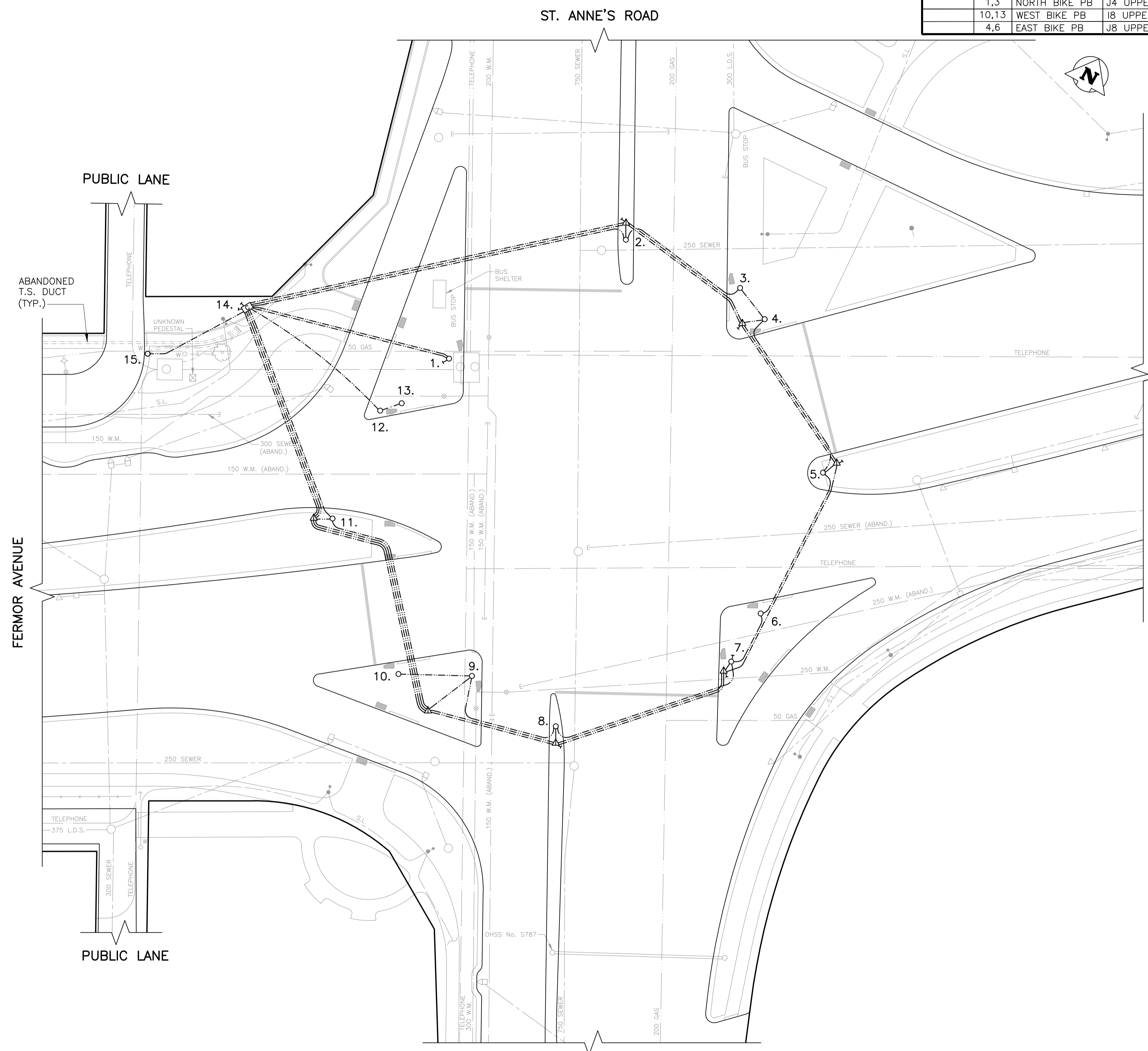
