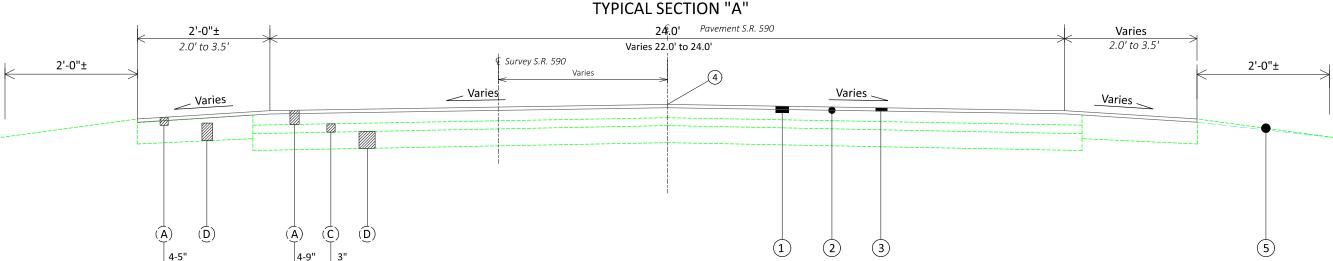
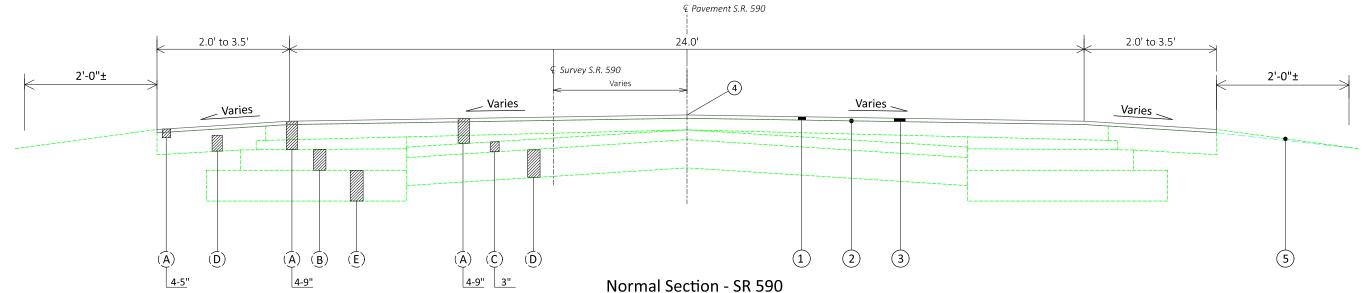
____ Varies ___ Varies (\widehat{A}) (\widehat{D}) (\widehat{A}) (<u>c</u>) (\widehat{D}) 4-5" 4-9"



Normal Section - SR 590

STA. 356+33 TO STA. 531+99 = 17566 LF

TYPICAL SECTION "B"



STA. 347+40 TO STA. 356+33 = 893 Ft

PROPOSED LEGEND

- ITEM 254 1 3/4" PAVEMENT PLANING
- ITEM 407 TACK COAT (0.085 GAL./SQ. YD.)
- ITEM 442 1-3/4" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
- ITEM 875 LONGITUDINAL JOINT ADHESIVE
- ITEM 617 COMPACTED AGGREGATE & ITEM 209 LINEAR GRADING

