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

ROSS COUNTY WATER COMPANY P.O. BOX 1690 CHILLICOTHE. OHIO 45601 MR. BRAD LONG 740-774-4117

CITY OF CHILLICOTHE UTILITY DEPARTMENT P.O. BOX 630 CHILLICOTHE, OHIO 45601 MR. RANDY CARTWRIGHT, WATER & SEWER 740-774-1415

AMERICAN ELECTRIC POWER (DISTRIBUTION) 38831 STATE ROUTE 7 REEDSVILLE, OHIO 45772 MR. CLARKE SANDERS 740-985-3054

SOUTH CENTRAL POWER COMPANY 720 MILL PARK DRIVE LANCASTER, OHIO 43130 MR. ZACHERY REED DIRECTOR OF ENGINEERING 740-689-6150

GIO FIBER P.O. BOX 480 CHILLICOTHE, OHIO 45601 MR. JON DREITZLER 740-606-0937

CHARTER COMMUNICATIONS 32 ENTERPRISE DRIVE CHILLICOTHE, OHIO 45601 MR. AARON KEMPTON 740-648-3091

COLUMBIA GAS OF OHIO 843 PIATT AVENUE CHILLICOTHE. OHIO 45601 MR. CARY MACLAUGHLIN 740-774-8239

TC ENERGY 700 LOUISIANA STREET, SUITE 700 *HOUSTON, TX 77002* MR. JOSHUA WILLIAMS 740-688-9466

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

PROFILE AND ALIGNMENT:

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

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.

EXISTING PLANS:

EXISTING PLANS MAY BE INSPECTED IN THE ODOT DISTRICT 9 OFFICE IN CHILLICOTHE. OHIO.

RPM:

IN ADDITION TO CMS 621.03. RPM'S SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS THAT HAVE A CONCRETE SURFACE. INSTALL RPM'S IN ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE.

EXTRA AREAS:

QUANTITIES FOR EXTRA AREAS ARE SHOWN ON SHEET P.98 - P.99. THESE AREAS INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

GORE AREA - AS DIRECTED BY THE ENGINEER. MEDIAN CROSSOVER - AS DIRECTED BY THE ENGINEER. SHOULDER WIDENING AREA - AS DIRECTED BY THE ENGINEER. SURVEYING PARAMETERS: PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.2 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: ODOT VRS MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88 GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (2011) ELLIPSOID: GRS80 MAP PROJECTION: LAMBERT CONFORMAL CONIC COORDINATE SYSTEM: OHIO SOUTH ZONE 3402 COMBINED SCALE FACTOR: 0.99991136 PROJECT ADJUSTMENT FACTOR: 1.00008865 ORIGIN OF COORDINATE SYSTEM: 0.0

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. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

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.

DISPOSAL OF ASPHALT GRINDINGS: ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

FULL DEPTH PAVEMENT SAWING: SAW CUT THE EXISTING RIGID PAVEMENT TO THE FULL DEPTH AT THE LIMITS OF THE AREA DESIGNATED BY THE ENGINEER. ALL REQUIREMENTS OF CMS 255.03 SHALL APPLY.

THE ESTIMATED QUANTITY LISTED BELOW (1,200 LF AT US 23 AND 1,500 LF AT MAIN ST) HAS BEEN INCLUDED AND CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER. ITEM 255 - FULL DEPTH PAVEMENT SAWING (10,500 FT)

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN: WIDTH AS DIRECTED BY ENGINEER (4' MIN.)

REMOVE EXISTING DETERIORATED PAVEMENT TO A DEPTH OF 3" AND REPLACE WITH ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), IN ONE LIFT.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE TO REPAIR THE EXISTING PAVEMENT AS DIRECTED BY THE ENGINEER:

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR. AS PER PLAN 500 SY

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FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT. TYPE 2, CLASS RRCM: ALL OF THE CONSTRUCTION REQUIREMENTS OF THE CMS FOR ITEM 255 SHALL APPLY.

FULL DEPTH PAVEMENT REPAIRS WILL BE CONSTRUCTED USING THE UNDERCUT DETAILS SHOWN ON SCD BP-2.5 AND BP-2.1.

ONE TU TYPE JOINT AND ONE YU TYPE JOINT WILL BE REQUIRED AT EACH REPAIR LOCATION.

NECESSARY PAVEMENT REPAIRS THAT ARE DISCOVERED AT MID-SLAB LOCATIONS SHALL BE TREATED WITH A TU TYPE JOINT AT EACH END.

COMPLETED REPAIRS SHALL BE AT THE FULL LANE WIDTH OF THE EXISTING CONCRETE PAVEMENT WITH REPAIR LENGTH AND LOCATION DETERMINED BY THE ENGINEER.

EACH CONCRETE REPAIR SHALL BE COVERED WITH 5" OF ITEM 301 - ASPHALT CONCRETE BASE, PG64-22.

THE SMOOTHNESS OF ASPHALT REPAIRS CANNOT EXCEED 1/4" FROM THE TESTING EDGE OF A 10 FOOT STRAIGHT EDGE THAT IS SATISFACTORY TO THE ENGINEER. CORRECT VARIATIONS IN EXCESS OF SURFACE TOLERANCES BY SURFACE GRINDING IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

IN ADDITION TO THE QUANTITIES IN 255.10. THE ESTIMATED QUANTITY LISTED BELOW HAVE BEEN INCLUDED AND CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS RRCM 2,500 SY

REVIEW OF DRAINAGE FACILITIES:

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE. PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR, AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

ITEM 254 - PATCHING PLANED SURFACE: THE CONTRACTOR SHALL PATCH PLANED SURFACES. AS DIRECTED BY THE ENGINEER. A TOTAL OF 73,960 OF PLANED SY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

PLACEMENT OF PAVEMENT: UNLESS AN ALTERNATIVE SEQUENCE IS APPROVED BY THE ENGINEER, COMPLETE THE MILL AND FILL OPERATIONS IN A LANE BEFORE MILLING THE ADJACENT LANE TO ELIMINATE UNCONFINED LONGITUDINAL JOINTS WHEREVER POSSIBLE.

ITEM 659 - SEEDING AND MULCHING ITEM 659 - REPAIR SEEDING AND MULCHING ITEM 659 - COMMERCIAL FERTILIZER ITEM 659 - LIME ITEM 659 - WATER

ITEM 659 - SEEDING AND MULCHING: THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED ARES AND CARRIED TO THE GENERAL SUMMARY:

> 297 SY 30 SY 0.05 TON 0.06 ACRE 1 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. QUANTITIES ARE BASED OFF THESE LIMITS.

