

UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

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.

PROFILE AND ALIGNMENT

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

BARRIER REFLECTORS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS DIRECTED BY THE ENGINEER FOR INSTALLING/REPLACING BARRIER REFLECTORS ON ALL EXISTING BARRIER RUNS WITHIN THE PROJECT LIMITS.

- 202, REMOVAL MISC.: BARRIER REFLECTOR, 203 EACH
- 626, BARRIER REFLECTOR, TYPE 1 (ONE-WAY), 124 EACH
- 626, BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL), 12 EACH
- 626, BARRIER REFLECTOR, TYPE 2 (ONE-WAY), 203 EACH

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT SHALL BE AS FOLLOWS:

ROUTE	S.L.M. TO S.L.M.	LANE WIDTH
US 422	2.05 TO 8.54	12'
SR 5	6.43 TO 8.11	12'

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS HAVE BEEN SUPPLIED AS REFERENCE DOCUMENTS FOR THIS PROJECT AND ARE AVAILABLE ON THE ODOT FTP SITE AT <https://ftp.dot.state.oh.us/pub/contracts/Attach/FOR THIS PROJECT>. FOR ANY LOCATIONS THAT PAVEMENT MARKING DETAILS HAVE NOT BEEN MADE AVAILABLE TO THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PUT BACK NEW PAVEMENT MARKINGS IN THE ORIGINAL LOCATIONS.

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

ASPHALT PAVING LIMITATION

THE CONTRACTOR SHALL NOT ANTICIPATE OR SCHEDULE PLACING ASPHALT (ASPHALT SURFACE COURSE, ASPHALT INTERMEDIATE COURSE, ASPHALT CONCRETE BASE, ETC.) BETWEEN NOVEMBER 1 AND APRIL 1 WHEN SUBMITTING THEIR INITIAL BAR CHART PROGRESS SCHEDULE TO THE DISTRICT CONSTRUCTION ENGINEER (DCE) AS SPECIFIED IN CMS SECTION 108.02A. THIS LIMITATION SHALL ALSO INCLUDE INITIAL BASE LINE SCHEDULES AND ALL UPDATES IF A CPM SCHEDULE IS REQUIRED.

DRIVEWAYS

THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE A DIFFERENCE IN ELEVATION BETWEEN THE MAINLINE ASPHALT SURFACE COURSE AND THE EXISTING DRIVEWAYS. IF APPROVED BY THE ENGINEER, AN ASPHALT WEDGE WITH A MINIMUM WIDTH OF 2' MAY BE PLACED EITHER ON THE ROADWAY SHOULDER OR DRIVEWAY DEPENDENT UPON WHICH SIDE IS HIGH. A QUANTITY OF MAINLINE SURFACE COURSE ASPHALT HAS BEEN PROVIDED IN THE CALCULATIONS AND GENERAL SUMMARY TO PERFORM THIS ITEM OF WORK.

IN THE EVENT THAT THE ENGINEER DETERMINES ADDITIONAL WORK IS NECESSARY TO PROPERLY ADDRESS FIELD CONDITIONS, AN ITEM FOR WEARING COURSE REMOVED HAS BEEN PROVIDED. THE REMOVAL DEPTH IS DEPENDENT UPON THE ELEVATION DIFFERENCE AND ALLOW FOR 1"-2" OF COMPACTED ASPHALT MATERIAL TO BE PLACED.

INTERSECTIONS

INTERSECTIONS WILL BE RESURFACED 10 FT. BEYOND THE EDGE LINE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR INDICATED IN THE PLAN. INTERSECTIONS SHALL BE PAVED AFTER COMPLETION OF THE SURFACE COURSE OR WITH THE MAINLINE PAVEMENT IF THIS CAN BE ACCOMPLISHED WITHOUT CHANGING THE VELOCITY AND DIRECTION OF THE PAVEMENT. USE THE SAME ASPHALT CONCRETE AS THE MAINLINE PAVEMENT. A BUTT JOINT, AS PER STANDARD CONSTRUCTION DRAWING BP-3.1, SHALL BE USED TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING PAVEMENT. ANY GRADING OR PRIME NECESSARY TO ACCOMPLISH THIS WORK SHALL BE INCLUDED IN THE COST OF THE ASPHALT SURFACE COURSE.

