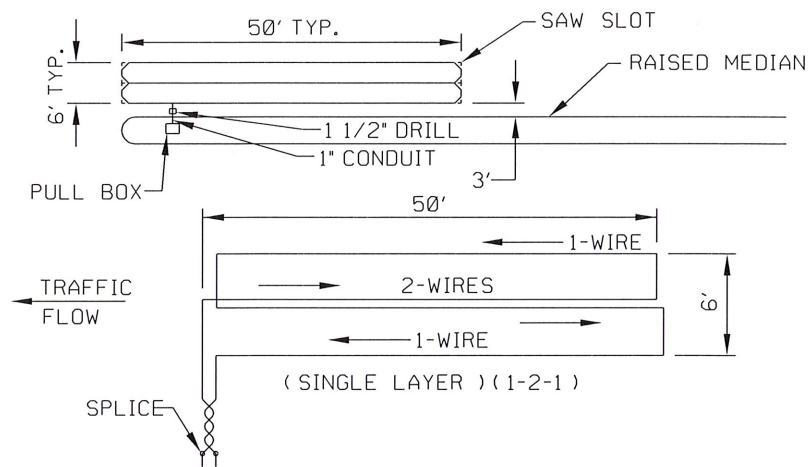


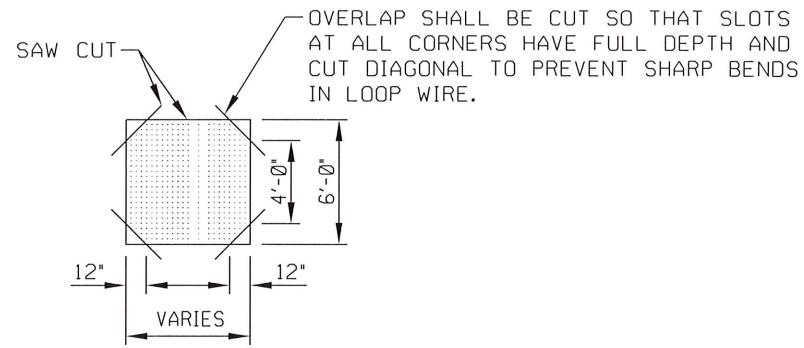
PATH NAME: /E1/PARTS/STD/DGN/STD/604A-inst-detectors.dgn RSB 08/06/2021

SAW CUT DEPTH CHART (IN.)					
NUMBER OF WIRES	1-2	3	4	5	6
CONCRETE	1 1/4	1 3/4	2	2 1/2	2 3/4
ASPHALT	1 3/4	2 1/4	2 1/2	3	3 1/4

