

UTILITIES

THERE ARE NO EXISTING UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS, NOR WILL ANY EXISTING UNDERGROUND UTILITY FACILITIES BE RELOCATED FOR THE PROJECT. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY UTILITIES THAT MAY EXIST WITHIN THE WORK AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY POTENTIAL UTILITY CONFLICTS, BY VISUAL INSPECTION AND BY CONTACTING THE OHIO UTILITIES PROTECTION SERVICE (OHIO 811) FOR FIELD MARKINGS OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE OWNERS TO RESOLVE ALL UTILITY CONFLICTS PRIOR TO CONSTRUCTION OR, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST THE PROJECT CONSTRUCTION ACCORDINGLY, SO AS TO AVOID DAMAGE TO THE EXISTING UTILITY FACILITIES.

THE UTILITY CONTACT INFORMATION FOR THE PROJECT CAN BE OBTAINED THROUGH THE ODOT DISTRICT 9 UTILITY COORDINATOR AT 740-774-9075.

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.

WINDOW CONTRACT TABLE

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE
ALL WORK ON PROJECT	90

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 AS SHOWN ON THE TYPICAL SECTIONS.

DISPOSAL OF ASPHALT GRINDINGS

ALL ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BE DELIVERED TO THE ODOT HIGHLAND COUNTY GARAGE (521 E. MAIN ST. HILLSBORO, OH 45133). CONTACT (ARIK ADAMS), COUNTY MANAGER AT 740-774-9017. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE PER CUBIC YARD FOR ITEM 202, REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

IN ADDITION TO CMS 621.03, RPMs SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS THAT HAVE A CONCRETE SURFACE. INSTALL RPMs IN ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE. RPM'S LOCATED IN EXISTING CONCRETE BRIDGE DECKS OR APPROACH SLABS SHALL BE LEFT IN PLACE.

INSTALL NEW RPMs IN ACCORDANCE WITH ODOT STANDARD DRAWINGS TC-65.10 AND TC-65.11.

SPEED MEASUREMENT MARKINGS

PLACE A SERIES OF SPEED MEASUREMENT MARKINGS ON THE ROADWAY TO ASSIST IN THE ENFORCEMENT OF SPEED REGULATIONS. EACH SPEED MEASUREMENT MARKING SHALL CONSIST OF ONE WHITE TRANSVERSE 24-INCH LINE MEASURED IN THE DIRECTION OF TRAVEL AND 4 FEET IN LENGTH. THE MARKINGS SHALL BE PLACED AT ONE-QUARTER MILE INTERVALS FOR A MINIMUM OF 1 MILE ALONG THE ROADWAY, AT LOCATIONS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. SPEED MEASUREMENT MARKINGS SHOULD AVOID BEING LOCATED IN THE VICINITY OF A TAPER, ENTRANCE RAMP OR EXIT RAMP.

ON MULTILANE HIGHWAYS WITH SHOULDER WIDTHS OF AT LEAST 6 FEET, CENTER THE SPEED MEASUREMENT MARKING ENTIRELY ON THE SHOULDER. IF THE SHOULDER WIDTH IS LESS THAN 6 FEET, CENTER THE MARKING ON THE EDGE LINE SUCH THAT IT EXTENDS 2 FEET ON EITHER SIDE. TO ASSURE VISIBILITY OF THE MARKINGS AND REDUCE PARALLAX ERRORS, FOR EACH DIRECTION UTILIZING AN AIR SPEED CHECK ZONE, A SET OF TWO MARKINGS (LEFT AND RIGHT SIDE) SHALL BE USED AT EACH ONE-QUARTER MILE INTERVAL.

ON TWO-LANE ROADWAYS, ONE MARKING SHOULD BE USED AT EACH ONE-QUARTER MILE INTERVAL AND INSTALLED ACROSS THE CENTER LINE SUCH THAT IT EXTENDS 2 FEET ON EITHER SIDE.

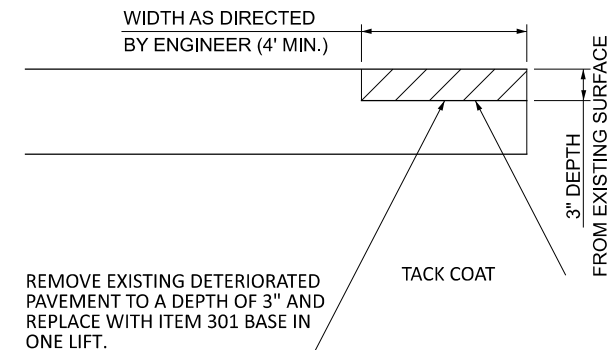
THE MARKINGS SHALL BE LAID OUT BY A REGISTERED SURVEYOR. ON SECTIONS WITH CURVES, THE MARKINGS ON THE INSIDE OF THE CURVE SHALL MEET THE REQUIRED ONE-QUARTER MILE INTERVALS. MARKINGS ON THE OUTSIDE OF THE CURVE SHALL BE DIRECTLY ACROSS FROM THE MARKINGS ON THE INSIDE OF THE CURVE, NOT STAGGERED. A RECORD IS TO BE KEPT AND ONE ORIGINAL SIGNED AND SEALED DOCUMENT IS TO BE SENT TO THE DISTRICT TRAFFIC ENGINEER AND ONE COPY IS TO BE SENT TO THE DISTRICT CONSTRUCTION ENGINEER.

