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LIST OF HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701006-03 OFF-RD OPERATIONS, 2L, 2W, 15'(4.5M) TO 24'(600MM) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-04 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-07 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 814001-02 HANDHOLES

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS AS WELL AS:

ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS ADOPTED JANUARY 1, 2007.

ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (LATEST EDITION IN EFFECT ON THE DATE OF INVITATION FOR BIDS)

NATIONAL ELECTRIC CODE, 2008 EDITION.
- 2. ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING SANITARY SEWERS, STORM SEWERS, WATER MAINS, AND THEIR SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE RESPECTIVE UTILITY COMPANIES FIELD-LOCATE ALL UTILITIES, ASCERTAIN THEIR STATUS AND ADJUST OR RELOCATE THESE UTILITIES, AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION BY CONTACTING J.U.L.I.E. AT 1-800-892-0123. BELSKI ELECTRIC (847)-417-0999 SHOULD ALSO BE CONTACTED INDIVIDUALLY AT THIS TIME.

- 3. 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 TO THE SATISFACTION OF THE ENGINEER OR OWNER. THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- 4. THE MUNICIPALITIES' DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

CITY OF NORTH CHICAGO
JOSH WHEELER, CITY ENGINEER (847)-596-8691

CITY OF WAUKEGAN
RON LAUBACH, CITY ENGINEER (847)-625-6858
- 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM THE ENGINEER BEFORE BEGINNING WORK AT ANY INTERSECTION.
- 7. THE CONTRACTOR SHALL MAINTAIN A SET OF CONSTRUCTION RECORD DRAWINGS NOTING ALL CHANGES TO THE PLANS AND THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES ENCOUNTERED. A MYLAR REPRODUCIBLE AS-BUILT DRAWING AND TWO (2) PAPER SETS MUST BE SUBMITTED TO EACH DEPARTMENT OF PUBLIC WORKS FOR REVIEW AND APPROVAL UPON COMPLETION OF THE PROJECT. THIS WORK WILL BE CONSIDERED INCLUDED IN THIS CONTRACT.
- 8. ANY SIGN LOCATED IN THE PUBLIC RIGHT-OF-WAY WHICH INTERFERES WITH THE CONSTRUCTION OF THE PROPOSED INTERCONNECT SYSTEM SHALL BE REMOVED AND RE-ERECTED. ALL WORK INVOLVING SIGN REMOVAL AND RE-ERECTION SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

A. A SIGN LOG SHALL BE CREATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. A COPY SHALL BE GIVEN TO THE ENGINEER FOR REVIEW. UPON REVIEW BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A COPY TO IDOT AND EACH MUNICIPALITY.

B. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.

C. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT WAS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.

D. ALL SIGNS SHALL BE RE-ERECTED IN THE ORIGINAL LOCATION AS THE IMPROVEMENTS ARE COMPLETED.

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SIGNS DAMAGED BY HIS/HER CONSTRUCTION ACTIVITIES AND WILL REPLACE THEM AT NO COST TO THE MUNICIPALITY. THIS WORK SHALL BE INCLUDED IN THE CONTRACT.

F. STREET SIGNS TEMPORARILY RELOCATED DURING CONSTRUCTION MAY BE ATTACHED TO THE NEW STREET LIGHTS WITH THE APPROVAL OF THE ENGINEER.
- 9. THE CONTRACTOR WILL CONFINE HIS OPERATIONS TO WITHIN THE AREAS DESIGNATED BY THE ENGINEER IN THE FIELD. DAMAGE TO PROPERTY OUTSIDE OF THESE LIMITS WILL BE RESTORED TO THE CONDITION THAT EXISTED PRIOR TO THE PROJECT AND SHALL BE INCLUDED IN THE CONTRACT. ANY AREAS WITHIN THE MUNICIPALITY RIGHT OF WAY SHALL BE REPLACED WITH SOD.
- 10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SATISFACTORY DRAINAGE OF THE PROJECT SITE AND THOSE AREAS THAT PRESENTLY DRAIN THROUGH THE PROJECT SITE AT ALL TIMES DURING THE CONSTRUCTION PERIOD. THE COST OF PROVIDING, INSTALLING AND MAINTAINING THESE MEASURES SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ALL DRAINAGE STRUCTURES OF ALL DEBRIS ACCUMULATED DURING CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- 12. NO CONSTRUCTION MATERIALS OR EQUIPMENT SHALL BE STORED IN OR MOVED THROUGH THE DRIPLINE OF ANY PARKWAY TREE. IF THIS CLEARANCE CANNOT BE MAINTAINED, THE ENGINEER MUST BE NOTIFIED PRIOR TO CONSTRUCTION.

