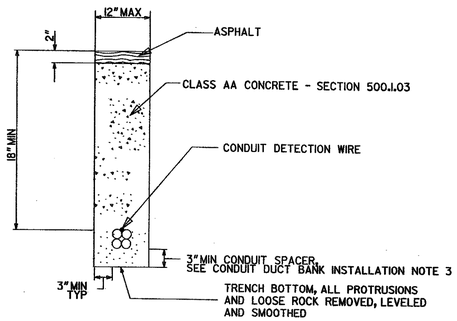
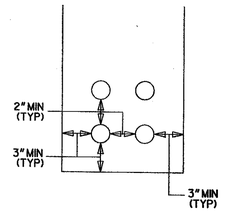
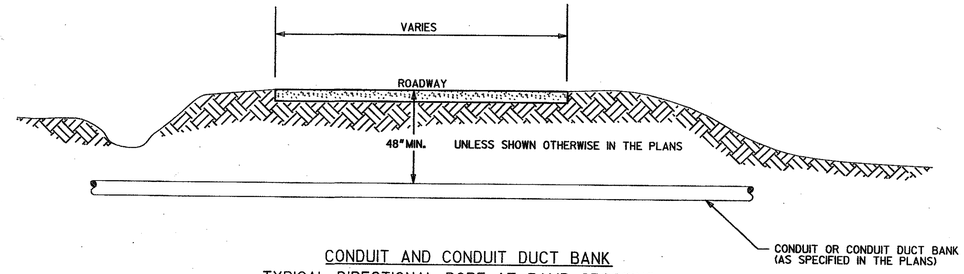
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CM-575-1(34)	65	113



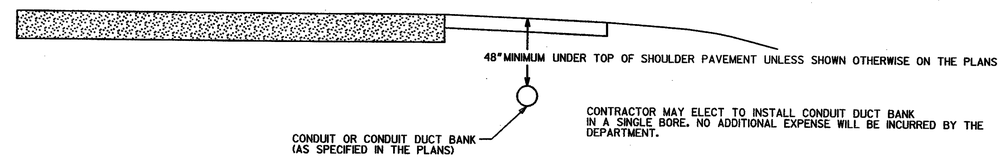
TYPICAL SECTION OF CONDUIT DUCT BANK
TRENCH UNDER ASPHALT PAVED SHOULDER



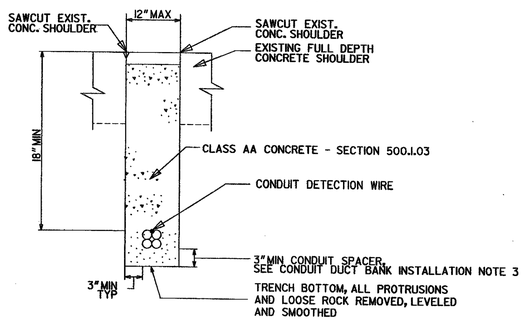
CONDUIT DUCT BANK
ECB AND PB TERMINATION



CONDUIT AND CONDUIT DUCT BANK
TYPICAL DIRECTIONAL BORE AT RAMP CROSSING



CONDUIT AND CONDUIT DUCT BANK
TYPICAL DIRECTIONAL BORE SECTION



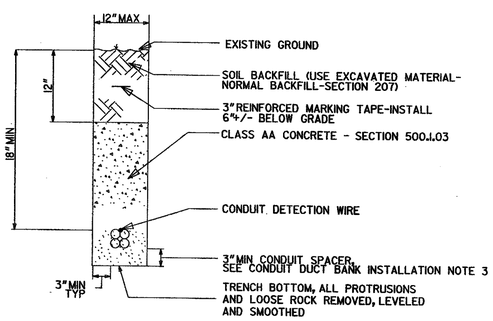
TYPICAL SECTION OF CONDUIT DUCT BANK
TRENCH UNDER CONCRETE SHOULDER

CONDUIT AND CONDUIT DUCT BANK INSTALLATION

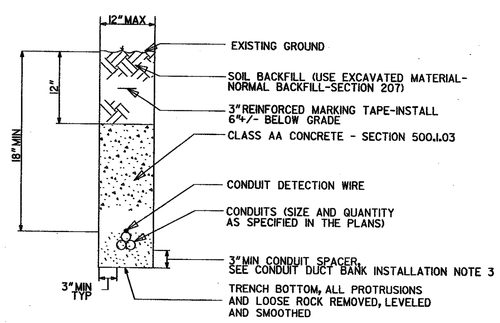
1. UNLESS OTHERWISE SPECIFIED ON THE PLANS, CONDUIT AND CONDUIT DUCT BANK MAY BE INSTALLED BY TRENCHING OR DIRECTIONAL BORING, AT THE CONTRACTOR'S OPTION. THE CONTRACTOR MAY USE BOTH OPTIONS, DEPENDING ON FIELD CONDITIONS, HOWEVER ONLY ONE METHOD SHALL BE USED BETWEEN ACCESS BOXES (PULLBOX OR ECB).
2. THE BID PRICE FOR CONDUIT AND CONDUIT DUCT BANK SHALL INCLUDE THE COST FOR ALL LABOR AND MATERIALS REQUIRED TO INSTALL CONDUIT BY EITHER OPEN TRENCH OR DIRECTIONAL BORE.
3. CONDUIT SPACERS SHALL BE USED AT 6 FT O.C. TO SUPPORT THE CONDUIT BUNDLES ABOVE THE TRENCH BOTTOM. SPACERS MAY BE PLASTIC, STEEL, CONCRETE BLOCKS OR OTHER APPROVED DEVICES.
4. THE MINIMUM BENDING RADIUS FOR CONDUIT AND CONDUIT DUCT BANK SHALL BE 10 TIMES THE DIAMETER OF THE THICKEST FIBER OPTIC CABLE TO BE INSTALLED IN A CONDUIT LINK.

CONSTRUCTION NOTES FOR CONCRETE SHOULDER

1. LIMITS OF TRENCH SHALL BE SAW CUT. AT LOCATIONS OF EXISTING LONGITUDINAL JOINT, THAT JOINT SHALL BE USED AS ONE SIDE OF TRENCH.
2. AT TRANSVERSE JOINTS THE CONTRACTOR SHALL SEAL NEW JOINT TO MATCH EXISTING WITH APPROVED JOINT MATERIALS.
3. THE COST FOR SAW CUTTING, CONCRETE REMOVAL, AND SEALING JOINTS SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT DUCT BANK TYPE 3.



TYPICAL SECTION OF CONDUIT DUCT BANK TRENCH



TYPICAL SECTION OF CONDUIT TRENCH

GRESHAM SMITH AND PARTNERS

NOT TO SCALE

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
OFFICE OF TRAFFIC SAFETY & DESIGN

DATE	REVISIONS

I-575 ATMS
CONDUIT AND CONDUIT DUCT BANK TYPE 3 INSTALLATION DETAILS

PROJECT - CM-575-1(34)
COUNTY - COBB/CHEROKEE
DATE - 05/02/06 SHEET 40-1

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5/2/2006