

(7) ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

(8) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12" DEEP

(9) ITEM 204 - EXCAVATION OF SUBGRADE, 12" DEEP

(ÎÎ) ITEM 204 - 12" GRANULAR MATERIAL, TYPE B

(13) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS

(14) ITEM 605 - 6" UNCLASSIFIED PIPE UNDERDRAINS

(10) ITEM 204 - GEOTEXTILE FABRIC

(12) ITEM 659 - SEEDING AND MULCHING

(2) ITEM 202 - PAVEMENT REMOVED, AS PER PLAN
(2) ITEM 452 - 131/2" NON-REINFORCED CONCRETE PAVEMENT CLASS OC IP WITH OC/OA
(3) ITEM 526 - APPROACH SLAB (T=15")

(28) ITEM 848 - OVERLAY, MISC.: CONCRETE PAVEMENT CLASS OC IP WITH OC/OA

(24) ITEM 202 - PAVEMENT REMOVED

(26) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE

(7) ITEM 254 - PAVEMENT PLANING, PORTLAND CEMENT CONCRETE

(25) LONGITUDINAL JOINT

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Ĝ) EXISTING 6" PIPE UNDERDRAIN

) EXISTING CONCRETE BARRIER, TYPE A

L) EXISTING ASPHALT BASE (11" AVERAGE DEPTH)

H) EXISTING COMPACTED AGGREGATE (2" AVERAGE DEPTH)

(Î) EXISTING ASPHALT SURFACE COURSE (VARIABLE DEPTH)

R) EXISTING ASPHALT INTERMEDIATE COURSE (13/4 " AVERAGE DEPTH)

M) EXISTING NON-REINFORCED CONCRETE (131/2" AVERAGE DEPTH)

