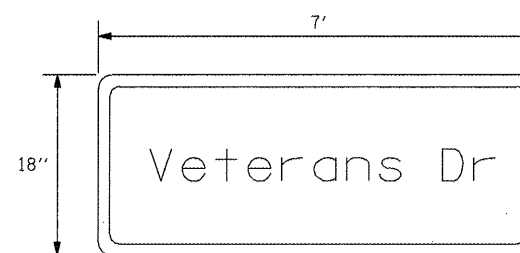
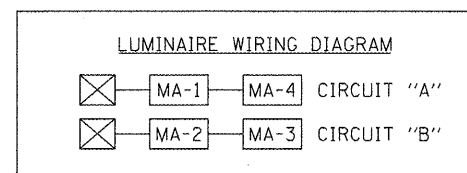
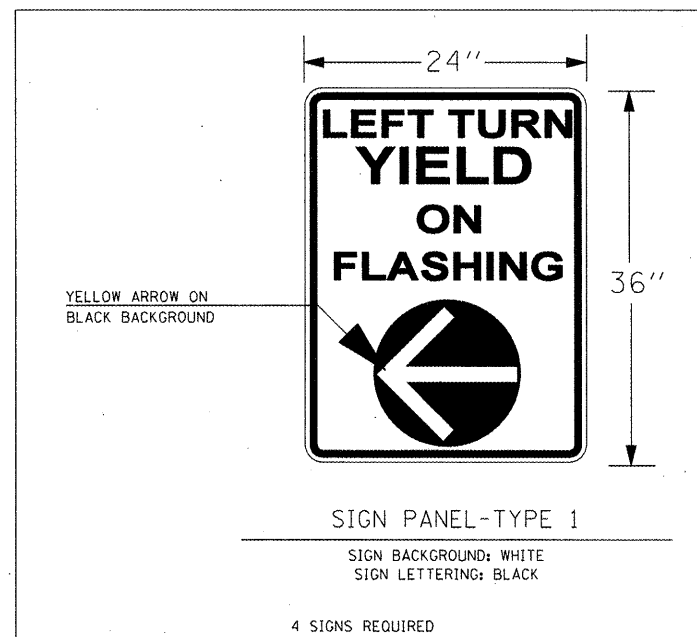
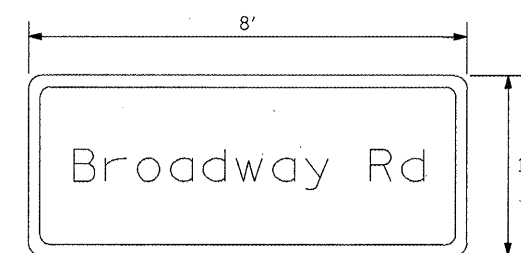


CONSTRUCTION NOTES:

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED FOR PAYMENT.
7. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS.
8. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
9. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT, MILLED SURFACE, OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN THE PRICE FOR DETECTOR LOOPS.
10. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
11. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
12. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
13. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
14. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT.
15. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
16. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
17. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARMS FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
18. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
19. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
20. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
21. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLE SUCH AS UNDERGROUND UTILITIES.
22. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
23. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING LIGHTING AND TRAFFIC SIGNAL FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.



