

TABLE OF CONTENTS  
FY 2026-27 STANDARD PLANS FOR BRIDGE CONSTRUCTION

| Standard Plans Index                             | Index Title                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------|
| <b><u>General Construction Operations</u></b>    |                                                                                   |
| <b>Maintenance of Traffic</b>                    |                                                                                   |
| 102-200                                          | Temporary Acrow 300 Series Detour Bridge General Notes & Details                  |
| 102-201                                          | Temporary Acrow 700XS Series Detour Bridge General Notes & Details                |
| 102-210                                          | Temporary Detour Bridge – Timber Pile Backwall Bent                               |
| 102-220                                          | Temporary Detour Bridge – Steel H Pile Backwall Bent                              |
| 102-230                                          | Temporary Detour Bridge – Steel Pipe PileBackwall Bent                            |
| 102-240                                          | Temporary Detour Bridge Thrie – Beam Guardrail                                    |
| <b><u>Structures</u></b>                         |                                                                                   |
| <b>Concrete Structures</b>                       |                                                                                   |
| 400-090                                          | Approach Slabs (Flexible Pavement Approaches)                                     |
| 400-091                                          | Approach Slabs (Rigid Pavement Approaches)                                        |
| 400-289                                          | Concrete Box Culvert Details                                                      |
| 400-291                                          | Precast Concrete Box Culverts Supplemental Details                                |
| 400-292                                          | Standard Precast Concrete Box Culverts                                            |
| 400-510                                          | Composite Elastomeric Bearing Pads – Prestressed Florida-I & AASHTO Type II Beams |
| 415-001                                          | Bar Bending Details (Steel)                                                       |
| 415-010                                          | Bar Bending Details (FRP)                                                         |
| <b>Precast Prestressed Concrete Construction</b> |                                                                                   |
| 450-010                                          | Florida-I Beam – Typical Details and Notes                                        |
| 450-036                                          | Florida-I 36 Beam – Standard Details                                              |
| 450-045                                          | Florida-I 45 Beam – Standard Details                                              |
| 450-054                                          | Florida-I 54 Beam – Standard Details                                              |
| 450-063                                          | Florida-I 63 Beam – Standard Details                                              |
| 450-072                                          | Florida-I 72 Beam – Standard Details                                              |
| 450-078                                          | Florida-I 78 Beam – Standard Details                                              |
| 450-084                                          | Florida-I 84 Beam – Standard Details                                              |
| 450-096                                          | Florida-I 96 Beam – Standard Details                                              |
| 450-120                                          | AASHTO Type II Beam                                                               |
| 450-199                                          | Prestressed I-Beams Build-Up and Deflection Data                                  |
| 450-210                                          | Florida-U Beam – Typical Details and Notes                                        |
| 450-248                                          | Florida-U 48 Beam – Standard Details                                              |
| 450-254                                          | Florida-U 54 Beam – Standard Details                                              |
| 450-263                                          | Florida-U 63 Beam – Standard Details                                              |
| 450-272                                          | Florida-U 72 Beam – Standard Details                                              |
| 450-299                                          | Florida-U Beams Build-up & Deflection Data                                        |
| 450-450                                          | Florida Slab Beam Typical Details & Notes                                         |
| 450-451                                          | 12" Florida Slab Beam                                                             |

| Standard Plans Index                                            | Index Title                                                            |
|-----------------------------------------------------------------|------------------------------------------------------------------------|
| <b><u>Precast Prestressed Concrete Construction (Cont.)</u></b> |                                                                        |
| 450-452                                                         | 15" Florida Slab Beam                                                  |
| 450-453                                                         | 18" Florida Slab Beam                                                  |
| 450-502                                                         | Beveled Bearing Plate Details – Prestressed Florida-U Beams            |
| 450-511                                                         | Bearing Plates (Type I) – Prestressed Florida-I & AASHTO Type II Beams |
| 450-512                                                         | Bearing Plates (Type 2) – Prestressed Florida-I & AASHTO Type II Beams |
| <b><u>Structures Foundations</u></b>                            |                                                                        |
| 455-001                                                         | Square Prestressed Concrete Piles – Typical Details & Notes            |
| 455-002                                                         | Square Prestressed Concrete Pile Splices                               |
| 455-003                                                         | Square Prestressed Concrete Piles – EDC Instrumentation                |
| 455-012                                                         | 12" Square Prestressed Concrete Pile                                   |
| 455-014                                                         | 14" Square Prestressed Concrete Pile                                   |
| 455-018                                                         | 18" Square Prestressed Concrete Pile                                   |
| 455-024                                                         | 24" Square Prestressed Concrete Pile                                   |
| 455-030                                                         | 30" Square Prestressed Concrete Pile                                   |
| 455-031                                                         | 30" Square Prestressed Concrete Pile – High Moment Capacity            |
| 455-054                                                         | 54" Precast/Post-Tensioned Concrete Cylinder Pile                      |
| 455-060                                                         | 60" Prestressed Concrete Cylinder Pile                                 |
| 455-101                                                         | Square CFRP & SS Prestressed Concrete Piles – Typical Details & Notes  |
| 455-102                                                         | Square CFRP & SS Prestressed Concrete Pile Splices                     |
| 455-112                                                         | 12" Square CFRP & SS Prestressed Concrete Pile                         |
| 455-114                                                         | 14" Square CFRP & SS Prestressed Concrete Pile                         |
| 455-118                                                         | 18" Square CFRP & SS Prestressed Concrete Pile                         |
| 455-124                                                         | 24" Square CFRP & SS Prestressed Concrete Pile                         |
| 455-130                                                         | 30" Square CFRP & SS Prestressed Concrete Pile                         |
| 455-154                                                         | 54" Precast/Post-Tensioned CFRP & SS Concrete Cylinder Pile            |
| 455-160                                                         | 60" Prestressed CFRP and SS Concrete Cylinder Pile                     |
| <b><u>Bridge Deck Joints</u></b>                                |                                                                        |
| 458-100                                                         | Expansion Joint System – Strip Seal                                    |
| 458-110                                                         | Expansion Joint System – Poured Joint with Backer Rod                  |
| <b><u>Structural Steel and Miscellaneous Metals</u></b>         |                                                                        |
| 460-250                                                         | Access Hatch Assembly for Steel Box Sections                           |
| 460-251                                                         | Access Hatch Assembly for Concrete Box Sections                        |
| 460-252                                                         | Access Door Assembly for Steel Box Sections                            |
| 460-470                                                         | Traffic Railing – (Thrie Beam Retrofit) Typical Details & Notes        |
| 460-471                                                         | Traffic Railing – (Thrie Beam Retrofit) Narrow Curb                    |
| 460-472                                                         | Traffic Railing – (Thrie Beam Retrofit) Wide Strong Curb Type 1        |
| 460-473                                                         | Traffic Railing – (Thrie Beam Retrofit) Wide Strong Curb Type 2        |

