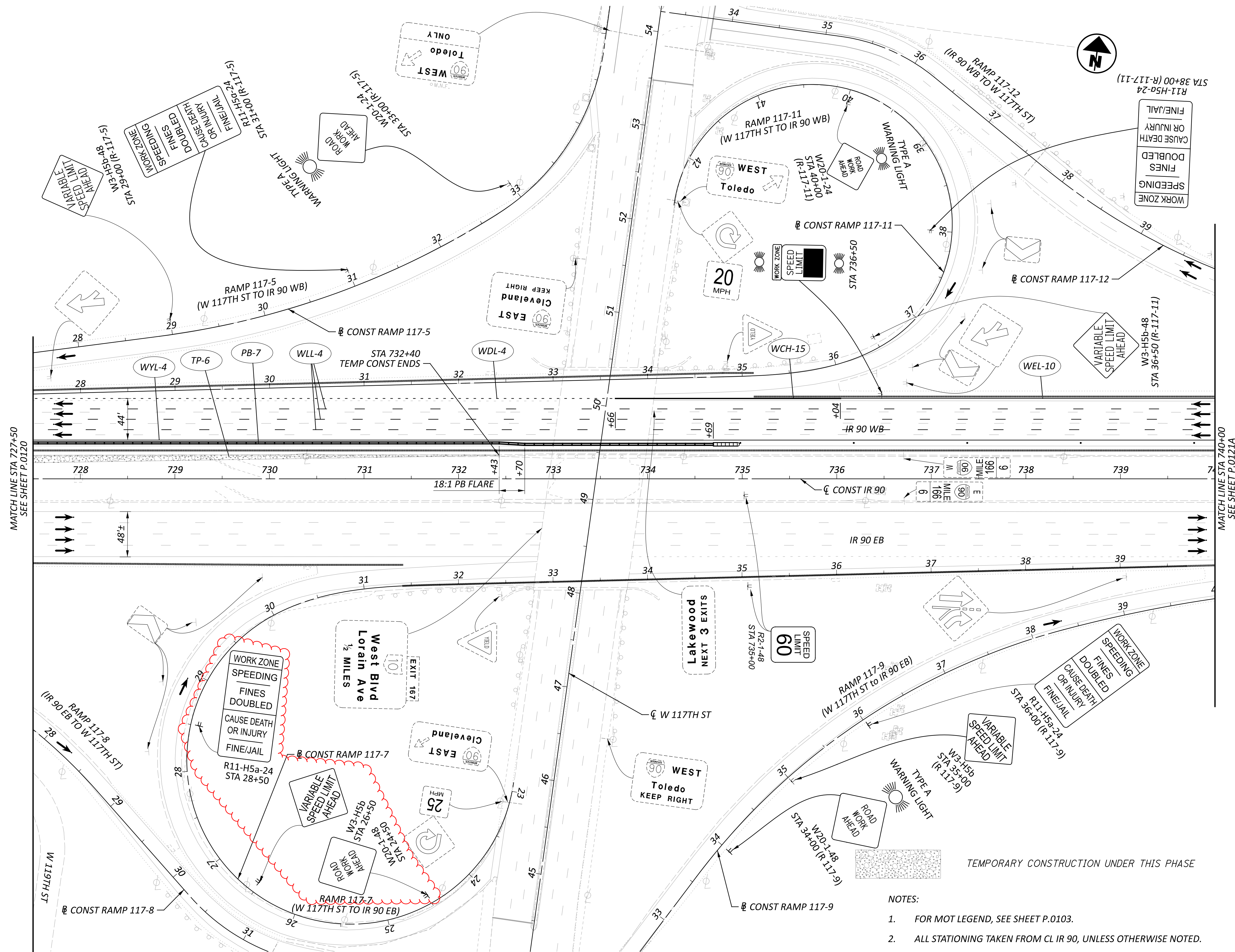
DESIGN AGENCY	BER
DESIGNER	BER
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0067 P.1587

SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	PHASE	STEP	611	614	614	614	614	614	614	614	614	614	615	622	622	622	622		
			FT	EACH				EACH	EACH	EACH	FT	MILE	MILE	MILE	FT	FT	FT	SY	FT	EACH	FT	FT		
	WCH-1	IR 90	342+33.00	350+21.00	RT	3	A			39														
	WEL-1	IR 90	342+33.00	558+00.00	RT	3	A								0.79									
	WYL-1	IR 90	342+33.00	635+66.00	RT	3	A									2.26								
	WLL-1	IR 90	350+21.00	626+33.00	RT	3	A							1.93										
	ATT-1	IR 90	351+27.00		RT	3	A		1															
	PB-1	IR 90	351+27.00	556+14.00	RT	3	A					61	61									3070		
	ATT-2	RAMP HA	33+30.00		RT	3	A		1															
	PB-2	RAMP HA - IR 90	33+30.00	556+15.00	LT-RT	3	A																	
	WYL-2	RAMP HA - IR 90	33+30.00	558+00.00	LT-RT	3	A									0.47								
	WEL-2	RAMP HA - RAMP MD	33+30.00	92+21.00	LT	3	A								1.12									
	WCH-2	IR 90	558+00.00	561+45.00	LT	3	A			35														
	WDL-1	IR 90	561+45.00	576+80.00	LT	3	A																	
	ATT-3	IR 90	571+35.00		LT	3	A		1															
	PB-3	IR 90	569+30.00	584+22.00	LT	3	A					30	30										1490	
	WDL-2	IR 90	583+72.00	587+88.00	LT	3	A																	
	WCH-3	IR 90 - RAMP MD	587+88.00	90+18.00	RT-LT	3	A																	
	ATT-4	IR 90	588+84.00		RT	3	A		1	22														
	PB-4	IR 90	588+84.00	609+83.00	RT	3	A					48	48									1		
	WYL-3	RAMP MD	90+18.00	91+72.00	RT	3	A									0.03							2388	
	WEL-3	IR 90	590+00.00	610+20.00	RT	3	A																	
	WEL-4	RAMP ME - RAMP W2	5+93.00	29+90.00	LT	3	A									0.38								
	WYL-4	RAMP ME	9+13.00	10+42.00	LT	3	A									0.45								
	WCH-4	RAMP ME - IR 90	10+42.00	612+94.00	LT-RT	3	A																	
	ATT-5	IR 90	612+81.00		RT	3	A		1	26														
	PB-5	IR 90 - RAMP W2	612+81.00	4+47.00	RT	3	A																	
	WDL-3	IR 90	612+94.00	625+61.00	RT	3	A																	
	WCH-5	IR 90	625+61.00	628+80.00	RT	3	A																	
	ATT-6	IR 90	627+45.00		RT	3	A		1	26														
	PB-6	IR 90	627+45.00	665+61.00	RT	3	A					80	80										1482	
	WCH-6	IR 90	626+33.00	638+17.00	RT	3	A																	
	WYL-5	RAMP W2	27+54.00	29+49.00	LT	3	A																	
	WEL-4	IR 90	628+80.00	667+00.00	RT	3	A																	
	WYL-6	IR 90	638+17.00	774+01.00	RT	3	A									0.72								
	WEL-5	RAMP W2A - IR 90	61+94.00	684+75.00	LT-RT	3	A									2.57								
	ATT-6A	RAMP W2A - IR 90	63+17.00		LT	3	A		1															
	PB-6A	RAMP W2A - IR 90	63+17.00	65+62.00	LT	3	A					5	5										245	
	WYL-7	RAMP W2A - IR 90 EB	64+45.00	67+10.00	LT	3	A																	
	WCH-7	IR 90 EB	67+00.00	70+24.00	LT	3	A																	
	ATT-7	IR 90 EB	69+83.00		LT	3	A		1	32														
	PB-7	IR 90 EB - IR 90	69+83.00	682+89.00	LT-RT	3	A					13	13											
	WDL-4	IR 90 EB - IR 90	70+24.00	681+90.00	LT-RT	3	A																	
	WEL-8	RAMP 140-4 - RAMP 117-8	78+80.00	25+16.00	LT	3	A																	
	WYL-8	RAMP 140-4 - IR 90	82+95.00	684+75.00	LT-RT	3	A																	
	WCH-8	IR 90	684+75.00	689+38.00	RT	3	A																	
	WDL-5	IR 90	689+38.00	697+58.00	RT	3	A																	
	ATT-8	IR 90	683+63.00		RT	3	A		1															
	PB-8	IR 90	683+63.00	721+10.00	RT	3	A																	
TOTALS CARRIED TO SHEET P.0066									9	390					1.93	4.78	5.48	6100	5408				2	

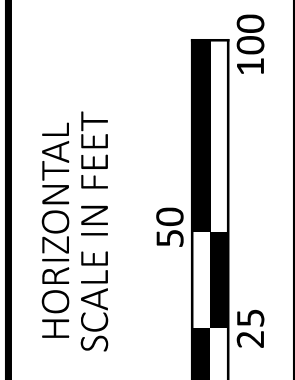
MAINTENANCE OF TRAFFIC ESTIMATED QUANTITIES

DESIGN AGENCY  
**AMERICAN STRUCTUREPOINT**  
 INC.  
 DESIGNER  
 BER  
 REVIEWER  
 VDK 08/09/23  
 PROJECT ID  
 76779  
 SHEET TOTAL  
 P.0072 | P.1587





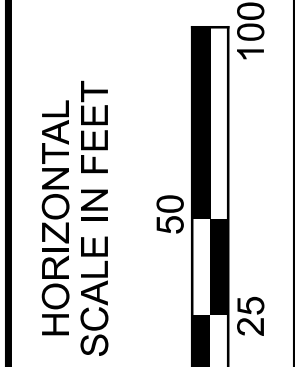
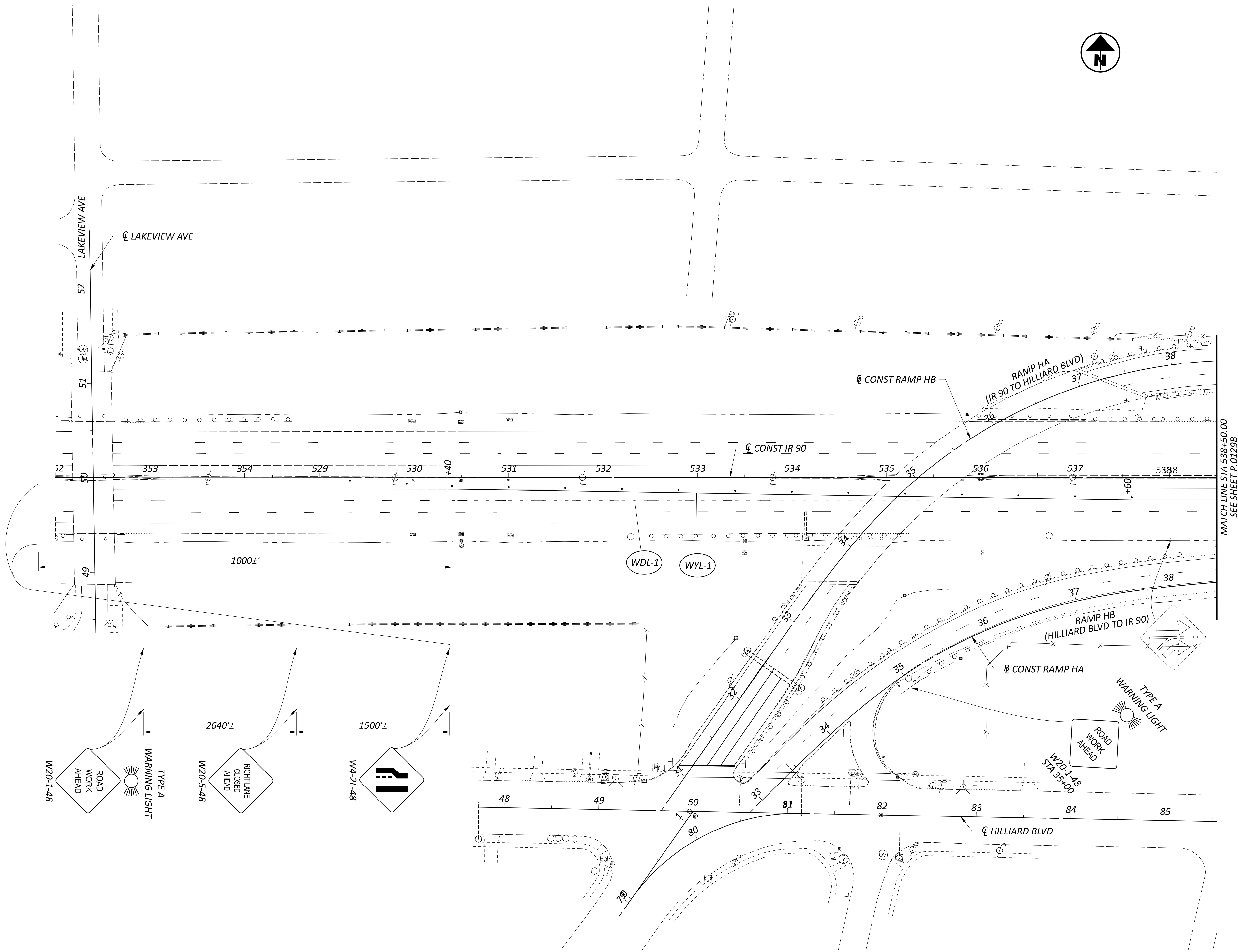
- NOTES:
- FOR MOT LEGEND, SEE SHEET P.0103.
  - ALL STATIONING TAKEN FROM CL IR 90, UNLESS OTHERWISE NOTED.



