UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

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.

PAVEMENT MARKINGS

ALL LONG LINE AND AUXILIARY PAVEMENT MARKINGS (STOP LINES, CROSSWALK LINES, CHANNELIZING LINES, ETC.) SHOWN IN THE PLANS ARE TAKEN FROM EXISTING LOCATIONS. THE CONTRACTOR SHALL DOCUMENT ALL PAVEMENT MARKING LOCATIONS THAT WILL BE REMOVED/ OBLITERATED DURING THIS PROJECT AND PLACE MARKINGS AT THE LOCATION OF THE EXISTING MARKINGS, UNLESS SHOWN OR STATED DIFFERENTLY IN THE PLANS AND/OR DIRECTED OTHERWISE BY THE ENGINEER.

CENTER LINE MARKINGS SHALL BE PLACED PER THE **NO PASSING ZONE LOGS** FOUND ON THE WEBSITE BELOW. ANY DISCREPANCIES BETWEEN THE EXISTING MARKINGS ON THE PAVEMENT AND THE LOGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PLACEMENT.
HTTPS://WWW.TRANSPORTATION.OHIO.GOV/WPS/PORTAL/GOV/ODOT/PROGRAMS/TRAFFIC-REGULATIONS/NO-PASSING-ZONES

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER A MINIMUM OF **24 HOURS** PRIOR TO APPLYING PAVEMENT MARKING MATERIALS ON ANY ROUTES SO THAT ODOT PERSONNEL MAY BE PRESENT DURING PAVEMENT MARKING OPERATIONS. AS PER 641.04, THE CONTRACTOR SHALL PROVIDE ODOT PERSONNEL A COPY OF THE DLS SHORT REPORT AT THE END OF EVERY WORKDAY OR AS REQUESTED THROUGHOUT THE DAY. THE CONTRACTOR SHALL NOT RECEIVE PAYMENT FOR ANY WORK DONE WITHOUT NOTIFICATION AS STATED ABOVE OR IF DSL SHORT REPORTS ARE NOT PROVIDED DAILY.
DLS CLOUD BASED REPORTING IS REQUIRED PER SS 800.

PAVEMENT PLANING, ASPHALT CONCRETE, BY DEPTH

DEPTH OF PLANING SHALL BE AS SHOWN ON THE PAVEMENT AND SHOULDER DATA TABLES. PLANING SHALL BE THE FULL WIDTH OF THE EXISTING PAVEMENT, INCLUDING PAVED SHOULDERS. THE ROADWAY SHALL BE PLANED SUCH THAT POSITIVE DRAINAGE IS CREATED FROM THE CENTER LINE TO THE EDGE OF PAVEMENT IN TANGENT SECTIONS AND SHALL FOLLOW EXISTING SUPERELEVATIONS WHERE APPLICABLE. ALL REQUIREMENTS OF ITEM 254 SHALL APPLY.

IF DURING PLANING OPERATIONS EXCESSIVE RIDGES OR OTHER IRREGULARITIES ARE FOUND, PLANING DEPTH ADJUSTMENTS SHALL BE MADE UP TO 3/8 INCH, AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID PER CMS 254.07.

ITEM 209, LINEAR GRADING

IN ORDER TO PROVIDE POSITIVE DRAINAGE FROM THE ROADWAY SURFACE TO THE SHOULDER BREAK, THE EXISTING ROADWAY SHOULDERS SHALL BE GRADED AND SHAPED USING A GRADER OF ADEQUATE SIZE TO PERFORM THE WORK TO THE SATISFACTION OF THE ENGINEER.

ALL LINEAR GRADING WORK SHALL BE COMPLETED PRIOR TO PLACEMENT OF THE ASPHALT SURFACE COURSE. **NO LINEAR GRADING SHALL OCCUR INSIDE VILLAGE LIMITS (SLM 3.13-5.51) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.**

ALL EXCESS MATERIAL REMAINING AROUND GUARDRAIL AND OTHER AREAS AFTER THE GRADER WORK IS COMPLETED SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. ALL EQUIPMENT, LABOR, OR INCIDENTALS REQUIRED TO COMPLETE THIS ITEM SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR ITEM 209, LINEAR GRADING.

ITEM 209, LINEAR GRADING
LOCATION 1A: 6.26 MILE
LOCATION 1B: 10.12 MILE

ITEM 253, PAVEMENT REPAIR

AN ESTIMATED QUANTITY FOR PAVEMENT REPAIR HAS BEEN INCLUDED IN THE PLAN TO BE USED **AS DIRECTED BY THE ENGINEER**. REPAIRS SHALL TAKE PLACE PRIOR TO ANY PLANING OPERATIONS.

THE INTENT OF THIS OPERATION IS TO REPAIR THOSE AREAS OF PAVEMENT WHICH HAVE COMPLETELY FAILED (PUMPING OF SUB-BASE MATERIAL) AND NOT TO CORRECT SURFACE IRREGULARITIES. **DEPTH OF EXCAVATION SHALL BE 7". THE MINIMUM WIDTH SHALL BE 4 FT**. AFTER EXCAVATION HAS BEEN COMPLETED, THE FACE OF THE REPAIR SHALL BE COATED WITH 407 TACK COAT. REPLACEMENT MATERIAL WILL BE **7"** OF ITEM 301 ASPHALT CONCRETE BASE, PG64-22 (PLACED, COMPACTED, AND TACKED IN TWO LIFTS).

REPAIR QUANTITIES MAY BE USED ON THE MAINLINE PAVEMENT OR ON PAVED SHOULDERS. ALL EXCAVATION, MATERIALS, LABOR, EQUIPMENT, TOOLS, TRAFFIC CONTROL AND INCIDENTALS NEEDED TO COMPLETE THE WORK DESCRIBED ABOVE SHALL BE PAID FOR UNDER ITEM 253, PAVEMENT REPAIR.

ITEM 253, PAVEMENT REPAIR
LOCATION 1A: 250 CU.YD.
LOCATION 1B: 250 CU.YD.

SLM 4.64-4.95: BRICK BASE W/ 2" ASPHALT OVERLAY (28' MIN, 38' MAX WIDTH) NO REPAIRS NECESSARY OVER BRICK BASE

ITEM 407, NON-TRACKING TACK COAT

THE RATE OF APPLICATION OF THE ITEM 407, NON-TRACKING TACK COAT SHALL BE PER **CMS TABLE 407.06-1** AND SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF **0.08 GAL/SY** FOR TACK COAT UNDER THE SURFACE COURSE AND **0.05 GAL/SY** UNDER INTERMEDIATE COURSE. (FOR ESTIMATING PURPOSES ONLY).

ITEM 408, PRIME COAT, AS PER PLAN

THE CONTRACTOR SHALL APPLY ONE COAT OF MC-70 (AS PER CMS 702) AT A RATE OF **0.40 GAL/SY** TO THE COMPLETED AGGREGATE SHOULDER. TO REDUCE AGGREGATE LOSS, **THE PRIME COAT SHALL BE APPLIED WITHIN SEVEN (7) DAYS AFTER PLACEMENT OF THE AGGREGATE SHOULDER OR LIQUATED DAMAGES PER CMS 108.07 WILL BE ASSESSED.** THE CONTRACTOR SHALL PROVIDE A SHIELD TO PREVENT THE SPRAYING OR DRIFTING OF LIQUID BITUMINOUS MATERIAL ONTO THE EDGE OF PAVEMENT OR EDGE LINE. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO 107.10 OF THE SPECIFICATIONS.

ITEM 516, 2" DEEP JOINT SEALER, AS PER PLAN (A)

THE CONTRACTOR SHALL PLACE A **1" X 2" DEEP** BEAD OF JOINT SEALER (AS PER 705.04) AT THE LOCATIONS SHOWN IN PLANS. THE CONTRACTOR SHALL SAW CUT A CHANNEL FOR THE JOINT SEALER. THE COST FOR SAW CUTTING THE CHANNEL FOR THE JOINT SEALER SHALL BE INCLUDED FOR PAYMENT WITH ITEM 516, 2" DEEP JOINT SEALER, AS PER PLAN (A).

