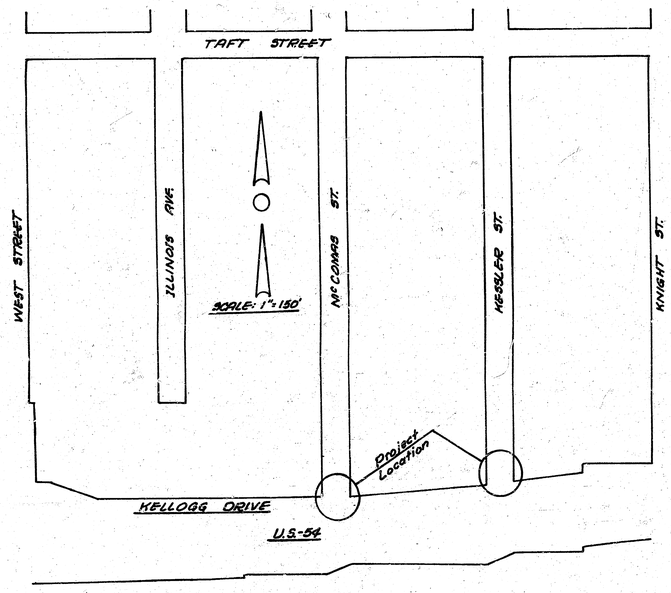
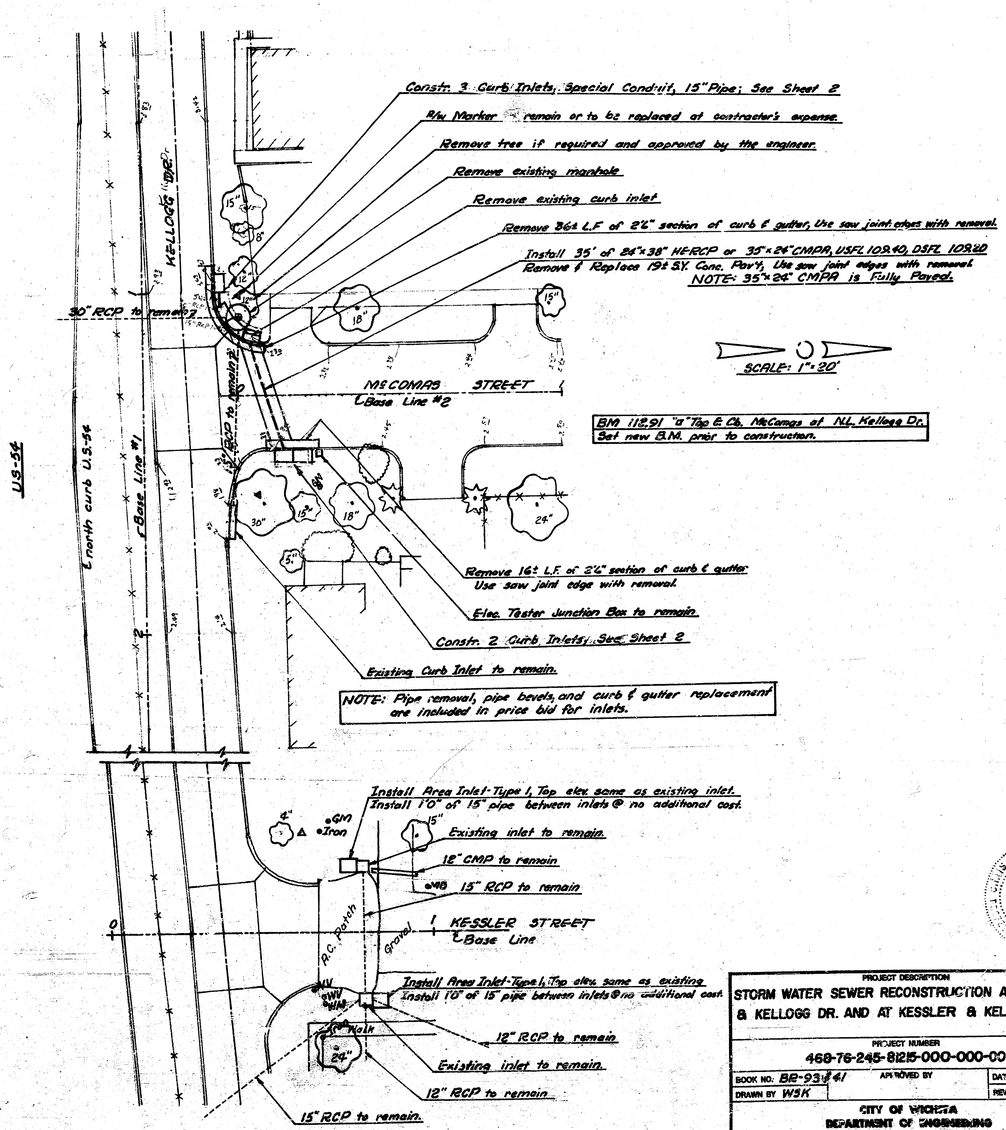




