

GENERAL NOTES

CALC BY CDB	LAK 91-3.83	OHIO	7
DATE 5-24-90			44
CHKD BY MJN		FHWA REGION 5	
DATE 7-5-90			

SCOPE OF SERVICES:

THE WORK WITHIN THE LIMITS OF THIS IMPROVEMENT INCLUDES THE REPAIR AND/OR REPLACEMENT OF DETERIORATED CONCRETE OR ASPHALT PAVEMENT, CURBS AND CONCRETE DIVIDER MEDIAN, THE ADJUSTMENT OF EXISTING MANHOLES AND MONUMENT BOX CASTINGS TO GRADE, THE REMOVAL AND DISPOSAL OF CATCH BASINS AND APPURTENANCES, THE REPLACEMENT OF CATCH BASINS, THE COLD GRINDING (PLANING) OF THE EXISTING ASPHALT CONCRETE PAVEMENT, CONSTRUCTION OF BUTT JOINTS AND THE INSTALLATION OF ASPHALT CONCRETE PAVEMENT OVERLAYS, TRAFFIC CONTROL ITEMS AND OTHER RELATED ITEMS AS SHOWN ON THE PLANS AND STIPULATED IN THE NOTES AS DIRECTED BY THE ENGINEER.

EXISTING TYPICAL SECTIONS:

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

STATIONING AND LOCATIONS:

STATIONING AND LOCATIONS INDICATED ON THE PLANS ARE APPROXIMATE. ALL LOCATIONS AND ITEMS CALLED OUT BY STATION ARE SUBJECT TO ADJUSTMENT IN THE FIELD "AS DIRECTED BY ENGINEER."

UNDERGROUND UTILITIES:

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITIES AS REQUIRED BY SECTION 153.64 ORC.

UTILITIES:

THE FOLLOWING IS BELIEVED TO BE THE LIST OF UTILITY OWNERS WITHIN THE LIMITS OF CONSTRUCTION:

OHIO UTILITIES PROTECTION SERVICE
106 WEST RYAN, ROOM 427
YOUNGSTOWN, OHIO 44051
PHONE 1-800-362-2764

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
P.O. BOX 5000
CLEVELAND, OHIO 44101
PHONE 216 622-9800

CONTINENTAL CABLEVISION
34829 VINE STREET
EASTLAKE, OHIO 44095
PHONE 216 951-7200

CITY OF EASTLAKE
35150 LAKESHORE BOULEVARD
EASTLAKE, OHIO 44095
PHONE 216 951-1416

THE EAST OHIO GAS COMPANY
1201 EAST 55TH STREET
CLEVELAND, OHIO 44103
PHONE 216 432-6803

THE OHIO BELL TELEPHONE COMPANY
1020 BOLIVAR, ROOM 421
CLEVELAND, OHIO 44115
PHONE 216 822-6025

LAKE COUNTY DEPARTMENT OF UTILITIES
105 MAIN STREET
PAINESVILLE, OHIO 44077
PHONE 216 357-2645

ADJACENT PROJECT COOPERATION:

PROJECT NO. LAK-20-3.26, AN INTERSECTION IMPROVEMENT PROJECT AT SR 91 AND EUCLID (U.S. 20), IS EXPECTED TO BE UNDER CONSTRUCTION DURING THE SAME PERIOD AS LAK 91-3.83. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES IN THE VICINITY INCLUDING TRAFFIC CONTROL, WITH THE ADJACENT PROJECT TO MINIMIZE ANY CONFLICTS.

EXISTING FEATURES:

EXISTING SITE FEATURES, ALIGNMENT ELEVATIONS AND APPURTENANCES ARE BASED ON THE ORIGINAL ROADWAY CONSTRUCTION PLANS PREPARED BY ADACHE ASSOCIATES, INC., ENGINEERS (1967) ON FILE AT THE ODOT DISTRICT 12 OFFICE.

