INDEX OF SHEETS SHEET NO. DESCRIPTION 2. STANDARD TRAFFIC SIGNAL DESIGN DETAILS TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (IST AVENUE) AT FULLERTON AVENUE CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (IST AVENUE) AT FULLERTON AVENUE TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (1ST AVENUE) AT THATCHER ROAD CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (1ST AVENUE) AT THATCHER ROAD TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN
IL RTE 171 (IST AVENUE - THATCHER AVENUE) AT GRAND AVENUE CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (IST AVENUE - THATCHER AVENUE) AT GRAND AVENUE TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (THATCHER AVENUE) AT THATCHER WOODS SHOPPING CENTER CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF OUANTITIES IL RITE 171 (THATCHER WAVENUE) AT THATCHER WOODS SHOPPING CENTER CABLE PLAN, PHASE DESIGNATION DIAGRAM SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT BELMONT AVENUE TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (CUMBERLAND AVENUE) AT FOREST PRESERVE DRIVE CABLE PLAN, PHASE DESIGNATION DIAGRAM SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT FOREST PRESERVE DRIVE CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT ADDISON STREET TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (CUMBERLAND AVENUE) AT IRVING PARK ROAD CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT IRVING PARK ROAD TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL RTE 171 (CUMBERLAND AVENUE) AT MONTROSE AVENUE CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT MONTROSE AVENUE CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND AVENUE) AT LAWRENCE AVENUE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SCALES PROFILE HORIZ. N.A. PROFILE VERT. N.A.

DISTRICT 1

CONGESTION MITIGATION AIR QUALITY FIBER OPTIC COMMUNICATIONS NETWORK

ILLINOIS ROUTE 171 (CUMBERLAND AVENUE) FROM FULLERTON AVENUE TO FOSTER AVENUE

> F.A.P. ROUTE 372 **SECTION 2006-039TS** C-91-079-07

COOK COUNTY





PROJECT: CMF-0372 (004) END OF PROJECT BEGINNING OF PROJECT PROJECT LOCATION

LEYDEN AND NORWOOD PARK TOWNSHIPS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 24 St 24 20.06

Diam M. Okufe Oil

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

LOCATION OF SECTION INDICATED THUS:

Recember 8, 20 C/2

Fix 5. Harry 60

Authorized Engineer of Design and Environment

Millon R. Sees, P.S. J.D.

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

SECTION COUNTY 372 2006-039TS COOK 36 1

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

STANDARD DRAWINGS

29, 30, 31, 32, 33, 34 & 35

701006-02	701011-01	701101-01	701301-02	702001-06
(424001-04) (857001) 880001	720001 (877001~02) (880006	813001-01 877006-02 886001	814001-01) 877011-02 805001	814006 (878001-05)
701201-02 701502-01	701316-03 701606-04	701321-08 701601-04	701406-04 (701701-04)	701501-03 701801-03

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL RTE 171 (CUMBERLAND) AVENUE AT FOSTER AVENUE

INTERCONNECT PLAN IL RTE 171 (CUMBERLAND AVENUE) FROM FULLERTON AVENUE TO FOSTER AVENUE INTERCONNECT SCHEMATIC IL RTE 171 (CUMBERLAND AVENUE) FROM FULLERTON AVENUE TO FOSTER AVENUE

NOTE: STANDARD DRAWINGS REQUIRED (CIRCLED).

CONTRACT NO. 60C01

PREPARED	BY:	Stine	Truia Dl.	Oct 2-1,2000
		TRAFFIC	ENGINEER	DATE

COUNTY COOK

SECTION 2006-039TS

F.A.P. ROUTE 372 / ILL 171

215 (35)mfg.m/255-235cuht.dgn 40/24/2555 10:57/67 AP

F.A.P. RTE.	SECTION		OUNTY	TOTAL	SHEET NO.
372	2006-039	TS	COOK	36	2
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FED. RO	AD DIST. NO.	ILLINOIS	FED. AID	PROJECT	
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············	PERCENTAGES														
	LOCATION OF WORK		URBAN BOI.FEO. 20/.STATE	AT .	IL ROUTE 171 AT THATCHER ROAD	IL ROUTE 171 AT GRAND AVENUE	IL ROUTE 171 AT THATCHER WOODS S.C.	IL ROUTE 171 AT BELMONT AVENUE	IL ROUTE 171 AT FOREST PRES. DRIVE	IL ROUTE 171 AT ADDISON STREET	IL ROUTE 171 AT IRVING PARK ROAD	IL ROUTE 171 AT MONTROSE AVENUE	IL ROUTE 171 AT LAWRENCE AVENUE	IL ROUTE 171 AT FOSTER AVENUE	INTERCONNEC
	SUMMARY OF QUANTITIES								CONSTRUCTI	ON TYPE CODE					
		T- T-									1				
		*						1							
CODE NO.	ITEM	UNIT	TOTAL.	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F
										<u> </u>					
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	5							<u> </u>					
67100100	MOBILIZATION	L SUM	1								1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1												
70102625	TRAFFIC CONTROL AND PROTECTION. STANDARD 701606	L SUM	1												
70102635	TRAFFIC CONTROL AND PROTECTION. STANDARD 701701	L SUM	1												
81000600	CONDUIT IN TRENCH, 2" DIAGALVANIZED STEEL	FOOT	1830			j	448	L	<u> </u>						1382
81018500	CONDUIT PUSHED. 2" DIAGALVANIZED STEEL	FOOT	1433			265	138			80					950
81400100	HANDHOLE	EACH	6	ļ			2	<u> </u>			ļ				4
X1806400	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4				4								
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1382												1382
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	11	1	1	1	1	1	1	1	1	1	1	1	
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	10	1	1		1	1	1	1	1	11	1	1	
85700305	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1			11									
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1			1									
86400100	TRANSCEIVER-FIBER OPTIC	EACH	11	1	1	1	1	1	1	1	1	1	1	1	
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	21137												21137
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	101				101								
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	627				627								
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	5227												5227
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3828	756		1479	753				350			490	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2748												2748
87900200	DRILL EXISTING HANDHOLE	EACH	10			2	4			2	·				2
88000160	SIGNAL HEAD. 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6			3					3				
88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	25	4	2	6		I			1	4		8	
88100400	PEDESTRIAN SIGNAL HEAD. 2-FACE. BRACKET MOUNTED	EACH	5	1	1			1			2				
88500100	INDUCTIVE LOOP DETECTOR	EACH	111	12	5	16	4	8	10	5	21	10	10	10	
88600100	DETECTOR LOOP, TYPE 1	F00T	141				141								
X8050015	SERVICE INSTALLATION. POLE MOUNTED	EACH	1				1								
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	11-	1	1	1	1	1	1	1	1	1	1	1	
XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1												. 1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1												1
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	REVISIONS	
	NAME	DATE
ATOM ENGINEEDING		
SETON ENGINEERING		
CIVIL ENGINEERS		
19 S. BOTHWELL STREET		
PALATINE, ILLINOIS 60067		
VOICE: 847-776-7200 FAX: 847-776-7239		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

IL RTE 171 (CUMBERLAND AVENUE)
FROM FULLERTON AVENUE
TO FOSTER AVENUE
RIVER GROVE AND CHICAGO, IL

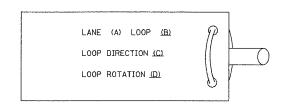
SCALE: N.T.S.
DATE 10-23-06

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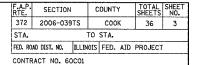
LOOP DETECTOR NOTES

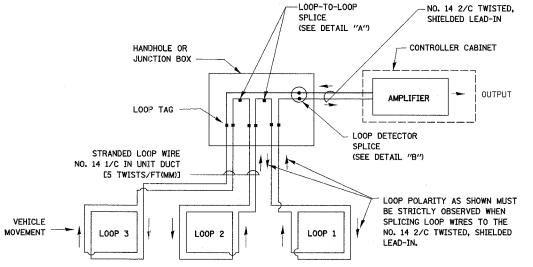
- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE, SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURES. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG



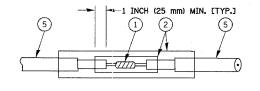
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

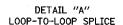


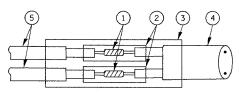


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- * SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE. THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- * LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.







DETAIL "B" LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- (1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- (4) NO. 14 2/C TWISTED, SHIELDED CABLE.
- (5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

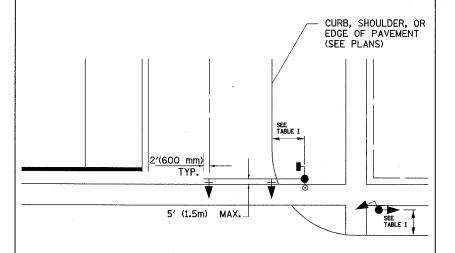
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SETON ENGINEERING				<
GIVIL ENGINEERS				_
19 S. BOTHWELL STREET				
PALATINE, ILLINOIS 60067 VOICE: 847-776-7200 FAX: 847-776-7239			SCALE:	,
70000 071 170 1200 FAQ 047-110-1233			DATE	1
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INOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

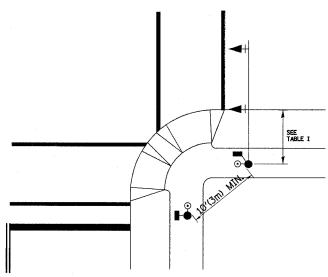
N.T.S. 10-23-06

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUILTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
372	2006-039	TS	COOK	36	4
STA. TO STA.					
FED. RO	AD DIST. NO.	ILLINOIS	FED. AID	PROJECT	

CONTRACT NO. 60C01

 AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION. EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PISHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:

- A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
- B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
- C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
- E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- 3. THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- 4. THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

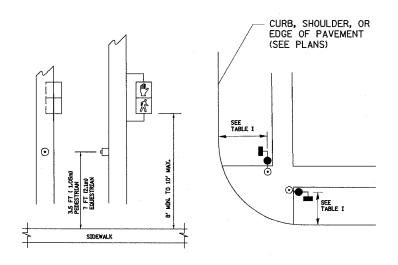


TABLE I

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

REVISIONS
NAME
DATE

DISTRICT ONE

STANDARD TRAFFIC SIGNAL

DESIGN DETAILS

19. SET ON TWELL STREET

PALATINE, ILLINOIS 60067

VOICE, 847-776-7200 FAX: 847-776-7239

DATE 10-23-06

REVISIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE

STANDARD TRAFFIC SIGNAL

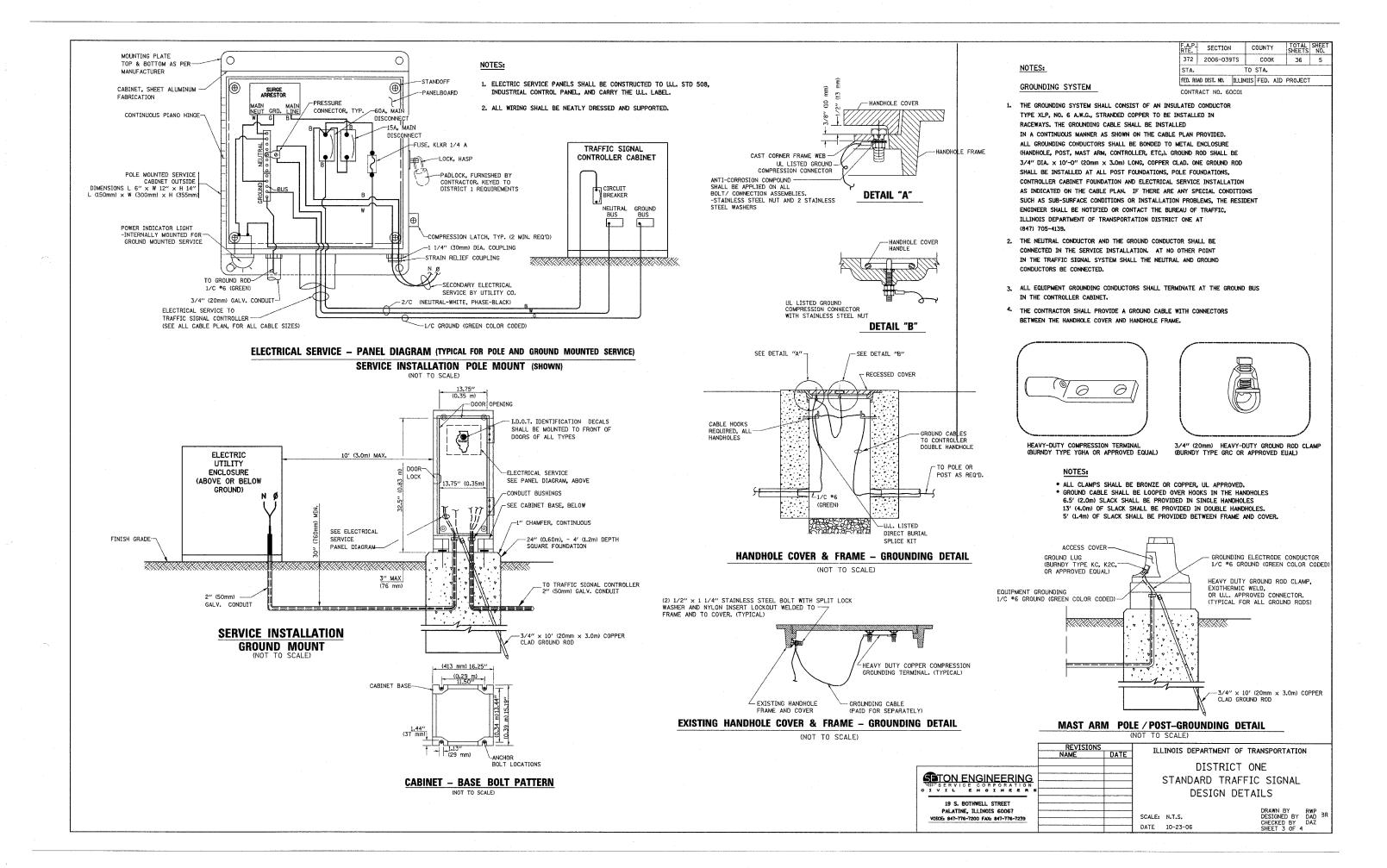
DESIGN DETAILS

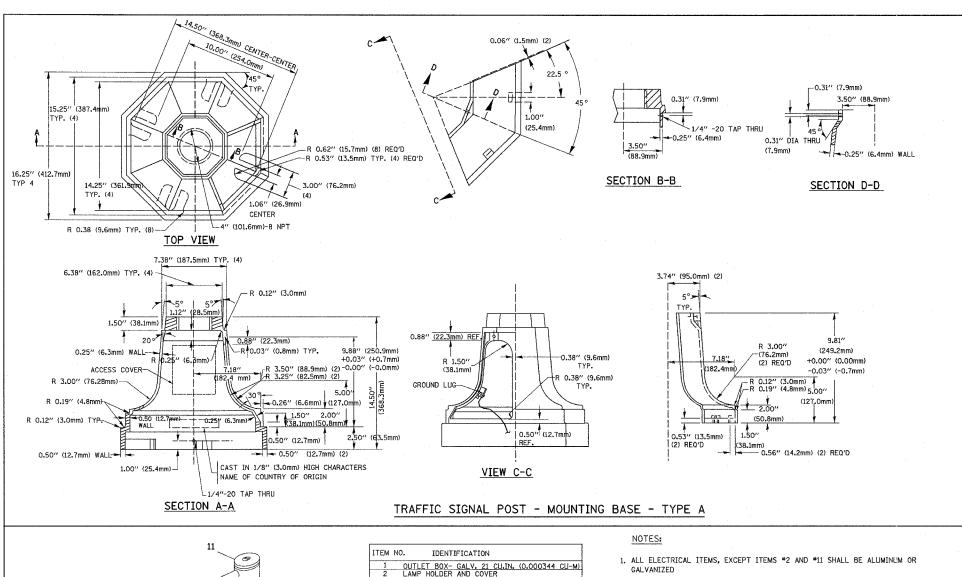
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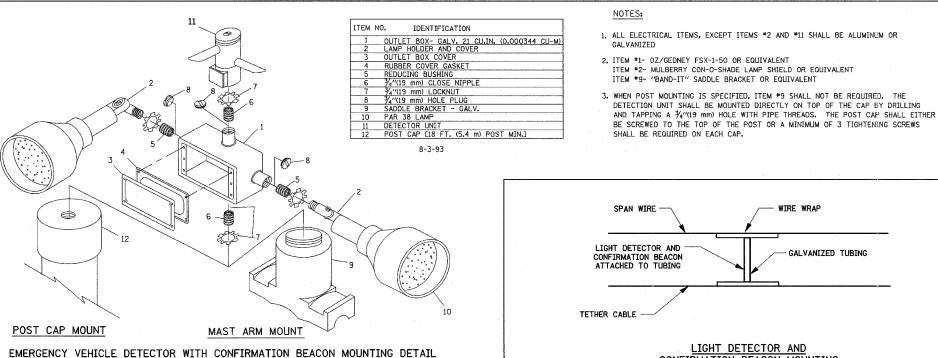
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DATE 10-23-06

