

Barriers

NO.	DATE	TITLE
Concrete Barriers		
BA-100	10-18-22	44" Concrete Median Barrier (Full Section)
BA-101	10-18-22	44" Concrete Median Barrier Width Transition
BA-102	10-18-22	44" Concrete Barrier (Half Section)
BA-103	10-18-22	34" Concrete Barrier (Half Section)
BA-104	10-18-22	34" Concrete Barrier for use with Reinforced Paved Shoulder
BA-105	10-18-22	34" to 44" Concrete Barrier Transition Section
BA-106	10-17-23	Reinforced Paved Shoulder for Concrete Barrier
BA-107	10-18-22	Concrete Barrier End Section
BA-108	10-18-22	Concrete Barrier Tapered End Section
BA-110	10-18-22	Concrete Barrier 34" Single Slope to 34" F-Shape (Half Section)
BA-111	04-18-23	Concrete Barrier 44" Single Slope to 44" F-Shape (Full Section)
BA-112	10-15-24	Concrete Barrier 44" Single Slope to 44" F-Shape (Half Section)
BA-150	10-18-22	Side Obstacle Protection with Concrete Barrier and Guardrail
Steel Beam Guardrail		
BA-200	04-15-25	Steel Beam Guardrail Components
BA-201	10-18-22	Steel Beam Guardrail Barrier Transition Section (MASH TL-3)
BA-202	04-15-25	Steel Beam Guardrail Bolted End Anchor
BA-203	10-15-19	Steel Beam Guardrail W-Beam End Anchor
BA-204	10-18-22	Steel Beam Guardrail Thrie-Beam End Anchor
BA-205	10-17-23	Steel Beam Guardrail Tangent End Terminal (MASH TL-3)
BA-206	10-19-21	Steel Beam Guardrail Flared End Terminal For Cable Connection
BA-209	10-15-24	Steel Beam Guardrail Barrier Transition Section (MASH TL-3, 34" mounting height)
BA-210	10-19-21	Guardrail Post Adaptor Unit
BA-211	04-15-25	Steel Beam Guardrail Long - Span System for Post Conflicts
BA-221	10-18-22	Steel Beam Guardrail Barrier Transition Section (MASH TL-2)
BA-225	10-17-23	Steel Beam Guardrail Tangent End Terminal (MASH TL-2)
BA-250	10-21-25	Steel Beam Guardrail Installation at Concrete Barrier or Bridge End Post (MASH TL-3)

Barriers

NO.	DATE	TITLE
BA-251	10-21-25	Steel Beam Guardrail Installation at Side Object (Two-Way Protection)
BA-252	10-21-25	Steel Beam Guardrail Installation at Side Object (One-Way Protection)
BA-253	10-18-22	Steel Beam Guardrail Installation at Railroad Signal
BA-260	10-21-25	Steel Beam Guardrail Installation at Concrete Barrier or Bridge End Post (MASH TL-2)
		Cable Guardrail
BA-351	10-19-21	High Tension Cable Guardrail
		Temporary Barrier Rails
BA-401	04-20-21	Temporary Barrier Rail (Precast Concrete)
		Crash Cushions
BA-500	04-20-21	Temporary Crash Cushions Sand Barrel

Bridge Approach

NO.	DATE	TITLE
BR-101	10-21-25	Bridge Approach Section (General Details)
BR-102	10-15-24	Bridge Approach Section (Two-Lane, Abutting PCC Pavement)
BR-103	10-15-24	Bridge Approach Section (Two-Lane for Bridge Reconstruction, PCC Pavement)
BR-104	10-15-24	Bridge Approach Section (at Existing Bridges, PCC Pavement)
BR-105	10-15-24	Bridge Approach Section (Two-Lane, HMA Pavement)
BR-106	10-15-24	Bridge Approach Section (Two-Lane for Bridge Reconstruction, HMA Pavement)
BR-107	10-15-24	Bridge Approach Section (at Existing Bridges, HMA Pavement)
BR-110	10-15-24	PCC Overlay of Bridge Approach Section
BR-112	10-15-24	Bridge Approach Details (in Conjunction with Bridge Deck Overlay)
BR-121	10-15-24	Bridge Approach Details (Secondary Roads)
BR-201	10-21-25	Double Reinforced 10" Approach
BR-202	10-21-25	Double Reinforced 10" Approach with Variable Depth Paving Notch
BR-203	10-21-25	Double Reinforced 12" Approach
BR-204	10-21-25	Double Reinforced 12" Approach with Variable Depth Paving Notch
BR-205	10-21-25	Double Reinforced 12" Approach (Slab Bridge)
BR-211	10-21-25	Bridge Approach (Abutting PCC or Composite Pavement)
BR-212	10-21-25	Bridge Approach (Abutting HMA Pavement)
BR-213	10-19-21	Bridge Approach (Abutting Pavement)
BR-231	10-21-25	Bridge Approach (Multi-Lane, Curbed Roadway)
BR-241	10-21-25	Double Reinforced 10" Approach On Gravel Roads

