

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 853 (IL 14 /IL 37)
SECTION D9 TRAFFIC SIGNALS 2014-1
PROJECT NHPP-0853(012)
TRAFFIC SIGNAL AND RADIUS IMPROVEMENTS
FRANKLIN COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-15

APPROACH	ADT(2014)	% TRUCKS
IL 14 E. OF IL 37	6,150	3.9%
IL 37 N. OF IL 14	8,750	2.5%
IL 37 S. OF IL 14	10,350	3.2%

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	1
		ILLINOIS		CONTRACT NO. 78367

D-99-036-13



LOCATION OF SECTION INDICATED THUS: —■—

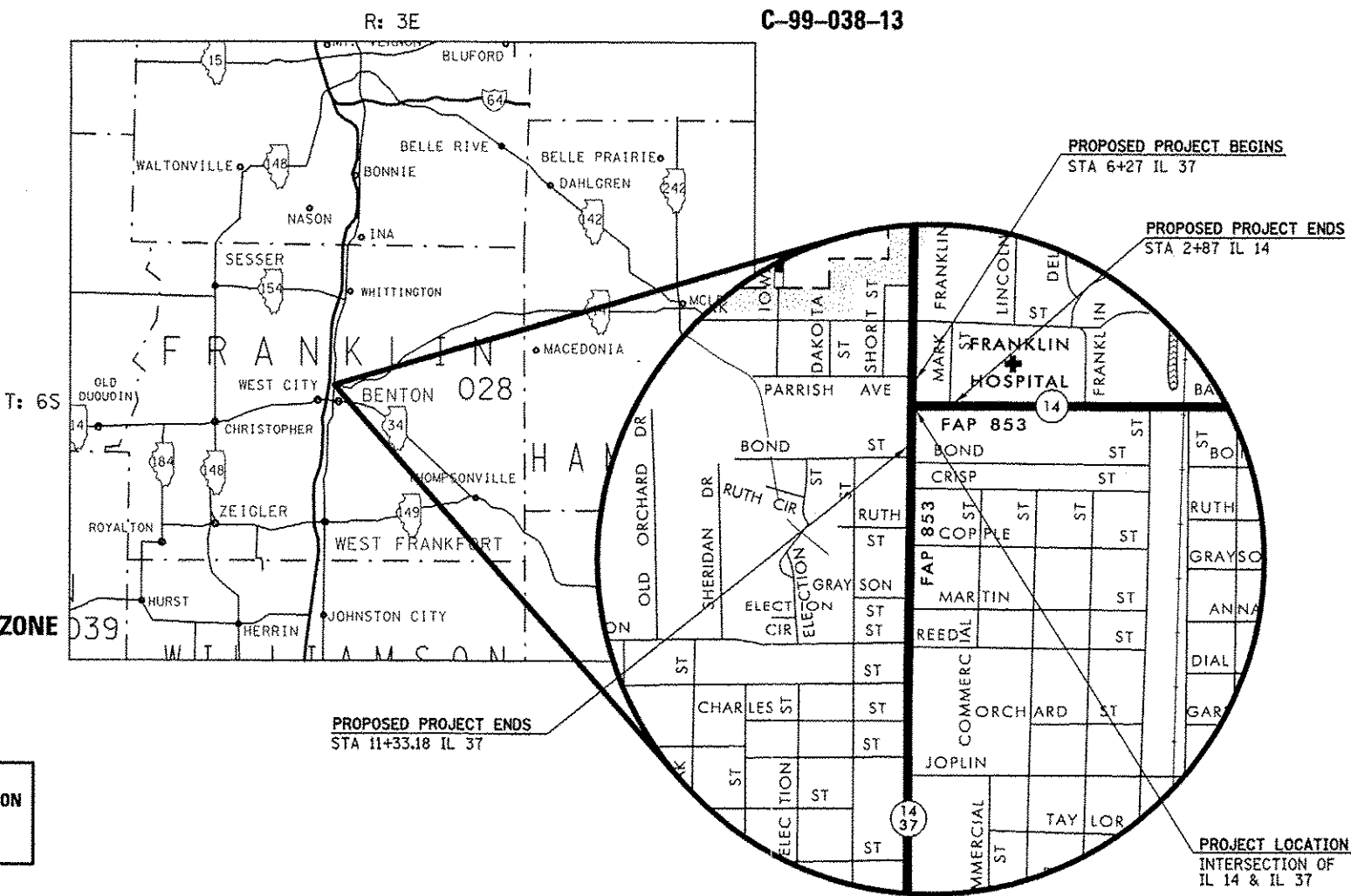
STATION EQUATION
(IL 14) 0+00 BK = 0+00 AH
(0+21.92 TO 0+00) (0+00 TO 2+87)
INCREASING INCREASING

COORDINATE SYSTEM :
ILLINOIS COORDINATE SYSTEM, EAST ZONE
POSTED SPEED : 30 MPH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER SUSAN POE
PROJECT DESIGNER SEAN GREENLEE

CONTRACT NO. 78367



GROSS LENGTH = 798 FT. = 0.15 MILES
NET LENGTH = 798 FT. = 0.15 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION
SUBMITTED Oct 20 20 16
Jeffrey A. Keim REGION FIVE ENGINEER
Mar 24 20 17
Maureen M. Addis P.E. ENGINEER OF DESIGN AND ENVIRONMENT
Mar 24 20 17
Director of Program Development

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OF THE STATE OF ILLINOIS

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001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
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424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
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424026-01	ENTRANCE - ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602301-04	INLET - TYPE A
602401-03	MANHOLE TYPE A
602416-05	MANHOLE TYPE A 8' DIAMETER
602421-05	MANHOLE TYPE A 9' DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
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604036-03	GRATE TYPE 8
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM EOP
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24 INCHES FROM EOP
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-07	URBAN LANE CLOSURE 2L2W WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
780001-05	TYPICAL PAVEMENT MARKINGS
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825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
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877001-06	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-08	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAF. CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FILE NAME : p:\VIL084EBIDINTEG\Illinois.gov\PWIDOT\00	USER NAME : greenleam	DESIGNED : ☒	REVISED : ☐	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, MIXTURES REQUIREMENTS	SCALE: SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN : ☒	REVISED : ☐				853	09 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	3
	PLOT SCALE : 100.0000' / 1" =	CHECKED : ☐	REVISED : ☐				CONTRACT NO. 78367				
	PLOT DATE : 10/19/2016	DATE : ☐	REVISED : ☐				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT- MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
MILLED OR AGED PAVEMENT	0.05 LB/SQ. FT.
BETWEEN LIFTS	0.025 LB/SQ. FT.
ON AGGREGATE SURFACE	0.25 LB./SQ. FT.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

TRIM EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING.

EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE, AND BINDER COURSE.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.

POROUS GRANULAR BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5 IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

ALL PEDESTRIAN PUSH-BUTTON ON POSTS, SIGNAL POSTS, OR MAST ARMS SHALL BE EQUIPPED WITH TWO DIRECTIONAL SIGNS (R10.4A).

THE FURNISHING AND INSTALLATION OF THE 3.18 cm (1 IN.) CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.

EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.

THE LIGHT POLES SHALL BE SIGNED WITH THE POLE NUMBER AS SHOWN ON THE WIRING DIAGRAM.

CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.

IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.

SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 1.83 m (6 FT.) FROM FACE OF CURB TO CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 1.37 m (4.5 FT.) FROM FACE OF CURB TO CENTER OF POST (UNLESS APPROVED BY TRAFFIC OPERATIONS).

PROPOSED LIGHT POLE FOUNDATION SHALL BE FLUSH WITH EXISTING SURFACE.

CONDUIT PUSHED UNDER A DRIVEWAY MAY BE TRENCHED IF APPROVED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURFACE TREATMENT REPLACEMENT TO THE LIMITS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

A REPRESENTATIVE FROM THE MANUFACTURER OF THE RADAR VEHICLE DETECTION SYSTEM SHALL BE PRESENT WHEN SAID PAY ITEMS ARE TO BE INSTALLED.

STRUCTURE EXCAVATION SHOWN ON STRUCTURE PLAN SHEETS SHALL BE PAID FOR AS EARTH EXCAVATION AS STATED IN NOTE 5 ON SAID STRUCTURE SHEETS.

COMMITMENTS:

AMEREN GAVE IDOT PERMISSION TO RUN CONDUIT AND WIRE FROM OUR CONTROLLER TO THEIR POLE.

ELIMINATING THE EXISTING OVERHEAD WIRE. (01/25/2016) CONTACT: JIMMY MCREYNOLDS 618-993-4613

FILE NAME = p:\1\1084EBIDINTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\CABsheets\78367-sha-cvr.scd	USER NAME = greenleesm	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
									853	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	4
	PLOT SCALE = 100.0000' / in.	CHECKED =	REVISED =						CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE =	REVISED =		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

MIXTURES REQUIREMENTS

Locations	Polymerized Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface
Quality Management Program:	QCQA

Locations	Incidental Hot-Mix Asphalt
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	QCQA

Locations	Polymerized Hot-Mix Asphalt Leveling Binder Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Leveling Binder, N90, IL-9.5mm Fine Grade
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	QCQA

COUNTY:	FRANKLIN
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	URBAN ✓
TOTAL QUANTITY	ROADWAY 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
				0021
20200100	EARTH EXCAVATION	CU YD	591	591
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	24	24
20900110	POROUS GRANULAR BACKFILL	CU YD	1.483	1.483
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	42	42
25000115	SEEDING, CLASS 1B	ACRE	0.1	0.1
25000350	SEEDING, CLASS 7	ACRE	0.1	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	14	14
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11	11
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11	11
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.2	0.2
25100115	MULCH, METHOD 2	ACRE	0.2	0.2
25100630	EROSION CONTROL BLANKET	SQ YD	5.0	5.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160	160
28000400	PERIMETER EROSION BARRIER	FOOT	300	300

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	FRANKLIN
			ROUTE:	FAP 726, IL 37
			FUNDING:	80% FED 20% STATE
			LOCATION:	URBAN
			TOTAL QUANTITY	ROADWAY
				0021
28000500	INLET AND PIPE PROTECTION	EACH	1	1
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	1,008	1,008
35300710	PORTLAND CEMENT CONCRETE BASE COURSE 12 1/2"	SQ YD	576	576
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	21	21
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	3,222	3,222
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	200	200
40600990	TEMPORARY RAMP	SQ YD	127	127
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	301	301
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14	14
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	462	462
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,657	4,657
42400800	DETECTABLE WARNINGS	SQ FT	87	87
44000100	PAVEMENT REMOVAL	SQ YD	437	437
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	3,585	3,585

14

COUNTY:	FRANKLIN
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	URBAN
TOTAL	ROADWAY
QUANTITY	0021

14

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	FRANKLIN
			ROUTE:	FAP 726, IL 37
			FUNDING:	80% FED 20% STATE
TOTAL QUANTITY			LOCATION:	URBAN
				ROADWAY
				0021
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	1	1
54248510	CONCRETE COLLAR	CU YD	1.9	1.9
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	55	55
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	12	12
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	213	213
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	12	12
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	53	53
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	163	163
550A4710	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	330	330
55100500	STORM SEWER REMOVAL 12"	FOOT	123	123
55100700	STORM SEWER REMOVAL 15"	FOOT	20	20
55100900	STORM SEWER REMOVAL 18"	FOOT	256	256
55101200	STORM SEWER REMOVAL 24"	FOOT	508	508
55101300	STORM SEWER REMOVAL 27"	FOOT	43	43

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	FRANKLIN
			ROUTE:	FAP 726, IL 37
			FUNDING:	80% FED 20% STATE
			LOCATION:	URBAN
			TOTAL QUANTITY	ROADWAY
				0021
55101400	STORM SEWER REMOVAL 30"	FOOT	36	36
55101600	STORM SEWER REMOVAL 36"	FOOT	252	252
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60224477	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
60500040	REMOVING MANHOLES	EACH	5	5
60500060	REMOVING INLETS	EACH	8	8
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	399	399
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	684	684
60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	108	108
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4	4
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1.195	1.195
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1
	* SPECIALTY ITEM			

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL PA	342	342
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	456	456
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	152	152
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	82	82
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,585	2,585
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	528	528
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	78	78
14 * 72000100	SIGN PANEL - TYPE 1	SQ FT	124	124
	* SPECIALTY ITEM			

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	FRANKLIN
			ROUTE:	FAP 726, IL 37
			FUNDING:	80% FED 20% STATE
			LOCATION:	URBAN
			TOTAL QUANTITY	ROADWAY
				0021
* 72000200	SIGN PANEL - TYPE 2	SO FT	44	44
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	82	82
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,585	2,585
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	528	528
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	78	78
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	150	150
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	784	784
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	183	183
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	98	98
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	105	105
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	8	8
* 81400100	HANDHOLE	EACH	3	3
* 81500100	GULFBOX JUNCTION	EACH	3	3
19 * 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	267	267
	* SPECIALTY ITEM			

SUMMARY OF QUANTITIES - CONT

			COUNTY:	FRANKLIN
			ROUTE:	FAP 726, IL 37
			FUNDING:	80% FED 20% STATE
			LOCATION:	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
				0021
* 82103900	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	4	4
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1
* 83012400	LIGHT POLE, ALUMINUM, 45 FT. M.H., TENON MOUNT	EACH	1	1
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	6.5	6.5
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	661	661
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	538	538
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	420	420
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,084	1,084
* 87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	128	128
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,222	1,222
* 87500400	TRAFFIC SIGNAL POST, 8 FT.	EACH	1	1
114 * 87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2	2
* SPECIALTY ITEM				

COUNTY:	FRANKLIN
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0021

4

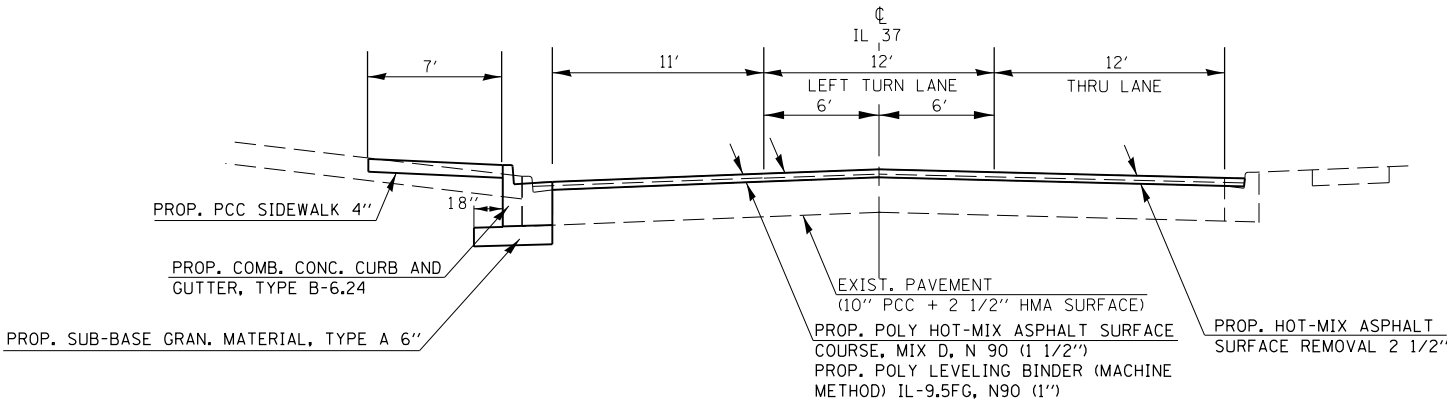
SUMMARY OF QUANTITIES - CONT

100% 8/4/2016

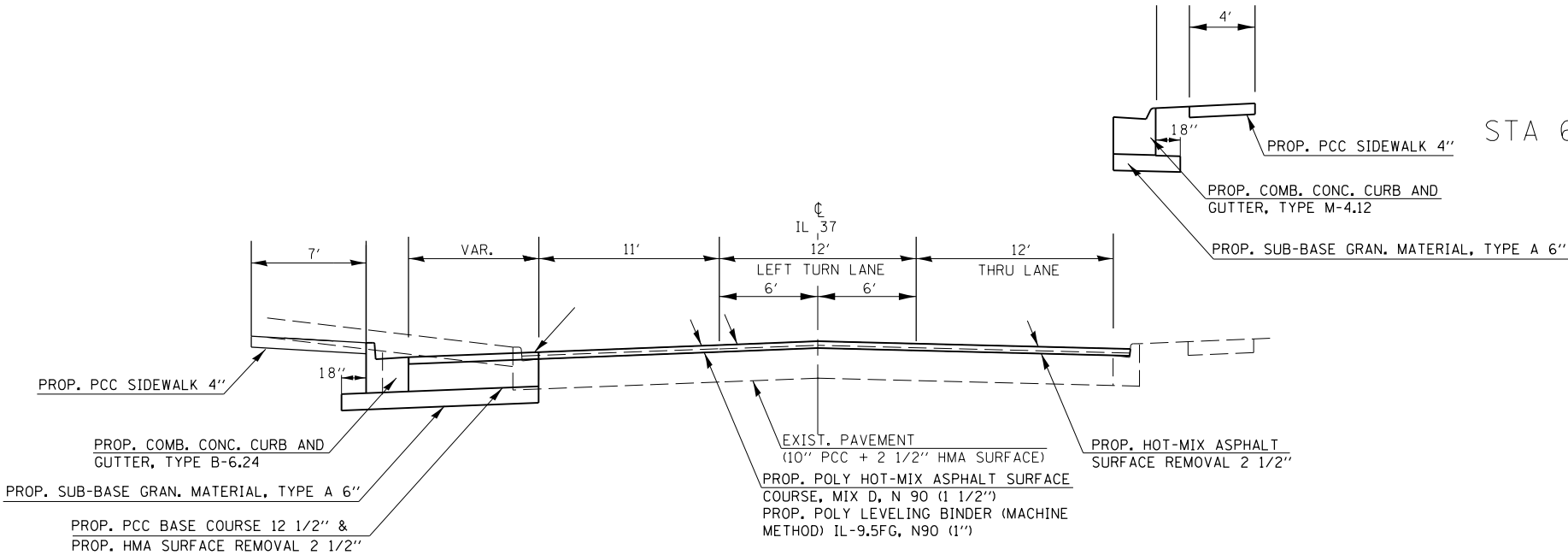
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	FRANKLIN
				ROUTE:	FAP 726, IL 37
				FUNDING:	80% FED 20% STATE
				LOCATION:	URBAN
					ROADWAY
					0021
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	6		6
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
X0321501	WEED BARRIER FABRIC	SQ YD	402		402
X0323117	LANDSCAPING GRAVEL	SQ YD	402		402
X0325405	FILL EXISTING STORM SEWERS	CU YD	42		42
* X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	1		1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,628		1,628
X6024240	INLETS, SPECIAL	EACH	5		5
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	11		11
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		1
* X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1		1
* X8850106	INDUCTIVE LOOP DETECTOR, RACK MOUNTED	EACH	3		3
* Z0033062	RADIO TRANSCEIVER	EACH	1		1
14 * Z0054517	ROCK FILL - FOUNDATION	TON	24		24

* SPECIALTY ITEM

TYPICAL SECTIONS



TO BE USED:
STA 5+34.44 TO STA 6+27
(NORTH LEG OF INTERSECTION)

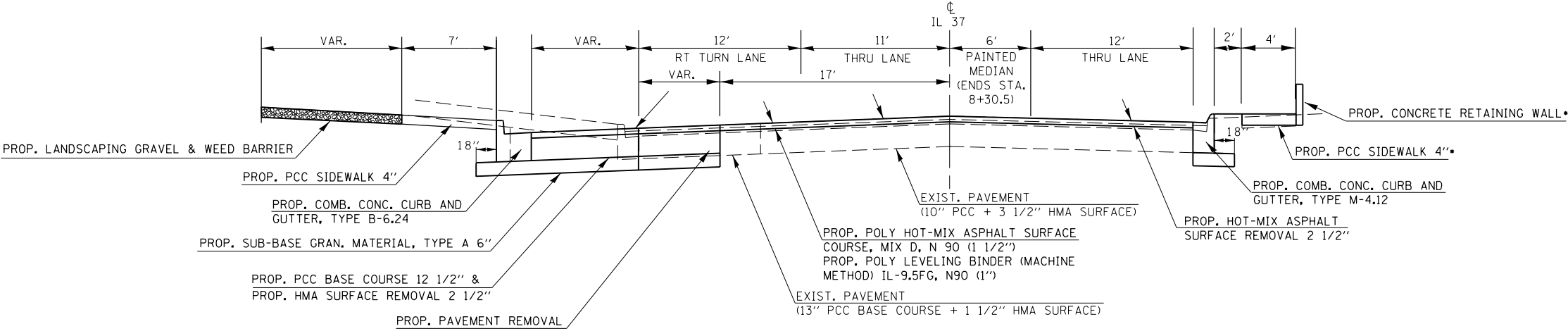


TO BE USED:
STA 6+91.21 TO STA 7+57.84

TO BE USED:
STA 6+27 TO STA 7+57.84
(NORTH LEG OF INTERSECTION)

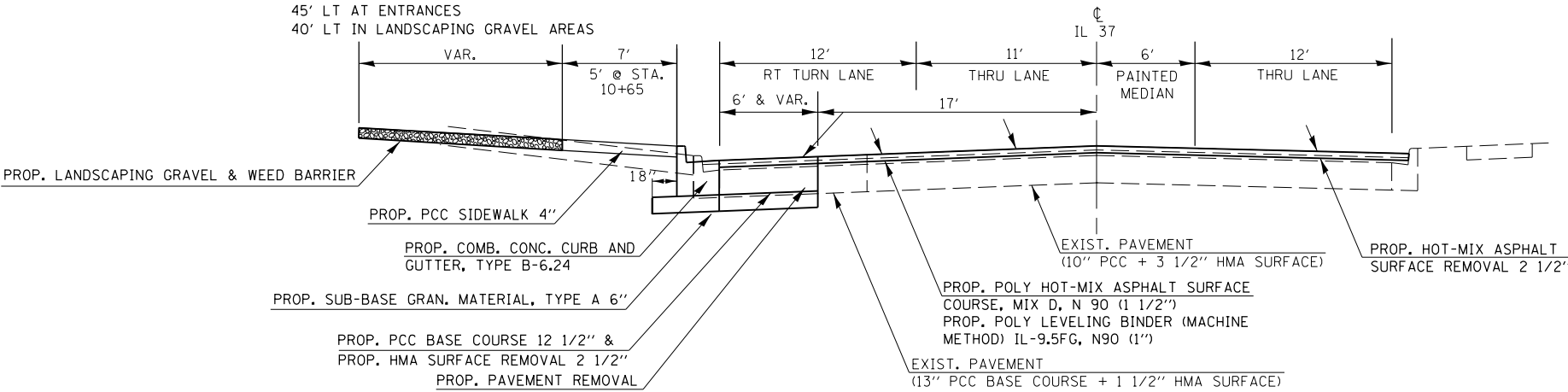
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 37 (NORTH LEG OF INTERSECTION)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\78367-shb-tp-sch.dgn		CHECKED -	REVISED -					853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	16
Default		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78367				
								ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS



•PROP. SIDEWALK AND RETAINING WALL FROM 7+96.52 TO 8+44.13. (SEE DETAIL SHEET 67)

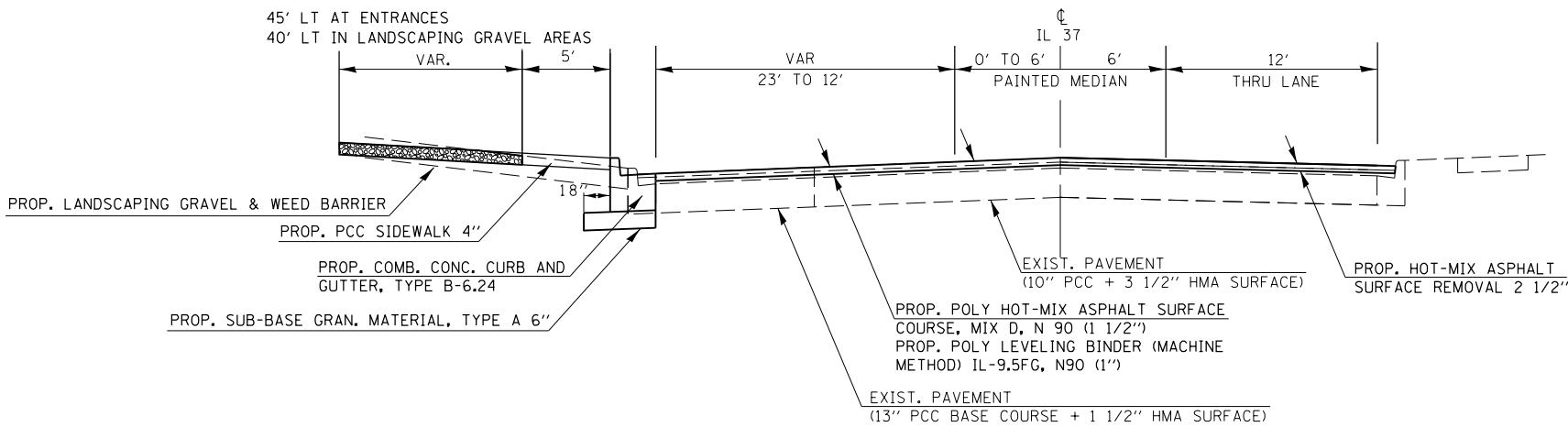
TO BE USED:
STA 7+93.79 TO STA 8+59.25
(SOUTH LEG OF INTERSECTION)



TO BE USED:
STA 8+59.25 TO STA 11+03
(SOUTH LEG OF INTERSECTION)

FILE NAME = p:\11\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78367\Drawn to CAD\Sheets\78367-shb-tp-sch-tp-elements.dgn	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 37 (SOUTH LEG OF INTERSECTION)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	17
		PLOT SCALE = 10.0000' / in.	CHECKED -					CONTRACT NO. 78367				
		PLOT DATE = 10/28/2016	DATE -					ILLINOIS FED. AID PROJECT				
Default					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

TYPICAL SECTIONS

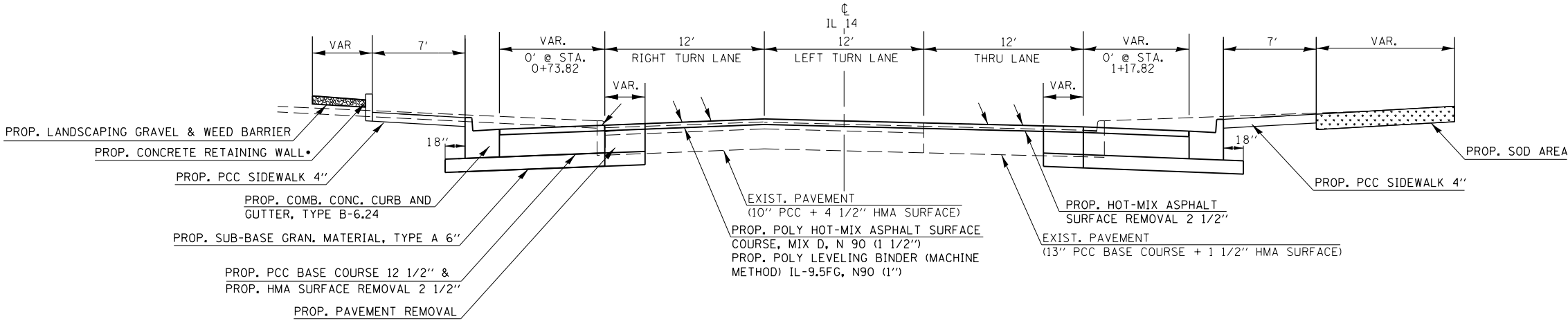


TO BE USED:
STA 9+75 TO STA 11+25
(SOUTH LEG OF INTERSECTION)

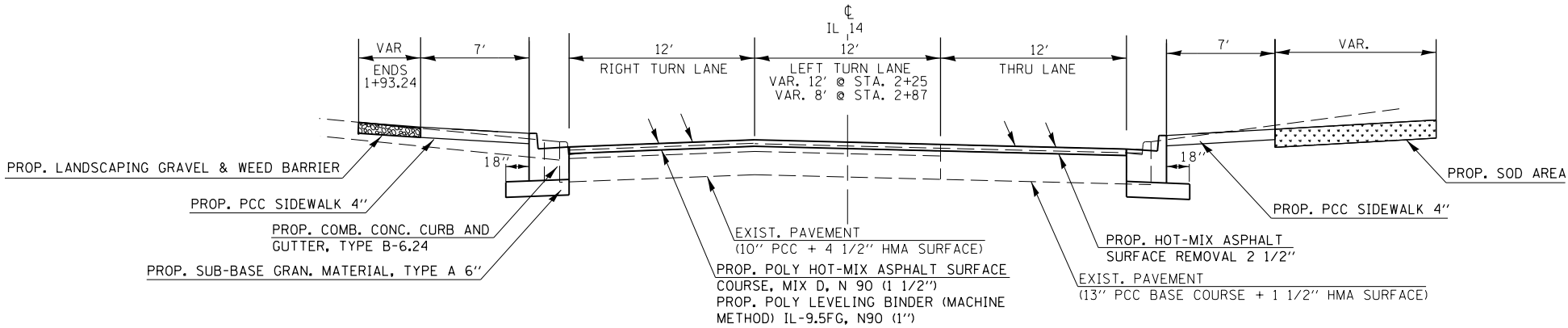
FILE NAME = p:\1\1L084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\78367-shb-typ-sch.dgn Default	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 37 (SOUTH LEG OF INTERSECTION)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -					853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	18
		PLOT SCALE = 10.0000' / in.	DATE -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78367				
		PLOT DATE = 10/28/2016	DATE -					ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

*SEE DETAIL SHEET 66 FOR RETAINING WALL DETAILS



TO BE USED:
STA 0+00 TO STA 1+17.82
(EAST LEG OF INTERSECTION)



TO BE USED:
STA 1+17.82 TO STA 2+87
(EAST LEG OF INTERSECTION)

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL	GUTTER REMOVAL	REMARKS
	SQ YD	SQ YD	FOOT	SQ FT	SQ YD	FOOT	
IL 37							
6+27. LT TO +73.82 LT			238				IL 37 TO IL 14 STATIONING
6+27. TO 8+59.25		903					
6+27. LT TO 6+64.19 LT				142			
6+86.23 LT TO 7+52.66 LT				1064			
6+89.47 RT TO 7+01.64 RT				38			
6+91. RT TO 8+45. RT			153				
7+01.56 LT TO 7+57.84 LT	46				30		NE QUAD
7+14.01 RT					83		
7+44.58 RT TO 7+66.11 RT				169			
7+93.84 LT TO 8+59.25 LT	105						SE QUAD
7+96.52 RT TO 8+44.15 RT				254			
8+57.3 LT TO 10+73.71 LT					429		PERPENDICULAR W/ ROW CORNERS
8+59.25 LT TO 1+19.9 RT			175				IL 37 TO IL 14 STATIONING
8+59.25 LT TO 9+75. LT	77	527					
8+66. LT TO 11+01. LT			306				
9+75. LT TO 10+75. LT	39	428					
10+70.56 LT TO 11+28.86 LT				188			
10+75. LT TO 10+99. LT	13	96					
10+99. TO 11+25.		104					
IL 14							
0+04.92 TO 0+00 BK		20					
0+00 AH TO 2+25.		900					
+15.05 LT TO +37.11 LT	9						INLET REMOVAL
+22.3 LT TO +50 LT				227			
+22.3 LT TO 1+98 LT					273		
+31.67 RT TO +39 RT	6						MANHOLE REMOVAL
+50.62 TO +59.54	36						48" ELLIPTICAL CROSSING
+57.68 RT TO 1+57.16 RT					135		PERPENDICULAR W/ ROW CORNERS
+73.82 LT TO 2+36. LT			210				
+85.61 LT TO 1+10.87 LT				229			
+86.07 RT TO +93.07 RT	6						MANHOLE REMOVAL
1+19.9 RT TO 2+87. RT			188				
2+25. TO 2+87.		234					
2+34.67 RT					58		
2+65.14 RT TO 2+87.31 RT				87		23	
2+65.72 RT TO 2+74.55 RT	17						MANHOLE REMOVAL
MARK FRANKLIN DR.							
0+11 TO 0+31	85						
NE QUAD							
10+00. LT TO 11+71.43 LT		194					
11+18.19 RT					57		
SE QUAD							
20+00. LT TO 21+51.67 LT		178					
20+02.72 RT TO 20+91.7 RT					157		
TOTAL	437	3585	1270	2399	1222	23	

PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	PORTLAND CEMENT CONCRETE BASE COURSE, 12 1/2"	POLY. LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE (PRIME COAT)	TEMPORARY RAMP	REMARKS
	FOOT	SQ YD	SQ YD	TON	TON	POUND	TON	SQ YD	
IL 37									
6+27. LT TO 7+57.84 LT	130.8	195	195	11	16	175	1	32	NE QUAD
6+27. TO 6+89.47	62.5			14	20	219	1		
6+89.47 TO 8+44.13	154.7			33	50	537	2		
8+44.13 TO 8+59.25	15.1			3	5	53			
7+93.84 LT TO 8+59.25 LT	65.4	178	178	10	15	160	1		SE QUAD
8+59.25 TO 9+75.	115.8			30	44	475	2		
8+59.25 LT TO 9+75. LT	115.8	77	77						
9+75. TO 10+75.	100.0			24	36	385	2		
9+75. LT TO 10+75. LT	100.0	39	39						
10+75. LT TO 10+99. LT	24.0	13	13						
10+75. TO 11+25.	50.0			11	17	180	1	33	
10+99. LT TO 11+03. LT	4.0	0.4	0.4						
IL 14									
0+04.92 TO 0+00 BK	4.9			1	2	18	0		
0+00 AH TO 2+24.52	224.5			50	75	808	3		
+15.05 LT TO +37.11 LT	22.1	9	9						
+31.67 RT TO +39.17 RT	7.5	6	6						
+50.62 TO +59.54	8.9	36	36						
+86.07 RT TO +93.07 RT	7.0	6	6						
2+24.52 TO 2+87.	62.5			13	20	212	1	30	
2+51.02		81							MARK FRANKLIN DR.
2+65.72 RT TO 2+74.55 RT	8.8	17	17						
TOTALS	0	657	576	200	301	3222	13	95	

DRAINAGE REMOVAL SCHEDULE

LOCATION STATION TO STATION	STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	STORM SEWER REMOVAL, 18"	STORM SEWER REMOVAL, 24"	STORM SEWER REMOVAL, 27"	STORM SEWER REMOVAL, 30"	STORM SEWER REMOVAL, 36"	FILL EXISTING STORM SEWER	REMOVING MANHOLES	REMOVING INLETS	REMOVAL OF EXISTING STRUCTURES	POROUS GRANULAR BACKFILL	REMARKS
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	EACH	EACH	EACH	CU YD	
IL 14													
+3. LT TO +17. LT	34												
+20. LT TO +36. LT			17	17									
+36. LT TO 1+77. LT			141	141									
+75. TO 2+87.												192	
+92. RT TO 1+69. RT	77												
1+77. LT TO 1+97. LT			20	20									
1+97. LT TO 2+23. LT			26	26									
2+24.61 LT		9											
2+26. LT TO 2+78. LT			52	52									
2+70 RT		11											
2+71. RT TO 2+82. RT	12												
+8.15 RT TO +17.18 RT								6.5					30" RCCP TO BE FILLED
+26.79 RT TO +32.97 RT								2.1					27" RCCP TO BE FILLED
+39.17 RT TO +50.77 RT								2.1					27" RCCP TO BE FILLED
+59.69 RT TO +86.07 RT								4.3					27" RCCP TO BE FILLED
+89.82 RT TO +90.08 RT								0.6					15" RCCP TO BE FILLED
+93.07 RT TO 2+65.72 RT								26.5					27" RCCP TO BE FILLED
+1.5 @ 42' LT										1			
+19. @ 11.5' LT									1				
+35. @ 12' RT									1				
+38. @ 13.5' RT										1			
+90. @ 12' RT									1				
+90. @ 27.5' RT										1			
1+71. @ 28' RT										1			
2+25. @ 22' LT										1			
2+70. @ 9.7' RT									1				
2+70. @ 23.5' RT										1			
IL 37													
7+94. LT TO 8+28. LT					43	36							
8+31. LT TO 10+83. LT				252			252						
10+86											1		
8+21. @ 31' LT										1			
8+29. @ 22' LT									1				
8+68.15 LT TO 10+76. LT												295	
9+43. @ +26. LT										1			
NE QUAD													
10+00. RT TO 10+80. RT												67	
SE QUAD													
20+00. RT TO 20+70. RT												81	
TOTAL	123	20	256	508	43	36	252	42.0	5	8	1	635	

DRAINAGE SCHEDULE (1 OF 2)

LOCATION STATION TO STATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	PIPE ELBOW 15"	STORM SEWER, CLASS A, TYPE 1 15"	STORM SEWER, CLASS A, TYPE 1 24"	STORM SEWER, CLASS A, TYPE 1 27"	STORM SEWER, CLASS A, TYPE 1 48"	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 3 FRAME AND GRATE	INLET, SPECIAL	INLETS, TYPE A, TYPE 8 GRATE	POROUS GRANULAR BACKFILL	CONCRETE COLLAR	REMARKS
	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	CU YD	CU YD	
PIPE SECTION																	
IL 14																	
+19.6 @ 43.04' LT TO +51.82 @ 21.07' LT			39												4.7		
+54.89 @ 15.84' LT TO +55.48 @ 32.46' LT									49						15.1		PIPE ENDS STATIONING
+58.88 @ 18.65' LT TO 2+21.84 @ 21.88' LT								163							232.4		
2+24.61 LT		1	7												1.9	0.58	
2+27.41 @ 22.36' LT TO 2+75.41 @ 22.36 LT							48								67.3		
2+77.64 @ 22.36' LT TO 2+82.46 @ 22.36' LT							5								2.4		
+59.79 @ 35.14' RT TO +87.6 @ 30.72' RT						28.5									20.2		
+93.31 @ 30.26' RT TO 1+79.44 @ 29.32' RT						86.5									61.7		
1+85.38 @ 29.19' RT TO 2+69.99 @ 26.34' RT						85									34.5		
2+70.38 @ 11.57' RT TO 2+71.49 @ 24.53' RT						13									5.3		
2+75.67 @ 26.01' RT TO 2+84.09 @ 24.81' RT			8.5												3.4		
IL 37																	
8+06.63 @ 75.53' LT TO 8+56.34 @ 30.82' LT									67						60.8		
8+62.33 @ 29.75' LT TO 9+40.19 @ 29.75' LT									78						45.1		
9+46.19 @ 29.75 LT TO 10+82.19 @ 26.84' LT									136						42.4		
10+86.78 @ 38.42' LT						12										0.62	
10+91.36 @ 35.84' LT				12												0.29	
DRAINAGE STRUCTURES																	
IL 14																	
0+18.18 @ 45.23' LT													1		5.0		
0+55.48 @ 18.58' LT												1			15.0		CENTER OF MANHOLE STATIONING
0+55.56 @ 35.81' RT												1			15.0		CENTER OF MANHOLE STATIONING
0+90.42 @ 30.50' RT													1		5.0		
1+82.43 @ 29.29' RT													1		5.0		
2+24.86 @ 21.94' LT											1				15.0	0.19	
2+70.13 @ 9.68' RT										1					8.0		
2+72.76 @ 26.21' RT													1		5.0		
2+76.39 @ 22.89' LT													1		5.0	0.21	
2+84.67 @ 24.73' RT														1	4.0		
2+90.46 LT @ 22.36' LT	1																
TOTAL	1	1	55	12	213	12	53	163	330	1	1	2	5	1	679.3	1.9	

DRAINAGE SCHEDULE CONTINUED (2 OF 2)

LOCATION STATION TO STATION	CONCRETE STRUCTURES	REINFORCEMENT BARS, EPOXY COATED	POROUS GRANULAR BACKFILL	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	ROCK FILL - FOUNDATION	TEMPORARY SOIL RETENTION SYSTEM	REMARKS
	CU YD	POUND	CU YD	CU YD	CU YD	SQ FT	
DRAINAGE STRUCTURES CONT'D							
IL 37							
8+59.25 @ 30.05' LT	10.6	2300	36	6	6	240	
9+43.19 @ 29.72' LT	8.6	1930	29	5	5	240	
10+86.75 @ 29.67' LT	31.7	6160	104	13	13	75	
TOTAL	50.9	10390	169	24	24	555	

ENTRANCE AND SIDEROAD SCHEDULE

STATION	SIDE	TYPE	WIDTH	AREA	EXISTING SURFACE TYPE	PCC DRIVEWAY PAVEMENT, INCH	PROTECTIVE COAT	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)	TEMP. RAMP	REMARKS
			FOOT	SQ YD		SQ YD	SQ YD	TON	POUND	TON	SQ YD	
IL 37												
7+14.01	RT	CONCRETE	24.00	48.6	HMA	48.6	48.6					
9+06.94	LT	CONCRETE	35.00	83.5	CONCRETE	83.5	83.5					
9+73.77	LT	CONCRETE	24.00	59.7	CONCRETE	59.7	59.7					
10+50.14	LT	CONCRETE	24.00	69.9	CONCRETE	69.9	69.9					
NE QUAD												
11+18.19	RT	CONCRETE	21.54	50.8	CONCRETE	50.8	50.8					
IL 14												
1+45.31	RT	CONCRETE	35.00	74.5	CONCRETE	74.5	74.5					
2+34.67	RT	CONCRETE	35.00	75.2	AGGREGATE	75.2	75.2					
2+51.02	LT	HMA	28.00	80.8	OIL & CHIP			14	20	0.1	31	
TOTALS =				543.1		462	462	14	21	0.1	31	

CURB AND GUTTER SCHEDULE

LOCATION STATION TO STATION	LENGTH	COMBINATION CURB AND GUTTER, TYPE M-4. 12	COMBINATION CURB AND GUTTER, TYPE B-6. 12	COMBINATION CURB AND GUTTER, TYPE B-6. 24	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	PROTECTIVE COAT	CONCRETE GUTTER (SPECIAL)	REMARKS
		FOOT	FOOT	FOOT	SQ YD	SQ YD	FOOT	
IL 37								
6+89.47 RT TO 6+92.09 RT	2.62	3			1	0.5		
6+91.21 RT TO 7+35.93 RT	44.72		45		15	7.9		
7+14.01 RT			21			3.7		ENTRANCE RADII
7+35.93 RT TO 8+44.13 RT	108.2	108			37	19.0		
8+59.25 LT TO 8+79.52 LT	20.27			20	9	4.7		
9+06.94 LT			38			6.7		ENTRANCE RADII
9+34.34 LT TO 9+51.86 LT	17.52			18	8	4.1		
9+73.77 LT			38			6.7		ENTRANCE RADII
9+94.95 LT TO 10+27.46 LT	32.51			33	15	7.5		
10+50.14 LT			45			7.9		ENTRANCE RADII
10+71.31 LT TO 11+23.36 LT	52.05			52		12.0		
11+23.36 LT TO 11+33.18 LT	12.3		12.3			2.2		
NE QUAD								
10+00. TO 10+97.85	97.85			98	44	22.6		
11+18.19 RT			43			7.5		ENTRANCE RADII
11+44.22 TO 11+71.43	27.21		27		9	4.8		
SE QUAD								
20+00. TO 21+51.67	151.67			152	69	35.1		
IL 14								
+73.82 LT TO 2+23.26 LT	149.44			149	68	34.6		
1+17.82 RT TO 2+24.52 RT	106.7			107	48	24.7		
1+45.31 RT			34			6.0		ENTRANCE RADII
2+24.52 RT TO 2+80.96 RT	56.44			56	26	13.1		
2+34.67 RT			36			6.3		ENTRANCE RADII
2+51.02 LT			54			9.4		SIDEROAD RADII
2+76.24 RT TO 2+87.18 RT	10.94					4.0	11	
2+80.96 RT TO 2+87. RT	6.04		6		2	1.1		
TOTAL		108	399	684	351	252	11	

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION	NON-SPECIAL WASTE				
		CLASSIFICATION*				TOTAL: NON- SPECIAL WASTE DISPOSAL (B1 NOT INCLUDED)
		*FOR INFORMATIONAL USE ONLY				
		A5 ⁽¹⁾	A1 ⁽²⁾	B1 ⁽³⁾	UNKNOWN ⁽⁴⁾	
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 37						
8+59.25 LT TO 11+33 LT	333	150	0	209	426	576
IL 14						
0+73.82 LT TO 2+87 LT	15	229	157	263	0	386
1+19.90 RT TO 2+87 RT	38					
NE QUAD						
0+00 RT TO 11+71.43 RT	132	189	0	0	0	189
SE QUAD						
20+00 RT TO 21+51.67 RT	73	45	0	85	0	45
TOTALS	591	612	157	557	426	1195

- (¹) TO BE HAULED AND DISPOSED OF AS PER ART. 669.09(a)(5)
- (²) TO BE HAULED AND DISPOSED OF AS PER ART. 669.09(a)(1)
- (³) TO BE HAULED AND DISPOSED OF AS PER ART. 669.09(b)(1)
- (⁴) TO BE HAULED AND DISPOSED OF AS PER ART. 669.09(a)(1) through (a)(5)

ALL QUANTITIES ARE ESTIMATES BASED ON PSI DETERMINATIONS.
ALL SOILS SHOULD BE TESTED AND DISPOSED OF, OR UTILIZED, AS
PER ART. 669 OF THE STADARD SPECIFICATION FOR ROAD AND
BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016.

