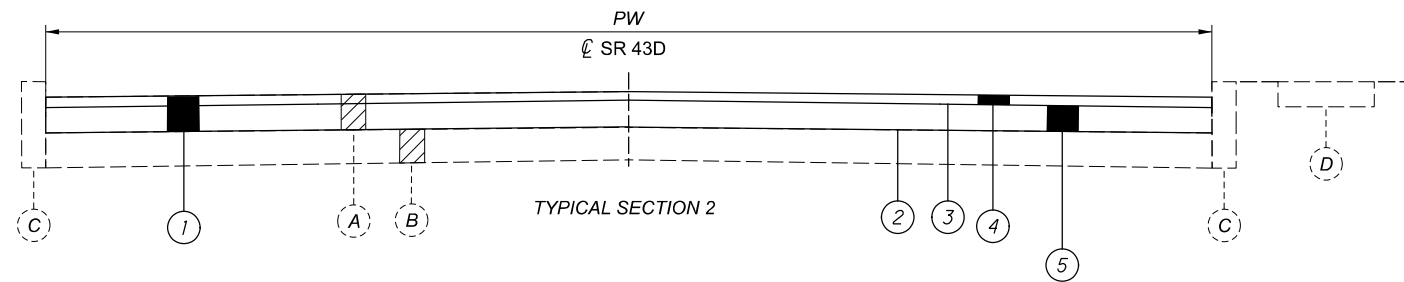


SECTION 1 APPLIES SR 43D:

ROUTE	SLM		PW (FEET)	LENGTH (MILES)
	FROM	TO		
STA-43D	0.78	0.79	24	0.01
STA-43D	0.79	1.05	30	0.26
STA-43D	1.05	1.07	24	0.02
STA-43D	1.07	1.26	30	0.19
STA-43D	1.26	1.28	36	0.02
STA-43D	1.28	1.30	56	0.02
STA-43D	1.30	1.32	34	0.02
STA-43D	1.32	1.33	56	0.01
STA-43D	1.33	1.35	48	0.02
STA-43D	1.35	1.37	34	0.02
STA-43D	1.37	1.38	54	0.01
STA-43D	1.38	1.40	34	0.02
STA-43D	1.40	1.42	56	0.02
STA-43D	1.42	1.44	48	0.02
STA-43D	1.44	1.45	36	0.01
STA-43D	1.45	1.47	54	0.02
STA-43D	1.49	1.52	52	0.03
STA-43D	1.52	1.53	34	0.01
STA-43D	1.53	1.54	40	0.01
STA-43D	1.54	1.57	50	0.03

SECTION 1 APPLIES SR 172:

ROUTE	SLM		PW (FEET)	LENGTH (MILES)
	FROM	TO		
STA-172	15.55	15.56	36	0.01
STA-172	15.57	16.58	36	1.01



SECTION 2 APPLIES SR 43D:

