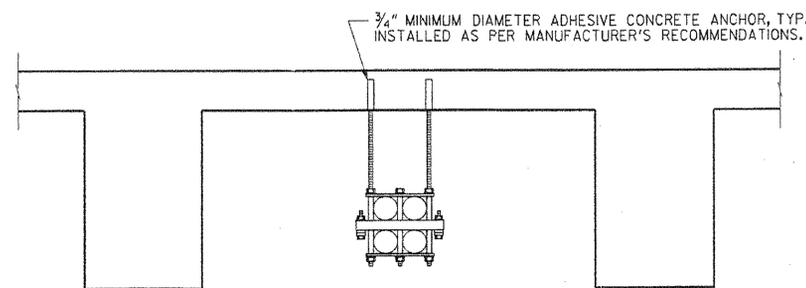


HANGER ASSEMBLY SHALL NOT EXTEND BELOW BOTTOM OF BEAMS.

CONDUIT SUPPORT FOR STEEL BEAMS OR GIRDERS

FIGURE 1

- I-285 OVER DEL MAR LANE
- MLK DRIVE OVER I-285
- I-285 OVER CASCADE ROAD
- I-285 OVER MOUNT GILEAD ROAD
- I-285 OVER GREENBIER PARKWAY
- I-285 OVER NORTH CAMP CREEK PARKWAY
- CAMP CREEK PARWAY OVER I-285
- WASHINGTON ROAD OVER I-285
- I-285 OVER ROOSEVELT HWY AND CSX RR



HANGER ASSEMBLY SHALL NOT EXTEND BELOW BOTTOM OF BEAMS.

CONDUIT SUPPORT FOR RCDG BEAMS

FIGURE 2

- I-285 OVER NORTH UTOY CREEK
- I-285 OVER SOUTH UTOY CREEK
- I-285 OVER SOUTH FORK CAMP CREEK

NOTES

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

1. I-285 OVER DEL MAR LANE----- (BRIDGE NO. 25 AND 26)
2. MLK DRIVE OVER I-285----- (BRIDGE NO. 24)
3. I-285 OVER NORTH UTOY CREEK----- (BRIDGE NO. 23 AND 24)
4. I-285 OVER CASCADE ROAD----- (BRIDGE NO. 20 AND 21)
5. I-285 OVER SOUTH UTOY CREEK----- (BRIDGE NO. 18 AND 19)
6. I-285 OVER MOUNT GILEAD ROAD----- (BRIDGE NO. 16 AND 17)
7. I-285 OVER GREENBIER PARKWAY----- (BRIDGE NO. 11A AND 11B)
8. I-285 OVER NORTH CAMP CREEK PARKWAY----- (BRIDGE NO. 10 AND 11)
9. CAMP CREEK PARKWAY OVER I-285----- (BRIDGE NO. 7 AND 8)
10. I-285 OVER SOUTH FORK CAMP CREEK----- (BRIDGE NO. 5 AND 6)
11. WASHINGTON ROAD OVER I-285----- (BRIDGE NO. 4)
12. I-285 OVER ROOSEVELT HWY AND CSX RR----- (BRIDGE NO. 2)

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

1. HANGER DETAILS FOR ATTACHMENT TO THE BRIDGE INCLUDING MATERIALS, HANGER SPACING, AND METHODS OF ATTACHMENT TO THE BRIDGE.
2. LOCATION AND SIZE OF OPENINGS FOR GOING THROUGH THE BRIDGE BACKWALLS, ENDWALLS OR CONCRETE DIAPHRAGMS.
3. PROVISION FOR HANDLING CONFLICTS 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 STANDARD SPECIFICATIONS.
2. THE CONDUIT SHALL BE SUSPENDED FROM SLAB AND BELOW ALL EDGE BEAMS AND STEEL DIAPHRAGMS EXCEPT BRIDGE NO. 4 WHERE CONDUIT SHALL BE THREADED THROUGH CROSS FRAMES. THE SIZE OF OPENINGS THROUGH FULL DEPTH CONCRETE DIAPHRAGMS SHALL BE KEPT TO A MINIMUM. THE CONDUIT SHALL NOT EXTEND BELOW THE BOTTOM OF THE BRIDGE BEAMS.
3. BOTTOM TRANSVERSE BARS IN FULL DEPTH DIAPHRAGMS SHALL NOT BE CUT. OPENINGS FOR CONDUIT SHALL PROVIDE A MINIMUM OF 2" CLEARANCE TO THESE BARS.
4. SIZE OF OPENINGS THROUGH CONCRETE ENDWALLS AND BACKWALLS SHALL BE KEPT TO A MINIMUM.
5. ATTACHMENTS SHALL BE IN ACCORDANCE WITH FIGURES 1 AND 2.

DATE	GEORGIA DEPARTMENT OF TRANSPORTATION PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN		
	BRIDGE ATTACHMENTS FOR CONDUITS I-285 FROM I-85/UNION CITY N. TO I-20W FULTON COUNTY CM-285-1(377)		
REVISIONS	NO SCALE		NOVEMBER 2005
	DESIGNED: WEI	CHECKED: VMW	REVIEWED: WEI/HST
BRIDGE SHEET	BY	DRWN: KWK	DESIGN GROUP: WEI
1 OF 1			APPROVED: PVL