

GENERAL

NOTES

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

5A
57

LAKE COUNTY
LAK. - 2 - 1.80

EROSION CONTROL

ITEMS 601, 660 AND 667 ARE PROVIDED IN THE PLANS FOR 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 SOIL TO BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR SOD OR JUTE MATTING.

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR APPLICATION FOR PREVENTION OR ALLEVIATION OF DUST WHERE DIRECTED AND IN AMOUNTS SPECIFIED BY THE ENGINEER.

ITEM 616 WATER	200 M. GALS.
ITEM 616 CALCIUM CHLORIDE	5 TONS

CONTRACTION & EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN EXPANSION AND CONTRACTION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. PROVISION OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES AND THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL IN ALL CASES BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWINGS AND THE SPECIFICATIONS.

CONTRACTION JOINTS IN PAVEMENT WIDENING

WHERE NEW PAVEMENT IS PLACED ADJACENT TO EXISTING PAVEMENT, CONTRACTION JOINTS SHALL BE PROVIDED IN THE NEW PAVEMENT SO AS TO FORM A CONTINUOUS JOINT WITH THAT IN THE EXISTING PAVEMENT.

ADDITIONAL CONTRACTION JOINTS WILL BE REQUIRED IN THE NEW PAVEMENT AT MID-POINTS BETWEEN EXISTING JOINTS TO PROVIDE CONTRACTION JOINTS AT INTERVALS OF APPROXIMATELY 30 FEET.

LOCATION OF GUARDRAIL

THE LOCATIONS OF GUARDRAIL RUNS AS SHOWN IN THESE PLANS ARE SUBJECT TO ADJUSTMENT TO ASSURE THAT THE PLANNED INSTALLATIONS WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS AT EACH OF THE FOLLOWING APPROXIMATE LOCATIONS:

- EAST 305th STREET - STA' 5+60 (35' LEFT)
- EAST 305th STREET - STA' 0+60 (25' LEFT)

SIGN DETAILS SHALL BE AS SPECIFIED ON STANDARD DRAWING FACI-1, CODE N-54(1)-96(2)

THE SIGNS SHALL BE ERECTED IN ACCORDANCE WITH STANDARD DRAWING FACI-2. ADDITIONAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH NOTES IN THE PROPOSAL.

604 FURNISH COMPLETE CASTINGS FOR EXIST. MANHOLES and/or CATCH BASINS, AS PER PLAN

ALL EXISTING STRUCTURES TO BE ADJUSTED TO GRADE HAVE BEEN FIELD CHECKED TO DETERMINE THAT 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" AND (1) EACH "604 FURNISH COMPLETE CASTINGS FOR EXISTING CATCH BASINS, AS PER PLAN" HAVE 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 NEGLIGENT 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.

WATER WORK NOTES

SPECIFIC WATER WORK ITEMS REQUIRED BY THIS PROJECT MAY BE FOUND ON THE APPROPRIATE PLAN AND PROFILE SHEET. THESE QUANTITIES HAVE BEEN CARRIED FORWARD FROM THERE DIRECTLY INTO THE GENERAL SUMMARY SHEET.

ALL WATER WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD WATER SPECIFICATIONS OF THE CITY OF CLEVELAND, DEPARTMENT OF PUBLIC UTILITIES, DIVISION OF WATER AND HEAT. A COPY OF THESE SPECIFICATIONS IS ON FILE WITH THE CITY OF CLEVELAND, DIVISION OF WATER AND HEAT; THE DEPARTMENT OF TRANSPORTATION, DISTRICT 12, GARFIELD HEIGHTS, OHIO; OR THE DEPARTMENT OF TRANSPORTATION, CENTRAL OFFICE 25 SOUTH FRONT STREET, ROOM 506 OR ROOM 507, COLUMBUS, OHIO.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 86 OF THE CLEVELAND WATER SPECIFICATIONS FOR THE WORK TO BE DONE BY THE CITY OF CLEVELAND, THE CHARGES TO BE MADE, AND THE MATERIALS TO BE FURNISHED.

THE OHIO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR CONCRETE MAY BE USED IN LIEU OF THE CITY OF CLEVELAND SPECIFICATIONS.

WHERE REFERENCE IS MADE OF WATER WORK REQUIRED TO BE PERFORMED BY CITY OF CLEVELAND, DIVISION OF WATER, THE CONTRACTOR SHALL ARRANGE FOR AND PAY FOR THE WORK PERFORMED BY THE CITY OF CLEVELAND, DIVISION OF WATER.

ITEM SPECIAL - ADJUST WATER VALVE BOX TO GRADE

THE CONTRACTOR SHALL RAISE OR LOWER THE EXISTING VALVE BOX TO FIT THE REVISED GRADE BY EXCAVATING UNDER OR TAMPING BACKFILL UNDER THE VALVE BOX TO INSURE THAT THE BOX HAS A FIRM FOOTING.

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID FOR EACH "ITEM SPECIAL-ADJUST WATER VALVE BOX TO GRADE" WHICH PRICE AND PAYMENT SHALL CONSTITUTE FULL COMPENSATION FOR ADJUSTING THE VALVE BOX, EXCAVATION, TAMPING EARTH UNDER VALVE BOX, BACKFILLING, SEEDING, REPAVING, AND FOR THE FURNISHING OF ALL LABOR, MATERIALS, SMALL TOOLS AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM OF WORK.

