

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0615-01	2017	51	183



STREET IMPROVEMENTS FOR  
**127TH STREET EAST**  
FROM 13TH STREET NORTH TO 21ST STREET NORTH

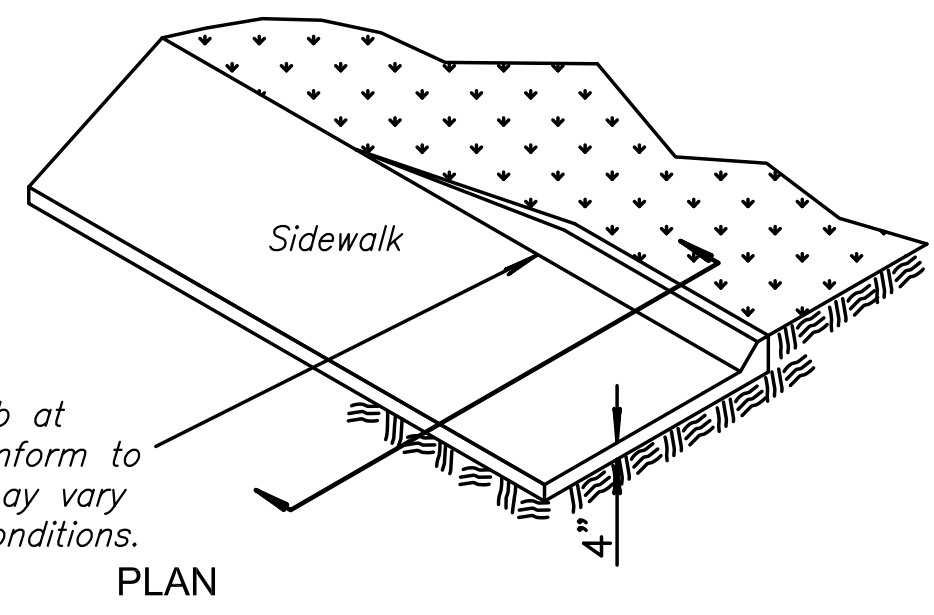
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**SIDEWALK DETAILS**