ITEM 617, COMPACTED AGGREGATE, AS PER PLAN

ALL AGGREGATE SHALL BE 100% CRUSHED LIMESTONE OR RECYCLED ASPHALT CONCRETE PAVEMENT (RAP) MEETING THE REQUIREMENTS OF 703.18.

ALL AREAS SHALL BE LOOSENED AND FREE OF VEGETATION PER 617.04 PRIOR TO PLACEMENT OF COMPACTED AGGREGATE. AGGREGATE SHOULDERS SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE ROADWAY. AGGREGATE SHOULDERS MAY BE REDUCED TO ONE (1) FOOT WIDE WHERE NECESSARY AND MAY BE OMITTED ON SLOPES STEEPER THAN 6:1 AT THE APPROVAL OF THE ENGINEER.

IN AREAS WHERE TOPSOIL IS ENCOUNTERED, THE WIDTH OF THE COMPACTED AGGREGATE SHALL BE REDUCED TO THE WIDTH OF THE EXISTING BERM. IF NO EXISTING BERM EXISTS THAN THE COMPACTED AGGREGATE SHALL BE NON-PERFORMED.

SHOULDER PREPARATION SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR ITEM 617, COMPACTED AGGREGATE, AS PER PLAN.

ITEM 621, RAISED PAVEMENT MARKER REMOVED

AN ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE PLANS TO REMOVE RAISED PAVEMENT MARKERS FOR DISPOSAL BY THE CONTRACTOR. RPM REMOVAL SHALL NOT OCCUR SOONER THAN **10 DAYS** PRIOR TO RESURFACING OF THE ROADWAY. ALL RPM'S REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ENVIRONMENTAL NOTES

THE FOLLOWING RESTRICTION SHALL APPLY TO ALL STRUCTURES IN THE PROJECT AREA THAT INVOLVE WORK OVER WATERWAYS:

ALL WORK IS PROHIBITED TO OCCUR BELOW THE OHWM THAT FLOWS UNDER EACH STRUCTURE, AND NO MATERIAL MAY ENTER ANY STREAM DURING CONSTRUCTION.

GENERAL NOTES

DESIGN AGENCY

DESIGNER LME
REVIEWER JSL 08/01/22
PROJECT ID 98002
SHEET 2 TOTAL 27

LIC-62-0.00

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/2/2022 TIME: 1:31:11 PM USER: jlutz1
pw:\\hdot-pw.bentley.com:hdot-pw-02\Documents\01 Active Projects\District 05\Licking\98002400>Engineering\Roadway\Sheets\98002_GN001.dgn

RESIDENTIAL AND COMMERCIAL DRIVES

AN ESTIMATED QUANTITY OF ITEM 441, ASPHALT CONCRETE, HAS BEEN INCLUDED IN THE PLAN TO BE USED AS DIRECTED BY THE ENGINEER TO PAVE APPROACH AREAS TO EXISTING DRIVEWAYS. **PAVING SHALL EXTEND AN AVERAGE OF 4' INTO THE DRIVEWAY (MEASURED FROM THE EDGE OF PAVEMENT OR PAVED SHOULDER IF PRESENT).** THE ENGINEER MAY EXTEND PAVING DISTANCE FOR ASPHALT DRIVEWAYS IN ORDER TO PROVIDE A SMOOTH TRANSITION AND/OR ELIMINATE SHORT DISTANCES OF UNDESIRABLE PROFILE. ABRUPT CHANGES IN DRIVEWAY PROFILE ARE NOT PERMITTED.

GRAVEL DRIVES SHALL ALSO BE PAVED AS DESCRIBED ABOVE. FIELD DRIVES AND OIL WELL DRIVES SHALL NOT BE PAVED.

IF AN EXISTING APRON CANNOT BE PAVED OVER (FOR EXAMPLE, BROKEN INTO SMALL PIECES) AS DETERMINED BY THE ENGINEER, IT SHALL BE REMOVED BEFORE BEING PAVED BACK 4' INTO THE DRIVEWAY. ALL GRADING, PRIME OR TACK COAT, MATERIALS, LABOR, EQUIPMENT TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE DRIVES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW.

BUTT JOINTS AT THE END OF ALL DRIVEWAYS SHALL BE **1.50"** IN DEPTH TO ACCOMMODATE THE SURFACE COURSE. NO WORK SHALL BE PERFORMED ON DRIVEWAYS LOCATED IN CURB SECTIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE LOCATION SUB-SUMMARIES FOR THE ABOVE-DESCRIBED PURPOSE:

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
LOCATION 1A: 850 SQ.YD.
LOCATION 1B: 950 SQ.YD.

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
LOCATION 1A: 30 CU.YD.
LOCATION 1B: 33 CU.YD.

MAILBOX TURN OUTS

AN ESTIMATED QUANTITY OF ITEM 441, ASPHALT CONCRETE, HAS BEEN INCLUDED IN THE PLAN TO BE USED **AS DIRECTED BY THE ENGINEER** TO PAVE MAILBOX TURN OUTS. TURN OUTS SHALL BE PAVED AS SHOWN IN STANDARD DRAWING **BP-4.1**. THE ENGINEER MAY MODIFY TO MEET EXISTING CONDITIONS IF NECESSARY.

ALL GRADING, MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE MAILBOX, TURN OUTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW.

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
LOCATION 1A: 470 SQ.YD.
LOCATION 1B: 520 SQ.YD.

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
LOCATION 1A: 20 CU. YD.
LOCATION 1B: 22 CU.YD.

ITEM 611, CATCH BASIN ADJUSTED TO GRADE
ITEM 611, MANHOLE ADJUSTED TO GRADE
ITEM 638, VALVE BOX ADJUSTED TO GRADE

THESE ITEMS SHALL BE USED TO ADJUST CATCH BASINS, MANHOLES, AND WATER VALVE BOXES TO GRADE LOCATED THROUGHOUT THE PROJECT LIMITS AS DESCRIBED BELOW:

EXISTING CONCRETE COLLARS SHOULD ONLY BE ADJUSTED IF BROKEN, DAMANGED, OR MISALIGNED AS DIRECTED BY THE ENGINEER. ALL ADJUSTMENTS SHALL BE AGREED ON BY THE PROJECT ENGINEER AND VILLAGE OF JOHNSTOWN BEFORE WORK MAY BEGIN.

ANY GAS VALVE BOXES AND TELEPHONE COMPANY MANHOLES ON THIS PROJECT SHALL NOT BE DISTURBED.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS DESCRIBED ABOVE AND SHALL BE INCLUDED FOR PAYMENT WITH THE ITEMS LISTED BELOW.

ITEM 611, CATCH BASIN ADJUSTED TO GRADE
LOCATION 1A: 5 EACH
LOCATION 1B: 1 EACH

ITEM 611, MANHOLE ADJUSTED TO GRADE
LOCATION 1A: 6 EACH
LOCATION 1B: 1 EACH

ITEM 638, VALVE BOX ADJUSTED TO GRADE
LOCATION 1A: 13 EACH
LOCATION 1B: 2 EACH

ITEM 874, LONGITUDINAL JOINT PREPARATION, AS PER PLAN (A)

THE FOLLOWING QUANTITY IS BEING CARRIED TO THE LOCATION SUB-SUMMARY FOR LONGITUDINAL JOINT PREPARATION OF THE CENTER LINE JOINT PER SUPPLEMENTAL SPECIFICATION **874** AND STANDARD DRAWING **BP-3.1 USING METHOD 1 (CUTBACK).**

CL JOINT = (1.69-0.71) + (0.45-0.00) = 1.43 MILE
CL JOINT = (8.06-5.51) = 2.55 MILE

ITEM 874, LONGITUDINAL JOINT PREPARATION, AS PER PLAN (A)
LOCATION 1A: 1.43 MILE
LOCATION 1B: 2.55 MILE

ITEM 874, LONGITUDINAL JOINT PREPARATION, AS PER PLAN (B)

