

630 REMOVAL OF OVERHEAD MOUNTED SIGN & REERECTION, AS PER PLAN (SIGNS)

630 OVERHEAD SIGN SUPPORT, INSTALLATION ONLY, AS PER PLAN (TRUSS)

630 OVERHEAD SIGN SUPPORT MODIFICATION, AS PER PLAN (END POST ASSEMBLIES)

THE EXISTING TRUSS UPRIGHTS (END POST ASSEMBLIES) ARE IN PLACE AT EACH LOCATION AND ARE FREE STANDING. THE EXISTING TRUSS UPRIGHTS (END POST ASSEMBLIES) SHALL BE REMOVED FROM THE EXISTING LOCATIONS AND TRANSPORTED TO THE ODOT D9 STORAGE LOCATION AND PREPARED FOR THE REQUIRED ITEM 630 SIGNING MISC.: INSPECTION. SUPPLY ANY CRIBBING AS NECESSARY. ANY DAMAGE CAUSED BY THE CONTRACTOR DUE TO MISHANDLING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN RECORDS TO ENSURE PROPER REINSTALLATION LOCATIONS. THE END POST ASSEMBLIES SHALL BE REERECTED ON THE NEW FOUNDATIONS UPON COMPLETION OF THE REQUIRED ITEM 630 SIGNING MISC.: INSPECTION. ALL WORK ASSOCIATED WITH THE REMOVAL, TRANSPORTATION TO THE ODOT D-9 YARD FOR INSPECTION, MOUNTING HARDWARE, AND REERECTION SHALL BE PAID UNDER ITEM 630 OVERHEAD SIGN SUPPORT MODIFICATION, AS PER PLAN (END POST ASSEMBLIES). THE SIGNS AND TRUSSES TO BE REERECTED ARE LOCATED AT THE ODOT-D-9'S STORAGE LOCATIONS. THE SIGNS AND TRUSSES SHALL RE-ERECTED WITH NEW SIGN ATTACHMENT ASSEMBLIES AND NEW MOUNTING HARDWARE. THE MOUNTING HARDWARE INCLUDES SELF-ALIGNING ALUMINUM MOUNTING CUPS, STAINLESS STEEL T-BOLTS, STAINLESS STEEL WASHERS AND STAINLESS STEEL NYLON INSERT LOCK NUTS. AFTER REERECTION OF SIGN(S), THE CRITICAL MINIMUM VERTICAL CLEARANCE UNDER THE SIGNS SHALL BE FIELD MEASURED AND COMPARED TO THE VERTICAL CLEARANCE PER PLAN AND THE MINIMUM VERTICAL CLEARANCE OF 23'-6". ANY VERTICAL CLEARANCE UNDER THE REERECTED SIGNS LESS THAN THE MINIMUM OF 23'-6" SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ODOT ENGINEER. DO NOT REERECT THE TRUSSES UNTIL THE REQUIRED ITEM 630 SIGNING MISC.: INSPECTION LUMP SUM INSPECTION AND ANY NECESSARY REPAIRS IS COMPLETED. ALL WORK ASSOCIATED WITH THE RE-ERECTION OF THE OVERHEAD SIGN TRUSS WITH NEW MOUNTING HARDWARE SHALL BE INCLUDED IN THE 630 OVERHEAD SIGN SUPPORT, INSTALLATION ONLY, AS PER PLAN (TRUSS). ALL WORK ASSOCIATED WITH THE REERECTION OF THE OVERHEAD SIGNS, THE NEW MOUNTING HARDWARE, AND THE VERIFICATION OF MINIMUM VERTICAL CLEARANCE UNDER THE REERECTED SIGNS WILL BE PAID UNDER ITEM 630 REMOVAL OF OVERHEAD MOUNTED SIGN & REERECTION, AS PER PLAN. THE SIGN ATTACHMENT ASSEMBLIES WILL BE ITEMIZED SEPARATELY. THE FOLLOWING ESTIMATED QUANTITY IS CARRIED TO THE GENERAL SUMMARY.

