

INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLAN NOTES  
 IN THE EVENT CONFLICTS OCCUR BETWEEN THE ITS PLAN NOTES  
 AND THE MUTCD, THE MUTCD WILL GOVERN.

( ) NOTES THAT APPLY TO THIS PROJECT.

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| <p>1100. THE LOCATION OF THE POWER SERVICE AS SHOWN IN THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE POWER SERVICE AND THE SHORTEST ROUTE TO SERVE THE ITS CABINET AND DEVICES. THE CONTRACTOR SHALL HAVE THE POWER SERVICE LOCATION(S) APPROVED BY THE ENGINEER PRIOR TO INSTALLING POWER SERVICE.</p> <p>1101. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS OR LINE LOCATION SERVICE TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT, WHETHER SHOWN ON PLANS OR NOT. DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY COMPANY AND THE ENGINEER. THE COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR.</p> <p>1102. THE LOCATION OF ANY REQUIRED COMMBOXES AND/OR ELECTRICAL/FIBER CABLE CONDUITS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THE EXISTING UTILITIES.</p> <p>1103. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY ROADWAY, LIGHTING, OR BRIDGE ELEMENTS THAT OCCUR DURING THE CONSTRUCTION OF THIS PROJECT DUE TO HIS OPERATIONS. THE METHOD OF REPAIR SHALL BE APPROVED BY THE ENGINEER PRIOR TO REPAIRS BEING DONE. ANY COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR.</p> <p>1104. THIS PROJECT SHALL BE LIMITED TO --- (---) END-TO-END SPLICES OF THE --- FIBER SINGLE MODE FIBER OPTIC CABLE AT LOCATIONS SELECTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. "END-OF-DAY" CABLE CUTS AND SPLICING ARE NOT PERMITTED.</p> <p>1105. AT FIBER OPTIC CABLE END-TO-END SPLICE LOCATION(S) AND AT FIBER OPTIC CABLE END-OF-RUN LOCATION(S), THE CONTRACTOR SHALL PROVIDE A COMPLETE FUSION SPLICE INSTALLATION. FUSION SPLICE INSTALLATION SHALL BE EQUIPPED WITH SPLICE CLOSURE AND SPLICE TRAY (AND F2 COMMBOX IF CABLE IS BURIED AT SPLICE LOCATION).</p> <p>1106. CONTRACTOR SHALL PROVIDE ACCURATE 'AS-BUILT' PLAN SET AND SPLICE CHARTS AS PART OF THE PROJECT ACCEPTANCE PROCESS. THE ENGINEER SHALL VERIFY THE ACCURACY OF THE DRAWINGS PRIOR TO ACCEPTANCE.</p> <p>1107. PRIOR TO INSTALLATION OF FIBER OPTIC CABLE, THE CONTRACTOR SHALL COORDINATE FIBER ALLOCATIONS WITH THE ENGINEER. THE CONTRACTOR SHALL HAVE ALL SPLICE CHARTS APPROVED BY THE ENGINEER PRIOR TO INSTALLING FIBER OPTIC CABLE. IF THE CONTRACTOR INSTALLS FIBER OPTIC CABLE PRIOR TO THE ENGINEER'S APPROVAL OF SPLICE CHARTS, THE CONTRACTOR SHALL BEAR ALL COSTS AND ANY COSTS OF CHANGES RELATED TO FIBER OPTIC INSTALLATION AND SPLICING THAT MAY BE REQUESTED BY ALDOT.</p> <p>1108. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL ALL ANCHORS, MOUNTING BRACKETS, CLAMPS AND STRAPS PRIOR TO ANY INSTALLATION OF PRODUCT.</p> <p>1109. ALL ANCHORS PLACED IN BRIDGE DECKS SHALL PENETRATE THE DECK A MAXIMUM OF 30 MILLIMETERS.</p> <p>1110. ALL CONDUIT MOUNTED UNDER THE BRIDGE DECK SHALL BE STRAPPED TO THE BRIDGE DECK IN 1.5 METERS MAXIMUM INTERVALS.</p> | <p>1111. CONDUIT EXPANSION JOINTS SHALL BE INSTALLED EVERY 15 METERS MAXIMUM WHERE CONDUIT IS ATTACHED TO BRIDGE DECK.</p> <p>1112. ALL UNDERGROUND CONDUIT RUNS SHALL CONTAIN TWO (2) EACH 53-MM DIAMETER HDPE CONDUITS, UNLESS OTHERWISE SHOWN ON PLANS. ALL ENCASEMENT RUNS SHALL CONTAIN ONE (1) EACH 155-MM DIAMETER ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION, UNLESS OTHERWISE SHOWN ON PLANS.