FOR INDEX OF SHEETS, SEE SHEET NO. 2

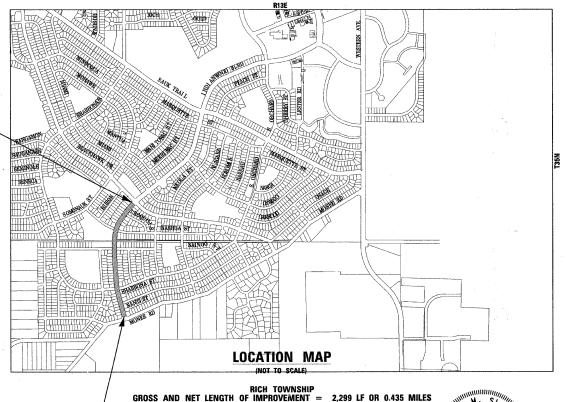
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

# STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

# PLANS FOR PROPOSED FEDERAL AID PROJECT

INDIANWOOD BLVD (MONEE RD TO BLACKHAWK DR) STREET LIGHTING PROJECT NO.: TCSP-061L(016) SECTION 09-00091-01-LT **VILLAGE OF PARK FOREST COOK COUNTY** 

JOB: C-91-238-09



INDIANWOOD BLVD IMPROVEMENT ENDS STA. 99 + 70

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

INDIANWOOD BLVD

STA. 76 + 71

IMPROVEMENT BEGINS

Burlington, Wisconsin Crystal Lake, Illinois DeKalb, Illinois Itasca, Illinois Mokena, Illinois Grayslake, Illinois (Plainfield, Illinois) Rockford, Illinois Madison, Wisconsin 815.787.3111 630.773.1870 708.478.2090 847.223.5088 815.609.7425

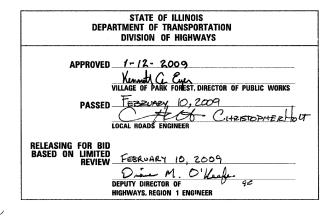
815.489.1551

COOK FED AID PROJECT TCSP-061L(006) FED. ROAD DIST. NO ILLINOIS

\* N/A \*\* 09-00091-01-LT

CONTRACT NO. 63129





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

B&W PROJECT NO.: 061389.40

(OFFICE WHICH PREPARED PLANS)

REGISTERED

608.347.1542

**CONTRACT NO. 63129** 

262.763.7834

DATE: 12-08-08

UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.

THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.

MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED)

THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAY'S WILL BE TEMPORARILY CLOSED. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL.

THE CONTRACTOR SHALL PROVIDE A REQUEST FOR MATERIAL TESTING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF MATERIALS ORDER BOARD (PHONE (847) 705-4337) BY 4 PM, 24-HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF ALL HOT-MIX ASPHALT AND CONCRETE MATERIALS USED ON THIS PROJECT.

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.

EXISTING STREET LIGHTING UNITS TO REMAIN IN OPERATION AND TO BE MAINTAINED BY THE CONTRACTOR UNTIL NEW STREET LIGHTS ARE OPERATIONAL AND ACCEPTED BY THE VILLAGE.

THE CONTRACTOR SHALL ADJUST LOCATION OF LIGHT POLES AT INTERSECTION SO AS NOT TO BLOCK VIEW OF EXISTING TRAFFIC SIGNALS.

CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE COUNTY OR THE VILLAGE.

THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICALBE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.

THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.

EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND/OR BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.

CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.

ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.

THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.

