

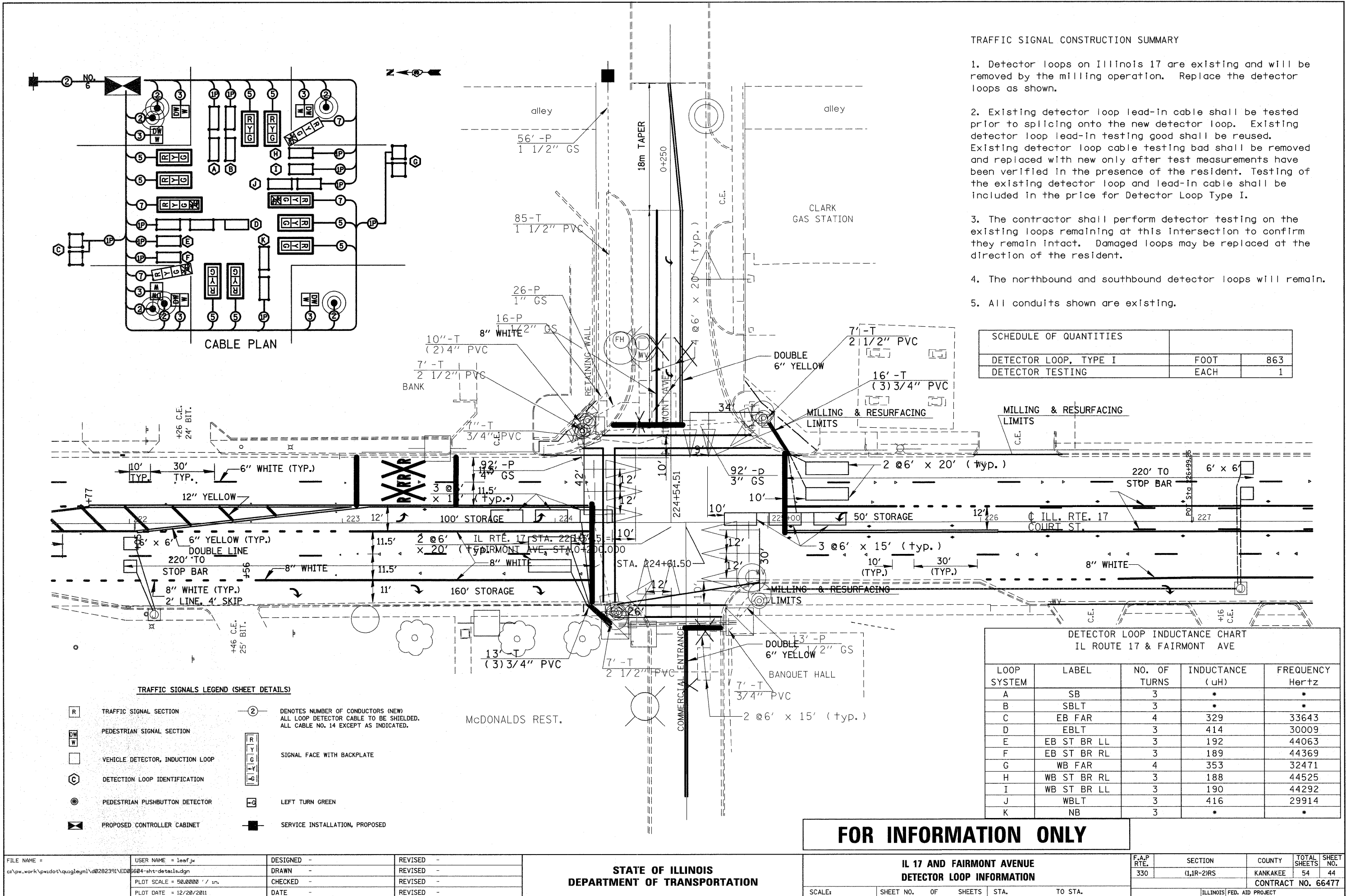
TRAFFIC SIGNAL CONSTRUCTION SUMMARY

1. Detector loops on Illinois 17 are existing and will be removed by the milling operation. Replace the detector loops as shown.
2. Existing detector loop lead-in cable shall be tested prior to splicing onto the new detector loop. Existing detector loop lead-in testing good shall be reused. Existing detector loop cable testing bad shall be removed and replaced with new only after test measurements have been verified in the presence of the resident. Testing of the existing detector loop and lead-in cable shall be included in the price for Detector Loop Type I.
3. The contractor shall perform detector testing on the existing loops remaining at this intersection to confirm they remain intact. Damaged loops may be replaced at the direction of the resident.
4. The northbound and southbound detector loops will remain.
5. All conduits shown are existing.

SCHEDULE OF QUANTITIES		
DETECTOR LOOP, TYPE I	FOOT	863
DETECTOR TESTING	EACH	1

DETECTOR LOOP INDUCTANCE CHART IL ROUTE 17 & FAIRMONT AVE				
LOOP SYSTEM	LABEL	NO. OF TURNS	INDUCTANCE (uH)	FREQUENCY Hertz
A	SB	3	*	*
B	SBLT	3	*	*
C	EB FAR	4	329	33643
D	EBLT	3	414	30009
E	EB ST BR LL	3	192	44063
F	EB ST BR RL	3	189	44369
G	WB FAR	4	353	32471
H	WB ST BR RL	3	188	44525
I	WB ST BR LL	3	190	44292
J	WBLT	3	416	29914
K	NB	3	*	*

FOR INFORMATION ONLY



TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- TRAFFIC SIGNAL SECTION
- PEDESTRIAN SIGNAL SECTION
- VEHICLE DETECTOR, INDUCTION LOOP
- DETECTION LOOP IDENTIFICATION
- PEDESTRIAN PUSHBUTTON DETECTOR
- PROPOSED CONTROLLER CABINET
- DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
- SIGNAL FACE WITH BACKPLATE
- LEFT TURN GREEN
- SERVICE INSTALLATION, PROPOSED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 17 AND FAIRMONT AVENUE
DETECTOR LOOP INFORMATION

FILE NAME =	USER NAME = leaf_jw	DESIGNED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE. 330 SECTION (I,IR-2)RS COUNTY KANKAKEE TOTAL SHEETS 54 SHEET NO. 44 CONTRACT NO. 66477 [ILLINOIS] FED. AID PROJECT
ca:\pw_work\pwwdot\quigley\m\0202391\ED06604-shd-details.dgn	DRAWN -	REVISED -			
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -			
PLOT DATE = 12/20/2011	DATE -	REVISED -			