EXSITING LEGEND

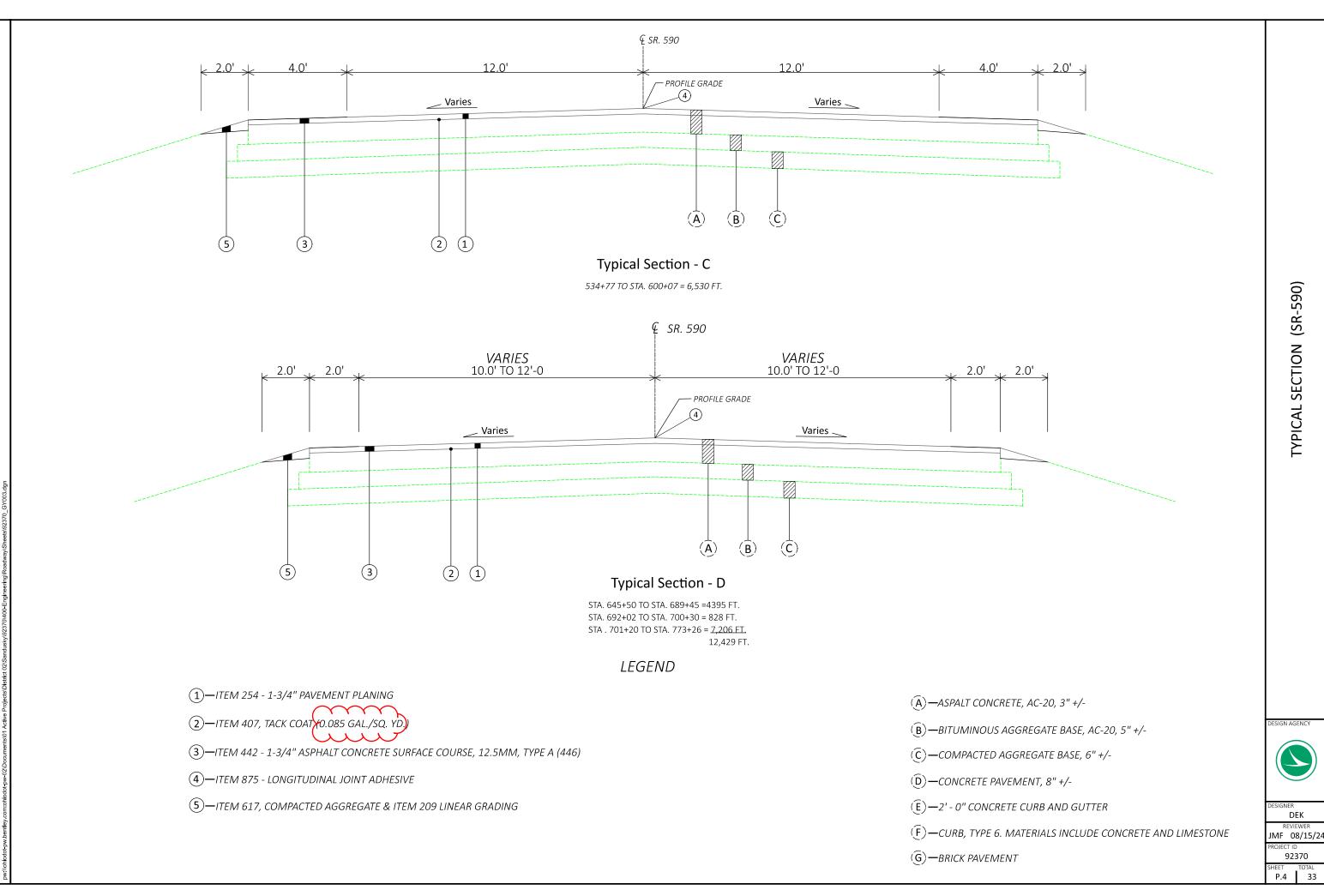
- **EXISTING ASPHALT (THICKNESS AS SHOWN)**
- (B) 6" EXISTING AGGREGATE BASE
- BITUMINOUS MACADAM (THICKNESS AS SHOWN)
- (D) WATERBOUND MACADAM (UNDETERMINED THICKNESS)
- (E) 8" SUBBASE