### **SUMMARY OF QUANTITIES**

#### TYPE CODE Y030 1E

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY Y030-1E		
* 20101100		TREE TRUNK PROTECTION	EACH	5		
	67100100	MOBILIZATION	L SUM	1		
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		
	80300100	LOCATING UNDERGROUND CABLE	FOOT	1000		
	80400100	D ELECTRICAL SERVICE INSTALLATION E				
	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		
	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	235		
	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	320		
	XX007275	UNIT DUCT, 600V, 4-1C NO. 6 AND 1/C NO. 8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2850		
	81702400	ELECTRICAL CABLE IN CONDUIT, 600 V. (XLP-TYPE USE) 3-1/C NO. 2	FOOT	200		
	81900200	TRENCH & BACKFILL FOR ELECTRICAL WORK	FOOT	2960		
	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	24		
	82500505					
	XX007277					
*	XX007278	PARKWAY RESTORATION	SQ YD	330		
	84200500	84200500 REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE				
	84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE				

\*SPECIALTY ITEMS

## В4 Д INDIANWOOD BLVD. Ø D3 C2 ́ВЗ ΄Α4 A6 В7 E. ST S Œ S SHUA BB NANTI SHA -PROPOSED CONTROLLER "C3" 120/240 V, SINGLE PHASE SERVICE STA. 84+53. 155' LOCL 2" C-3 #2 **EXISTING** COM-ED POLE

#### INDEX OF SHEETS

#### SHEET NO. TITLE

COVER SHEET 1

GENERAL NOTES, SUMMARY OF QUANTITIES. INDEX OF SHEETS AND HIGHWAY STANDARDS

3 - 5 STREET LIGHTING PLANS

STREET LIGHTING DETAILS

DISTRICT ONE DETAIL TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS

# **HIGHWAY STANDARDS**

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701601-06	URBAN LANE CLOSURE, MULTI-LANE, 1W OR 2W WITH NON-TRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
701001 01	TRAFFIC CONTROL DEVICES

_	DESIGNED	-	JTB	REVISED -	
	DRAWN	-	KAR	REVISED -	
	CHECKED	-	TMS	REVISED -	
	DATE		12-08-08	FILE NAME - 061389-gen-notes-prose II.s	sh