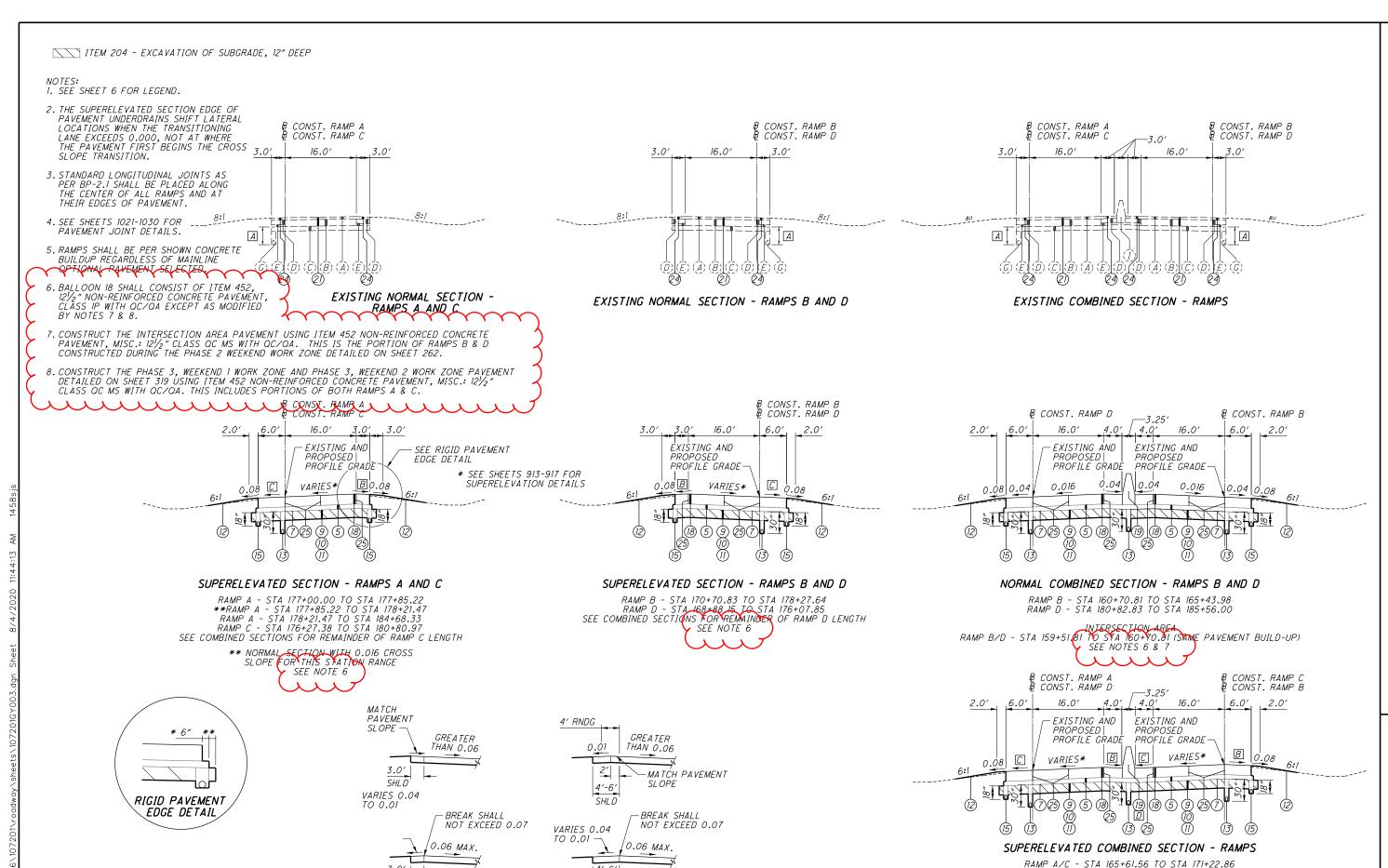
1312

F TRANSITION BETWEEN 0.04 ON NORMAL SECTION TO 0.016 AT APPROACH SLABS

OVER 90'. SEE TABLE 2, NEXT SHEET.

G TRANSITION BETWEEN 0.04 ON SUPER-ELEVATED SECTION TO 0.020 AT APPROACH

SLABS. SEE TABLE 2, NEXT SHEET.



8 1312

RAMP B/D - STA 165+43.98 TO STA 170+70.83

MIRROR SECTION RAMP A/C - STA 171+22.86 TO STA 177+00.00

RAMP A/C - STA 164+35 95 TO STA 165+61.36 (SAME PAVEMENT BUILD-UP)

SEE NOTES 6 & 8

STATIONS LISTED FOR THIS SECTION ARE FOR RAMPS A AND B

WHICHEVER IS GREATER.

D MIN - 33 3/4", MAX - 38 1/4" WIDTH

DEPTH VARIES BETWEEN 30" AND 50"

SAME SLOPE AS PAVEMENT, OR 0.04,

SLOPE VARIES, SEE DETAIL A THIS SHEET.

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DETAIL AHIGH SIDE OF

SUPERELEVATED SECTION

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EXISTING UNDERDRAINS

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PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDER-DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDER-DRAINS THAT OUTLET TO A SLOPE.

UNDER-DRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDER-DRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDER-DRAINS.

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

601, TIED CONCRETE BLOCK MAT, TYPE 1 3.6 SQ. YD. 611 6" CONDUIT, TYPE F 50 FT. 611. PRECAST REINFORCED CONCRETE OUTLET 2 EACH 605 6" UNCLASSIFIED PIPE UNDER-DRAINS 50 FT.

ASPHALT SURFACE COURSE, AS PER PLAN LONGITUDINAL JOINTS (FLEXIBLE PAVEMENT)

LOCATE LONGITUDINAL JOINTS IN THE SURFACE COURSE SUBJECT TO THE FOLLOWING REQUIREMENTS:

PLACE THE MAINLINE PAVEMENT SURFACE COURSE WITH A SINGLE COLD LONGITUDINAL JOINT LOCATED BETWEEN LANES 2 AND 3. A COLD LONGITUDINAL JOINT IS PERMITTED BETWEEN THE SHOULDER AND MAINLINE PAVEMENT. NO OTHER COLD JOINTS ARE PERMITTED IN THE SURFACE COURSE OF MAINLINE PAVEMENT.

ITEM 442. ANTI-SEGREGATION

PROVIDE ANTI-SEGREGATION EQUIPMENT FOR ALL COURSES OF UNIFORM THICKNESS IN ACCORDANCE WITH CMS 401.12.