ROUTE	SLM		PW (FEET)	LENGTH (MILES)
	FROM	TO		
STA-43D	1.57	1.59	30	0.02
STA-43D	1.59	1.70	28	0.11

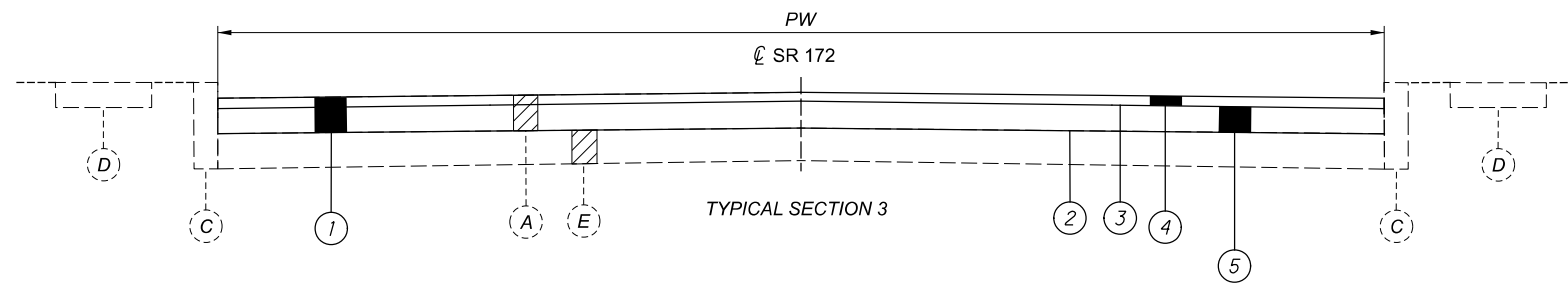
LEGEND

- 1 ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, (T = VARIABLE DEPTH 2 1/2" +/- 1/2")
- 2 ITEM 407, TACK COAT, 702.13 @ 0.09 GAL/SY
- 3 ITEM 407, NON-TRACKING TACK COAT @ 0.06 GAL/SY
- 4 ITEM 424, FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN (T = 3/4") (ADTT < 1500)
- 5 ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (T = 1 1/4")
- A EXISTING ASPHALT SURFACE (T = 2")
- B EXISTING BRICK BASE
- C EXISTING CURB
- D EXISTING SIDEWALK
- E EXISTING CONCRETE BASE
- F EXISTING ASPHALT BASE

adjusted planing depth

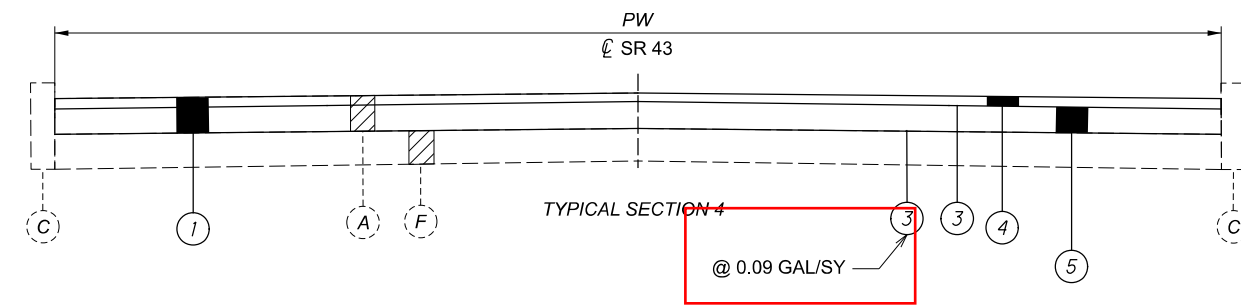
adjusted tack coat type





SECTION 3 APPLIES SR 172:

ROUTE	SLM		PW (FEET)	LENGTH (MILES)
	FROM	TO		
STA-172	13.61	13.64	58	0.03
STA-172	13.64	13.74	53	0.10
STA-172	13.74	13.79	58	0.05
STA-172	13.82	14.27	58	0.45
STA-172	14.29	14.36	58	0.07
STA-172	14.38	14.46	58	0.08
STA-172	14.48	14.56	51	0.08
STA-172	14.58	14.65	51	0.07
STA-172	14.69	14.75	51	0.06
STA-172	14.77	14.85	51	0.08



SECTION 4 APPLIES SR 43:

ROUTE	SLM		PW (FEET)	LENGTH (MILES)
	FROM	TO		
STA-43	12.70	12.73	28	0.03

LEGEND

- 1 ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE AS PER PLAN, (T = VARIABLE DEPTH 2 1/2" +/- 1/2")
- 2 ITEM 407, TACK COAT, 702.13 @ 0.09 GAL/SY
- 3 ITEM 407, NON-TRACKING TACK COAT @ 0.06 GAL/SY
- 4 ITEM 424, FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN (T = 3/4") (ADTT < 1500)
- 5 ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (T = 1 1/4")
- A EXISTING ASPHALT SURFACE (T = 2")
- B EXISTING BRICK BASE
- C EXISTING CURB
- D EXISTING SIDEWALK
- E EXISTING CONCRETE BASE
- F EXISTING ASPHALT BASE

adjusted planing depth

adjusted tack coat type

DESIGN AGENCY



DESIGNER

JAR

REVIEWER

MJA 3-22-22

PROJECT ID

102743

SHEET

P.3

TOTAL

23

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.

