

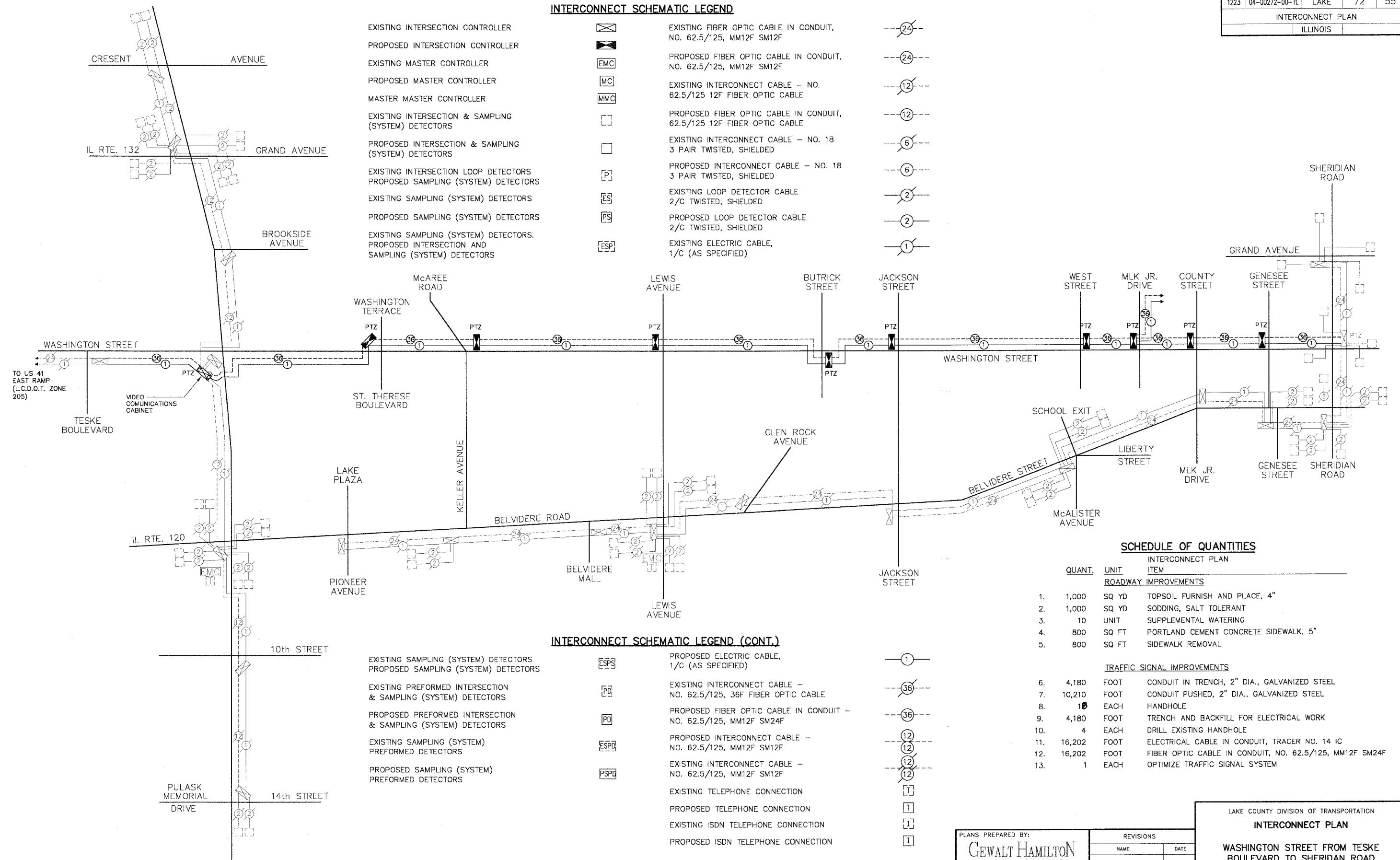
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1223	04-00272-00-TL	LAKE	72	55
INTERCONNECT PLAN				
ILLINOIS				

INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
PROPOSED INTERSECTION CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
EXISTING MASTER CONTROLLER		EXISTING INTERCONNECT CABLE -- NO. 62.5/125 12F FIBER OPTIC CABLE	
PROPOSED MASTER CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT, 62.5/125 12F FIBER OPTIC CABLE	
MASTER MASTER CONTROLLER		EXISTING INTERCONNECT CABLE -- NO. 18 3 PAIR TWISTED, SHIELDED	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE -- NO. 18 3 PAIR TWISTED, SHIELDED	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
EXISTING INTERSECTION LOOP DETECTORS		PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
PROPOSED SAMPLING (SYSTEM) DETECTORS		EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS			
PROPOSED SAMPLING (SYSTEM) DETECTORS			
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS			

INTERCONNECT SCHEMATIC LEGEND (CONT.)

EXISTING SAMPLING (SYSTEM) DETECTORS		PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	
PROPOSED SAMPLING (SYSTEM) DETECTORS		EXISTING INTERCONNECT CABLE -- NO. 62.5/125, 36F FIBER OPTIC CABLE	
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED FIBER OPTIC CABLE IN CONDUIT -- NO. 62.5/125, MM12F SM24F	
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE -- NO. 62.5/125, MM12F SM12F	
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS		EXISTING INTERCONNECT CABLE -- NO. 62.5/125, MM12F SM12F	
PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS		EXISTING TELEPHONE CONNECTION	
		PROPOSED TELEPHONE CONNECTION	
		EXISTING ISDN TELEPHONE CONNECTION	
		PROPOSED ISDN TELEPHONE CONNECTION	



SCHEDULE OF QUANTITIES

INTERCONNECT PLAN				
QUANT.	UNIT	ITEM		
ROADWAY IMPROVEMENTS				
1.	1,000	SQ YD	TOPSOIL FURNISH AND PLACE, 4"	
2.	1,000	SQ YD	SODDING, SALT TOLERANT	
3.	10	UNIT	SUPPLEMENTAL WATERING	
4.	800	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	
5.	800	SQ FT	SIDEWALK REMOVAL	
TRAFFIC SIGNAL IMPROVEMENTS				
6.	4,180	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	
7.	10,210	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	
8.	10	EACH	HANDHOLE	
9.	4,180	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK	
10.	4	EACH	DRILL EXISTING HANDHOLE	
11.	16,202	FOOT	ELECTRICAL CABLE IN CONDUIT, TRACER NO. 14 IC	
12.	16,202	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	
13.	1	EACH	OPTIMIZE TRAFFIC SIGNAL SYSTEM	

PLANS PREPARED BY:
GEWALT HAMILTON ASSOCIATES, INC.
 Consulting Engineers & Surveyors
 850 Forest Ridge Drive
 Vernon Hills, IL 60061
 (847) 478-9700
 (847) 478-9700 Fax

REVISIONS	
NAME	DATE

LAKE COUNTY DIVISION OF TRANSPORTATION
INTERCONNECT PLAN
WASHINGTON STREET FROM TESKE BOULEVARD TO SHERIDAN ROAD
 SCALE: NONE
 DATE: MAY 1, 2007
 DRAWN BY: PJS
 DESIGNED BY: JRD
 CHECKED BY: BLS