

REFERRING TO STANDARD 857001, THE VEHICULAR PHASES USED ARE DESIGNATED BELOW. TRAFFIC ACTUATED CONTROLLER STANDARD SEQUENCE IV, 8 PHASES, IN TYPE IV CABINET.

**SUMMARY OF QUANTITIES - INTERCONNECT
IL 40 & MOSSVILLE/WILHELM TO PROJECT LIMITS NEAR IL 40 & HICKORY GROVE ROAD**

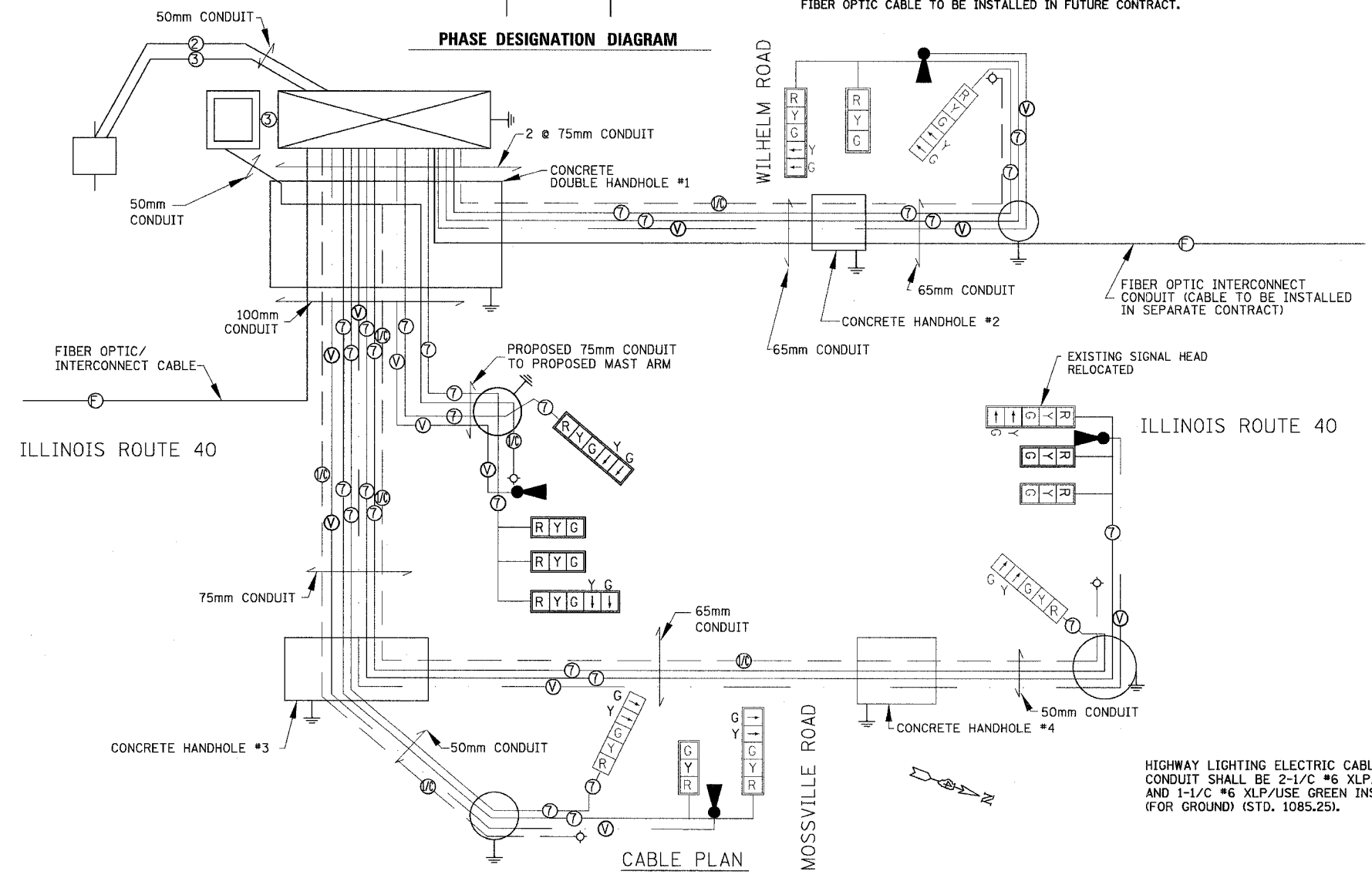
CONDUIT IN TRENCH, 50mm DIA., P.V.C.	1059 M
CONCRETE HANDHOLE	9 EA.
TRENCH AND BACKFILL FOR ELECTRICAL WORK	1059 M
DRILL EXISTING HANDHOLE	2 EA.

