

FOOTNOTES:

- 1 TO INCLUDE SIDEWALK REMOVAL FOR INSTALLATION OF HANDICAP RAMPS.
- 2 TO INCLUDE PAVEMENT REMOVAL, CURB AND GUTTER REMOVAL, AND EXCAVATION.
- 3 TO BE USED AS DIRECTED BY THE ENGINEER.
- 4 SEE SUBSECTION 209.07 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- 5 TO INCLUDE ALL NECESSARY ITEMS TO PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH TDOT STANDARD DRAWINGS T-WZ-40 AND T-WZ-52.
- 6 TO INCLUDE MAST ARM MOUNTED "POPLAR AVE" SIGN WITH MOUNTING BRACKETS.
- 7 TO INCLUDE MAST ARM MOUNTED "INTERNATIONAL DR" SIGN WITH MOUNTING BRACKETS.
- 8 TO INCLUDE MAST ARM MOUNTED "LEFT TURN ONLY" SIGN (R3-5L) AND MOUNTING BRACKETS.
- 9 ALLOWANCE TO COVER THE COST ASSOCIATED WITH POWER CONNECTION FOR THE TRAFFIC SIGNAL FROM THE TRANSFORMER TO THE DEMARCATION POINT.
- 10 SEE THE LATEST "CITY OF MEMPHIS - STANDARD CONSTRUCTION SPECIFICATIONS" FOR TECHNICAL REQUIREMENTS.
- 11 QUAZITE BRAND (MODEL NO. PG3048BB36 WITH PG3048HS6L COVER) OR APPROVED EQUIVALENT. COST INCLUDES ALL LABOR AND MATERIALS (REMOVING AND REPLACING NECESSARY SIDE WALK PANELS, REPAIR LANDSCAPING, REMOVING EXISTING PULL BOX, AND OTHER MISCELLANEOUS MATERIALS) TO COMPLETE PULL BOX INSTALLATION.
- 12 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH POWER CONNECTION FOR TRAFFIC SIGNAL FROM THE DEMARCATION POINT TO THE CABINET.
- 13 CONTRACTOR SHALL INSTALL A TRACER WIRE WITH THE FIBER OPTIC CABLE FOR ALL CONDUIT ROUTING.
- 14 SEE CONSTRUCTION PLANS GENERAL NOTES SHEET FOR DETAILS.
- 15 TO BE ITERIS VANTAGE SYSTEM OR APPROVED EQUIVALENT. INCLUDES DETECTION CAMERAS, PROCESSOR UNIT, CARD RACK, POWER SUPPLY UNIT, SERIES SURGE PROTECTION EQUIPMENT, 10" COLOR LCD MONITOR, MOUSE AND ALL OTHER CABLING, CONNECTIONS AND HARDWARE TO COMPLETE THE INSTALLATION OF A FULLY FUNCTIONAL VIDEO DETECTION SYSTEM. THIS ITEM SHALL INCLUDE ONE ITERIS VANTAGE EDGE CONNECT CARD OR APPROVED EQUIVALENT.
- 16 TO BE GTT OPTICOM SYSTEM OR APPROVED EQUIVALENT. INCLUDES OPTICAL DETECTORS, CONFIRMATION LAMPS (PAR 90), POLE-MOUNTED BEACONS, FOUR-CHANNEL PHASE SELECTOR, CARD RACK (OPTICOM 760) AND ALL OTHER CABLING, CONNECTIONS AND HARDWARE TO COMPLETE THE INSTALLATION OF A FULLY-FUNCTIONAL PREEMPTION SYSTEM, INCLUDING FIELD FINE-TUNING.
- 17 THE CONTROLLER CABINET SHALL BE AN EIGHT PHASE CABINET SIZE P CABINET. THIS ITEM INCLUDES THE TRAFFIC SIGNAL CONTROLLER. THE TRAFFIC SIGNAL CONTROLLER SHALL BE AN EAGLE EPAC M52 KEYBOARD UNIT OR APPROVED EQUIVALENT WITH BUILT-IN ETHERNET PORT AND BUILT-IN PORT 3 FIBER MODEM (SINGLE MODE), AND BUILT-IN STRETCH AND DELAY FEATURES FOR EACH PHASE. THE TRAFFIC CONTROLLER INSTALLATION ALONG WITH ALL AUXILIARY EQUIPMENT TO BE INSTALLED IN THE CABINET SHALL BE MANUFACTURED, SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST CITY OF MEMPHIS TRAFFIC SIGNAL CONTROLLER AND CABINET SPECIFICATIONS. THE INSTALLATION SHALL HAVE A 12-CHANNEL MALFUNCTION MONITOR UNIT INSTALLED AS MODEL EDI SSM12LE-P. CABINET SHALL INCLUDE 1 VEHICLE DETECTOR CARD (4-CHANNEL) IN ADDITION TO THE QUANTITIES OF ITEM NUMBER 730-13.02.
- 18 SHALL BE GALVANIZED STEEL PER CITY OF MEMPHIS STANDARDS. ITEM ALSO INCLUDES CONCRETE FOUNDATION.
- 19 TO INCLUDE SIGNS AND PUSHBUTTONS.