ITEM 630 REMOVAL OF OVERHEAD MOUNTED SIGN & REERECTION, AS PER PLAN (SIGNS) - 13 EACH
ITEM 630 OVERHEAD SIGN SUPPORT, INSTALLATION ONLY, AS PER PLAN (TRUSS) - 7 EACH
ITEM 630 OVERHEAD SIGN SUPPORT MODIFICATION, AS PER PLAN (END POST ASSEMBLIES) - 14 EACH

ITEM 606 GUARDRAIL REBUILT, BARRIER DESIGN, TYPE MGS, AS PER PLAN

THE CONTRACTOR SHALL REMOVE APPROXIMATELY 50 LINEAR FEET OF THE EXISTING GUARDRAIL ON THE LEFT SIDE AT SIGN LOCATION #1. REMOVAL OF THE GUARDRAIL WILL BE PAID UNDER ITEM 202. NEW GUARDRAIL, BARRIER DESIGN, TYPE MGS WILL BE INSTALLED AND SPLICED INTO THE EXISTING GUARDRAIL. AN ESTIMATED QUANTITY OF 50 LINEAR FEET OF NEW GUARDRAIL BARRIER DESIGN, WILL BE USED FOR THIS WORK. ALL WORK SHALL BE PERFORMED PER SECTION 606 OF THE CMS SPECIFICATIONS. THE FOLLOWING ESTIMATED QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY FOR THE COMPLETION OF THIS WORK :

ITEM 202 GUARDRAIL REMOVED 50 FT.
ITEM 606 GUARDRAIL REBUILT, BARRIER DESIGN, TYPE MGS, AS PER PLAN 50 FT.

ITEM 622 CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN

THE CONTRACTOR SHALL PROVIDE A 15' CONCRETE BARRIER END ANCHORAGE REINFORCED TYPE D PER THE STANDARD DRAWINGS AND SECTION 622 OF THE CMS. THIS WORK SHALL INCLUDE THE USE OF DOWELS TO TIE INTO THE EXISTING END SECTION AND THE GOUND TO ANCHOR THE NEW BARRIER TO THE EXISTING. ALL WORK ASSOCIATED WITH THIS SHALL BE INCLUDED IN PAYMENT WITH ITEM 622 CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN.

ITEM 622 CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN 1 EACH

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 630 SIGNING MISC.: INSPECTION

THE EXISTING SIGN TRUSSES INCLUDING THE SIGNS HAVE BEEN RELOCATED TO THE DISTRICT 9 STORAGE FACILITIES IN SCIOTO COUNTY AND ROSS COUNTY RESPECTIVELY. THE TRUSSES WERE PLACED ON THE GROUND AT THESE FACILITIES. THE LOCATION OF EACH STORAGE FACILITY ALONG WITH WHICH SIGN LOCATIONS IS LISTED BELOW:

SCIOTO COUNTY - ODOT WHEELERSBURG OUTPOST
14 HAYPORT RD
WHEELERSBURG, OH 45694
LOCATIONS #1-#3

ROSS COUNTY - TRUCK PARKING AREA
US 23
CHILLICOTHE, OHIO 45601
LOCATIONS #4-#7

THE SIGN SUPPORT TRUSS MEMBERS AND THE END POST ASSEMBLIES INCLUDING BASE PLATES SHALL BE INSPECTED BY AN ODOT PRE-QUALIFIED LEVEL 1 BRIDGE INSPECTION ENGINEER. THE SIGN SUPPORT INSPECTION REPORT INCLUDING ALL FINDINGS AND ANY DEFECTS SHALL BE PREPARED BY A LICENSED ENGINEER, REGISTERED IN THE STATE OF OHIO, AND SUBMITTED TO ODOT FOR REVIEW AND APPROVAL. ONCE THE REPORT HAS BEEN FINALIZED AND APPROVED BY THE PRE-QUALIFIED LEVEL 1 BRIDGE INSPECTION ENGINEER, THE DEPARTMENT WILL REVIEW. ALLOW 10 WORKING DAYS FOR ODOT REVIEW. ODOT WILL CONTACT THE CONTRACTOR IF IT DETERMINES ADDITIONAL INFORMATION IS NEEDED. THE DEPARTMENT WILL DIRECT ANY NECESSARY REPAIRS AND/OR FULL REPLACEMENT. THE REPAIR AND REPLACEMENT WORK WILL BE PERFORMED BY THE CONTRACTOR AND SHALL BE COMPENSATED THROUGH A CHANGE ORDER. AN AWS CERTIFIED ALUMINUM WELDER AND AWS CERTIFIED STEEL WELDER MAY BE REQUIRED TO PERFORM ANY WELD REPAIRS THAT THE ENGINEER DEEMS NECESSARY. ALL WELDING WOULD BE PAID FOR AS EXTRA WORK PER C&MS 109.05. THE FOLLOWING PAY ITEM HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THE WORK DESCRIBED ABOVE:

ITEM 630 SIGNING MISC.: INSPECTION LUMP SUM

REMOVAL OF TEMPORARY SIGNS AND SUPORTS

THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE THE EXISTING TEMPORARY MAJOR SIGNS (BLACK ON ORANGE SIGNS), SUPPORTS, AND REGRADE THE EXISTING SLOPE. THE EXISTING SIGNS AND WHOLE SUPPORTS SHALL BE DELIVERED TO THE DISTRICT STORAGE FACALITIES FOR EACH COUNTY (SCIOTO, ROSS COUNTY). PRIOR TO THE REMOVAL THE CONTRACTOR SHALL CONTACT THE DISTRICT ENGINEER TO MAKE ARRANGEMENTS AND CONFIRM WHERE THE SIGNS AND POST ARE TO BE DELIVERED. THE EXISTING TEMPORARY SIGNS ARE LOCATED AT THE FOLLOWING LOCATIONS ON WOOD POST:

TEMPORARY SIGN #1 - SCI-52-18.319 (880' WEST OF EXISTING TRUSS SIGN WITHIN THE MEDIAN)

TEMPORARY SIGN #2 - SCI-73-25.128 (50' SOUTH OF EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #3 - SCI-73-25.128 (50' SOUTH OF EXISTING TRUSS SIGN ON THE LEFT SIDE)

TEMPORARY SIGN #4 - SCI-73-24.987 (50' SOUTH OF EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #5 - SCI-73.24.987 (50' SOUTH OF EXISTING TRUSS SIGN ON THE LEFT SIDE)

TEMPORARY SIGN #6 - ROS-23-10.057 (575' SOUTH OF EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #7 - ROS-23-10.057 (30' SOUTH OF THE EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #8 - ROS-23-10.057 (525' SOUTH OF THE EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #9 - ROS-23-11.860 (30' SOUTH OF THE EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #10 - ROS-23-11.860 (30' SOUTH OF THE EXISTING TRUSS SIGN ON THE LEFT SIDE)

TEMPORARY SIGN #11 - ROS-23-12.836 (20' NORTH OF THE EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #12 - ROS-23-12.836 (20' NORTH OF THE EXISTING TRUSS SIGN ON THE LEFT SIDE)

TEMPORARY SIGN #13 - ROS-23-13.021 (50' NORTH OF THE EXISTING TRUSS SIGN ON THE RIGHT SIDE)

TEMPORARY SIGN #14 - ROS-23-13.021 (50' NORTH OF THE EXISTING TRUSS SIGN ON THE LEFT SIDE)

THE EXACT LOCATION OF THE TEMPORARY SIGNS MAY DIFFER SLIGHTLY FROM WHAT IS LISTED ABOVE BECAUSE THEY WILL BE INSTALLED BY OTHERS PRIOR TO THIS PROJECT.

THE REMOVAL OF THE SIGNS WILL BE PAID UNDER ITEM 630 REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DELIVERY. THE REMOVAL OF THE WHOLE WOOD POST WILL BE PAID UNDER ITEM 630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DELIVERY. THE FOLLOWING PAY ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 630 REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DELIVERY - 14 EACH
ITEM 630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DELIVERY - 28 EACH

ITEM 630 SIGN ATTACHMENT ASSEMBLY, AS PER PLAN

SIGN ATTACHMENT ASSEMBLIES SHALL BE PROVIDED FOR THE EXISTING OVERHEAD EXTRUSHEET SIGNS TO BE USED AS NEEDED FOR THIS PROJECT. AN ESTIMATED QUANTITY AS SHOWN BELOW, HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 630 SIGN ATTACHMENT ASSEMBLY, AS PER PLAN 66 EACH

ITEM 202 REMOVAL MISC.: REMOVAL OF CONCRETE FOUNDATION

THE EXISTING OVERHEAD SIGN TRUSS FOUNDATIONS SHALL BE REMOVED TO 1' BELOW THE EXISTING GRADE WITH THE EXCAVATION REGRADED TO MATCH THE EXISTING SLOPE. ALL WORK ASSOCIATED WITH THIS SHALL BE INCLUDED IN PAYMENT WITH ITEM 202 REMOVAL MISC.: REMOVAL OF CONCRETE FOUNDATION. AN ESTIMATED QUANTITY AS SHOWN BELOW, HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 202 REMOVAL MISC.: REMOVAL OF CONCRETE FOUNDATION 14 EACH

ITEM 606 MGS BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1

THE CONTRACTOR SHALL REMOVE THE EXISTING MGS BRIDGE TERMINAL ASSEMBLY LOCATED ON THE LEFT SIDE OF SIGN LOCATION #1 AND REBUILD ONCE THE NEW CONCRETE BARRIER HAS BEEN EXTENDED. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 606 MGS BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1 1 EACH



