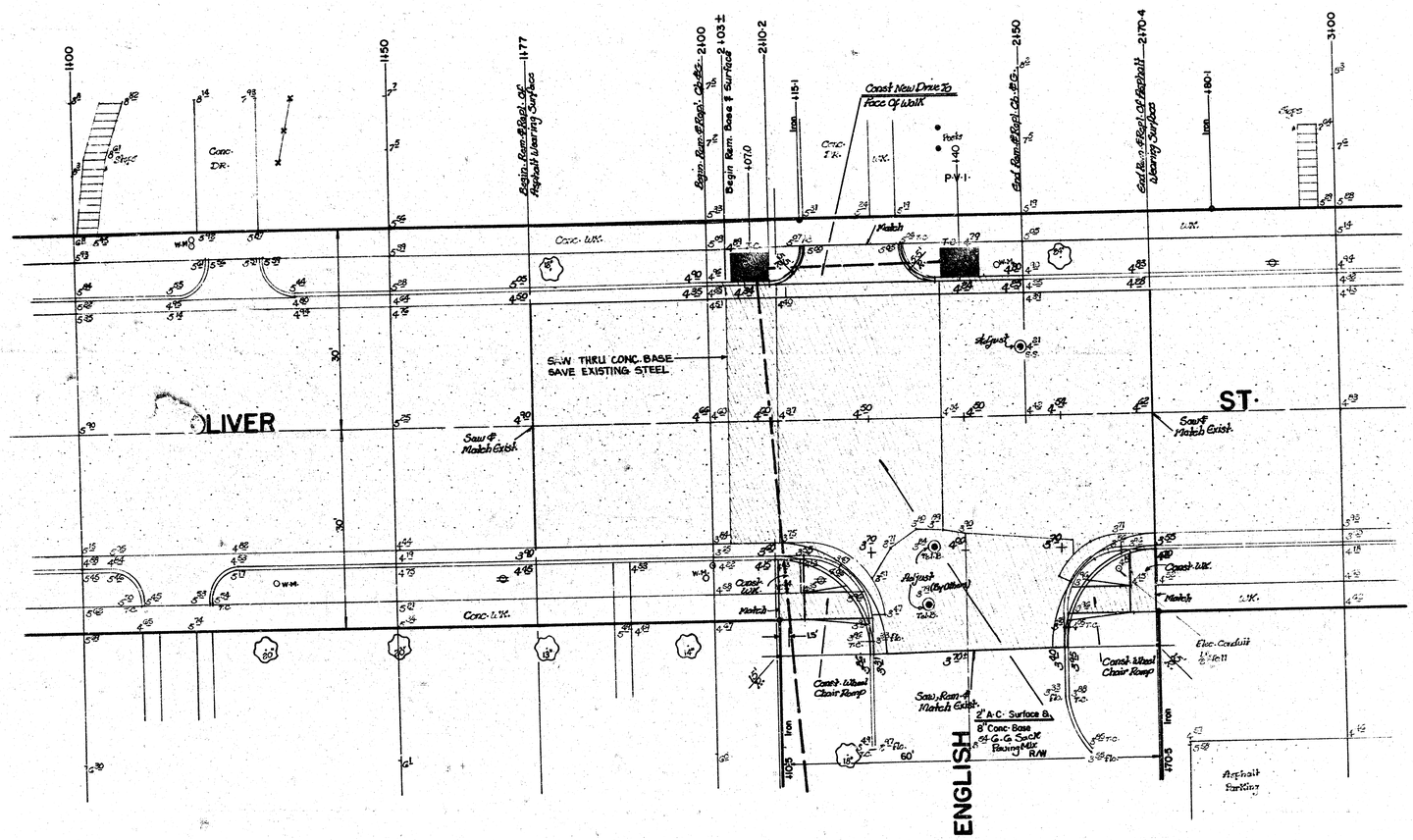
B·M·=168·52 Oliver & Douglas Brass Rod In Conc·Post, S·W·Cor· 3' W·
Of Back Wk· & 8' S·Of Cb·29·2' S· 33'·W·Of ℄ Douglas &·Oliver

B·M·=165·98 "□" On Conc·Wk· W·L· Oliver, S·L·Oakland To The E· Of Thimble

B·M·=166·53 "□" On Conc·WK·W·L· Oliver, N·L· English W·

B·M·=161·69 "□" Top Of Cb S·Side English E· & 137'E· Of E·L·Oliver To The N·Of P·P·



Scale: 1"= 10"

GENERAL NOTES

1) GUTTER MUST BE DEPRESSED IN FRONT OF INLETS AS DETAILED ON SHEET 3.