NOTE: QUANTITIES INCLUDE THE INTERCONNECT FROM ALTA ROAD TO HICKORY GROVE ROAD. FIBER OPTIC CABLE TO BE INSTALLED IN FUTURE CONTRACT.

SUMMARY OF QUANTITIES

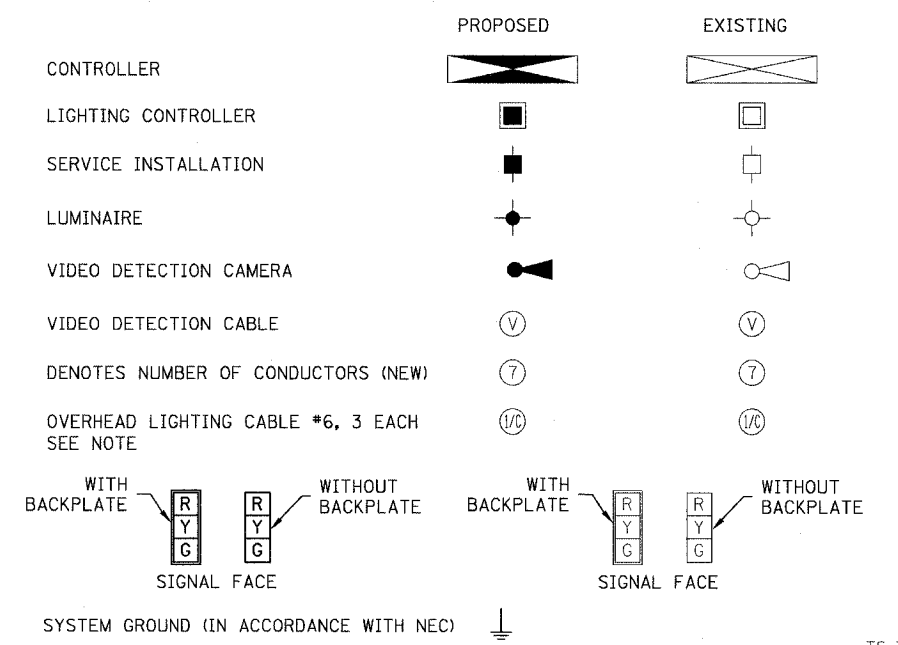
CONDUIT IN TRENCH, 75mm DIA., P.V.C.	15 M
TRENCH AND BACKFILL FOR ELECTRICAL WORK	15 M
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	49 M
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.76 METER (SPECIAL)	1 EA.
FULL ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL	1 EA.
TRANSCEIVER - FIBER OPTIC	1 EA.
GROUNDING EXISTING HANDHOLE FRAME AND COVER	4 EA.
DRILL EXISTING MANHOLE	1 EA.
RELOCATE EXISTING SIGNAL HEAD	1 EA.
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	1 EA.
REMOVE EXISTING CONCRETE FOUNDATION	1 EA.
CONCRETE FOUNDATION, TYPE E, 900mm DIAMETER	4.6 M
TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	2 EA.
VIDEO VEHICLE DETECTION, 4 CAMERA	1 EA.
REMOVE AND REINSTALL EXISTING LUMINAIRE	1 EA.
SIGNAL HEAD, LED, 1-FACE, 3 SECTION, MAST ARM MOUNTED	3 EA.
SIGNAL HEAD, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED	1 EA.
SIGNAL HEAD, LED, 1-FACE, 5 SECTION, MAST ARM MOUNTED	1 EA.

PHASE DESIGNATION DIAGRAM



HIGHWAY LIGHTING ELECTRIC CABLE IN CONDUIT SHALL BE 2-1/C #6 XLP/USE AND 1-1/C #6 XLP/USE GREEN INSULATION (FOR GROUND) (STD. 1085.25).

CABLE PLAN LEGEND



TS-7

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC WIRING DIAGRAM F.A. RTE. 646 (IL. RTE. 40) & MOSSVILLE RD. & WILHELM RD. SECTION (Y)W-1, RS-3 PEORIA COUNTY

SCALE: NONE
DATE: 09/01/06

DRAWN BY:
CHECKED BY: