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IDOT STANDARDS

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THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", JANUARY 1, 2012; MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION; PROJECT SPECIFICATIONS; ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE VILLAGE OF MOUNT PROSPECT; THE COOK COUNTY DIVISION OF TRANSPORTATION; ALL APPLICABLE REQUIREMENTS OF THE ORDINANCES OF AUTHORITIES HAVING JURISDICTION; AND ALL ADDENDA THERETO SHALL GOVERN THIS WORK.

THE STANDARD SPECIFICATIONS, PROJECT SPECIFICATIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED A PART OF THE CONTRACT.

WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OF UNSTABLE MATERIALS CREATED AS A RESULT THEREOF.

THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.

EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION IS BASED ON RECORD INFORMATION PROVIDED BY THE INDIVIDUAL UTILITY OWNERS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. THE CONTRACTOR SHALL ALSO CONTACT J.U.L.I.E. TO OBTAIN LOCATES OF THE RESPECTIVE UTILITY COMPANIES UNDERGROUND FACILITIES.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD IN ACCORDANCE TO STANDARD SPECIFICATIONS ARTICLE 252 WHICH SHALL INCLUDE THE REQUIRED WATERING PER ARTICLE 252.08. ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ARTICLE 250 AND 251, RESPECTIVELY.

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.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTH.

THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES, AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES, AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, AND IDOT.

000001-0/0	STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021	DEPRESSED CORNER FOR SIDEWALKS
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701606-0/8	URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-0/8	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-0/5	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-0/2	TRAFFIC CONTROL DEVICES
720001-0/1	SIGN PANEL MOUNTING DETAIL
720006-0/3	SIGN PANEL ERECTION DETAIL
780001-0/3	TYPICAL PAVEMENT MARKINGS
805001-0/1	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLE
814008-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL 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

VILLAGE GENERAL NOTES

ALL DETECTABLE WARNINGS SHALL MATCH EXISTING, COLONIAL RED.

ALL EMERGENCY VEHICLE PREEMPTION EQUIPMENT SHALL BE TOMAR UNLESS OTHERWISE SPECIFIED BY THE VILLAGE OF MOUNT PROSPECT.

TEMPORARY FENCE SHALL BE INSTALLED AROUND TREES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

NO EXCAVATION SHALL BE ALLOWED WITHIN THE DRIPLINES OF PUBLICLY OWNED TREES.

IF DIGGING IS NEEDED WITHIN FENCED AREA OR IF PLANS ARE ALTERED, THE MOUNT PROSPECT FORESTRY DEPARTMENT MUST BE NOTIFIED BEFORE WORK BEGINS OR FINES WILL BE IMPOSED.



FILE NAME = 0308-002-TR1.dwg

GEWALT HAMILTON ASSOCIATES, INC.	USER NAME = ZACH WALLSTEN	DESIGNED = JRD	REVISED =
	PLOT SCALE = 1" = 0833'	DRAWN = ZCW	REVISED =
	PLOT DATE = 8/15/2012	CHECKED = KLB	REVISED =

DATE = 8/15/2012	REVISED =
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, GENERAL NOTES, &
HIGHWAY STANDARDS**

SCALE 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	2
CONTRACT #:			60T82	
ILLINOIS FED. AID PROJECT				

Rev. 10-25-12

CHA #4085.882

URBAN

LSSEV, 01

07POY, 01

SUMMARY OF QUANTITIES		CONSTRUCTION CODE										
		LOCATION OF WORK	DEMPSTER STREET AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT DEMPSTER STREET	INTERCONNECT	EMERGENCY VEHICLE PREEMPTION	FUNDING BREAKDOWNS				
								90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF MOUNT PROSPECT
								TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT	TRAFFIC SIGNALS
TYPE	0021	0021	0021	0021	0021	0021						
CODE NO.	ITEM	UNIT	TOTAL	URBAN	URBAN	URBAN	URBAN	URBAN				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,095	765	110	220						
⚠ 20101000	TEMPORARY FENCE	FOOT	75	25	50							
42400800	DETECTABLE WARNINGS	SQ FT	28	28								
⚠ 20101200	TREE ROOT PRUNING	EACH	3	1	2							
44000600	SIDEWALK REMOVAL	SQ FT	1,095	765	110	220						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5.00	1.50	1.50	1.50	0.50					
67100100	MOBILIZATION	L SUM	1.00	0.30	0.30	0.30	0.10					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1.00	0.30	0.30	0.30	0.10					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.00	0.30	0.30	0.30	0.10					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.00	0.30	0.30	0.30	0.10					
* 72000100	SGN PANEL - TYPE 1	SQ FT	63.00	31.50	13.50	18.00						
* 72000200	SGN PANEL - TYPE 2	SQ FT	25.00		25.00							
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	3.00	1.00	1.00	1.00						
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,480	489	265	258	468					
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	420	102	243	75						
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	200	38	111	53						

