

REVISED
10/8/84

GENERAL NOTES

F.H.D.A. REGION	STATE	PROJECT
5	OHIO	

10
86

LAKE COUNTY
LAK-20-17.14

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

THE CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT-OF-WAY FOR SALVAGE BY CITY FORCES.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 202 ITEM.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO, OR TO CROSS EITHER OVER OR UNDER AN EXISTING SEWER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED CONDUIT. PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEMS.

CONDUIT END TREATMENT

IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE RIP RAP, ROCK CHANNEL PROTECTION, SODDING, ETC.

PAVEMENT

CONTRACTION AND EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN EXPANSION AND CONTRACTION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. PROVISION OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES AND THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL, IN ALL CASES, BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWINGS AND THE SPECIFICATIONS.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY OF BUILDING PORTIONS OF THIS PROJECT UNDER TRAFFIC AND CONSTRUCTING THE FULL PAVEMENT WIDTH IN STAGES, EXTREME CARE SHALL BE TAKEN TO PREVENT THE CONSTRUCTION OF A BUTT JOINT ON CENTERLINE IN THE BASE COURSES. LONGITUDINAL JOINTS SHALL BE LAPPED AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-5.

WORK UNDER R.R. UNDERPASS

WORK AT THE EXISTING R.R. UNDERPASS BETWEEN STATIONS 27+65 AND 29+25 SHALL CONSIST OF THE FOLLOWING ITEMS:

1. REMOVE EXISTING CONCRETE MEDIAN,
2. REMOVE EXISTING WEARING COURSE FOR THE FULL LENGTH AND WIDTH OF THIS SECTION TO THE EXTENT TO ACHIEVE THE REQUIRED TRANSITION PROFILE BETWEEN THE NEW AND EXISTING PAVEMENT,
3. REMOVE EXPOSED BRICK PAVEMENT (IF ANY) AND REPLACE WITH ITEM 301 BITUMINOUS AGGREGATE BASE,
4. SALVAGE EXISTING BASE AND REMOVE EXISTING CURBS BY SAW-CUTTING AT PROPOSED CURB LINE,
5. REPLACE EXISTING CURB WITH ITEM 609 CURB, TYPE 6,
6. REPLACE SIDEWALK NEXT TO BRIDGE ABUTMENTS WITH 4" ITEM 608 CONCRETE,
7. APPLY ITEM 407 TACK COAT AND COVER AGGREGATE OVER EXPOSED BASE,
8. RESURFACE THE 32' WIDE PAVEMENT USING ITEM 403 ASPHALT CONCRETE LEVELING COURSE FOLLOWED BY A 1-3/4" LAYER OF ITEM 402 ASPHALT CONCRETE, AC-20 ON A UNIFORM TRANSITIONAL GRADE CONNECTING THE NEW CONCRETE APPROACH PAVEMENT TO THE EXISTING U.S.20 SECTION. CROSS SLOPE OF THE NEW PAVEMENT SHALL BE 2%. THE EXISTING MINIMUM VERTICAL CLEARANCES SHALL BE MAINTAINED OR IMPROVED UNDER THE STRUCTURE.

THE FOLLOWING QUANTITIES WILL BE CARRIED TO THE GENERAL SUMMARY FOR ABOVE OUTLINED WORK TO BE USED "AS DIRECTED BY THE ENGINEER" (SEE NOTE: CONTINGENCY QUANTITIES):

ITEM	DESCRIPTION	UNIT	QUANTITY
202	CONCRETE MEDIAN REMOVED	SY	47
202	CURB REMOVED	LIN.FT.	320
202	WEARING COURSE REMOVED	SY	570
202	BRICK PAVEMENT REMOVED, AS PER PLAN	SY	200
301	BITUMINOUS AGGREGATE BASE AC-20 OR RT-11 OR RT-12	CY	63
402	ASPHALT CONCRETE, AC-20	CY	28
403	ASPHALT CONCRETE, AC-20	CY	10
404	ASPHALT CONCRETE, AC-20	CY	20
407	TACK COAT	GAL	57
407	COVER AGGREGATE	TON	2
608	4" CONCRETE WALK	SF	630
609	CURB, TYPE 6	LF	320

TWO WAY TWO LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ACCORDING TO THE PROVISIONS OF SECTION 614(03)(C). THE ROAD SHALL STAY OPEN AT NIGHT (32' WIDTH).

ITEM 202 - BRICK PAVEMENT REMOVED, AS PER PLAN

BRICK PAVEMENT REMOVED SHALL CONSIST OF THE REMOVAL OF THE BRICK BASE AND ASPHALT WEARING SURFACE AND CUSHION COURSE AS APPLICABLE. PAVEMENT FOR THIS WORK IS INCLUDED UNDER ITEM 202 - BRICK PAVEMENT REMOVED, AS PER PLAN.

ITEM 407 - TACK COAT

THE TACK COAT AND COVER AGGREGATE OPERATION SHALL BE AS DETERMINED AT A PRE-CONSTRUCTION CONFERENCE AS PER 407.05. PLAN QUANTITIES INDECAT E AVERAGE APPLICATION RATE OF 0.10 GALLONS PER SQUARE YARD OF TACK COAT AND 7 POUND PER SQUARE YARD OF COVER AGGREGATE.

SCALE _____ DATE _____
MADE _____ DATE _____
TRCD _____ DATE 10-84
CED _____ DATE 1-85

WOODRUFF, INC.
CONSULTING ENGINEERS
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