

# GENERAL

## UTILITIES (G102A)

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

CABLE CHARTER COMMUNICATIONS 5520 WHIPPLE AVENUE NW NORTH CANTON, OH 44720 330.494.9200	CABLE WIDE OPEN WEST 105 BLAZE INDUSTRIAL PKWY BEREA, OH 44017 866.496.9669
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CITY CITY OF LORAIN 200 W. ERIE AVENUE LORAIN, OH 44052 440.204.2003	COMMUNICATION EVERSTREAM SOLUTIONS 800 W ST CLAIR, 2ND FLOOR CLEVELAND, OH 44113 216.581.7972
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COMMUNICATION JOB 8 LLC 800 WOODLANDS PARKWAY #102 RIDGELAND, MS 39157 601.956.9556	COMMUNICATION LEVEL 3 COMMUNICATIONS 106 SOUTH ARLINGTON STREET AKRON, OH 44306 740.275.1133
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COMMUNICATION LUMEN 175 ASHLAND ROAD, P.O. BOX 3555 MANSFIELD, OH 44907 419.755.7956	COMMUNICATION WINDSTREAM 560 TERNES AVENUE ELYRIA, OH 44035 440.329.4245
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ELECTRIC OHIO EDISON 1717 ASHLAND ROAD MANSFIELD, OH 44905 419.521.6213	GAS COLUMBIA GAS OF OHIO 3101 NORTH RIDGE RD E LORAIN, OH 44055 440.240.6144
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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.

## CONSTRUCTION NOISE (G104)

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7:00PM AND 7:30AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

## 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.

## COORDINATION OF WORK BETWEEN CONTRACTORS

THE CONTRACTOR SHOULD BE AWARE THAT THERE MAY BE OTHER WORK BEING PERFORMED BY A SEPARATE CONTRACT. THE FOLLOWING PROJECTS ARE SCHEDULED TO COMPLETE WORK IN THE 2022 CONSTRUCTION SEASON. COORDINATION OF WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.

- ERI-60-8.92 PID 101445 IS AN ODOT-LET RESURFACING CONTRACT.
- THE CITY OF VERMILION IS PERFORMING A WATER LINE IMPROVEMENT PROJECT ON THE SOUTH SIDE OF LIBERTY AVE. (U.S. 6) FROM SOUTH SHORE COURT TO EAST OF NIAGARA ROAD THAT IS SCHEDULED TO BEGIN WORK IN THE 2022 CONSTRUCTION SEASON. THE CONTRACTOR SHALL NOT BEGIN WORK WEST OF STRUCTURE LOR-6-0.86 UNTIL THE WATER LINE PROJECT IN THIS AREA IS FINALIZED. COORDINATE WORK IN THIS AREA CLOSELY WITH THE CITY OF VERMILION REPRESENTATIVES. COMPLETION OF THE WORK IN THIS PLAN IN THE AREA WEST OF THE LOR-6-0.86 STRUCTURE MAY TAKE PLACE IN THE CALENDAR YEAR 2022 CONSTRUCTION SEASON, IF THE WATERLINE PROJECT IS COMPLETE AND PAVING WORK IS PERMITTED CONSIDERING WEATHER, OR MAY BE DELAYED UNTIL THE CALENDAR YEAR 2023 CONSTRUCTION SEASON.

## INTERIM COMPLETION REQUIREMENTS

THIS PROJECT CARRIES AN INTERIM COMPLETION DATE OF SEPTEMBER 30<sup>TH</sup>, 2022. ON OR BEFORE THIS INTERIM COMPLETION DATE, THE ROADWAY SHALL BE PLACED IN THE FINAL CONDITION, ALL PAVEMENT MARKINGS IN PLACE, AND OPEN TO TRAFFIC. THIS INTERIM COMPLETION DATE APPLIES TO ALL WORK EAST OF THE LOR-6-0.86 STRUCTURE.

THE CONTRACT WILL BE SUBJECT TO DAILY DISINCENTIVES FOR FAILURE TO COMPLETE ALL THE REQUIRED WORK, AND ASSOCIATED INCIDENTALS RELATED TO THE WORK, IN THE AMOUNT OF \$2500 PER DAY. DAILY DISINCENTIVES ARE APPLICABLE TO THE WORK REQUIRED TO THE INTERIM COMPLETION DATE ONLY. THE CONTRACT IS STILL SUBJECT TO LIQUIDATED DAMAGES AS OUTLINED IN C&MS 108.07 FOR THE REMAINDER OF THE CONTRACT.

## 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.

## ADA WAIVER (R128)

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVERS		
LOCATION DESCRIPTION	ADA FEATURE (ID NUMBER)	APPROVAL DATE
NIAGARA NORTH WEST	CURB RAMP (RMP0008157)	2022-01-04
ELBERTA NORTH EAST	CURB RAMP (RMP0008155)	2022-01-04
PEBBLE SHORES NORTH WEST	CURB RAMP (RMP0008154)	2022-01-04
PEBBLE SHORES AVE NORTH EAST	CURB RAMP (RMP0008156)	2022-01-04

## PRECONSTRUCTION ADA FACILITY LAYOUT MEETING

THE PROPOSED LAYOUT OF THE ADA FACILITIES INCLUDED IN THESE PLANS IS TO BE FIELD REVIEWED AND VERIFIED FOR COMPLIANCE PRIOR TO ACTUALLY PERFORMING ANY ADA FACILITY REMOVAL OR CONSTRUCTION, ESPECIALLY WHERE FIELD MODIFICATIONS TO THE WORK DETAILED IN THE PLANS ARE PROPOSED BY THE CONTRACTOR. AT A MINIMUM, A REPRESENTATIVE OF THE CONTRACTOR RESPONSIBLE FOR ADA FACILITY CONSTRUCTION, THE PROJECT ENGINEER, THE ENGINEER OF RECORD, A MUNICIPAL REPRESENTATIVE, THE DISTRICT ADA COORDINATOR, AND THE DISTRICT ADA ENGINEER ARE TO BE INCLUDED IN THIS MEETING.

COORDINATE WITH THE PROJECT ENGINEER TO SCHEDULE THE MEETING WITH ALL APPROPRIATE STAKEHOLDERS A MINIMUM OF 14 CALENDAR DAYS PRIOR TO BEGINNING WORK. IT IS THEN THE RESPONSIBILITY OF THE PROJECT ENGINEER TO INVITE ALL APPROPRIATE STAKEHOLDERS A MINIMUM OF 14 CALENDAR DAYS PRIOR TO THE MEETING DATE. IN THE SUBJECT OF THE MEETING INVITE, INCLUDE THE PROJECT CONSTRUCTION NUMBER, PROJECT ID NUMBER (PID), AND THE PHRASE "ADA FACILITY LAYOUT MEETING."

ALL MATERIAL, EQUIPMENT, LABOR, AND INCIDENTALS NEEDED TO COMPLETE THIS MEETING AND LAYOUT WORK IS TO BE INCLUDED IN THE CONTRACT BID PRICE FOR THE APPROPRIATE ADA FACILITY ASSOCIATED WITH THIS WORK.

# 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 SHALL BE PERFORMED AFTER THE INTERMEDIATE COURSE HAS BEEN COMPLETED AND BEFORE THE SURFACE COURSE IS PLACED. IT IS BROUGHT TO THE CONTRACTOR'S ATTENTION THAT GRADING UNDER EXISTING RUNS OF GUARDRAIL MAY BE REQUIRED AT THE DIRECTION OF THE ENGINEER. 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.

## PAVEMENT CORING INFORMATION

SEE SHEET GENERAL NOTES SHEET 3/3 FOR CORING INFORMATION. THIS INFORMATION WAS COMPILED BY ODOT DISTRICT THREE FORCES IN AUGUST 2020. IT REFLECTS THE BUILDUP OF PAVEMENT AT THAT TIME. HOWEVER, IT DOES NOT SHOW ANY TREATMENTS THAT HAVE OCCURRED FROM THAT TIME TO THE PRESENT. THIS INFORMATION IS PROVIDED FOR INFORMATION ONLY.

## PAVING OF PROPOSED AND EXISTING MAILBOX APPROACHES

PAVE EXISTING MAILBOX APPROACHES USING THEIR EXISTING CONFIGURATION USING THE SAME PAVEMENT TREATMENT AS THAT OF THE ADJOINING MAINLINE PAVING.

PAVE PROPOSED MAILBOX APPROACHES IN ACCORDANCE WITH THE SPECIFICATIONS SHOWN IN SCD BP-4.1 USING THE FOLLOWING PAVEMENT BUILDUP, DESCRIBED FROM THE LOWEST ELEVATION TO THE SURFACE:

- ITEM 209 – GRADING MAILBOX APPROACHES (1 EACH PER LOCATION)
- 6.00" ITEM 304 – COMPACTED AGGREGATE (ESTIMATED AT 1 CY PER LOCATION)
- THE SAME PROPOSED PAVEMENT TREATMENT AS THAT OF THE ADJOINING MAINLINE

## ITEM 203 – EMBANKMENT, AS PER PLAN

THIS ITEM CONSISTS OF PLACING EMBANKMENT AT THE SPECIFIED LOCATIONS IN PLACE OF CURB RAMPS, WALKS, OR OTHER PEDESTRIAN FACILITIES OR PORTIONS OF PEDESTRIAN FACILITIES TO BE REMOVED.

PLACE CLEAN TOPSOIL IN THE VOIDS LEFT BY ANY REMOVED SECTIONS OF PEDESTRIAN FACILITIES TO FINISH FLUSH WITH THE SURROUNDING GROUND AND/OR PROPOSED OR REMAINING PEDESTRIAN FACILITY AND/OR ROADWAY. AFTER THIS TOPSOIL HAS BEEN PLACED, SEED AND MULCH THE AREAS ACCORDING TO ITEM 659. THE COST FOR THIS SEEDING AND MULCHING IS TO BE CONSIDERED INCIDENTAL TO THIS EMBANKMENT, AS PER PLAN ITEM.