NOTE REMOVED

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN (T=2")

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

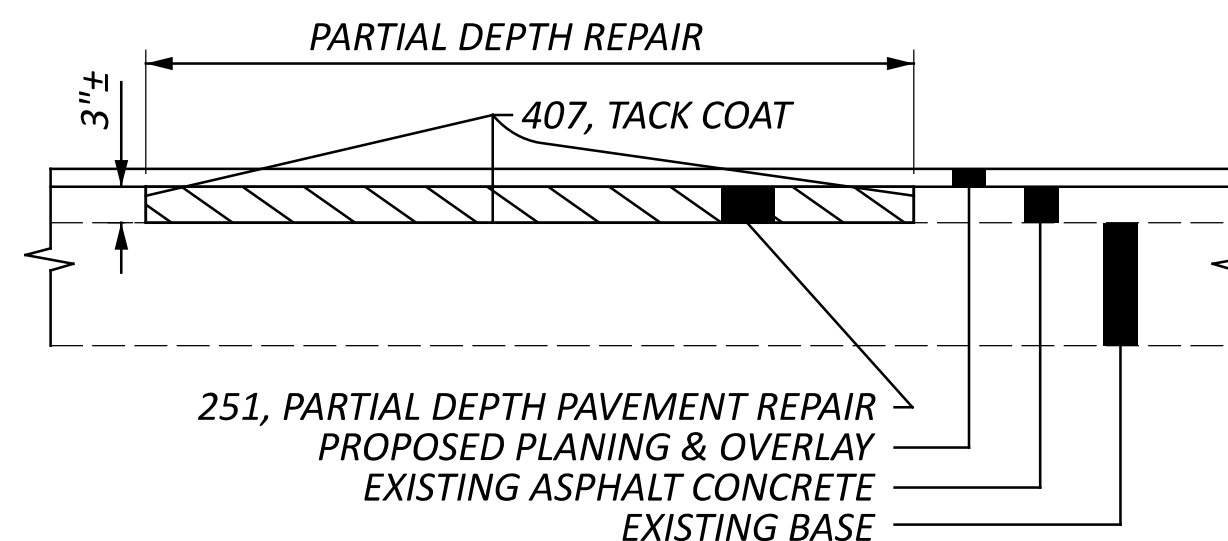
SIEVE	TOTAL PERCENT PASSING
1- 1/2"	100
3/4"	50-100
NO. 4	35-70
NO. 30	9-33
NO. 200	0-13

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441)

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 441 ASPHALT CONCRETE, TYPE 2. THE ASPHALT CONCRETE SHALL BE COMPACTED WITH A TYPE I PNEUMATIC TIRE ROLLER AND A STEEL WHEEL ROLLER AS PER 401.13. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. PAVEMENT REPAIRS WILL BE MARKED IN THE FIELD BY THE PROJECT ENGINEER ACCORDING TO CMS 251.02. MINIMUM WIDTH IS 2'. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER THE COMPLETION OF MAINLINE PAVEMENT PLANING AND PRIOR TO THE PLACEMENT OF ASPHALT ON THE MILLED SURFACE. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR.

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

- TRU US 422, SLM 5.14 TO SLM 8.85
LONGITUDINAL REPAIRS -
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 4000 SQ. YD.
TRANSVERSE REPAIRS -
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 500 SQ. YD.
- TRU SR 5, SLM 6.43 TO SLM 8.11
LONGITUDINAL REPAIRS -
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 450 SQ. YD.
TRANSVERSE REPAIRS -
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 50 SQ. YD.

