

ITEM 611 - 6" CONDUIT, TYPE E, 707.42 (SANITARY SEWER LATERAL REPAIR)

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 611 – PIPE CULVERTS, SEWERS, DRAINS, AND DRAINAGE STRUCTURES, EXCEPT AS HEREIN MODIFIED:

THIS WORK SHALL CONSIST OF EXCAVATION, REMOVAL, AND DISPOSAL OF EXISTING SANITARY SEWER LATERALS, BEDDING, CORING AND INSTALLING THE NEW SANITARY SEWER LATERAL AND INSERTA TEE, CLEANOUT (IF REQUIRED BY THE CITY), ALL TESTING PER CITY STANDARDS, CONNECTING EXISTING SANITARY LATERALS AND COMPACTION OF GRANULAR BACKFILL, PLUGGING OF OLD TEE, AND ANY NECESSARY PAVEMENT REPAIRS.

EXISTING SANITARY LATERALS IN CONFLICT OR DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH PVC SDR-35 OF THE SAME SIZE AS THE EXISTING LATERAL. IF THE LATERAL GRADE IS IN CONFLICT WITH ANY STORM CONSTRUCTION, THE LATERAL MUST BE REPLACED FROM THE MAIN TO THE RIGHT OF WAY LINE, OR IN A WAY THAT IS APPROVED BY THE CITY AND THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE SANITARY SEWER LATERALS IN SERVICE DURING THE INSTALLATION. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ON THE PROCEDURE THE CONTRACTOR WILL USE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL SANITARY SEWER LATERALS BETWEEN STA. 23+00 (LEFT) AND STA. 28+00 (LEFT). THE EXISTING LATERALS ARE NOT SHOWN IN THE PLANS.

PAYMENT FOR THE SANITARY SEWER LATERAL REPAIR, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACTOR FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK. THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR BIDDING PURPOSES:

ITEM 611 – 6" CONDUIT, TYPE E, 707.42 200 FT

ITEM 638 - WATER WORKS, MISC.: WATER SERVICE LINE RELOCATED

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 638 – WATER MAINS AND SERVICE BRANCHES, EXCEPT AS HEREIN MODIFIED.

THIS ITEM OF WORK SHALL INCLUDE THE RELOCATION OF THE EXISTING WATER SERVICE LINE TO AVOID CONFLICTS WITH THE PROPOSED CONSTRUCTION. THE ADJUSTMENT TO THE WATER SERVICE LINE SHALL BE DONE PER CITY OF DELPHOS STANDARDS. ALL NEW APPURTENANCE, PIPE, BLOCKING, RESTRAINING GLANDS, MECHANICAL JOINT SOLID SLEEVE, BACKFILL, ETC. SHALL BE INCLUDED IN THIS ITEM OF WORK. THIS ITEM SHALL ONLY BE PERFORMED WITH PRIOR APPROVAL FROM THE CITY OF DELPHOS. THE RELOCATED WATER SERVICE LINE SHALL BE OF THE SAME TYPE AS THE EXISTING, OR AN APPROVED ALTERNATIVE.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE PLANS FOR THE WORK NOTED ABOVE:

ITEM 638 – WATER WORKS, MISC.: WATER SERVICE LINE RELOCATED 200 FT

THE ABOVE ARE ESTIMATED QUANTITIES, BUT THIS ITEM COULD BE NON-PERFORMED IF DEEMED UNNECESSARY.

PAYMENT FOR ITEM 638 – WATER WORKS, MISC.: WATER SERVICE LINE RELOCATED, FOR ALL OPERATION DESCRIBED ABOVE SHALL BE AT THE CONTRACT FOOT BID PRICE AND SHALL INCLUDE ALL MATERIAL, LABOR, TESTING, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM SPECIAL - PAVEMENT CRACK AND JOINT REINFORCING FABRIC

THIS ITEM OF WORK SHALL CONSIST OF WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION CMS MANUAL, MANUFACTURER SPECIFICATIONS, AND LISTED BELOW:

20" IN WIDTH PAVEMENT CRACK AND JOINT REINFORCING FABRIC SHALL BE INSTALLED ALONG ALL LONGITUDINAL JOINTS RUNNING PARALLEL WITH THE CURB AND ALONG ALL SAWCUTS OF THE FULL DEPTH REPLACEMENT AREAS.

