

UTILITY OWNERSHIP

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

DUKE ELECTRIC (DISTRIBUTION)
2010 DANA AVE
CINCINNATI, OHIO 45207
513-514-8211 (AARON WRIGHT)
AARON.WRIGHT@DUKE-ENERGY.COM

DUKE ENERGY - GAS
139 EAST 4TH STREET, ROOM 460A
CINCINNATI, OHIO 45202
513-287-2517 (MARK BRANSCUM)
MARK.BRANSCUM@DUKE-ENERGY.COM
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:
OH/KYHOUSEBILL@DUKE-ENERGY.COM)

CINCINNATI BELL TELEPHONE (UNDERGROUND)
221 EAST 4TH STREET, BLDG. 121-900
CINCINNATI, OHIO 45201
513-565-7187 (BRECK COWAN)
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:
ROADPROJECTS@CINBELL.COM)

CINCINNATI BELL TELEPHONE (AERIAL)
209 WEST 7TH STREET, BLDG. 121-900
CINCINNATI, OHIO 45202
513-565-6014 (ROBERT STROCHINSKY)
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:
ROADPROJECTS@CINBELL.COM)

CHARTER COMMUNICATIONS/SPECTRUM
10920 KENWOOD ROAD
BLUE ASH, OHIO 45242
513-386-5918 (TODD VANVRANKEN)
(SEND ALL PLANS/CORRESPONDENCE TO EMAIL BOX FOR DISTRIBUTION:
DL-SOUTHERN-OHIO-OUTSIDE-PLANT@CHARTER.COM)

MCI/VERIZON
5400 DUFF ROAD
CINCINNATI, OHIO 45129
254-721-8977 (BRUCE TURKIEWICZ)
BRUCE.TURKIEWICZ@VERIZONWIRELESS.COM

TEAM FISHEL
4740 R INTERSTARE DRIVE
WEST CHESTER, OHIO 45246
937-233-2268 (TYLER SPARKS)
TSSPARKS@TEAMFISHEL.COM

GREATER CINCINNATI WATER WORKS
4747 SPRING GROVE AVENUE
CINCINNATI, OHIO 45232
513-591-5056 (MIKE LAWSON)
MIKE.LAWSON@GCWW.CINCINNATI-OH.GOV

METROPOLITAN SEWER DISTRICT
1600 GEST STREET
CINCINNATI, OHIO 45204
513-244-1369 (ALICE OLIVER)
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:
MSDUTILITYREVIEW@CINCINNATI-OH.GOV)

EXISTING FACILITIES

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THEIR WORK IN SUCH MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FACILITY. IF ANY DAMAGE TO ANY EXISTING FACILITY OCCURS DUE TO THE CONTRACTOR'S OPERATIONS, THEY SHALL REPLACE THE DAMAGED FACILITY AT THEIR EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.

CONSTRUCTION NOISE

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 9:00 PM AND 6:00 AM. 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

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.

SURVEYING

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 02 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITION, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 12A

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (86)
ELLIPSOID: GRS80
MAP PROTECTION: LAMBERT
COORDINATION SYSTEM: STATE OF PLANE OH SOUTH
1.000094421104

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 823.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATION UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:
659, TOPSOIL 37 CU. YD.
659, SEEDING AND MULCHING 336 SQ. YD.
659, REPAIR SEEDING AND MULCHING 17 SQ. YD.
659, COMMERCIAL FERTILIZER 0.05 TON
659, LIME 0.07 ACRE
659, WATER 1.8 M. GAL.

ITEM 690 - SPECIAL - VERIZON/MCI UTILITY SLEEVING

VERIZON/MCI FIBER LINES WITHIN 12 INCHES OF THE BOTTOM OF WALL FOOTER REQUIRE A SLEEVE. USE SCHEDULE 40 STEEL PIPE AND SHALL ALLOW 1 INCH CLEAR ALL AROUND THE UTILITY BEING SLEEVED. THE COST OF THE SLEEVE AND INSTALLATION ARE INCLUDED IN THE CONTRACT UNIT PRICE OF OTHER RELEVANT PAY ITEMS. RESPECTIVE APPROVALS FROM UTILITIES AND THE PIPE SLEEVE WALL LOCATION: L9, R1, R2, R3, R4, R5, R6, R9, R10

MSD SANITARY SEWERS

HAND DIGGING IT TO OCCUR WITHIN 18" OF ANY SANITARY MAIN OR LATERAL. CONTRACTOR TO FIELD VERIFY LATERAL DEPTHS PRIOR TO EXCAVATION. IF 18" CLEARANCE CANNOT BE OBTAINED CONTRACTOR TO PROVIDE CONCRETE ENCASEMENT PER MSD ACC. NO. 49057.