EARTHWORK AND SEEDING SUMMARY							
Excavation	Embankment	Seeding					
СҮ	СҮ	SY					
75	0	21					
126	0	79					
114	0	118					
124	0	79					
439	0	297					
	Excavation CY 75 126 114 124	ExcavationEmbankmentCYCY750126011401240					

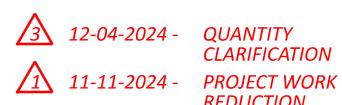
ITEM 832 - EROSION CONTROL: THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 832 - EROSION CONTROL

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DESIGN A	
ARCADIS	23 TRIANGLE PARK DR SUITE 2300 CINCINNATI, OHIO 45246 (513) 942-3141 www.arcadis.com
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REV	/IEWER
SRB 2	11/11/24
PROJECT	ID
11	8771
SHEET	TOTAL
P.9	153



CLARIFICATION

REDUCTION

ITEM 614, MAINTAINING TRAFFIC

ALL LANE CLOSURES ALONG US 23 & 35 SHALL BE IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE SCHEDULE. ALL RAMPS SHALL BE MAINTAINED AT ALL ITEMS EXCEPT FOR 2 DIFFERENT PHASES WHEN RAMPS A& B AT THE MAIN STREET INTERCHANGE CAN BE SIMULTANOUSELY CLOSED FOR 45 DAYS AND WHEN RAMPS C & D AT THE MAIN STREET INTERCHANGE CAN BE SIMULTANOUSELY CLOSEDFOR 45 DAYS. THE 45-DAY CLOSURE FOR RAMPS C & DSHALL ONLY BE DURING PHASE 3 OF US 23/35 MAINLINE MANITENANCE OF 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.

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAME(S) AND TELEPHONE NUMBER(S) OF A PERSON OR PERSONS WHO CAN BE CONTACTED TWENTY-FOUR (24) HOURS PER DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR WILL ADVISE THE DISTRICT PUBLIC INFORMATION OFFICER AT (740) 774-8834, FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE PROJECT ENGINEER WILL **PROVIDE ASSISTANCE/CLARIFICATION FOR ANY QUESTIONS.**

THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO **OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL** INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN.

ALL EXISTING LANES, INCLUDING RAMPS, SHALL BE OPEN AND AVAILABLE TO TRAFFIC IN THE ORIGINAL OR PROPOSED FINAL ALIGNMENT BETWEEN [OCTOBER 1] AND [MARCH 1] SHOULD THE CONTRACTOR FAIL TO MEET THESE REQUIREMENTS, A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$10,000.00 PER CALENDAR DAY. manne

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS EXCEPT FOR LANE CLOUSURES ENFORCED BY PORTABLE BARRIER:

NEW YEAR'S (OBSERVED) GENERAL/REGULAR ELECTION DAY 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.

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

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	TIME UNIT	DISINCENTIVE \$PER TIME UNIT
ALL LANES OF US 23	EACH HOUR	\$10,000.00

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.

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

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.

NOTICE OF CLOSURE SIGN TIME TABLE ITEM DURATION SIGN DISPLAYED OF CLOSURE TO PUBLIC RAMP & >=2 WEEKS 14 CALENDAR DAYS PRIOR TO CLOSURE

ROAD > 12 HOURS 7 CALENDAR DAYS & < 2 WEEKS 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.

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ITEM 614, MAINTAINING TRAFFIC (ESTIMATED QUANTITIES)

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 250 CU. YD. 10 M. GAL. ITEM 616. WATER

ITEM 614, MAINTAINING TRAFFIC (SIGNS AND BARRICADES)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

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.

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 10 M. GAL.

WORK ZONE SPEED ZONES (WZSZS)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NUMBER(S) COUNTY-ROUTE-SECTION(S) DIRECTION(S) *WZ-50442- 55MPH - US 23 NORTHBOUND WZ-50442- 55MPH - US 23 SOUTHBOUND*

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER. A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE **OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED** INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

WZSZS USING TEMPORARY FLATSHEET SPEED LIMIT SIGNS SHALL BE IN ACCORDANCE WITH THIS NOTE AND SCD MT-104.10. ADDITIONALLY PAYMENT MAY BE REMOVED, OR A DISINCENTIVE APPLIED, FOR WZSZS USING TEMPORARY FLATSHEET SPEED LIMIT SIGNS THE SAME AS DESCRIBED IN THE MOST RECENT PUBLICATION OF SS 808 IN REGARDS TO WZSZS USING DSL SIGN ASSEMBLIES (SEE SS 808.06 PARAGRAPHS 4 THROUGH 7, INCLUDING TABLE 1).

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRECONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS WITH POSITIVE WITHOUT POSITIVE PROTECTION PROTECTION ORGINAL WORKERS WORKERS NOT WORKERS WORKERS NOT POSTED PRESENT PRESENT PRESENT PRESENT SPEED

LIMIT	-			
70	60	65	55	65
65	55	60	50	60
60	55	60	50	60
55	50	55	45	55
				~~~

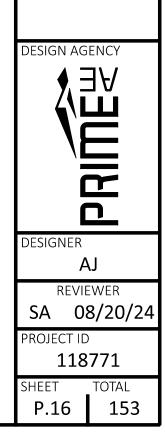
THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

[ITEM 614, WORK ZONE SPEED LIMIT SIGN 6 EACH]

[ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY 18 SIGN MNTH]