ITEM 622. CONCRETE BARRIER. END ANCHORAGE. REINFORCED, TYPE CI, AS PER PLAN

REINFORCED END ANCHORAGE LENGTH WILL BE EXTENDED FROM INLET EXPANSION JOINT TO INLET EXPANSION JOINT FOR INLETS WITH LESS THAN 30 FEET CLEAR. ALL OTHER DETAILS OF THE REINFORCED END ANCHORAGES WILL BE PFR RPM-4.3

PROJECT STANDARD OPERATING PROCEDURE FOR SUBGRADE TRFATMENT

CHEMICAL STABILIZATION OF SUBGRADE SHALL NOT BE PERFORMED WITHIN HIGH SULFATE SOILS WITHOUT THE APPROVAL BY THE ENGINEER AND CONSULTING THE DISTRICT GEOTECHNICAL ENGINEER.

SULFATE READINGS ENCOUNTERED DURING THE SUPPLEMENT 1120 MIXTURE DESIGN TESTING THAT ARE ABOVE 5000PPM ARE CONSIDERED "HIGH".

AREAS NOT BEING CHEMICALLY STABILIZED SHALL BE TREATED ACCORDING TO ITEM 204 EXCAVATION OF SUBGRADE, 12" DEEP. ITEM 204 GEOTEXTILE FABRIC, ITEM 204 12" GRANULAR MATERIAL, TYPE B AND ITEM 204 SUBGRADE COMPACTION AND PROOF ROLLING.

ITEM 206 - MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS, AS PER PLAN

ALL SAMPLING AND TESTING FOR ITEM 206 MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS SHALL BE PERFORMED ACCORDING TO CMS ITEM 206 AND SUPPLEMENT 1120 EXCEPT AS SPECIFIED BY THE FOLLOWING NOTES.

ALL SAMPLING AND TESTING OF ITEM 206 MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS FOR THE PROJECT SHALL BE COMPLETED PRIOR TO TRAFFIC SHIFTING INTO PHASE 1.

SAMPLING AND TESTING SHALL BE IN ACCORDANCE WITH ODOT SUPPLEMENT 1120 AND AS SPECIFIED HEREIN. A MINIMUM OF ONE SOIL SAMPLE FOR EVERY 5000 SQUARE YARDS OF PROPOSED CHEMICALLY STABILIZED SUBGRADE AREA, BUT NOT LESS THAN A TOTAL OF FOUR (4) SOIL SAMPLES FOR EACH CONSTRUCTION PHASE OF THE PROJECT SHALL BE PERFORMED.

IF ADDITIONAL HIGH SULFATE CONTENTS ARE ENCOUNTERED DURING THE ITEM 206 MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS, THEN CONTACT THE DISTRICT GEOTECHNICAL ENGINEER IMMEDIATELY.

ITEM 619, FIELD OFFICE, TYPE C, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS PROVIDED IN CMS FOR THE TYPE OF FIELD OFFICE SPECIFIED, PROVIDE THE FOLLOWING ITEMS.

- 1. FOR EACH TELEPHONE AND/OR COMPUTER STATION SPECIFIED, PROVIDE ALL ETHERNET WIRING NECESSARY TO CONNECT THE PHONE AND/OR COMPUTER AND MULTI-FUNCTION COPIER TO THE INTERNET COMPANY SYSTEM.
- 2. PROVIDE A BROADBAND INTERNET CONNECTION CAPABLE OF MINIMUM DOWNLOAD SPEEDS AS FOLLOWS: 30 MBPS DOWNLOAD 5 MBPS UPLOAD - NETWORK LATENCY LESS THAN 50 MILLISECONDS. IF SPEEDS ARE NOT AVAILABLE THROUGH AN INDIVIDUAL OR SINGULAR CIRCUIT, PROVIDE THE HIGHEST SPEED AVAILABLE IN THE AREA AND INSTALL MULTIPLE CIRCUITS TO ACHIEVE THE SPECIFIED SPEEDS. WHEN MULTIPLE BROADBAND SERVICES ARE AVAILABLE. THE FOLLOWING IS THE DESCENDING ORDER OF PRECEDENCE: CABLE, DSL, CELLULAR, AND WIRELESS RADIO (SATELLITE COMMUNICATION IS NOT COMPATIBLE WITH ODOT VPN CONNECTION AND WILL NOT BE ACCEPTED). SUPPLY MODEMS CAPABLE OF BEING CONFIGURED IN BRIDGE MODE. IF A CELLULAR NETWORK IS USED, PROVIDE THE CELLULAR EQUIPMENT, INCLUDING SOFTWARE AND ROUTER EQUIPMENT TO CONNECT TO THE ODOT PROVIDED CISCO ASA 5505 FIREWALL. SUPPLY ODOT WITH ALL DOCUMENTATION FOR THE BROADBAND CIRCUIT INCLUDING ALL USERNAME/USER IDS, PASSWORDS AND ACCOUNT INFORMATION. VERIFY THAT THE BROADBAND INTERNET CONNECTION IS ACTIVE AND WORKING AS SPECIFIED. ODOT IT PERSONNEL WILL CONFIRM THAT BANDWIDTH AND NETWORK LATENCY ARE COMPLIANT WITH THE REQUIRED FIELD OFFICE SPECIFICATIONS. ALL FIELD OFFICE INTERNET CONNECTIONS ARE FOR ODOT USE ONLY.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 1:

