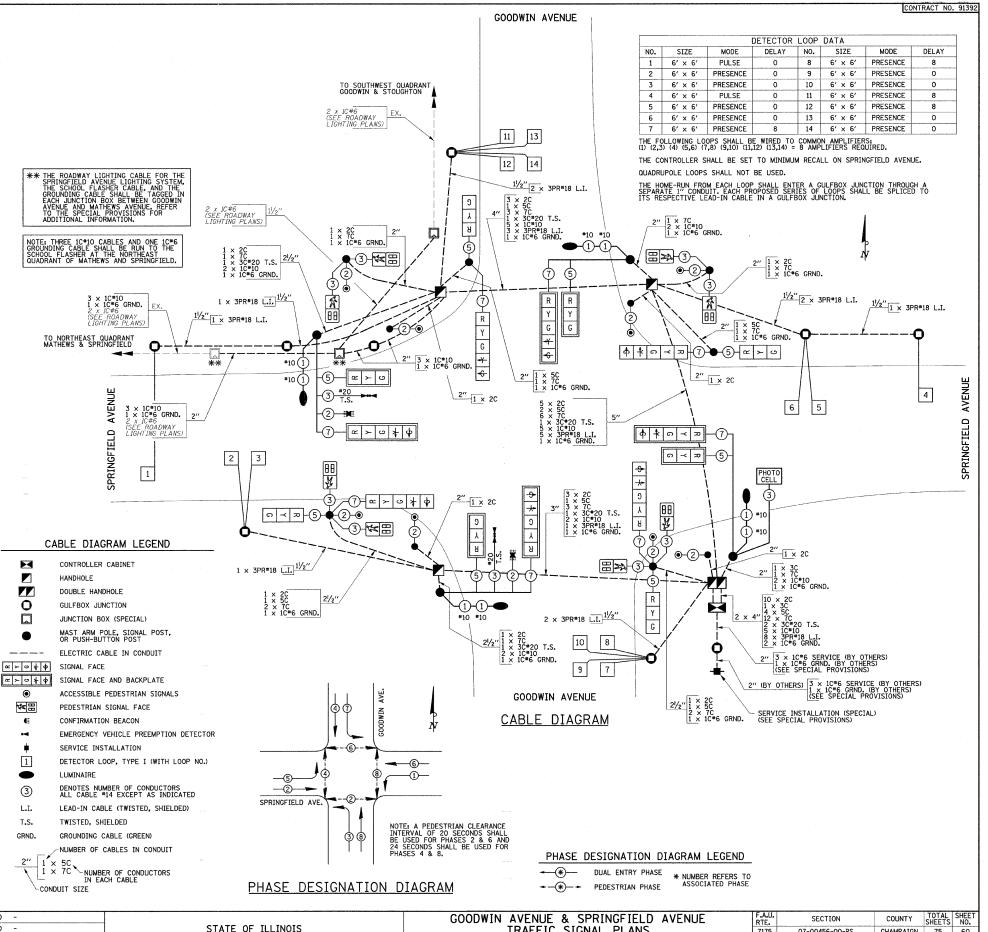


- 1. THE ACTUAL LOCATIONS OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND THE TRAFFIC SIGNAL CONTROLLER WILL BE VERIFIED IN THE FIELD BY THE ENGINEER.
- POST MOUNTED SIGNAL HEADS SHALL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HE IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES SHALL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
- 3. COMBINATION MAST ARM ASSEMBLIES SHALL BE FURNISHED WITH 12-FOOT LUMINAIRE ARMS WITH A MOUNTED LUMINAIRE HEIGHT OF 35 FEET.
- 4. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 5. 12" LENSES SHALL BE USED ON ALL SIGNAL FACES. LED INDICATIONS SHALL BE USED ON ALL SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS. PEDESTRIAN SIGNAL HEAD FACES SHALL BE SYMBOLS WITH COUNTDOWN TIMERS.
- 6. ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE THE POLARA "NAVIGATOR" SYSTEM OR APPROVED
- 7. THE LUMINAIRE ARM, LUMINAIRE POLE WIRING, LUMINAIRE, AND PHOTOCELL SHALL BE ERECTED WITH THE TRAFFIC SIGNAL MAST ARM POLE. THE LUMINAIRE SHALL BE FURNISHED AND INSTALLE BY THE CITY OF LURBANA. THE CONTRACTOR SHALL FURNISH AND INSTALL THE PHOTOCELL ON TH LUMINAIRE FOR THE SOUTHEAST QUADRANT COMBINATION MAST ARM ASSEMBLY AND POLE.
- 8. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- 11. A 1/4" POLYPROPYLENE PULL ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS EXCEEDING 2 FEET. A MINIMUM OF 2 FEET OF ROPE SHALL BE PROVIDED AT EACH END OF A CONDUIT RUN
- 12. THE CONTRACTOR SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY TIEM.

 12. THE CONTRACTOR SHALL COOPERATE WITH THE UNIVERSITY OF ILLINOIS OPERATIONS STAFF IN ARRANGING FOR THE ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS AND COMBINATION MAST ARM LIGHTING, ALL CITY OF URBANA AND UNIVERSITY OF ILLINOIS REPORT AND OTHER CODES FOR CONNECTING POWER TO THE CONTROLLER SHALL BE ADHERED TO COMPLETELY.
- 13. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SUCH THAT INTERSECTION OPERATION AND CONTROLLER COMPONENTS CAN BE VIEWED SIMULTANEOUSLY.
- 14. CONTROLLER PROGRAMMING OF SIGNAL TIMING WILL BE PROVIDED BY THE CITY OF URBANA.
- 15. THE CONFIRMATION BEACON SHALL BE INCLUDED IN THE COST OF THE LIGHT DETECTOR.
- 16. THE ELECTRIC CABLE FOR THE LIGHT DETECTOR SHALL BE A CONTINUOUS UNBROKEN RUN FRON HE LIGHT DETECTOR TO THE LIGHT DETECTOR AMPLIFIER. SPLICES IN THE CABLE SHALL NOT BE ALLOWED.
- 17. THE THREE SECTION AND FIVE SECTION SIGNAL HEADS THAT OPERATE TOGETHER IN THE SAME PHASE AT THE SAME LOCATION WILL BE COMBINED ON A SINGLE SEVEN CONDUCTOR CABLE. TWO PEDESTRIAN SIGNAL HEADS AT THE SAME LOCATION WILL BE COMBINED ON A SINGLE SEVEN CONDUCTOR CABLE. SPLICES WILL BE MADE AT THE POLE HANDHOLE WITH INDIVIDUAL CABLES RUNNING FROM THE SPLICE TO EACH SIGNAL HEAD OR PEDESTRIAN SIGNAL HEAD
- 18. THE CONCRETE FOUNDATION FOR THE PEDESTRIAN PUSH-BUTTON POST SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSH-BUTTON POST.
- 19. DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE HMA SURFACE COURSE.



SCALE : NONE

FILE NAME =