2) ASPHALT SURFACING TO BE BID BY THE TON. LEVELING COURSES SHALL BE REQUIRED SO THAT THE FINAL LIFT WILL BE A UNIFORM 2" IN THICKNESS. NO LEVELING COURSE SHALL EXCEED 4" IN DEPTH.

BASE TYPE ASPHALT (MIX TYPE BC-1) MAY BE USED FOR LEVELING COURSES. SURFACE TYPE ASPHALT (MIX TYPE SC-1) SHALL BE USED FOR THE 2" SURFACE LIFT. ALL COSTS ASSOCIATED WITH THE PLACING OF ASPHALT SHALL BE INCLUDED IN THE BID ITEM "TONS OF ASPHALT."

3) ALL CONSTRUCTION JOINTS IN CONCRETE WORK SHALL BE KEYED JOINTS WITH DOWELED STEEL. THIS WORK SHALL BE INCIDENTAL TO THE CONCRETE PAVEMENT.

4) THE CONTRACTOR SHALL BE REQUIRED TO PLACE CONCRETE AT TEMPERATURES OF 20° F. AND ABOVE ON THIS PROJECT. COLD WEATHER CONCRETING PROCEDURES SHALL BE REQUIRED. ALL COSTS ASSOCIATED WITH COLD WEATHER CONCRETING SHALL BE INCIDENTAL TO THE PROJECT.

5) CONTRACTOR SHALL USE BLANKETS, STRAW, OR OTHER PROCEDURES TO PREVENT THE SUBGRADE WITHIN OLIVER STREET FROM BECOMING FROZEN. IN THE EVENT THE SUBGRADE BECOMES FROZEN, THE ENGINEER SHALL DIRECT THE FROZEN SUBGRADE BE REPLACED WITH SUITABLE UNFROZEN MATERIAL. ALL COSTS ASSOCIATED WITH KEEPING THE SUBGRADE UNFROZEN SHALL BE INCIDENTAL TO THE PROJECT.

6) REINFORCING STEEL SHALL BE PLACED IN THE 9" CONCRETE BASE ON 2' CENTERS BOTH PARALLEL AND PERPENDICULAR TO THE CENTERLINE OF OLIVER. REINFORCEMENT SHALL BE NUMBER 4 DEFORMED BARS. COST OF STEEL SHALL BE INCLUDED IN THE COST OF THE 8" CONCRETE BASE.

7) NO SUBGRADE TREATMENT IS TO BE USED ON THIS PROJECT. THE CONTRACTOR WILL BE REQUIRED TO COMPACT DISTURBED SUBGRADE MATERIAL IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR COMPACTED FILL. ALL COSTS OF EARTHWORK, INCLUDING BORROW MATERIAL IF NECESSARY, SHALL BE INCIDENTAL TO THE PROJECT.

8) AB-3 BASE AGGREGATE SHALL CONFORM TO MATERIAL SPECIFIED IN THE STANDARD SPECIFICATION OF THE KANSAS DEPARTMENT OF TRANSPORTATION, SECTION 1104 (c) (3.3).

PROJECT DESCRIPTION

OLIVER & ENGLISH INTERSECTION

PROJECT NUMBER

472-76-245-81232-000-000-001

BOOK NO. BR-100	APPROVED BY	DATE
DRAWN BY		REVISED

CITY OF WICHITA
DEPARTMENT OF ENGINEERING

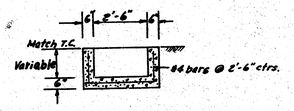
DIRECTOR OF ENG./CITY ENGINEER
R. W. BRUGGEMAN

SCALE
1" = 10'

B.M. 168.52 BRASS ROD IN CONCRETE POST, SW COR. 3' W OF BACK OF WALK & 8' S OF CURB 29.2' S & 33' W OF ℄ DOUGLAS & OLIVER

B.M. 161.69 "D" TOP OF CB, S SIDE ENGLISH & 137' E OF E.L. OLIVER, TO THE N OF PP.