ALL REPAIR AREAS ARE TO BE DETERMINED BY THE PROJECT ENGINEER BEFORE THE BEGINNING OF THE WORK. THE REPAIR AREAS SHALL BE OF VARYING LENGTH AND HAVE AN AVERAGE WIDTH OF NOT LESS THAN 2 FEET. THE AVERAGE DEPTH OF REPAIRS SHALL BE 2.0 INCHES AS DETAILED ON THIS SHEET.

REPAIR AREAS SHALL BE REFILLED WITH 2.0 INCHES OF ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448). GREAT CARE SHALL BE TAKEN TO MAINTAIN THE EXISTING PAVEMENT CROSS SLOPE (CROWN) AS WELL AS ALL LONGITUDINAL SLOPES. NO MORE PARTIAL DEPTH PAVEMENT REPAIR SHALL BE STARTED AND PERFORMED THAN CAN BE COMPLETED IN THE SAME WORKING DAY.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

251, PARTIAL DERTH PAVEMENT REPAIR (442), AS PER PLAN, TYPF 1 150 SY

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN. TYPE 2:

ALL REPAIR AREAS ARE TO BE DETERMINED BY THE PROJECT ENGINEER BEFORE THE BEGINNING OF THE WORK. THE REPAIR AREAS SHALL BE OF VARYING LENGTH AND HAVE AN AVERAGE WIDTH OF NOT LESS THAN 4 FEET. THE AVERAGE DEPTH OF REPAIRS SHALL BE 3.0 INCHES AS DETAILED ON THIS SHEET.

REPAIR AREAS SHALL BE REFILLED WITH 3.0 INCHES OF ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (2 LIFTS). GREAT CARE SHALL BE TAKEN TO MAINTAIN THE EXISTING PAVEMENT CROSS SLOPE (CROWN) AS WELL AS ALL LONGITUDINAL SLOPES. NO MORE PARTIAL DEPTH PAVEMENT REPAIR SHALL BE STARTED AND PERFORMED THAN CAN BE COMPLETED IN THE SAME WORKING DAY.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

251, PARTIAL DERTH PAVEMENT RERAIR (442), AS PER PLAN, TYPF 2 600 SY

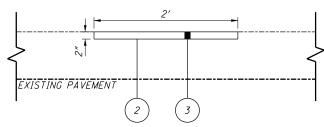
ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 3:

ALL REPAIR AREAS ARE TO BE DETERMINED BY THE PROJECT ENGINEER BEFORE THE BEGINNING OF THE WORK. THE REPAIR AREAS SHALL BE OF VARYING LENGTH AND HAVE AN AVERAGE WIDTH OF NOT LESS THAN 6 FEET. THE AVERAGE DEPTH OF REPAIRS SHALL BE 6.0 INCHES AS DETAILED ON THIS SHEET.