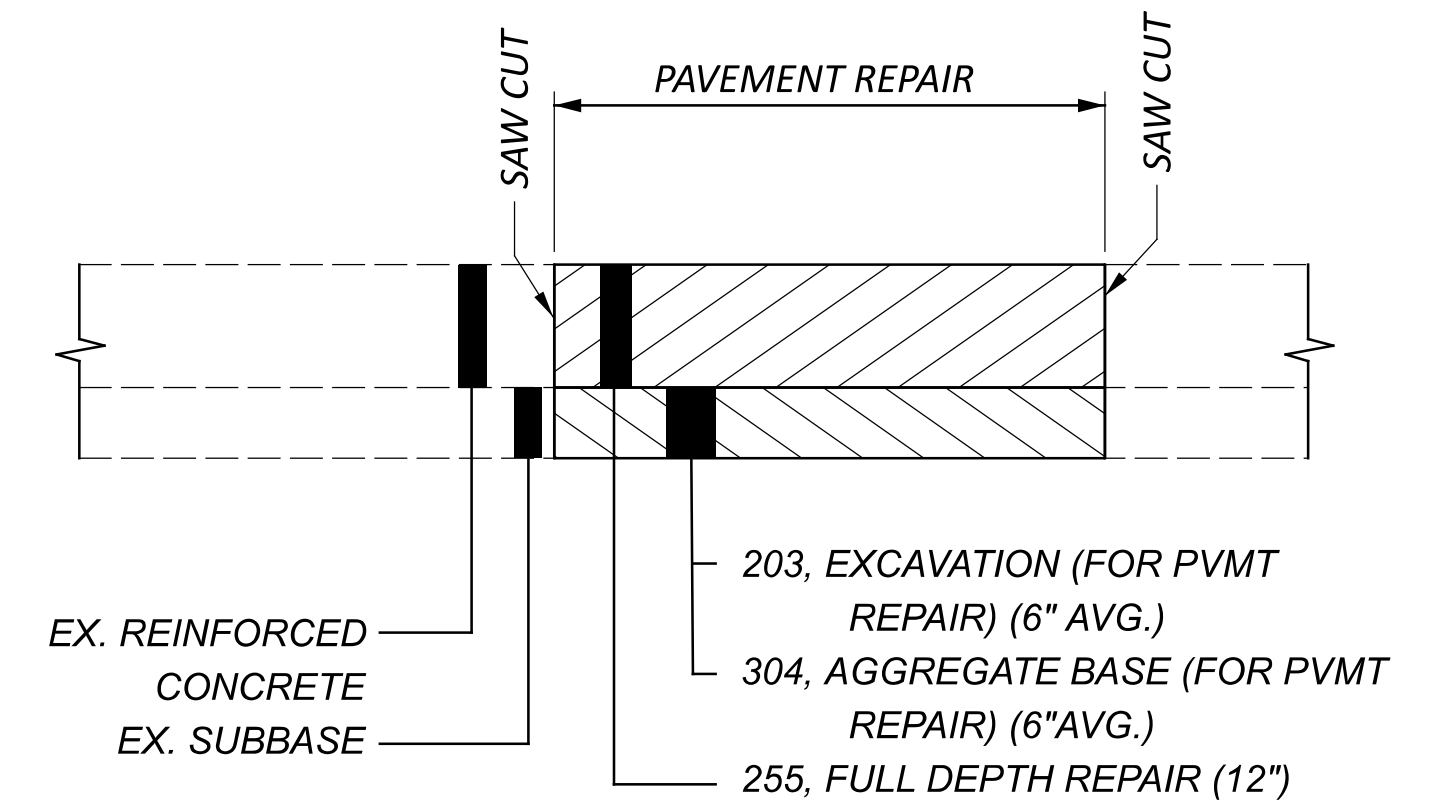


ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT; CLASS RRCM OR QC3 AS PER PLAN

