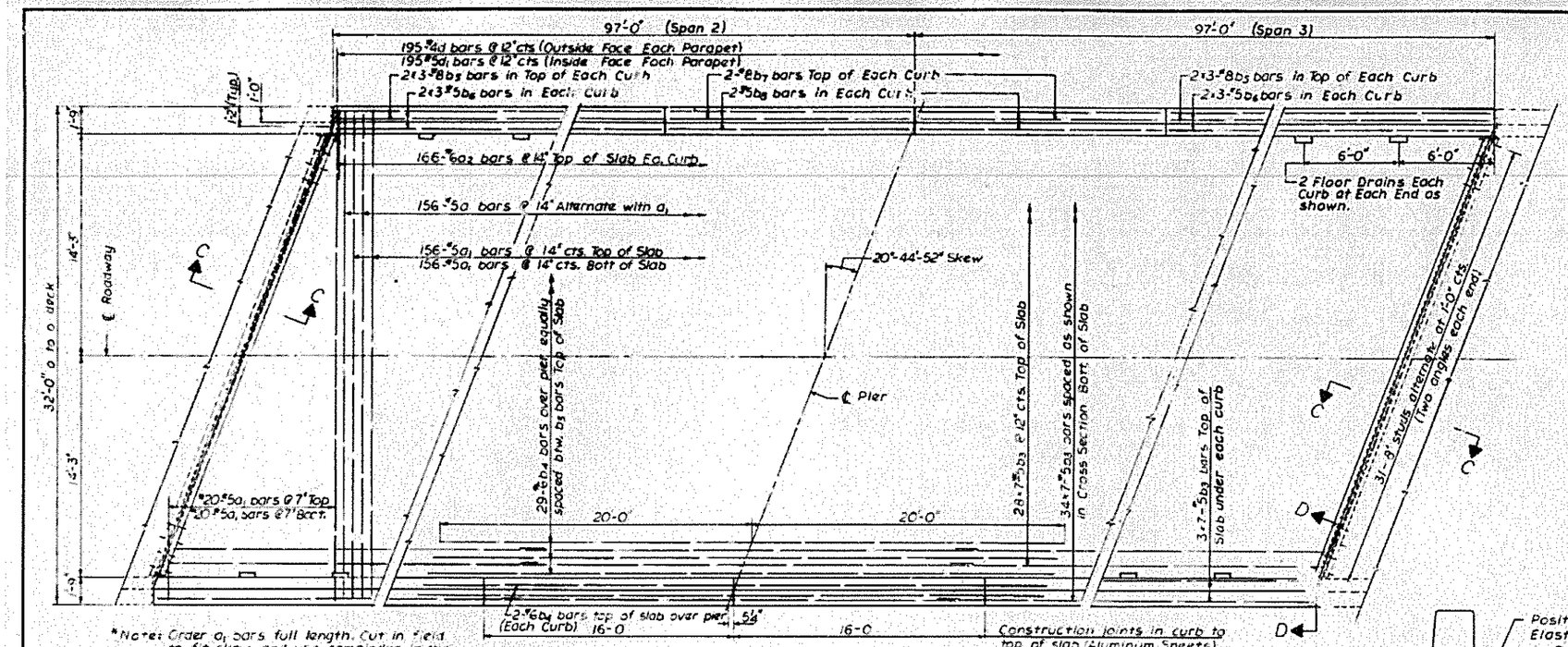
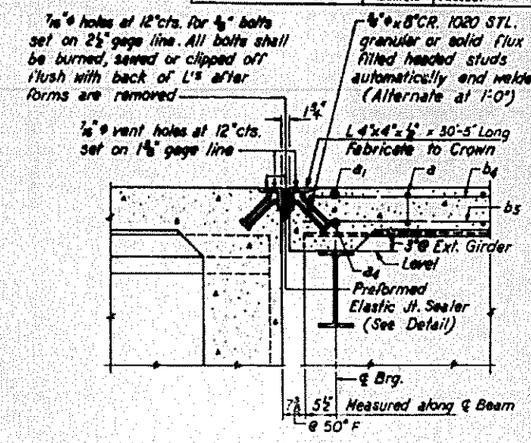
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—64	82.14(IHB)	ST. CLAIR CLINTON	37	10
FED. ROAD DIV. NO. 6	ILLINOIS	PROJECT		



*Note: Order a_1 bars full length. Cut in field to fit skew and use remainder in the opposite end.

