

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
Foundations - FND				
<i>General - GN</i>				
FND-GN-101	FOR OFFICE USE ONLY	BR-FD(0.14)-97-322	Skewed Abutment and Wing Wall Footing Intersection	2
<i>Pile Foundation - PF</i>				
FND-PF-101		BR-FD(0.10)-75-17	Preliminary Embankment for Pedestal Type Bridge Abutments On Piles	1
FND-PF-102		BR-FD(0.12)-85-174	Preliminary Embankment for Semi-Cantilever Type Abutments on Piles with Stepped Wing Wall Footers	1
FND-PF-201	FOR OFFICE USE ONLY	BR-SB(6.04)-82-132	Rebar Mat Pattern over Piling	3
FND-PF-202		REBAR-PL(1.01)-91-251	Reinforcing Bar Standard Footing Support System	1
FND-PF-301		BR-FD(0.01)-75-15	Steel H Pile Splice Details	1
FND-PF-302		BR-FD(0.07)-79-87	Toothed Pile Point for 10" H Pile	1
FND-PF-303		BR-FD(0.08)-79-88	Toothed Pile Point for 12" H Pile	1
FND-PF-304		BR-FD(0.09)-79-89	Toothed Pile Point for 14" H Pile	1
FND-PF-401	PRELIMINARY DRAFT	N/A	Pile Point for Pipe Pile	1
FND-PF-501	FOR OFFICE USE ONLY	BR-FD(0.03)-79-81	Details for Cast-In-Place Concrete Piles	1
FND-PF-502		BR-FD(0.02)-75-16	Splice for Cast-In-Place Concrete Pile Shell	1
FND-PF-503		BR-FD(0.11)-83-152	Splice for Cast-In-Place Concrete Pipe Pile Shell	1
FND-PF-504		BR-FD(0.13)-95-310	Caisson/Pile Rebar Cage Clearance Spacing Devices	1
<i>Slope Protection - SP</i>				
FND-SP-101		M(6.02)-78-75	Slope Protection for Bridges Carrying Road Over Road or Railroad	6
FND-SP-201	PRELIMINARY DRAFT (FOR OFFICE USE ONLY)	N/A	Typical Rip Rap Installations at Piers and Abutments	6
Substructure - SUB				
<i>Drainage - DR</i>				
SUB-DR-101		M(0.03)-80-123	Drainage Inlet At End of Bridge Structure (Open Approach Roadway)	2
SUB-DR-201		BR-SB(0.01)-80-101A	Drainage System and Backfill for Abutments with Fixed Bearings or Expansion Bearings with Lengths Contributing to Expansion Less than or Equal to 70 Feet	4
SUB-DR-202		BR-SB(0.01)-80-101B	Drainage System and Backfill for Abutments with Fixed Bearings or Expansion Bearings with Lengths Contributing to Expansion Greater than 70 Feet	4
SUB-DR-203		BR-SB(0.01)-80-101C	Drainage System and Backfill for Wing Walls that are Parallel to the Highway	1
<i>Abutment - AB</i>				
SUB-AB-101	FOR OFFICE USE ONLY	BR-SB(6.59)-11-390	Typical Section for Catilever Abutments on Piles Carrying Steel Girders with Steel Fixed Bearings or Steel Expansion Bearings with Length Contributing to Exapnsion <= 70 FT.	4
SUB-AB-102	FOR OFFICE USE ONLY	BR-SB(6.60)-11-391	Wing Wall/Abutment Connections for Fixed Bearings or Expansion Bearings with Length Contributing to Exapnsion <= 70 FT. - Reinforcing Details	1

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SUB-AB-201	FOR OFFICE USE ONLY	BR-SB(6.61)-13-394	Typical Section for Catilever Abutments on Piles Carrying Steel Girders with Steel Expansion Bearings with Length Contributing to Exapnsion > 70 FT.	4
SUB-AB-202	FOR OFFICE USE ONLY	BR-SB(6.62)-13-395	Wing Wall/Abutment Connections for Fixed Bearings or Expansion Bearings with Length Contributing to Exapnsion > 70 FT. - Reinforcing Details	3
SUB-AB-301	PRELIMINARY DRAFT (FOR OFFICE USE ONLY)	N/A	Keyways at Construction Joints in Abutments	1
Wing Wall - WW				
SUB-WW-101		BR-SB(6.18)-88-196	Stepped Expansion Joint for Wing Walls at Abutments	3
SUB-WW-201		BR-SB(6.64)-13-397	Typical Wing Wall Cantilever at End of End Post Reinforcement Details	3
SUB-WW-301		BR-SB(6.10)-85-176A	Cheek Wall at Bridge Abutment with Fixed Bearings or Expansion Bearings with Length Contributing to Exapnsion <= 70 Ft.	1
SUB-WW-401		BR-SB(6.10)-85-176B	Cheek Wall at Bridge Abutment with Expansion Bearings with Length Contributing to Exapnsion > 70 Ft.	1
SUB-WW-402		BR-SB(6.63)-13-396	Expansion Joint Cross Beam Connection at Wing Walls Parallel to the Center Line of Roadway	1
Pier - PR				
SUB-PR-101	FOR OFFICE USE ONLY	BR-SB(2.01)-81-125	Design Criteria for Typical Reinforced Concrete Pier	4
SUB-PR-201		BR-SB(8.01)-79-197	Nose Angle for Solid Shaft Water Pier	1
SUB-PR-301		BR-SB(6.12)-86-184	Fiberglass Jacket for Cast-In-Place Concrete Column	1
SUB-PR-302		BR-SB(6.08)-86-172	Fiberglass Jacket For New Cylinder Pile	1
SUB-PR-303	PRELIMINARY DRAFT	N/A	Fiberglass Protective Jacket for H-Piles (New Construction)	1
SUB-PR-304		BR-SB(6.11)-86-185	Fiberglass Jacket for Cast-In-Place Concrete Footing	1
Bearing Pad Detials - BP				
SUB-BP-101		BR-SB(6.02)-80-121	Bearing Pad Where Only A Single Shoe Is Required On A Support	1
SUB-BP-102		BR-SB(6.09)-85-175	Bearing Pad (For Special Piers) Where Only a Single Shoe is Required on Support	2
Utility Details - UTL				
SUB-UTL-101		BR-SB(6.46)-99-330	Sleeves for Future Utilities at Abutment Backwalls	1
Endpost - EP				
42" F-Shape				
SUB-EP(42F)-101		BR-SB(6.53)-05-368	42" F-Shape Parapet End Post with Fencing or Railing (Approach End, End Post Length > 11'-2")	4
SUB-EP(42F)-102		BR-SB(6.54)-05-369	42" F-Shape Parapet End Post without Fencing or Railing (Approach End, End Post Length > 11'-2")	4
SUB-EP(42F)-103		BR-SB(6.57)-05-372	42" F-Shape Parapet End Post with Fencing or Railing (Approach End, End Post Length <= 11'-2")	4
SUB-EP(42F)-104		BR-SB(6.58)-05-373	42" F-Shape Parapet End Post without Fencing or Railing (Approach End, End Post Length <= 11'-2")	4

