

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



BUREAU OF BRIDGE DESIGN



Pier Protection Detail Sheets - REVISION HISTORY

Date of Revision	Name of Detail Sheet	Revision Description	Background
12/26/2023	All Pier Protection Detail Sheets	Revised note to Designer Revised note #1 to include transition barrier sheet	Designers should be adding project specific details if pier isn't similar or if existing situations call for more project specific details. Check if the sheet has conflicts to proposed/existing conditions and show clarifications.
7/31/2023	All Pier Protection Detail Sheets	Converted from MicroStation V8i to MicroStation Connect. Changes made are shown with highlights on this Detail Sheet .	
10/10/2016	Pier Protection Type I (54" SS Concrete Barrier) Pier Protection Type II (54" SS Concrete Barrier) Pier Protection Type II (54" SF Concrete Barrier)	Post Connection Detail:	Items numbers included for use when attaching to beam guardrail.
8/4/2015	54" Single Slope Concrete Barrier, Precast	Revised Concrete Barrier Reinforcing Schedule: Loop bar unbent length: From 8'-2" to 7'-11" #4 stirrup: From 3 1/8" R to 2 5/8" R, 8.83" to 8 7/8", 4.37" to 5 1/4", unbent length 11'-2" to 11'-3 5/8"	Corrected reinforcing dimensions.
8/4/2015	54" Single Slope Concrete Barrier Single Faced, Precast	Revised Concrete Barrier Reinforcing Schedule: Loop bar unbent length: From 7'-7 1/4" to 7'-3 1/2" #4 stirrup: From 2 3/4" R to 2 1/4" R, 8" to 8 1/4", 10 1/2" to 9 1/2", 4" to 5 1/4", unbent length 10'-9" to 10'-9 3/8"	Corrected reinforcing dimensions.
1/15/2015	Pier Protection Type I (54" SS Concrete Barrier) Pier Protection Type II (54" SS Concrete Barrier) Pier Protection Type II (54" SF Concrete Barrier)	Added note: Modifications shall be made to sheet to fit project.	Clarification that changes can be made to sheet.
3/30/2014	54" Single Slope Concrete Barrier, Precast	Added: "Optional End View (Masonry)" detail.	A precast concrete fabricator requested the optional detail so the barrier could be cast with their current forms.
3/25/2014	Pier Protection Type I (54" Single Slope Concrete Barrier) Pier Protection Type II (54" Single Slope Concrete Barrier) Pier Protection Type II (54" Single Slope Concrete Barrier, Single Faced)	Revised "Elevation View" note to: <i>Item 593.121, Geotextile: Subsurface Drainage, Class 2, Non-Woven (center 2'-0" wide section over barrier joints)(Typ)</i> From: Item 593.121, Geotextile: Subsurface Drainage, Class 1, Non-Woven (center 2'-0" wide section over barrier joints)(Typ)	Item description incorrectly stated Class 1. Item number is correct.