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT SHALL BE AS FOLLOWS [AT LEAST 3 DAYS PRIOR TO PERFORMING THE WORK CONTACT THE TRAFFIC OFFICE AT 330-786-3147 TO CONFIRM THE WIDTHS]:

ROUTE	S.L.M. TO S.L.M.	LANE WIDTH
S.R. 43D	0.78 TO 1.26	10'
S.R. 43D	1.26 TO 1.57	12'
S.R. 43D	1.57 TO 1.70	14'
S.R. 43	12.70 TO 12.73	14'
S.R. 172	13.61 TO 13.74	11'
S.R. 172	13.74 TO 14.48	12'
S.R. 172	14.48 TO 14.58	10'
S.R. 172	14.58 TO 14.86	11'
S.R. 172	15.55 TO 16.58	18'

adjusted quantities

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS WILL BE SUPPLIED TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING. 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.

PAVING AT RAILROAD CROSSING

WORK THE CROWN OUT OF THE PROPOSED PAVEMENT ON EACH SIDE OF THE RAILROAD CROSSING, BEGINNING 50 FEET FROM THE NEAREST RAIL, BY RAISING THE EDGES OF THE NEW PAVEMENT TO MEET THE PLATFORM ELEVATION.

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN

703.05 DO NOT USE ANY AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

CURB RAMPS / DETECTABLE WARNINGS

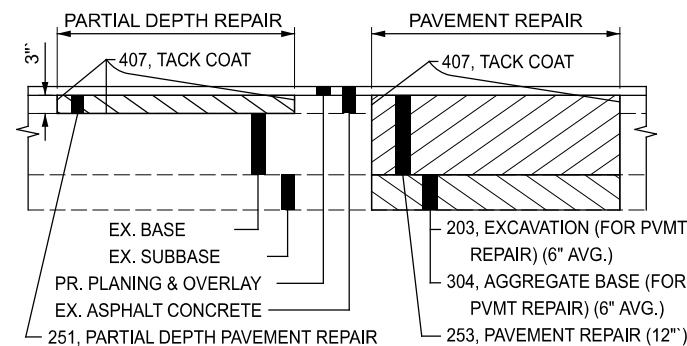
UNLESS OTHERWISE DIRECTED BY THE ENGINEER, INSTALLATION OF THE CURB RAMPS / DETECTABLE WARNINGS WILL BE PERFORMED PRIOR TO MAINLINE RESURFACING.

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:

- STA SR-43 & STA SR-43D:
-ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), 375 SY
- STA SR-172:
-ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), 875 SY



ITEM 253 - PAVEMENT REPAIR

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" 301 ASPHALT CONCRETE BASE, PG64-22. THE MAXIMUM COMPACTED DEPTH OF ANY ONE LAYER SHALL BE 6 INCHES. 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. 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 FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

- STA SR-43 & STA SR-43D:
-ITEM 252 - FULL DEPTH SAW CUTTING, 270 FT
-ITEM 253 - PAVEMENT REPAIR, 45 SY
- STA SR-172:
-ITEM 252 - FULL DEPTH SAW CUTTING, 630 FT
-ITEM 253 - PAVEMENT REPAIR, 105 SY

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:

- ITEM 304 - AGGREGATE BASE (FOR PAVEMENT REPAIR) 25 CU YD

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.

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN

THIS ITEM OF WORK SHALL BE PERFORMED IN CONFORMANCE WITH ITEM 254 IN THE CMS EXCEPT THE DEPTH SHALL VARY FROM 2" TO THE TOP OF THE BRICK WHICHEVER IS FIRST. THIS WORK SHALL BE PERFORMED SO THAT THE BRICK BASE IS NOT DISTURBED. ALL EQUIPMENT, LABOR, TOOLS, AND OTHER INCIDENTALS REQUIRED TO PERFORM THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN.

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. A BUTT JOINT, AS PER STANDARD CONSTRUCTION DRAWING BP-3.1, SHALL BE USED TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING PAVEMENT. USE THE SAME ASPHALT CONCRETE AS THE MAINLINE PAVEMENT UNLESS SHOWN OTHERWISE ON THE ASPHALT CONCRETE CALCULATIONS SHEET. ANY GRADING OR PRIME NECESSARY TO ACCOMPLISH THIS WORK SHALL BE INCLUDED IN THE COST OF THE PERTINENT BID ITEM.

