

GENERAL NOTES

LAK-2-0.00

FHWA REGION	STATE	PROJECT
5	OHIO	

7
171

ROADWAY

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 800 SQ. FT. OF FLOOR SPACE. PAYMENT SHALL BE AT THE LUMP SUM PRICE BID FOR ITEM 619-FIELD OFFICE.

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. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ALIGNMENT AND PROFILE:

THE WORK PROPOSED BY THIS PROJECT IS FOR THE RESURFACING OF THE EXISTING PAVEMENT. THE ALIGNMENT OF THIS EXISTING PAVEMENT WILL NOT BE CHANGED, AND THE PROFILE OF THE PROPOSED SURFACE WILL BE SIMILAR TO THAT OF THE EXISTING PAVEMENT EXCEPT THAT IT WILL BE RAISED AN AMOUNT EQUAL TO THE THICKNESS OF THE RESURFACING COURSES SPECIFIED IN 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 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.
820 WEST SUPERIOR AVE.
CLEVELAND, OHIO 44113
(216) 822-6241
3. THE EAST OHIO GAS CO.
1202 EAST 55TH ST.
CLEVELAND, OHIO 44103
(216) 361-2753
4. OHIO DEPT. OF TRANSPORTATION
10100 BROADWAY AVE.
GARFIELD HTS., OHIO 44125
(216) 614-1926



ITEM 202-CHIPPING CONCRETE PAVEMENT

THIS ITEM SHALL CONSIST OF CHIPPING THE EXISTING CONCRETE PAVEMENT AS DETAILED ON SHEET NO. 49 FOR CONSTRUCTION OF BUTT JOINTS.

THE FOLLOWING ESTIMATED QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR THE WORK AS STATED ABOVE:

ITEM 202-CHIPPING CONCRETE PAVEMENT..... 2000 S.Y.

ITEM 202-WEARING COURSE REMOVED

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED TO REMOVE EXISTING ASPHALT PRIOR TO RESURFACING AS DETAILED ON SHEET NO. 49.

ITEM 202-WEARING COURSE REMOVED.....10500 S.Y.

GUARDRAIL REPLACEMENT

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR SPOT REPLACEMENT OF GUARDRAIL IN ADDITION TO THE QUANTITIES TABULATED ON THE GUARDRAIL SUB-SUMMARY SHEET. THESE QUANTITIES SHALL BE USED TO REPLACE DAMAGED GUARDRAIL SECTIONS AT THE SR-91 INTERCHANGE ONLY AND ARE TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 202-GUARDRAIL REMOVED..... 500 L.F.
ITEM 606-GUARDRAIL, TYPE 5..... 500 L.F.

ITEM 202-GUARDRAIL REMOVED FOR STORAGE

RAIL ELEMENTS WHICH ARE REUSABLE AS DETERMINED BY THE ENGINEER SHALL BE STORED ON AN APPROVED PROJECT SITE FOR PICKUP BY LAKE COUNTY FORCES. PAYMENT FOR THIS WORK SHALL BE INCLUDED UNDER ITEM 202-GUARDRAIL REMOVED FOR STORAGE.

GUARDRAIL OVER CULVERTS AND PIER FOOTINGS:

WHEN SUFFICIENT POST DEPTH IS NOT AVAILABLE DUE TO A CULVERT OR PIER FOOTING, THE GUARDRAIL POSTS DIRECTLY OVER THE CULVERT OR PIER FOOTING SHALL NOT BE DRIVEN BUT SET IN HOLES. IF THE DISTANCE BETWEEN THE GROUND LINE AND THE TOP OF THE CULVERT OR PIER FOOTING IS LESS THAN THREE FEET, THE POST SHALL BE ENCASED IN A MINIMUM OF 4" THICKNESS OF COVER OF CLASS C CONCRETE FOR THE FULL DEPTH BELOW GROUND.

PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 606-GUARDRAIL TYPE 5.

LOCATION OF GUARDRAIL

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

FASTENING OF BRIDGE TERMINAL ASSEMBLIES

BRIDGE TERMINAL ASSEMBLIES WHICH ARE TO BE FASTENED TO EXISTING CONCRETE PARAPETS SHALL BE ATTACHED BY MEANS OF THROUGH BOLTS. EXPANSION ANCHOR BOLTS WILL NOT BE PERMITTED.

CONCRETE BARRIER, TYPE D, MODIFIED AS PER PLAN

THIS ITEM OF WORK SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THIS ITEM AS DETAILED IN THESE PLANS, INCLUDING DRAINAGE SLOTS, REINFORCING BARS AT DRAINAGE SLOTS AND TRANSITIONS AT THE BEGINNINGS AND ENDS OF BARRIERS AND AT LEAD IN PARAPETS TO STRUCTURES AND THE 4" RACEWAY. PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID OF ITEM 622-CONCRETE BARRIER, TYPE D, MODIFIED AS PER PLAN.

THE LOCATIONS OF THE DRAINAGE SLOTS IN CONCRETE BARRIER, TYPE D, MOD. A.P.P. AS SHOWN IN THESE PLANS ARE SUBJECT TO ADJUSTMENT TO ASSURE THAT THE PLANNED INSTALLATIONS WILL AFFORD MAXIMUM DRAINAGE.

ITEM 203-LINEAR GRADING AS PER PLAN

THIS ITEM SHALL BE PERFORMED ALONG THE OUTSIDE EDGE OF ALL PAVED SHOULDERS. THIS ITEM OF WORK SHALL INCLUDE ALL SITE RESTORATION AND EXCAVATION AND EMBANKMENT OPERATIONS NECESSARY TO PROVIDE A 2 INCH DROP AT THE EDGE OF THE SHOULDER RESURFACING OR AT THE EDGE OF THE EROSION CONTROL UNDER NEW GUARDRAIL. SITE RESTORATION WORK SHALL ALSO INCLUDE REGRADING OF THE SHOULDER AREAS WHERE TRAFFIC AND WEATHER MAY HAVE BUILT A RIDGE OF EARTH AND DEBRIS. THE CONTRACTOR SHALL PROVIDE SMOOTH SHOULDER SLOPES (1/2 INCH PER FOOT MINIMUM, 1 INCH PER FOOT MAXIMUM) TO ASSURE POSITIVE DRAINAGE. ALL AREAS DISTURBED BY THIS ITEM OF WORK SHALL BE RESEED AS PER 659.

ALL COST FOR EXCAVATION, EMBANKMENT, GRADING AND SEEDING AND MULCHING SHALL BE INCLUDED IN THIS ITEM OF WORK.

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR DUST CONTROL:

ITEM 616-WATER..... 75 M.GAL.
ITEM 616-CALCIUM CHLORIDE... 11 TON

LANE MILE DEFINITION (PORTLAND CEMENT CONC. PAV'T ONLY)

MAINLINE-ONE LANE PER 12 FT. WIDTH. ANY FRACTIONAL PORTION OF A LANE SHALL BE CONSIDERED A FULL LANE. (I.E. 0.1' TO 12.0' IS ONE LANE)

RAMP- TYPICALLY ONE LANE IS 16 FT. WIDE (18 FT. WIDE AT CORES). WHEN THE PAVEMENT WIDTH EXCEEDS THE SINGLE LANE WIDTH A SECOND LANE IS COUNTED (UP TO 24 FT. WIDE). THERE AFTER MULTIPLES OF 12 FT. DEFINE EACH LANE AS IN THE MAINLINE DEFINITION.

A LANE MILE IS ONE LANE, AS DEFINED ABOVE, ONE MILE LONG.