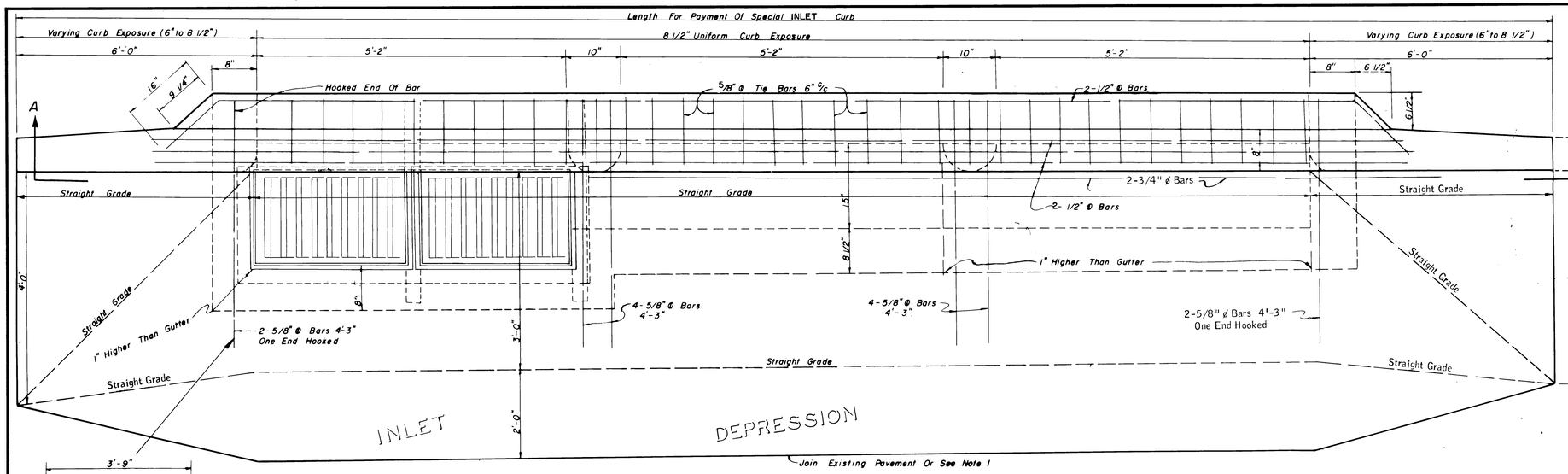
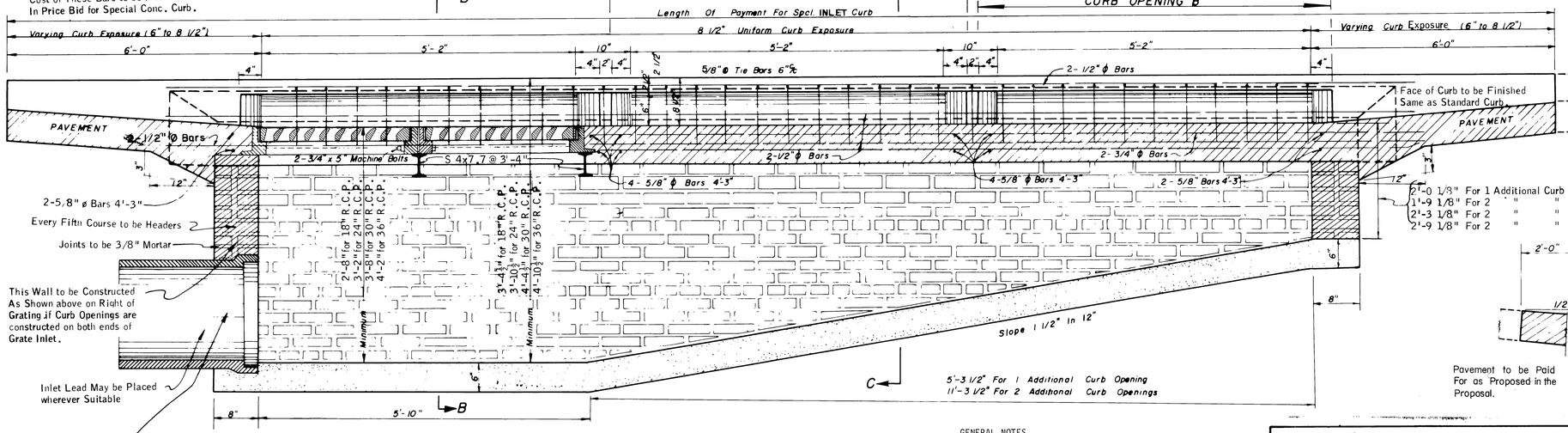
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS		
DESCRIPTION		DATE
Rev. Gen. Notes & Grate.	DLH	8-84



Note Walls Of Storm Sewer Inlets May Be Of Brick Masonry As Shown Or Of Poured Class "A" Concrete To The Same Dimensions.
Measurement Will Be By The Cubic Foot And Payment Will Be By The Unit Price Bid For INLET.

