

INDEX OF SHEETS

SHEET NO.

TITLE

001	COVER SHEET
002	INDEX OF SHEETS AND LIST OF STANDARDS
003-007	SUMMARY OF QUANTITIES
008-013	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (6 SHEETS)
014	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT ILL. RTE. 43 (HARLEM AVE.) PRE-STAGE (SHEET 1 OF 2)
015	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT ILL. RTE. 43 (HARLEM AVE.) PRE-STAGE (SHEET 2 OF 2)
016	TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM ILL. ROUTE 21 (MILWAUKEE AVE.) AT ILL. ROUTE 43 (HARLEM AVE.)
017	PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT ILL. RTE. 43 (HARLEM AVE.)
018	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES AT ILL. ROUTE 21 (MILWAUKEE AVE.) AND ILL. ROUTE 43 (HARLEM AVE.)
019	PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES AT ILL. ROUTE 21 (MILWAUKEE AVE.) AND ILL. ROUTE 43 (HARLEM AVE.)
020	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT HOWARD ST. PRE-STAGE
021	TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM ILL. ROUTE 21 (MILWAUKEE AVE.) AT HOWARD ST.
022	TRAFFIC SIGNAL INSTALLATION PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT HOWARD ST.
023	CABLE PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT HOWARD ST.
024	PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES ILL. ROUTE 21 (MILWAUKEE AVE.) AT HOWARD ST.
025	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. RTE. 43 (HARLEM AVE.) AT HOWARD ST. PRE-STAGE
026	TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM ILL. ROUTE 43 (HARLEM AVE.) AT HOWARD ST.
027	TRAFFIC SIGNAL INSTALLATION PLAN ILL. RTE. 43 (HARLEM AVE.) AT HOWARD ST.
028	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES ILL. ROUTE 43 (HARLEM AVE.) AT HOWARD ST.
029	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT OAKTON ST. (SHEET 1 OF 2)
030	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT OAKTON ST. (SHEET 2 OF 2)
031	TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL. ROUTE 21 (MILWAUKEE AVE.) AT OAKTON ST.
032	TRAFFIC SIGNAL INSTALLATION PLAN ILL. RTE. 21 (MILWAUKEE AVE.) AT OAKTON ST. (SHEET 1 OF 2)
033	TRAFFIC SIGNAL INSTALLATION PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT OAKTON ST. (SHEET 2 OF 2)
034	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES ILL. ROUTE 21 (MILWAUKEE AVE.) AT OAKTON ST.
035	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST. PRE-STAGE
036	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST. PRE-STAGE
037	TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.
038	TRAFFIC SIGNAL INSTALLATION PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.
039	CABLE PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST. (SHEET 1 OF 2)
040	PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.
041	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST. (PRE-STAGE) (SHEET 1 OF 2)
042	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST. (SHEET 2 OF 2)
043	TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST.
044	TRAFFIC SIGNAL INSTALLATION PLAN ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST. (SHEET 1 OF 2)
045	TRAFFIC SIGNAL INSTALLATION PLAN ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST. (SHEET 2 OF 2)
