

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UNDERGROUND UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

UTILITIES

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

American Electric Power Co. (Distribution)
777 Hopewell Drive
Heath, Ohio 43056
Attn: Paul Paxton
740-348-5322
ptpaxton@aep.com

American Electric Power Communications
Attn: Marvin Muncy
614-264-9657
mmuncy@aep.com

* AT&T Ohio
111 N 4th Street Rm 802
Columbus, Ohio 43215
Attn: Eddie Bauer
614-736-3521
Eb1931@att.com

* AT&T Ohio
111 N 4th Street Rm 802
Columbus, Ohio 43215
Attn: Jamie Lentz
740-607-6532
J11689@att.com

City of Zanesville Water
14 Buckeye Drive
Zanesville, Ohio 43701
Attn: Paul Mills
740-455-0631 ext. 2
Paul.Mills@coz.org

Spectrum Cable TV
737 Howard St.
Zanesville, Ohio 43701
Attn: Craig Omen
740-541-2488
Craig.Omen@charter.com

City of Zanesville
Division of Waste Water
1730 Maxahala Avenue
Zanesville, Ohio 43701
Attn: Scott Brown
740-455-0641
Scott.brown@coz.org

Columbia Gas of Ohio
2429 Linden Avenue,
Zanesville Ohio 43701
Attn: Jared Faulkner
740-255-1318
jfaulkner@nisource.com

* THE AT&T UNDERGROUND FACILITIES ON THE WEST SIDE OF THE STRUCTURE ARE TO REMAIN IN PLACE. ANY EXCAVATION AROUND THE AREA OF THE EXISTING DUCT BANK NEEDS TO BE COORDINATED WITH AN AT&T REPRESENTATIVE. CAUTION SHALL BE USED WHEN DIGGING CLOSE TO THESE FACILITIES. AT&T NEEDS TO BE NOTIFIED 48 HOURS IN ADVANCE OF ANY EXCAVATION TO HAVE AN INSPECTOR ON SITE DURING THIS WORK. IN ADDITION, THE TWO AT&T CONTACTS NOTED IN THE ABOVE LIST NEED TO BE CONTACTED 1 WEEK IN ADVANCE OF ANY ANTICIPATED WORK.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

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 SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

CONTROL POINT LIST

NAME ----- US STATE PLANE 1983
DATUM ----- NAD 1983 (CONUS)
ZONE ----- OHIO SOUTH 3402
GEOID ----- GEOID12B (CONUS)
VERTICAL DATUM --- NAVD 88

SV1 TOP OF 1 INCH REBAR W/ALUMINUM O.D.O.T CAP;
37.07 FEET LEFT OF EXISTING S.R. 22
CENTERLINE STATION 530+22.08
ELEV. = 732.579
NORTHING - 697,277.663
EASTING - 2,104,603.675

SV2 TOP OF 1 INCH REBAR W/ALUMINUM O.D.O.T CAP;
53.28 FEET RIGHT OF EXISTING S.R. 22
CENTERLINE STATION 529+79.66
ELEV. = 731.313
NORTHING - 697,203.415
EASTING - 2,104,670.378

OEPA NOTIFICATION OF DEMOLITION AND RENOVATON

AN ASBESTOS SURVEY FOR THE MUS-22-9.95 BRIDGE SCHEDULED FOR DEMOLITION WORK WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. A COPY OF THE ASBESTOS SURVEY REPORT FOR THE BRIDGE HAS BEEN INCLUDED IN THE PLAN PACKAGE FOR THIS PROJECT. THE ASBESTOS SURVEY REPORT DID NOT IDENTIFY THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS. (THE REMOVAL AND DISPOSAL OF THE ASBESTOS CONTAINING MATERIAL MUST COMPLY WITH THE OHIO ADMINISTRATIVE CODE (OAC) REGULATIONS AND THE NATIONAL EMISSION STANDARD FOR HAZARDOUS AIR POLLUTANTS (NESHAP) STANDARD FOR ASBESTOS.)

