

GENERAL NOTES

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY THE PLAN NOTE TO BE USED AS "DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

THE ROUNDED CORNERS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN ON THESE PLANS.

RIM ELEVATIONS

ALL RIM ELEVATIONS SHOWN ON PLANS SHALL BE CONSIDERED ELEVATIONS OF THE TOPS OF CASTINGS.

PROFILE AND ALIGNMENT

THE PROPOSED PAVEMENT RESURFACING COURSE SHALL FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. THE PROPOSED ASPHALT CONCRETE OVERLAY SHALL HAVE A UNIFORM THICKNESS OF 1-1/2 INCHES OF ITEM 404 ASPHALT CONCRETE, AC-20 AND A VARIABLE THICKNESS (MIN. 1/2") OF ITEM 403 ASPHALT CONCRETE, AC-20 IN ORDER TO RE-ESTABLISH A NORMAL CROWN PAVEMENT SECTION. PRIOR TO RESURFACING BETWEEN STATION 556+51 AND STATION 598+13.55, THE PAVEMENT CROSS SLOPE SHALL BE ADJUSTED BY PAVEMENT PLANING AS SHOWN ON THE TYPICAL SECTIONS ON SHEET 6.

DRIVEWAYS

ALL PROPOSED DRIVEWAYS SHALL BE AS SHOWN IN THE TYPICAL DRIVEWAY APRON DETAILS ON SHEET 19 AND IN THE PLAN AND PROFILE SHEETS (21 THROUGH 36). THE PROPOSED DRIVEWAYS SHALL BE GRADED AS SHOWN IN THE CROSS SECTIONS (SHEETS 37 THROUGH 66) AND SHALL MATCH THE PROPOSED PAVEMENT GRADE AND THE EXISTING SIDEWALK GRADE UNLESS SHOWN OTHERWISE.

ITEM 202 WEARING COURSE REMOVED, BUTT JOINT AS PER BP-3.1

SEE STANDARD DRAWING BP-3.1. QUANTITIES ARE SHOWN ON SHEET 10.

ITEM 304 AGGREGATE BASE, AS PER PLAN

MATERIALS FURNISHED FOR THIS ITEM SHALL EXCLUDE ALL SLAG EXCEPT GRANULATED SLAG OR CRUSHED AIR-COOLED BLAST FURNACE SLAG. (THE MAXIMUM TOTAL PERCENTAGE PASSING THE NO. 200 SIEVE FOR 304 SHALL BE 8 PERCENT AS OPPOSED TO THE 13 PERCENT SHOWN IN 304.02.)

ITEM 310 SUBBASE, TYPE 1, GRADING A, AS PER PLAN

MATERIALS FURNISHED FOR THIS ITEM SHALL EXCLUDE ALL SLAG EXCEPT GRANULATED SLAG OR CRUSHED AIR-COOLED BLAST FURNACE SLAG AND SHALL EXCLUDE BROKEN SALVAGED PORTLAND CEMENT PAVEMENT.

ITEM 407 TACK COAT

THE RATE OF APPLICATION OF ITEM 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.075 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

ITEM 604 MONUMENT ASSEMBLY

MONUMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1. FOR LOCATIONS, SEE SHEETS 21 THROUGH 36.

REMOVAL OF TREES OR STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING, AS PER PLAN, EXCEPT THAT THOSE TREES FOR WHICH PROTECTION AND PRESERVATION WORK IS INDICATED ELSEWHERE IN THESE PLANS SHALL NOT BE REMOVED.

THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED:

SIZES	NO.TREES	NO.STUMPS	TOTAL
18"	5	-	5
30"	1	-	1
48"	2	-	2
OVER 60"	-	-	-

THE ABOVE ESTIMATE IS APPROXIMATE AND THE STATE OF OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING, AS PER PLAN.

ITEM 203 LINEAR GRADING, METHOD B

THIS ITEM SHALL CONSIST OF GRADING THE SOIL AREA BETWEEN THE BACK OF THE NEW CURB TO THE LIMITS INDICATED IN THE TYPICAL SECTIONS SHOWN ON SHEET 6 OR AS DIRECTED BY THE ENGINEER. PAYMENT FOR ALL LABOR AND INCIDENTAL COSTS INCURRED TO COMPLETE THIS WORK, INCLUDING REMOVAL AND DISPOSAL OF MATERIAL DEEMED UNFIT FOR REUSE BY THE ENGINEER, SHALL BE INCLUDED IN THE CONTRACT PRICE BID FOR ITEM 203 LINEAR GRADING, METHOD B. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY (1 STATION = 100 FEET):

ITEM	DESCRIPTION	QUANTITY
203	LINEAR GRADING, METHOD B	63 STATIONS

PAVEMENT REPAIRS

THE ESTIMATED QUANTITIES FOR ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR AND ITEM 252 FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT PROVIDED BELOW ARE TO BE USED WHEN NECESSARY AS DIRECTED BY THE ENGINEER. SEE THE PAVEMENT REPAIR DETAIL ON SHEET 20.