</p> <p>1113. PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT ALL UNDERGROUND CONDUIT RUNS WILL BE LOCATED TO AVOID CONFLICT WITH PROPOSED OR EXISTING GUARDRAIL, SIGNPOST, ETC.</p> <p>1114. DURING THE INSTALLATION OF 756-A, UPHEAVAL IN EXISTING PAVEMENT WILL NOT BE ALLOWED.</p> <p>1115. ACCESS TO ALL OPEN BUSINESSES SHALL BE MAINTAINED DURING INSTALLATION OF THE 756-A CONDUIT WHERE MORE THAN ONE ACCESS DRIVE IS AVAILABLE.</p> <p>1116. ANY TRENCHES REQUIRED FOR CONSTRUCTION SHALL BE BACKFILLED THE SAME DAY.</p> <p>1117. ANY HOLES EXCAVATED FOR STRUCTURE AND POLE FOUNDATIONS SHALL BE COVERED IF LEFT OVERNIGHT. THE COVERING SHALL BE SUFFICIENTLY SECURED TO AVOID UNINTENTIONAL DISPLACEMENT BY PERSONS, WIND OR VEHICLES AS APPROVED BY THE ENGINEER. THIS SHALL BE A SUBSIDIARY OBLIGATION OF THE STRUCTURE AND POLE FOUNDATIONS.</p> <p>1118. THE CONTRACTOR SHALL CONNECT EACH POLE GROUND SYSTEM IMMEDIATELY AFTER THE POLE HAS BEEN PLACED ON ITS FOUNDATION. NO METAL POLE SHALL BE LEFT UNGROUNDED AFTER IT HAS BEEN PLACED ON ITS FOUNDATION.</p> <p>1119. THE COMMBOXES THAT ARE TO BE PLACED ALONG ROADWAYS SHALL HAVE A MINIMUM CLEARANCE OF 3 METERS FROM THE EDGE OF THE PAVED SHOULDER AND 4.5 METERS FROM THE EDGE OF PAVEMENT WHERE NO PAVED SHOULDER IS PRESENT, UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.</p> <p>1120. THE VERTICAL SEPARATION BETWEEN FIBER CABLE AND ELECTRICAL LINES AT POLE ATTACHMENT SHALL MEET ALL PROVISIONS OF THE NATIONAL ELECTRIC SAFETY CODE (NEC), CURRENT EDITION, REGARDING CLEARANCE FROM ELECTRIC LINES.</p> <p>1121. AERIAL DROPS SHALL HAVE ADEQUATE SLACK IN THE TRUNK SERVICE LOOP WITH AMPLE LENGTH OF THE DROP CABLE. THIS SHALL ALLOW FOR THE DETACHMENT OF THE AERIAL CLOSURE FROM THE TRUNK CABLE AND THE ABILITY TO LOWER SAID CLOSURE, TRUNK, AND DROP WITHOUT HAVING TO WORK IN A BUCKET TRUCK.</p> <p>1122. REQUIRED STRAPPING OF FIBER OPTIC CABLE TO MESSENGER CABLE SHALL BE STAINLESS STEEL LOCATED MAXIMUM 1.5 METERS ON CENTER.</p> <p>1123. THE LOCATION OF REQUIRED F1 AND F2 COMMBOXES SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO INSTALLATION.</p> <p>1124. FINAL LOCATION OF REQUIRED CCTV AND RVD POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.</p> <p>1125. ALL REQUIRED CCTV AND RVD POLES LOCATED BEHIND GUARDRAIL SHALL BE A MINIMUM OF 1.2 METERS BEHIND BACK OF GUARDRAIL POST.</p> | <p>1126. THE CONTRACTOR SHALL CONTINUE THE OPERATION AND MAINTENANCE OF THE EXISTING INTERCONNECT UNTIL THE REQUIRED FIBER OPTIC INTERCONNECT IS FULLY OPERATIONAL.</p> <p>1127. THE CONTRACTOR SHALL PROVIDE AND INSTALL FIBER OPTIC DROP CABLE FROM THE REQUIRED SPLICE CLOSURE TO THE REQUIRED CONTROLLER AT EACH SIGNALIZED INTERSECTION.</p> <p>1128. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL COMPONENTS (INCLUDING, BUT NOT LIMITED TO, CAMERAS AND CAMERA CONTROLS, VEHICLE DETECTION DEVICES, WIRELESS DEVICES, ETHERNET FIELD SWITCHES, DYNAMIC MESSAGE SIGNS, AND VIDEO ENCODERS) ARE COMPATIBLE TO ALDOT'S AUTOMATED TRAFFIC MANAGEMENT SYSTEM (ATMS) AND THAT THEY FUNCTION AS A COMPLETE SYSTEM.</p> <p>1129. ALL STRUCTURES SHALL BE INSTALLED FREE OF ANY APPURTENANCES. THE INSTALLATION OF DEVICES, CABINETS, OR OTHER APPURTENANCES WILL BE ALLOWED FOLLOWING INSPECTION OF THE STRUCTURE BY THE ENGINEER.</p> |
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