STD. NO.	STANDARD DRAWING TITLES
	DIVISION 1 - GENERAL REQUIREMENTS
	No Roadway Standard Drawings for this section.
	DIVISION 2 - EARTHWORK
200.02	Method of Clearing - Method II
200.03	Method of Clearing - Method III
225.01	Guide for Grading Subgrade - Interstate and Freeway
225.02	Guide for Grading Subgrade - Secondary and Local
225.03	Deceleration and Acceleration Lanes
225.04	Method of Obtaining Superelevation - Two Lane Pavement
225.05	Method of Obtaining Superelevation - Divided Highways
225.06	Method of Grading Sight Distance at Intersections
225.07	Grading for False Cut at Grade Separations
225.08	Earth Berm Median Pier Protection
225.09	Guide for Shoulder and Ditch Transition at Grade Separations
235.01	Embankment Monitoring
240.01	Guide for Berm Ditch Construction
275.01	Rock Plating
	DIVISION 3 - PIPE CULVERTS
300.01	Method of Pipe Installation
310.02	Parallel Pipe End Section - Precast Concrete Section for 15" to 24" Pipe
310.03	Cross Pipe End Section - Precast Concrete Section for 18 $^{\prime\prime}$ to 30 $^{\prime\prime}$ Pipe
	Sheet 1 of 15

STD. NO.	STANDARD DRAWING TITLES
310.04	Parallel Pipe End Section - Prefabricated Steel Section for 15 $^{\prime\prime}$ to 24 $^{\prime\prime}$ Pipe
310.05	Cross Pipe End Section - Prefabricated Steel Section for 18 $^{\prime\prime}$ to 30 $^{\prime\prime}$ Pipe
310.10	Driveway Pipe Construction
	DIVISION 6 - ASPHALT BASES AND PAVEMENTS
422.01	Bridge Approach Fills - Type I Standard Approach Fill
422.02	Bridge Approach Fills - Type II Modified Approach Fill
422.03	Reinforced Bridge Approach Fills Type A Alternate Approach Fill for Integral Abutment
	DIVISION 5 - SUBGRADE, BASES AND SHOULDERS
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
560.02	Method of Shoulder Construction - High Side of Superelevated Curve - Method II
	DIVISION 6 - ASPHALT BASES AND PAVEMENTS
610.01	Guide for Paving Shoulders Under Bridges - Method I
610.02	Guide for Paving Shoulders Under Bridges - Method II
610.03	Guide for Paving Shoulders Under Bridges - Method III
610.04	Guide for Paving Shoulders Under Bridges - Method IV
654.01	Pavement Repairs
665.01	Asphalt Shoulders - Milled Rumble Strips
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STD. NO.	STANDARD DRAWING TITLES
	DIVISION 7 - CONCRETE PAVEMENTS AND SHOULDERS
700.01	Concrete Pavement Joints - Construction and Contraction Joints
700.02	Expansion Joint Layout - for Rigid Doweled Pavement at Bridges
700.03	Dowel Assembly
700.04	Concrete Pavement Header Board
700.05	Tying Proposed Pavement to Existing Pavement
710.01	Concrete Pavement - Station Marking
720.01	Concrete Shoulders - Stamped or Rolled Rumble Strips, Milled Rumble Strips
	DIVISION 8 - INCIDENTALS
806.01	Concrete Right-of-Way Marker
806.02	Granite Right-of-Way Marker
806.03	Concrete Control-of-Access Marker
815.02	Subsurface Drain
815.03	Pipe Underdrain and Blind Drain
816.01	Concrete Pads - for Shoulder Drain Installation
816.02	Aggregate Shoulder Drain
816.03	Geocomposite Shoulder Drain
816.04	Markers for Drainage Structure and Concrete Pad
820.01	Funnel and Funnel Drain - 12" Metal Funnel
838.01	Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90° Skew
838.02	Concrete Endwall and Sluice Gate - 15" thru 36" Pipe 90° Skew
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STD. NO.	STANDARD DRAWING TITLES
838.04	Conc. Endwall for Single & Double Pipe Culverts - 17"x13" thru 71"x47" Arch 90° Skew
838.05	Concrete 'L' Endwall for Single Pipe Culverts - 15" thru 48" Pipe
838.06	Concrete 'L' Endwall for Single Pipe Culverts - 17"x13" thru 71"x47" Pipe Arch