**VILLAGE OF PARK FOREST, ILLINOIS** INDIANWOOD BOULEVARD MONEE RD. TO BLACKHAWK DR.

GENERAL NOTES, WIRING DIAGRAM. SUMMARY OF QUANTITIES. INDEX OF SHEETS & HIGHWAY STANDARDS

F.A. RTE	SECTION		COUNTY	TOTAL	SHEET NO.
	09-00091-01-L	T	COOK	7	2
			CONTRACT	NO.	53129
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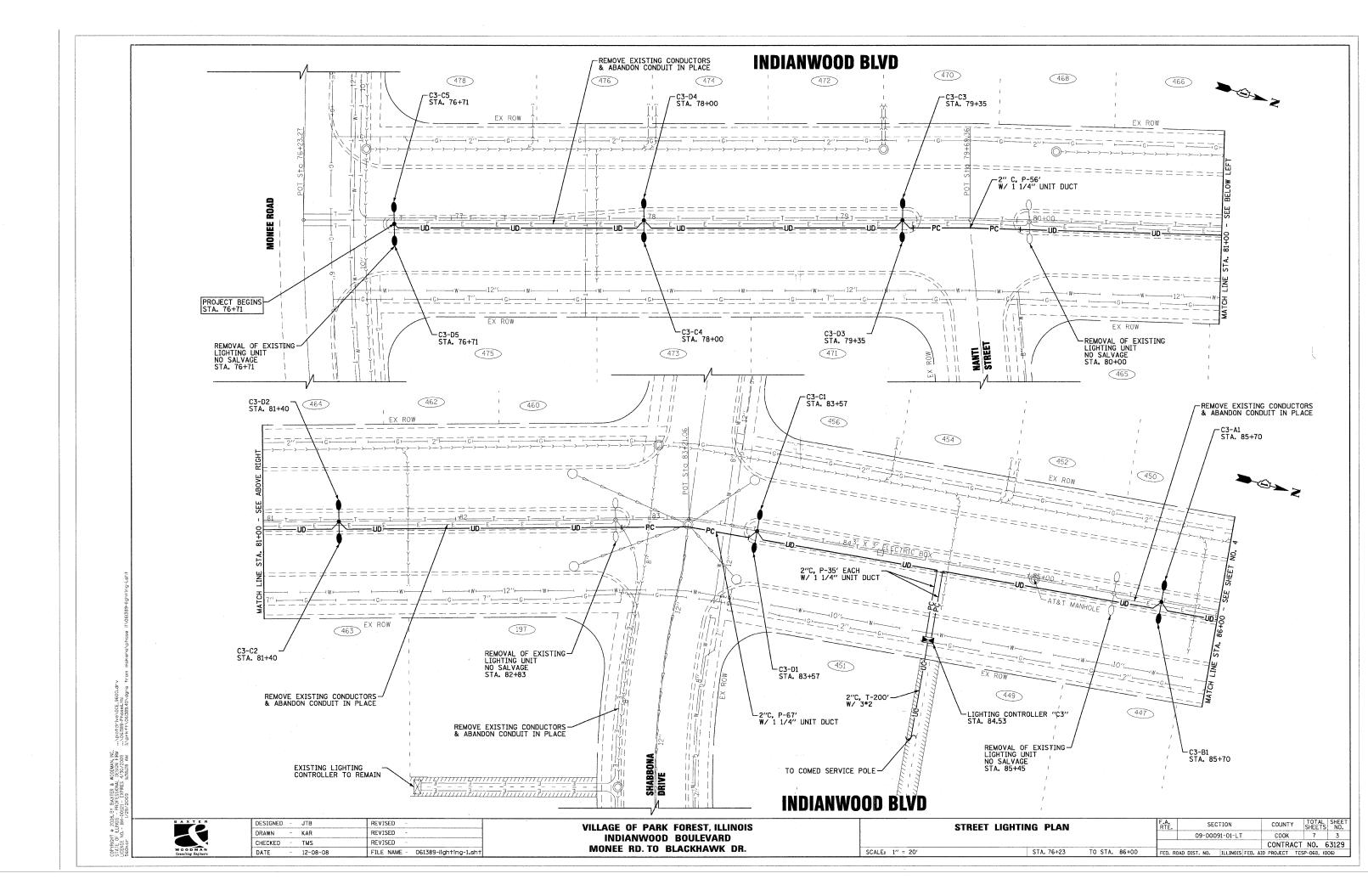
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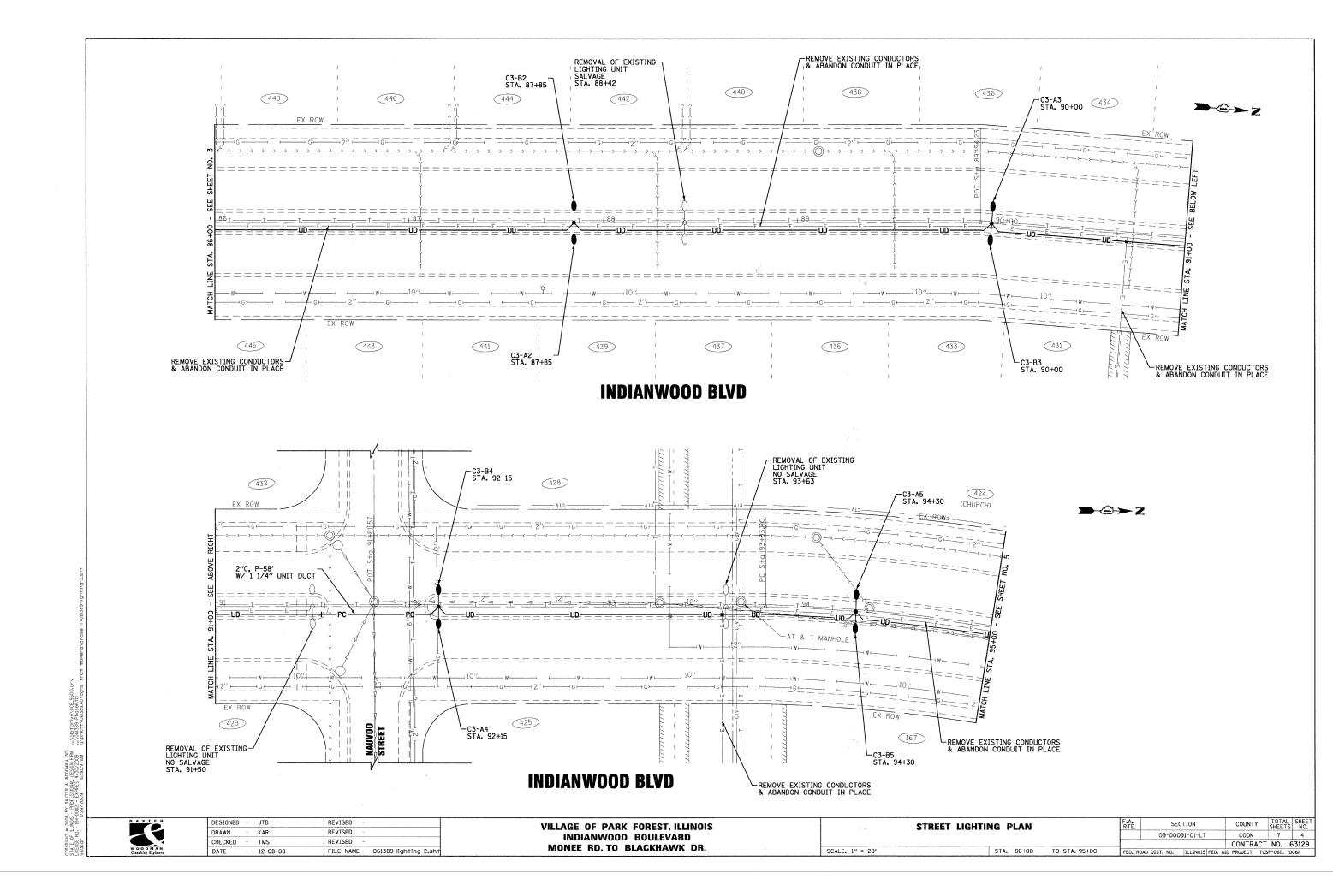
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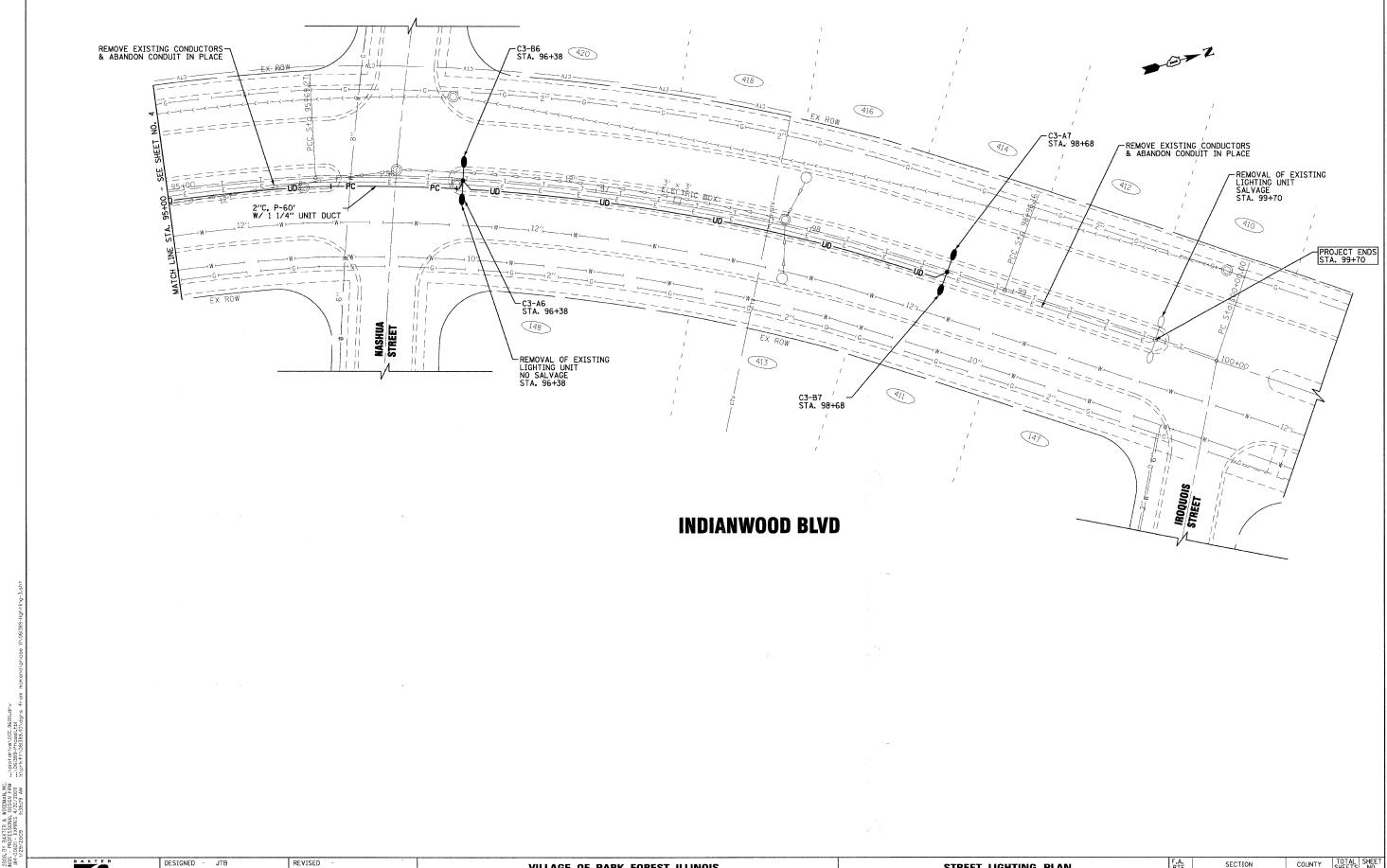
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SCALE:

