

TABLE OF CONTENTS
FY 2018-19 - FDOT STANDARD PLANS FOR BRIDGE CONSTRUCTION

<i>Design Standards Index</i>	<i>Standard Plans Index</i>	<i>Index Title</i>	<i>Design Standards Index</i>	<i>Standard Plans Index</i>	<i>Index Title</i>
<u>General Construction Operations</u>			<u>Structures Foundations</u>		
<u>Maintenance of Traffic</u>			20600	455-001	Square Prestressed Concrete Piles - Typical Details & Notes
21600	102-200	Temporary Detour Bridge General Notes and Details	20601	455-002	Square Prestressed Concrete Pile Splices
21610	102-210	Temporary Detour Bridge - Timber Pile Foundations	20602	455-003	Square Prestressed Concrete Piles - EDC Instrumentation
21620	102-220	Temporary Detour Bridge - Steel H Pile Foundations	20612	455-012	12" Square Prestressed Concrete Pile
21630	102-230	Temporary Detour Bridge - Steel Pipe Pile Foundations	20614	455-014	14" Square Prestressed Concrete Pile
21640	102-240	Temporary Detour Bridge Thrie - Beam Guardrail	20618	455-018	18" Square Prestressed Concrete Pile
<u>Structures</u>			20620	455-020	20" Square Prestressed Concrete Pile
<u>Concrete Structures</u>			20624	455-024	24" Square Prestressed Concrete Pile
20900	400-090	Approach Slabs (Flexible Pavement Approaches)	20630	455-030	30" Square Prestressed Concrete Pile
20910	400-091	Approach Slabs (Rigid Pavement Approaches)	20631	455-031	30" Square Prestressed Concrete Pile - High Moment Capacity
20510	400-510	Composite Elastomeric Bearing Pads - Prestressed Florida-I & AASHTO Type II Beams	20654	455-054	54" Precast/Post-Tensioned Concrete Cylinder Pile
289	400-289	Concrete Box Culvert Details	20660	455-060	60" Prestressed Concrete Cylinder Pile
291	400-291	Precast Concrete Box Culverts Supplemental Details	22600	455-101	Square CFRP & SS Prestressed Concrete Piles - Typical Details & Notes
292	400-292	Standard Precast Concrete Box Culverts	22601	455-102	Square CFRP & SS Prestressed Concrete Pile Splices
21300	415-001	Bar Bending Details (Steel)	22612	455-112	12" Square CFRP & SS Prestressed Concrete Pile
<u>Precast Prestressed Concrete Construction</u>			22614	455-114	14" Square CFRP & SS Prestressed Concrete Pile
20010	450-010	Florida-I Beam - Typical Details and Notes	22618	455-118	18" Square CFRP & SS Prestressed Concrete Pile
20036	450-036	Florida-I 36 Beam - Standard Details	22624	455-124	24" Square CFRP & SS Prestressed Concrete Pile
20045	450-045	Florida-I 45 Beam - Standard Details	22630	455-130	30" Square CFRP & SS Prestressed Concrete Pile
20054	450-054	Florida-I 54 Beam - Standard Details	22654	455-154	54" Precast/Post-Tensioned CFRP & SS Concrete Cylinder Pile
20063	450-063	Florida-I 63 Beam - Standard Details	22660	455-160	60" Prestressed CFRP and SS Concrete Cylinder Pile
20072	450-072	Florida-I 72 Beam - Standard Details	<u>Bridge Deck Joints</u>		
20078	450-078	Florida-I 78 Beam - Standard Details	21100	458-100	Expansion Joint System - Strip Seal
20084	450-084	Florida-I 84 Beam - Standard Details	21110	458-110	Expansion Joint System - Poured Joint with Backer Rod
20096	450-096	Florida-I 96 Beam - Standard Details	<u>Structural Steel and Miscellaneous Metals</u>		
20120	450-120	AASHTO Type II Beam	21250	460-250	Access Hatch Assembly for Steel Box Sections
20199	450-199	Prestressed I-Beams Build-Up and Deflection Data	21251	460-251	Access Hatch Assembly for Concrete Box Sections
20210	450-210	Florida-U Beam - Typical Details and Notes	21252	460-252	Access Door Assembly for Steel Box Sections
20248	450-248	Florida-U 48 Beam - Standard Details	470	460-470	Traffic Railing - (Thrie Beam Retrofit) Typical Details & Notes
20254	450-254	Florida-U 54 Beam - Standard Details	471	460-471	Traffic Railing - (Thrie Beam Retrofit) Narrow Curb
20263	450-263	Florida-U 63 Beam - Standard Details	472	460-472	Traffic Railing - (Thrie Beam Retrofit) Wide Strong Curb Type 1
20272	450-272	Florida-U 72 Beam - Standard Details	473	460-473	Traffic Railing - (Thrie Beam Retrofit) Wide Strong Curb Type 2
20299	450-299	Florida-U Beams Build-up & Deflection Data	474	460-474	Traffic Railing - (Thrie Beam Retrofit) Intermediate Curb
20502	450-502	Beveled Bearing Plate Details - Prestressed Florida-U Beams	475	460-475	Traffic Railing - (Thrie Beam Retrofit) Wide Curb Type 1
20511	450-511	Bearing Plates (Type 1) - Prestressed Florida-I & AASHTO Type II Beams	476	460-476	Traffic Railing - (Thrie Beam Retrofit) Wide Curb Type 2
20512	450-512	Bearing Plates (Type 2) - Prestressed Florida-I & AASHTO Type II Beams	477	460-477	Thrie-Beam Panel Retrofit (Concrete Handrail)

TABLE OF CONTENTS
 FY 2018-19 - FDOT STANDARD PLANS FOR BRIDGE CONSTRUCTION

<i>Design Standards Index</i>	<i>Standard Plans Index</i>	<i>Index Title</i>
<u>Structures (Cont.)</u>		
<i>Post-Tensioning</i>		
21801	462-001	<i>Post-Tensioning Vertical Profiles</i>
21802	462-002	<i>Post-Tensioning Anchorage Protection</i>
21803	462-003	<i>Post-Tensioning Anchorage and Tendon Filling Details</i>
<i>Fiber Reinforced Polymer Fender Systems</i>		
21930	471-030	<i>Fender System - Prestressed Concrete Piles and FRP Wales</i>
<u>Incidental Construction</u>		
<i>Navigation Lights for Fixed Bridges</i>		
21220	510-001	<i>Navigation Light System Details (Fixed Bridges)</i>
<i>Metal Pedestrian/Bicycle Railings, Guiderails and Handrails</i>		
821	515-021	<i>Pedestrian/Bicycle Bullet Railing for Traffic Railing</i>
822	515-022	<i>Pedestrian/Bicycle Bullet Railing Details</i>
851	515-051	<i>Bridge Pedestrian/Bicycle Railing (Steel)</i>
861	515-061	<i>Bridge Pedestrian/Bicycle Railing (Aluminum)</i>
<i>Concrete Barriers, Traffic Railing and Parapets</i>		
404	521-404	<i>Guardrail Transitions - Existing Post & Beam Bridge Railings (Narrow & Recessed Curbs)</i>
405	521-405	<i>Guardrail Transitions - Existing Post & Beam Bridge Railings (Wide Curbs)</i>
422	521-422	<i>Traffic Railing - (42" Vertical Shape)</i>
423	521-423	<i>Traffic Railing - (32" Vertical Shape)</i>
426	521-426	<i>Traffic Railing - (Median 36" Single-Slope)</i>
427	521-427	<i>Traffic Railing - (36" Single-Slope)</i>
428	521-428	<i>Traffic Railing - (42" Single-Slope)</i>
480	521-480	<i>Traffic Railing - (Vertical Face Retrofit) Typical Details & Notes</i>
481	521-481	<i>Traffic Railing - (Vertical Face Retrofit) Narrow Curb</i>
482	521-482	<i>Traffic Railing - (Vertical Face Retrofit) Wide Curb</i>
483	521-483	<i>Traffic Railing - (Vertical Face Retrofit) Intermediate Curb</i>
484	521-484	<i>Traffic Railing - (Vertical Face Retrofit) Spread Footing Approach</i>
New	521-509	<i>Traffic Railing/Noise Wall (8'-0") - Bridge</i>
21200	521-660	<i>Light Pole Pedestal - Bridge</i>
820	521-820	<i>27" Concrete Parapet Pedestrian/Bicycle with Bullet Railing</i>
825	521-825	<i>42" Concrete Pedestrian/Bicycle Railing</i>
<i>Fencing - Type R</i>		
810	550-010	<i>Bridge Fencing (Vertical)</i>
811	550-011	<i>Bridge Fencing (Curved Top)</i>
812	550-012	<i>Bridge Fencing (Enclosed)</i>
New	550-013	<i>Bridge Fencing (Over Railroad)</i>

<i>Design Standards Index</i>	<i>Standard Plans Index</i>	<i>Index Title</i>
<u>Traffic Control Signals and Devices</u>		
<i>Conduit</i>		
21210	630-010	<i>Conduit Details - Embedded</i>
<u>Signing, Pavement Markings and Lighting</u>		
<i>Highway Lighting Systems</i>		
21240	715-240	<i>Maintenance Lighting for Box Girders</i>