DEK JMF 08/15/24 92370 P.3 TOTAL

DEK

92370



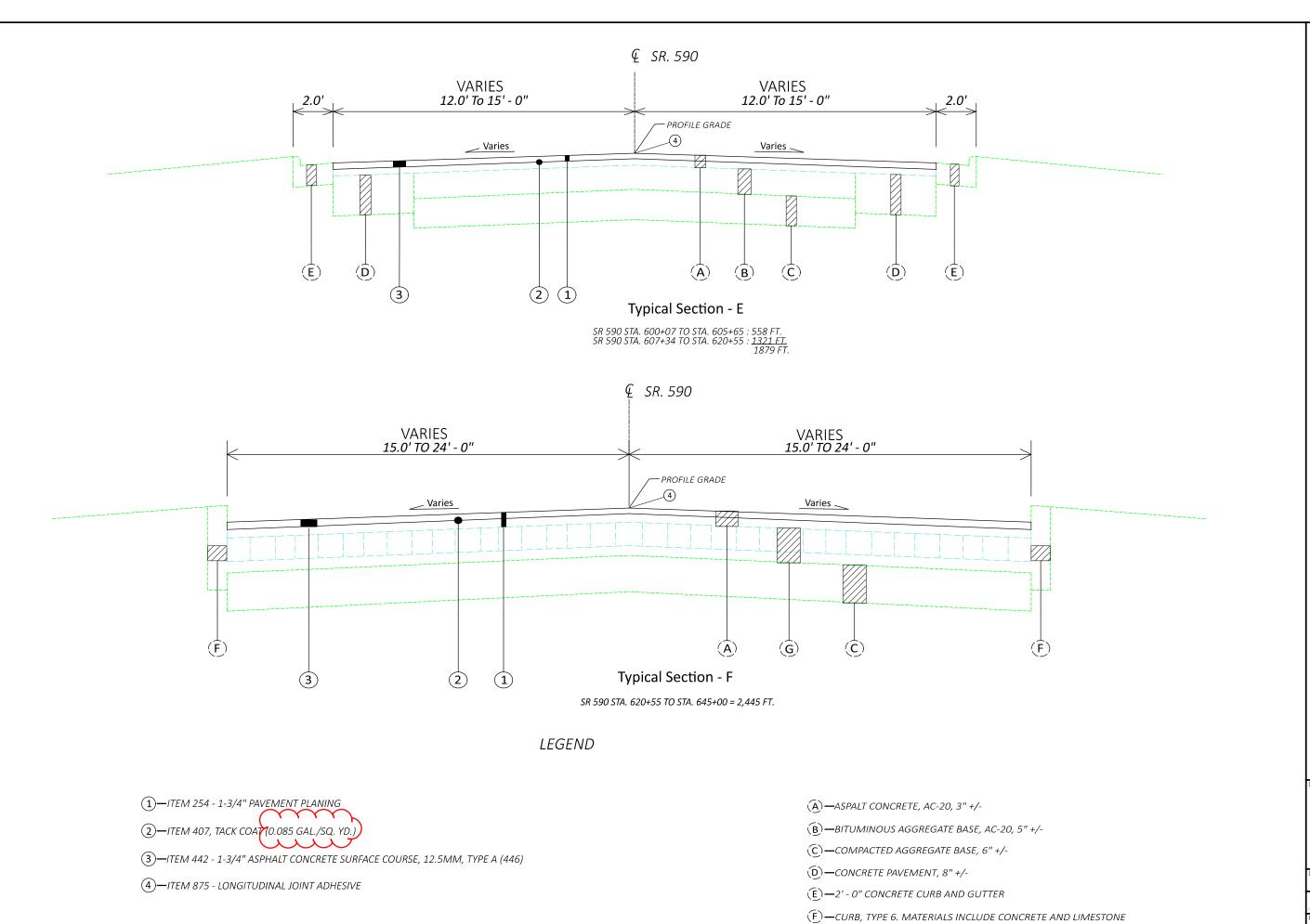
DEK

MF 08/15/24

92370

P.5 TOTAL





(G)—BRICK PAVEMENT

ROUNDING

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

UTILITIES

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

COLUMBIA GAS OF OHIO, INC. 2901 E. MANHATTAN BLVD. TOLEDO, OHIO 43611 419-539-6066

CHARTER TELECOMMUNICATIONS 3760 INTERCHANGE DR COLUMBUS, OHIO 43204 614-255-6340

FRONTIER 300 WEST GYPSY LANE RD, SUITE A BOWLING GREEN, OHIO 43402

OHIO EDISON 2508 W. PERKINS AVE. SANDUSKY, OHIO 44870 419-627-6887

SANDUSKY CO. SANITARY ENGINEER VILLAGE OF LINDSAY 2100 COUNTRYSIDE DR. #1 FREMONT, OHIO 43420

240 S. MAIN STREET LINDSAY, OHIO 43442 419-665-2311

ELEVATION DATUM

419-354-9452

ALL ELEVATIONS ARE ORTHOMETRIC HEIGHTS USING THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND GEOID2018 GEOID (GPS DERIVED). HORIZONTAL POSITIONS ARE BASED ON THE OHIO STATE PLANE NORTH ZONE, A LAMBERT CONFORMAL CONIC MAP PROJECTION. THE NORTH AMERICAN DATUM OF 1983 ADJUSTED TO THE NATIONAL SPATIAL REFERENCE SYSTEM OF 2011 (NAD 83(NSRS 2011)), AND THE GRS80 ELLIPSOID.

