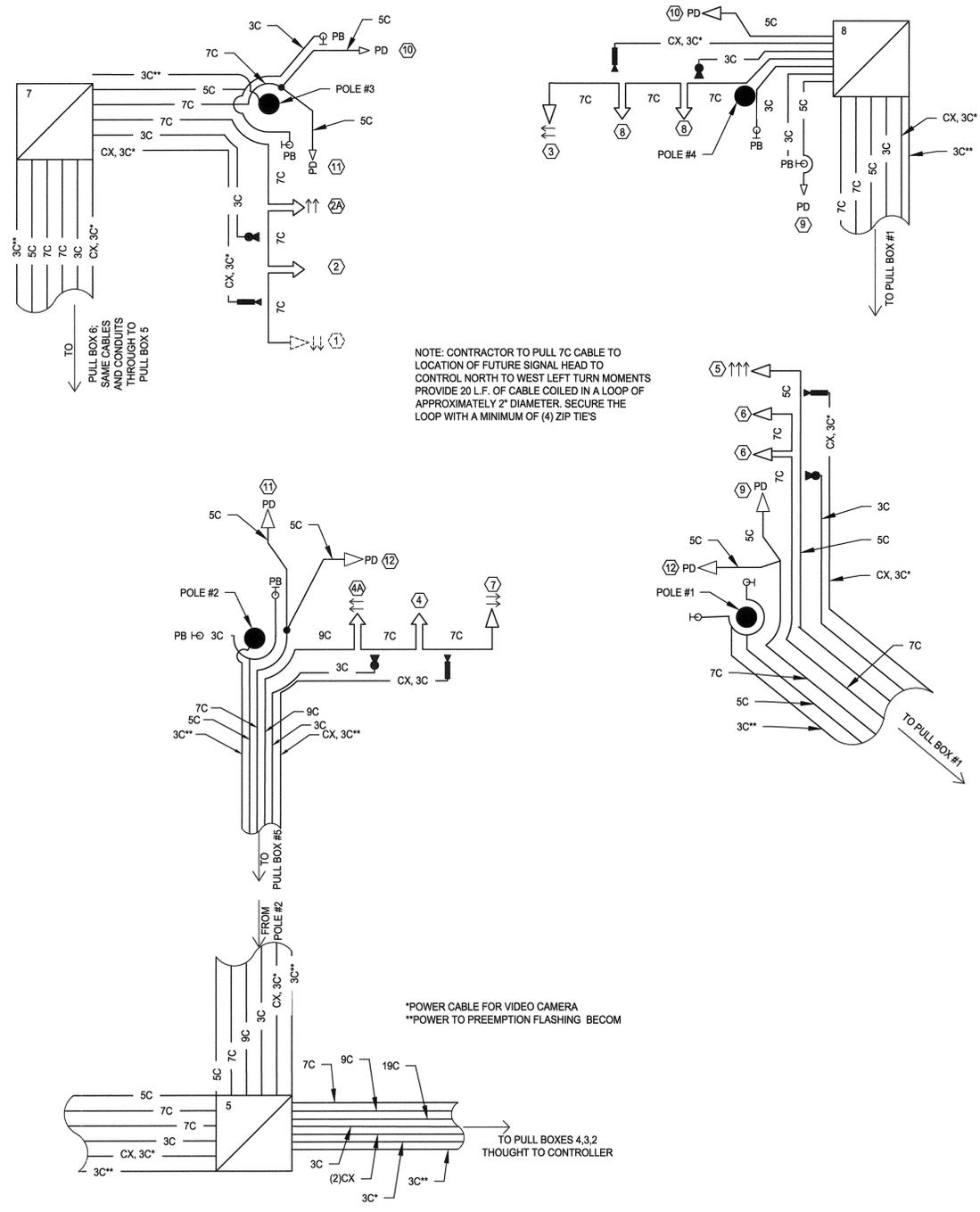


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PROJECT NO. 15108.01 DATE 08/22/2019
 DRAWN SSM CHECKED DMS
 WIRING PLAN AND GENERAL NOTES
 DATE 9/4/19
 CITY ENGINEER DATE

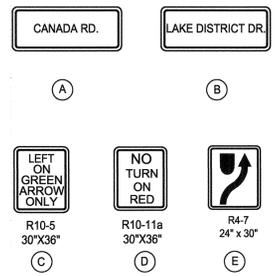


NOTE: CONTRACTOR TO PULL 7C CABLE TO LOCATION OF FUTURE SIGNAL HEAD TO CONTROL NORTH TO WEST LEFT TURN MOMENTS PROVIDE 20 L.F. OF CABLE COILED IN A LOOP OF APPROXIMATELY 2' DIAMETER. SECURE THE LOOP WITH A MINIMUM OF (4) ZIP TIES