Drainage

NO.	DATE	TITLE
DR-101	04-18-17	Pipe Culvert (Bedding and Backfill)
DR-102	04-21-15	Pipe Culvert (Cover and Camber)
DR-103	04-21-15	Pipe Culvert (Installation Details)
DR-104	04-19-16	Depth of Cover Tables for Concrete and Corrugated Pipe
DR-111	04-17-18	Box Culvert (Backfill)
DR-121	04-18-23	Connected Pipe Joints
DR-122	10-18-16	Construction of Type "C" Concrete Adaptors for Pipe Culvert Connections
DR-141	04-18-17	Pipe Bends
DR-142	10-19-21	Culvert Pipe Tee Sections
DR-201	10-17-23	Concrete Aprons
DR-202	10-17-23	Low Clearance Concrete Pipe Aprons
DR-203	04-21-20	Metal Pipe Aprons and Beveled Ends
DR-204	04-21-20	Metal Arch Aprons (for Corrugated Metal Pipe)
DR-205	10-17-23	Concrete Apron with End Wall
DR-206	10-17-23	Low Clearance Concrete Pipe Apron With End Wall
DR-211	04-21-20	Metal Safety Slope Apron 6:1 Slope
DR-212	04-21-20	Beveled Pipe and Guard
DR-213	10-18-22	Pipe Apron Guard
DR-301	04-19-22	Subdrains for Fill or Foundation Drainage (Standard)
DR-302	04-18-23	Subdrains Standard (Farm Tile Replacement)
DR-303	10-17-17	Subdrains (Longitudinal)
DR-305	04-19-22	Subdrain Outlets (Standard Subdrain, Pressure Release and Special)
DR-306	10-17-23	Precast Concrete Headwall for Subdrain Outlets
DR-401	04-16-24	Scour Protection for Bridge End Drain
DR-402	04-16-24	Rock Flume for Bridge End Drain
DR-501	04-17-18	Corrugated Metal Type "A" Diaphragm
DR-502	10-21-25	Slotted Drain for Median Crossovers
DR-503	04-21-20	Safety Grates for Box Culverts

Drainage

NO.	DATE	TITLE
DR-504	04-21-20	Diagonal Placed Drain for Median Crossovers
DR-601	04-18-17	Reinforced Concrete Pipe Culvert
DR-602	04-18-17	Reinforced Concrete Pipe Culvert with Tees
DR-611	04-18-17	Reinforced Concrete Pipe Culvert Letdown Structure
DR-612	04-18-17	Apron Tee Inlet
DR-613	04-17-18	Concrete Pipe with "D" Section
DR-621	04-18-17	Pipe Extension
DR-622	10-17-17	Pipe Extension Horizontal Bend One or Both Ends
DR-625	04-18-17	Pipe Extension Letdown Structure with Metal Apron
DR-626	10-15-19	Pipe Extension - Adding Lanes
DR-627	10-15-19	Pipe Extension Horizontal Bend - Adding Lanes
DR-628	10-15-19	Pipe Extension Both Ends Horizontal Bend (Optional) - Adding Lanes
DR-629	04-18-17	Pipe Extension Letdown Structure Horizontal Bend (Optional) - Adding Lanes
DR-631	04-18-17	Corrugated Pipe Culvert Letdown Structure with Single Elbow
DR-632	04-18-17	Corrugated Pipe Culvert Letdown Structure with Double Elbow
DR-641	04-21-20	Concrete/Corrugated Pipe Culvert Letdown Structure with Metal Apron
DR-642	04-18-17	Apron Pipe Tee Inlet
DR-651	04-18-17	Unclassified Pipe Culvert
DR-652	04-18-17	Unclassified Letdown Structure Single Elbow
DR-653	04-18-17	Unclassified Roadway Letdown Pipe with Metal Apron

