

ROAD AND BRIDGE STANDARDS

VOLUME II



VIRGINIA DEPARTMENT OF TRANSPORTATION


SPECIFICATION REFERENCES NOTED
THROUGHOUT ARE BASED ON VIRGINIA
DEPARTMENT OF TRANSPORTATION
ROAD AND BRIDGE SPECIFICATIONS
DATED 2007.

Copyright 2008 Commonwealth of Virginia

RECOMMENDED
FOR APPROVAL


DIVISION ADMINISTRATOR

APPROVED


CHIEF ENGINEER

**SECTION 1000
BOX CULVERTS**

<u>ITEMS</u>	<u>SERIES</u>
OVERSIZE BOX CULVERTS.....	1001
SINGLE BOX CULVERTS.....	1002
DOUBLE BOX CULVERTS.....	1003
TRIPLE BOX CULVERTS.....	1004
QUADRUPLE BOX CULVERTS.....	1005
WING DETAILS.....	1006
DETAILS FOR WIDENING BOX CULVERTS.....	1007

**SECTION 1100
MISC. STRUCTURE AND BRIDGE STANDARDS**

<u>ITEMS</u>	<u>SERIES</u>
BRIDGE CONSTRUCTION AND WIDENING DATE PLATES.....	1101

**SECTION 1200
LANDSCAPE**

<u>ITEMS</u>	<u>SERIES</u>
MISCELLANEOUS LANDSCAPE DETAILS, RETAINING WALLS.....	1201

**SECTION 1300
TRAFFIC CONTROL DEVICES**

<u>ITEMS</u>	<u>SERIES</u>
CONTROLLER CABINET.....	1301
SIGNAL POLE.....	1302
SIGNAL HEAD.....	1303
TETHER WIRE DETAILS.....	1304
SIGN MOUNTING DETAILS.....	1305
POLE WIRING.....	1306
PEDESTRIAN ACTUATION.....	1307
PEDESTRIAN SIGNAL INDICATION.....	1308
FLASHING BEACONS.....	1309
SIGNAL AND LIGHTING POLE FOUNDATION.....	1310
LIGHTING POLE, HIGH MAST LIGHT POLE.....	1311
ELECTRICAL SERVICE.....	1312
ELECTRICAL SERVICE.....	1313
CONTROL CENTER WIRING.....	1314
DETECTORS.....	1315
ONE WAY BRIDGE SIGNAL.....	1316
JUNCTION BOXES.....	1317
ELECTRICAL CONDUIT AND CONDUCTOR CABLE.....	1318
PROCEDURES FOR CALCULATING CENTROID AND SQUARE FOOTAGE OF SIGN PANEL.....	1319
WOOD POST SIGN STRUCTURES.....	1320
SQUARE TUBE SIGN POST.....	1321
VA SIGN POST STRUCTURE.....	1322
INTERSTATE SIGN POST STRUCTURE.....	1323
OVERHEAD SIGN STRUCTURE.....	1324
SIGN PANELS.....	1325
PUNCHING REQUIREMENTS FOR SIGN PANELS.....	1326
ROAD EDGE DELINEATORS.....	1327
MILEPOST MARKERS.....	1328

**SECTION 1400
UTILITIES**

<u>ITEMS</u>	<u>SERIES</u>
MISCELLANEOUS UTILITY DETAILS, ENCASEMENTS, VALVES, AND MANHOLES.....	1401

**TABLE OF CONTENTS
VOLUME II**