PROJECT NO.	472-85158	
DATE	11/29/17	
SCALE	NTS	
DESIGNED	DRAWN	CHECKED
JRA	LES	JRA
NO.	REVISION	DATE

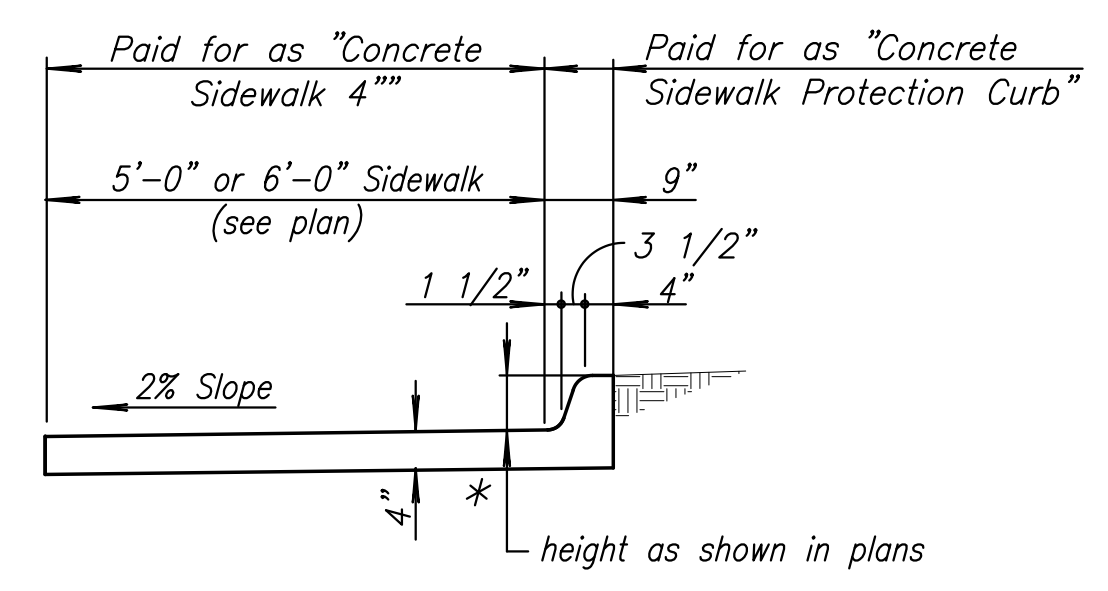
SHEET NO.  
51 OF 183

PLOTED: Wednesday, December 06, 2017 @ 01:40PM  
J:\PROJECTS\2017\140104290 - COM\_127TH E 13TH TO 21ST\05-CIVIL\CA\PAV14290E04.DWG

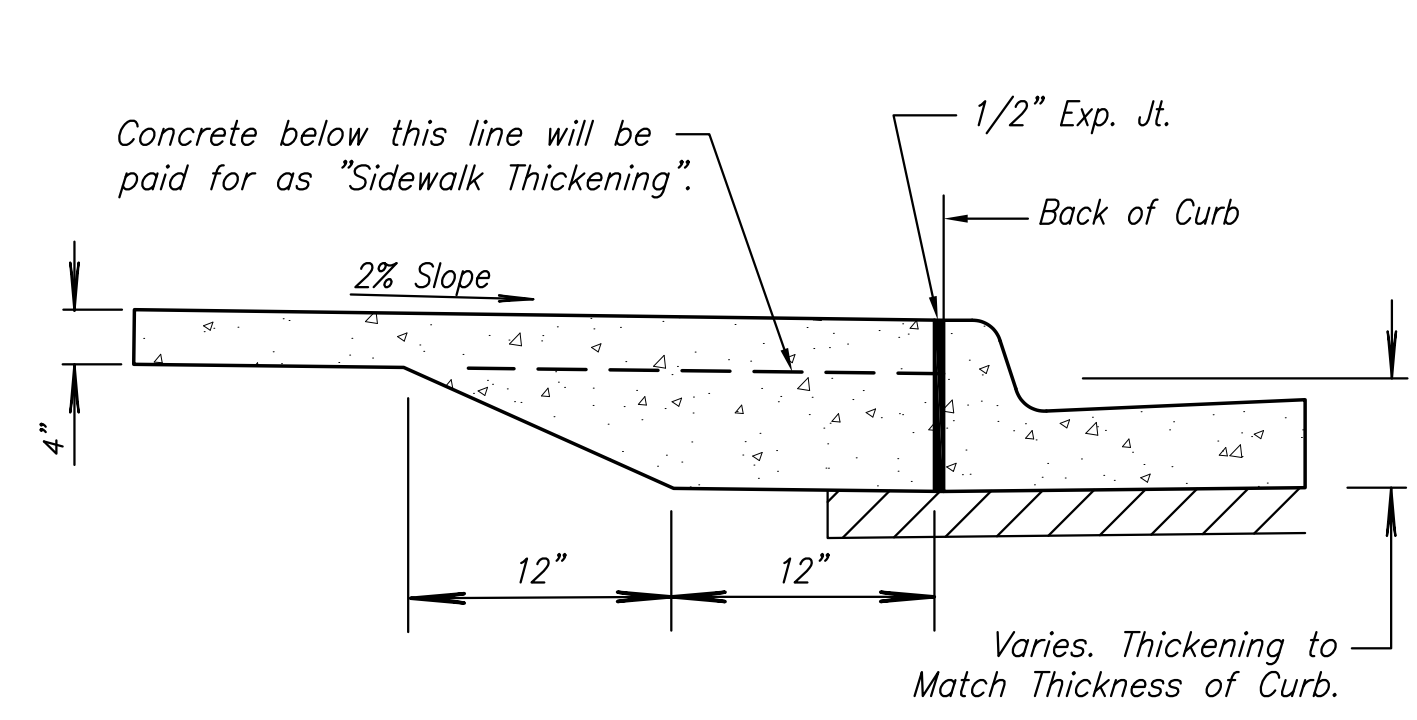


Transition Protection curb at ends as necessary to conform to ground slope. Distance may vary depending on adjacent conditions.