PROJECT DESCRIPTION
STORM WATER SEWER RECONSTRUCTION AT McCOMAS & KELLOGG DR. AND AT KESSLER & KELLOGG DR.

PROJECT NUMBER
468-76-245-8125-000-000-001

BOOK NO. BR-93 #41	APPROVED BY	DATE 6-28-82
DRAWN BY WSK		REVISED

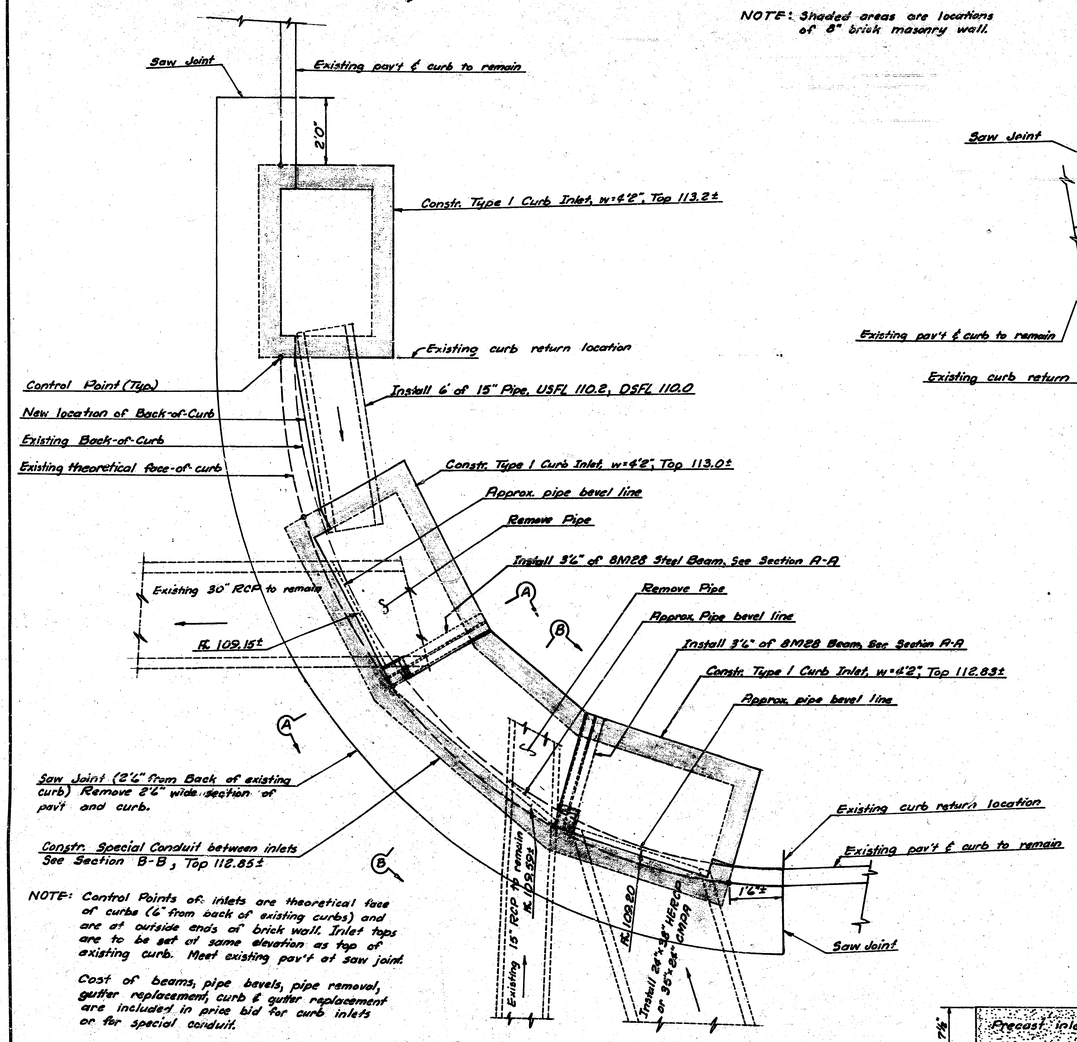
CITY OF WICHITA
DEPARTMENT OF ENGINEERING

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

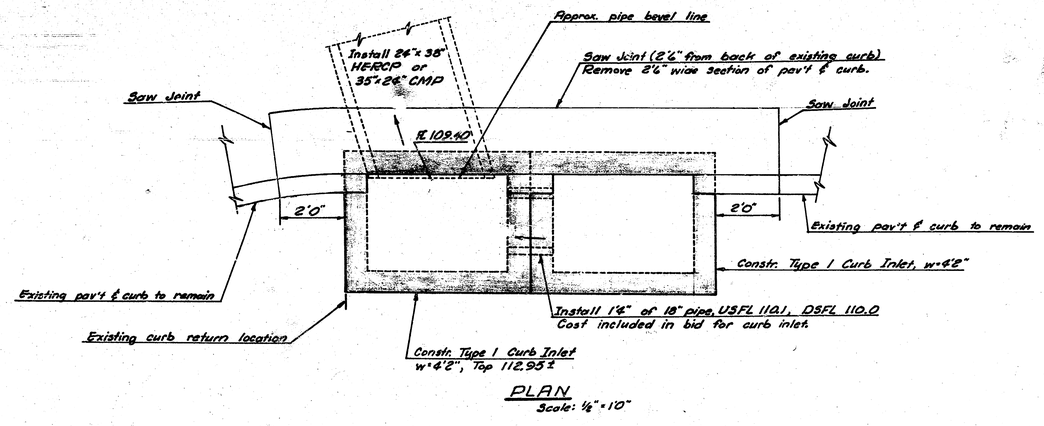
Sheet 1/4 4

FILMED FROM THE BEST

NOTE: Shaded areas are locations of 8" brick masonry wall.



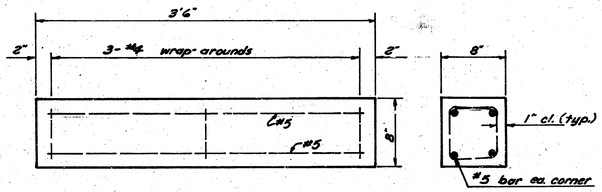
PLAN
Scale: 1/8"=1'0"



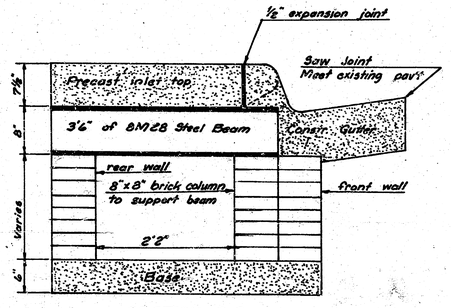
PLAN
Scale: 1/8"=1'0"

NOTE: Control Points of inlets are theoretical face of curbs (6" from back of existing curbs) and are at outside ends of brick wall. Inlet tops are to be set at same elevation as top of existing curb. Meet existing pav't at saw joint.

