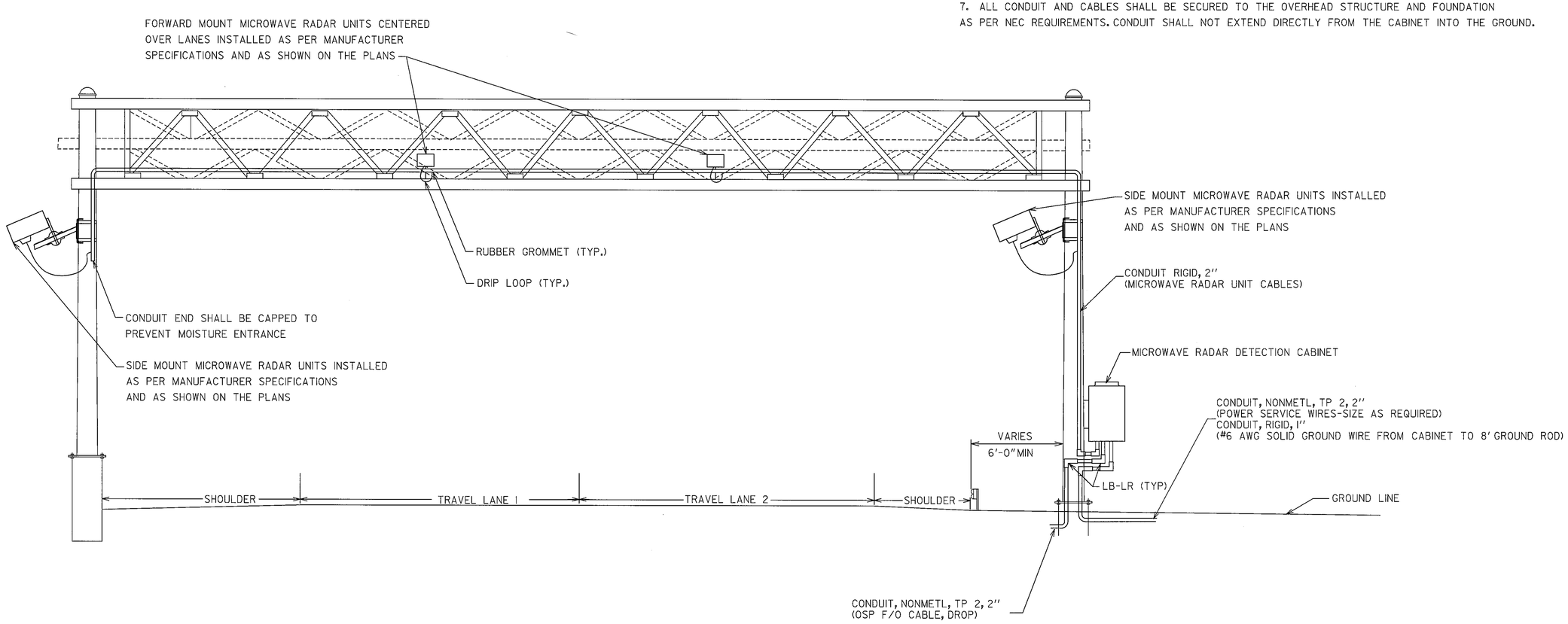
GENERAL NOTES

1. ALL ITEMS NECESSARY TO INSTALL FORWARD MOUNT RADAR OR SIDE MOUNT RADAR ON SIGN STRUCTURE SHALL BE INCLUDED IN THE BID PRICE FOR MICROWAVE RADAR DETECTION ASSEMBLY.
2. ALL DESIGNS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE STATE OFFICE OF BRIDGE DESIGN FOR APPROVAL PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL A 2" RIGID CONDUIT RISER FOR MICROWAVE RADAR CABLES FROM CABINET BOTTOM UP EXISTING SIGN STRUCTURE TO MICROWAVE RADAR UNITS AS SHOWN ON THE PLANS. COST FOR VERTICAL CONDUIT (1" AND 2"), WEATHERHEADS, LB-LR CONDUIT STRAPS, AND SWEEPS SHALL BE INCLUDED IN THE BID PRICE FOR MICROWAVE RADAR DETECTION ASSEMBLY. A RUBBER GROMMET SHALL BE INSTALLED ON THE BOTTOM FACE OF CONDUIT AT EACH MICROWAVE RADAR LOCATION TO PREVENT MOISTURE FROM ENTERING THE MICROWAVE RADAR CABLES CONDUIT. DRIP LOOPS SHALL NOT EXTEND BELOW THE SIGN STRUCTURE.
4. ALL CABLE ENTRANCES BETWEEN THE MICROWAVE RADAR DETECTION CABINET AND THE CONDUIT RISER SHALL BE BY GALVANIZED RIGID STEEL CONDUIT, UV-STABILIZED METALLIC LIQUID-TIGHT FLEXIBLE CONDUIT, OR LB OR SIMILAR CONDUIT BODY ALWAYS INSTALLED INTO THREADED COLLARS. RIGID COLLARS SHALL BE DESIGN AND FABRICATED AT THE POINT OF MANUFACTURE BY THE MANUFACTURER. STREET ELBOWS ARE NOT PERMITTED.
6. SWEEPS SHALL ONLY BE USED AS SHOWN UNDERGROUND AT THE BASE OF THE OVERHEAD STRUCTURE.
7. ALL CONDUIT AND CABLES SHALL BE SECURED TO THE OVERHEAD STRUCTURE AND FOUNDATION AS PER NEC REQUIREMENTS. CONDUIT SHALL NOT EXTEND DIRECTLY FROM THE CABINET INTO THE GROUND.



GEORGIA
DEPARTMENT OF TRANSPORTATION

- NO SCALE -

REVISION DATES		
11/22/2006		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC SAFETY & DESIGN
ATMS PLANS
RADAR ASSEMBLY FOR OVERHEAD SIGN STRUCTURE

ITS-11
DRAWING No. 28-

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