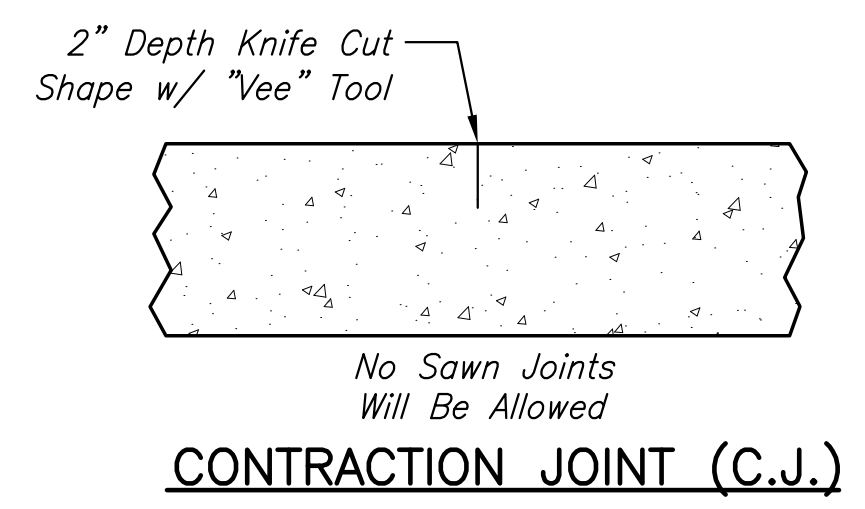
- Note:
1. Protection Curb shall be constructed at locations as directed by Engineer.
  2. Protection Curb shall be constructed monolithically with sidewalk.
  3. Protection Curb height will vary as shown on grading sheets. No distinction will be made between heights regarding payment.



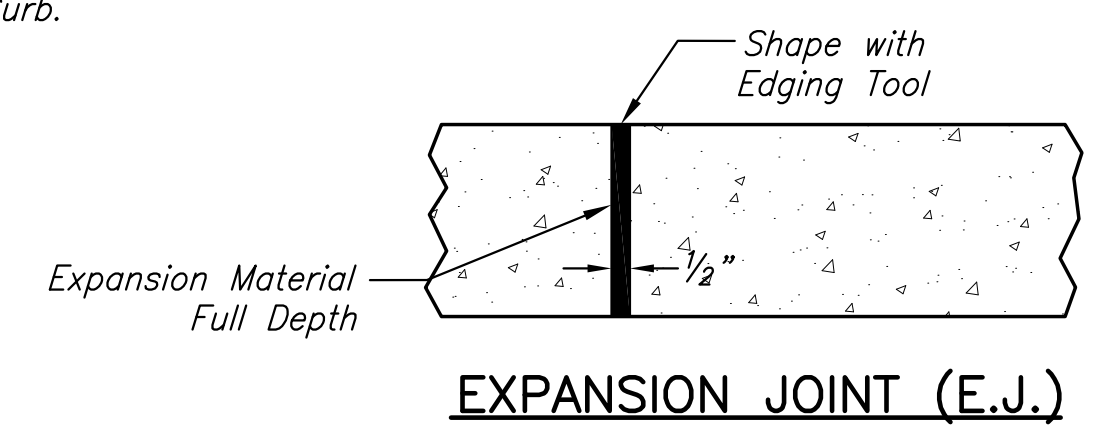
SECTION  
\* Transition at ends as shown on the plans.  
**CONCRETE SIDEWALK PROTECTION CURB**