Erosion Control

NO.	DATE	TITLE
EC-101	04-19-16	Wood Excelsior Mat for Ditch Protection
EC-102	04-21-15	Sod for Ditch Protection
EC-103	04-21-15	Wood Excelsior Mat for Slope Protection
EC-104	04-17-18	Turf Reinforced Mat (TRM)
EC-105	04-17-18	Transition Mat (TM)
EC-201	04-20-21	Silt Fence
EC-202	10-21-14	Floating Silt Curtain
EC-204	10-19-21	Perimeter, Slope and Ditch Check Sediment Control Devices
EC-301	10-18-22	Rock Erosion Control (REC)
EC-302	10-18-22	Rock Check Dam
EC-303	10-19-21	Stabilized Construction Entrance
EC-501	04-21-15	Trees and Shrubs
EC-502	04-21-15	Seeding in Rural Areas
EC-601	10-16-18	Temporary Sediment Control Basin
EC-602	10-15-24	Open-Throat Curb Intake Sediment Filter
EC-603	10-17-23	Erosion Control for Intake or Manhole Well
EC-604	10-17-23	Grate Intake Sediment Filter Bag

Earthwork

SECTION EW

NO.	DATE	TITLE
Embankments		
EW-101	10-17-17	Embankment and Rebuilding Embankments
EW-102	10-20-15	Allowable Placement of Unsuitable Soil in Embankments
EW-105	04-21-15	Reshaping Slopes and Ditches
EW-110	10-20-15	Ditch Blocks and Dikes
Grading at Bridges		
EW-201	04-19-16	Bridge Berm Grading without Recoverable Slope (Barnroof Section)
EW-202	04-19-16	Bridge Berm Grading without Recoverable Slope (Non-Barnroof Section)
EW-203	10-20-20	Bridge Berm Grading with Recoverable Slope (Non-Barnroof Section)
EW-204	10-20-20	Bridge Berm Grading with Recoverable Slope (Barnroof Section)
EW-210	10-20-15	Standard Wing Dikes
EW-211	10-17-17	Special Grading at Side Piers
EW-212	10-20-15	Settlement Plate
Grading for Guardrail		
EW-301	04-16-24	Guardrail Grading
EW-302	10-20-15	Special Shaping for High Tension Cable Guardrail at Median Obstacles
Erosion Control		
EW-401	10-20-15	Temporary Stream Crossing, Causeway, or Equipment Pad
EW-402	04-18-17	Temporary Stream Diversion
EW-403	04-18-17	Temporary Erosion Control Measures
Entrances, Sideroads, and Safety Ramps		
EW-501	10-17-23	Rural Entrance
EW-502	04-18-17	Safety Ramp
EW-503	10-20-15	Side Road Grading

Lighting

NO.	DATE	TITLE
LI-101	10-21-14	Light Pole Location
LI-103	10-21-25	Conduit and Precast Handholes
LI-104	10-21-14	Junction box (Cast Iron)
LI-110	04-19-16	Lighting Tower
LI-120	10-21-14	Underdeck Lighting
LI-130	10-17-17	Temporary Floodlighting Luminaires
LI-141	10-21-14	Electrical Installation (Roadway Ducts)
LI-142	04-21-15	Electrical Installation (Bases)
LI-151	10-21-14	Control Cabinet (Pole-Mounted)
LI-152	10-21-14	Control Cabinet (Pad-Mounted)
LI-201	04-18-17	Light Pole Foundation
LI-210	10-21-14	Transformer Base (Cast Aluminum)
LI-211	10-20-15	Slip-Base for Light Poles

Local Systems

NO.	DATE	TITLE
LS-625	10-19-21	Steel Beam Guardrail Tangent End Terminal (NCHRP 350 TL-3)
LS-626	10-19-21	Steel Beam Guardrail Flared End Terminal (NCHRP 350 TL-3)
LS-630	10-19-21	Steel Beam Guardrail Installation At Concrete Barrier Or Bridge Rail End Section (NCHRP 350 TL-3)
LS-631	04-20-21	Steel Beam Guardrail Installation At Side Object (Two-Way Protection)
LS-632	04-20-21	Steel Beam Guardrail Installation At Side Object (One-Way Protection)
LS-633	04-19-16	Steel Beam Guardrail Installation At Railroad Signal
LS-635	10-18-22	Steel Beam Guardrail Installation At Concrete Barrier Or Bridge Rail End Section (MASH TL-2)