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DRAWN - KAR REVISED CHECKED -REVISED TMS FILE NAME - 061389-lighting-3.sht DATE 12-08-08

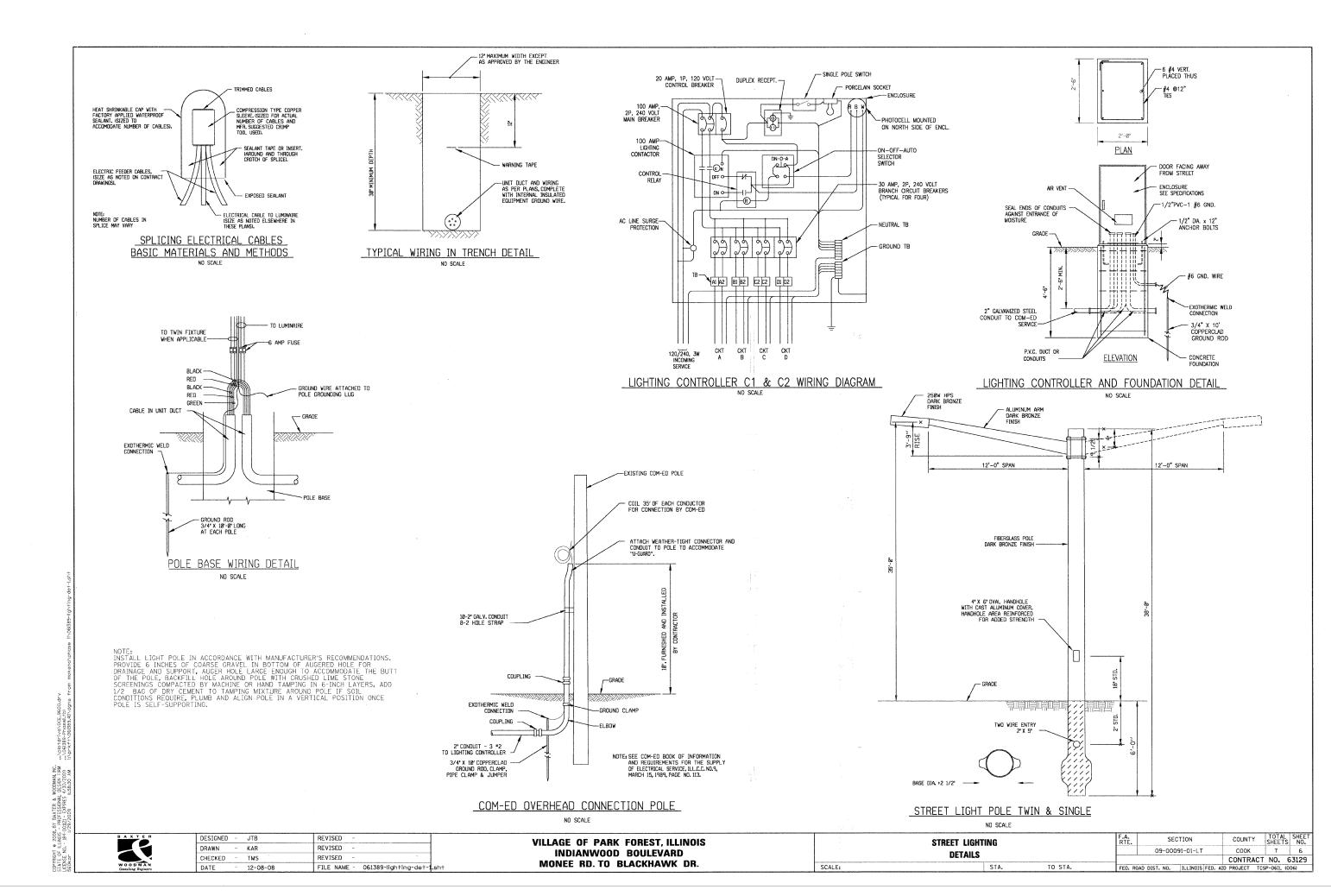
VILLAGE OF PARK FOREST, ILLINOIS INDIANWOOD BOULEVARD MONEE RD. TO BLACKHAWK DR.

