

GENERAL NOTES

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| FED. RD. DIVISION | STATE | PROJECT | |
| 2 | OHIO | | |

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34

LAKE COUNTY

LAK 283-16.85

FIELD OFFICE

THE CONTRACTOR SHALL, IN ADDITION TO THE REQUIREMENTS OF 105.152, PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE. THE CONTRACTOR SHALL HAVE A TELEPHONE INSTALLED AND MAINTAINED IN THIS FIELD OFFICE DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL ALSO PROVIDE AND MAINTAIN SANITARY PROVISIONS AS PER 107.06. ALL THE ABOVE IS INCLUDED IN THE LUMP SUM PRICE BID FOR FIELD OFFICE.

REVIEW OF PROJECT

BEFORE ANY WORK IS STARTED ON THE PROJECT, REPRESENTATIVES OF THE STATE, THE CITY AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE EXISTING STORM, SANITARY AND COMBINED SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. A RECORD OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE. ALL NEW SEWERS, INLETS 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 THE SAME CONDITION AS 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. THE COST OF MAKING INSPECTIONS AND ANY REPAIRING OR CORRECTING OF SEWERS AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE RESPECTIVE PIPE ITEMS OF THE CONTRACT.

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 INTO USE.

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 FOR THE RESPECTIVE ITEMS OF 603 CONDUIT.

WHEN WORKING IN THE AREA ADJACENT TO EXISTING SEWER, THE CONTRACTOR IS TO PROCEED WITH CAUTION IN ORDER THAT NO DAMAGE IS DONE TO THE EXISTING SEWERS. ANY DAMAGE TO EXISTING SEWERS RESULTING FROM THE CONTRACTOR'S OPERATIONS OR NEGLIGENCE, AS DETERMINED BY THE ENGINEER, SHALL IMMEDIATELY BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.

UTILITIES

FOLLOWING IS A LIST OF UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT:

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| CITY OF PAINESVILLE ELECTRIC DEPARTMENT | 7 RICHMOND ST, PAINESVILLE |
| CITY OF PAINESVILLE WATER DEPARTMENT | 7 RICHMOND ST, PAINESVILLE |
| OHIO BELL TELEPHONE COMPANY | 1717 E. 9 TH ST., CLEVELAND |
| EAST OHIO GAS COMPANY | 820 W. SUPERIOR AVE., CLEVELAND |

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE STATE OF OHIO MAKES NO GUARANTEES AS TO THEIR ACCURACY OR COMPLETENESS.

CONTROL AND REFERENCE

CONTROL AND REFERENCE POINTS ARE ON FILE IN THE DIVISION OFFICE. REFERENCE STAKES HAVE BEEN SET BY DIVISION SURVEY CREWS.

CONSTRUCTION LAYOUT STAKES

SEE NOTE IN PROPOSAL DESCRIBING THE WORK INCLUDED IN THIS LUMP SUM PAY ITEM.

PROFILE

THE PROFILE OF THE PROPOSED ASPHALT CONCRETE COURSE SHALL BE APPROXIMATELY 1 (ONE) INCH ABOVE THAT OF THE EXISTING PAVEMENT.

REMOVAL OF TREES AND 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, 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 |
|-------|-----------|------------|
| 18" | 14 | |
| 30" | 8 | |
| 48" | 1 | |
| 60" | 1 | |

THE ABOVE ESTIMATE IS APPROXIMATE AND THE STATE OF OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF 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.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE PERFORMED ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH TEMPORARY GUIDE MARKERS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

ITEM 614 MAINTAINING TRAFFIC

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. BY USE OF EITHER THE EXISTING PAVEMENT, THE PROPOSED PAVEMENT OR TEMPORARY ROADWAYS. TEMPORARY ROADWAYS SURFACED WITH 402, 410 AND 616 SHALL BE PLACED WHERE DIRECTED AND IN THE AMOUNTS STIPULATED BY THE ENGINEER. THE LIMITS AND DURATION OF TEMPORARY ROADWAYS IN ALL CASES SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE FOLLOWING QUANTITIES OF 402, 410 AND 616 HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR MAINTAINING TRAFFIC:

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|---|----------|----------------|
| ITEM 402 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC | 50 C.Y. | |
| ITEM 410 TRAFFIC COMPACTED SURFACE, TYPE "C" | 100 TONS | |
| ITEM 616 CALCIUM CHLORIDE | 4 TONS | } DUST CONTROL |
| ITEM 616 WATER | 10 M.G. | |

PAYMENT FOR CONSTRUCTION MAINTENANCE AND SUBSEQUENT REMOVAL WHEREVER REQUIRED OF TEMPORARY ROADWAYS SHALL BE INCLUDED IN THE LUMP SUM BID FOR MAINTAINING TRAFFIC, ITEM 614.