Miscellaneous

NO.	DATE	TITLE
		Fencing
MI-101	10-20-15	Fencing Layout
MI-102	10-20-15	Chain Link Fence Construction
MI-103	10-20-15	Deer Fence and Field Fence Construction
MI-104	10-17-17	Fence Construction at Channel Crossings, Flood Plains, and Minor Ground Depressions
		Sidewalks and Driveways
MI-210	10-21-25	PCC Driveways and Alleys
MI-220	04-15-25	Detectable Warnings and Pedestrian Ramp
MI-221	10-21-25	Combined Retaining Wall - Sidewalk

Pavement Markings

NO.	DATE	TITLE
PM-110	10-15-24	Line Types
PM-111	04-21-20	Symbols and Legends
PM-115	04-15-25	Grooving for Line Types
PM-116	04-16-24	Grooving for Symbols and Legends
PM-120	10-15-24	Stop Lines and Islands
PM-210	10-15-24	Separation in Two-Lane Roadway
PM-211	10-15-24	Separation in Four-Lane Roadway
PM-220	10-15-24	Passing Lane
PM-221	10-15-24	Climbing Lane
PM-222	10-15-24	Passing Lane (Super Two Highway)
PM-230	10-15-24	Transition at Abrupt Changes in Pavement Width
PM-240	10-15-24	Railroad Crossing on Two-Lane Roadway
PM-242	10-15-24	Railroad Crossing on Four-Lane Roadway
PM-310	04-15-25	Entrance and Exit Ramps (Waterbone Pavement Markings)
PM-320	04-15-25	Entrance and Exit Ramps (Multicomponent Pavement Markings)
PM-420	10-15-24	Two-Lane Roadway with no Turn Lanes (One-Way Stop Condition)
PM-520	10-15-24	Two-Lane Roadway with no Turn Lanes (Two-Way Stop Condition)
PM-521	10-15-24	Two-Lane Roadway with Right Turn Lanes
PM-522	10-15-24	Two-Lane Roadway with Left Turn Lanes
PM-550	10-15-24	Two-Lane Roadway with Two-Way Left Turn Lane
PM-560	10-15-24	Divided Multi-Lane Roadway with no Turn Lanes
PM-561	10-15-24	Divided Multi-Lane Roadway with Right Turn Lanes
PM-562	10-15-24	Divided Multi-Lane Roadway with Left Turn Lanes
PM-620	10-15-24	Two-Lane Roadway with no Turn Lanes (Four-Way Stop Condition)
PM-650	10-15-24	Multi-Lane Roadway with Two-Way Left Turn Lane
PM-760	10-15-24	Divided Multi-Lane Roadway Median

Pavement Rehabilitation

NO.	DATE	TITLE
PR-101	10-21-25	Full Depth Patch with 'EF' Joint in PCC
PR-102	10-21-25	Full Depth PCC Patch without Dowels
PR-103	10-21-25	Full Depth PCC Patch with Dowels
PR-104	10-21-25	Full Depth Patch continuous Reinforced PCC Pavement
PR-105	10-21-25	Full Depth Ramp PCC Patch with Dowels
PR-107	10-16-18	Partial Depth PCC Finish Patches
PR-109	10-15-24	Cross Stitching of PCC Pavement
PR-110	10-21-14	PCC Crack and Joint Cleaning and Filling
PR-120	04-21-20	Double Reinforced Pavement Over Box Culverts
PR-121	04-21-20	Reinforced Concrete Panel at Box Culvert
PR-140	04-21-15	Subbase Patches
PR-201	10-21-14	Runouts for Resurfacing
PR-202	10-21-14	Notches for Resurfacing (with or without Runout)