THE PAVEMENT CRACK AND JOINT REINFORCING FABRIC SHALL NOT BE INSTALLED UNTIL AFTER THE ADJACENT PAVEMENT HAS BEEN PLANED.

A POLYPROPYLENE, STAPLE FIBER, NEEDLEPUNCHED, NONWOVEN GEOTEXTILE IS OFTEN CHOSEN FOR THIS APPLICATION. ACCEPTABLE FABRIC MATERIAL SHALL INCLUDE THE FOLLOWING OR APPROVED EQUAL:

TRUPAVE ENGINEERED PAVING MAT FROM OWENS CORNING POLYGUARD PAVEMENT MEMBRANES FROM POLYGUARD PRODUCTS INC. PAVEPREP FROM CRAFCO INC.

THE ENGINEER MAY DETERMINE DURING CONSTRUCTION TO COVER ADDITIONAL CRACKS IN THE FIELD. THE FOLLOWING ESTIMATED QUANTITIES (MEASURED PLUS CONTINGENCY) HAVE BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 690 – SPECIAL – PAVEMENT CRACK AND JOINT REINFORCING FABRIC 4430 S.Y.

PAYMENT FOR ITEM 690 – SPECIAL – PAVEMENT CRACK AND JOINT REINFORCING FABRIC FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT SQUARE YARD BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM SPECIAL - MAILBOX REMOVED AND RESET

THIS ITEM OF WORK SHALL CONSIST OF REMOVING, RE-FURNISHING, AND RE-ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH THE PLAN LOCATIONS, OR OTHER AREAS ESTABLISHED BY THE CITY OF DELPHOS OR THE PRIVATE PROPERTY OWNER.

THE CONTRACTOR SHALL SALVAGE AND RE-USE ALL PARTS OF THE EXISTING MAILBOX SYSTEM, INCLUDING, BUT NOT LIMITED TO, THE EXISTING POST, HARDWARE, AND BOX. ANY PART DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.

EXISTING PROPERTY OWNERS MAY PROVIDE A NEW BOX FOR THE MAILBOX SYSTEM. IN THIS INSTANCE, THE CONTRACTOR SHALL INSTALL THE NEW BOX (AND ANY ADDITIONAL NEW PARTS OR POSTS) IN PLACE OF THE EXISTING MATERIALS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION OR THE SCHEDULING OF AN ABSENT MAILBOX.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. ANY TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH CMS 107.10. ITEM SPECIAL – MAILBOX REMOVED AND RESET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH ONE COMPLETE IN PLACE.

ITEM SPECIAL - SANITARY CLEANOUT ADJUSTED TO GRADE

THIS ITEM OF WORK SHALL CONSIST OF REMOVING, EXTENDING, AND ADJUSTING TO GRADE EXISTING SANITARY CLEANOUTS IN ACCORDANCE WITH THE PLAN LOCATIONS.

CLEANOUT MATERIAL SHALL BE SCHEDULE 40 GLUED JOINTS OR SDR-35 PVC MATCHING THE LATERAL PIPE SIZE DIAMETER. IF CLEANOUT IS LOCATED IN PROPOSED PAVEMENT SURFACE, CLEANOUT FRAME AND LID SHALL BE EQUAL TO NEENAH R-1976 OR EJIW 1578, OR APPROVED EQUAL, WITH THE LID MARKED "SANITARY". IF THE CLEANOUT IS LOCATED IN NON-PAVEMENT AREAS, THE CLEANOUT LID SHALL BE A SCREW ON CAP OF THE SAME MATERIAL AS THE EXISTING CLEANOUT PIPE.

PAYMENT FOR ITEM SPECIAL – SANITARY CLEANOUT ADJUSTED TO GARDE, FOR ALL OPERATIONS DESCRIBED ABOVE, SHALL BE AT THE CONTRACT EACH BID PRICE AND SHALL INCLUDE ALL MATERIAL, LABOR, CUTTING, ADJUSTING, AND EQUIPMENT REQUIRED TO BRING EXISTING CLEANOUTS TO GRADE.

