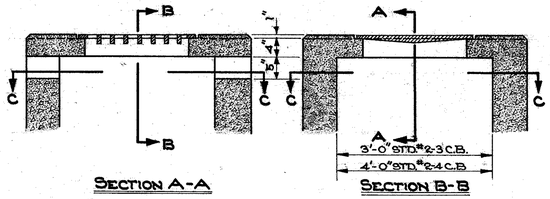
DRAINAGE DETAILS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

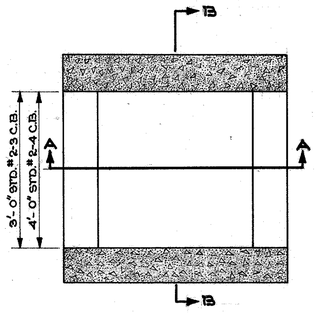
55/146

LAKE COUNTY
LAK. 91-(0.00)-(2.38)



SECTION A-A

SECTION B-B

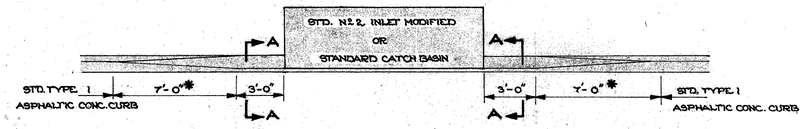


SECTION C-C

STANDARD Nº 2-3 & Nº 2-4 CATCH BASIN MODIFIED

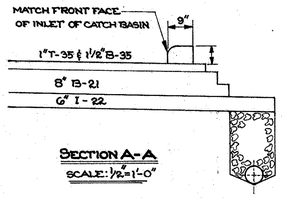
SCALE: 3/4" = 1'-0"

NOTE: MODIFICATION OF THE STD.# 2-3 & 2-4 C.B. CONCERNS PRIMARILY THE DESIGN OF THE SIDE INLETS. FOR NOTES, DIMENSIONS AND DETAILS NOT SHOWN STD. DRAWING I-8 C.B.# 2-3 & # 2-4 SHALL APPLY.



PLAN

SCALE: 1/2" = 1'-0"



SECTION A-A

SCALE: 1/2" = 1'-0"

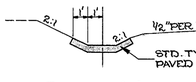
* WARP CURB IN 7'-0" FROM STD. TYPE 1 ASPHALTIC CONC. CURB AS SHOWN IN SECTION A-A COST OF WARPING CURB AT INLETS AND CATCH BASINS TO BE INCLUDED IN UNIT PRICE BID FOR ITEM 1-24 ASPHALTIC CONC. CURB

NOTE: THE MODIFICATION OF THE STD. Nº 2-6, 2-8, & 2-10 INLETS MODIFIED SHALL CONSIST OF THE FOLLOWING:

1) OMIT THE CURB FACE ON THE REAR SIDE OF THE INLET. IN LIEU THEREOF, THE REAR FACE AND THE END FACES SHALL BE MODIFIED AS DIRECTED BY THE ENGINEER TO MATCH ABUTTING CONSTRUCTION

2) OMIT THE DEPRESSED CONCRETE APRON IN FRONT OF THE INLET. IN LIEU THEREOF, PLACE ASPHALTIC CONCRETE PAVEMENT AS PER TYPICAL SECTIONS.

STD. Nº 2-6, 2-8, & 2-10 INLETS MODIFIED & CURB TRANSITION DETAIL

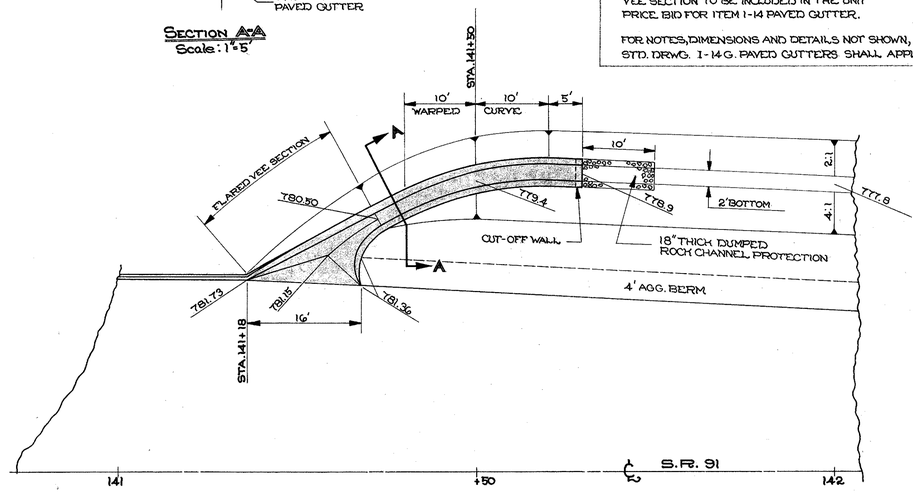


SECTION A-A

Scale: 1" = 5'

NOTE: COST OF CONSTRUCTION OF FLARED VEE SECTION TO BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 1-14 PAVED GUTTER.