12-04-2024 - QUANTITY

**CLARIFICATION** 



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							601 450			80	40
			439						3,682		
									1,228 3		
							500		5		
							3 2				
							8				
							886 158				
							138				
							1				
			297								
			30 0.05								
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DIVESSIG         COLLEXING         CITERN         EXT         TOTAL         UNIT         DE           15         3.660         32         230         1300         15         CLEANING AND GRUBBING           3.660         32         2300         3.480         SV         PARVENT REMOVED         PARVENT REMOVED           661         40         202         32000         530         FT         CLEARING AND GRUBBING           5862         203         3000         3.89         CY         PORAVITION         SUBSIANCED           3862         204         3000         3.892         SV         PARCINER COMPACTION         SUBSIANCED           3862         204         3000         3.892         SV         PORAVITION         SUBSIANCED           3900         202         30000         3.892         SV         PORAVITION         SUBSIANCED           3000         202         30000         3.892         SV         PORAVITION         SUBSIANCED           31         611         99630         3         EACH         CATH BASH ADUSTED TO GRADE           32         611         99630         15         FT         15'COMINN PE UNDRUBRINS           35         611	PART.			ITEM	GRAND				
3.450         3.4         3.3         2.02         2.800         4.466         SY         PAVEMENT ENOVED           5.10         3.40         3.00         6.01         SY         WALK REMOVED           4.91         4.0         81         202         2.800         6.01         SY         WALK REMOVED           4.91         4.0         81         202         3.000         6.01         SY         WALK REMOVED           4.93         4.0         81         203         1.0000         3.89         CY         EXAWTION           3.262         2.04         1.3000         3.28         CY         EXAWTION OF SUBGRADE         CATCH BASIN ADUSTED TO GRADE           3.3         2.044         4.9000         3.0         PC         FT         OTCH LANCE         CATCH BASIN ADUSTED TO GRADE           3.3         2.011         99530         3         EACH         MANHOLE ADUSTED TO GRADE           4.1         6.311         99563         3         EACH         MANHOLE ADUSTED TO GRADE           3.4         6.324         1.0000         8.0         FT         ST CONDUT, TYE 3         ST CONDUT, TYE 3           3.6         0.01         99574         1         LACH		01/NHS/05	02/NHS/13	03/NHS/13	IIEM	ЕХТ	TOTAL	UNII	DE
3.450         3.4         3.3         2.02         2.800         4.466         SY         PAVEMENT ENOVED           5.10         3.40         3.00         6.01         SY         WALK REMOVED           4.91         4.0         81         202         2.800         6.01         SY         WALK REMOVED           4.91         4.0         81         202         3.000         6.01         SY         WALK REMOVED           4.93         4.0         81         203         1.0000         3.89         CY         EXAWTION           3.262         2.04         1.3000         3.28         CY         EXAWTION OF SUBGRADE         CATCH BASIN ADUSTED TO GRADE           3.3         2.044         4.9000         3.0         PC         FT         OTCH LANCE         CATCH BASIN ADUSTED TO GRADE           3.3         2.011         99530         3         EACH         MANHOLE ADUSTED TO GRADE           4.1         6.311         99563         3         EACH         MANHOLE ADUSTED TO GRADE           3.4         6.324         1.0000         8.0         FT         ST CONDUT, TYE 3         ST CONDUT, TYE 3           3.6         0.01         99574         1         LACH					201	11000			
3.450         202         22500         3.450         SY         WEARING COURSE REMOVED           450         40         40         202         32000         501         FF         WURREMOVED           433         203         10000         438         CY         EXCANTION         EXCANTION           3.682         204         10000         3.682         SY         SUBSERME COMPACTION           1.27         204         13000         1.228         CY         EXCANTION OF SUBCRADE           3.601         209         10000         500         FT         BUTCH CLEANOUT           3         611         98630         3         FACI         CATCH DASIN ADJUSTED TO GRADE           8         638         10900         8         EACH         MANHOLE ADJUSTED TO GRADE           8         638         10900         8         EACH         SERVICE EXANDUTT TO GRADE           1         611         9870         1         EACH         MANHOLE ADJUSTED TO GRADE           1         611         9870         1         EACH         CATCH BASIN ADJUSTED TO GRADE           1         611         9870         1         EACH         CATCH BASIN ADJUSTED TO GRADE <t< td=""><td></td><td></td><td>$\sim$</td><td></td><td></td><td></td><td></td><td><u> </u></td><td></td></t<>			$\sim$					<u> </u>	
BOL         CA         DOD         SF         WALK REMOVED           430         40         202         32000         570         IT         CUBR REMOVED           433         203         10000         438         CY         EXAMPTION           3,863         204         13000         1,288         SY         SURGADE COMPACTION           3,223         204         4300         1,28         CY         EXAMPTION OF SUBGRADE           3         204         45000         3         FT         DTFIC ICLARNONT           500         219         10000         580         FT         DTFIC ICLARNONT           3         631         9863         EACH         EACH         EACH EXAMPTION OF SUBGRADE           2         631         99074         2         EACH         EACH EXAMPTIC ICLARNONT           1         631         99070         1.58         FT         15*CONDUT, TYPE B           1         641         99100         1.58         FT         15*CONDUT, TYPE B           1         641         99574         1         EACH         EANMEND, ALO MULCHING           20         659         100000         207         5Y         SEE		-	-512 				· · · ·		
450         40         80         202         32000         570         FT         CURB REMOVED           4.99         703         10000         438         CY         1xCANATION         1xCANATION           3.962         204         10000         3.682         259         SUBGRADE COMPACTION           1.228         204         13000         1.228         CY         EXCANATION OF SUBCRADE           3.000         709         10000         310         FT         DICH CLARADUT           3.000         611         98650         3         FACH         CAT BASIN OF SUBCRADE           3.000         611         98650         3         FACH         SANUSE DI OF GRADE           3.000         611         98654         2         EACH         MANUSE DI OF GRADE           3.000         653         65100         586         FT         4"SHALLOW PIPE UNDERDATINS           1.8         611         9810         1         EACH         MANUSE DI OF GRADE           1.1         611         9810         1         EACH         MANUGE AND MULCHING           1.1         611         9810         1         EACH         ANUSAN MULCHING           1.1		-		1			· · · · · · · · · · · · · · · · · · ·		
430         203         10000         430         CY         EXCAVITION           3.682         204         10000         3.682         57         SUBGRADE COMPACTION           3.226         204         13000         1.228         CY         EXCAVITION COMPACTION           3         204         45000         3         HOUR         PROOF ROLLING           3         204         10000         500         11         DITICH OLEANOUT           3         611         99630         3         EACH         CATCH BASIN ADJUSTED TO GRADE           4         613         99630         8         EACH         SERVICE BOX ADJUSTED TO GRADE           8         638         605         05100         B86         FT         4* STALLOW PPE UNDERDRAINS           158         611         99570         1         EACH         CATCH BASIN, NO. 6         1           1         611         99570         1         EACH         CATCH BASIN, NO. 6         1           277         659         10000         27         57         SEEDING AND MULCHING         1           30         6593         33000         0.06         ACR         IMMARE         IMAIL BERT HARAN MULAING <td></td> <td></td> <td></td> <td>80</td> <td></td> <td></td> <td></td> <td></td> <td></td>				80					