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SUB-EP(42F)-105		BR-SB(6.55)-05-370	42" F-Shape Parapet End Post with Fencing or Railing Trail End	4
SUB-EP(42F)-106		BR-SB(6.56)-05-371	42" F-Shape Parapet End Post without Fencing or Railing Trail End	4
Sidewalk - SW				
SUB-EP(SW)-101	USEABLE DRAFT	N/A	Parapet End Post for Abutments with Expansion Joint Cross Beam and Sidewalk	5
SUB-EP(SW)-201	USEABLE DRAFT	N/A	Parapet End Post for Abutments with Fixed Joint and Sidewalk	5
Superstructure - SUP				
Bridge Deck - BD				
Bridge Deck Details - DT				
SUP-BD(DT)-101		BR-SS(6.08)-78-69	Layout of Transverse Joint for Skewed Bridge Deck	1
SUP-BD(DT)-102		BR-SS(6.07)-77-68	Bridge Deck Slab Detail at Transverse Construction Joint	1
SUP-BD(DT)-201		BR-SS(6.42)-95-311	Bridge Deck Slab Splice Locations	2
Bridge Deck on Steel Girders - SG				
SUP-BD(SG)-101		BR-SS(6.11)-79-90	Bridge Deck Slab - General Notes and Bar Spacing	2
SUP-BD(SG)-102		BR-SS(6.61)-08-385(L)	Type XXXI and XXXII - Bridge Deck Slabs HL-93 Loading	1
SUP-BD(SG)-103		BR-SS(6.62)-08-386(L)	Type XXXIII and XXXIV - Bridge Deck Slabs HL-93 Loading	1
SUP-BD(SG)-104		BR-SS(6.63)-08-387(L)	Type XXXV and XXXVI - Bridge Deck Slabs HL-93 Loading	1
SUP-BD(SG)-105		BR-SS(6.64)-08-388(L)	Type XXXVII and XXXVIII - Bridge Deck Slabs HL-93 Loading	1
SUP-BD(SG)-106		BR-SS(6.65)-08-389(L)	Type XXXIX - Bridge Deck Slabs HL-93 Loading	1
SUP-BD(SG)-201		BR-SS(6.30)-88-195	Additional Longitudinal Reinforcing in Top of Continuous Deck Slabs over	1
SUP-BD(SG)-202	PRELIMINARY DRAFT	N/A	Additional Reinforcing for Concrete Bridge Deck Overhang for 42" F-Shape	1
SUP-BD(SG)-203	PRELIMINARY DRAFT	N/A	Additional Reinforcing for Concrete Bridge Deck Overhang for Three Strand Rail	1
SUP-BD(SG)-204	PRELIMINARY DRAFT	N/A	Additional Reinforcing for Concrete Bridge Deck Overhang for Parapet with Sidewalk	1
SUP-BD(SG)-301		BR-SS(6.66)-11-392	Concrete Diaphragms at Abutments Carrying Steel Girders with Steel Fixed Bearings or Steel Expansion Bearings with Lengths Contributing to Expansion <= 70 Ft.	4
SUP-BD(SG)-401		BR-SS(6.67)-13-400	Concrete Diaphragms at Abutments Carrying Steel Girders with Steel Expansion Bearings with Lengths Contributing to Expansion > 70 Ft.	4
SUP-BD(SG)-501		BR-SS(6.06)-75-29	Steel Forms Which Remain in Place for Concrete Slabs on Steel Stringers	2
SUP-BD(SG)-502	USEABLE DRAFT	N/A	Lightweight Steel Forms Which Remain in Place for Concrete Slabs on Steel Stringers	2
SUP-BD(SG)-601	FOR OFFICE USE ONLY	BR-SS(6.05)-75-19	Concrete Haunch Detail – Decks Formed with Timber	1
Bridge Deck on Concrete Girders - CG				

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SUP-BD(CG)-101	USEABLE DRAFT	N/A	Bridge Deck Slab - General Notes and Bar Spacing	2
SUP-BD(CG)-102	USEABLE DRAFT	N/A	Type XLI Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 7'-0" to 8'-0" Girder Spacing)	1
SUP-BD(CG)-103	USEABLE DRAFT	N/A	Type XLII Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 8'-0" to 8'-6" Girder Spacing)	1
SUP-BD(CG)-104	USEABLE DRAFT	N/A	Type XLIII Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 8'-6" to 9'-0" Girder Spacing)	1
SUP-BD(CG)-105	USEABLE DRAFT	N/A	Type XLIV Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 9'-0" to 9'-6" Girder Spacing)	1
SUP-BD(CG)-106	USEABLE DRAFT	N/A	Type XLV Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 9'-6" to 10'-0" Girder Spacing)	1
SUP-BD(CG)-107	USEABLE DRAFT	N/A	Type XLVI Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 10'-0" to 10'-6" Girder Spacing)	1
SUP-BD(CG)-108	USEABLE DRAFT	N/A	Type XLVII Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 10'-6" to 11'-0" Girder Spacing)	1
SUP-BD(CG)-109	USEABLE DRAFT	N/A	Type XLVIII Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 11'-0" to 11'-6" Girder Spacing)	1
SUP-BD(CG)-110	USEABLE DRAFT	N/A	Type XLIX Bridge Deck Slabs for PCEF Bulb Tee Prestressed Girders HL-93 Loading (Greater than 11'-6" to 12'-0" Girder Spacing)	1
SUP-BD(CG)-201	USEABLE DRAFT	N/A	Additional Longitudinal Reinforcing in Continuous Deck Slabs over Piers for Concrete Girders	1
SUP-BD(CG)-301	USEABLE DRAFT	N/A	Concrete Diaphragms at Abutments Carrying Prestressed Concrete Girders with Elastomeric Bearings with Lengths Contributing to Expansion > 70 Feet	4
SUP-BD(CG)-401	USEABLE DRAFT	N/A	Concrete Diaphragms at Abutments Carrying Prestressed Concrete Girders with Elastomeric Bearings with Lengths Contributing to Expansion <= 70 Feet	4
SUP-BD(CG)-501	USEABLE DRAFT	N/A	Steel Forms Which Remain in Place for Concrete Slabs on Concrete	2
Staged Construction for Bridge Deck - SC				
SUP-BD(SC)-101		BR-SS(6.23)-83-149	Splicing of Bridge Deck Slab Truss Bars During Stage Construction Lap Splice Alternatives	1
SUP-BD(SC)-102		BR-SS(6.31)-88-199	Splicing of Bridge Deck Slab Reinforcing Steel/Truss Bars During Stage Construction	4
SUP-BD(SC)-103		BR-SS(6.43)-97-319	Split Pan Construction for Steel Forms Which Remain in Place	2
Traffic Barriers (Parapets) - TB				
42" F-Shape - 42F				
SUP-TB(42F)-101		BR-SS(6.02)-03-27B	Level/Low Side/High Side of Crown (or Superelevated) Section of 42" F-Shape Parapet with Straight Back	2
SUP-TB(42F)-102		BR-SS(6.25)-03-159B	Level/Low Side/High Side of Crown (or Superelevated) Section of 42" F-Shape Parapet with Diamond Back	2
SUP-TB(42F)-103		BR-SS(6.47)-03-349B	Level/Low Side/High Side of Crown (or Superelevated) Section of 42" F-Shape Parapet with Architectural Finish	2
Sidewalk - SW				