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL CONSIST OF CUTTING AND REMOVING DETERIORATED PAVEMENT FULL DEPTH AND PLACING 12" CLASS QC3 CONCRETE OR CLASS RRCM CONCRETE, AS PER PLAN. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED TO THE LIMITS DESIGNATED BY THE ENGINEER. THE REPAIR LOCATIONS MUST BE DOCUMENTED FOR FUTURE REFERENCE. EXISTING ASPHALT PATCHES SHALL ALSO BE CONSIDERED AREAS THAT NEED REPAIRED. CONCRETE, CLASS RRCM, AS PER PLAN, SHALL BE USED ON TRU-422 AS DIRECTED BY THE PROJECT ENGINEER OR WHERE RESTRICTED BY THE PERMITTED LANE CLOSURE CHART.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

- TRU SR 5, SLM 6.43 TO SLM 8.11
ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT, MISC.:
CLASS RRCM OR FS, AS PER PLAN, 100 SY
ITEM 255 - FULL DEPTH PAVEMENT SAWING, 600 FT



ITEM 203 - EXCAVATION (FOR PAVEMENT REPAIR)

THIS ITEM OF WORK SHALL CONSIST OF REMOVING AND DISPOSING OF ALL UNSUITABLE MATERIAL BY EXCAVATING THE EXISTING SUBGRADE AND SUBBASE TO AN AVERAGE DEPTH OF 6 INCHES OR AS DIRECTED BY THE ENGINEER. EXACT LIMITS OF REMOVAL SHALL BE DETERMINED BY THE ENGINEER. ALL EQUIPMENT, LABOR, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

- 203, EXCAVATION (FOR PAVEMENT REPAIR) 17 CU YD


ITEM 304 - AGGREGATE BASE (FOR PAVEMENT REPAIR)

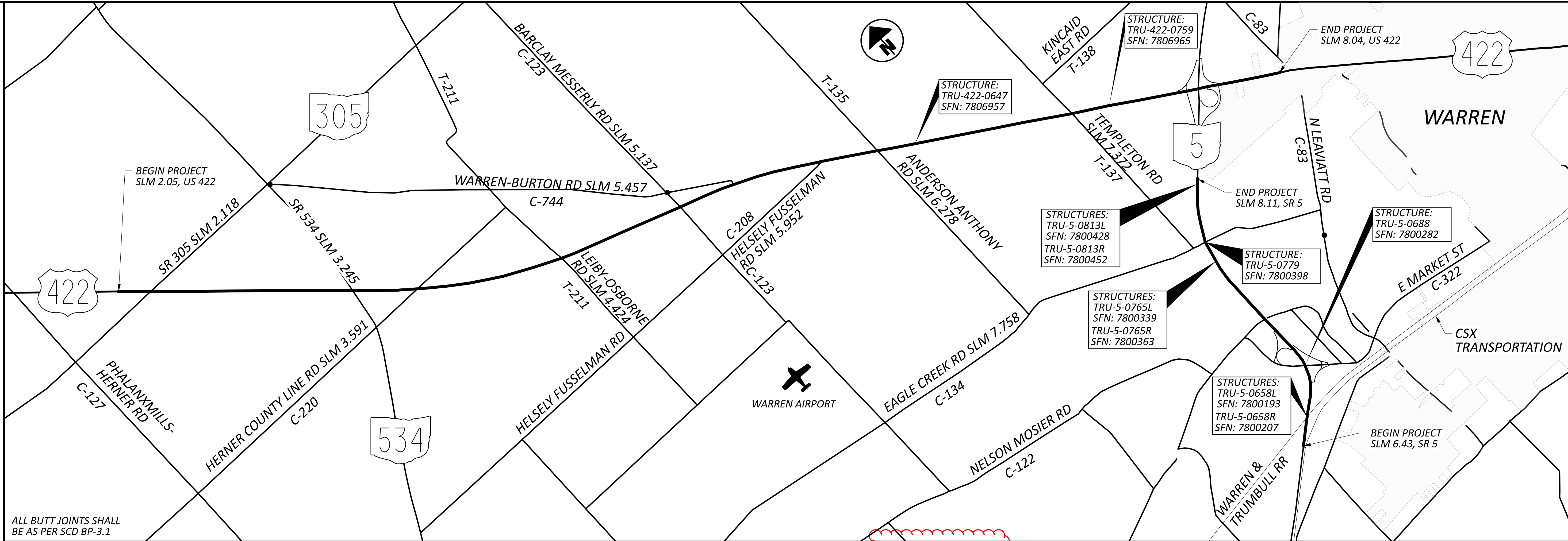
THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER TO BACKFILL AREAS WHICH WERE EXCAVATED UNDER ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