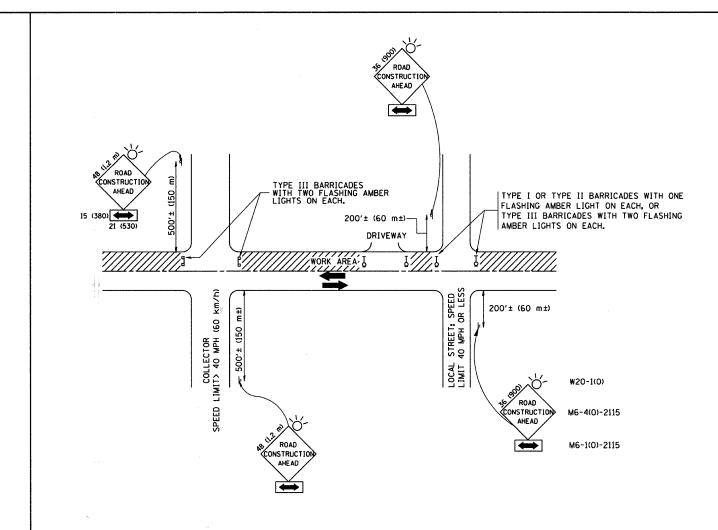
STREET LIGHTING PLAN SCALE: 1" = 20' STA. 95+00 TO STA. 100+50

COUNTY SHEETS NO.

COOK 7 5

CONTRACT NO. 63129 SECTION 09-00091-01-LT





# TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

# NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- O) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- O) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95		TRAFFIC CONTROL AND PROTECTION FOR	F.A.	SECTION	COUNTY
W:\diststd\22x34\ta1Ø.dgn	- 45	DRAWN -	REVISED - A. HOUSEH 03-06-96	STATE OF ILLINOIS			09-00091-01-LT	COOK
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	DEPARTMENT OF TRANSPORTATION	SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		TC-10	CONTRAC
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. RC	ROAD DIST. NO. 1   ILLINOIS FED. A	