

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1818 R-3	COOK	265	163
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B17

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**ABBREVIATIONS**

A	AMPERES	E	EXISTING UNIT TO REMAIN	LF	LINEAR FEET	SB	SOUTHBOUND
AC	ALTERNATING CURRENT	EA	EACH	LP	LIGHT POLE	SHT	SHEET
A/C	AERIAL CABLE	EB	EASTBOUND	L SUM	LUMP SUM	SM	SINGLE MODE
AFG	ABOVE FINISHED GRADE	ECA	ELECTRIC CABLE ASSEMBLY	LT	LEFT	SS	STAINLESS STEEL
ANT	ANTENNA	EL	ELEVATION	M	METER	ST	STREET
AOBE	AS ORDERED BY THE ENGINEER	EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST, OR MAST ARM)	MA	MAST ARM	STA	STATION
ASPH	ASPHALT	ER	EXISTING RELOCATED UNIT	MD	MICROWAVE DETECTOR	STD	STANDARD
ATS	ATTACHED TO STRUCTURE	ET	EXISTING TEMPORARY UNIT TO REMAIN OR MODIFIED	MM	MULTI-MODE	STL	STEEL
AVE	AVENUE	ETP	EMERGENCY TRAFFIC PATROL	MW	MESSENGER WIRE	STRUCT	STRUCTURE
BHD	BULKHEAD	ETR	EXISTING TEMPORARY RELOCATED UNIT	NB	NORTHBOUND	SURF	SURFACE
BIT	BITUMINOUS	EXCAV	EXCAVATION	NIC	NOT IN CONTRACT	SURV	SURVEILLANCE
BLK	BLOCK	F, FT	FOOT, FEET	NM	NONMETALLIC	SW	SIDEWALK
BR	BRIDGE	FDN	FOUNDATION	NO	NUMBER	T	TEMPORARY
C	CONDUIT, CONDUCTOR	FO	FIBER OPTIC	NTS	NOT TO SCALE	TAN	TANGENT
CAB	CABINET	GM	GROUND MOUNTED	OH	OVERHEAD	TC	TRAY CABLE
CBW	CONCRETE BLOCK WALL	GND, GRD	GROUND	PEC	POLYETHYLENE CONDUIT	TEL	TELEPHONE
CC	COMMUNICATIONS CENTER	GR	GUARD RAIL	PH	PHASE	TS	TRAFFIC SIGNAL
CCTV	CLOSED CIRCUIT TELEVISION	GSC	GALVANIZED STEEL CONDUIT	PIN	PROJECT IDENTIFICATION NUMBER	TSC	TRAFFIC SYSTEMS CENTER
CDOT	CDOT-CHICAGO DEPARTMENT OF TRANSPORTATION	HAR	HIGHWAY ADVISORY RADIO	PL	PROPERTY LINE	TYP	TYPICAL
COMED	COMMONWEALTH EDISON	HD	HEAVY DUTY	PNL	PANEL	UD	UNIT DUCT
CKT	CIRCUIT	HH	HANDHOLE	PROP	PROPOSED	UND	UNDERDRAIN
CLF	CHAIN LINK FENCE	HPS	HIGH PRESSURE SODIUM	PTZ	PAN-TILT-ZOOM	UNO	UNLESS NOTED OTHERWISE
CNC	COILABLE NONMETALLIC CONDUIT	HYD	HYDRANT	PVC	POLYVINYL CHLORIDE	V	VOLT
COMM	COMMUNICATIONS	ID	INNERDUCT	PVCC	POLYVINYL CHLORIDE COATED	W	WATT
CONC	CONCRETE	IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	R	EXISTING UNIT TO BE REMOVED (SALVAGED UNO)	WB	WESTBOUND
CONST	CONSTRUCTION	I	INTERSTATE	RC	REINFORCED CONCRETE	WM	WALL MOUNTED
CORR	CORRUGATED	IN	INCHES	RD	ROAD	WP	WOOD POLE
CW	CONCRETE WALL	J, JB	JUNCTION BOX	RGC	RIGID GALVANIZED STEEL CONDUIT	XFMR	TRANSFORMER
☉	CENTERLINE	KVA	KILOVOLT-AMPERE	RM	RAMP METER		
DB	DIRECT BURIED	KW	KILOWATT	ROW	RIGHT OF WAY		
DC	DIRECT CURRENT			RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED		
DF	DARK FIBER			RT	RIGHT		
DIA	DIAMETER			RW	RETAINING WALL		
DMS	DYNAMIC MESSAGE SIGN						
DWG	DRAWING(S)						

**GENERAL NOTES**

- SEE DRAWING EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- REFER TO SHEETS EI-102, 103, 106, 110, 110A AND 115 FOR DETAILS AND SHEETS E-301 AND EI-107 FOR STANDARDS.
- COORDINATE ALL WORK WITH OTHER IDOT CONTRACTS 62583, 62937, 62593 AND OTHER CONTRACTS AS APPLICABLE.
- COORDINATE CONDUIT INSTALLATION WITH THE PRIME CONTRACTOR'S STAGE CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY WEIGHT ARE PROPOSED, EXCEPT ROADWAY LINES.
- ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, AND CANNOT BE ENERGIZED FROM THE DEPARTMENT'S CONTROLLERS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- ALL CONNECTIONS, EXTENSIONS TO MAKE THE LIGHTING SYSTEM FUNCTIONAL ARE INCLUDED IN THIS CONTRACT.
- LIGHTING AND SURVEILLANCE RACEWAYS AND DUCTBANKS SHALL BE INSTALLED IN COMMON TRENCHES WHEREVER POSSIBLE. ANY ADDITIONAL TRENCH AND BACKFILL WORK PERFORMED BY THE CONTRACTOR TO FACILITATE INSTALLATION OF LIGHTING AND SURVEILLANCE RACEWAY, DUCTBANKS OR HANDHOLES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.

20C/EI-101

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**ELECTRICAL ABBREVIATIONS AND GENERAL NOTES**

SCALE: NOT TO SCALE      DRAWN BY: CJM  
DATE: MARCH 7, 2006      CHECKED BY: BMW

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4/4/06 PM 3/17/2006