- 13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.
- 14. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL CROSS WALK LOCATIONS, AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS.
- 15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PAVEMENT OPENINGS, OPEN HOLES, EQUIPMENT AND RUBBLE LEFT IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS.
- 17. ALL PARKWAYS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE PROPERLY GRADED AND RECEIVE FOUR INCHES OF TOPSOIL AND SOD.
- 18. PLACEMENT OF TOPSOIL AND SOD SHALL BE COMPLETED WITHIN 10-15 DAYS AFTER THE COMPLETION OF CURB AND GUTTER, PAVING AND/OR DRIVEWAY REPLACEMENT OPERATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 19. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
- 20. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS INDICATED OTHERWISE.
- 21. THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF ALL SIDEWALKS, CURB AND GUTTER, PAVEMENT AND ALL OTHER MATERIALS EXCAVATED OR REMOVED DUE TO THE PROPOSED IMPROVEMENTS. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE WORK SITE ON THE DAY OF ITS EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE MADE FOR HAULING THESE MATERIALS OUTSIDE THE PROJECT LIMITS.
- 22. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO (2) HOURS FROM THE TIME OF NOTIFICATION.
- 23. SAW CUTTING OF PAVEMENTS, SHOULDERS, ETC., SHALL BE FULL DEPTH AND SHALL RESULT IN A CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
- 24. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHERIDAN ROAD TRAFFIC SIGNAL IMPROVEMENTS & INTERCONNECT
INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES

SCALE: SHEET NO. 2 OF 35 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2736	09-00169-00-TL	LAKE	35	2
CONTRACT NO. 63592				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE #	DESCRIPTION	UNIT	TOTAL 0021	Sheridan at MLK Jr. Dr.	Sheridan at 18th	Sheridan at 16th	Sheridan at 14th	Sheridan at 10th	Genesee at South	Genesee at Amstutz	Genesee at Belvidere	Belvidere at Sheridan	Interconnect
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,885		45	90							1,750
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23		1	1							21
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23		1	1							21
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23		1	1							21
25200100	SODDING	SQ YD	1,885		45	90							1,750
25200200	SUPPLEMENTAL WATERING	UNIT	122		6	3							113
* 35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	50										50
* 40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	14										14
* 40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	6										6
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	50										50
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,215		935	1,330							950
* 42400800	DETECTABLE WARNINGS	SQ FT	152		48	64							40
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	50										50
* 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	317		152	165							
* 44000600	SIDEWALK REMOVAL	SQ FT	3,515		1,235	1,330							950
* 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	317		152	165							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2000										2000
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1										1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10										10
67100100	MOBILIZATION	L SUM	1										1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1										1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1										1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1										1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1										1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1										1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1										1
72000100	SIGN PANEL - TYPE 1	SQ FT	51		21	30							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	155		100	55							
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		1	1							
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	4,470										4,470
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	80		30	50							
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	95		30	65							
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	40		20	20							
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	8,150		605	615							6,930
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	75		75								
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	320		120	200							
81400100	HANDHOLE	EACH	30		4	5							21
81400300	DOUBLE HANDHOLE	EACH	2		1	1							
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	215		80	135							
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7	1			1	1	1	1	1	1	
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2		1	1							
85700500	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	2				1	1					
86200120	UNINTERRUPTIBLE POWER SUPPLY	EACH	2		1	1							
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	15,000										15,000
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,500		600	900							

* = SPECIALTY ITEM

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHERIDAN ROAD TRAFFIC SIGNAL IMPROVEMENTS & INTERCONNECT
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 3 OF 35 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2736	09-00169-00-TL	LAKE	35	3
CONTRACT NO. 63592				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				