

Two component non-staining gray
sealing compound with polysulfide
liquid polymers - gun grade
with primer.

SHEET NO. 2
9 SHEETS

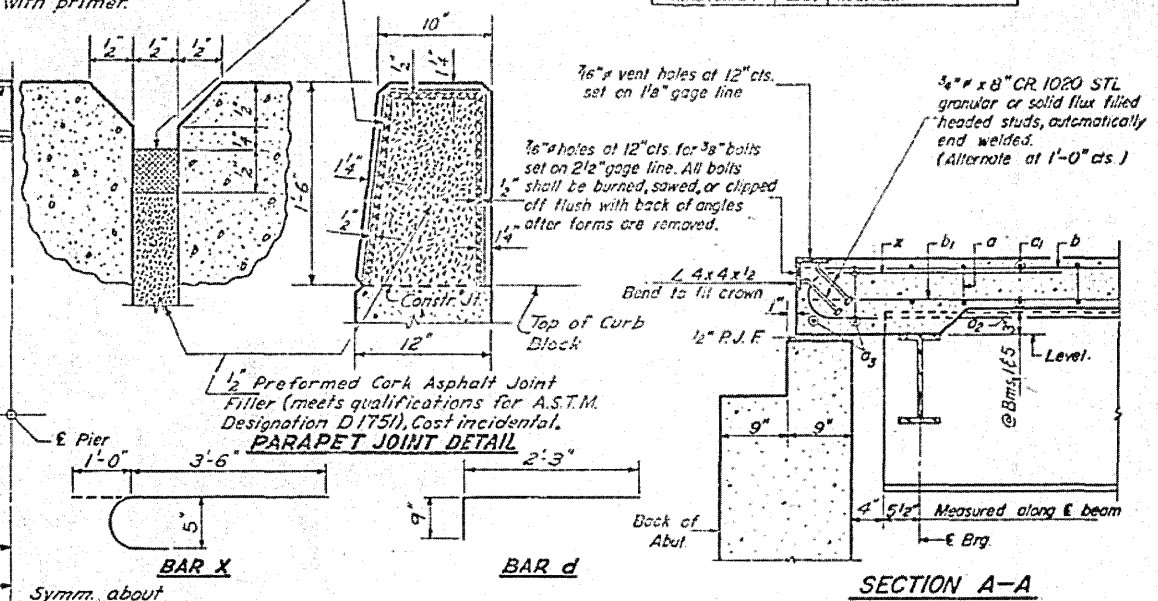


Diagram Description: This diagram shows the half elevation of a parapet wall. It is symmetrical about a central vertical axis. The wall has a total height of 2'0" and a base width of 16'0". The parapet is divided into three main sections: a left section with 2 parapet units, a central section with 2 parapet units, and a right section with 3 parapet units. The units are spaced at 16'0" intervals. The diagram also shows the top of the curb, the end of the curb, and the center of the structure. The parapet units are labeled with 'F_c' and 'F_s'.

Dimensions and Labels:

- BAR X**: Located at the top left.
- BAR d**: Located at the top center.
- SECTION A-A**: Located at the top right.
- Symm. about C Structure**: Located on the left side.
- 2 Parapet Units @ 16'0" = 33'4"**: Dimension for the left section.
- 2 Parapet Units @ 16'0" = 16'0"**: Dimension for the central section.
- 3 Parapet Units @ 16'7" = 49'9"**: Dimension for the right section.
- 1 Parapet Unit @ 9'6"**: Dimension for the rightmost unit.
- 2'0" typ**: Typical height of the parapet.
- End of Curb**: Located at the bottom left.
- Top of Curb**: Located at the bottom center.
- HALF ELEVATION OF PARAPET**: Main title of the diagram.
- Symm. About C Structure**: Located on the right side.

21B #5d bars @12 cts. Each Face
Plus 2 additional bars inside
face at each rail post. For post
spacing see Sheet 5

1'-0" 10" 2"

2'-0" 14" 1'-6" 1'-0" 3" chamfer

3/4" φ x 1'-1" Aluminum Bar

Bottom edge of 1/8" Aluminum Sheet
ASTM B209-61 alloy 3003-H14

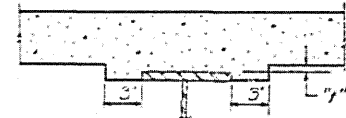
7" 1'-0" 1'-7 1/2"

1'-0" 2'-0" 3/4" chamfer 1/2" Δ Drip notch full length

4" #12 Drain of 3/4" welded
Sheets Conforming to
ASTM B209 alloy 3003-H14 1/4" min.
or ASTM B209 alloy
6061-T6

CURB DETAIL

BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
a	200	#5	30'-2"	
a ₁	201	#5	29'-0"	—
a ₂	201	#5	28'-6"	—
a ₃	6	#5	23'-6"	—
d	960	#5	3'-0"	
b	168	#5	28'-3"	—
b ₁	266	#5	32'-0"	—
b ₂	80	#6	16'-6"	—
b ₃	40	#6	21'-0"	—
b ₄	24	#4	33'-0"	—
b ₅	48	#4	25'-3"	—
b ₆	48	#4	7'-6"	—
b ₇	24	#4	9'-0"	—
x	64	#5	4'-6"	
s	276	#5	5'-3"	
c	80	#5	16'-3"	—
c ₁	32	#5	7'-6"	—
c ₂	16	#5	9'-0"	—
Reinforcement Bars			Lbs.	43,120
Structural Steel			Lbs.	135,600
Class X Concrete			Cu Yd.	200.5



30'-0" o to a deck
26'-0" Roadway

3'-0" 3'-0" 9'-0" 9'-0" 3'-0" 3'-0"

Longitudinal bonded construction joint - Do not edge

1 1/2" Crown

Symm. about E. Rdwy.

b_6 or b_7 b_2 or b_3 b_2 or b_5

5'-3" 8 x 7 - #5 br bars at 9'-6" cts. Typical spacing

4 spaces at 6'-6" cts. = 26'-0"

2'-0" 2'-0"

NEAR MIDSPAN

Symm. about C Rdy.

1'3½" 3'5" 2'7" 3'5" 2'10½"

29'2"

BAR 5

Diagram of a continuous beam over two supports. The left span is 40'-0" long with four 10'-2" spaces. The right span is 67'-3" long with four 16'-9 3/4" spaces. The beam is labeled "Brg. Abut." and "Brg. Pier". It is supported by "Bms. 2, 3, & 4" on the left and "Bms. 1 & 5" on the right. A note indicates it is "Symm. about C Structure". The diagram shows various dimensions for the spans and spaces, and a note "F.A." is at the bottom right.

(Includes weight of concrete only)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheet 3.

F.A.I. RT. 57 SEC. 15, 21-25HB-1
COLES-DOUGLAS COUNTY
STA. 1386+91

LOCATION 3: 015-0063

APRIL 5 1963

EXAMINED *H. B. Brown*

PASSED *E. H. Hunt*

APPROVED *V. E. Clark*

Revised 4/10/46 D.L.C. From 6' to 7" slab and from 16" to 2" Cl.
Closes X conc. from 196.2 to 206.3 cu. yds.