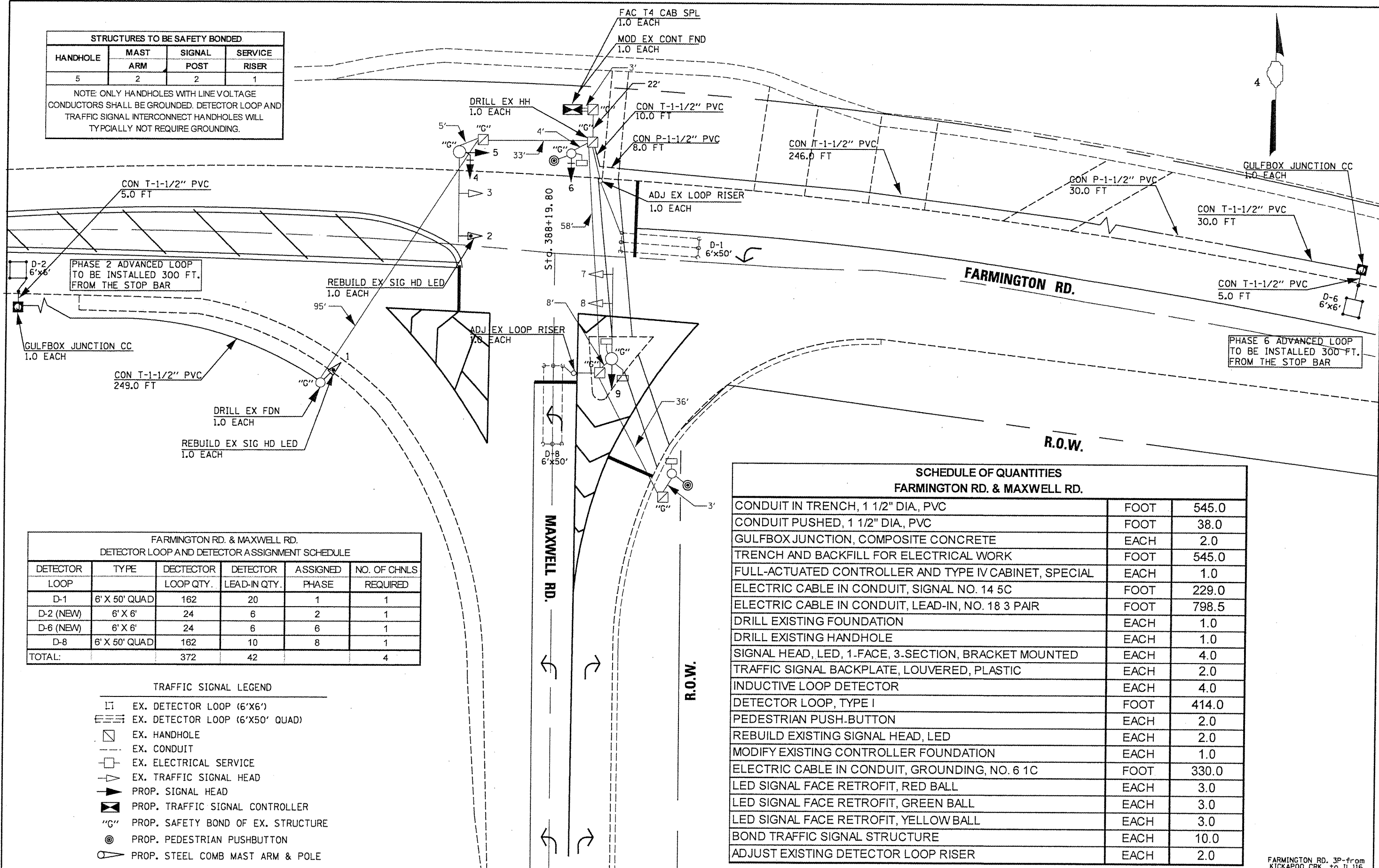


STRUCTURES TO BE SAFETY BONDED			
HANDHOLE	MAST ARM	SIGNAL POST	SERVICE RISER
5	2	2	1

NOTE: ONLY HANDHOLES WITH LINE VOLTAGE CONDUCTORS SHALL BE GROUNDED. DETECTOR LOOP AND TRAFFIC SIGNAL INTERCONNECT HANDHOLES WILL TYPICALLY NOT REQUIRE GROUNDING.



FARMINGTON RD. & MAXWELL RD. DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	NO. OF CHNLS REQUIRED
D-1	6' X 50' QUAD	162	20	1	1
D-2 (NEW)	6' X 6'	24	6	2	1
D-6 (NEW)	6' X 6'	24	6	6	1
D-8	6' X 50' QUAD	162	10	8	1
TOTAL:		372	42		4

- TRAFFIC SIGNAL LEGEND
- LI EX. DETECTOR LOOP (6'X6')
 - EX. DETECTOR LOOP (6'X50' QUAD)
 - EX. HANDHOLE
 - EX. CONDUIT
 - EX. ELECTRICAL SERVICE
 - EX. TRAFFIC SIGNAL HEAD
 - PROP. SIGNAL HEAD
 - PROP. TRAFFIC SIGNAL CONTROLLER
 - "G" PROP. SAFETY BOND OF EX. STRUCTURE
 - ⊙ PROP. PEDESTRIAN PUSHBUTTON
 - ◁ PROP. STEEL COMB MAST ARM & POLE

SCHEDULE OF QUANTITIES FARMINGTON RD. & MAXWELL RD.		
CONDUIT IN TRENCH, 1 1/2" DIA, PVC	FOOT	545.0
CONDUIT PUSHED, 1 1/2" DIA, PVC	FOOT	38.0
GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	2.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	545.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	229.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	798.5
DRILL EXISTING FOUNDATION	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	2.0
INDUCTIVE LOOP DETECTOR	EACH	4.0
DETECTOR LOOP, TYPE I	FOOT	414.0
PEDESTRIAN PUSH-BUTTON	EACH	2.0
REBUILD EXISTING SIGNAL HEAD, LED	EACH	2.0
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1.0
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	330.0
LED SIGNAL FACE RETROFIT, RED BALL	EACH	3.0
LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	3.0
LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	3.0
BOND TRAFFIC SIGNAL STRUCTURE	EACH	10.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	2.0

FILE NAME = 68502 Farmington Rd.dgn

USER NAME = jonesco
 DESIGNED - ERH
 DRAWN - ERH
 CHECKED -
 DATE -
 PLOT SCALE = 1/8" = 1'-0"
 PLOT DATE = 1/28/2010

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS
 FARMINGTON RD. & MAXWELL RD.

F.A.U. RTE. 6659
 SECTION 11RS-3
 COUNTY PEORIA
 TOTAL SHEET NO. 40
 SHEET NO. 27
 CONTRACT NO. 68502
 FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT

FARMINGTON RD. 3P-from KICKAPOO CRK. to IL.116