ITEM	DESCRIPTION	QUANTITY
251	PARTIAL DEPTH PAVEMENT REPAIR	2848 SQ.YD.
252	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT	1742 SQ.YD.
252	FULL DEPTH PAVEMENT SAWING	7662 LIN.FT.

ITEM 630 REMOVAL AND STORAGE OF OVERHEAD SIGN SUPPORT, OVERHEAD MOUNTED SIGN AND GROUND MOUNTED SIGN

ALL OVERHEAD SIGN SUPPORTS, OVERHEAD MOUNTED SIGNS AND GROUND MOUNTED SIGNS DESIGNATED IN THE PLANS FOR STORAGE, SHALL BE STOCKPILED BY THE CONTRACTOR FOR PICK-UP BY THE CITY OF PAINESVILLE FORCES.

ITEM 632 TRAFFIC SIGNAL LOOP DETECTORS

THE CONTRACTOR IS ADVISED THAT TRAFFIC SIGNAL LOOP DETECTORS EXIST WITHIN THE LIMITS OF THIS PROJECT AS INDICATED IN THE PAVEMENT MARKING SHEETS. IT IS ANTICIPATED THAT THE LOOP DETECTORS WILL BE RENDERED INOPERABLE DURING PAVEMENT REPAIR AND/OR WIDENING OPERATIONS. TO PROVIDE FOR THIS CONTINGENCY, ESTIMATED QUANTITIES HAVE BEEN PROVIDED TO REPLACE LOOP DETECTORS WITH THE SAME SIZE LOOP AT THE LOCATIONS INDICATED ON SHEETS 71 TO 73. LOOP DETECTOR WIRE SHALL BE REPLACED TO THE PULL BOX AS PER THE REQUIREMENTS OF ITEM 632 AND STANDARD DRAWING T.C. 82.10. ESTIMATED QUANTITIES ARE SHOWN ON SHEET 74. LOCATIONS OF PULL BOXES REMOVED AND REPLACED ARE SHOWN ON SHEETS 21 THROUGH 36.

ITEM 653 TOPSOIL FURNISHED AND PLACED, AS PER PLAN

THIS ITEM SHALL BE PLACED AS SHOWN ON SHEET 6 TO REPAIR TREE LAWN AREAS DAMAGED BY THE CURB REPLACEMENT OPERATIONS. THE IGNITION TEST SPECIFIED IN 653.02 CAN BE WAIVED FOR THIS PROJECT. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM	DESCRIPTION	QUANTITY
653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	145 CU.YD.

ITEM 660 SODDING

QUANTITIES FOR ITEM 660 SODDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN THE RIGHT-OF-WAY LINES AND WITHIN THE WORK LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR TEMPORARY EASEMENT. THE QUANTITIES FOR ITEM 660 SODDING FOR STATION 524+90 TO STATION 556+51 ARE SHOWN ON SHEETS 21 THROUGH 36. ITEM 660 SODDING SHALL ALSO BE PLACED AS SHOWN ON THE TYPICAL SECTIONS ON SHEET 6 TO REPAIR TREE LAWN AREAS DAMAGED BY CURB REPLACEMENT AND INTERSECTION WIDENING OPERATIONS FROM STATION 556+51 TO STATION 598+13.55. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM	DESCRIPTION	QUANTITY
659	COMMERCIAL FERTILIZER	0.6 TON
659	AGRICULTURAL LIMING	3.0 TONS
660	SODDING	3480 SQ.YDS.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

ITEM	DESCRIPTION	QUANTITY
207	STRAW OR HAY BALES	200 EACH

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO, OR TO CROSS EITHER OVER OR UNDER AN EXISTING SEWER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEMS.

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 THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS 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 UNIT PRICES BID FOR THE PERTINENT 603 CONDUIT ITEMS OF THE CONTRACT.