THE FOLLOWING QUANTITY IS BEING CARRIED TO THE LOCATION SUB-SUMMARY FOR LONGITUDINAL JOINT PREPARATION OF THE CENTER LINE JOINT PER SUPPLEMENTAL SPECIFICATION **872** AND STANDARD DRAWING **BP-3.1 USING METHOD 2 (VRAM)**

CL JOINT = (3.13-1.69) = 1.44 MILE
CL JOINT = (10.57-8.06) = 2.51 MILE

ITEM 874, LONGITUDINAL JOINT PREPARATION, AS PER PLAN (B)
LOCATION 1A: 1.44 MILE
LOCATION 1B: 2.51 MILE

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF **25 FT**. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO FILE A NEW FAA FORM 7460-1, ADVISING THE FAA THAT AERONAUTICAL STUDY NO. **2022-AGL-18171-OE, 2022-AGL-18172-OE AND 2022-AGL-18173-OE** IS BEING RESUBMITTED AND THAT AN ALTERATION TO THE ORIGINAL SUBMISSION IS REQUESTED.

NOTIFY THE ODOT OFFICE OF AVIATION WHEN RESUBMITTING AN FAA FORM 7460-1. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FAA APPROVAL MAY TAKE UP TO 45 DAYS. ALL SUBMISSIONS SHALL BE DIRECTED TO THESE OFFICES:

EXPRESS PROCESSING CENTER
THE FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
AIR TRAFFIC AIRSPACE BRANCH ASW-520
2601 MEACHAN BLVD.
FORT WORTH, TX 76137-4298

OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
614-387-2346

GENERAL NOTES

DESIGN AGENCY

DESIGNER LME
REVIEWER JSL 08/01/22
PROJECT ID 98002
SHEET 3 TOTAL 27

LIC-62-0.00

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF **1-LANE** OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON **U.S. 62** BY USE OF THE EXISTING PAVEMENT AND STANDARD DRAWING **MT-97.12.**

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES INCLUDING REPAIRS.

AT NO TIME SHALL TRAFFIC BE MAINTAINED ON THE PLANED SURFACE, AT LEAST ONE COURSE OF ASPHALT CONCRETE SHALL BE IN PLACE BEFORE OPENING TO TRAFFIC. THIS RULE DOES NOT APPLY TO PLANING AT BRIDGES OR ACROSS BRIDGES UNLESS THE BRIDGE IS BEING TREATED THE SAME AS THE ADJACENT ROADWAY.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. THE MAXIMUM LANE CLOSURE LENGTH SHALL BE PER **MT-97.12**. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

TEMPORARY TRAFFIC SIGNALS MAY USED FOR INSTALLATION OF BRIDGE DECK SEALING AND WATERPROOFING. THEY SHALL BE REMOVED ONCE MATERIAL HAS CURED, AS DIRECTED BY THE ENGINEER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

WORK RESTRICTIONS

ALL WORK INSIDE THE VILLAGE OF JOHNSTOWN SHALL OCCUR FROM THE HOURS OF **7PM-5AM (I.E. NIGHT PAVING)**. ANY WORK OUTSIDE THESE HOURS SHALL BE APPROVED IN WRITING FROM THE VILLAGE, AT APPROVAL OF THE ENGINEER.

NO WORK SHALL OCCUR INSIDE THE VILLAGE OF JOHNSTOWN FOR THE FOLLOWING EVENTS:
HARTFORD FAIR (APPROX. DATES 8/6/23 - 8/12/23)
SWAPPER'S DAY (LABOR DAY WEEKEND 9/2/23 – 9/4/23)

WINDOW CONTRACT TABLE

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS	DISINCENTIVE ($ PER TIME UNIT)
ALL WORK ON PROJECT	90	PER CMS 108.07

NOTIFICATION OF ROAD CLOSURE OR RESTRICTIONS

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF TWENTY-ONE (21) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND/OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4510 OR EMAIL AT D05.PIO@DOT.OHIO.GOV

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT BRIAN.BOSCH@DOT.OHIO.GOV

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT HAULING.PERMITS@DOT.OHIO.GOV

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE-MENTIONED ITEMS, VIA MEDIA SOURCES.

BUTT JOINT

A BUTT JOINT WILL BE REQUIRED AT THE LOCATIONS SPECIFIED BELOW AND PER STANDARD DRAWING **BP-3.1** UNLESS OTHERWISE SHOWN IN THE PLANS.

THE MINIMUM ASPHALT WEDGE LENGTH AT BUTT JOINTS SHALL BE **10'**. THE GRINDING FOR BUTT JOINTS SHALL BE INCLUDED WITH ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE.

LOC.	ROUTE	DESCRIPTION	S.L.M.	ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC CU. YD.
1A	U.S. 62	BEGIN WORK	0.00	0.6
		BEECH RD.	0.45/ 0.71	1.2
		VILLAGE SQUARE	3.64/ 3.94	1.4
		STAMPED CROSSWALKS (OREGON/S.R. 37)	4.64/ 4.71	3.2
		TOTAL		6.4
1B	S.R. 37	STAMPED CROSSWALK (S.R. 37)	4.71	1.4
		FUTURE ROUNDABOUT	5.36/ 5.55	1.2
		BRIDGE: LIC-62-1057/ END WORK	10.57	0.6
		TOTAL		3.2

ITEM 614, WORK ZONE MARKING SIGN

THE CONTRACTOR SHALL PLACE ALL WORK ZONE MARKING SIGNS IN ACCORDANCE WITH CMS SECTION **614.04**, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

R4-1 (DO NOT PASS):
LOCATION 1A: 16 EACH
LOCATION 1B: 15 EACH

R4-2 (PASS WITH CARE):
LOCATION 1A: 15 EACH
LOCATION 1B: 17 EACH

W8-H12A (NO EDGE LINES):
LOCATION 1A: 11 EACH
LOCATION 1B: 14 EACH

ALL "NO EDGE LINES" SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

ANY REVISIONS TO THE CENTER LINE PASSING/NO PASSING LOGS SHALL BE REFLECTED IN THE WORK ZONE SIGNING.

IN ADDITION, THE CONTRACTOR SHALL ERECT A "GROOVED PAVEMENT" SIGN 250 FEET IN ADVANCE OF ANY SECTION OF ROADWAY WHERE TRAFFIC MUST TRAVEL ON A PLANED SURFACE. "GROOVED PAVEMENT" SIGNS SHALL BE INCLUDED FOR PAYMENT WITH THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC AS PER CMS SECTION 614.055.

ITEM 614, WORK ZONE MARKING SIGN
LOCATION 1A: 42 EACH
LOCATION 1B: 46 EACH

DROP-OFFS IN WORK ZONES

DROP-OFFS THAT DEVELOP DURING CONSTRUCTION OPERATIONS AND THAT ARE NOT OTHERWISE PROVIDED FOR IN THE PLANS SHALL BE TREATED AS SHOWN ON STANDARD DRAWING **MT-101.90**. WHERE THE PLANS DO NOT PROVIDE SPECIFIC ITEMS FOR LABOR, EQUIPMENT, OR MATERIALS TO IMPLEMENT THE DROP-OFF TREATMENTS SPECIFIED, THEY SHALL BE INCLUDED FOR PAYMENT IN THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER LME
REVIEWER JSL 08/01/22
PROJECT ID 98002
SHEET 4 TOTAL 27

LIC-62-0.00

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/2/2022 TIME: 3:02:42 PM USER: jlutz1
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\98002\400-Engineering\Roadway\Sheets\98002_MN001.dgn