SHEET 2 OF 4

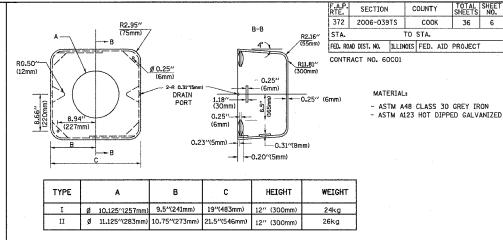




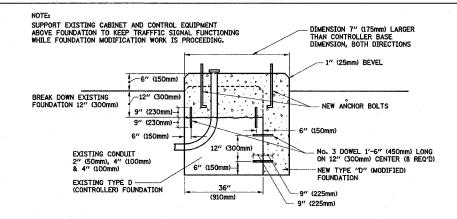


CONFIRMATION BEACON MOUNTING FOR TEMPORARY TRAFFIC SIGNALS

(NOT TO SCALE)

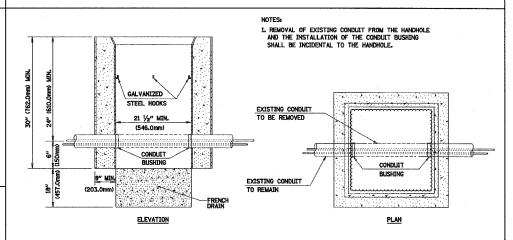


SHROUD DETAIL



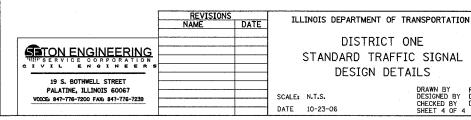
MODIFY EXISTING TYPE "D" FOUNDATION

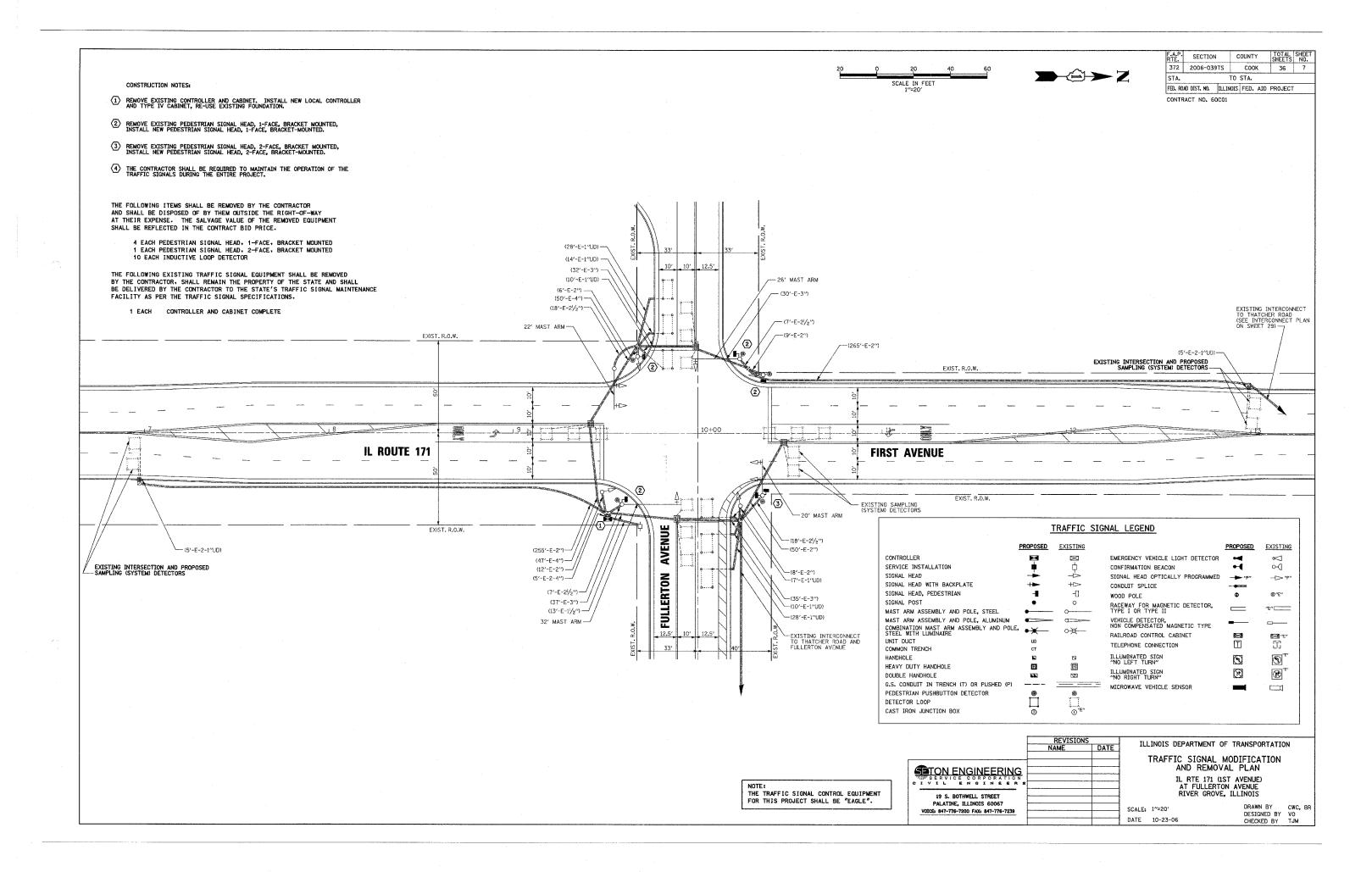
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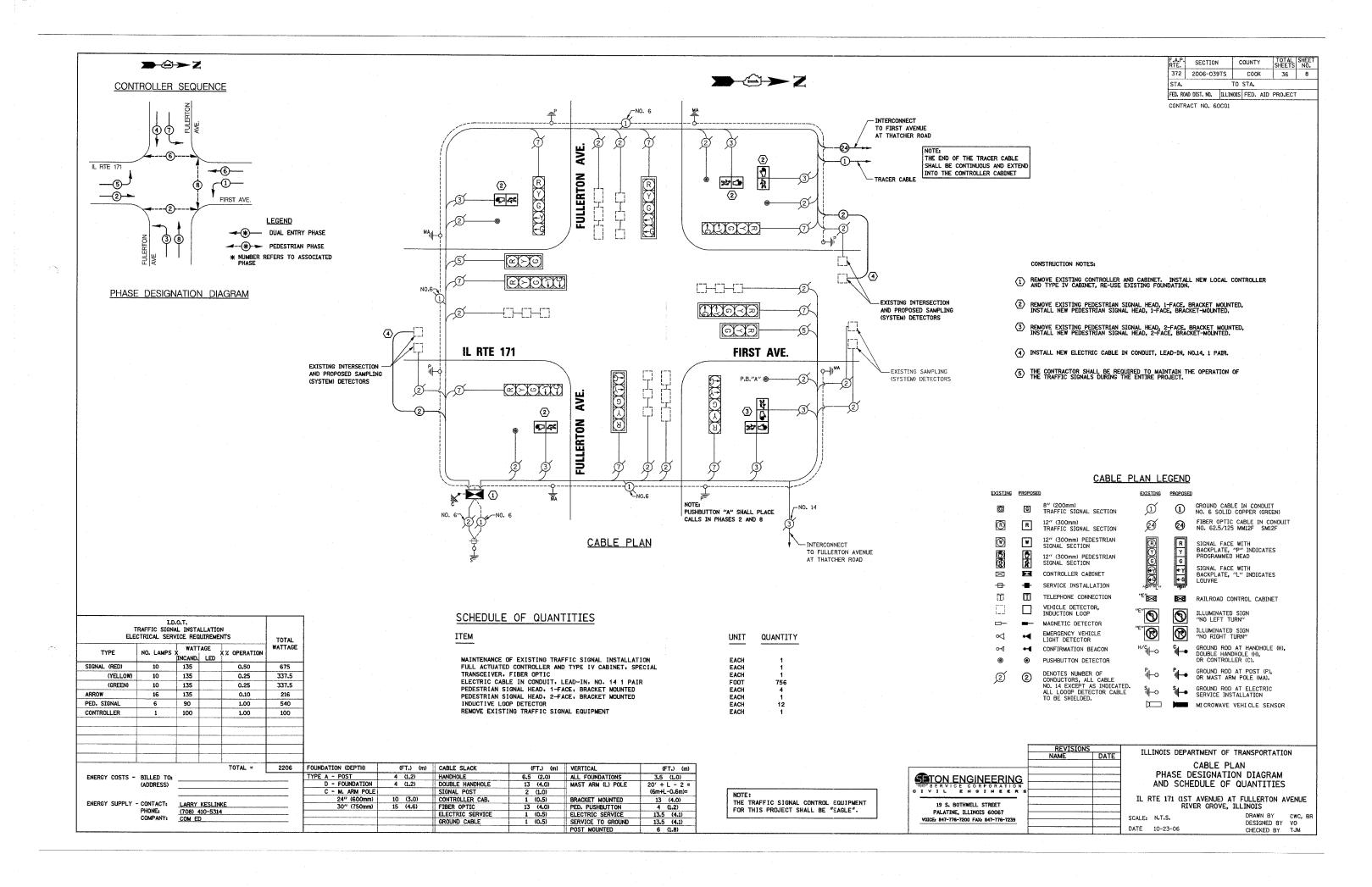