Pavement

NO.	DATE	TITLE
General		
PV-3	10-15-24	Safety Edge
PV-10	04-21-20	Rumble Strip Panel for Intersection Approach
PV-12	04-16-24	Milled Shoulder Rumble Strips
PV-13	04-16-24	Milled Centerline Rumble Strips
PV-20	10-21-14	Raised Islands
PCC		
PV-101	10-21-25	Joints
PV-102	10-21-25	PCC Curb Details
PV-103	10-21-25	Manhole Boxouts in PCC Pavement
PV-104	10-21-25	Ramped Median Nose
PV-105	10-21-14	PCC Pavement Widening
PV-106	10-17-17	PCC Railroad Approach Section
PV-121	10-21-25	Jointing PCC Pavement Widening
HMA		
PV-201	10-21-25	Manhole Boxouts in HMA Pavement and HMA Overlays
PV-202	04-21-20	Hot Mix Asphalt Resurfacing
PV-203	04-21-20	HMA Base Widening
PV-204	10-17-17	HMA Railroad Approach Section
Superelevation		
PV-301	04-15-25	Superelevation Details Two Lane Roadway
PV-302	04-15-25	Superelevation Details Four Lane Roadway Depressed Median
PV-303	04-21-20	Superelevation Details Ramps
PV-304	04-15-25	Superelevation Details Six Lane Roadway Depressed Median
PV-305	04-19-22	Superelevation Details Six Lane Roadway Closed Median
PV-306	04-15-25	Superelevation Details Eight Lane Roadway Closed Median
PV-307	04-15-25	Superelevation Details Eight Lane Roadway Depressed Median

Pavement

NO.	DATE	TITLE
Ramp Tapers		
PV-410	10-21-25	Deceleration Taper for 16' Exit Ramp
PV-411	10-21-25	Acceleration Taper for 16' Entrance Ramp
PV-412	10-21-25	Deceleration Taper for 18' Exit Loop
PV-414	10-21-25	Acceleration Taper for 18' Entrance Loop
Detours and Median Crossovers		
PV-418	10-21-14	One- Lane Detour Connection
PV-428	10-21-14	Two-Lane Detour Connection
PV-500	10-21-25	Median Crossover (50' Median)
PV-501	10-21-25	Median Crossover (50' Median) 16' Wide 1 Lane
PV-502	10-21-25	Median Crossover (50' Median) 28' Wide 2 Lane
PV-503	10-21-25	Median Crossover (64' Median)
PV-504	10-21-25	Median Crossover (64' Median) 16' Wide 1 Lane
PV-505	10-21-25	Median Crossover (64' Median) 28' Wide 2 Lane
PV-506	10-21-25	Median Crossover (68.24' Median)
PV-507	10-21-25	Median Crossover (68.24' Median) 16' Wide 1 Lane
PV-508	10-21-25	Median Crossover (68.24' Median) 28' Wide 2 Lane
PV-509	10-21-25	Median Crossover (82' Median)
PV-510	10-21-25	Median Crossover (82' Median) 16' Wide 1 Lane
PV-511	10-21-25	Median Crossover (82' Median) 28' Wide 2 Lane
PV-512	10-21-25	Median Crossover (100' Median)
PV-513	10-21-25	Median Crossover (100' Median) 16' Wide 1 Lane
PV-514	10-21-25	Median Crossover (100' Median) 28' Wide 2 Lane

Signs

NO.	DATE	TITLE
SI-101	04-19-16	Locations - Type 'A' Signs
SI-102	04-19-16	Locations - Type 'B' Signs
SI-111	04-19-16	Support Structures - Wood Posts
SI-112	04-19-16	Footings For Steel Breakaway Posts
SI-113	10-15-19	Support Structures - Steel Breakaway Posts
SI-114	04-19-16	Freeway/Expressway Speed Limit Support Posts
SI-119	10-17-17	Support Structures - Mounting Brackets
SI-121	10-16-18	Fabrication - Sign Legend Components
SI-123	10-20-20	Fabrication - Type 'B' Signs
SI-131	10-18-16	Installation - Type 'A' Signs
SI-132	04-17-18	Installation - Type 'B' Signs
SI-133	10-17-17	Installation - Type "A" Sign Shim
SI-171	04-18-17	Reference Location Sign Posts
SI-172	04-19-16	Delineators
SI-173	04-19-16	Object Markers
SI-174	04-21-20	Emergency Management Ramp Signing
SI-175	04-19-16	Chevrons
SI-181	10-18-16	Permanent Road Closure - Rural
SI-182	04-19-16	Permanent Road Closure - Urban
SI-211	10-18-22	Object Marker and Delineator Placement with Guardrail
SI-241	04-20-21	Sign Placement Approaching a Railroad Crossing
SI-881	04-16-19	Special Signs for Workzones
SI-882	10-18-16	Special Signs for Restricted Width Traffic Control Zones

