ALL WORK VEHICLES LICENSED TO OPERATE ON THE HIGHWAY, SHALL BE EQUIPPED WITH A FLASHING, ROTATING, OR OSCILLATING AMBER LIGHT VISIBLE TO ALL DIRECTIONS OF TRAFFIC FOR A MINIMUM OF ONE-QUARTER MILE IN BRIGHT SUNLIGHT AND SHALL BE OPERATED WITH LIGHTED HEAD AND TAIL LAMPS. THE AMBER LIGHT SHALL BE IN OPERATION AT ALL TIMES. WITHIN THE WORK ZONE AND WHILE TRAVELING TO AND FROM THE WORK ZONE WHENEVER THE VEHICLE SPEED IS BELOW THE POSTED LEGAL LIMIT. VEHICLE HAZARD LIGHTS DO NOT SATISFY THIS REQUIREMENT. ALL OTHER EQUIPMENT SHALL BE EQUIPPED WITH A FLASHING, ROTATING, OR OSCILLATING AMBER LIGHT VISIBLE TO ALL DIRECTIONS OF TRAFFIC FOR A MINIMUM OF ONE-QUARTER MILE IN BRIGHT SUNLIGHT. THE AMBER LIGHT SHALL BE IN OPERATION WHILE THE EQUIPMENT IS

## <u>V. PAYMENT</u>

WITHIN THE WORK ZONE.

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, INCLUDING R/W FENCE WORK DESCRIBED ON SHEET 3, SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

## MAINTENANCE OF TRAFFIC SCHEME

THE CONTRACTOR SHALL DEVISE A SIMPLE MAINTENANCE OF TRAFFIC SCHEME. WHICH SHALL BE DEVISED BY THE WORKSITE TRAFFIC SUPERVISOR (SCHEME MAY BE A HAND SKETCH) AND PRESENT IT TO THE DISTRICT WORK ZONE TRAFFIC CONTROL ENGINEER AND PROJECT ENGINEER FOR ACCEPTANCE AT LEAST TWO WEEKS PRIOR TO IMPLEMENTATION. IN GENERAL, THE METHODS FOR MAINTAINING TRAFFIC THAT THE CONTRACTOR PROPOSES TO USE FOR CONDUCTING THE REQUIRED WORK IN A SAFE AND EFFICIENT MANNER CAN BE SHOWN BY HAND SKETCHES AS NECESSARY. THE MAINTENANCE OF TRAFFIC SCHEME SHALL BE IN CONFORMANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST REVISION) THE REFERENCED STANDARD CONSTRUCTION DRAWINGS. THE ATTACHED MAINTENANCE OF TRAFFIC SHEETS, AND THE SPECIFICATIONS. THE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL THE MAINTENANCE OF TRAFFIC SCHEME HAS BEEN ACCEPTED

IF DURING THE PROJECT THE ENGINEER DETERMINES THAT THE APPROVED MAINTENANCE OF TRAFFIC PLAN IS NOT PERFORMING AS DESIRED, THE WORK SHALL BE SUSPENDED UNTIL THE PROBLEM IS RESOLVED TO THE SATISFACTION OF THE ENGINEER AND THE MAINTENANCE OF TRAFFIC PLAN IS REVISED ACCORDINGLY. ANY COSTS OR DELAYS INCURRED AS A RESULT OF THE FAILURE OF THE SATISFACTION OF THE ENGINEER SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.

PAYMENT FOR ALL THE ITEMS REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THESE REQUIREMENTS IS INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614-MAINTAINING TRAFFIC.

2	NUMBER	DATE	DESCRIPTION
<i>REVISION</i>	$\triangle$ 1	01/05/2022	REVISED NOTE

## ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES. IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PERDAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN 18 SIGN MONTH

## 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 OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, 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.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, 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 100 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.