3,882         204         10000         3,262         SY         SUBGRADE COMMACTION           1,228         204         13000         1,228         CY         EXCAMTION OF SUBGRADE           3         204         13000         3         HOUR         PROOF ROLLING           500         2089         10000         3         HOUR         PROOF ROLLING           3         611         99530         3         EACH         CATE HASIN MUSTED TO GRADE           2         611         99544         2         EACH         SCALE HASIN MUSTED TO GRADE           8         638         638         10900         8         EACH         SCALE HASIN MOLTON GRADE           886         635         05100         986         FT         4"SHALLOW PPE UNDERDRAINS         15           1         6311         98570         1         EACH         CATE HASIN, NO. 3         1           1         6311         99574         1         EACH         CATE HASIN, NO. 6         1           207         659         10000         30         SY         REPRIN SECONG AND MULCHING         1           30         6593         10000         1.2         CV         GRANUAR MATIRAL PERT		+30	$\sim$		202	52000	570		
3,882         204         10000         3,262         SY         SUBGRADE COMMACTION           1,228         204         13000         1,228         CY         EXCAMTION OF SUBGRADE           3         204         13000         3         HOUR         PROOF ROLLING           500         2089         10000         3         HOUR         PROOF ROLLING           3         611         99530         3         EACH         CATE HASIN MUSTED TO GRADE           2         611         99544         2         EACH         SCALE HASIN MUSTED TO GRADE           8         638         638         10900         8         EACH         SCALE HASIN MOLTON GRADE           886         635         05100         986         FT         4"SHALLOW PPE UNDERDRAINS         15           1         6311         98570         1         EACH         CATE HASIN, NO. 3         1           1         6311         99574         1         EACH         CATE HASIN, NO. 6         1           207         659         10000         30         SY         REPRIN SECONG AND MULCHING         1           30         6593         10000         1.2         CV         GRANUAR MATIRAL PERT		439			203	10000	439	СҮ	FXCAVATION
1.228         204         13000         1.228         CY         EACAMTION OF SUBGRADE           3         204         45000         3         HOUR         PRODE         PRO									
3         204         4500         3         HOUR         PROOF ROLLING           500         209         10000         500         FT         DITCH CLEANOUT           3         651         99654         2         FACH         CATCH ASIN ADUSTED TO GRADE           3         651         99654         2         FACH         MAMHOLE ADUSTED TO GRADE           8         638         10900         8         FACH         CATCH ASIN ADUSTED TO GRADE           8         635         05100         9865         FT         4"SIALLOW PRE UNDERDRAINS           1         611         98300         1         EACH         CATCH BASIN NO.5           1         611         98307         1         EACH         CATCH BASIN NO.5           1         611         98307         1         EACH         CATCH BASIN NO.5           207         659         10000         227         SY         SEEDING AND MULCHING           21         659         10000         0.85         TON         COMMERCIAL FERTUZER           20.6         659         30000         0.85         TON         COMMERCIAL FERTUZER           21         659         30000         1.228		,			-				
3         611         99630         3         EACH         CATCH BASIN ADJUSTED TO GRADE           2         611         9964         2         EACH         MANNOL FADILSTED TO GRADE           8         638         10900         8         EACH         MANNOL FADILSTED TO GRADE           8         638         10900         8         EACH         SERVICE BOX ADJUSTED TO GRADE           986         605         05100         866         FT         4" SHALLOW PIPE UNDERDRAINS           11         611         98180         1         EACH         CATCH BASIN, NO. 3           11         611         98370         1         EACH         CATCH BASIN, NO. 3           297         659         10000         297         SY         SELDING AND MULCHING           0.65         659         10000         30         SY         REPAR SEEDING AND MULCHING           0.66         669         20000         0.85         TON         COMMERCIAL FERTILZER           1         659         10000         0.85         TON         COMMERCIAL FERTILZER           1.228         204         30010         1.228         CY         GRANULAR MATERIAL, TYPE B           1.228         204 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>· · · ·</td> <td>HOUR</td> <td></td>							· · · ·	HOUR	
2         611         99554         2         EACH         NAMHOLE ADJUSTED TO GRADE           8         633         19900         8         EACH         SERVICE BOX ADJUSTED TO GRADE           866         605         05100         886         FT         4" SMALLOW PIPE UNDERDRAINS           136         6111         98180         1         EACH         SERVICE BOX ADJUSTED TO GRADE           1         6111         98180         1         EACH         A" SMALLOW PIPE UNDERDRAINS           1         6111         98170         1         EACH         AMHOLE, NO. 3A           2                237         6559         10000         297         SY         SEEDING AND MULCHING         REM           200                  237                   230                  1 <td></td> <td>500</td> <td></td> <td></td> <td>209</td> <td>10000</td> <td>500</td> <td>FT</td> <td>DITCH CLEANOUT</td>		500			209	10000	500	FT	DITCH CLEANOUT
2         611         99554         2         EACH         NAMHOLE ADJUSTED TO GRADE           8         633         19900         8         EACH         SERVICE BOX ADJUSTED TO GRADE           866         605         05100         886         FT         4" SMALLOW PIPE UNDERDRAINS           136         6111         98180         1         EACH         SERVICE BOX ADJUSTED TO GRADE           1         6111         98180         1         EACH         A" SMALLOW PIPE UNDERDRAINS           1         6111         98170         1         EACH         AMHOLE, NO. 3A           2                237         6559         10000         297         SY         SEEDING AND MULCHING         REM           200                  237                   230                  1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
8         638         10900         8         EACH         SERVICE BOX ADJUSTED TO GRADE           886         605         05100         986         FT         4" SHALLOW PIPE UNDERDRAINS           13         611         9870         1         EACH         SERVICE BOX ADJUSTED TO GRADE           1         611         98770         1         EACH         CATCH BASIN, NO. 5           1         611         98770         1         EACH         GATCH BASIN, NO. 5           1         611         99577         1         EACH         MANHOLL, NO. 3           297         659         10000         297         SY         SEEDING AND MULCHING           0.05         659         20000         0.05         TON         COMMERCIAL FRITUZER           0.05         659         30000         1         MARK         WATER           5,000         832         30000         1.228         CY         GRANULAR MATERIAL, TYPE 8           13/228         204         30010         1.233         SY         PAVEMENT PLANING, ASPHALT CONCRETE, GTET, T.           13/23         254         01011         23.33         SY         PAVEMENT PLANING, ASPHALT CONCRETE, STRF, 1.           13/24 <td></td> <td>3</td> <td></td> <td></td> <td>611</td> <td>98630</td> <td>3</td> <td>EACH</td> <td>CATCH BASIN ADJUSTED TO GRADE</td>		3			611	98630	3	EACH	CATCH BASIN ADJUSTED TO GRADE
885         605         0510         885         FT         4" SHALLOW PIPE UNDERDRAINS           11         611         98300         155         FT         15" CONDUIT, TYPE B           1         611         98370         1         EACH         CATCH BASIN, NO. 5           1         611         98370         1         EACH         CATCH BASIN, NO. 6           1         611         98374         1         EACH         CATCH BASIN, NO. 6           1         611         99574         1         EACH         MANIOLE, NO. 3           297         659         10000         297         5Y         SEEDING AND MULCHING         ERK           0.06         659         30000         0.05         TON         COMMERCIAL FERTILIZER         0.06           1         659         30000         1         MGAL         WATER         1           1.228         204         30010         1.228         CY         GRANULAR MATERIAL TYPE B           1.33         254         01001         1.33         SY         PAVEMENT PLANING, ASPHAT CONCRETE, ASPEN PLANING, AS		2			611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE