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:
 -ITEM 203 - EXCAVATION (FOR PAVEMENT REPAIR) 25 CU YD

CATCH BASIN RECONSTRUCTED TO GRADE

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR RECONSTRUCTING CATCH BASINS TO GRADE.

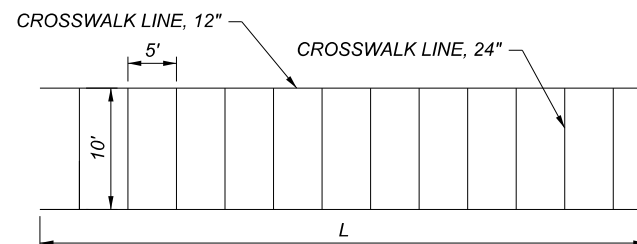
EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF REQUIRED TYPE, SIZE AND STRENGTH. ENSURE ALL MATERIAL MEETS CMS ITEM 611 AND HAS PRIOR APPROVAL OF THE ENGINEER.

- ITEM 611 - CATCH BASIN RECONSTRUCTED TO GRADE, 7 EACH
- ITEM SPECIAL - MISCELLANEOUS METAL, 350 LB

ITEM 646 CROSSWALK LINE

THE CONTRACTOR SHALL REPAINT THE CROSSWALKS WHICH INTERCEPT SR 172 & SR 43D PER THE BELOW DETAIL AFTER PAVING.

ALL CROSSWALK LINES SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. QUANTITIES FOR THIS TYPE OF CROSSWALK CAN BE FOUND IN THE PAVEMENT MARKINGS SECTION (P.22 - P.23) THESE QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.



- ITEM 611 - MANHOLE ADJUSTED TO GRADE, AS PER PLAN
- ITEM 623 - MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN
- ITEM 638 - VALVE BOX ADJUSTED TO GRADE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 611.10.D FOR MANHOLES, 623.05 FOR MONUMENT BOXES, OR 638.18 FOR VALVE BOXES, THE CONTRACTOR WILL MAKE A CLEAN CIRCULAR CUT AROUND THE CASTING (48" DIAMETER FOR STORM AND SANITARY MANHOLE CASTINGS. 24"-28" FOR VALVE AND MONUMENT BOXES, AND 2' IN DIAMETER LARGER THAN THE CASTING DIAMETER FOR ANY CASTINGS THAT ARE LARGER THAN STANDARD MANHOLES SUCH AS TELECOMMUNICATION MANHOLE CASTINGS) AND REMOVE AND DISCARD THE EXISTING CASTING. INSTALL A NEW CASTING TO GRADE (ACCORDING TO TOLERANCES AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1) AFTER THE PAVEMENT SURFACE COURSE HAS BEEN REPLACED.

CMS 499 CLASS QCMS CONCRETE (DYE THE CONCRETE SUCH THAT ITS COLOR CLOSELY MATCHES THE COLOR OF THE SURROUNDING PAVEMENT) WILL BE USED FOR BACKFILLING THE FULL PAVEMENT SECTION AND THE JOINT BETWEEN THE ASPHALT AND CONCRETE WILL BE SEALED WITH CMS 702.01 PG BINDER. EPOXY COATED REBAR SHALL BE PLACED IN THE CONCRETE AT 6" MAXIMUM ON CENTER AND A MINIMUM OF 3.5" CLEARANCE FROM THE TOP, BOTTOM AND SIDES. THE CONCRETE WILL BE VIBRATED SUFFICIENTLY TO ELIMINATE AIR POCKETS UNDER THE FRAME.

PAYMENT WILL INCLUDE REMOVAL OF THE EXISTING MATERIAL, INSTALLATION AND FURNISHING OF A NEW CASTING, AND ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS ITEM OF WORK AS DESCRIBED.

- 611, MANHOLE ADJUSTED TO GRADE, 100 EACH
- 623, MONUMENT BOX ADJUSTED TO GRADE, 21 EACH
- 638, VALVE BOX ADJUSTED TO GRADE, 52 EACH

CATCH BASIN ADJUSTED TO GRADE

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR ADJUSTING CATCH BASINS TO GRADE.

