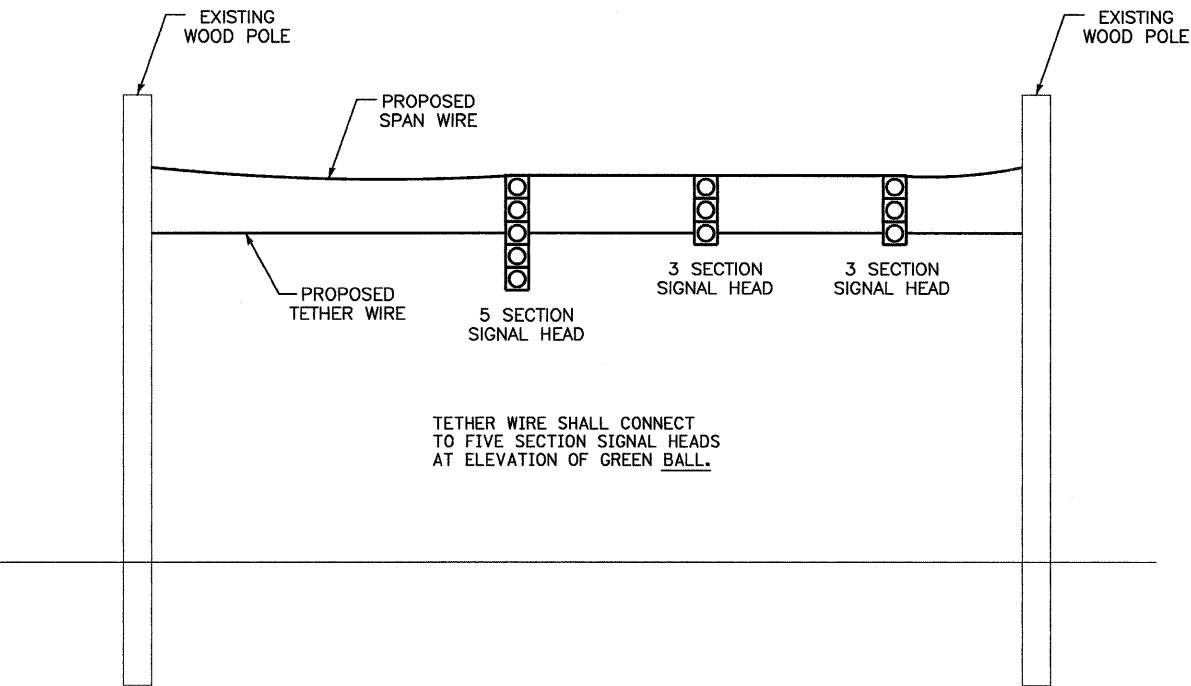
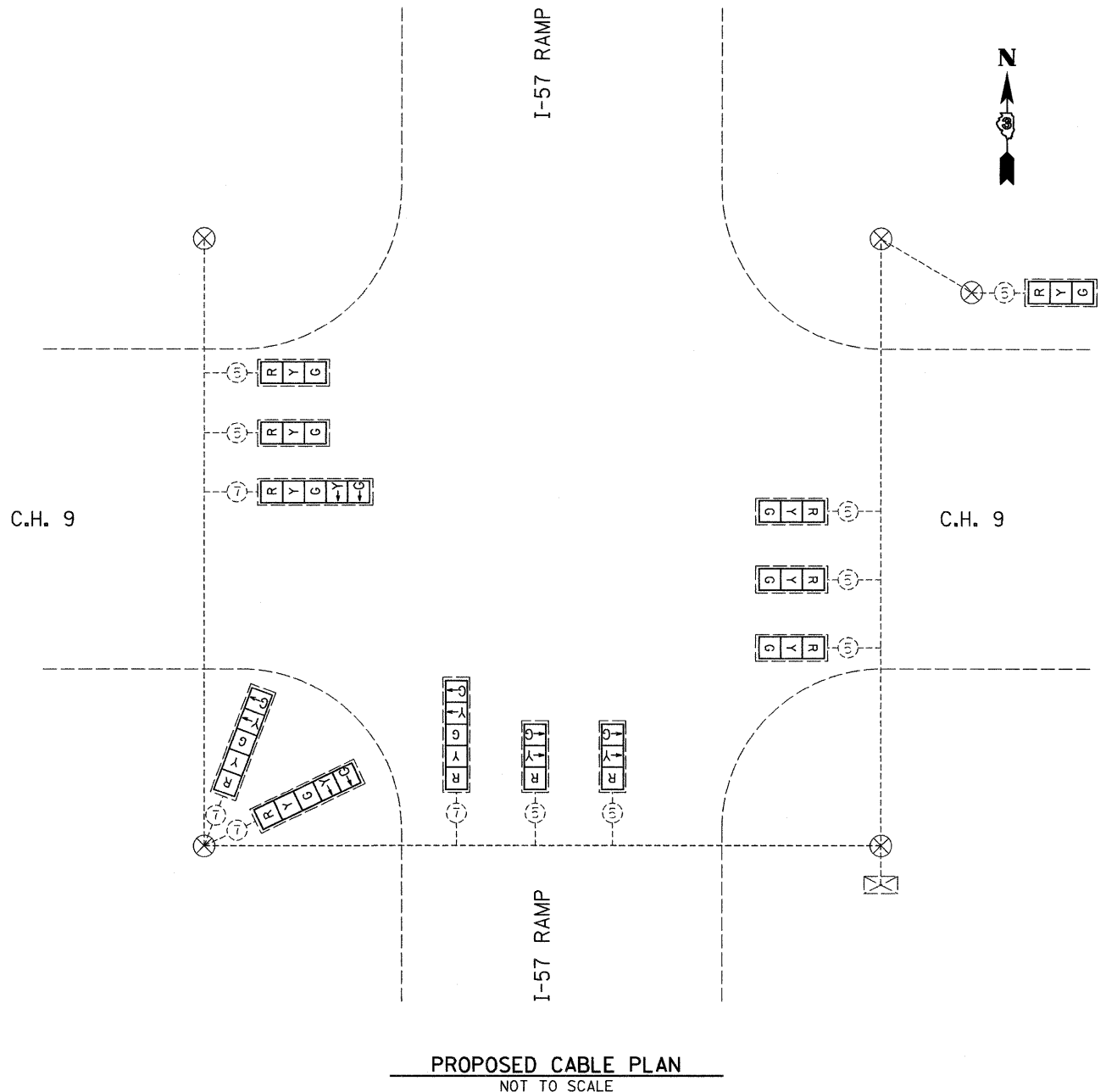


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
I 57	RED	4	7	35
	YELLOW	2	12	5
	GREEN	2	9.5	60
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
	YELLOW ARROW RT.	2	6	5
	GREEN ARROW RT.	2	6	10
C.H. 9	RED	8	7	60
	YELLOW	8	12	5
	GREEN	8	9.5	35
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:
CITY OF MANTENO

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE EIGHT (8) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE FOUR (4) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE SPAN WIRE AND TETHER WIRE.
- REMOVE EXISTING TRAFFIC SIGNAL BACKPLATES.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
 - 12 EACH - TRAFFIC SIGNAL BACKPLATE
 - 300 FOOT - SPAN WIRE
 - 300 FOOT - TETHER WIRE



TYPICAL ELEVATION VIEW
NOT TO SCALE

SEE SHEETS 35, 46 & 47 FOR SCHEDULE OF QUANTITY INFORMATION

TRAFFIC SIGNALS LEGEND	
(⊙)	DENOTES NUMBER OF EXISTING CONDUCTORS
(⊠)	EXISTING CONTROLLER AND CABINET
(⊗)	EXISTING WOOD POLE
(□)	SIGNAL SECTION 12"
(Y←)	LEFT TURN YELLOW
(G←)	LEFT TURN GREEN
(Y→)	RIGHT TURN YELLOW
(G→)	RIGHT TURN GREEN
(R Y G)	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 036013-SHT-TS-CABLE-MANTENO-157-CH9.DGN

USER NAME = --
PLOT SCALE = 1" = 20'
PLOT DATE = 04/12

DESIGNED - --
DRAWN - ARR
CHECKED - JKC
DATE - 04/12

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
MANTENO - MANTENO ROAD & I-57 SB RAMP (SPAN WIRE)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-5	KANKAKEE	62	52
				CONTRACT NO. 66C13
ILLINOIS FED. AID PROJECT				