158         611         05900         158         FT         157 CONDUT, TYPE B           1         611         98180         1         EACH         CATCH BASIN, NO. 3A           1         611         99574         1         EACH         CATCH BASIN, NO. 5           1         611         99574         1         EACH         MANHOLE, NO. 3           297         659         10000         297         SV         SEEDING AND MULCHING           30         659         20000         0.05         TO         COMMERCIAL FRETULZER           0.06         659         3000         D.06         ACRE         LIME           1         659         3000         D.06         ACRE         LIME           5,000         832         30000         5,000         EACH         ERGION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL TYPE B           1,33         254         01001         1,233         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER FL           1,384         254         01010         1,384         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER FL           1,394         255         1800		8			638	10900	8	EACH	SERVICE BOX ADJUSTED TO GRADE
1         611         98170         1         EACH         CATCH BASIN, NO. 3           1         611         99574         1         EACH         CATCH BASIN, NO. 6           1         611         99574         1         EACH         MANHOLE, NO. 3           297         659         10000         297         SY         SEEDING AND MULCHING           30         6559         10000         0.65         TON         COMMERCIAL FERTILIZER           0.05         659         31000         0.06         ACRE         LIME           1         659         31000         0.06         ACRE         LIME           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATENIAL, TYPE B           500         251         01021         500         SY         PARTIAL DEPTH PAVEMENT REAVING, ASPHAIT CONCRETE, CFS PH           1,228         204         30010         1,323         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, AS PE R           1,230         254         01010         1,384         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, SPE R           1,894 <td></td> <td>886</td> <td></td> <td></td> <td>605</td> <td>05100</td> <td>886</td> <td>FT</td> <td>4" SHALLOW PIPE UNDERDRAINS</td>		886			605	05100	886	FT	4" SHALLOW PIPE UNDERDRAINS
1         611         98370         1         EACH         CATCH BASIN, NO, 6           1         611         99574         1         EACH         MANHOLE, NO, 3           297         659         10000         297         SY         SEEDING AND MULCHING           30         659         14000         30         SY         REPAR SEEDING AND MULCHING           0.05         659         31000         0.05         TON         COMMERCIAL FERTILIZER           1         659         35000         1         MGAL         WATER           5.000         832         300010         1,228         CY         GRANULAR MATERIAL, TYPE B           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           1,323         254         01001         1,238         SY         PAVEMENT PLANING, SPHALT CONCRETE, IC=1')           193,153         255         18000         2,500         SY         PAVEMENT PLANING, SPHALT CONCRETE, IC=1')           193,32         244         01000         1,235         SY         PAVEMENT PLANING, SPHALT CONCRETE, IC=1')           193,33         255         18000         2,500         SY         FULL DEPTH PAVEMENT REAVALAD RIGID REPL <td></td> <td>158</td> <td></td> <td></td> <td>611</td> <td>05900</td> <td>158</td> <td>FT</td> <td>15" CONDUIT, TYPE B</td>		158			611	05900	158	FT	15" CONDUIT, TYPE B
1         611         99574         1         EACH         MANHOLE, NO. 3           297         659         10000         297         SY         SEEDING AND MULCHING           30         6559         10000         30         SY         REPAIR SEEDING AND MULCHING           0.06         659         31000         0.06         ACRE         LIME           1         659         35000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1.228         204         30010         1,228         CY         GRANULAR MATERIAL TYPE B           1.228         204         30010         1,228         CY         GRANULAR MATERIAL TYPE B           1.228         204         30010         1,228         CY         GRANULAR MATERIAL TYPE B           1.238         254         01001         1,33         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, AS PER I           1.33         254         01001         1,894         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, ASPER I           1.844         2550         0200         2555         20000         SY         FULL DEPTH PAVEMENT REMAIK, ASPHAIT CONCRETE, ASPER		1			611	98180	1	EACH	CATCH BASIN, NO. 3A
297         659         10000         297         SY         SEEDING AND MULCHING         REAR           30         659         14000         30         SY         REPAR SEEDING AND MULCHING         REPAR SEEDING AND MULCHING           0.06         659         31000         0.06         ACRE         IUME         IUME           1         659         35000         1         MGAL         WATER         IUME           5,000         832         30000         5,000         EACH         EROSION CONTROL         IUME           1.228         204         30010         1.228         CY         GRANULAR MATERIAL, TYPE 8           5.000         251         01001         1.233         SY         PAVEMENT PLANING, SAPHAIT CONCETE, ICT-Y           1.333         254         01001         1.233         SY         PAVEMENT PLANING, SAPHAIT CONCETE, ICT-Y           2.300         255         18000         2.00         SY         PAVEMENT PLANING, SAPHAIT CONCETE, AS PER           1.334         254         01010         1.894         SY         PAVEMENT PLANING, SAPHAIT CONCETE, ICT-Y           2.500         255         18000         2.00         SY         FULL DEPTH PAVEMENT REAVALAND CENET CONCRE		1			611	98370	1	EACH	CATCH BASIN, NO. 6
297         659         10000         297         SY         SEEDING AND MULCHING           300         659         14000         30         SY         REPAIR SEEDING AND MULCHING           0.06         659         31000         0.06         ACRE         LIME           1         659         31000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           5,000         251         01021         500         SY         PAVEMENT PLANING, ASPHAT CONCRETE, [T-1")           1,133         254         01001         1,433         SY         PAVEMENT PLANING, ASPHAT CONCRETE, ASPER I           1,834         254         01001         1,834         SY         PAVEMENT PLANING, ASPHAT CONCRETE, CI-1")           1,930         255         18000         2,500         SY         FUL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,931         254         01001         1,834         SY         PAVEMENT PLANING, ASPHAT CONCRETE, ASPER I           1,933         24         01010         1,834         SY         PAVEMENT		1			611	99574	1	EACH	MANHOLE, NO. 3
297         659         10000         297         SY         SEEDING AND MULCHING           300         659         14000         30         SY         REPAIR SEEDING AND MULCHING           0.06         659         31000         0.06         ACRE         LIME           1         659         31000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           5,000         251         01021         500         SY         PAVEMENT PLANING, ASPHAT CONCRETE, [T-1")           1,133         254         01001         1,433         SY         PAVEMENT PLANING, ASPHAT CONCRETE, ASPER I           1,834         254         01001         1,834         SY         PAVEMENT PLANING, ASPHAT CONCRETE, CI-1")           1,930         255         18000         2,500         SY         FUL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,931         254         01001         1,834         SY         PAVEMENT PLANING, ASPHAT CONCRETE, ASPER I           1,933         24         01010         1,834         SY         PAVEMENT									
30         659         14000         30         SY         REPAIR SEEDING AND MULCHING           0.05         659         20000         0.05         TON         COMMERCIAL FERTUZER           1         659         31000         0.06         ACRE         LIME           1         659         35000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL TYPE B           500         251         01021         500         SV         PARTIAL DEPTH PAVEMENT REPAIR (4/2), AS PER PL           1,328         294         01000         1,33         SV         PAVEMENT PLANING, ASPHALT CONCETE, [T-1")           1,834         254         01010         1,834         SY         PAVEMENT PLANING, ASPHALT CONCETE, [T-1")           1,894         254         01001         1,834         SY         PAVEMENT PLANING, ASPHALT CONCETE, [T-1")           1,894         254         01000         1,830         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,894         255         10000         10,500         FT         FULL DEPT									ERC
