

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 688: CONT'D
PEDESTRIAN PUSH BUTTONS SHALL BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT.

PEDESTRIAN PUSH BUTTONS SHALL BE MOUNTED AT A HEIGHT OF 3'-6" ABOVE THE SIDEWALK AND SHALL BE OF THE TYPE THAT HAVE PERMANENT-TYPE SIGNS WITHIN THE DETECTOR UNIT WHICH EXPLAINS THEIR PURPOSE AND INDICATES WHICH CROSSWALK SIGNAL IS ACTUATED.

THE PUSH BUTTON SHALL BE ACTIVATED BY A MINIMUM 2" DIA. CONVEX PLUNGER. A PROTECTIVE SHROUD SHALL ENCIRCLE THE PLUNGER TO DETER VANDALISM. THE SHROUD SHALL BE CAST AS PART OF THE HOUSING COVER. THE PLUNGER SHALL PROTRUDE BEYOND THE PROTECTIVE SHROUD A DISTANCE ADEQUATE TO ACCOMMODATE THE SWITCH TRAVEL.

WHILE STAKING THE POLE LOCATIONS, THE CONTRACTOR, ALONG WITH THE ENGINEER, SHALL VERIFY THE LOCATION OF THE PUSH BUTTONS AND THE DIRECTION OF THE ARROWS ON THE SIGNS PRIOR TO INSTALLATION.

TESTING:

PRIOR TO TERMINATION OF THE SHIELDED, TWISTED PAIR LOOP LEAD-IN CABLES AT THE CONTROLLER CABINET, INSULATION TESTS SHALL BE MADE WITH AN INSULATION TEST SET APPLYING NOT LESS THAN 500 VOLTS D.C. TO THE COMPLETED LOOP DETECTOR. A MINIMUM RESISTANCE OF 50 MEGAOHM SHALL BE OBTAINED.

AFTER THE ABOVE INSULATION TESTS ARE COMPLETED AND THE LOOP LEAD-IN CABLE HAS BEEN TERMINATED IN THE CABINET, THE CONTRACTOR SHALL ASSIST THE ENGINEER IN DETERMINING THE LOOP INDUCTANCE OF EACH LOOP DETECTOR INSTALLATION. THE CONTRACTOR SHALL FURNISH A LOOP DETECTOR ANALYZER WHICH SHALL DETERMINE THE TOTAL INDUCTANCE OF THE LOOP IN THE PAVEMENT AND THE ASSOCIATED LEAD-IN CABLE AND SHALL ALSO BE USED IN DETERMINING THE PERCENTAGE SHIFT IN LOOP INDUCTANCE FOR VARIOUS SIZE VEHICLES THAT MAY BE ACTUATING THE DETECTOR.

ALL SIGNAL CABLES AND POWER CONDUCTORS SHALL BE CHECKED FOR INSULATION RESISTANCE UPON INSTALLATION AND PRIOR TO TERMINATION. THE TESTS SHALL BE MADE WITH A TEST SET OPERATING AT A MINIMUM OF 500 VOLTS D.C. APPLIED TO THE CONDUCTORS.

EACH CONDUCTOR IN THE MULTICONDUCTOR SIGNAL CABLES SHALL BE TESTED FOR INSULATION RESISTANCE RELATIVE TO EACH OTHER AND TO THE OUTER COVERING OF THE CABLE. THE MINIMUM ACCEPTABLE VALUE FOR INSULATION RESISTANCE

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GENERAL NOTES AND SPECIFICATION DATA--

TESTING: CONT'D
SHALL BE 50 MEGAOHMS.

ITEM 5004:

THE SW3P (STORM WATER POLLUTION PREVENTION PLAN) FOR THIS PROJECT SHALL CONSIST OF USING THE FOLLOWING ITEMS AS DIRECTED BY THE ENGINEER:
TEMPORARY SEDIMENT CONTROL FENCE
BALED HAY FOR EROSION AND SEDIMENTATION CONTROL
THIS WORK SHALL BE PAID FOR UNDER THEIR RESPECTIVE BID ITEMS.

ITEM 5051:

MIXING OF PAVERS FROM DIFFERENT MANUFACTURERS WILL NOT BE PERMITTED.

THE SURFACE AREA MEASURED FOR PAYMENT SHALL BE OF THE PAVERS ONLY AND NOT INCLUDE THE AREAS OCCUPIED BY EDGE RESTRAINTS.

SAMPLES SHALL BE SUBMITTED TO THE ENGINEER, FOR APPROVAL, INDICATING THE FULL RANGE OF SPECIFIED COLORS.

THE CONTRACTOR SHALL SUPPLY 3' X 3' X 3-1/2" TEST SECTIONS SHOWING COLOR, PATTERN AND TEXTURE TO BE DUPLICATED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED TO THIS BID ITEM.

ITEM 5519:

THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER ONE CELLULAR PHONE FOR USE BY THE STATE INSPECTION PERSONNEL FOR THIS PROJECT.

ITEM 6010:

THE EXISTING TRAFFIC SIGNALS AT MIDWAY AND QUORUM SHALL BE REMOVED AFTER THE PROPOSED SIGNALS ARE FULLY OPERATIONAL. THE EQUIPMENT SHALL BE SALVAGED AND REMAIN THE PROPERTY OF THE TOWN OF ADDISON AND SHALL BE STOCKPILED AT THE TOWN OF ADDISON SERVICE CENTER.

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