THE CONTRACTOR MAY USE HIGH EARLY STRENGTH PORTLAND CEMENT FOR HIS CONCRETE MIX IN THE FOLLOWING AREAS TO EXPEDITE THE MOVEMENT OF TRAFFIC:

ALL INTERSECTIONS SHOWN ON EXTRA AREA SHEETS OR OTHER AREAS WHERE DEEMED ADVANTAGEOUS TO EXPEDITE THE WORK.

THE CEMENT SHALL MEET THE REQUIREMENTS OF SEC. 701.02 OR SEC. 701.05. IF SEC. 701.05 IS USED, AN ADMIXTURE AS PROVIDED BY SEC. 705.10 SHALL BE INCORPORATED IN THE MIX. THE COST OF FURNISHING THE HIGH EARLY STRENGTH CONCRETE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 305, 9" PORTLAND CEMENT CONCRETE BASE.

ESTIMATED QUANTITIES

THESE QUANTITIES AND/OR MATERIALS SHALL NOT BE PERFORMED NOR ORDERED UNTIL SO DIRECTED BY THE ENGINEER:

| | | |
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| ITEM 202; | 200 SQ. YD. | EXISTING PAVEMENT REMOVED AND DISPOSED OF. |
| " 202; | 200 SQ. YD. | EXISTING BRICK AND WEARING COURSE REMOVED AND DISPOSED OF. |
| " 202; | 200 SQ. YD. | EXISTING WEARING COURSE REMOVED AND DISPOSED OF. |
| " 202; | 8,120 SQ. FT. | EXISTING SIDEWALK REMOVED AND DISPOSED OF (100% CITY). |
| " 608; | 8,120 SQ. FT. | 4" CONCRETE WALK. (100% CITY). |
| " 616; | 10 M. GAL. | WATER FOR DUST CONTROL. |
| " 616; | 4 TON | CALCIUM CHLORIDE FOR DUST CONTROL. |
| " 305; | 200 SQ. YD. | 9" PORTLAND CEMENT CONCRETE BASE. |
| " 310; | 34 CU. YD. | SUBBASE, GRADING "C" OR "D". |
| " 402; | 50 CU. YD. | ASPHALT CONCRETE (LEVELING). |
| " 403; | 50 CU. YD. | ASPHALT CONCRETE (PRE-LEVELING). |
| " 404; | 50 CU. YD. | ASPHALT CONCRETE (1" SURFACE COURSE). |
| " 402; | 50 CU. YD. | ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. |
| " 410; | 100 TONS | TRAFFIC COMPACTED SURFACE TYPE "C". |

ITEM 202, EXISTING COMBINATION CURB AND GUTTER REMOVED & DISPOSED OF.

IN PERFORMING THE REMOVAL OF THIS ITEM, CARE SHALL BE TAKEN TO LEAVE AS STRAIGHT A JOINT AS POSSIBLE IN THE ASPHALT SURFACE WHERE THE COMBINATION CURB AND GUTTER JOINS THE EXISTING PAVEMENT. COST OF LOCATING THIS JOINT, CUTTING AND ALL MISCELLANEOUS ITEMS CONCERNED, SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THIS ITEM.

ITEM 202 CATCH BASIN OR INLET REMOVED

THE AREA IN THE EXISTING PAVEMENT OCCUPIED BY AN EXISTING CATCH BASIN OR INLET REMOVED UNDER ITEM 202 SHALL BE PAVED AS PER PLAN FOR REPAVEMENT OVER TRENCHES. THE COST OF REPAVEMENT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 202.

MANHOLES, CATCH BASINS AND INLETS REMOVED IN EXCAVATION

EXISTING MANHOLES, CATCH BASINS AND INLETS ENCOUNTERED DURING EXCAVATION AND NOT SPECIFICALLY REMOVED OR ABANDONED UNDER ITEM 202, SHALL BE INCLUDED IN THE COST OF EXCAVATION FOR ITEM 203, EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION.

REMOVAL OF EXISTING PIPE

THE REMOVAL OF ALL EXISTING PIPE DRAINS WITHIN THE LIMITS OF PROPOSED EXCAVATION ITEMS SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICES BID FOR THE RESPECTIVE EXCAVATION ITEMS, UNLESS OTHERWISE ITEMIZED IN THE PLANS.

ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

The rounded corners shown on Standard Drawing MC-1, apply to all cross sections, even though otherwise shown on these plans.