

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		4 62

LAKE COUNTY
LAK-20-7.92
ISSUE 1

TRAFFIC MAINTENANCE

TWO-WAY TRAFFIC, A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED ON U.S. ROUTE 20 AT ALL TIMES BY THE USE OF EITHER THE EXISTING PAVEMENT OR THE PROPOSED PAVEMENT.

DURING THE HOURS OF 6:00 AM TO 9:00 AM THREE LANES OF TRAFFIC CONSISTING OF TWO LANES WESTBOUND AND ONE EAST BOUND SHALL BE MAINTAINED THROUGHOUT THE WORK LIMITS OF THE PROJECT. DURING THE HOURS OF 4:00 PM TO 7:00 PM THREE LANES OF TRAFFIC CONSISTING OF TWO EASTBOUND AND ONE WESTBOUND SHALL BE MAINTAINED THROUGHOUT THE WORK LIMITS OF THE PROJECT.

DRIVEWAY CONSTRUCTION AT THE GREAT LAKES MALL AND MENTOR AVENUE (U.S. ROUTE 20) SHALL BE PERFORMED SO THAT TWO (2) DRIVEWAYS ARE MAINTAINED AT ALL TIMES.

LOCAL ACCESS SHALL BE MAINTAINED AT ALL TIMES, WITH CARE TAKEN TO PROVIDE ADEQUATE INGRESS AND EGRESS TO ALL ESTABLISHMENTS.

PART WIDTH CONSTRUCTION SHALL BE EMPLOYED AT THE FOLLOWING DRIVES TO MAINTAIN ACCESS TO THE AFFECTED ESTABLISHMENTS:

STA 122 + 10	LEFT	7719 MENTOR AVENUE
STA 122 + 70	LEFT	8372 MENTOR AVENUE
STA 129 + 17	LEFT	7793 MENTOR AVENUE
STA 133 + 56	LEFT	7835 MENTOR AVENUE

HIGH EARLY STRENGTH CEMENT SHALL BE USED FOR DRIVEWAYS OR CURBS TO FACILITATE THE MAINTENANCE OF TRAFFIC AS DIRECTED BY THE ENGINEER.

THE CEMENT SHALL MEET THE REQUIREMENTS OF 701.02 OR 701.05. IF 701.05 IS USED, AN ADMIXTURE AS PROVIDED BY 701.05 SHALL BE INCORPORATED IN THE MIX. THE COST OF FURNISHING THE HIGH EARLY STRENGTH CONCRETE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 452 PLAIN PORTLAND CEMENT CONCRETE PAVEMENT.

ESTIMATED QUANTITIES FOR MAINTAINING TRAFFIC
ESTIMATED QUANTITIES OF 404, 410 AND 616 HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR MAINTAINING TRAFFIC, AND SHALL BE APPLIED AT LOCATIONS WHERE DIRECTED AND IN THE AMOUNTS SPECIFIED BY THE ENGINEER. IN LIEU OF ITEM 410, THE CONTRACTOR MAY FURNISH ITEM 304 AT NO ADDITIONAL COST TO THE STATE.

ITEM 404 - ASPHALT CONCRETE SURFACE COURSE OR AN APPROVED BITUMINOUS PREMIXED SURFACE COURSE FOR MAINTAINING TRAFFIC	15 CU. YDS.
ITEM 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B	150 CU. YDS.
ITEM 616 - CALCIUM CHLORIDE	5 TONS

ITEM 201 - CLEARING AND GRUBBING

CLEARING AND GRUBBING SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.

SAW CUTTING EXISTING PAVEMENT, DRIVES AND CURBS

ALL SAW CUTS SHALL BE FULL DEPTH.

COST OF SAW CUTTING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 202 ITEM.

ITEM 616 - DUST CONTROL

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

ITEM 616	WATER	5 M. - GAL
ITEM 616	CALCIUM CHLORIDE	1 TON

LIGHTS AND SIGNS AT ADJACENT INTERSECTIONS

THE CONTRACTOR SHALL, IN ADDITION TO THE GENERAL REQUIREMENTS OF ITEM 614 ON THIS PROJECT, PERFORM THE FOLLOWING:

PROVIDE, ERECT AND MAINTAIN STANDARD 48" X 30" SIZE "ROAD CLOSED" SIGN, SIGN SUPPORTS, AND LIGHTS AT THE DRIVEWAYS TO THE GREAT LAKES MALL DURING PERIODS IN WHICH THE AFFECTED DRIVE IS CLOSED TO TRAFFIC.