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION	SEEDING, CLASS 1B	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	TOPSOIL FURNISH AND PLACE, 12"	LANDSCAPING GRAVEL	WEED BARRIER FABRIC	REMARKS
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	EACH	FOOT	SQ YD	SQ YD	SQ YD	
IL 37														
6+25. LT TO 6+66. LT	0.01	0.01	1.0	0.8	0.8	0.01	0.01			40				
6+90. RT TO 8+44. RT	0.04	0.04	7.2	5.4	5.4	0.09	0.09			120				
7+26.01 RT TO 7+66.11 RT											33			
8+59.25 LT TO 8+87.85 LT												23	23	
9+26.02 LT TO 9+60.19 LT												27	27	
9+87.36 LT TO 10+38.14 LT												48	48	
10+64. LT TO 10+74. LT											9			
10+64. LT TO 11+37. LT	0.02	0.02	2.8	2.1	2.1	0.03	0.03			75				
IL 14														
+73.82 LT TO 1+94.12 LT												72	72	
1+18.02 RT TO 1+26.22 RT												3	3	
1+64.36 RT TO 2+15.58 RT												29	29	
1+93. LT TO 2+97. LT	0.02	0.02	3.1	2.3	2.3	0.04	0.04	5	1	45				
2+53.76 RT TO 2+73. RT												16	16	
2+73. RT TO 2+88. RT	0.001	0.00	0.2	0.2	0.2	0.00	0.00			20				
NE QUAD														
10+00. RT TO 11+06.14 RT												58	58	
SE QUAD														
20+00. RT TO 21+52.8 RT												126	126	
TOTALS	0.1	0.1	14	11	11	0.2	0.2	5	1	300	42	402	402	

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 12"		THERMOPLASTIC PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	REMARKS
		WHITE SOLID	YELLOW SOLID	WHITE	YELLOW			
		FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
1L 37								
6+27. TO 6+39.	12.0		48					
6+39. TO 7+35.53	96.5	97	193					
6+42.							11.8	ONLY
6+67.							8.8	LEFT ARROW
7+35.53						24		
7+41.53				108				CROSSWALK
8+24.63				84				CROSSWALK
8+30.49						30		
8+30.49 TO 9+75.	144.5	145	578		72			
9+42.							8.8	RIGHT ARROW
9+67.							11.8	ONLY
9+75. TO 11+25.	150.0		600		91			
1L 14								
+27.87				108				CROSSWALK
+33.87						24		
+33.87 TO +73.82	40.0	92	80	22				
1+45.							17.6	LEFT & RIGHT ARROW
1+70.							23.6	ONLY - 2
+73.82 TO 1+74.	100.2	100	200					
1+74. TO 2+87.	113.0		452		43			
		433	2151	322	206			
TOTALS		2585		528		78	82.4	

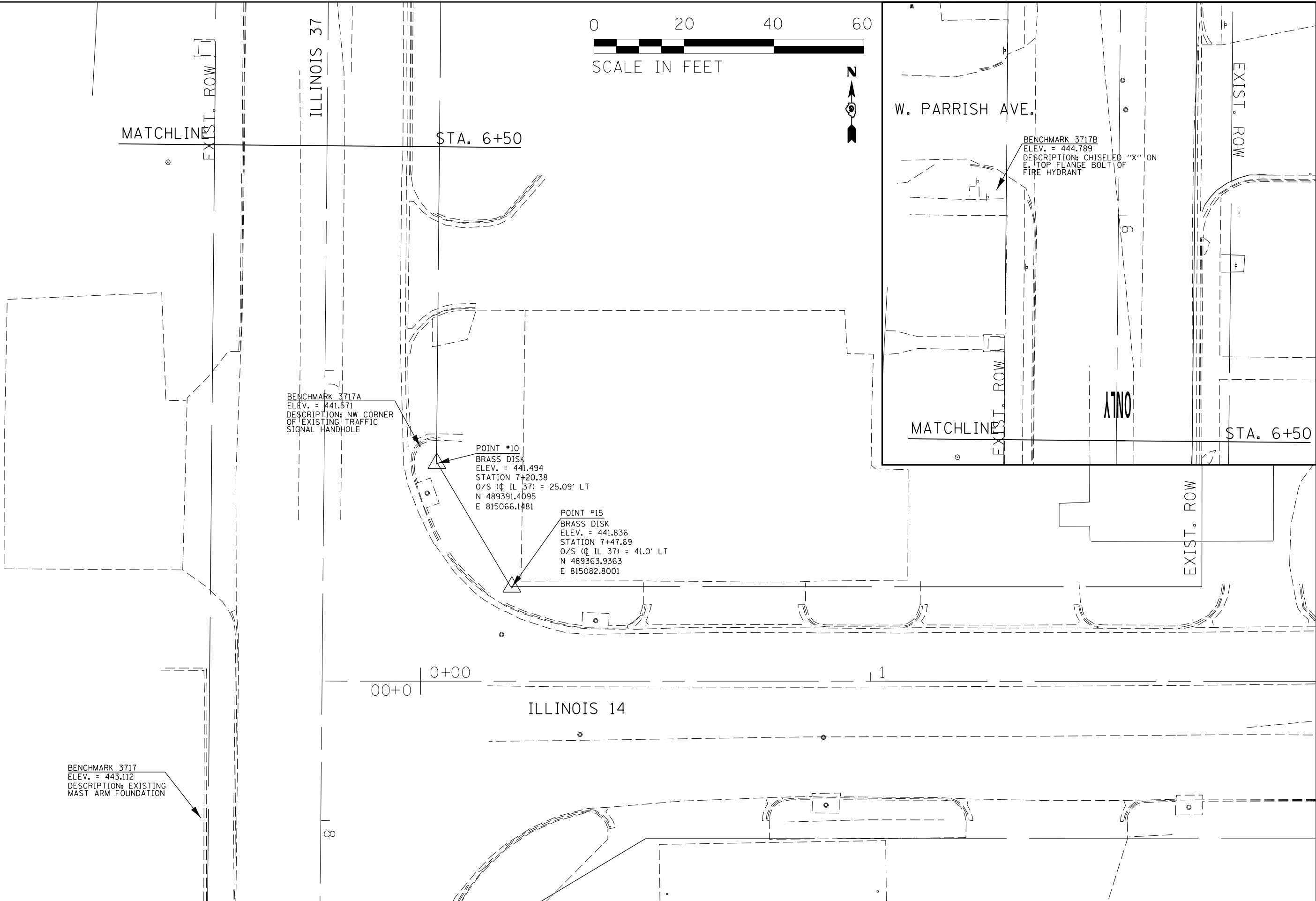
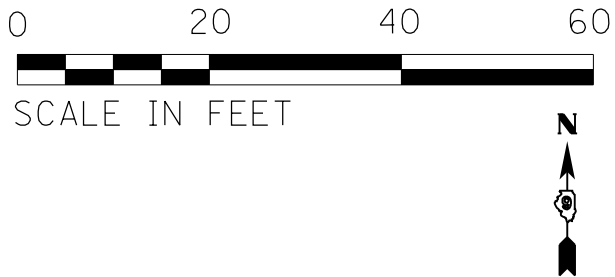
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Default	PLOT DATE = 10/28/2016	DATE -	REVISED -		CONTRACT NO. 78367										
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					

DETOUR SIGNING

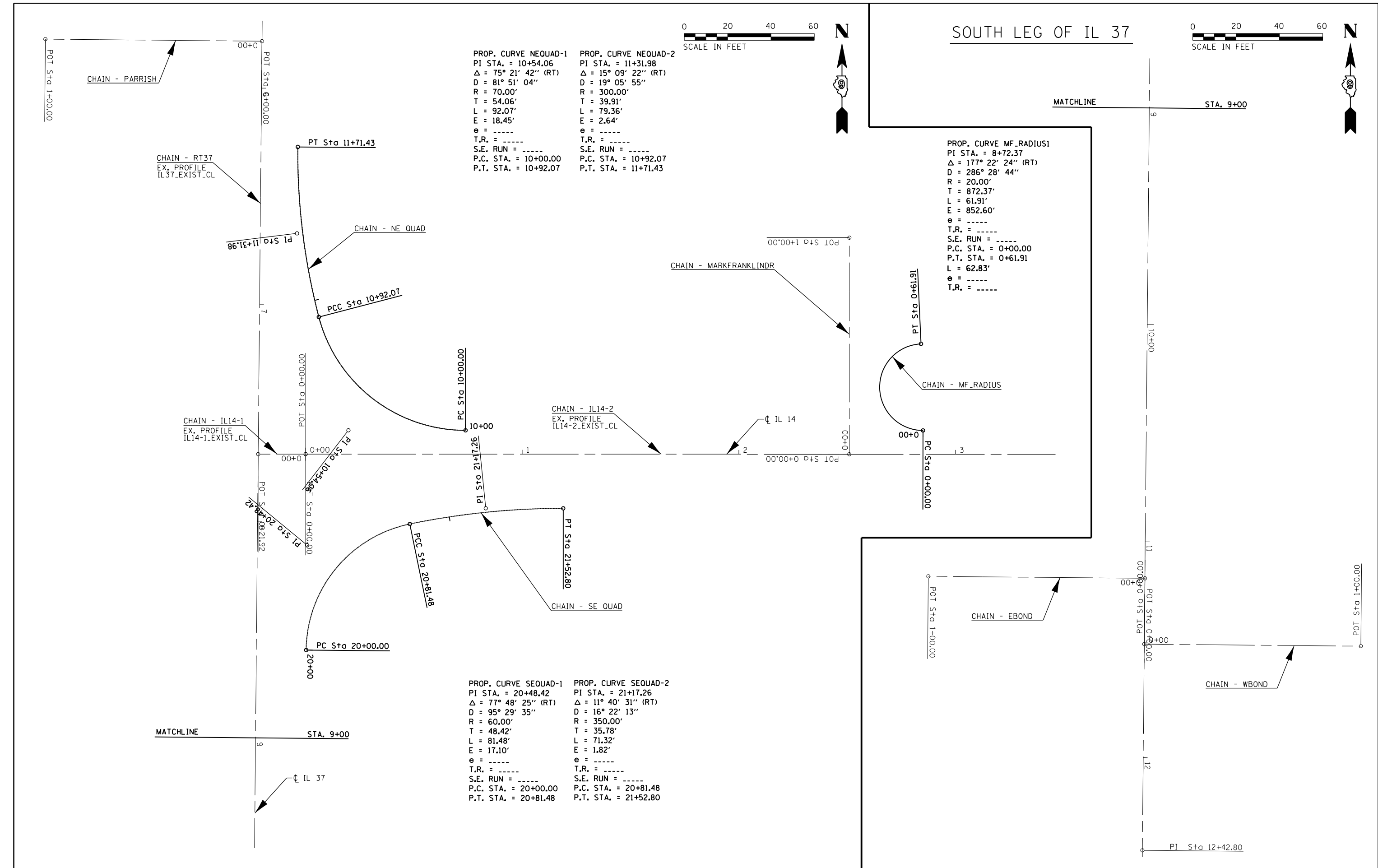
SIGN ID NO.	DESCRIPTION	SIGN SIZE	AREA PER SIGN (SQ FT)	TOTAL SIGNS REQUIRED	SIGN PANEL TYPE 1 (0-9) (SQ FT)	SIGN PANEL TYPE 2 (9-24) (SQ FT)
M6-1	→	21" X 15"	2.188	11	24.07	
M6-3	↑	21" X 15"	2.188	2	4.38	
M1-4	IL ROUTE 14	24" X 24"	4.000	9	36.00	
M1-4	IL ROUTE 37	24" X 24"	4.000	4	16.00	
M3-1	CARDINAL DIRECTION (NORTH)	24" X 12"	2.000	1	2.00	
M3-2	CARDINAL DIRECTION (EAST)	24" X 12"	2.000	6	12.00	
M3-3	CARDINAL DIRECTION (SOUTH)	24" X 12"	2.000	1	2.00	
M3-4	CARDINAL DIRECTION (WEST)	24" X 12"	2.000	3	6.00	
M4-5	TO	24" X 12"	2.000	2	4.00	
M4-8	DETOUR	24" X 12"	2.000	9	18.00	
W-20-2-A	DETOUR AHEAD	36' X 36"	9.000	3		24.00
TOTALS					124	24

PATCHING SCHEDULE

ORIGINAL LAYOUT						CLASS C PATCHES, TYPE I, 14 INCH	CLASS C PATCHES, TYPE II, 14 INCH	CLASS C PATCHES, TYPE III, 14 INCH	CLASS C PATCHES, TYPE IV, 14 INCH
LANE	STATION	WIDTH FT	LENGTH FT	AREA FT	TOTAL AREA FT	SQ YD	SQ YD	SQ YD	SQ YD
37 NB	11+00	6	25	16.67	16.67	.	.	16.67	.
37 NB	8+30.	12	5	6.67	6.67	.	6.67	.	.
37 NB	7+75	10	10	11.11	11.11	.	11.11	.	.
37 NB	7+20	6	25	16.67	16.67	.	.	16.67	.
37 NB	7+00.	12	4	5.33	5.33	.	5.33	.	.
37 SB	11+00.	6	25	16.67	16.67	.	.	16.67	.
37 SB	9+80.	12	4	5.33	5.33	.	5.33	.	.
37 SB	9+70.	6	21	14.00	14.00	.	14.	.	.
37 SB	9+00.	12	14	18.67	18.67	.	.	18.67	.
37 SB	8+60.	12	5	6.67	6.67	.	6.67	.	.
37 SB	8+30.	12	5	6.67	6.67	.	6.67	.	.
37 SB	7+50.	12	8	10.67	10.67	.	10.67	.	.
37 SB	7+30.	12	4	5.33	5.33	.	5.33	.	.
37 SB	7+25.	12	4	5.33	5.33	.	5.33	.	.
37 MIDDLE	8+30.	12	5	6.67	6.67	.	6.67	.	.
37 MIDDLE	5+75.	12	25	33.33	33.33	.	.	.	33.33
14 WB	+45.	12	4	5.33	5.33	.	5.33	.	.
14 WB	1+50.	12	4	5.33	5.33	.	5.33	.	.
14 WB	2+00.	12	4	5.33	5.33	.	5.33	.	.
14 WB	2+40	12	4	5.33	5.33	.	5.33	.	.
14 WB	2+75.	12	6	8.00	8.00	.	8.	.	.
14 EB	1+00.	12	4	5.33	5.33	.	5.33	.	.
14 EB	1+60.	12	4	5.33	5.33	.	5.33	.	.
14 EB	2+75.	12	4	5.33	5.33	.	5.33	.	.
14 MIDDLE	+45.	12	4	5.33	5.33	.	5.33	.	.
14 MIDDLE	1+00.	12	4	5.33	5.33	.	5.33	.	.
14 MIDDLE	1+60.	12	4	5.33	5.33	.	5.33	.	.
14 MIDDLE	2+40.	6	40	26.67	26.67	.	.	.	26.67
14 MIDDLE	2+75.	10	10	11.11	11.11	.	11.11	.	.
				0.00	0.00	.	.	.	.
						0	157	69	60



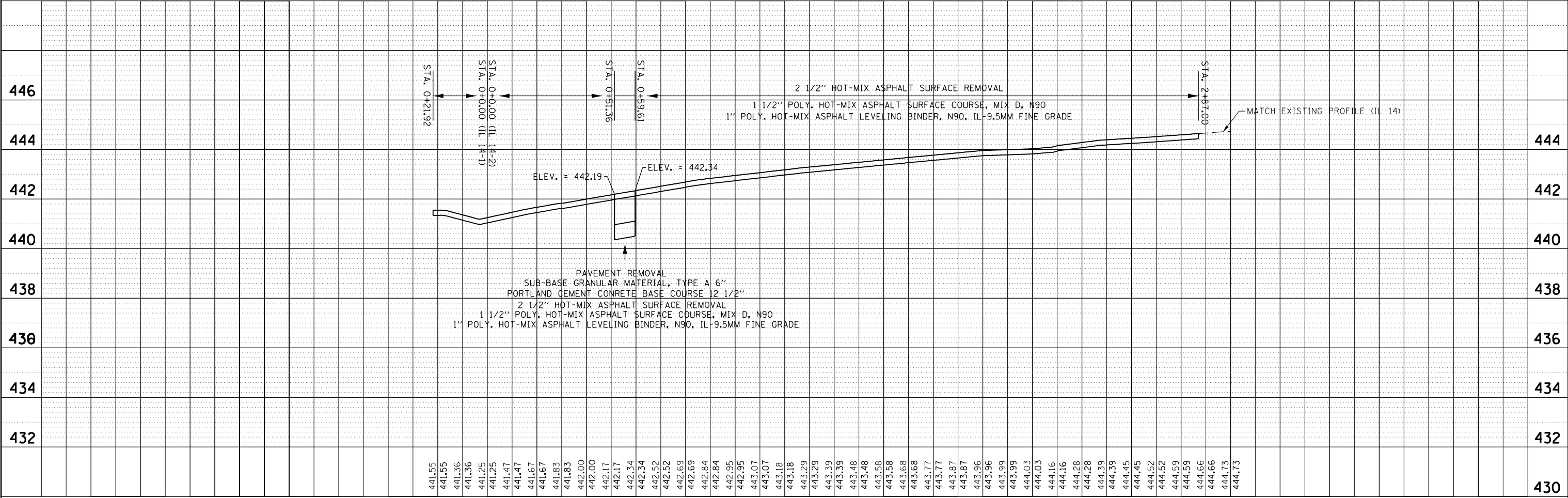
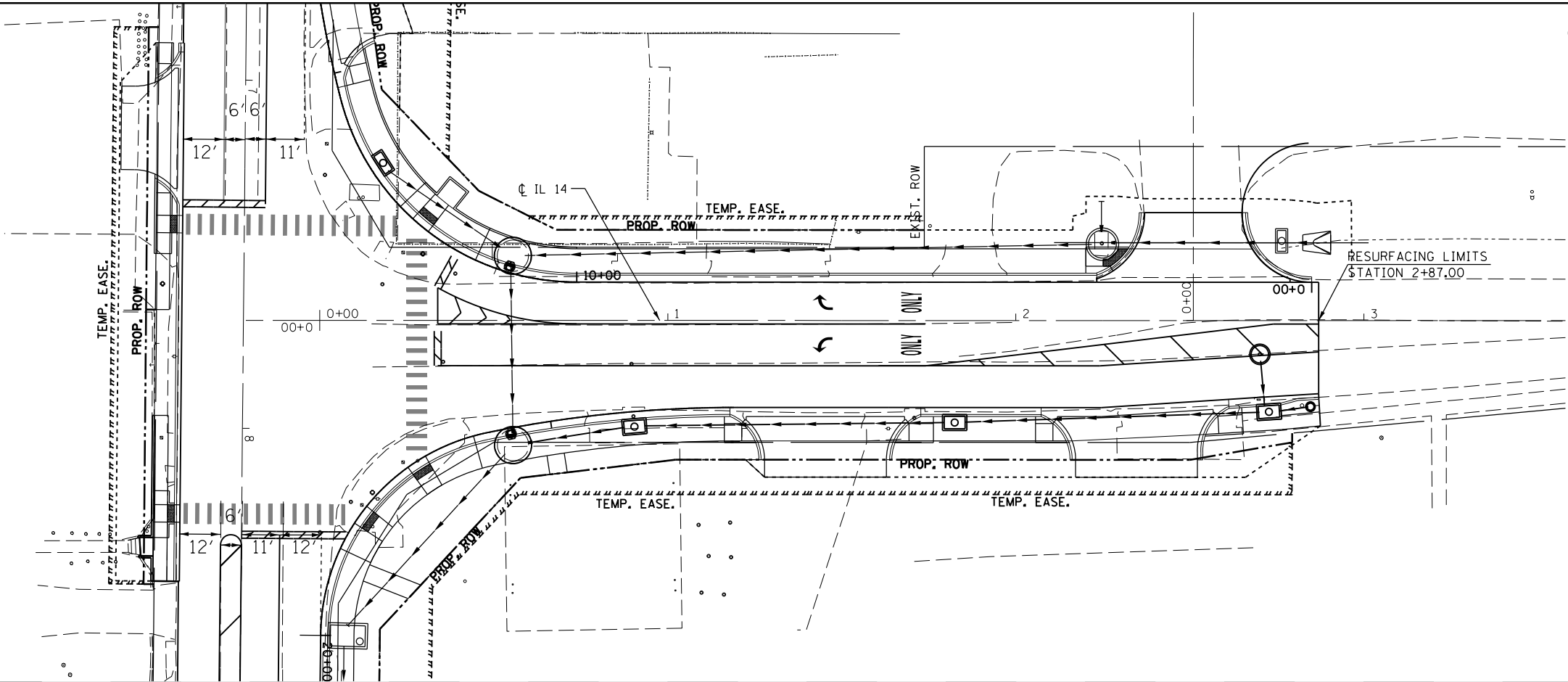
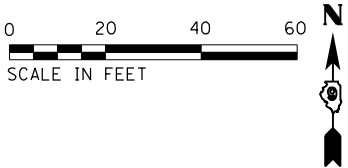
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	29
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						CONTRACT NO. 78367				
						ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOPAK ELEMENT IDENTIFICATION SHEET				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOTTED		
NOTE BOOK	ALIGNED	CHECKED	
	NO.	FILE NAME	