SEE SHEET 6 FOR TYPICALS

PAVEMENT DATA

LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		PAVEMENT WIDTH (AVG.)	TYPICAL	PAVEMENT AREA	254	407	441	
					MILES	LIN. FT.	FT.		SQ. YD.	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50" SQ. YD.	NON-TRACKING TACK COAT @ 0.08 GAL./S.Y. GAL.	THICKNESS INCHES	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22M CU. YD.
1A	LIC	U.S. 62	0.00	0.45	0.45	2,376.0	22.0	1	5,808.0	5,808.0	464.7	1.50	242.0
			0.45	0.71	0.26	1,372.8	30.0 AVG	1	SUSPEND WORK (RESURFACED W/ PID 109329)				
			0.71	2.46	1.75	9,240.0	22.0	1	22,586.7	22,586.7	1,807.0	1.50	941.2
			2.46	2.49	0.03	158.4	28.0 AVG	1	492.8	492.8	39.5	1.50	20.6
			2.49	2.67	0.18	950.4	36.0	1	3,801.6	3,801.6	304.2	1.50	158.4
			2.67	2.74	0.07	369.6	28.0 AVG	1	1,149.9	1,149.9	92.0	1.50	48.0
			2.74	3.26	0.52	2,745.6	22.0	1	6,711.5	6,711.5	537.0	1.50	279.7
			3.26	3.32	0.06	316.8	28.0 AVG	1	985.6	985.6	78.9	1.50	41.1
			3.32	3.36	0.04	211.2	48.0	2	1,126.4	1,126.4	90.2	1.50	47.0
			3.36	3.37	0.01	52.8	42.0 AVG	2	246.4	246.4	19.8	1.50	10.3
			3.37	3.38	0.01	52.8	36.0	2	211.2	211.2	16.9	1.50	8.8
			3.38	3.45	0.07	369.6	48.0	2	1,971.2	1,971.2	157.7	1.50	82.2
			3.45	3.46	0.01	52.8	42.0 AVG	2	246.4	246.4	19.8	1.50	10.3
			3.46	3.52	0.06	316.8	36.0	2	1,267.2	1,267.2	101.4	1.50	52.8
			3.52	3.53	0.01	52.8	28.0 AVG	2	164.3	164.3	13.2	1.50	6.9
			3.53	3.55	0.02	105.6	20.0	1	234.7	234.7	18.8	1.50	9.8
			3.55	3.61	0.06	316.8	28.0 AVG	1	985.6	985.6	78.9	1.50	41.1
			3.61	3.64	0.03	158.4	36.0	1	633.6	633.6	50.7	1.50	26.4
			3.64	3.94	0.30	1,584.0	33.0 AVG	3	SUSPEND WORK (RESURFACED W/ PID 110861)				
			3.94	4.20	0.26	1,372.8	22.0	1	3,355.7	3,355.7	268.5	1.50	139.9
			4.20	4.22	0.02	105.6	28.0 AVG	3	328.5	328.5	26.3	1.50	13.7
			4.22	4.71	0.49	2,587.2	35.0 AVG	3	10,061.3	10,061.3	805.0	1.50	419.3
		BRIDGE DEDUCTIONS							(322.7)	(322.7)	(25.8)	1.50	(13.4)
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)										**62,045.9**	**4,964.7**		**2,586.1**
1B	LIC	U.S. 62	4.71	4.74	0.03	158.4	43.0	3	756.8	756.8	60.6	1.50	31.6
			4.74	4.79	0.05	264.0	38.0	3	1,114.7	1,114.7	89.2	1.50	46.5
			4.79	4.89	0.10	528.0	30.0	3	1,760.0	1,760.0	140.8	1.50	73.4
			4.89	5.26	0.37	1,953.6	24.0	1	5,209.6	5,209.6	416.8	1.50	217.1
			5.26	5.39	0.13	686.4	36.0	1	2,745.6	2,745.6	219.7	1.50	114.4
			5.39	9.34	3.95	20,856.0	24.0	1	55,616.0	55,616.0	4,449.3	1.50	2,317.4
			9.34	9.40	0.06	330.0	30.0 AVG	1	1,100.0	1,100.0	88.0	1.50	45.9
			9.40	9.46	0.06	316.8	36.0	1	1,267.2	1,267.2	101.4	1.50	52.8
			9.46	9.52	0.06	330.0	30.0 AVG	1	1,100.0	1,100.0	88.0	1.50	45.9
			9.52	10.57	1.05	5,544.0	24.0	1	14,784.0	14,784.0	1,182.8	1.50	616.0
		BRIDGE DEDUCTIONS							(133.3)	(133.3)	(10.6)	1.50	(5.5)
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)										**85,320.6**	**6,826.0**		**3,555.5**

PAVEMENT DATA

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 7 TOTAL 27

LIC-62-0.00

SEE SHEET 6 FOR TYPICALS

SHOULDER DATA

LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		TYPICAL	PAVED SHOULDER WIDTH (FT.) (WIDTHS ARE AVERAGE THROUGHOUT SECTION)		SHOULDER AREA	254	407	408	441		617	
					MILES	LIN. FT.		A	B	SQ. YD.	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50" SQ. YD.	NON-TRACKING TACK COAT @ 0.08 GAL./S.Y. GAL.	PRIME COAT, AS PER PLAN @ 0.40 GAL./S.Y. GAL.	THICKNESS INCHES	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22M CU. YD.	THICKNESS INCHES	COMPACTED AGGREGATE, AS PER PLAN (2' WIDTH) CU. YD.
1A	LIC	U.S. 62	0.00	0.45	0.45	2,376.0	1	2	2	1,056.0	1,056.0	84.5	422.4	1.50	44.0	2.00	58.7
			0.45	0.71	0.26	1,372.8	1	4	4	1,220.3	SUSPEND WORK (RESURFACED W/ PID 109329)						
			0.71	2.44	1.73	9,134.4	1	2	2	4,059.7	4,059.7	324.8	1,623.9	1.50	169.2	2.00	225.5
			2.44	2.46	0.02	105.6	1	4	8	140.8	140.8	11.3	18.8	1.50	5.9	2.00	2.6
			2.46	2.49	0.03	158.4	4	4	8	211.2	211.2	16.9	28.2	1.50	8.8	2.00	2.0
			2.49	2.74	0.25	1,320.0	1	4	8	1,760.0	1,760.0	140.8	234.7	1.50	73.4	2.00	32.6
			2.74	3.32	0.58	3,062.4	1	2	2	1,361.1	1,361.1	108.9	544.4	1.50	56.8	2.00	75.6
			3.32	3.53	0.21	1,108.8	2				CURBED SECTION						
			3.53	3.64	0.11	580.8	1	2	2	258.1	258.1	20.7	103.3	1.50	10.8	2.00	14.3
			3.64	3.94	0.30	1,584.0	2				SUSPEND WORK (RESURFACED W/ PID 110861)						
			3.94	4.20	0.26	1,372.8	1	2	2	610.1	610.1	48.9	244.1	1.50	25.5	2.00	33.9
			4.20	4.71	0.51	2,692.8	3				CURBED SECTION						
		BRIDGE DEDUCTIONS								(47.4)	0.0	(3.8)	(49.4)	1.50	0.0	2.00	(6.9)
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)											**9,457.0**	**3,923.4**	**3,183.9**		**394.4**		**438.3**
1B	LIC	U.S. 62	4.71	4.89	0.18	950.4	3				CURBED SECTION						
			4.89	10.57	5.68	29,990.4	1	3	3	19,993.6	19,993.6	1,599.5	5,331.6	1.50	833.1	2.00	740.5
		BRIDGE DEDUCTIONS								(53.3)	(53.3)	(4.3)	(14.2)	1.50	(2.2)	2.00	(6.9)
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)											**19,940.3**	**6,912.6**	**5,320.4**		**830.9**		**733.6**