WORK LIMITS:

THE LIMITS OF WORK AT THE INTERSECTIONS SHALL BE AS SHOWN ON THE PLANS, OR AS OTHERWISE DIRECTED BY THE ENGINEER.

ITEM 254 - PAVEMENT PLANING, BITUMINOUS:

THE FOLLOWING QUANTITY OF ITEM 254, PAVEMENT PLANING, BITUMINOUS, HAS BEEN INCLUDED IN THE GENERAL SUMMARY. THE PURPOSE OF THIS QUANTITY IS TO ESTABLISH THE NORMAL CROSS SLOPE OF 0.015 FT./FT. AND TO REMOVE EXISTING RUTTING AND SHOVING AT THE CURB FACES. A POST PLANING, PREPAVEMENT CURB REVEAL OF 7-1/2 INCHES SHALL BE OBTAINED BY 1-1/2 INCHES OF NOMINAL PLANING FROM STA. 202+08.09 TO STA. 223+46.83, FROM STA. 227+55.03 TO STA. 236+77.09, AND FROM STA. 252+32.07 TO STA. 341+85.00. 1-1/4 INCHES OF NOMINAL PAVEMENT PLANING SHALL BE PERFORMED TO MAINTAIN THE EXISTING CURB REVEAL (AFTER PAVING) FROM STA. 238+48.35 TO STA. 240+21.50 AND FROM STA. 243+65.92 TO STA. 246+75.00. *PAYT PLANING MAY BE NON-PERFORMED IN WIDENING AREA (SEE PART 2) AS DIRECTED BY THE ENGINEER.*

QUANTITIES FOR ITEM 254 - PAVEMENT PLANING, BITUMINOUS, ARE CALCULATED ON SHEET 10 - CALCULATIONS, AND HAVE BEEN CARRIED OVER TO THE GENERAL SUMMARY.

UNDERSEAL PAVEMENT:

AN ESTIMATED QUANTITY OF ITEM 812 - PORTLAND CEMENT HAS BEEN INCLUDED IN THE PLANS FOR GROUT SUBSEALING OF EXISTING CONCRETE PAVEMENT SCHEDULED TO BE OVERLAID WITH ASPHALT CONCRETE.

THIS WORK SHALL BE PERFORMED AFTER PAVEMENT REPAIRS ARE COMPLETE AT LOCATIONS WHICH ARE DISTRESSED OR HAVE BREACHED THE WATERPROOFING BUT ARE NOT TO BE TOTALLY REPAIRED, AS DIRECTED BY THE ENGINEER. ONLY MAINLINE PAVEMENT SHALL BE SUBSEALED.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED OVER TO THE GENERAL SUMMARY.

ITEM 812 - PORTLAND CEMENT 10 TONS

JOINT SEALERS:

ALL REFERENCES TO 705.01 OR 705.02, APPEARING ON STANDARD DRAWINGS OR ON THE PLANS, SHALL BE CONSIDERED TO READ 705.04.

DUST CONTROL:

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL PURPOSES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR DUST CONTROL PURPOSES:

ITEM 616 WATER 100 M. GALS.
ITEM 616 CALCIUM CHLORIDE 20 TONS

ITEM SPECIAL - CRACK AND JOINT CLEANING AND SEALING:

ALL CRACKS AND JOINTS IN CONCRETE PAVEMENT AREA (STA 246+75 TO STA 252+32.07) SHALL BE PREPARED IN ACCORDANCE WITH THE NOTE IN THE PROPOSAL AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

ITEM SPECIAL	CRACK CLEANING AND SEALING, CLASS I, 705.04	450 L.F.
ITEM SPECIAL	CRACK CLEANING AND SEALING, CLASS II, 705.04	450 L.F.
ITEM SPECIAL	TRANSVERSE JOINT CLEANING AND SEALING, CLASS III, 705.04	430 L.F.
ITEM SPECIAL	TRANSVERSE JOINT CLEANING AND SEALING, CLASS IV, 705.04	430 L.F.
ITEM SPECIAL	LONGITUDINAL JOINT CLEANING AND SEALING, CLASS V, 705.04	870 L.F.
ITEM SPECIAL	LONGITUDINAL JOINT CLEANING AND SEALING, CLASS VI, 705.04	1300 L.F.

