

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR
5	OHIO		

7
73

LAKE COUNTY
LAK-306-4.74

DA 9/17/81
K.S. 10/30/81

TRAFFIC SIGNALS &
STORM SEWERS

OHIO DEPT. OF TRANS. DIST. 12
BOX 05188 NEWBURGH STA.
CLEVELAND, OHIO 44105 PH. (216) 641-1930

ITEM 619 FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQUARE FEET OF FLOOR SPACE.

COAL SLURRY PIPELINE

CONSOLIDATION COAL COMPANY
MIDWESTERN REGION
CADIZ, OHIO 43907
PHONE: (614) 942-4384

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.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS are as obtained from the owners of the utility as required by section 153.64 O.R.C.

SUBSURFACE SOILS INVESTIGATIONS

SUBSURFACE SOILS INVESTIGATIONS WERE PERFORMED FOR DESIGN PURPOSES FOR THIS PROJECT. INFORMATION RESULTING FROM SUCH INVESTIGATIONS HAVE NOT BEEN INCORPORATED INTO THE PLANS DIRECTLY. COPIES OF THE SUBSURFACE SOILS REPORT HAVE BEEN FILED WITH THE DEPARTMENT OF TRANSPORTATION AND WILL BE AVAILABLE FOR INSPECTION IN THE DISTRICT DEPUTY DIRECTORS OFFICE, ODOT District 12, 10100 Broadway Ave., Garfield Heights, Ohio or ODOT Bureau of Contract Sales, Room 118, 25 S. Front St., Columbus, Ohio 43215.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

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"	-3*	-0-
30"	-0-	-0-
48"	-0-	-0-
60"	-0-	-0-

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.

MONUMENTS

MONUMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1, FOR LOCATIONS, SEE SHEET NO. 17, 18, 20, 21 & 40.

LOCATION OF GUARDRAIL

THE LOCATIONS OF GUARDRAIL RUNS, AS SHOWN ON THESE PLANS, ARE SUBJECT TO ADJUSTMENT PRIOR TO FINAL ACCEPTANCE. THE ENGINEER SHALL BE SATISFIED THAT ALL INSTALLATIONS WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN THE RIGHT-OF-WAY LINES IN UN-FENCED AREAS AND WITHIN THE WORK LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT.

ITEM 203, PROOF ROLLING

AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR USE IN PROOF ROLLING OF SUBGRADE FOR ALL PAVEMENT AREAS ON THIS PROJECT.

ITEM 659, 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 NONPERFORMED FOR THE AREAS WHERE TESTS SHOW THAT THE LIMING IS NOT REQUIRED.

WATERING AND MOWING PERMANENT SEEDED AREAS

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMANENT SEEDED AREAS, AS PER ITEM 659.09:

ITEM 659 WATER	20	M GALS.
ITEM 659 MOWING	41	M SQ.FT.

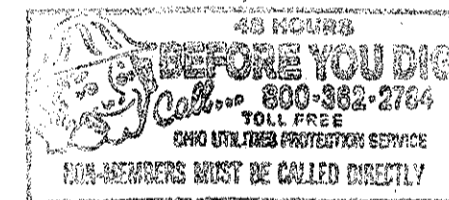
* ADVANCED TRAFFIC SIGNING BEYOND THE LIMITS OF THE WORK SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR.

UTILITY OWNERSHIP:

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

SANITARY SEWER
STORM SEWER
TRAFFIC SIGNAL

CITY OF WILLOUGHBY
MUNICIPAL BUILDING
WILLOUGHBY, OHIO 44094
PHONE: (216) 951-2800



STORM SEWER
OHIO DEPT. OF TRANSPORTATION
DIST. 12 OPERATIONS DEPT.
10100 BROADWAY AVE.
GARFIELD HEIGHTS, OHIO 44105-0931
PHONE (216) 641-1926

STORM SEWER
CITY OF KIRTLAND
CITY HALL
9122 CHILLICOTE RD.
KIRTLAND, OHIO 44094
PHONE (216) 256-3332

TELEPHONE

OHIO BELL TELEPHONE COMPANY
820 WEST SUPERIOR AVENUE
CLEVELAND, OHIO 44113
PHONE: (216) 822-6025

GAS

EAST OHIO GAS COMPANY
1201 EAST 55TH STREET
CLEVELAND, OHIO 44103
PHONE: (216) 361-2701

ELECTRICITY

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
1455 MENTOR AVENUE
PAINESVILLE, OHIO 44077
PHONE: (216) 354-5661

WATER

OHIO WATER SERVICE COMPANY
7473 CENTER STREET
MENTOR, OHIO 44060
PHONE: (216) 255-3421

LAKE COUNTY SANITARY ENGINEER
LAKE COUNTY ADMINISTRATION CENTER
105 MAIN STREET
PAINESVILLE, OHIO 44077
PHONE: (216) 352-6281

SAW CUTTING

ALL CONCRETE SAW CUTS FOR PAVEMENT REMOVAL SHALL BE FULL DEPTH, THE COST OF WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT ITEM 202.

MAINTENANCE OF TRAFFIC

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT. THE PROPOSED PAVEMENT AND CLASS A TEMPORARY PAVEMENT AS OUTLINED ON SHEETS 9, 9A AND 10. LOCAL ACCESS TO ABUTTING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES BY THE USE OF THE EXISTING PAVEMENT AND DRIVEWAYS. THE PROPOSED PAVEMENT AND DRIVEWAYS OR TEMPORARY PAVEMENT AND DRIVEWAYS SURFACED WITH 410 AGGREGATE STABILIZED WITH ITEM 616 CALCIUM CHLORIDE OR ITEM 404 BITUMINOUS CONCRETE. THE LIMITS AND DURATION OF USE OF TEMPORARY WEARING SURFACES SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND IN ALL CASES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE FOLLOWING ITEMS FOR MAINTENANCE OF LOCAL ACCESS HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 404 - BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC	60	CUBIC YARDS
ITEM 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B	400	CUBIC YARDS
ITEM 616 - CALCIUM CHLORIDE	8	TONS
ITEM 616 - WATER	8	M. GALLONS

PAYMENT FOR MAINTENANCE OF LOCAL ACCESS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

DUST CONTROL

A QUANTITY OF CALCIUM CHLORIDE AND WATER IS PROVIDED FOR USE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.

ITEM 616 - CALCIUM CHLORIDE	50	TONS
ITEM 616 - WATER	50	M. GALS.

LIGHTS, SIGNS AND BARRICADES

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ROAD CONSTRUCTION TRAFFIC MAINTAINED SIGNS, END OF CONSTRUCTION SIGNS, WARNING SIGNS, LIGHTS, BARRICADES, TEMPORARY GUARDRAIL AND SUCH OTHER TRAFFIC CONTROL DEVICES ALONG WITH WATCHMEN AND FLAGMEN NECESSARY TO MAINTAIN SAFE TRAFFIC CONDITIONS WITHIN THE WORK LIMITS, AT ALL TIMES INCLUDING PERIODS OF SUSPENSION OF WORK.

ALL TRAFFIC CONTROL DEVICES AND MEASURES USED BY THE CONTRACTOR SHALL BE IN STRICT ACCORDANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS",

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PAYMENT FOR THE ABOVE WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.