

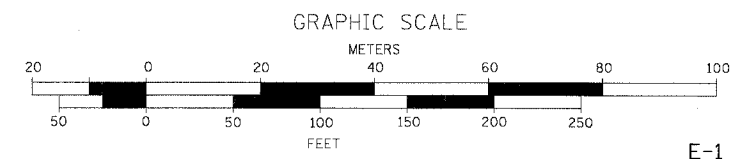
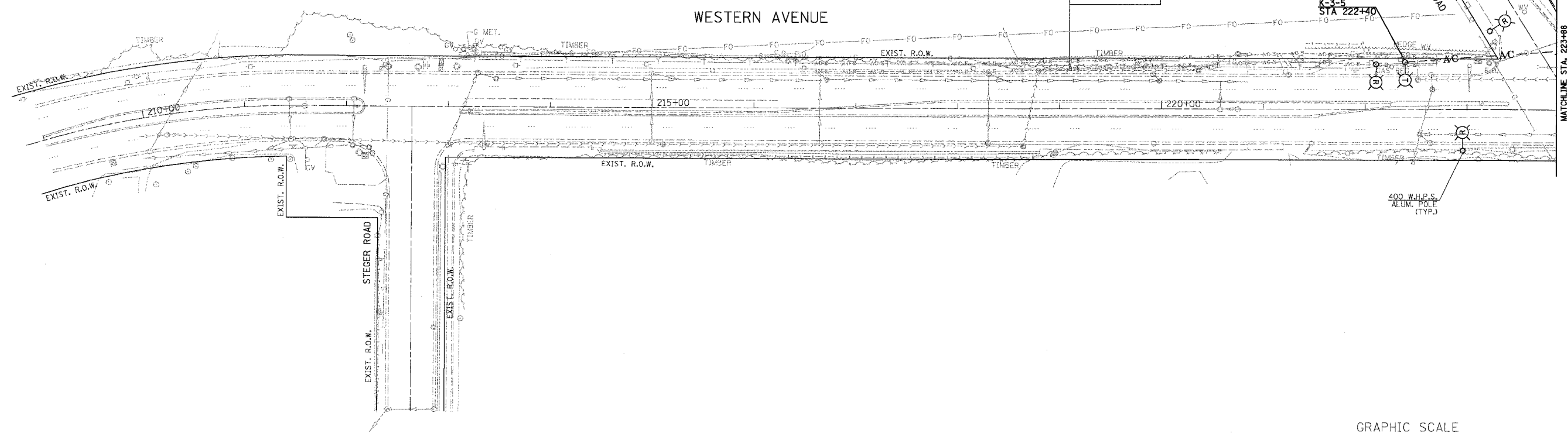
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	145	125
STA. 208+82		TO STA. 223+88		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND:

- EXISTING LIGHTING CONTROLLER, SINGLE DOOR
- EXISTING LIGHTING CONTROLLER AND CONCRETE PAD, TO BE REMOVED
- EXISTING ELECTRIC UTILITY POLE
- EXISTING LIGHTING UNIT TO BE REMOVED
- TEMPORARY SINGLE ARM LIGHTING UNIT 50' WOOD POLE, 15' MAST ARM, 400W LUMINAIRE, 12' BACK OF CURB SETBACK UNLESS OTHERWISE NOTED
- TEMPORARY AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE, UNLESS OTHERWISE NOTED
- UNDERGROUND ELECTRICAL TYPE AND SIZE AS NOTED
- PROPOSED LIGHTING CONTROLLER, SINGLE DOOR
- 40' WOOD POLE
- CONTROLLER DESIGNATION
- CIRCUIT DESIGNATION
- FIXTURE SEQUENCE DESIGNATION

GENERAL NOTES:

1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND NOTIFY ENGINEERS OF ANY DISCREPANCY IN EXISTING CONDITIONS.
2. CONTRACTOR SHALL OBTAIN PERMITS AND PAY ANY REQUIRED FEES AS REQUIRED BY IDOT, THE CITY OF CHICAGO HEIGHTS, AND THE VILLAGE OF PARK FOREST.
3. CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR PHASE RELATED WORK AND INVOLVED UTILITY SERVICES PRIOR TO BEGINNING OF DEMOLITION AND/OR NEW CONSTRUCTION WITHIN THE PROJECT LIMITS.
4. CONTRACTOR TO COORDINATE WITH COMED FOR SAFE WORKING DISTANCE DURING PLACEMENT OF TEMPORARY AND PERMANENT LIGHT POLES AND AERIAL CABLE NEAR EXISTING OVERHEAD WIRES.
5. CONTRACTOR TO COORDINATE WITH COMED FOR INSTALLATION OF NEW ELECTRICAL SERVICES, CONTACT AT COMED IS:
JERRY NISSEN
GENERAL SERVICE REP
COMED
25000 GOVERNOR'S HIGHWAY
UNIVERSITY PARK, IL 60466
708-235-2340
6. PRIOR TO THE INSTALLATION OF ANY NEW WORK, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UNDERGROUND UTILITIES.
7. DISRUPTION TO ANY FUNCTIONAL LIGHTING SYSTEM, PUBLIC OR PRIVATE, IN THE VICINITY OF THE PROJECT DUE TO THE CONTRACTOR'S OPERATIONS SHALL NOT BE ACCEPTED WITHOUT ANY TEMPORARY OR PERMANENT LIGHTING SYSTEM IN PLACE AND OPERATIONAL. ANY LIGHTING SYSTEM THAT DOES NOT REQUIRE REMOVAL SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION.
8. NEW LIGHTING, POWER AND CONTROL SYSTEM'S WIRING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE 2007 IDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, NEC, AND LOCAL CODE. INSTALLATION SHALL MEET ALL APPLICABLE CODES AND STANDARDS OF THE AUTHORITY HAVING JURISDICTIONS AT NO ADDITIONAL COST TO THE OWNER.
9. ALL NEW CABLE DUCT, CONDUIT, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. PRIOR TO ANY FIELD ADJUSTMENT OF POLE PLACEMENT AND/OR CABLE ROUTING, OBTAIN APPROVAL FROM THE ENGINEER.
10. ALL OF THE ELECTRICAL MATERIALS SHALL BE NEW AND AS A MINIMUM THE FOLLOWING STANDARDS SHALL APPLY TO THE CONSTRUCTION OF ROADWAY LIGHTING:
IDOT STANDARDS FOR ROADWAY LIGHTING
AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING, ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NATIONAL ELECTRICAL SAFETY CODE, INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
ROADWAY LIGHTING DESIGN GUIDE, AMERICAN ASSOC. OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS
OSHA, ELECTRICAL SYSTEMS
UNDERWRITERS LABORATORIES
AMERICAN NATIONAL STANDARD INSTITUTE
INSULATED CABLE ENGINEERS ASSOCIATION
11. MULTI-CABLE DUCT RUNS ARE TO BE INSTALLED IN A COMMON TRENCH AND BACKFILLED. WHERE MULTIPLE CABLE DUCTS OR CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACK FILL WILL NOT BE PAID FOR EACH CABLE DUCT OR CONDUIT BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
12. ALL PITS USED FOR INSTALLED PUSHED (JACKED) CASING UNDER EXISTING ROADWAYS SHALL BE LOCATED FIVE (5) FOOT MINIMUM CLEAR FROM THE EDGE OF THE SHOULDER. LOCATIONS OF THE CONDUIT CROSSING SHOWN ARE APPROXIMATE AND MAY BE SHIFTED AS NECESSARY TO MEET THE MINIMUM CLEARANCE REQUIREMENTS. THE PITS MUST BE ADEQUATELY GUARDED TO PROTECT THE MOTORIST.
13. LUMINAIRES MUST BE INSTALLED ON LIGHT STANDARDS BASE WITHIN A MAXIMUM OF 48 HOURS AFTER LIGHT STANDARD IS ERECTED.
14. ALL SPLICES NECESSARY FOR A COMPLETE AND OPERATIONAL LIGHTING CIRCUIT SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR UNIT DUCT, OF THE TYPE SPECIFIED ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
15. THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD AFFECT HIS WORK UNDER THIS CONTRACT AND THE OPERATION OF THE EXISTING ROADWAY LIGHTING AND SIGN LIGHTING SYSTEMS.
16. ALL LIGHT STANDARDS SHALL BE ORIENTED PERPENDICULAR TO THE CURB (90°) UNLESS OTHERWISE NOTED.
17. ALL UNIT DUCT FOR THE PURPOSES OF TEMPORARY WIRING SHALL BE TIN COATED COPPER.



E-1

PLOT DATE = 5/18/2007
PLOT SCALE = AS SHOWN
USER NAME = KJSE18



EPSTEIN
A. EPSTEIN AND SONS INTERNATIONAL, INC.
400 WEST FULTON STREET CHICAGO, ILLINOIS 60661-1190
TEL: 312-884-9100 FAX: 312-889-1017 WWW.EPSTEIN-IL.COM
CHICAGO LOS ANGELES TEL AVIV WARSAW BUCHAREST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**WESTERN AVE.
DEMOLITION, TEMPORARY
LIGHTING AND ELECTRICAL
SERVICE PLAN**
SCALE: 1" = 50'
DATE: 1/7/07
DRAWN BY: A.P.
CHECKED BY: G.A.O.

Applies to E-1 thru E-27