PLAN



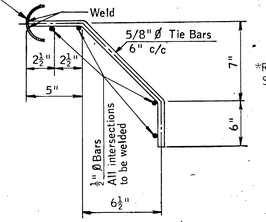
Size Of Inlet Lead Shall Be As Noted On Plans (For Inlet With 1 Additional Curb Opening Use 18" or 24" R.C. Pipe. For Inlet With 2 Additional Curb Openings Use 24", 30", or 36" R.C. Pipes.)

SECTION A-A

QUANTITIES (INCLUDING DOUBLE GRATINGS)							
		ONE CURB OPENING (A)		TWO CURB OPENINGS (A-B)		TWO CURB OPENINGS (A-A)	
		Minimum Height	Additional INLET Per Vt. Ft.	Minimum Height	Additional INLET Per Vt. Ft.	Minimum Height	Additional INLET Per Vt. Ft.
SIZE OF INLET LEAD		* 18" - 24"		* 24" - 30" - 36"		* 24" - 30" - 36"	
Class "A" Concrete	C.Y.	.71		1.00		1.00	
Special Inlet Curb	L.F.	23.17	19.66	29.17	27.56	29.17	27.56
Inlet	C.Ft.	36.97 *	C. Ft.	57.11 *	C. Ft.	63.07 *	C. Ft.
Inlet Frame and Grate	Each	2		2		2	

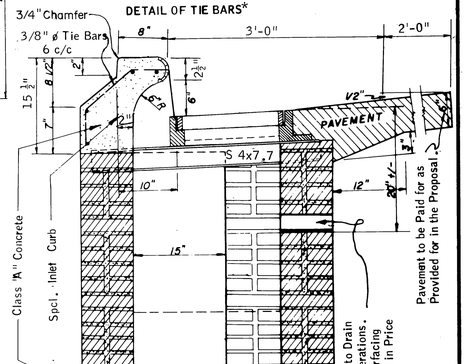
* Inlet Quantities as Shown are quantities for Minimum Height of smaller Inlet Lead as Noted Above.

2⅛" Dia. Std. Wt. Steel Pipe cut in half, continuous thru entire curb openings.



*Reinforcing to be Shop Fabricated.

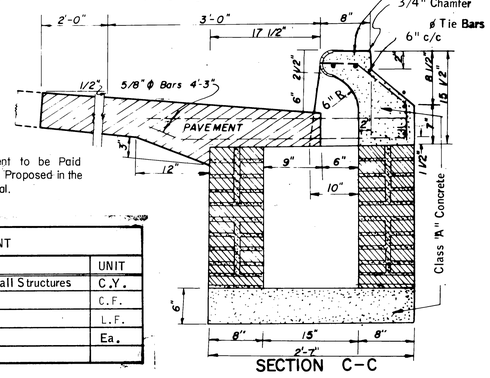
DETAIL OF TIE BARS*



SECTION B-B

Place 2½" x 9" Gal. Steel Pipe to Drain Subgrade during construction Operations. Plug with Inlet Mortar during surfacing Operations. Cost to be Included in Price Bid for other Items of work.

2'-0 1/8" For 1 Additional Curb Opening (Min. Height 18" RCP)
1'-9 1/8" For 2 " " " (Min. Height 24" RCP)
2'-3 1/8" For 2 " " " (Min. Height 30" RCP)
2'-9 1/8" For 2 " " " (Min. Height 36" RCP)



Pavement to be Paid for as Proposed in the Proposal.

SECTION C-C

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
509.06(B)	Class "A" Concrete for Small Structures	C.Y.
611.06(E)	Inlet	C.F.
611.06(F)	Special Inlet Curb	L.F.
611.06(G)	Inlet Frame and Grate	Ea.

GENERAL NOTES

All Construction and Materials requirements shall be in accordance with the current Standard Specifications.

The area designated Inlet Depression shall be constructed of and paid for as P. C. Concrete Pavement when built in or adjacent to driving lanes on a P. C. Concrete Pavement project.

The area designated Inlet Depression shall be constructed of the same type pavement and paid for as directed by the Engineer when the inlet is built in or adjacent to driving lanes on any type or combination of base course and surfacing. Class 'A' Concrete may be used in lieu of pavement or base course at the discretion of the Engineer.

Frames used with this inlet shall be as shown on Standard Drawing SSIF-1.

These inlets shall be designated on the Plans as Inlet No. 2A(A-B) Indicate Number and Location of add'l. curb openings.

Price bid shall include payment for Reinforcing Steel, Support Beams, and all incidentals necessary to complete the installation.

Unless otherwise specified, all exposed concrete surfaces shall have a finish in accordance with the current standard specifications.

Special curb inlet sections and inlets of approved design may be constructed with precast concrete units.

APPROVED BY				
RURAL DES. ENGR.	URBAN DES. ENGR.	BRIDGE ENGINEER	CONST. ENGINEER	ASST. DIR. / DES.
R.B. Hanks	D.K. McCourry	Wilbur Lowe	Wilbur Clarman	Ray Boyd
DATE 8/14/84	DATE 8-14-84	DATE 8-15-84	DATE 8-14-84	DATE 8-14-84

Design			
Drawn			
Checked			
Approved			
Squad			

OKLA. DEPT. OF TRANSPORTATION
STANDARD STORM SEWER INLET
DESIGN NO. 2A (DOUBLE GRATE WITH ADDITIONAL CURB OPENINGS)

SSI-2-A-12

88

OLD 4/6/89