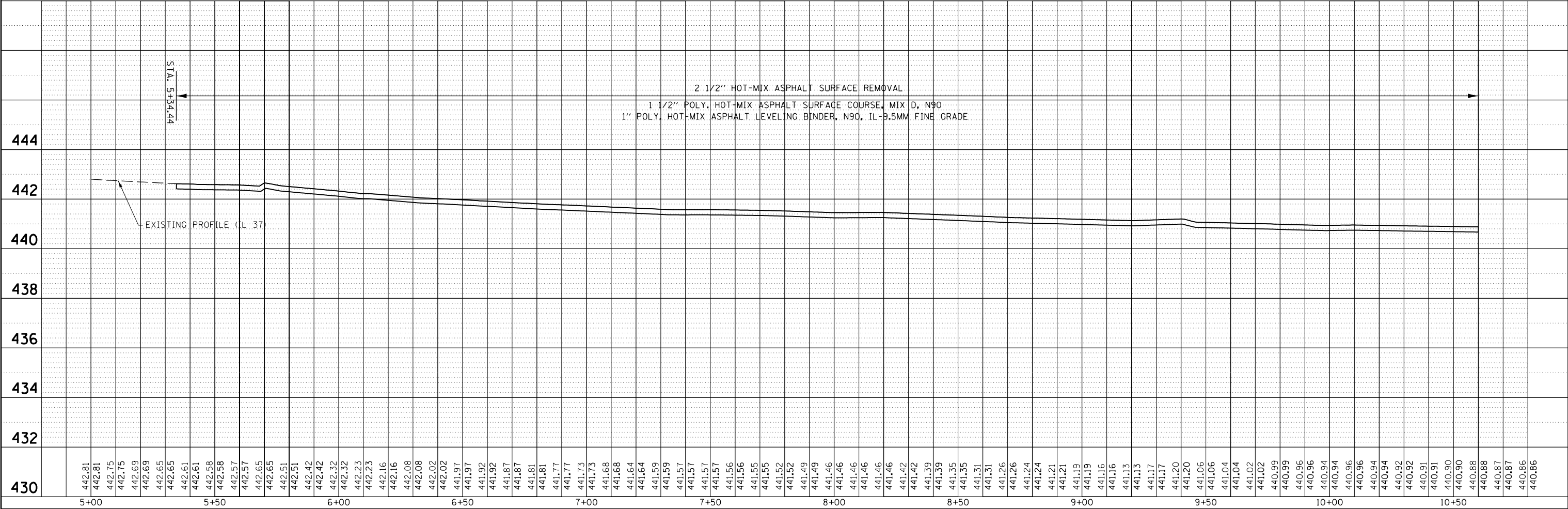
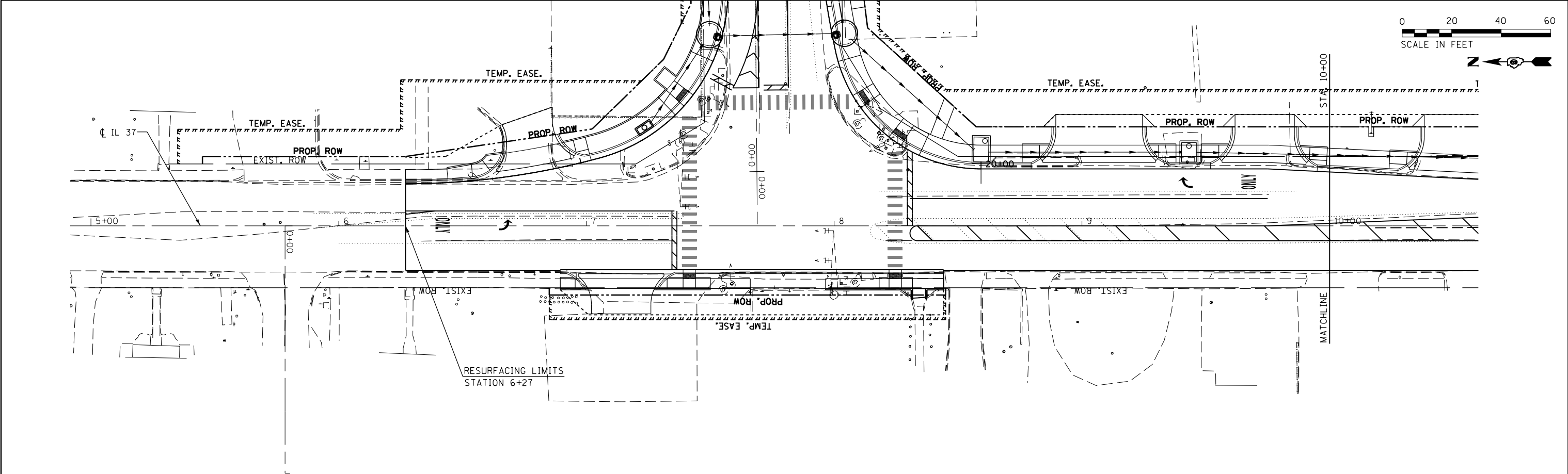
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	STRUCTURE	NOTATIONS	CHKD



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				SCALE:		SHEET	OF	SHEETS	STA.		TO STA.	

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NOTE BOOK	ALIGNMENT CHECKED		
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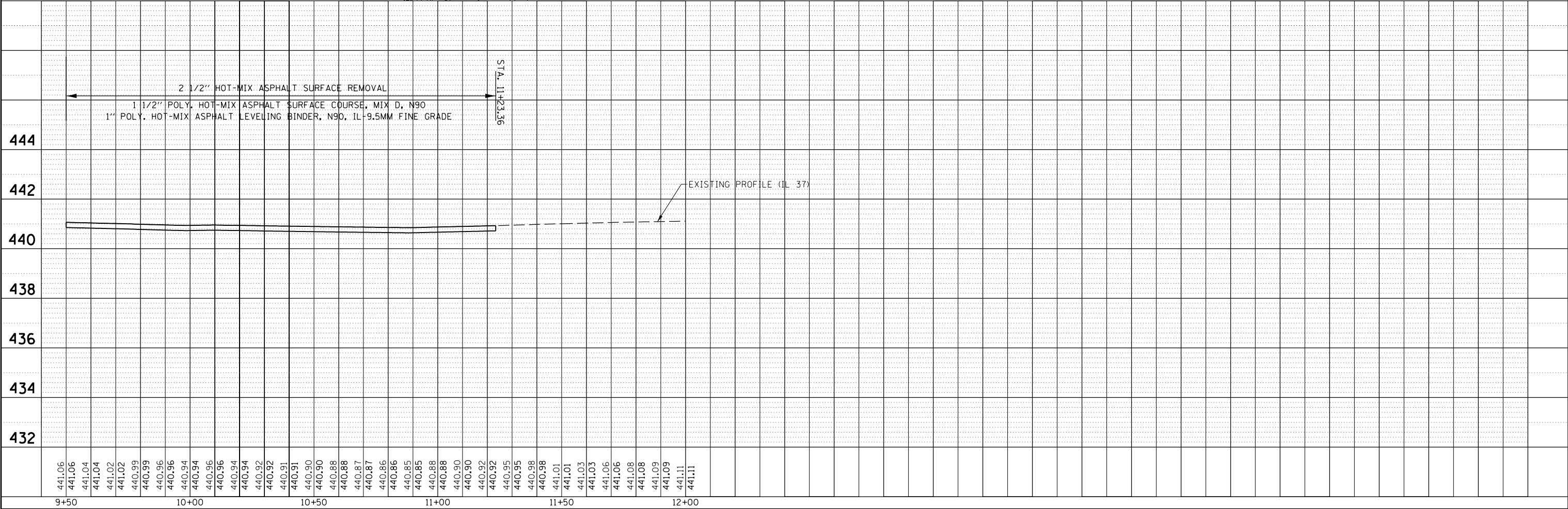
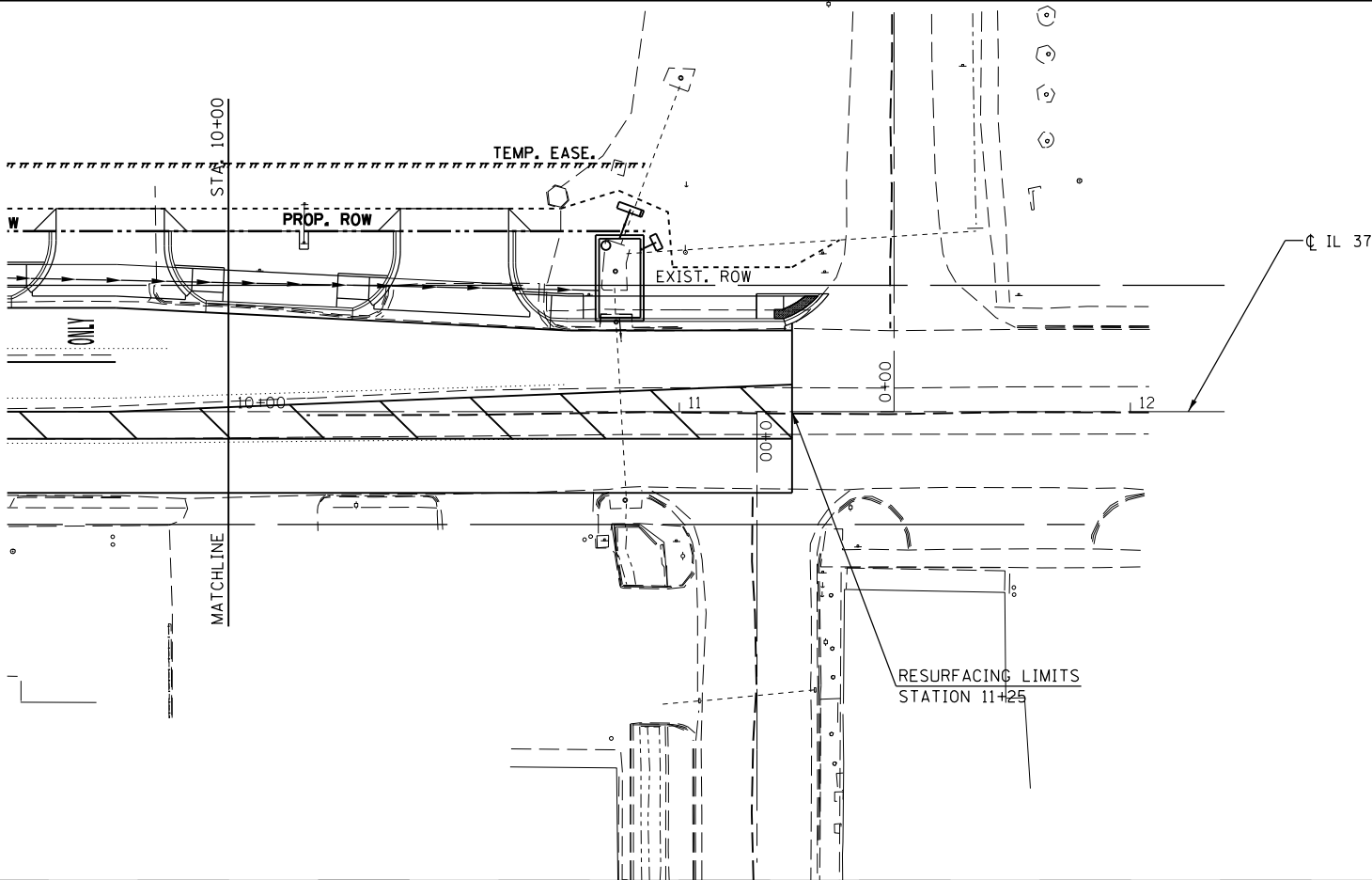
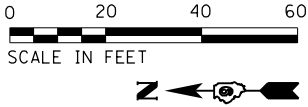
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NOTE BOOK	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
NO.			



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Default		PLOT SCALE = 40.0000' / in.	CHECKED -		CONTRACT NO. 78367								
		PLOT DATE = 10/28/2016	DATE -		REVISED -								
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
					ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	CHECKED		
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PROFILE	SURVEYED	BY	DATE
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NOTE BOOK NO.	CHECKED		
	STRUCTURE NOTATIONS CHKD		

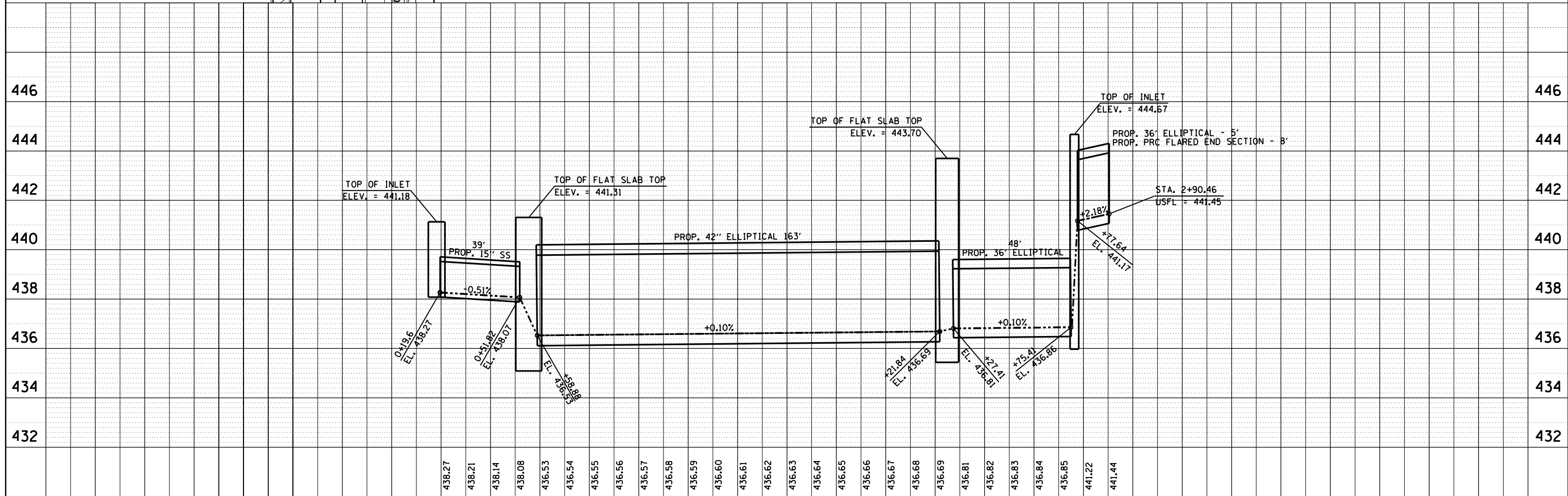


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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ROADWAY PROFILES (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	33
								CONTRACT NO. 78367				
								ILLINOIS FED. AID PROJECT				

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTAT'NS CH'KD _____		



		0+0	0+40	0+80	1+20	1+60	2+00	2+40	2+80						
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				STORM SEWER PROFILE (IL 14 – LEFT PROFILE)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 10/28/2016	DATE -	REVISED -												
					SCALE:	SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

DRAINAGE STRUCTURE (SEE PLAN SHEET 52)
STA. 8+59.25 (IL 37) @ 30.05' LT
LID ELEV. FRONT = 441.02
LID ELEV. BACK = 441.18
INVERT ELEV. = 435.55
48" EQUIV. ELLIP. (NORTHEAST) ELEV. = 436.11
48" EQUIV. ELLIP. (SOUTH) ELEV. = 436.01

INLETS, SPECIAL
STA. 0+18.18 (IL 14) @ 45.23' LT
LID ELEV. FRONT = 441.13 (1.43% SLOPE)
LID ELEV. BACK = 441.18
INVERT ELEV. = 438.08
15" RCCP (EAST) ELEV. = 438.27

MANHOLES, TYPE A, 9'-DIAMETER,
TYPE 3 FRAME AND GRATE
STA. 0+55.48 (IL 14) @ 18.58' LT
LID ELEV. = 441.31
INVERT ELEV. = 435.87
42" ELLIPTICAL (EAST) ELEV. = 436.53
15" RCCP (WEST) ELEV. = 438.07
48" ELLIPTICAL (SOUTH) ELEV. = 436.33

MANHOLES, TYPE A, 8'-DIAMETER,
TYPE 1 FRAME, CLOSED LID
CONCRETE COLLAR = 0.19 CY
STA. 2+24.86 (IL 14) @ 21.94' LT
TOP OF LID ELEV. = 443.70
TOP OF CASTING ELEV. = 444.45
INVERT ELEV. = 436.21
36" RCCP (EAST) ELEV. = 436.81
42" ELLIPTICAL (WEST) ELEV. = 438.69
15" RCCP (NORTH) ELEV. = 440.53

INLET, SPECIAL
CONCRETE COLLAR = 0.21 CY
STA. 2+76.39 (IL 14) @ 22.89' LT
TOP OF LID ELEV. = 444.67
INVERT ELEV. = 436.47
36" ELLIPTICAL (EAST) ELEV. = 441.17
36" ELLIPTICAL (WEST) ELEV. = 436.86
18" RCCP (NORTH) ELEV. = 441.61

PRECAST REINFORCED CONCRETE
FLARED END SECTION - ELLIPTICAL, EQUIV.
ROUND-SIZE 36"
STA. 2+90.46 (IL 14) @ 22.36' LT
INVERT ELEV. = 441.45

MANHOLES, TYPE A, 5'-DIAMETER,
TYPE 1 FRAME, CLOSED LID
STA. 2+70.13 (IL 14) @ 9.68' RT
TOP OF CASTING = 444.45
INVERT ELEV. = 438.92
EXIST. 27" RCCP (EAST) ELEV. = 439.39
27" RCCP (SOUTH) ELEV. = 439.19

INLETS, TYPE A, 27"
GRATE TYPE 8
STA. 2+84.67 (IL 14) @ 24.73' RT
TOP OF INLET ELEV. = 444.15
INVERT ELEV. = 439.03
15" RCCP (WEST) ELEV. = 439.22

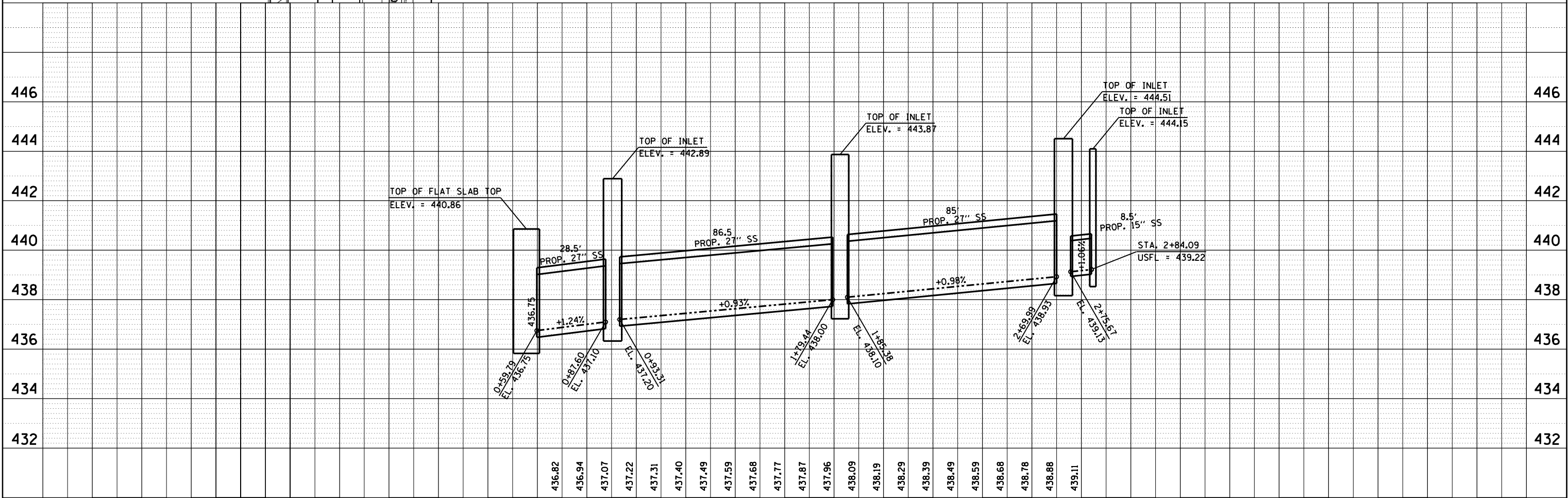
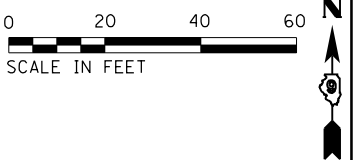
INLETS, SPECIAL
STA. 2+72.76 (IL 14) @ 26.21' RT
LID ELEV. FRONT = 444.51
LID ELEV. BACK = 444.58
INVERT ELEV. = 438.66
27" RCCP (NORTH) ELEV. = 439.13
27" RCCP (WEST) ELEV. = 438.93
15" RCCP (EAST) ELEV. = 439.13

STORM SEWER, CLASS A,
TYPE 1 27"

MANHOLES, TYPE A, 9'-DIAMETER,
TYPE 3 FRAME AND GRATE
STA. 0+55.56 (IL 14) @ 35.81' RT
TOP OF FLAT TOP SLAB ELEV. = 440.86
TOP OF FRAME AND GRATE ELEV. = 442.03
INVERT ELEV. = 435.72
48" EQUIV. ELLIPTICAL (NORTH) ELEV. = 436.28
27" RCCP (EAST) ELEV. = 436.75
48" EQUIV. ELLIPTICAL (SOUTHWEST) ELEV. = 436.18

INLETS, SPECIAL
STA. 0+90.42 (IL 14) @ 30.50' RT
LID ELEV. FRONT = 442.89
LID ELEV. BACK = 442.96
INVERT ELEV. = 436.83
27" RCCP (EAST) ELEV. = 437.20
27" RCCP (WEST) ELEV. = 437.10