ITEM SPECIAL - MONITORING WELL REFURNISHED AND ADJUSTED TO GRADE

THIS ITEM OF WORK SHALL CONSIST OF REFURNISHING, PROTECTING, AND ADJUSTING TO GRADE EXISTING ENVIRONMENTAL MONITORING WELLS. THE EXISTING MONITORING WELLS, WHICH ARE CONCRETE ENCASED, SHALL BE PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION ACTIVITIES. THE EXISTING WELLS (LOCATED IN THE PAVEMENT AND CURB LAWN NEAR 99+80) ARE NOT EXPECTED TO BE ADJUSTED TO GRADE. HOWEVER, DURING CONSTRUCTION, NEW HEAVY DUTY METAL WELL CAPS SHALL BE INSTALLED AND IF DAMAGED, EXISTING CONCRETE AROUND THE MONITORING WELL SHALL BE REMOVED AND RECONSTRUCTED. THE CONTRACTOR SHALL FOLLOW THE OHIO EPA DIVISION OF DRINKING AND GROUND WATER TECHNICAL GUIDANCE MANUAL FOR GROUND WATER INVESTIGATIONS (CHAPTER 7) MONITORING WELL DESIGN AND INSTALLATION GUIDELINES.

CONSTRUCTION COORDINATION (WATER)

CONTRACTOR SHALL TAKE NOTE THAT THE CITY OF DELPHOS HAS A SEPARATE WATER LINE CONSTRUCTION PROJECT WITHIN THE WORK LIMITS OF THIS PROJECT SCHEDULED TO TAKE PLACE FROM NOVEMBER OF 2020 UNTIL THE END OF APRIL 2021. THE WATER PROJECT IS REPLACING THE EXISTING 6" WATER MAIN FROM STATE STREET TO MAIN STREET WITH A 12" WATER MAIN AND NEW SERVICE LINES, SERVICE VALVES, AND METERS FOR EACH INDIVIDUAL PROPERTY. THE PROPOSED WORK FROM THAT PROJECT IS SHOWN IN THESE PLANS AS EXISTING AND COMPLETED PRIOR TO BEGIN CONSTRUCTION.

IN ADDITION, WITH THE CONSTRUCTION OF THE AFOREMENTIONED PROJECT AND THE NECESSARY RE-GRADING OF CURB LAWNS THROUGHOUT THE ENTIRE LENGTH OF THIS PROJECT, IT IS ANTICIPATED NUMEROUS METER PITS AND SERVICE VALVES WILL NEED TO BE ADJUSTED TO GRADE DURING CONSTRUCTION. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO COMPLETE THIS WORK:

ITEM 638 – SERVICE BOX ADJUSTED TO GRADE 50 EACH
ITEM 638 – WATER WORK, MISC.: METER BOX ADJUSTED TO GRADE 40 EACH

THESE ITEMS OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 638 – WATER MAINS AND SERVICE BRANCHES.

SERVICE BOX ADJUSTED TO GRADE SHALL FOLLOW THE SPECIFICATIONS MENTIONED IN CMS 638.18.

WATER WORK, MISC.: METER BOX ADJUSTED TO GRADE SHALL FOLLOW THE REQUIREMENTS OF CMS 638.13.G. AND 638.17 EXCEPT THE REMOVAL OF THE EXISTING METER AND REPLACEMENT IS NOT REQUIRED. THE CONTRACTOR SHALL RAISE, LOWER, OR ADJUST THE EXISTING METER PITS SUCH THE TOP OF THE LIDS ARE FLUSH WITH THE RE-GRADED CURB LAWN OR ADJACENT SURFACE.

PAYMENT FOR ITEM 638 – SERVICE BOX ADJUSTED TO GRADE AND ITEM 638 – WATER WORK, MISC.: METER BOX ADJUSTED TO GRADE, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT EACH BID PRICE AND SHALL INCLUDE ALL MATERIAL, LABOR, TESTING, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ENVIRONMENTAL COMMITMENT NOTES

1. THIS PROJECT IS LOCATED WITHIN THE ALLEN COUNTY AREA COMBINED AQUIFER SYSTEM SOLE SOURCE AQUIFER. IN ORDER TO MINIMIZE THE POTENTIAL FOR A SPILL IN THIS SENSITIVE AREA, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL BE CONDUCTED IN AN ENVIRONMENTALLY RESPONSIBLE MANNER. THE CONTRACTOR SHALL UTILIZE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS SHALL NOT BE STORED NEAR ANY DRAINAGE WAYS, DITCHES, OR STREAMS. A SPILL KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. ANY SUCH SPILL OR EVENT SHALL BE REPORTED IMMEDIATELY TO THE CITY OF DELPHOS FIRE AND EMS: 419-695-2911 OR 419-695-4010.

2. ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, THIS PROJECT MUST BE CONSTRUCTED IN ACCORDANCE WITH CONSTRUCTION NOISE ORDINANCES IN AFFECT FOR THE CITY OF DELPHOS. IF THE CONTRACTOR OR PROJECT ENGINEER DETERMINE THIS PROJECT CANNOT BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL CONSTRUCTION NOISE ORDINANCES, SHANE COLEMAN (419-695-4010), MUST BE CONTACTED BY THE CONTRACTOR AT LEAST 48 HOURS IN ADVANCE OF THE WORK THAT WOULD VIOLATE THESE NOISE ORDINANCES. ADDITIONALLY, THE CONTRACTOR MUST ENSURE RESIDENTS AND/OR BUSINESS OWNERS WITHIN 500-FOOT RADIUS OF THE CONSTRUCTION NOISE WILL BE NOTIFIED PRIOR TO COMMENCEMENT OF THE WORK IN VIOLATION OF THESE NOISE ORDINANCES.

3. ACCESS TO DELPHOS VETERANS MEMORIAL SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR THE TIME NEEDED TO TEMPORARILY OCCUPY THE PROPERTY. THE DURATION OF THE TEMPORARY OCCUPANCY SHALL BE LESS THAN THE TIME NEEDED FOR CONSTRUCTION OF THE PROJECT.

4. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS AT THE DELPHOS VETERANS MEMORIAL PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE PROPERTY AND THE PUBLIC. PAYMENT FOR THIS CONSTRUCTION FENCING SHALL BE INCLUDED IN ITEM 614 – MAINTAINING TRAFFIC.

5. THE STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT TAKE PLACE OUTSIDE PROPOSED CONSTRUCTION LIMITS THAT ARE WITHIN THE DEFINED BOUNDARIES OF THE DELPHOS VETERANS MEMORIAL.

6. THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT, THE CITY OF DELPHOS, AND THE DELPHOS VETERANS COUNCIL (RICK SCHUCK: 567-204-3965) PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

7. SHOULD THE BLACK FENCING WITHIN THE DELPHOS VETERANS MEMORIAL NEED TO BE MOVED TO FACILITATE CONSTRUCTION, THE CONTRACTOR WILL REINSTALL THE FENCING AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION ACTIVITIES, AND IS INCLUDED IN ITEM 614 – MAINTAINING TRAFFIC.

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GENERAL NOTES

ALL/VAN-SR66/190-12.02/0.00

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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 OMTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMTCD, 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 CMS 614 AND THE OMTCD, 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).

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.

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 DURATIONS OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. 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 WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY 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 QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 60 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.

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 CITY TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE ODOT PIO. THIS NOTIFICATION SHALL BE RECEIVED BY THE CITY 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, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTICE TO OFFICE OF COMMUNICATIONS TIME TABLE

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

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTICE TO OFFICE OF COMMUNICATIONS TIME TABLE.

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ITEM 614 - WORK ZONE PAVEMENT MARKINGS

WORK ZONE PAVEMENT MARKINGS SHALL BE PLACED AFTER THE PLANING OPERATION, AND AFTER THE SURFACE COURSE APPLICATION UNLESS THE PERMANENT MARKINGS ARE INSTALLED. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THE ABOVE WORK:

QUANTITIES FOR AFTER THE PLANING OPERATION:

ITEM 614-WORK ZONE LANE LINE, CLASS I, 6"	2.62 MILE
ITEM 614-WORK ZONE CENTER LINE, CLASS I	2.52 MILE
ITEM 614-WORK ZONE EDGE LINE, CLASS I, 4"	1.07 MILE
ITEM 614-WORK ZONE CHANNELIZING LINE, CLASS I, 8"	400 FT
ITEM 614-WORK ZONE STOP LINE, CLASS I	340 FT
ITEM 614-WORK ZONE ARROW, CLASS I	18 EACH

QUANTITIES FOR AFTER SURFACE COURSE APPLICATION UNLESS PERMANENT MARKINGS ARE INSTALLED:

ITEM 614-WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	4.29 MILE
ITEM 614-WORK ZONE CENTER LINE, CLASS III, 642 PAINT	2.89 MILE
ITEM 614-WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	1949 FT
ITEM 614-WORK ZONE STOP LINE, CLASS III, 642 PAINT	831 FT
ITEM 614-WORK ZONE ARROW, CLASS III, 642 PAINT	35 EACH

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MAINTENANCE OF TRAFFIC NOTES

ALL/VAN-SR66/190-12.02/0.00

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SHEET NUM.										PART.					ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
14	15	133	134	135	136	137	138	01/S<2/P V	02/CMQ/O T	03/MPO/O T	04/SAF/O T	05/NFP/O T								
TRAFFIC SIGNALS																				
		69		110								142	37	625	25408	179	FT	CONDUIT, 2", 725.051		
		262		15								148	129	625	25504	277	FT	CONDUIT, 3", 725.051		
		149		155								304		625	25909	304	FT	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 3"	138	
		331		125								290	166	625	29000	456	FT	TRENCH		
		2		2								3	1	625	30700	4	EACH	PULL BOX, 725.08, 18"		
		3		1								3	1	625	30706	4	EACH	PULL BOX, 725.08, 24"		
		11		6								12	5	625	32000	17	EACH	GROUND ROD		
				4								4		630	79200	4	EACH	SIGN ATTACHMENT ASSEMBLY, MAST ARM		
				3								3		630	80510	3	EACH	SIGN, STREET NAME		
		12										6	6	632	05007	12	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW	138	
				4								4		632	05007	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW, WITH BACKPLATES	138	
		2										1	1	632	05011	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 2-WAY, POLYCARBONATE, AS PER PLAN	138	
				2								2		632	05087	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW, WITH BACKPLATES	138	
		24		10								26	8	632	20731	34	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	138	
		16		6								14	8	632	25000	22	EACH	COVERING OF VEHICULAR SIGNAL HEAD		
		24		10								26	8	632	25010	34	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD		
		24		10								26	8	632	26001	34	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	138	
		190										98	92	632	30200	190	FT	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES		
		190										98	92	632	30600	190	FT	TETHER WIRE, WITH ACCESSORIES		
		2,980		1,141								2,995	1,126	632	40300	4,121	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG		
		3,062		1,173								3,077	1,158	632	40500	4,235	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG		
		526		520								790	256	632	40700	1,046	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG		
			11		6							12	5	632	64020	17	EACH	PEDESTAL FOUNDATION		
			1		1							2		632	70400	2	EACH	CONDUIT RISER, 2" DIAMETER		
			11		6							12	5	632	89900	17	EACH	PEDESTAL, 8', TRANSFORMER BASE		
			2		1		2					4	1	632	90101	5	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	138	
			86		81							167		632	90500	167	FT	SIGNALIZATION, MISC.: UNLASHING AND RELASH MESSENGER WIRE	138	
			3		2							4	1	633	99000	5	EACH	CONTROLLER ITEM, MISC.: REWIRE CABINET	139	
			12		7							15	4	809	69101	19	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	139	
MAINTENANCE OF TRAFFIC																				
	60						12					72		614	11110	72	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	2	
LS												LS		614	12420	LS		DETOUR SIGNING		
	2.62											2.62		614	20010	2.62	MILE	WORK ZONE LANE LINE, CLASS I, 6"		
	2.52											2.52		614	21000	2.52	MILE	WORK ZONE CENTER LINE, CLASS I		
	2.89											2.89		614	21550	2.89	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
	1.07											1.07		614	22000	1.07	MILE	WORK ZONE EDGE LINE, CLASS I, 4"		
	4.29											4.29		614	22350	4.29	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT		
	400											400		614	23000	400	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"		
	1,949											1,949		614	23680	1,949	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
	340											340		614	26000	340	FT	WORK ZONE STOP LINE, CLASS I		
	831											831		614	26610	831	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
	18											18		614	30000	18	EACH	WORK ZONE ARROW, CLASS I		
	35											35		614	30650	35	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT		
10												10		616	10000	10	MGAL	WATER		
INCIDENTALS																				
												0.15	0.15	0.4	0.3	614	11000	LS	MAINTAINING TRAFFIC	14-19
												2	2	5	3	619	16010	12	MNTH	FIELD OFFICE, TYPE B
												0.15	0.15	0.4	0.3	624	10000	LS	MOBILIZATION	

GENERAL SUMMARY

ALL/VAN-SR66/190-12.02/0.00

