

NOTIFICATION OF CONSTRUCTION INITIATION:

AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT d06.pio@dot.ohio.gov, THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT d06.mot@dot.ohio.gov AND THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION VIA EMAIL AT hauling.permits@dot.ohio.gov OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

GENERAL:

THE CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE OF OPERATIONS TO THE ENGINEER (SEE 108.02) AND RECEIVE APPROVAL IN WRITING BEFORE WORK IS STARTED ON THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

CONTRACTORS EQUIPMENT - OPERATION AND STORAGE:

THE CONTRACTORS EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC WHERE PRACTICAL. EQUIPMENT SHALL HAVE AT LEAST ONE AMBER FLASHING LIGHT. WHEN PARKED ALONG THE HIGHWAY, THE EQUIPMENT SHALL BE LOCATED EITHER A MINIMUM OF THIRTY FEET FROM THE EDGE OF PAVEMENT OR SIX FEET BEHIND GUARDRAIL WITH A MINIMUM OF 125 FEET OF GUARDRAIL PRECEDING THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT AN APPROVED CONTRACTORS STORAGE AREA.

CENTERLINE CONSTRUCTION:

THE INTENT OF THIS PROJECT IS THAT ALL WORK IS TO BE COMPLETED WITHIN THE EXISTING RIGHT OF WAY. ANY CENTERLINE SHOWN IN THIS PLAN IS TO BE CONSIDERED A CENTERLINE OF CONSTRUCTION ONLY AND NOT TO BE CONSTRUED AS THE ACTUAL GEOMETRIC ALIGNMENT OF THE ROADWAY. FOR THE MAJORITY OF THIS PLAN, MEASUREMENTS AND CALCULATIONS WILL BE PROVIDED USING COUNTY STRAIGHT LINE MILEAGE (SLM). THE SLM CONVERSION EQUATION ON THE SCHEMATIC GIVES THE RELATIVITY OF STATIONING TO SLM (AND VICE VERSA). ANY CENTERLINE STATIONING PROVIDED IS TO BE USED AS A REFERENCE OF PROJECT LENGTH ONLY AND SHALL NOT BE USED TO ESTABLISH PRECISE LOCATIONS OF ANY OTHER FEATURES SUCH AS/NOT LIMITED TO THE EXISTING RIGHTS OF WAY. ANY RIGHT OF WAY SHOWN IN THE PLAN IS A GRAPHICAL REPRESENTATION (OF SAID RIGHT OF WAY) CONFIRMING THAT THE PLANNED WORK HAS BEEN DETERMINED TO BE IN ODOT RIGHT OF WAY. IN THE EVENT THAT ANY ACTIVITIES DEVIATE FROM THE PLAN, THE CONTRACTOR MAY BE REQUIRED, PER THE ENGINEER, TO VERIFY THE RIGHT OF WAY LIMITS IN THE FIELD. PAYMENT FOR ANY RIGHT OF WAY VERIFICATION WILL BE INCLUDED UNDER THE LUMP SUM BID ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

CONTINGENCY QUANTITIES:

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT,

REMOVAL ITEMS:

UNLESS OTHERWISE INSTRUCTED, ASPHALT, GUARDRAIL, AND ANY OTHER MISCELLANEOUS ITEMS DESIGNATED FOR REMOVAL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE REMOVED ITEM.

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 PROFILE OF THE EXISTING PAVEMENT.

OVERHEAD STRUCTURES - VERTICAL CLEARANCE:

IT IS THE INTENT OF THIS PROJECT THAT THE EXISTING VERTICAL CLEARANCES AT OVERHEAD STRUCTURES ARE NOT TO BE REDUCED FROM EXISTING. THE CONTRACTOR SHALL USE GREAT CARE AT THESE LOCATIONS NOT TO ALTER THE CURRENT VERTICAL CLEARANCE.

COOPERATION BETWEEN CONTRACTORS:

THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WORK WITH OTHER PROJECTS IDENTIFIED BELOW. IT IS IMPERATIVE THAT THE CONTRACTORS COOPERATE FULLY WITH EACH OTHER AS OUTLINED IN SECTION 105.08 OF ODOT 2023 CONSTRUCTION AND MATERIAL SPECIFICATIONS. ALL MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN PROJECTS AND NOT BE IN CONFLICT WITH ONE ANOTHER.