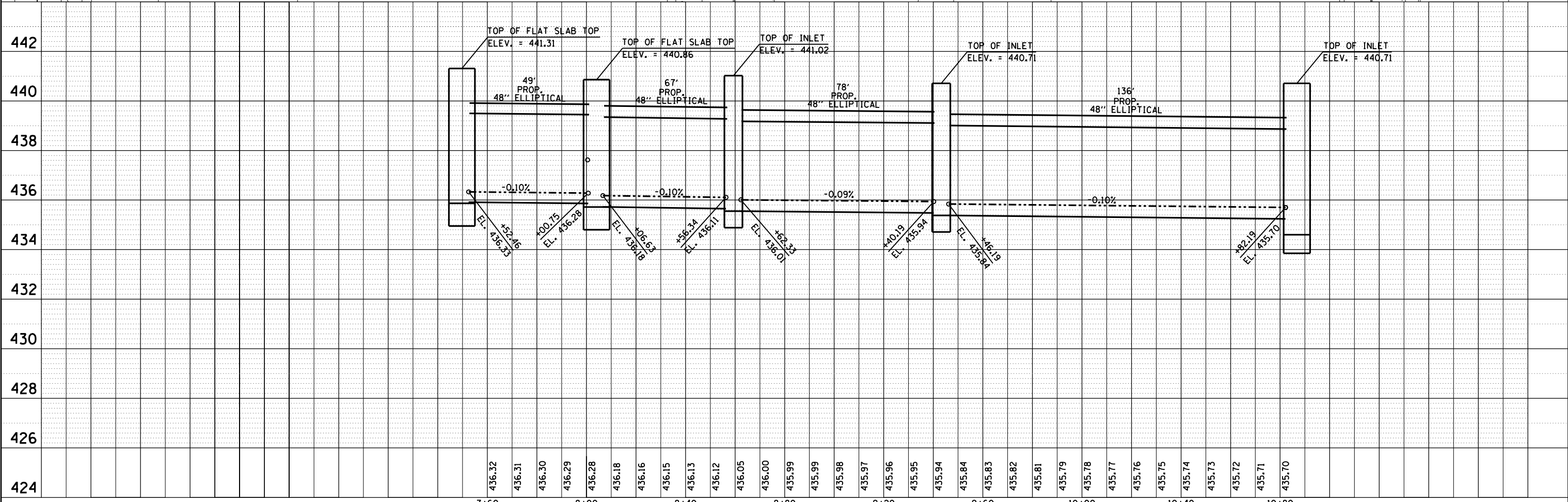
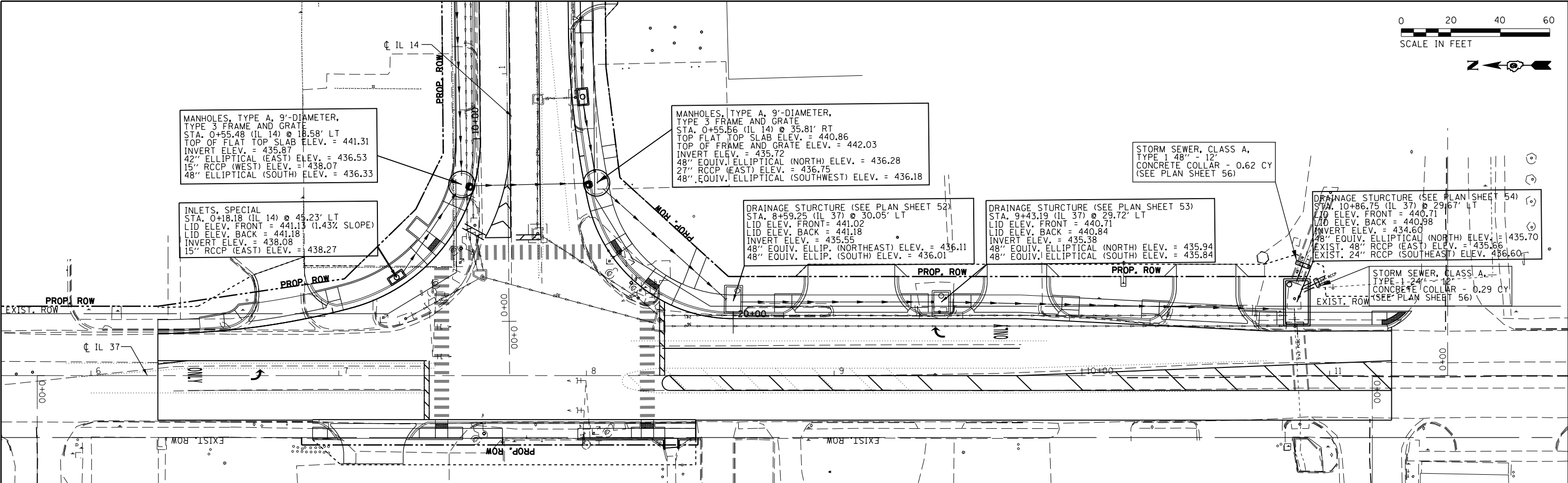
INLETS, SPECIAL
STA. 1+82.43 (IL 14) @ 29.29' RT
LID ELEV. FRONT = 443.87
LID ELEV. BACK = 443.94
INVERT ELEV. = 437.73
27" RCCP (EAST) ELEV. = 438.10
27" RCCP (WEST) ELEV. = 438.00



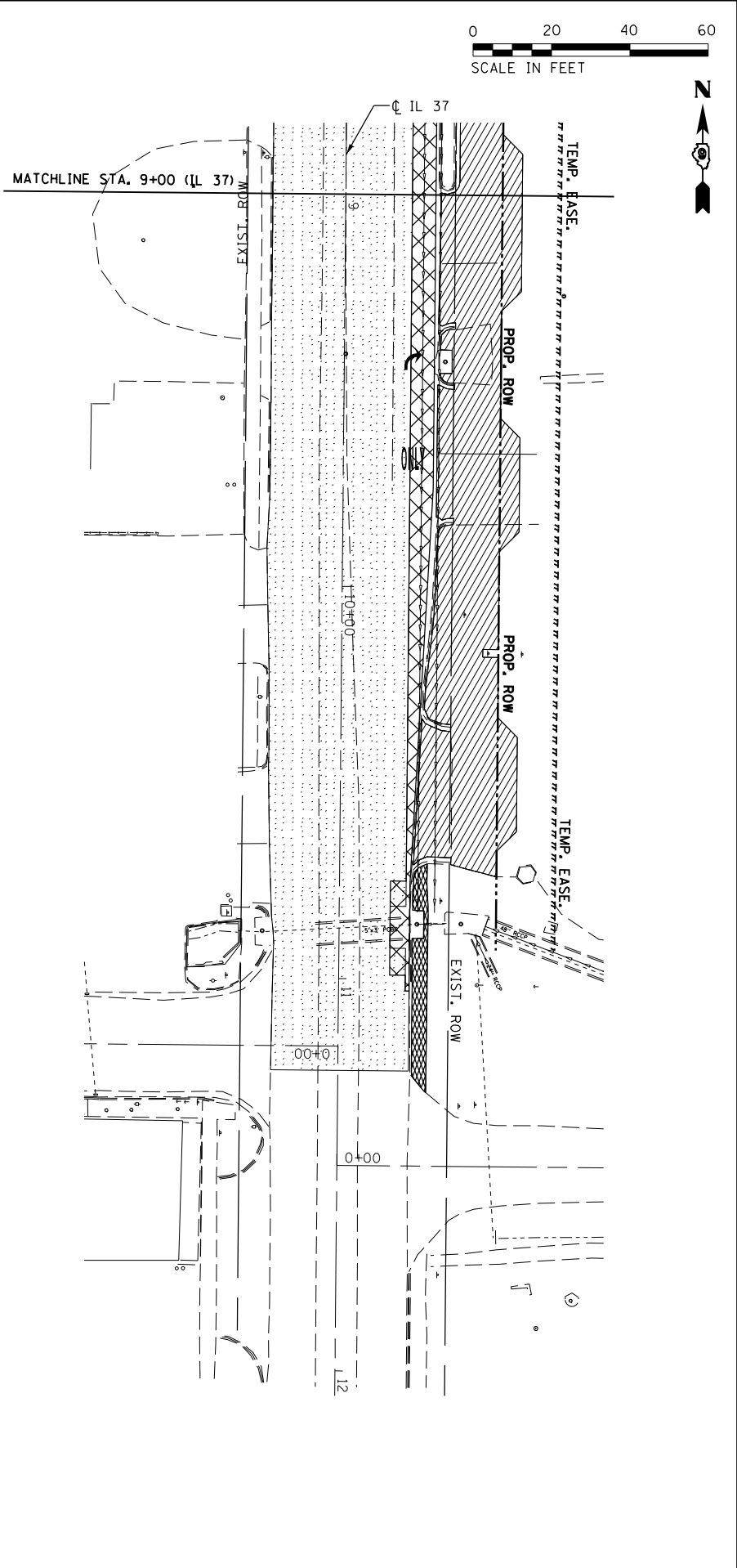
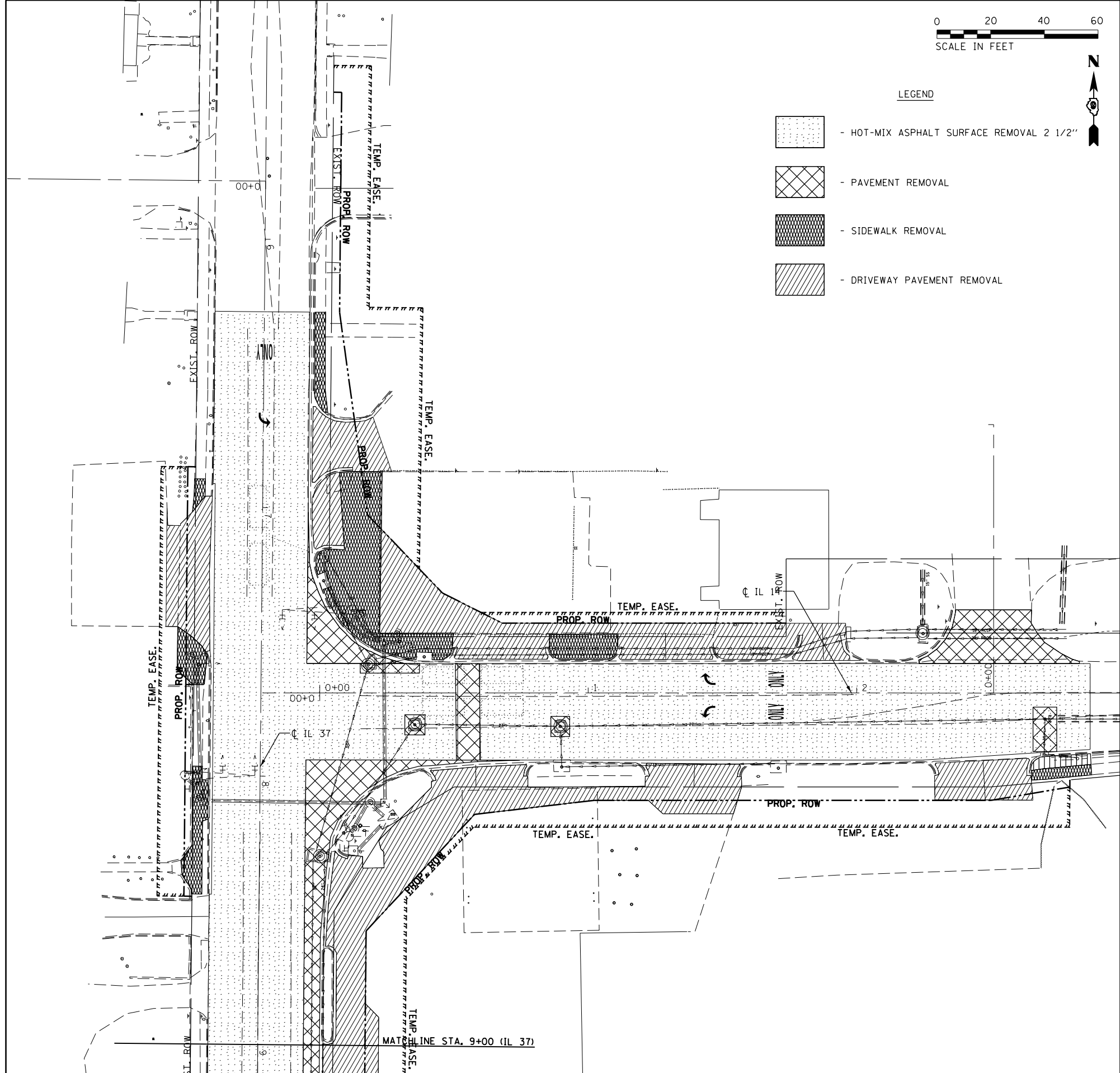
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER PROFILE (IL 14 – RIGHT PROFILE)	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt:\IL084EBIDINTEG.allinois.gov\PIWIDOT\Documents\100T Offices\District 9\Projects\78367\DRAWN\CAD\sheets\78367-shtc-plnprf.dgn		DRAWN	REVISED -									873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	35
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -									CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NO.	NO.		
NOTE BOOK	ALIGNED		
	CADD FILE NAME		

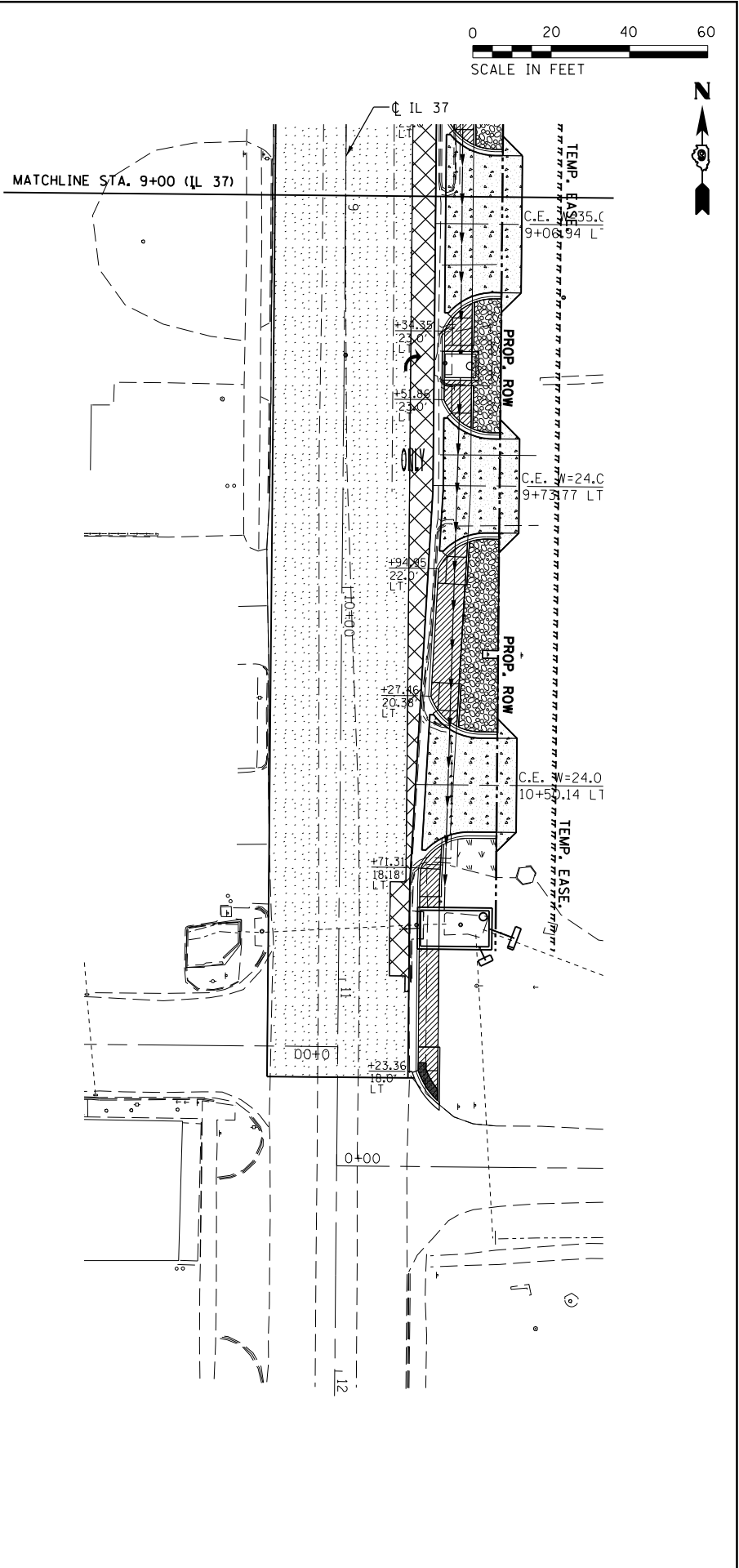
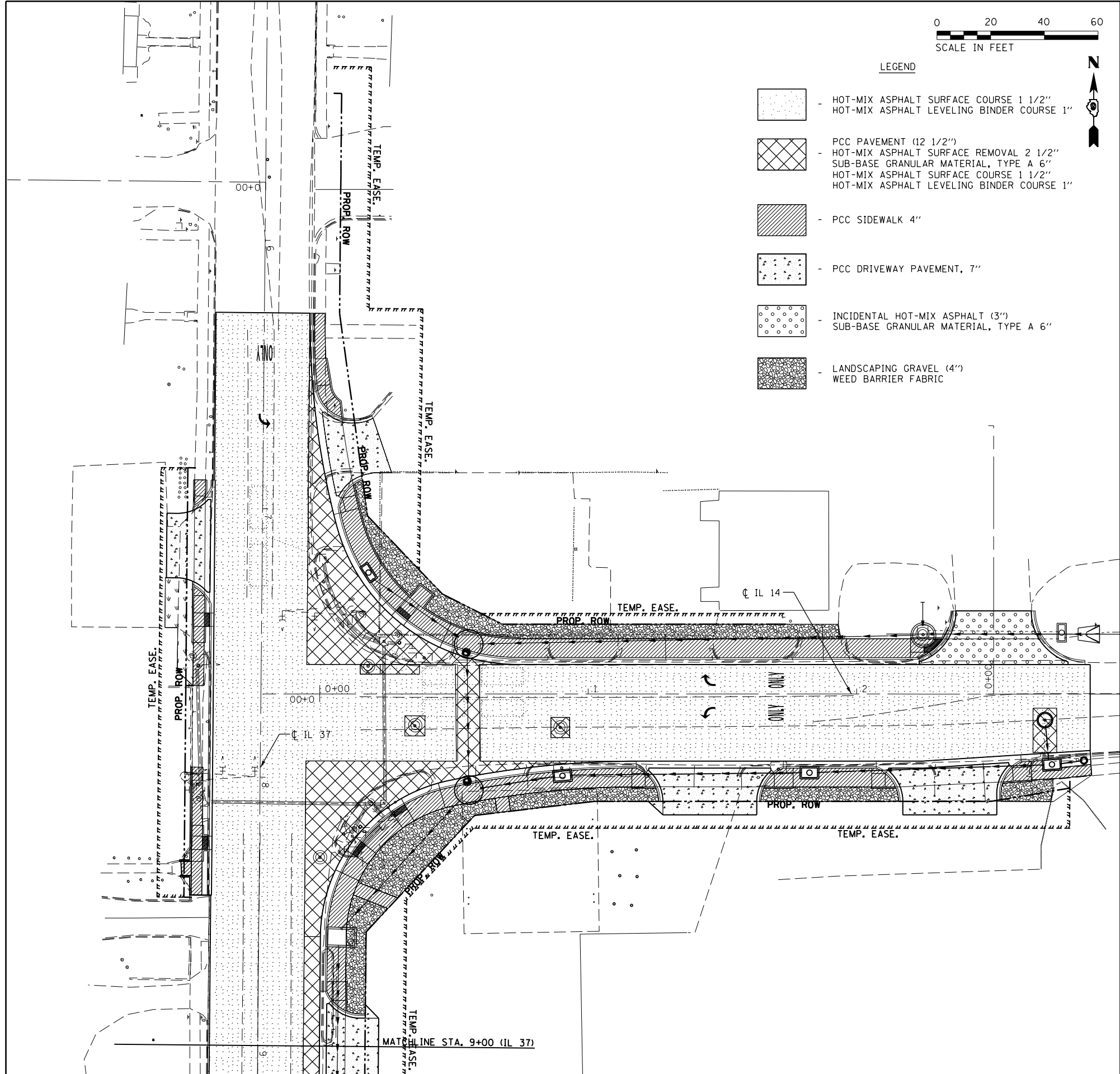
PROFILE	SURVEYED	BY	DATE
NO.	NO.		
NOTE BOOK	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		



FILE NAME = pwt\IL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78367\CDRAW\CAD\Sheets\78367-shite-plnprfd.dgn Default	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER PROFILE (IL37 – LEFT PROFILE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	36
	PLOT DATE = 10/28/2016	DATE -	REVISED -			CONTRACT NO. 78367				
	SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL SHEET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\1084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\78367-shr-plnprf.dgn									853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	37
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78367								
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION SHEET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\1084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\78367-shr-plnprf.dgn									853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	38
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78367								
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
					ILLINOIS FED. AID PROJECT								



SIGN ACCORDING TO
HIGHWAY STANDARD BLR-22

TYPE 3 BARRICADES WITH FLASHING LIGHTS

- IL 14

SIGN ACCORDING TO HIGHWAY STANDARD 701502
 ADD LEFT TURN AHEAD CLOSED SIGN

SIGN ACCORDING TO HIGHWAY STANDARD 701502

ADD RIGHT TURN AHEAD CLOSED SIGN

DRUMS WITH STEADY BURNING LIGHTS
AT 25' CTS

DRUMS WITH STEADY BURNING LIGHTS
/ AT 20' CTS IN TAPER /

TYPE 3 BARRICADES WITH FLASHING LIGHTS

TYPE III TEMPORARY TAPE (4" SOLID, YELLOW)

TYPE III TEMPORARY TAPE (4" SOLID, WHITE)

STAGING PLAN

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

THE INSTALLING AND MAINTAINING OF THE TYPE III TEMPORARY TAPE FOR THIS STAGE WILL NOT BE PAID FOR SEPERATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL

SIGNING FOR THE EAST LEG CLOSURE OF IL 14 SHALL BE ACCORDING TO BLR 22

CONFLICTING PAVEMENT MARKINGS SHALL BE COVERED WITH TYPE 3 TEMPORARY TAPE, BLACK

1. REMOVE PAVEMENT AND STORM SEWER UNDER PAVEMENT REMOVAL AS WELL AS ALL MANHOLES IN THE MAINLINE PAVEMENT UNDER THE CLOSURE
2. FILL ALL APPLICABLE EXISTING STORM SEWER (42 CY)
3. COMPLETE THE PROPOSED STORM SEWER AS SHOWN, ALONG WITH ANY OTHER STORM SEWER THAT IS DEEMED NECESSARY BY THE ENGINEER TO MAINTAIN FLOW OF WATER THROUGH THE PROJECT LIMITS AS WELL AS POSSIBLE.
4. COMPLETE THE SUBBASE, PCC BASE COURSE
5. 5 CONSECUTIVE INTERSECTION RENTAL DAYS WILL BE PROVIDED FOR THIS STAGE.