0.05         659         20000         0.05         TON         COMMERCIAL FERTILIZER           0.06         659         31000         0.06         ACRE         LIME           1         659         35000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           500         2251         01021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (42), AS PER PL           1,133         254         01001         293,153         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           1,894         254         01001         1,894         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (AS PER PL           2,500         2255         1,8000         1,500         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (AS PER PL           1,894         254         0101         1,894         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (AS PER PL           2,500         255         1,8000         1,500         FUL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,894         254         01010         1,894         SY		297			659	10000	297	SY	SEEDING AND MULCHING
0.06         659         31000         0.06         ACRE         IMME           1         659         35000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           500         251         01021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PL           1,33         254         01001         1,33         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (T-1")           293,153         254         01001         233,133         SY         PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER I           1,894         254         01001         2,500         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,894         255         18000         2,500         SY         FULL DEPTH PAVEMENT SAWING           10,300         255         10000         163         GAL         TACK COAT           26,555         407         20000         26,555         GAL         NON-TRACKING TACK COAT           32         441         50000         322         CY         ASPHALT CONCRETE							30	SY	
1         659         35000         1         MGAL         WATER           5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           500         251         01021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (A42), AS PER PL           1,133         254         01001         233,133         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           1,894         254         01010         233,133         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           1,894         255         18000         2,500         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           1,0500         176         182         301         5600         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         176         182         301         20000         603         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (442)           10,437         4407         100021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, TYP									
5,000         832         30000         5,000         EACH         EROSION CONTROL           1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           500         251         0.1021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PL           1,133         254         0.1001         1,133         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           1,894         254         0.1001         1,133         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           1,894         254         0.1010         1,184         SY         PAVEMENT PLANING, ASPHALT CONCRETE, AS PER I           2,500         255         18000         2,500         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           10,500         176         182         301         56000         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         176         182         301         56000         32         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           10,432         441         50000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (44           10,432         442         00100         163         GAL									
1,228         204         30010         1,228         CY         GRANULAR MATERIAL, TYPE B           500         251         01021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PL           1,133         254         01000         1,133         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, AS PER PL           1,894         254         01001         1,33,5         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, AS PER PL           1,894         254         01010         1,384         SY         PAVEMENT PLANING, ASPHAIT CONCRETE, AS PER PL           2,500         255         18000         2,300         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           10,500         255         20000,5         10,500         FT         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           10,500         255         18000         25,505         GAL         TACK COAT           26,555         407         20000         163         GAL         TACK COAT           12,373         44         7         100437         CY         ASPHAIT CONCRETE SUBFACE COURSE, TYPE 1, (448           10,437         442         10021         12,448         CY         ASPHAIT CONCRETE SUBFACE COURSE, 12.5 MM. T           12,373<		1			659	35000	1	MGAL	WAIER
500         251         01021         500         SY         PARTIAL DEPTH PAVEMENT REPAIR (442). AS PER PL 1133         ASP PALTE           1133         254         01000         1133         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (T=T*)"           1293,153         254         01010         1894         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (T=T*)"           1894         254         01010         1894         SY         PAVEMENT PLANING, ASPHALT CONCRETE, (T=T*)"           10,500         255         18000         2,500         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL           10,500         176         182         301         56000         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         0         2407         20000         603         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         0         26,555         GAL         NON-TRACKING TACK COAT           32         34         0         20000         26,555         GAL         NON-TRACKING TACK COAT           32         441         50000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (442           10,437         442         00210         10,437         CY		5,000			832	30000	5,000	EACH	EROSION CONTROL
2.500         255         18000         2.500         SY         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL.           10.500         255         20000/3         10.500         FT         FULL DEPTH PAVEMENT SAWING           603         176         182         301         56000         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         176         182         304         20000         603         CY         AGGREGATE BASE (T = 6")           97         32         34         407         10000         163         GAL         TACK COAT           26,555         407         20000         26,555         GAL         NON-TRACKING TACK COAT           3/2         441         50000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (442           10,437         442         0000/1         10,432         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           12,373         44         46         442         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         467	(	500 1,133 293,153	)		251 254 254	01021 01000 01001	500 1,133 293,153 1.894	SY SY SY	PARTIAL DEPTH PAVEMENT REPAIR (442). AS PER PL PAVEMENT PLANING, ASPHALT CONCRETE, (T=1") PAVEMENT PLANING, ASPHALT CONCRETE, AS PER P
10,500         255         20000         10,500         FT         FULL DEPTH PAVEMENT SAWING           603         301         56000         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         304         20000         603         CY         AGGREGATE BASE (T = 6")           97         32         34         407         10000         163         GAL         TACK COAT           26,555         407         20000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         442         00100         10,437         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         442         00100         10,437         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           12,373         44         46         442         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         452         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         450         FT         CURB RAMP           450         608         52000         198         SF         CURB RAMP           450						1			
