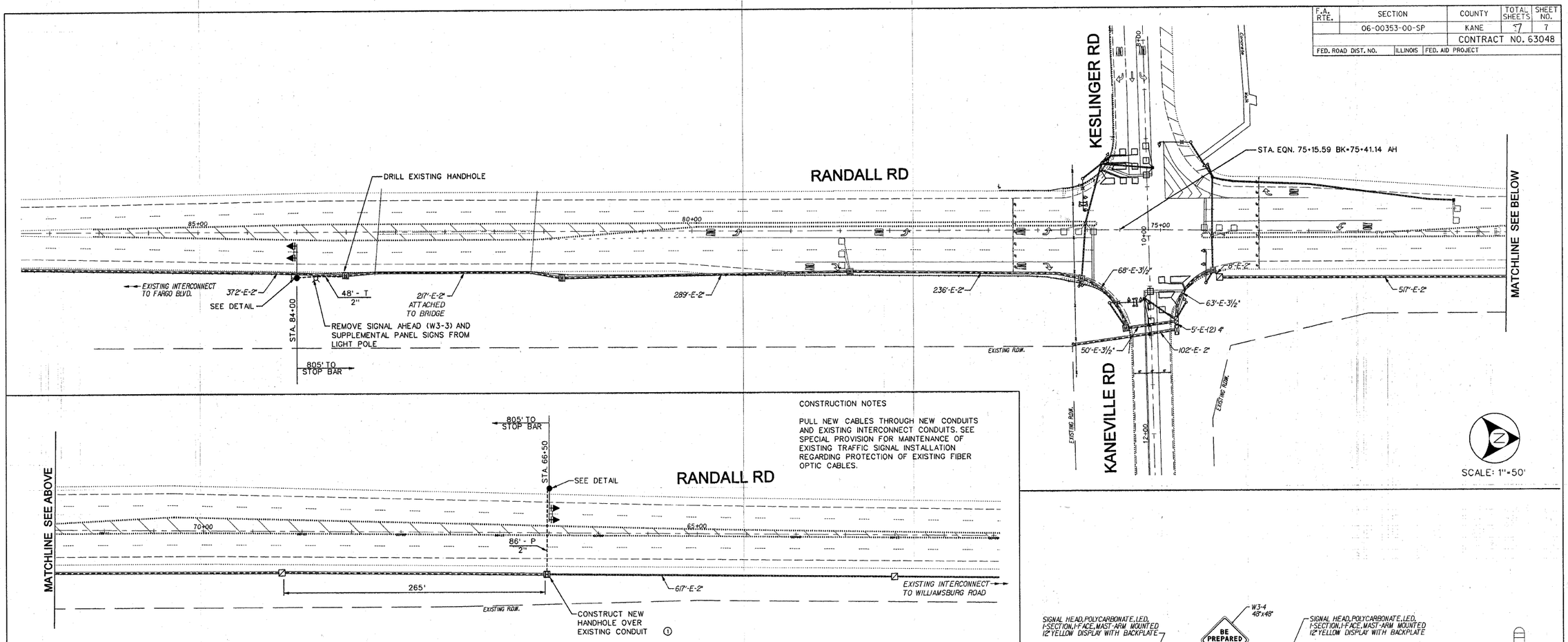
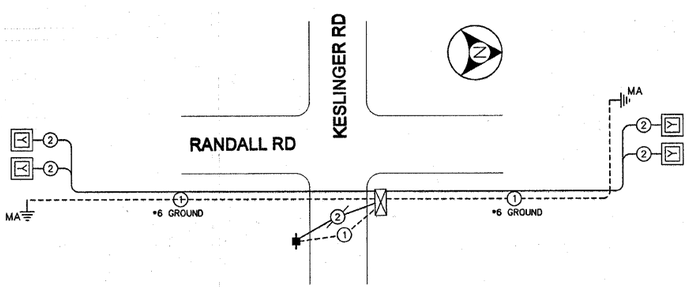
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00353-00-SP	KANE	7	7
		CONTRACT NO. 63048		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CONSTRUCTION NOTES

PULL NEW CABLES THROUGH NEW CONDUITS AND EXISTING INTERCONNECT CONDUITS. SEE SPECIAL PROVISION FOR MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION REGARDING PROTECTION OF EXISTING FIBER OPTIC CABLES.



