

NOTES

- THIS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 1/C SOLID COPPER AWG.
- ALL ELECTRICAL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

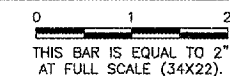
- IDOT STANDARD 814001 CONCRETE HANDHOLES
- IDOT STANDARD 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- IDOT STANDARD 877007-02 STEEL MAST ARM ASSEMBLY AND POLE
- IDOT STANDARD 878001-03 CONCRETE FOUNDATION DETAILS
- IDOT STANDARD 880006 TRAFFIC SIGNAL MOUNTING DETAILS
- IDOT STANDARD 880001 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- IDOT STANDARD 886001 DETECTOR LOOP INSTALLATIONS
- IDOT STANDARD 886006 TYPICAL LAYOUTS FOR DETECTION LOOPS

CABLE PLAN LEGEND

- 12" TRAFFIC SIGNAL SECTION
- CONTROLLER CABINET
- VEHICLE DETECTOR, INCLUDING LOOP
- DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED. ALL CABLE NO. 14 EXCEPT AS INDICATED
- SIGNAL FACE
- SIGNAL FACE WITH BACKPLATE
- GROUNDING SYSTEM CONNECTION
- SHIELDED AND TWISTED
- EXISTING SERVICE
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSHBUTTON
- EMERGENCY VEHICLE SYSTEM LIGHT DETECTOR
- ELECTRIC CABLE NO. 20 A.W.G.
- CONFIRMATION BEACON

REVISIONS

NUMBER	BY	DATE



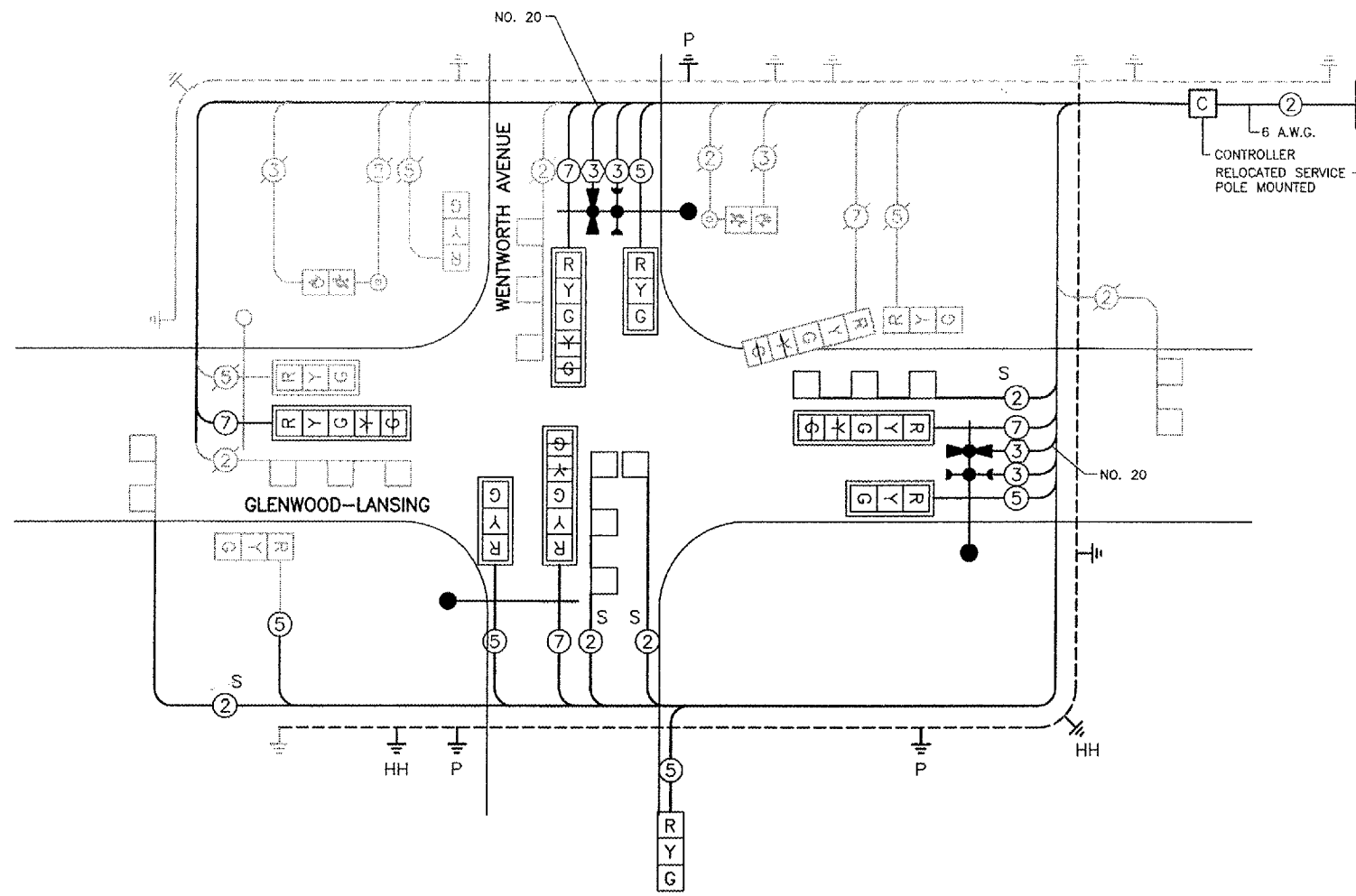
LANSING MUNICIPAL AIRPORT
LANSING, ILLINOIS
NORTH QUADRANT SITEWORK - PHASE 1
AND TAXIWAY G2 EXTENSION
INTERSECTION IMPROVEMENTS
TRAFFIC SIGNAL INSTALLATION