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SUP-TB(SW)-101		BR-SS(6.21)-03-106	Level/Low Side/High Side of Crown (or Superelevated) Section of Sidewalk and Parapet with Straight Back	2
SUP-TB(SW)-102		BR-SS(6.26)-03-161	Level/Low Side/High Side of Crown (or Superelevated) Section of Sidewalk and Parapet with Diamond Back	2
SUP-TB(SW)-103		BR-SS(6.48)-03-350	Level/Low Side/High Side of Crown (or Superelevated) Section of Sidewalk and Parapet with Architectural Finish	2
Tube Rail - TR				
SUP-TB(TR)-101	USEABLE DRAFT	N/A	Three Strand Structural Tube Rail Curb Mounted	5
SUP-TB(TR)-102	USEABLE DRAFT	N/A	Three Strand Structural Tube Rail Thrie Beam Connection Plate	3
SUP-TB(TR)-201	USEABLE DRAFT	N/A	Bridge Deck Curb Detail for Three Strand Structural Tube Rail	1
SUP-TB(TR)-301	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Curb Detail for Three Strand Structural Tube Rail	1
Median Barrier - MB				
SUP-TB(MB)-101		BR-SS(6.03)-03-28	42" F-Shape Median Barrier for Bridge Without Longitudinal Joint	1
SUP-TB(MB)-102		BR-SS(6.50)-03-352	42" F-Shape Median Barrier for Bridge Without Longitudinal Joint Where Traffic Will Use Area Prior to Placing Barrier	1
SUP-TB(MB)-201		BR-SS(6.19)-03-104	42" F-Shape Median Barrier For Bridge With Open Longitudinal Joint	1
SUP-TB(MB)-202		BR-SS(6.24)-03-156	42" F-Shape Median Barrier for Bridge with Longitudinal Joint Where Traffic Will Use Area Prior to Placing Barrier	1
Conduit Placement - CP				
SUP-TB(CP)-101		BR-SS(0.01)-75-13	Expansion Joint For Conduit in Parapet	2
SUP-TB(CP)-201		BR-SS(6.09)-78-70B	Parapet Control Joints and Single Conduit Placement with 42" F-Shape Parapet	3
SUP-TB(CP)-202		BR-SS(6.09)-78-70A	Parapet Control Joints and Single Conduit Placement on Parapets with Sidewalk (need to revise)	
SUP-TB(CP)-301		BR-SS(6.37)-91-247B	Parapet Control Joints and Dual Conduit Placement with 42" F-Shape Parapet	3
SUP-TB(CP)-302		BR-SS(6.37)-91-247A	Parapet Control Joints and Dual Conduit Placement on Parapets with Sidewalk (need to revise)	
Miscellaneous - MISC				
SUP-TB(MISC)-101		BR-SS(6.41)-94-297	Additional Reinforcing for Slip Forming Parapets and Median Barriers	1
SUP-TB(MISC)-201		BR-SS(6.58)-05-361	Parapet Reinforcing Steel Placement at Expansion Joint	1
SUP-TB(MISC)-301		M(5.11)-75-14	Concrete Barrier Delineator	1
Support Brackets for Light Standards - SB				
42" F-Shape - 42F				
SUP-SB(42F)-101		BR-SS(6.04)-75-7B	Support Bracket for Bridge Mounted Light Post with Single Conduit and 42" F-Shape Parapet with Straight Back	2
SUP-SB(42F)-102		BR-SS(6.28)-84-167B	Support Bracket for Bridge Mounted Light Post with Single Conduit and 42" F-Shape Parapet with Diamond Back	2

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SUP-SB(42F)-103		BR-SS(6.49)-05-351A	Support Bracket for Bridge Mounted Light Post with Single Conduit and 42" F-Shape Parapet with Architectural Finish	2
SUP-SB(42F)-201		BR-SS(6.38)-91-248B	Support Bracket for Bridge Mounted Light Post with Dual Conduits and 42" F-Shape Parapet with Straight Back	2
SUP-SB(42F)-202		BR-SS(6.40)-91-250B	Support Bracket for Bridge Mounted Light Post with Dual Conduits and 42" F-Shape Parapet with Diamond Back	2
SUP-SB(42F)-203		BR-SS(6.56)-05-358B	Support Bracket for Bridge Mounted Light Post with Dual Conduits and 42" F-Shape Parapet with Architectural Finish	2
Sidewalk - SW				
SUP-SB(SW)-101		BR-SS(6.51)-05-353	Support Bracket for Bridge Mounted Light Post with Single Conduit and Parapet with Straight Back and Sidewalk	2
SUP-SB(SW)-102		BR-SS(6.53)-05-355	Support Bracket for Bridge Mounted Light Post with Single Conduit and Parapet with Diamond Back and Sidewalk	2
SUP-SB(SW)-103		BR-SS(6.55)-05-357	Support Bracket for Bridge Mounted Light Post with Single Conduit and Parapet with Architectural Finish and Sidewalk	2
SUP-SB(SW)-201		BR-SS(6.52)-05-354	Support Bracket for Bridge Mounted Light Post with Dual Conduits and Parapet with Straight Back and Sidewalk	2
SUP-SB(SW)-202		BR-SS(6.54)-05-356	Support Bracket for Bridge Mounted Light Post with Dual Conduits and Parapet with Diamond Back and Sidewalk	2
SUP-SB(SW)-203		BR-SS(6.57)-05-359	Support Bracket for Bridge Mounted Light Post with Dual Conduits and Parapet with Architectural Finish and Sidewalk	2
Fence/Railing - FR				
Fencing - FN				
SUP-FR(FN)-101	FOR OFFICE USE ONLY	BR-SS(3.06)-79-78	Layout of Fencing on Bridges	2
SUP-FR(FN)-201		BR-SS(3.01)-75-21	Chain Link Safety Fence - New Structures General Notes	1
SUP-FR(FN)-202		BR-SS(3.02)-75-22	Type I Chain Link Safety Fence - New Structures	3
SUP-FR(FN)-203		BR-SS(3.03)-75-23	Type II Chain Link Safety Fence for New Structures with 34" or 42" F-Shape Parapet	3
SUP-FR(FN)-204		BR-SS(3.04)-75-24	Chain Link Safety Fence - New Structures Miscellaneous Details	1
SUP-FR(FN)-205		BR-SS(3.05)-75-25	Anti-Climb Shield for Chain Link Safety Fences - Types I and II	2
SUP-FR(FN)-301		BR-SS(3.11)-96-317	Chain Link Safety Fence Retaining Walls and Box Culverts General Notes	1
SUP-FR(FN)-302		BR-SS(3.12)-96-318	Type III Chain Link Safety Fence Retaining Walls and Box Culverts	2
SUP-FR(FN)-401	USEABLE DRAFT	N/A	Ornamental Fence General Notes	1
SUP-FR(FN)-402	USEABLE DRAFT	N/A	3 Foot Ornamental Fence Details	3
SUP-FR(FN)-403	USEABLE DRAFT	N/A	5 Foot Ornamental Fence Details	3
Railing - RL				
SUP-FR(RL)-101	FOR OFFICE USE ONLY	BR-SS(3.13)-05-374	Layout of Railing on Bridges	2
SUP-FR(RL)-201		BR-SS(5.01)-76-35	One Strand Bridge Railing (under development)	
Protective Barrier over Railroad - RR				
SUP-FR(RR)-101		BR-SS(5.02)-76-55	Protective Barrier For Portion of Bridge Over Electrified Railroad	4