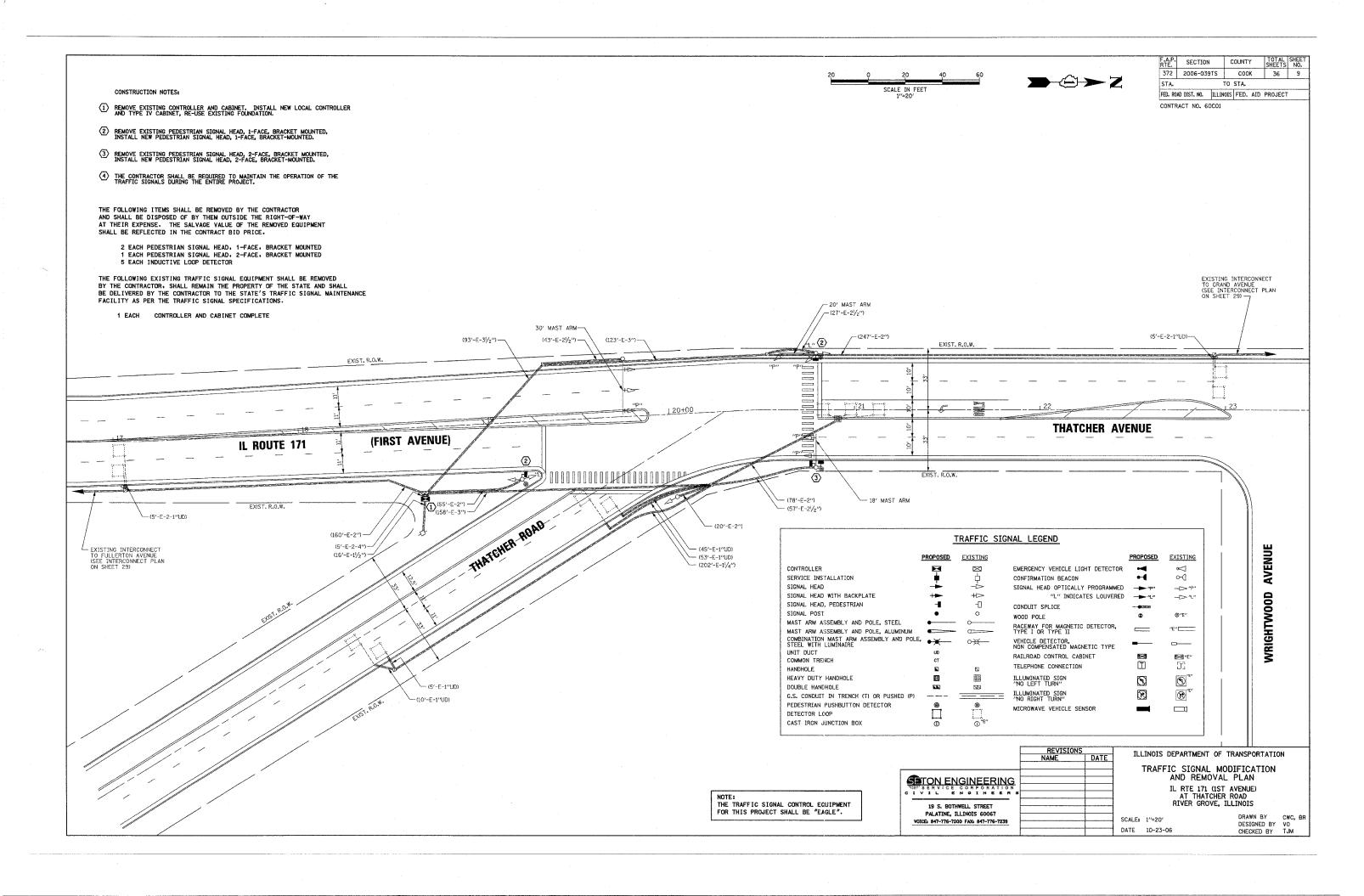
DETAIL HANDHOLE TO INTERCEPT EXISTING CONDUIT

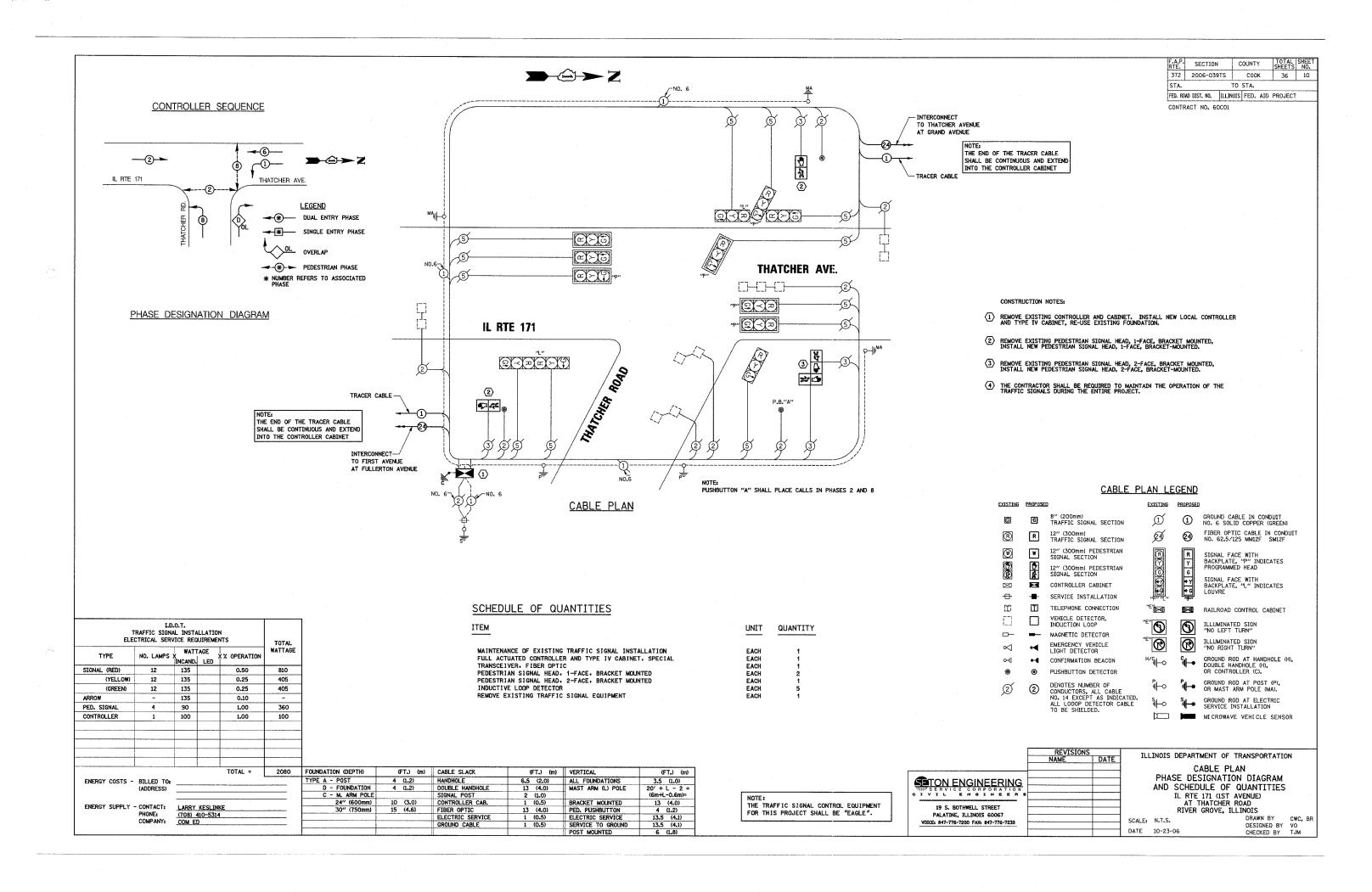
DRAWN BY RWP
DESIGNED BY DAD
CHECKED BY DAZ
SHEET 4 OF 4

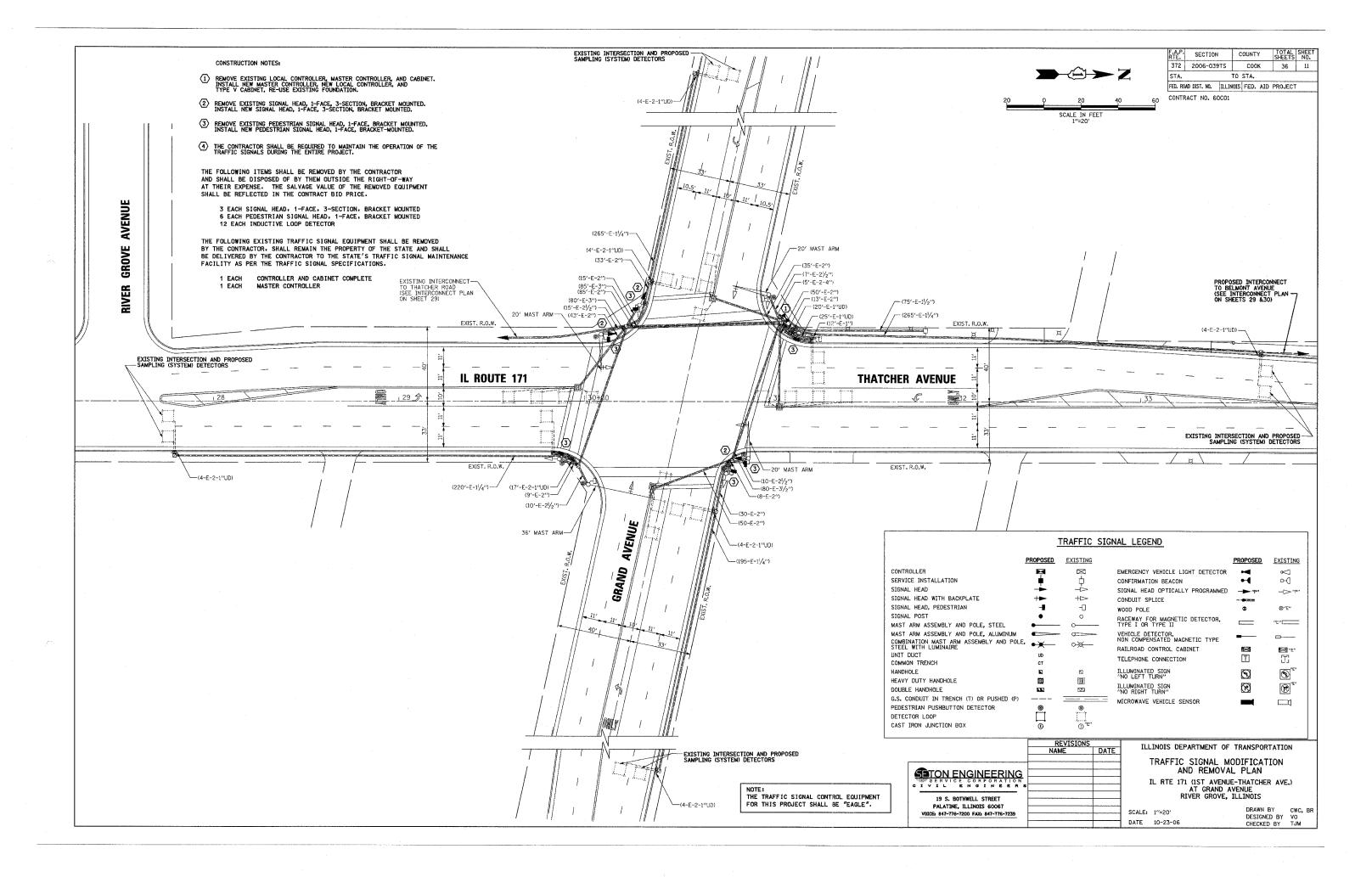


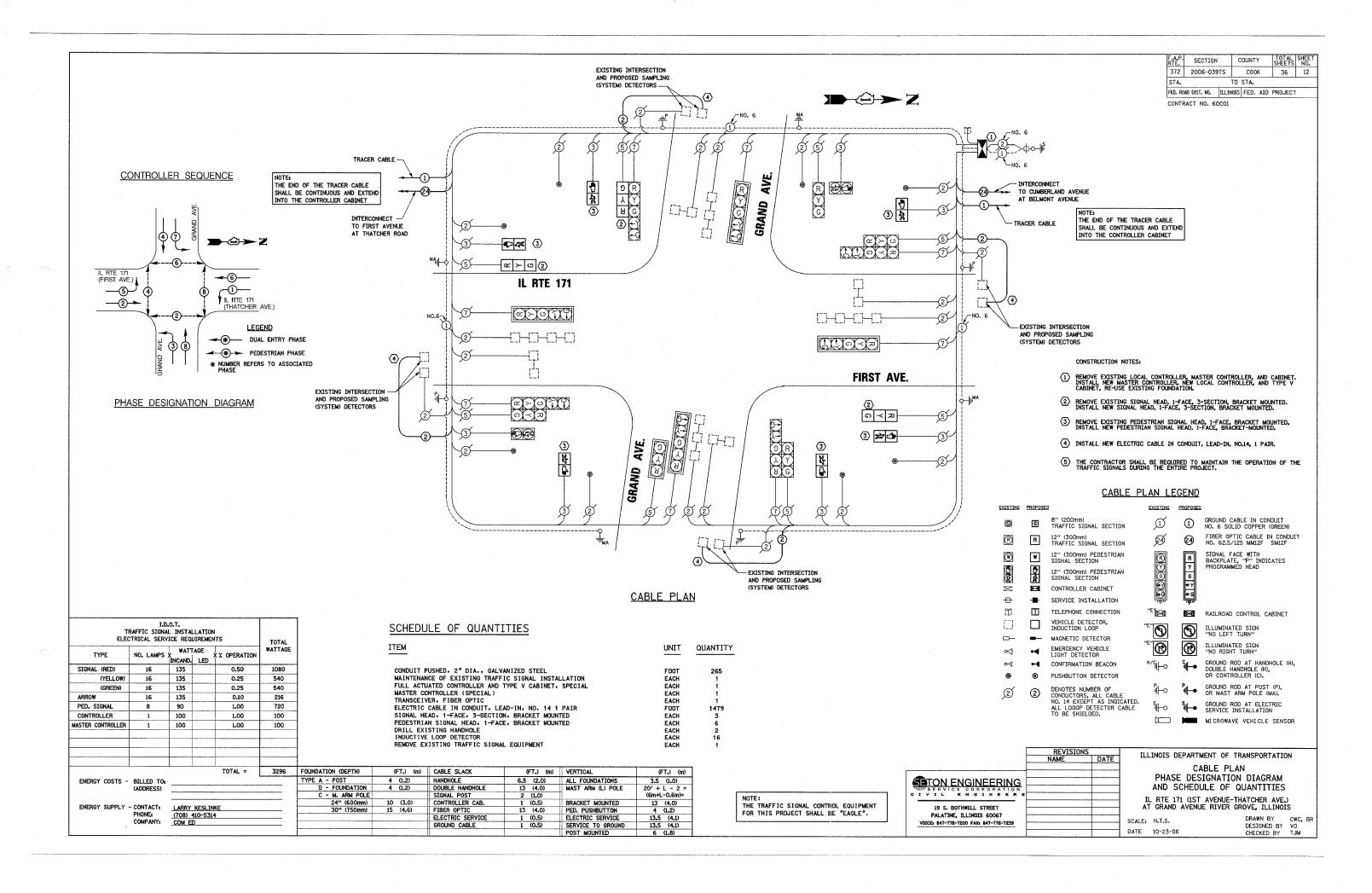


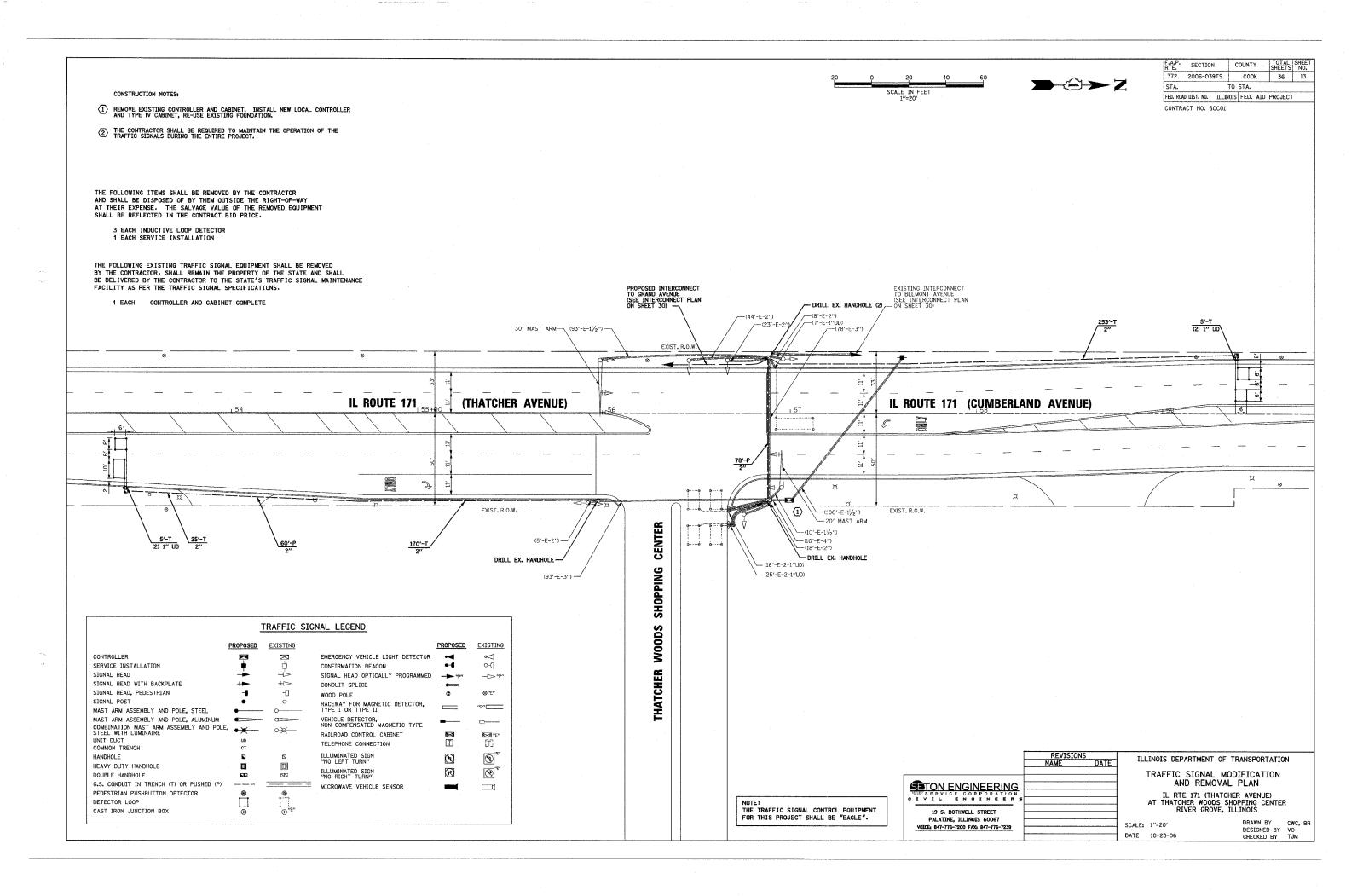


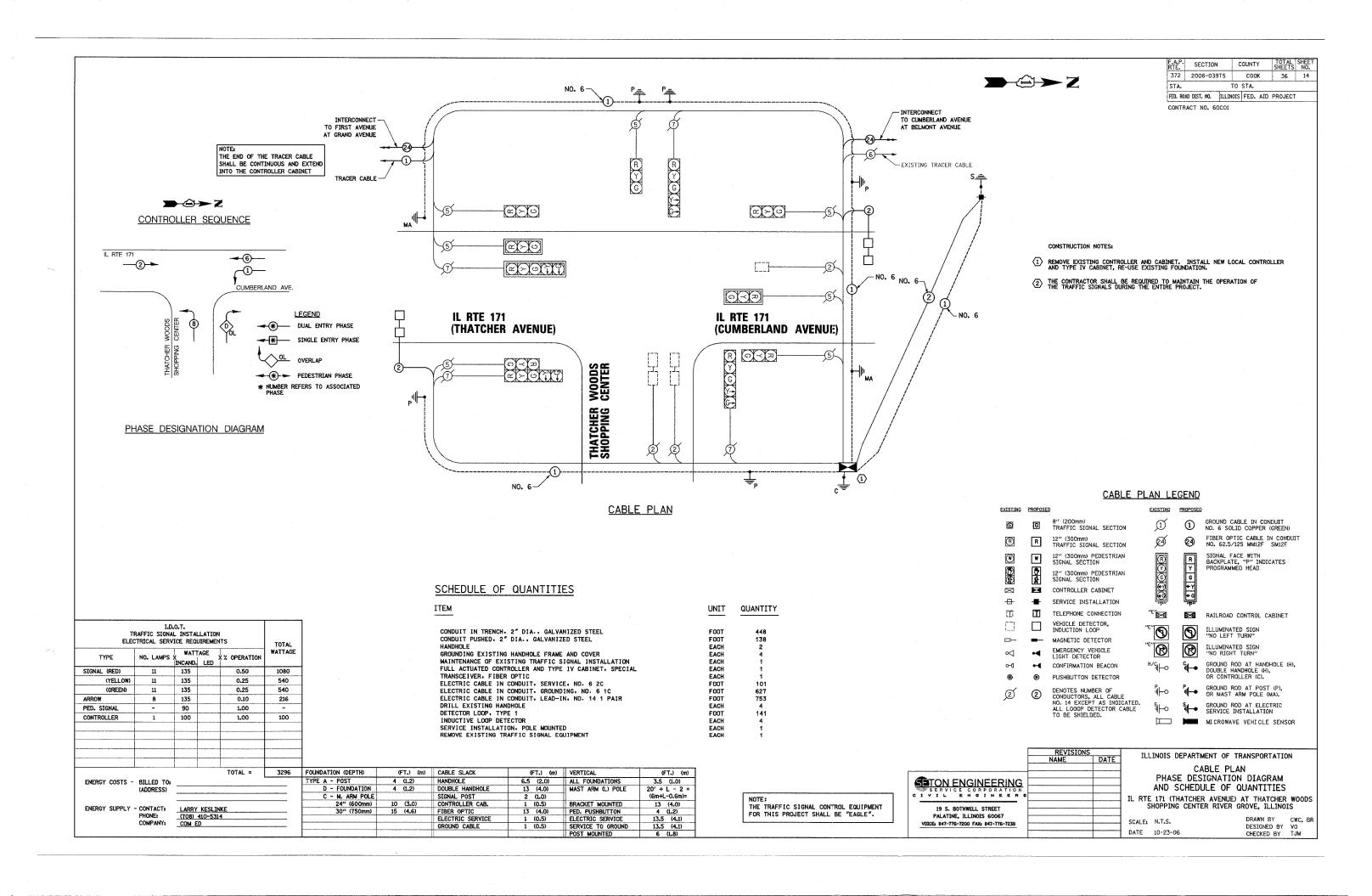