SHOULDER DATA

LIC-62-0.00

DESIGN AGENCY

DESIGNER LME

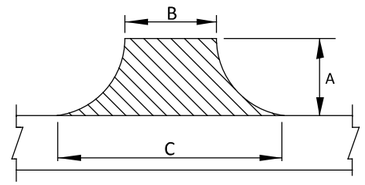
REVIEWER JSL 08/01/22

PROJECT ID 98002

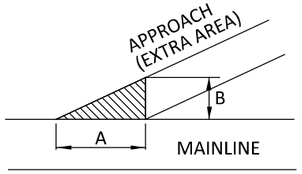
SHEET 8 TOTAL 27

EXTRA AREA DATA

LOCATION	COUNTY	ROUTE	DESCRIPTION	SIDE	INTERSECTIONS / DETAIL DIMENSION A	B	C	AREA	202 WEARING COURSE REMOVED	407 NON-TRACKING TACK COAT @ 0.08 GAL./S.Y.	441 THICKNESS	441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
					FT.	FT.	FT.	SQ. YD.	SQ. YD.	GAL.	IN.	CU. YD.
1A	LIC	U.S. 62	TIPPET RD. (T.R. 51)	LT	35	22	68	175.0	175.0	14.0	1.25	6.1
			BEECH RD. (T.R. 88)	RT	SKIP							
			GREEN CHAPEL RD. (T.R. 63)	RT	SKIP							
			FANCHER RD. (T.R. 87)	LT	40	19	63	182.3	182.3	14.6	1.25	6.4
			MILLER CHURCH RD. (T.R. 86)	LT	30	23	72	158.4	158.4	12.7	1.25	5.5
			CLOVER VALLEY RD. (C.R. 26)	RT	45	22	85	267.5	267.5	21.4	1.25	9.3
			DUNCAN PLAINS RD. (C.R. 33)	LT	45	65	175	600.0	600.0	48.0	1.25	20.9
			DUNCAN PLAINS RD. (C.R. 33)	RT	45	55	131	465.0	465.0	37.2	1.25	16.2
			CLARK DR.	RT	30	46	100	243.4	243.4	19.5	1.25	8.5
			CHERRY HILL DR.	LT	12	20	32	34.7	34.7	2.8	1.25	1.3
			WENDYS DR.	LT	10	32	67	55.0	55.0	4.4	1.25	2.0
			VILLAGE SQUARE DR.	RT	53	46	139	544.8	544.8	43.6	1.25	19.0
			BIGELOW DR.	RT	SKIP							
			WESTVIEW DR.	RT	SKIP							
			BENEDICT DR.	LT	SKIP							
			MEADOW LANE	RT	SKIP							
			WILLIAMS ST.	LT	SKIP							
			WILLIAMS ST.	RT	SKIP							
			OREGON ST.	L/R	RESURFACED WITH INTERSECTION (BUTT JOINT AT STAMPED CONCRETE CROSSWALK)							
			S.R. 37	L/R	RESURFACED WITH INTERSECTION (BUTT JOINT AT STAMPED CONCRETE CROSSWALK)							
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)									**2,726.1**	**218.2**		**95.2**
1B	LIC	U.S. 62	KASSON ST.	LT	20	21	32	58.9	58.9	4.8	1.25	2.1
			KASSON ST.	RT	SKIP							
			FORD ST.	RT	20	23	46	76.7	76.7	6.2	1.25	2.7
			YARDNER ST.	RT	20	21	27	53.4	53.4	4.3	1.25	1.9
			COMMERCE DR.	RT	RESURFACED WITH RIGHT TURN LANE AT INTERSECTION							
			SPORTSMAN CLUB RD. (C.R. 16)	RT	70	24	110	521.2	521.2	41.7	1.25	18.1
			CROUSE-WILLISON RD. (C.R. 13)	LT	30	24	53	128.4	128.4	10.3	1.25	4.5
			DUTCH LANE RD. (C.R. 15)	RT	45	19	79	245.0	245.0	19.6	1.25	8.6
			NICHOLS LANE RD. (C.R. 27)	LT	40	17	55	160.0	160.0	12.8	1.25	5.6
			NICHOLS LANE RD. (C.R. 27)	RT	35	20	55	145.9	145.9	11.7	1.25	5.1
			COOPER RD. N.W. (T.R. 60)	LT	45	19	77	240.0	240.0	19.2	1.25	8.4
			NORTHRIDGE RD. (C.R. 21)	RT	60	22	83	350.0	350.0	28.0	1.25	12.2
			LOUDON ST. (C.R. 10)	RT	30	23	70	155.0	155.0	12.4	1.25	5.4
			APPLETON RD. (C.R. 10)	LT	40	24	82	235.6	235.6	18.9	1.25	8.2
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)									**2,370.1**	**189.9**		**82.8**

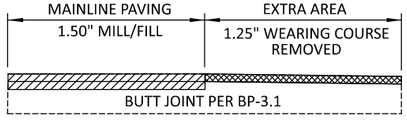


$$\text{AREA} = \left[\frac{A\,(B + C)}{2} \right] / 9$$



IF C = 0

$$\text{AREA} = \left[\frac{A}{2} \times B \right] / 9$$



EXTRA AREA DATA

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 9 TOTAL 27

LIC-62-0.00

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/7/2022 TIME: 9:58:47 AM USER: jlutz1
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\98002\400-Engineering\Roadway\Sheets\98002_GQ003.dgn

EDGE LINE DATA

LOCATION	COUNTY	ROUTE	S.L.M. FROM	S.L.M. TO	TOTAL LENGTH (MILES)	INFORMATION ONLY: WHITE EDGE LINE QUANTITIES TOTAL MILES	INFORMATION ONLY: WHITE EDGE LINE QUANTITIES HIGHWAY MILES	INFORMATION ONLY: WHITE EDGE LINE QUANTITIES BRIDGE MILES	618 **RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	644 EDGE LINE, 6"	646 EDGE LINE, 6"	646 REMOVAL OF PAVEMENT MARKING	REMARKS
													**NO RUMBLES ACROSS ALL BRIDGES/APPROACH SLABS
1	LIC	U.S. 62	0.00	0.45	0.45	0.90	0.90			0.90			
			0.71	3.32	2.61	5.22	5.22			5.22			
			3.53	3.64	0.11	0.22	0.22			0.22			
			3.86	3.90	0.04	0.08		0.08			0.08	0.08	EPOXY ON BRIDGE LIC-62-0387
			3.94	4.20	0.26	0.52	0.52			0.52			
			SIDE ROADS							0.04			DUNCAN PLAINS RD.
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)										**6.90**	**0.08**	**0.08**	
1B	LIC	U.S. 62	4.90	5.51	0.61	1.22	1.22			1.22			
			5.51	10.59	5.08	10.16	10.12	0.04	10.12	10.12	0.04	0.04	EPOXY ON BRIDGE LIC-62-1057
			SIDE ROADS							0.04			DUTCH LN., NORTHRIDGE RD.
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)									**10.12**	**11.38**	**0.04**	**0.04**	

CENTER LINE DATA

LOCATION	COUNTY	ROUTE	S.L.M. FROM	S.L.M. TO	TOTAL LENGTH (MILES)	INFORMATION ONLY: CENTER LINE QUANTITIES TOTAL MILES	INFORMATION ONLY: CENTER LINE QUANTITIES EQUIVALENT SOLID LINE	618 **RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRET) MILE	644 CENTER LINE MILE	646 CENTER LINE MILE	646 REMOVAL OF PAVEMENT MARKING MILE	REMARKS
												**NO RUMBLES ACROSS ALL BRIDGES/APPROACH SLABS
1A	LIC	U.S. 62	0.00	0.45	0.45	0.45	0.46	0.45	0.45			
			0.71	3.13	2.42	2.42	1.78	2.53	2.54			0.12 MILES ADDED FOR TURN LANES
			3.13	3.64	0.51	0.51	0.96		0.67			0.16 MILES ADDED FOR TURN LANES
			3.86	3.90	0.04	0.04	0.08			0.04	0.04	EPOXY ON BRIDGE LIC-62-0387
			3.94	4.20	0.26	0.26	0.52		0.26			
			4.20	4.56	0.36	0.36	0.90		0.72			TWO-WAY LEFT TURN LANE
			4.56	4.71	0.15	0.15	0.30		0.15			
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)								**2.98**	**4.79**	**0.04**	**0.04**	
1B	LIC	U.S. 62	4.71	5.51	0.80	0.80	0.81		0.80			
			5.51	10.59	5.08	5.08	4.47	5.19	5.19	0.02	0.02	EPOXY ON BRIDGE LIC-62-1057
												0.13 MILES ADDED FOR TURN LANES
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)								**5.19**	**5.99**	**0.02**	**0.02**	

