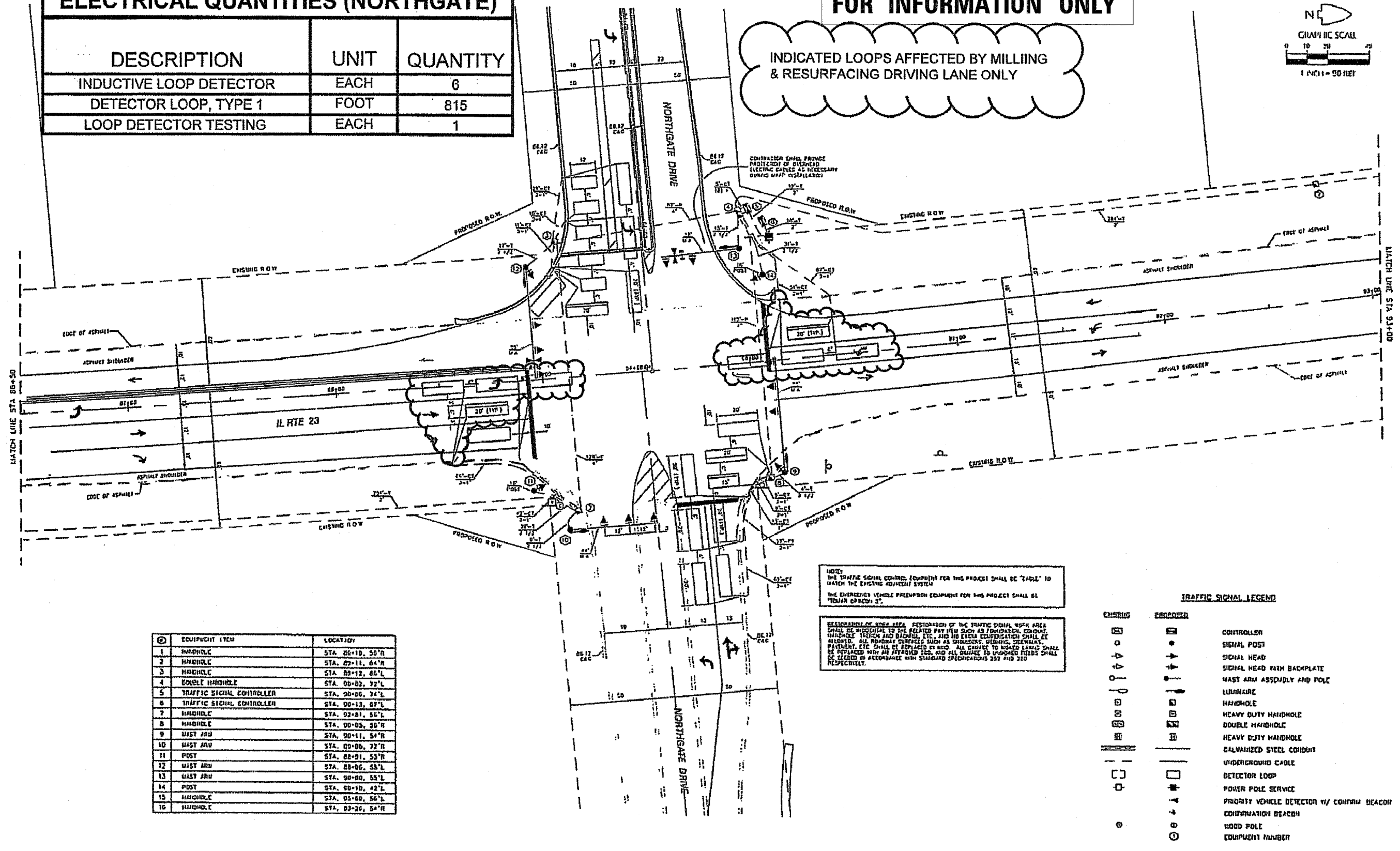
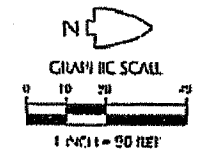


ELECTRICAL QUANTITIES (NORTHGATE)

DESCRIPTION	UNIT	QUANTITY
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	815
LOOP DETECTOR TESTING	EACH	1

FOR INFORMATION ONLY

INDICATED LOOPS AFFECTED BY MILLING & RESURFACING DRIVING LANE ONLY



NO.	EQUIPMENT ITEM	LOCATION
1	HANDHOLE	STA. 00+10, 50"R
2	HANDHOLE	STA. 00+11, 04"R
3	HANDHOLE	STA. 00+12, 00"L
4	DOUBLE HANDHOLE	STA. 00+02, 72"L
5	TRAFFIC SIGNAL CONTROLLER	STA. 00+06, 72"L
6	TRAFFIC SIGNAL CONTROLLER	STA. 00+13, 07"L
7	HANDHOLE	STA. 02+01, 56"L
8	HANDHOLE	STA. 00+03, 50"R
9	MAST ARM	STA. 00+11, 34"R
10	MAST ARM	STA. 00+06, 72"R
11	POST	STA. 00+01, 53"R
12	MAST ARM	STA. 00+06, 53"L
13	MAST ARM	STA. 00+00, 53"L
14	POST	STA. 00+10, 42"L
15	HANDHOLE	STA. 05+00, 56"L
16	HANDHOLE	STA. 03+26, 04"R

NOTE: THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING EQUIPMENT SYSTEM.
THE EMERGENCY VEHICLE PRECEDENCE EQUIPMENT FOR THIS PROJECT SHALL BE "TOWAN EXPRESS".

RESURFACING OF AREA AREA RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, SIDEWALK, DRIVEWAY, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO UNPAVED AREAS SHALL BE REPLACED WITH AN APPROVED SOIL AND ALL DAMAGE TO UNPAVED AREAS SHALL BE REPAIRED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 231 AND 310 RESPECTIVELY.

TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER
		SIGNAL POST
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		MAST ARM ASSEMBLY AND POLE
		LUMINAIRE
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		GALVANIZED STEEL CONDUIT
		UNDERGROUND CABLE
		DETECTOR LOOP
		POWER POLE SERVICE
		PRIORITY VEHICLE DETECTOR W/ CONTRAIL BEACON
		CONFIRMATION BEACON
		WOOD POLE
		EQUIPMENT NUMBER

PREPARED BY:
WENDLER ENGINEERING SERVICES, INC.
100 W. 110th Street, Des Moines, IA 50319
TEL: 515-281-1100

PREPARED BY:
WESTERN SURVEYING & ENGINEERING P.C.
100 W. 110th Street, Des Moines, IA 50319
TEL: 515-281-1100

NO.	DATE	DESCRIPTION	BY	DATE	REVISION
1	1/23/07	DESIGNED FOR DEKALB COUNTY AND CITY OF DEKALB COUNTY			
2	10/12/07	REVISED PER 100% REVIEW COMMENTS			
3	01/23/08	REVISED PER 100% REVIEW COMMENTS			
4	02/27/08	REVISED PER 100% REVIEW COMMENTS			

IL ROUTE 23 & NORTHGATE DRIVE IMPROVEMENTS - TRAFFIC SIGNAL LAYOUT
DEKALB COUNTY, ILLINOIS
SHEET 3 OF 11