MAINTENANCE OF TRAFFIC PHASE 1  
STA 727+50 TO STA 740+00

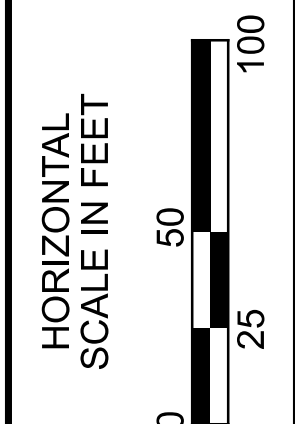
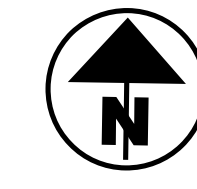
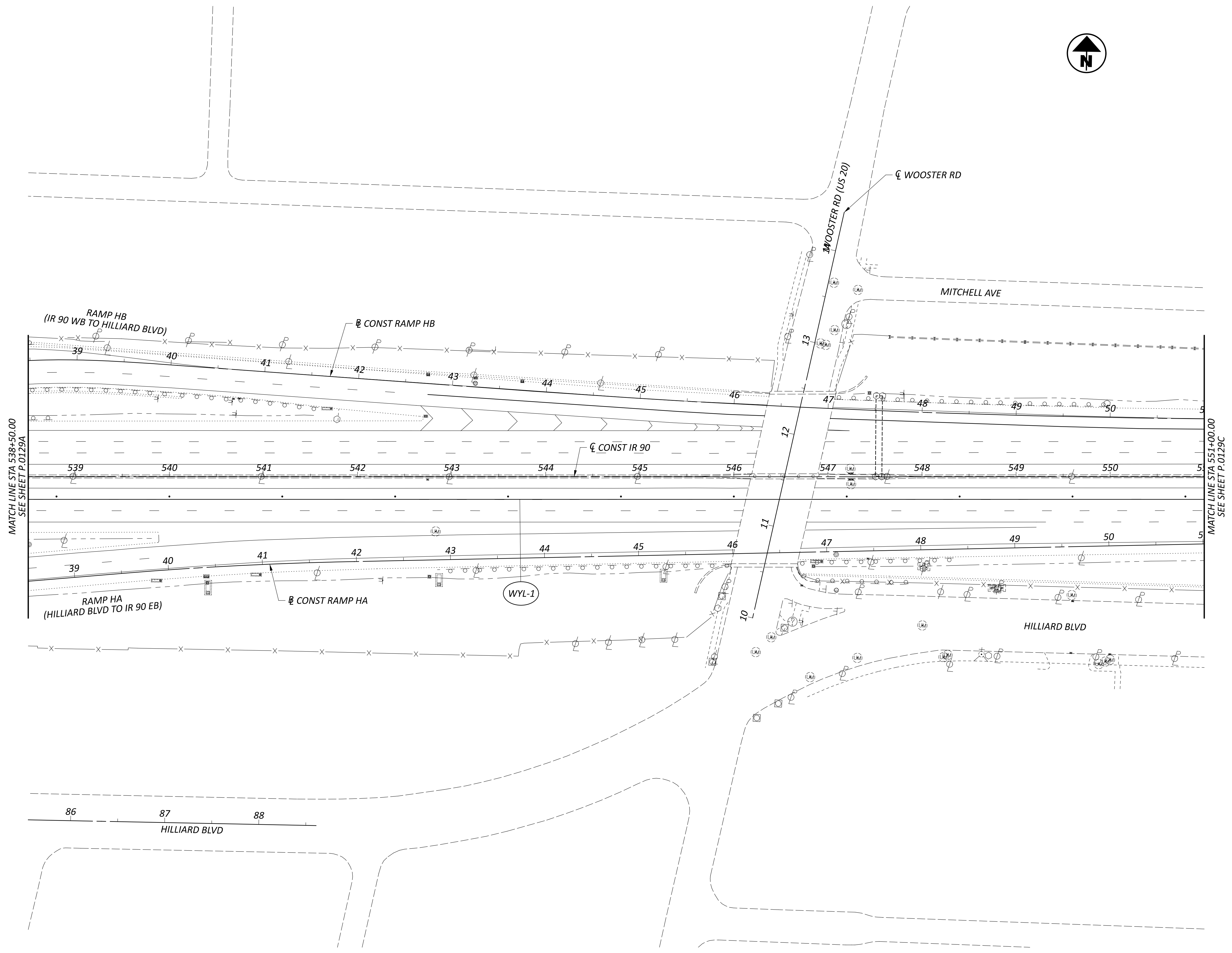
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	CSC
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET	P.0121
TOTAL	P.1587





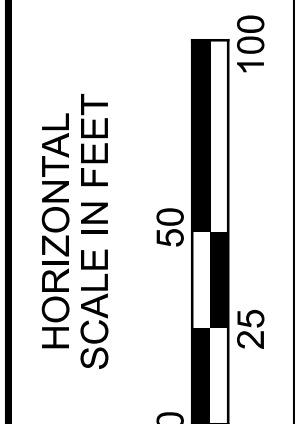
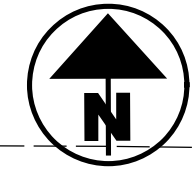
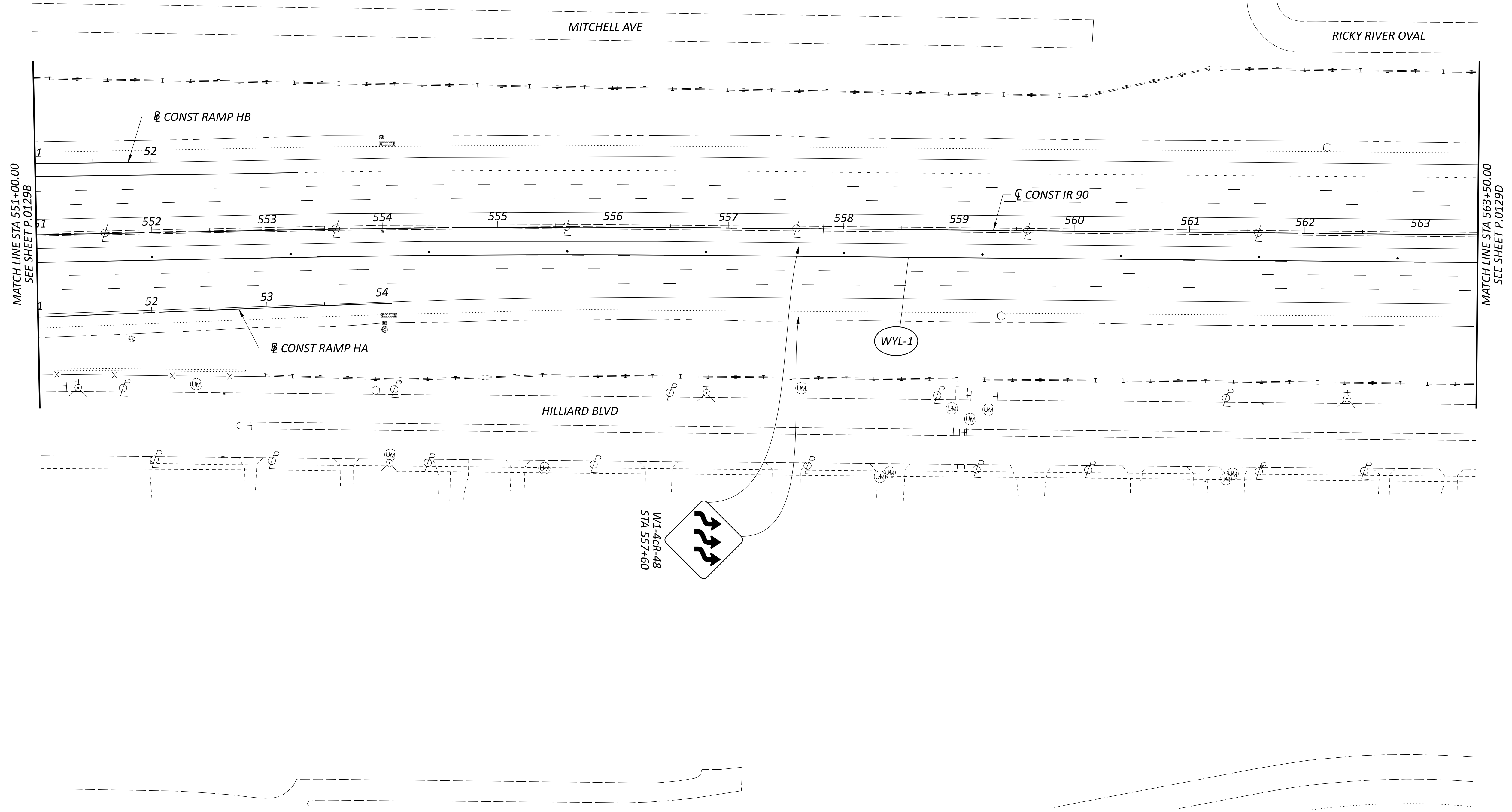
MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 352+00 TO STA 538+50.00

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
JS	
REVIEWER	
VDK 05/08/24	
PROJECT ID	
76779	
SHEET	TOTAL
P.0129A	P.1587



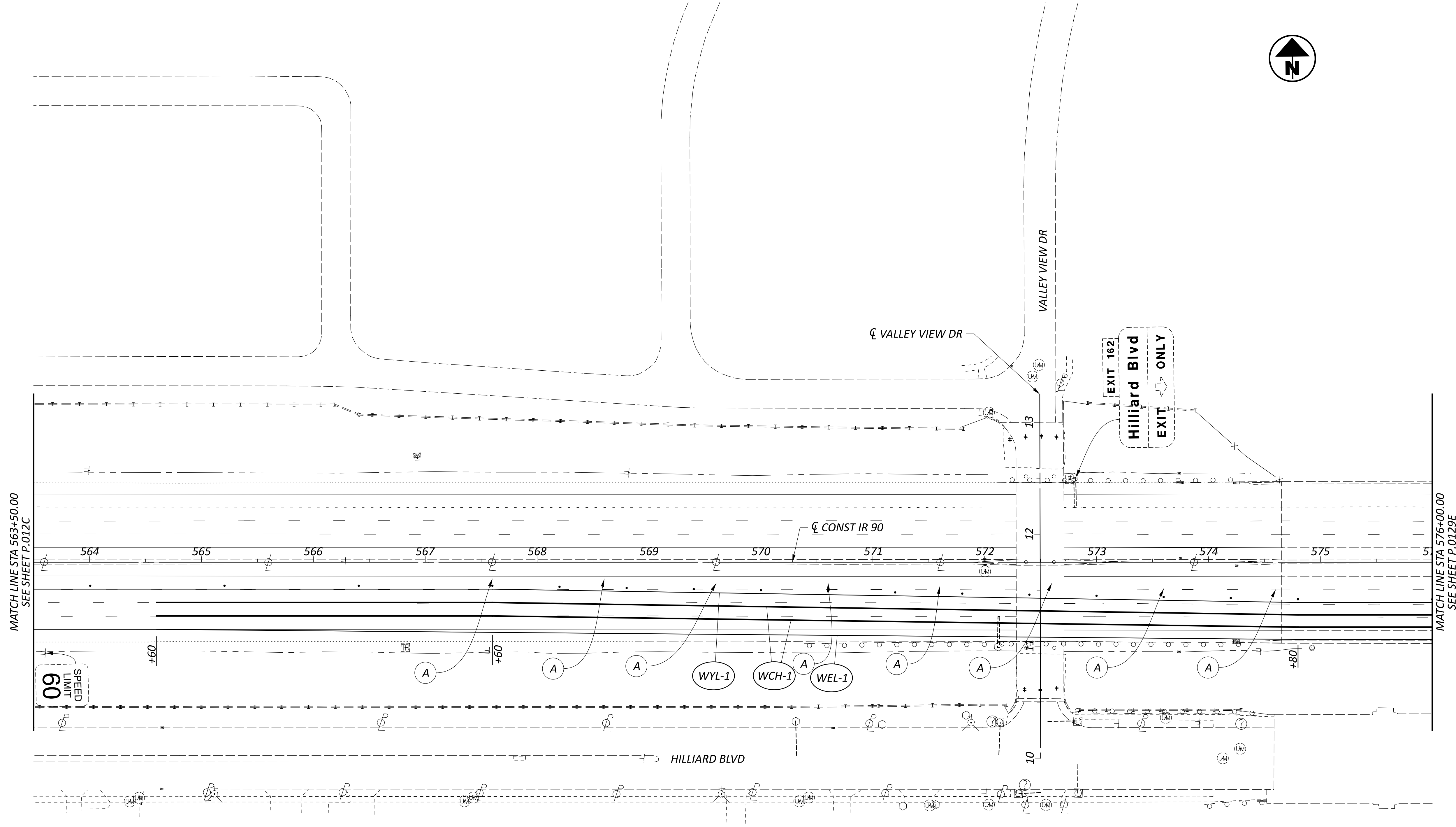
MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 538+50 TO STA 551+00

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET	TOTAL
P.0129B	P.1587

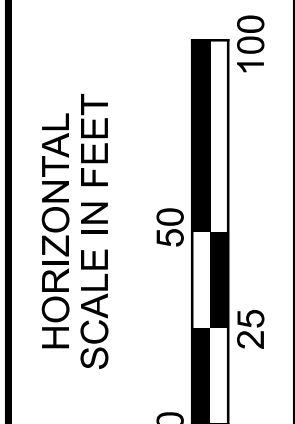
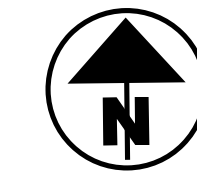


MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 551+00 TO STA 563+50

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET	TOTAL
P.0129d	P.1587

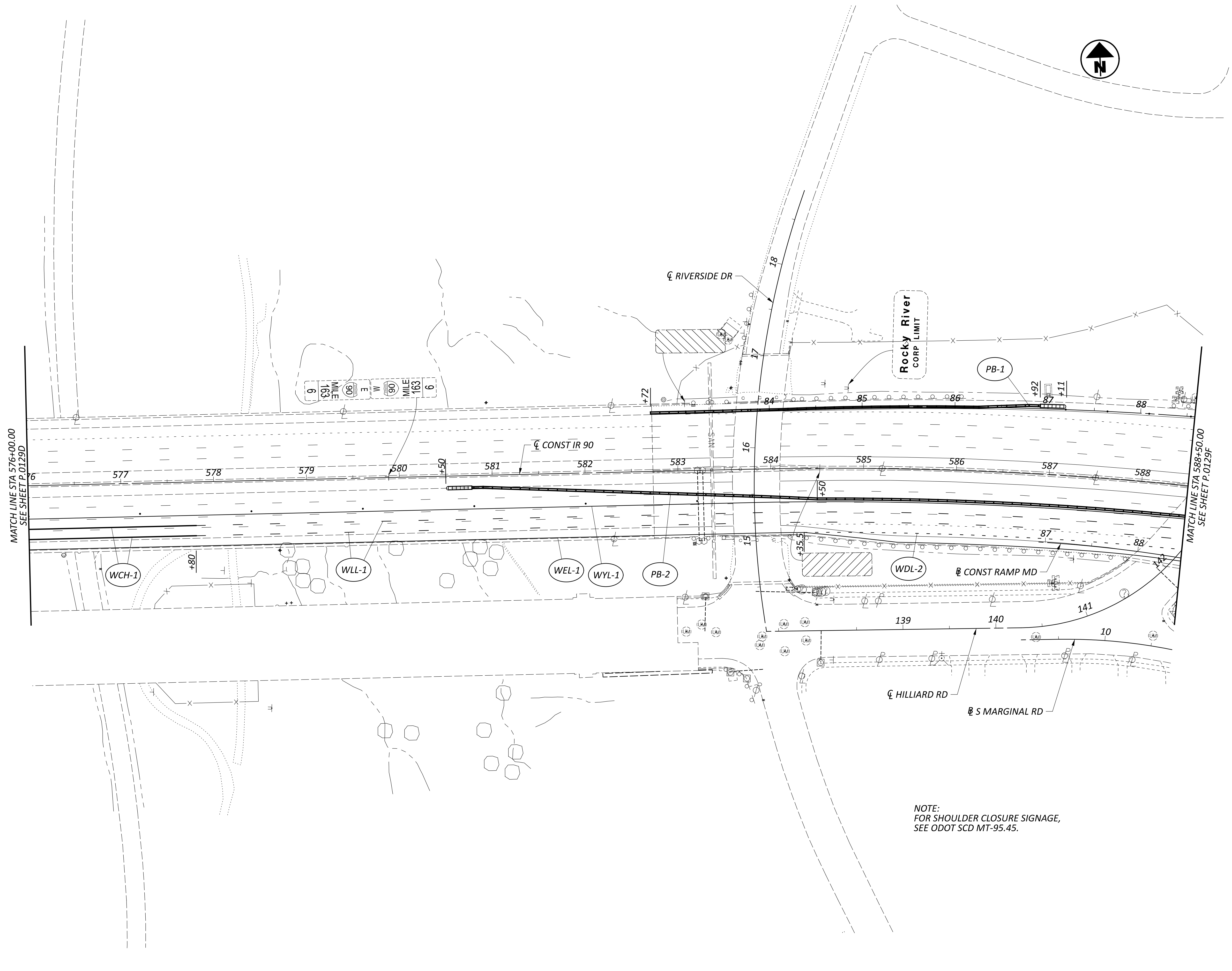


69  
SPEED  
LIMIT

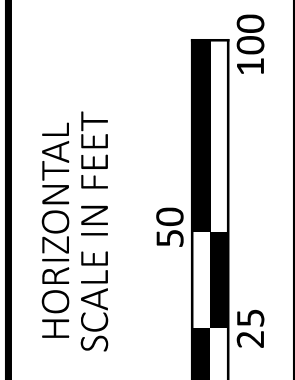


MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 563+50 TO STA 576+00

DESIGN AGENCY	
AMERICAN <b>STRUCTUREPOINT</b> INC.	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET TOTAL	P.0129D P.1587

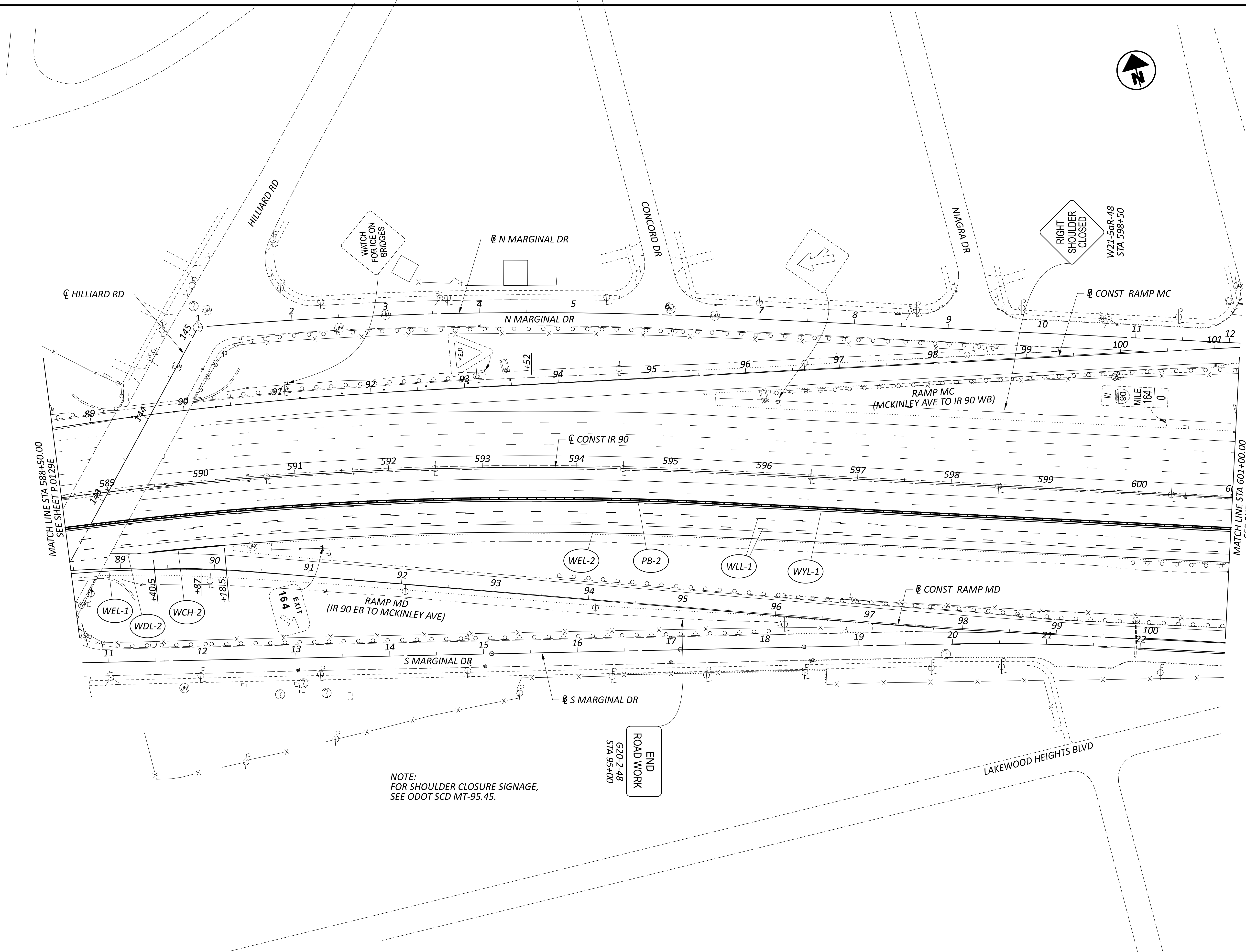


NOTE:  
FOR SHOULDER CLOSURE SIGNAGE,  
SEE ODOT SCD MT-95.45.



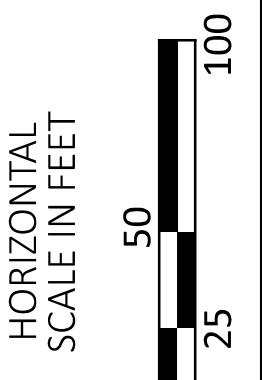
MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 576+00 TO STA 588+50

DESIGN AGENCY	
<b>AMERICAN STRUCTUREPOINT INC.</b>	
DESIGNER	
JS	
REVIEWER	
VDK 05/08/24	
PROJECT ID	
76779	
SHEET	TOTAL
P.0129E	P.1587



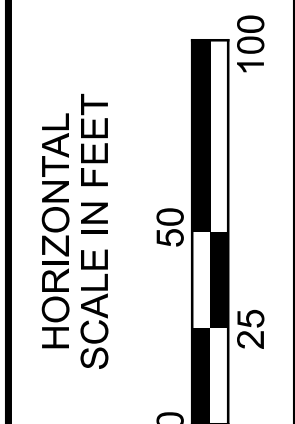
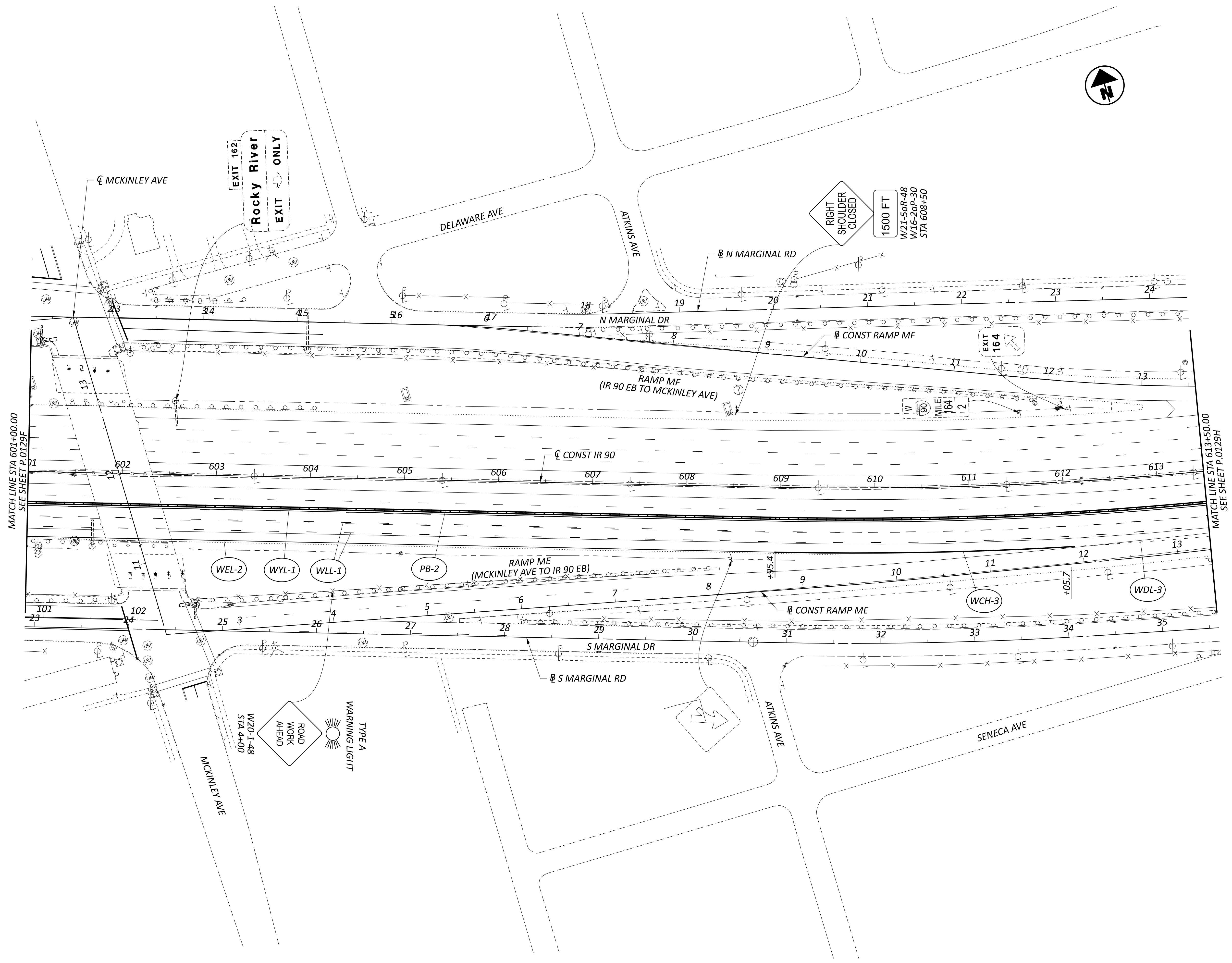
NOTE:  
FOR SHOULDER CLOSURE SIGNAGE,  
SEE ODOT SCD MT-95.45.

