

GENERAL

RIGHT OF WAY

ALL WORK SHALL BE PERFORMED WITHIN THE EXISTING RIGHT OF WAY OR EASEMENTS.

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.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 OF THE OHIO REVISED CODE.

UTILITY OWNERSHIP

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

- 1. THE CLEVELAND ELECTRIC ILLUMINATING CO. 55 PUBLIC SQUARE CLEVELAND, OHIO 44101 (216) 623-1350
2. OHIO BELL TELEPHONE CO. 1020 BOLIVAR ROAD CLEVELAND, OHIO 44115 (216) 822-6291
3. CITY OF CLEVELAND, DIVISION OF WATER 1201 LAKESIDE AVENUE CLEVELAND, OHIO 44114 (216) 664-3351
4. OHIO DEPARTMENT OF TRANSPORTATION 5500 TRANSPORTATION BLVD. GARFIELD HEIGHTS, OHIO 44125 (216) 581-2100
5. THE EAST OHIO GAS CO. 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 (216) 432-6803
6. LAKE COUNTY ENGINEER 105 MAIN STREET PAINESVILLE, OHIO 44077 (216) 357-2645

EXISTING TYPICAL SECTIONS

EXISTING TYPICAL SECTIONS HAVE BEEN TAKEN FROM THE RECORDS AND ARE BELIEVED TO REPRESENT THE EXISTING PAVEMENT, BUT THE STATE OF OHIO DOES NOT GUARANTEE THE ACCURACY OF THE SAME.

FOR FURTHER INFORMATION IN REGARD TO THE EXISTING TYPICAL SECTIONS THE CONTRACTOR SHALL REFER TO THE PREVIOUS CONSTRUCTION PLANS. THESE PLANS MAY BE REVIEWED AT THE OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT TWELVE OFFICES, 5500 TRANSPORTATION BLVD., GARFIELD HEIGHTS, OHIO 44125.

ALTERNATE METHODS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE DIRECTOR.

GENERAL NOTES

EQUIPMENT AND MATERIAL STORAGE

IN ORDER TO PROVIDE FOR THE SAFETY OF THE TRAVELING PUBLIC, THE CONTRACTORS ATTENTION IS DIRECTED TO 614.03. IN ADDITION THE FOLLOWING PROVISIONS SHALL APPLY:

- 1. ANY REMOVED ITEMS SHALL NOT BE STORED ON THE RIGHT OF WAY FOR MORE THAN THIRTY DAYS.
2. THE STORAGE OF EQUIPMENT, MATERIALS AND VEHICLES WITHIN THE HIGHWAY RIGHT OF WAY SHALL BE PERMITTED. THE NUMBER OF AREAS AND EXACT LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE STATE.

COST PARTICIPATION

THE QUANTITIES WHICH APPEAR IN THE GENERAL SUMMARIES HAVE BEEN PLACED IN THE FOLLOWING PARTICIPATION AREAS:

Table with 2 columns: SYMBOL and PLAN SYMBOL. Rows include COST PARTICIPATION I, II, III, and IV with corresponding stationing and descriptions.

ROADWAY

ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

ALL CORNERS SHALL BE ROUNDED (4' MINIMUM) EVEN THOUGH SHOWN OTHERWISE ON THESE PLANS.

ITEM 201 - CLEARING AND GRUBBING

THIS ITEM IS SPECIFICALLY INTENDED TO PROVIDE FOR THE REMOVAL OF TREES AND OTHER VEGETATION WHICH RESTRICTS SIGHT DISTANCE OR BLOCKS THE VIEW OF THE EXISTING OR PROPOSED SIGNS THROUGHOUT THIS PROJECT. THIS ITEM SHALL BE PERFORMED AT THE BEGINNING OF THE CONTRACT WORK.

ITEM 202 - GUARDRAIL REMOVED

THIS ITEM SHALL INCLUDE BOTH STANDARD AND BARRIER TYPE RAILS INCLUDING ANCHOR ASSEMBLIES AND TERMINAL ASSEMBLIES.

ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN

THIS ITEM SHALL BE USED TO REMOVE THE EXISTING ASPHALT OVERLAYS FULL WIDTH. THE TYPICAL REMOVAL SHALL BE TO THE TOP OF THE CONCRETE BASE. IN AREAS WHERE THERE IS FLEXIBLE PAVEMENT OR SHOULDERS THE REMOVAL SHALL BE TO A DEPTH EQUAL TO THAT OF THE REMOVAL OVER THE CONCRETE BASE.