ODOT 119587 FAY-22-6.21 "JAMISON ROAD ROUNDABOUT PROJECT" EXPECTED COMPLETION DATE: 8/01/26

IT IS EXPECTED THAT THE CONTRACTOR FOR THIS PROJECT WILL NOT BEGIN ANY US-22 PIER PROTECTION WORK (AS DESCRIBED IN THE PLAN) PRIOR TO THE COMPLETION OF THE JAMISON ROAD ROUNDABOUT PROJECT.

ITEM 202 - PAVEMENT REMOVED, AS PER PLAN:

PAVEMENT REMOVED, ASPHALT WILL BE AN AVERAGE OF 14.25" BUT MAY VARY IN DEPTH TO MATCH THE EXISTING ASPHALT SUBGRADE AS DETAILED IN THE TYPICAL SECTIONS.

ITEM 202 - CONCRETE MEDIAN REMOVED, AS PER PLAN:

CONCRETE MEDIAN REMOVED, AS PER PLAN WILL BE PERFORMED AS DETAILED IN THE TYPICAL DETAILS ON SHEET P.13 AND TYPICAL SECTIONS ON SHEET P.8. REMOVAL OF THE CONCRETE MEDIAN WILL INCLUDE REMOVING ALL CONCRETE, SOIL, ASPHALT, AND GRANULAR MATERIAL TO A DEPTH NECESSARY TO PLACE THE PROPOSED PAVEMENT BUILD UP.

ITEM 202 - CURB REMOVED, AS PER PLAN:

CURB REMOVED, AS PER PLAN WILL BE PERFORMED AS DETAILED IN THE TYPICAL DETAILS ON SHEET P.14 AND TYPICAL SECTIONS ON SHEET P.9. REMOVAL OF THE EXISTING CURB WILL INCLUDE REMOVING ALL CONCRETE, SOIL, ASPHALT, AND GRANULAR MATERIAL 2' WIDE AND TO A DEPTH NECESSARY TO PLACE THE PROPOSED PAVEMENT BUILD UP.

ITEM 202 – GUARDRAIL REMOVED, AS PER PLAN:

ITEM 202 - ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN

ITEM 202 - ANCHOR ASSEMBLY REMOVED, BARRIER DESIGN

IN ADDITION TO THE REQUIREMENTS OF ITEM 202, REMOVAL OF SPECIFIED GUARDRAIL ITEMS SHALL INCLUDE BUT NOT BE LIMITED TO ANY ATTACHED POSTS, SIGNS AND DELINEATORS (NOT OTHERWISE SPECIFIED). THIS REMOVAL WILL INCLUDE ALL POSTS, ANCHORS AND HARDWARE UNDER GROUND.

THE CONTRACTOR SHALL REMOVE ALL CONCRETE FOUNDATIONS COMPLETELY AT ALL LOCATIONS.

EXISTING TYPE T ANCHOR ASSEMBLIES (NOT IDENTIFIED IN THE PLANS) ENCOUNTERED WITHIN REMOVAL LIMITS SHALL BE REMOVED UNDER THE QUANTITIES PROVIDED FOR ITEM 202 – GUARDRAIL REMOVED, AS PER PLAN, AND BE PAID FOR BY “FEET”.

BARRIER TYPE GUARDRAIL (NOT IDENTIFIED IN THE PLANS) ENCOUNTERED WITHIN REMOVAL LIMITS SHALL BE REMOVED UNDER THE QUANTITIES PROVIDED FOR ITEM 202 – GUARDRAIL REMOVED, AS PER PLAN, AND BE PAID FOR BY “FEET”.

ALL HOLES AND VOIDS REMAINING AFTER REMOVAL OF GUARDRAIL POSTS AND FOUNDATIONS SHALL BE FILLED WITH GRANULAR MATERIAL CONFORMING TO CMS 203.02R. FILL MATERIAL CONTAINING SOD SHALL NOT BE USED. ALL FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. MATERIAL PLACED IN HOLES SHALL BE THOROUGHLY COMPACTED AND LEVELED OFF AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPLICABLE GUARDRAIL REMOVAL ITEM.