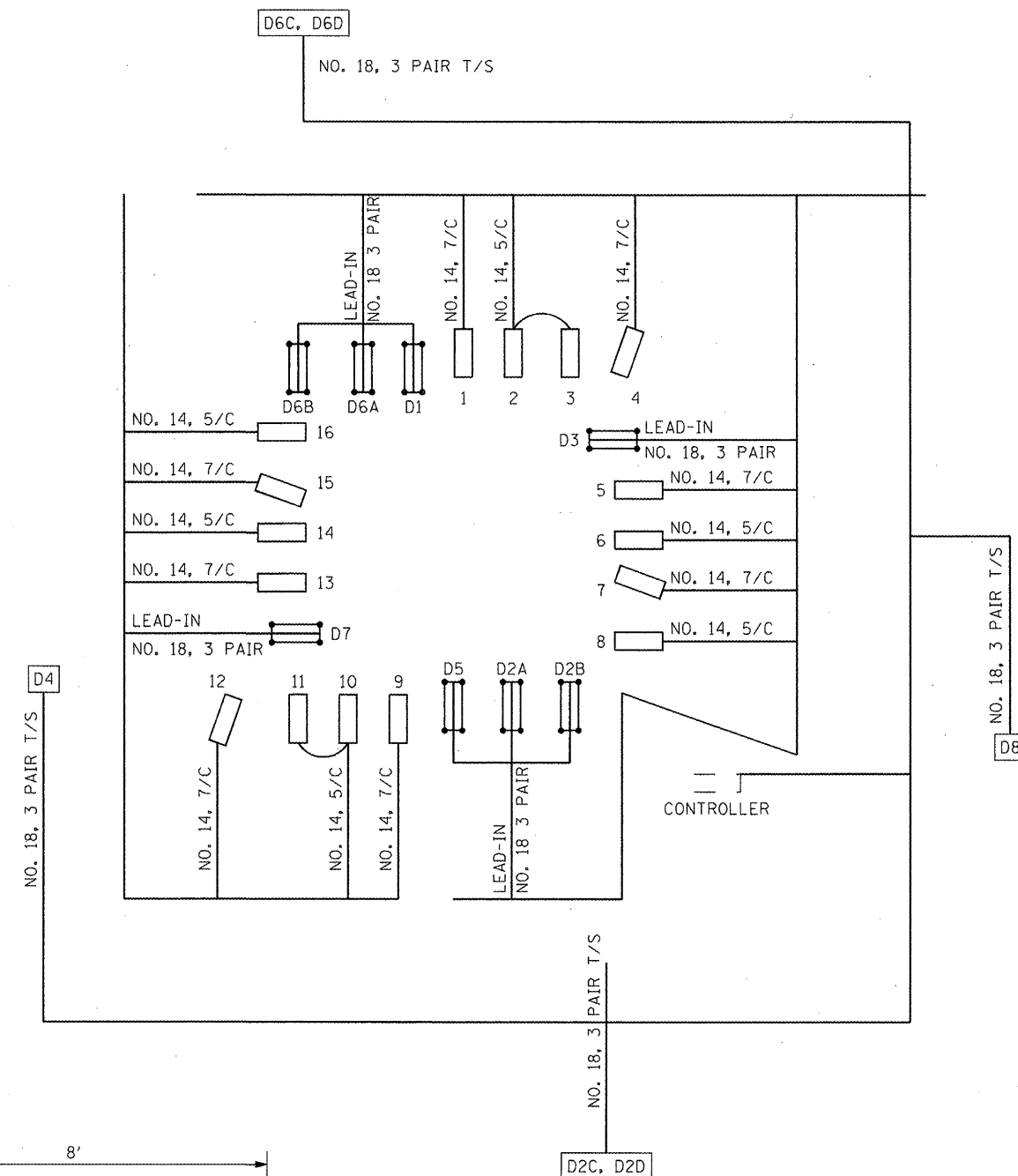
2 SIGNS REQUIRED
10.5 SQ. FT. EACH = 21 SQ. FT.



2 SIGNS REQUIRED
12 SQ. FT. EACH = 24 SQ. FT.

SIGN PANEL TYPE II

1. MAST ARM MOUNTED
2. THE STREET SIGNS SHALL BE BANDED WITH 4 BANDS RATHER THAN THE TWO BANDS SHOWN ON STD. 720016. COST SHALL BE INCLUDED IN PAY ITEM SIGN PANEL TYPE II.
3. WHITE LETTERING ON GREEN BACKGROUND
4. CAPITAL LETTERS = 12", LOWERCASE = 9"



FILE NAME =	USER NAME = 100T	DESIGNED <i>REW/KRS</i>	REVISED -
xi\projects\200805025\dgn\plans and xref	F:\TrafficSignalDetail.dgn	DRAWN <i>CAM</i>	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED <i>KMC</i>	REVISED -
	PLOT DATE = 4/12/2012	DATE <i>3-21-12</i>	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VETERANS DRIVE IMPROVEMENTS
SIGNALS CABLE DETAIL AND CONSTRUCTION NOTES - VETERANS DRIVE AT BROADWAY ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6768	10-00169-00-RP	TAZEWELL	98	46
CONTRACT NO. 89588				
ILLINOIS FED. AID PROJECT				