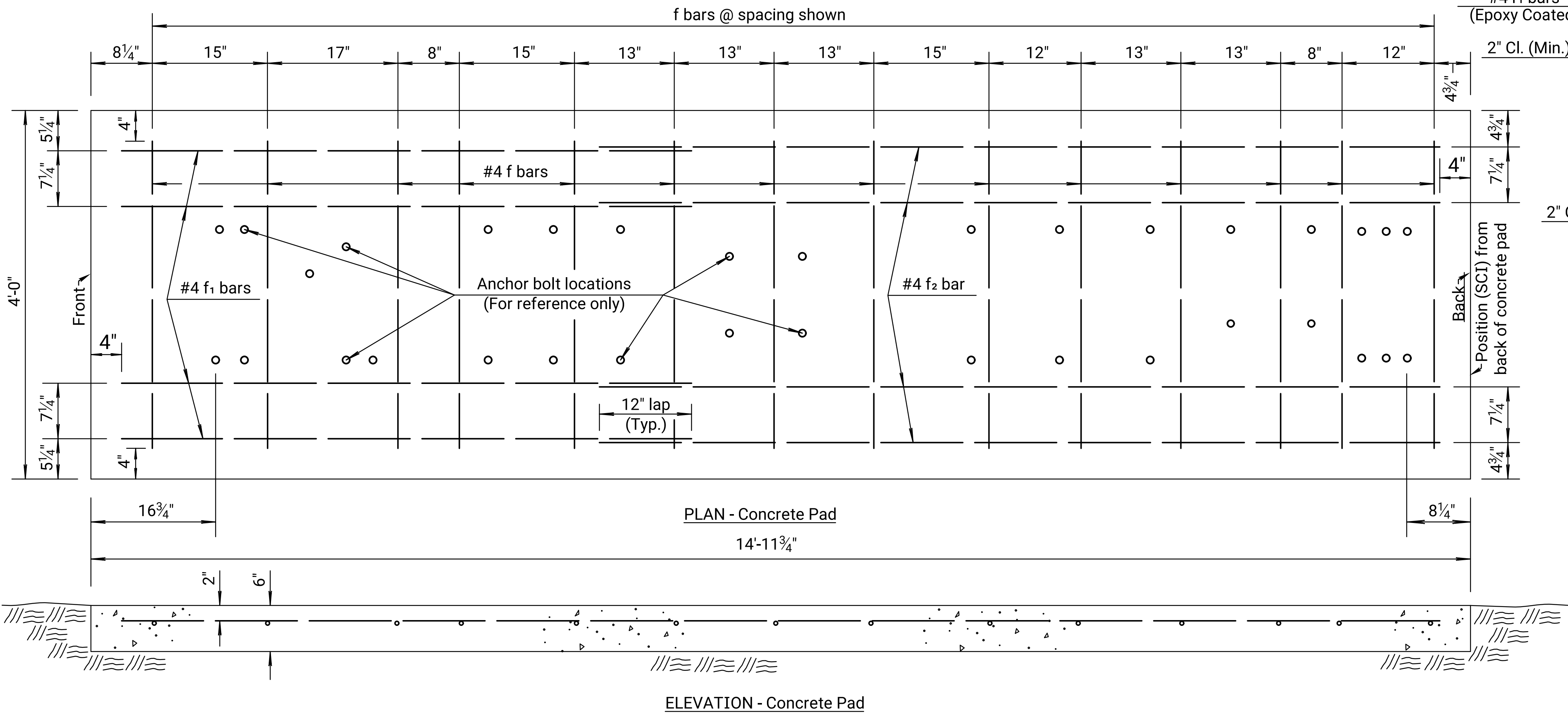
