

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	280
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

- | | | |
|--|-----------------|-----------------|
| | PROPOSED | EXISTING |
| CONTROLLER | | |
| SERVICE INSTALLATION | | |
| SIGNAL HEAD | | |
| SIGNAL HEAD WITH BACKPLATE | | |
| SIGNAL HEAD, PEDESTRIAN | | |
| SIGNAL POST | | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | |
| UNIT DUCT | | |
| COMMON TRENCH | | |

NOTE 1:
 THE CONTRACTOR SHALL CONSTRUCT THE HANDHOLE IN SUCH A MANNER THAT IT WILL INTERCEPT THE EXISTING INTERCONNECT CONDUIT. PRIOR TO CUTTING THE EXISTING CONDUIT IN THE HANDHOLE, THE INTERCONNECT AND TRACER CABLES SHALL BE DISCONNECTED AT THE CONTROLLER AT THE INTERSECTION OF ILLINOIS ROUTE 47 AND KREUTZER ROAD AND PULLED BACK TO THE EAST OF THE HANDHOLE. THE CABLES SHALL THEN BE CONNECTED BACK INTO THE CONTROLLER. THE TIME DURATION OF THE INTERRUPTION IN THE SERVICE SHALL BE KEPT TO A MINIMUM.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH, AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

LEFT ON
 GREEN
 ARROW
 ONLY
 R10-5,
 24" X 30"
 (8 REQUIRED)

MATCH LINE A

MATCH LINE A

- | | |
|--|--|
| HAND-POLE | |
| HEAVY DUTY HAND-POLE | |
| DOUBLE HAND-POLE | |
| GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED | |
| PEDESTRIAN PUSHBUTTON DETECTOR | |
| DETECTOR LOOP | |
| CAST IRON JUNCTION BOX | |
| EMERGENCY VEHICLE SYSTEM DETECTOR | |
| CONFIRMATION BEACON | |
| SIGNAL HEAD, OPTICALLY PROGRAMMED | |
| CONDUIT SPLICE | |
| WOOD POLE | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | |
| RAILROAD CONTROL CABINET | |
| TELEPHONE CONNECTION | |
| ILLUMINATED SIGN, FIBER OPTIC 'NO LEFT TURN' | |
| ILLUMINATED SIGN, FIBER OPTIC 'NO RIGHT TURN' | |
| MICROWAVE VEHICLE SENSOR | |
| UPS-BATTERY BACK-UP | |

ALL THE DETECTOR LOOPS ARE PREFORMED DETECTOR LOOPS.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION
 ILLINOIS ROUTE 47 AT KREUTZER ROAD

REVISIONS	
NAME	DATE

SCALE: 1"=20'
 DATE: APRIL 17, 2009

DRAWN BY: MAA
 DESIGNER BY: PRG/RRM
 CHECKED BY: PRG/RRM

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
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 4/24/2009
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PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\1107-21-114786kreutzer Rd.Int.dgn
 PLOT SCALE = 1:1
 USER NAME = 3830