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF REQUIRED TYPE, SIZE AND STRENGTH. ENSURE ALL MATERIAL MEETS CMS ITEM 611 AND HAS PRIOR APPROVAL OF THE ENGINEER.

- ITEM 611 - CATCH BASIN ADJUSTED TO GRADE, 72 EACH
- ITEM SPECIAL - MISCELLANEOUS METAL, 3,600 LB

GREEN COLORED PAVEMENT FOR BIKE LANES

IN ADDITION TO THE REQUIREMENTS OF C&MS 641 AND 740; THE FOLLOWING REQUIREMENTS SHALL APPLY:

- THE DAYTIME AND NIGHTTIME CHROMATICITY COORDINATE FOR THE COLOR USED FOR GREEN COLORED PAVEMENT SHALL BE AS FOLLOWS:
 CHROMATICITY COORDINATES (CORNER POINTS)

	1	2	3	4
X	Y	X	Y	X
Y	X	Y	X	Y

 DAYTIME 0.230 0.754 0.266 0.460 0.367 0.480 0.444 0.583
- THE DAYTIME LUMINANCE FACTOR (Y) SHALL BE AT LEAST 7, BUT NO MORE THAN 35.
- GREEN COLORED PAVEMENT SHALL BE NON-RETROREFLECTIVE

PAYMENT FOR "ITEM 646 GREEN COLORED PAVEMENT FOR BIKE LANES" WILL BE AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

DESIGN AGENCY




DESIGNER	JAR
REVIEWER	MJA
PROJECT ID	102743
SHEET	P.4
TOTAL	23

SHEET NUM.														PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	8	9	10	11	12	13	14	15	16	22	23	01/NHS/PP/CANT	02/NHS/OT/CANT	03/S>2/PP/CANT						
ROADWAY																						
						6,827	6,699	4,216	2,135	4,281	3,278				27,433	202	30000	27,436	SF	WALK REMOVED		
						195	215	215	165	203	105				1,098	202	32000	1,098	FT	CURB REMOVED		
25															25	203	10000	25	CY	EXCAVATION		
						2,693	1,520	1,705	806	1,790	660				9,174	608	10000	9,174	SF	4" CONCRETE WALK		
						4,134	5,179	2,511	1,329	2,491	2,618				18,260	608	52000	18,262	SF	CURB RAMP		
21															6		15	21	EACH	MONUMENT ASSEMBLY ADJUSTED TO GRADE, AS PER PLAN	4	
						1	1	3	1						6		6	6	EACH	PULL BOX, MISC.; ADJUSTED TO GRADE		
EROSION CONTROL																						
															885		2,115	3,000	EACH	EROSION CONTROL		
DRAINAGE																						
72															13		59	72	EACH	CATCH BASIN ADJUSTED TO GRADE		
7																7		7	EACH	CATCH BASIN RECONSTRUCTED TO GRADE		
							1	2								3		3	EACH	MANHOLE ADJUSTED TO GRADE		
100															23		77	100	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	4	
3,950															750		3,200	3,950	LB	MISCELLANEOUS METAL	4	
PAVEMENT																						
1,250																1,250		1,250	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)		
900															900		900	FT	FULL DEPTH PAVEMENT SAWING			
150															150		150	SY	PAVEMENT REPAIR			
			16,122	3,564	53,868										19,686		53,868	254	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (T = VARIABLE DEPTH 2 1/2" +/- 1/2")		
25															25		304	25	CY	AGGREGATE BASE		
			1,451	277	5,037										1,728		5,037	407	GAL	TACK COAT, 702.13 @ 0.09 GAL/SY		
				45											45		20000	45	GAL	NON-TRACKING TACK COAT @ 0.09 GAL/SY		
			968	214	3,358										1,182		3,358	407	GAL	NON-TRACKING TACK COAT @ 0.06 GAL/SY		
			336	75	1,166										411		1,166	424	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN (T=3/4")		
			560	124	1,944										684		1,944	441	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (T=1 1/4")		
						195	215	215	165	200	105					1,095		1,095	FT	CURB, TYPE 6		
WATER WORK																						
						4	5		1		5					15		15	EACH	VALVE BOX ADJUSTED TO GRADE		
52															16		36	52	EACH	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	4	
TRAFFIC CONTROL																						
												0.91			0.91			0.91	MILE	EDGE LINE, 6"		
												0.95	2.15		0.95		2.15	646	MILE	LANE LINE, 6"		
												0.92	2.28		0.92		2.28	646	MILE	CENTER LINE		
												344	1,560		344		1,560	646	FT	CHANNELIZING LINE, 8"		
												194	745		194		745	646	FT	STOP LINE		
												1,712	1,990		1,712		1,990	646	FT	CROSSWALK LINE, 12"		
												780	1,050		780		1,050	646	FT	CROSSWALK LINE, 24"		
												676	1,060		676		1,060	646	FT	TRANSVERSE/DIAGONAL LINE		
												4			4		4	EACH	RAILROAD SYMBOL MARKING			
												4			4		4	EACH	SCHOOL SYMBOL MARKING, 72"			
												758	312		758		312	646	FT	PARKING LOT STALL MARKING		
												73	55		73		55	646	EACH	LANE ARROW		
												1,778	85		1,778		85	646	FT	DOTTED LINE, 6"		
												58			58			646	EACH	BIKE LANE SYMBOL MARKING		
												1,674			1,674			646	SF	GREEN COLORED PAVEMENT FOR BIKE LANES		
TRAFFIC SIGNALS																						
		8														8		8	EACH	DETECTOR LOOP, AS PER PLAN	6	
MAINTENANCE OF TRAFFIC																						
		300														300		300	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
	30														12		18	614	EACH	WORK ZONE MARKING SIGN		
	20														6		14	614	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC		
		7													7		7	614	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	6	
	6.2														1.9		4.3	614	MILE	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT		
															0.95		2.15	614	MILE	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT		
	3.1														1.84		4.56	614	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT		