176         182         301         56000         358         CY         ASPHALT CONCRETE BASE, PG64-22, (449)           603         1         304         20000         603         CY         AGGREGATE BASE (T = 6")           97         32         34         407         10000         163         GAL         TACK COAT           26,555         407         20000         26,555         GAL         NON-TRACKING TACK COAT           32         441         50000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (443           10,437         442         00100         10,437         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           12,373         44         46         142         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         452         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         467         SF         4" CONCRETE WALK           198         608         52000         198         SF         CUBR RAMP           450         609         14000         5,100         FT         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) <td>•</td> <td>2,500</td> <td></td> <td></td> <td>255</td> <td>18000</td> <td>2,500</td> <td>SY</td> <td>FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL</td>	•	2,500			255	18000	2,500	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPL
603       1       304       20000       603       CY       AGGREGATE BASE (T = 6")         97       32       34       407       10000       163       GAL       TACK COAT         26,555       407       20000       26,555       GAL       NON-TRACKING TACK COAT         32       441       50000       32       CY       ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448         10,437       442       00100       10,437       CY       ANTI-SEGREGATION EQUIPMENT         12,373       44       46       442       10021       12,463       CY       ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T         3,522       452       14010       3,522       SY       10" NON-REINFORCED CONCRETE PAVEMENT, CLAS         467       608       10000       467       SF       4" CONCRETE WALK         198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48,26       850       10010       48,26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING		10,500			255	20000	10,500	FT	FULL DEPTH PAVEMENT SAWING
97       32       34       407       10000       163       GAL       TACK COAT         26,555       407       20000       26,555       GAL       NON-TRACKING TACK COAT         32       441       50000       32       CY       ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448         10,437       442       00100       10,437       CY       ANTI-SEGREGATION EQUIPMENT         12,373       44       46       442       10021       12,463       CY       ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T         3,522       452       14010       3,522       SY       10" NON-REINFORCED CONCRETE PAVEMENT, CLAS         467       608       10000       467       SF       4" CONCRETE WALK         198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40600       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48,26       850       10010       48,26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         12,741       850       20010       2,91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING			176	182	301	56000	358	CY	ASPHALT CONCRETE BASE, PG64-22, (449)
26,555         407         20000         26,555         GAL         NON-TRACKING TACK COAT           32         441         50000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         442         00100         10,437         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         444         60100         10,437         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           12,373         44         46         442         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         452         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         467         SF         4" CONCRETE WALK           198         608         52000         198         SF         CURB RAMP           450         609         14000         5,100         FT         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           8,56         618         40600         8,56         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           12,741         850         1010         12,741         FT         GROOVING FOR 6" RECESSED PAVEMENT MARKING		603	$\sim$		<u>1</u> 304	20000	603	CY	AGGREGATE BASE (T = 6")
32         441         5000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         442         00100         10,437         CY         ANTI-SEGREGATION EQUIPMENT           12,373         44         46         442         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         452         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         467         SF         4" CONCRETE WALK           198         608         52000         198         SF         CURB RAMP           450         609         14000         450         FT         CURB, TYPE 2.A           5,100         618         40100         5,100         FT         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           8,56         618         40600         8.56         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           12,741         850         10010         12,741         FT         GROOVING FOR 6" RECESSED PAVEMENT MARKING           2,91         850         20010         2,91         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           73,960		97	32	34	407	10000	163	GAL	ТАСК СОАТ
32         441         5000         32         CY         ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448           10,437         442         00100         10,437         CY         ANTI-SEGREGATION EQUIPMENT           12,373         44         46         442         10021         12,463         CY         ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T           3,522         452         14010         3,522         SY         10" NON-REINFORCED CONCRETE PAVEMENT, CLAS           467         608         10000         467         SF         4" CONCRETE WALK           198         608         52000         198         SF         CURB RAMP           450         609         14000         450         FT         CURB, TYPE 2.A           5,100         618         40100         5,100         FT         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           8,56         618         40600         8.56         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           12,741         850         10010         12,741         FT         GROOVING FOR 6" RECESSED PAVEMENT MARKING           2,91         850         20010         2,91         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           73,960	2	$\sim$				1	$\sim$		
10.437       442       00100 / 10.437       CY       ANTI-SEGREGATION EQUIPMENT         12,373       44       46       442       10021       12,463       CY       ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T         3,522       452       14010       3,522       SY       10" NON-REINFORCED CONCRETE PAVEMENT, CLAS         467       608       10000       467       SF       4" CONCRETE WALK         198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8,56       618       40600       8,56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48,26       850       10010       48,26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         12,741       850       10130 1       12,741       FT       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2,91       850       20010       2,91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE		26,555					26,555		
12,373       44       46       442       10021       12,463       CY       ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, T         3,522       452       14010       3,522       SY       10" NON-REINFORCED CONCRETE PAVEMENT, CLAS         467       608       10000       467       SF       4" CONCRETE WALK         198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8,56       618       40600       8,56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48,26       850       10010       48,26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2,91       850       20010       2,91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         1,577       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RISED PAVEMENT MARKER REMOVED         0.16						· · · · · · · · · · · · · · · · · · ·			
3,522       452       14010       3,522       SY       10" NON-REINFORCED CONCRETE PAVEMENT, CLAS         467       608       10000       467       SF       4" CONCRETE WALK         198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8.56       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       650       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         12.741       850       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         71,577       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RAISED PAVEM		$\sim$		$\sim$		<u>_</u>			· · · · ·