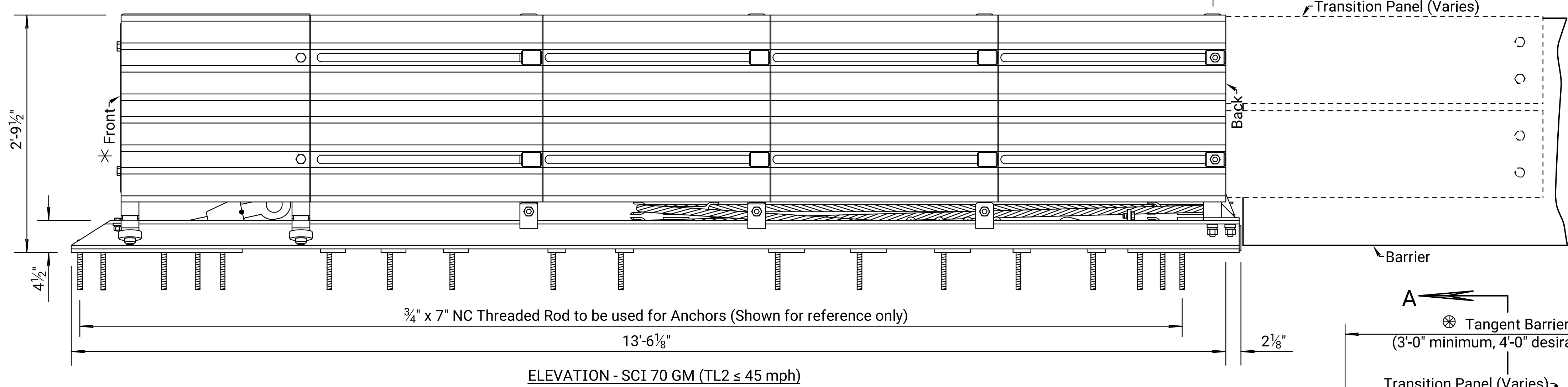
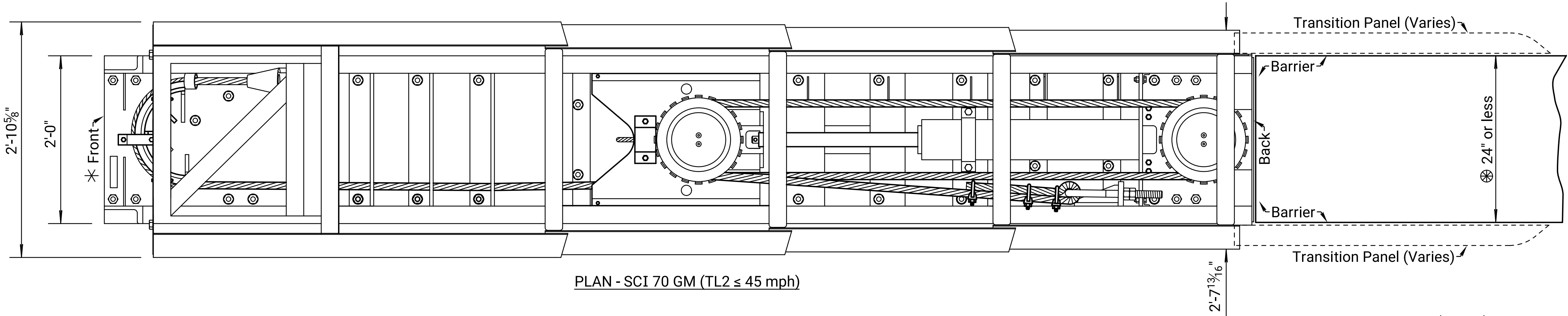