MATERIALS, EQUIPMENT AND APPLICATION SHALL BE ACCORDING TO THE TYPE OF PAVEMENT MARKING MATERIAL USED.

PAYMENT WILL BE FOR EACH 24-INCH-WIDE BY 4 FEET LONG MARKING AND SHALL INCLUDE THE PAVEMENT MARKING MATERIAL USED AND THE SURVEYING WORK. THE FOLLOWING QUANTITIES HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 647 SPEED MEASUREMENT MARKING, TYPE B125 4 EACH

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441)



REMOVE EXISTING DETERIORATED PAVEMENT TO A DEPTH OF 3" AND REPLACE WITH ITEM 301 BASE IN ONE LIFT.

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

ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN
 TOTALS: 1000 SY

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN

ALL OF THE CONSTRUCTION REQUIREMENT OF THE CMS FOR ITEM 253 SHALL APPLY.

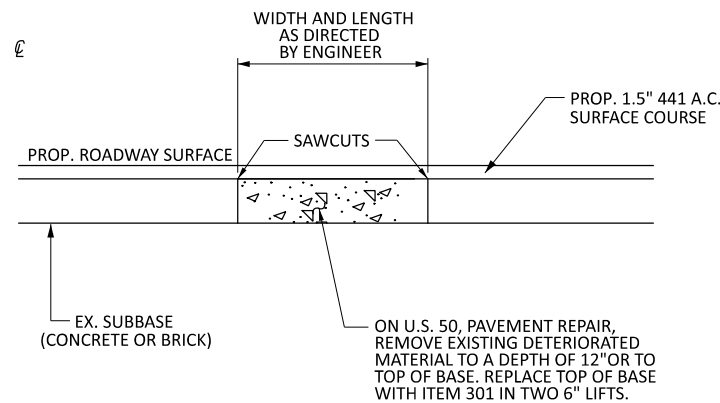
IN ADDITION TO THE QUANTITIES IN 253.10, THE ESTIMATED QUANTITY LISTED BELOW HAVE BEEN INCLUDED AND CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN 30 SY

ITEM 254- PATCHING PLANED SURFACE

THIS ITEM SHALL BE IN ACCORDANCE WITH SECTION 254 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE FOLLOWING WORK: ITEM 254 PATCHING PLANED SURFACE 24,750 SQ.YD.



DESIGN AGENCY



DESIGNER

JBS

REVIEWER

CLC 04-17-23

PROJECT ID

114607


SHEET TOTAL

P.3 8

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	6	7	8									01/STR/05	EXT	TOTAL				
																		ROADWAY	
		5,248											5,248	202	98500	5,248	CY	REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY	
		14.8											14.8	209	60500	14.8	MILE	LINEAR GRADING	
																		EROSION CONTROL	
													1,000	832	30000	1,000	EACH	EROSION CONTROL	
																		PAVEMENT	
1,000													1,000	251	01001	1,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	
30													30	253	01001	30	SY	PAVEMENT REPAIR, AS PER PLAN	
		125,951											125,951	254	01000	125,951	SY	PAVEMENT PLANING, ASPHALT CONCRETE	
24,750													24,750	254	01600	24,750	SY	PATCHING PLANED SURFACE	
		11,336											11,336	407	20000	11,336	GAL	NON-TRACKING TACK COAT	
		5,248											5,248	441	50000	5,248	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
		695											695	617	10100	695	CY	COMPACTED AGGREGATE	
		7											7	617	25000	7	MGAL	WATER	
		7.4											7.4	874	21000	7.4	MILE	LONGITUDINAL JOINT PREPARATION	
		7.4											7.4	618	43000	7.4	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
		560											560	621	00100	560	EACH	RPM	
		560											560	621	54000	560	EACH	RAISED PAVEMENT MARKER REMOVED	
4													4	642	40001	4	EACH	SPEED MEASUREMENT MARKING, AS PER PLAN	
													14.8	644	00104	14.8	MILE	EDGE LINE, 6"	
													7.4	644	00300	7.4	MILE	CENTER LINE	
																		STRUCTURE REPAIR (HIG-50-0162 3600572)	
				50									50	409	30000	50	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
																		STRUCTURE REPAIR (HIG-50-0289 3600602)	
				90									90	409	30000	90	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
																		STRUCTURE REPAIR (HIG-50-0327)	
				85									85	409	30000	85	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
																		MAINTENANCE OF TRAFFIC	
	52												52	614	12460	52	EACH	WORK ZONE MARKING SIGN	
	14.8												14.8	614	21550	14.8	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
	29.6												29.6	614	22360	29.6	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
																		INCIDENTALS	
													1	614	11000	1	LS	MAINTAINING TRAFFIC	
													1	623	10000	1	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													1	624	10000	1	LS	MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
JBS

REVIEWER
CLC 04-17-23

PROJECT ID
114607

SHEET TOTAL
P.5 8