END  
ROAD WORK  
G20-2-48  
STA 95+00



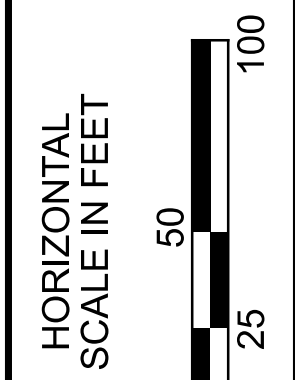
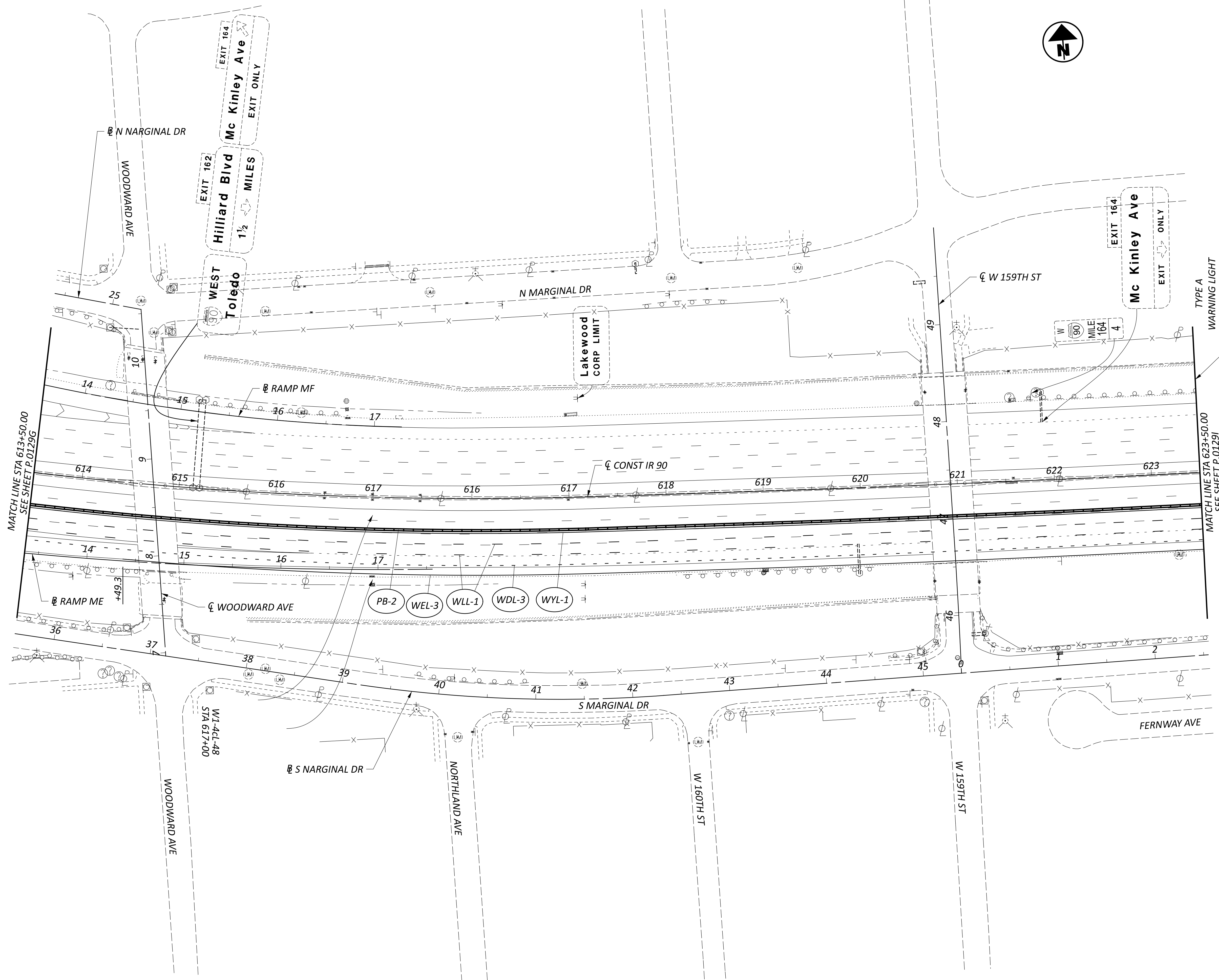
MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA. 588+50 TO STA 601+00

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
JS	
REVIEWER	
VDK 05/08/24	
PROJECT ID	
76779	
SHEET	TOTAL
P.0129	P.1587

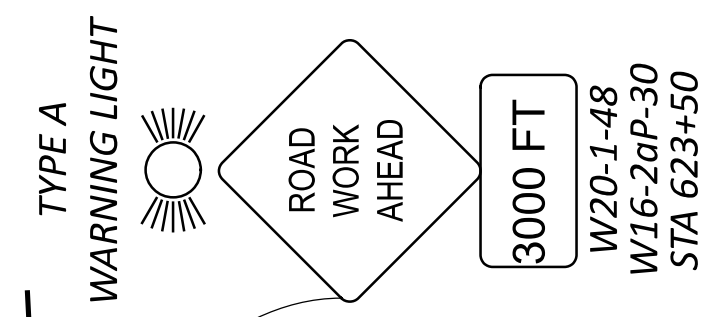


**MAINTENANCE OF TRAFFIC WINTER PHASE 1**  
**STA 601+00 TO STA 613+50**

DESIGN AGENCY	
<b>STRUCTUREPOINT</b> <small>INCORPORATED</small>	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET TOTAL	P.0129H P.1587

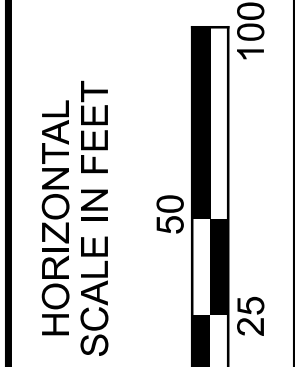
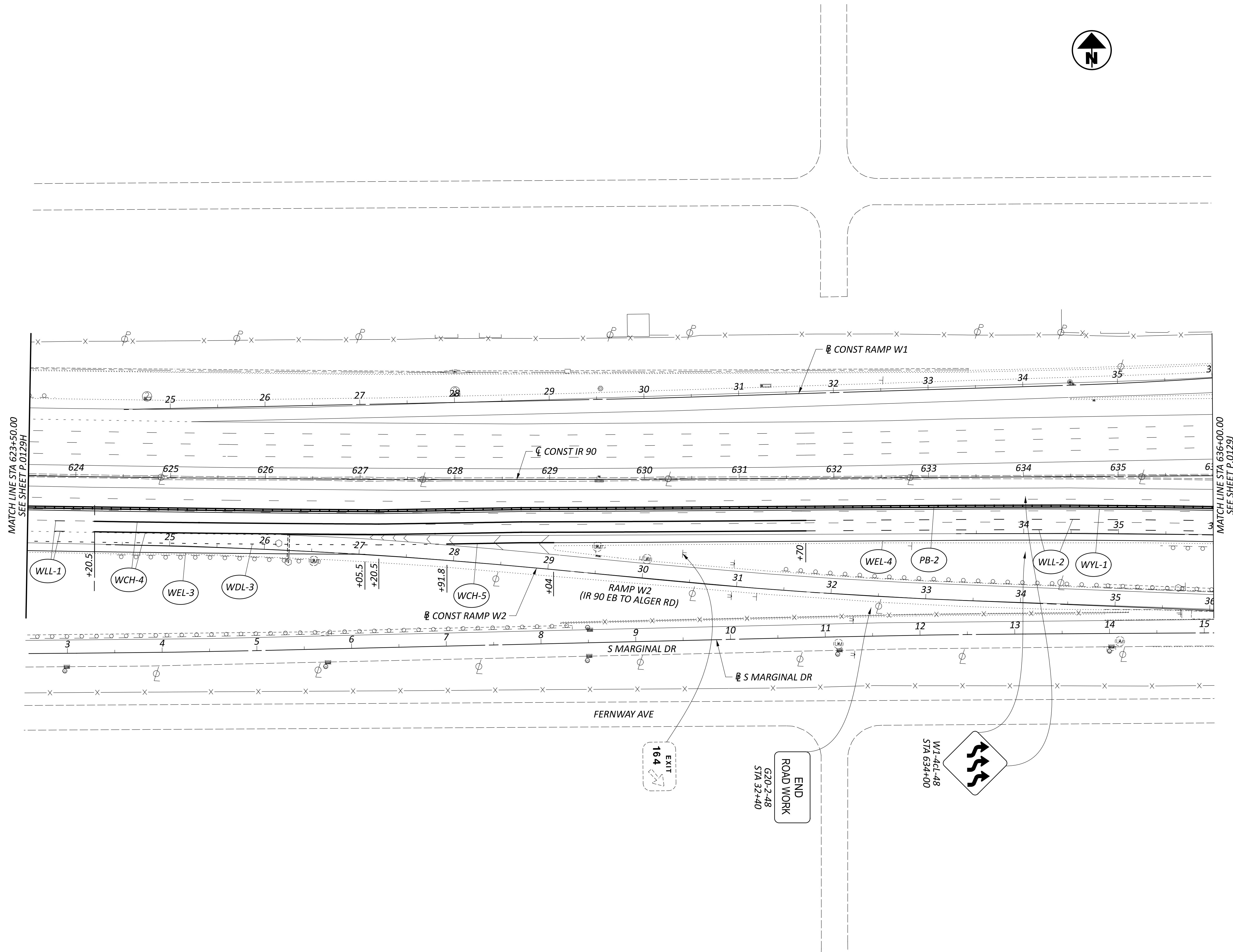


**MAINTENANCE OF TRAFFIC WINTER PHASE 1**  
**STA 613+50 TO STA 623+50**



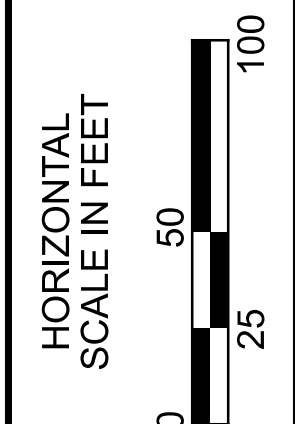
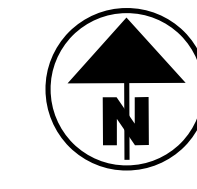
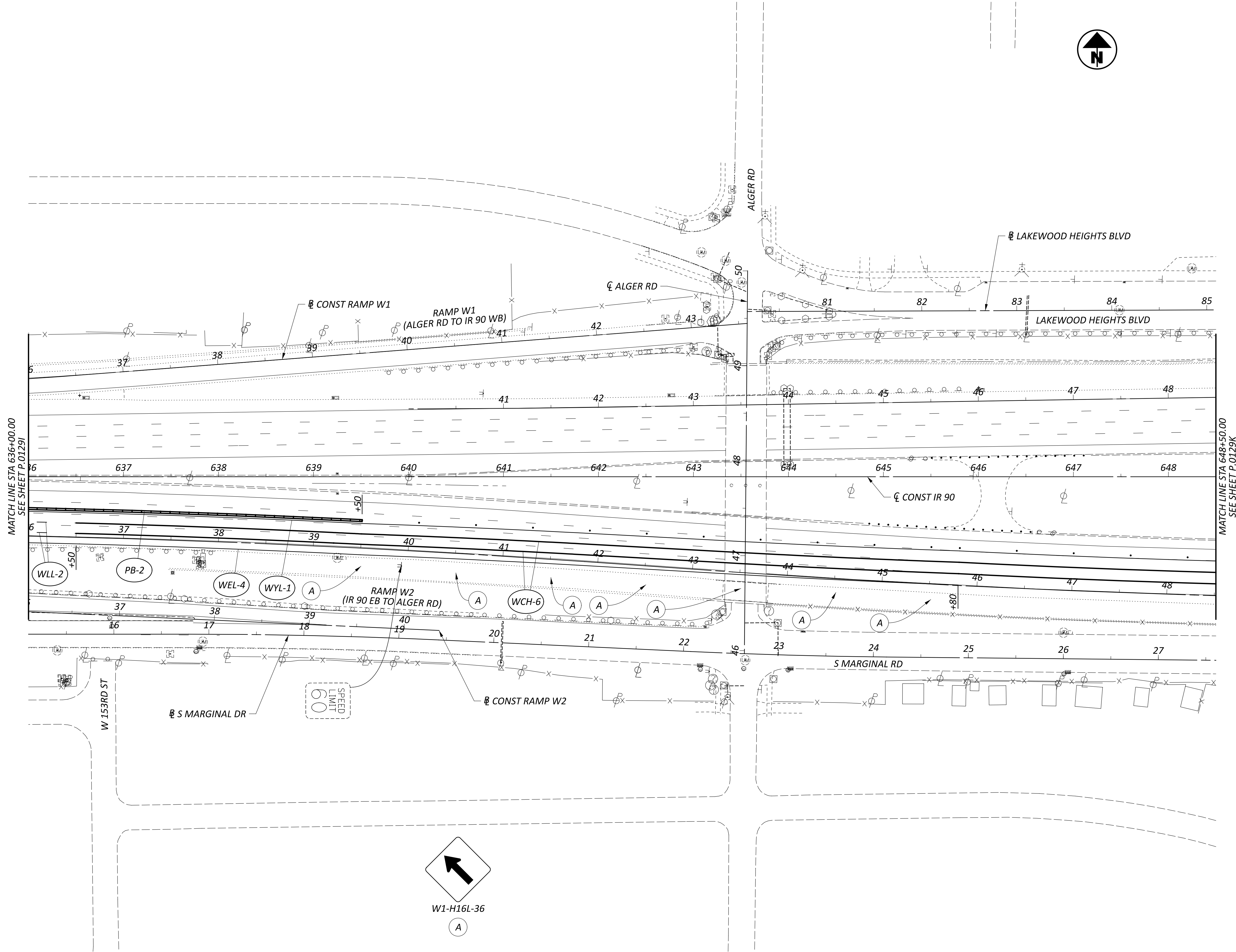
DESIGN AGENCY	
<b>STRUCTUREPOINT</b> <small>INCORPORATED</small>	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET	TOTAL
P.01291	P.1587





MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 623+50 TO STA 636+00

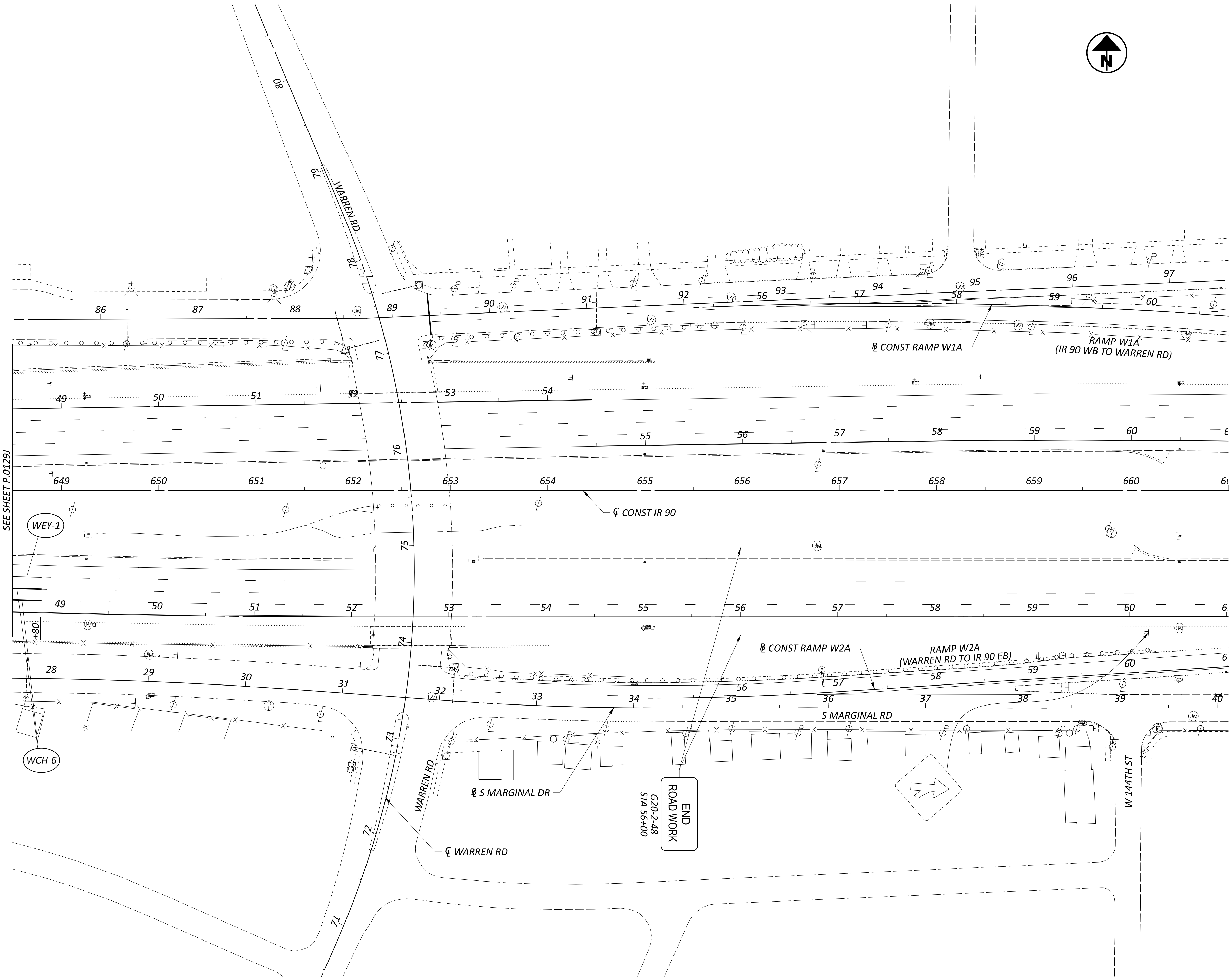
DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET	TOTAL
P.01291	P.1587



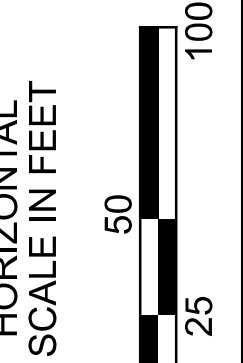
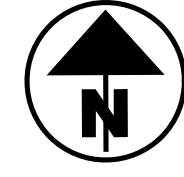
MAINTENANCE OF TRAFFIC WINTER PHASE 1  
STA 636+00 TO STA 648+50

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	JS
REVIEWER	VDK 05/08/24
PROJECT ID	76779
SHEET	TOTAL
P.0129J	P.1587

MATCH LINE STA 648+50.00  
SEE SHEET P.0129J



END  
ROAD WORK  
620-2-48  
STA 56+00



MAINTENANCE OF TRAFFIC WINTER PHASE 1  
 STA 648+50 TO STA 661+00

DESIGN AGENCY



DESIGNER

JS

REVIEWER

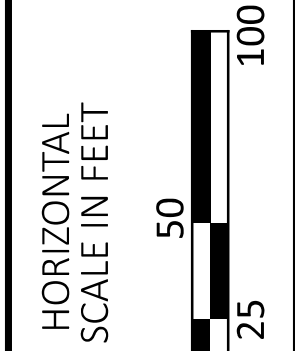
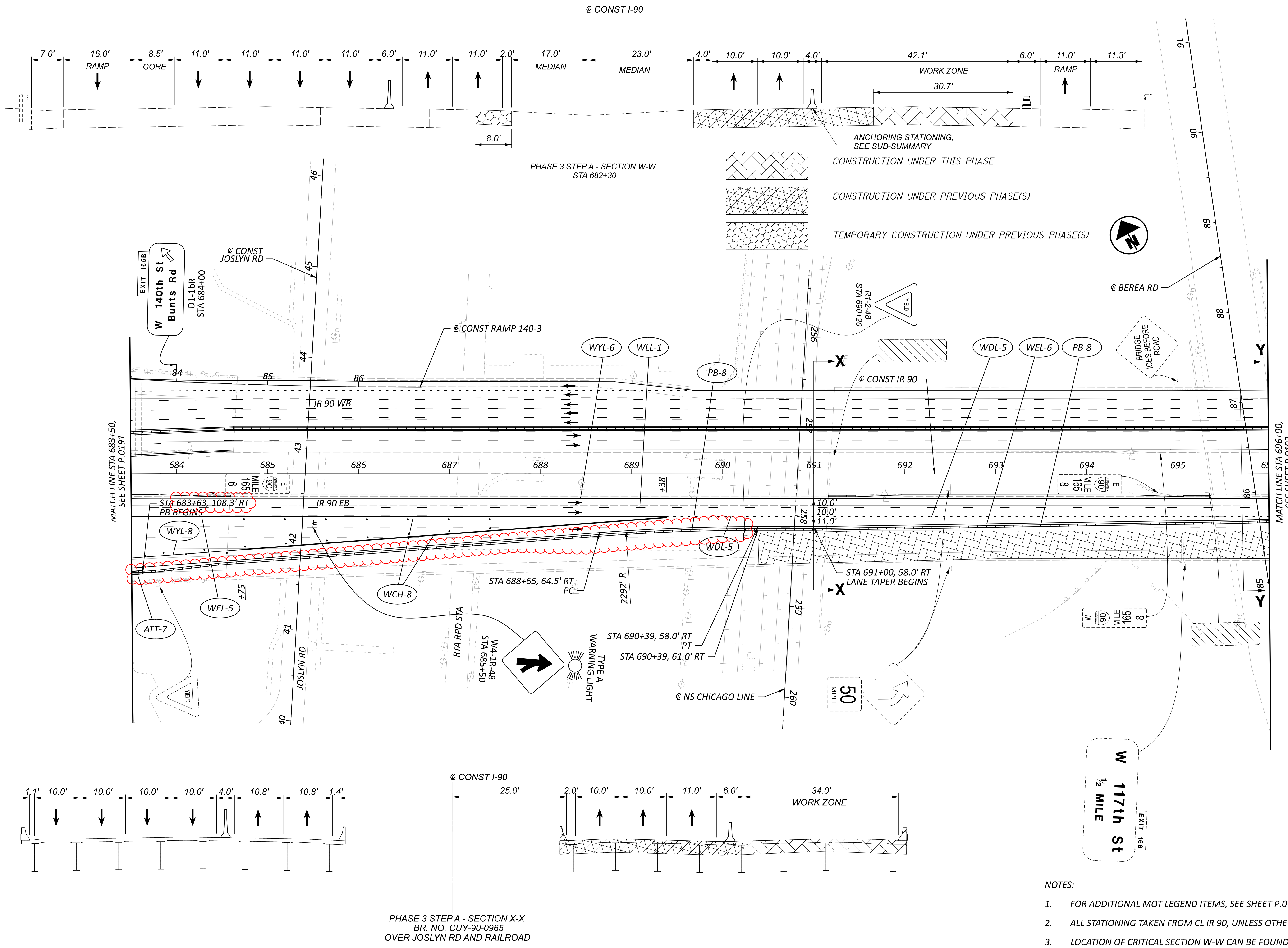
VDK 05/08/24

PROJECT ID

76779

SHEET TOTAL

P.0129K P.1587



MAINTENANCE OF TRAFFIC PHASE 3A, 3C  
 STA 683+50 TO STA 696+00

DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DMS
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0192 P.1587

SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	45	46	47	332	337	338	340	341	346		01/IMS/04	02/IMS/13	03/IMS/13						
	LS										LS			201	11000	LS	CLEARING AND GRUBBING		
				420,404							420,404			202	23000	420,404	SY	PAVEMENT REMOVED	
				37,701		6,343					6,343			202	30000	6,343	SF	WALK REMOVED	
				2,234							37,701			202	30700	37,701	FT	CONCRETE BARRIER REMOVED	
				54,446							2,234			202	30800	2,234	SY	TRAFFIC ISLAND REMOVED	
											54,446			202	32000	54,446	FT	CURB REMOVED	
														204	32800	204	SY	CONCRETE SLOPE PROTECTION REMOVED	
											9,654			202	35100	9,654	FT	PIPE REMOVED, 24" AND UNDER	
											10,157			202	35200	10,157	FT	PIPE REMOVED, OVER 24"	
											12,989			202	38000	12,989	FT	GUARDRAIL REMOVED	
											39			202	42010	39	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
											25			202	42040	25	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
											33			202	47000	33	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
											2			202	47800	2	EACH	IMPACT ATTENUATOR REMOVED	
											37			202	58000	37	EACH	MANHOLE REMOVED	
											101			202	58100	101	EACH	CATCH BASIN REMOVED	
											150			202	58200	150	EACH	INLET REMOVED	
											4,248			SPECIAL	20270000	4,248	FT	FILL AND PLUG EXISTING CONDUIT, 15"	P.0048
											578			SPECIAL	20270000	578	FT	FILL AND PLUG EXISTING CONDUIT, 18"	P.0048
											654			SPECIAL	20270000	654	FT	FILL AND PLUG EXISTING CONDUIT, 21"	P.0048
											804			SPECIAL	20270000	804	FT	FILL AND PLUG EXISTING CONDUIT, 24"	P.0048
											247			SPECIAL	20270000	247	FT	FILL AND PLUG EXISTING CONDUIT, 30"	P.0048
											575			SPECIAL	20270000	575	FT	FILL AND PLUG EXISTING CONDUIT, 36"	P.0048
											670			SPECIAL	20270000	670	FT	FILL AND PLUG EXISTING CONDUIT, 42"	P.0048
											773			SPECIAL	20270000	773	FT	FILL AND PLUG EXISTING CONDUIT, 48"	P.0048
											2,021			SPECIAL	20270000	2,021	FT	FILL AND PLUG EXISTING CONDUIT, 54"	P.0048
											2,266			SPECIAL	20270000	2,266	FT	FILL AND PLUG EXISTING CONDUIT, 60"	P.0048
											145			SPECIAL	20270110	645	FT	PIPE CLEANOUT, 24" AND UNDER	P.0047
											190			SPECIAL	20270120	690	FT	PIPE CLEANOUT, 27" TO 48"	P.0047
											500			SPECIAL	20270130	500	FT	PIPE CLEANOUT OVER 48"	P.0047
											41,942			202	75000	41,942	FT	FENCE REMOVED	
											LS			202	98000	LS	LS	REMOVAL MISC.: TRAFFIC MONITORING EQUIPMENT	P.1268
											252,249			203	10001	252,249	CY	EXCAVATION, AS PER PLAN	P.0049
											9,830			203	20001	9,830	CY	EMBANKMENT, AS PER PLAN	P.0049
											24			203	98600	24	EACH	ROADWAY, MISC.: TEST HOLE	P.0046
											37,166			204	13001	37,166	CY	EXCAVATION OF SUBGRADE, AS PER PLAN	P.0046
											71			204	45000	71	HOUR	PROOF ROLLING	
											5,786			206	10500	5,786	TON	CEMENT	
											221,079			206	11000	221,079	SY	CURING COAT	
											204,209			206	15010	204,209	SY	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	
											16,870			206	15020	16,870	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
											LS			206	30000	LS	LS	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	
											0.25			209	15051	0.25	MILE	RESHAPING UNDER GUARDRAIL, AS PER PLAN	P.0049
											20,246			606	15051	20,246	FT	GUARDRAIL, TYPE MGS, AS PER PLAN	P.0046
											125			606	15151	125	FT	GUARDRAIL, TYPE MGS HALF POST SPACING, AS PER PLAN	P.0046
											62.5			606	15251	62.5	FT	GUARDRAIL, TYPE MGS QUARTER POST SPACING, AS PER PLAN	P.0046
											57			606	26150	57	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)	
											35			606	26550	35	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											42			606	35002	42	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
											20			606	35102	20	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
											41,913			607	23000	41,913	FT	FENCE, TYPE CLT	
											41,913			607	70000	41,913	FT	FENCELINE SEEDING AND MULCHING	

