

**GENERAL**

**UTILITIES (G102A)**

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

CABLE  
ARMSTRONG UTILITIES  
1141 LAFAYETTE ROAD  
MEDINA, OH 44256  
330.722.3141

CABLE  
CHARTER COMMUNICATIONS  
5520 WHIPPLE AVENUE NW  
NORTH CANTON, OH 44720  
330.494.9200

CABLE  
BREEZELINE  
105 BLAZE INDUSTRIAL PARKWAY  
BEREA, OH 44017  
866.496.9669

COMMUNICATION  
AT&T OHIO  
130 N. ERIE STREET  
TOLEDO, OH 43604  
419.245.7244

COMMUNICATION  
FRONTIER COM  
83 TOWNSEND AVENUE  
NORWALK, OH 44857  
419.744.3613

COMMUNICATION  
VERIZON BUSINESS  
120 RAVINE STREET  
AKRON, OH 44303  
330.253.8267

COMMUNICATION  
AT&T TRANSMISSION  
5980 WILCOX PLACE  
DUBLIN, OH 43016  
614.760.8320

COMMUNICATION  
EVERSTREAM SOLUTIONS  
800 W. ST. CLAIR, 2ND FLOOR  
CLEVELAND, OH 44113  
216.581.7972

COUNTY  
MEDINA COUNTY SANITARY ENGINEER  
790 W. SMITH ROAD  
MEDINA, OH 44256  
330.764.8331

ELECTRIC  
OHIO EDISON  
1717 ASHLAND ROAD  
MANSFIELD, OH 44905  
419.521.6214

ELECTRIC  
CLEVELAND ELECTRIC ILLUMINATING  
6896 MILLER ROAD, SUITE 101  
BRECKSVILLE, OH 44141  
440.546.8748

GAS  
DOMINION  
320 SPRINGSIDE DRIVE, SUITE 320  
AKRON, OH 44333  
800.362.7557

GAS  
KNOX ENERGY  
11872 WORTHINGTON ROAD  
PATASKALA, OH 43062  
740.927.6731

GAS  
BUCKEYE OIL PIPELINE COMPANY  
P.O. BOX 542  
MANTUA, OH 44255  
330.931.8309

GAS  
ENERGY TRANSFER  
525 FRITZTOWN ROAD  
SINKING SPRING, PA 19608  
610.670.3279

GAS  
MFC DRILLING COMPANY  
46281 U.S. HIGHWAY 36  
COSHOCOTON, OH 43812  
740.622.5600

GAS  
ASPIRE ENERGY  
300 TRACY BRIDGE ROAD  
ORRVILLE, OH 44667  
330.682.7726

GAS  
COLUMBIA GAS OF OHIO  
7080 FRY ROAD  
MIDDLEBURG HEIGHTS, OH 44130  
440.891.2428

GAS  
T. DAVIS OIL AND GAS  
6630 E. LINCOLN WAY  
WOOSTER, OH 44691

TRAFFIC  
ODOT DISTRICT THREE  
906 CLARK AVENUE  
ASHLAND, OH 44805  
419.207.2868

TRAFFIC  
ODOT DISTRICT TWELVE  
5500 TRANSPORTATION BLVD  
GARFIELD HEIGHTS, OH 44125  
216.584.2190

TRAFFIC  
ODOT OFFICE OF TRAFFIC OPERATIONS  
1980 W. BROAD STREET  
COLUMBUS, OH 43223  
614.644.0270

FIBER OPTIC  
WINDSTREAM  
560 TERNES AVENUE  
ELYRIA, OH 44035  
440.329.4245

WATER  
CITY OF CLEVELAND DIVISION OF WATER  
1201 LAKESIDE AVENUE  
CLEVELAND, OH 44114  
216.664.2444

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.

**EXISTING PLANS (G103)**

EXISTING PLANS ENTITLED MED-71-15.78 (2017) MAY BE INSPECTED IN THE ODOT DISTRICT THREE OFFICE IN ASHLAND.

**WORK LIMITS (G106)**

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.