SIGN SUPPORTS AND LIGHTS FOR "ROAD CLOSED" SIGNS SHALL BE AS DETAILED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

PAYMENT FOR PROVIDING, ERECTING, MAINTAINING AND REMOVING LIGHTS, SIGNS, AND SIGN SUPPORT SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR "ITEM 614 MAINTAINING TRAFFIC".

ALL REFERENCE TO THE "OHIO MANUAL" IS AS FOLLOWS: "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION, LATEST REVISION.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE PERFORMED ONLY ON ONE SIDE OF THE PAVEMENT. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH TEMPORARY GUIDE MARKERS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQUARE FEET OF FLOOR SPACE, AND IN ADDITION TO THE REQUIREMENTS OF ITEM 619, HE SHALL PROVIDE AND MAINTAIN SANITARY PROVISIONS AS PER 107.06. ALL THE ABOVE IS INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE STATE OF OHIO DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.

THE FOLLOWING IS A LIST OF THE UTILITIES WITHIN THE LIMITS OF THIS PROJECT:

LAKE COUNTY SANITARY ENGINEER
NOLAN BUILDING PHONE: 216-352-6581
PAINESVILLE, OHIO 44077

CLEVELAND ELECTRIC ILLUMINATING COMPANY
ILLUMINATING BUILDING PHONE: 216-623-1350
55 PUBLIC SQUARE
CLEVELAND, OHIO 44114

OHIO BELL TELEPHONE COMPANY PHONE: 216-513-4018
820 SUPERIOR AVENUE WEST
CLEVELAND, OHIO 44113

EAST OHIO GAS COMPANY PHONE: 216-522-2719
1201 EAST 55TH STREET
CLEVELAND, OHIO 44113

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
#1 NORTH WACKER DRIVE PHONE: 216-822-2212
CHICAGO, ILLINOIS

OHIO WATER SERVICE COMPANY PHONE: 216-755-2163
235 STATE STREET
STRUTHERS, OHIO 44471

UTILITIES PROTECTION SERVICE
PHONE: 1-800-362-2764

ESTIMATED QUANTITIES

SPECIFIC LOCATIONS AND USAGE OF ESTIMATED QUANTITIES SET UP ON THIS PLAN TO BE USED "AS DIRECTED BY THE ENGINEER" SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT. ESTIMATED QUANTITIES OF MATERIALS SHALL NOT BE ORDERED FOR DELIVERY TO THE PROJECT UNLESS AUTHORIZED BY THE ENGINEER.

CONTROL AND REFERENCE POINTS

CONTROL AND REFERENCE POINTS ARE ON FILE IN THE DISTRICT OFFICE, LAKE COUNTY ENGINEERS OFFICE, AND THE CITY OF MENTOR ENGINEERS OFFICE. REFERENCE STAKES HAVE BEEN SET BY THE CITY OF MENTOR SURVEY CREWS.

ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

THE ROUNDED CORNERS SHOWN ON THE TYPICAL SECTIONS, APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN ON THESE PLANS.

ITEM 403 ASPHALT CONCRETE PRELEVELING

AN ESTIMATED QUANTITY OF ITEM 403: ASPHALT CONCRETE PRELEVELING HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR CORRECTING IRREGULARITIES IN CROWN AND PROFILE.

THE MATERIAL SHALL BE PLACED IN A SEPARATE OPERATION WHERE AND AS DIRECTED BY THE ENGINEER.

SEEDING

THE QUANTITIES FOR SEEDING HAVE BEEN CALCULATED FOR THE AREAS BETWEEN THE PROPOSED CURBS AND THE EXISTING OR PROPOSED SIDEWALK AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS BEYOND THE SIDEWALK AND RIGHT-OF-WAY LINE WHICH ARE COVERED BY TEMPORARY "WORK LIMIT" AGREEMENT.

SPECIAL SEEDING INSTRUCTIONS

FILL SLOPES ON THE RIGHT SIDE OF THE ROADWAY SHALL BE SEEDDED AND MULCHED IMMEDIATELY UPON COMPLETION OF THE EMBANKMENT CONSTRUCTION WHERE DIRECTED BY THE ENGINEER.

ALL COSTS FOR THE ABOVE MENTIONED OPERATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 659: SEEDING AND MULCHING, AS PER PLAN. SEEDING FORMULA

THE FOLLOWING SEED MIXTURE SHALL BE USED IN LIEU OF THE MIXTURES LISTED IN SECTION 659.09 THROUGHOUT THE LIMITS OF THIS PROJECT.

60% KENTUCKY BLUEGRASS
25% CREEPING RED FESCUE
10% RED TOP
5% WHITE DUTCH CLOVER

QUANTITY CALCULATION
BY: JSS DATE: 11/21/72
CHKD: JEP DATE: 11/10/72

DEBEVEC, SALO & ASSOCIATES, INC.