A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED BY THE ASBESTOS HAZARD EVALUATION SPECIALIST, HAS BEEN INCLUDED AT THE END OF THE ASBESTOS SURVEY REPORT. THE CONTRACTOR SHALL COMPLETE AND SIGN THE FORMS AND SUBMIT IT TO:

OHIO EPA, SEDO
2195 FRONT STREET
LOGAN OHIO 43138
ATTN: KRISTIN PARRISH
(740) 380-5267

AT LEAST 10 WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION WORK, THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED AND SIGNED FORM TO THE ENGINEER. INFORMATION REQUIRED ON THE FORMS SHALL INCLUDE AT A MINIMUM: 1) THE ODOT PROJECT NUMBER, 2) THE CONTRACTORS NAME, ADDRESS AND TELEPHONE NUMBER, 3) THE SCHEDULED DATES FOR THE START AND COMPLETION OF BRIDGE DEMOLITION WORK.

BASIS FOR PAYMENT: THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORMS. PAYMENTS FOR THIS WORK SHALL BE INCLUDED WITH ITEM 202 - PORTIONS OF STRUCTURE REMOVED.

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.

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DEPARTMENT:
THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA FOR THE SPECIFIED COMPLETED CONSTRUCTION ITEMS IN OHIO STATE PLANE COORDINATES (GRID). THE CONSTRUCTION ITEMS SHALL BE LOCATED AS PER THE SURVEY FEATURE CODE LIST FOUND ON THE OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF CADD & MAPPING SERVICES WEBSITE. AFTER ALL INFORMATION HAS BEEN COLLECTED, AN EMAIL CONTAINING A COMMA DELIMITED ASCII FILE AND A SURVEYOR'S CERTIFICATION SHALL BE DELIVERED TO:

Cody.Gierhart@dot.ohio.gov (D5 GIS COORDINATOR) AND
Audrey.Seals@dot.ohio.gov (D5 CONSTRUCTION AREA ENGINEER)

THE ASCII FILE SHALL INCLUDE A HEADER CONTAINING:

NAME OF SURVEYOR
DATE(S) OF COLLECTION
HORIZONTAL DATUM (I.E. NAD83 (2011), OHIO SPCS NORTH OR SOUTH)
VERTICAL DATUM (I.E. NAVD 88, GEOID12A)
METHOD OF COLLECTION (I.E. OHIO VRS, GPS RTK, TOTAL STATION, ETC.)

THE ASCII FILE SHALL BE IN TABLE FORM AS FOLLOWS:

PT. NO./NORTHING/EASTING/ELEVATION/FEATURE
CODE/DESCRIPTION

BELOW IS A LIST OF THE ITEMS THE CONTRACTOR SHALL PROVIDE FOR THIS PROJECT:

-CULVERT INVERT AT INLET AND OUTLET

THE ABOVE ITEMS SHALL BE COLLECTED USING SURVEY GRADE EQUIPMENT MEETING THE REQUIREMENTS OF SECTION 400 IN THE ODOT SURVEY & MAPPING SPECIFICATIONS MANUAL. ALL COSTS ASSOCIATED WITH OBTAINING THE INFORMATION LISTED ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PERFORM THE WORK DESCRIBED ABOVE:

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING,
AS PER PLAN (LS)

ITEM 202 APPROACH SLAB REMOVED, AS PER PLAN

THE EXISTING APPROACH SLABS AT THE FOUR CORNERS OF THE EXISTING STRUCTURE SHALL BE REMOVED AS PER ITEM 202 (SEE EXISTING PLAN MUS-22-9.75 (1972) SHEETS 36 & 38). THE EXISTING APPROACH SLABS ARE APPROXIMATELY 16" THICK THIS ITEM SHALL ALSO INCLUDE BACKFILLING THE VOID WITH 7" ITEM 304, 6" ITEM 301 AND 3" ITEM 441 AS NEEDED TO BRIDGE THE EXISTING APPROACH SLAB REMOVAL LIMITS TO THE LIMITS OF THE FULL-DEPTH PAVEMENT REMOVAL. THE ESTIMATED AREA NEEDED FOR THIS WORK IS APPROXIMATELY 50 SY. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED WITH PAYMENT.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.
CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.
PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

CONDUIT END TREATMENT

IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET END.

