

**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

CABLE BREEZELINE 105 BLAZE INDUSTRIAL PKWY BEREA, OH 44017 866.496.9669	CITY AVON LAKE UTILITIES 150 AVON BELDEN ROAD AVON LAKE, OH 44012 440.933.6226
CITY CITY OF AVON 36080 CHESTER ROAD AVON, OH 44011 440.937.7803	COMMUNICATION BRIGHTSPEED 203 W. 9TH STREET LORAIN, OH 44052 440.244.8330
ELECTRIC CLEVELAND ELECTRIC ILLUMINATING COMPANY 6896 MILLER RD, SUITE 101 BRECKSVILLE, OH 44141 440.546.8748	CITY CITY OF ELYRIA 131 COURT STREET ELYRIA, OH 44035 440.326.1444
GAS TC ENERGY 589 N STATE ROAD MEDINA, OH 44256 330.721.4163	CITY CITY OF ELYRIA 131 COURT STREET ELYRIA, OH 44035 440.326.1570
GAS KNOX ENERGY 11872 WORTHINGTON RD PATASKALA, OH 43062 740.927.6731	COUNTY LORAIN COUNTY ENGINEER 247 HADAWAY STREET ELYRIA, OH 44035 440.329.5586
COMMUNICATION AT&T OHIO 130 N ERIE STREET TOLEDO, OH 43604 419.245.7244	TRAFFIC ODOT DISTRICT THREE 906 CLARK AVENUE ASHLAND, OH 44805 419.207.2868
TRAFFIC ODOT OFFICE OF TRAFFIC OPERATIONS 1980 W BROAD STREET COLUMBUS, OH 43223 614.644.0270	ELECTRIC OHIO EDISON 1717 ASHLAND ROAD MANSFIELD, OH 44905 419.521.6214
COMMUNICATION EVERSTREAM SOLUTIONS 800 W ST CLAIR, 2ND FLOOR CLEVELAND, OH 44113 216.581.7972	GAS COLUMBIA GAS OF OHIO 3101 NORTH RIDGE RD E LORAIN, OH 44055 440.240.6144
WATER RLCWA 42401 S.R. 303 LAGRANGE, OH 44050 440.355.6060	VILLAGE VILLAGE OF SHEFFIELD 4820 DETROIT ROAD ELYRIA, OH 44035 440.949.6325
COMMUNICATION WINDSTREAM 560 TERNES AVENUE ELYRIA, OH 44035 440.329.4245	CABLE CHARTER COMMUNICATIONS 5520 WHIPPLE AVENUE NW NORTH CANTON, OH 44720 330.494.9200
COMMUNICATION ZAYO FIBER SOLUTIONS 4199 KINROSS LAKES PARKWAY RICHFIELD, OH 44286 740.501.6921	

THE AFOREMENTIONED UTILITY COMPANIES AND AGENCIES HAVE VARIOUS FACILITIES IN THE AREA THAT WILL REMAIN IN PLACE DURING CONSTRUCTION.

EXTREME CAUTION SHOULD BE EXERCISED IN AREAS WITH UTILITIES. SECTIONS 105.07 AND 107.16 OF THE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS REQUIRE, AMONG OTHER THINGS, THAT THE CONTRACTOR COOPERATE WITH ALL UTILITIES LOCATED WITHIN THE LIMITS OF THIS CONSTRUCTION PROJECT AND TAKE RESPONSIBILITY FOR THE PROTECTION OF THE UTILITY PROPERTY AND SERVICES.

**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.

**ROUTINE MAINTENANCE**

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

**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 17 FT ON IR 90. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND THE DISTRICT THREE FAA COORDINATOR, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA VIA THE FAA OBSTRUCTION EVALUATION GROUP'S ONLINE PROJECT FILING PROCESS. NOTIFY THE ODOT DISTRICT THREE FAA COORDINATOR WHEN SUBMITTING 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 AND THE DISTRICT FAA COORDINATOR VIA EMAIL AT [ethan.caudill@dot.ohio.gov](mailto:ethan.caudill@dot.ohio.gov)

FEDERAL AVIATION ADMINISTRATION SOUTHWEST REGIONAL OFFICE OBSTRUCTION EVALUATION GROUP 10101 HILLWOOD PARKWAY FORT WORTH, TX 76177 FAX: 817.222.5920 <a href="http://oeaaa.faa.gov">http://oeaaa.faa.gov</a>	ODOT DISTRICT THREE DISTRICT FAA COORDINATOR 906 CLARK AVENUE ASHLAND, OHIO 44805 419.207.7175 <a href="mailto:ethan.caudill@dot.ohio.gov">ethan.caudill@dot.ohio.gov</a>
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**ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (442)**

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING ASPHALT CONCRETE PAVEMENT IN AREAS OF EXISTING PAVEMENT FAILURE.

THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 2". THE REPAIRS WILL HAVE AN AVERAGE WIDTH OF 24 FT AND AN AVERAGE LENGTH OF 4 FT FOR ESTIMATING PURPOSES. THE CONTRACTOR SHALL BE CAPABLE OF PERFORMING PAVEMENT REPAIRS 2 FEET WIDE.

REPLACEMENT MATERIAL SHALL BE ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (449) MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

THE REPAIRS SHALL BE FINISHED FLUSH WITH THE ADJACENT PAVEMENT SURFACE BEFORE OPENING THE LANE TO TRAFFIC.

APPROXIMATE QUANTITIES OF LONGITUDINAL AND TRANSVERSE REPAIRS ARE SHOWN ON THE PAVEMENT DATA SHEET TO BE USED AS DIRECTED BY THE ENGINEER.

LONGITUDINAL IS DEFINED AS ANY REPAIR THAT HAS A GREATER MEASUREMENT PARALLEL TO THE CENTERLINE THAN THE MEASUREMENT PERPENDICULAR TO THE CENTERLINE.  
TRANSVERSE IS DEFINED AS ANY REPAIR THAT HAS A GREATER MEASUREMENT PERPENDICULAR TO THE CENTERLINE THAN THE MEASUREMENT PARALLEL TO THE CENTERLINE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES, ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR IS TO BE A MAXIMUM OF 2" DEEP.

**ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (VARIES 0.0"-0.5")**


THE INTENT OF THE PLANING IS TO SMOOTH THE COMPLETED ASPHALT REPAIRS. PLANING IS TO BE PERFORMED WITHIN 14 DAYS AFTER COMPLETION OF THE PAVEMENT REPAIR. THESE AREAS MAY VARY IN DEPTH, AS DIRECTED BY THE ENGINEER

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE ABOVE WORK. PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER SY OF ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A.

**PAVEMENT MARKING AND RPM REPLACEMENT ITEMS**

ESTIMATED QUANTITIES FOR PAVEMENT MARKINGS AND RPMs ARE SHOWN ON THE PAVEMENT MARKING DATA SHEET. THE INTENT IS TO REPLACE THE PAVEMENT MARKINGS AND RPMs AFFECTED BY THE PAVEMENT REPAIRS ON THE PROJECT.

DESIGN AGENCY  
DISTRICT 3



ENGINEERING  
TEAM ONE

DESIGNER  
CVH

REVIEWER  
KRB 04/2024

PROJECT ID  
121676

SHEET	TOTAL
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SLM		DIRECTION	REPAIR AREA (ESTIMATED AREA)	DEPTH IN	251			897
					PARTIAL DEPTH PAVEMENT REPAIR (442)			PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (0.0" - 0.5")
BEGIN	END		SY		CY		SY	
					LONGITUDINAL	TRANSVERSE	TOTAL	
10.78	11.00	EB	198	2.00	1	10	11	198
11.00	12.00	EB	162	2.00		9	9	162
12.00	13.00	EB	972	2.00	1	53	54	972
13.00	14.00	EB	342	2.00		19	19	342
14.00	15.00	EB	522	2.00	1	28	29	522
15.00	16.00	EB	378	2.00		21	21	378
16.00	17.00	EB	1404	2.00	1	77	78	1404
17.00	18.00	EB	2394	2.00	23	110	133	2394
18.00	18.61	EB	1566	2.00		87	87	1566
TOTAL					27	414	441	7938
10.78	11.00	WB	288	2.00	1	15	16	288
11.00	12.00	WB	162	2.00		9	9	162
12.00	13.00	WB	432	2.00	1	23	24	432
13.00	14.00	WB	126	2.00	1	6	7	126
14.00	15.00	WB	594	2.00	1	32	33	594
15.00	16.00	WB	648	2.00	1	35	36	648
16.00	17.00	WB	2682	2.00	40	109	149	2682
17.00	18.00	WB	3096	2.00	51	121	172	3096
18.00	18.61	WB	2106	2.00	1	116	117	2106
TOTAL					97	466	563	10134
GRAND TOTAL					124	880	1004	18072

PAVEMENT DATA

DESIGN AGENCY  
DISTRICT 3



ENGINEERING  
TEAM ONE

DESIGNER  
CVH

REVIEWER  
KRB 04/2024

PROJECT ID  
121676

SHEET TOTAL  
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