REPAIR AREAS SHALL BE REFILLED WITH 1.5 INCHES OF ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) AND 4.5 INCHES OF ITEM 301 - ASPHALT CONCRETE BASE. GREAT CARE SHALL BE TAKEN TO MAINTAIN THE EXISTING PAVEMENT CROSS SLOPE (CROWN) AS WELL AS ALL LONGITUDINAL SLOPES. NO MORE PARTIAL DEPTH PAVEMENT REPAIR SHALL BE STARTED AND PERFORMED THAN CAN BE COMPLETED IN THE SAME WORKING DAY.

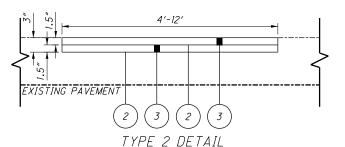
THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

251, PARTIAL DERTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 3 3000 SY

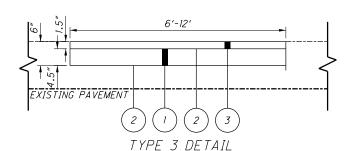


TYPE 1 DETAIL

PARTIAL DEPTH PAVEMENT REPAIR (442). AS PER PLAN TYPE 1 FOR MORE INFORMATION REGARDING ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN TYPE 1, SEE NOTE TO THE LEFT.



PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN TYPE 2 FOR MORE INFORMATION REGARDING ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN TYPE 2, SEE NOTE TO THE LEFT.



PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN TYPE 3 FOR MORE INFORMATION REGARDING ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN TYPE 3, SEE NOTE TO THE LEFT.

LEGEND:

- ITEM 301 ASPHALT CONCRETE BASE, PG64-22
- ITEM 407 NON-TRACKING TACK COAT (RATE PER CMS TABLE 407.06-1)
- ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM. TYPE A (448)

- USE A MAXIMUM F/A RATIO OF 1.4
- MINIMUM TSR IS 0.70 AS DETERMINED USING SUPPLEMENT 1051. ADD ANTISTRIP ADDITIVE AS SPECIFIED IN 441.04 IF REQUIRED BASED ON TSR.

NOTIFICATION:

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NOTIFY ERIC BIEHL AT 614-275-1380 AND JULIE MILLER AT 614-466-3165 ONE WEEK PRIOR TO PLANNED BEGINNING PRODUCTION AND PLACEMENT.

QUALITY CONTROL AND ACCEPTANCE: FOLLOW THE REQUIREMENTS OF 403 USING 446 ACCEPTANCE EXCEPT AS MODIFIED BELOW:

- REPLACE MSG COMPARISON IN TABLE 403.06-1 WITH 0.015.

THE REQUIREMENTS OF 441.09 AND 441.10 APPLY. EXCEPT AS

- MODIFIED BELOW:
 MAINTAIN THE F/A RATIO LESS THAN 1.4.
- IF THE F/A RATIO IS GREATER THAN 1.2, RECALCULATE THE F/A RATIO USING THE EFFECTIVE ASPHALT BINDER CONTENT AND ENSURE THE RECALCULATED F/A RATIO IS LESS THAN 1.4.
- COMPACT AIR VOIDS SPECIMENS USING A SIX-INCH MARSHALL HAMMER WITH 70 BLOWS ON EACH SIDE ACCORDING TO 302.02. OUT-OF-SPECIFICATION LIMITS FOR AIR VOIDS IS 2.5 TO 5.5 PERCENT (DESIGN AIR VOIDS OF 4.0 PERCENT).
- FOR INFORMATION PURPOSES ONLY: COMPACT THREE SPECIMENS USING THE SUPERPAVE GYRATORY AT 50 GYRATIONS AND THREE AT 65 GYRATIONS FOR THE FIRST FIVE PRODUCTION DAYS AND FOR PRODUCTION DAYS IO, 20, 30, AND SO ON THAT ARE SAMPLED WITH A OC OR VA SAMPLE. IF THE PRODUCTION DAY IS SMALL QUANTITY, USE THE FOLLOWING PRODUCTION DAY. USE THE SAME SAMPLE FOR BOTH GYRATORY LEVELS AS WELL AS THE OC AIR VOID SAMPLES. PROPERLY LABEL EACH WITH GYRATORY LEVEL AND LOT SPLIT SAMPLE ID AND SET ASIDE FOR DISTRICT TESTING TO TAKE POSSESSION. DO NOT DISPOSE OF SPECIMENS.