- 304, AGGREGATE BASE (FOR PAVEMENT REPAIR) 17 CU YD

SHEET NUM.										PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
5	6	8	9	13	14	15	16	17	18	01/NHS/05	02/S>2/05	03/NHS/47	04/NHS/04						
ROADWAY																			
				480						480				202	23500	480	SY	WEARING COURSE REMOVED	
203										203				202	98100	203	EACH	REMOVAL MISC.: BARRIER REFLECTOR	
17											17			203	10000	17	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
	808									642	166			209	60200	808	STA	LINEAR GRADING	
	LS									LS				SPECIAL	69021000	LS		AS-BUILT CONSTRUCTION RECORD DRAWINGS	
4										4				SPECIAL	69098000	4	EACH	SPECIAL - VERTICAL CLEARANCE	
EROSION CONTROL																			
	22,446									17,834	4,612			659	10000	22,446	SY	SEEDING AND MULCHING	
	3.5									2.5	1			659	20000	3.5	TON	COMMERCIAL FERTILIZER	
	5									4	1			659	31000	5	ACRE	LIME	
	121.5									96.5	25			659	35000	121.5	MGAL	WATER	
										3,000	3,000			832	30000	6,000	EACH	EROSION CONTROL	
PAVEMENT																			
5,000										4,500	500			251	01000	5,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
				137,456	148,736	72,812				286,192	72,812			254	01000	359,004	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")	
100											100			255	10200	100	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: CLASS RRCM OR QC3, AS PER PLAN	
600											600			255	20000	600	FT	FULL DEPTH PAVEMENT SAWING	
17											17			304	20000	17	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)	
				12,372	13,422	6,554				25,794	6,554			407	20000	32,348	GAL	NON-TRACKING TACK COAT	
				5,894	5,458	3,067				11,352	3,067			408	10001	14,419	GAL	PRIME COAT, AS PER PLAN	
				3,808	3,808	1,890				7,616	1,890			441	00100	9,506	CY	ANTI-SEGREGATION EQUIPMENT	
						3,035					3,035			441	10100	3,035	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M	
				5,728	5,620					11,348				441	10121	11,348	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PWL 2024, AS PER PLAN	
					595					595				441	70100	595	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M	
				847	847	427				1,694	427			617	10101	2,121	CY	COMPACTED AGGREGATE, AS PER PLAN	
				13	13	7				26	7			618	40600	33	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
								66.27		52.43	13.84			850	10010	66.27	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
								3,280		1,110	2,170			850	10110	3,280	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
								0.29			0.29			850	20010	0.29	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)	
TRAFFIC CONTROL																			
							1,646			1,276	370			621	00100	1,646	EACH	RPM	
							1,330			1,029	301			621	54000	1,330	EACH	RAISED PAVEMENT MARKER REMOVED	
124										124				626	00102	124	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
12										12				626	00110	12	EACH	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL)	
203										203				626	00110	203	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)	
									354			294	60	630	02100	354	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
									96			72	24	630	80100	96	SF	SIGN, FLAT SHEET	
									22			18	4	630	80100	22	SF	SIGN, FLAT SHEET, 730.20	
									18			18		630	84900	18	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
									18			18		630	86002	18	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
								60		60				646	10400	60	FT	STOP LINE	
								405		405				646	10600	405	FT	TRANSVERSE/DIAGONAL LINE	
								293		293				646	10800	293	SF	ISLAND MARKING	
								6		6				646	20300	6	EACH	LANE ARROW	
								33.48		26.36	7.12			807	12010	33.48	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"	
								32.68		25.96	6.72			807	12110	32.68	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	
								0.4		0.4				807	12200	0.4	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE	
								3,280		1,110	2,170			807	12310	3,280	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"12"	
								2,400			2,400			807	12410	2,400	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"	
									10					808	18700	10	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
CLG
 REVIEWER
MAC 11-03-23
 PROJECT ID
93126
 SHEET TOTAL
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ALL BUTT JOINTS SHALL BE AS PER SCD BP-3.1