 - PCC BASE COURSE
SUB-BASE GRANULAR MATERIAL, TYPE A 6"

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\783670\DRAWING\CAD\Sheets\shd-stageconstruction\REVISED -		CHECKED -	REVISED -			873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	39	
PLOT SCALE = 0.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 783670					
PLOT DATE = 10/28/2016	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					
Default				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		



----- - DETOUR ROUTE

* - PLACE SIGNING FOR IL 14 ROAD CLOSURE ACCORDING TO BLR-22

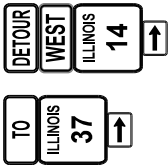
⑧ - SEE NEXT SHEET FOR SIGN LAYOUTS

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN (IL 14 CLOSURE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwt\1\084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78367\DRAWING\CA\Sheets\shdt-stageconstruction\REVISED -	PLOT SCALE = 40.0000' / 1in.	CHECKED -	REVISED -			873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	40	
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -			CONTRACT NO. 78367					
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

1



INDUSTRIAL PARK



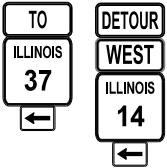
IL 14



2

ILLINOIS ST.

INDUSTRIAL PARK



3



IL 37



PETROFF RD.



ILLINOIS ST.



4

IL 37

IL 14



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
p:\1\1084EBID\INTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\DRAWING\to\CAD\sheets\shd-stageconstruction\REVISED -			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/28/2016	DATE -	REVISED -

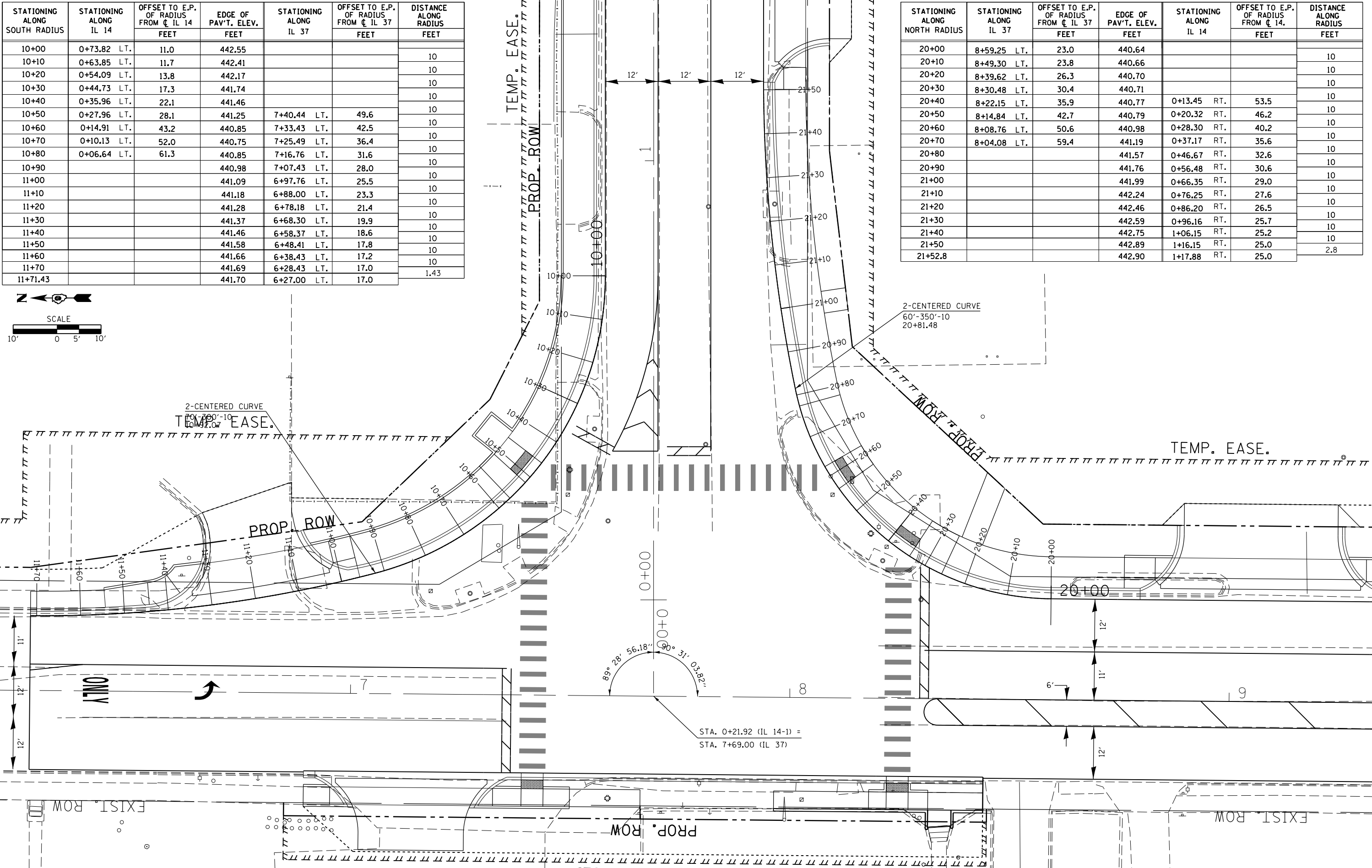
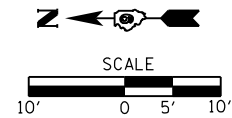
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN (IL 14 CLOSURE)

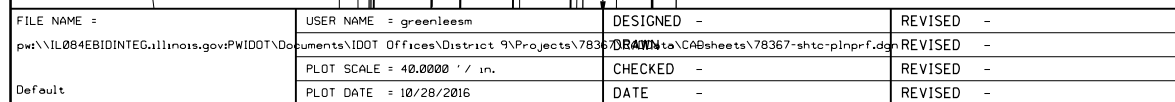
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	41
CONTRACT NO. 78367			ILLINOIS FED. AID PROJECT	

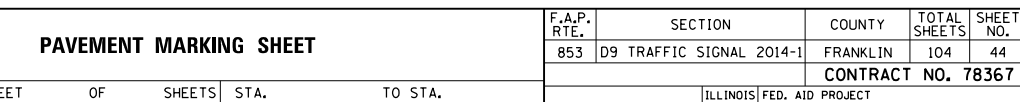
STATIONING ALONG SOUTH RADIUS	STATIONING ALONG IL 14	OFFSET TO E.P. OF RADIUS FROM C IL 14	EDGE OF PAV'T. ELEV.	STATIONING ALONG IL 37	OFFSET TO E.P. OF RADIUS FROM C IL 37	DISTANCE ALONG RADIUS
		FEET	FEET		FEET	
10+00	0+73.82 LT.	11.0	442.55			10
10+10	0+63.85 LT.	11.7	442.41			10
10+20	0+54.09 LT.	13.8	442.17			10
10+30	0+44.73 LT.	17.3	441.74			10
10+40	0+35.96 LT.	22.1	441.46			10
10+50	0+27.96 LT.	28.1	441.25	7+40.44 LT.	49.6	10
10+60	0+14.91 LT.	43.2	440.85	7+33.43 LT.	42.5	10
10+70	0+10.13 LT.	52.0	440.75	7+25.49 LT.	36.4	10
10+80	0+06.64 LT.	61.3	440.85	7+16.76 LT.	31.6	10
10+90			440.98	7+07.43 LT.	28.0	10
11+00			441.09	6+97.76 LT.	25.5	10
11+10			441.18	6+88.00 LT.	23.3	10
11+20			441.28	6+78.18 LT.	21.4	10
11+30			441.37	6+68.30 LT.	19.9	10
11+40			441.46	6+58.37 LT.	18.6	10
11+50			441.58	6+48.41 LT.	17.8	10
11+60			441.66	6+38.43 LT.	17.2	10
11+70			441.69	6+28.43 LT.	17.0	10
11+71.43			441.70	6+27.00 LT.	17.0	1.43

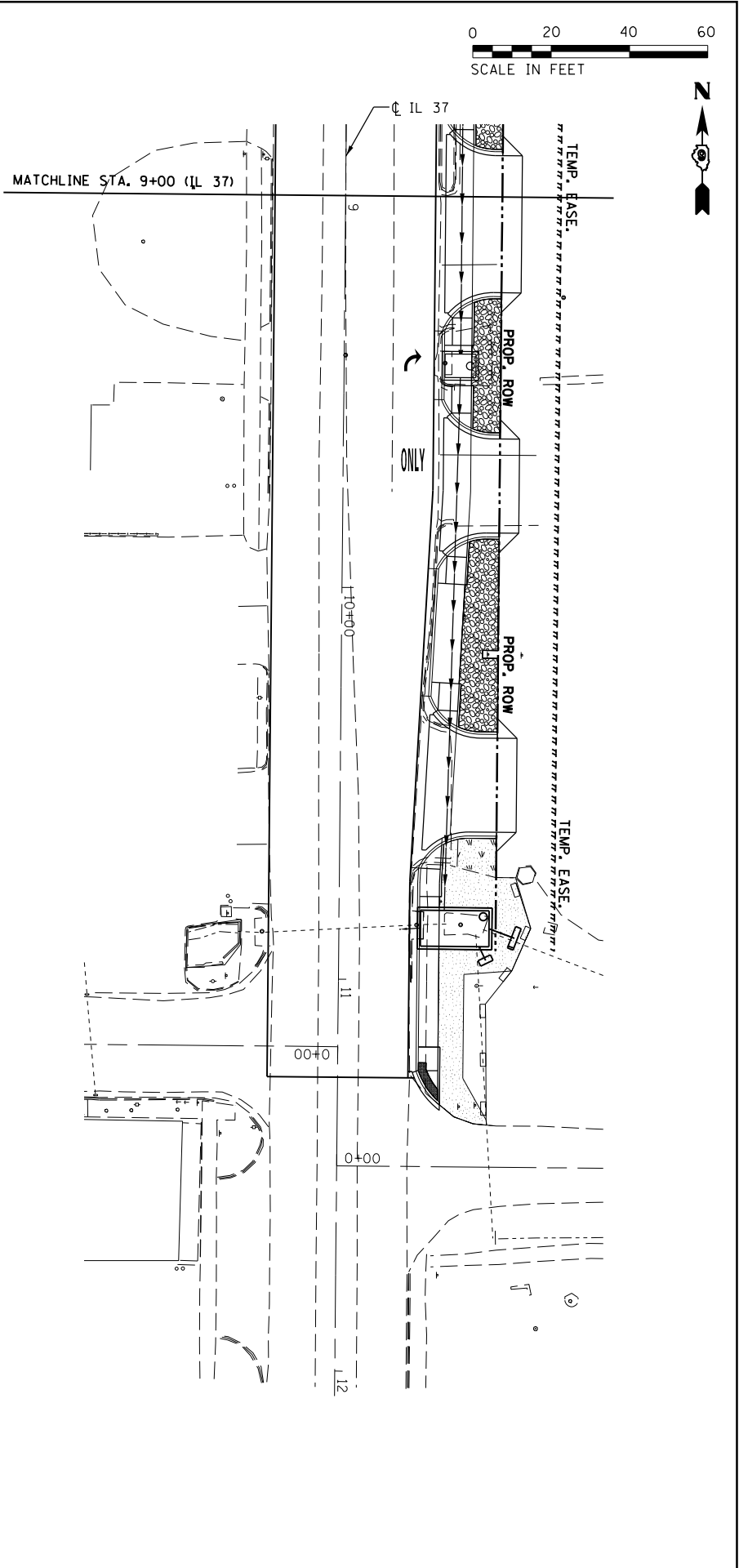
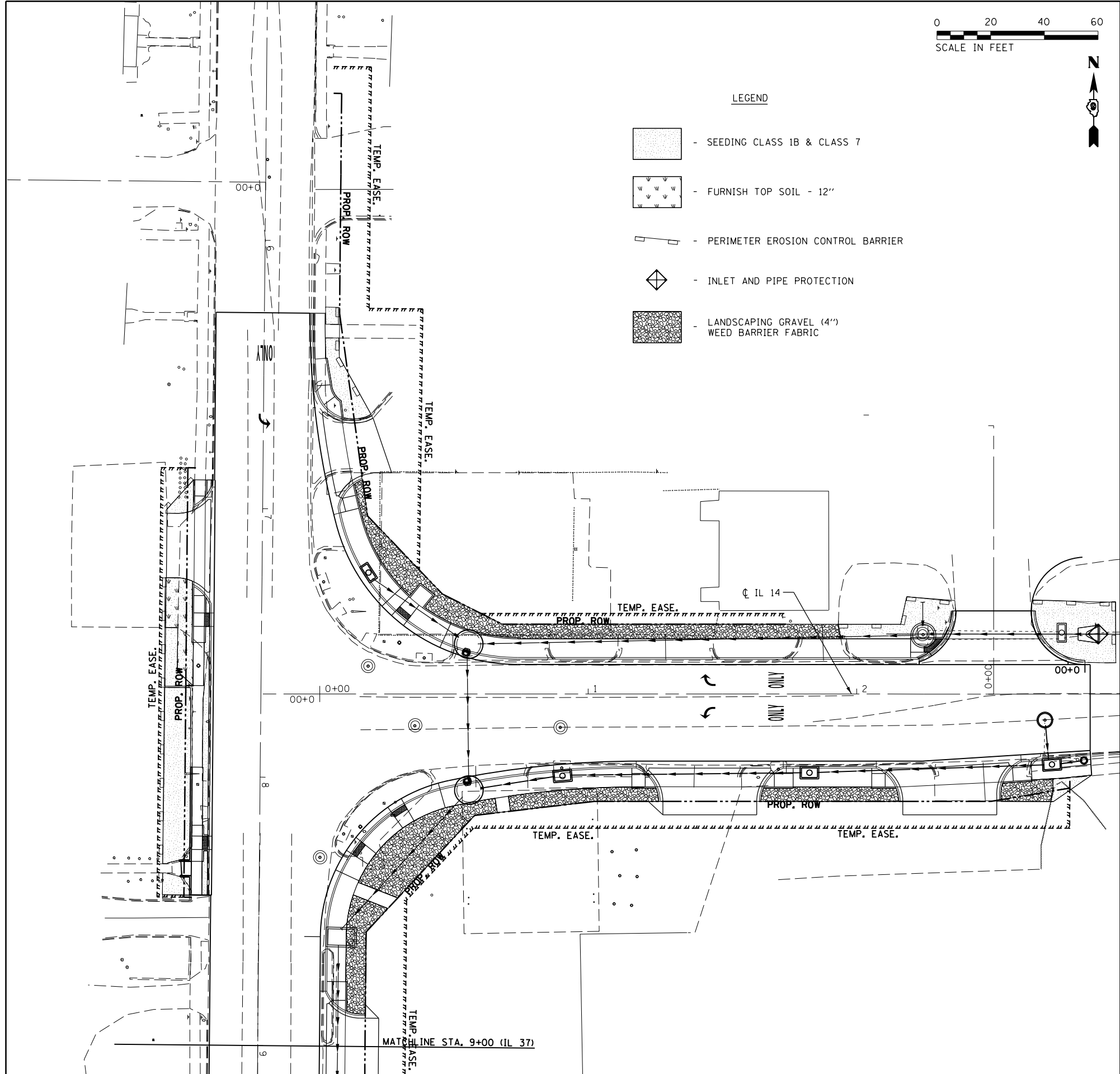


STATIONING ALONG NORTH RADIUS	STATIONING ALONG IL 37	OFFSET TO E.P. OF RADIUS FROM C IL 37	EDGE OF PAV'T. ELEV.	STATIONING ALONG IL 14	OFFSET TO E.P. OF RADIUS FROM C IL 14	DISTANCE ALONG RADIUS
		FEET	FEET		FEET	
20+00	8+59.25 LT.	23.0	440.64			10
20+10	8+49.30 LT.	23.8	440.66			10
20+20	8+39.62 LT.	26.3	440.70			10
20+30	8+30.48 LT.	30.4	440.71			10
20+40	8+22.15 LT.	35.9	440.77	0+13.45 RT.	53.5	10
20+50	8+14.84 LT.	42.7	440.79	0+20.32 RT.	46.2	10
20+60	8+08.76 LT.	50.6	440.98	0+28.30 RT.	40.2	10
20+70	8+04.08 LT.	59.4	441.19	0+37.17 RT.	35.6	10
20+80			441.57	0+46.67 RT.	32.6	10
20+90			441.76	0+56.48 RT.	30.6	10
21+00			441.99	0+66.35 RT.	29.0	10
21+10			442.24	0+76.25 RT.	27.6	10
21+20			442.46	0+86.20 RT.	26.5	10
21+30			442.59	0+96.16 RT.	25.7	10
21+40			442.75	1+06.15 RT.	25.2	10
21+50			442.89	1+16.15 RT.	25.0	10
21+52.8			442.90	1+17.88 RT.	25.0	2.8

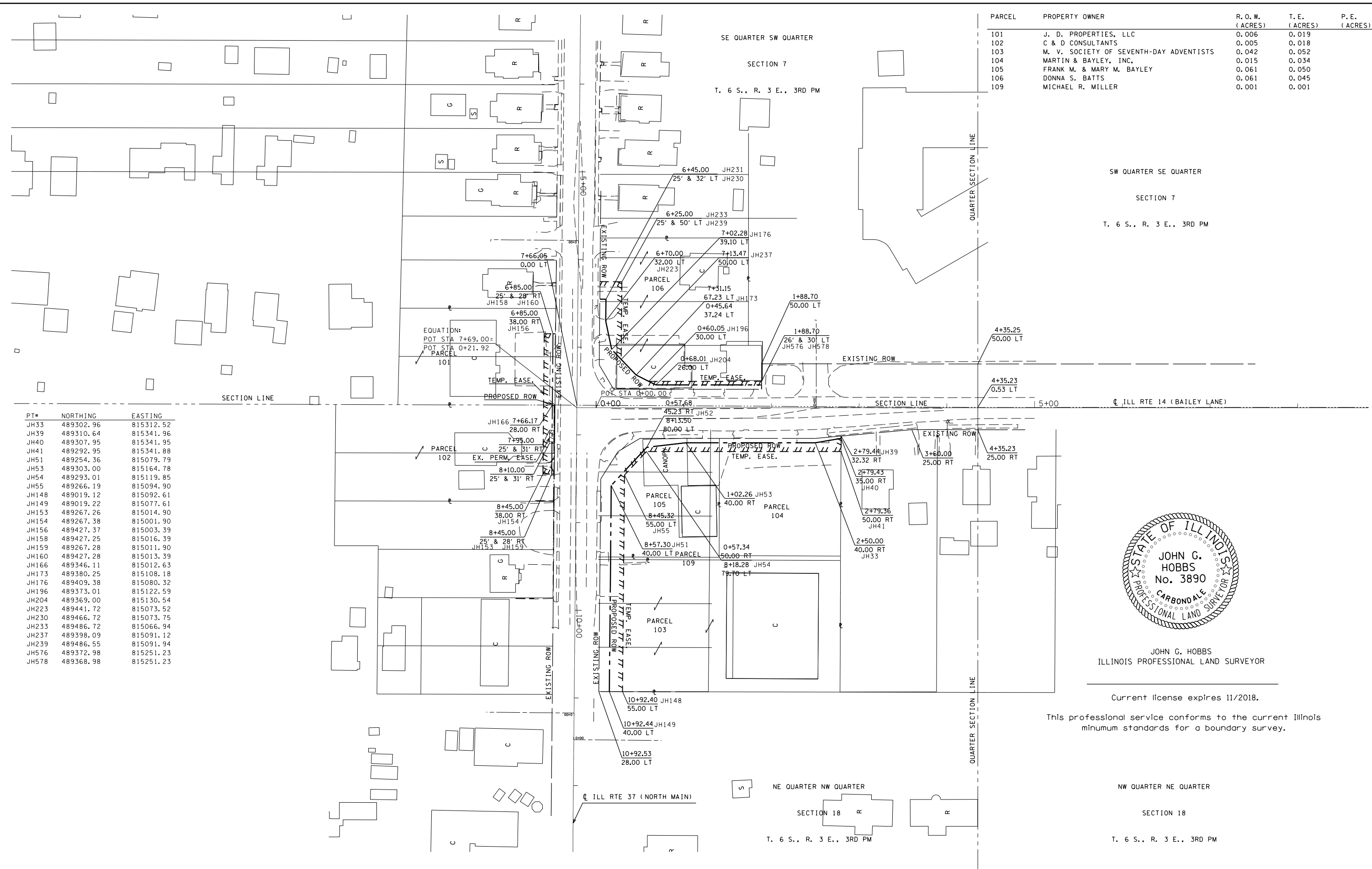


SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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PARCEL	PROPERTY OWNER	R. O. W. (ACRES)	T. E. (ACRES)	P. E. (ACRES)
101	J. D. PROPERTIES, LLC	0.006	0.019	
102	C & D CONSULTANTS	0.005	0.018	
103	M. V. SOCIETY OF SEVENTH-DAY ADVENTISTS	0.042	0.052	
104	MARTIN & BAYLEY, INC.	0.015	0.034	
105	FRANK M. & MARY M. BAYLEY	0.061	0.050	
106	DONNA S. BATTS	0.061	0.045	
109	MICHAEL R. MILLER	0.001	0.001	



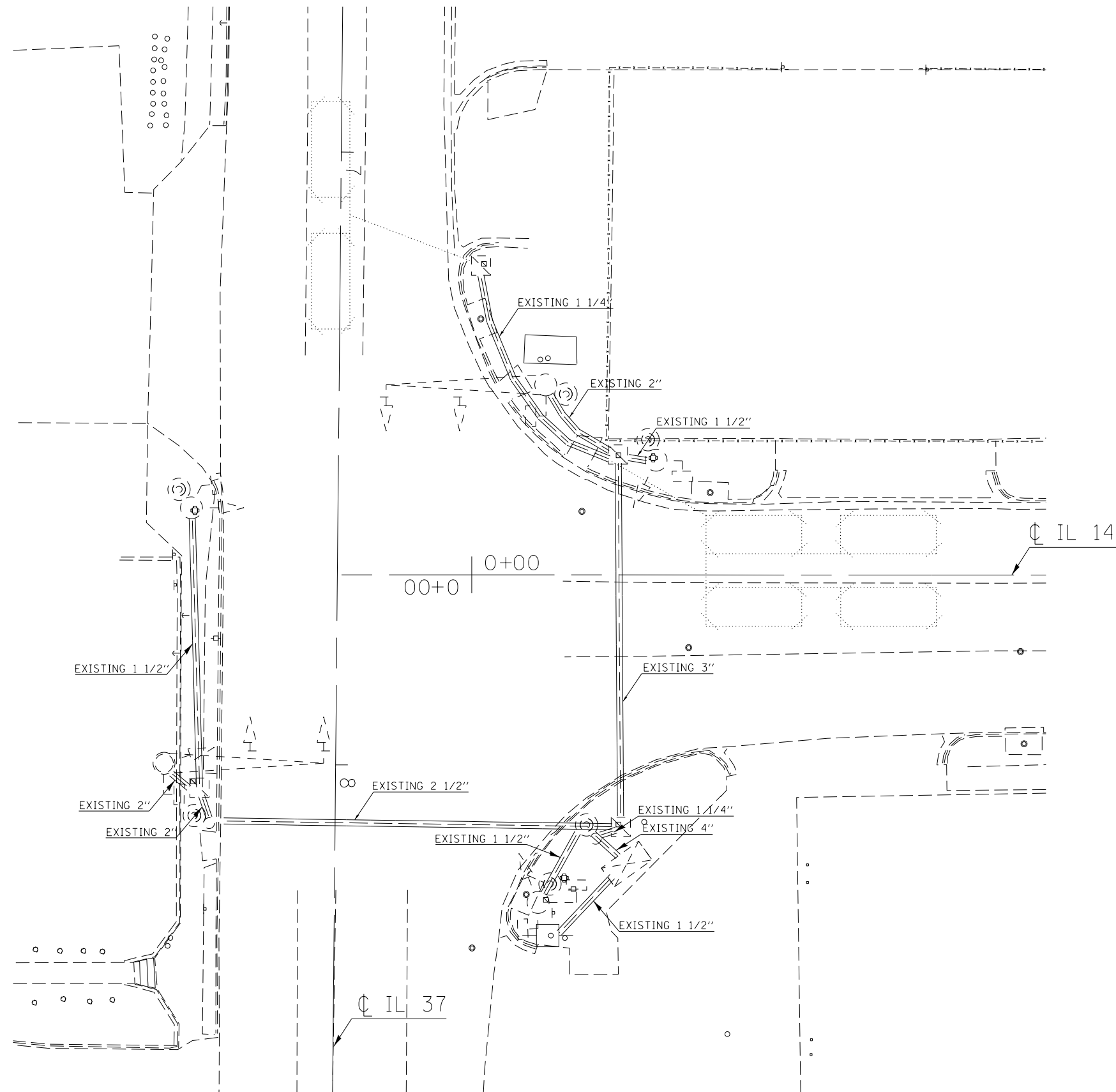
A circular seal for a Professional Land Surveyor in the State of Illinois. The outer ring contains the text "STATE OF ILLINOIS" at the top and "PROFESSIONAL LAND SURVEYOR" at the bottom, separated by two stars. The inner circle contains the name "JOHN G. HOBBS", the number "No. 3890", and the word "CARBONALE" at the bottom. The seal is surrounded by a decorative rope-like border.

