

Standard and Typical Detail Drawings

All Active Drawings



Typical Detail Drawings

Drawing No.	Drawing Description	Current Revision
T-1680-20	Typical Barrier and Wingwall Details	REV 1
T-1721-20	Typical Overhead Sign Structure General Layout	REV -
T-1750-18	NU Girder Bridge Typical Details - Sheet 1	REV -
T-1751-18	NU Girder Bridge Typical Details - Sheet 2	REV -
T-1752-18	NU Girder Bridge Typical Details - Sheet 3	REV -
T-1753-18	NU Girder Bridge Typical Details - Sheet 4	REV -
T-1759-20	Steel Plate Girder Bridge Typical Details - Sheet 1	REV -
T-1760-20	Steel Plate Girder Bridge Typical Details - Sheet 2	REV -
T-1761-20	Typical Expansion Bearing Details	REV -

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Drawing No.	Drawing Description	Current Revision
S-1409-20	Standard Concrete Slope Protection	REV -
S-1412-20	Standard Cast-in-Place Concrete Construction Joints	REV 1
S-1418-20	Installation of CSP and SPCSP Structures	REV -
S-1444-93	Concrete End Treatment for Large Steel Culverts - Sheet 1	REV 2
S-1445-93	Concrete End Treatment for Large Steel Culverts - Sheet 2	REV 3
S-1476	Culvert Repair Shotcrete Beam Details	REV 5
S-1620	Maintenance Procedure for Steel Strutting of Metal Culverts	REV 1
S-1621	Installation of Liners for Metal Culverts - Sheet 1	REV -
S-1622	Installation of Liners for Metal Culverts - Sheet 2	REV -
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-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 -

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Drawing No.	Drawing Description	Current Revision
S-1647-00	W-Thrie Beam Transition Panel	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-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-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-1681-20	Bridgerail to Modified Thrie Beam Transition Details	REV -
S-1700-20	TL-4 Combination Barrier - Bridgerail Details	REV -
S-1701-20	TL-4 Combination Barrier - Barrier End Details	REV -
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 -

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Drawing No.	Drawing Description	Current Revision
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 -
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 -
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-1723-07	Prestressed Concrete 6m Type SL-510 Interior Girder	REV 1
S-1724-07	Prestressed Concrete 6m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -

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Drawing No.	Drawing Description	Current Revision
S-1725-07	Prestressed Concrete 8m Type SL-510 Interior Girder	REV 1
S-1726-07	Prestressed Concrete 8m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1727-07	Prestressed Concrete 10m Type SL-510 Interior Girder	REV 1
S-1728-07	Prestressed Concrete 10m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1729-07	Prestressed Concrete 12m Type SL-510 Interior Girder	REV 1
S-1730-07	Prestressed Concrete 12m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1731-07	Prestressed Concrete 14m Type SL-510 Interior Girder	REV 1
S-1732-07	Prestressed Concrete 14m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1733-07	Prestressed Concrete 6.10m Type SL-510 Interior Girder	REV 1
S-1734-07	Prestressed Concrete 6.10m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1735-07	Prestressed Concrete 8.53m Type SL-510 Interior Girder	REV 1
S-1736-07	Prestressed Concrete 8.53m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1737-07	Prestressed Concrete 9.14m Type SL-510 Interior Girder	REV 1
S-1738-07	Prestressed Concrete 9.14m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -

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Drawing No.	Drawing Description	Current Revision
S-1739-07	Prestressed Concrete 10.06m Type SL-510 Interior Girder	REV 1
S-1740-07	Prestressed Concrete 10.06m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1741-07	Prestressed Concrete 10.67m Type SL-510 Interior Girder	REV 1
S-1742-07	Prestressed Concrete 10.67m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1743-07	Prestressed Concrete 11.58m Type SL-510 Interior Girder	REV 1
S-1744-07	Prestressed Concrete 11.58m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1745-07	Prestressed Concrete 12.19m Type SL-510 Interior Girder	REV 1
S-1746-07	Prestressed Concrete 12.19m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1747-07	Prestressed Concrete 12.80m Type SL-510 Interior Girder	REV 1
S-1748-07	Prestressed Concrete 12.80m Type SL-510 Interior Girder and Exterior Girder Layouts	REV -
S-1749-07	Prestressed Concrete Type SL-510 Girder Standard Details	REV 2
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