SLM RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DXW/9	CADD GENERATED AREA	254	441	441	407	617	408	441	618		
							PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PWL 2024, AS PER PLAN (T=1.5")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M (T=1.5")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	COMPACTED AGGREGATE, AS PER PLAN (T=2")	PRIME COAT, AS PER PLAN @ 0.40 GAL/SY	ANTI-SEGREGATION EQUIPMENT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	SY	CY
TRU US 422 WB																
2.05	TO	2.20	1	RIGHT	792.00	29.00	2552.00									
2.20	TO	7.20	1	RIGHT	26400.00	35.00	102666.67									
7.20	TO	7.25	1	RIGHT	264.00	48.00	1408.00									
7.25	TO	7.26	1	RIGHT	52.80	46.00	269.87									
7.26	TO	7.76	1	RIGHT	2640.00	35.00	10266.67									
7.76	TO	7.89	2	RIGHT	686.40	49.00	3737.07									
7.89	TO	7.96	3	RIGHT	369.60	60.00	2464.00									
7.96	TO	8.04	4	RIGHT	422.40	41.00	1924.27									
8.04	TO	8.13	5	RIGHT	475.20	56.00	2956.80									
8.13	TO	8.35	4	RIGHT	1161.60	42.00	5420.80									
8.35	TO	8.54	4	RIGHT	1003.20	34.00	3789.87									
SUBTOTALS							137456.00	5727.79		12371.04	846.27	5893.62	3807.47	12.98		
TOTALS CARRIED TO GENERAL SUMMARY							137456	5728		12372	847	5894	3808	13		