ITEM 203 - EXCAVATION, AS PER PLAN, GRASS MEDIAN:

EXCAVATION, AS PER PLAN, GRASS MEDIAN WILL BE PERFORMED AS DETAILED IN THE TYPICAL DETAILS ON SHEET P.14 AND TYPICAL SECTIONS ON SHEET P.9. EXCAVATION OF THE GRASS MEDIAN WILL INCLUDE REMOVING TO A DEPTH NECESSARY TO EITHER PLACE THE PROPOSED PAVEMENT BUILD UP (TYPICAL #7) OR TO THE PROPOSED LOWERED FINISH GRADE (TYPICAL #8).

ITEM 203 – EMBANKMENT, AS PER PLAN:

QUANTITIES FOR ITEM 203 - EMBANKMENT HAVE BEEN PROVIDED TO BUILD UP FORE-SLOPES AND ENSURE PROPER GRADING FOR THE PROPOSED GUARDRAIL AND ANCHOR ASSEMBLIES. THIS ITEM OF WORK INCLUDES ANY CLEARING AND GRUBBING NECESSARY TO PLACE THE EMBANKMENT AT THE LOCATIONS SPECIFIED OR DIRECTED. THE CONTRACTOR SHALL BE PREPARED TO USE EMBANKMENT AT THE LOCATIONS SPECIFIED IN THE PLANS AND ANY OTHER AREAS “AS DIRECTED BY THE ENGINEER”.

ITEM 204 - SUBGRADE COMPACTION, AS PER PLAN:

THE CONTRACTOR SHALL COMPACT THE SUBGRADE IN ACCORDANCE WITH CMS 204.03 IN THE AREAS IDENTIFIED ON THE TYPICAL SECTIONS. IN AREAS WHERE PROOF ROLLING IS NOT POSSIBLE DUE TO SITE CONSTRAINTS (AS DETERMINED BY THE PROJECT ENGINEER), THE CONTRACTOR SHALL ALLOW TIME FOR THE DEPARTMENT TO CONDUCT DCP TESTING TO VERIFY THAT THE COMPACTION REQUIREMENTS OF CMS 204.03 HAVE BEEN MET.

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN

ITEM 204 - GRANULAR MATERIAL, TYPE E, AS PER PLAN:

AT LOCATIONS WHICH FAIL TO MEET THE COMPACTION REQUIREMENTS OF CMS 204.03, THE EXISTING SUBGRADE SHALL BE REMOVED TO A DEPTH OF 12 INCHES BELOW THE PROPOSED TOP OF SUBGRADE AND REPLACED WITH GRANULAR MATERIAL, TYPE E.

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

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN = 25 CY
ITEM 204 - GRANULAR MATERIAL, TYPE E, AS PER PLAN = 25 CY

ITEM 204 – PROOF ROLLING:

THE FOLLOWING QUANTITY OF ITEM 204 - PROOF ROLLING HAS BEEN PROVIDED (AT AN ESTIMATED RATE OF 1 HOUR PER 2,000 SY OF SUBGRADE COMPACTION) AND CARRIED TO THE GENERAL SUMMARY:

ITEM 204 - PROOF ROLLING = 6.8 HOURS

ITEM 606 - ANCHOR ASSEMBLY, (MGS) TYPE B (MASH 2016):

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE B FLARED END TREATMENTS FOR TYPE MGS GUARDRAIL AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED ON ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND, THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

THE FACE OF THE TYPE B IMPACT HEAD SHALL BE COVERED WITH SOLID FLUORESCENT YELLOW REBOUNDABLE RETROREFLECTIVE SHEETING, PER CMS 730.191.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE B, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING REFLECTIVE SHEETING AND ALL RELATED HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN, TEST LEVEL 3 (TL-3), (24", 60 MPH):

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE 2 IMPACT ATTENUATORS AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW, PERMANENT INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE (REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS). WHEN BI-DIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN (24", 60 MPH) EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS/BACKSTOPS, TRANSITIONS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

CONCRETE FOUNDATION(S) SHALL MEET THE REQUIREMENTS OF THE MANUFACTURER AND SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