838.07	Conc. Endwall for Single & Double Pipe Culvrts - 40"x31" thru 66"x51" Arch 90° Skew
838.08	Concrete 'L' Endwall for Single Pipe Culverts - 40"x31" thru 66"x51" Pipe Arch
838.10	Concrete Endwall for Outfall - 4", 6" or 8" Pipe
838.11	Brick Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90° Skew
838.14	Brick Endwall for Single & Double Pipe Culverts - 17"x13" thru 71"x47" Arch 90° Skew
838.15	Brick `L' Endwall for Single Pipe Culverts - 15" thru 48" Pipe
838.16	Brick `L' Endwall for Single Pipe Culverts - 17"x13" thru 71"x47" Pipe Arch
838.17	Brick Endwall for Single & Double Pipe Culverts - 40"x31" thru 66"x51" Arch 90° Skew
838.18	Brick Endwall for Single Pipe Culverts - 40"x31" thru 66"x51" Pipe Arch
838.20	Brick Endwall for Outfall - 4", 6" or 8" Pipe
838.21	Reinforced Concrete Endwall - for Single 54" Pipe 90° Skew
838.22	Reinforced Concrete Endwall - for Double and Triple 54" Pipes 90° Skew
838.27	Reinforced Concrete Endwall - for Single 60" Pipe 90° Skew
838.28	Reinforced Concrete Endwall - for Double and Triple 60" Pipes 90° Skew
838.33	Reinforced Concrete Endwall - for Single 66" Pipe 90° Skew
838.34	Reinforced Concrete Endwall - for Double and Triple 66" Pipes 90° Skew
838.39	Reinforced Concrete Endwall - for Single 72" Pipe 90° Skew
838.40	Reinforced Concrete Endwall - for Double and Triple 72" Pipes 90° Skew
838.45	Notes for Reinforced Concrete Endwall - Std. Dwg.s 838.21 thru 838.40 Sheet 4 of 15

STD. NO.	STANDARD DRAWING TITLES
838.51	Reinforced Brick Endwall - for Single 54" Pipe 90° Skew
838.52	Reinforced Brick Endwall - for Double and Triple 54" Pipes 90° Skew
838.57	Reinforced Brick Endwall - for Single 60" Pipe 90° Skew
838.58	Reinforced Brick Endwall - for Double and Triple 60" Pipes 90° Skew
838.63	Reinforced Brick Endwall - for Single 66" Pipe 90° Skew
838.64	Reinforced Brick Endwall - for Double and Triple 66 $^{\prime\prime}$ Pipes 90 $^\circ$ Skew
838.69	Reinforced Brick Endwall - for Single 72" Pipe 90° Skew
838.70	Reinforced Brick Endwall - for Double and Triple 72" Pipes 90° Skew
838.75	Notes for Reinforced Brick Endwall - Std. Dwg.s 838.51 thru 838.70
838.80	Precast Endwalls - 12" thru 72" Pipe 90° Skew
840.00	Concrete Base Pad for Drainage Structures
840.01	Brick Catch Basin - 12" thru 54" Pipe
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin
840.04	Concrete Open Throat Catch Basin - 12" thru 48" Pipe
840.05	Brick Open Throat Catch Basin - 12" thru 48" Pipe
840.13	Concrete Bridge Approach Drop Inlet - 12" thru 24" Pipe
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.15	Brick Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg.s 840.14 and 840.15
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STD. NO.	STANDARD DRAWING TITLES
840.17	Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.19	Concrete Grated Drop Inlet Type 'D' - 12" thru 36" Pipe
840.20	Frames and Wide Slot Flat Grates
840.22	Frames and Wide Slot Sag Grates
840.24	Frames and Narrow Slot Sag Grates
840.25	Anchorage for Frames - Brick, Concrete or Precast
840.26	Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe
840.27	Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.28	Brick Grated Drop Inlet Type 'D' - 12" thru 36" Pipe
840.29	Frames and Narrow Slot Flat Grates
840.30	Driveway Drop Inlet
840.31	Concrete Junction Box - 12" thru 66" Pipe
840.32	Brick Junction Box - 12" thru 66" Pipe
840.33	Angled Vane Grates and Frames
840.34	Traffic Bearing Junction Box - for Use with Pipes 42 $^{\prime\prime}$ and Under
840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates
840.36	Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates
840.37	Steel Grate and Frame
840.41	Spring Box - Concrete or Brick
840.45	Precast Drainage Structure
840.46	Traffic Bearing Precast Drainage Structure
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STD. NO.	STANDARD DRAWING TITLES
840.51	Brick Manhole - 12" thru 36" Pipe
840.52	Precast Manhole - 4', 5' and 6' Diameter
840.53	Precast Manhole with Masonry Base - 12" thru 42" Pipe
840.54	Manhole Frame and Cover
840.66	Drainage Structure Steps
840.71	Concrete and Brick Pipe Plug
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
846.02	Drop Inlet Installation in Expressway Gutter
846.03	Funnel Drain Installation in Shoulder Berm Gutter
846.04	Drop Inlet Installation in Shoulder Berm Gutter
848.01	Concrete Sidewalk
848.02	Driveway Turnout - Radius Type
848.03	Driveway Turnout - Drop Curb Type
848.04	Street Turnout
848.05	Curb Ramp - Proposed Curb and Gutter
848.06	Curb Ramp - Existing Curb and Gutter
850.01	Concrete Paved Ditches
850.10	Guide for Berm Drainage Outlet - 15 $^{\prime\prime}$ and 18 $^{\prime\prime}$ Pipe
850.11	Guide for Berm Drainage Outlet - $24^{\prime\prime}$ and $30^{\prime\prime}$ Pipe
	Sheet 7 of 15

STD. NO.	STANDARD DRAWING TITLES
852.01	Concrete Islands
852.02	Concrete Mountable Median - for Use with Rigid or Flexible Pavement
852.04	Method for Placement of Drop Inlets in Grassed Median - Using 1^\prime - $6^{\prime\prime}$ Curb and Gutter
852.05	Median Curb for Catch Basin - for Use with $1^\prime\text{-}6^{\prime\prime}$ Curb and Gutter
852.06	Method for Placement of Drop Inlets in Concrete Islands
852.10	Median Construction - with Curb and Gutter
854.01	Double Faced Concrete Barrier - Types I, II, III and IV
854.02	Double Faced Concrete Barrier - Types 'T', 'T1' and 'T2'
854.04	Concrete Median Barrier - Precast Permanent
854.05	Concrete Median Transition Barrier - Location of Overhead Assembly
857.01	Precast Reinforced Concrete Barrier - 41" Single Faced
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
862.04	Anchoring End of Guardrail - B-77 and B-83 Anchor Units
865.01	Cable Guiderail
866.01	Chain Link Fence - 4', 5' and 6' High Fence
866.02	Woven Wire Fence - with Wood Post
866.03	Woven Wire Fence - with Steel Post
866.04	Barbed Wire Fence - with Wood Posts (2 - 7 Strands)
866.05	Glare Screen - Chain Link Fabric/Guardrail Mounted
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STD. NO.	STANDARD DRAWING TITLES
876.01	Rip Rap in Channels
876.02	Guide for Rip Rap at Pipe Outlets
876.03	Drainage Ditches with Class 'A' Rip Rap
876.04	Drainage Ditches with Class 'B' Rip Rap
	DIVISION 9 - SIGNING
901.10	Type 'A' Signs - Welded Stud Construction
901.20	Type 'B' Signs - Welded Stud Construction
901.50	Arrows and Shields
901.60	Rivet Spacing for Overlayed Signs
901.70	Sign Stringers and Support Spacing
901.80	Sign Mounting Details - Type ${}^{\prime} A^{\prime}$ and ${}^{\prime} B^{\prime}$ Signs
903.10	Ground Mounted Sign Supports
903.20	Wood Sign Post
903.30	Barrier Sign Support Assembly
903.40	Median Barrier Sign Support and Anchorage
904.10	Orientation of Ground Mounted Signs
904.20	Secondary Sign Mounting
904.30	Supplemental Sign Mounting
904.40	Milepost and Placement
904.50	Mounting of Type 'D', 'E' and 'F' Signs on 'U' Channel Posts
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STD. NO.	STANDARD DRAWING TITLES
910.10	Highway-Rail Grade Crossings
910.20	Signing School Zone
910.30	Signing for Superstreets
910.40	Signing for Roundabouts
910.50	Signing for Speed Reduction Zones
	DIVISION 10 - MATERIALS
	No Roadway Standard Drawings for this section.
