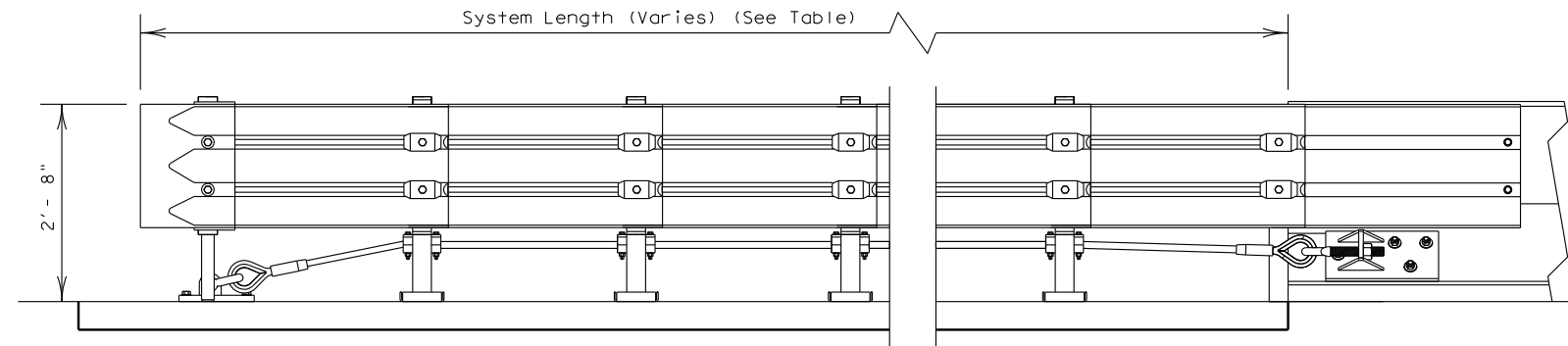
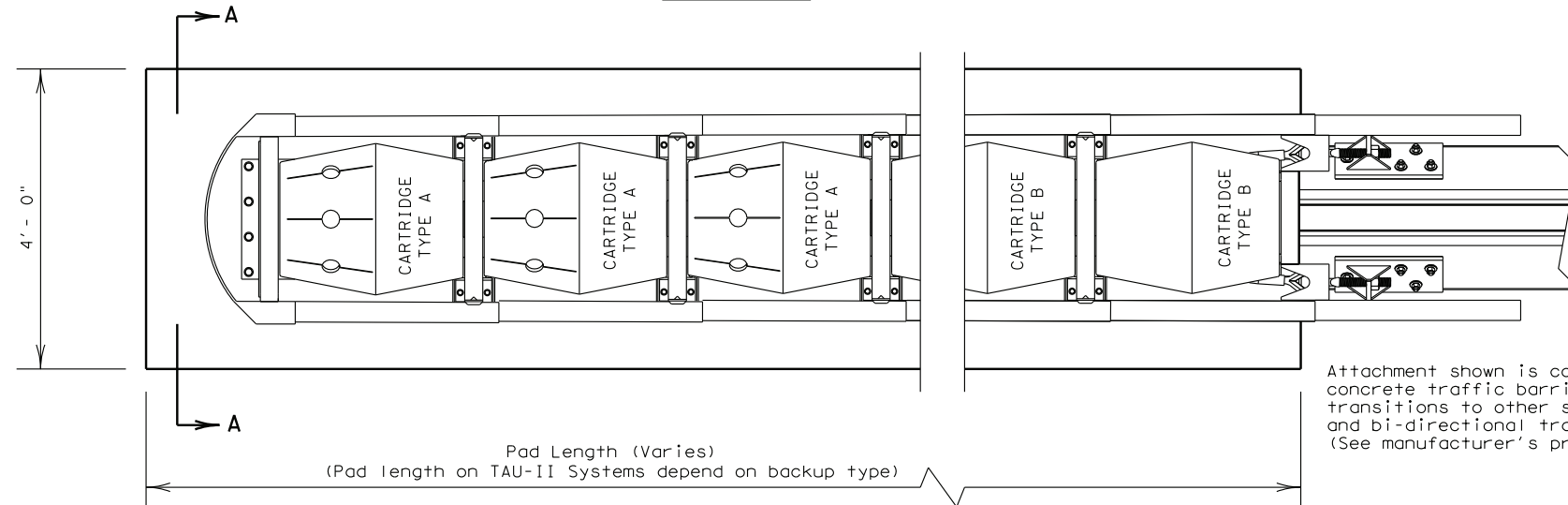