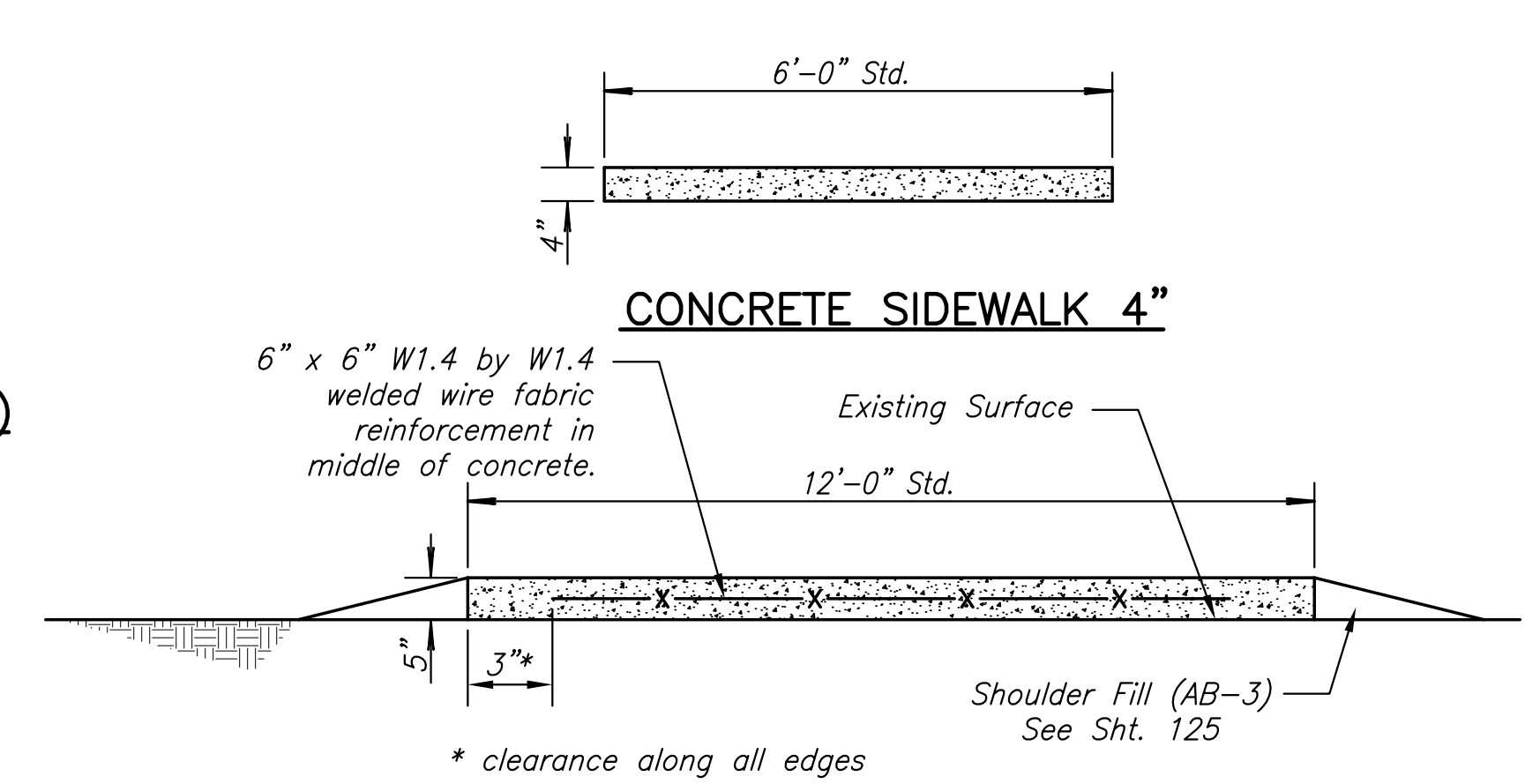
**SIDEWALK THICKENING**  
Note: All Sidewalk at Back of Curb Shall Conform to this Detail