CENTER LINE WORK SEQUENCE

RPM, RUMBLE STRIPE, AND CENTER LINE MARKING WORK SHALL BE PERFORMED AS FOLLOWS, AS DIRECTED BY THE ENGINEER:

1. PRE-MARK RPM'S AT LOCATIONS SHOWN IN RPM DATA TABLE
2. GRIND CENTER LINE RUMBLE STRIPES PER CMS 618 AND TC-64.10
3. APPLY CENTER LINE MARKING PER CMS 644
4. INSTALL RPM'S PER CMS 621 & TC-65.10, TC-65.11

PAVEMENT MARKING DATA - LONG LINE

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 12 TOTAL 27

LIC-62-0.00

AUXILARY MARKING DATA

LOCATION	COUNTY	ROUTE	DESCRIPTION	SIDE	644													REMARKS (PLACE AS DIRECTED BY THE ENGINEER AND/OR DETAILS BELOW) (STOP BARS SHALL BE PLACED A MINIMUM OF 4' FROM CROSSWALK LINE OR EDGE OF PAVED SHOULDER)
					CHANNELIZING LINE, 8"	STOP LINE, 24"	CROSSWALK LINE, 12"	TRANSEVERSE/ DIANGONAL LINES, 24"		SCHOOL SYMBOL MARKING		PARKING LOT STALL MARKING (WHITE)	LANE ARROW, 96"			WORD ON PAVEMENT		
													TURN			ONLY		
								WHITE	YELLOW	72"	96"		LT.	LT./THRU	RT.	72"	96"	
					FT.	FT.	FT.	FT.	FT.	EACH	EACH	FT.	EACH	EACH	EACH	EACH	EACH	
1A	LIC	U.S. 62	TIPPET RD. (T.R. 51)	LT		20												
			BEECH RD. (T.R. 88) TURN LANE	CL	NO WORK													
			GREEN CHAPEL RD. (T.R. 63)	RT	NO WORK													
			FANCHER RD. (T.R. 87)	LT		27												
			MILLERS CHURCH RD. (T.R. 86)	LT		23												
			CLOVER VALLEY RD. (C.R. 26)	RT		20												
			U.S. 62 AT DUNCAN PLAINS RD. (C.R. 33)	CL	560	46			215				6				2	SEE SHEET 14
			U.S. 62 FROM SLM 3.32 TO 3.64	CL	1,287	153	548	131	387				6	1	9		4	SEE SHEET 15
			U.S. 62 FROM SLM 3.64 TO 3.94	CL	NO WORK													
			U.S. 62 FROM SLM 4.20 TO 4.36	CL	70				98				6					SEE SHEET 16
			U.S. 62 FROM SLM 4.36 TO 4.56	CL					20				6					SEE SHEET 17
			U.S. 62 FROM SLM 4.56 TO 4.71	CL	418	81	472		8			120	7				3	SEE SHEET 18
			SUB-TOTALS					**131**	**728**				**31**	**1**	**9**			
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)					**2,335**	**370**	**1,020**	**859**				**120**		**41**			**9**	
1B	LIC	U.S. 62	U.S. 62 FROM SLM 4.71 TO 4.78	CL	135	29	148		46				1				1	SEE SHEET 18
			KASSON ST.	LT		10	42											SEE SHEET 18
			KASSON ST.	RT	NO WORK													
			FORD ST.	RT		17												
			U.S. 62 WB LANE IN FRONT OF FIREHOUSE	CL								240						150' L X 12' W (8' SPACING, 45 DEGREE SKEW)
			YARDNER ST.	RT		12												
			COMMERCE BLVD. RIGHT TURN LANE	CL	315	40							3				1	SEE SHEET 19
			SPORTSMAN CLUB RD. (C.R. 16)	RT		30												
			CROUSE-WILLISON RD. (C.R. 13)	LT		17												
			DUTCH LANE RD. (C.R. 15)	RT		31												
			NICHOLS LANE RD. (C.R. 27)	LT		14												
			NICHOLS LANE RD. (C.R. 27)	RT		19												
			COOPER RD. N.W. (T.R. 60)	LT		21												
			NORTHRIDGE RD. (C.R. 21)	RT		24												
			SLM 9.22								1							PLACE AT "RR XING" SIGN
			TURN LANE AT NORTHRIDGE HIGH SCHOOL	CL	270				272				2				1	SEE SHEET 20
			SLM 9.73								1							PLACE AT "RR XING" SIGN
			LOUDON ST. (C.R. 10)	RT		22												
			APPLETON RD. (C.R. 10)	LT		35												
			SUB-TOTALS						**318**				**6**					
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)					**720**	**321**	**190**	**318**			**2**	**240**	**6**				**3**	