ITEM SPECIAL - PLUG 3/4" SERVICE CONNECTION AT MAIN

WORK INCLUDED: THE WORK INCLUDED UNDER THESE ITEMS SHALL CONSIST OF THE PLUGGING OF SERVICE CONNECTIONS AT LOCATIONS SHOWN ON THE DRAWINGS OR AS ORDERED FOR THE PROPER COMPLETION OF THE WORK UNDER THIS CONTRACT.

PLUGGING SERVICE CONNECTIONS: THE SERVICE CONTRACTOR SHALL DO ALL THE NECESSARY EXCAVATING, SHEETING AND BRACING, SAND BACKFILLING AND REPAVING REQUIRED BY THIS ITEM, BUT THE CITY OF CLEVELAND, DIVISION OF WATER, WILL PLUG THE SERVICE CONNECTIONS.

THE CONTRACTOR SHALL ARRANGE WITH THE CITY OF CLEVELAND, DIVISION OF WATER, FOR THE NECESSARY WORK UNDER THIS ITEM.

MEASUREMENT: THE PLUGGING OF THE SERVICE CONNECTIONS SHALL BE PAID FOR AT THE ACTUAL NUMBER OF EACH LISTED AND ESTIMATED SEPARATELY COMPLETED AND ACCEPTED.

BASIS OF PAYMENT: THE UNIT PRICE STIPULATED PER EACH, FOR ITEM SPECIAL - PLUG 3/4" SERVICE CONNECTION AT MAIN, SHALL CONSTITUTE FULL COMPENSATION FOR PERFORMING ALL THE REQUIREMENTS OF THIS ITEM INCLUDING FURNISHING ALL NECESSARY LABOR, TOOLS, EQUIPMENT AND INCIDENTALS TO MAKE THIS A COMPLETE ITEM OF WORK. THE WORK PERFORMED BY THE CITY OF CLEVELAND, DIVISION OF WATER, SHALL BE INCLUDED IN THE CONTRACT PRICE PAID FOR THE ITEMS OF WORK.

LIGHTING NOTES

625.03 - GENERAL

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
THE ILLUMINATING BUILDING
CLEVELAND, OHIO 44113

NEW LIGHTING SHALL BE INSTALLED AND OPERABLE BEFORE THE EXISTING LIGHTING IS REMOVED OR OTHERWISE RENDERED INOPERABLE.

CONNECTION SHALL BE MADE TO THE EXISTING LIGHT POLE AT STATION 6 + 21± BY REUSING THE EXISTING CONNECTOR KITS. ALL COSTS OF LABOR, MATERIALS, MACHINERY AND INCIDENTALS NECESSARY FOR CONNECTING THE NEW CIRCUIT TO THE EXISTING LIGHT POLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 - DUCT CABLE.

SPECIFICATIONS

THESE NOTES ARE SUPPLEMENTAL TO ITEMS 625 AND 713 OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.

625.07 - 713.11 LUMINAIRES

(400 - WATT LUMINAIRES SHALL HAVE DUAL RATED 240/480 VOLT INTEGRAL REGULATOR BALLASTS AND SHALL BE GENERAL ELECTRIC M400, WESTINGHOUSE DV-25, MCGRAW-EDISON "UNISTYLE", OR EQUAL APPROVED BY THE ENGINEER.)

625.08 - 713.14 LAMPS

MERCURY LAMPS SHALL BE GENERAL ELECTRIC "BONUS LINE", WESTINGHOUSE "LIFEGUARD", SYLVANIA "ROUGH SERVICE", OR EQUAL APPROVED BY THE ENGINEER.

202 - REMOVE EXISTING LIGHT POLE

REMOVED COMPLETELY FROM SITE AND DISPOSED OF INCLUDING STEEL SHAFT WITH ANCHOR BASE, BRACKET ARM, CONCRETE FOUNDATION WITH ANCHOR BOLTS, CABLE AND ALL COMPONENTS AND INCIDENTALS. THE REMOVED ITEMS BECOMING THE PROPERTY OF THE CONTRACTOR.

TYPICAL MECHANICAL PROPERTIES FOR LIGHT POLES											
REFERENCE LETTER	DESIGN NUMBER	STYLE	SHAFT SIZE	ARM LENGTH	TAPER PER FOOT INCHES	GAUGE	FOUNDATION ANCHOR BOLTS			TRANSFORMER BASE STYLE	FOUNDATION SIZE
							SIZE DIA. x LENGTH	BOLT CIRCLE DIAMETER	PROJECTION ABOVE FNDN.		
A	AT 25 B 34.2	II	9.0" x 6.30" x 27'-0"	25	.10	11	1" x 40"	15"	4 1/2"	AT-A	24" x 6'
B	AT 15 B 34.2	II	9.0" x 4.87" x 29'-6"	15	.14	11	1" x 40"	15"	4 1/2"	AT-A	24" x 6'

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR EROSION AND SILTATION CONTROL MEASURES.

ITEM 207 - TEMPORARY SEEDING AND MULCHING	1400 S.Y.
ITEM 659 - COMMERCIAL FERTILIZER (12-12-12) - See S.A. No. 8	
ITEM 207 - WATER	3 M GAL.
ITEM 207 - TEMPORARY SLOPE DRAINS	100 L.F.
ITEM 207 - TEMPORARY BENCHES, DIKES, DAMS AND SEDIMENT BASINS	50 C.Y.
ITEM 659 - REPAIR SEEDING AND MULCHING	350 S.Y.
ITEM 207 - MOWING	25 M S.F.

LAKELAND FREEWAY & E. 305th ST. INTERCHANGE