adjusted quantities and items

(T = VARIABLE DEPTH 2 1/2" +/- 1/2")

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
JAR
 REVIEWER
MJA 3-22-22
 PROJECT ID
102743
 SHEET TOTAL
P.7 23

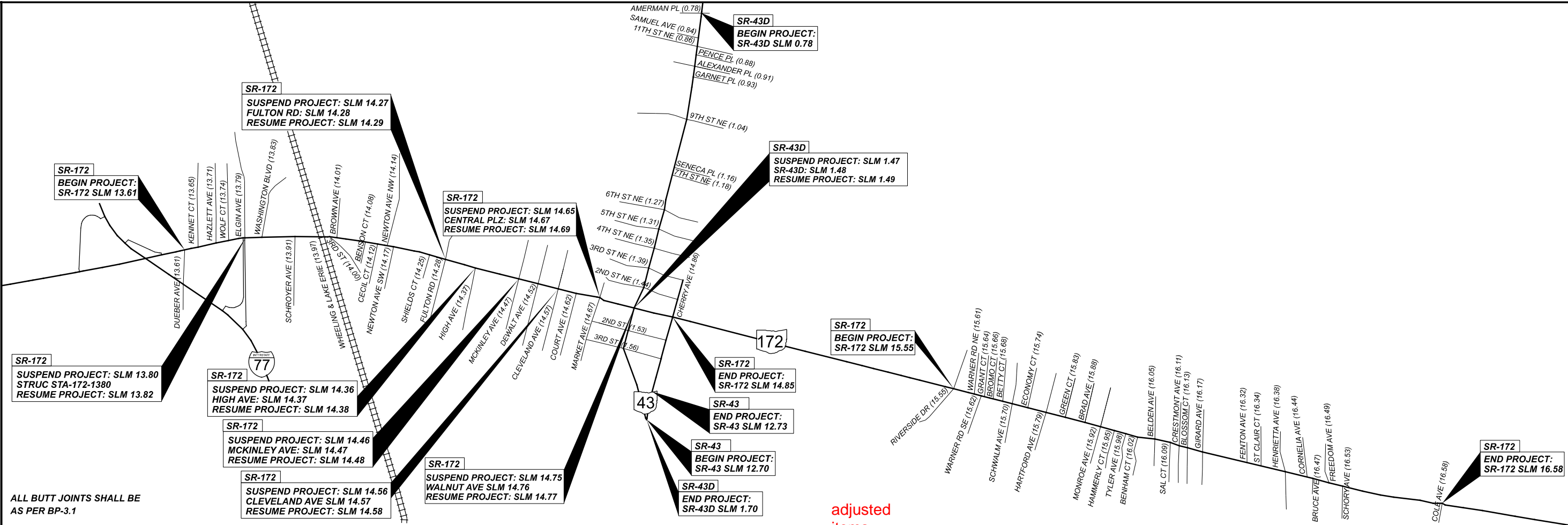
SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
								5	01/NHS/PV/CANT	NHS/OT/CANT	MS>2/PV/CANT							
								3.2	0.92		2.28	614	21550	3.2	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
								1.82	1.82			614	22100	1.82	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT		
								0.91	0.91			614	22350	0.91	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT		
								3,808	688		3,120	614	23200	3,808	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT		
								1,904	344		1,560	614	23680	1,904	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
								1,878	388		1,490	614	26200	1,878	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT		
								939	194		745	614	26610	939	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
																INCIDENTALS		
									LS			614	11000	LS		MAINTAINING TRAFFIC		
									6			619	16010	6	MNTH	FIELD OFFICE, TYPE B		
									LS			623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING		
									LS			624	10000	LS		MOBILIZATION		
																added page		