**CONTRACTION JOINT (C.J.)**



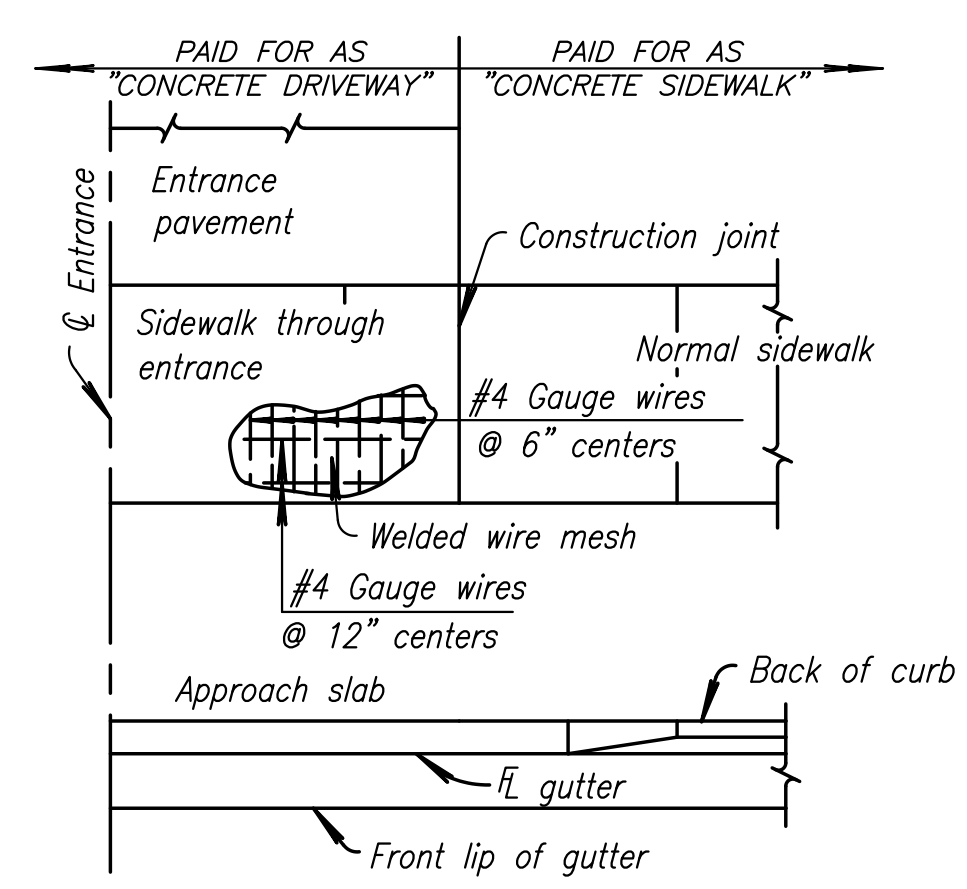
**EXPANSION JOINT (E.J.)**



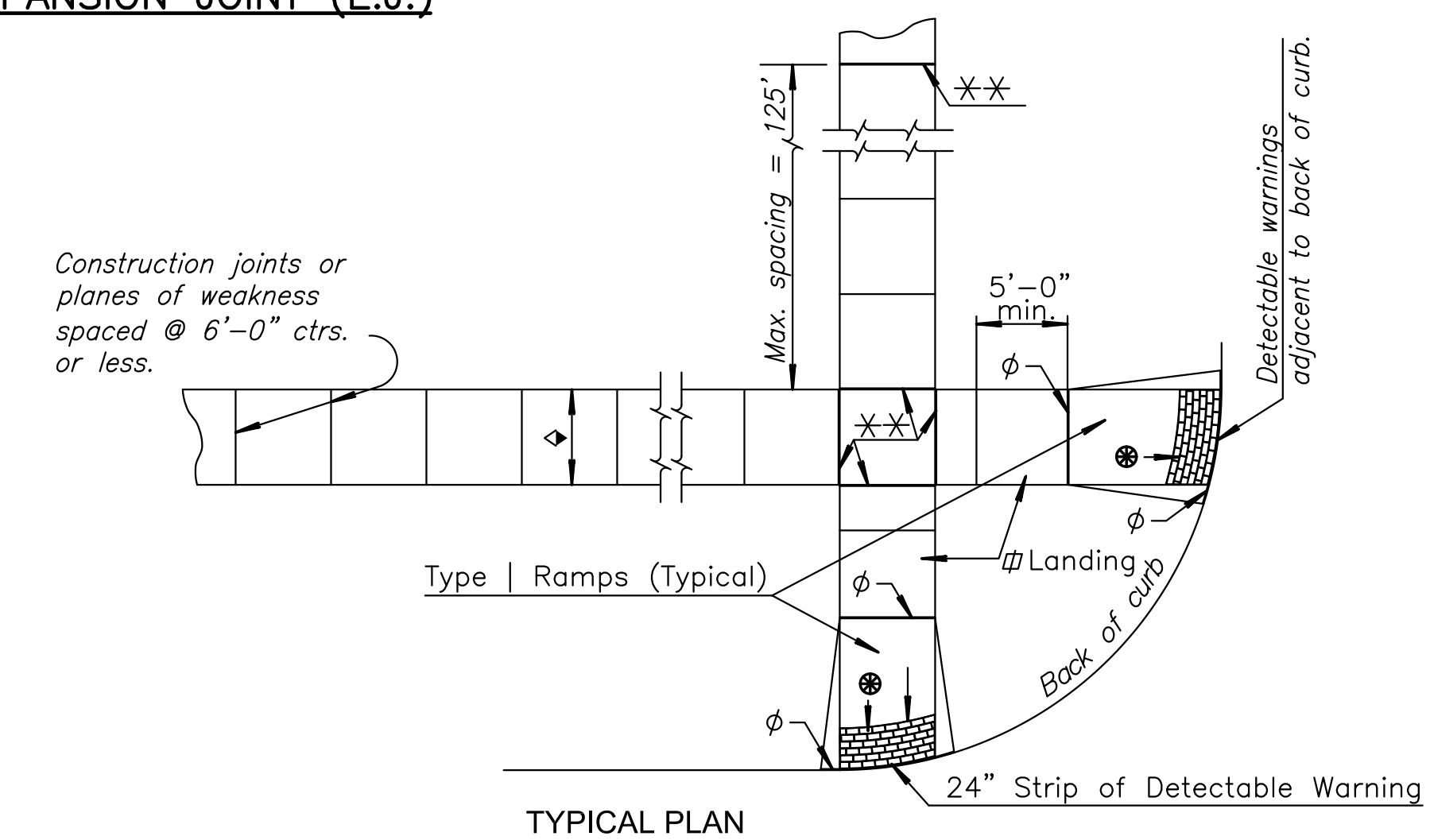
**CONCRETE SIDEWALK 4"**



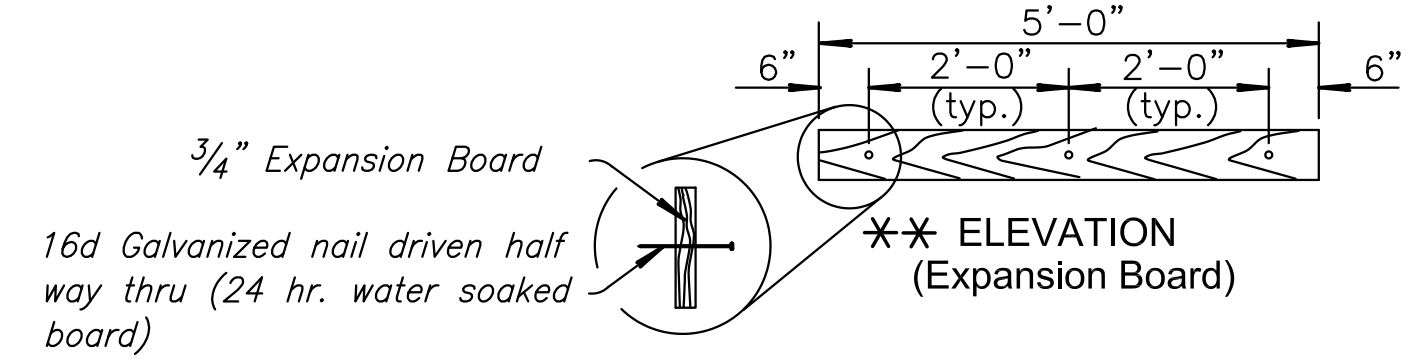
**CONCRETE SIDEWALK 5"**



**REINFORCEMENT DIAGRAM SIDEWALK THROUGH DRIVE APPROACH**



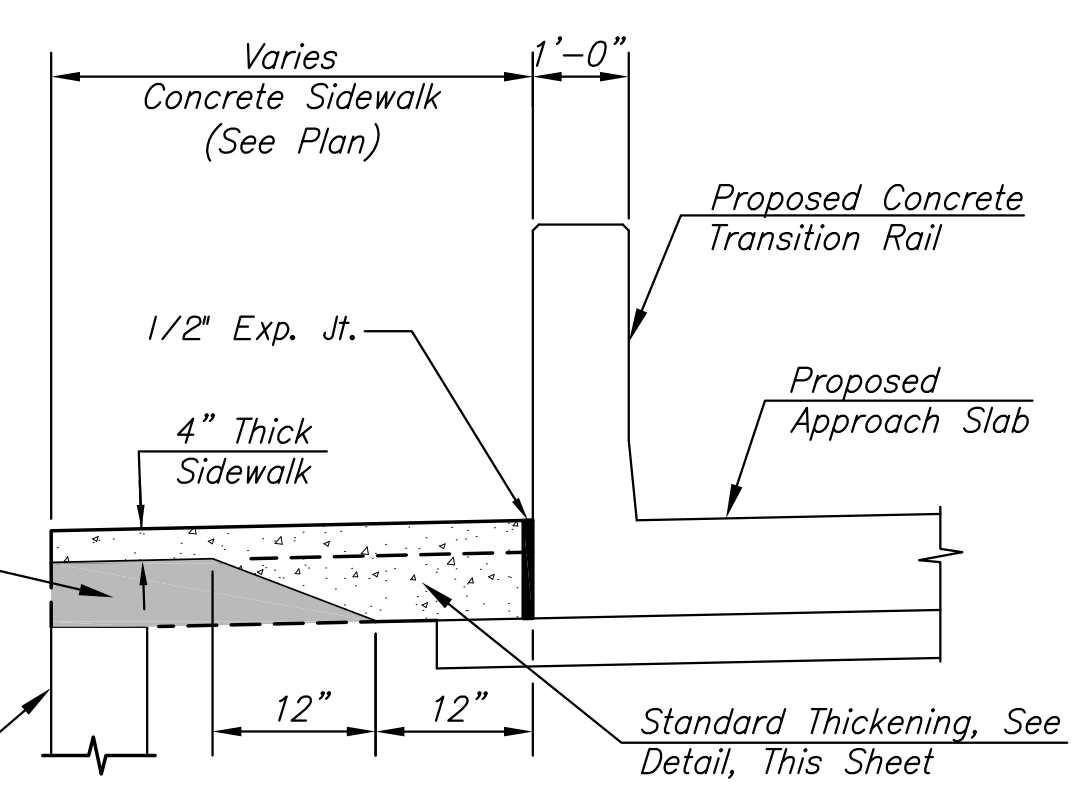
TYPICAL PLAN



**ELEVATION (Expansion Board)**

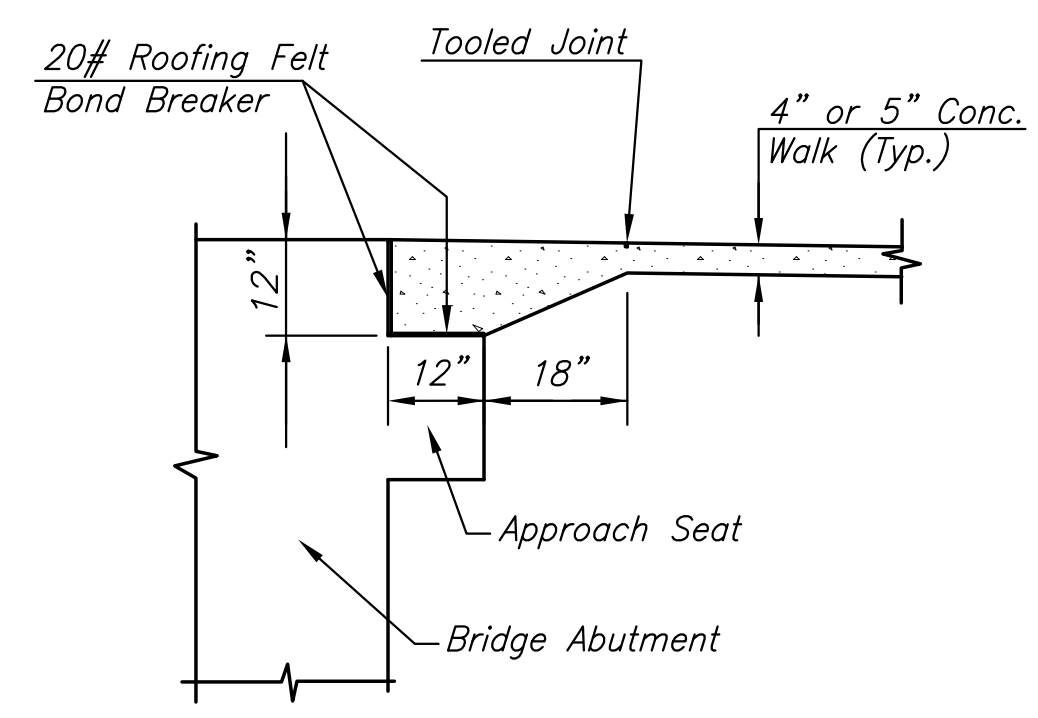