PAVEMENT CALCULATIONS

DESIGN AGENCY

DESIGNER
 CLG


REVIEWER
 MAC 11-03-23

PROJECT ID
 93126

SHEET TOTAL
 P.13 22

SLM RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	254	441	441	407	617	408	441	618
									PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PVL 2024, AS PER PLAN (T=1.5")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M (T=1.5")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	COMPACTED AGGREGATE, AS PER PLAN (T=2")	PRIME COAT, AS PER PLAN @ 0.40 GAL/SY	ANTI-SEGREGATION EQUIPMENT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)
					FT	FT	SQ YD	SQ YD	SY	CY	CY	GAL	CY	GAL	CY	MILE
TRU US 422 EB																
2.05	TO	2.20	1	LEFT	792.00	27.00	2376.00		2376.00	99.01		213.84	19.56	140.66	88.00	0.30
2.20	TO	3.10	1	LEFT	4752.00	35.00	18480.00		18480.00	770.06		1663.20	117.36	843.96	528.00	1.80
3.10	TO	3.24	1	LEFT	739.20	38.00	3121.07		3121.07	130.05		280.90	18.26	131.28	82.13	0.28
3.24	TO	5.30	1	LEFT	10876.80	35.00	42298.67		42298.67	1762.59		3806.88	268.62	1931.72	1208.53	4.12
5.30	TO	5.34	1	LEFT	211.20	40.00	938.67		938.67	39.11		84.48	5.22	37.51	23.47	0.08
5.34	TO	7.20	1	LEFT	9820.80	35.00	38192.00		38192.00	1591.46		3437.28	242.54	1744.17	1091.20	3.72
7.20	TO	7.25	1	LEFT	264.00	35.00	1026.67		1026.67	42.78		92.40	6.52	23.44	29.33	0.10
7.25	TO	7.26	1	LEFT	52.80	35.00	205.33		205.33	8.56		18.48	1.30	4.69	5.87	0.02
7.26	TO	7.76	1	LEFT	2640.00	35.00	10266.67		10266.67	427.81		924.00	65.20	234.43	293.33	1.00
7.76	TO	7.89	2	LEFT	686.40	41.00	3126.93		3126.93	130.30		281.42	16.95	60.95	76.27	0.26
7.89	TO	7.96	3	LEFT	369.60	41.00	1683.73		1683.73	70.16		151.54	9.13	32.82	41.07	0.14
7.96	TO	8.04	4	LEFT	422.40	41.00	1924.27		1924.27	80.18		173.18	10.43	37.51	46.93	0.16
8.04	TO	8.13	5	LEFT	475.20	38.00	2006.40		2006.40	83.61		180.58	11.74	42.20	52.80	0.18
8.13	TO	8.35	4	LEFT	1161.60	42.00	5420.80		5420.80	225.88		487.87	28.69	103.15	129.07	0.44
8.35	TO	8.54	4	LEFT	1003.20	34.00	3789.87		3789.87	157.92		341.09	24.78	89.08	111.47	0.38
SUBTOTALS									134857.07	5619.49		12137.14	846.27	5457.58	3807.47	12.98
TOTALS CARRIED TO GENERAL SUMMARY									134858	5620		12138	847	5458	3808	13
INTERSECTIONS/DRIVEWAYS/ MEDIAN U-TURNS			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	254	441	407	617	408	441	618	
									PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M (T=1.5")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	WEARING COURSE REMOVED				
					FT	FT	SQ YD	SQ YD	SY	CY	GAL	SY	CY	MILE		
TRU US 422 INTERSECTIONS																
SR 305	N/A	N/A			20.00	100.00	222.22		222.22	9.26		20.00				
SR 3534	N/A	N/A			20.00	100.00	222.22		222.22	9.26		20.00				
HERNER COUNTY LINE RD	N/A	N/A			20.00	80.00	177.78		177.78	7.41		16.00				
LEIBY OSBORNE RD	N/A	N/A			20.00	50.00	111.11		111.11	4.63		10.00				
JANICE DR	N/A	N/A			10.00	50.00	55.56		55.56	2.32		5.00				
BARCLAY MESSERLY RD	N/A	N/A			20.00	60.00	133.33		133.33	5.56		12.00				
WARREN BURTON RD	N/A	N/A			10.00	50.00	55.56		55.56	2.32		5.00				
ANNA AVE NW	N/A	N/A			10.00	50.00	55.56		55.56	2.32		5.00				
HELSEY FUSSELMAN RD	N/A	N/A			10.00	50.00	55.56		55.56	2.32		5.00				
ANDERSON ANTHONY RD	N/A	N/A			20.00	50.00	111.11		111.11	4.63		10.00				
TEMPLETON RD	N/A	N/A			20.00	50.00	111.11		111.11	4.63		10.00				
PLEASANT PARK CT NW	N/A	N/A			10.00	45.00	50.00		50.00	2.08		4.50				
ROADSIDE DR	N/A	N/A			10.00	45.00	50.00		50.00	2.08		4.50				
ENTERPRISE DR NW	N/A	N/A			20.00	50.00	111.11		111.11	4.63		10.00				
TRU US 422 DRIVEWAYS	N/A	N/A						383.97		16.00		34.56		480.00		
TRU US 422 MEDIAN U-TURNS	N/A	N/A						12355.56	12355.56	514.86		1112.00				
SUBTOTALS									13877.78	594.29		1283.56		480.00		
TOTALS CARRIED TO GENERAL SUMMARY									13878	595		1284		480		

PAVEMENT CALCULATIONS

DESIGN AGENCY

 DESIGNER
CLG
 REVIEWER
MAC 11-03-23
 PROJECT ID
93126
 SHEET TOTAL
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