DENSITY ACCEPTANCE:

FOLLOW THE REQUIREMENTS OF 446 ASPHALT CONCRETE CORE DENSITY ACCEPTANCE, INCLUDING JOINT CORES, EXCEPT AS MODIFIED BELOW:

- OBTAIN 6-INCH DIAMETER CORES ON EACH LIFT PLACED.
- OBTAIN JOINT CORES AT COLD LONGITUDINAL JOINTS SUCH THAT THE CORE $\%_{32}$ S CLOSEST EDGE IS 6 INCHES (152 MM) FROM THE EDGE OF THE MAT.
- PAY FACTORS FOR EACH LIFT OF 302 AS PER PLAN WILL BE AS SPECIFIED IN THE FOLLOWING TABLE.

302 ASPHALT CONCRETE BASE, AS PER PLAN (CONTINUED)

MEAN OF LOT CORE DENSITY [1]	PAY FACTOR
	302, AS PER PLAN
>98.0%	[2]
>97.0% TO 98.0%	[3]
92.0% TO 97.0%	1.00
91.0% TO 91.9%	0.90
90.0% TO 90.9%	0.80
89.0% TO 89.9%	0.70
<89.0%	[4]
1	

- [1] MEAN OF CORES AS PERCENT OF AVERAGE MSG FOR THE PRODUCTION DAY.
- [2] THE DISTRICT WILL DETERMINE WHETHER THE MATERIAL MAY REMAIN IN PLACE. THE PAY FACTOR FOR MATERIAL ALLOWED TO REMAIN IN PLACE IS 0.50.
- [3] THE DISTRICT WILL DETERMINE WHETHER THE MATERIAL MAY REMAIN IN PLACE. THE PAY FACTOR FOR MATERIAL ALLOWED TO REMAIN IN PLACE IS 0.70.
- [4] THE DISTRICT WILL DETERMINE WHETHER THE MATERIAL MAY REMAIN IN PLACE. THE PAY FACTOR FOR MATERIAL ALLOWED TO REMAIN IN PLACE IS 0.50.

IF MATERIAL IS REMOVED AND REPLACED, REMOVE AND REPLACE THE FULL LIFT AND ALL COURSES PAVED ON THE LIFT.

ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 12.5" CLASS OC MS WITH OC/OA

THIS ITEM CONSISTS OF CONSTRUCTING 12.5"

NON-REINFORCED CONCRETE PAVEMENT, CLASS OC MS WITH

OC/OA PER CMS 452. THIS ITEM SHALL BE USED FOR THE

RAMP PAVEMENT CONSTRUCTED DURING THE WEEKEND

CLOSURE DETAILED ON SHEET 262 AND THE TWO WEEKEND

CLOSURES DETAILED ON SHEET 319.

