FOOTNOTES:

(1) FOR TREE TRIMMING AS DIRECTED BY THE ENGINEER.

(2) TO BE USED AS DIRECTED BY THE ENGINEER.

(3) SEE SUBSECTION 209.07 OF THE TDOT STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(4) SEE DEMOLITION DIAGRAM FOR EACH INTERSECTION; INCLUDES REMOVAL OF ALL CONFLICTING PAVEMENT MARKINGS. REMOVED SIGNS TO REMAIN PROPERTY OF THE APPLICABLE MUNICIPALITY.

(5) MAST ARM MOUNT.

(6) INCLUDES SIGN, POST, AND FOOTING.

(7) FOR EXISTING OVERHEAD BEACON, SPAN WIRES, POLES, AND CONTROLLER ON OLD BROWNSVILLE RD. AT YALE RD. REMOVED EQUIPMENT TO REMAIN PROPERTY OF THE CITY OF MEMPHIS.

(8) ALLOWANCE FOR ADJUSTMENT TO OVERHEAD UTILITIES ONLY. THE UNIT PRICE BID FOR THIS ITEM WILL BE ADJUSTED BY THE ENGINEER TO MATCH THE ACTUAL FEE CHARGED BY UTILITY COMPANIES FOR ADJUSTMENT OF OVERHEAD LINES.

(9) USE CITY OF MEMPHIS CURRENT SPECIFICATIONS FOR THIS ITEM.

(10) CONTRACTOR RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH POWER CONNECTION FOR TRAFFIC SIGNAL FROM THE DEMARCATION POINT TO CABINET.

(11) THIS ITEM IS TO BE USED AS AN ALLOWANCE FOR THE FEE CHARGED BY MLGW TO THE CONTRACTOR FOR PROVIDING ELECTRICAL SERVICE TO THE POINT OF DEMARCATION. THE UNIT PRICE BID FOR THIS ITEM WILL BE ADJUSTED BY THE ENGINEER TO MATCH THE ACTUAL FEE CHARGED BY MLGW FOR THE CONNECTION.

(12) TO BE ITERIS VANTAGE SYSTEM OR APPROVED EQUIVALENT. INCLUDES DETECTION CAMERAS, PROCESSOR UNIT, CARD RACK, POWER SUPPLY UNIT, 10" COLOR LCD MONITOR, MOUSE, VIDEO REMOTE MANAGEMENT CARD WITH
ETHERNET INTERFACE AND ALL OTHER CABLING, CONNECTIONS AND HARDWARE TO COMPLETE THE INSTALLATION OF A FULLY FUNCTIONAL VIDEO SYSTEM.

(13) INSTALL ONE (1) DETECTOR CARD PER TWO (2) INTERSECTION APPROACHES WHERE ADVANCE DETECTION LOOPS ARE TO BE REPAIRED OR REPLACED. SEE INTERSECTION LAYOUT SHEETS.

(14) 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 CABLING, CONNECTIONS AND HARDWARE TO COMPLETE THE INSTALLATION OF A FULLY-FUNCTIONAL PREEMPTION SYSTEM, INCLUDING FIELD FINE-TUNING. THE CONTRACTOR SHALL INSTALL EVP EQUIPMENT THAT INCLUDES MULIT-MODE GPS/IR AT THE INTERSECTION IN THE CITY OF MEMPHIS.

(15) THE TRAFFIC CONTROLLER SHALL BE AN EAGLE EPAC M52 KEYBOARD UNIT OR APPROVED EQUIVALENT WITH NTCIP COMPLIANT SOFTWARE AND SEPAC, BUILT-IN ETHERNET PORT 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 SSM12LEiP.

(16) SEE SHEET 6 FOR DETAILS. BID PRICE FOR THIS ITEM TO INCLUDE FOUNDATION.

(17) SEE NOTE No. 45 ON SHEET 3 FOR DESIGN CRITERIA. BID PRICE FOR THIS ITEM TO INCLUDE FOUNDATION.

(18) 25'-0" DEPTH BY 3'-0" DIA. FOUNDATION FOOTING REQUIRED, WHICH IS NOT INCLUDED ON TDOT STD. DWG. T-SG-10. THEREFORE, USE 25 @ T400 BARS AND 16 @ A700 BARS.