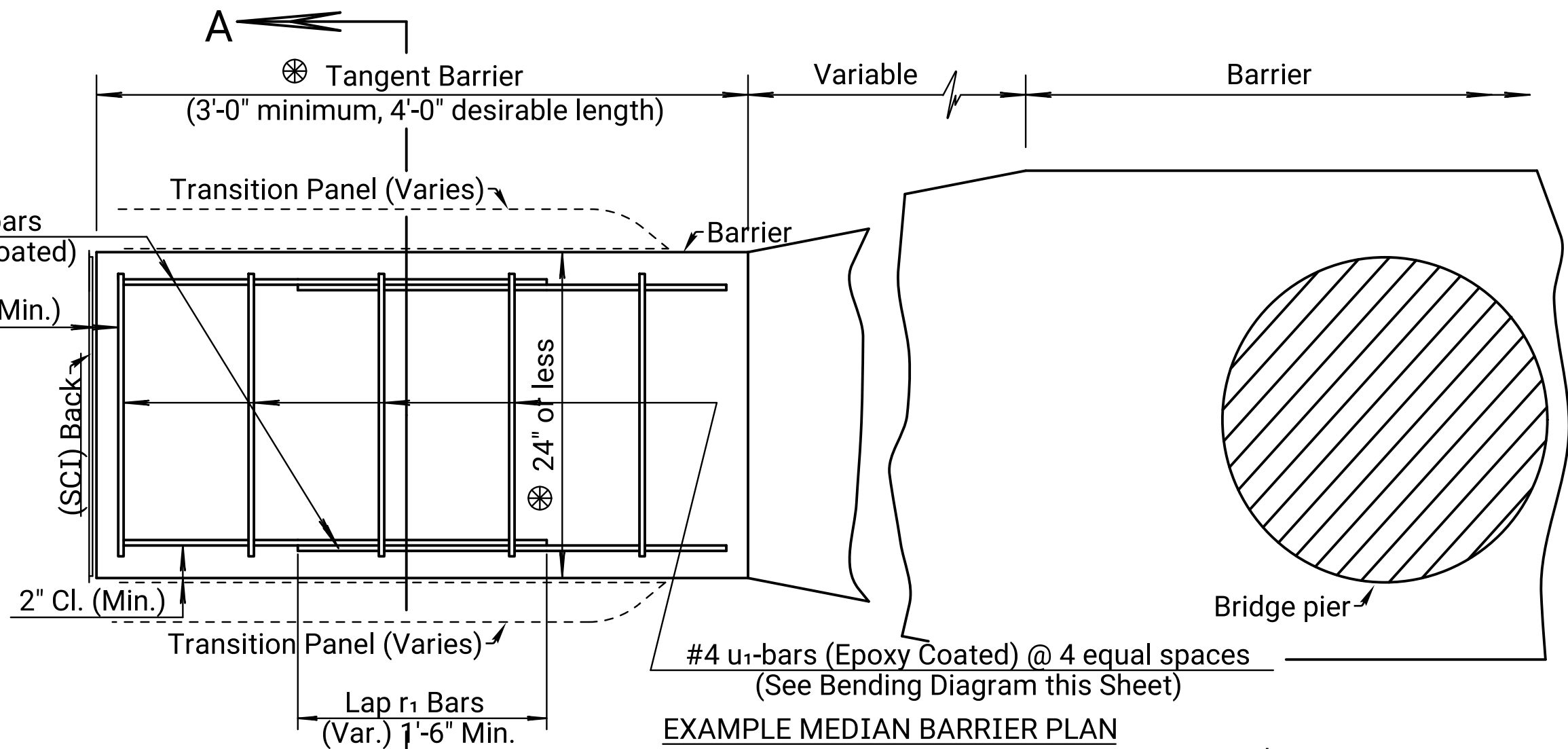