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DATE: FILE:



**ELEVATION**



**PLAN**

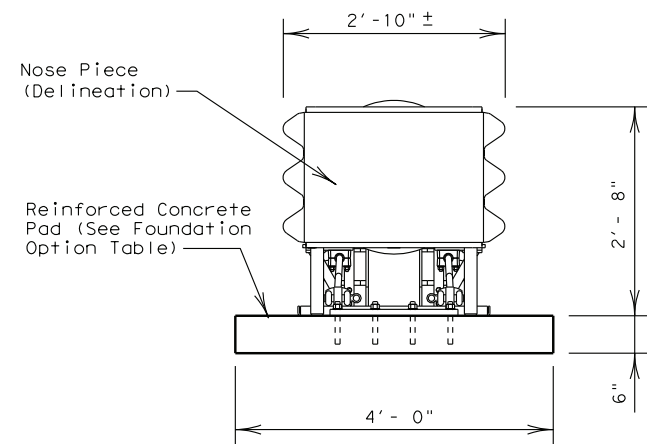
Attachment shown is concrete backup to concrete traffic barrier. For attachment and transitions to other shapes, barriers railings and bi-directional traffic flows are available. (See manufacturer's product manual)

**GENERAL NOTES**

- For additional information contact Interstate Steel Inc. at (432)263-3725.
- For bi-directional traffic, appropriate transition panels will be required.
- Additional details for the backup support options, transition options and foundation options will be shown on the manufacturer's shop drawings furnished to the Engineer.
- Concrete shall be class "S" with a minimum compressive strength of 4,000 p.s.i.
- Maximum permissible cross-slope is 8%.
- The installation area should be free from curbs, elevated objects, or depressions.
- The TAU-II system should be approximately parallel with the barrier or  $\phi$  of merging barriers.

BILL OF MATERIAL		
PRODUCT CODE	QTY	DESCRIPTION
B010528	1	Front Support
B010530	TBD	Middle Support Diaphragm
TBD	1	Backup Support Option (See Table)
B010802	TBD	Energy Absorbing Cartridge, Type A
B010722	TBD	Energy Absorbing Cartridge, Type B
TBD	1	Anchor Package
B010712	1	Front Support Leg
B010721	1	Cable Guide Assembly
B010202	TBD	Sliding Panel
B010842	TBD	Sliding Bolt
B010659	1	End Panel
B010651	4	Pipe Panel Mount
B010248	1	Front Cable Anchor
B010711	1	Nose Piece
2001009	4	Extra Thick Flat Washer, SS
2001449	TBD	Hex Bolt, Galv.
2001450	TBD	Washer, Galv.
2001451	TBD	Hex Nut, Galv.
2001356	4	Fender Washer, SS

(TBD) = To Be Determined, depending on Backup Type and System Length. (See manufacturer's product manual)



**SECTION A-A**

Nose Piece delineation orientation, is shown elsewhere on the plans.

DESIGN SPEED (mph)	NUMBER OF BAYS	SYSTEM LENGTH (approx.)
45 OR LESS	4	12' - 0"
50	5	15' - 0"
55	7	20' - 6"
60	8	23' - 6"
65	9	26' - 0"
70	11	32' - 0"
75	12	35' - 0"

System and pad lengths vary depending on backup type.

FOUNDATION OPTIONS
6" Reinforced Concrete
8" Unreinforced Concrete
3" Min. Asphalt over 3" Min. Concrete
6" Asphalt over 6" Compact Subbase
8" Minimum Asphalt

For steel placement in concrete foundations, see manufacturer's product manual.

BACKUP SUPPORT OPTIONS
Compact Steel Backup (Stand alone)
Concrete Backup

TRANSITION OPTIONS
Concrete Backup to Vertical Wall
Concrete Backup to Concrete Traffic Barriers
Thrie-Beam to W-Beam Guardrail

Backup and Transition types are shown elsewhere on the plans, (i.e. Attenuator location details or in the general notes).

For bi-directional transition panel and end shoe details, see manufacturer's product manual.

Texas Department of Transportation  
Design Division Standard

**BARRIER SYSTEMS  
ATTENUATING  
CRASH CUSHION  
(NARROW)**

**TAU- II (N) -05**

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