GENERAL SUMMARY

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	BER
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0316   P.1587

SHEET NUM.					PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
48	63	346	347		01/IMS/04	02/IMS/13	03/IMS/13						
		2,127			2,127			611	06100	2,127	FT	15" CONDUIT, TYPE C	
200		73			273			611	06700	273	FT	15" CONDUIT, TYPE F	
		382			382			611	07400	382	FT	18" CONDUIT, TYPE B	
	247				247			611	07401	247	FT	18" CONDUIT, TYPE B, AS PER PLAN	P.0063
		40			40			611	07600	40	FT	18" CONDUIT, TYPE C	
	225				225			611	08901	225	FT	21" CONDUIT, TYPE B, AS PER PLAN	P.0063
		309			309			611	10400	309	FT	24" CONDUIT, TYPE B	
	197				197			611	10401	197	FT	24" CONDUIT, TYPE B, AS PER PLAN	P.0063
		1,315			1,315			611	10600	1,315	FT	24" CONDUIT, TYPE C	
		527			527			611	13600	527	FT	30" CONDUIT, TYPE C	
		931			931			611	16600	931	FT	36" CONDUIT, TYPE C	
	15	493			247			611	19400	247	FT	42" CONDUIT, TYPE B	
		2,816			508			611	19600	508	FT	42" CONDUIT, TYPE C	
		472			2,816			611	22600	2,816	FT	54" CONDUIT, TYPE C	
	10				472			611	23800	472	FT	60" CONDUIT, TYPE B	
		3,516			10			611	24000	10	FT	60" CONDUIT, TYPE C	
		1,245			3,516			611	96600	3,516	FT	CONDUIT, BORED OR JACKED, 15", TYPE B	
		1,387			1,245			611	96600	1,245	FT	CONDUIT, BORED OR JACKED, 18", TYPE B	
		114			1,387			611	96600	1,387	FT	CONDUIT, BORED OR JACKED, 24", TYPE B	
		150			114			611	96600	114	FT	CONDUIT, BORED OR JACKED, 30", TYPE B	
		143			150			611	96600	150	FT	CONDUIT, BORED OR JACKED, 36", TYPE B	
		102			143			611	96600	143	FT	CONDUIT, BORED OR JACKED, 42", TYPE B	
		140			102			611	96600	102	FT	CONDUIT, BORED OR JACKED, 48", TYPE B	
		455			140			611	96600	140	FT	CONDUIT, BORED OR JACKED, 54", TYPE B	
		122			455			611	96600	455	FT	CONDUIT, BORED OR JACKED, 60", TYPE B	
	74				122			611	96600	122	FT	CONDUIT, BORED OR JACKED, 66", TYPE B	
		15			74			611	96601	74	FT	CONDUIT, BORED OR JACKED, AS PER PLAN, 15", TYPE B	P.0063
		110			15			611	96601	15	FT	CONDUIT, BORED OR JACKED, AS PER PLAN, 18", TYPE B	P.0063
		24			110			611	96601	110	FT	CONDUIT, BORED OR JACKED, AS PER PLAN, 24", TYPE B	P.0063
		26			24			611	97400	24	FT	CONDUIT, MISC.: 12" CONDUIT, TYPE B, ROCK CUT	P.0049
		8,505			26			611	97400	26	FT	CONDUIT, MISC.: 12" CONDUIT, TYPE C, ROCK CUT	P.0049
		1,933			8,505			611	97400	8,505	FT	CONDUIT, MISC.: 15" CONDUIT, TYPE B, ROCK CUT	P.0049
		85			1,933			611	97400	1,933	FT	CONDUIT, MISC.: 15" CONDUIT, TYPE C, ROCK CUT	P.0049
		1,754			85			611	97400	85	FT	CONDUIT, MISC.: 15" CONDUIT, TYPE F, ROCK CUT	P.0049
		1,019			1,754			611	97400	1,754	FT	CONDUIT, MISC.: 18" CONDUIT, TYPE B, ROCK CUT	P.0049
		501			1,019			611	97400	1,019	FT	CONDUIT, MISC.: 18" CONDUIT, TYPE C, ROCK CUT	P.0049
		469			501			611	97400	501	FT	CONDUIT, MISC.: 24" CONDUIT, TYPE B, ROCK CUT	P.0049
		76			469			611	97400	469	FT	CONDUIT, MISC.: 24" CONDUIT, TYPE C, ROCK CUT	P.0049
		6			76			611	97400	76	FT	CONDUIT, MISC.: 27" CONDUIT, TYPE C, ROCK CUT	P.0049
		1,394			6			611	97400	6	FT	CONDUIT, MISC.: 30" CONDUIT, TYPE B, ROCK CUT	P.0049
		248			1,394			611	97400	1,394	FT	CONDUIT, MISC.: 30" CONDUIT, TYPE C, ROCK CUT	P.0049
		332			248			611	97400	248	FT	CONDUIT, MISC.: 36" CONDUIT, TYPE B, ROCK CUT	P.0049
		262			332			611	97400	332	FT	CONDUIT, MISC.: 36" CONDUIT, TYPE C, ROCK CUT	P.0049
		1,180			262			611	97400	262	FT	CONDUIT, MISC.: 42" CONDUIT, TYPE B, ROCK CUT	P.0049
		2,467			1,180			611	97400	1,180	FT	CONDUIT, MISC.: 42" CONDUIT, TYPE C, ROCK CUT	P.0049
		368			2,467			611	97400	2,467	FT	CONDUIT, MISC.: 48" CONDUIT, TYPE B, ROCK CUT	P.0049
		399			368			611	97400	368	FT	CONDUIT, MISC.: 54" CONDUIT, TYPE B, ROCK CUT	P.0049
		555			399			611	97400	399	FT	CONDUIT, MISC.: 54" CONDUIT, TYPE C, ROCK CUT	P.0049
		209			555			611	97400	555	FT	CONDUIT, MISC.: 60" CONDUIT, TYPE B, ROCK CUT	P.0049
		2,085			209			611	97400	209	FT	CONDUIT, MISC.: 60" CONDUIT, TYPE C, ROCK CUT	P.0049
		182			2,085			611	97400	2,085	FT	CONDUIT, MISC.: 66" CONDUIT, TYPE B, ROCK CUT	P.0049
		38			182			611	97400	182	FT	CONDUIT, MISC.: 66" CONDUIT, TYPE C, ROCK CUT	P.0049
		1			38			611	98150	38	EACH	CATCH BASIN, NO. 3	
		15			1			611	98151	1	EACH	CATCH BASIN, NO. 3, AS PER PLAN	P.0048
		62			15			611	98180	15	EACH	CATCH BASIN, NO. 3A	
		1			62			611	98300	62	EACH	CATCH BASIN, NO. 5	
		1			1			611	98301	1	EACH	CATCH BASIN, NO. 5, AS PER PLAN	P.0048
		7			1			611	98301	1	EACH	CATCH BASIN, NO. 5, AS PER PLAN (2)	P.0063
		1			7			611	98370	7	EACH	CATCH BASIN, NO. 6	
		1			1			611	98371	1	EACH	CATCH BASIN, NO. 6, AS PER PLAN	P.0063
		1			1			611	98510	1	EACH	CATCH BASIN, NO. 2-3	
		1			1			611	98634	1	EACH	CATCH BASIN RECONSTRUCTED TO GRADE	
		1			1			611	98690	1	EACH	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-1 CATCH BASIN	P.0048
		7			7			611	98820	7	EACH	INLET, NO. 3D	

GENERAL SUMMARY

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	BER
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0318   P.1587



SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	51	52	56	57	58	60	61	66		01/IMS/04	02/IMS/13	03/IMS/13						
							200	799		999			441	50101	999	CY	MAINTENANCE OF TRAFFIC ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22	P.0061
								1,332		1,332			611	97010	1,332	FT	SLOTTED DRAIN, TYPE 2, 15"	
							2,000			2,000			614	11110	2,000	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
						321,300				321,300			614	11630	321,300	FT	INCREASED BARRIER DELINEATION	
			LS					51		51			614	12380	51	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
				49						49			614	12420	49	LS	DETOUR SIGNING	
					17					17			614	18601	49	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.0058
										17			614	12484	17	EACH	WORK ZONE INCREASED PENALTIES SIGN	
										50			614	12500	50	EACH	REPLACEMENT SIGN	
										3			614	12756	3	EACH	WORK ZONE CROSSOVER LIGHTING SYSTEM	
3										3			614	12801	3	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	P.0060
							250	8,047		8,047			614	13000	250	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
								7,493		7,493			614	13310	7,493	EACH	BARRIER REFLECTOR, TYPE 1, ONE WAY	
								20,001		20,001			614	13350	20,001	EACH	OBJECT MARKER, ONE WAY	
								20,811		20,811			614	18030	20,811	FT	MAINTAINING TRAFFIC, MISC.: TROUGH	P.0063
				2.2						2.2			614	20560	2.2	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
								72.24		72.24			614	22110	72.24	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
					1.7					1.7			614	22360	1.7	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
								116.96		116.96			614	20056	116.96	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	
								80.91		80.91			614	20110	80.91	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
								146.21		146.21			614	22056	146.21	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
								125,947		125,947			614	23110	125,947	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	
								60,441		60,441			614	23210	60,441	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT	
								85,108		85,108			614	24102	85,108	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	
								48,951		48,951			614	24202	48,951	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
								212		212			614	25000	212	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I	
LS							4,000	28,389		32,389			615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
													615	20000	32,389	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
			353							353			616	10000	353	MGAL	WATER	
								1,069		1,069			617	11100	1,069	TON	COMPACTED AGGREGATE	
								3,372		3,372			617	20000	3,372	SY	SHOULDER PREPARATION	
								62,120		62,120			622	41011	62,120	FT	PORTABLE BARRIER, 50", AS PER PLAN	P.0057
								7		7			622	41060	7	EACH	DUAL PORTABLE BARRIER TRANSITION/TERMINATION	
								149,686		149,686			622	41100	149,686	FT	PORTABLE BARRIER, UNANCHORED	
								16,631		16,631			622	41111	16,631	FT	PORTABLE BARRIER, ANCHORED, AS PER PLAN	P.0057
				180						180			808	18700	180	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	
							38			38			829	00100	38	SNMT	WORK ZONE EGRESS WARNING SYSTEM	
							480			480			896	00010	480	SNMT	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS I	
							120			120			896	00021	120	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.0061
540,000										540,000			900	00100	540,000	EACH	RAILROAD FLAGGING SERVICES	P.1351
LS										LS			108	10000	LS		INCIDENTALS CPM PROGRESS SCHEDULE	
			LS							LS			614	11000	LS		MAINTAINING TRAFFIC	
		38								38			619	16021	38	MNTH	FIELD OFFICE, TYPE C, AS PER PLAN	P.0051
			LS							LS			623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	P.0052
LS										LS			624	10000	LS		MOBILIZATION	
										LS			SPECIAL	69091000	LS		AS-BUILT CONSTRUCTION PLANS	P.0051
										LS			SPECIAL	69098400	LS		PERMITS	

GENERAL SUMMARY

DESIGN AGENCY  
**STRUCTUREPOINT**  
INC.