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2018.

This professional service conforms to the current Illinois minimum standards for a boundary survey.

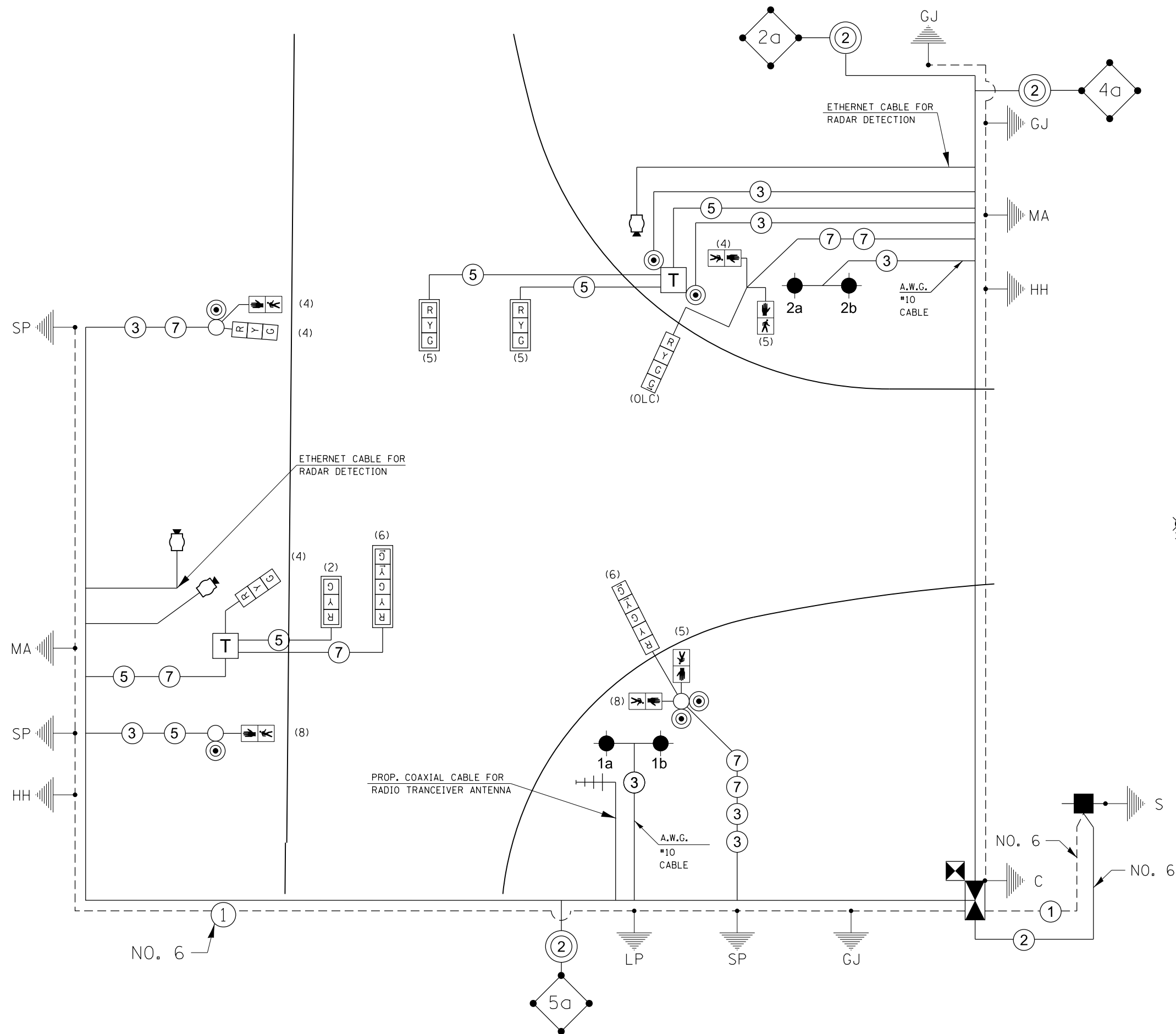
FILE NAME =	USER NAME = greenleasm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROW SHEET					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
px\\IL084BID\INTEG Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\78367-CAD\Drawings\78367-shtf-row.dgn		REVISIONS	REVISIONS							873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	46
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78367									
Default	PLOT DATE = 1/6/2017	DATE	REVISED -											
					SCALE: 1" = 100'	SHEET 1	OF 1	SHEETS	STA. 6+00.00	TO STA. 10+93.00	R-99-005-14 ILLINOIS FED. AID PROJECT			



- LEGEND

 -  EXISTING MAST ARM
 -  EXISTING SIGNAL POLE
 -  EXISTING BRACKET MOUNTED FACEPLATE
 -  EXISTING MAST ARM MOUNTED FACEPLATE
 -  EXISTING TRAFFIC SIGNAL CONTROLLER
 -  EXISTING HANDHOLE
 -  EXISTING CONDUIT
 -  EXISTING 6'X6' DETECTOR LOOP
 -  EXISTING DETECTOR LOOP LINE
 -  EXISTING PEDESTRIAN PUSH BUTTON
 -  EXISTING PEDESTRIAN HEAD

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNALS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\PIDOT Offices\District 9\Projects\78367\DRAWING\CAAsheets\78367-shtg-roadway.dwg		DRAWN -	REVISED -			853	09 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	47	
Default		CHECKED -	REVISED -			CONTRACT NO. 78367					
	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
	PLOT DATE = 10/28/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES

ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.

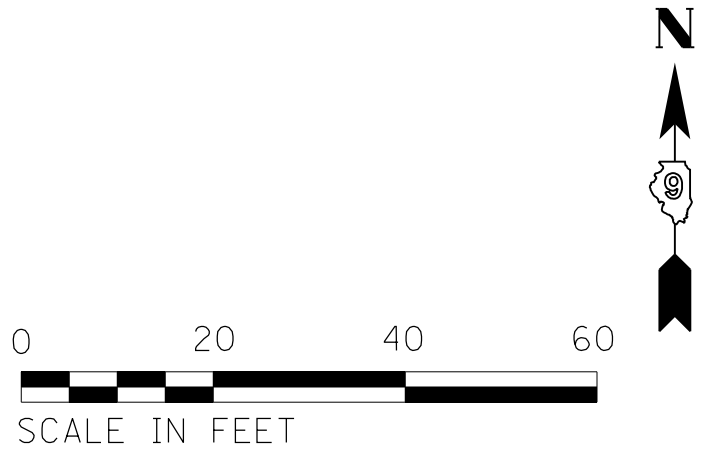
ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.

ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.

PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF RADIO TRANSCIVER.

ALL SIGNAL LENSES SHALL BE 12 INCHES.

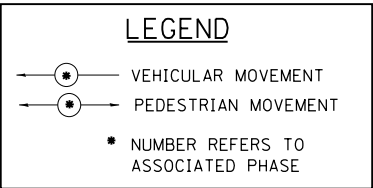
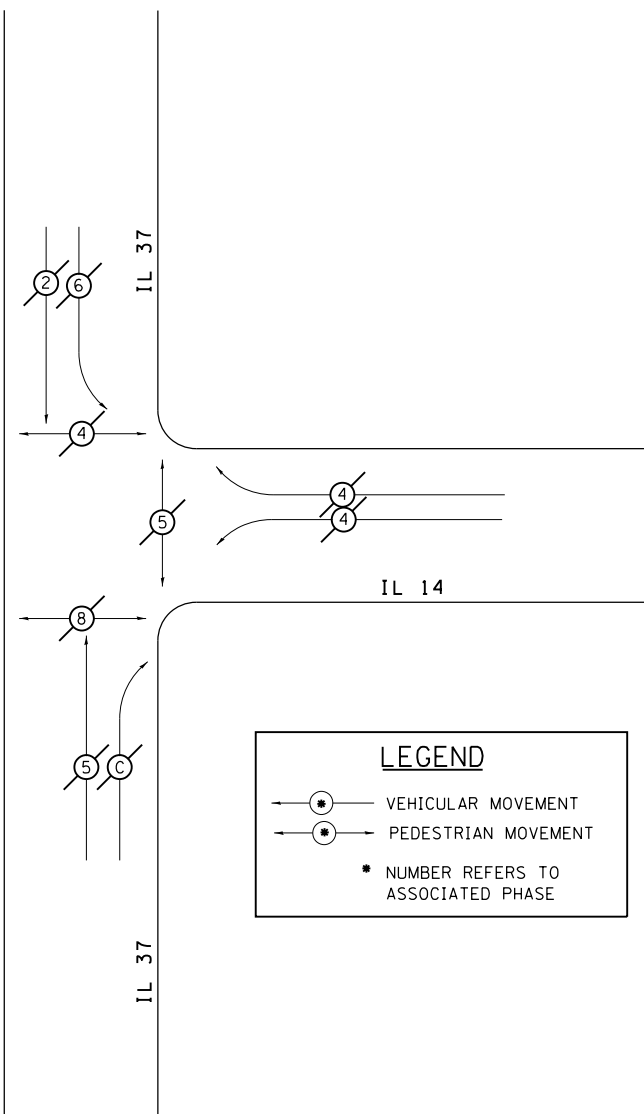
- LEGEND
- PEDESTRIAN PUSH BUTTON
 - PEDESTRIAN SIGNAL HEAD
 - MOTION AND DETECTION SENSOR TO BE PAID FOR AS RADAR VEHICLE DETECTION SYSTEM
 - TERMINAL BLOCK (SEE SPECIAL PROVISIONS).
 - TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
 - 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
 - TRAFFIC SIGNAL CONTROLLER CABINET
 - LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
 - NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
 - NUMBER IN PARENTHESIS INDICATES PHASE



PHASE DESIGNATION DIAGRAM
IL 37 & IL 14



REFERRING TO STANDARD 857001, THE
VEHICULAR AND PEDESTRIAN PHASES
USED ARE DESIGNATED AS SHOWN.



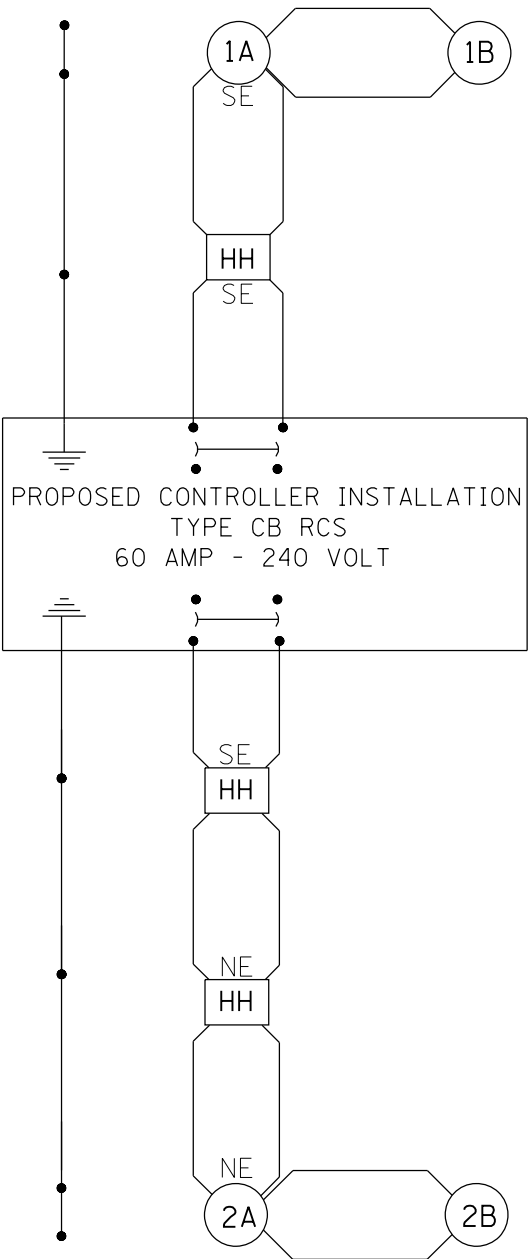
WIRING DIAGRAM FOR LIGHTING

NOTES:

1. FOR SIZE AND TYPE OF CABLE USED FOR LIGHTING
INSTALLATION SEE CABLE DIAGRAM SHEET NO. 49.

LEGEND FOR WIRING DIAGRAM

- HH** INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE.
NOTE: THE SIGNAL CONDUIT SYSTEM SHALL BE
UTILIZED TO INSTALL WIRING FOR ALL THE
PROPOSED LIGHTING SYSTEM, EXCEPT FOR
LIGHT POLES NO. .
- 1** NUMBER INDICATES POSITION OF POLE IN WIRING
DIAGRAM.
- INDICATES PROPOSED GROUND AT LIGHT POLE AND
CONTROL INSTALLATION.
- ⎓ INDICATES CONTINUOUS GROUND FROM CONTROL
INSTALLATION.



REVISIONS	
DRAWN	1-31-90
REVISED	5-30-90
REVISED	12-18-01
REVISED	3-27-08

STD. 9-66

REVISIONS	
DRAWN	7-27-93
REVISED	5-14-02
RESIZED	5-8-08

STD. 9-59

FILE NAME =	USER NAME = greenlees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PHASE DIAGRAM, LIGHTING DIAGRAM	SCALE: SHEET OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawn to CAD sheets\78367-shg-rdwyd\78367-shg-rdwyd.dwg		DRAWN	REVISED				853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	50
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

NOT TO SCALE



LEGEND

===== - PROPOSED UNDERGROUND CONDUIT, PVC

■ - PROPOSED HANDHOLE

◇ - DETECTOR LOOP TYPE 1

○ - GULF JUNCTION BOX

PROP GULFBOX JUNCTION
STA 2+15.14, 23.14' LT (IL 37)
ELEV. 444.65

PROP GULFBOX JUNCTION
STA 5+39.73, 23.56' LT (IL 37)
ELEV. 443.54

PROP GULFBOX JUNCTION
STA 10+31.19, 32.05' LT (IL 37)
ELEV. 440.98

1.5" PVC
292'

1.5" PVC
302'

IL 14

IL 37

1.5" PVC
180'

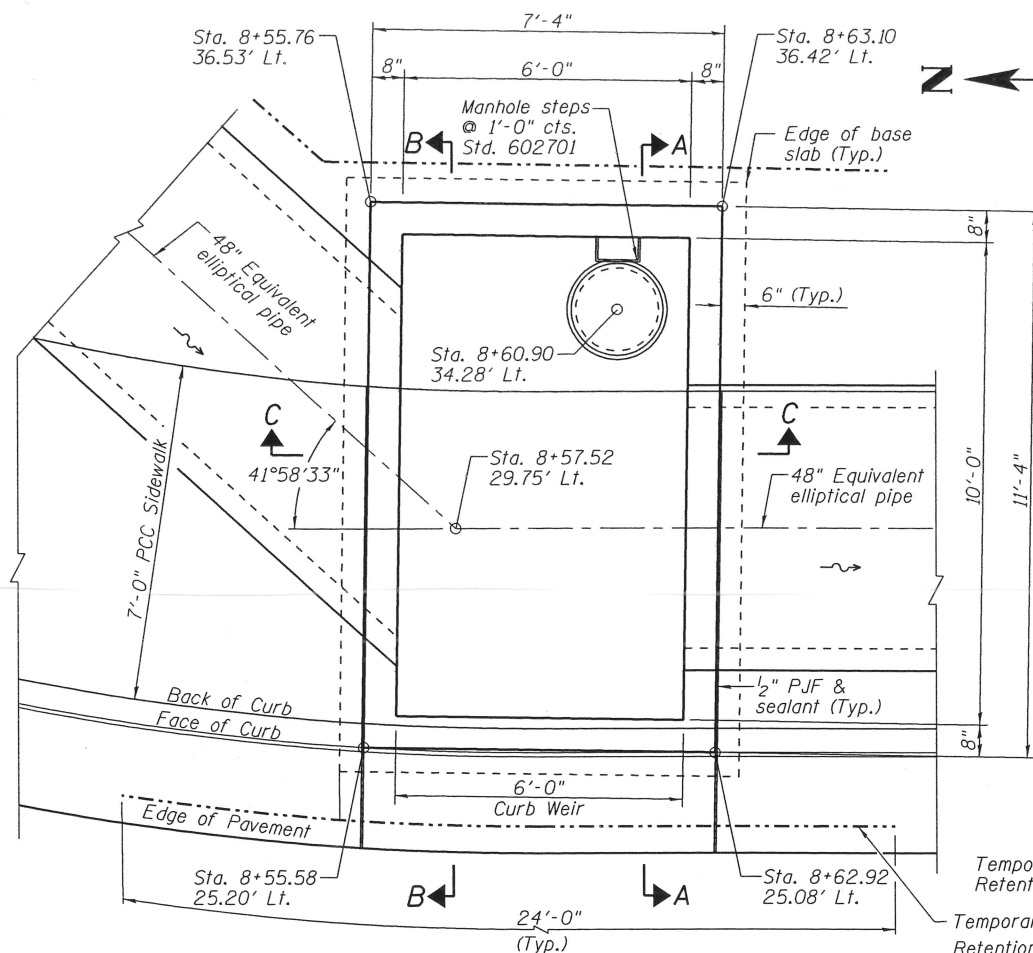
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP LAYOUT

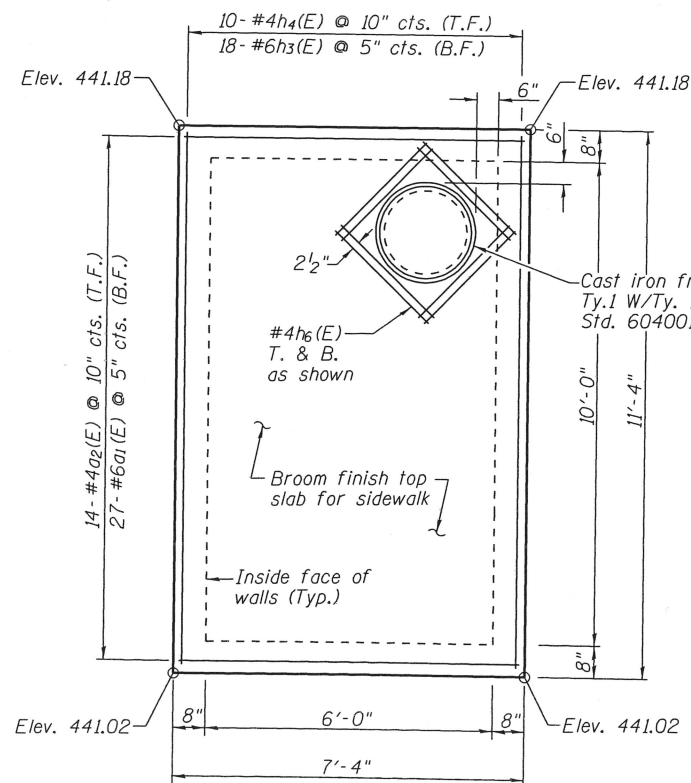
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	51
CONTRACT NO. 78367				
ILLINOIS FED. AID PROJECT				

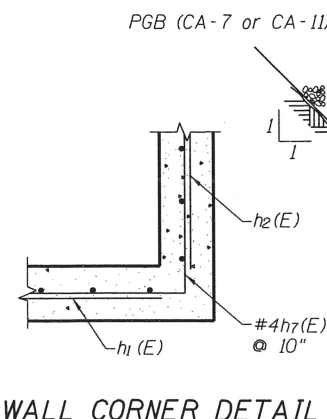
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
p:\1\1084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\CA\Sheets\78367-shg-rdwy-dt\78367-shg-rdwy-dt.dwg		DESIGNED -	REVISED -
Default	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/28/2016	DATE -	REVISED -



