

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 682:  
 TRAFFIC SIGNAL HEADS FOR THIS ITEM SHALL BE YELLOW ALUMINUM WITH BLACK POLYCARBONATE BACK PLATES. SIGNAL LENSES SHALL BE GLASS.  
 TRAFFIC SIGNAL LAMPS SHALL BE 135 WATT.  
 ALL SIGNAL HEADS SHALL BE COVERED WITH BURLAP OR OTHER TYPE MATERIAL APPROVED BY THE ENGINEER UNTIL PLACED INTO OPERATION.  
 SIGNAL HEADS MOUNTED ON THE SPAN WIRES SHALL BE LEVEL AND PLUMB AND AIMED AS DIRECTED BY THE ENGINEER.

ITEM 684:  
 THE CONDUCTORS IN THE TRAFFIC SIGNAL CABLE SHALL BE STRANDED FOR THIS ITEM. INDIVIDUAL CONDUCTORS SHALL BE NO. 12 AWG.  
 EACH CABLE SHALL BE IDENTIFIED AS SHOWN IN THE PLANS (CABLE 1, ETC.) WITH PERMANENT MARKING LABELS (PANDUIT TYPE PLM STANDARD SINGLE MARKER TIE, THOMAS & BETTS TYPE 549H OR EQUIVALENT) AT EACH GROUND BOX AND AT THE CONTROLLER.

ITEM 686:  
 POLES REQUIRE NUTS ON TOP AND BOTTOM (DOUBLE NUTS) OF THE BASE PLATE.  
 ANCHOR BOLTS FOR STRAIN POLES SHALL BE SET SO THAT TWO ARE IN TENSION AND TWO ARE IN COMPRESSION.

TESTING:  
 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 SHALL BE 50 MEGOHMS.

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 686: CONT'D

ITEM 3063:  
 LAYDOWN OPERATIONS FOR HOT MIX ASPHALTIC CONCRETE SHALL BE PERFORMED IN SUCH SEQUENCE THAT THE CENTER JOINT WILL BE CARRIED ALONG WITHOUT EXCESS DISTANCE OF LAPBACK, NOT TO EXCEED ONE DAY'S OPERATION.  
 THE POLISH VALUE OF THE COARSE AGGREGATE FROM EACH SOURCE USED IN THE SURFACE COURSE, EXCEPT THE SHOULDERS, SHALL NOT BE LESS THAN 32 WHEN TESTED IN ACCORDANCE WITH TEST METHOD TEX-438-A.  
 WHEN THE COARSE AGGREGATE FROM ANY ONE SOURCE CONTAINS MATERIALS WITH SUBSTANTIALLY DIFFERENT MINERALOGY, EACH TYPE OF MATERIAL SHALL COMPLY WITH THE REQUIRED POLISH VALUE.  
 BLENDING OF COARSE AGGREGATES TO MEET THE POLISH VALUE REQUIREMENTS WILL NOT BE ALLOWED.  
 THE UTILIZATION OF RAP FROM OFF PROJECT, STATE OWNED NON-DESIGNATED SOURCES CAN BE PROPOSED BY THE CONTRACTOR. THIS WILL BE CONSIDERED A VALUE ENGINEERING PROPOSAL AND HANDLED AS SUCH BY THE ENGINEER.  
 ALL SURFACE MIXTURES WILL REQUIRE LATEX MODIFIED ASPHALT CEMENT OR POLYMERS.  
 ASPHALT PAVEMENT TO BE REMOVED WITHIN THE LIMITS OF THE PROJECT AND ASPHALT PAVEMENT MATERIALS USED IN THE CONSTRUCTION OF DETOURS MAY BE USED AS RAP (RECLAIMED ASPHALT PAVEMENT) IN NONSURFACE COURSES IF THE MATERIAL MEETS ALL THE PHYSICAL REQUIREMENTS OF THE APPROPRIATE ITEM. THERE WILL BE NO COST TO THE CONTRACTOR FOR THE USE OF THIS MATERIAL.

ITEM 5004:  
 THE SEDIMENTATION AND WATER POLLUTION PREVENTION PLAN (SWPP) FOR THIS PROJECT SHALL CONSIST OF USING THE FOLLOWING AS DIRECTED BY THE ENGINEER.  
 EARTHWORK FOR EROSION CONTROL  
 TEMPORARY SEDIMENT CONTROL FENCE  
 BALED HAY

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 5326: COLORED-TEXTURED CONCRETE  
 CONCRETE TO BE RUNNING BOND USED BRICK FORM WITH DARK BROWN RED COLOR.  
 DOWELS (SMOOTH BARS) 1" X 18" SPACED AT 12" SHALL BE PLACED IN THE CONCRETE AT THE LEAVEOUTS FOR THE TEXTURIZED CONCRETE STREET CROSSWALK AREAS AT THE INTERSECTION OF FM 740 AND FM 3097.

ITEM 6010:  
 THE EXISTING TRAFFIC SIGNALS AT F.M. 3097 SHALL BE REMOVED AFTER THE PROPOSED SIGNALS ARE FULLY OPERATIONAL. THE EQUIPMENT SHALL BE SALVAGED AND REMAIN THE PROPERTY OF THE STATE. EQUIPMENT TO BE SALVAGED SHALL CONSIST OF POLES, CABINETS, SIGNAL HEADS, SERVICE POLES OR EQUIPMENT, EXPOSED CONDUIT AND ANY OTHER EQUIPMENT AS DIRECTED BY THE ENGINEER. THIS EQUIPMENT SHALL BE STOCKPILED AT THE TXDOT MAINTENANCE YARD AT 592 EAST S.H. 121 IN LEWISVILLE.  
 TIMBER POLES NOT SET IN CONCRETE, SHALL BE COMPLETELY REMOVED WITHOUT CUTTING OFF THE POLE. TIMBER POLES SET IN CONCRETE SHALL BECOME THE PROPERTY OF THE CONTRACTOR.