

GENERAL NOTES

1. CONTACT TOM HUFNAGEL AT 815-434-8418 TWO WEEKS PRIOR TO SIGNAL TURN ON SO OPERATIONS CAN ARRANGE TO PLACE A MESSAGE BOARD ONE WEEK BEFORE AND AFTER THE SIGNAL TURN ON.
2. A SELF ADHERE PHASING DIAGRAM SHALL BE PLACED INSIDE THE CABINET DOOR.
3. AN ALPHA GUARD WILL BE REQUIRED FOR BATTERY BACK UP. THIS WILL BE INCIDENTAL TO BATTERY BACK UP PAY ITEM.
4. PVC SHALL BE PLACED ON BOTTOM OF CABINET TO HOLD UP THE TRAFFIC SIGNAL CABLES.
5. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
6. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL PAY ITEMS.
7. A 1/4-INCH DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEMS.
8. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
9. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
10. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATORS ARE LEVEL WITH EACH OTHER.
11. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
12. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
13. ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND AS APPROVED BY THE ENGINEER.
14. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED TO THE SATISFACTION OF THE ENGINEER.
15. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
16. ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF SIX (6) FEET FROM THE FACE OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
17. ALL NEW TRAFFIC AND PEDESTRIAN SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
18. LOOPS IN SAME LANE SHALL BE WOUND CLOCKWISE AND COUNTERCLOCKWISE IN ALTERNATING ORDER. LOOPS IN ADJACENT LANES SHALL BE WOUND ALL THE SAME.
19. THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL AND STREET LIGHTING. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
21. ALL DETECTOR LOOP AMPLIFIERS SHALL BE CARD RACK MOUNTED AND FURNISHED WITH PLASTIC TAGS LABELED WITH RESPECTIVE PHASES AND DIRECTION AS LISTED IN THE DETECTOR LOOP CHART. MINIMUM TAG SIZE OF 1/2"x1/2" TAGS SHALL BE MADE OF MATERIAL THAT DOES NOT ALLOW WRITING TO FADE OVER TIME.
22. THE LENGTH OF DETECTOR LOOP CABLE FROM THE CURB TO THE JUNCTION BOX OR HANDHOLE IS INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.

23. DOUBLE BREAKAWAY FUSED FUSE HOLDERS AND SURGE ARRESTERS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR IN THE BASE OF THE COMBINATION MAST ARMS AS INCIDENTAL TO THE LIGHT FIXTURE PAY ITEM.
24. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN CAN SEE THE INTERSECTION OVER THE TIP OF THE CABINET WHILE WATCHING THE COMPONENTS OF THE CABINET.
25. BACKPLATES SHALL BE POLYCARBONATE WITH DEEP BACK FLANGE.
26. THE CONTROLLER SHALL BE TS1 AND TS2 COMPATIBLE.
27. ALL GROUNDING MATERIALS FOR TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2002.
28. THE YELLOW AND GREEN LED ARROW SECTIONS SHALL HAVE THREE ROWS OF LED IN LIEU OF TWO ROWS.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			95	69
STA.	TO STA.			
FED. ROAD DIST. NO. - ILLINOIS	FED. AID PROJECT			