* SPECIALTY ITEM

FILE NAME = 4385-882-TRI.dwg



USER NAME = ZACH WALLSTEN
 PLOT SCALE = 1" = 60.33'
 PLOT DATE = 8/15/2012

DESIGNED - JRD
 DRAWN - ZCW
 CHECKED - KLB
 DATE - 8/15/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 (SHEET 1 OF 6)

SCALE N.A. SHEET NO. OF SHEETS STA TO STA.

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	3
CONTRACT #:			60T82	
ILLINOIS FED. AID PROJECT				

Rev. 10-25-12

GHA #4085.882

SUMMARY OF QUANTITIES		CONSTRUCTION CODE						
		LOCATION OF WORK	DEMPSTER STREET AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT DEMPSTER STREET	INTERCONNECT	EMERGENCY VEHICLE PREEMPTION	
		FUNDING BREAKDOWNS	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF MOUNT PROSPECT	
		TYPE	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT	TRAFFIC SIGNALS	
CODE NO.	ITEM	UNIT	TOTAL	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN
88800100	PEDESTRIAN PUSH-BUTTON	EACH	22	9	9	4		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1				
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1	1				
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8,693	1,328	1,874	1,601	3,890	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1	1		
89502380	REMOVE EXISTING HANDHOLE	EACH	26	7	10	9		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	24	8	8	8		
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	3,482	540	784	417		1,741
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	4,163	664	937	617	1,945	
XX000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	900		900			
X8100105	CONDUIT SPLICE	EACH	16	5	8	3		
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2	1		1		
X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1		1			
X8800105	MASTER CONTROLLER (SPECIAL)	EACH	1		1			

* SPECIALTY ITEM

FILE NAME = 4085.882-TR1.dwg

GHA GEWALT HAMILTON ASSOCIATES, INC.	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
	PLOT SCALE = 1" = .0833'	DRAWN - ZCW	REVISED -
	PLOT DATE = 8/15/2012	CHECKED - KLB	REVISED -
		DATE - 8/15/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES (SHEET 5 OF 6)			
SCALE N.A.	SHEET NO. OF SHEETS	STA. TO STA.	

E.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	7
CONTRACT #:			60T82	
ILLINOIS FED. AID PROJECT				

Rev. 10-25-12

GHA #4085.882

0109 F S 3113

SUMMARY OF QUANTITIES		CONSTRUCTION CODE						
		LOCATION OF WORK	DEMPSTER STREET AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT BUSSE ROAD	IL 62 (ALGONQUIN RD) AT DEMPSTER STREET	INTERCONNECT	EMERGENCY VEHICLE PREEMPTION	
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			90% FEDERAL 10% STATE
		FUNDING BREAKDOWNS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT	TRAFFIC SIGNALS	
CODE NO.	ITEM	UNIT	TOTAL	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1	1	1		
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3,537				3,637	
Z0007430	TEMPORARY SIDEWALK	SQ FT	1,095	765	110	220		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	128	51	51	26		
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	3				3	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3.00	1.00	1.00	1.00		

* SPECIALTY ITEM

* 66900200 NON-SPECIAL WASTE DISPOSAL	CUYD	15	5	5	5
* 66900450 SPECIAL WASTE PLANS AND REPORTS	L SUM	1	0.34	0.33	0.33
* 66900530 SOIL DISPOSAL ANALYSIS	EACH	3	1	1	1

FILE NAME = 4085.882-191.0-3

GHA GEWALT HAMILTON ASSOCIATES, INC.	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
	PLOT SCALE = 1" = .0833'	DRAWN - ZGW	REVISED -
	PLOT DATE = 8/15/2012	CHECKED - KLB	REVISED -
		DATE - 8/15/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES (SHEET 6 OF 6)			
SCALE N.A.	SHEET NO.	OF SHEETS	STA. TO STA.