COVERED CONCRETE FLUME
1" = 4' 0"

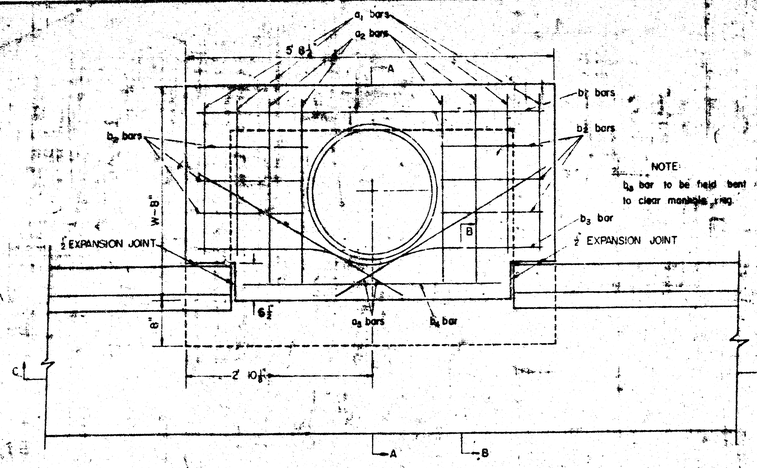


SECTION
1" = 3'0"

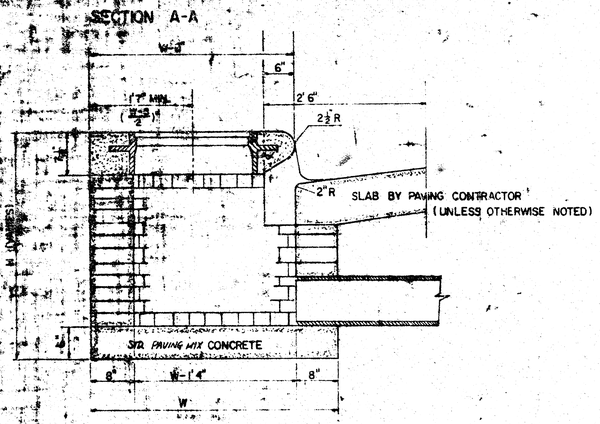
PROJECT DESCRIPTION
OLIVER AT ENGLISH INTERSECTION

PROJECT NUMBER
472-76-245-81232-000-000-001

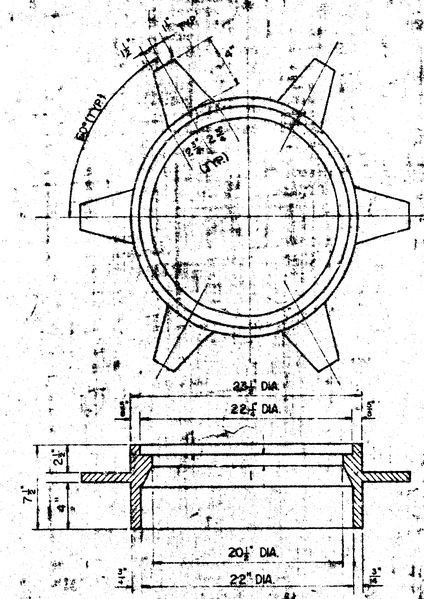
2/2



PLAN
SCALE 1"=1'0"

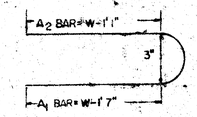


SECTION A-A
SCALE: 1"=1'0"



MANHOLE RING

SEE SEWER APPURTENANCES DETAIL SHEET FOR MANHOLE COVER



REINF. STEEL TO BE PLACED ON 6" CTRS.