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MAINTENANC

DESIGNER
KDW
REVIEWER
FWG 04-01-21
PROJECT ID
105183

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		4	5	6	7	8	14	16	18	GEN	01/NFP/ BR		EXT	TOTAL			NO.
																STRUCTURE OVER 20 FOOT SPAN (LAK-00002-16.560R)	
													1				
										20,500	20,500	514	00050	20,500	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	1
										20,500	20,500	514	00056	20,500	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	24
										20,500	20,500	514	00060	20,500	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	24
										20,500	20,500	514	00066	20,500	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	24
										22	22	514	00504	22	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
										14	14	514	10000	14	EACH	FINAL INSPECTION REPAIR	
																STRUCTURE OVER 20 FOOT SPAN (LAK-00002-18.050L)	
										0.400	9,100	514	00050	9,100	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
										9,100	9,100	514	00056	9,100	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	24
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					-											STRUCTURE OVER 20 FOOT SPAN (LAK-00002-18.050R)	
																STROUTURE OVER 201 OUT STAN (EAR-00002-10.000N)	
										9,100	9,100	514	00050	9,100	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
										9,100	9,100	514	00056	9,100	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	24
										9,100	9,100	514	00060	9,100	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	24
										9,100	9,100	514	00066	9,100	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	24
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			18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202	10 26 25 51 18 0.4 1.63 1,287 4,355 660	CY EACH EACH EACH SNMT  MILE MILE FT FT FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 642 PAINT  PORTABLE BARRIER, UNANCHORED	5
			18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202	10 26 25 51 18 0.4 1.63 1,287 4,355 660	CY EACH EACH EACH SNMT  MILE MILE FT FT FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 642 PAINT	5
		S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73	CY EACH EACH EACH SNMT  MILE MILE FT FT FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 642 PAINT  PORTABLE BARRIER, UNANCHORED	5
		.S.	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660	CY EACH EACH EACH SNMT  MILE MILE FT FT FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 6", 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC	5
		.S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS	5
		.S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 22210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS 1, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS 1, 6", 740.06, TYPE 1 WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 740.06, TYPE 1 WORK ZONE DOTTED LINE, CLASS 1, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS 1, 6", 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC FIELD OFFICE, TYPE C	
		.S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 23210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC FIELD OFFICE, TYPE C CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN MOBILIZATION	
		S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 23210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC  BARRIER REFLECTOR, TYPE 1 (ONE WAY)  BARRIER REFLECTOR, TYPE 2 (ONE WAY)  OBJECT MARKER, ONE WAY  PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS 1, 6", 642 PAINT  WORK ZONE EDGE LINE, CLASS 1, 6", 740.06, TYPE 1  WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 642 PAINT  WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 740.06, TYPE 1  WORK ZONE DOTTED LINE, CLASS 1, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS 1, 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC  FIELD OFFICE, TYPE C  CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN  MOBILIZATION	
		S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 23210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC BARRIER REFLECTOR, TYPE 1 (ONE WAY) BARRIER REFLECTOR, TYPE 2 (ONE WAY) OBJECT MARKER, ONE WAY PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS I, 6", 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC FIELD OFFICE, TYPE C CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN MOBILIZATION  REVISED	
		.S	18		10	26 26 0.4 1.63 1,287 4,355 660	24	24	25		10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	614 614 614 614 614 614 614 614 614 614	13000 13310 13312 13350 18601 22110 23210 23210 23410 24202 26200 41100	10 26 25 51 18 0.4 1.63 1,287 4,355 660 73 1,200	CY EACH EACH EACH SNMT  MILE MILE FT FT  FT  FT	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC  BARRIER REFLECTOR, TYPE 1 (ONE WAY)  BARRIER REFLECTOR, TYPE 2 (ONE WAY)  OBJECT MARKER, ONE WAY  PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  WORK ZONE EDGE LINE, CLASS 1, 6", 642 PAINT  WORK ZONE EDGE LINE, CLASS 1, 6", 740.06, TYPE 1  WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 642 PAINT  WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 740.06, TYPE 1  WORK ZONE DOTTED LINE, CLASS 1, 6", 642 PAINT  WORK ZONE STOP LINE, CLASS 1, 642 PAINT  PORTABLE BARRIER, UNANCHORED  INCIDENTALS  MAINTAINING TRAFFIC  FIELD OFFICE, TYPE C  CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN  MOBILIZATION	