PAVEMENT MARKING DATA - AUXILIARY

DESIGN AGENCY

DESIGNER LME

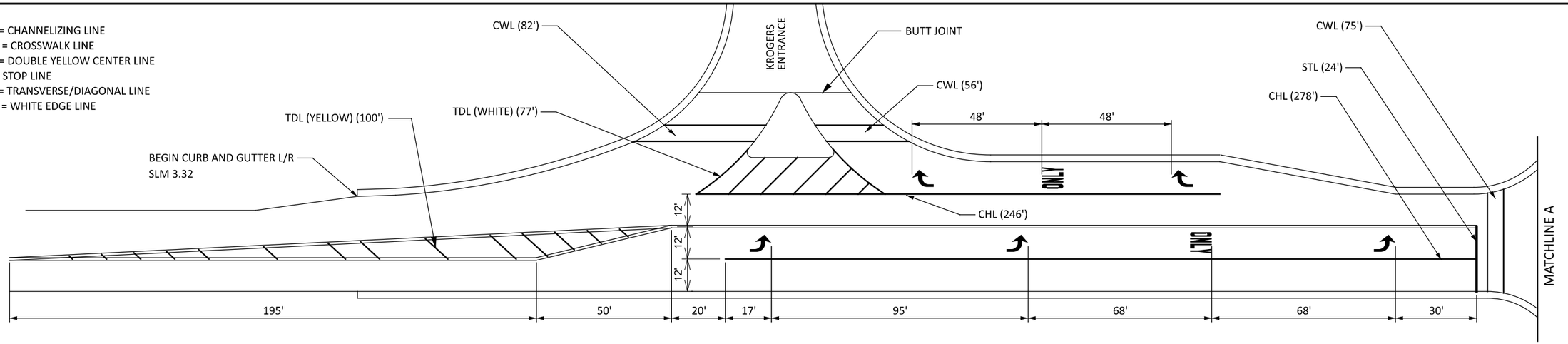
REVIEWER JSL 08/01/22

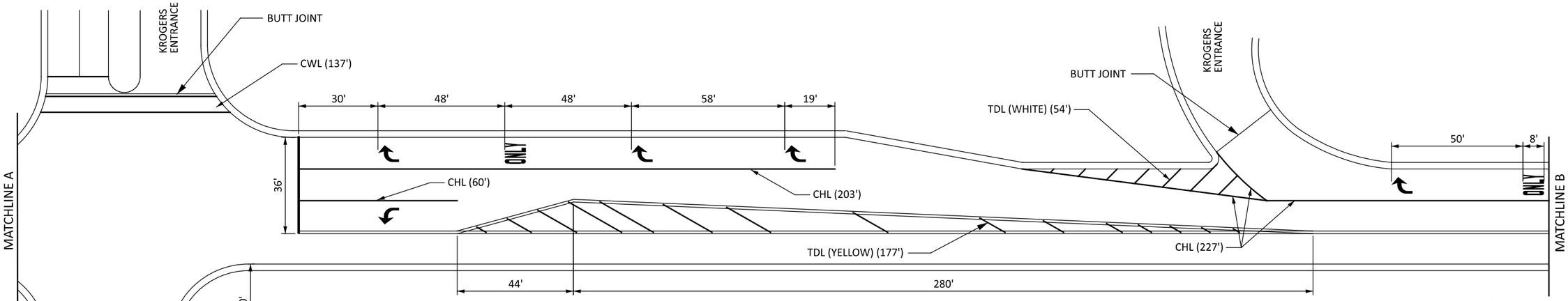
PROJECT ID 98002

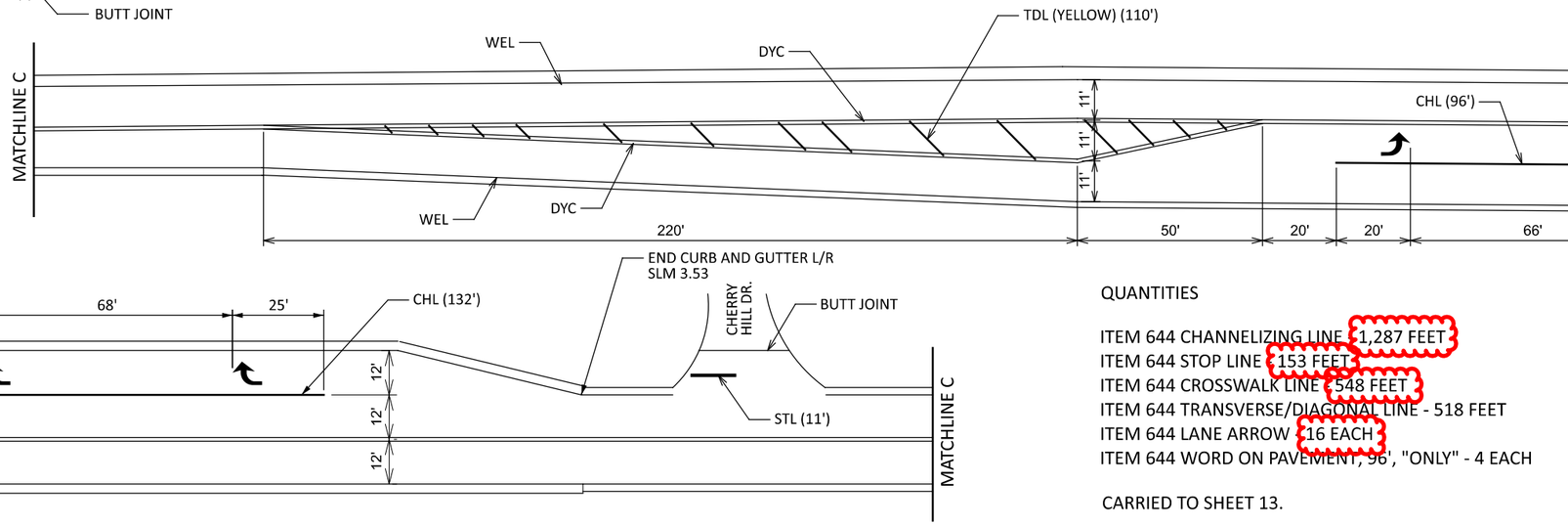
SHEET 13 TOTAL 27

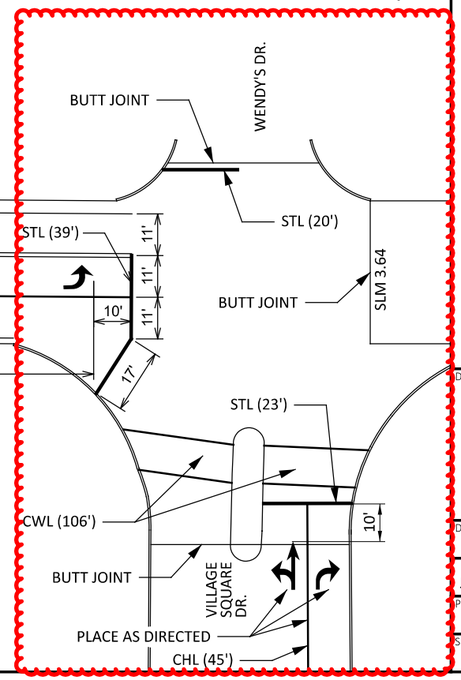
LIC-62-0.00

CHL = CHANNELIZING LINE
CWL = CROSSWALK LINE
DYC = DOUBLE YELLOW CENTER LINE
STL - STOP LINE
TDL = TRANSVERSE/DIAGONAL LINE
WEL = WHITE EDGE LINE









QUANTITIES

ITEM 644 CHANNELIZING LINE - 1,287 FEET
ITEM 644 STOP LINE - 153 FEET
ITEM 644 CROSSWALK LINE - 548 FEET
ITEM 644 TRANSVERSE/DIAGONAL LINE - 518 FEET
ITEM 644 LANE ARROW - 16 EACH
ITEM 644 WORD ON PAVEMENT, 96', "ONLY" - 4 EACH

CARRIED TO SHEET 13.

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET
JOHNSTOWN (SLM 3.32 TO 3.64)

DESIGN AGENCY

DESIGNER LME
REVIEWER JSL 08/01/22
PROJECT ID 98002
SHEET 15 TOTAL 27

LIC-62-0.00

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/7/2022 TIME: 10:00:24 AM USER: jlutz1
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\98002\400-Engineering\Roadway\Sheets\98002_TP002.dgn

DETAIL	SEE SCD TC-65.11
1	TAPERED ACCELERATION LANE
2	DECELERATION LANE
3	MULTILANE DIVIDED/CONTROLLED ACCESS
4	4-LANE DIVIDED TO 2-LANE TRANSITION
5	4-LANE UNDIVIDED TO 2-LANE TRANSITION
6	ONE LANE BRIDGE
7	STOP APPROACH

DETAIL	SEE SCD TC-65.11
8	THRU APPROACH
9	TWO-WAY LEFT TURN LANE
10	APPROACH WITH LEFT TURN LANE
11	HORIZONTAL CURVE 40' SPACING
12	HORIZONTAL CURVE 20' SPACING
GAP	CENTER LINE AT 80' TYPICAL SPACING
REM	SEE REMARKS

RAISED PAVEMENT MARKER DATA

LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		DETAIL	621 RAISED PAVEMENT MARKER REMOVED	621 RPM	PRISMATIC RETRO-REFLECTOR COLORS					REMARKS
										INFORMATION ONLY					
										ONE-WAY		TWO-WAY			
					MILES	LIN.FT.		EACH	EACH	WHITE	YELLOW	YELLOW / YELLOW	WHITE / RED	YELLOW / RED	
1A	LIC	U.S. 62	0.00	0.33	0.33	1,742	GAP	22	22			22			BEGIN LICKING CO.
			0.33	0.35	0.02	106	11	3	3			3			PC 0.33 PT 0.35 LENGTH 106' DEG 9
			0.35	0.45	0.10	528	GAP	7	7			7			
			0.45	0.71	0.26	1,373	GAP	NO RPM'S (SEE PID 109329)							LEFT TURN AT BEECH RD.
			0.71	2.44	1.73	9,134	GAP	114	114			114			
			2.44	2.76	0.32	1,690	7 / 10	75	75	32		29	14		LEFT TURNS AT CLOVER VALLEY & DUNCAN PLAINS RD.
			2.76	3.13	0.37	1,954	GAP	24	24			24			SUSPEND AT JOHNSTOWN CORP.
	SUB-TOTALS									32		199	14		
LOCATION 1A TOTALS (CARRIED TO SUB-SUMMARY)								**245**	**245**						
1B	LIC	U.S. 62	5.51	9.33	3.82	20,170	GAP	252	252			252			RESUME AFTER JOHNSTOWN CORP.
			9.33	9.52	0.19	1,003	10	28	28			22	6		LEFT TURN LANE AT NORTHRIDGE HIGH SCHOOL
			9.52	10.57	1.05	5,544	GAP	69	69			69			
	SUB-TOTALS											343	6		
LOCATION 1B TOTALS (CARRIED TO SUB-SUMMARY)								**349**	**349**						

