

GENERAL NOTES

CALC. BY <u>J.J.C.</u> DATE <u>1/83</u>	LAK - 535 - 0.55	OHIO FHWA REGION 5	4 90
CHKD. BY <u>C.C.H.</u> DATE <u>1/83</u>			

PLAN NO. 271

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 LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE 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.

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 153.04 O.R.C.

UTILITY OWNERSHIP

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

VILLAGE OF FAIRPORT HARBOR
220 THIRD STREET
FAIRPORT HARBOR, OHIO 44077
(STORM SEWERS, WATERLINES
AND TRAFFIC SIGNALS)
352-3620

LAKE COUNTY DEPARTMENT OF UTILITIES
105 MAIN STREET
P.O. BOX 480
PAINESVILLE, OHIO 44077-0490
(SANITARY SEWERS)
946-2829

CLEVELAND ELECTRIC ILLUMINATING CO.
55 PUBLIC SQUARE
CLEVELAND, OHIO 44113
623-1350

THE OHIO BELL TELEPHONE COMPANY
820 WEST SUPERIOR AVENUE
CLEVELAND, OHIO 44113
882-6241

CONTINENTAL CABLEVISION
7511 MENTOR AVENUE
MENTOR, OHIO 44060
953-0423

THE EAST OHIO GAS COMPANY
1201 EAST 55TH STREET
CLEVELAND, OHIO 44103
(216) 736-6667

CASTING ADJUSTED TO GRADE BY PRIVATE UTILITY COMPANIES

ALL CASTINGS IN THE PAVEMENT OWNED BY PRIVATE UTILITY COMPANIES SHALL BE ADJUSTED TO GRADE BY THE RESPECTIVE UTILITY COMPANY PRIOR TO RESURFACING.

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.

ELEVATION DATUM

ALL ELEVATIONS REFER TO U.S.G.S. DATUM

PROFILE AND ALIGNMENT

THE PROFILE AND ALIGNMENT OF THE PROPOSED ASPHALT CONCRETE SHALL MEET THAT OF THE EXISTING PAVEMENT AS INDICATED ON THE TYPICAL SECTIONS.

EXISTING TYPICAL SECTIONS

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

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR APPLICATION FOR PREVENTION OR ALLEVIATION OF DUST AS DIRECTED BY THE ENGINEER.

ITEM 616 - CALCIUM CHLORIDE 6 TON
ITEM 616 - WATER 60 M-GAL

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

EROSION CONTROL

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER, FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

ITEM 207 - STRAW OR HAY BALES 544 EACH
ITEM 207 - FILTER FABRIC FENCE 400 L.F.

THESE ITEMS HAVE BEEN INCLUDED IN THE GENERAL SUMMARY.

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

ITEM 207 - FILTER FABRIC FENCE

MATERIALS

FILTER FABRIC SHALL MEET THE REQUIREMENT OF 207.02

CONSTRUCTION

THE BOTTOM OF THE FENCE SHALL BE BURIED 6" BELOW THE GROUND. THE FENCE SHALL BE HIGH ENOUGH TO RETAIN SEDIMENT LADEN WATER AND ADEQUATELY SUPPORTED TO PREVENT COLLAPSE OR BURSTING. THE GROUND ELEVATION OF THE FENCE SHALL BE HELD CONSTANT EXCEPT THAT THE END ELEVATIONS SHALL BE RAISED TO PREVENT FLOW AROUND THE END OF THE FENCE.

MAINTENANCE

THE FILTER FABRIC FENCE SHALL, AT THE DIRECTION OF THE ENGINEER, BE MAINTAINED TO BE FUNCTIONAL. THIS SHALL INCLUDE REMOVAL OF TRAPPED SEDIMENT AND REQUIRED CLEANING, REPAIR, AND/OR REPLACEMENT OF THE FILTER FABRIC.

PAYMENT

THE COST OF ALL MATERIALS, CONSTRUCTION, MAINTENANCE AND REMOVAL REQUIRED SHALL BE PAID FOR UNDER ITEM 207 - FILTER FABRIC FENCE.

EROSION CONTROL

ITEM 601 & 660 ARE PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE THESE ITEMS, AND TURF OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE 660. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES FOR THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION.

ITEM 660 - SODDING AS PER PLAN

PAYMENT FOR SODDING SHALL INCLUDE THE FURNISHING AND PLACING OF A 3 INCH MINIMUM BED OF TOPSOIL AS PER 653.02 EXCEPT FOR THE IGNITION TEST.

QUANTITIES FOR SODDING ARE CALCULATED FOR THE DISTURBED SOIL AREAS EXTENDING TO THE EXISTING RIGHT-OF-WAY OR EASEMENT LINE. SEE SEEDING/SODDING SUB-SUMMARY, SHEET NO. 85.

PAVEMENT

ITEM 254 - PAVEMENT PLANING, BITUMINOUS & PORTLAND CEMENT CONCRETE

PAVEMENT PLANING AREAS SHALL BE AS PER THE TYPICAL SECTIONS ON SHEET 3.