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SUP-FR(RR)-102		BR-SS(5.06)-04-360	Protective Barrier for Portion of Bridge over Electrified Railroad with Sidewalk	4
SUP-FR(RR)-201		BR-SS(5.04)-82-141	Electrified Territory Danger Sign	2
Structural Steel - SS				
General - GEN				
SUP-SS(GEN)-101		BR-SS(8.05)-75-30	Steel Stud Shear Developer Embedment Detail	1
SUP-SS(GEN)-201	FOR OFFICE USE ONLY	BR-SS(8.07)-78-73	Stiffener Attachment Details for Steel Girders	2
SUP-SS(GEN)-202		BR-SS(8.08)-80-103	Bearing Stiffeners for Rolled Steel Beams	2
SUP-SS(GEN)-203		BR-SS(8.10)-83-154	Stiffener and Stringer Connection Plate Weld Termination Detail	1
SUP-SS(GEN)-204		BR-SS(8.12)-85-170	Steel Seat Plates/Angles for Skewed Concrete Diaphragms	2
SUP-SS(GEN)-301	FOR OFFICE USE ONLY	BR-SS(8.09)-81-124	Typical Steel Stringer Splice Detail	1
SUP-SS(GEN)-401		BR-SS(8.11)-85-173	Shop Splice Details for Plate Girder Stringers	2
Cross Frames - CF				
SUP-SS(CF)-101		BR-SS(8.03)-75-11	Rolled Steel Beams Intermediate Diaphragm Details Welded and Bolted	2
SUP-SS(CF)-201	PRELIMINARY DRAFT	N/A	Cross Frame Layout Skew Angle is Less Than 70 Degrees	1
SUP-SS(CF)-202	PRELIMINARY DRAFT	N/A	Cross Frame Layout Skew Angle is Greater Than or Equal to 70 Degrees or Radial Supports	1
SUP-SS(CF)-301	PRELIMINARY DRAFT	N/A	Intermediate Cross Frames for Fabricated Steel Girders (K Frame)	1
SUP-SS(CF)-302	PRELIMINARY DRAFT	N/A	Intermediate Cross Frames for Fabricated Steel Girders (X Frame)	1
SUP-SS(CF)-401	PRELIMINARY DRAFT	N/A	Cross Frames at Piers where Fabricated Structural Steel Girders are Continuous (K Frame)	1
SUP-SS(CF)-402	PRELIMINARY DRAFT	N/A	Cross Frames at Piers where Fabricated Structural Steel Girders are Continuous (X Frame)	1
SUP-SS(CF)-501	PRELIMINARY DRAFT	N/A	Cross Frame Connections	1
SUP-SS(CF)-502	PRELIMINARY DRAFT	N/A	Weld Termination Details for Cross Frames	1
Steel Details for Deck Replacements - DR				
SUPS-SS(DR)-101		BR-SS(8.06)-78-72	Roadway Joint - Clip Angle Detail - Deck Replacement - Existing Stringer	1
SUPS-SS(DR)-201		BR-SS(8.04)-75-20	Fascia Stringer Closure Plate Detail	1
SUPS-SS(DR)-301		BR-SS(6.10)-79-76B	Detail of Existing Spiral Removal	1
SUPS-SS(DR)-302		BR-SS(6.10)-79-76A	Detail of Additional Reinforcement at Existing Shear Stud Developers or Addition of Stud Extensions	1
Concrete Girder - CG				
SUP-CG-101	USEABLE DRAFT	N/A	Typical Reinforcing Detail for Prestressed Concrete Girders General Notes	1
SUP-CG-102	USEABLE DRAFT	N/A	Typical Reinforcing Detail for PCEF Bulb Tee Prestressed Concrete Girders	1
SUP-CG-201	USEABLE DRAFT	N/A	Section Properties for PCEF Bulb Tee Prestressed Concrete Girders with 7" Thick Bottom Flanges	1
SUP-CG-202	USEABLE DRAFT	N/A	Section Properties for PCEF Bulb Tee Prestressed Concrete Girders with 9" Thick Bottom Flanges	1