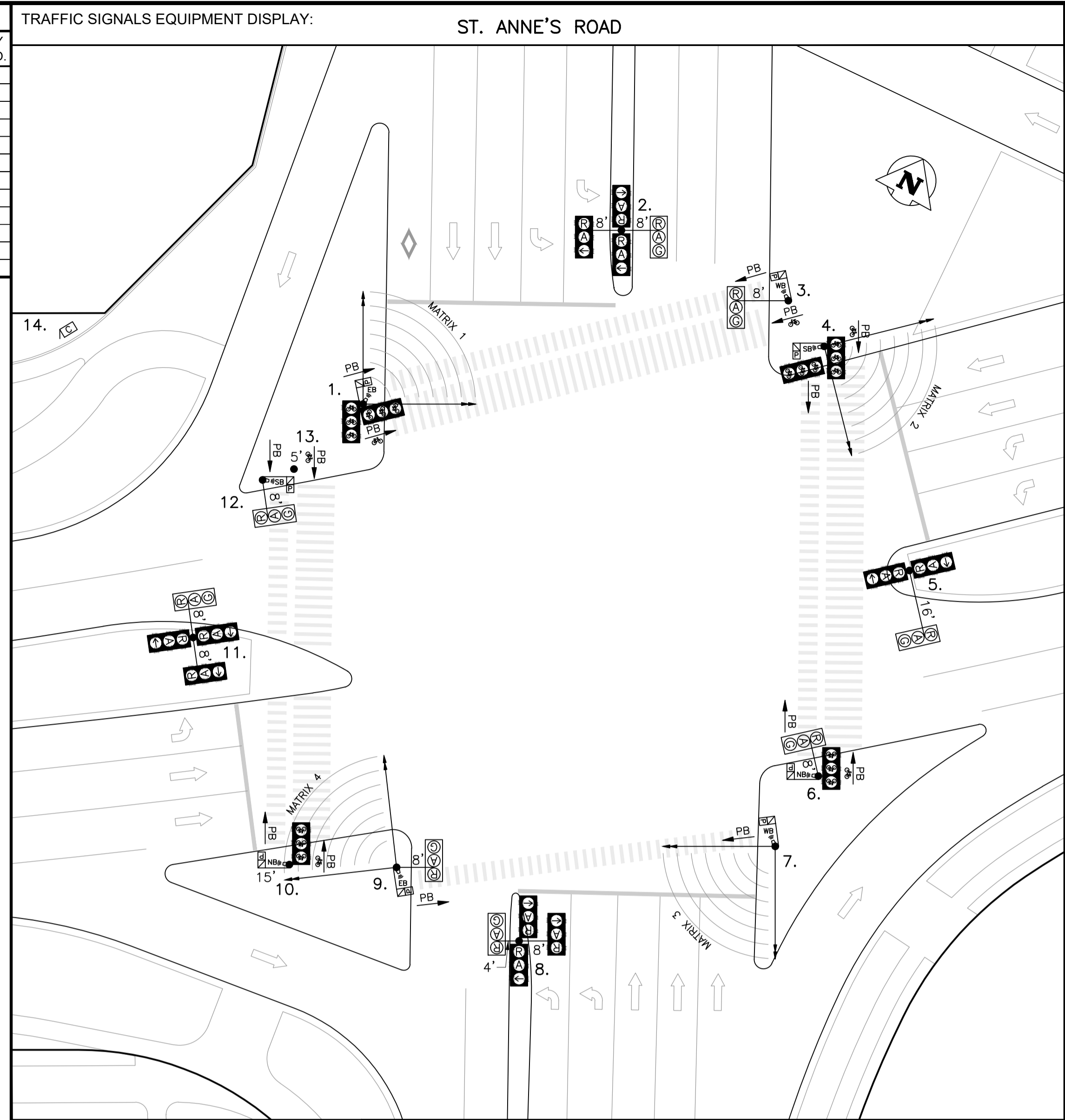


