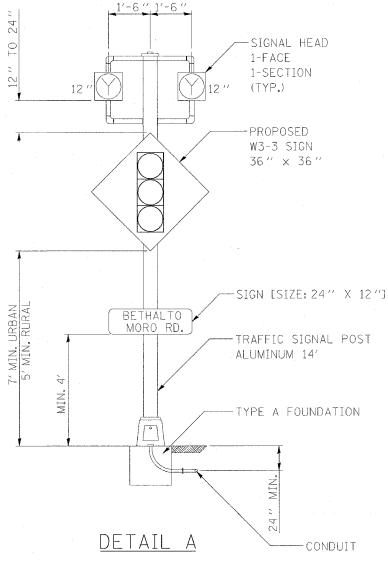
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- 1. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS.
  MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL
  BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS
  STEEL. ANTI-SEIZE COMPOUND SHALL BE USED ON ALL
  MOUNTING HARDWARE.
- 2. BACKPLATES SHALL BE ABS PLASTIC.
- 3. THE CONTROLLER CABINET SHALL BE UNPAINTED
- 4. THE LOCATION OF THE MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM EDGE OF PAVEMENT OR 2 FEET FROM EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB.
- 5. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- 6. THE LOCATION OF ALL DETECTORS LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- 7. DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- 8. CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- 9. ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE. IF A TIME SETTING IS PROGRAMMED, THEY SHALL BE RACK MOUNTED.
- 10. ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT (PER ARTICLE 814.03 (b)). THE CAST-IN-PLACE LEGEND ON THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS, ALSO, ALL HANDHOLES SHALL BE LOCATED OUTSIDE OF THE SHOULDER AND DITCHES
- 11. LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- 12. THE FINAL DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLES ARE AS FOLLOWS:
  - N-E CORNER: 11' DEEP
  - N-W CORNER: 13' DEEP
  - S-E CORNER: 13' DEEP S-W CORNER: 11' DEEP
- 13. AN UNDERGROUND "CABLE MARKING TAPE" SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 815.03(d) AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- 14. ILLINOIS STATE LAW REQUIRES THAT A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING, FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - \*FOSTERBURG WATER DISTRICT
  - \*HOLIDAY SHORES SANITARY DISTRICT
  - \*AMEREN IP
  - \*SBC
  - \*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY AN \* NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

15. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE WORK TO BE PERFORMED ON PROJECTS BE OTHER CONTRACTORS, ALSO, THERE SHOULD BE COOPERATION OF CONSTRUCTION ACTIVITIES BETWEEN CONTRACTORS.



EXISTING
SIDE BY SIDE POST MOUNTED
FLASHING BEACONS
(NOT TO SCALE)

REVISIONS
NAME DATE
FAP ROUTE 604
SECTION 102TS

AWN BY:

PLOT DATE: Friday January 07, 2005 @ 11:33:42 AM

MADISON COUNTY