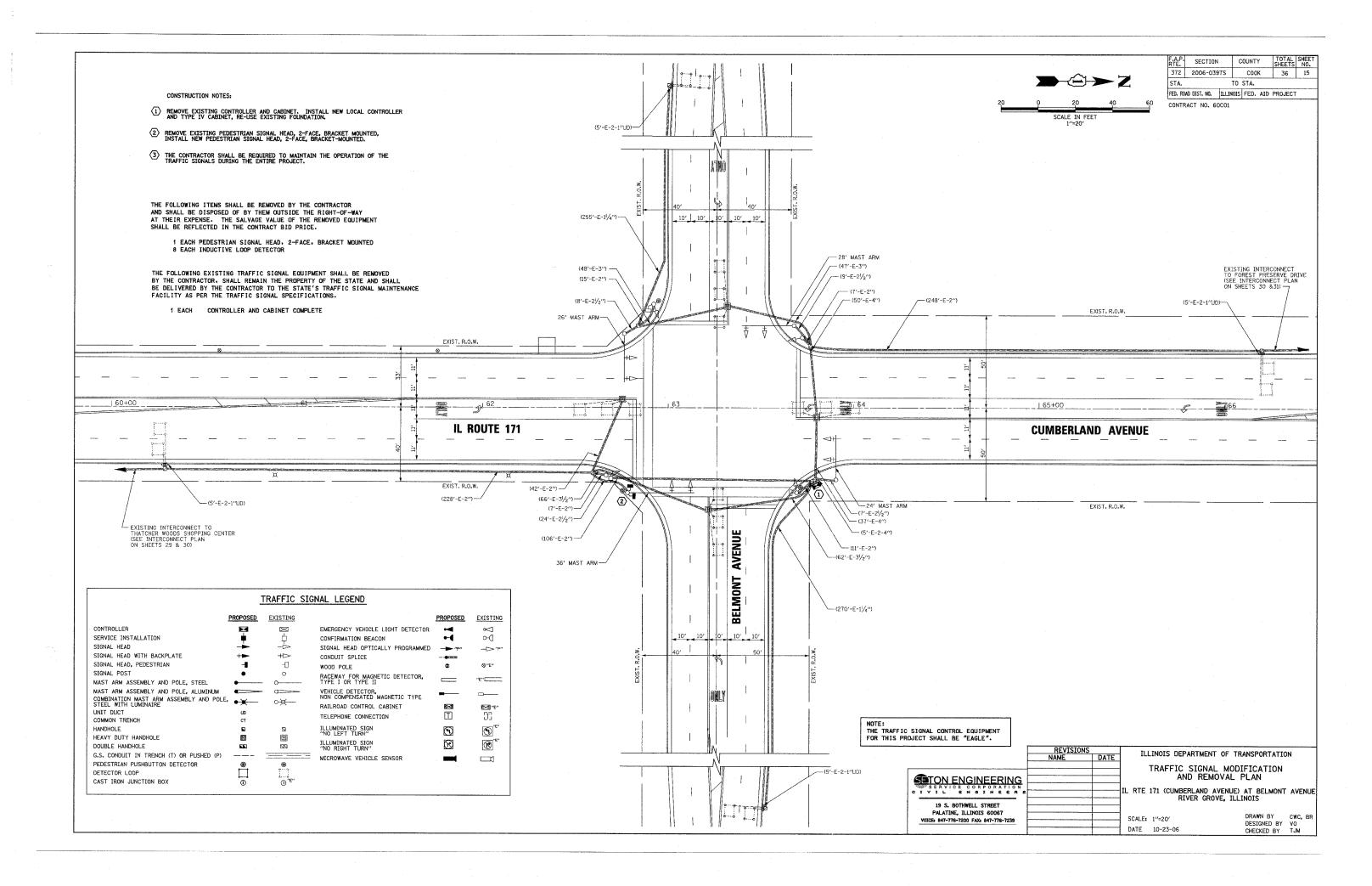


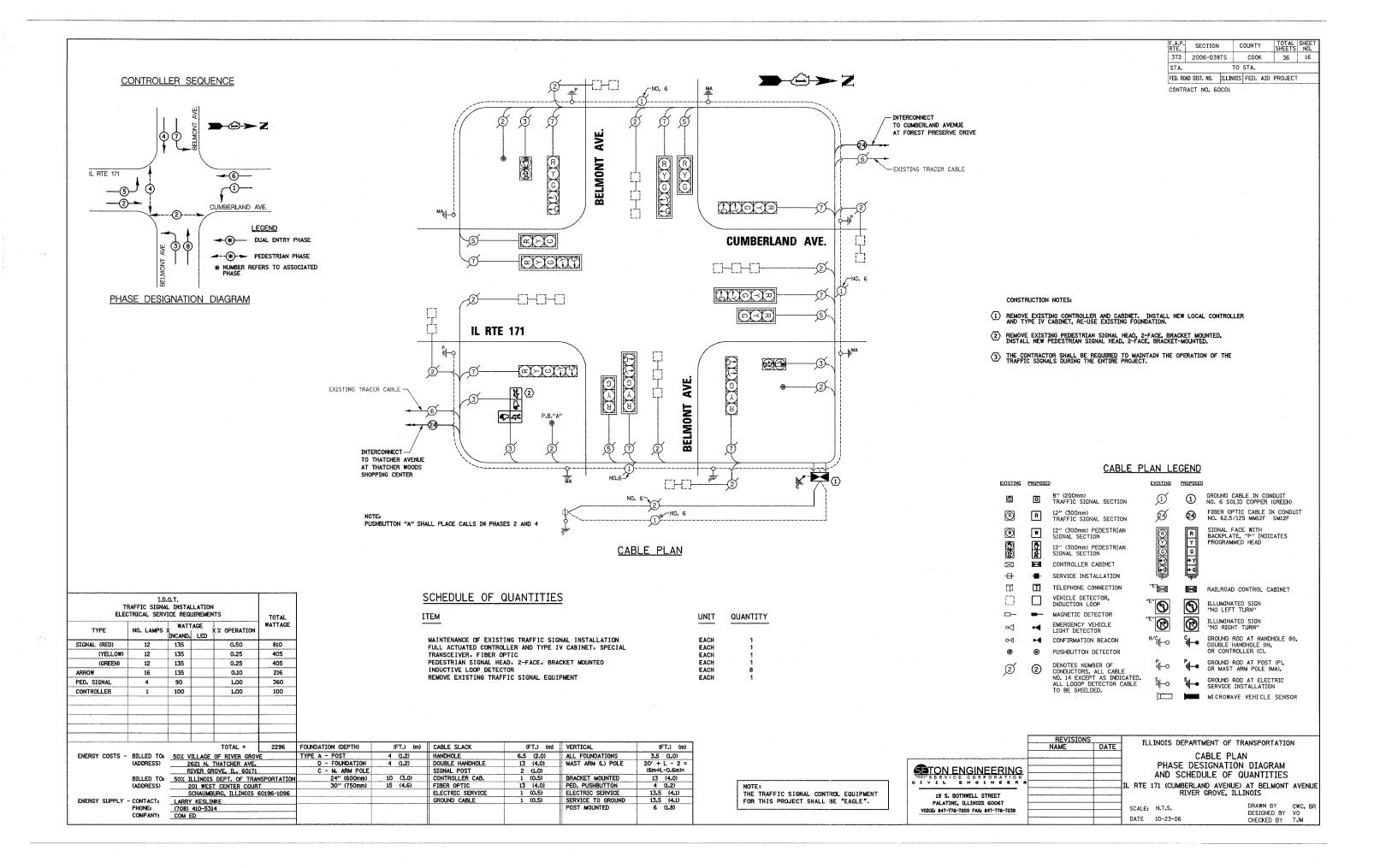


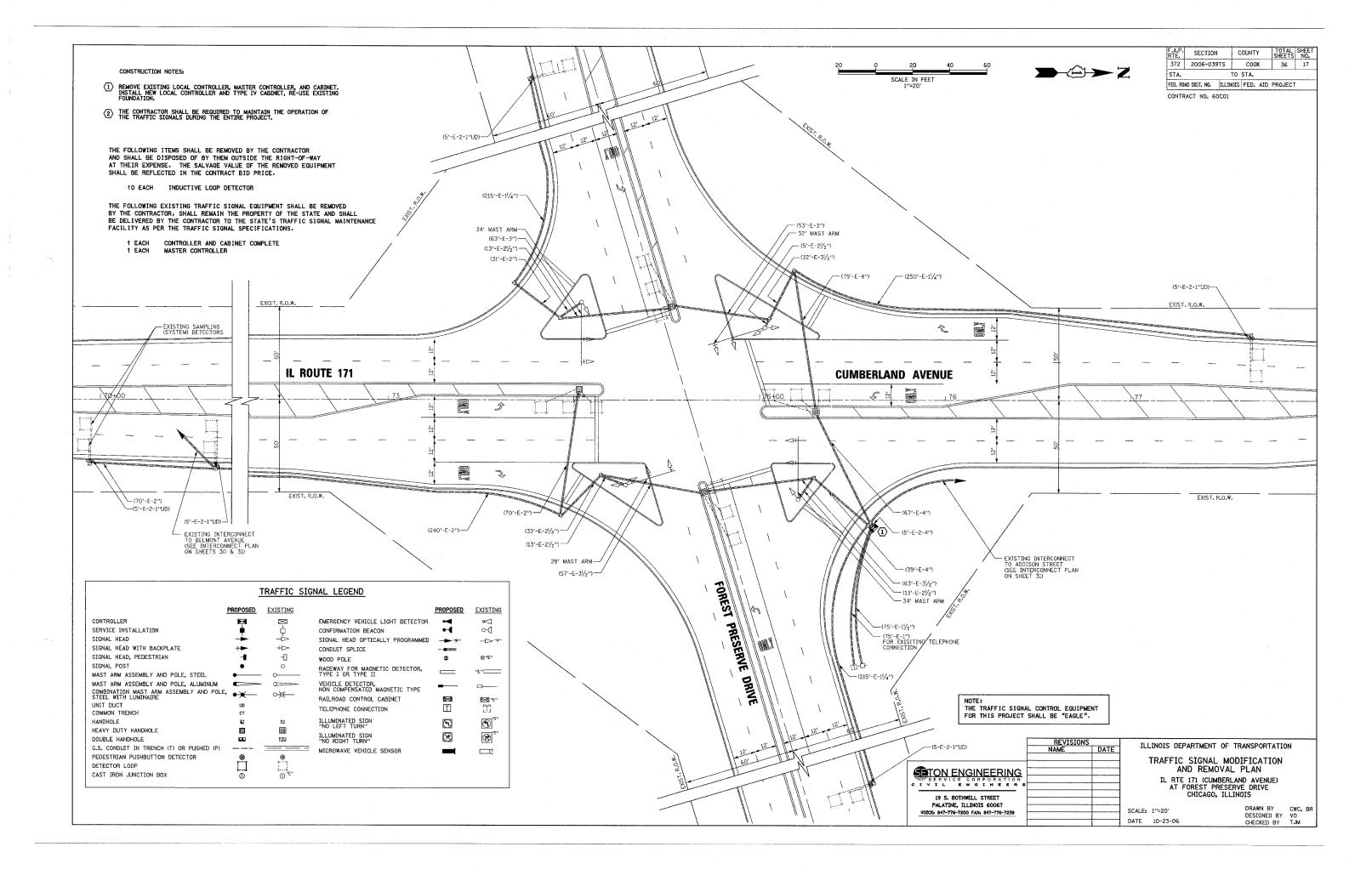


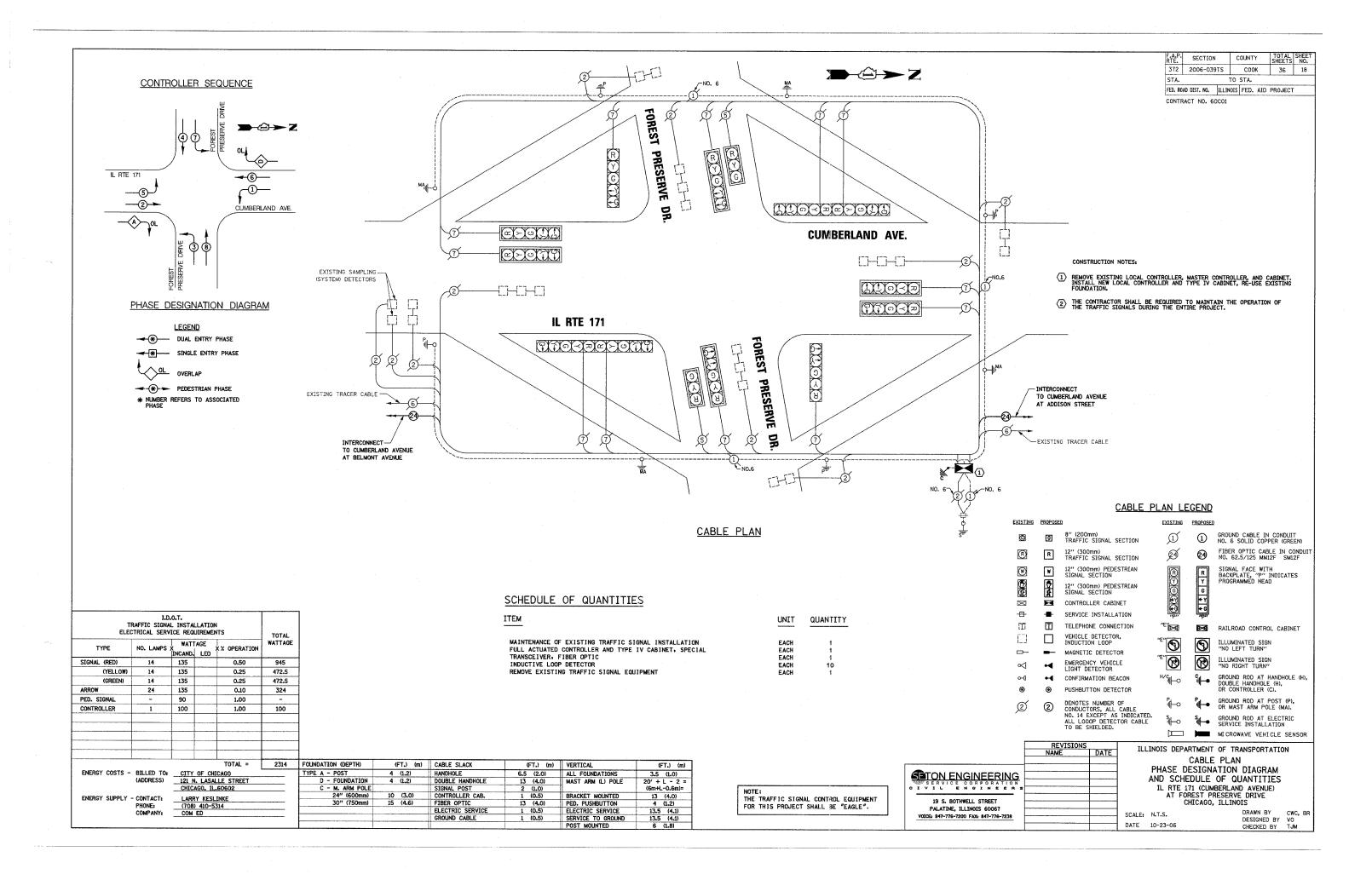


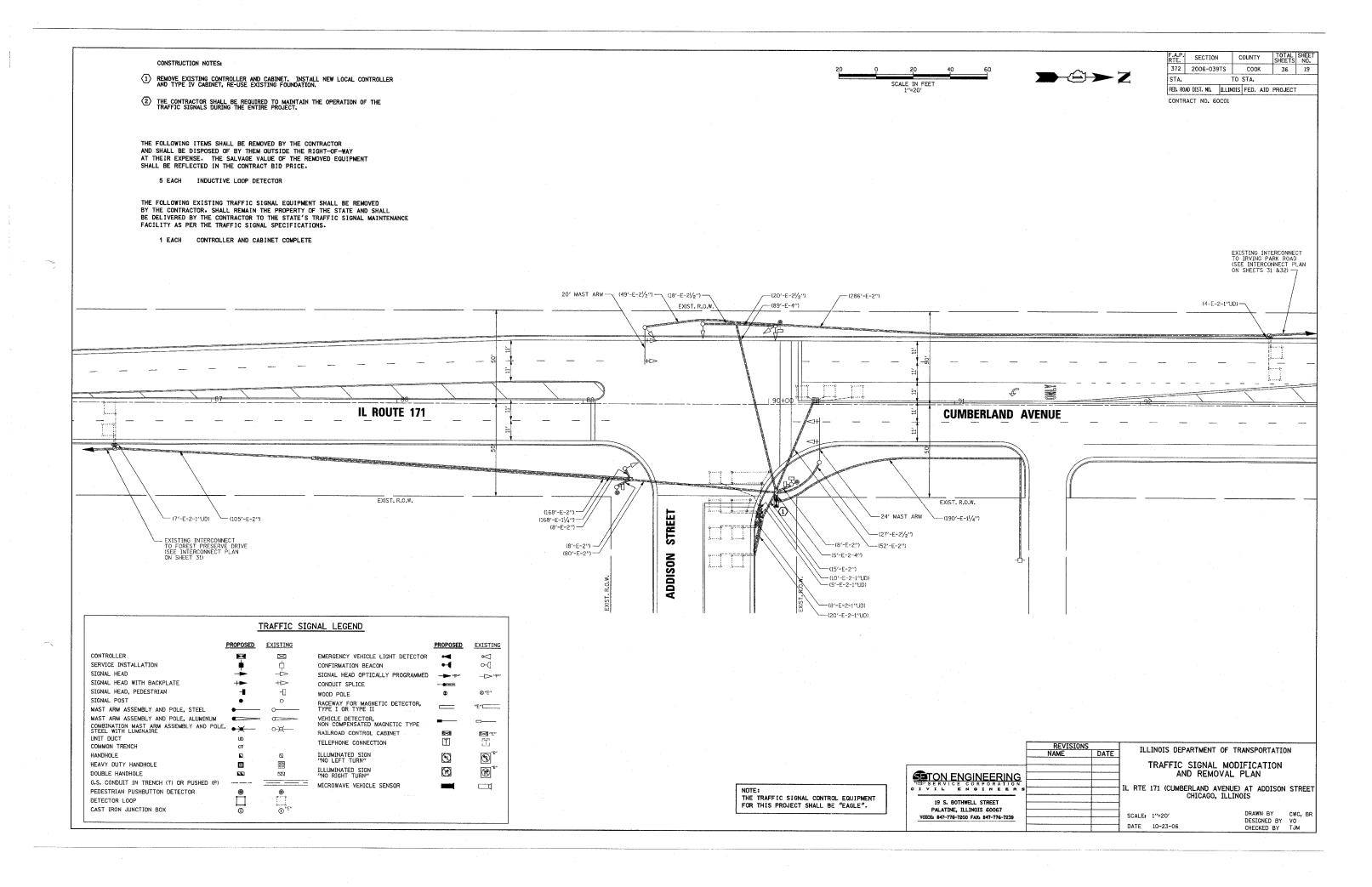


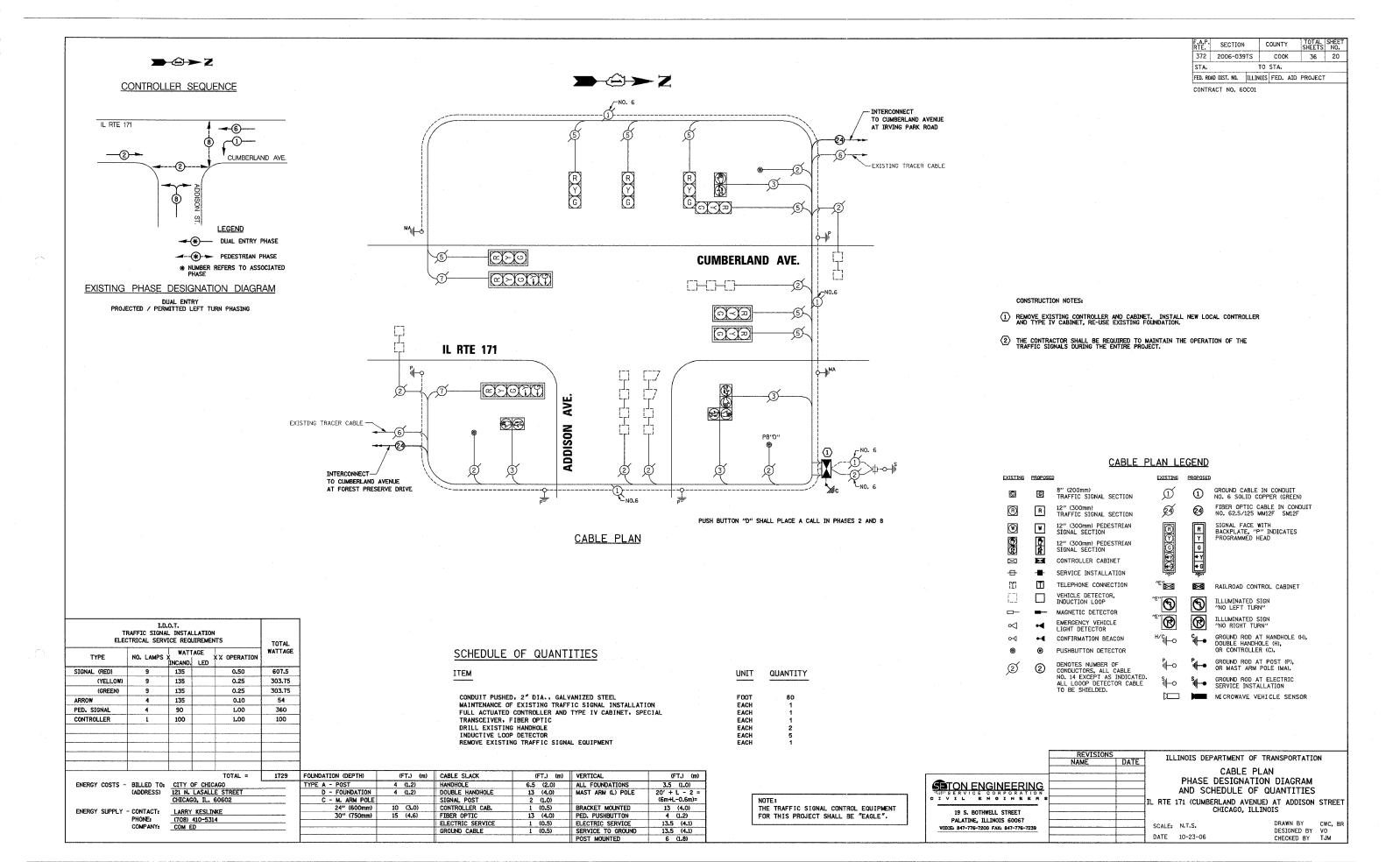


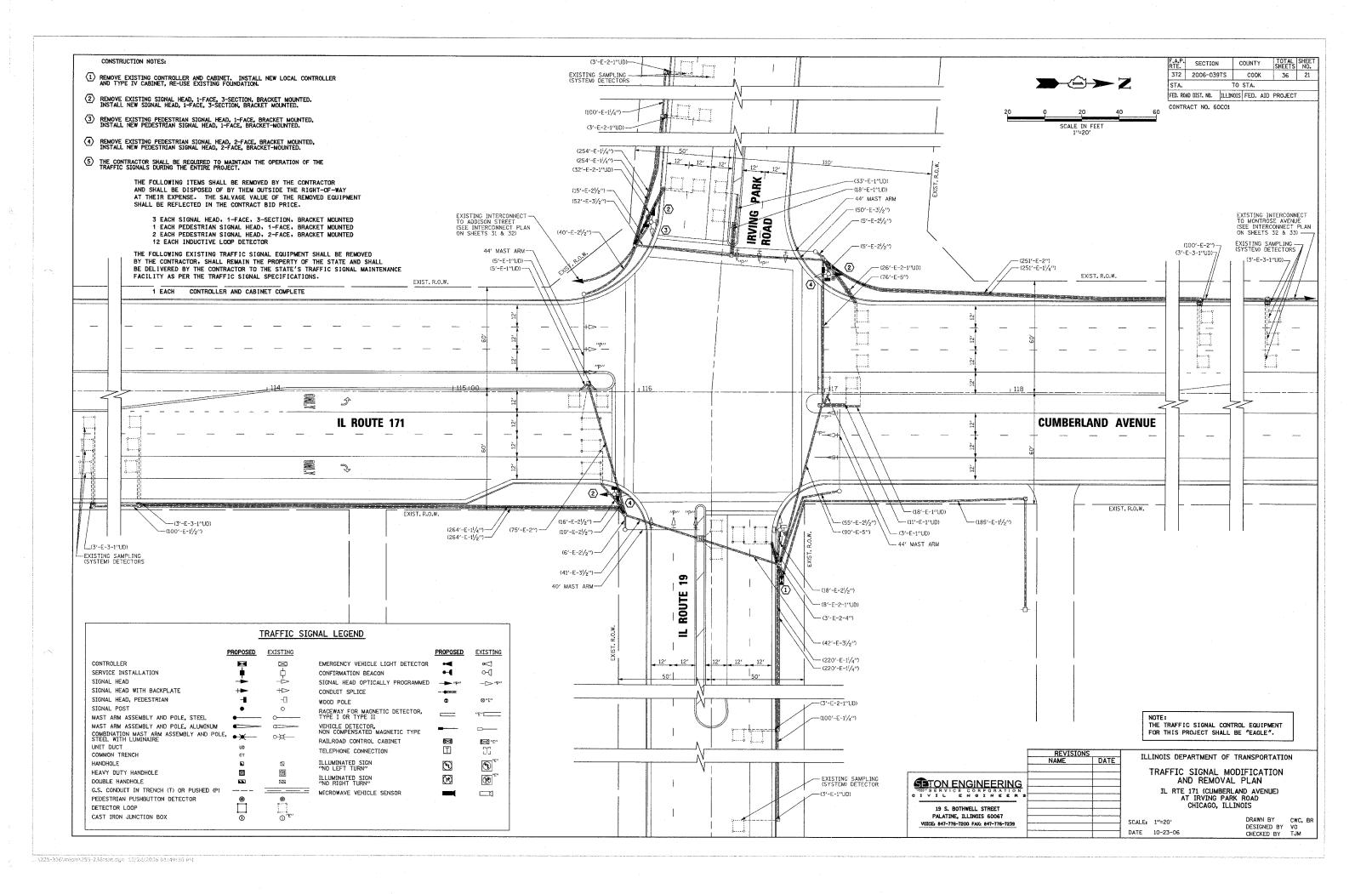


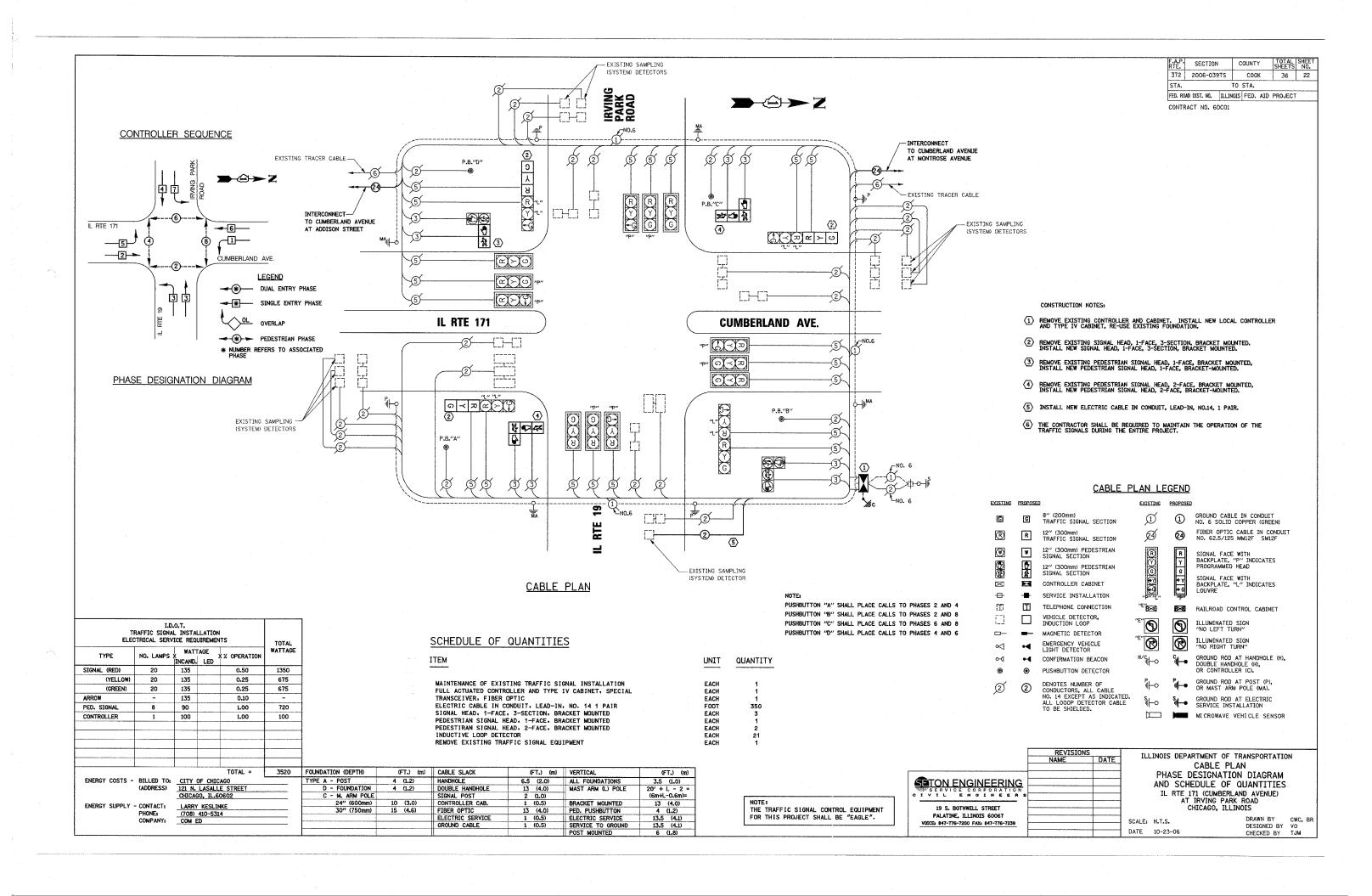


