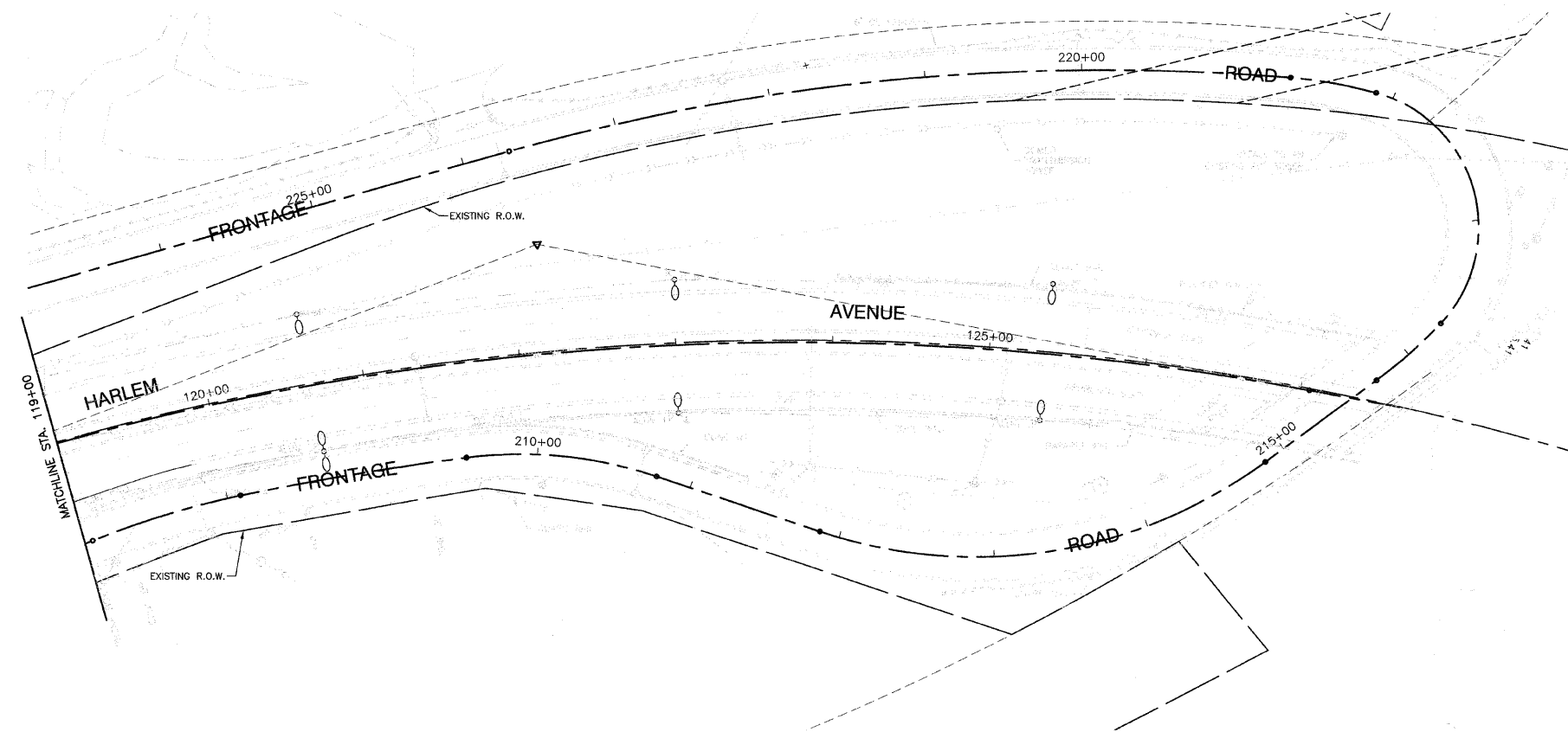
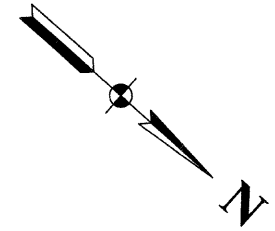
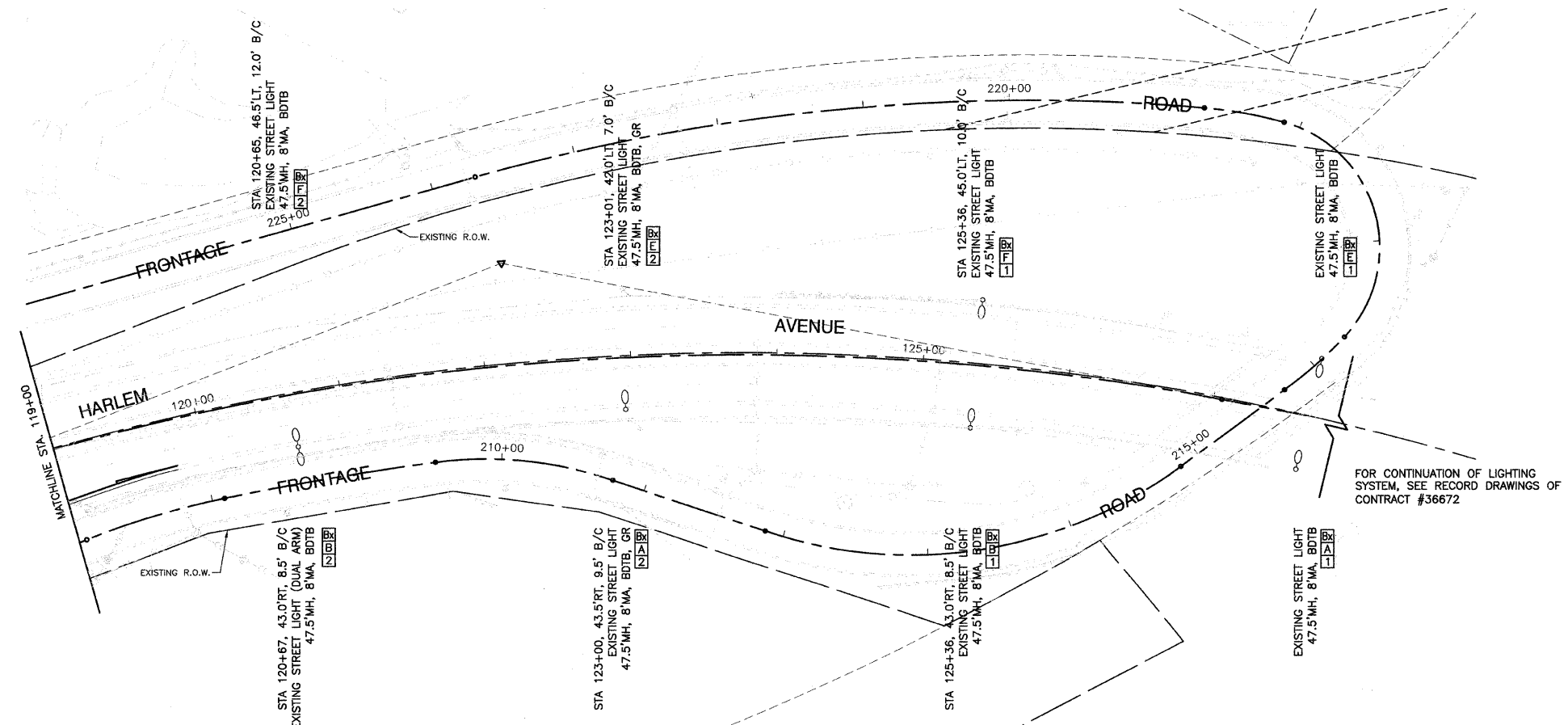