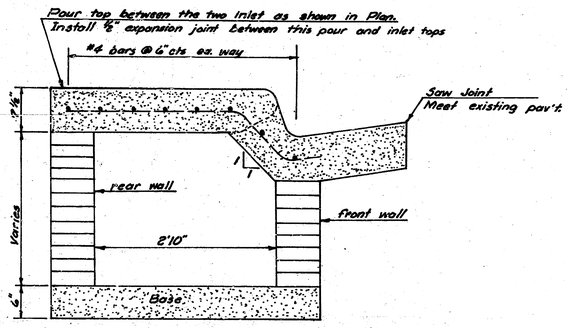
Cost of beams, pipe bevels, pipe removal, gutter replacement, curb & gutter replacement are included in price bid for curb inlets or for special conduit.



ALTERNATE CONC. BEAM FOR 8M28 STEEL BEAM
Scale: 1½"=1'0"



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



SECTION B-B, SPECIAL CONDUIT
Scale: 1"=1'0"

PROJECT DESCRIPTION
STORM WATER SEWER RECONSTRUCTION AT McCOMAS & KELLOGG DR. AND AT KESSLER & KELLOGG DR.

PROJECT NUMBER
468-76-245-8125-000-000-001

2/4

Sheet 2 of 4

FILMED FROM THE BEST AVAILABLE COPY ....

STANDARD CURB INLET-TYPE I DETAIL

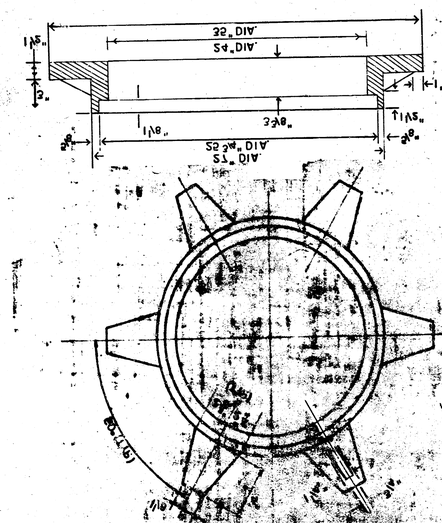
CITY OF WICHITA, KANSAS

FEBRUARY, 1972

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH CONCRETE GUTTER, CURB AND GUTTER WHEN PAVEMENTS HAVE LITTLE HEIGHT, STANDARD CURB INLET MAY BE USED.

SEE SEWER MAINTENANCE DETAIL SHEET FOR MANHOLE COVER

MANHOLE RING


32" DIA.
24" DIA.
23" DIA.
25 1/2" DIA.
1 1/2"
1 1/8"
3 1/16"
2"
1"
1 1/2"
2"
1 1/2"
2"
1"
1 1/2"
2"
1"
1 1/2"
2"
1

BE USED.

GRATES AND FRAMES SHOWN ARE FOR MEDIAN NO. M-3412-A. HOWEVER OTHER APPROVED MAKES MAY THE GRATES AND FRAMES SHOWN ARE DESIGNED TO SUPPORT A WHEEL LOAD OF 12 K 2.1.1. THE MANUFACTURER'S RECOMMENDATIONS.

APPROVED ANCHORAGE. THE GRATE AND FRAME SHALL BE INSTALLED IN ACCORDANCE WITH THE GRATES AND FRAMES SHALL CONFORM TO THE DIMENSIONS AND WEIGHT SHOWN. EXCEPT FOR MINOR

CAST IRON GRATES AND FRAMES

BEVEL ALL EXPOSED CONCRETE EDGES WITH A 3/4" TRIANGULAR BEVEL.

CREVE (MISCELLANEOUS)

AT THE CONTRACTOR'S OPTION. HOWEVER PAVEMENT SHALL BE MADE FOR CURB AND GUTTER AREA INLETS SHALL BE CONSTRUCTED OF EITHER CLASS A CONCRETE OR CLASS A CONCRETE (A.E.)

CONCRETE

GENERAL NOTE

ALL CASTINGS SHALL BE GRAY IRON AND SHALL COMPLY WITH ASTM A-48 CLASS 325

REINFORCING STEEL

ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO THE CENTER OF BARS UNLESS OTHERWISE NOTED ON THE PLANS.