- φ Expansion Joint (3/4" board) placed at either back of curb line or at sidewalk back of curb line or at sidewalk line.
- ✱✱ Expansion joint (3/4" board) located as shown.
- ◆ Variable width (5'-0" min.). Entrance walk to be same width as approach walk. Use sidewalk width of 4'-0" where existing conditions prohibit use of 5'-0".
- ✱ New construction ramp slopes are 12:1 or flatter. Desirable ramp slopes for existing sites are 12:1 or flatter. Where space limitations prohibit construction of a 12:1 slope on existing sites, use the following slopes:  
8:1 or flatter for a maximum rise of 3 inches  
10:1 or flatter for a maximum rise of 6 inches
- ⊕ Use a landing slope of 48:1 or flatter. Landings are the same width as ramp and a minimum 5'-0" in length.
- ∩ Use a counter slope of 20:1 or flatter at the base of sidewalk ramps. See curb and gutter detail sheet.
- ⊗ Detectable warning installation is typical and required on Sidewalk Ramps Type 1, Type 2, Type 3, median ramp crossings and other locations as shown in the plans. See ramp detail sheet.

**TYPICAL SIDEWALK PLAN AND DETAILS**



**SIDEWALK AT BRIDGE APPROACH**

Over Abutment Wings and to the extent of the Concrete Protection Curb, Special, Cast Sidewalk full depth between top of Wing and Approach Slab as shown



**SIDEWALK AT BRIDGE ABUTMENT**