046	CABLE PLAN ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST.
047	PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES ILL. ROUTE 43 (HARLEM AVE.) AT OAKTON ST.
048	TRAFFIC SIGNAL REMOVAL AND DEMOLITION PLAN ILL. RTE. 43 (WAUKEGAN RD.) AT ILL. RTE. 43 (OAKTON ST.)
049	TRAFFIC SIGNAL MODIFICATION PLAN ILL. RTE. 43 (WAUKEGAN RD.) AT ILL. RTE. 43 (OAKTON ST.) (SHEET 1 OF 2)
050	TRAFFIC SIGNAL MODIFICATION PLAN ILL. RTE. 43 (WAUKEGAN RD.) AT ILL. RTE. 43 (OAKTON ST.) (SHEET 2 OF 2)
051	MODIFIED CABLE PLAN WAUKEGAN RD. AT OAKTON ST.
052	EXISTING PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES WAUKEGAN RD. AT OAKTON ST.
053	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN US ROUTE 14 (CALDWELL AVE.) AT OAKTON ST. PRE-STAGE
054	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN US ROUTE 14 (CALDWELL AVE.) AT OAKTON ST. PRE-STAGE
055	TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM, OAKTON ST. AT US ROUTE 14 (CALDWELL AVE.)
056	TRAFFIC SIGNAL INSTALLATION PLAN US ROUTE 14 (CALDWELL AVE.) AT OAKTON ST. (SHEET 1 OF 2)
057	TRAFFIC SIGNAL INSTALLATION PLAN US ROUTE 14 (CALDWELL AVE.) AT OAKTON ST. (SHEET 2 OF 2)
058	CABLE PLAN OAKTON AT US ROUTE 14 (CALDWELL AVE.) (SHEET 1 OF 2)
059	PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES OAKTON AT US ROUTE 14 (CALDWELL AVE.) (SHEET 2 OF 2)
060	TEMPORARY INTERCONNECT PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) FROM ILL. ROUTE 43 (HARLEM AVE.) TO HOWARD ST., AND HOWARD ST. FROM ILL. ROUTE 43 (HARLEM AVE.) TO ILL. ROUTE 21 (MILWAUKEE AVE.)
061	TEMPORARY INTERCONNECT SCHEMATIC ILL. ROUTE 21 (MILWAUKEE AVE.) FROM ILL. ROUTE 43 (HARLEM AVE.) TO HOWARD ST., AND HOWARD ST. FROM ILL. ROUTE 43 (HARLEM AVE.) TO ILL. ROUTE 21 (MILWAUKEE AVE.)
062	PROPOSED INTERCONNECT PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) FROM ILL. ROUTE 43 (HARLEM AVE.) TO HOWARD ST., AND HOWARD ST. FROM ILL. ROUTE 43 (HARLEM AVE.) TO ILL. ROUTE 21 (MILWAUKEE AVE.)
063	PROPOSED INTERCONNECT SCHEMATIC ILL. ROUTE 21 (MILWAUKEE AVE.) FROM ILL. ROUTE 43 (HARLEM AVE.) TO HOWARD ST., AND HOWARD ST. FROM ILL. ROUTE 43 (HARLEM AVE.) TO ILL. ROUTE 21 (MILWAUKEE AVE.)
064-068	TEMPORARY INTERCONNECT PLAN OAKTON ST. FROM ILL. ROUTE 21 (MILWAUKEE AVE.) TO US ROUTE 14 (CALDWELL AVE.) (5 SHEETS)
069	TEMPORARY INTERCONNECT SCHEMATIC ILL. ROUTE 21 (MILWAUKEE AVE.) FROM MAIN STREET TO OAKTON STREET
070-074	PROPOSED INTERCONNECT PLAN OAKTON ST. FROM ILL. ROUTE 21 (MILWAUKEE AVE.) TO US ROUTE 14 (CALDWELL AVE.) (5 SHEETS)
075	PROPOSED INTERCONNECT SCHEMATIC ILL. ROUTE 21 (MILWAUKEE AVE.) FROM MAIN STREET TO OAKTON STREET
076-078	MAST ARM MOUNTED STREET NAME SIGNS (3 SHEETS)
079	LIGHTING PLAN ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.
080	SINGLE LINE DIAGRAM ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.
081	TEMPORARY LIGHT POLE DETAILS
082	COMBINATION LIGHTING CONTROLLER
083	DISTRICT 1 STANDARD COMBINATION LIGHTING DISCONNECT
084	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROAD, INTERSECTION, AND DRIVEWAYS
085	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
086	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
087	ARTERIAL ROAD INFORMATION SIGN
088-089	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS

IDOT STANDARDS

STD. NO.

DESCRIPTION

000001 - 00	ABBREVIATIONS, SYMBOLS AND PATTERNS
001001 - 02	REINFORCEMENT BARS, AREAS, WEIGHTS AND SPACING
001006	DECIMAL EQUIVALENTS OF AN INCH AND FOOT
424001 - 00	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	CURB RAMPS FOR SIDEWALK, DIAGONAL
424011	CURB RAMPS FOR SIDEWALK, CORNER PARALLEL
424021	DEPRESSED CORNER FOR SIDEWALKS
442201 - 03	PATCHING, CLASS C AND D
606001 - 04	CURB TYPE B AND COMBINATION CURB AND GUTTER, CONCRETE
606301 - 04	MEDIAN, CONCRETE
701006 - 03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011 - 02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101 - 02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701421 - 04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701501 - 00	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502 - 04	URBAN LANE CLOSURE 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601 - 07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606 - 08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 - 08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 - 05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901 - 02	TRAFFIC CONTROL DEVICES
720001 - 01	SIGN PANEL MOUNTING DETAILS
780001 - 03	PAVEMENT MARKINGS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 02	HANDHOLES
814006 - 02	DOUBLE HANDHOLES
857001 - 01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001 - 01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001 - 02	TRAFFIC SIGNAL GROUNDING & BONDING
877001 - 05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006 - 04	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011 - 05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001 - 09	CONCRETE FOUNDATION DETAILS
880001 - 01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006 - 01	TRAFFIC SIGNAL MOUNTING DETAILS
886001 - 01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

- WHERE LEFT-TURNS ARE RESTRICTED, LEFT-TURN BLANK OUT SIGNS AS SHOWN ARE APPROVED FOR USE OR AS DETERMINED BY THE ENGINEER.
- INTERSECTIONS PREVIOUSLY USING "PROGRAMMABLE HEADS" SUCH AS ILLINOIS ROUTE 21 (MILWAUKEE AVE) AT ILLINOIS ROUTE 43 (HARLEM) WHICH IS BADLY SKEWED, WILL REQUIRE "P" HEADS TO BE REPLACED.
- ANY VILLAGE SIGNING, SPECIAL EVENT BRACKETS, MOUNTINGS OR ELECTRICAL OUTLETS AFFECTED WILL BE THE RESPONSIBILITY OF THE VILLAGE TO DISCONNECT AND REMOVE THESE ITEMS PRIOR TO ANY TRAFFIC SIGNAL WORK. TRAFFIC SIGNAL CONTRACTOR SHALL NOTIFY THE VILLAGE 2-WEEKS PRIOR TO REMOVAL OF ANY TRAFFIC SIGNAL EQUIPMENT.
- THE M.O.T. AND PROTECTION TO RECONSTRUCT THE ISLAND MEDIANS AT ANY INTERSECTION; SHALL CONFORM TO STANDARDS 424001 AND 701701 OR AS DIRECTED BY THE ARTERIAL FIELD ENGINEERS OFFICE. THE CONTRACTOR SHALL NOTIFY THE ARTERIAL FIELD ENGINEER AT (847) 705-4411 72 HOURS IN-ADVANCE OF ANY DEMOLITION WORK TO REVIEW AND APPROVE ANY LANE CLOSURE AND M.O.T. EQUIPMENT ONCE IN PLACE.
- FOR PAY ITEM NUMBERS THAT BEGIN WITH "X" WHICH ARE COVERED IN THE DISTRICT 1 SPECIAL PROVISIONS NO ADDITIONAL SPECIAL PROVISIONS ARE PROVIDED.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 Gyr.

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YDIN.

NOTE 2: THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = #USER#	DESIGNED - MA, PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND LIST OF STANDARDS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - EA, SM, MG	REVISED -			3513	2011-210-TS	COOK	089	002
	PLOT SCALE = #SCALE#	CHECKED - PKG	REVISED -			FINAL			CONTRACT NO. 60R44	
	PLOT DATE = #DATE#	DATE - 04/16/2012	REVISED -			SCALE: NONE		SHEET NO. OF SHEETS		STA. TO STA.
						FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		