CALCULATE DCB CHECKED

GENERAL NOTES

RA-71-0.00

				SHEET	NUM.					PART.		ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET	
3	400	402	1103	ASPH CALC	CONC CALC	RAMP CALC			01/IMS/PV	02/NHS/PV 03/IMS/BR	04/IMS/BR		EXT	TOTAL	UNII	DESCRIPTION	NO.	CALCU
									~~							PAVEMENT		\exists
0								(,	150			251	01021	150	SY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 1	13	\dashv
00 4	/ 							1 (600			251	01021	600	SY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 2	13	\dashv
00)							+	3,000)		251	01021	3,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, TYPE 3	13	\exists
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						3,8/1			3,871			304	20000	3,871	CY	AGGREGATE BASE		\neg
					(18,610			18,610			482	15060	18,610	V SK	1255" NON-YEINYORGED GONGRENY PAVEMYNT, CLASS GC NY WINTH DC/OA	$\uparrow \sim$	eg
						3,291			3,291			452	19200	3,291	SY	NON-REINFORCED CONCRETE PAVEMENT, MISC.:12.5" CLASS QC MS WITH QC/QA	13A	
	350											1609	\$45 %	<u> </u>	しはく	CURBATYPE 426 COLOR OF THE PROPERTY OF THE PRO		フ
																PAVEMENT OPTIONS ASPHALT OPTION		_
				43,290					43,290			254	01000	43,290	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" THICK)		-
				108,694					72,825	35,869		302	46001	108,694	CY	ASPHALT CONCRETE BASE, AS PER PLAN	13A	_
				60,969					40,849	20,120		304	20000	60,969	CY	AGGREGATE BASE	1	_
				63,362					42,241	21,121		407	20000	63,362	GAL	NON-TRACKING TACK COAT		
				31,730					21,259	10,471		442	00100	31,730	CY	ANTI-SEGREGATION EQUIPMENT		
				16,977					11,375	5,602		442	10100	16,977	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		
				16,360					10,907	5,453		442	10301	16,360	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN	13	
		19.58							13.12	6.46		618	40600	19.58	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)		
		400							264	136		618	40200	400	FT	RUMBLE STRIPS, SHOULDER (CONCRETE)		
													_			CONCRETE OPTION		
					32,208				32,208			254	01000	32,208	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" THICK)		
					11,083				7,389	3,694		254	01010	11,083	SY	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1.5" THICK)		
					59,389				39,791	19,598		304	20000	59,389	CY	AGGREGATE BASE		_
					4,511				3,007	1,504		407	20000	4,511	GAL	NON-TRACKING TACK COAT		
					8				5	3		442	10100	8	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		_
					1,354				903	451		442	10300	1,354	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)		_
-					349,075				233,880	115,195		452	16060	349,075	SY	13.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	+	-
		19.66			3 10,010				12.98	6.68		618	40700	19.66	MILE	RUMBLE STRIPS, SHOULDER (CONCRETE)	1	-
		10.00			11,083				7,389	3,694		848	90000	11,083	SY	OVERLAY, MISC.:CONCRETE PAVEMENT CLASS QC 1P WITH QC/QA		
					,				,	.,				,		,		
																LIGHTING		
			12						12			625	00450	12	EACH	CONNECTION, FUSED PULL APART		_
			21						21			625	00480	21	EACH	CONNECTION, UNFUSED PERMANENT		_
			6						6			625	10490	6		LIGHT POLE, CONVENTIONAL, AT15B35		_
			4						4			625	13200	4	EACH	LIGHT TOWER, BBBB100	-	_
			6						6			625	14000	6	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP		
-			4						4			625	15200	4	EACH	LIGHT TOWER FOUNDATION, 36" X 25' DEEP		_
			7,191						7,191			625	23200	7,191	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE		_
			696						696			625	23400	696	FT	NO. 10 AWG POLE AND BRACKET CABLE		_
			2,768						2,768			625	24320	2,768	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES		
			1,417						1,417			625	25400	1,417	FT	CONDUIT, 2", 725.04		
			·															
			257						257			625	25401	257	FT	CONDUIT, 2", 725.04, AS PER PLAN	1101	
			389						389			625	25500	389	FT	CONDUIT, 3", 725.04		
			166						166			625	25902	166	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"		
			6					1	6			625	26253	6	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 480V	1101	
\perp			16					1	16			625	26263	16	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN, 480V	1101	_
\perp			2					-				COF	07507		EACH	LINANAIDE INDEDDACC COLID CTATE (LED), AC DED DI AN ARRAY	1101	
			2 2 2 2 2 2					-	2 4,299			625 625	27503	1 200	EACH FT	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 480V TRENCH	1101	
+			4,299 4						4,299			625	29000 29920	4,299 4	EACH	STRUCTURE JUNCTION BOX		_
+			8						8			625	30700	8	EACH	PULL BOX, 725.08, 18"		_
\dashv			2						2			625	30706	2	EACH	PULL BOX, 725.08, 24"		_
-												1	30.00		28011	. 522 55, 120100, 21		_
			14						14		1	625	32000	14	EACH	GROUND ROD		_
			1						1			625	33000	1	EACH	STRUCTURE GROUNDING SYSTEM		
			1						1			625	34001	1	EACH	POWER SERVICE, AS PER PLAN	1101	
			4,299						4,299			625	36000	4,299	FT	PLASTIC CAUTION TAPE		
			LS						LS			625	37001	LS		SERVICE TO UNDERPASS LIGHTING, AS PER PLAN	1101	_
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