CONCRETE CURB REMOVED AND REPLACED:

WHERE DESIGNATED BY THE ENGINEER, DETERIORATED TYPE 6 CONCRETE CURB WILL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE.

DETERIORATED CURB IN 10 FOOT SECTIONS SHALL BE REMOVED AND DISPOSED. THE NEW CURB SHALL MEET THE HEIGHT OF THE EXISTING CURB AT THE POINT WHERE THEY MEET.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

ITEM 202 -	CURB REMOVED	1,000 L.F.
ITEM 609 -	CURB, TYPE 6	1,000 L.F.

TACK COAT:

THE RATE OF APPLICATION OF ITEM 407 - TACK COAT, SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER, PER 407.05. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.1 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

EXISTING UNDERDRAINS:

IT IS INTENDED THAT THE EXISTING SHALLOW UNDERDRAINS BE REPLACED WITH NEW 6" SHALLOW PIPE UNDERDRAINS. THE EXISTING SHALLOW PIPE UNDERDRAINS ARE TO BE REMOVED. THE EXISTING DEEP UNDERDRAINS SHALL BE LEFT IN PLACE. THE COST OF REMOVING THE EXISTING SHALLOW PIPE UNDERDRAINS, RECONSTRUCTING THE SHALLOW DRAIN ENTRANCE INTO EXISTING DRAINAGE APPURTENANCES AND RECONNECTING THE EXISTING DEEP UNDERDRAINS TO NEW INLETS SHALL BE INCLUDED IN THE UNIT PRICE BID PER LINEAR FOOT OF ITEM 605 - 6" SHALLOW PIPE UNDERDRAIN, AS PER PLAN.

ITEM 632 - LOOP DETECTORS:

THE EXISTING TRAFFIC DETECTION LOOPS AT THE LEFT TURN LANES SHALL BE TESTED BY THE CONTRACTOR PRIOR TO THE PLANING OPERATIONS. AFTER PLANING, THE CONTRACTOR SHALL RETEST THE TRAFFIC LOOPS FOR DAMAGE AND REPLACE ANY LOOPS DAMAGED.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED OVER TO THE GENERAL SUMMARY.

	ITEM 632	LOOP DETECTOR WIRE, TYPE E	1860 L.F.
	ITEM 632	LOOP DETECTOR, PAVEMENT CUTTING	1860 L.F.

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 ALTERED AN AMOUNT EQUAL TO THE THICKNESS OF THE SURFACING COURSES OR BITUMINOUS PLANING SPECIFIED IN THESE PLANS.

EXCESS EXCAVATION:

ALL EXCAVATION MATERIAL NOT USED ON THIS PROJECT SHALL BE REMOVED FROM THE SITE. REMOVAL OF EXCAVATION MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 203 - EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION.

FENCE REMOVAL AND REPLACEMENT

THE FOLLOWING ESTIMATED QUANTITIES ARE INCLUDED IN THE GENERAL SUMMARY AND ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR FENCE REMOVAL AND REPLACEMENT ALONG THE RIGHT-OF-WAY LIMITS OF THE PROJECT WHERE THE EXISTING RIGHT-OF-WAY FENCE HAS BEEN DAMAGED OR IS IN DISREPAIR. LOCATIONS OF FENCE REMOVAL AND REPLACEMENT SHALL BE AT THE DISCRETION OF THE ENGINEER.

	ITEM	DESCRIPTION	QUANTITY
	ITEM 202	FENCE REMOVED	1,000 L.F.
	ITEM 607	FENCE, TYPE CL	1,000 L.F.