

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

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LAKE COUNTY
LAK-20-7.92
ISSUE 1

SPECIAL SEEDING PREPARATION AREAS

THE REFERENCE IN THE FIRST PARAGRAPH OF 659.09 TO THE PREPARATION OF THE SEED BED IN FRONT OF RESIDENCE, ETC., SHALL BE CONSIDERED APPLICABLE TO ALL AREAS DESIGNATED FOR SEEDING AND MULCHING ON THIS PROJECT.

ITEM 202. WEARING COURSE REMOVED

ESTIMATED QUANTITIES OF ITEM 202, WEARING COURSE REMOVED ARE PROVIDED ON SHEET NO. 27.

WEARING COURSE SHALL BE REMOVED TO A MINIMUM OF ONE (1) INCH BELOW FINAL GRADE. THE CONTRACTOR SHALL STRIP AREAS AS DIRECTED BY THE ENGINEER.

AGRICULTURAL LIMING, AS PER PLAN

THE LOCATION AND NEED FOR AGRICULTURAL LIMING WILL BE DETERMINED BY LABORATORY TESTS, AFTER ROUGH GRADING OPERATIONS HAVE BEEN PERFORMED. QUANTITIES OF AGRICULTURAL LIMING, AS SHOWN ON THE PLANS, ARE SUFFICIENT FOR THE ENTIRE PROJECT, BUT WILL BE NON PERFORMED FOR THE AREAS WHERE TESTS SHOW THAT THE LIMING IS NOT REQUIRED.

LOCATION OF GUARDRAIL

THE LOCATION OF GUARDRAIL RUN AS SHOWN IN THESE PLANS IS SUBJECT TO ADJUSTMENT TO ASSURE THAT PLANNED INSTALLATION WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES SEWER FLOWS THROUGH EXISTING FACILITIES TO REMAIN IN PLACE AND THROUGH EXISTING FACILITIES TO BE REPLACED, UNTIL NEW FACILITIES ARE COMPLETED AND PLACED IN USE. THE EXISTING STORM SEWER ALONG THE NORTH SIDE SHALL BE CONNECTED TO THE NEW CATCH BASINS AS SHOWN ON PLAN AND PROFILE SHEETS. ALL OPEN ENDS OF EXISTING PIPE SHALL BE PLUGGED WITH CONCRETE.

PAYMENT FOR ANY ADDITIONAL COSTS INVOLVED IN MAINTAINING THESE FLOWS BY PUMPING OR BY ANY OTHER MEANS APPROVED BY THE ENGINEER SHALL BE INCLUDED IN THE UNIT PRICES BID OR THE RESPECTIVE ITEMS OF 603 CONDUIT.

CONNECTIONS 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, THE CITY, AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE EXISTING STORM, AND SANITARY SEWER WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING 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.

IF THE AFTER-CONSTRUCTION RECORD REVEALS ANY DAMAGE TO THE EXISTING SEWERS RESULTING FROM THE CONTRACTORS OPERATIONS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR THE DAMAGE TO THE SATISFACTION OF THE ENGINEER.

ALL NEW CONDUITS, INLETS, CATCH BASINS AND MANHOLES CONSTRUCTED AND EXISTING CATCH BASINS RECONSTRUCTED 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.

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

PIPE CUT-OFFS

WHEN BELL AND SPIGOT PIPE IS USED, ALL NECESSARY PIPE CUT-OFFS WILL BE MADE AT THE SPIGOT END OF THE LENGTH OF PIPE ADJACENT TO THE END LENGTH. WHEN TONGUE AND GROOVE PIPE IS USED, THE LENGTH OF PIPE NEXT TO THE END LENGTH SHALL BE CUT AND BUTT JOINT FORMED WITH A CONCRETE COLLAR AS DETAILED IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MC-4.

EXTRA DEPTH CATCH BASINS

CATCH BASINS FOUR (4) FEET DEEP AND OVER, AND HAVING A MINIMUM DIMENSION OF 2'-8" SHALL HAVE STEPS MEETING THE REQUIREMENTS OF ITEM 604.

SPACING OF STEPS SHALL BE 12 INCHES MINIMUM AND 16 INCHES MAXIMUM.

WATER WORK

ALL WATER WORK SHALL BE PERFORMED BY THE "OHIO WATER SERVICE COMPANY, INC."

THE CONTRACTOR SHALL CO-OPERATE WITH THE AFORESAID COMPANY AND/OR ITS CONTRACTOR AND CO-ORDINATE, HIS OPERATIONS SO AS NOT TO UNDULY DELAY OR INTERFERE WITH THE OTHER CONTRACTOR.