THE METHOD OF MEASUREMENT FOR EMBANKMENT MATERIAL IS TO BE THE NUMBER OF LOOSE CUBIC YARDS DELIVERED, PLACED, AND ACCEPTED IN LIEU OF THE REQUIREMENTS OF 203.09. PAYMENT FOR ACCEPTED QUANTITIES WILL BE MADE AT THE CONTRACT BID PRICE PER CUBIC YARD FOR ITEM 203 – EMBANKMENT, AS PER PLAN, WHICH IS TO INCLUDE ALL LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THIS WORK.

## ITEM 602 – CONCRETE MASONRY, AS PER PLAN

AFTER COMPLETING THE PROPOSED PAVEMENT COURSES, AND IN THE PROCESS OF ADJUSTING CASTINGS TO GRADE, CONSTRUCT A PLAIN CONCRETE COLLAR AROUND ANY UTILITY OR ROADWAY CASTINGS ADJUSTED TO GRADE WITHIN THE LIMITS OF THE PROJECT. THIS COLLAR SHALL BE A MINIMUM OF 8" THICK, AS DIRECTED BY THE ENGINEER, IN ORDER TO CREATE A TRAFFIC-WORTHY PAVEMENT SUITABLE FOR ENCASEMENT OF THE CASTING. THE COLLAR SHALL HAVE A CIRCULAR EXTERNAL SHAPE AS VIEWED FROM ABOVE, WITH A MINIMUM OF 18" OF COVER AS MEASURED PERPENDICULAR TO THE CIRCUMFERENCE TO THE NEAREST POINT OF THE ENCASED CASTING, HORIZONTALLY. THE CASTING IS TO BE CENTERED IN THE COLLAR. PRIOR TO PLACING THE CONCRETE, AND AFTER REMOVING THE NECESSARY ASPHALT, THE EXPOSED VERTICAL FACES OF ASPHALT CONCRETE, FOR THE DEPTH OF THE PROPOSED CONCRETE COLLAR, IS TO BE COATED IN AN APPROVED ASPHALT EMULSION. AFTER A MINIMUM OF 7 DAYS, PLACE AN APPROVED CRACK SEAL MATERIAL ON THE INTERFACE BETWEEN THE SURFACE OF THE COMPLETED ASPHALT CONCRETE OVERLAY AND THE NEWLY PLACED CONCRETE COLLAR TO PREVENT WATER INTRUSION.

DURING THE CURING PERIOD, IN ACCORDANCE WITH ITEM 602, UTILIZE A STEEL PLATE FOR MAINTENANCE OF TRAFFIC. APPROPRIATE "BUMP" AND "STEEL PLATE" SIGNAGE, AT THE DIRECTION OF THE ENGINEER, IS TO BE PLACED FOR THE DURATION OF THE CURING PERIOD.

THE BELOW QUANTITY IS CARRIED TO THE GENERAL SUMMARY FOR THE INSTALLATION OF THESE CONCRETE COLLARS. PAYMENT WILL BE MADE AT THE CONTRACT BID PRICE PER CUBIC YARD FOR ACCEPTED QUANTITIES ACTUALLY PLACED FOR ITEM 602 – CONCRETE MASONRY, AS PER PLAN, AND WILL INCLUDE ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NEEDED TO PERFORM THE WORK, INCLUDING ALL MAINTENANCE OF TRAFFIC NEEDED.

ITEM 602 – CONCRETE MASONRY, AS PER PLAN 02/NHS/PV 7 CY

## 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.

SEE THE NOTE "ITEM 602 – CONCRETE MASONRY, AS PER PLAN" FOR ADDITIONAL REQUIREMENTS FOR ADJUSTED CASTINGS.

THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY TO BE USED AT THE DIRECTION OF THE ENGINEER, AT THE REQUEST OF THE CITY:

ITEM DESCRIPTION	QUANTITIES		
	01/NHS/PV	02/NHS/PV	TOTAL
ITEM 611 – CATCH BASIN ADJUSTED TO GRADE	1	1	1
ITEM 611 – MANHOLE ADJUSTED TO GRADE	9	0	9
ITEM 623 – MONUMENT BOX ADJUSTED TO GRADE	2	0	2
ITEM 638 – VALVE BOX ADJUSTED TO GRADE	9	0	9

GENERAL NOTES

LOR-6-0.00

MODEL: GEN NOTES 1 PAPER SIZE: 17x11 (in.) DATE: 03/21/2022 TIME: 16:11:11 USER: kkrapp pvc:\ohio-dot-pw-bentley.com\shihoto\pvc\02\Documents\01\_Active Projects\District 03\Lorain\98575\400-Engineering\Roadway\Sheets\98575\_GN001.dgn

DESIGN AGENCY  
**DISTRICT 3**



ENGINEERING  
TEAM ONE

DESIGNER  
**KCK**

REVIEWER  
NRF 01/01/22

PROJECT ID  
98575

SUBSET	TOTAL
1	3

SHEET	TOTAL
P.004	P.021