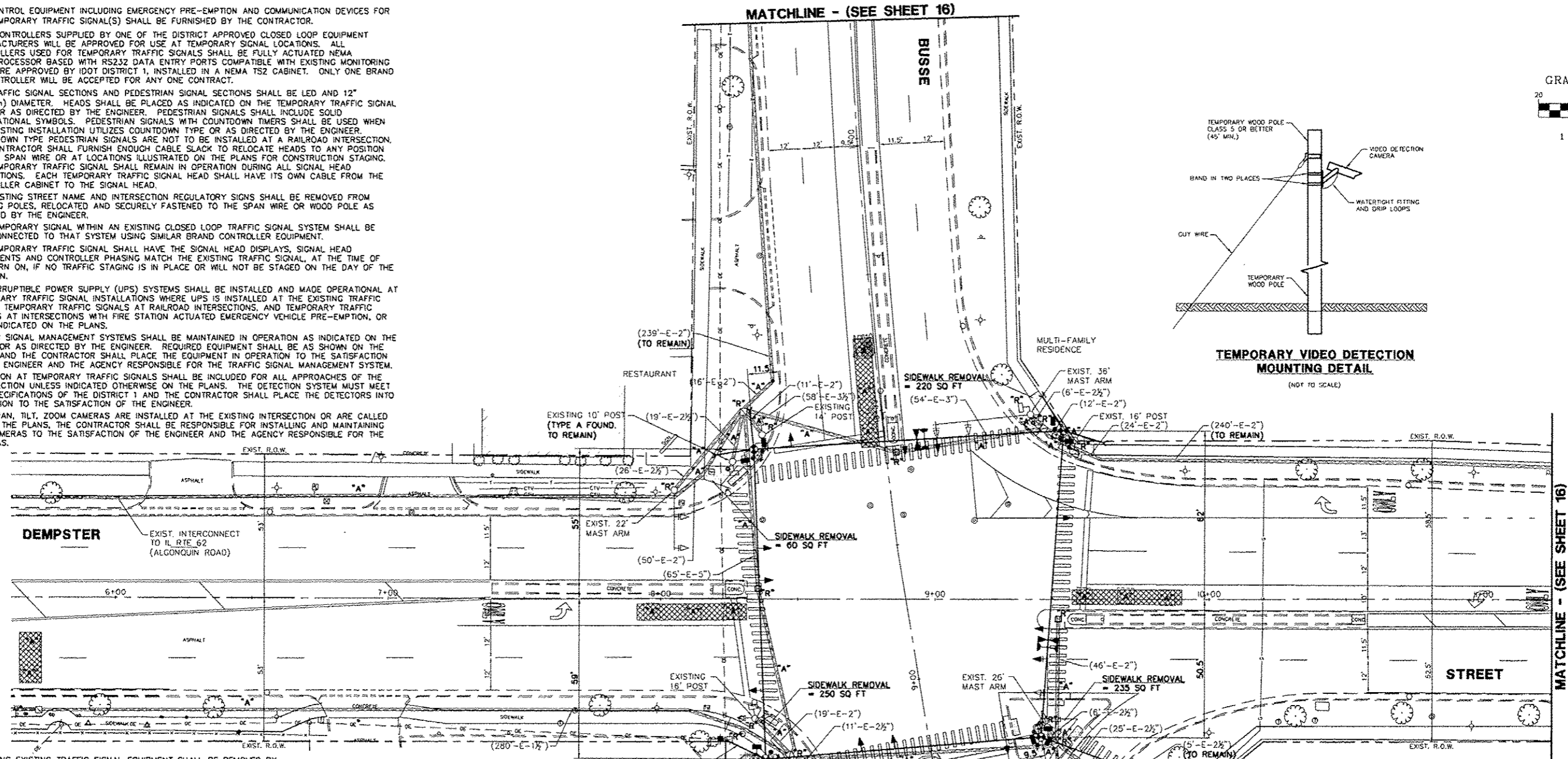
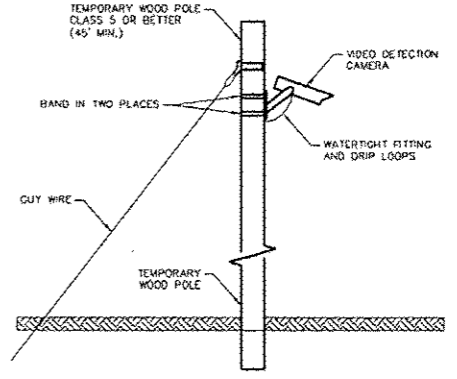
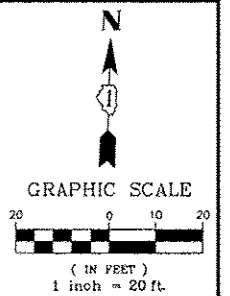
F&P RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	8
CONTRACT #			60782	
ILLINOIS FED AID PROJECT				