CONSTRUCTION NOTES:
A NEW #6 GREEN GROUND WIRE SHALL BE INSTALLED BETWEEN EACH AWF MAST ARM AND THE CONTROL CABINET, AND BETWEEN THE CONTROL CABINET AND SERVICE INSTALLATION IN THE SOUTHEAST QUADRANT.

POWER SHALL BE SUPPLIED FROM THE SIGNAL CONTROL CABINET.

CABLE PLAN

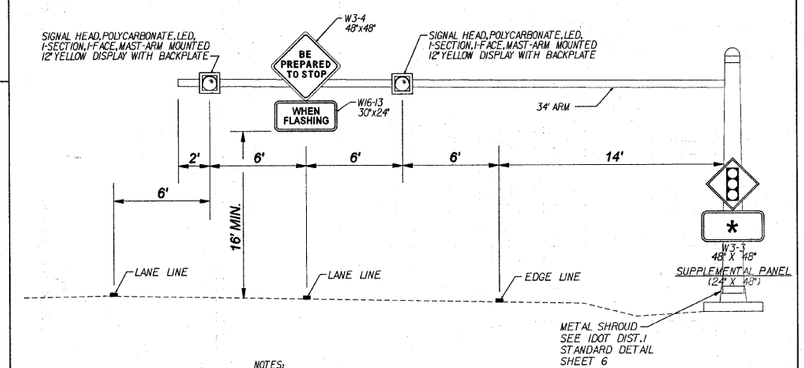
	ALTERNATING WIG-WAG FLASH	
RANDALL ROAD AWF NB OUTBOARD	Y	
RANDALL ROAD AWF NB INBOARD		Y
RANDALL ROAD AWF SB OUTBOARD	Y	
RANDALL ROAD AWF SB INBOARD		Y

OPERATION NOTES:
ALTERNATE WIG-WAG FLASHING OPERATION SHALL COMMENCE 8 SECONDS IN ADVANCE OF THE DISPLAY OF THE NB-SB YELLOW AND SHALL CONTINUE TO FLASH DURING THE YELLOW AND RED. THE TRAFFIC SIGNAL CONTROLLER SHALL BE PROGRAMMED WITH TIMED LAGGING OVERLAPS FOLLOWING PHASE 2 AND PHASE 6. THE EXISTING CONTROL EQUIPMENT IS EAGLE BRAND.

THE AWF SHALL FLASH WHENEVER THE INTERSECTION TRAFFIC SIGNAL IS OPERATING IN A FLASH MODE.

AWF - ADVANCED WARNING FLASHER

AWF SEQUENCE



NOTES:

ALL LED'S SHALL MEET THE LATEST ITE REQUIREMENTS FOR LED TRAFFIC SIGNALS.

SEE STANDARD 720001 FOR SIGN PANEL MOUNTING DETAILS.

ALL NEW SIGNS WILL BE PROVIDED AND INSTALLED BY THE KANE COUNTY DIVISION OF TRANSPORTATION.

* NORTH APPROACH
KESLINGER RD. →
← KANEVILLE RD.
SOUTH APPROACH
← KESLINGER RD.
KANEVILLE RD. →

MAST ARM MOUNTED BEACON AND SIGN DETAIL

METRO TRANSPORTATION GROUP, INC.
TRAFFIC ENGINEERING
TRANSPORTATION PLANNING/ENGINEERING
SIGNAL SYSTEMS/DESIGN
3100 W. HIGGINS ROAD, STE. 100
HOFFMAN ESTATES, IL 60169-2093
PH: 630.213.1000, FAX: 630.213.3227
www.metrotransportation.com

REVISIONS		
NO.	DATE	DESCRIPTION

MAST ARMS WITH BEACONS AND SIGNS PLAN

KANE COUNTY, ILLINOIS

FILE NAME: 02_plan.dgn
DATE June 26, 2008
PROJECT NO.: H0702.06-100
SHEET NO.: 7 OF 7