**ROADWAY**

**ITEM 209 – LINEAR GRADING**

THE CONTRACTOR IS REQUIRED TO PERFORM LINEAR GRADING ON THE GRADED SHOULDER. IT IS ANTICIPATED THAT THERE ARE AREAS WHERE THE GRADED SHOULDER IS AT A HIGHER ELEVATION THAN THE ADJACENT PROPOSED PAVEMENT. A 10:1 SLOPE SHALL BE ESTABLISHED, OR AS DIRECTED BY THE ENGINEER, WHEN PERFORMING ITEM 209 LINEAR GRADING. THE INTENT IS TO PROVIDE AN UNOBSTRUCTED AND POSITIVE FLOW OF STORM WATER FROM THE PAVEMENT TO THE DITCH. THE LINEAR GRADING ITEM WILL INCLUDE PERFORMING GRADING IN LOCATIONS OF EXISTING GUARDRAIL AND ANTICIPATED AREAS UNDER THE GUARDRAIL AS DIRECTED BY THE ENGINEER TO ACHIEVE POSITIVE DRAINAGE FROM THE PAVEMENT. ALL LABOR AND EQUIPMENT NECESSARY TO PERFORM THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER MILE FOR ITEM 209 - LINEAR GRADING.

**DRAINAGE**

**ITEM 611 – CASTINGS ADJUSTED TO GRADE**

THE CASTING TO BE ADJUSTED MAY OR MAY NOT HAVE AN EXISTING FRAME. THE WORK SHALL CONSIST OF ADJUSTING THE EXISTING CASTING TO THE SATISFACTION OF THE ENGINEER. IT IS NOT INTENDED TO PLACE NEW FRAMES WHERE NONE CURRENTLY EXIST. THE CONTRACTOR IS REMINDED TO FIELD CHECK ALL ADJUSTMENT TO GRADE ITEMS PRIOR TO BIDDING, AS NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR LABOR AND MATERIALS REQUIRED TO SATISFACTORILY ADJUST CASTINGS WITHOUT FRAMES.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY AND LISTED UNDER THE APPROPRIATE ITEM:

**MED-71 NORTHBOUND:**

SLM	CASTING TYPE	SLM	CASTING TYPE
16.85	CATCH BASIN (2)	20.88	CATCH BASIN (2)
18.74	CATCH BASIN (2)	22.70	CATCH BASIN (1)
19.21	CATCH BASIN (1)	24.06	CATCH BASIN (2)
19.97	CATCH BASIN (2)		

**MED-71 SOUTHBOUND:**

SLM	CASTING TYPE	SLM	CASTING TYPE
16.85	CATCH BASIN (2)	19.97	CATCH BASIN (2)
18.74	CATCH BASIN (2)	20.88	CATCH BASIN (2)
19.21	CATCH BASIN (1)	24.06	CATCH BASIN (2)

ITEM 611 – CATCH BASIN ADJUSTED TO GRADE 23 EACH

**PAVEMENT**

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)**

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE.

PAVEMENT REPAIR SHALL BE PERFORMED PRIOR TO PAVEMENT PLANING AND BEFORE PLACEMENT OF THE FINE GRADED POLYMER ASPHALT CONCRETE. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 4". THE MINIMUM WIDTH OF REPAIR SHALL BE 4FT.

REPLACEMENT MATERIAL SHALL BE ITEM 301 ASPHALT CONCRETE BASE MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

FOR BID AND ESTIMATING PURPOSES, APPROXIMATELY 90% OF THE REPAIRS ARE TO BE CONSIDERED LONGITUDINAL REPAIRS AND 10% ARE TO BE CONSIDERED TRANSVERSE REPAIRS UNLESS OTHERWISE STATED. THIS APPROXIMATION IS SHOWN IN THE QUANTITIES BELOW.

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 4" DEEP. THE FOLLOWING ITEMS AND QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL)	981 CY
ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE)	109 CY

**ITEM 253 - PAVEMENT REPAIR (FULL DEPTH FLEXIBLE)**

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE.

PAVEMENT REPAIR SHALL BE PERFORMED PRIOR TO PAVEMENT PLANING AND BEFORE PLACEMENT OF THE FINE GRADED POLYMER ASPHALT CONCRETE. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 12 INCHES AND A MINIMUM WIDTH OF 4 FT. FOR FULL DEPTH REPAIRS WHERE CONCRETE IS UNDERLYING ASPHALT BUT CONCRETE IS NOT BEING REPLACED AS PART OF THE REPAIR, REMOVE ALL ASPHALT TO THE TOP OF CONCRETE THEN COMPLETE FLEXIBLE REPAIR ON TOP OF EXISTING CONCRETE.

