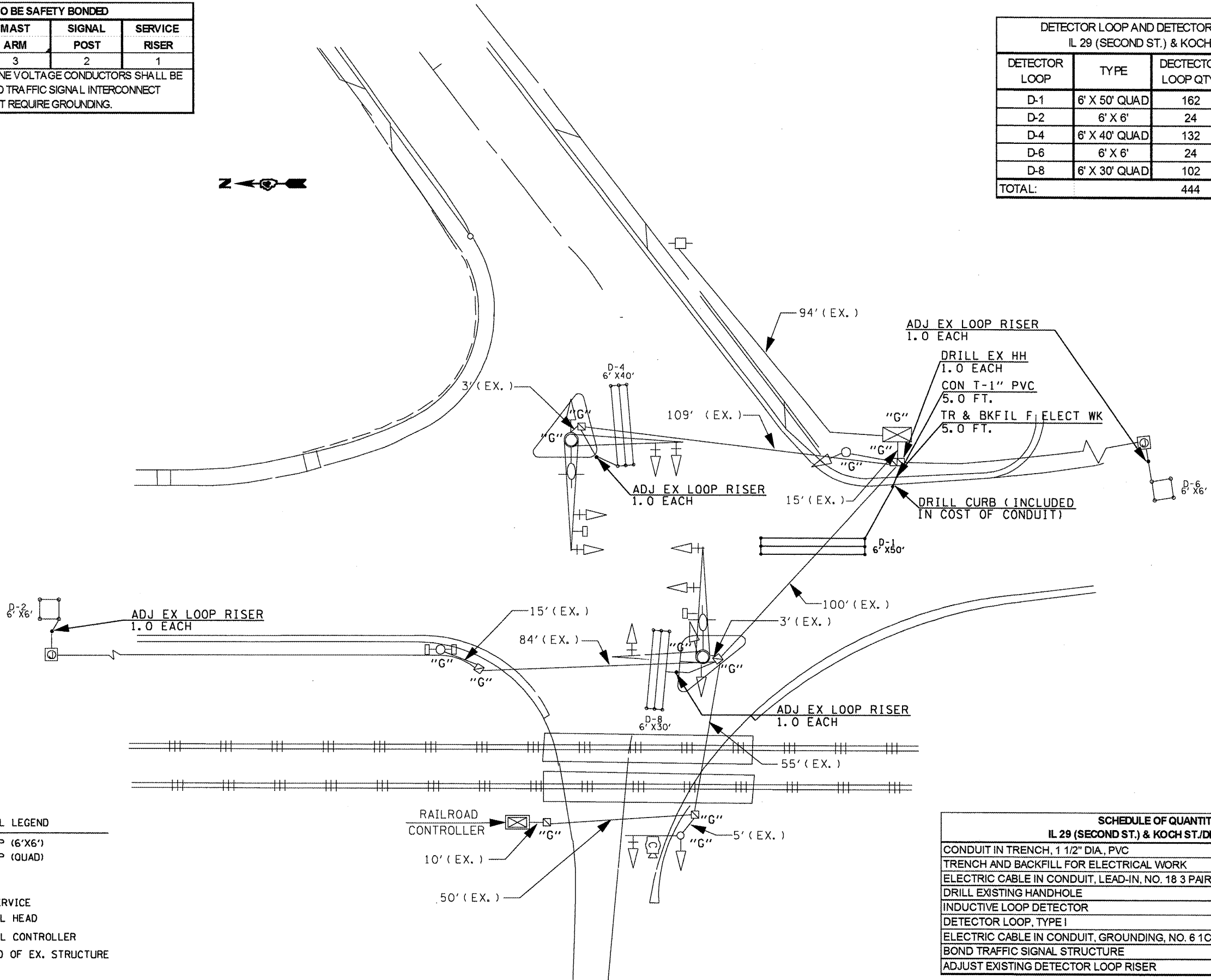


STRUCTURES TO BE SAFETY BONDED				
DOUBLE HANDHOLE	HANDHOLE	MAST ARM	SIGNAL POST	SERVICE RISER
1	5	3	2	1

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

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 29 (SECOND ST.) & KOCH ST./DISTILLERY RD.				
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-1	6' X 50' QUAD	162	30	1
D-2	6' X 6'	24	8	2
D-4	6' X 40' QUAD	132	12	4
D-6	6' X 6'	24	8	6
D-8	6' X 30' QUAD	102	12	8
TOTAL:		444	70	



TRAFFIC SIGNAL LEGEND

- EX. DETECTOR LOOP (6'X6')
- EX. DETECTOR LOOP (QUAD)
- EX. HANDHOLE
- EX. CONDUIT
- EX. ELECTRICAL SERVICE
- △ EX. TRAFFIC SIGNAL HEAD
- ⊠ EX. TRAFFIC SIGNAL CONTROLLER
- "G" PROP. SAFETY BOND OF EX. STRUCTURE

SCHEDULE OF QUANTITIES IL 29 (SECOND ST.) & KOCH ST./DISTILLERY RD.		
CONDUIT IN TRENCH, 1 1/2" DIA, PVC	FOOT	5.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	5.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	31.0
DRILL EXISTING HANDHOLE	EACH	1.0
INDUCTIVE LOOP DETECTOR	EACH	1.0
DETECTOR LOOP, TYPE I	FOOT	514.0
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	566.0
BOND TRAFFIC SIGNAL STRUCTURE	EACH	12.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	4.0