

TABLE OF CONTENTS
 FY 2025-26 STANDARD PLANS FOR ROAD CONSTRUCTION

<i>Standard Plans Index</i>	<i>Index Title</i>
<u>Miscellaneous</u>	
000-510	Superelevation Transitions - High Speed Roadways
000-511	Superelevation Transitions - Low Speed Roadways
000-525	Ramp Terminals
<u>General Construction Operations</u>	
Maintenance of Traffic	
102-100	Temporary Barrier
102-110	Type K Temporary Concrete Barrier System
102-120	Low Profile Barrier
102-600	General Information for Traffic Control Through Work Zones
102-601	Two-Lane and Multilane Roadway, Work Beyond Shoulder
102-602	Two-Lane and Multilane, Work on Shoulder
102-603	Two-Lane, Two-Way, Work Within the Travel Way
102-604	Two-Lane, Two-Way, Intersection Work
102-606	Two-Lane Roadway, Lane Closure Using Temporary Traffic Signals
102-607	Mobile Operations
102-608	Two-Lane, Two-Way, Temporary Diversion Connection
102-613	Multilane Roadway, Lane Closures
102-615	Multilane Roadway, Intersection Work
102-620	Multilane Roadway, Temporary Diversion
102-625	Temporary Road Closure
102-628	Two-Way Left-Turn Lanes
102-655	Traffic Pacing
102-660	Sidewalk Closure
102-661	Bicycle Facility Closures
102-665	Limited Access Temporary Opening
102-680	Haul Road Crossing
<u>Clearing Construction Site</u>	
Clearing and Grubbing	
110-100	Tree Protection and Preservation
110-200	Mailboxes
Earthwork and Related Operations	
120-001	Embankment Utilization
120-002	Subsoil Excavation
125-001	Utility Adjustments thru Existing Pavement
141-T01	Settlement Plate
160-001	Miscellaneous Earthwork Details

<i>Standard Plans Index</i>	<i>Index Title</i>
<u>Bituminous Treatments, Surface Courses, and Concrete Pavement</u>	
Concrete Pavement	
330-001	Paved and Graded Driveways
350-001	Concrete Pavement Joints
353-001	Concrete Slab Replacement
370-001	Bridge Approach Expansion Joint - Concrete Pavement with Special Select Soil Base
<u>Structures</u>	
Concrete Structures	
400-010	Cantilever Retaining Wall (C-I-P)
400-011	Gravity Wall
400-021	Concrete Steps
Inlets, Manholes and Junction Boxes	
425-001	Supplementary Details for Manholes and Inlets
425-010	Structure Bottoms - Type J and P
425-020	Curb Inlet Tops - Types 1, 2, 3 and 4
425-021	Curb Inlet Tops - Types 5 and 6
425-022	Curb Inlet - Type 7
425-023	Curb Inlet - Type 8
425-024	Curb Inlet Top - Type 9
425-025	Curb Inlet Top - Type 10
425-030	Median Barrier Inlets Types 1 and 2
425-031	Adjacent Barrier Inlet
425-032	Curb and Gutter Barrier Inlet
425-040	Gutter Inlet - Type S
425-041	Gutter Inlet - Type V
425-050	Ditch Bottom Inlet - Type A
425-051	Ditch Bottom Inlet - Type B
425-052	Ditch Bottom Inlets - Types C, D, E and H
425-053	Ditch Bottom Inlets - Types F and G
425-054	Ditch Bottom Inlet - Type J
425-055	Ditch Bottom Inlet - Type K
425-060	Back of Sidewalk Drainage
425-061	Closed Flume Inlet
425-070	Skimmer for Outlet Control Structures
425-080	Utility Conflicts thru Drainage Structures
425-090	Safety Modifications for Inlets In Box Culverts

