

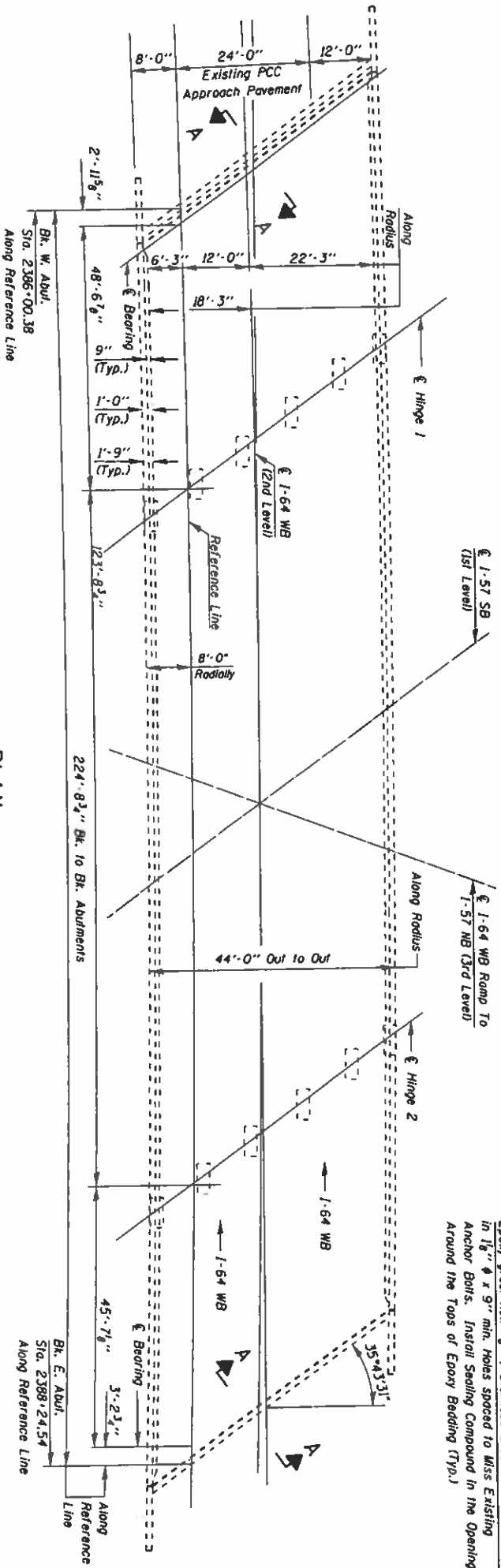
Continuous Seal Neoprene Extrusion Joint shall consist of molded anchor blocks of elastomer and steel, field assembled over continuous lengths of elastomeric membrane.

The elastomeric membrane shall be pre-molded with a single or a double upward convolution that will have a "memory" to return to its molded position upon joint closure.

The convolution length shall be such that the extended length will not be greater than the manufactured length when the joint is fully expanded in its design range and will not protrude above the anchor blocks when the joint is fully compressed.

Joint openings shall be adjusted according to Article 503.02 of the Standard Specifications when the joint is installed at an ambient temperature other than 50° F.

The parapet and roadway membrane shall be made continuous by an approved vulcanizing process. Lapping will not be permitted.



Technical drawing showing a cross-section of a roof edge detail. The drawing includes a side elevation and a cross-section.

Side Elevation:

- Steel reinforced elastomeric anchor block: 1/4" Min. steel plate
- Steel reinforced elastomeric membrane: 1/4" Min. Max. 1/4" typ.
- Roofing Surface: 1/4" typ.
- Steel: 1/4" typ.
- Req'd.

Cross Section:

- Steel: 1/4" Min.
- Steel reinforced elastomeric anchor block: 1/4" Min.
- Steel reinforced elastomeric membrane: 1/4" Min.
- Roofing Surface: 1/4" typ.
- Req'd.

Labels:

- CROSS SECTION
- Roofing Surface
- Steel
- Steel reinforced elastomeric anchor block
- Steel reinforced elastomeric membrane

Bk. W. Adj.
Sta. 2386+00.38
Along Reference line

Joint Size	1" at 50°F	1" at 50°F
2"	2"	1½" Min.

① *Install continuous seal in roadway, parapet, curb, and sidewalk*

- ② **Install anchor blocks as indicated.**

NOTE A: Maximum spacing of anchor bolts shall be 12" centers.

Exist. 9 1/8" Slab.

Exist. 2 3/8" Concrete Overlay

Exist. 2" Reinf. (TYP.)

Existing Opening = 2" @ 50°F.

Existing 2" Neoprene Expansion Joint To be Removed. Cost Included in Neoprene Expansion Joint 2".

Joint Size	T° at 50°F	T° at 50°F
2"	2"	1 1/2" Min.

ITEM	UNIT	QUANTITY
Neoprene Expansion Joint 2"	Feet	NZ
* Bridge Deck Concrete Crack Sealer	Foot	450

* To be used to seal cracks in the existing concrete overlay. Quantities are estimates. Actual quantity and location to be determined by the Engineer in the field. See Special Provision.

NEOPRENE JOINT DETAILS

FAI 64 WB OVER FAI 57 SB

FAI 64 WB OVER FAI 57 SB

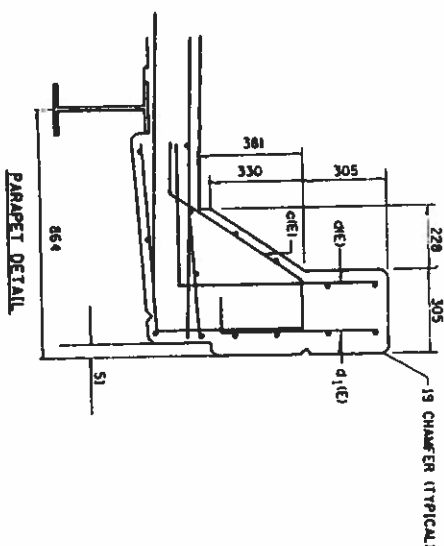
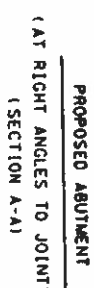
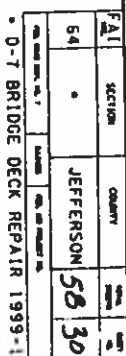
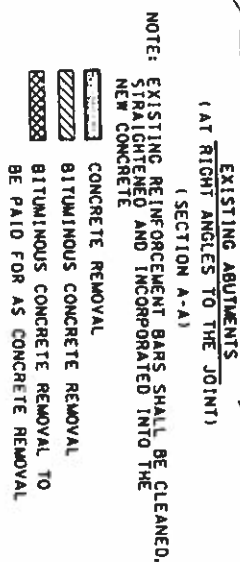
FAI 64 WB OVER FAI 57 SB

SECTION A-A (PROPOSED)

AT WALL

[illegible]

BILL OF MATERIALS - BOTH ABUTMENTS				
ITEM	UNIT	STAGE I	STAGE II	TOTAL
CONCRETE REMOVAL	CU YRD	5.9	6.6	12.5
NEOPRENE EXPANSION JOINT, 50MM	METER	15.0	17.6	32.6
CONCRETE SUPPORT STRUCTURE	CU YRD	5.7	6.8	12.5
REINFORCEMENT BARS (EPOXY COATED)	KG	320	380	700
BAR SPLICERS (EPOXY COATED)	EACH	22	-	22

[illegible]