Rev.10-25-12

GHA #4085.882

NOTES FOR TEMPORARY TRAFFIC SIGNALS:

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROLLER EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF THE DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OR DELIVERY OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- AGENCY: VILLAGE OF MOUNT PROSPECT
- 3 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
 - 1 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
 - 1 EACH PEDESTRIAN SIGNAL HEAD, 3-FACE
 - 2 EACH PEDESTRIAN PUSH-BUTTON
 - 2 EACH LIGHT DETECTOR
 - 1 EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 3 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 5 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 4 EACH STEEL MAST ARM AND POLE
- 5 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 8 EACH TRAFFIC SIGNAL BACKPLATE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

	USER NAME = ZACH WALLSTEN	DESIGNED = JRD	REVISED =
	PLOT SCALE = 1" = 85.3'	DRAWN = ZCW	REVISED =
	PLOT DATE = 8/15/2012	CHECKED = KLB	REVISED =

DATE = 8/15/2012	REVISED =
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION &
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
DEMPSTER STREET AT BUSSE ROAD**

SCALE 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

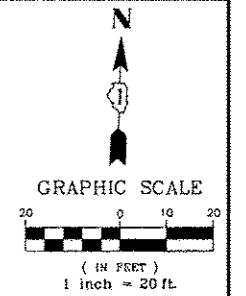
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	15
CONTRACT #:			60782	
ILLINOIS FED. AID PROJECT				

Rev. Sheet 10-25-12

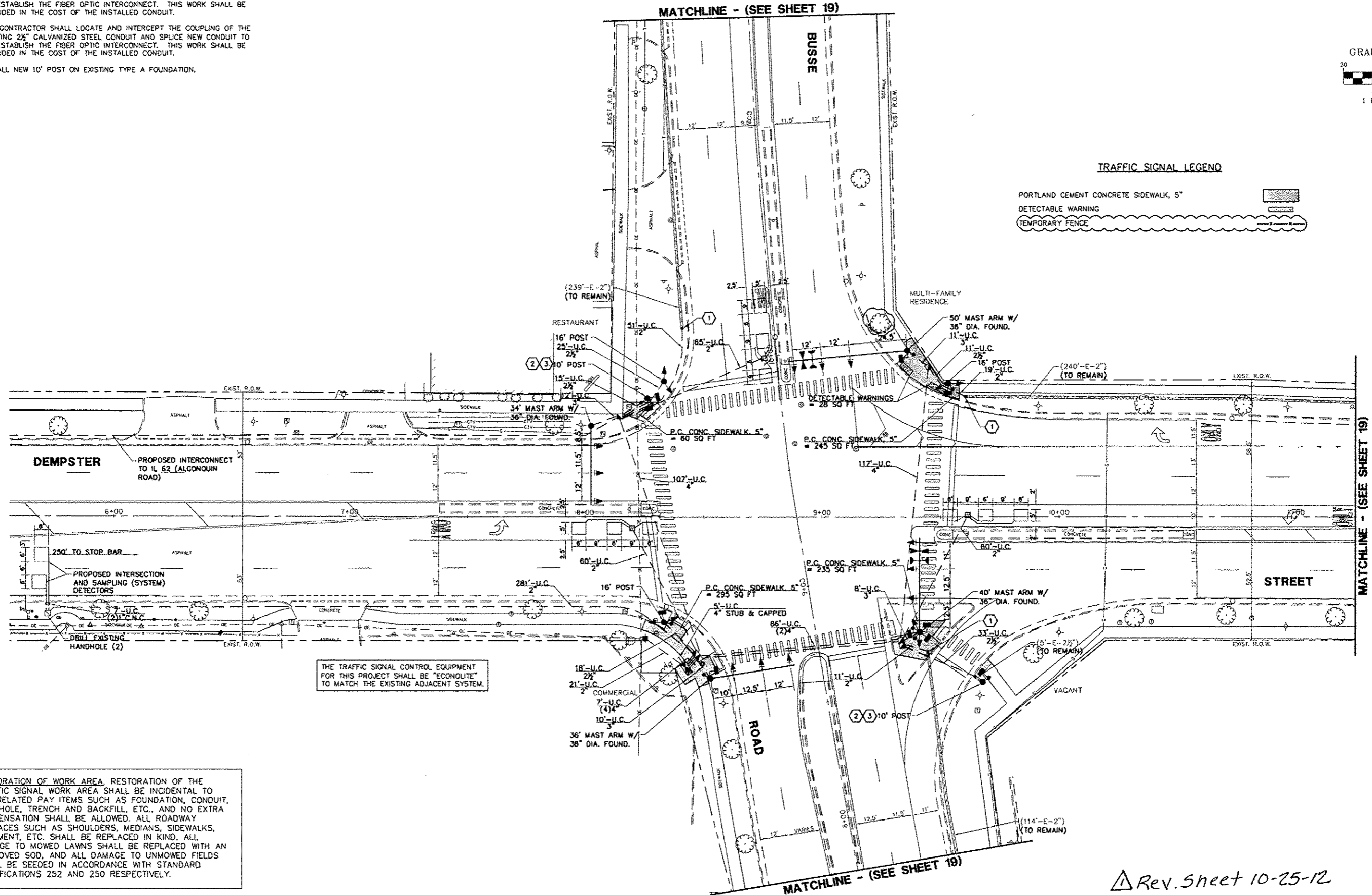
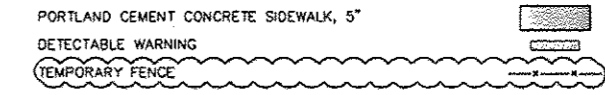
FILE NAME = 1085882-TR1.dwg