REINFORCING BARS SHALL BE 1 1/2" CLEAR DISTANCE FROM SLAB SURFACES UNLESS OTHERWISE SHOWN ON THE PLANS

ALL REINFORCING STEEL SHALL BE PLACED WITHIN 1/4" OF PLAN DIMENSIONS UNLESS WAIVED BY THE ENGINEER.

REINFORCING STEEL SHALL BE BENT AROUND ALL PIPES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

22 Dorothy Storm Sewer

OPENING

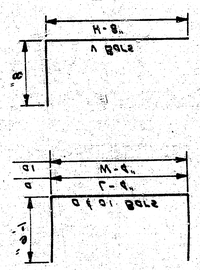
NO DEDUCTION IN CONCRETE QUANTITIES SHALL BE MADE FOR PIPE QUANTITIES SHALL BE COMPUTED FOR THIS WORK.

"TYPICAL FLOOR SHAPING FOR INLETS AND JUNCTIONS" NO CONCRETE INLET FLOORS SHALL BE SHAPED AS SHOWN ON THE PLAN SHEET ENTITLED

MISCELLANEOUS

All dimensions are only to nt.

BENDING DIAGRAMS



STATE HIGHWAY COMMISSION OF KANSAS

NO.	DATE	REVISIONS	BY	APP'D
1				
2				
3				

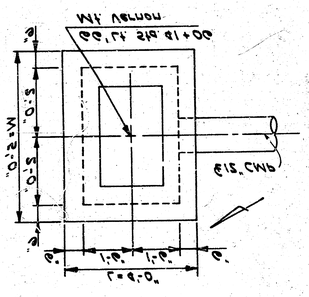
AREA INLET - TYPE I

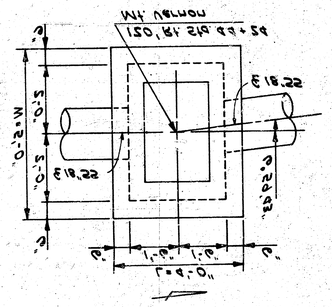
WILSON & COMPANY
ENGINEERS & ARCHITECTS
SALINA, KANSAS

DESIGNED M.L.B. | DRAWN M.L.V. | CHECKED C.M.Z.

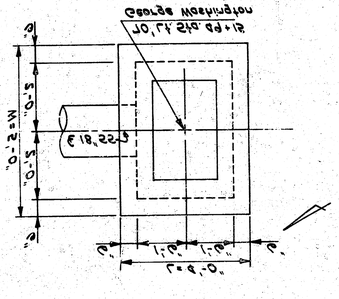
Sheet # of #

PLAN OF AREA INLETS TYPE I
STORM SEWER AT VERNON RD.
SCALE: 1/4" = 1'-0"



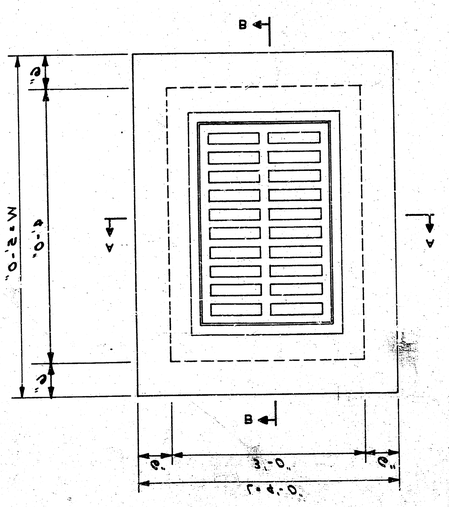


PLAN OF AREA INLET TYPE I
STORM SEWER SOUTH OF LINCOLN ST.
SCALE: 1/4" = 1'-0"