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 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.

**ITEM 611 MANHOLE ADJUSTED TO GRADE
ITEM 611 INLET ADJUSTED TO GRADE
ITEM 638 VALVE BOX ADJUSTED TO GRADE**

THESE ITEMS SHALL BE USED TO ADJUST MANHOLES, INLETS AND VALVE BOXES TO GRADE LOCATED THROUGHOUT THE PROJECT LIMITS.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED WITH PAYMENT WITH THE LISTED ITEMS BELOW:

ITEM 611 MANHOLE ADJUSTED TO GRADE 5 EACH
ITEM 611 INLET ADJUSTED TO GRADE 5 EACH
ITEM 638 VALVE BOX ADJUSTED TO GRADE 5 EACH

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS AS PER ITEM 659:

ITEM 659 SEEDING AND MULCHING, CLASS 2 11 SQ. YD.
11 SQ. YD. (FROM SHEET 33)

ITEM 659 WATER 1.0 M. GAL.
0.0054 M. GAL. PER SQ. YD. OF THE PERMANENT SEEDED AREA
11 SQ. YD. x 0.0054 = 1.0 M. GAL.

QUANTITIES CARRIED TO THE GENERAL SUMMARY.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS. FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

WATERLINE RELOCATION CONTINGENCY QUANTITIES

BEFORE ANY WORK IS STARTED ON THE REMOVAL OF THE WATERLINE THE CONTRACTOR SHALL CONTACT THE CITY OF ZANESVILLE WATER DEPARTMENT.
JOHN SMITH AT (W) 740-455-0633 OR (C) 740-819-8816
EMAIL - john.smith@cos.org

THE LOCATION OF THE WATERLINE ON BOTH THE NORTH AND SOUTH SIDES OF THE STRUCTURE ALONG THE SB LANE OF U.S.R. 22 NEEDS TO BE LOCATED AND VERIFIED.

IF THE WATERLINE IS IN CONFLICT WITH THE PROPOSED WORK, THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED TO COMPLETE THIS WORK.

ITEM 638 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS,
DR 18 / 14 C-900 MINIMUM 235 PSI 120 FEET
ITEM 638 12" STEEL PIPE ENCASUREMENT, OPEN CUT 16 FEET
ITEM 638 8" GATE VALVE WITH VALVE BOX, MODEL 2639 AWWA C509
2 EACH