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Drawing No.	Drawing Description	Current Revision
S-1753-08	SL Precast Girder Bridges with Steel Substructures - Sheet 1	REV 2
S-1754-08	SL Precast Girder Bridges with Steel Substructures - Sheet 2	REV 1
S-1755-08	SL Precast Girder Bridges with Steel Substructures - Sheet 3	REV 2
S-1756-08	SL Precast Girder Bridges with Steel Substructures - Sheet 4	REV 2
S-1762-08	SL Precast Girder Bridges with Cast-in-Place Concrete Substructures - Sheet 1	REV -
S-1763-08	SL Precast Girder Bridges with Cast-in-Place Concrete Substructures - Sheet 2	REV -
S-1764-08	SL Precast Girder Bridges with Cast-in-Place Concrete Substructures - Sheet 3	REV -
S-1765-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 1	REV -
S-1766-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 2	REV -
S-1767-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 3	REV -
S-1768-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 4	REV -
S-1769-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 5	REV -
S-1770-08	SL Precast Girder Bridges with Precast Concrete Substructures - Sheet 6	REV -
S-1771-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Superstructure Layout	REV -

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Drawing No.	Drawing Description	Current Revision
S-1772-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Deck Details - Sheet 1	REV -
S-1773-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Deck Details - Sheet 2	REV -
S-1774-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Interior Girder	REV -
S-1775-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Curb Girder	REV -
S-1776-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Girder End Details	REV -
S-1777-20	Standard SLC Composite Bridges, SLC 510 Prestressed Concrete Girders - Curb Details	REV -
S-1778-20	Standard SLC Composite Bridges, SLC 510 Girders with Cast-in-Place Concrete Substructures - Sheet 1	REV -
S-1779-20	Standard SLC Composite Bridges, SLC 510 Girders with Cast-in-Place Concrete Substructures - Sheet 2	REV -
S-1780-20	Standard SLC Composite Bridges, SLC 510 Girders with Cast-in-Place Concrete Substructures - Sheet 3	REV -
S-1781-20	Standard SLC Composite Bridges, SLC 510 Girders with Cast-in-Place Concrete Substructures - Sheet 4	REV -
S-1782-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Superstructure Layout	REV -
S-1783-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Deck Details - Sheet 1	REV -
S-1784-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Deck Details - Sheet 2	REV -
S-1785-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Interior Girder	REV -

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Drawing No.	Drawing Description	Current Revision
S-1786-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Curb Girder	REV -
S-1787-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Girder End Details	REV -
S-1788-20	Standard SLC Composite Bridges, SLC 700 Prestressed Concrete Girders - Curb End Details	REV -
S-1789-20	Standard SLC Composite Bridges, SLC 700 Girders with Cast-in-Place Concrete Substructures - Sheet 1	REV -
S-1790-20	Standard SLC Composite Bridges, SLC 700 Girders with Cast-in-Place Concrete Substructures - Sheet 2	REV -
S-1791-20	Standard SLC Composite Bridges, SLC 700 Girders with Cast-in-Place Concrete Substructures - Sheet 3	REV -
S-1792-20	Standard SLC Composite Bridges, SLC 700 Girders with Cast-in-Place Concrete Substructures - Sheet 4	REV -
S-1793-08	SL Precast Girder Bridges with High Backwall Steel Abutments - Sheet 1	REV 1
S-1794-08	SL Precast Girder Bridges with High Backwall Steel Abutments - Sheet 2	REV 1
S-1795-08	SL Precast Girder Bridges with High Backwall Steel Abutments - Sheet 3	REV 1
S-1796-08	SL Precast Girder Bridges with High Backwall Steel Abutments - Sheet 4	REV 1
S-1797-20	TL-2 Thrie Beam Bridgerail on 75mm High Curb with Strong Post W-Beam	REV -
S-1798-20	TL-4 Single Slope Concrete and Double Tube Type Barriers Along Top of MSE Wall	REV -
S-1800-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 1	REV 2