CONSTRUCTION SEQUENCE:

1. STAKE THE LOCATIONS OF THE PROPOSED FOUNDATIONS IN RELATION TO THE EXISTING AT A DISTANCE AS DESIGNATED IN THE PLAN TO MAINTAIN THE SAME SPAN (DISTANCE FROM CENTER OF LEFT AND RIGHT SUPPORTS) PRIOR TO REMOVAL OF THE EXISTING SIGN STRUCTURES. VERIFY COMPATIBILITY OF THE CORRESPONDING TRUSS WITH THE PROPOSED LOCATION. ANY ISSUES IN MAINTAINING THE SPAN LENGTH OF SIGN SUPPORTS TO MATCH THE EXISTING SPAN LENGTH AT THE PROPOSED LOCATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

2. CAREFULLY DISASSEMBLE/REMOVE THE FOURTEEN DESIGNATED SIGN SUPPORT END POSTS INCLUDING BASE PLATES. TRANSPORT THE END POST ASSEMBLIES TO THE RESPECTIVE ODOT D9 STORAGE LOCATION. MAINTAIN PROPER LOCATION TRACKING FOR EACH END POST ASSEMBLY AND PREPARE FOR THE REQUIRED ITEM 630 SIGNING MISC.: INSPECTION.

FOR EACH LOCATION, THE SIGN SUPPORT TRUSS MEMBERS ARE LOCATED AT THE FOLLOWING:

- TRUSS SIGN 1-SCI-52-18.319
- TRUSS SIGN 2- SCI-73-25.128
- TRUSS SIGN 3- SCI-73-24.987
- TRUSS SIGN 4- ROS-23-10.057
- TRUSS SIGN 5- ROS-23-11.860
- TRUSS SIGN 6- ROS-23-12.836
- TRUSS SIGN 7- ROS-23-13.021

3. PERFORM THE REQUIRED ITEM 630 SIGNING MISC.: INSPECTION LUMP SUM FOR ALL SIGN TRUSSES AND END FRAME ASSEMBLIES. PERFORM ANY DIRECTED REPAIRS OR REPLACEMENTS OF SIGN SUPPORT COMPONENTS.

4. PERFORM THE NEW FOUNDATION CONSTRUCTION WORK INCLUDING PROPOSED ANCHOR BOLTS AND PEDESTAL AS PER PLAN DETAILS.

5. INSTALL SIGN SUPPORT END POSTS INCLUDING BASE PLATES, CORRESPONDING SIGN SUPPORT TRUSSES, AND CORRESPONDING OVERHEAD SIGNS.

6. REMOVE AND DELIVER TO DISTRICT 9, ALL TEMPORARY SIGNS AND SUPPORTS PER ITEM 630 AT ALL LOCATIONS AS SPECIFIED ON SHEETS, GENERAL NOTES. REGRADE, SEED, AND MULCH ANY SLOPES AS NEEDED. SEEDING AND MULCHING OF EXISTING LOCATION IS INCIDENTAL TO THE REMOVAL.

7. PERFORM ITEM 202 REMOVAL MISC.: REMOVAL OF CONCRETE FOUNDATION OF EXISTING SIGN SUPPORT FOUNDATIONS, REGRADE, AND SEED AND MULCH AS NECESSARY. SEEDING AND MULCHING OF EXISTING LOCATION IS INCIDENTAL TO THE REMOVAL.

NOTE: THIS IS A GENERAL SEQUENCE OF OVERALL CONSTRUCTION REQUIREMENTS. THIS SEQUENCE CAN BE MODIFIED SO THE OVERALL SEQUENCE IS FOLLOWED FOR ANY INDIVIDUAL INSTALLATION LOCATION; HOWEVER, AT NO TIME, WILL A REERECTION OCCUR WITHOUT PROPER LOCATION VERIFICATIONS, INSPECTIONS, OR SIGNAGE IN PLACE. AFTER REERECTION OF PERMANENT SIGNAGE, PROPERLY COVER ANY CORRESPONDING BLACK/ORANGE SIGNAGE REMAINING FOR MORE THAN 72HRS.

