

**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ALTA FIBER  
221 E 4TH STREET (BUILDING 121-900)  
CINCINNATI, OH 45202  
ROADPROJECTS@ALTA FIBER.COM

DUKE ENERGY - ELECTRIC (DISTRIBUTION)  
2010 DANA AVE  
CINCINNATI, OH 45207  
513-514-8209 (CHRIS TEPE)  
CHRIS.TEPE@DUKE-ENERGY.COM

DUKE ENERGY GAS  
139 EAST 4TH ST., ROOM 460A  
CINCINNATI, OH 45202  
OH/KYHOUSEBILL@DUKE-ENERGY.COM

WESTERN WATER COMPANY  
1775 S.R. 28  
GOSHEN, OH 45122  
513-899-3211 EXT. 22 (KURT MEEKER)  
KMEEKER@WESTERN-H2O.COM

CITY OF LEBANON WATER, WASTEWATER, & STORM SEWER  
50 S BROADWAY  
LEBANON, OH 45036  
DARREN OWENS, DIRECTOR OF PUBLIC WORKS  
DOWENS@CI.LEBANON.OH.US  
513-228-3701

DUKE ENERGY  
TROY DITTMER  
513-514-8210  
TROY.DITTMER@DUKE-ENERGY.COM  
GORDON THOMPSON  
GORDON.THOMPSON@DUKE-ENERGY.COM  
MIDWESTDESIGNTICKETS@DUKE-ENERGY.COM

LITTLE MIAMI GIG  
MIKAYLA COLLINS  
937-725-2103  
MIKAYLA.COLLINS@LITTLEMIAMIGIG.COM

**SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)**

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE THIS SHEET OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL  
POSITIONING METHOD: OHIO REAL TIME NETWORK (2011)  
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING  
ORTHOMETRIC HEIGHT DATUM: NAVD88  
GEOID: GEOID 18

HORIZONTAL POSITIONING  
REFERENCE FRAME: NAD83 2011 2010.0 EPOCH  
ELLIPSOID: GRS80  
COORDINATE SYSTEM: OCCS WARREN  
MAP PROJECTION: LCC 1 PARALLEL  
CENTRAL LATITUDE: N 39°24'00"  
CENTRAL LONGITUDE: E 275°51'00"  
FALSE NORTHING: 328083.33  
FALSE EASTING: 164041.67  
PROJECTION SCALE FACTOR: 1.000035

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

**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, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

**EXISTING SUBSURFACE DRAINAGE**

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

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

ITEM 601, TIED CONCRETE BLOCK MAT, TYPE 1	5 SY
ITEM 605, AGGREGATE DRAINS	25 FT
ITEM 611, 4" CONDUIT, TYPE F	25 FT
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	2 EACH
ITEM 605, 4" UNCLASSIFIED PIPE UNDERDRAINS	25 FT

**SEEDING AND MULCHING**

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, TOPSOIL	41 CY
659, SEEDING AND MULCHING	370 SY
659, REPAIR SEEDING AND MULCHING	19 SY
659, INTER-SEEDING	19 SY
659, COMMERCIAL FERTILIZER	0.05 TON
659, LIME	0.08 ACRES
659, WATER	2 MGAL

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

**ITEM 605 - AGGREGATE DRAINS**

SPACE AGGREGATE DRAINS AT 50 FOOT (15 M) INTERVALS ON EACH SIDE OF NORMAL CROWNED SECTIONS, STAGGERED SO THAT EACH DRAIN IS 25 FEET (7.5 M) FROM THE ADJACENT DRAIN ON THE OPPOSITE SIDE, AND AT 25 FOOT (7.5 M) INTERVALS ON THE LOW SIDE ONLY OF SUPERELEVATED SECTIONS.

