

## General Notes

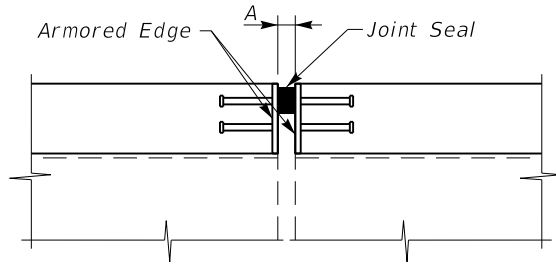
**SPECIFICATIONS:** All references to the Specifications are to the current edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All references to the AASHTO Specifications are to the current edition of the AASHTO LRFD Bridge Design Specifications.

**SHOP DRAWINGS:** Contrary to the Specifications, no shop plans are required.

**LOCATION:** Locate armored edges and/or expansion dams in accordance with detail plans.

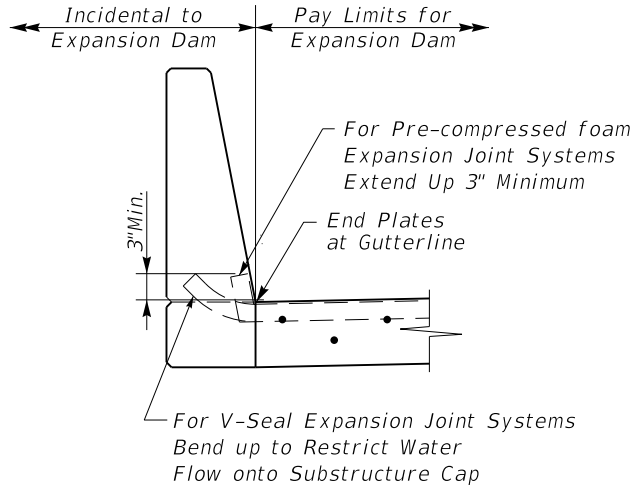
**BASIS OF PAYMENT:** Payment at the contract unit price bid for Expansion Joint (specified size) shall be full compensation for finishing and installing expansion joint as specified. Measurement shall be in lineal feet from gutter line to gutter line.

Note: For Details of Armored Edge  
See STD DWG BJE-001 (C.E.)



**SECTION THROUGH JOINT**

**EXPANSION JOINT 1"-3"**

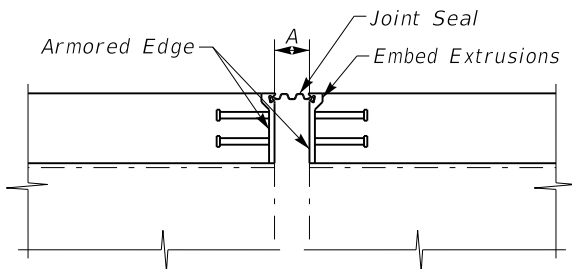


**SECTION THROUGH BARRIER**

Joint Data	The joint seal supplied must accommodate the required movement shown. Set Dimension A with temperature change increment and as required by the manufacturer to obtain the required movement.
Dim. A	
Maximum Opening	
1"	
1½"	
2"	
2½"	
3"	
4"	
5"	

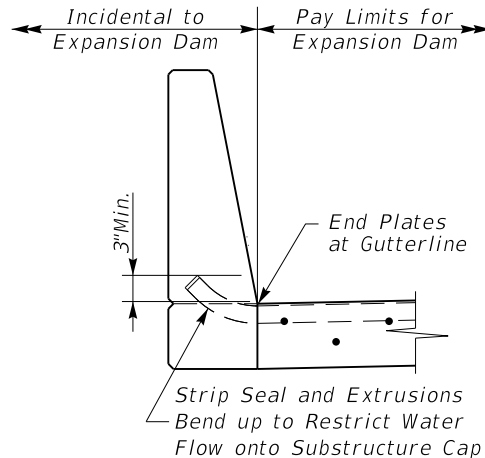
Temperature Change Increment per 10°F			
Concrete		Steel	
Expansion Length (ft)	Increment (in)	Expansion Length (ft)	Increment (in)
0 - 80	1/32	0 - 60	1/32
81 - 140	1/16	61 - 100	1/16
141 - 200	1/8	101 - 140	3/32
201 - 260	5/32	141 - 180	1/8
261 - 320	7/32	181 - 220	5/32
321 - 380	1/4	221 - 260	3/16
381 - 440	5/16	261 - 300	7/32
		301 - 340	1/4

Note: For Details of Armored Edge  
See STD DWG BJE-001 (C.E.)



**SECTION THROUGH JOINT**

**EXPANSION JOINT 4" & 5"**



**SECTION THROUGH BARRIER**

KENTUCKY  
DEPARTMENT OF HIGHWAYS

EXPANSION JOINTS

STANDARD DRAWING NO. BJE-002  
 SUBMITTED *Bob Adams* DIRECTOR DIVISION OF STRUCTURAL DESIGN 02-26-20  
 APPROVED \_\_\_\_\_ STATE PROFESSIONAL ENGINEER 02-26-20