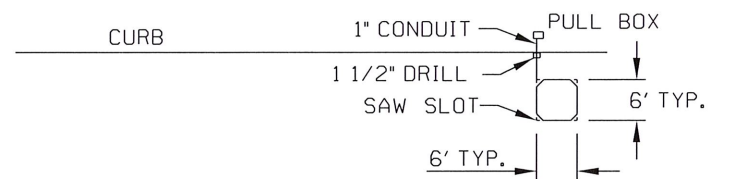
PLACEMENT TABLE	
DESIGN SPEED MPH	DISTANCE *X* FT.
30	220
35	256
40	293
45	330



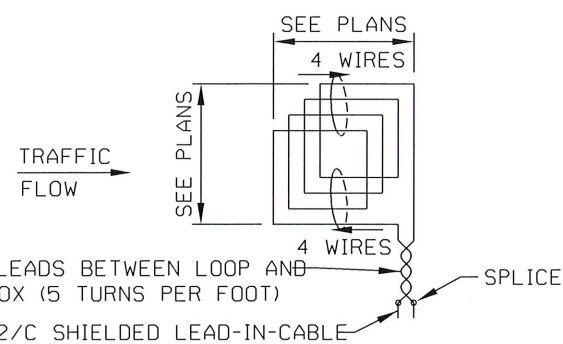
LEFT TURN QUADRUPOLE LOOP WINDING INSTRUCTIONS



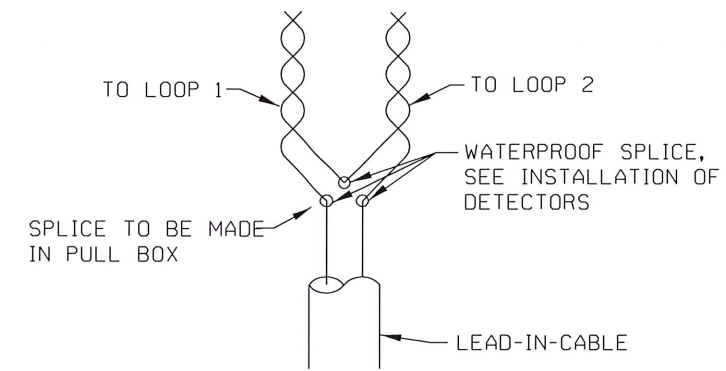
ALL SAW CUT CORNERS - DIAGRAM



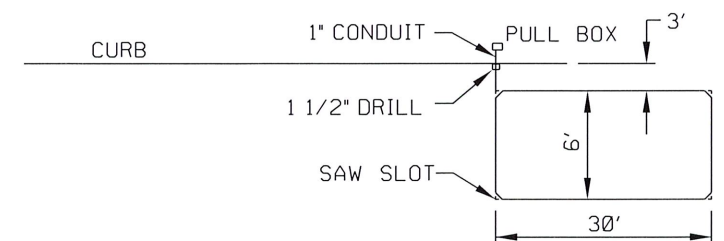
STRAIGHT THROUGH LOOP (SMALL) (WITH 4 WRAPS)



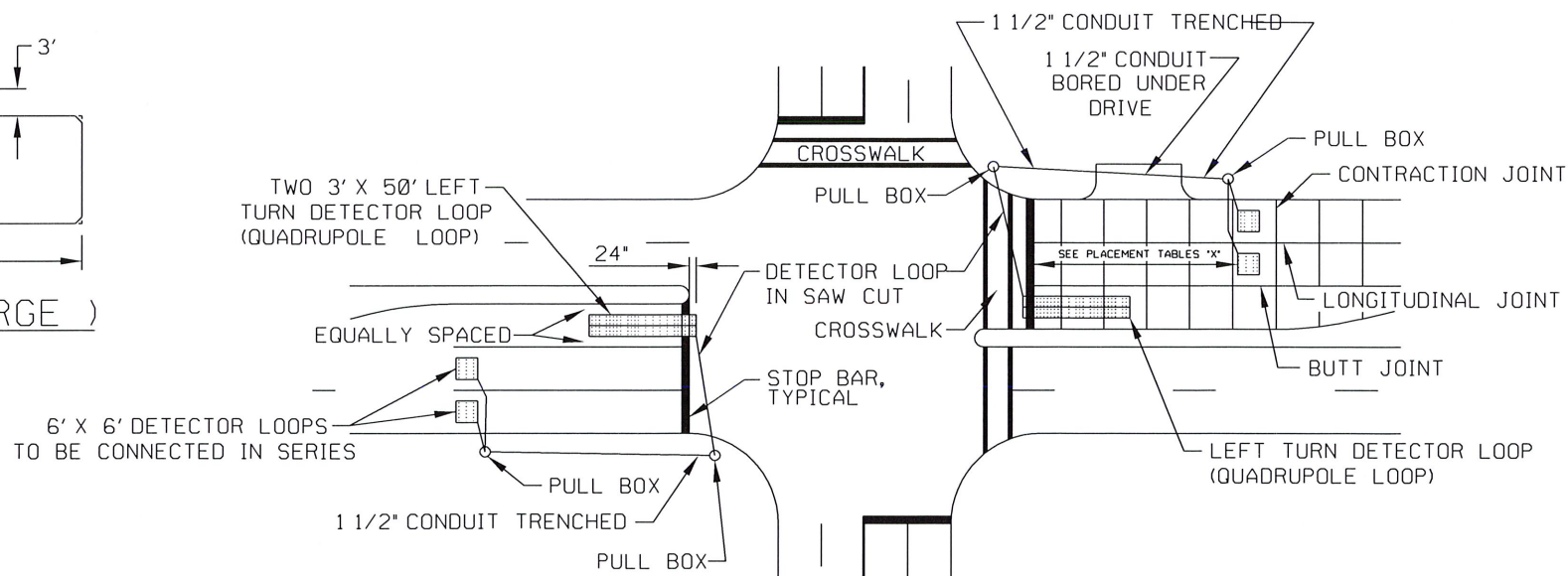
STANDARD LOOP (6' x 6') (6' x 30')



TYPICAL LOOP DETECTOR WIRE CONNECTION IN SERIES



STRAIGHT THROUGH LOOP (LARGE) (WITH 4 WRAPS)



TYPICAL DETECTOR WIRE AND LOOP PLACEMENT

REVISION	BY	DATE

Kelley
CITY ENGINEER

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

Kevin W. Kelly
CITY TRAFFIC ENGINEER

INSTALLATION OF DETECTORS

DATE: MARCH 2022

STD. 604A