PLACE AN AGGREGATE DRAIN ON BOTH SIDES OF THE LOW POINT OF EACH SAG VERTICAL CURVE OR THE LOW SIDE ONLY IN SUPERELEVATED SECTIONS. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 605, AGGREGATE DRAINS	220 FT
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**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**SOLE SOURCE AQUIFER**

THIS PROJECT IS LOCATED WITHIN THE GREATER MIAMI SOLE SOURCE AQUIFER FROM SLM 16.79 TO SLM 16.85 ON SR-123. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. REPORT ALL SPILLS OR EVENTS TO SOUTH LEBANON WATER TREATMENT AT 513-494-2104. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), CONTACT TURTLE CREEK TWP FIRE DEPARTMENT (STATION 31) AT 513-932-4902, OR THE OHIO EPA'S SPILLS HOTLINE AT 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

**ITEM SPECIAL - MAILBOX REMOVED AND RESET**

CONTRACTOR IS TO CAREFULLY REMOVE THE MAILBOX AND SUPPORT POST AT 296 S.R. 123, THEN REINSTALL THE MAILBOX AND SUPPORT POST AT THE NEW LOCATION DEFINED IN THE PLANS.

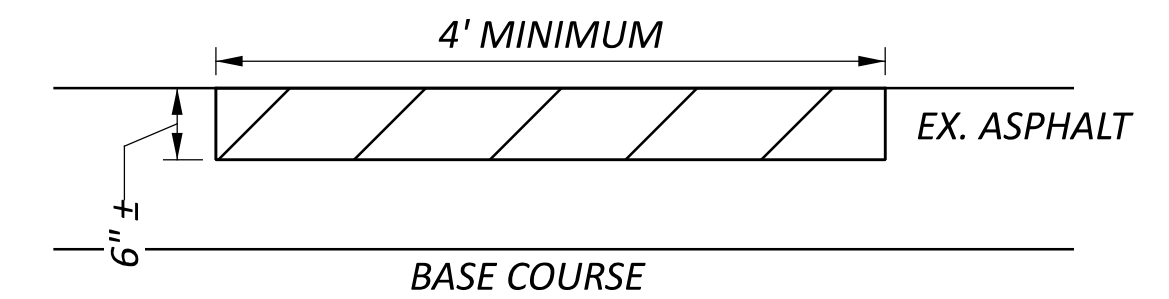
**ROUNDING**

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.



**ITEM 253 - PAVEMENT REPAIR**

AN ESTIMATED QUANTITY OF 118 CY OF ITEM 253 - PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A DEPTH OF 6" ± OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301, ASPHALT CONCRETE. THE BASE SHALL BE COMPACTED AS PER 401.08E AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

ITEM 253, PAVEMENT REPAIR	118 CY
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QUANTITIES CARRIED TO THE GENERAL SUMMARY.

**CLEARING AND GRUBBING**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

PROJECT CONTROL TABLE						
POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	FEATURE
T1000	338199.7507	155723.372	774.3240909	877+08.28	17.80' LT.	IPINS
T2000	338114.2905	156000.04	772.4146769	874+24.95	40.27' RT.	IPINS

**ITEM 614, MAINTAINING TRAFFIC**

ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON EACH RAMP BY USE OF THE EXISTING PAVEMENT AND COMPLETED PAVEMENT, EXCEPT FOR NIGHTLY LANE CLOSURES.

A MINIMUM OF ONE-LANE, TWO-WAY TRAFFIC SHALL BE MAINTAINED ON THE NORTH SECTION OF STATE ROUTE 123 AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 3 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 9. WORK SHALL BE COMPLETED BEFORE LEBANON SCHOOLS ARE IN SESSION. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$550.00 PER HOUR FOR EACH HOUR THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

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)
MEMORIAL DAY	THANKSGIVING
FOURTH OF JULY (OBSERVED)	CHRISTMAS (OBSERVED)
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 OR SPECIAL EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
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.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

**LANE VALUE CONTRACT TABLE**

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
CLOSURE OF TWO-WAY TRAFFIC ON SR 123 NORTH SECTION	3 CONSECUTIVE CALENDAR DAYS	EACH HOUR	\$550
RAMP A (SB ENTRANCE)	5 AM TO 10 PM	EACH MINUTE	\$40
RAMP B (NB EXIT)	5 AM TO 10 PM	EACH MINUTE	\$40
RAMP C (NB ENTRANCE)	5 AM TO 10 PM	EACH MINUTE	\$40
RAMP D (SB EXIT)	5 AM TO 10 PM	EACH MINUTE	\$35

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.