TABLE OF CONTENTS  
FY 2026-27 STANDARD PLANS FOR BRIDGE CONSTRUCTION

| Standard Plans Index                                               | Index Title                                                                            |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>Structural Steel and Miscellaneous Metals (Cont.)</b>           |                                                                                        |
| 460-474                                                            | Traffic Railing - (Thrie Beam Retrofit) Intermediate Curb                              |
| 460-475                                                            | Traffic Railing - (Thrie Beam Retrofit) Wide Curb Type 1                               |
| 460-476                                                            | Traffic Railing - (Thrie Beam Retrofit) Wide Curb Type 2                               |
| 460-477                                                            | Thrie-Beam Panel Retrofit (Concrete Handrail)                                          |
| 460-490                                                            | Traffic Railing - (Rectangular Tube Retrofit)                                          |
| <b>Post-Tensioning</b>                                             |                                                                                        |
| 462-001                                                            | Post-Tensioning Vertical Profiles                                                      |
| 462-002                                                            | Post-Tensioning Anchorage Protection                                                   |
| 462-003                                                            | Post-Tensioning Anchorage and Tendon Filling Details                                   |
| <b>Fiber Reinforced Polymer Fender Systems</b>                     |                                                                                        |
| 471-030                                                            | Fender System - Prestressed Concrete Piles and FRP Wales                               |
| <b><u>Incidental Construction</u></b>                              |                                                                                        |
| <b>Navigation Lights for Fixed Bridges</b>                         |                                                                                        |
| 510-001                                                            | Navigation Light System Details (Fixed Bridges)                                        |
| <b>Metal Pedestrian/Bicycle Railings, Guiderails and Handrails</b> |                                                                                        |
| 515-021                                                            | Pedestrian/Bicycle Bullet Railing for Traffic Railing                                  |
| 515-022                                                            | Pedestrian/Bicycle Bullet Railing Details                                              |
| 515-051                                                            | Bridge Pedestrian/Bicycle Railing (Steel)                                              |
| 515-061                                                            | Bridge Pedestrian/Bicycle Railing (Aluminum)                                           |
| <b>Concrete Barriers, Traffic Railing and Parapets</b>             |                                                                                        |
| 521-404                                                            | Guardrail Transitions - Existing Post & Beam Bridge Railings (Narrow & Recessed Curbs) |
| 521-405                                                            | Guardrail Transitions - Existing Post & Beam Bridge Railings (Wide Curbs)              |
| 521-422                                                            | Traffic Railing - (42" Vertical Shape)                                                 |
| 521-423                                                            | Traffic Railing - (32" Vertical Shape)                                                 |
| 521-426                                                            | Traffic Railing - (Median 36" Single-Slope)                                            |
| 521-427                                                            | Traffic Railing - (36" Single-Slope)                                                   |
| 521-428                                                            | Traffic Railing - (42" Single-Slope)                                                   |
| 521-480                                                            | AASHTO Type II Beam                                                                    |
| 521-481                                                            | Traffic Railing - (Vertical Face Retrofit) Narrow Curb                                 |
| 521-482                                                            | Traffic Railing - (Vertical Face Retrofit) Wide Curb                                   |
| 521-483                                                            | Traffic Railing - (Vertical Face Retrofit) Intermediate Curb                           |
| 521-484                                                            | Traffic Railing - (Vertical Face Retrofit) Spread Footing Approach                     |
| 521-509                                                            | Traffic Railing/Noise Wall (8'-0") - Bridge                                            |
| 521-660                                                            | Light Pole Pedestal - Bridge                                                           |
| 521-820                                                            | 27" Concrete Parapet Pedestrian/Bicycle with Bullet Railing                            |
| 521-825                                                            | 42" Concrete Pedestrian/Bicycle Railing                                                |

| Standard Plans Index                                  | Index Title                             |
|-------------------------------------------------------|-----------------------------------------|
| <b>Fencing - Type R</b>                               |                                         |
| 550-010                                               | Bridge Fencing (Vertical)               |
| 550-011                                               | Bridge Fencing on Parapet (Curved Top)  |
| 550-012                                               | Bridge Fencing (Enclosed)               |
| 550-013                                               | Bridge Fencing on Barrier (Curved Top)) |
| <b><u>Traffic Control Signals and Devices</u></b>     |                                         |
| 630-010                                               | Conduit Details - Embedded              |
| <b><u>Signing, Pavement Markings and Lighting</u></b> |                                         |
| 715-240                                               | Maintenance Lighting for Box Girders    |