DESIGNER  
BER

REVIEWER  
VDK 08/09/23

PROJECT ID  
76779

SHEET TOTAL  
P.03278 P.1587



ESTIMATED QUANTITIES

Sheet 348	Sheet 349	Sheet 350	Sheet 351	Sheet 352	Sheet 353	Sheet 354	Sheet 355	Sheet 356	Sheet 357	Sheet 358	Sheet 359	Sheet 368	ITEM	EXTENSION	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
2717	4490	2447											202	35100	9,654	FT	PIPE REMOVED, 24" AND UNDER	
1960	4276	3921											202	35200	10,157	FT	PIPE REMOVED, OVER 24"	
17	11	9											202	58000	37	EACH	MANHOLE REMOVED	
40	30	31											202	58100	101	EACH	CATCH BASIN REMOVED	
33	65	52											202	58200	150	EACH	INLET REMOVED	
522	1455	2271											202	70000	4,248	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 15"	P.0046
215	162	201											202	70000	578	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 18"	P.0046
31	235	388											202	70000	654	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 21"	P.0046
67	68	669											202	70000	804	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 24"	P.0046
247	300	275											202	70000	247	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 30"	P.0046
73	310	287											202	70000	575	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 36"	P.0046
738	643	773											202	70000	670	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 42"	P.0046
1891	375	640											202	70000	773	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 48"	P.0046
				145									202	70000	2,021	FT	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 54"	P.0046
				190									202	70110	145	FT	SPECIAL - PIPE CLEANOUT, 24" AND UNDER	
													202	70120	190	FT	SPECIAL - PIPE CLEANOUT, 27" TO 48"	
												7.12	601	21050	7.12	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
												124329	605	11110	124,329	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
												102604	605	14021	102,604	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	P.0046
												5889	611	00510	5,889	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
												4	611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET	
	46	11											611	04400	68	FT	12" CONDUIT, TYPE B	
	976	73											611	04600	68	FT	12" CONDUIT, TYPE C	
	261	249											611	05900	4,518	FT	15" CONDUIT, TYPE B	
													611	06100	2,127	FT	15" CONDUIT, TYPE C	
													611	06700	73	FT	15" CONDUIT, TYPE F	
													611	07400	382	FT	18" CONDUIT, TYPE B	
													611	07600	40	FT	18" CONDUIT, TYPE C	
													611	10400	309	FT	24" CONDUIT, TYPE B	
													611	10600	1,315	FT	24" CONDUIT, TYPE C	
													611	13600	527	FT	30" CONDUIT, TYPE C	
													611	16600	931	FT	36" CONDUIT, TYPE C	
													611	19400	247	FT	42" CONDUIT, TYPE B	
													611	19600	493	FT	42" CONDUIT, TYPE C	
													611	22600	2,816	FT	54" CONDUIT, TYPE C	
													611	23800	472	FT	60" CONDUIT, TYPE B	
													611	96600	3,516	FT	CONDUIT, BORED OR JACKED, 15", TYPE B	
													611	96600	1,245	FT	CONDUIT, BORED OR JACKED, 18", TYPE B	
													611	96600	1,387	FT	CONDUIT, BORED OR JACKED, 24", TYPE B	
													611	96600	114	FT	CONDUIT, BORED OR JACKED, 30", TYPE B	
													611	96600	150	FT	CONDUIT, BORED OR JACKED, 36", TYPE B	
													611	96600	143	FT	CONDUIT, BORED OR JACKED, 42", TYPE B	
													611	96600	102	FT	CONDUIT, BORED OR JACKED, 48", TYPE B	
													611	96600	140	FT	CONDUIT, BORED OR JACKED, 54", TYPE B	
													611	96600	455	FT	CONDUIT, BORED OR JACKED, 60", TYPE B	
													611	96600	122	FT	CONDUIT, BORED OR JACKED, 66", TYPE B	
													611	97400	24	FT	CONDUIT, MISC.: 12" CONDUIT, TYPE B, ROCK CUT	

DRAINAGE SUB-SUMMARY

CUY-90-6.69

MODEL: Sheet 1 PAPER: 34x22 (in.) DATE: 5/15/2024 TIME: 11:00:39 PM USER: isma  
 p:\structurepoint-pw\benley.com\structurepoint-pw\01\Documents\Projects\202000062\76779\400-Engineering\Drainage\Sheets\76779\_DS001.dgn

DESIGN AGENCY	AMERICAN STRUCTUREPOINT, INC.
DESIGNER	BER
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0346   P.1587

P.0047

SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	202										FOR INFORMATION ONLY					
			FROM	TO		PIPE REMOVED, 24" AND UNDER	PIPE REMOVED, OVER 24"	MANHOLE REMOVED	CATCH BASIN REMOVED	INLET REMOVED	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 15"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 18"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 21"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 24"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 30"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 42"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 54"	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 60"	MAX SIZE	APPROXIMATE MAXIMUM DEPTH	
						FT	FT	EACH	EACH	EACH	FT	FT	FT	FT	FT	FT	FT	FT	INCHES	FT	
1047	DR-1	RAMP HB	30+69.99	30+71.38	LT	6			1										12	5.00'	
1048	DR-2	HILLIARD BLVD	82+10.38	82+16.20	LT	15			1										12	3.00'	
1047	DR-3	IR 90	529+97.58	531+01.05	LT	52			1	2									15	5.50'	
1047	DR-4	IR 90	530+49.20	530+49.46	LT	9			1										12	4.00'	
1047	DR-5	IR 90	530+49.46	530+49.96	LT	57													21	6.50'	
1047	DR-6	IR 90	529+99.40	531+00.00	C/L	114				3									15	5.25'	
1047	DR-7	IR 90	529+98.44	531+02.17	RT	48			1	2		46							15	5.00'	
1047	DR-8	IR 90	530+49.96	530+49.99	RT	54		1						54					24	10.00'	
1047	DR-9	IR 90	530+49.99	533+49.86	RT	10	296	1	1										30	SEE IR 90 PROFILES	
1048	DR-10	IR 90	533+40.71	533+49.86	RT	88			1										15	3.3'	
1048	DR-11	IR 90	533+49.86	536+00.87	RT												247		N/A	NO PIPE REMOVAL	
1048	DR-12	IR 90	535+85.73	536+00.00	LT	64			1										15	4.00'	
1048	DR-13	IR 90	536+00.00	536+00.87	RT					1			74						N/A	NO PIPE REMOVAL	
1048	DR-14	IR 90	536+00.87	538+50.87	RT		247	1											33	SEE IR 90 PROFILES	
1048	DR-15	IR 90	535+19.21	536+00.87	RT				1			91							N/A	NO PIPE REMOVAL	
1048	DR-16	RAMP HA	35+61.87	535+19.21	LT/RT	88			1										15	4.00'	
1048	DR-17	IR 90	538+50.87	540+41.17	RT		192	1											33	SEE IR 90 PROFILES	
1048	DR-18	IR 90	539+89.55	540+92.48	RT	101			2	2									15	4.25'	
1048	DR-19	IR 90	540+41.17	542+86.65	RT		242		1										36	SEE IR 90 PROFILES	
1048	DR-20	IR 90	542+76.44	542+86.65	RT	8			1										21	3.25'	
1048	DR-21	IR 90	541+67.74	542+72.53	LT	99				1									15	4.25'	
1048	DR-22	IR 90	5427+58.24	543+75.24	LT	95			2										15	5.00'	
1048	DR-23	IR 90	542+72.53	543+29.94	LT	72		1	1										18	7.00'	
1048	DR-24	IR 90	542+72.53	542+86.65	LT/RT	167			1	1									21	8.00'	
1048	DR-25	IR 90	542+86.65	545+25.29	RT				1										42	SEE IR 90 PROFILES	
1049	DR-26	IR 90	545+25.29	547+24.66	RT				1										42	SEE IR 90 PROFILES	
1049	DR-27	IR 90	547+24.66	547+44.00	LT/RT	91			1	1									15	6.00'	
1049	DR-28	IR 90	546+92.77	547+24.66	RT	23		1	1	1									15	5.25'	
1049	DR-29	IR 90	547+24.66	551+80.86	RT			1											60	SEE IR 90 PROFILES	
1049	DR-30	IR 90	551+80.86	554+00.92	RT	216													24	8.00'	
1049	DR-31	IR 90	554+00.14	554+00.92	LT/RT	17		1	2	3									24	8.00'	
1051	DR-32	IR 90	571+99.84	572+00.00	RT	6				1									18	4.00'	
1051	DR-33	IR 90	572+00.00	574+25.00	LT/RT	370		2	4	4		72							18	5.00'	
1051	DR-34	IR 90	574+25.00	574+92.46	RT		61	1											27	SEE IR 90 PROFILES	
1052	DR-35	IR 90	582+86.41	586+93.90	LT		413	1											60	SEE IR 90 PROFILES	
1052	DR-36	IR 90	582+86.41	583+16.39	LT/RT	160	30		2	3									27	6.00'	
1052	DR-37	IR 90	586+93.90	593+24.03	LT			1									655		N/A	NO PIPE REMOVAL	
1052	DR-38	IR 90	589+24.64	590+48.88	LT/RT	192		1	1	1			31						21	10.00'	
1052	DR-39	IR 90	590+48.88	591+00.00	RT	49			1										12	3.00'	
1052	DR-40	IR 90	590+56.69	590+55.18	LT	56			1										12	16.75'	
1053	DR-41	IR 90	593+24.03	594+50.71	LT				2			163							N/A	NO PIPE REMOVAL	
1053	DR-42	IR 90	593+24.03	595+96.47	LT														275	N/A	NO PIPE REMOVAL
1053	DR-43	IR 90	595+96.47	601+01.65	LT			1											501	N/A	NO PIPE REMOVAL
1053	DR-44	IR 90	600+48.70	601+25.84	LT					2		75							N/A	NO PIPE REMOVAL	
1053	DR-45	IR 90	600+52.95	601+50.99	RT	50				2		46							15	3.50'	
1053	DR-46	IR 90	600+49.88	601+48.32	C/L	49				2		49							15	5.75'	
1053	DR-47	IR 90	600+99.93	601+01.65	LT/RT	86			4	1			69		13				24	5.75'	
1053	DR-48	IR 90	601+01.65	604+99.78	LT			1											N/A	NO PIPE REMOVAL	
1053	DR-49	IR 90	604+98.11	604+99.78	LT/RT	205			1										N/A	NO PIPE REMOVAL	
1054	DR-50	IR 90	604+99.78	608+42.25	LT														N/A	NO PIPE REMOVAL	
<b>TOTALS CARRIED TO SHEET 346</b>						2717	1960	17	40	33		522	215	31	67	247	73	738	1891		

DRAINAGE REMOVAL ESTIMATED QUANTITIES

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	BER
REVIEWER	VDK 08/09/23
PROJECT ID	76779
SHEET TOTAL	P.0348 P.1587

SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611		
			12" CONDUIT, TYPE B	15" CONDUIT, TYPE B		15" CONDUIT, TYPE C	24" CONDUIT, TYPE C	MANHOLE RECONSTRUCTED TO GRADE	CONDUIT, BORED OR JACKED, 36", TYPE B	36" CONDUIT, TYPE C	42" CONDUIT, TYPE B	42" CONDUIT, TYPE C	60" CONDUIT, TYPE B	CONDUIT, BORED OR JACKED, 15", TYPE B	CONDUIT, BORED OR JACKED, 18", TYPE B	CONDUIT, BORED OR JACKED, 24", TYPE B	CATCH BASIN, NO. 3	CATCH BASIN, NO. 3A	CATCH BASIN, NO. 5	INLET, NO. 2-A-6	INLET, NO. 2-A-8	INLET, NO. 2-A-10	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1	MANHOLE, NO. 3	MANHOLE, NO. 3, AS PER PLAN			
			FROM	TO		FT	FT	FT	FT	EACH	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
OUTFALL A																												
1047/1069	D2	WESTWAY DR	49+48.00	49+52.51	LT	6														1								
OUTFALL AH																												
1048/1068	D3A	HILLIARD BLVD	82+10.38	82+13.00	LT	7																						
1048/1068	D4	HILLIARD BLVD	82+13.00	82+32.00	LT	19															1							
OUTFALL B																												
1047/1070	D88	IR 90	530+69.00	530+69.00	LT/RT																							
1047/1070	D83	IR 90	530+69.00	530+69.00	RT																							
1047/1070	D79	IR 90	530+69.00	533+50.00	RT																							
1048/1070	D75	IR 90	533+50.00	535+20.00	RT																							
1048/1070	D71	IR 90	535+20.00	37+53.40	RT																							
1047/1075	D79A	IR 90	353+30.00		RT					1																		
1048/1070	D62	RAMP HA	37+53.40	37+60.00	LT/RT																							
1048/1070	D57	RAMP HA	37+60.00	40+16.00	RT																							
1048/1071	D50	RAMP HA	40+16.00	542+89.00	RT																							
1048/1071	D21	IR 90	542+89.00	545+10.00	RT																							
1049/1072	D19	IR 90	545+10.00	545+54.00	RT																							
1049/1072	D18	IR 90	545+54.00	547+00.00	RT																							
1049/1072	D17	IR 90	547+00.00	547+09.00	RT																							
1049/1072	D14	IR 90	547+09.00	547+65.00	RT																							
1049/1072	D11	IR 90	547+65.00	551+91.86	RT																							
1047/1075	D86	IR 90	529+87.00	530+69.00	RT																							
1047/1075	D85	IR 90	530+69.00	531+51.00	RT																							
1048/1075	D77	RAMP HB	32+51.00	533+50.00	LT																							
1048/1075	D78	IR 90	533+50.00	533+50.00	RT																							
1048/1075	D67	IR 90	535+40.00	535+20.00	RT																							
1048/1075	D72	RAMP HA	35+43.00	535+20.00	LT																							
1048/1075	D73	RAMP HA	35+43.00	35+70.00	LT/RT																							
1048/1075	D74	RAMP HA	35+70.00	35+75.00	RT																							
1048/1075	D66	IR 90	536+65.00	537+48.00	RT																							
1048/1076	D69	IR 90	537+47.00	537+50.00	LT																							
1048/1076	D65	IR 90	537+50.00	537+48.00	LT/RT																							
1048/1076	D64	IR 90	537+48.00	37+53.40	RT																							
1048/1076	D54	RAMP HA	39+68.00	40+16.00	RT																							
1048/1076	D53	RAMP HA	40+16.00	540+58.00	RT																							
1048/1076	D55	RAMP HA	40+16.00	40+16.00	RT																							
1048/1076	D51	RAMP HA	40+16.00	40+16.00	RT																							
1048/1076	D27	IR 90	542+00.00	542+75.00	RT																							
1048/1077	D49	RAMP HB	38+16.00	39+18.00	RT																							
1048/1077	D48	RAMP HB	39+18.00	39+85.00	RT																							
1048/1077	D47	RAMP HB	39+85.00	42+81.00	RT																							
1048/1077	D28	RAMP HB	42+81.00	542+75.00	RT																							
1048/1077	D26	IR 90	542+75.00	542+91.00	RT																							
1048/1077	D25	IR 90	542+91.00	542+89.00	RT																							
1048/1077	D22	IR 90	542+89.00	542+89.00	RT																							
1048/1077	D30	RAMP HB	42+73.50	42+73.50	LT																							
1048/1077	D29	RAMP HB	42+73.50	543+25.25	LT																							
1048/1077	D32	IR 90	543+25.25	543+75.00	LT																							
1048/1077	D33	IR 90	543+75.00	543+75.25	LT																							
1048/1078	D31	IR 90	543+25.25	42+81.00	LT																							
TOTALS CARRIED TO SHEETS 346 & 347						46	976	261	332	1	58	923	247	493	472	143	126	235	5	4	10	1	2	1	5	9	9	

DRAINAGE ESTIMATED QUANTITIES

DESIGN AGENCY

AMERICAN  
STRUCTUREPOINT  
INC.