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Drawing No.	Drawing Description	Current Revision
S-1801-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 2	REV 2
S-1802-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 3	REV 1
S-1803-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 4	REV 1
S-1804-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 5	REV -
S-1805-20	Cover Plated V-Seal Deck Joint Assembly - Sheet 6	REV 1
S-1810-20	Type 1 Strip Seal Deck Joint - Sheet 1	REV -
S-1811-20	Type 1 Strip Seal Deck Joint - Sheet 2	REV -
S-1812-20	Type 1 Strip Seal Deck Joint - Sheet 3	REV -
S-1815-20	TL-2 W-Beam Guardrail Approach Rail at Intersection Details	REV -
S-1816-12	Prestressed Concrete 6m SLW-510 Interior Girder	REV -
S-1817-12	Prestressed Concrete 6m SLW-510 Exterior Girder	REV -
S-1818-12	Prestressed Concrete 6m SLW-510 Interior and Exterior Girder Layouts	REV -
S-1819-12	Prestressed Concrete 6m SLW-510 Skewed Girder Reinforcement	REV -
S-1820-12	Prestressed Concrete 8m SLW-510 Interior Girder	REV -

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Drawing No.	Drawing Description	Current Revision
S-1821-12	Prestressed Concrete 8m SLW-510 Exterior Girder	REV -
S-1822-12	Prestressed Concrete 8m SLW-510 Interior and Exterior Girder Layouts	REV -
S-1823-12	Prestressed Concrete 8m SLW-510 Skewed Girder Reinforcement	REV -
S-1824-12	Prestressed Concrete 10m SLW-510 Interior Girder	REV -
S-1825-12	Prestressed Concrete 10m SLW-510 Exterior Girder	REV -
S-1826-12	Prestressed Concrete 10m SLW-510 Interior and Exterior Girder Layouts	REV -
S-1827-12	Prestressed Concrete 10m SLW-510 Skewed Girder Reinforcement	REV -
S-1828-12	Prestressed Concrete 12m SLW-510 Interior Girder	REV -
S-1829-12	Prestressed Concrete 12m SLW-510 Exterior Girder	REV -
S-1830-12	Prestressed Concrete 12m SLW-510 Interior and Exterior Girder Layouts	REV -
S-1831-12	Prestressed Concrete 12m SLW-510 Skewed Girder Reinforcement	REV -
S-1832-12	Prestressed Concrete 14m SLW-510 Interior Girder	REV -
S-1833-12	Prestressed Concrete 14m SLW-510 Exterior Girder	REV -
S-1834-12	Prestressed Concrete 14m SLW-510 Interior and Exterior Girder Layouts	REV -

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Drawing No.	Drawing Description	Current Revision
S-1835-12	Prestressed Concrete 14m SLW-510 Skewed Girder Reinforcement	REV -
S-1836-12	Prestressed Concrete SLW-510 Details Sheet 1	REV -
S-1837-12	Prestressed Concrete SLW-510 Details Sheet 2	REV -
S-1838-20	Standard Waterproofing System for Deck and Abutments – Sheet 1	REV -
S-1839-20	Standard Waterproofing System for Deck and Abutments – Sheet 2	REV -
S-1840-20	Standard Waterproofing System for Deck and Abutments – Sheet 3	REV -
S-1841-20	Standard Drain Trough for Conventional Abutments	REV -
S-1842-20	Standard Drain Trough for Grade Separation with Integral Abutments	REV -
S-1843-20	Standard Drain Trough for Water Crossing Bridges with Integral Abutments	REV -
S-1845-20	Standard Pedestrian and Bicycle Barrier – Sheet 1	REV -
S-1846-20	Standard Pedestrian and Bicycle Barrier – Sheet 2	REV -
S-1847-20	Standard Identification Plaques and Benchmark Tablets	REV -
S-1848-20	Standard Identification Tags	REV -
S-1850-20	Standard Steel Pile Details	REV -

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Drawing No.	Drawing Description	Current Revision
S-1851-20	Standard Concrete Sealer Surface Treatment for Major Bridges	REV -
S-1852-20	Standard Concrete Sealer Surface Treatment for Standard Bridges	REV -
S-1860-20	Finger Plate Deck Joint Assembly - Sheet 1	REV 2
S-1861-20	Finger Plate Deck Joint Assembly - Sheet 2	REV 2
S-1862-20	Finger Plate Deck Joint Assembly - Sheet 3	REV 1
S-1863-20	Finger Plate Deck Joint Assembly - Sheet 4	REV 1
S-1864-20	Finger Plate Deck Joint Assembly - Sheet 5	REV -
S-1865-20	Finger Plate Deck Joint Assembly - Sheet 6	REV 1