PLAN



SECTION C-C

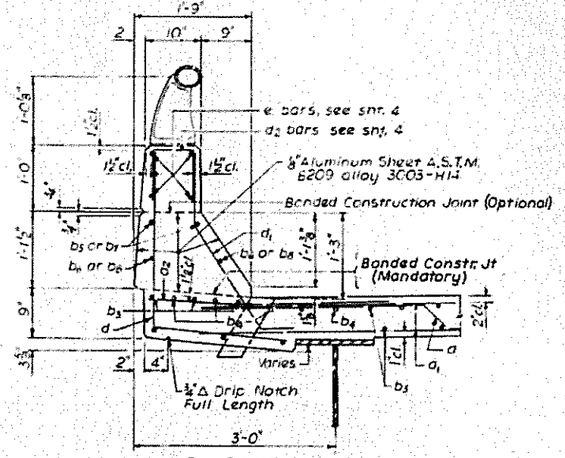
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	156	#5	31'-0"	
a_1	352	#5	30'-0"	
a_2	332	#6	4'-0"	
b_3	476	#5	28'-8"	
b_4	33	#6	40'-0"	
b_5	24	#8	28'-3"	
b_6	24	#5	27'-9"	
b_7	8	#8	15'-9"	
b_8	8	#5	15'-9"	
d	390	#4	4'-7"	L
d_1	390	#5	3'-5"	L
Reinforcement Bars			Lbs.	39,840
Structural Steel *			L. S.	0.38
Class X Concrete			Cu. Yds.	166.6
Preformed Joint Sealer			Lin. Ft.	67
Protective Coat			Sq. Yds.	790

*Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel. Est. Wt. = 5,300 Lbs.

The quantities of reinforcement and Class X Concrete in parapets are billed separately on sheet No. 4 and are not included above.
For Bar bending diagrams see Sheet No. 2

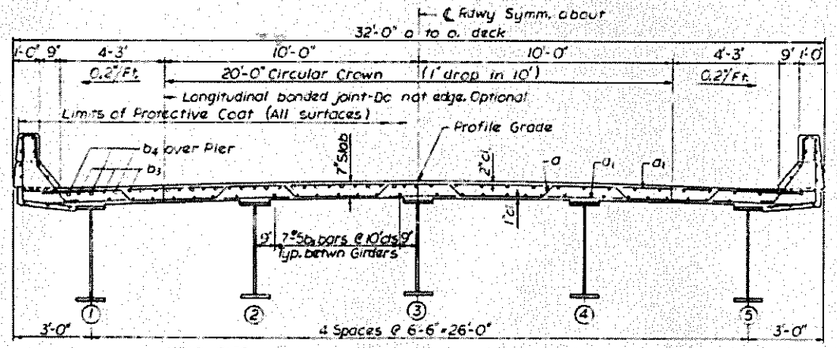
Est. Weight of structural steel = 187,790 Lbs.



CURB SECTION

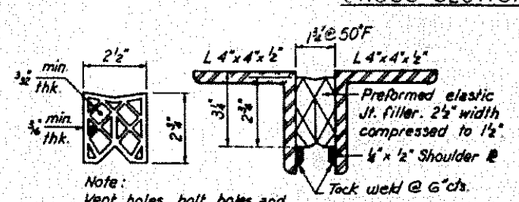
Cost of Aluminum Sheet shall be incidental to Class X Concrete

DESIGNED BY V.B.
DRAWN BY V.B.
CHECKED BY S.F.



NEAR PIER — NEAR MIDSPAN

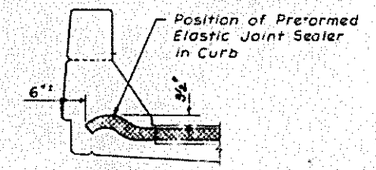
CROSS SECTION



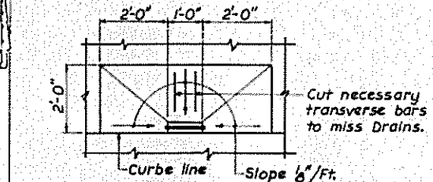
Note:
Vent holes, bolt holes and anchor studs not shown.

DETAIL OF PREFORMED ELASTIC JOINT SEALER

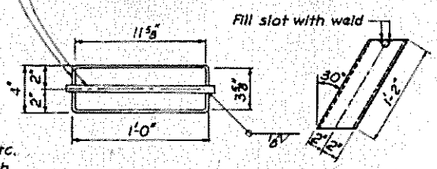
NOTES: Bars indicated thus 28-#7b5 etc. indicates 28 lines of bars with 7 lengths per line.
Min. bar lap = 24 dia.
All edges shall have ¾" chamfer.
All clearances shall be 1½" unless shown otherwise.



SECTION D-D



4"x12" Floor Drains to be fabricated from ⅜" aluminum sheets welded A.S.T.M. B209 Alloy 6061-T6
¾"x1'-1" Aluminum bar A.S.T.M. B211 Alloy 6061-T6



TOP VIEW — END VIEW

FLOOR DRAIN DETAIL

(Cost Incidental to Class "X" Concrete)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SUPERSTRUCTURE
SPANS 2 AND 3

C.H.10A OVER F.A.I. ROUTE 64

STATION 1458+82.34

F.A.I. RT. 64 ST. CLAIR & CLINTON CO. SECTION 82.14(IHB)

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 3 OF 16

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND CROSS SECTION
STRUCTURE NO. 014-0038

SCALE: ____ | SHEET NO. __ OF __ SHEETS | STA. ____ TO STA. ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82.14-(IHB)-P	CLINTON	29	6
		CONTRACT NO. 76663		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		