WORK LIMITS

THE WORK I IMITS 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.

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.

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 , 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.

SURVEYING PARAMETERS

THE FOLLOWING VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS WERE USED FOR ALL SURVEYING ON THIS PROJECT:

POSITIONING METHOD: ODOT REAL TIME NETWORK (2011) MONUMENT TYPE: TYPE B

VERTICAL POSITIONING -ORTHOMETRIC HEIGHT DATUM: NAVD 88 GEOID: 2018

HORIZONTAL POSITIONING -REFERENCE FRAME: NAD83 (2011) (EPOCH 2010.0) ELLIPSOID: GRS 80 COORDINATE SYSTEM: CUSTOM O.D.O.T. SANDUSKY LDP * SANDUSKY LDP PROJECTION PARAMETERS: PROJECTION: LCC 1 PARALLEL CENTRAL LATITUDE: N 41°24'00" CENTRAL LONGITUDE: W 83°06'00" FALSE NORTHING: 100,000 METERS FALSE EASTING: 50,000 METERS PROJECTION SCALE FACTOR: 1.000026

*THE LOW DISTORTION PROJECTION (LDP) IS A LOCAL COUNTY PROJECTION DEVELOPED BY O.D.O.T. THE DISTORTION BETWEENGROUND AND GRID IS SO MINIMAL THAT THERE IS NO NEED FOR ASCALE FACTOR TO ADJUST BETWEEN GRID AND GROUNDCOORDINATES. CONTACT THE DISTRICT SURVEY DEPARTMENT FORFURTHER INFORMATION OR QUESTIONS.

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

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THEORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARYPROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BYCONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYEDMONUMENTS IN ACCORDANCE WITH

EXISTING MONUMENT BOXES

DURING CONSTRUCTION, IF THE CONTRACTOR REMOVES OR DISTRUBS ANY MONUMENT BOX ASSEMBLIES, THE CONTRACTOR SHALL HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE ORIGINAL LOCATION AS PER OHIO ADMINISTRATIVE CODE, CHAPTER 4733-37, STANDARDS FOR BOUNDARY SURVEYS. THE CONTRACTOR SHALL FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPERATIONS MANAGER FOR REVIEW. THE CERTIFICATION SHALL BE SIMILAR TO THE FOLLOWING:

I, JOHN D. DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATIONS DURING PROJECT CTY-RT-SEC, PID 000000. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "A MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS OTHERWISE NOTED. THE WORDS I AND MY, AS USED HEREIN, ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

ALL SURVEY MONUMENTS SET AND/OR RESET BY THE CONTRACTOR'S SURVEYOR SHALL BE CONSTRUCTED ACCORDING TO SCD RM-1.1.

ALL COSTS ASSOCIATED WITH THE RE-SETTING OF THE MONUMENT BOXES SHALL BE AT THE CONTRACTORS' EXPENSE.

ITEM 253, PAVEMENT REPAIR

PAVEMENT SHALL BE PLANED BEFORE PAVEMENT REPAIRS ARE PERFORMED.

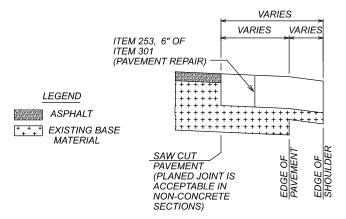
THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR PAVEMENT REPAIR AS DIRECTED BY THE ENGINEER AND BASED ON VARYING WIDTHS ON BOTH SIDES OF THE ROAD.

6" AT 15% OF TOTAL AREA FOR S.R. 412, 1303 CU. YDS. 8" AT 8% OF TOTAL AREA FOR S.R. 590, 2116 CU. YDS.

