## INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5-14 PROPOSED TRAFFIC SIGNAL PLANS
- 15-20 INTERCONNECT PLAN
- 21 INTERCONNECT SCHEMATIC
- 22 FIBER SPLICING DIAGRAM
- 23 CABINET DETAL
- 24-29 DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
- 30 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 31 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
- 32 ARTERIAL ROAD INFORMATION SIGN (TC-22)
- 33 DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS (TS-02)
- 34 DRIVEWAY PATCHING & CONCRETE FINISH DETAIL
- 35 VIDEO DETECTION DETAILS

## 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

I. 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 FLECTRIC 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 JULLIE. 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.
- 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 REOUIREMENTS:
  - 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.
- IB. PLACEMENT OF TOPSOIL AND SOD SHALL BE COMPLETED WITHIN 10-15 DAYS AFTER THE COMPLETION OF CURB AND GUITER, 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.

REVISED 1

<u></u>	Ciorba Group, Inc.	
J	5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014	

_	USER NAME = rrade	DESIGNED	-	RJR	REVISED 1 - 06/09/2011	Г
		DRAWN	-	RJR	REVISED -	
	PLOT SCALE = 1.0000 '/ IN.	CHECKED	-	JMV	REVISED -	
	PLOT DATE = 6/7/2011	DATE	-	03/22/2011	REVISED -	

ST	ATE	0F	ILLINOIS	
DEPARTME	NT	OF '	TRANSPORTATION	

			NTS & INTERCONNECT	F.A.P. RTE.	SECT
INDEX OF	2736	09-00169			
SCALE:	SHEET NO. 2 OF	35 SHEETS STA.	TO STA.	FED. ROAF	D DIST. NO. 1

•	F.A.P. RTE.		SECTION						COUNTY			TOT	SHEET NO.		
	2736 09-00169-00-TL					L		LAKE 35					2		
			-							CO	NTRA	CT	NO.	6	3592
	FFD C	OAD	DICT	NIO.	-	111	THAT	CEC	41	0 00	OICCT				