OSOW COORDINATION WITH LANE CLOSURES

THE CONTRACTOR SHALL CONTACT JACQUE ANNARINO AT (614)-466-1484, Jacque.Annarino@dot.ohio.gov FROM THE ODOT OFFICE OF TRANSPORTATION & ECONOMIC DEVELOPMENT AT LEAST 72 BUSINESS HOURS PRIOR TO ANY LANE CLOSURES

ITEM 614, MAINTAINING TRAFFIC

ALL THE EXISTING LANES OF TRAFFIC SHALL REMAIN OPEN WITH THE EXCEPTION OF WHEN ONE-LANE ON EITHER THE RIGHT OR LEFT SIDES MAY BE CLOSED PER MT-095.30 AND THE PERMITTED LANE CLOSURE MAP FOR THE REMOVAL AND PLACEMENT OF THE CONCRETE BARRIER OR GUARDRAIL AS SHOWN IN THE PLANS. WHEN THE EXISTING TRUSS SIGNS ARE TO BE PLACE, A ROLLING CLOSURE PER MT-99.60 SHALL BE USED TO MAINTAIN TRAFFIC.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

- NEW YEAR'S (OBSERVED) GENERAL/REGULAR ELECTION DAY ((NOV)
- TOTAL SOLAR ECLIPSE (4/8/24) THANKSGIVING
- MEMORIAL DAY CHRISTMAS (OBSERVED)
- FOURTH OF JULY (OBSERVED) (OTHER HOLIDAY OR SPECIAL EVENT)
- LABOR DAY

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

DAY OF HOLIDAY TIME ALL LANES OR SPECIAL EVENT MUST BE OPEN TO TRAFFIC

- SUNDAY 12:00N FRIDAY THROUGH 6:00 AM MONDAY
- MONDAY 12:00N FRIDAY THROUGH 6:00 AM TUESDAY
- MONDAY (TOTAL SOLAR ECLIPSE) 12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
- TUESDAY 12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
- TUESDAY (GEN./REG. ELECTION) 5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
- WEDNESDAY 12:00N TUESDAY THROUGH 6:00 AM THURSDAY
- THURSDAY 12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
- THURSDAY (THANKSGIVING ONLY) 6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
- FRIDAY 12:00N THURSDAY THROUGH 6:00 AM MONDAY
- SATURDAY 12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

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.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION,

DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURE	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE ODOT INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE ODOT, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE ODOT, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA:
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND
AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION;
AND,
AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF: THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE; OR OTHER LOCATION AS APPROVED BY THE ENGINEER. THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE), AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 128 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

DESIGN AGENCY



CLIENT



DESIGNER

LNB

REVIEWER

DLW 11-17-23

PROJECT ID

120514

SHEET

P.5

TOTAL

17

D09 - SIGN SUPPORT FOUNDATION

MODEL: Sheet_SurvFt_PAPER SIZE: 34x22 (in.) DATE: 1/19/2024 TIME: 2:19:59 PM USER: akoenig
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SHEET NUM.					PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	14			01/NFP/01							
											ROADWAY	
50					50	202	38000	50	FT	GUARDRAIL REMOVED	4	
14					14	202	98100	14	EACH	REMOVAL MISC.; REMOVAL OF CONCRETE FOUNDATION	4	
50					50	606	16661	50	FT	GUARDRAIL REBUILT, BARRIER DESIGN, TYPE MGS, AS PER PLAN	4	
1					1	606	35012	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1	4	
1					1	622	25051	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN	4	
											EROSION CONTROL	
					12,000	832	30000	12,000	EACH	EROSION CONTROL		
											TRAFFIC CONTROL	
7					7	630	74601	7	EACH	OVERHEAD SIGN SUPPORT, INSTALLATION ONLY, AS PER PLAN (TRUSSES)	4	
14					14	630	74701	14	EACH	OVERHEAD SIGN SUPPORT MODIFICATION, AS PER PLAN (END POST ASSEMBLIES)	4	
66					66	630	75001	66	EACH	SIGN ATTACHMENT ASSEMBLY, AS PER PLAN	4	
			14		14	630	84511	14	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN	14	
14					14	630	85700	14	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DELIVERY	4	
28					28	630	86050	28	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DELIVERY	4	
13					13	630	87101	13	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, AS PER PLAN (SIGNS)	4	
LS					LS	630	95000	LS		SIGNING, MISC.: INSPECTION	4	
											MAINTENANCE OF TRAFFIC	
		128			128	614	11110	128	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	5	
											INCIDENTALS	
		LS			LS	614	11000	LS		MAINTAINING TRAFFIC	5	
					LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	5	
					LS	624	10000	LS		MOBILIZATION		

**D09 SIGN SUPPORT FOUNDATION
GENERAL SUMMARY**

DESIGN AGENCY

 CLIENT

 DESIGNER
DLW
 REVIEWER
 TK 11-17-23
 PROJECT ID
 120514
 SHEET TOTAL
 P.6 17