ITEM 253. PAVEMENT REPAIR

3419 CUBIC YARDS

ESTIMATED QUANTITIES CARRIED TO THE GENERAL SUMMARY



NOTE: THE ENGINEER SHALL FIELD VERIFY ALL LOCATIONS PRIOR TO THE BEGINNING OF WORK. ANY ADJUSTMENTS NECESSARY SHALL BE AS DIRECTED BY THE ENGINEER.

ASPHALT CONCRETE FOR DRIVEWAYS

THE FOLLOWING ESTIMATED QUANTITY FOR ASPHALT CONCRETE IS TO BE USED FOR ADJUSTING DRIVEWAYS AS DIRECTED BY THE ENGINEER:

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), (DRIVEWAYS)

TOTALS CARRIED TO GENERAL SUMMARY.

THE PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL DRIVEWAYS HAVE BEEN TREATED AS DIRECTED BY THE ENGINEER.

175 CU YD

5 SY

THE FOLLOWING ITEMS HAVE BEEN INCLUDED AS A CONTINGENCY QUANTITY TO BE APPROVED BY THE PROJECT ENGINEER AND CARRIED TO THE GENERAL SUMMARY:

ITEM 659 - SEEDING AND MULCHING

ITEM 209 - PREPARING SUBGRADE FOR SHOULDER PAVING

PREPARE THE SHOULDER FOR PAVING A CONSISTENT SAFETY EDGE IN BOTH THICKNESS AND WIDTH.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

S.R. 412 7.4 MILE S.R. 590 14.5 MILE

SAFETY EDGE

ITEM 441 - SURFACE COURSE ITEM 441 - INTERMEDIATE COURSE

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR CONSTRUCTION OF THE SAFETY EDGE:

S.R. 412

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448) AS PER PLAN

ITEM 441 - ASPHALT CONC. INTERMEDIATE COURSE, TYPE 2, (446)

S.R. 590

ITEM 441 - ASPHALT CONC. SURFACE COURSE, 12.5MM, TYPE A (446)

ITEMS ADJUSTED TO GRADE

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 611, CATCH BASIN TO BE ADJUSTED TO GRADE: ITEM 611, MANHOLE TO BE ADJUSTED TO GRADE:

12 EA 2 EA

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448) AS PER PLAN

PER CMS 424.04, 448 DENSITY APPLIES TO THIS PROJECT.

DENSITY WILL BE TESTED ACCORDING TO SUPPLEMENT 1055 PER

CMS 448.02. THE DENSITY DISINCENTIVE PORTION OF TABLE

448.04-3. WILL BE WAIVED PROVIDING THAT

THE CONTRACTOR MAKES EVERY EFFORT TO OBTAIN DENSITY

AND DOES NOT USE VIBRATORY ROLLERS.

ITEM 442 ASPHALT CONCRETE, MISC: BUTT JOINTS INTERSECTIONS

FOR THE WORK AT THE INTERSECTIONS THE CONTRACTOR SHALL PLACE ONE OF FOLLOWING TREATMENTS:

MILL THE BUTT JOINT AREA OF THE INTERSECTION THE THICKNESS OF THE ASPHALT BEING PLACED, PLACE ITEM 407 NON TRACKING COAT ON THE MILLED SURFACE AND PLACE 1" ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (449)

MILL THE BUTT JOINT AREA OF THE INTERSECTION THE THICKNESS OF THE ASPHALT BEING PLACED, PLACE ITEM 407 NON TRACKING COAT ON THE MILLED SURFACE. PLACE 1 1/2" ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 9.5MM, TYPE A, (449)

WHICH EVER METHOD THE CONTRACTOR CHOOSES ALL WORK SHALL BE PAID FOR UNDER ITEM 442 ASPHALT CONCRETE, MISC: BUTT JOINT INTERSECTION CY. FOR QUANTITY CALCULATIONS A THICKNESS OF 1 1/2" WAS USED FOR ONE COURSE AND 3" FOR TWO COURSE APPLICATION.