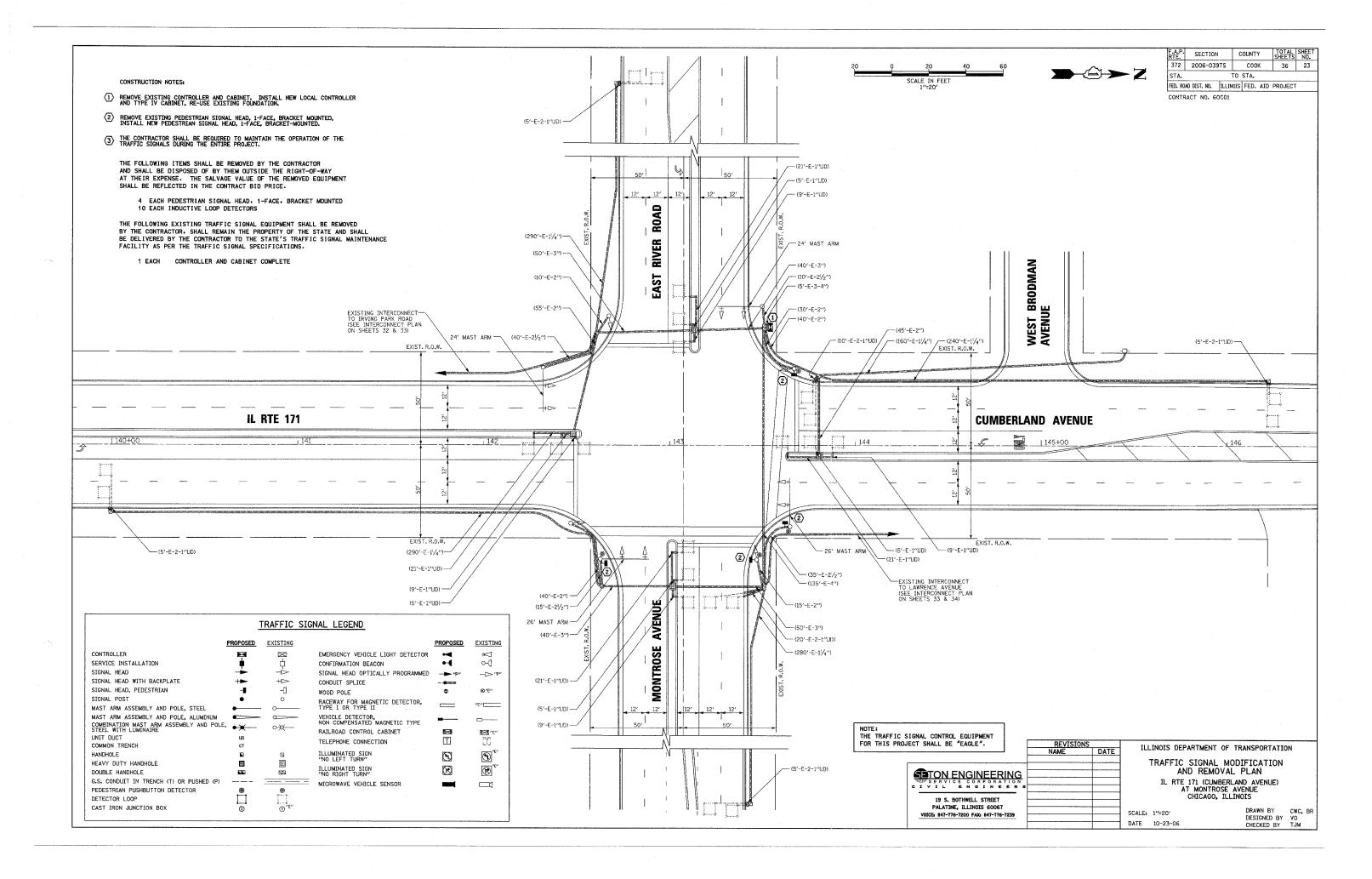


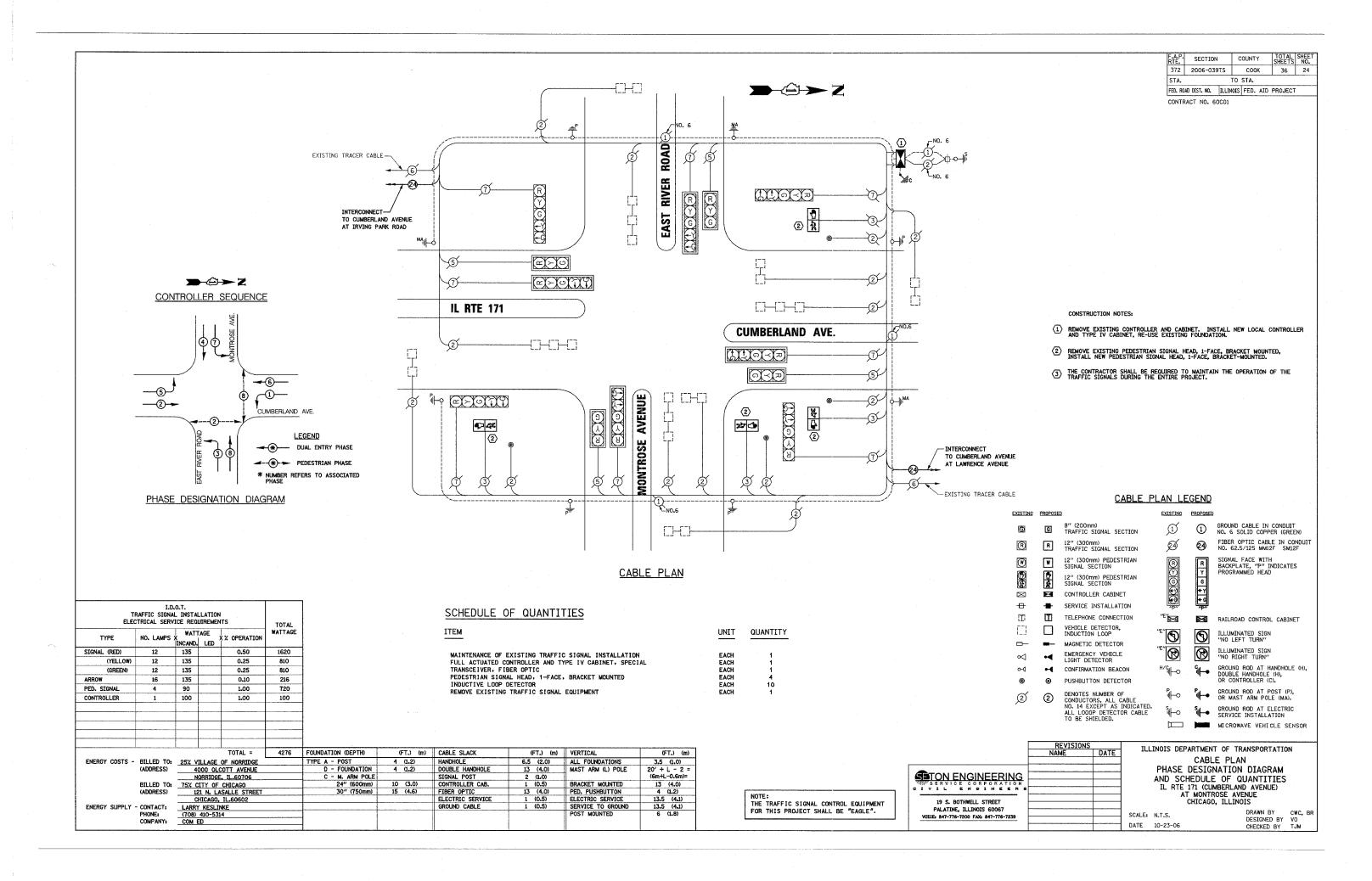


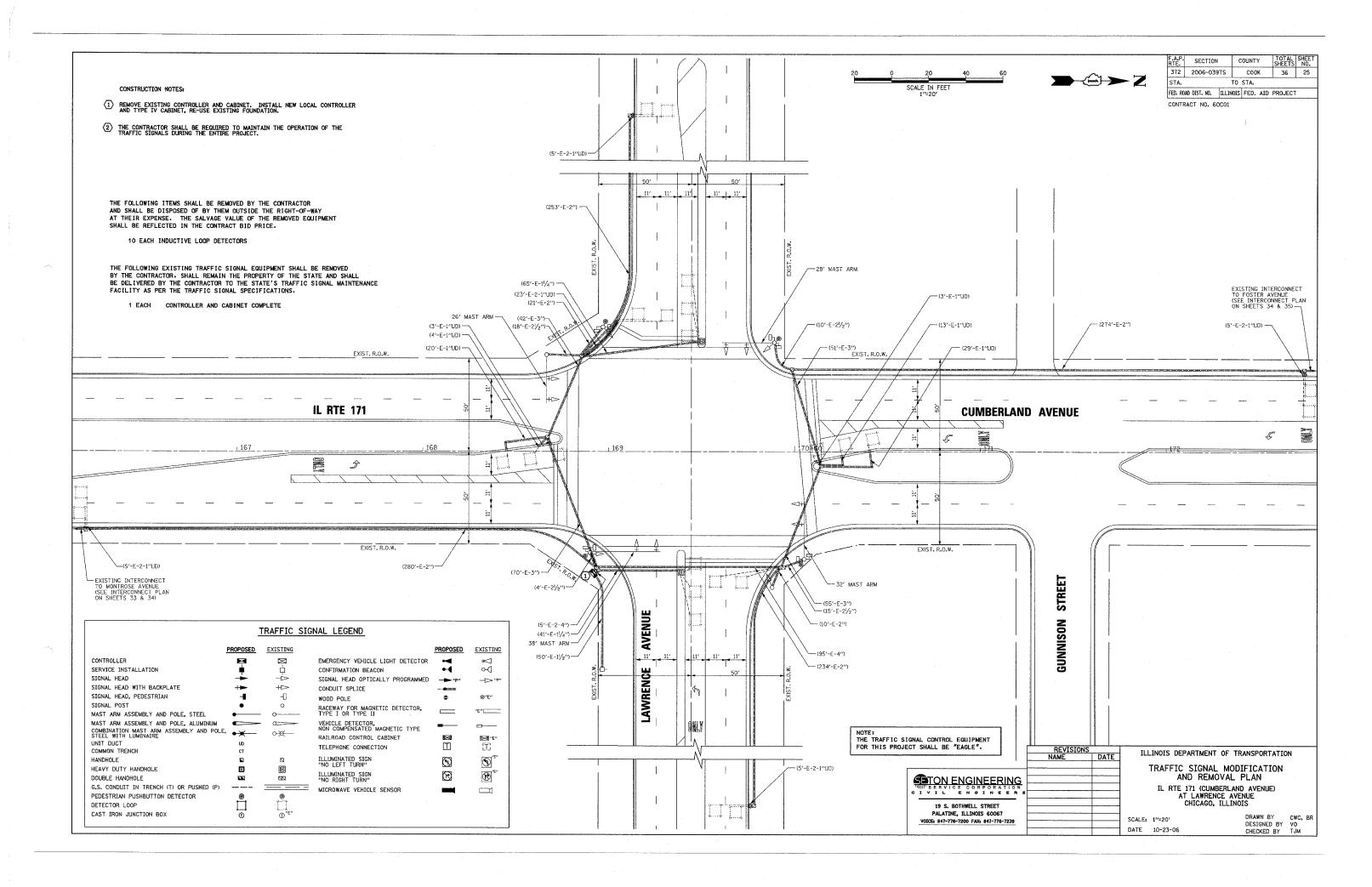


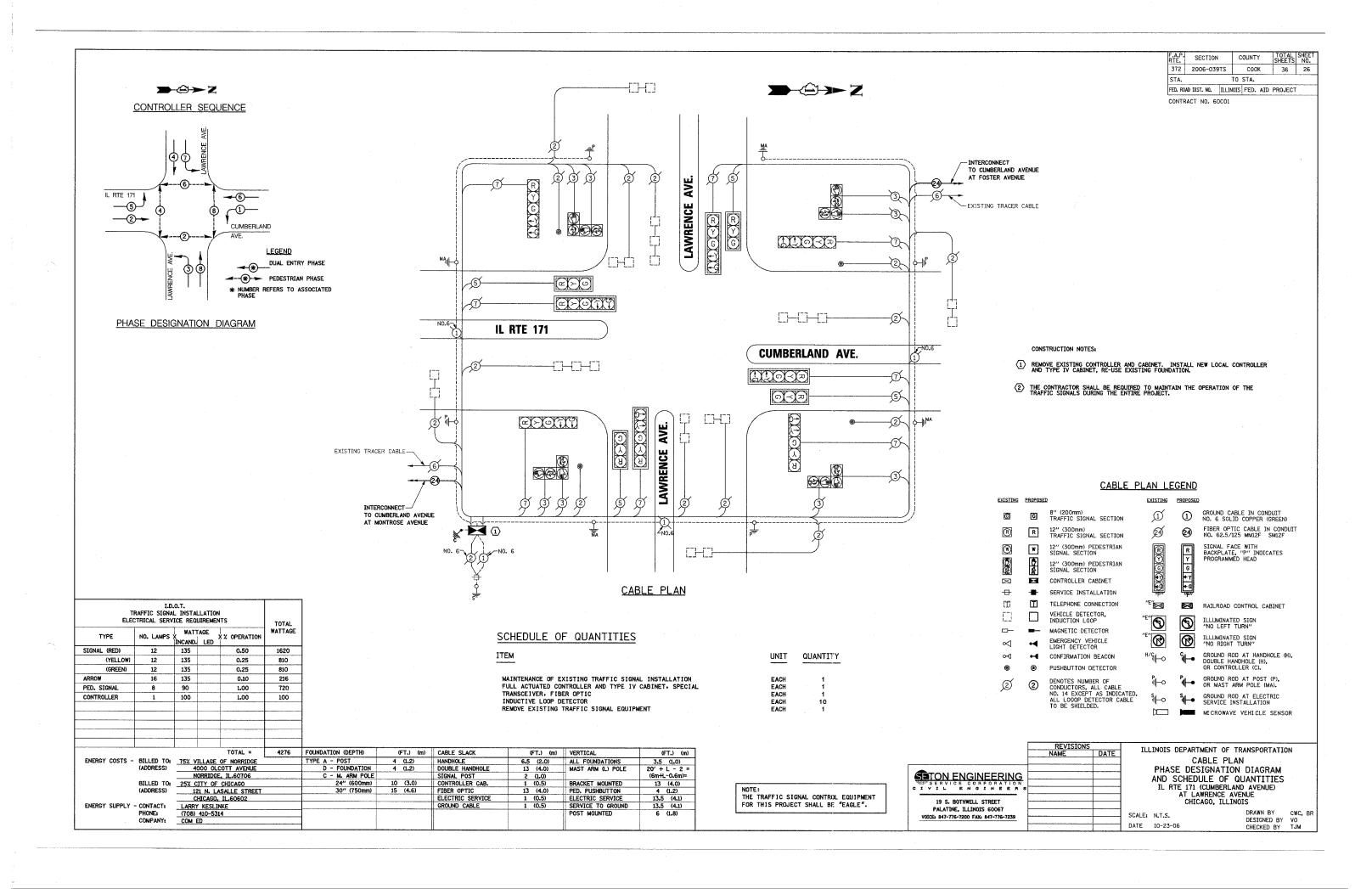


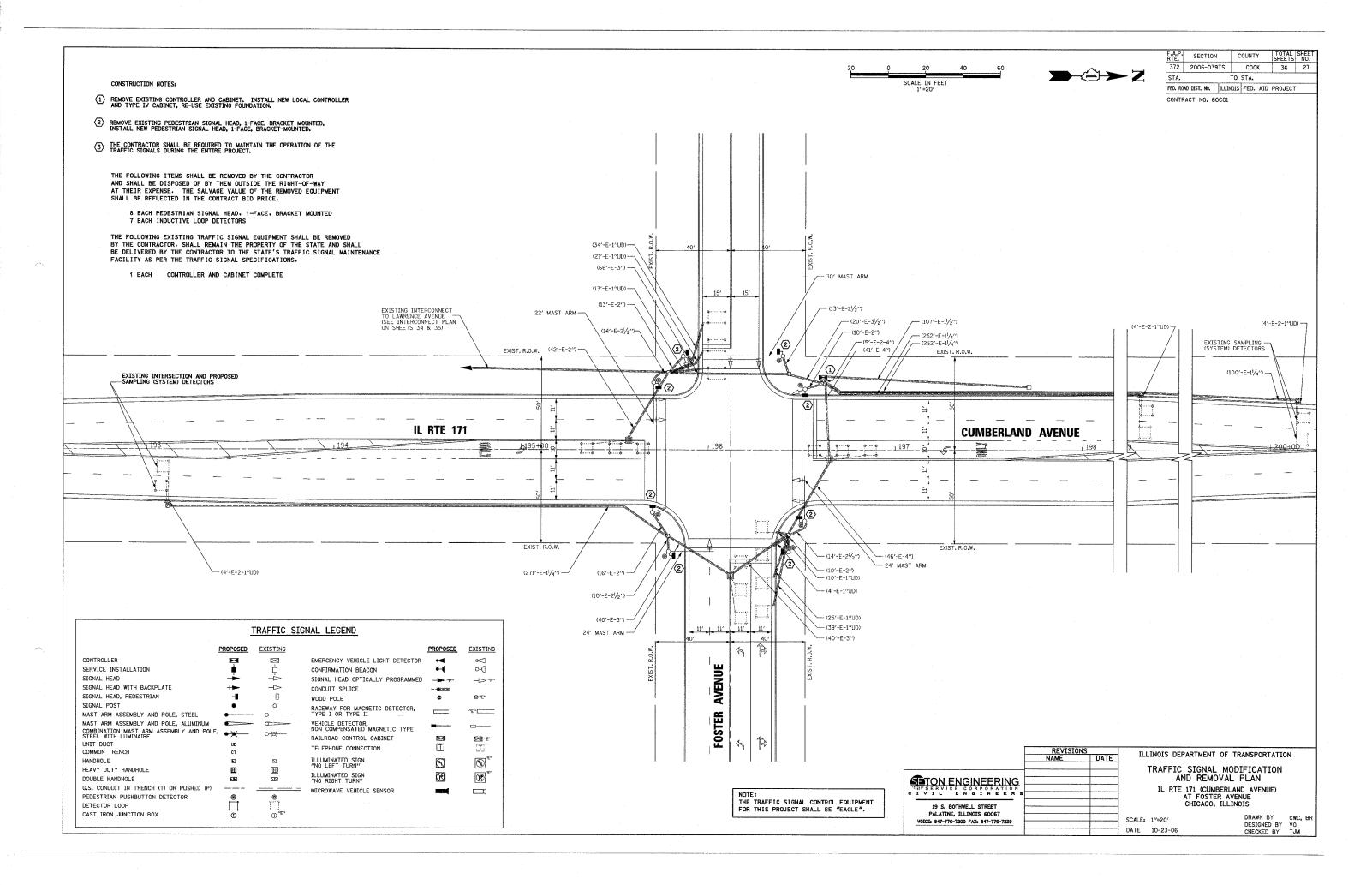


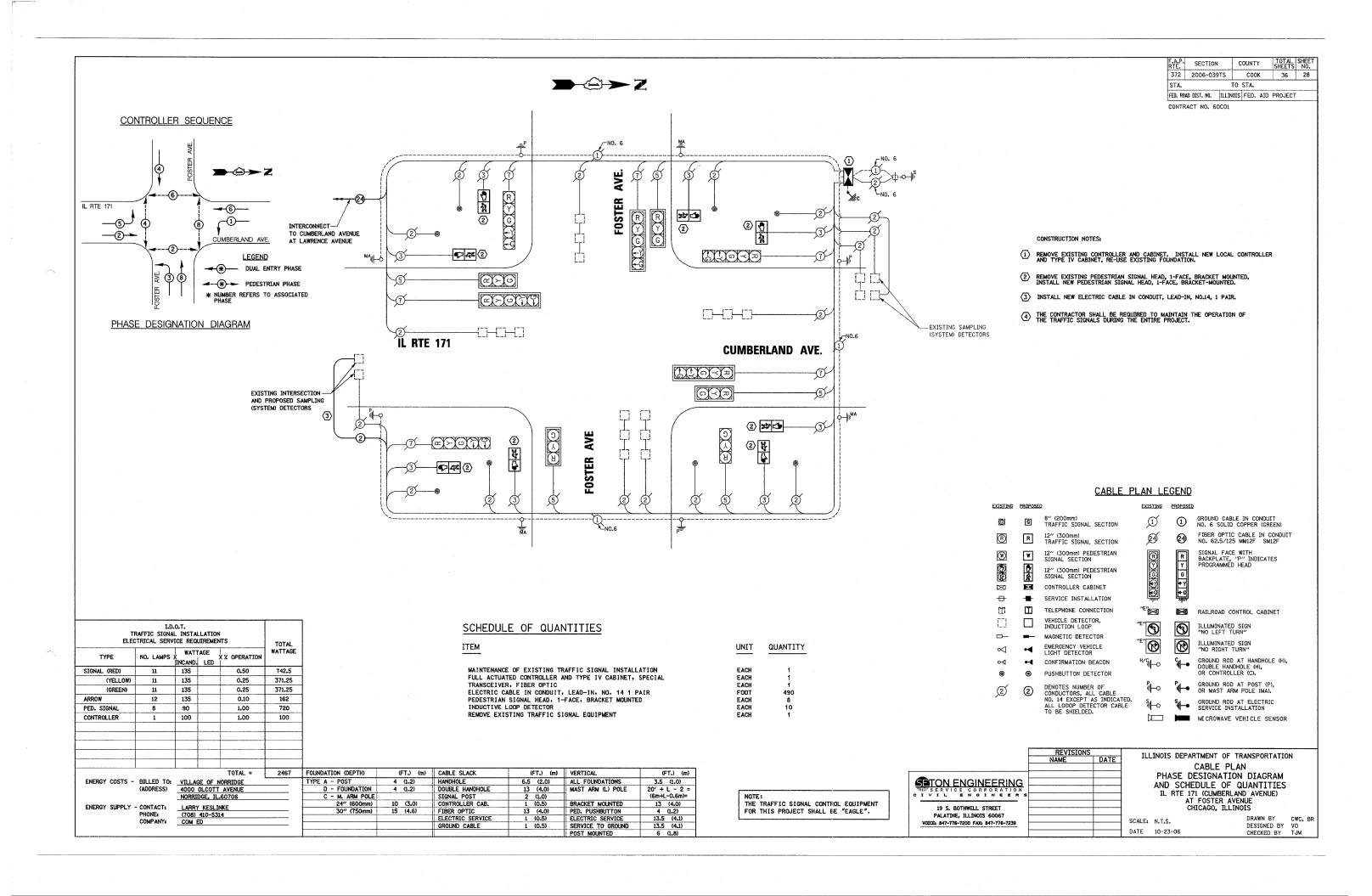


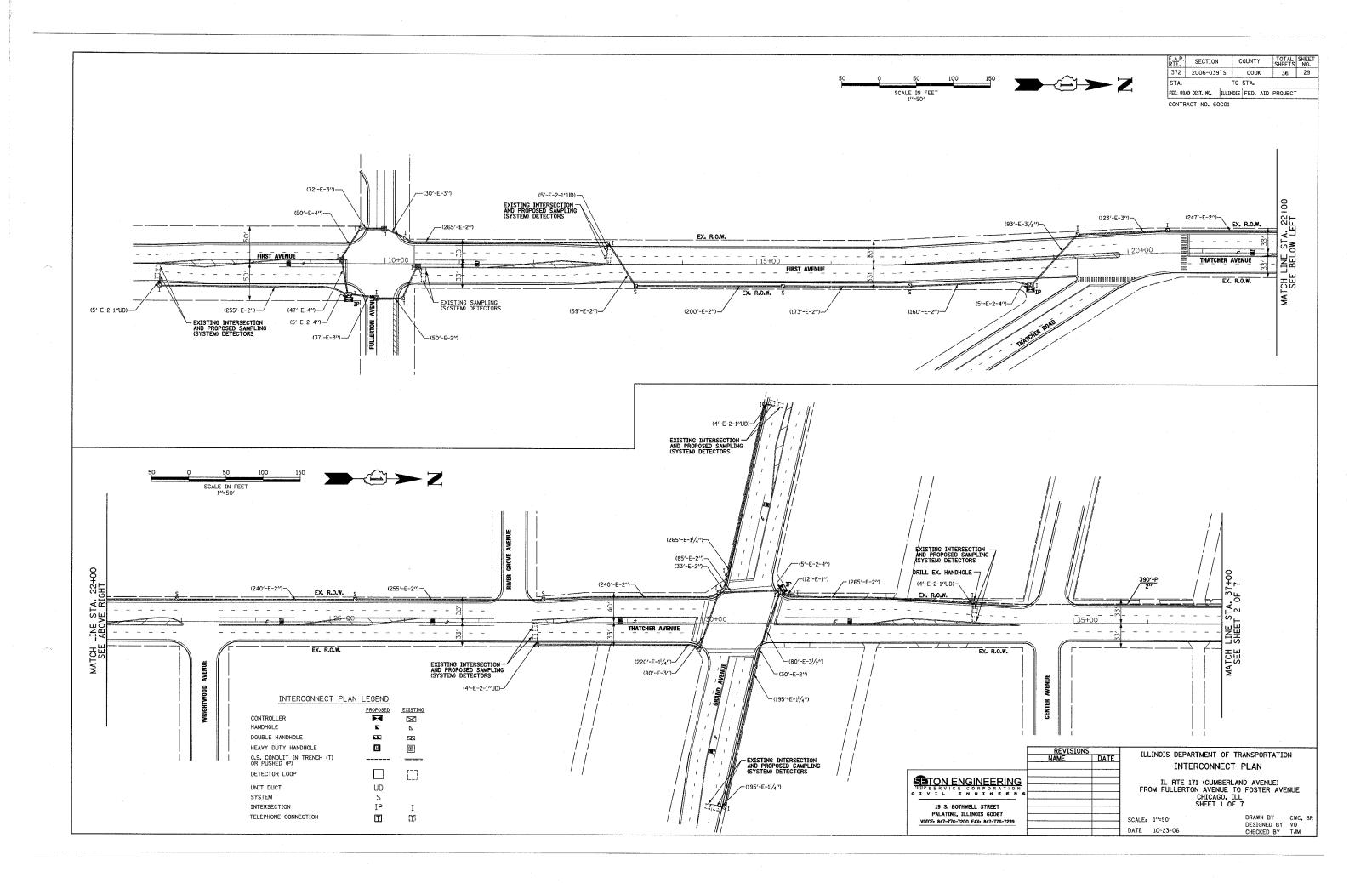


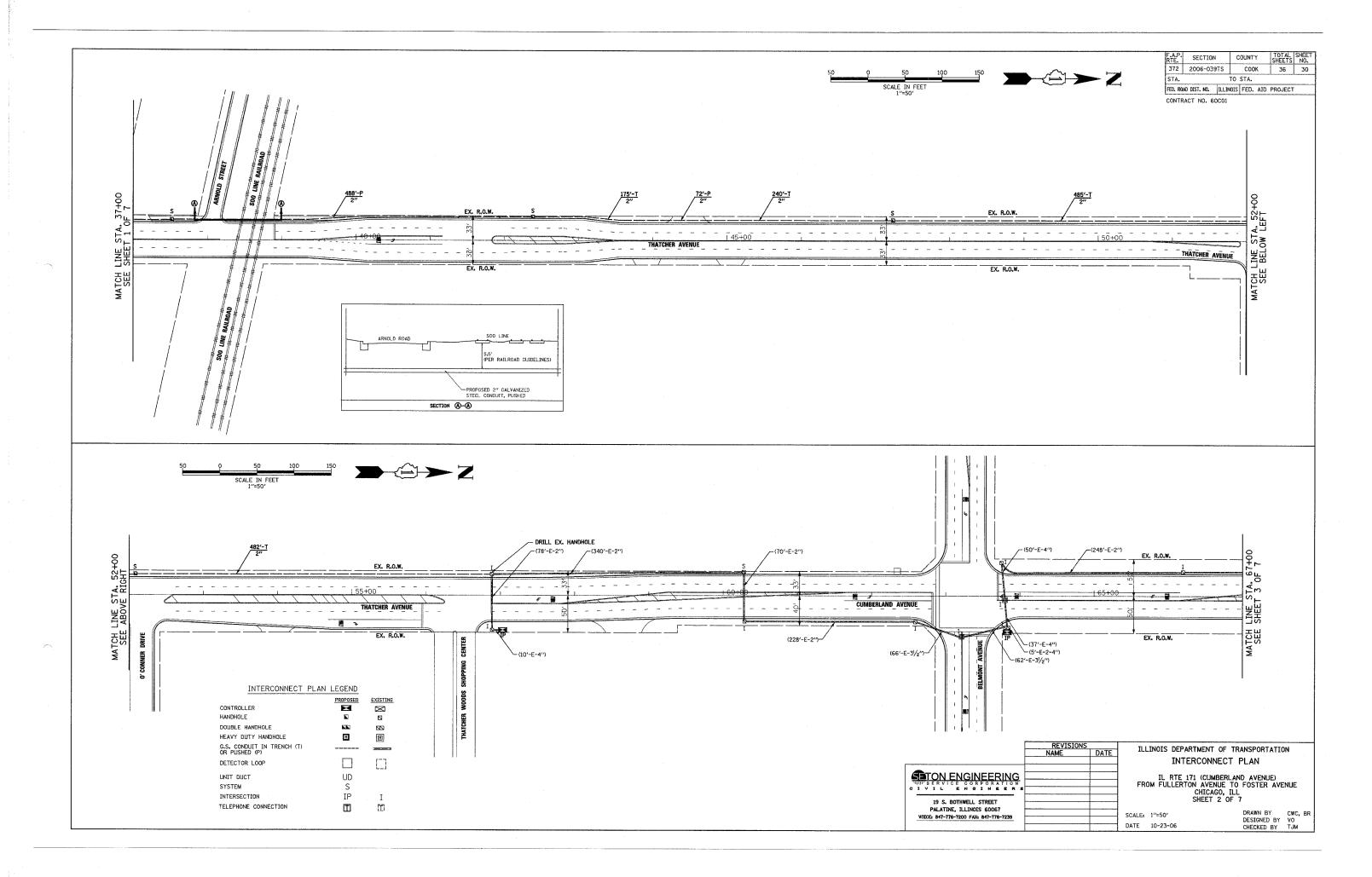


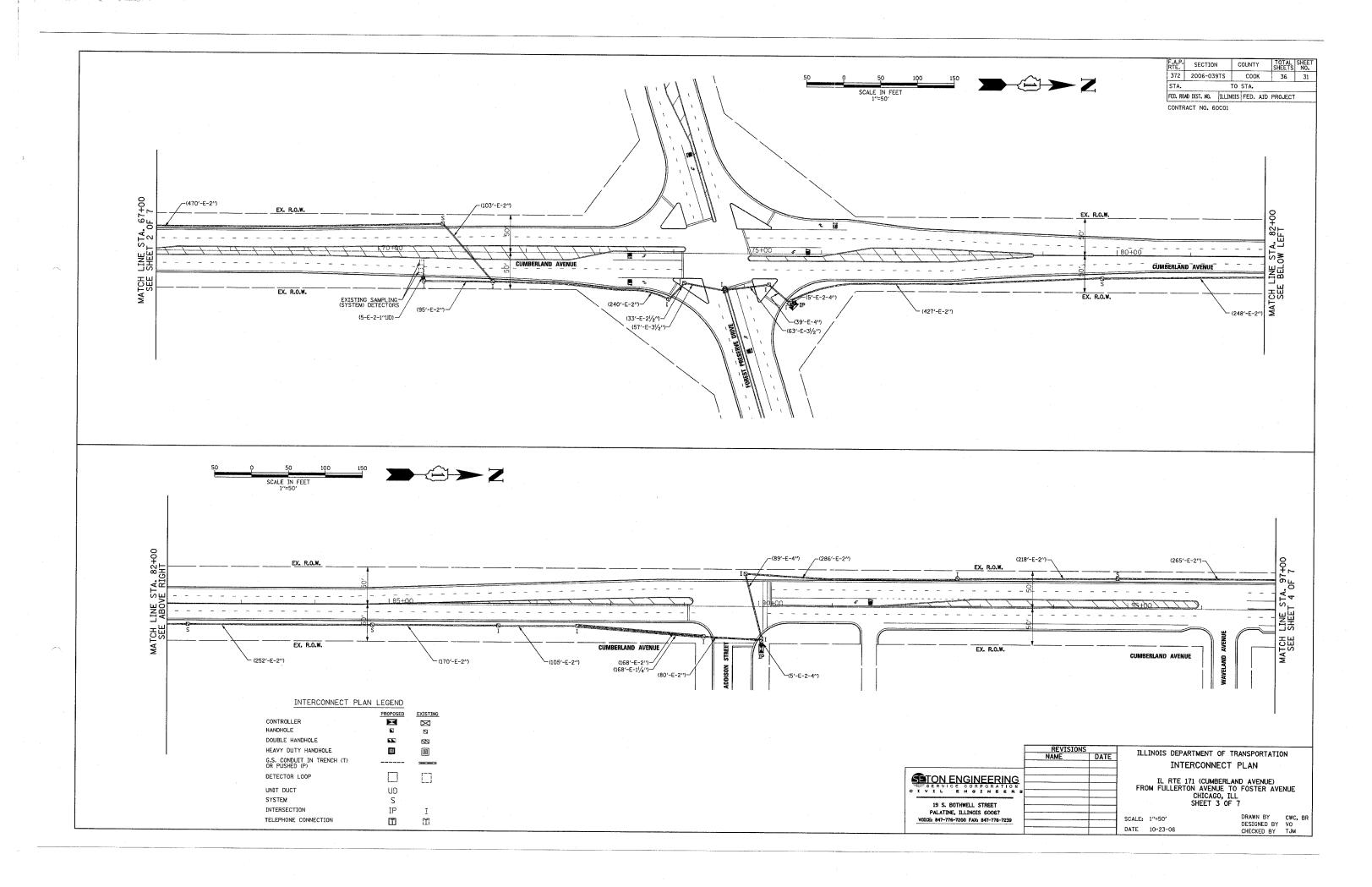