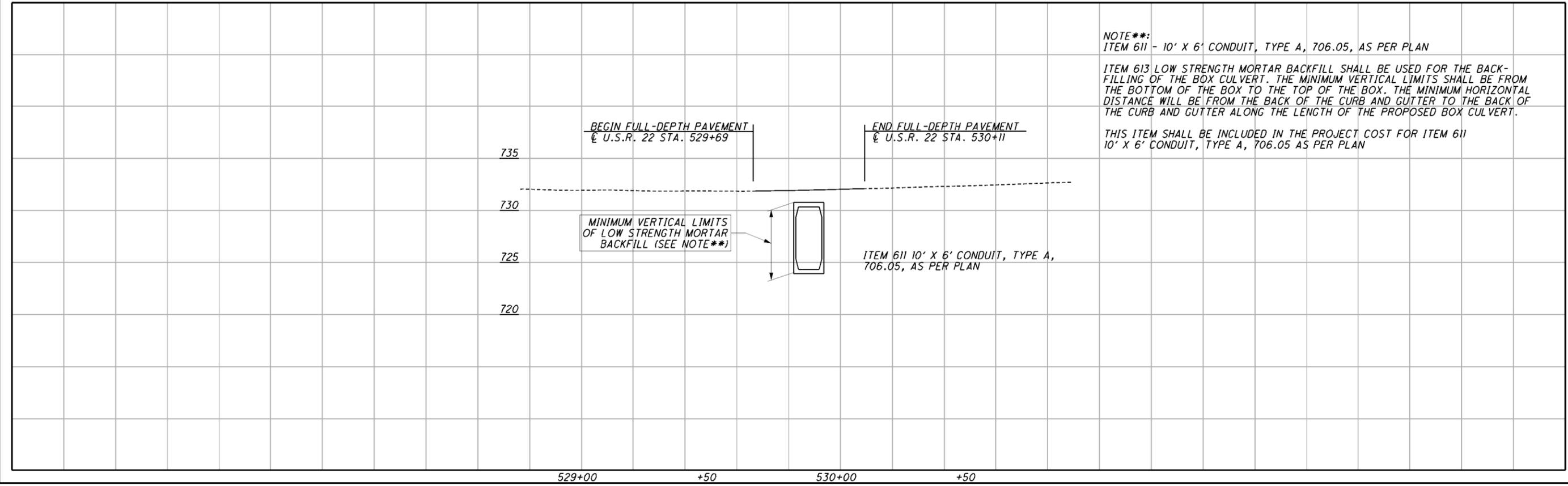
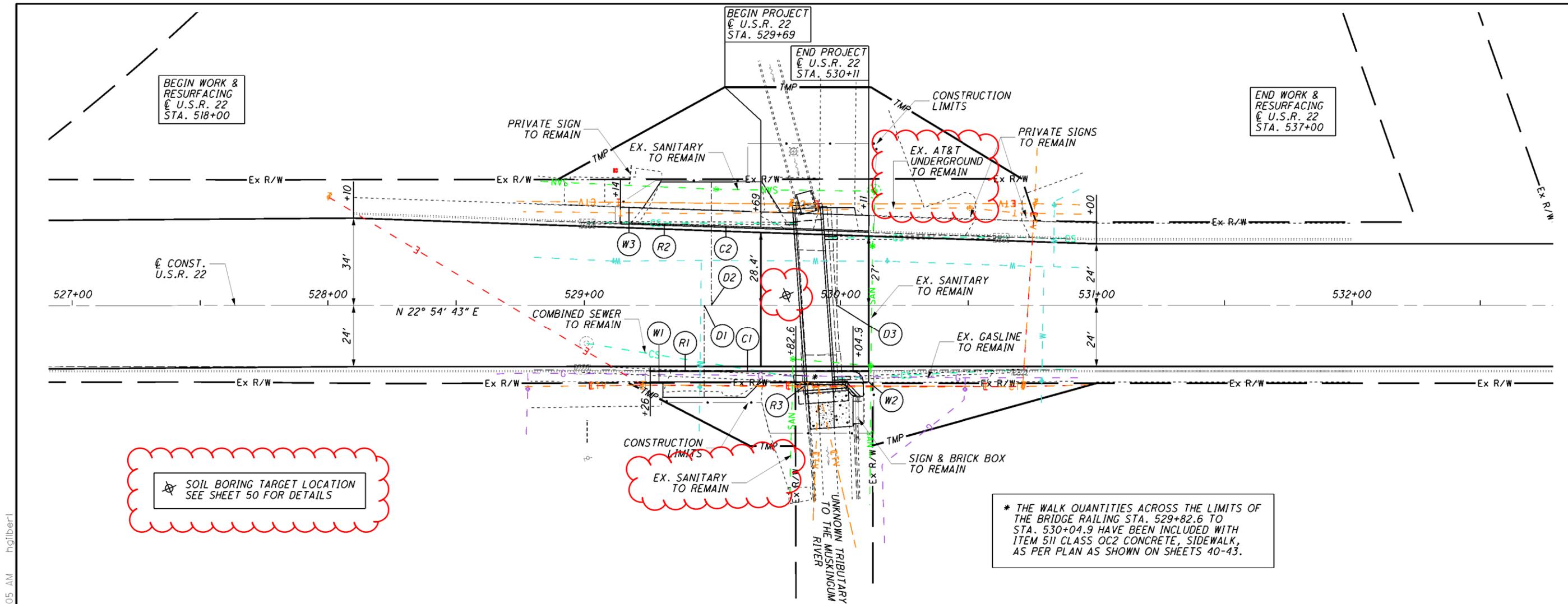
CALCULATED
RJC
CHECKED
HAG

GENERAL NOTES

MUS - 22 - 9.95

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