F. A. P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	09-00059-00-CH	COOK	046	018
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ARA-9003(340)	

CONTRACT #63269



EXISTING CONDITIONS



PROPOSED IMPROVEMENT

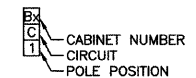
NOTES:

1. ALL SPLICES SHALL BE MADE IN THE POLE HANDHOLE. NO UNDERGROUND SPLICES WILL BE ALLOWED.
2. COMPLETE LIGHTING UNIT TO BE RELOCATED INCLUDING LUMINAIRE, POLE, ARM, POLE WIRE, FUSES, CONNECTIONS, HARDWARE AND ALL APPURTANCES.
3. CONTRACTOR SHALL COORDINATE WITH IDOT ELECTRICAL MAINTENANCE DEPARTMENT BEFORE AND DURING CONSTRUCTION.
4. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS TO IDOT AFTER CONSTRUCTION.
5. LIGHTING CONTRACTOR SHALL COORDINATE STAGING WITH GENERAL CONTRACTOR SO THAT THE SIDE OF THE ROADWAY OPEN TO TRAFFIC REMAINS FULLY LIT AT ALL TIMES DURING CONSTRUCTION.
6. EQUIPMENT GROUND SHALL BE CONTINUOUS FROM THE LIGHTING CONTROLLER TO THE LAST POLE OF EACH CIRCUIT, AND SHALL HAVE RESISTANCE CONFORMING TO IDOT SPECIFICATIONS.
7. BEFORE BEGINNING WORK, LIGHTING CONTRACTOR AND ENGINEER SHALL INSPECT EXISTING POLES, MAST ARMS, AND LUMINAIRES FOR DAMAGE. EQUIPMENT THAT IS DETERMINED UNSUITABLE FOR RELOCATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.
8. EQUIPMENT THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

LEGEND:

- EXISTING STREET LIGHTING UNIT, 400W HPS, 240V
- RELOCATED STREET LIGHTING UNIT, 400W HPS, 240V
- P — CONDUIT, PUSHED, GALVANIZED STEEL
- NEW UNIT DUCT, 3-1/2", NO.4 AWG AND NO.6 GROUND, (EPR TYPE RHW) 600V IN 1-1/4" POLYETHYLENE
- EXISTING UNIT DUCT, 3-1/2" NO.4, 600V, TYPE XHHW IN 1-1/4" DUCT W/ EXTERNAL BARE NO.6 GROUND (LOCATION APPROXIMATE PER RECORD DRAWINGS)
- GR GROUND ROD, 5/8" x 10'
- (R) REMOVAL OF EXISTING STREET LIGHT
- RELOCATE EXISTING LIGHTING UNIT
- LT LEFT
- RT RIGHT
- MH MOUNTING HEIGHT
- MA MAST ARM
- B/C BACK OF CURB
- BDTB BREAKAWAY DEVICE, TRANSFORMER BASE, 15" BOLT CIRCLE

IDOT POLE IDENTIFICATION



FOR CONTINUATION OF LIGHTING SYSTEM, SEE RECORD DRAWINGS OF CONTRACT #36672

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
 DRIVEWAY RECONFIGURATION  
 STREET LIGHTING  
 STA 119+00 TO END OF IMPROVEMENTS

SCALE: VERT. NA  
 HORIZ. 1"=50'

DATE: 08-14-09

DRAWN BY: PS  
 CHECKED BY: RJW / PAP

ROBINSON ENGINEERING, LTD.  
 17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
 (708) 391-6700 FAX (708) 391-0800  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128 04517-LGHT-01 - P03