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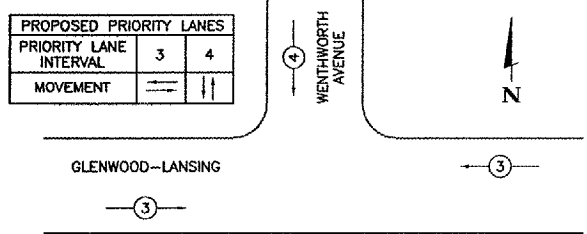
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

Lansing Municipal Airport

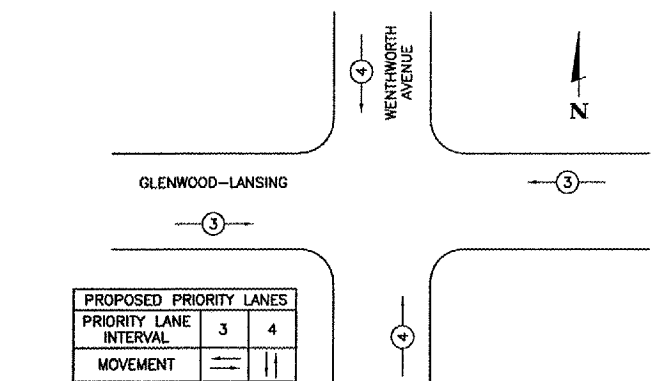
DESIGN BY:	DKP
DRAWN BY:	JRO
CHECKED BY:	ARM
APPROVED BY:	
DATE:	03/04/05
JOB No:	03297-02
IL PROJECT:	IGQ-3329
A.I.P. PROJECT:	3-17-0121-B21



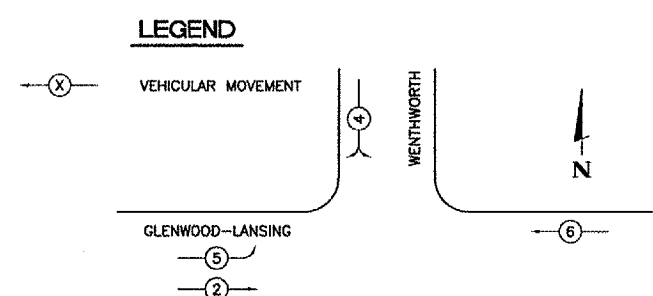
CABLE PLAN
N.T.S.



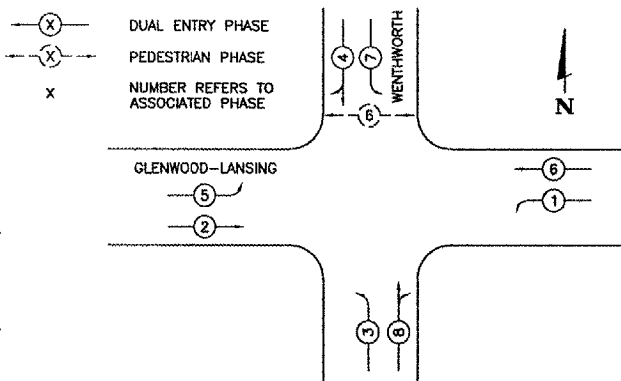
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE
(N.T.S)



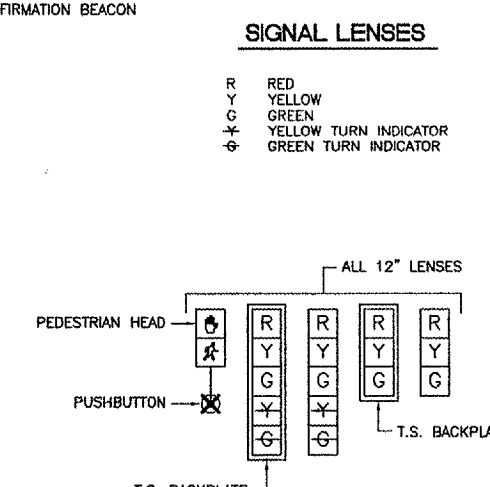
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE
(N.T.S)



EXISTING CONTROLLER SEQUENCE
(N.T.S)



PROPOSED CONTROLLER SEQUENCE
PHASE DESIGNATION DIAGRAM
 DUAL ENTRY-ALL LEGS PROTECTED/PERMISSIVE LEFT TURN PHASING
 (N.T.S)



SIGNAL FACES