REPLACEMENT MATERIAL SHALL BE ITEM 301 ASPHALT CONCRETE BASE MATERIAL WITH A MAXIMUM LIFT THICKNESS OF 6 INCHES AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

FOR BID AND ESTIMATING PURPOSES, APPROXIMATELY 90% OF THE REPAIRS ARE TO BE CONSIDERED LONGITUDINAL REPAIRS AND 10% ARE TO BE CONSIDERED TRANSVERSE REPAIRS UNLESS OTHERWISE STATED. THIS APPROXIMATION IS SHOWN IN THE QUANTITIES BELOW.

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 253 PAVEMENT REPAIR IS TO BE A MAXIMUM OF 12 INCHES DEEP. THE FOLLOWING ITEMS AND QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 253 – PAVEMENT REPAIR (LONGITUDINAL)	98 CY
ITEM 253 – PAVEMENT REPAIR (TRANSVERSE)	11 CY

**ITEM 253 – PAVEMENT REPAIR, AS PER PLAN (BRIDGE APPROACHES)**

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING ASPHALT PAVEMENT OR PAVED ASPHALT BERM IN AREAS OF EXISTING PAVEMENT FAILURE.

PAVEMENT REPAIR, AS PER PLAN SHALL BE PERFORMED PRIOR TO PAVEMENT PLANING AND BEFORE PLACEMENT OF THE FINE GRADED POLYMER ASPHALT CONCRETE. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 6" AND MINIMUM WIDTH OF 4 FEET.

REPLACEMENT MATERIAL SHALL BE ITEM 301 ASPHALT CONCRETE BASE MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE (SEE SHEET 8 FOR FURTHER DETAILS).

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO ALL CATCH BASINS, INLETS, AND DITCHES.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES, ITEM 253 PAVEMENT REPAIR, AS PER PLAN IS TO BE A MAXIMUM OF 6" DEEP. ITEMS AND QUANTITIES ARE PROVIDED ON SHEET 26 TO BE USED AS DIRECTED BY THE ENGINEER.

**ITEM 253 – PAVEMENT REPAIR (BRIDGE APPROACHES)**

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING ASPHALT PAVEMENT OR PAVED ASPHALT BERM IN AREAS OF EXISTING PAVEMENT FAILURE.

PAVEMENT REPAIR SHALL BE PERFORMED THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 8.50" AND MINIMUM WIDTH OF 4 FEET.

REPLACEMENT MATERIAL SHALL BE ITEM 301 – ASPHALT CONCRETE BASE, PG64-22 (449) AND SHALL BE PLACED AND COMPACTED TO FINISH 6" BELOW THE ADJACENT PAVEMENT SURFACE. (ITEM 301 ASPHALT CONCRETE BASE CAN BE USED WHEN THE DEPTH OF REPAIR IS ABOVE 3" WITH A MAXIMUM LIFT THICKNESS OF 6").

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES, ITEM 253 PAVEMENT REPAIR IS TO BE A MAXIMUM OF 8.50" DEEP. THE FOLLOWING ITEMS AND QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 253 – PAVEMENT REPAIR	200 CY
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**ITEM 203 – EXCAVATION, AS PER PLAN  
ITEM 304 – AGGREGATE BASE, AS PER PLAN**

THIS WORK SHALL BE PERFORMED AT FULL DEPTH CONCRETE REPAIR AREAS ON THE MED-71 NORTHBOUND EXIT RAMP TO STATE ROUTE 303 TO REPLACE DISTURBED OR DETERIORATED BASE MATERIAL UNDERNEATH THE EXISTING CONCRETE PAVEMENT. EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK AND SHALL BE MADE AT THE UNIT PRICE BID PER CUBIC YARD FOR ITEM 203 – EXCAVATION, AS PER PLAN AND ITEM 304 – AGGREGATE BASE, AS PER PLAN.


ITEM 203 – EXCAVATION, AS PER PLAN	25 CY
ITEM 304 – AGGREGATE BASE, AS PER PLAN	25 CY

GENERAL NOTES

MED-71-15.79

MODEL: GEN NOTES 1 PAPER SIZE: 34x22 (in.) DATE: 11/27/2024 TIME: 2:51:49 PM USER: amellen  
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DESIGN AGENCY  
**DISTRICT 3**



ENGINEERING  
TEAM THREE

DESIGNER  
**ACM**

REVIEWER  
**KCK 07-31-24**

PROJECT ID  
**118791**

SUBSET	TOTAL
1	2

SHEET	TOTAL
P.9	37