**SR 123 WILL BE CLOSED MMM-DD FOR 3 DAYS**  
INFO: 513-933-6583

W20-H13-60

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP &	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
ROAD	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS FOLLOWS:

I-71	NB W20-1-48	1 MILE SOUTH OF EXIT RAMP
	NB G20-2-48	1 MILE NORTH OF ENTRANCE RAMP
I-71	SB W20-1-48	1 MILE NORTH OF EXIT RAMP
	SB G20-2-48	1 MILE SOUTH OF ENTRANCE RAMP
SR 123 INTRCHG	SB W20-1-36	1500 FEET NORTH OF RAMP
	SB G20-2-36	1500 FEET SOUTH OF RAMP
	NB W20-1-36	1500 FEET SOUTH OF RAMP
	NB G20-2-36	1500 FEET NORTH OF RAMP
SR 123 N SECTION	SB W20-1-36	1500 FEET NORTH OF BEGIN PROJECT
	SB G20-2-36	1500 FEET SOUTH OF END PROJECT
	NB W20-1-36	1500 FEET SOUTH OF END PROJECT
	NB G20-2-36	1500 FEET NORTH OF BEGIN PROJECT
CEDAR TRACE DR	NB W20-1-36	500 FEET SOUTH OF SR 123
	SB G20-2-36	500 FEET SOUTH OF SR 123

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.

**TRENCH FOR WIDENING**

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

**OVERNIGHT TRENCH CLOSING**

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

**WORK ZONE MARKINGS AND SIGNS**

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

**FLOODLIGHTING**

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

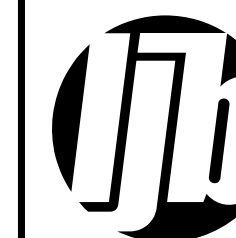
**ITEM 614 - WORK ZONE MARKINGS**

THE CONTRACTOR SHALL PLACE THE WORK ZONE PAVEMENT MARKINGS UPON COMPLETION OF THE ASPHALT INTERMEDIATE AND SURFACE COURSE PRIOR TO OPENING THE ROADWAY TO TRAFFIC.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS PER THE REQUIREMENTS OF C&MS 614.11.

INTERMEDIATE COURSE:	
ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	0.25 MILE
ITEM 614 - WORK ZONE CENTER LINE, CLASS I, 642 PAINT	0.13 MILE
SURFACE COURSE:	
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	1.43 MILE
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 642 PAINT	0.25 MILE
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 642 PAINT	0.13 MILE
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	1.43 MILE

DESIGN AGENCY



DESIGNER

SKB

REVIEWER

LAS 09/12/25

PROJECT ID

122838

SHEET


P.6

TOTAL

34

SHEET NUMBER											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.6	P.7	P.14	P.15	P.28	P.29						01/SAF	02/SAF						
					9						9		620	31200	9	EACH	REMOVAL OF DELINEATOR	
				72							10	62	621	00100	72	EACH	RPM	
				72							10	62	621	54000	72	EACH	RAISED PAVEMENT MARKER REMOVED	
		8	6								14		626	00110	14	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL	
					70						70		630	03100	70	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
					5						5		630	08600	5	EACH	SIGN POST REFLECTOR	
					5						5		630	85100	5	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
					5						5		630	86002	5	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
					2						2		630	97700	2	EACH	SIGNING, MISC.:LED FLASHER REINSTALLATION	P.29
				1.67							0.25	1.42	644	00104	1.67	MILE	EDGE LINE, 6"	
				0.13							0.13		644	00300	0.13	MILE	CENTER LINE	
				114								114	644	00500	114	FT	STOP LINE	
				4								4	644	01360	4	EACH	WRONG WAY ARROW	
	40											40	614	11110	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
											LS		614	12420	LS		DETOUR SIGNING	
	6											6	614	18601	6	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.7
0.13											0.13		614	21100	0.13	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
0.13											0.13		614	21550	0.13	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
0.25											0.25		614	22110	0.25	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
1.67											0.25	1.42	614	22360	1.67	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
114												114	614	26610	114	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
											LS	LS	614	11000	LS		MAINTAINING TRAFFIC	
											LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
											LS	LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 JBT  
 REVIEWER  
 JES 11/20/25  
 PROJECT ID  
 122838  
 SHEET TOTAL  
 P.12 | 34