FOR NOTES, DIMENSIONS AND DETAILS NOT SHOWN, STD. DRWG. I-14 G. PAVED GUTTERS SHALL APPLY.



DETAIL PAVED GUTTER AT END OF PROJECT

RIGHT SIDE SAME AS LEFT SIDE

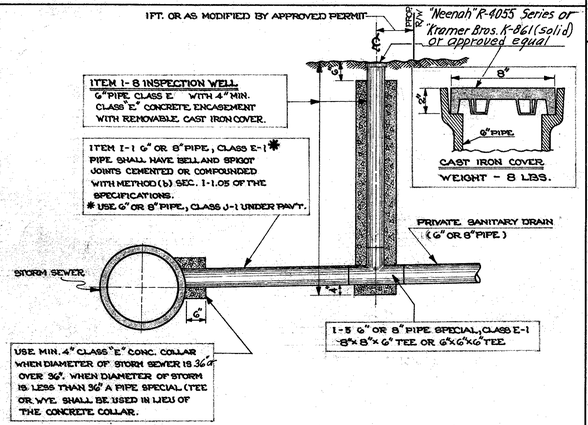
Scale: 1" = 10'

NOTE: ESTIMATED QUANTITIES LISTED BELOW ARE TO BE USED AT LOCATIONS AS DIRECTED BY THE ENGINEER TO DRAIN APPROVED PRIVATE SANITARY CONNECTIONS.

ESTIMATED QUANTITIES

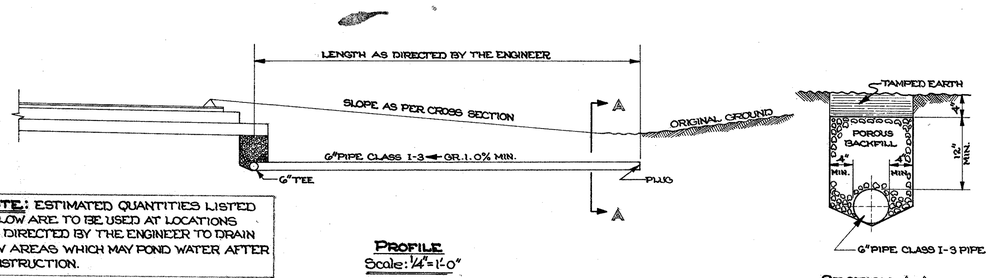
ITEM 1-1	6" PIPE CLASS E-1	100	LIN. FT.
ITEM 1-1	8" PIPE CLASS E-1	100	LIN. FT.
ITEM 1-1	6" PIPE CLASS J-1 (SEC. M-6.6(b) or M-6.8(b))	200	LIN. FT.
ITEM 1-1	8" PIPE CLASS J-1 (SEC. M-6.6(b) or M-6.8(b))	200	LIN. FT.
ITEM 1-5	6" PIPE SPECIALS, CLASS E-1	6	EACH
ITEM 1-5	8" PIPE SPECIALS, CLASS E-1	5	EACH
ITEM 1-8	INSPECTION WELLS	11	EACH
ITEM 1-5	12" PIPE SPECIAL, CLASS E-1	2	EACH
ITEM 1-5	21" PIPE SPECIAL, CLASS E-1	1	EACH
ITEM 1-5	24" PIPE SPECIAL, CLASS E-1	3	EACH
ITEM 1-5	18" PIPE SPECIAL, CLASS J-1	3	EACH
ITEM 1-5	21" PIPE SPECIAL, CLASS J-1	1	EACH
ITEM 1-5	24" PIPE SPECIAL, CLASS J-1	1	EACH

NOTE: FROM FIELD SURVEY INFORMATION IT APPEARS PRIVATE SANITARY CONNECTIONS, IF APPROVED, WILL BE REQUIRED FOR PARCELS 45, 50, 51, 52, 55, 59, 60, 65, 66, 67 & 70. ANY ADDITIONAL SANITARY LINES ENCOUNTERED SHALL BE CONNECTED, IF APPROVED, TO THE PROPOSED STORM SEWER.



INSPECTION WELL FOR PRIVATE SANITARY CONNECTION

SCALE: 1/2" = 1'-0"



NOTE: ESTIMATED QUANTITIES LISTED BELOW ARE TO BE USED AT LOCATIONS AS DIRECTED BY THE ENGINEER TO DRAIN LOW AREAS WHICH MAY POND WATER AFTER CONSTRUCTION.

PROFILE

Scale: 1/4" = 1'-0"

SECTION A-A

Scale: 1" = 1'-0"

DETAIL FOR SPECIAL UNDERDRAIN

ESTIMATED QUANTITIES

ITEM I-1 6" PIPE CLASS I-3 ..... AS PER PLAN ... 300 LIN. FT.

ITEM I-5 6" PIPE SPECIAL CLASS I-3 ..... 12 EACH