DESIGNER

BER

REVIEWER

VDK 08/09/23

PROJECT ID

76779

SHEET TOTAL

P.0351 | P.1587



SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	
			FROM	TO		15" CONDUIT, TYPE B	15" CONDUIT, TYPE C	18" CONDUIT, TYPE B	24" CONDUIT, TYPE B	CONDUIT, BORED OR JACKED, 15", TYPE B	CONDUIT, BORED OR JACKED, 24", TYPE B	CONDUIT, BORED OR JACKED, 30", TYPE B	CONDUIT, MISC.: 15" CONDUIT, TYPE B, ROCK CUT	CONDUIT, MISC.: 15" CONDUIT, TYPE C, ROCK CUT	CONDUIT, MISC.: 24" CONDUIT, TYPE B, ROCK CUT	CATCH BASIN, NO. 3	CATCH BASIN, NO. 3A	CATCH BASIN, NO. 5	CATCH BASIN, NO. 6	INLET, NO. 3D	INLET, NO. 2-A-6	INLET, NO. 2-A-8	INLET, NO. 2-A-10	INLET, NO. 2-A-12	INLET, NO. 2-A-14	MANHOLE, NO. 3	MANHOLE, NO. 3, AS PER PLAN
OUTFALL M CONTINUED																											
1064/1136	D880	RAMP 117-5	29+00.00	28+03.00	LT																						
1064/1136	D879	RAMP 117-5	28+03.00	27+53.00	LT							95														1	
1064/1136	D872	IR 90	730+86.00	730+22.00	RT							48															
1064/1136	D873	IR 90	729+56.00	730+22.00	RT																						
1064/1136	D871	IR 90	730+22.00	730+34.00	RT																						
1064/1136	D867	IR 90	732+47.00	732+34.00	LT																						
1064/1136	D866	IR 90	732+34.00	732+39.00	LT																						
1065/1137	D863	RAMP 117-12	34+50.00	40+74.00	RT																						
1065/1137	D862	RAMP 117-11	40+74.00	38+85.00	LT																						
1065/1137	D860	RAMP 117-11	38+85.00	735+76.00	LT																						
1065/1137	D858	IR 90	735+76.00	735+76.00	LT																						
1065/1137	D857	IR 90	735+76.00	735+76.00	RT																						
1065/1137	D861	RAMP 117-12	36+86.00	38+85.00	LT																						
1065/1137	D859	IR 90	735+12.00	735+76.00	LT																						
1065/1138	D848	RAMP 117-9	34+90.00	36+60.00	RT																						
1065/1138	D847	RAMP 112-9	36+60.00	38+25.00	RT																						
1065/1138	D846	RAMP 112-9	38+25.00	36+98.00	RT																						
1065/1138	D845	RAMP 112-9	36+98.00	740+15.00	RT																						
1065/1138	D843	IR 90	740+15.00	741+57.00	RT																						
1065/1138	D841	IR 90	741+57.00	741+56.00	RT																						
1065/1138	D840	IR 90	741+56.00	741+50.00	LT																						
1065/1139	D853	IR 90	735+75.00	738+46.00	RT																						
1065/1139	D851	IR 90	738+46.00	739+54.00	RT																						
1065/1139	D850	IR 90	739+54.00	739+62.98	RT																						
1065/1139	D852	IR 90	738+98.00	738+46.00	RT																						
1065/1139	D842	IR 90	742+10.00	741+57.00	RT																						
1065/1140	D835	RAMP 117-12	39+10.00	41+00.00	LT																						
1065/1140	D834	RAMP 117-12	41+00.00	43+30.00	LT																						
1065/1140	D832	RAMP 117-12	43+30.00	743+59.00	LT																						
1065/1140	D830	IR 90	743+59.00	745+05.00	LT																						
1065/1140	D828	IR 90	745+05.00	745+05.00	LT																						
1065/1140	D826	IR 90	745+05.00	745+03.50	LT/RT																						
1065/1140	D829	IR 90	744+85.00	745+05.00	LT																						
1065/1141	D831	IR 90	742+46.00	743+59.00	LT																						
1065/1141	D819	IR 90	744+05.00	746+25.00	RT	220																					
1065/1141	D817	IR 90	746+25.00	748+40.00	RT	211																					
1066/1141	D816	IR 90	748+40.00	749+75.00	RT	135																					
1066/1142	D815	IR 90	749+75.00	749+75.00	RT																						
1066/1142	D821	IR 90	749+75.00	749+70.00	LT																						
1066/1142	D822	IR 90	749+70.00	748+50.00	LT	124																					
1066/1142	D822A	IR 90	748+50.00	747+25.00	LT	125																					
1066/1142	D823	IR 90	747+25.00	746+00.00	LT	125																					
1066/1143	D812	IR 90	751+75.00	751+75.00	LT/RT																						
1066/1143	D809	IR 90	753+59.00	753+59.00	LT/RT																						
1066/1143	D807	IR 90	754+75.00	754+69.00	LT/RT																						
<b>TOTALS CARRIED TO SHEETS 346 &amp; 347</b>						940	595	202	77	512	385	114	965	773	270	6	1	10	2	2	4	4	7	2	1	5	1

DRAINAGE ESTIMATED QUANTITIES

DESIGN AGENCY  
**AMERICAN STRUCTUREPOINT**  
 INC.

DESIGNER  
**BER**

REVIEWER  
 VDK 08/09/23

PROJECT ID  
 76779

SHEET TOTAL  
 P.0358 | P.1587

SHEET NUMBER																				ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET							
P.1291	P.1292	P.1293	P.1294	P.1295	P.1296	P.1297	P.1298	P.1299	P.1300	P.1301	P.1302	P.1303	P.1304	P.1305	P.1306	P.1307	P.1308	P.1309	P.1310													
																											625	00450	423	EACH	LIGHTING	
24	25	31	25	20	29	31	26	16	24	24	34	18	22	10	30	28	6			625	00480	207	EACH	CONNECTION, FUSED PULL APART								
9		15	3	21	6		18	12	18	27		45	9	18		6				625	10494	58	EACH	CONNECTION, UNFUSED PERMANENT								
7	6	14	9	3	5	10			2	2										625	10494	142	EACH	LIGHT POLE, LOW MAST, ALM50								
2	5		2	7	8	4	13	7	10	10	17	9	11	5	15	14	3			625	10614	40	EACH	LIGHT POLE, LOW MAST, ATLM50								
		16	8						8	8										625	10614	40	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE								
								1												625	14000	1	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP								
2	5		2	7	8	4	13	7	10	10	17	9	11	5	15	14	3			625	14200	142	EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP								
7	6	10	7	3	5	10														625	14306	48	EACH	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP								
5355	6525	11640	10155	6390	3810	7875	1365	4755	4950	6030		3210	660	1230	450	420	405	600		625	23200	75825	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE								
1350	1650	2100	1650	1500	1950	2100	1950	1200	1800	1800	2550	1350	1650	750	2250	2100	450			625	23400	30150	FT	NO. 10 AWG POLE AND BRACKET CABLE								
280	1145	105	425	1625	1375	1015	3560	3070	3025	1885	4765	4730	2630	1605	6890	3415	605	1500		625	24320	43650	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES								
40	124		80				22					283						200		625	25300	749	FT	CONDUIT, 1-1/2", 725.04								
18	207		195							530										625	25304	950	FT	CONDUIT, 1-1/2", 725.051								
<del>129</del>	<del></del>	<del>1384</del>	<del>285</del>	<del></del>	<del></del>	<del></del>	<del>300</del>	<del>560</del>	<del>1200</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>625</del>	<del>25408</del>	<del>3729</del>	<del>FT</del>	<del>CONDUIT, 2", 725.051</del>								
<del>246</del>	<del>216</del>	<del>374</del>	<del>196</del>	<del>179</del>	<del>710</del>	<del>484</del>	<del>86</del>	<del>218</del>	<del>196</del>	<del>344</del>	<del>136</del>	<del>129</del>	<del>123</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>625</del>	<del>25902</del>	<del>3746</del>	<del>FT</del>	<del>CONDUIT, JACKED OR DRILLED, 725.04, 3"</del>								
9	11	14	11	10	13	14	13	7	12	12	17	9	11	5	15	14	3			625	26273	200	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, 480V	P.1310							
2	2		2				1					4								625	27503	11	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 480V	P.1310							
																		4		625	27503	4	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, CPP FIXTURE	P.1310							
287	1287	25	598	1317	1279	691	2785	2175	1928	1620	4580	2581	2214	1480	3686	3260	583			625	29000	32376	FT	TRENCH								
1	1		1				1					6						4		625	29900	14	EACH	JUNCTION BOX								
2	2		2	1		1														625	29930	8	EACH	MEDIAN JUNCTION BOX								
3	3	2	2	3	1	1	3	2	5	1	3	3	9	2	2			11		625	30700	56	EACH	PULL BOX, 725.08, 18"								
		1					4	3	5	2		1								625	30706	16	EACH	PULL BOX, 725.08, 24"								
			1									2								625	30731	3	EACH	PULL BOX, 725.08, 48", TYPE 1, AS PER PLAN	P.1310							
							1													625	31510	1	EACH	PULL BOX REMOVED								
9	11	10	9	10	13	14	13	8	10	10	17	9	11	5	15	14	3			625	32000	191	EACH	GROUND ROD								
		1								2										625	33001	3	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	P.1310							
	1		1				1	1	1	1		1								625	34001	7	EACH	POWER SERVICE, AS PER PLAN	P.1309							
									1			1								625	34450	2	EACH	CONTROL CENTER CABINET, COMPLETE								
							1													625	35010	1	EACH	REMOVE AND REERECT EXISTING LIGHT POLE								
287	1287	25	598	1317	1279	691	2785	2175	1928	1620	4580	2581	2214	1480	3686	3260	583			625	36010	32376	FT	UNDERGROUND WARNING/MARKING TAPE								
1	1		1				1					2								625	37100	6	EACH	SERVICE TO UNDERPASS LIGHTING								
																		1		625	37101	1	EACH	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN	P.1309							
1		1			1	2		2	2											625	39520	9	EACH	PULL BOX CLEANED								
																			LS	SPECIAL	625E40000	LS			MAINTAIN EXISTING LIGHTING	P.1310						
						8	7	6	5	5	10	5	1		5	7				625	75350	59	EACH	LIGHT TOWER REMOVED								
10	10	14	11	10	13	3					1	1	11	12	5	5	4			625	75400	110	EACH	LIGHT POLE REMOVED								
3	4		2	7	7	1					1	1	11	13	5	5	4			625	75500	65	EACH	LIGHT POLE FOUNDATION REMOVED								
							7	4												625	75540	11	EACH	LIGHT TOWER FOUNDATION REMOVED								
5	3		1	3	1	2	3	5	4							3	1			625	75800	31	EACH	DISCONNECT CIRCUIT								
4			1		1	2		4	2											625	98000	14	EACH	LIGHTING, MISC.: CONNECT PROPOSED CIRCUIT TO EXISTING CIRCUIT	P.1310							
	3			4			2	2	2											625	98000	13	EACH	LIGHTING, MISC.: CONNECT PROPOSED CIRCUIT TO EXISTING CONTROL CENTER	P.1310							
										1		1					1			625	98000	3	EACH	LIGHTING, MISC.: DISCONNECT EXISTING WIRES FROM EXISTING CONTROL CENTER	P.1310							
	1			1			1	1	1	1		1								625	98000	7	EACH	LIGHTING, MISC.: TEST NEW CIRCUITS	P.1310							

LIGHTING GENERAL SUMMARY (WEST)

DESIGN AGENCY  
**Michael Baker**  
 INTERNATIONAL  
 DESIGNER  
 SED  
 REVIEWER  
 JLD 08/09/23  
 PROJECT ID  
 76779  
 SHEET TOTAL  
 P.1290 P.1587













Table with columns: SHEET NO., STATION (FROM/TO), SIDE, POLE/PULL BOX NO., and 36 columns for item descriptions (e.g., CONNECTION, FUSED PULL APART; CONDUIT, JACKED OR DRILLED, 725.04, 3"). Rows include item details like P.1319, P.1320, and a final 'TOTALS TO GENERAL SUMMARY' row.

LIGHTING SUBSUMMARY (WEST) (6 OF 18)



DESIGN AGENCY: Michael Baker International  
DESIGNER: SED  
REVIEWER: JLD 08/09/23  
PROJECT ID: 76779  
SHEET TOTAL: P.1296 P.1587

















MODEL: Sheet: 14 PAPER: 34x22 (in.) DATE: 5/14/2024 TIME: 3:38:03 PM USER: Jennifer.Dovale p:\structurepoint-pw\benley.com\structurepoint-pw-01\Documents\Projects\2020000276779\400-Engineering\Lighting\Sheets\76779\_LS101.dgn

Main data table with columns: SHEET NO., STATION (FROM, TO), SIDE, POLE/PULL BOX NO., and 38 quantity columns. Includes rows for RAMP 117-8, RAMP 117-5, and RAMP 117-11, along with various pole and foundation details. Ends with a 'TOTALS TO GENERAL SUMMARY' row.

Summary table with columns: SHEET P.1304, TOTAL P.1587, DESIGN AGENCY (Michael Baker International), DESIGNER (SED), REVIEWER (JLD 08/09/23), PROJECT ID (76779).







