

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES

INDEX OF SHEETS

SHEET NO.	TITLE
1.	COVER SHEET
2.	HIGHWAY STANDARDS, INDEX OF SHEETS, BENCHMARKS, SUMMARY OF QUANTITIES, AND GENERAL NOTES
3.-4.	168TH STREET
5.-6.	167TH PLACE
7.	168TH PLACE & GLEN OAKS DRIVE
8.	169TH STREET
9.	169TH STREET, GLEN OAKS DRIVE, GLEN OAK'S COURT
10.-11.	BRIARGATE DRIVE & GLEN OAKS DRIVE
12.	SUNSET RIDGE DRIVE & GLEN OAKS DRIVE
13.	LIGHTING DETAILS

BENCHMARKS

TBM #4	RR SPIKE SET IN NORTH FACE OF POWER POLE 1ST POLE WEST OF BRIARGATE AND 167TH STREET ELEV. = 668.97
CP #6	CUT CROSS SET IN SIDEWALK 9' SOUTH OF WALK END S.E CORNER OF CRAWORD AVE. & 167TH STREET ELEV. = 659.93

**SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE Y030-1E**

SPECIALTY ITEM	CODE NUMBER	DESCRIPTION	UNIT	QUANTITY
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5
*	25200110	SODDING, SALT TOLERANT	SQ YD	250
*	25200200	SUPPLEMENTAL WATERING	UNIT	20
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	11
	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
	80700110	GROUND ROD, 3/4" DIA. X 10 FT.	EACH	33
	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	130
	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	140
	81027030	POLYETHYLENE DUCT, BORED AND PULLED 1"	FOOT	5600
	81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	60
	81702400	ELECTRICAL CABLE IN CONDUIT 600V. (XLP-TYPE USE) 3-1/C NO. 2	FOOT	700
	82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	22
	83006300	LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM	EACH	14
	83006500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12 FT. MAST ARM	EACH	8
	83600405	POLE FOUNDATION, STEEL	EACH	22
	83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	22
	XX004882	UNIT DUCT, WITH 2-1/C NO. 8 AND 1/C NO. 8 GROUND 600V (XLP-USE) 1" DIA POLYETHYLENE	FOOT	7100
	XX005049	POWER PEDESTALS	EACH	11

GENERAL NOTES

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS. UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS. PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY TO LOCATE EXISTING WATER MAIN, WATER SERVICES, SANITARY SEWER, AND SANITARY SEWER SERVICES WHERE THE PROPOSED IMPROVEMENTS MAY CONFLICT.
- ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
- ALL SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- DURING CONSTRUCTION STAGING OPERATIONS, THE CITY OF COUNTRY CLUB HILLS POLICE AND FIRE PROTECTION DISTRICTS SHALL BE NOTIFIED IN WRITING 48 HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE ALLOWED AT ALL TIMES.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED-ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- CONTRACTOR SHALL PROVIDE DRIVEWAY ACCESS TO PROPERTIES AT ALL TIMES. WHEN CONSTRUCTION IMPACTS A DRIVEWAY, IMPACTED PROPERTY OWNERS SHALL BE NOTIFIED 48 HOURS PRIOR.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- MAILBOX RELOCATION SHALL BE INCIDENTAL TO CONTRACT.MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- ALL WORK SHALL CONFORM TO N.E.C. AND ANY APPLICABLE AND/OR ALL SECTIONS OF "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DATED JANUARY 1, 2002 BY ILLINOIS DEPARTMENT OF TRANSPORTATION. ALSO ANY AND ALL APPLICABLE "SPECIAL PROVISION" ISSUED BY I.D.O.T. TO DATE.
- THE CONTRACTOR SHALL PROVIDE WARRANTIES OR GUARANTEES PROVIDING FOR SATISFACTORY IN-SERVICE OPERATION OF THE MECHANICAL AND ELECTRICAL EQUIPMENT AND RELATED COMPONENTS AS PER I.D.O.T. STANDARDS.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING, AS APPLICABLE.
- 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 ENGINEER PRIOR TO BACKFILLING OR DURING FLOWING OPERATIONS, AS APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, 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 MARKERS AND SHALL TAG ALL WIRING ACCORDINGLY.
- THE CITY OF COUNTRY CLUB HILLS AND ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCING EACH CONSTRUCTION PHASE.
- THE CONTRACTOR WILL BE REIMBURSED BY THIS CONTRACT TO THE EXACT AMOUNT OF MONEY AS BILLED BY COM-ED FOR THEIR SERVICES, AND NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY INCIDENTAL MATERIALS AND LABOR REQUIRED TO FULFILL THE REQUIREMENTS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN. SEE SECTION 109.05 "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- ALL ELECTRICAL DEVICES AND MATERIALS SHALL BE U/L LISTED WHERE APPLICABLE.
- PARKWAYS ARE TO BE DISTURBED AS LITTLE AS POSSIBLE. CONTRACTOR SHALL IDENTIFY AREAS REQUIRED TO BE DISTURBED TO THE ENGINEER AND RECEIVE APPROVAL PRIOR TO ANY CONSTRUCTION. ANY AREAS DISTURBED WITHOUT PRIOR APPROVAL FROM THE ENGINEER SHALL BE REPAIRED AND RESTORED AT THE CONTRACTORS EXPENSE.
- ALL WIRING TO BE INSTALLED BY DIRECTIONAL DRILLING METHOD UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- ANY EXISTING TURF AND/OR SOIL DISTURBED IN AREAS APPROVED BY THE ENGINEER THAT CANNOT REMAIN OR BE RE-USED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE COST SHALL BE INCIDENTAL TO THE BORING, OR TRENCHING PAY ITEM.

11/14/05 12:30/2005 043581PM
 I:\CCHLC\041178\dgn\41178-gen.shd
 COPYRIGHT © 2005 BY BAXTER & WOODMAN, INC.
 LICENSE NO. 184-00023 - EXPIRES 7/30/2007

CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	12/14/2005	PER IDOT REVIEW

* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

DRAWING FILE: ...041178\dgn\41178-gen.shd

BAXTER & WOODMAN
Crystal Lake, Illinois 815.459.1260
Burlington, Wisconsin 262.783.7834
Mokena, Illinois 708.478.2080
DeKalb, Illinois 815.787.3111
Graylake, Illinois 847.223.5088
Rockford, Illinois 815.499.1551

CITY OF COUNTRY CLUB HILLS, ILLINOIS
NOB HILL STREET LIGHTING IMPROVEMENTS

**HIGHWAY STANDARDS, INDEX OF SHEETS,
BENCHMARKS, SUMMARY OF QUANTITIES,
AND GENERAL NOTES**

DESIGNED BY	JLR	SCALE	NONE
DRAWN BY	CJC	PROJECT NO.	041178
CHECKED BY	JTB	SHEET NO.	
DATE	11/14/05		

2 OF 13