467         608         1000         467         SF         4" CONCRETE WALK           198         608         52000         198         SF         CURB RAMP           450         609         14000         450         FT         CURB, TYPE 2-A           5,100         618         40100         5,100         FT         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           8,56         618         40600         8,56         MILE         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           48,26         618         40600         8,56         MILE         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           48,26         618         40600         8,56         MILE         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           48,26         618         40600         8,56         MILE         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           48,26         850         10010         48,26         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           12,741         850         20010         2,91         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           73,960         897         02000         73,960         SY         PATCHING PLANED SURFACE           1,577         621         00100			$\sim$		1				
198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8.56       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       ROOVING FOR 6" RECESSED PAVEMENT MARKING         12.741       850       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2.91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         71,577       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       6		5,522			452	14010	5,522	51	10 NON-KEINI OKCED CONCRETE PAVEMENT, CLAS
198       608       52000       198       SF       CURB RAMP         450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8.56       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       8.56       MILE       ROOVING FOR 6" RECESSED PAVEMENT MARKING         12.741       850       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2.91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         71,577       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       6		467			608	10000	467	SE	4" CONCRETE WALK
450       609       14000       450       FT       CURB, TYPE 2-A         5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8,56       618       40600       8,56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       618       40600       48.26       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       850       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2.91       850       10130 1       12.741       FT       GROOVING FOR 6" RECESSED PAVEMENT MARKING         2.91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         71,577       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       646       10010       0.16       MILE       EDGE LINE, 6", (WHITE)         0.07       646       10010       0.07       MILE       EDGE LINE, 6", (YELLOW)									
5,100       618       40100       5,100       FT       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         8,56       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       1       618       40600       8.56       MILE       RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)         48.26       850       10010       48.26       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         12.741       850       10130 1       12.741       FT       GROOVING FOR 12" RECESSED PAVEMENT MARKING         2.91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         73,960       621       00100       1,577       EACH       RPM         1,577       621       00100       1,577       EACH       RISED PAVEMENT MARKER REMOVED         0.16       646       10010       0.16       MILE       EDGE LINE, 6", (WHITE)         0.07       646       10010       0.07       MILE       EDGE LINE, 6", (YELLOW)									
8.56         618         40600         8.56         MILE         RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)           48.26         850         10010         48.26         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           12,741         850         10130 1         12,741         FT         GROOVING FOR 12" RECESSED PAVEMENT MARKING           2.91         850         20010         2.91         MILE         GROOVING FOR 6" RECESSED PAVEMENT MARKING           73,960         897         02000         73,960         SY         PATCHING PLANED SURFACE           1,577         621         00100         1,577         EACH         RPM           1,577         621         00100         1,577         EACH         RAISED PAVEMENT MARKER REMOVED           0.16         646         10010         0.16         MILE         EDGE LINE, 6", (WHITE)           0.07         646         10010         0.07         MILE         EDGE LINE, 6", (YELLOW)									
12,741       850       10130 1       12,741       FT       GROOVING FOR 12" RECESSED PAVEMENT MARKING         2,91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         73,970       621       00100       1,577       EACH       RPM         1,577       621       00100       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       646       10010       0.16       MILE       EDGE LINE, 6", (WHITE)         0.07       646       10010       0.07       MILE       EDGE LINE, 6", (YELLOW)		$\mathbf{\gamma}\mathbf{\gamma}\mathbf{\gamma}\mathbf{\gamma}\mathbf{\gamma}$	)						
12,741       850       10130 1       12,741       FT       GROOVING FOR 12" RECESSED PAVEMENT MARKING         2,91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         73,970       621       00100       1,577       EACH       RPM         1,577       621       00100       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       646       10010       0.16       MILE       EDGE LINE, 6", (WHITE)         0.07       646       10010       0.07       MILE       EDGE LINE, 6", (YELLOW)		48.26			850	10010	48.26	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING
2.91       850       20010       2.91       MILE       GROOVING FOR 6" RECESSED PAVEMENT MARKING         73,960       897       02000       73,960       SY       PATCHING PLANED SURFACE         73,960       97       02000       73,960       SY       PATCHING PLANED SURFACE         73,97       621       00100       1,577       EACH       RPM         1,577       621       54000       1,577       EACH       RAISED PAVEMENT MARKER REMOVED         0.16       646       10010       0.16       MILE       EDGE LINE, 6", (WHITE)         0.07       646       10010       0.07       MILE       EDGE LINE, 6", (YELLOW)	•					► <b>∧</b>			
73,960         897         02000         73,960         SY         PATCHING PLANED SURFACE           1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	7		5						
1,577         621         00100         1,577         EACH         RPM           1,577         621         54000         1,577         EACH         RAISED PAVEMENT MARKER REMOVED           0.16         646         10010         0.16         MILE         EDGE LINE, 6", (WHITE)           0.07         646         10010         0.07         MILE         EDGE LINE, 6", (YELLOW)		73,960			897	02000	73,960	SY	PATCHING PLANED SURFACE
1,577         621         54000         1,577         EACH         RAISED PAVEMENT MARKER REMOVED           0.16         646         10010         0.16         MILE         EDGE LINE, 6", (WHITE)           0.07         646         10010         0.07         MILE         EDGE LINE, 6", (YELLOW)									TR
0.16         646         10010         0.16         MILE         EDGE LINE, 6", (WHITE)           0.07         646         10010         0.07         MILE         EDGE LINE, 6", (YELLOW)		1,577			621		1,577		
0.07 646 10010 0.07 MILE EDGE LINE, 6", (YELLOW)		,					· · · · · ·		
0.01         646         10110         0.01         MILE         LANE LINE, 6"					646	10010	0.07	MILE	EDGE LINE, 6", (YELLOW)
		0.07							
					646	10110	0.01	MILE	LANE LINE, 6"

ESCRIPTION	SEE SHEET NO.	
ROADWAY		
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DRAINAGE		
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ROSION CONTROL		5
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PAVEMENT		
PLAN	P.9	
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R PLAN, (T=1.5")	P.10	
RETE, (T=3.0")		
PLACEMENT, TYPE 2, CLASS RRCM	P.9	
	P.9	
	1.5	
	P.17	
	1.17	
48), PG64-22, (T=1")	P.17	
TYPE A (446), PWL 2024, AS PER PLAN (PG 70-22M)	P.10	
ASS QC 1P	1120	
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·		DESIGN AGENCY
IG, (ASPHALT)		
NG, (ASPHALT)		2 4524 2 4524 2 4524
IG, (CONCRETE)		ARCADIS NGLE PARK DR SUITE 2300 NCINNATI, OHIO 45246 (513) 942-3141 www.arcadis.com
	P.9	(513) WWW.a
		23 TRIANU
RAFFIC CONTROL		33
		DESIGNER
		BSB
3 12-04-2024 - QUANTITY		REVIEWER
CLARIFICATION		SRB 11/11/24 PROJECT ID
11-11-2024 - PARTICIPITAION REVISION /		118771
PROJECT WORK REDUCTION		SHEET TOTAL
		P.90 153