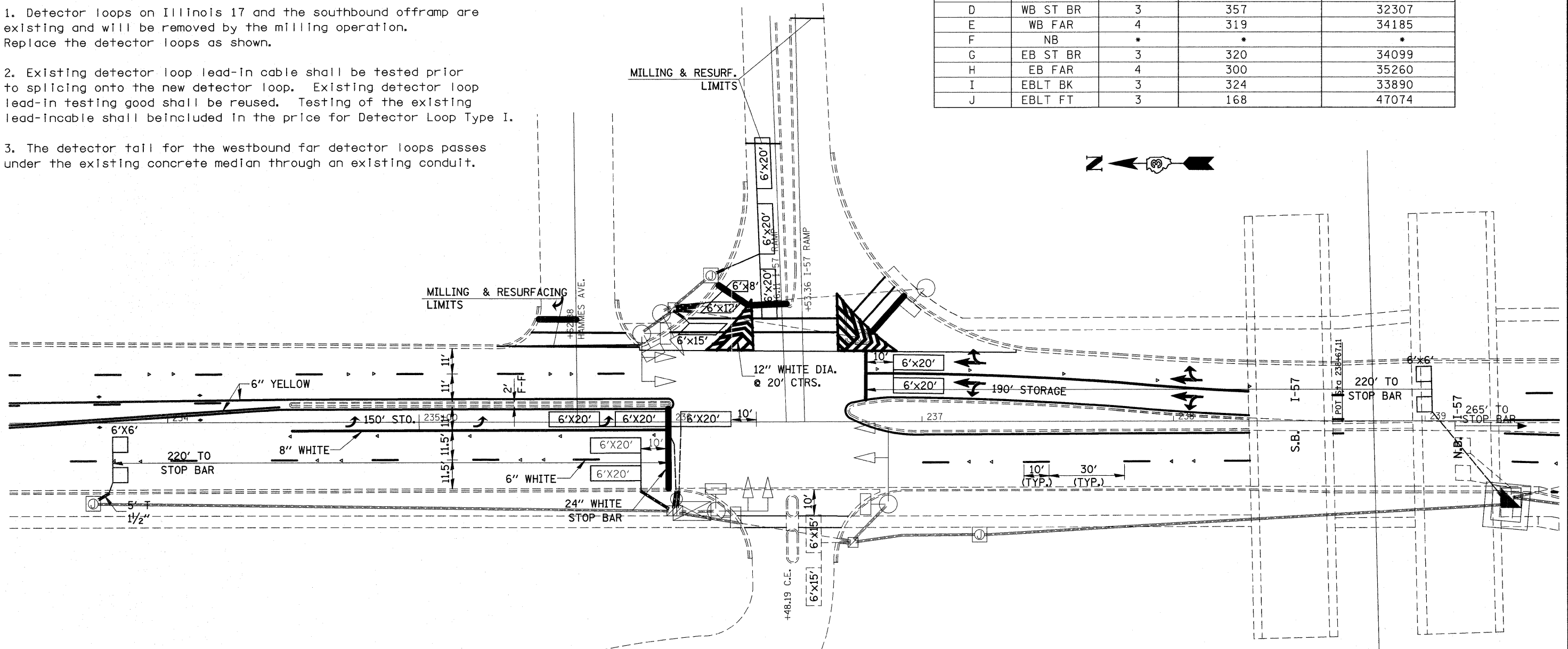


DETECTOR LOOP INDUCTANCE CHART
IL ROUTE 17 & THE WEST I-57 RAMP

LOOP SYSTEM	LABEL	NO. OF TURNS	INDUCTANCE (uH)	FREQUENCY Hertz
A	SBRT FT	3	159	48338
B	SBRT BK	3	227	40470
C	SB	3	502	27238
D	WB ST BR	3	357	32307
E	WB FAR	4	319	34185
F	NB	*	*	*
G	EB ST BR	3	320	34099
H	EB FAR	4	300	35260
I	EBLT BK	3	324	33890
J	EBLT FT	3	168	47074

TRAFFIC SIGNAL CONSTRUCTION SUMMARY

1. Detector loops on Illinois 17 and the southbound offramp 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. Testing of the existing lead-in cable shall be included in the price for Detector Loop Type I.
3. The detector tail for the westbound far detector loops passes under the existing concrete median through an existing conduit.



SCHEDULE OF QUANTITIES		
DETECTOR LOOP, TYPE I	FOOT	937
DETECTOR TESTING	EACH	1

FOR INFORMATION ONLY

FILE NAME =	USER NAME = leaf.jw	DESIGNED -	REVISED -
ct:\pwork\pwork\qangleym\1d0202391\ED06604-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 12/20/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 17 AND SOUTHBOUND RAMPS
DETECTOR LOOP INFORMATION

F.A.P. RTE. 330	SECTION (1,1R-2)RS	COUNTY KANKAKEE	TOTAL SHEETS 54	SHEET NO. 46
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66477	
ILLINOIS FED. AID PROJECT				