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING 2" GALVANIZED STEEL CONDUIT AND SPLICE NEW CONDUIT TO RE-ESTABLISH THE FIBER OPTIC INTERCONNECT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE INSTALLED CONDUIT.
- ② THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING 2 1/2" GALVANIZED STEEL CONDUIT AND SPLICE NEW CONDUIT TO RE-ESTABLISH THE FIBER OPTIC INTERCONNECT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE INSTALLED CONDUIT.
- ③ INSTALL NEW 10' POST ON EXISTING TYPE A FOUNDATION.



TRAFFIC SIGNAL LEGEND



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

△ Rev. Sheet 10-25-12

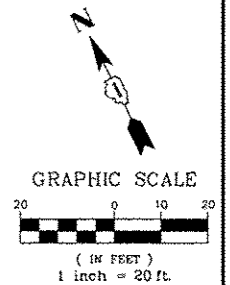
FILE NAME = 40365.882-TRI-10-25-12

	USER NAME = ZACH WALLSTEN	DESIGNED = JRD	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN DEMPSTER STREET AT BUSSE ROAD		P&P RATE	SECTION	COUNTY	TOTAL SHEETS	TOTAL SHEET NO.
	PLOT SCALE = 1" = 80.33'	DRAWN = ZCW	REVISED =				-	2012-030TS	COOK	39	18
	PLOT DATE = 8/15/2012	CHECKED = KLB	REVISED =				-			CONTRACT #:	60782
	DATE = 8/15/2012	REVISED =		SCALE 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

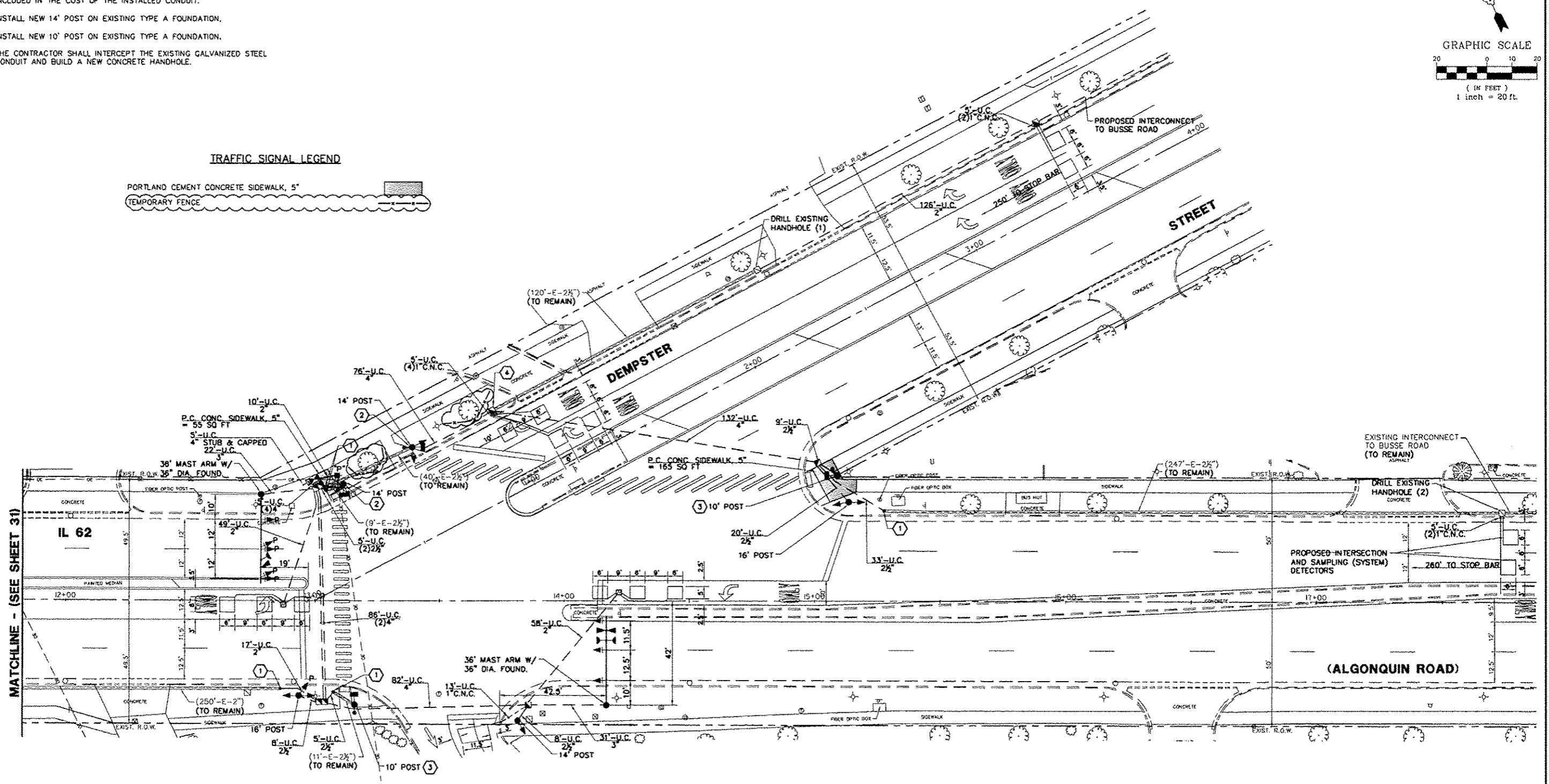
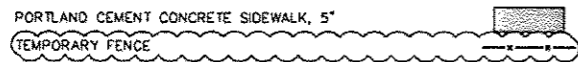
GHA #4085.882

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING GALVANIZED STEEL CONDUIT AND SPLICE NEW CONDUIT TO RE-ESTABLISH THE FIBER OPTIC INTERCONNECT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE INSTALLED CONDUIT.
- ② INSTALL NEW 14' POST ON EXISTING TYPE A FOUNDATION.
- ③ INSTALL NEW 10' POST ON EXISTING TYPE A FOUNDATION.
- ④ THE CONTRACTOR SHALL INTERCEPT THE EXISTING GALVANIZED STEEL CONDUIT AND BUILD A NEW CONCRETE HANDHOLE.



TRAFFIC SIGNAL LEGEND



MATCHLINE - (SEE SHEET 31)

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

△ Rev. Sheet 10-25-12

GEWALT HAMILTON ASSOCIATES, INC. USER NAME - ZACH WALLSTEN PLOT SCALE = 1" = .0033' PLOT DATE = 8/15/2012	DESIGNED - JRD DRAWN - ZCW CHECKED - KLB DATE - 8/15/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 62 (ALGONQUIN RD) AT DEMPSTER STREET	F.A.P. RTE - SECTION - 2012-030TS COUNTY - COOK TOTAL SHEETS - 39 SHEET NO. - 30	CONTRACT # - 60T82 ILLINOIS FED. AID PROJECT
	SCALE 1" = 20' SHEET NO. OF SHEETS STA TO STA	GHA #4085.892				