ITEMS 601, AND 660, EROSION CONTROL

ROCK OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE ANY OF THESE ITEMS. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES FOR THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION. ALL SOD OR JUTE MATTING SHALL BE PLACED ON A MINIMUM OF 6 INCHES OF SOIL, COST OF THE SOIL TO BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR SOD OR JUTE MATTING.

COOPERATION BETWEEN CONTRACTORS

A SEPARATE CONTRACT TO INSTALL AND ERECT TRAFFIC CONTROL DEVICES WITHIN THE WORK LIMITS OF THIS PROJECT WILL BE LET PRIOR TO THE PROJECT'S COMPLETION.

THE CONTRACTOR SHALL COOPERATE WITH THE OTHER CONTRACTOR, IN ACCORDANCE WITH 105.07. THE CONTRACTOR SHALL ARRANGE A SUITABLE WORK SCHEDULE, SUBJECT TO THE APPROVAL OF THE ENGINEER, TO PERMIT THE OTHER CONTRACTOR TO WORK AND OPERATE NECESSARY EQUIPMENT WITHIN THE WORK LIMITS OF THE PROJECT.

604 FURNISH COMPLETE CASTINGS FOR EXISTING MANHOLES

ALL EXISTING STRUCTURES TO BE ADJUSTED TO GRADE HAVE BEEN FIELD CHECKED TO DETERMINE THE EXISTING CASTINGS ARE SUITABLE FOR SALVAGE AND REUSE AT THE PARTICULAR STRUCTURE TO BE ADJUSTED TO GRADE. HOWEVER, EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE, AS DETERMINED BY THE ENGINEER, DURING CONSTRUCTION OF THE PROJECT. TO PROVIDE FOR THIS CONTINGENCY AN ESTIMATED QUANTITY OF ONE (1) EACH "604, FURNISH COMPLETE CASTINGS FOR EXISTING MANHOLE, AS PER PLAN" HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN ANY QUANTITY REQUIRED, AS DETERMINED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTING OF THE REQUIRED TYPE, SIZE AND STRENGTH FOR THE PARTICULAR STRUCTURE IN QUESTION.

THE CONTRACTOR IS CAUTIONED TO USE EXTREME CARE IN THE REMOVAL, STORAGE AND PLACEMENT OF ALL EXISTING CASTINGS. ANY CASTINGS DAMAGED BY THE CONTRACTOR'S NEGLIGENCE OPERATIONS, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED WITH THE PROPER NEW CASTING BY THE CONTRACTOR, AT NO EXPENSE TO THE STATE. NEW CASTINGS SHALL NOT BE ORDERED UNLESS AUTHORIZED BY THE ENGINEER.

EXISTING CONNECTIONS

WHEN AN EXISTING STORM OR SANITARY CONNECTION IS EXPOSED BY A PROPOSED SEWER TRENCH, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THIS CONNECTION AND IN THE CASE OF ACCIDENTAL INTERRUPTION TO IMMEDIATELY REPAIR AND RECONNECT IT AT NO ADDITIONAL COST TO THE STATE.

WHERE AN EXISTING STORM OR SANITARY CONNECTION IS INTERCEPTED BY A PROPOSED SEWER OR APPURTENANCE, IT SHALL BE RECONNECTED TO THE APPROPRIATE SEWER. IN AREAS WHERE EXISTING SEWERS ARE ABANDONED OR REMOVED, AND NO NEW SEWERS ARE PROPOSED, ANY EXISTING CONNECTION SHALL BE RECONSTRUCTED TO THE NEAREST APPROPRIATE SEWER.

ITEM 604, MANHOLE ADJUSTED TO GRADE, AS PER PLAN

CONTRACTOR SHALL ADJUST EXISTING MANHOLES AT STA. 132 + 06, 51 FEET RIGHT AND STA. 134 + 98, 52 FEET RIGHT TO GRADE AND FURNISH COMPLETE CASTING, FRAME AND SOLID COVER. CASTINGS SHALL BE "NEPEAN FOUNDRY COMPANY", CATALOGUE NO. R-1878-87, SOLID LID WITH TYPE "E" LOCK, OF "FLOYHART CONSTRUCTION CASTINGS", TYPE 610-E, CODE 60714, WITH SOLID LID AND STANDARD COUNTERSUNK BOLTS, OR APPROVED EQUAL.

PAYMENT FOR THIS WORK SHALL BE INCLUDED IN UNIT PRICE BID FOR ITEM 604.

QUANTITY CALCULATIONS

BY AGS DATE 11/3/22
CHKD. JEP DATE 11/10/22