



TYPE III PSC BEAMS SHOWN.
ATTACHMENT TO TYPE II AND
TYPE V PSC BEAMS SIMILAR.

HANGER ASSEMBLY SHALL NOT EXTEND
BELOW BOTTOM OF BEAMS.

CONDUIT SUPPORT FOR
PSC BEAMS

FIGURE 1

SR 400 OVER SIDNEY MARCUS BLVD
SR 400 OVER OLD IVY ROAD
SR 400 OVER MOUNTAIN CREEK AND MOUNTAIN WAY
SR 400 OVER NANCY CREEK

NOTES

COMMUNICATION CONDUIT SHALL BE INSTALLED BY THE CONTRACTOR ON THE FOLLOWING BRIDGES:

1. SR 400 OVER SIDNEY MARCUS BLVD ----- (BRIDGE NO. 6L AND 6R)
2. SR 400 OVER OLD IVY ROAD ----- (BRIDGE NO. 12)
3. SR 400 OVER MOUNTAIN CREEK AND MOUNTAIN WAY ----- (BRIDGE NO. 14)
4. SR 400 OVER NANCY CREEK ----- (BRIDGE NO. 16)

FINAL STRUCTURAL PLANS FOR THESE BRIDGES ARE INCLUDED IN THE COMMUNICATION CONDUIT PLANS. PROPOSED CONNECTIONS ARE SHOWN ON THE BRIDGE PLAN AND ELEVATION AND DECK PLAN SHEETS. BRIDGE DECK CROSS SECTION, BACKWALL, ENDWALL, BEAM, AND DIAPHRAGM DETAILS ARE INCLUDED FOR INFORMATION ONLY. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE DEPARTMENT OF TRANSPORTATION. METHODS OF ATTACHING THE CONDUIT TO EACH BRIDGE AS A MINIMUM, THE DETAILS SHALL INCLUDE THE FOLLOWING:

1. HANGER DETAILS OF ATTACHMENT TO THE BRIDGE INCLUDING MATERIALS, HANGER SPACING, AND METHODS OF ATTACHMENT TO THE BEAM.
2. LOCATION AND SIZE OF OPENINGS GOING THROUGH THE BRIDGE BACKWALLS OR ENDWALLS. AT BRIDGE NO. 14, PROVIDE LOCATION AND SIZE OF OPENINGS FOR GOING THROUGH THE BRIDGE BEAMS AT BENTS 2 AND 6.
3. PROVISION FOR HANDLING CONFLICT WITH EXISTING UTILITIES, BRIDGE DRAINAGE STRUCTURES, ETC. WHERE APPLICABLE.

THE ABOVE DETAILS SHALL BE IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

1. ALL STEEL COMPONENTS, UNLESS OTHERWISE NOTED, SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM-A123 OR ASTM-A153. REPAIRS TO GALVANIZING SHALL BE IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS.
2. THE CONDUIT SHALL BE SUSPENDED BELOW ALL EDGE BEAMS (EXCEPT BRIDGE NO. 14, BENTS 2 AND 6) AND DIAPHRAGMS. THE CONDUIT SHALL NOT EXTEND BELOW THE BOTTOM OF THE BRIDGE BEAMS.
3. SIZE OF OPENINGS THROUGH BACKWALLS, ENDWALLS, DIAPHRAGMS, AND EDGE BEAMS SHALL BE KEPT TO A MINIMUM.
4. ATTACHMENTS TO PRESTRESSED BEAM BRIDGES SHALL BE IN ACCORDANCE WITH FIGURE 1.

VOID

REVISIONS		DATE		GEORGIA DEPARTMENT OF TRANSPORTATION PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN	
				BRIDGE ATTACHMENTS FOR CONDUIT SR 400 FROM I-85 TO I-285 FULTON COUNTY CM-056-1 (56)	
				NO SCALE AUGUST 2000	
DESIGNED WEI DRAWN KWK		CHECKED CCP DESIGN GROUP WEI		REVIEWED JPT/MCD APPROVED PVL	