PRIOR TO REMOVING ANY AREA OF WEARING COURSE THE CONTRACTOR SHALL REFERENCE ALL BADLY DISTRESSED JOINTS OR CRACKS. BADLY DISTRESSED JOINTS OR CRACKS ARE THOSE WHICH INDICATE REPEATED PATCHING AND/OR SIGNIFICANT SEPARATION. THESE JOINTS TYPICALLY INDICATE SURFACE FAILURE DUE TO SIGNIFICANT VERTICAL JOINT MOVEMENT.

THE JOINT REFERENCING SHALL INCLUDE THE APPROPRIATE LANE NUMBER AND BE MARKED BEYOND THE SHOULDER LIMITS DIRECTLY IN LINE WITH THE FAILED JOINT.

ALL ADDITIONAL COSTS FOR THIS FIELD SURVEY AND JOINT REFERENCING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN.

ITEM 203 - EMBANKMENT, AS PER PLAN

THE TOP 3 INCHES OF EMBANKMENT SHALL CONSIST OF LOOSE, FRIABLE, LOAMY SOIL WITHOUT THE ADMIXTURE OF REFUSE OR STONE GREATER THAN 1 INCH. THE SOIL SHALL BE CAPABLE OF SUPPORTING VEGETATION.

DITCH RESTORATION

THIS WORK SHALL CONSIST OF THE REMOVAL OF SILT, VEGETATION, TREES AND OTHER LOOSE OR UNSUITABLE MATERIAL FROM THE EXISTING DITCHES. THE ORIGINAL DITCH CROSS SECTION AND GRADE SHALL BE RE-ESTABLISHED TO THE SATISFACTION OF THE ENGINEER. PAYMENT FOR ITEM 203 - EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION, AS PER PLAN SHALL INCLUDE ALL COSTS OF REMOVAL, DISPOSAL, SEEDING AND MULCHING IN ACCORDANCE WITH ITEM 659. MEASUREMENT WILL BE BY LOOSE VOLUME IN CARRIER. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE UTILIZED AS OUTLINED ABOVE:

Table with 2 columns: ITEM 203 - EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION, AS PER PLAN and quantities 50 and 350 C.Y.

ITEM 254 - PAVEMENT PLANING, BITUMINOUS

A QUANTITY OF PAVEMENT PLANING, BITUMINOUS HAS BEEN INCLUDED TO BE USED WHERE FULL DEPTH FLEXIBLE REPAIRS ARE MADE AND WHERE THOSE REPAIRS ARE OPEN TO TRAFFIC. THIS ITEM SHALL BE USED AS DIRECTED BY THE ENGINEER TO PROVIDE A SMOOTH RIDING SURFACE IN THE FLEXIBLE REPAIR AREAS. THIS ITEM IS NOT INTENDED TO BE USED TO REPAIR BAD WORKMANSHIP BUT RATHER TO SMOOTH AREAS WHICH BECOME BUMPY OR ROLLING DUE TO TRAFFIC. THIS ITEM MAY BE USED TO PROVIDE SMOOTH TRANSITION INTO EXISTING TIRE RUTS.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS OUTLINED ABOVE:

Table with 2 columns: ITEM 254 - PAVEMENT PLANING, BITUMINOUS and quantity 250 S.Y.

GUARDRAIL PROTECTION

NO SIGN SUPPORTS SHALL BE ERRECTED BEFORE THE NECESSARY GUARDRAIL WHICH PROTECTS AN OBSTRUCTION IS IN PLACE. SIMILARLY EXISTING GUARDRAIL WHICH PROTECTS AN OBSTRUCTION OR SLOPE WHICH IS TO BE UPGRADED TO ELIMINATE GUARDRAIL, SHALL NOT BE REMOVED UNTIL THAT WORK HAS BEEN COMPLETED. EXISTING GUARDRAIL WHICH IS SCHEDULED TO BE REPLACED WITH TYPE 5 GUARDRAIL, SHALL NOT BE REMOVED UNTIL THE NEW GUARDRAIL IS READY TO BE INSTALLED. UNDER NO CIRCUMSTANCES SHALL ANY HAZARD BE WITHOUT GUARDRAIL PROTECTION FOR MORE THAN 24 HOURS. (SEE PUBLIC SAFETY NOTE SHEET NO. 21).

LAKE COUNTY LAK-90/271-1.88/0.00 OHIO REGION 5 FEDERAL PROJECT 12/185

PLOT SUBMITTED: 03-NOV-1992 09:20 05772GNA.dgn PLOTTED BY: lennon PLOTTED FROM: c:\dgn\p1d05772\05772gna.dgn