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
JAR
 REVIEWER
MJA 3-22-22
 PROJECT ID
102743
 SHEET TOTAL
P.7A | 23

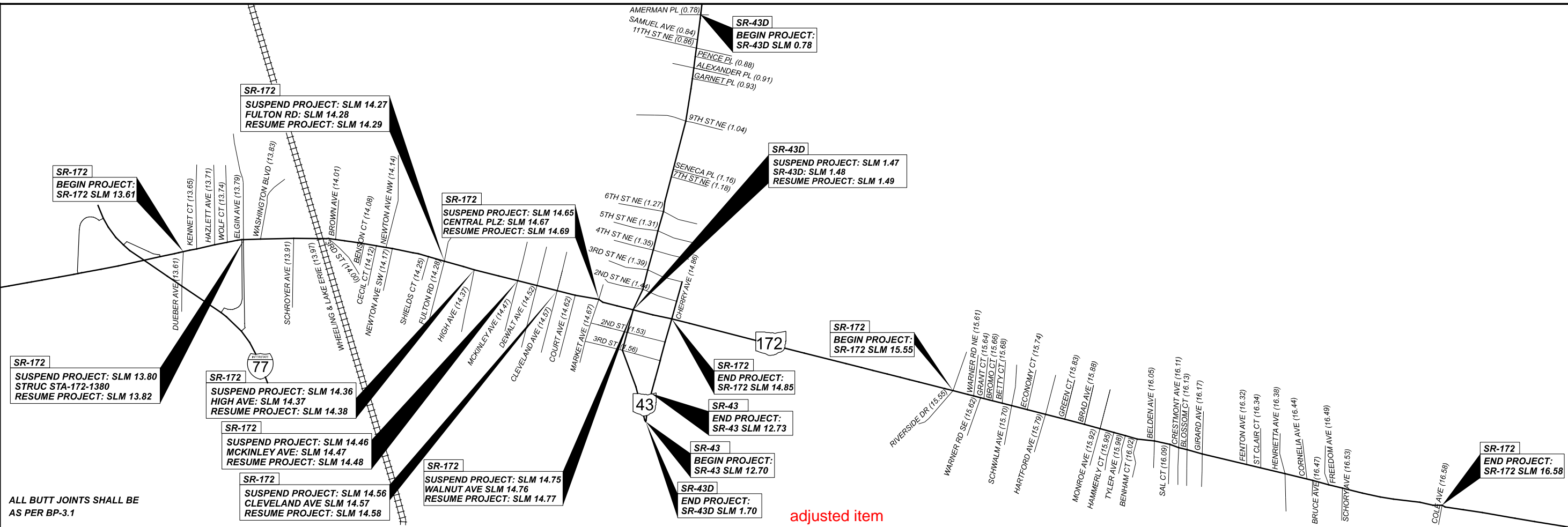
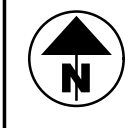