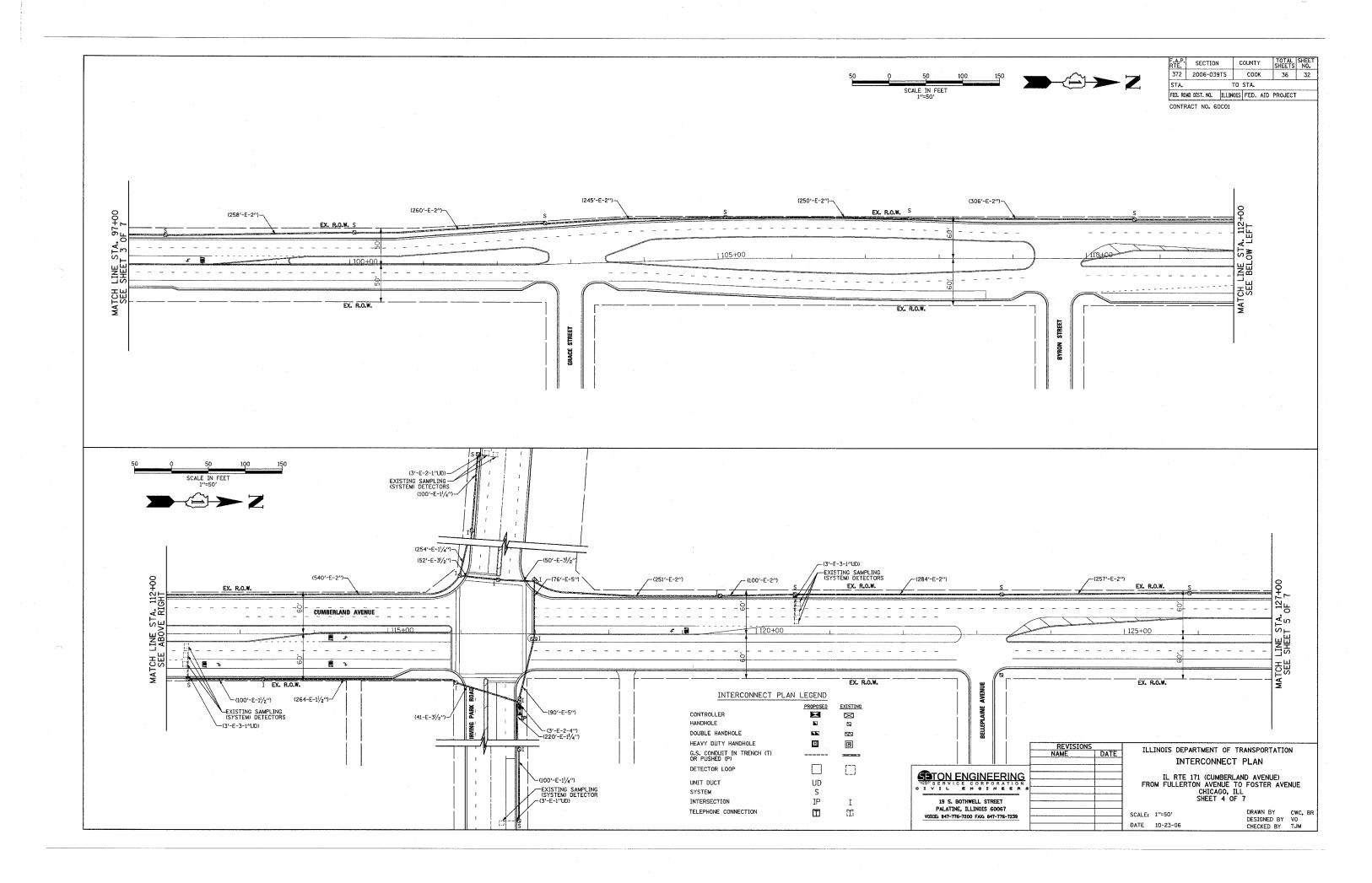


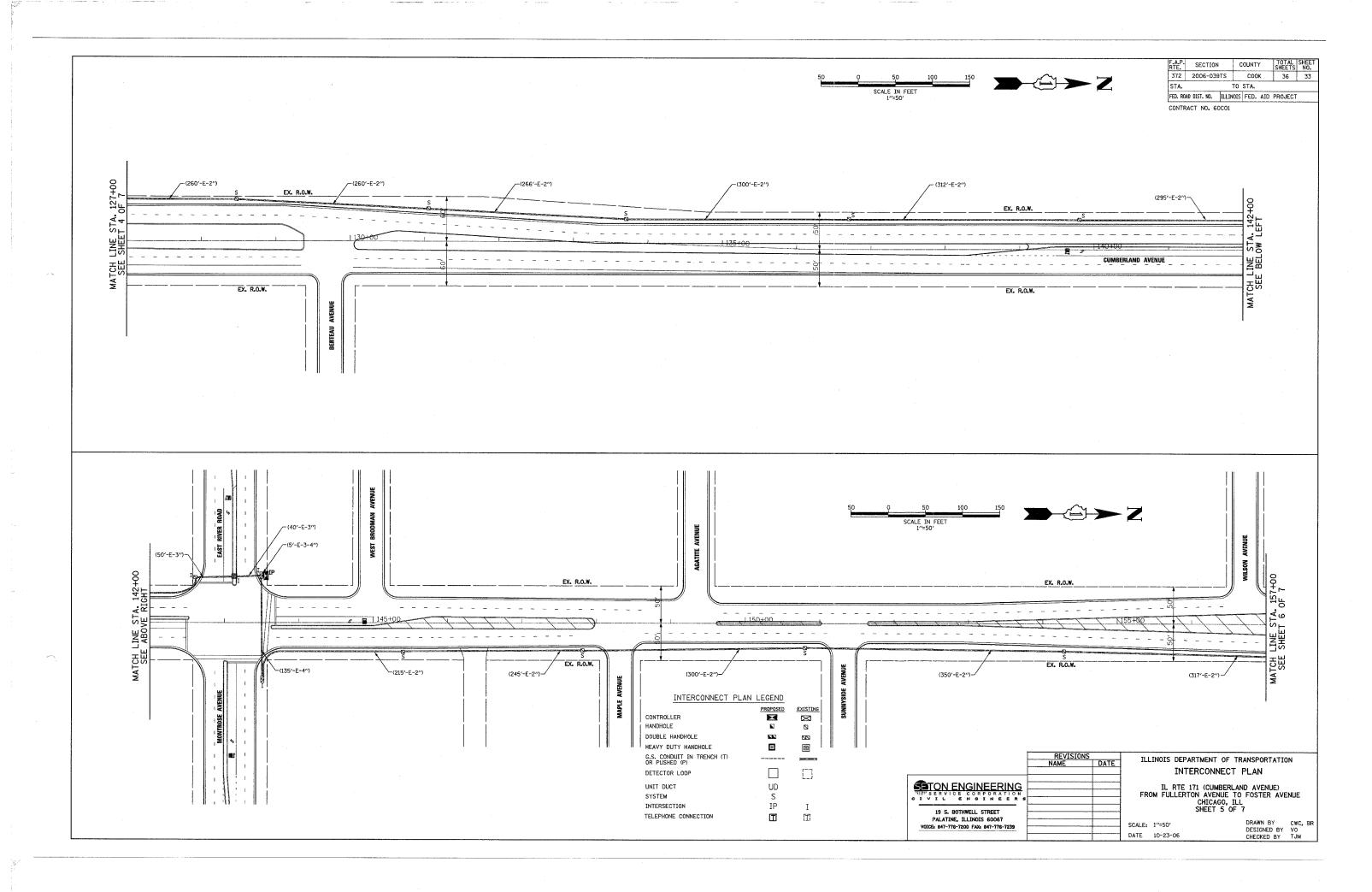


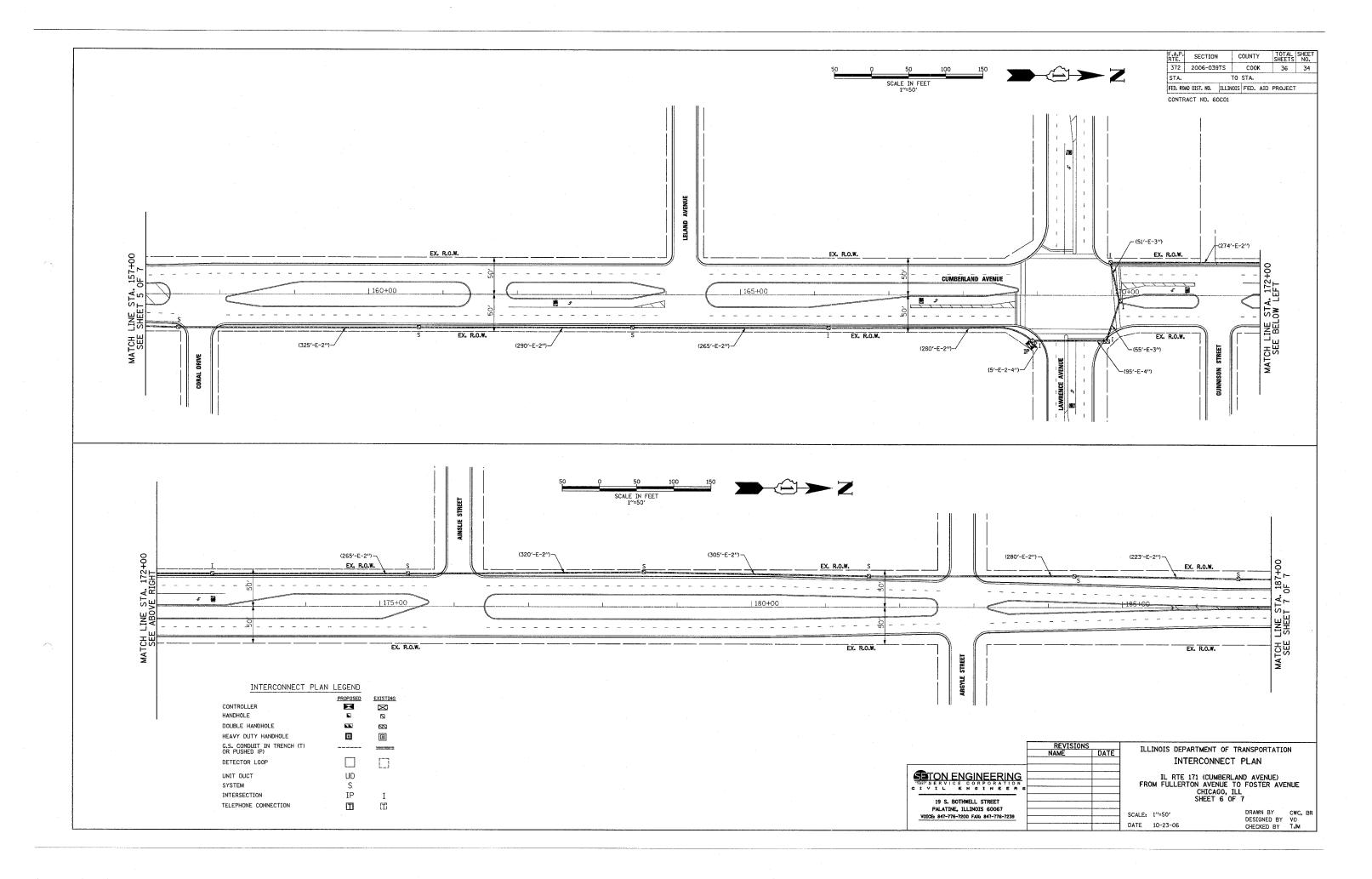








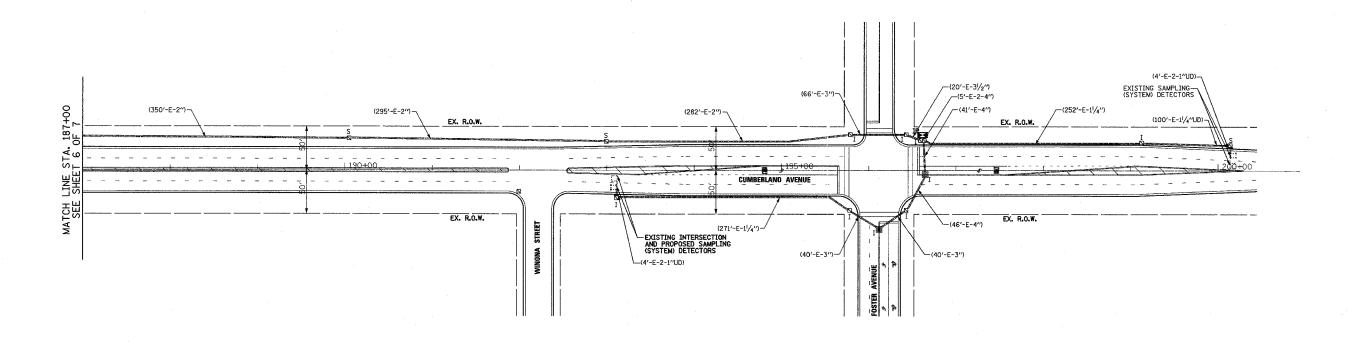




50 0 50 100 150 SCALE IN FEET

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	NO.
372	2006-039TS	COOK	36	35
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	

CONTRACT NO. 60C01



INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		\boxtimes
HANDHOLE		
DOUBLE HANDHOLE		∇
HEAVY DUTY HANDHOLE	H	H
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	~~~~	20800001200000100
DETECTOR LOOP		
UNIT DUCT	UD	
SYSTEM	S	
INTERSECTION	ΙP	I
TELEPHONE CONNECTION	Ī	Π

	REVISIONS		
-	NAME	DATE	
SETON ENGINEERING			
CIVIL ENGINEERS			
19 S. BOTHWELL STREET			
PALATINE, ILLINOIS 60067			
VOICE: 847-776-7200 FAX: 847-776-7239			

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT PLAN

IL RTE 171 (CUMBERLAND AVENUE) FROM FULLERTON AVENUE TO FOSTER AVENUE CHICAGO, ILL SHEET 7 OF 7

SCALE: 1"=50" DATE 10-23-06 DRAWN BY CWC, BR DESIGNED BY VO CHECKED BY TJM