DETECTION CONNECTION DETAILS				
SENSOR NO.	POLE NO.	DETECTION LOCATION	DETECTOR LOCATION	TRANSPARITY DETECTOR NO.
MATRIX 1	1	SB LANES	I6 UPPER	3
		SB LEFT LANES	J5 UPPER	15
		SB TRANSIT	I9 UPPER	18
MATRIX 2	4	WB LANES	J2 UPPER	2
		WB LEFT LANES	I1 UPPER	14
MATRIX 3	7	NB LANES	J6 UPPER	4
		NB LEFT LANES	I5 UPPER	16
MATRIX 4	9	EB LANES	I2 UPPER	1
		EB LEFT LANES	J1 UPPER	13
		1,3 NORTH BIKE PB	J4 UPPER	10
		10,13 WEST BIKE PB	I8 UPPER	11
		4,6 EAST BIKE PB	J8 UPPER	12



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:300

EQUIPMENT DISPLAY LEGEND				EQUIPMENT LIST				EQUIPMENT LIST						
NO.	DESCRIPTION	ARM	BASE	B.B.	NO.	DESCRIPTION	ARM	BASE	B.B.	NO.	DESCRIPTION	ARM	BASE	B.B.
1.	CANTILEVER W/ VERTICAL EXTENSION FOR CAMERA AND DETECTION		OD	DC	9.	CANTILEVER	8'	OD	DC					
2.	DOUBLE CANTILEVER	8'/8'	OD	DC	10.	15' SIGNAL		G	G					
3.	CANTILEVER	8'	OD	DC	11.	DOUBLE CANTILEVER	8'/8'	OD	DC					
4.	CANTILEVER W/ VERTICAL EXTENSION FOR DETECTION		OD	DC	12.	CANTILEVER	8'	OD	DC					
5.	CANTILEVER	16'	OD	DC	13.	5' SIGNAL		PM	M					
6.	CANTILEVER	8'	OD	DC	14.	332 CABINET/2070 CONTROLLER UPS SIDEMOUNT S6 CABINET								
7.	CANTILEVER W/ VERTICAL EXTENSION FOR DETECTION		OD	DC	15.	HYDRO WOOD SERVICE:								
8.	DOUBLE CANTILEVER	4'/8'	OD	DC										

TRAFFIC SIGNALS UNDERGROUND LEGEND				SIGNAL BASE BOLT SQUARE TYPES			
EXISTING	POLE BASE	CONDUIT STUB		EXISTING	LOOPS - SAW CUT	DISCONNECTED	EXISTING
EXISTING	CONTROLLER BASE	LOOPS - PREFORMED		EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	PEDESTAL BASE	1 1/2" CONDUIT		EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	TERMINAL BASE	2" CONDUIT		EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	SERVICE BOX (PIT)	3" CONDUIT		EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	24" PRECAST PIT	AERIAL/BURIED CABLE		EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	30" PRECAST PIT			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	36" PRECAST PIT			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	1 1/2" CONDUIT			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	2" CONDUIT			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	3" CONDUIT			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING
EXISTING	AERIAL/BURIED CABLE			EXISTING	DISCONNECTED	DISCONNECTED	EXISTING

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 W.M.	WATERMAIN	150 W.M.	PROPERTY LINE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
300 SEWER	SEWER	300 SEWER	CONCRETE	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
50 GAS	MANHOLE	50 GAS	SIDEWALK	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE
200 W.M.	CATCH BASIN	200 W.M.	CURB RAMP	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT
300 W.M.	CURB INLET	300 W.M.	WARNING TILE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE
100 GAS	HYDRO	100 GAS	ASPHALT	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE
	GAS		SLOPE	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE
			CULVERT	FENCE	FENCE	FENCE	FENCE	FENCE
			BUILDING	TREE	TREE	TREE	TREE	TREE

UNDERGROUND STRUCTURES
ORIGINAL SIGNED BY: _____
DATE: _____
UNDERGROUND STRUCTURES COMMITTEE DATE: _____

CONSTRUCTION REVISIONS

NO.	REVISION	DATE	BY
1	ISSUED FOR RECORD	Jun. 17/19	A.M.
0	ISSUED FOR CONSTRUCTION	Mar. 27/18	M.C.

NOTE:
LOCATIONS OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

DESIGNED BY	DATE	TRAFFIC SIGNALS ENGINEER	DATE
A.M.			
DRAWN BY	DATE	TRAFFIC SIGNALS ENGINEER	DATE
J.S.			
CHECKED BY	DATE	TRAFFIC SIGNALS ENGINEER	DATE
APPROVED BY	DATE	TRAFFIC SIGNALS ENGINEER	DATE

RELEASED FOR CONSTRUCTION: _____
DATE: _____

ENGINEER'S SEAL: _____
DATE: _____

TRAFFIC SIGNALS ENGINEER: _____
DATE: _____

RECORD DRAWING

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
FERMOR AVE. & ST. ANNE'S RD.

SCALE: 1:300
(ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED)

DRAWING NUMBER: S-1458