

GENERAL NOTES

CALC. BY Jim
DATE 12-5-94

CHKD. BY THL
DATE 12/16/94

MUS CR-500-0.00
CREAMERY ROAD

606 GUARDRAIL TYPE 5

THIS WORK SHALL CONSIST OF THE CONSTRUCTION OF GUARDRAIL OR GUARD POSTS IN ACCORDANCE WITH THESE SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.

GUARDRAIL SHALL BE GUARDRAIL TYPE 5.

THE CONSTRUCTION OF THE VARIOUS TYPES OF GUARDRAIL SHALL INCLUDE THE FURNISHING, ASSEMBLING, AND ERECTING OF ALL COMPONENT PARTS AND MATERIALS, COMPLETE IN PLACE, AT THE LOCATION SHOWN ON THE PLANS OR AS DIRECTED.

STANDARD DESIGN (SINGLE FACED) GUARDRAIL OF THE TYPE SHOWN ON THE PLANS SHALL BE ERECTED UNLESS OTHERWISE SPECIFIED.

GUARDRAIL REPLACEMENT

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE THE EXISTING GUARDRAIL, PREPARE THE SITE, AND INSTALL NEW GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED UNTIL SUCH A TIME AS THE ENGINEER IS ASSURED OF COMPLIANCE.

ALL EXISTING GUARDRAIL REMOVED SHALL BE NEATLY STACKED ON SITE FOR FUTURE USE BY THE MUSKINGUM COUNTY ENGINEER.

GUARDRAIL POST AND GUARD POST HOLES

ALL HOLES REMAINING AFTER REMOVAL OF GUARDRAIL POSTS OR GUARD POSTS SHALL BE FILLED WITH GRANULAR MATERIAL, EXCESS MATERIAL RESULTING FROM GUARDRAIL RECONSTRUCTION OR EXCESS MATERIAL FROM BERM RESHAPING. ALL FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. MATERIAL PLACED IN HOLES SHALL BE THOROUGHLY COMPACTED AND LEVELED OFF AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPLICABLE GUARDRAIL ITEM.

ITEM 203 EMBANKMENT CONSTRUCTION

AS DIRECTED BY THE ENGINEER EMBANKMENT CONSTRUCTION SHALL CONSIST OF PREPARATION OF THE AREAS UPON WHICH EMBANKMENTS ARE TO BE PLACED; THE PLACING AND COMPACTING OF APPROVED MATERIAL WITHIN ROADWAY AREAS WHERE UNSUITABLE MATERIAL HAS BEEN REMOVED; AND THE PLACING AND COMPACTING OF EMBANKMENT MATERIAL IN HOLES, PITS AND OTHER DEPRESSIONS WITHIN THE ROADWAY AREA. ONLY APPROVED MATERIALS SHALL BE USED IN THE CONSTRUCTION OF EMBANKMENTS AND BACKFILLS. FROZEN MATERIAL SHALL NOT BE PLACED IN THE EMBANKMENT NOR SHALL EMBANKMENT BE PLACED ON FROZEN MATERIAL. A QUANTITY OF 100 CU.YD. - 203 EMBANKMENT HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 616 DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM	ITEM EXT.	UNIT	DESCRIPTION	QTY.
616	10000	M GAL.	WATER	20
616	20000	TON	CALCIUM CLORIDE	2

ITEM 407 TACK COAT

THE RATE OF APPLICATION OF 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AVERAGE APPLICATION RATES OF 0.075 GALLONS PER SQUARE YARD OF TACK FOR ESTIMATING PURPOSES ONLY.

ITEM 201 CLEARING AND GRUBBING

THIS ITEM SHALL INCLUDE WHERE SO AS DIRECTED BY THE ENGINEER, CLEARING GRUBBING, SCALPING, REMOVAL OF TREES AND STUMPS, AND REMOVING AND DISPOSING OF ALL VEGETATION AND DEBRIS WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND EASEMENT AREA. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ALIGNMENT AND PROFILE

THE WORK PROPOSED BY THIS PROJECT IS FOR THE RESURFACING OF THE EXISTING PAVEMENT. THE ALIGNMENT OF THE 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 COURSE OR COURSES SPECIFIED IN THESE PLANS.

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 ENGINEERS DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.)

ITEM 614 MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY THE USE OF EXISTING PAVEMENT AND COMPLETED PAVEMENT.

THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES IN LOCATIONS BOTH WITHIN AND OUTSIDE OF THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE FOLLOWING REQUIRED TYPES AND QUANTITIES OF SIGNS IS INCLUDED IN ITEM 614, WORK ZONE MARKING SIGN.

SIGN TYPE	QTY.
"CONSTRUCTION AREA"	56
"NO EDGE LINES"	28
"UNMARKED NO PASSING ZONE"	28

ONE WAY TRAFFIC SHALL BE CONTROLLED IN COMPLIANCE WITH THE REQUIREMENTS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. IN ADDITION, COMMUNICATIONS BETWEEN FLAGGERS SHALL BE BY TWO-WAY RADIO DURING ALL TRAFFIC CONTROL OPERATIONS. PAYMENT FOR THE ABOVE IS INCLUDED IN ITEM 614, MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE

THE LENGTH OF ONE WAY TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTANT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.