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

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

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

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

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

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

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

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA:

- ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND
- AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION;
- AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

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

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION. PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF:

THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR

THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE: OR

OTHER LOCATION AS APPROVED BY THE ENGINEER. THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED **OUALIFYING WORK AREAS.**

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

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

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

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

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

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

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 40 HOURS

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

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

FARM DRAINS

PROVIDE UNOBSTRUCTED OUTLETS TO ALL FARM DRAINS ENCOUNTERED DURING CONSTRUCTION. REPLACE EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY WITHIN THE (RIGHT OF WAY)(CONSTRUCTION) LIMITS WITH ITEM 611. CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

OUTLET EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES INTO THE ROADWAY DITCH USING ITEM 611. TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION IS ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. INTERCEPT LATERAL FIELD TILES WHICH CROSS THE ROADWAY WITH ITEM 611, TYPE E CONDUIT, AND CARRY IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS IS DETERMINED BY THE ENGINEER AND PAYMENT MADE ON FINAL MEASUREMENTS.

PROVIDE EROSION CONTROL PADS AT THE OUTLET END OF ALL FARM DRAINS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE.

PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES IS INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

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

611 15" CONDUIT, TYPE B 25 FT. 611 12" CONDUIT, TYPE E 50 FT. 611 6" CONDUIT, TYPE F 25 FT.



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		621	621	642	642	642	642	644	644	644	644	644							
REF NO.	STATION TO STATION	RPM	RAISED PAVEMENT MARKER REMOVED	EDGE LINE, 6", TYPE 1	CENTER LINE, TYPE 1, DASHED SOLID	CENTER LINE, TYPE 1, DOUBLE SOLID	CENTER LINE, TYPE 1, DASHED	TRANSVERSE/DIAGONAL LINE, WHITE	STOP LINE	PARKING LOT STALL MARKING	HANDICAP SYMBOL MARKING	CROSSWALK LINE, 12"							
		EACH	EACH	MILE	MILE	MILE	MILE	FT	FT	FT	EACH	FT							1
16	SR-412 460+86.00 TO 505+50.00	56	56	1.69	0.45	0.09	0.30												1
17 18	505+50.00 TO 507+89.00 508+89.00 TO 551+50.00	3 53	3 53	0.09 1.61	0.08		0.05 0.75												1
19 20	551+50.00 TO 611+50.00 611+50.00 TO 649+50.00	75 48	75 48	2.27 1.44	0.21 0.34	0.17 0.13	0.78 0.14		12										1
21	649+50.00 TO 655+50.00	8	8	0.23		0.11													+
29	SR-590 347+40.00 TO 374+50.00	34	34	1.03	0.17	0.10	0.24												-
30 31	374+50.00 TO 531+99.00 534+77.00 TO 535+50.00	197 1	197 1	5.97 0.03	0.50 0.01	0.19	2.29												-
32 33	535+50.00 TO 604+50.00 604+50.00 TO 605+65.00	86	86	2.44	0.05		1.29 0.02												1
34 35	607+34.00 TO 619+50.00 619+50.00 TO 634+50.00	15 19	15 19		0.18 0.08	0.01	0.08	200		915	2	120							1
36 37	634+50.00 TO 669+50.00 669+50.00 TO 689+45.00	44 25	44 25	0.91 0.76	0.10 0.28	0.04	0.50 0.03	200		0.10		110							1
38	692+02.00 TO 773+26.00	102	102	3.08	0.20	0.05	1.54												1
TOTALS	CARRIED TO GENERAL SUMMARY	766	766	21,54	2.46	0,96	8.18	200	12	915	2	230							
			254 2	254	407	442			}						202	608	608	609	
REF NO. SHEET NO.	STATION TO STATION		PAVEMENT PLANING, ASPHALT CONCRETE, 1.75" PAVEMENT PLANING ASPHALT	PAVEMEN I PLANING, ASPHALI CONCRETE, 3"	TACK COAT	ASTIAL CONCRETE, MISC. BUT					SHEET NO.	STA	TION	SIDE	WALK REMOVED	CURB RAMP	DETECTABLE WARNING	CURB, TYPE 6	
				SY		CY			2						SF	SF	SF	FT	
	INTERSECTIONS											CURB RAMPS							
18	SR 412 CR 302			45		3.8				CR-1 CR-2	51 51	620+	69.00 92.00	RT.	50	50 50	8	6	
21 21	CR 306 CR 310			155 45		12.9 3.8			7	CR-3 CR-4	52 52		92.00 ·00.00	LT.	_	60 60	8 8	7 6	
21	SR 101		2	295	41.3	24.6				CR-5 CR-6	52 52		65.00 80.00	LT.		400 60	16 8	35 7	
29	SR 590 US 6		215		18.3	10.5			3	CR-7 CR-8	52 52	638+	20.00	LT.	70	70 75	8 16	6 10	DESIGN
36 39	NAPOLEON RD QUINSHAN RD		165 75		14.0	8.0 3.6			_	CR-9	52		60.00	LT.		110	24	15	
42	CR 59 CR 65		115		9.8	5.6			}										
44	CR 69		150 80	\	6.8	7.3			2										
44	SEILHEIMER RD. DEWEY ST.		225 185		15.7	9.0			_										DESIGN
51	CR 131		70		6.0	3.4			3										JMF PROJEC
									\mathcal{L}										SHEET
<u> </u>	CARRIED TO GENERAL SUMMARY		1280 5	540	185	108				TO	OTALS (CARRIED TO GEN	IERAL SUMI	MARY	935	935	104	98	P.12