PAVEMENT PLANING WORK ZONE LENGTHS SHALL BE KEPT TO AN ABSOLUTE MINIMUM. TRAFFIC SHALL NOT BE EXPOSED TO LONGITUDINAL VERTICAL FACES DURING NON-WORKING HOURS.

TRANSVERSE VERTICAL FACES SHALL BE TEMPORARILY RAMPED A MINIMUM OF 10 FEET IN LENGTH. THE TRAFFIC SHALL BE WARNED WITH AN OW-62 "BUMP" SIGN IN ADVANCE OF THE PLANING AREA, EXCEPT AT STOP CONDITION LOCATIONS.

ALL CASTINGS SHALL BE ADJUSTED TO GRADE AFTER THE PAVEMENT PLANING OPERATION. THE CASTING ELEVATION DIFFERENTIAL WITH THE SURROUNDING PAVEMENT SHALL NOT BE GREATER THAN 1 INCH WHEN EXPOSED TO TRAFFIC.

THE TIME BETWEEN PAVEMENT PLANING OPERATIONS AND PAVEMENT RESURFACING OPERATIONS SHALL BE KEPT TO A MINIMUM AND SHALL IN NO CASE EXCEED TWO (2) WEEKS TO PROTECT THE EXISTING SUBPAVEMENT FROM UNDUE EXPOSURE.

ITEM 254 - PATCHING PLANED SURFACE

THE FOLLOWING ESTIMATED QUANTITY BASED ON 5% OF THE TOTAL PAVEMENT HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER FOR PATCHING PLANED SURFACES.

ITEM 254 - PATCHING PLANED SURFACE 770 SQ. YDS.

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR

THIS ITEM IS TO BE USED TO REPAIR DISTRESSED PAVEMENT SURFACES AND POTHoles. REPAIR AREAS SHALL BE AS DIRECTED BY THE ENGINEER. TYPICAL REPAIR SECTIONS APPEAR ON SHEET 66. THE FOLLOWING ESTIMATED QUANTITIES BASED ON 10% OF THE TOTAL PAVEMENT AREA HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR 1550 SQ. YDS.

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

ITEM 252 - PAVEMENT REPAIR

THIS ITEM IS TO BE USED FOR FULL DEPTH PAVEMENT REPAIRS. REPAIR AREAS SHALL BE AS DIRECTED BY THE ENGINEER. TYPICAL REPAIR SECTIONS APPEAR ON SHEET 65. THE FOLLOWING ESTIMATED QUANTITIES BASED ON 5% OF THE TOTAL PAVEMENT AREA HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER. THESE ITEMS ARE IN ADDITION TO THOSE SPECIFIED LOCATIONS NOTED ON THE PLAN.

ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL & FLEXIBLE REPLACEMENT, TYPE I 80 SQ. YDS.

ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL & FLEXIBLE REPLACEMENT, TYPE II 700 SQ. YDS.

ITEM 252 - FULL DEPTH SAWING 1600 LIN. FT.

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

SUBBASE/SUBGRADE FAILURES

IF, AFTER FULL DEPTH REMOVAL OF THE EXISTING PAVEMENT THE ENGINEER DETERMINES THAT THE SUBBASE OR SUBGRADE HAS FAILED OR IS PUMPING, HE SHALL DIRECT THE CONTRACTOR TO EXCAVATE THE UNSUITABLE MATERIAL AND REPLACE IT WITH ITEM 310 - SUBBASE AS NECESSARY.

THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN CARRIED FORWARD TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 203 - EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION 40 C.Y.

ITEM 310 - SUBBASE, TYPE I, GRADING A, AS PER PLAN 40 C.Y.

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER.

ITEM 304 - AGGREGATE BASE, AS PER PLAN

MATERIALS FURNISHED FOR THIS ITEM SHALL EXCLUDE SLAG EXCEPT GRANULATED SLAG OR CRUSHED AIR-COOLED BLAST FURNACE SLAG. (THE MAXIMUM TOTAL PERCENT PASSING THE NO. 200 SIEVE FOR 304 SHALL BE 8 PERCENT AS OPPOSED TO THE 13 PERCENT SHOWN IN 304.02)

ITEM 305 - CONCRETE BASE, AS PER PLAN

THE SECOND SENTENCE IN 305.01(A) SHALL READ "LOAD TRANSFER DEVICES ARE REQUIRED AT ALL TRANSVERSE CONTRACTION, CONSTRUCTION AND EXPANSION JOINTS. THE MAXIMUM JOINT SPACING SHALL BE 17'."

ITEM 310 - SUBBASE, TYPE 1, GRADING A, AS PER PLAN

MATERIALS FURNISHED FOR THIS ITEM SHALL EXCLUDE ALL SLAG EXCEPT GRANULATED SLAG OR CRUSHED AIR-COOLED BLAST FURNACE SLAG AND SHALL EXCLUDE SALVAGED PORTLAND CEMENT PAVEMENT.

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 AN AVERAGE APPLICATION OF .075 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.