

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	399
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

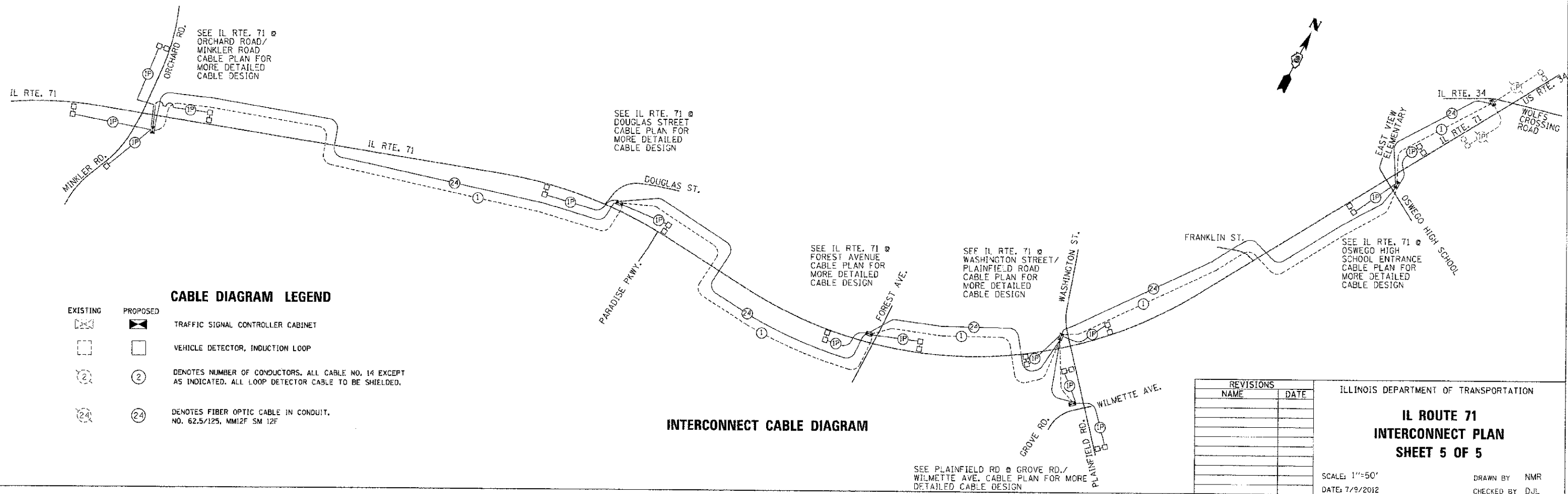
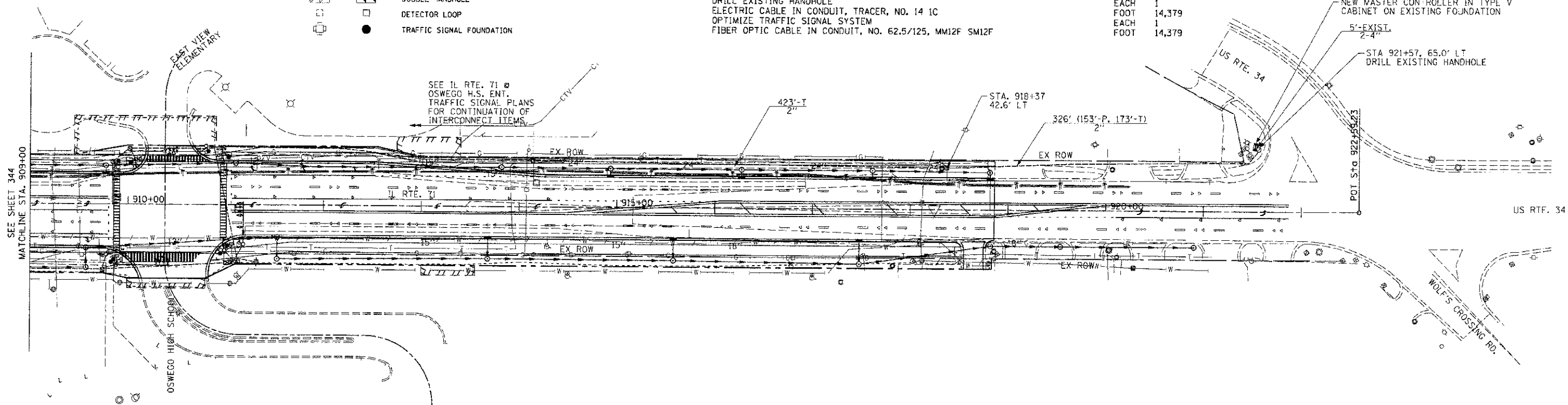
**INTERCONNECT PLAN LEGEND**

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		DETECTOR LOOP
		TRAFFIC SIGNAL FOUNDATION

**SCHEDULE OF QUANTITIES**

CONDUIT IN TRENCH, 2" DIA., PVC  
 CONDUIT PUSHED, 2" DIA., PVC  
 HANDHOLE, PORTLAND CEMENT CONCRETE  
 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION  
 MASTER CONTROLLER IN TYPE V CABINET  
 UNINTERRUPTIBLE POWER SUPPLY, EXTENDED  
 TRANSCEIVER - FIBER OPTIC  
 DRILL EXISTING HANDHOLE  
 ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C  
 OPTIMIZE TRAFFIC SIGNAL SYSTEM  
 FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F

FOOT	7,901
FOOT	838
EACH	19
EACH	1
EACH	1
EACH	1
EACH	1
EACH	1
FOOT	14,379
EACH	1
FOOT	14,379



**CABLE DIAGRAM LEGEND**

EXISTING	PROPOSED	
		TRAFFIC SIGNAL CONTROLLER CABINET
		VEHICLE DETECTOR, INDUCTION LOOP
		DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		DENOTES FIBER OPTIC CABLE IN CONDUIT. NO. 62.5/125, MM12F SM 12F

**INTERCONNECT CABLE DIAGRAM**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL ROUTE 71  
 INTERCONNECT PLAN  
 SHEET 5 OF 5**  
 SCALE: 1"=50'  
 DATE: 7/9/2012  
 DRAWN BY: NMR  
 CHECKED BY: DJL

PLOT DATE = 7/9/2012  
 FILE NAME = p:\projects\11111111\11111111.dwg  
 PLOT SCALE = 50.000000 / IN.