*POWER CABLE FOR VIDEO CAMERA
 **POWER TO PREEMPTION FLASHING BECOM

PREEMPTION TABLE	
DETECTOR	PHASE CALLS
2	2
4	4
6	6
8	8

PREEMPTION NOTES
 TO AVOID A LEFT-TURN TRAP, ALL PHASES DISPLAYING GREEN UPON DETECTION OF A PREEMPTION CALL, INCLUDING CALLED PHASE, SHALL CLEAR TO RED AFTER A 5-SECOND MINIMUM GREEN AND THE REQUIRED YELLOW INTERVAL. CALLED PHASE(S) SHALL THEN BE DISPLAYED AND ALL OTHER PHASES SHALL REMAIN RED.



TRAFFIC SIGNAL GENERAL NOTES:

- ALL SIGNS, TRAFFIC SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST ADDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES. NECESSARY ADJUSTMENTS SHALL BE MADE AFTER CONSULTATION AND AGREEMENT WITH THE DESIGN ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE OF ANY CONSTRUCTION STAKING NEEDED.
- THE PLAN CALL ELEVATIONS FOR THE TOP OF FOUNDATION FOR MAST ARM POLE NUMBERS 1 AND 2 ARE BASED UPON THE PROJECTION OF FINISHED GRADES FOR THE FUTURE WIDENING AND IMPROVEMENTS TO THE WEST SIDE OF CANADA ROAD.
- THE CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS, SECTION 02890 TRAFFIC SIGNALS SHALL GOVERN THE INSTALLATION OF THIS TRAFFIC SIGNAL.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF LAKELAND AND MLGW TO ARRANGE FOR POWER TO BE PROVIDED TO THE TRAFFIC SIGNAL.
- THE POWER SUPPLY FOR THE SIGNAL SHALL BE OBTAINED FROM THE POWER POLE NOTED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE THE RISER ON THE POLE INCLUDING WEATHER HEAD, DISCONNECT, METER SOCKET AND ALL NECESSARY MOUNTING HARDWARE AND EXTEND A CONDUIT BETWEEN THE RISER AND THE TRAFFIC SIGNAL CONTROLLER CABINET. THE CONTRACTOR SHALL INSTALL THE POWER CONDUCTORS FROM THE CONTROLLER TO THE WEATHER HEAD PROVIDING ADEQUATE SLACK FOR MLGW TO MAKE THE FINAL CONNECTIONS FOR THE POWER DROP.
- ALL ABOVE GROUND CONDUIT SHALL BE TYPE 1 RIGID METAL. PVC CONDUIT SHALL NOT BE USED ABOVE GROUND.
- ALL CUT-SHEETS AND SUBMITTALS SHALL BE SUBMITTED TO A2H, INC. THROUGH THE CITY OF LAKELAND.
- THE PEDESTRIAN SIGNALS SHALL CONFORM TO 'SECTION 412 - ACCESSIBLE PEDESTRIAN SIGNAL (APS) SYSTEM' OF THE SPECIFICATIONS.
- THE CONTROLLER TIMING WILL BE PROVIDED BY THE CITY.
- CONSTRUCTION OPERATIONS IN THE VICINITY OF ELECTRICAL OVERHEAD LINES AND ALL OTHER ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL SAFETY CODE, STATE AND LOCAL SAFETY REQUIREMENTS.
- THERE ARE PUBLIC AND PRIVATE UTILITIES WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE UTILITY COMPANY RECORDS. ALL UTILITIES IN THE AREA MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES THAT PROVIDE SERVICES WITHIN SHELBY COUNTY TENNESSEE AND MAKE ARRANGEMENTS FOR THE UTILITIES TO BE LOCATED ON THE GROUND. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN THE UTILITY MARKS UNTIL NO LONGER NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND/OR REPAIR OF THE UTILITIES.
- THE CONTRACTOR SHALL PROVIDE THE CITY OF LAKELAND WITH AS BUILT PLANS.
- THIS IS A LUMP SUM PROJECT. ALL REFERENCES TO PAY ITEMS IN THE SPECIFICATIONS SHALL NOT APPLY.



**THE LAKE DISTRICT
 PLANNED DEVELOPMENT**

LAKELAND, TN

**PHASE 1 CONSTRUCTION
 DOCUMENTS**

REVISIONS

PROJECT NO.	DATE
15108.01	08/22/2019
DRAWN	CHECKED
SSM	DMS

**WIRING PLAN AND
 GENERAL NOTES**

C7.01