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SUP-CG-301	USEABLE DRAFT	N/A	Typical Spacing of Strands for PCEF Bulb Tee Prestressed Concrete Girders with 7" Thick Bottom Flanges	1
SUP-CG-302	USEABLE DRAFT	N/A	Typical Spacing of Strands for PCEF Bulb Tee Prestressed Concrete Girders with 9" Thick Bottom Flanges	1
SUP-CG-401	USEABLE DRAFT	N/A	Prestressed Concrete Girder Top Finish and Stirrup Embedment Detail	1
SUP-CG-501	USEABLE DRAFT	N/A	Lifting Device Details for Prestressed Concrete Girders	1
SUP-CG-601	USEABLE DRAFT	N/A	Pier Connection Details for PCEF Bulb Tee Prestressed Concrete Girders with 7" Thick Bottom Flanges	2
SUP-CG-602	USEABLE DRAFT	N/A	Pier Connection Details for PCEF Bulb Tee Prestressed Concrete Girders with 9" Thick Bottom Flanges	2
Intermediate Diaphragms - DIA				
SUP-CG(DIA)-101	USEABLE DRAFT	N/A	Intermediate Diaphragm for 29" and 31" PCEF Bulb Tee Girder	
SUP-CG(DIA)-102	USEABLE DRAFT	N/A	Intermediate Diaphragm for 37" and 39" PCEF Bulb Tee Girder	
SUP-CG(DIA)-103	USEABLE DRAFT	N/A	Intermediate Diaphragm for 45" and 47" PCEF Bulb Tee Girder	
SUP-CG(DIA)-104	USEABLE DRAFT	N/A	Intermediate Diaphragm for 53" through 63" PCEF Bulb Tee Girder	
SUP-CG(DIA)-105	USEABLE DRAFT	N/A	Intermediate Diaphragm for 69" and 71" PCEF Bulb Tee Girder	
SUP-CG(DIA)-106	USEABLE DRAFT	N/A	Intermediate Diaphragm for 77" through 87" PCEF Bulb Tee Girder	
SUP-CG(DIA)-107	USEABLE DRAFT	N/A	Intermediate Diaphragm for 93" and 95" PCEF Bulb Tee Girder	
Precast Slabs - SLAB				
SUP-SLAB-101	USEABLE DRAFT	N/A	Precast Concrete Slab Panel General Notes	1
SUP-SLAB-102	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Slab Erection Sequence of Operations	1
SUP-SLAB-103	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Concrete Overlay Sequence of Operations	1
SUP-SLAB-201	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs 30' and Less	1
SUP-SLAB-202	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs Greater Than 30' up to 50'	1
SUP-SLAB-203	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs Greater Than 50'	1
SUP-SLAB-301	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs 30' and Less with Staged Construction	1
SUP-SLAB-302	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs Greater Than 30' up to 50' with Staged Construction	1
SUP-SLAB-303	USEABLE DRAFT	N/A	Precast Slab Unit and Tie Rod Layout Slabs Greater Than 50' with Staged Construction	1
SUP-SLAB-401	USEABLE DRAFT	N/A	Precast Concrete Slab Units Tie-Rod Details	3
SUP-SLAB-501	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Shear Key Details	2
SUP-SLAB-601	USEABLE DRAFT		Precast Concrete Slab Unit Detail at Abutment	1
SUP-SLAB-602	USEABLE DRAFT	N/A	Precast Concrete Slab Curb Joint Details	1
SUP-SLAB-701	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Bridge Overlay Reinforcement Details	1
SUP-SLAB-801	USEABLE DRAFT	N/A	Precast Concrete Slab Panel Lifting Devices Location and Working Load	1
3FT Wide Slabs - 3FT				
SUP-SLAB(3FT)-050	USEABLE DRAFT	N/A	Simple Span Interior/Exterior 3'-0" Precast Concrete Slab Panel Diagram and Notes for Camber	1
SUP-SLAB(3FT)-101	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less Interior 3'-0" Precast Concrete Slab Panel	2

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
SUP-SLAB(3FT)-102	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-103	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-201	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-202	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-203	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-301	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-302	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-303	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-401	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-402	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-403	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-501	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-502	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-503	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-601	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-602	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-603	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-701	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-702	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-703	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-801	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-802	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(3FT)-803	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(3FT)-901	USEABLE DRAFT	N/A	3'-0" Precast Concrete Slab Panel Alternate Reinforcing Details	2

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
4FT Wide Slabs - 4FT				
SUP-SLAB(4FT)-050	USEABLE DRAFT	N/A	Simple Span Interior/Exterior 4'-0" Precast Concrete Slab Panel Diagram and Notes for Camber	1
SUP-SLAB(4FT)-101	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-102	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-103	USEABLE DRAFT	N/A	Simple Span 20'-0" or Less 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-201	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-202	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-203	USEABLE DRAFT	N/A	Simple Span Greater than 20'-0" to 25'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-301	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-302	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-303	USEABLE DRAFT	N/A	Simple Span Greater than 25'-0" to 30'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-401	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-402	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-403	USEABLE DRAFT	N/A	Simple Span Greater than 30'-0" to 35'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-501	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" Interior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-502	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" Exterior 3'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-503	USEABLE DRAFT	N/A	Simple Span Greater than 35'-0" to 40'-0" - 3'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-601	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-602	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-603	USEABLE DRAFT	N/A	Simple Span Greater than 40'-0" to 45'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-701	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" Interior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-702	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-703	USEABLE DRAFT	N/A	Simple Span Greater than 45'-0" to 50'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-801	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" Interior 4'-0" Precast Concrete Slab Panel	2

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
SUP-SLAB(4FT)-802	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" Exterior 4'-0" Precast Concrete Slab Panel	2
SUP-SLAB(4FT)-803	USEABLE DRAFT	N/A	Simple Span Greater than 50'-0" to 55'-0" - 4'-0" Precast Concrete Slab Panel Skewed End Detail	2
SUP-SLAB(4FT)-901	USEABLE DRAFT	N/A	4'-0" Precast Concrete Slab Panel Alternate Reinforcing Details	2
Bridge Deck Joints - JT				
<i>Joint Constuction Details - JC</i>				
SUP-JT(JC)-101		BR-SS(7.09)-80-113	Roadway Joint Splices for Sequential Construction	1
SUP-JT(JC)-102		BR-SS(7.15)-86-198	Roadway Joint Angle Shop Splices for Non-Sequential Construction	1
<i>Joint Seal Details - JS</i>				
SUP-JT(JS)-101		BR-SS(7.20)-13-398	Compression Seal Joint and Retainer Angle Detail	1
SUP-JT(JS)-102	FOR OFFICE USE ONLY	BR-SS(7.06)-78-71	Preformed Compression Seal Selection Chart	1
SUP-JT(JS)-102		BR-SS(7.20)-13-398	Silicone Seal Joint and Retainer Angle Detail	1
<i>Fixed Joints - FIX - Fixed Joints or Length Contributing to Expansion <= 70 Feet</i>				
SUP-JT(FIX)-101		BR-SS(7.19)-11-393	Roadway Joint at Abutments Carrying Steel Griders with Steel Fixed Bearing or Steel Expansion Bearings with Length Contributing to Exansion <= 70 Feet	1
SUP-JT(FIX)-201	USEABLE DRAFT	N/A	Roadway Joint at Abutments Carrying Prestressed Griders with Elastomeric Fixed Bearing or Expansion Bearings with Length Contributing to Exansion <= 70 Feet	1
SUP-JT(FIX)-301		BR-SS(7.08)-03-97A	Full Height Roadway Joint For 42" F-Shape Parapet for Bridge with Fixed Bearings or Expansion Bearings with Length Contributing to Expansion <= 70 Ft.	1
SUP-JT(FIX)-401	USEABLE DRAFT	N/A	Full Height Roadway Joint for Sidewalks for Bridge with Fixed Bearings or Expansion Bearings with Length Contributing to Expansion <= 70 Ft.	2
<i>Expansion Joints - EXP - Length Contributing to Expansion > 70 Feet</i>				
SUP-JT(EXP)-101		BR-SS(7.21)-13-399	Roadway Joint at Abutments Carrying Steel Griders with Steel Expansion	1
SUP-JT(EXP)-201	USEABLE DRAFT	N/A	Roadway Joint at Abutments Carrying Prestressed Concrete Griders with Elastomeric Expansion Bearings with Length Contributing to Exansion > 70 Feet	1
SUP-JT(EXP)-301		BR-SS(7.08)-03-97B	Full Height Roadway Joint For 42" F-Shape Parapet for Bridge with Expansion Bearings with Length Contributing to Expansion > 70 Ft.	1
SUP-JT(EXP)-401		BR-SS(7.07)-79-96	Full Height Roadway Joint For Sidewalks for Bridge with Expansion Bearings with Length Contributing to Expansion > 70 Ft.	2
<i>Finger Joint Details - FJ</i>				
SUP-JT(FJ)-101		BR-SS(7.18)-97-321A	Finger Joint Details (42" F-Shape Parapet) for Bridges with Steel Stringers with Skew Angles Between 50° and 90°	13
<i>Modified Joints - MOD</i>				
SUP-JT(MOD)-101		BR-SS(7.04)-77-66	Modified Existing Bridge Deck Expansion Joint At Abutments	1