THE UNDERCUT DESCRIBED ON THIS SHEET SHALL BE APPLIED TO BOTH HEADWALLS.

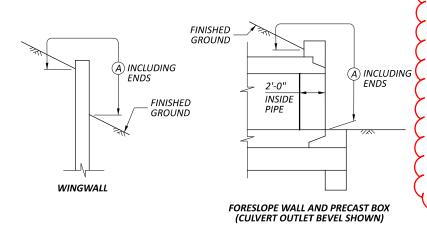
FOR HEADWALL DIMENSIONS, SEE STANDAD CONSTRUCTION DRAWING HW-1.1.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

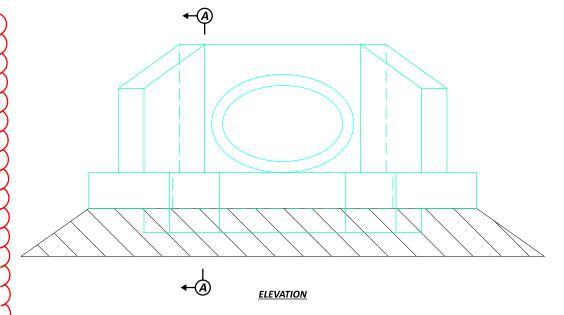
18 CY ITEM 203 EXCAVATION ITEM 203 GRANULAR MATERIAL, TYPE C 18 CY

SEALING OF FORESLOPE WALL AND WINGWALLS

ALL EXPOSED FORESLOPE WALL AND WINGWALL CONCRETE SHALL BE SEALED WITH NON-EPOXY SEALER. THE LIMITS SHALL BE AS SHOWN IN THE DIAGRAMS BELOW. PAYMENT FOR THE EPOXY-URETHANE SEALER SHALL BE PER ITEM 512 - SEALING OF

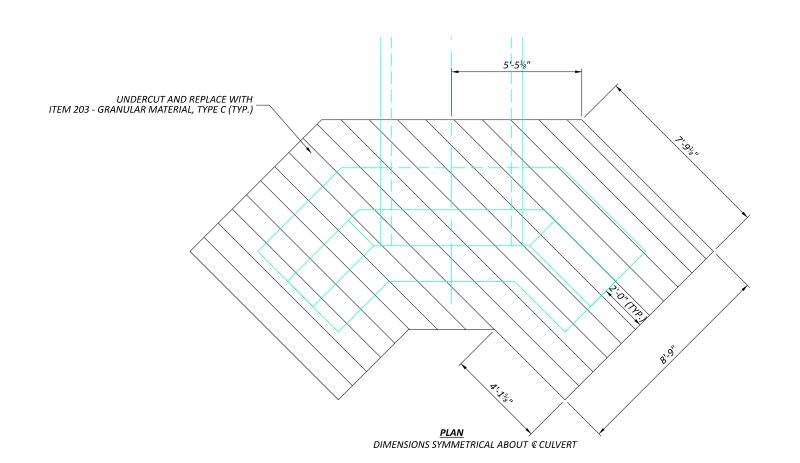


SECTION A-A



A - SEAL ENTIRE CONCRETE SURFACE AREA

LIMITS OF ITEM 512-SEALING CONCRETE SURFACES DETAILS



TIME: 5:54:11 PM USER: dkasem1

ADB DEK 10/04/24

92370

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