DESIGN AGENCY



DESIGNER

DKR

REVIEWER

PROJECT ID

119204

SHEET

P.30

TOTAL

127

SHEET NUMBER										PARTICIPATION				ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.30-P.32	P.33-P.36	P.37	P.44	P.45	P.46	P.107	P.108	P.113		01/STR	02/S5K	03/S5K/ WCH	04/S5K/ WCH						
																		ROADWAY	
			1988								1988			202	23001	1988	SY	PAVEMENT REMOVED, AS PER PLAN, 14.25"	P.30
			1179								1179			202	30601	1179	SY	CONCRETE MEDIAN REMOVED, AS PER PLAN	P.30
			3056								3056			202	32001	3056	FT	CURB REMOVED, AS PER PLAN	P.30
			1250								1250			202	38001	1250	FT	GUARDRAIL REMOVED, AS PER PLAN	P.30
			4								4			202	42001	4	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	P.30
			2								2			202	42210	2	EACH	ANCHOR ASSEMBLY REMOVED, BARRIER DESIGN	
			330								330			203	10001	330	CY	EXCAVATION, AS PER PLAN, GRASS MEDIAN	P.30
			407								407			203	20000	407	CY	EMBANKMENT	
			24								24			203	20001	24	CY	EMBANKMENT, AS PER PLAN	P.30
25											25			204	13001	25	CY	EXCAVATION OF SUBGRADE, AS PER PLAN	P.30
					3379						3379			204	10001	3379	SY	SUBGRADE COMPACTION, AS PER PLAN	P.30
25											25			204	30041	25	CY	GRANULAR MATERIAL, TYPE E, AS PER PLAN	P.30
6.8											6.8			204	45000	6.8	HOUR	PROOF ROLLING	
			6.4								6.4			209	60200	6.4	STA	LINEAR GRADING	
			151.5								151.5			606	15050	151.5	FT	GUARDRAIL, TYPE MGS	
			314.06								314.06			606	15150	314.06	FT	GUARDRAIL, TYPE MGS HALF POST SPACING	
			2								2			606	26050	2	EACH	ANCHOR ASSEMBLY, MGS TYPE B	
			2								2			606	26550	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
			2								2			606	60029	2	EACH	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN (24", 60 MPH)	P.30
			37								37			606	98100	37	EACH	GUARDRAIL, MISC.:POST FOOTING ANCHOR	P.31
			105								105			609	71001	105	SF	CONCRETE MEDIAN, AS PER PLAN, NOSE RAMP	P.31
			152								152			622	10061	152	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE B, AS PER PLAN	P.31
			2								2			622	24841	2	EACH	CONCRETE BARRIER END SECTION, TYPE B, AS PER PLAN	P.31
											LS			878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
																		EROSION CONTROL	
						366					366			659	00300	366	CY	TOPSOIL	
			3267								3267			659	10000	3267	SY	SEEDING AND MULCHING	
						163					163			659	14000	163	SY	REPAIR SEEDING AND MULCHING	
						163					163			659	15000	163	SY	INTER-SEEDING	
						0.44					0.44			659	20000	0.44	TON	COMMERCIAL FERTILIZER	
						0.68					0.68			659	31000	0.68	ACRE	LIME	
						18					18			659	35000	18	MGAL	WATER	
										250	650	100		832	30000	1000	EACH	EROSION CONTROL	
																		DRAINAGE	
4											1	3		611	98630	4	EACH	CATCH BASIN ADJUSTED TO GRADE	
4											1	3		611	99654	4	EACH	MANHOLE ADJUSTED TO GRADE	
																		PAVEMENT	
				532							452	80		251	01041	532	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 3.0"	P.31
				235							164	47		251	01041	235	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 4.5"	P.31
				138								138	24	251	01041	138	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 6.0"	P.31
			1214		4558							5772		252	01500	5772	FT	FULL DEPTH PAVEMENT SAWING	
					399379						262495	83571	53313	254	01000	399379	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
					592						592			301	56000	592	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
					563						563			304	20000	563	CY	AGGREGATE BASE	
					34369						22313	7522	4534	407	20000	34369	GAL	NON-TRACKING TACK COAT	
					16559						10766	3585	2208	442	10000	16559	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
					219						175	24	20	442	22100	219	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)	
					662						556	97	9	617	10100	662	CY	COMPACTED AGGREGATE	
8					23043						19346	3376	321	617	20000	23043	SY	SHOULDER PREPARATION	
											5	2	1	617	25000	8	MGAL	WATER	
																		WATER WORK	
4											1	3		638	10800	4	EACH	VALVE BOX ADJUSTED TO GRADE	
																		TRAFFIC SURVEILLANCE	
4												4		632	26501	4	EACH	DETECTOR LOOP, AS PER PLAN	P.31
4												4		632	27200	4	EACH	LOOP DETECTOR TIE IN	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