SLM RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (T = VARIABLE DEPTH 2 1/2" +/- 1/2")		NON-TRACKING TACK COAT @ 0.06 GAL/SY		TACK COAT, 702.13 @ 0.09 GAL/SY		NON-TRACKING TACK COAT @ 0.09 GAL/SY		FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN (T=3/4")		ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (T=1 1/4")		
							SY	GAL	GAL	GAL	CY	CY							
STA 43D																			
1.57	TO	1.59	2	105.60	30.00	352.00	352.00	21.12	31.68	7.33	12.22								
1.59	TO	1.70	2	580.80	28.00	1806.93	1806.93	108.42	162.62	37.64	62.74								
INTERSECTIONS																			
0.78	TO	1.57	1	VARIABLE	10.00	912.00	912.00	54.72	82.08	19.00	31.67								
STA 43																			
12.70	TO	12.73	4	158.40	28.00	492.80	492.80	29.57	44.35	10.27	17.11								
SUBTOTALS							0.00	3563.73	213.82	276.38	44.35	74.24	123.74	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS CARRIED TO GENERAL SUMMARY							0	3564	214	277	45	75	124	0	0	0	0	0	0

adjusted items

PAVEMENT CALCULATIONS (STA-43D & STA-43)





ALL BUTT JOINTS SHALL BE AS PER BP-3.1

adjusted item

SLM RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	PAVEMENT PLANNING, ASPHALT CONCRETE, AS PER PLAN (T = VARIABLE DEPTH 2 1/2" +/- 1/2")			FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, (449), AS PER PLAN (T=3/4")			ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (T=1 1/4")																																													
							SY	GAL	GAL/SY	CY	CY																																															
STA 172																																																										
13.61	TO	13.64	3	158.40	58.00	1020.80		1020.80	61.25	91.87	21.27	35.44																																														
13.64	TO	13.74	3	528.00	53.00	3109.33		3109.33	186.56	279.84	64.78	107.96																																														
13.74	TO	13.79	3	264.00	58.00	1701.33		1701.33	102.08	153.12	35.44	59.07																																														
13.82	TO	14.27	3	2376.00	58.00	15312.00		15312.00	918.72	1378.08	319.00	531.67																																														
14.29	TO	14.36	3	369.60	58.00	2381.87		2381.87	142.91	214.37	49.62	82.70																																														
14.38	TO	14.46	3	422.40	51.00	2393.60		2393.60	143.62	215.42	49.87	83.11																																														
14.48	TO	14.56	3	422.40	51.00	2393.60		2393.60	143.62	215.42	49.87	83.11																																														
14.58	TO	14.65	3	369.60	51.00	2094.40		2094.40	125.66	188.50	43.63	72.72																																														
14.69	TO	14.75	3	316.80	51.00	1795.20		1795.20	107.71	161.57	37.40	62.33																																														
14.77	TO	14.85	3	422.40	51.00	2393.60																																																				
15.55	TO	15.56	1	52.80	36.00	211.20		211.20	12.67	19.01	4.40	7.33																																														
15.57	TO	16.58	1	5332.80	36.00	21331.20		21331.20	1279.87	1919.81	444.40	740.67																																														
INTERSECTIONS																																																										
13.61	TO	13.64	3	VARIES	10.00	98.00		5.44	5.88	8.82	2.04	3.40																																														
13.64	TO	13.74	3	VARIES	10.00	88.00		4.89	5.28	7.92	1.83	3.06																																														
13.74	TO	14.86	3	VARIES	10.00	786.00		43.67	47.16	70.74	16.38	27.29																																														
15.55	TO	16.58	1	VARIES	10.00	1242.00		69.00	74.52	111.78	25.88	43.13																																														
SUBTOTALS																					0.00	53867.53	3357.51	5036.27	0.00	1165.80	1943.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS CARRIED TO GENERAL SUMMARY																					0	53868	3358	5037	0	1166	1944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0