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
SUP-JT(MOD)-102		BR-SS(7.05)-77-67	Modified Existing Bridge Deck Expansion Joint At Piers	1
SUP-JT(MOD)-201		BR-SS(7.13)-84-160	Modified Existing Bridge Deck Non-Armored Expansion Joint at Abutments	1
SUP-JT(MOD)-202		BR-SS(7.10)-80-116	Modified Existing Bridge Deck Non-Armored Expansion Joint At Piers	1
SUP-JT(MOD)-301		BR-SS(7.12)-80-118	Modified Existing Bridge Armored Joint At Walkway	1
SUP-JT(MOD)-302		BR-SS(7.11)-80-117	Modified Existing Bridge Non-Armored Joint At Walkway	1
SUP-JT(MOD)-303		BR-SS(7.16)-94-300	Modified Existing Bridge Non-Armored Joint at Parapet (No Walkway)	1
SUP-JT(MOD)-401		BR-SS(7.03)-79-65	Compression Seal Roadway Joints At Piers	1
Bearings - BR				
Bearings for Steel - SB				
SUP-BR(SB)-101		BR-SS(9.08)-99-338	Fixed Bearing Short Length Spans (Grade 50 Steel)	2
SUP-BR(SB)-102		BR-SS(9.07)-99-337	Expansion Bearing Short Length Spans (Grade 50 Steel)	2
SUP-BR(SB)-103		BR-SS(9.06)-99-336	Fixed Bearing Medium Length Spans (Grade 50 Steel)	3
SUP-BR(SB)-104		BR-SS(9.05)-99-335	Bronze Expansion Bearing Medium Length Spans (Grade 50 Steel)	3
Elastomeric Bearings - EB				
SUP-BR(EB)-101	USEABLE DRAFT	N/A	Bearings for Prestressed Concrete Girders General Notes	1
SUP-BR(EB)-102	USEABLE DRAFT	N/A	Expansion Bearings for PCEF Bulb Tee Prestressed Concrete Girders	3
SUP-BR(EB)-103	USEABLE DRAFT	N/A	Fixed Bearings for PCEF Bulb Tee Prestressed Concrete Girders	3
Scuppers - SC				
SUP-SC-101		BR-SS(0.03)-80-112	Type I Bridge Scupper	4
SUP-SC-102		BR-SS(0.04)-81-130	Type IA Bridge Scupper	4
SUP-SC-103		BR-SS(0.05)-83-142	Type II Bridge Scupper	2
SUP-SC-104		BR-SS(0.06)-83-144	Type III Bridge Scupper	2
SUP-SC-105		BR-SS(0.10)-83-148	Type IV Bridge Scupper	4
SUP-SC-106		BR-SS(0.12)-83-151	Type V Bridge Scupper	4
SUP-SC-201		BR-SS(0.07)-83-145	Scupper Downspout Support Bracket for Short Cast Iron Scupper Downspout	1
SUP-SC-202		BR-SS(0.08)-83-146	Scupper Downspout Support Bracket for Long Cast Iron Scupper Downspout	2
SUP-SC-301		BR-SS(6.44)-03-346	Bridge Deck Reinforcement Pattern in Scupper Area for Scupper Types I and IA at F-Shape Parapet with Straight Back	1
SUP-SC-302		BR-SS(6.45)-03-347	Bridge Deck Reinforcement Pattern in Scupper Area for Scupper Types I and IA at F-Shape Parapet with Diamond Back	1
SUP-SC-303		BR-SS(6.46)-03-348	Bridge Deck Reinforcement Pattern in Scupper Area for Scupper Types I and IA at F-Shape Parapet with Architectural Finish	1
SUP-SC-304		BR-SS(6.29)-85-171	Bridge Deck Reinforcement Pattern in Scupper Area for Scupper Types I, IA, IV and V at Sidewalk	1
SUP-SC-401		M(6.04)-80-119	Splash Blocks for Scupper Outlets	1
Maintenance of Traffic - MOT				