DKR

REVIEWER

PROJECT ID

119204

SHEET

P.42

TOTAL

127

SHEET NUMBER											PARTICIPATION				ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.30-P.32	P.33-P.36	P.37	P.44	P.45	P.46	P.107	P.108	P.113			01/STR	02/S5K	03/S5K/ WCH	04/S5K/ WCH						
							1733				1195	515	23		621	00100	1733	EACH	TRAFFIC CONTROL	
							1733				1195	515	23		621	54000	1733	EACH	RAISED PAVEMENT MARKER REMOVED	
			14									14			626	00102	14	EACH	BARRIER REFLECTOR, TYPE 1, 1-WAY	
			16									16			626	00110	16	EACH	BARRIER REFLECTOR, TYPE 2, 1-WAY	
								420				420			630	02100	420	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
								294				294			630	03100	294	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
								42				42			630	08600	42	EACH	SIGN POST REFLECTOR	
								200.0				200.0			630	80100	200.0	SF	SIGN, FLAT SHEET	
								5				5			630	84901	5	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN	P.31
								6				6			630	85101	6	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN	P.31
							1302						1302		642	01200	1302	FT	PARKING LOT STALL MARKING, TYPE 1	
							40.12				33.20	6.36	0.56		644	00104	40.12	MILE	EDGE LINE, 6"	
							2.34				0.07	1.23	1.04		644	00204	2.34	MILE	LANE LINE, 6"	
							22.54				16.80	3.40	2.34		644	00300	22.54	MILE	CENTER LINE	
							1667						1667		644	00400	1667	FT	CHANNELIZING LINE, 8"	
							4515				250	4265			644	00404	4515	FT	CHANNELIZING LINE, 12"	
							629					259	370		644	00500	629	FT	STOP LINE	
							1260						1260		644	00630	1260	FT	CROSSWALK LINE, 24"	
							2037					2037			644	00700	2037	FT	TRANSVERSE/DIAGONAL LINE	
							78				2	44	32		644	01300	78	EACH	LANE ARROW	
							609					229	380		644	01510	609	FT	DOTTED LINE, 6"	
		1114													644	30000	1114	FT	REMOVAL OF PAVEMENT MARKING, CENTER LINE	
		235													644	30000	235	FT	REMOVAL OF PAVEMENT MARKING, CHANNELIZING LINE	
		5853													644	30000	5853	FT	REMOVAL OF PAVEMENT MARKING, EDGE LINE	
		2101													644	30000	2101	FT	REMOVAL OF PAVEMENT MARKING, LANE LINE	
		2													644	30020	2	EACH	REMOVAL OF PAVEMENT MARKING, LANE ARROW	
							0.22				0.13	0.09			646	10010	0.22	MILE	EDGE LINE, 6"	
							0.15				0.06	0.09			646	10200	0.15	MILE	CENTER LINE	
																			MAINTENANCE OF TRAFFIC	
	136											48	88		614	11110	136	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
	144										116	20	8		614	12461	144	EACH	WORK ZONE MARKING SIGN, AS PER PLAN	P.34
	9											4	5		614	18601	9	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.34
	1.04												1.04		614	20110	1.04	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
	1.30										0.07	1.23			614	20560	1.30	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
	3.64	0.18										1.48	2.34		614	21100	3.82	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
	35.47										33.37	2.10			614	21550	35.47	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
	2.27	2.12										3.83	0.56		614	22110	4.39	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
	37.85										33.20	4.65			614	22360	37.85	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
	4382	905										3620	1667		614	23200	5287	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
	1550											1550			614	23680	1550	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
	380	1108										1108	380		614	24202	1488	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
	229											229			614	24612	229	FT	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT	
	550											180	370		614	26200	550	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
	79											79			614	26610	79	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
	1260												1260		614	27050	1260	FT	WORK ZONE CROSSWALK LINE, CLASS I, 12", 642 PAINT	
	60	28										56	32		614	30200	88	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT	
	18										2	16			614	30650	18	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
											LS	LS	LS		614	11000	LS		INCIDENTALS	
											LS	LS	LS		623	10001	LS		MAINTAINING TRAFFIC	P.32
											LS	LS	LS		624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	
																			MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER
DKR

REVIEWER

PROJECT ID
119204

SHEET
P.43

TOTAL
127