

Standard and Typical Detail Drawings

Bridge Barriers



Quick Links:

[Typical Detail Drawings – New Barriers](#)

[Standard Drawings – New TL-2 Barriers](#)

[Standard Drawings – New TL-4 Barriers](#)

[Standard Drawings – New TL-5 Barriers](#)

[Standard Drawings – Existing Barrier Upgrades](#)

[Standard Drawings – Miscellaneous Barriers](#)

Typical Detail Drawings – New Barriers

Drawing No.	Drawing Description	Current Revision
T-1680-20	Typical Barrier and Wingwall Details	REV 1

Standard Drawings – New TL-2 Barriers

Drawing No.	Drawing Description	Current Revision
S-1652-20	TL-2 Thrie Beam Bridgerail with Strong Post W-Beam	REV -
S-1653-20	TL-2 Low Height Thrie Beam Bridgerail	REV -
S-1797-20	TL-2 Thrie Beam Bridgerail on 75mm High Curb with Strong Post W-Beam	REV -

Standard and Typical Detail Drawings

Bridge Barriers



Standard Drawings – New TL-4 Barriers

Drawing No.	Drawing Description	Current Revision
S-1642-20	TL-4 Double Tube Type Bridgerail - Bridgerail Details	REV -
S-1643-20	TL-4 Double Tube Type Bridgerail - Approach Rail Transition Details with Strong Post W-Beam Guardrail	REV -
S-1648-20	TL-4 Thrie Beam on Curb Bridgerail and Bridgerail Details	REV -
S-1649-20	TL-4 Thrie Beam on Curb Bridgerail - Approach Rail Transition Details with Strong Post W-Beam Guardrail	REV -
S-1650-20	TL-4 Single Slope Concrete Bridge Barrier - Barrier Details	REV 1
S-1651-20	TL-4 Single Slope Concrete Bridge Barrier - Approach Rail Transition Details with Strong Post W-Beam Guardrail	REV -
S-1700-20	TL-4 Combination Barrier - Bridgerail Details	REV -
S-1701-20	TL-4 Combination Barrier - Barrier End Details	REV -
S-1798-20	TL-4 Single Slope Concrete and Double Tube Type Barriers Along Top of MSE Wall	REV -

Standard and Typical Detail Drawings

Bridge Barriers



Standard Drawings – New TL-5 Barriers

Drawing No.	Drawing Description	Current Revision
S-1702-20	TL-5 Double Tube Type Bridgerail - Bridgerail Details	REV -
S-1703-20	TL-5 Double Tube Type Bridgerail - Barrier End Details	REV -
S-1704-20	TL-5 Double Tube Type Bridgerail - Concrete Barrier Wall Details	REV -
S-1705-20	TL-5 Double Tube Type Bridgerail - Approach Rail Transition Details with Strong Post W-Beam Guardrail	REV -

Standard Drawings – Existing Barrier Upgrades

Drawing No.	Drawing Description	Current Revision
S-1654-01	Low Height Retrofit Bridgerail & Approach Guardrail on Local Roads - Sheet 1	REV -
S-1655-01	Low Height Retrofit Bridgerail & Approach Guardrail on Local Roads - Sheet 2	REV -
S-1711-07	Approach Rail Transition Upgrade Vert. Bar/Horiz. Rail Bridgerail Undivided Highway - Sheet 1	REV -
S-1712-07	Approach Rail Transition Upgrade Vert. Bar/Horiz. Rail Bridgerail Undivided Highway - Sheet 2	REV -

Standard and Typical Detail Drawings

Bridge Barriers



Standard Drawings – Existing Barrier Upgrades

Drawing No.	Drawing Description	Current Revision
S-1713-07	Approach Rail Transition Upgrade Vert. Bar/Horiz. Rail Bridgerail Divided Highway - Sheet 1	REV -
S-1714-07	Approach Rail Transition Upgrade Vert. Bar/Horiz. Rail Bridgerail Divided Highway - Sheet 2	REV -
S-1715-07	Approach Rail Transition Upgrade Vert. Bar/Horiz. Rail Bridgerail Divided Highway - Sheet 3	REV -
S-1716-07	Approach Rail Transition Upgrade 850 mm Double Tube Bridgerail Sheet 1	REV -
S-1717-07	Approach Rail Transition Upgrade 850 mm Double Tube Bridgerail Sheet 2	REV -
S-1718-07	Approach Rail Transition Upgrade 850 mm Double Tube Bridgerail Sheet 3	REV -
S-1719-07	Approach Rail Transition Upgrade 850 mm Double Tube Bridgerail Sheet 4	REV -
S-1720-07	Deep Beam (W-Beam) Bridgerail and Approach Rail Transition Upgrade Details	REV -
S-1750-07	Bridgerail Upgrade Vert. Bar/Horiz. Rail Bridgerail - Sheet 1	REV 2
S-1751-07	Bridgerail Upgrade Vert. Bar/Horiz. Rail Bridgerail - Sheet 2	REV 2
S-1752-07	Bridgerail Upgrade Vert. Bar/Horiz. Rail Bridgerail - Sheet 3	REV 2

Standard and Typical Detail Drawings

Bridge Barriers



Standard Drawings – Miscellaneous Barriers

Drawing No.	Drawing Description	Current Revision
S-1845-20	Standard Pedestrian and Bicycle Barrier – Sheet 1	REV -
S-1846-20	Standard Pedestrian and Bicycle Barrier – Sheet 2	REV -
S-1644-00	Thrie Beam Guardrail - Sheet 1 of 2	REV -
S-1645-00	Thrie Beam Guardrail - Sheet 2 of 2	REV -
S-1646-00	Thrie Beam Terminal Connector	REV -
S-1647-00	W-Thrie Beam Transition Panel	REV -
S-1681-20	Bridgerail to Modified Thrie Beam Transition Details	REV -
S-1815-20	TL-2 W-Beam Guardrail Approach Rail at Intersection Details	REV -