	DIVISION 11 - WORK ZONE TRAFFIC CONTROL
1101.01	Work Zone Advance Warning Signs
1101.02	Temporary Lane Closures
1101.03	Temporary Road Closures
1101.04	Temporary Shoulder Closures
1101.05	Work Zone Vehicle Accesses
1101.06	Warning Signs for Blasting Zones
1101.11	Traffic Control Design Tables
1110.01	Stationary Work Zone Signs
1110.02	Portable Work Zone Signs
1115.01	Flashing Arrow Boards
1130.01	Drum
1135.01	Cones
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STD. NO.	STANDARD DRAWING TITLES
1145.01	Barricades - Type III
1150.01	Flagging Devices
1160.01	Temporary Crash Cushion - Reflective End Treatment
1165.01	Truck Mounted Attenuator - Delineation
1170.01	Positive Protection - Portable Concrete Barrier
1180.01	Skinny Drum
	DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION
1205.01	Pavement Markings - Line Types and Offsets
1205.02	Pavement Markings - Divided and Undivided Roadways
1205.03	Pavement Markings - Interchanges
1205.04	Pavement Markings - Intersections
1205.05	Pavement Markings - Turn Lanes
1205.06	Pavement Markings - Thru Lane Drops
1205.07	Pavement Markings - Pedestrian Crosswalks
1205.08	Pavement Markings - Symbols and Word Messages
1205.09	Pavement Markings - Painted Islands
1205.10	Pavement Markings - School Areas
1205.11	Pavement Markings - Railroad Crossings
1205.12	Pavement Markings - Bridges
1205.13	Pavement Markings - New Interchanges and Intersections
1205.14	Pavement Markings - Roundabouts
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STD. NO.	STANDARD DRAWING TITLES
1250.01	Pavement Marker Spacing
1251.01	Raised Pavement Markers - Permanent and Temporary
1253.01	Snowplowable Raised Pavement Markers
1261.01	Guardrail and Barrier Delineator Spacing
1261.02	Guardrail and Barrier Delineator Types
1262.01	Guardrail End Delineation
1264.01	Object Markers
1264.02	Placement of Object Markers
1266.01	Raised Pavement Markers
1267.01	Flexible Delineator Installation
1267.02	Flexible Delineator Spacing
1267.03	Flexible Delineator - Interchanges
	DIVISION 14 - LIGHTING
1401.01	High Mount Standard
1402.01	High Mount Foundation
1403.01	High Mount Luminaires
1404.01	Light Standards
1405.01	Standard Foundation
1406.01	Light Standard Luminaires
1407.01	Electric Service Pole and Lateral
1408.01	Light Control System
1409.01	Electrical Duct
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STD. NO.	STANDARD DRAWING TITLES
1410.01	Feeder Circuits
1411.01	Electrical Junction Boxes
1412.01	Underpass Lighting
	DIVISION 15 - UTILITIES
1515.01	Water Meter
1515.02	Fire Hydrant
1520.01	Sewer Clean Out
1525.02	Precast Sanitary Sewer Manholes - Outside Drop
1525.06	Precast Sanitary Sewer Manholes - with Cast in Place Bottom
	DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT
1604.01	Railroad Erosion Control
1605.01	Temporary Silt Fence
1606.01	Special Sediment Control Fence
1607.01	Gravel Construction Entrance
1622.01	Guide for Temporary Berms and Slope Drains
1630.01	Riser Basin
1630.02	Silt Basin Type B
1630.03	Temporary Silt Ditch
1630.04	Stilling Basin For Pumped Effluent
1630.05	Temporary Diversion
1630.06	Special Stilling Basin
1631.01	Matting Installation
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STD. NO.	STANDARD DRAWING TITLES
1632.01	Rock Inlet Sediment Trap Type A
1632.02	Rock Inlet Sediment Trap Type B
1632.03	Rock Inlet Sediment Trap Type C
1633.01	Temporary Rock Silt Check Type A
1633.02	Temporary Rock Silt Check Type B
1634.01	Temporary Rock Sediment Dam Type A
1634.02	Temporary Rock Sediment Dam Type B
1635.01	Rock Pipe Inlet Sediment Trap Type A
1635.02	Rock Pipe Inlet Sediment Trap Type B
1640.01	Coir Fiber Baffle
1645.01	Temporary Stream Crossing
	DIVISION 17 - Signals and Traffic Management Systems
1700.01	Electrical Service Options
1700.02	Electrical Service Grounding
1705.01	Signal Heads - Vehicular Signal Heads
1705.02	Signal Heads - Pedestrian Assemblies
1705.03	Signal Heads - Wire Color Conventions
1705.04	Signal Heads - Pedestrian Pushbutton Location
1715.01	Underground Conduit - Trenching
1716.01	Junction Boxes
1720.01	Wood Poles
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STD. NO.	STANDARD DRAWING TITLES
1721.01	Guy Assemblies
1725.01	Inductive Detection Loops
1730.01	Fiber-Optic Cable - Spare Cable Storage
1736.01	Spread Spectrum Radio
1743.01	Pedestals
1743.02	Pedestals - Normal Duty Type II
1743.03	Pedestals - Heavy Duty Type III
1743.04	Pedestals - Foundations
1751.01	Controllers and Cabinets - Cabinet Component Layout
1751.02	Controllers and Cabinets - Power, Ground and Auxiliary
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