CINCINNATI BELL UTILITIES

CBT HAS AN EXISTING (10) DUCT CONDUIT SYSTEM THAT WILL BE IN CLOSE PROXIMITY OF ALL PROPOSED WALL SEGMENTS. CAUTION SHOULD BE USED AT ALL TIMES DURING EXCAVATION OF THE PROPOSED WALLS. REFER TO ITEM 203 - EXCAVATION, AS PER PLAN FOR HAND DIGGING REQUIREMENTS.

DURING EXCAVATION AND CONSTRUCTION OF THE PROPOSED WALL SEGMENTS SHOULD THE CBT CONDUIT SYSTEM BE EXPOSED AND THERE IS ANY QUESTION AS TO THE INTEGRITY OR DAMAGE OF THE SYSTEM CONTACT THE CBT INSPECTOR (RICH RAYLE: 513.608.7419) TO FIELD INSPECT PRIOR TO BACKFILLING.

ITEM 203 - EXCAVATION, AS PER PLAN

ANY EXCAVATIONS WHICH OCCURS IN THE "OUPS SAFE WORK / OUPS TICKET MARKINGS" OF THE ALTA FIBER DUCT BANK SHALL BE FIELD LOCATED PRIOR TO PERFORMING BID WORK ITEMS. LIMITS OF EXCAVATION, NEW BID WORK ITEMS, AND EXISTING SURVEY DATA OF THE ALTA FIBER DUCK BANK ARE DOCUMENTED IN THE CROSS SECTIONS, AS WELL AS, PLAN AND PROFILE SHEETS.

IT MAY BE NECESSARY TO HAND DIG IN ORDER TO PROTECT THE INTEGRITY OF THE SYSTEM AS DIRECTED BY THE PROJECT ENGINEER.

IF THERE IS ANY QUESTION AS TO THE INTEGRITY OF THE SYSTEM OR DAMAGE TO THE SYSTEM CONTACT THE CBT INSPECTOR (RICH RAYLE: 513.608.7419) TO FIELD INSPECT PRIOR TO BACKFILLING.

THE UNIT BID PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT TO COMPLETE WORK FOR ITEM 203: EXCAVATION, AS PER PLAN.

ITEM 690 - SPECIAL - SLEEVE EXISTING GAS LINE

THIS ITEM SHALL INCLUDE THE INSTALLATION OF RUBBER INSULATION WITH A PLASTIC JACKET ON ALL GAS LINE CROSSINGS WITHIN 2 FEET OF THE BOTTOM OF THE SEAT WALLS FOOTER. SLEEVING TO OCCUR 2 FEET TO EITHER SIDE OF THE WALL. INSTALLATION TO BE PER MANUFACTURER SPECIFICATIONS.

INSULATION TO BE A FLEXIBLE RUBBER FOAM PIPE INSULATION

JACKET TO BE A PLASTIC PIPE INSULATION JACKETING

THE UNIT BID PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT TO COMPLETE WORK FOR ITEM 690: SPECIAL - SLEEVE EXISTING GAS LINE.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE OFFICE OF COMMUNICATIONS. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTICE TO OFFICE OF COMMUNICATIONS TIME TABLE

Table with 3 columns: ITEM, DURATION OF CLOSURE, NOTICE DUE TO OFFICE OF COMMUNICATION. Rows include RAMP & ROAD CLOSURES, LANE CLOSURES AND RESTRICTIONS, and START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES.

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTICE TO OFFICE OF COMMUNICATIONS TIME TABLE.

UNRECORDED STORM WATER DRAINAGE

FURNISH A CONTINUANCE FOR ALL UNRECORDED STORM WATER DRAINAGE, SUCH AS ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK. FURNISH EITHER AN OPEN CONTINUANCE OR AN UNOBSTRUCTED CONTINUANCE BY CONNECT-STRUCTURE. THE LOCATION, TYPE, SIZE AND GRADE OF THE NEEDED CONDUIT TO REPLACE OR EXTEND AN EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER. ALL SUCH CONTINUANCE REQUIRES A RIGHT OF WAY USE PERMIT.

THE FOLLOWING CONDUIT TYPES MAY BE USED: 707.33, 707.41 NON-PERFORATED, 707.42, 707.43, 707.45, 707.46, 707.47, 707.51, 707.52 SDR35.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

611, 6" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION 100 FT CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611CONDUIT ITEMS

ITEM 611 - 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS

UNDERDRAINS SHOULD BE CORED INTO THE EXISTING STRUCTURE AND SUBSEQUENTLY GROUTED PER 611.10.B

"OMUTCD" REFERS TO "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
"SCD" REFERS TO "STANDARD CONSTRUCTION DRAWING".
"CMS" REFERS TO "CONSTRUCTION AND MATERIAL SPECIFICATION" ODOT, CURRENT EDITION.

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CALCULATED SCR CHECKED MAM GENERAL NOTES

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