

CONSTRUCTION NOTES:

- ① REMOVE EXISTING CONTROLLER AND CABINET. INSTALL NEW FULL- ACTUATED CONTROLLER AND TYPE IV CABINET ON EXISTING FOUNDATION. INSTALL UPS.
- ② REMOVE EXISTING SIGNAL HEAD, 1-FACE 3-SECTION, MAST ARM MOUNTED.
- ③ INSTALL NEW SIGNAL HEAD, LED, 1-FACE 3-SECTION, MAST ARM MOUNTED.
- ④ REMOVE EXISTING SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED.
- ⑤ INSTALL NEW SIGNAL HEAD, LED, 1-FACE 5-SECTION, MAST ARM MOUNTED.
- ⑥ REMOVE EXISTING SIGNAL HEAD, 2-FACE 1-3 SECTION, 1-5 SECTION BRACKET MOUNTED.
- ⑦ REMOVE EXISTING TRAFFIC SIGNAL POST, 16 FT AND INSTALL NEW TRAFFIC SIGNAL POST, 16 FT ON EXISTING FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE 1-3 SECTION, 1-5 SECTION BRACKET MOUNTED.
- ⑧ REMOVE EXISTING TRAFFIC SIGNAL POST, 16 FT AND INSTALL NEW TRAFFIC SIGNAL POST, 14 FT ON EXISTING FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE 3 SECTION, BRACKET MOUNTED.
- ⑨ REMOVE EXISTING STEEL MAST ARM ASSEMBLY AND POLE. REMOVE EXISTING CONCRETE FOUNDATION. INSTALL NEW STEEL MAST ARM ASSEMBLY AND POLE, 44FT ON NEW FOUNDATION AT PROPOSED LOCATION AS SHOWN IN PLAN.
- ⑩ REMOVE EXISTING STEEL MAST ARM ASSEMBLY AND POLE. REMOVE EXISTING CONCRETE FOUNDATION. INSTALL NEW STEEL MAST ARM ASSEMBLY AND POLE, 36FT ON NEW FOUNDATION AT PROPOSED LOCATION AS SHOWN IN PLAN.
- ⑪ DISCONNECT FORWARD LOOP (INCIDENTAL TO CONTRACT).
- ⑫ REMOVE EXISTING EMERGENCY VEHICLE PREEMPTION LIGHT DETECTOR AND CONFIRMATION BEACON.

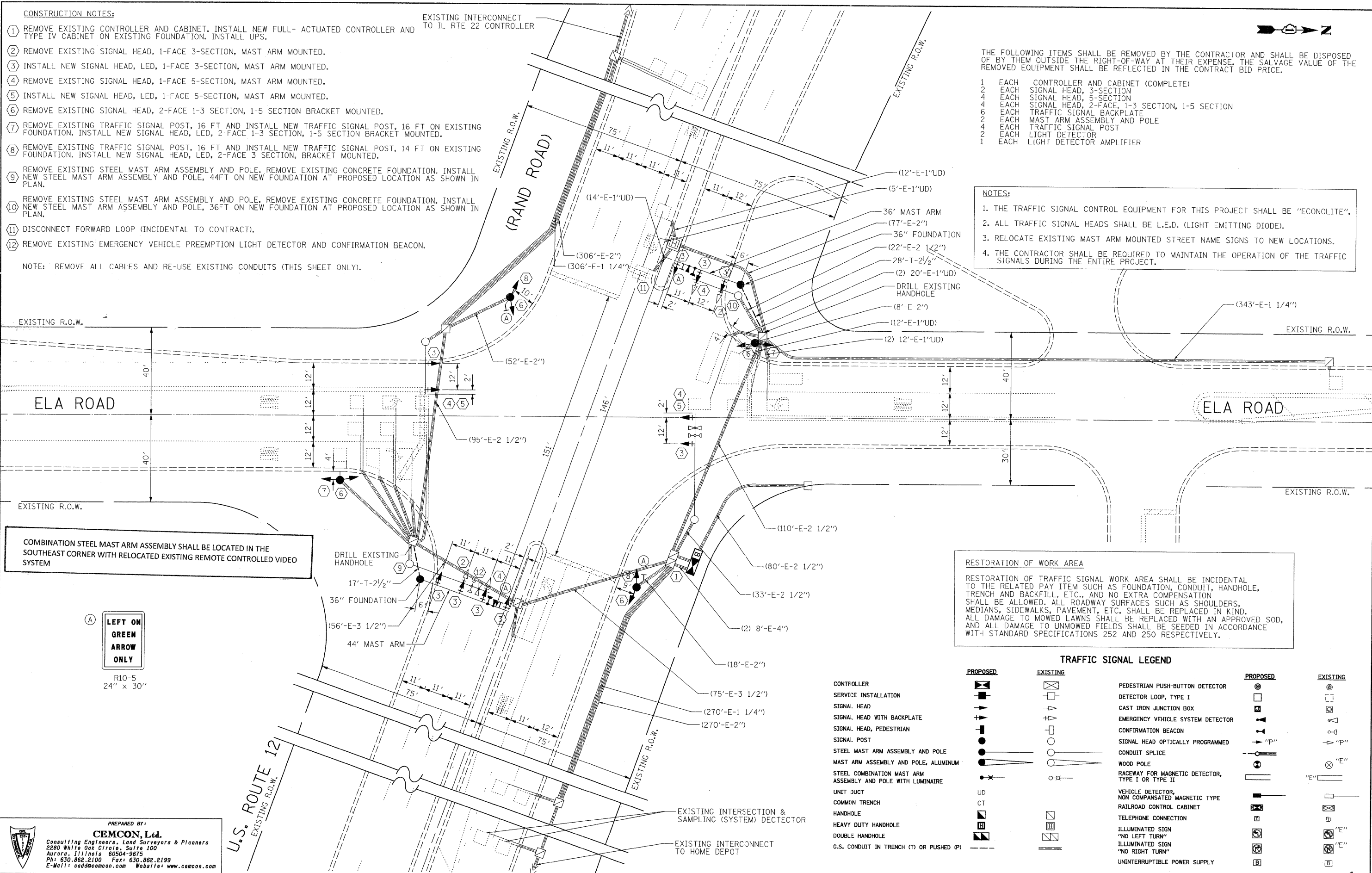
NOTE: REMOVE ALL CABLES AND RE-USE EXISTING CONDUITS (THIS SHEET ONLY).

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

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| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 2 | EACH | SIGNAL HEAD, 3-SECTION |
| 4 | EACH | SIGNAL HEAD, 5-SECTION |
| 4 | EACH | SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION |
| 6 | EACH | TRAFFIC SIGNAL BACKPLATE |
| 2 | EACH | MAST ARM ASSEMBLY AND POLE |
| 4 | EACH | TRAFFIC SIGNAL POST |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |

NOTES:

1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".
2. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE).
3. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO NEW LOCATIONS.
4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE OPERATION OF THE TRAFFIC SIGNALS DURING THE ENTIRE PROJECT.



COMBINATION STEEL MAST ARM ASSEMBLY SHALL BE LOCATED IN THE SOUTHEAST CORNER WITH RELOCATED EXISTING REMOTE CONTROLLED VIDEO SYSTEM



RESTORATION OF WORK AREA
 RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM 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.

TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER	[Symbol]	PEDESTRIAN PUSH-BUTTON DETECTOR	[Symbol]
SERVICE INSTALLATION	[Symbol]	DETECTOR LOOP, TYPE I	[Symbol]
SIGNAL HEAD	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	CONFIRMATION BEACON	[Symbol]
SIGNAL POST	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]
STEEL MAST ARM ASSEMBLY AND POLE	[Symbol]	CONDUIT SPLICE	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	WOOD POLE	[Symbol]
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]
UNIT DUCT	[Symbol]	VEHICLE DETECTOR, NON COMPANISAT MAGNETIC TYPE	[Symbol]
COMMON TRENCH	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]
HANDHOLE	[Symbol]	TELEPHONE CONNECTION	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]
DOUBLE HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY	[Symbol]

PREPARED BY:
CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60504-9875
 Ph: 630.862.2100 Fax: 630.862.2199
 E-Mail: cadd@cemcon.com Website: www.cemcon.com

FILE NAME = J:\MICROST\352056\15-ELA SIG.DGN	USER NAME = JLA	DESIGNED - KK	REVISED -
PLOT SCALE = 1"=20'	CHECKED - BPT	DRAWN - JLA	REVISED -
PLOT DATE = 12-10-08	DATE - 12-10-08		REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
 U.S. ROUTE 12 (RAND ROAD) AT ELA ROAD**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 334	SECTION 2008-069 TS	COUNTY LAKE	TOTAL SHEETS 26	SHEET NO. 16
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 60F62		

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