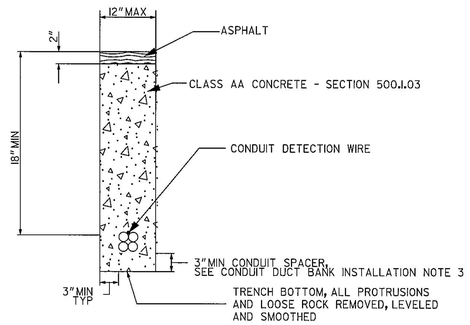
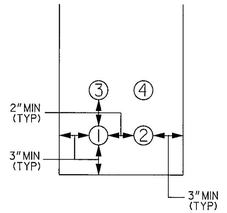
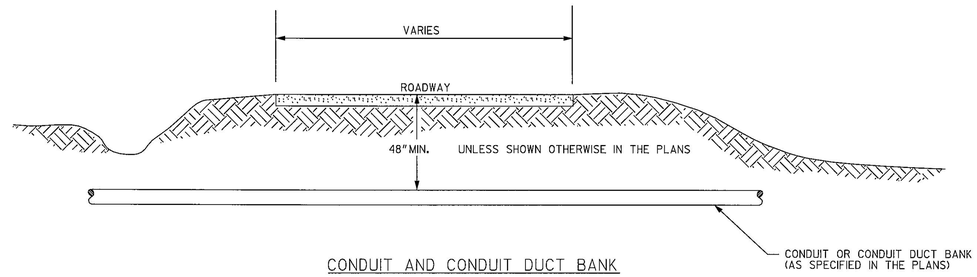


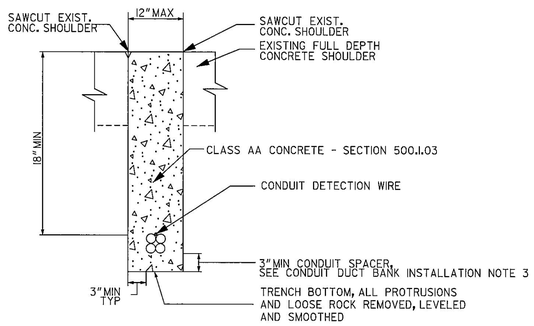
TYPICAL SECTION OF CONDUIT DUCT BANK
TRENCH UNDER ASPHALT PAVED SHOULDER



CONDUIT DUCT BANK
ECB AND PB TERMINATION



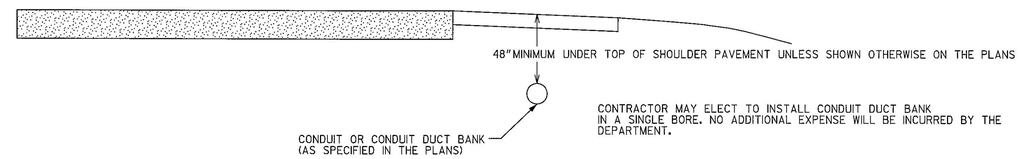
CONDUIT AND CONDUIT DUCT BANK
TYPICAL DIRECTIONAL BORE AT RAMP CROSSING



TYPICAL SECTION OF CONDUIT DUCT BANK
TRENCH UNDER CONCRETE SHOULDER

CONDUIT ID	NOMINAL INSIDE DIAMETER (INCHES)	BASE COLOR	STRIPE COLOR
1	2	BLUE	NONE
2	2	ORANGE	NONE
3	2	YELLOW	NONE
4	2	RED	NONE

CONDUIT DUCT BANK COLOR CODE



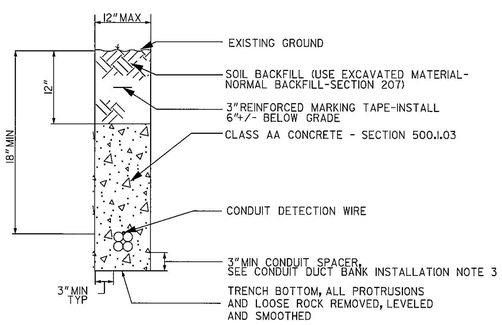
CONDUIT AND CONDUIT DUCT BANK
TYPICAL DIRECTIONAL BORE SECTION

CONDUIT AND CONDUIT DUCT BANK INSTALLATION

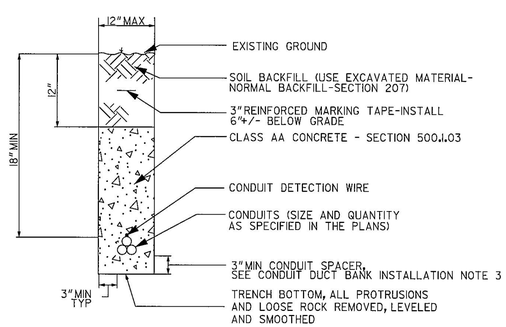
1. UNLESS OTHERWISE SPECIFIED ON THE PLANS, CONDUIT AND CONDUIT DUCT BANK MAY BE INSTALLED BY TRENCHING OR DIRECTIONAL BORING, AT THE CONTRACTOR'S OPTION. THE CONTRACTOR MAY USE BOTH OPTIONS, DEPENDING ON FIELD CONDITIONS, HOWEVER ONLY ONE METHOD SHALL BE USED BETWEEN ACCESS BOXES (PULLBOX OR ECB).
2. 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 BID PRICE FOR CONDUIT DUCT BANK TYPE 3.



TYPICAL SECTION OF CONDUIT DUCT BANK TRENCH



TYPICAL SECTION OF CONDUIT TRENCH

GEORGIA
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

REVISION DATES		
10/01/2006		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC SAFETY & DESIGN
ATMS PLANS

CONDUIT AND CONDUIT DUCT BANK
TYPE 3 INSTALLATION DETAILS

ITS-07
DRAWING No. 28-13

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