TABLE OF CONTENTS
 FY 2025-26 STANDARD PLANS FOR ROAD CONSTRUCTION

Standard Plans Index	Index Title	Standard Plans Index	Index Title
Pipe Culverts – End Treatments		Concrete Barriers, Traffic Railings, and Parapets	
430-001	Miscellaneous Drainage Details	521-001	Concrete Barrier
430-010	U-Type Concrete Endwalls With Grates – 15" to 30" Pipe	521-002	Pier Protection Barrier
430-011	U-Type Concrete Endwalls – Baffles and Grate Optional – 15" to 30" Pipe	521-005	Concrete Barrier at Toll Sites
430-012	U-Type Concrete Endwall – Energy Dissipator – 30" to 72" Pipe	521-010	Opaque Visual Barrier
430-020	Flared End Section	521-510	Concrete Barrier/Noise Wall (8'-0")
430-021	Cross Drain Mitered End Section	521-511	Concrete Barrier/Noise Wall (14'-0")
430-022	Side Drain Mitered End Section	521-512	Concrete Barrier/Noise Wall-Junction Slab
430-030	Straight Concrete Endwalls – Single and Multiple Pipe	521-513	Concrete Barrier/Noise Wall T-Shaped Spread Footing
430-031	Straight Concrete Endwalls – Single and Double 60" Pipe	521-514	Concrete Barrier/Noise Wall L-Shaped Spread Footing
430-032	Straight Concrete Endwalls – Single and Double 66" Pipe	521-515	Concrete Barrier/Noise Wall Trench Footing
430-033	Straight Concrete Endwalls – Single and Double 72" Pipe	521-600	MSE Wall Coping (Precast or C-I-P)
430-034	Straight Concrete Endwalls – Single 84" Pipe	521-610	Concrete Barrier/Junction Slab – Wall Coping
430-040	Winged Concrete Endwalls	521-611	Concrete Barrier/Junction Slab-Wall Coping (FRP)
430-090	Safety Modifications for Endwalls	521-620	Concrete Barrier/Raised Sidewalk – Wall Coping
Structures – Miscellaneous Drainage		521-630	Parapet with C-I-P Sidewalk – Wall Coping
436-001	Trench Drain	521-640	Drainage Inlet Openings in Junction Slab – Wall Coping
440-001	Underdrain	521-650	Light Pole Pedestal – Wall Coping
440-002	Underdrain Inspection Box	Concrete Sidewalk and Driveways	
443-001	French Drain	522-001	Concrete Sidewalk
443-002	Skimmers for French Drain Outlets	522-002	Detectable Warnings and Sidewalk Curb Ramps
444-T01	Deep Well Injection Box	522-003	Concrete Flared Driveways
446-001	Concrete Pavement Subdrainage	Ditch and Slope Pavement	
Structures Foundations – Sheet Pile Wall		524-001	Ditch Pavement and Sodding
455-400	Precast Concrete Sheet Pile Wall (Conventional)	Noise and Perimeter Walls	
455-440	Precast Concrete Sheet Pile Wall (CFRP/GFRP & HSSS/GFRP)	534-200	Noise Walls (Precast)
Incidental Construction		534-250	Perimeter Walls
Miscellaneous		Guardrail	
508-T01	Traffic Control Devices for Movable Span Bridge Signals	536-001	Guardrail
509-070	Railroad Grade Crossing Traffic Control Devices	536-002	Guardrail Transitions and Connections for Existing Bridges
509-100	Advance Warning for R/R Crossing	Crash Cushions	
Metal Pedestrian/Bicycle Railings, Guiderails and Handrails		544-001	Crash Cushion Transition Details
515-052	Pedestrian/Bicycle Railing (Steel)	Rumble Strips	
515-062	Pedestrian/Bicycle Railing (Aluminum)	546-001	Raised Rumble Strips
515-070	Pipe Guiderail (Aluminum)	546-010	Ground-In Rumble Strips
515-080	Pipe Guiderail (Steel)	Retaining Wall Systems	
Concrete Gutter, Curb Elements and Traffic Separator		548-020	MSE Retaining Wall Systems – Permanent
520-001	Curb and Gutter	548-030	MSE Retaining Wall Systems – Temporary
520-005	Concrete Shoulder Gutter Spillway	Fencing	
520-010	Median Opening Flume	550-001	Fence – Type A
520-020	Traffic Separators	550-002	Fence – Type B
		550-003	Cantilever Slide Gate – Type B Fence

TABLE OF CONTENTS
 FY 2025-26 STANDARD PLANS FOR ROAD CONSTRUCTION

Standard Plans Index	Index Title
Fencing (Cont.)	
550-004	Fence Location
Performance Turf	
570-001	Permanent Erosion Control
570-010	Shoulder Sodding and Turf on Existing Facilities
Landscape	
580-001	Landscape Installation
Traffic Control Signals and Devices	
630-001	Conduit Installation Details
634-001	Signal Cable and Span Wire Installation Details
634-002	Aerial Interconnect
635-001	Pull and Splice Boxes
635-005	Fiber Optic Splice Vault
639-001	Service Point Details
639-002	Electric Power Service
641-010	Concrete Poles
641-020	Concrete CCTV Pole
646-001	Aluminum Post and Pedestal Mounted Pedestrian Detectors and Signals
649-010	Steel Strain Pole
649-020	Steel CCTV Pole
649-030	Standard Mast Arm Assemblies
649-031	Mast Arm Assemblies
653-001	Pedestrian Control Signal Installation Details
654-001	Rectangular Rapid Flashing Beacon Assembly
659-010	Span Wire Mounted Sign Details
659-020	Camera Mounting Details
660-001	Vehicle Loop Installation Details
665-001	Pedestrian Detector Assembly Installation Details
671-001	Standard Signal Operating Plans
676-010	Cabinet Installation Details
695-001	Traffic Monitoring Site
Signing, Pavement Markings and Lighting	
Highway Signing	
700-010	Single Column Ground Signs
700-011	Single Column Cantilever Ground Mounted Sign
700-012	Single Post Sign Support Barrier Side-Mounted
700-013	Single Post Sign Support Barrier Top-Mounted
700-020	Multi-Column Ground Sign
700-030	Wind and Hanger Beams for Overhead Signs
700-031	External Lighting for Signs

Standard Plans Index	Index Title
Highway Signing (Cont.)	
700-040	Cantilever Sign Structure
700-041	Span Sign Structure
700-050	Free-Swinging, Internally-Illuminated Street Sign Assemblies
700-090	Dynamic Message Sign Walk-In
700-091	Catwalk Details
700-101	Typical Sections for Placement of Single and Multi-Column Signs
700-102	Special Sign Details
700-104	Signing for Motorist Services
700-105	Welcome Center Signing
700-106	Rural Narrow Bridge Treatment
700-107	Bridge Weight Restrictions
700-108	Typical Signing for Truck Weigh and Inspection Stations
700-110	Mounting Exit Number Panels to Signs
700-120	Enhanced Highway Signing Assemblies
Pavement Markings	
706-001	Typical Placement of Raised Pavement Markers
711-001	Pavement Markings
711-002	Bicycle Markings
711-003	Interchange Markings
Highway Lighting Systems	
715-001	Conventional Lighting
715-002	Standard Aluminum Lighting
715-003	Utility Conflict Pole
715-010	High Mast Lighting
Railroad Crossing	
830-T01	Railroad (Grade) Crossings