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
MOT-101		M(5.09)-83-143	Temporary Precast Single Face F-Type Concrete Barrier	4
MOT-102		M(5.10)-84-158	Temporary Precast Double Face F- Type Concrete Barrier	4
MOT-201		M(8.01)-83-153	Detail of Temporary Slab Underpinning During Stage Construction	1
MOT-301		M(5.08)-79-82	Temporary Movable Barricade	2
Retaining Walls - RW				
RW-101		RW(6.02)-83-133	Standard Retaining Wall - General Notes	1
RW-102		RW(6.03)-83-134	Type A Retaining Wall Section (for Excellent Soil Condition and Two Foot Surcharge)	1
RW-103		RW(6.04)-83-135	Type B Retaining Wall Section (for Good Soil Condition and Two Foot Surcharge)	1
RW-104		RW(6.05)-83-136	Type C Retaining Wall Section (for Poor Soil Condition and Two Foot Surcharge)	1
RW-105		RW(6.06)-02-340	Type D Retaining Wall Section (for Excellent Soil Condition and Sloping Groundline)	1
RW-106		RW(6.07)-02-341	Type E Retaining Wall Section (for Good Soil Condition and Sloping Groundline)	1
RW-107		RW(6.08)-02-342	Type F Retaining Wall Section (for Poor Soil Condition and Sloping Groundline)	1
RW-108		RW(6.09)-02-343	Type G Retaining Wall Section (for Pile Footing and Two Foot Surcharge)	2
RW-109		RW(6.10)-02-344	Type H Retaining Wall Section (for Pile Footing and Sloping Groundline)	2
RW-201	FOR OFFICE USE ONLY	RW(6.11)-02-345	Standard Retaining Wall Standard Details	2
RW-301		RW(0.01)-80-100	Retaining Wall and Wing Wall Drainage Systems	1
RW-401		RW(6.13)-83-157	Concrete Retaining Wall Contraction and Expansion Joints	1
RW-402		RW(6.12)-83-155	Stepped Footing Detail	1
RW-403		RW(6.14)-89-201	Stepped Footing Detail with Piles	1
RW-501	FOR OFFICE USE ONLY	M(6.03)-79-77	Reinforcement Adjustment At Utility And/Or Pipe Opening In Wall	1
Box Culverts - BC				
BC-101		BC(6.01)-75-1	Box Culvert Headwall and Toewall Details	1
BC-102		BC(6.02)-75-6	Headwall For Multi-Celled Box Culvert Groove Details	1
BC-201		BC(6.03)-75-9	Contraction Joint For Box Culvert Barrel	1
BC-202		BC(6.04)-75-10	Box Culvert Wing Wall Construction Joint	1
BC-301		BC(6.05)-76-36	Expansion Joint For Box Culvert Barrel	1
BC-302		BC(6.06)-76-37	Box Culvert Wing Wall Expansion Joint	1
BC-401		BC(6.07)-76-38	Typical Section For Single Box Culvert	1
BC-402		BC(6.08)-76-39	Typical Section Multi-Celled Box Culvert	1
BC-501		BC(6.09)-89-200	Tie-In Detail for Box Culvert Bottom Slab and Wing Wall Footing	1
Reinforcing Details - REBAR				
Bar Laps - BL				
REBAR-BL-101		M(6.07)-81-127	Bar Lap Dimensions for Grade 60 Reinforcing Steel in Mix No. 3 (3500 P.S.I.) Concrete	3

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
REBAR-BL-102		M(6.06)-81-126	Bar Lap Dimensions for Grade 60 Reinforcing Steel in Lightweight (4500 P.S.I.) Concrete	3
REBAR-BL-103		M(6.05)-80-122	Bar Lap Dimensions for Grade 60 Reinforcing Steel In Mix No. 6 (4500 P.S.I.) Concrete	3
Development Length - DL				
REBAR-DL-101		M(6.14)-90-214	Development Length Dimensions for Grade 60 Reinforcing Steel in Mix No. 3 (3500 P.S.I.) Concrete	3
REBAR-DL-102		M(6.15)-90-215	Development Length Dimensions for Grade 60 Reinforcing Steel in Lightweight (4500 P.S.I.) Concrete	3
REBAR-DL-103		M(6.16)-90-216	Development Length Dimensions for Grade 60 Reinforcing Steel in Mix No. 6 (4500 P.S.I.) Concrete	3
REBAR-DL-201		M(6.08)-86-178	Development Length Dimensions of Hooked Bars for Grade 60 Reinforcing Steel in Mix No. 3 (3500 P.S.I.) Concrete	1
REBAR-DL-202		M(6.09)-86-179	Development Length Dimensions of Hooked Bars for Grade 60 Reinforcing Steel in Lightweight (4500 P.S.I.) Concrete	1
REBAR-DL-203		M(6.10)-86-180	Development Length Dimensions of Hooked Bars for Grade 60 Reinforcing Steel in Mix No. 6 (4500 P.S.I.) Concrete	1
Bar Bends - BB				
REBAR-BB-101		REBAR-BD(00.1)-94-296	Bar Bend Types	8
REBAR-BB-102		REBAR-BD(9.05)-97-320	Reinforcing Steel Hook Tables and Diagrams	2
Existing Reinforcing Details - ER				
REBAR-ER-101		M(6.01)-75-12	Splicing to Existing Reinforcing Steel	2
Aesthetics - AES				
AES-101		BR-SB(6.41)-94-299	Groove Detail for Substructure Elements	1
AES-201		M(6.11)-86-181	Trapezoidal Striation Details for Bridge Substructure Units and Retaining Walls	2
AES-202		M(6.13)-86-183	Trapezoidal Striation Layout for Bridge Substructure Units and Retaining Walls	1
AES-203		M(6.12)-86-182	Trapezoidal Striation Corner Details	2
Structure Inventory - SI				
SI-101		M(0.04)-99-331	Location of Year Built Marking and Structure Inventory Number on Bridges	1
SI-102		BR-MAINT(0.02)-00-339	Small Structure Sign and Placement Details	1
SI-103		M(0.05)-99-332	Location of Year Built Marking and Structure Inventory Number on Headwalls for Pipes and Box Culverts	1
SI-104		M(0.06)-99-333	Location of Year Built Marking and Structure Inventory Number on Retaining Walls	1
SI-201		M(0.07)-99-334	Numerals for Year Built Marking on Structures	2
Structure Repairs - SR				