RAISED PAVEMENT MARKER DATA

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 21 TOTAL 27

LIC-62-0.00

LOCATION 1A SHEET TOTALS									ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
2	3	7	8	9	10	12	13	21					
													ROADWAY
				2,727					202	23500	2,727	SY	WEARING COURSE REMOVED
6.26									209	60500	6.26	MILE	LINEAR GRADING
													DRAINAGE
	5								611	98630	5	EACH	CATCH BASIN ADJUSTED TO GRADE
	6								611	99654	6	EACH	MANHOLE ADJUSTED TO GRADE
	13								638	10800	13	EACH	VALVE BOX ADJUSTED TO GRADE
													PAVEMENT
250									253	01000	250	CY	PAVEMENT REPAIR
	1,320	62,046	9,457		416				254	01000	73,239	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
		4,965	3,924	219	40				407	20000	9,148	GAL	NON-TRACKING TACK COAT
			3,184						408	10001	3,184	GAL	PRIME COAT, AS PER PLAN
					73				409	30000	73	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS
	50	2,587	395		18				441	50100	3,050	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
				96					441	70000	96	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
					88				516	31011	88	FT	2" DEEP JOINT SEALER, AS PER PLAN (A)
			439						617	10101	439	CY	COMPACTED AGGREGATE, AS PER PLAN
						2.98			618	43000	2.98	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)
	1.43								874	21001	1.43	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (A)
	1.44								874	21001	1.44	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (B)
													TRAFFIC CONTROL
								245	621	00100	245	EACH	RPM
								245	621	54000	245	EACH	RAISED PAVEMENT MARKER REMOVED
						6.90			644	00104	6.90	MILE	EDGE LINE, 6"
						4.79			644	00300	4.79	MILE	CENTER LINE
							2,335		644	00400	2,335	FT	CHANNELIZING LINE, 8"
							370		644	00500	370	FT	STOP LINE
							1,020		644	00620	1,020	FT	CROSSWALK LINE, 12"
							859		644	00700	859	FT	TRANSVERSE/DIAGONAL LINE
							120		644	01200	120	FT	PARKING LOT STALL MARKING
							41		644	01300	41	EACH	LANE ARROW
							9		644	01410	9	EACH	WORD ON PAVEMENT, 96"

LOCATION 1A SUB-SUMMARY

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 22 TOTAL 27

LIC-62-0.00

LOCATION 1B SHEET TOTALS									ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
2	3	7	8	9	10	12	13	21					
													ROADWAY
				2,371					202	23500	2,371	SY	WEARING COURSE REMOVED
10.12									209	60500	10.12	MILE	LINEAR GRADING
													DRAINAGE
	1								611	98630	1	EACH	CATCH BASIN ADJUSTED TO GRADE
	1								611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE
	2								638	10800	2	EACH	VALVE BOX ADJUSTED TO GRADE
													PAVEMENT
250									253	01000	250	CY	PAVEMENT REPAIR
	1,470	85,321	19,941		356				254	01000	107,088	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
		6,826	6,913	190	29				407	20000	13,958	GAL	NON-TRACKING TACK COAT
			5,321						408	10001	5,321	GAL	PRIME COAT, AS PER PLAN
					80				409	30000	80	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS
	55	3,556	831						441	50100	4,442	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
				83	15				441	70000	98	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
					30				516	31011	30	FT	2" DEEP JOINT SEALER, AS PER PLAN (A)
			734						617	10101	734	CY	COMPACTED AGGREGATE, AS PER PLAN
						10.12			618	41000	10.12	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)
						5.19			618	43000	5.19	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)
	2.55								874	21001	2.55	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (A)
	2.51								874	21001	2.51	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (B)
													TRAFFIC CONTROL
							349		621	00100	349	EACH	RPM
							349		621	54000	349	EACH	RAISED PAVEMENT MARKER REMOVED
						11.38			644	00104	11.38	MILE	EDGE LINE, 6"
						5.99			644	00300	5.99	MILE	CENTER LINE
							720		644	00400	720	FT	CHANNELIZING LINE, 8"
							321		644	00500	321	FT	STOP LINE
							190		644	00620	190	FT	CROSSWALK LINE, 12"
							318		644	00700	318	FT	TRANSVERSE/DIAGONAL LINE
							2		644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"
							6		644	01300	6	EACH	LANE ARROW
							3		644	01410	3	EACH	WORD ON PAVEMENT, 96"

LOCATION 1B SUB-SUMMARY

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 24 TOTAL 27

LIC-62-0.00

LOCATION TOTALS		PLAN SPLITS				ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
LOC 1A	LOC 1B	01/NHS/PV	02/STR/PV	03/NHS/BR	04/STR/BR						
										ROADWAY	
2,727	2,371	2,727	2,371			202	23500	5,098	SY	WEARING COURSE REMOVED	
6.26	10.12	6.26	10.12			209	60500	16.38	MILE	LINEAR GRADING	
										DRAINAGE	
5	1	5	1			611	98630	6	EACH	CATCH BASIN ADJUSTED TO GRADE	
6	1	6	1			611	99654	7	EACH	MANHOLE ADJUSTED TO GRADE	
13	2	13	2			638	10800	15	EACH	VALVE BOX ADJUSTED TO GRADE	
										PAVEMENT	
250	250	250	250			253	02000	500	CY	PAVEMENT REPAIR	
73,239	107,088	73,239	107,088			254	01000	180,327	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"	
9,148	13,958	9,148	13,958			407	20000	23,106	GAL	NON-TRACKING TACK COAT	
3,184	5,321	3,184	5,321			408	10001	8,505	GAL	PRIME COAT, AS PER PLAN	3
73	80	73	80			409	30000	153	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
3,050	4,442	3,050	4,442			441	50100	7,492	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
96	98	96	98			441	70000	194	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
88	30	88	30			516	31011	118	FT	2" DEEP JOINT SEALER, AS PER PLAN (A)	2
439	734	439	734			617	10101	1,173	CY	COMPACTED AGGREGATE, AS PER PLAN	2
	10.12		10.12			618	41000	10.12	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
2.98	5.19	2.98	5.19			618	43000	8.17	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
1.43	2.55	1.43	2.55			874	21001	3.98	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (A)	3
1.44	2.51	1.44	2.51			874	21001	3.95	MILE	LONGITUDINAL JOINT PREPARATION, AS PER PLAN (B)	3
										TRAFFIC CONTROL	
245	349	245	349			621	00100	594	EACH	RPM	
245	349	245	349			621	54000	594	EACH	RAISED PAVEMENT MARKER REMOVED	
6.90	11.38	6.90	11.38			644	00104	18.28	MILE	EDGE LINE, 6"	
4.79	5.99	4.79	5.99			644	00300	10.78	MILE	CENTER LINE	
2,335	720	2,335	720			644	00400	3,055	FT	CHANNELIZING LINE, 8"	
370	321	370	321			644	00500	691	FT	STOP LINE	
1,020	190	1,020	190			644	00620	1,210	FT	CROSSWALK LINE, 12"	
859	318	859	318			644	00700	1,177	FT	TRANSVERSE/DIAGONAL LINE	
	2		2			644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"	
120		120				644	01200	120	FT	PARKING LOT STALL MARKING	
41	6	41	6			644	01300	47	EACH	LANE ARROW	
9	3	9	3			644	01410	12	EACH	WORD ON PAVEMENT, 96"	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER LME

REVIEWER JSL 08/01/22

PROJECT ID 98002

SHEET 26 TOTAL 27

LIC-62-0.00