Storm and Sanitary Sewers

NO.	DATE	TITLE
Trench and Backfill		
SW-101	10-21-25	Trench Bedding and Backfill Zones
SW-102	10-21-25	Rigid Gravity Pipe Trench Bedding
SW-103	10-21-25	Flexible Gravity Pipe Trench Bedding
SW-104	10-21-25	Pressure Pipe Trench Bedding
SW-105	10-21-25	Miscellaneous Pipe Bedding
General Sewer		
SW-201	10-21-25	Sanitary Sewer Service Stub
SW-202	10-21-25	Sewage Air Release Valve Pit
SW-203	10-21-25	Sanitary Sewer Cleanout
SW-211	10-21-25	Storm Sewer Pipe Connections
Sanitary Sewer Manholes		
SW-301	10-21-25	Circular Sanitary Sewer Manhole
SW-302	10-21-25	Rectangular Sanitary Sewer Manhole
SW-303	10-21-25	Sanitary Sewer Manhole over Existing Sewer
SW-304	10-21-25	Rectangular Base/Circular Top Sanitary Sewer Manhole
SW-305	10-21-25	Tee-Section Sanitary Sewer Manhole
SW-307	10-21-25	External Drop Connection for Sanitary Sewer Manhole
SW-308	10-21-25	Internal Drop Connection for Sanitary Sewer Manhole
SW-350	04-17-18	Travel Trailer Dump Station
Storm Sewer Manholes		
SW-401	10-21-25	Circular Storm Sewer Manhole
SW-402	10-21-25	Rectangular Storm Sewer Manhole
SW-403	10-21-25	Deep Well Rectangular Storm Sewer Manhole
SW-404	10-21-25	Rectangular Base/Circular Top Storm Sewer Manhole
SW-405	10-21-25	Tee-Section Storm Sewer Manhole
SW-406	10-21-25	Shallow Rectangular Storm Sewer Manhole

Storm and Sanitary Sewers

NO.	DATE	TITLE
Storm Sewer Intakes		
SW-501	10-21-25	Single Grate Intake
SW-502	10-21-25	Circular Single Grate Intake
SW-503	10-21-25	Single Grate Intake with Manhole
SW-504	10-21-25	Single Grate Intake with Flush-Top Manhole
SW-505	10-21-25	Double Grate Intake
SW-506	10-21-25	Double Grate Intake with Manhole
SW-507	10-21-25	Single Open-Throat Intake, Small Box
SW-508	10-21-25	Single Open-Throat Intake, Large Box
SW-509	10-21-25	Double Open-Throat Curb Intake, Small Box
SW-510	10-21-25	Double Open-Throat Curb Intake, Large Box
SW-511	10-21-25	Rectangular Area Intake
SW-512	10-21-25	Circular Area Intake
SW-513	10-21-25	Open-Sided Area Intake
SW-514	10-21-25	Boxouts for Grate Intakes
SW-515	10-21-25	Triple Rectangular Area Intake
SW-516	10-21-25	Large Well Double Grate Intake with Manhole
SW-521	10-21-25	Linear Trench Drain
SW-538	10-21-25	Intake for Bridge End Drain
SW-539	10-21-25	Intake for Bridge End Drain (with Letdown)
SW-541	10-21-25	Open-Throat Curb Intake under Pavement
SW-542	10-21-25	Extension Unit for Open-Throat Curb Intake under Pavement
SW-545	10-21-25	Single Open-Throat Curb Intake with Extended Opening
SW-546	04-17-18	Single Open-Throat Barrier Intake
SW-547	04-17-18	Triple-Grate Barrier Intake
SW-548	10-16-18	Single-Grate Barrier Intake, Circular
SW-549	04-17-18	Single-Grate Barrier Intake, Rectangular
SW-550	04-17-18	Alternate Construction Method (SW-508 and SW-510 Intake)