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
Pile Repairs - PR				
SR-PR-101		BR-SR(0.01)-95-304	Splice For Connecting Existing Timber Piling To New Timber Piling	8
Protective Pile Jackets - PJ				
SR-PJ-101		N/A	Fiberglass Protective Pile Jacket for Existing Piles	4
SR-PJ-102		N/A	Nylon Form Protective Pile Jacket for Existing Piles	3
Jacking Beam Details - JB				
SR-JB-101		BR-SR(0.03)-95-306	Jacking Beam Design Guidelines	1
SR-JB-102		BR-SR(0.04)-95-307	Jacking Details	6
Invert Paving - IP				
SR-IP-101		N/A	Invert Paving of Existing Pipe - General Notes	1
SR-IP-102		N/A	Invert Paving of Existing Pipe - Construction Notes	1
SR-IP-103		N/A	Invert Paving of Existing Pipe - Notice to Contractors	1
SR-IP-104		N/A	Invert Paving of Existing Pipe - Sequence of Construction	1
SR-IP-201		N/A	Invert Paving of Existing Circular Metal Pipe	1
SR-IP-202		N/A	Invert Paving of Existing Metal Pipe Arch	1
SR-IP-203		N/A	Invert Paving of Existing Circular Metal Pipe with Drop Inlet Pipe	1
SR-IP-204		N/A	Invert Paving Extensions of Existing Circular Metal Pipe with Previous Invert Paving	1
SR-IP-301		N/A	Invert Paving of Existing Circular Concrete Pipe	1
SR-IP-302		N/A	Invert Paving of Existing Concrete Pipe Arch	1
SR-IP-401		N/A	Invert Paving of Existing Box Culvert	1
SR-IP-402		N/A	Invert Paving of Existing Box Culvert with Curtain Wall	1
SR-IP-403		N/A	Invert Paving of Existing Box Culvert with Drop Inlet Pipe	1
Pipe and Culvert Lining - PCL				
SR-PCL-101		N/A	Lining of Existing Culvert - General Notes	1
SR-PCL-102		N/A	Lining of Existing Culvert - Construction Notes	1
SR-PCL-103		N/A	Lining of Existing Culvert - Notice to Contractors	1
SR-PCL-104		N/A	Lining of Existing Culvert - Sequence of Construction	1
SR-PCL-201		N/A	Lining of Existing Culvert - Circular Metal Pipe	1
SR-PCL-202		N/A	Pipe Lining of Existing Metal Pipe Arch	1
SR-PCL-203		N/A	Pipe Plating of Existing Circular Metal Pipe for Isolated Defects	1
SR-PCL-204		N/A	Pipe Plating of Existing Circular Metal Pipe around Defective Joints and Circumferential Deterioration	1
SR-PCL-205		N/A	Pipe Plating of Existing Metal Pipe Arch for Isolated Defects	1
SR-PCL-206		N/A	Pipe Plating of Existing Metal Pipe Arch around Defective Joints and Circumferential Deterioration	1
Fatigue Cracks and Gouge Repairs - FC				
SR-FCG-101		N/A	Fatigue Crack Repairs for Structural Steel - General Notes	1
SR-FCG-102		N/A	Fatigue Crack Repairs for Structural Steel - Construction Notes and Details	1

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
SR-FCG-201		N/A	Gouge Repair Details	1
Beam End Plating - BEP				
SR-BEP-101		N/A	Beam End Plating - General Notes	1
SR-BEP-201		N/A	Girder/Beam End Plating Details - Concrete Diaphragm (Non-Structural)	2
SR-BEP-301		N/A	Interior Girder/Beam End Plating Details - Steel Diaphragm with Deterioration below Diaphragm	2
SR-BEP-302		N/A	Interior Girder/Beam End Plating Details - Concrete Diaphragm	2
SR-BEP-401		N/A	Exterior Girder/Beam End Plating Outside Face without Stiffener Details - Concrete Diaphragm	2
SR-BEP-402		N/A	Exterior Girder/Beam End Plating Outside Face with Stiffener Details - Concrete Diaphragm	2
Cast-in-Place Concrete Repairs - CIP				
SR-CIP-101		N/A	Cast-In-Place Concrete Sequence and Repair Details	2
SR-CIP-201		N/A	Pneumatically Applied Mortar Sequence and Repair Details for Concrete Pier Walls	1
SR-CIP-202		BR-SR(0.02)-95-305	Pneumatically Applied Mortar Sequence and Repair Details	
Roadway Joint - RJ				
SR-RJ-101		N/A	Installing Retainer Bars and New Compression Seals	1
SR-RJ-102		N/A	Installing Pourable Joint Seals for for Existing Bridge Decks with Armored	1
SR-RJ-103		N/A	Installing Pourable Joint Seals for for Existing Bridge Decks with Non-Armored Joints	1
SR-RJ-104		N/A	Installing Preformed Joint Seals	1
SR-RJ-201		N/A	Roadway Angle Repair Details (Backwall - Armored Joint)	1
SR-RJ-202		N/A	Roadway Angle Repair Details (Backwall - Non Armored Joint)	1
SR-RJ-203		N/A	Roadway Angle Repair Details (Deck - Armored Joint)	1
Traffic Plating - TP				
SR-TP-101		N/A	Traffic Plating Details	2
Drainage Trough for Existing Structures - DT				
SR-DT-101		BR-SR(0.05)-95-308	Drainage Trough Detail at Pier For Existing Structure	8
SR-DT-102		BR-SR(0.06)-95-309	Drainage Trough Detail at Abutment For Existing Structure	7
SR-DT-103	DRAFT	N/A	Details for Replacing Sections of Existing Neoprene Drainage Troughs	1
Bearing Restraint System - BRS				
SR-BRS-101	DRAFT	N/A	Elastomeric Restraint System	2
Temporary Steel Bent - TSB				
SR-TSB-101	DRAFT	N/A	Steel Replacement/Temporary Bent Material List	1
SR-TSB-102	DRAFT	N/A	Steel Replacement/Temporary Bent for Steel Stringer Bridges	3
SR-TSB-103	DRAFT	N/A	Steel Replacement/Temporary Bent for Timber/Concrete Composite or Concrete Slab Bridges	6

New Standard Number	Status (For Office use Only, Useable Draft, Preliminary Draft)	Existing Standard Number	Description	# of Sheets
<i>Riprap and Grout Bag Underpinning - UP</i>				
SR-UP-101		BR-SR(0.07)-96-314	Grout Bag Installation General Notes	1
SR-UP-201		BR-SR(0.08)-96-315	Grout Bag Installation for Undermined Areas at Piers and Abutments General Notes	1
SR-UP-202		BR-SR(0.09)-96-316	Grout Bag Section	7
SR-UP-203	DRAFT	N/A	Grout Bag Section - Case where Scour and Underpinning has Occurred at Headwall (without Apron)	1
SR-UP-204	DRAFT	N/A	Grout Bag Section - Case where Scour and Underpinning has Occurred at Headwall (with Apron)	1
SR-UP-301	DRAFT	N/A	Riprap Underpinning and Armoring Section	1
<i>Noise Wall Repairs - NW</i>				
SR-NW-101		BR-SR(0.10)-07-378	Noise Wall Panel Restraint Detail - General Notes	2
SR-NW-102		BR-SR(0.11)-07-379	Noise Wall Panel Restraint Detail - Wedge	1
SR-NW-103		BR-SR(0.12)-07-380	Noise Wall Panel Restraint Detail - Stand Alone Concrete Posts	1
SR-NW-104		BR-SR(0.12)-07-381	Noise Wall Panel Restraint Detail - Concrete Noise Wall with Integral Posts	1
SR-NW-105		BR-SR(0.12)-07-382	Noise Wall Panel Restraint Detail - Steel Posts	1
SR-NW-106		BR-SR(0.12)-07-383	Noise Wall Panel Restraint Detail - Skewed Panel Connection - Special Steel Posts	1