BAR	a_1	a_2	a_3	b_1 W=5'0"	b_1 W=4'0"	b_1 W=5'0"	b_2	b_3	b_4	WT. Lbs.
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#6	
NUMBER	4	4	2	1	3	5	6	1	1	
LENGTH W=4'2"	5'5"	6'5"	3'7"	5'5"	–	–	1'7"	5'6"	4'0"	60
LENGTH W=5'0"	7'1"	8'1"	4'7"	–	5'5"	–	1'7"	5'6"	4'0"	77
LENGTH W=6'0"	9'1"	10'1"	5'7"	–	–	5'5"	1'7"	5'6"	4'0"	97

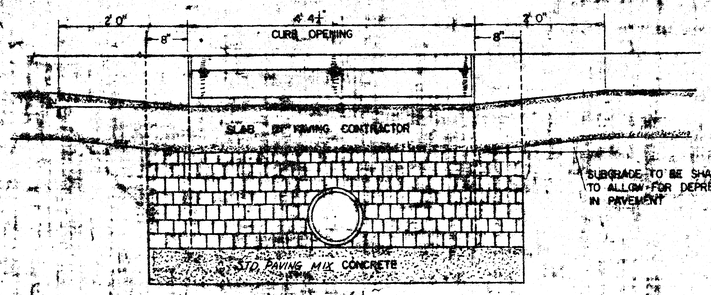
NOTE: a_3 BARS TO BE PLACED APPROXIMATELY 2" BELOW TOP OF INLET COVER

SHAPE CURB AND/OR GUTTER AT INLET OPENING WITH SMOOTH CURVES

STD. CURB INLET CONCRETE TOP			
W	SIZE	PIPE SIZE	CU YD. CONC.
4'2"	36"x6'8"x7½"	24" & SMALLER	0.46*
5'0"	44"x5'8"x7½"	30" & 36"	0.57*
6'0"	56"x5'8"x7½"	42" & 48"	0.71*

*GROSS VOLUME

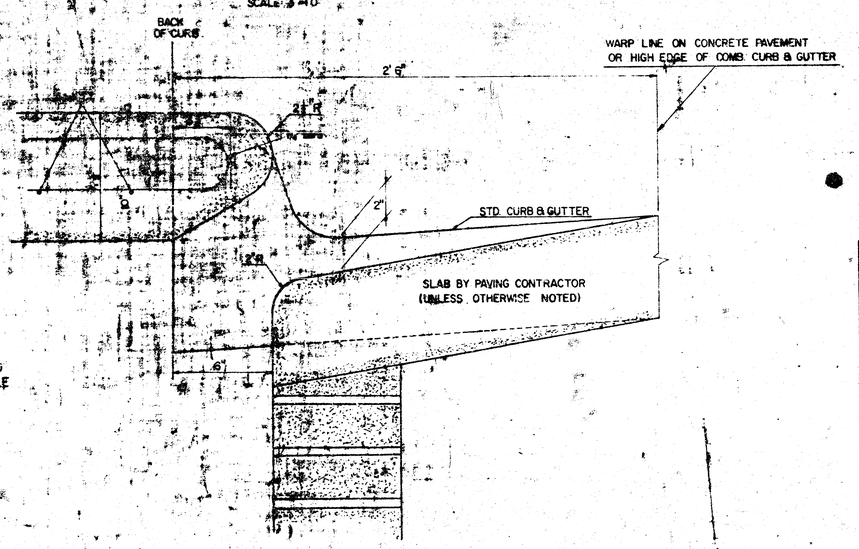
CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST CONCRETE FOR INLET TOPS AND FLOORS SHALL BE STANDARD PAVING MIX.



SECTION C-C
SCALE 1"=1'0"

SUBGRADE TO BE SHAPED TO ALLOW FOR DEPRESSION IN PAVEMENT

SECTION B-B
SCALE 1"=1'0"



BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C32 FOR MANHOLE BRICK GRADE MS.

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH CONCRETE BASE AND/OR WHEN PAVEMENTS HAVE FULL WEIGHT STANDARD CURBS.

DETAIL
STANDARD CURB INLET-TYPE I
CITY OF WICHITA, KANSAS

FEBRUARY, 1975

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