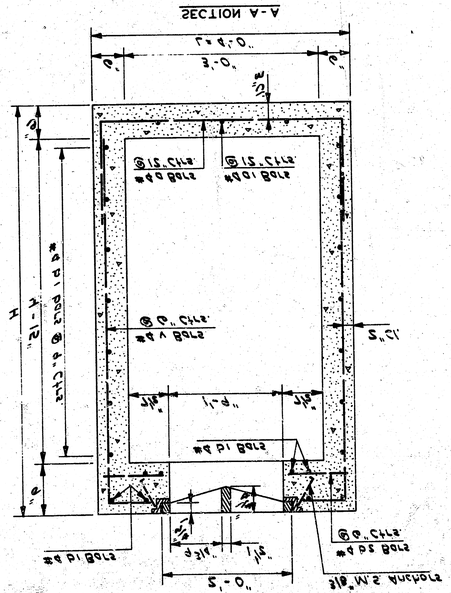


AREA INLET TYPE I
SCALE: 1" = 1'-0"

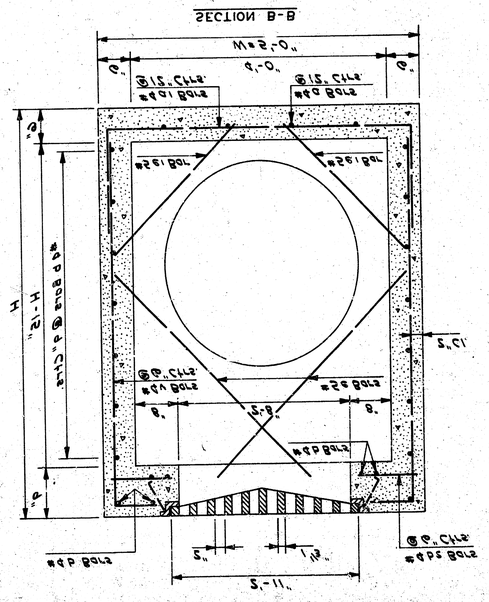
PLAN



SECTION A-A



SECTION B-B



REINFORCING STEEL				S25 LB.			CLASS III EXCAVATION			8 CU.YDS.
CLASS "A" CONCRETE				1.10 CU.YDS.			CAST IRON			400 LBS.
LENGTH	8'-8"	11'-8"	3'-8"	4'-8"	0'-10"	2'-0"	3'-0"	4'-8"		
SIZE	#4	#4	#4	#4	#4	#2	#2	#4		
NUMBER	4	3	18	18	36	5	5	36		
BAR	B	B1	D	D1	D2	G	G1	V		
DIMENSION	2'-0"	4'-0"	4'-8"							
LETTER	W	L	H	LOCATION: NO. 11 21A. 48+12 GEORGE WASHINGTON						

REINFORCING STEEL				S41 LB.			CLASS III EXCAVATION			7 CU.YDS.
CLASS "A" CONCRETE				1.88 CU.YDS.			CAST IRON			400 LBS.
LENGTH	8'-8"	11'-8"	3'-8"	4'-8"	0'-10"	4'-0"	3'-8"	4'-3"		
SIZE	#4	#4	#4	#4	#4	#2	#2	#4		
NUMBER	4	3	18	18	36	4	4	36		
BAR	B	B1	D	D1	D2	G	G1	V		
DIMENSION	2'-0"	4'-0"	4'-3"							
LETTER	W	L	H	LOCATION 150. ST. 21A. 44+54 MT. VERNON						

REINFORCING STEEL				S28 LB.			CLASS III EXCAVATION			8 CU.YDS.
CLASS "A" CONCRETE				1.81 CU.YDS.			CAST IRON			400 LBS.
LENGTH	8'-8"	11'-8"	3'-8"	4'-8"	0'-10"	4'-0"	3'-8"	2'-0"		
SIZE	#4	#4	#4	#4	#4	#2	#2	#4		
NUMBER	4	3	18	18	36	5	5	36		
BAR	B	B1	D	D1	D2	G	G1	V		
DIMENSION	2'-0"	4'-0"	2'-0"							
LETTER	W	L	H	LOCATION: 88. ST. 21A. 18+08 MT. VERNON						

LIST OF BARS AND DIMENSIONS

NO. REVISION ENTRY	STATE	PROJECT NO.	AREA	SHEET NO.	TOTAL SHEETS
	KANSAS	32M-81-1 (32)	1810	22	3422