Storm and Sanitary Sewers

SECTION
SW

NO.	DATE	TITLE
SW-562	04-17-18	Vertical Throat Area Intake (Small Box)
SW-563	04-17-18	Vertical Throat Area Intake (Large Box)
		Castings
SW-601	10-21-25	Castings for Sanitary Sewer Manholes
SW-602	10-21-25	Castings for Storm Sewer Manholes
SW-603	10-21-25	Castings for Grate Intakes
SW-604	10-21-25	Castings for Area Intakes

Traffic Control

NO.	DATE	TITLE
Two-Lane and Multi-Lane Roadways		
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-61	10-21-25	Two-Lane, Two-way Operation
TC-62	10-15-24	Permanent Two-Lane to Four-Lane Divided Transition.
TC-63	04-18-23	Lane Closure at Two-Lane to Four-Lane Transition.
TC-64	04-18-23	Lane Closure at Two-Lane to Four-Lane Transition with Flagger
TC-81	04-18-23	Restricted Width Signing (Less Than 15.5 Feet)
Two-Lane Roadways		
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-203	04-18-23	Aerial Seeding Operations
TC-211	10-15-19	Lane Closure on Low Volume Roadway
TC-212	04-18-23	Spot Location Lane Closure with Flaggers
TC-213	04-18-23	Lane Closure with Flaggers
TC-214	04-18-23	Lane Closure with Flaggers for use with Pilot Car
TC-215	04-16-24	Lane Closure with Signals (Up to Three Days)
TC-216	04-18-23	Lane Closure with Signals
TC-217	10-21-25	Lane Closure with Signals and TBR
TC-218	04-18-23	Lane Closure with Pilot Car and Flagger Operated Signals
TC-228	04-18-23	Lane Closure Involving TWLTL
TC-231	04-18-23	Slow Moving Vehicle Operating in the Traffic Lane
TC-232	10-21-14	Shoulder Rumble Strip Operations
TC-233	10-17-17	Pavement Marking Operations Two-Lane
TC-234	04-18-23	Strip Sealing Operations
TC-235	04-18-23	Edge Rut Repair
TC-251	04-18-23	Temporary Road Closure
TC-252	10-21-25	Routes Closed to Traffic

Traffic Control

NO.	DATE	TITLE
TC-253	04-18-23	Paved On-Site Detour
TC-271	04-18-23	Signalized Equipment Crossing
TC-272	04-18-23	Unsignalized Equipment Crossing
TC-273	10-15-19	Construction Site Entrance
TC-282	10-15-19	Uneven Lanes
TC-283	04-18-23	Surveying Operations
TC-284	10-15-19	No Centerline Markings on Non-Primary Roadways
Multi-Lane Roadways		
TC-402	04-18-23	Work Within 15 ft of Traveled Way
TC-403	04-18-23	Aerial Seeding Operations
TC-415	04-18-23	Short Term Lane Closure with TMA
TC-416	10-15-19	Partial Lane Closure on Ramps
TC-417	04-21-20	Ramp Closure
TC-418	04-18-23	Lane Closure on Divided Highway
TC-419	04-18-23	Lane Closure on Undivided Highway
TC-420	10-16-18	Lane Closure at Ramps
TC-421	10-21-25	Lane Closure with TBR
TC-422	04-18-23	Closure of Two Adjacent Lanes on Divided Highway
TC-423	04-18-23	Closure of Two Adjacent Lanes on Undivided Highway
TC-429	04-18-23	Closure of Continuous Two-Way Left Turn Lane and Adjacent Lane
TC-431	04-15-25	Slow Moving Vehicle Operating in the Traffic Lane
TC-432	10-17-17	Shoulder Rumble Strip Operations
TC-433	10-17-17	Pavement Marking Operations
TC-435	04-18-23	Multi-Line Closure For Mobile Operation 50 mph or Greater
TC-451	04-18-23	Temporary Road Closure on Divided Highway
TC-454	04-18-23	Temporary Detour Using Ramps on Divided Highway
TC-482	04-19-22	Uneven Lanes

Traffic Control

SECTION

TC

NO.	DATE	TITLE
TC-601	10-15-19	Pedestrian Detour
TC-602	10-15-19	Sidewalk Diversion

Traffic Signals

NO.	DATE	TITLE
TS-102	10-21-25	Traffic Signal Pole Foundation

Water Main

SECTION
WM

NO.	DATE	TITLE
WM-101	10-21-25	Thrust Blocks
WM-102	10-21-25	Tracer System
WM-201	10-21-25	Fire Hydrant Assembly