Note to Designer - Prepare concrete barrier transition details when concrete barrier height and width transitions are required.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		0	0	



ELEVATION - Concrete Pad



BILL OF MATERIALS		
Conc. Pad SCI 70 GM		
Bar	No.	Length
f	14	3'-4"
f1	4	6'-2 1/4"
f2	4	9'-2"
Conc. Gr.	4.0	1.15 Cu.Yd.
Reinf. Steel		72 lbs.
Conc. Barrier		
Bar	No.	Length
u1	10	6'-6"
r1	16	2'-7"
Conc. Gr.	4.0	0.79 Cu.Yd.
Reinf. St. (Epoxy Coated)		72 lbs.

NOTE: ALL REINFORCING BARS ARE SIZE #4.

GENERAL NOTES

Details shown on this sheet of SCI 70 GM are for Information Only and may not be an exact detail of SCI 70 GM. See the manufacturer's Installation Manual furnished to the Engineer for details of components and installation for the SCI 70 GM.

Concrete shall have a minimum compressive strength of 4,000 p.s.i.

Maximum cross-slope is 8.0%. If cross-slope varies more than 2% over the length of the system, the concrete pad will require leveling.

The installation area should be free from elevated objects or depressions.

The SCI 70 GM system should be approximately parallel with the barrier or ϕ of merging barriers.

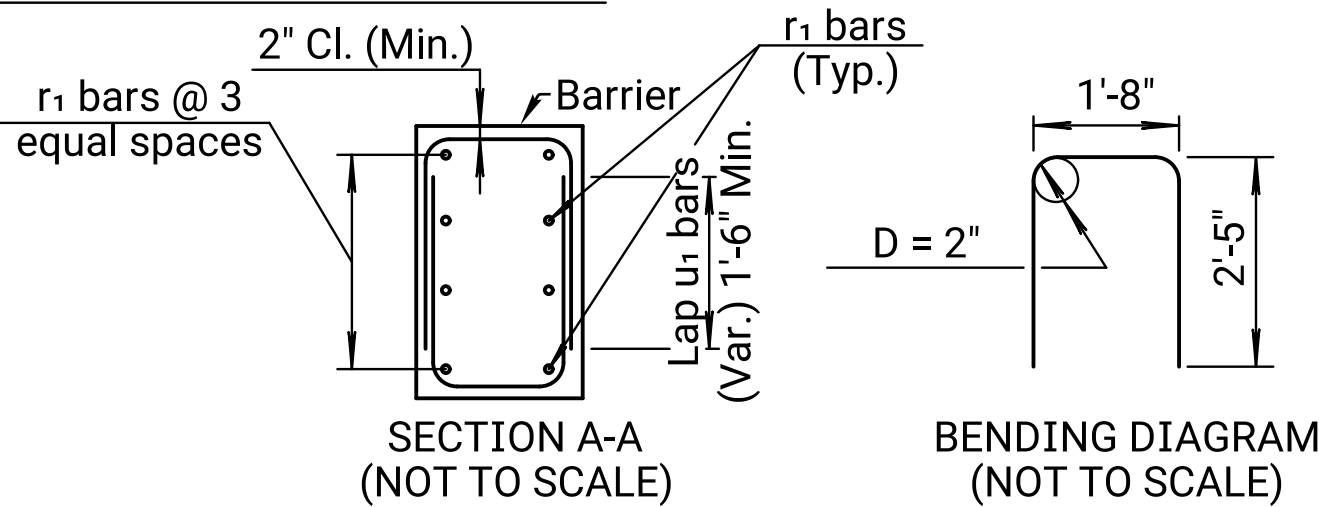
⊗ The Side Panel may travel up to 30" beyond the last terminal brace at the back of cushion. This area must be clear to allow for motion, performance and not cause undue damage to the crash cushion.

The unit shown on this sheet abuts a barrier up to 24" wide with transition panels. The SCI can be connected to permanent or temporary F-Shape Barrier. Refer to the manufacturer's Installation Manual for these transition connections along with other connections. A barrier that is greater than 24" wide requires a special design.

All work and material required for installation of this attenuator shall be paid under the bid item "Impact Attenuator (TL2)".

For temporary installations, the unit can be placed on a 8" Asphalt Pad. All work and material to install and remove the unit will be paid under the bid item "Impact Attenuator (Temporary)".

For temporary and permanent applications install a retroreflective delineator panel on the front face of the attenuator.



KANSAS DEPARTMENT OF TRANSPORTATION			
IMPACT ATTENUATOR (SCI-TL2)			
RD627			
FHWA APPROVAL		12-18-09	APPD.
DESIGNED	11-16-09	QUANTITIES	James O. Brewer
DETAIL CK.	12-16-08	QUAN. CK.	TRACED
DESIGN CK.			TRACE CK.