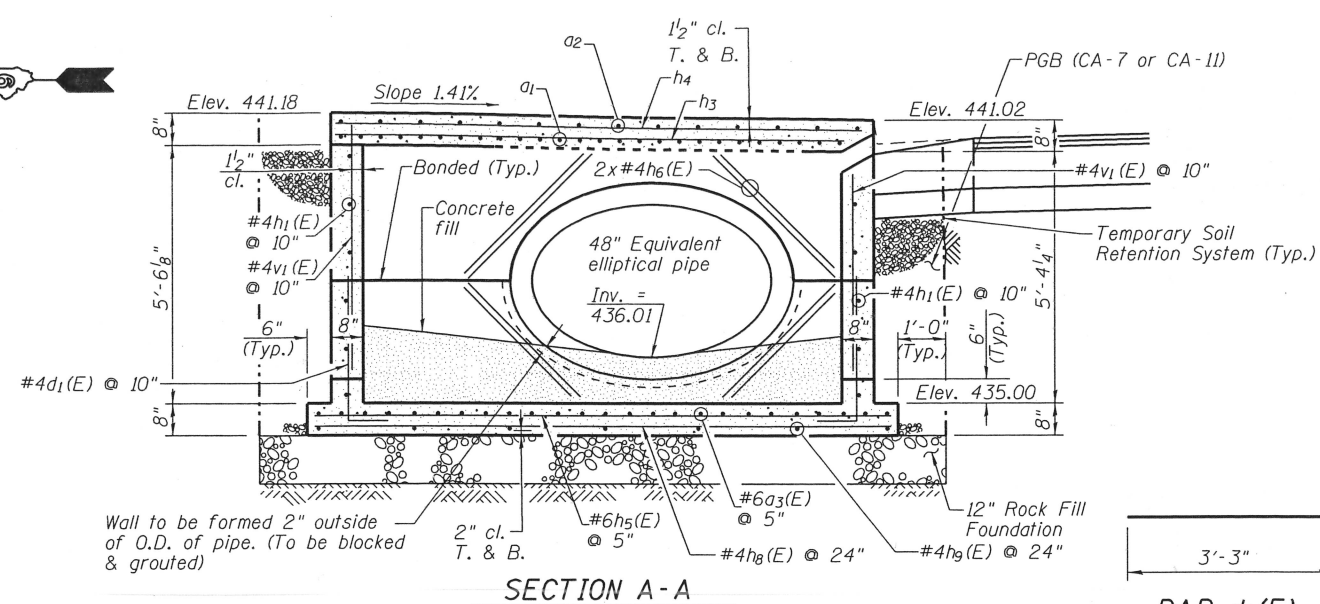
PLAN - DRAINAGE STRUCTURE STA. 8+59.25



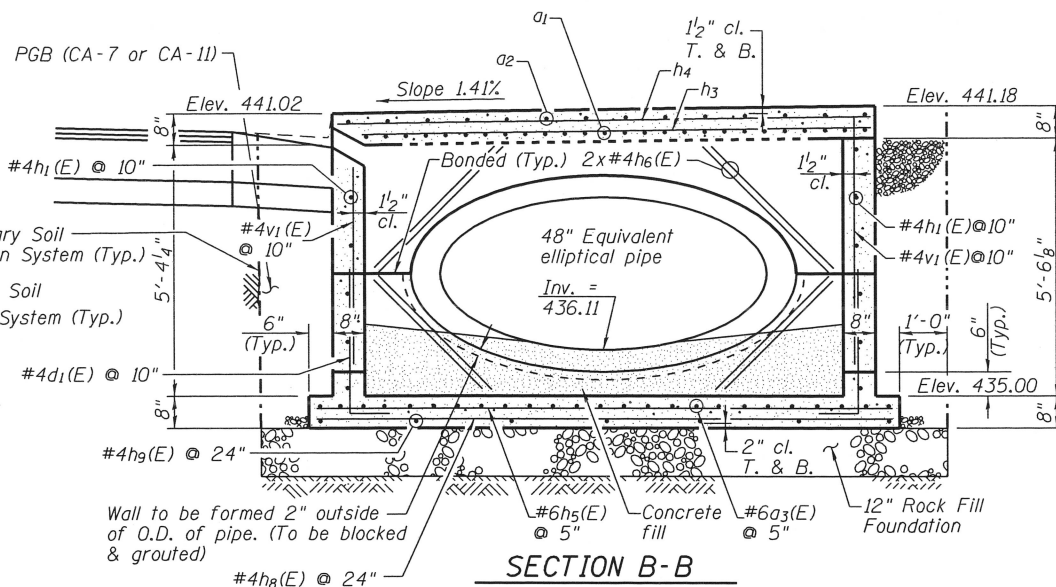
TOP SLAB PLAN
(Showing Top Slab Reinf.)



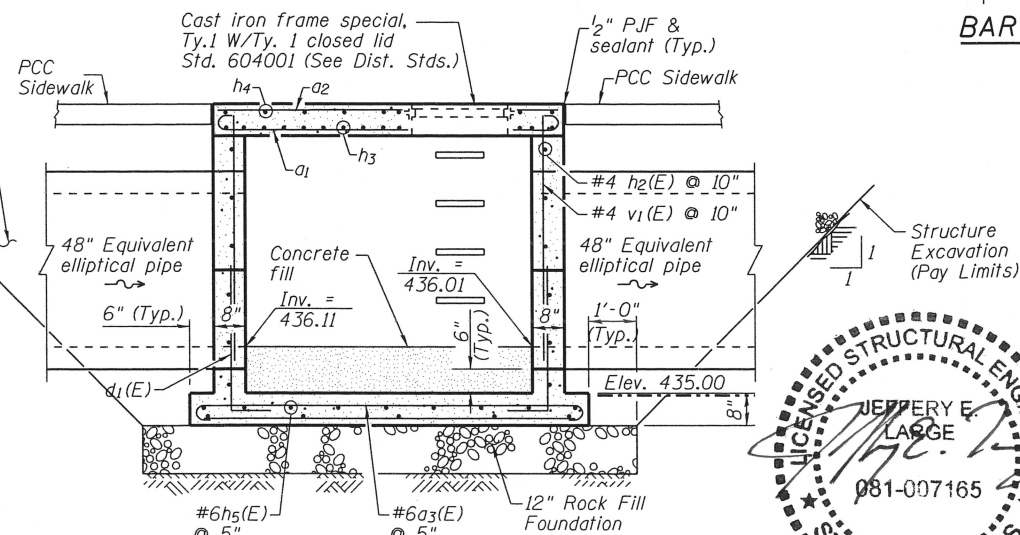
WALL CORNER DETAIL



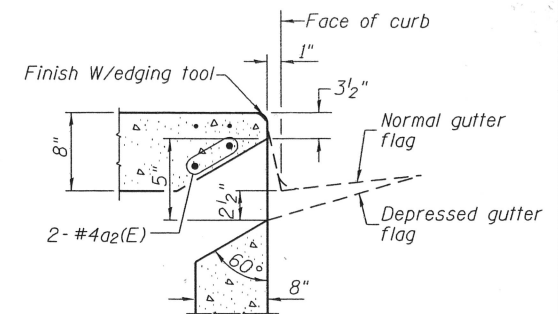
SECTION A-A



SECTION B-B



SECTION C-C



SECTION AT CURB WEIR
(6'-0" Opening at weir)

BILL OF MATERIAL

BAR LIST				
Bar	No.	Size	Length	Shape
a1(E)	27	#6	8'-4"	U
a2(E)	16	#4	7'-1"	U
a3(E)	30	#6	9'-4"	U
d1(E)	42	#4	3'-11"	U
h1(E)	15	#4	6'-0"	U
h2(E)	16	#4	10'-0"	U
h3(E)	18	#6	10'-7"	U
h4(E)	10	#4	11'-1"	U
h5(E)	20	#6	12'-0"	U
h6(E)	32	#4	5'-4"	U
h7(E)	30	#4	6'-0"	U
h8(E)	5	#4	12'-0"	U
h9(E)	7	#4	8'-0"	U
v1(E)	42	#4	5'-3"	U
TOTAL BILL OF MATERIAL				
Item	Unit	Total		
Structure Excavation	Cu. Yd.	64		
Removal & Disposal of Unsuitable Material	Cu. Yd.	6		
Temporary Soil Retention System	Sq. Ft.	240		
Rock Fill - Foundation	Cu. Yd.	6		
Concrete Structures	Cu. Yd.	10.6		
Reinforcement Bars, Epoxy Coated	Pound	2300		
Porous Granular Backfill	Cu. Yd.	36		

LOADING

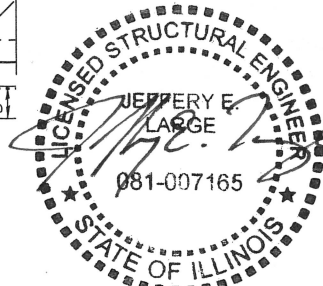
HL-93

DESIGN STRESSES

f'c = 3,500 psi (concrete)
fy = 60,000 psi (Reinforcement)

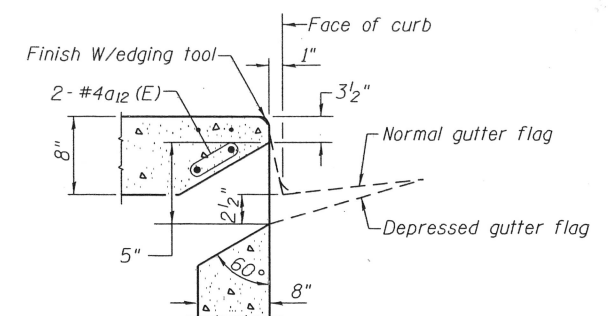
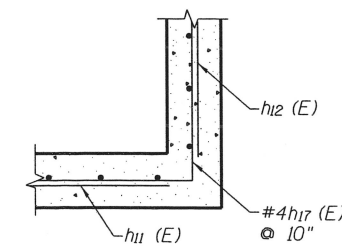
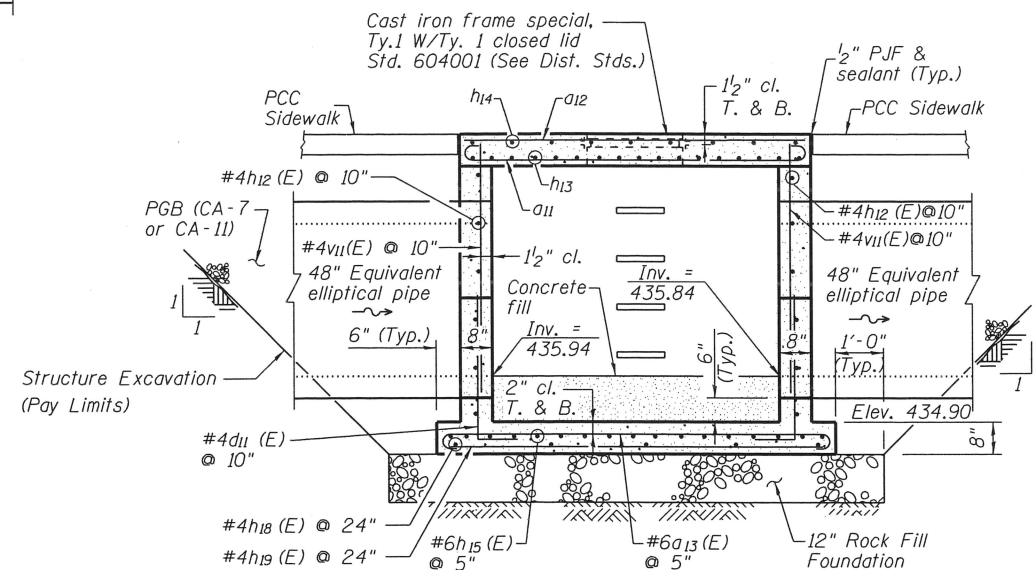
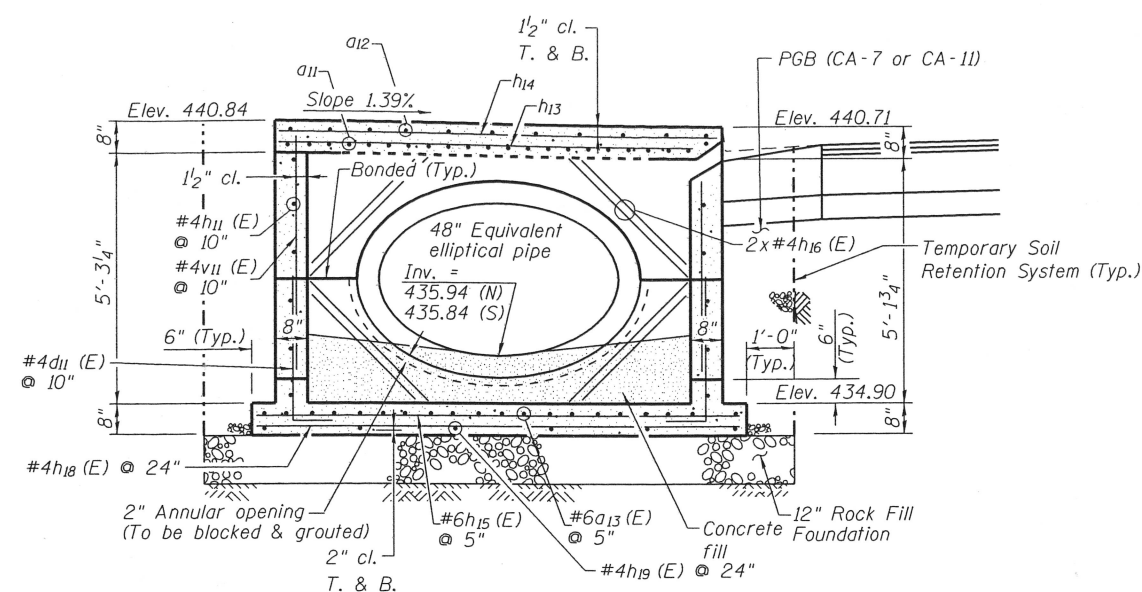
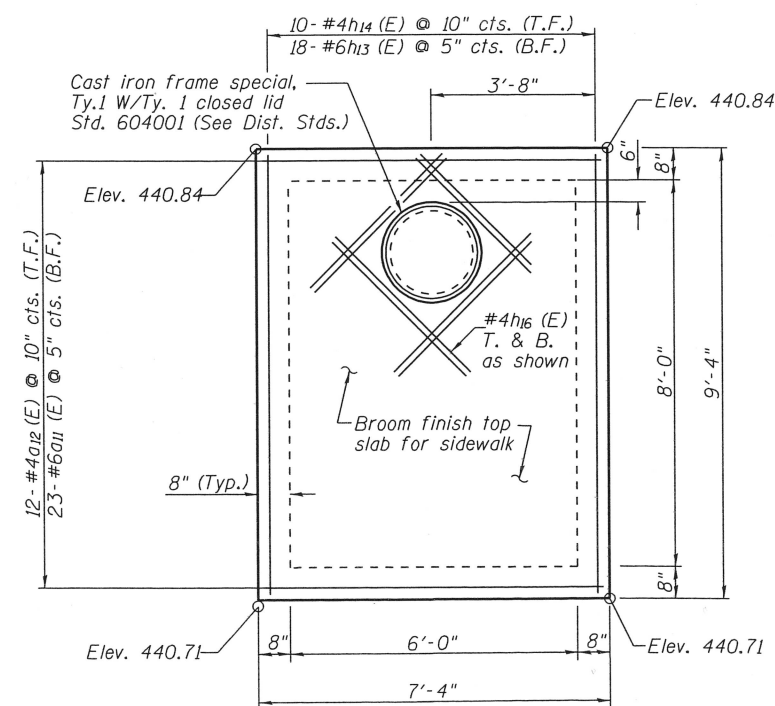
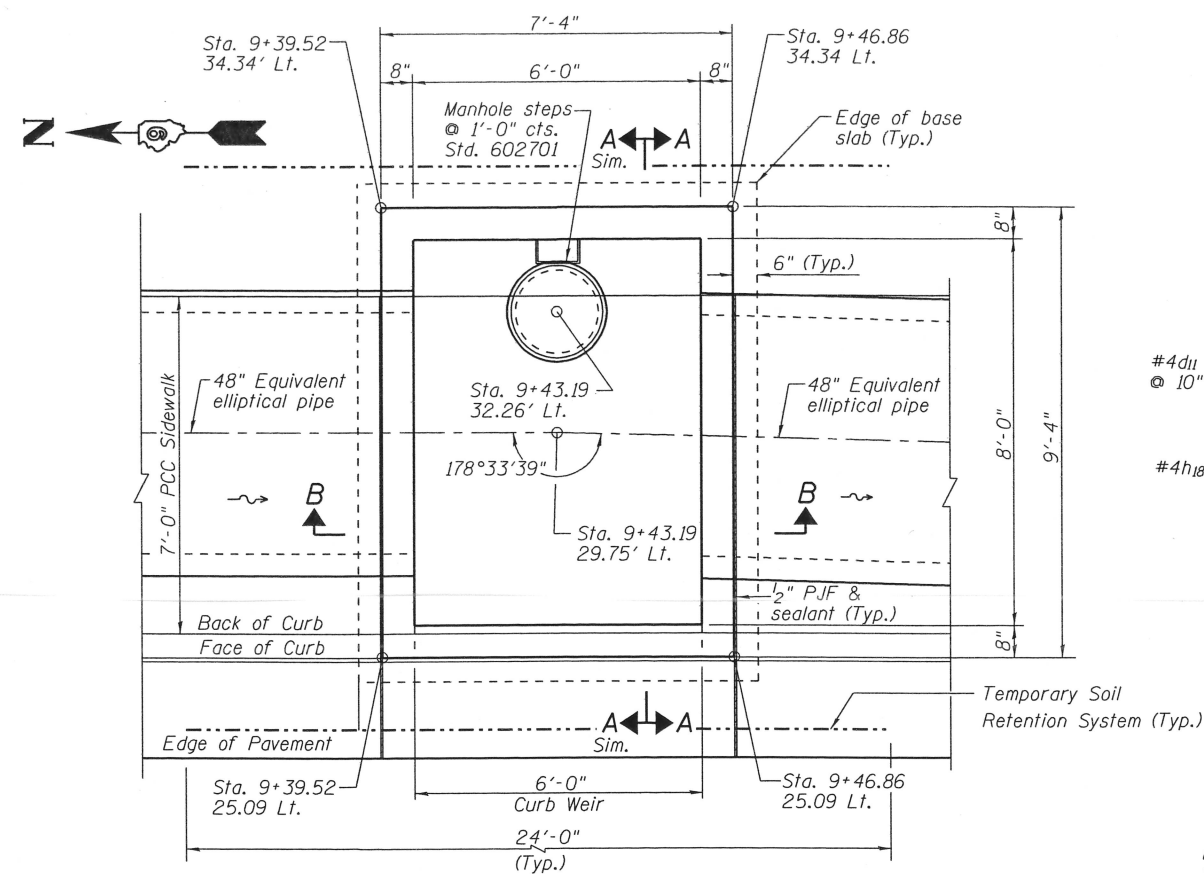
NOTES:

- All concrete shall be class SI and in accordance with section 503 of the IDOT Standard Specifications.
- All reinforcement bars shall be according to ASTM A706, Grade 60 and in accordance with section 508 of the IDOT Standard Specifications.
- Manhole steps shall be according to Standard 602701.
- The contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the engineer.
- Structure excavation shall be paid for as Earth Excavation to the Pay Limits as shown.
- Concrete fill shall be included in Concrete Structures.
- Field cut reinforcement bars to fit, as required.
- Apply a bituminous waterproof coating to all exterior surfaces except the top slab.
- Provide a waterstop in annular space around each pipe penetration through structure walls.
- All construction joints shall be bonded per Article 503.09 (b) of the Standard Specifications.



DATE: 10/19/2016 EXP: 11/30/2016

FILE NAME =	USER NAME = Gary Davis	DESIGNED - JMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JUNCTION STRUCTURE STA. 8 + 59.25	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\IDOT\0806610\W0.22\Deliverable\..		DRAWN - GLD	REVISED -			IL 14/ IL 37	D9 TRAFFIC SIGNALS	FRANKLIN	104	52
	PLOT SCALE = 4.0000 ' / in.	CHECKED - JEL	REVISED -			CONTRACT NO. 78367				
Default	PLOT DATE = 10/19/2016 - 11:19:02 AM	DATE - 10-23-2015	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 1 OF 6 SHEETS	STA.	TO STA.			



SECTION AT CURB WEIR

BILL OF MATERIAL

BAR LIST				
Bar	No.	Size	Length	Shape
a_{11} (E)	23	#6	8'-4"	
a_{12} (E)	14	#4	7'-1"	
a_{13} (E)	25	#6	9'-4"	
d_{11} (E)	36	#4	3'-11"	
h_{11} (E)	13	#4	6'-0"	
h_{12} (E)	14	#4	8'-0"	
h_{13} (E)	18	#6	8'-7"	
h_{14} (E)	10	#4	9'-1"	
h_{15} (E)	20	#6	10'-0"	
h_{16} (E)	32	#4	5'-4"	
h_{17} (E)	26	#4	6'-0"	
h_{18} (E)	5	#4	10'-0"	
h_{19} (E)	6	#4	8'-0"	
v_{11} (E)	36	#4	5'-1"	

TOTAL BILL OF MATERIAL		
Item	Unit	Total
Structure Excavation	Cu. Yd.	52
Removal & Disposal of Unsuitable Material	Cu. Yd.	5
Temporary Soil Retention System	Sq. Ft.	240
Rock Fill - Foundation	Cu. Yd.	5
Concrete Structures	Cu. Yd.	8.6
Reinforcement Bars, Epoxy Coated	Pound	1930
Porous Granular Backfill	Cu. Yd.	29

LOADING

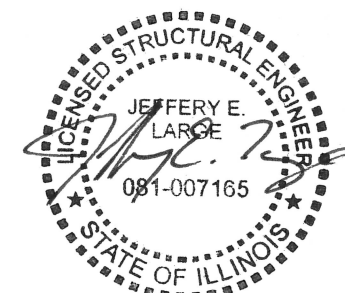
HL - 93

DESIGN STRESSES

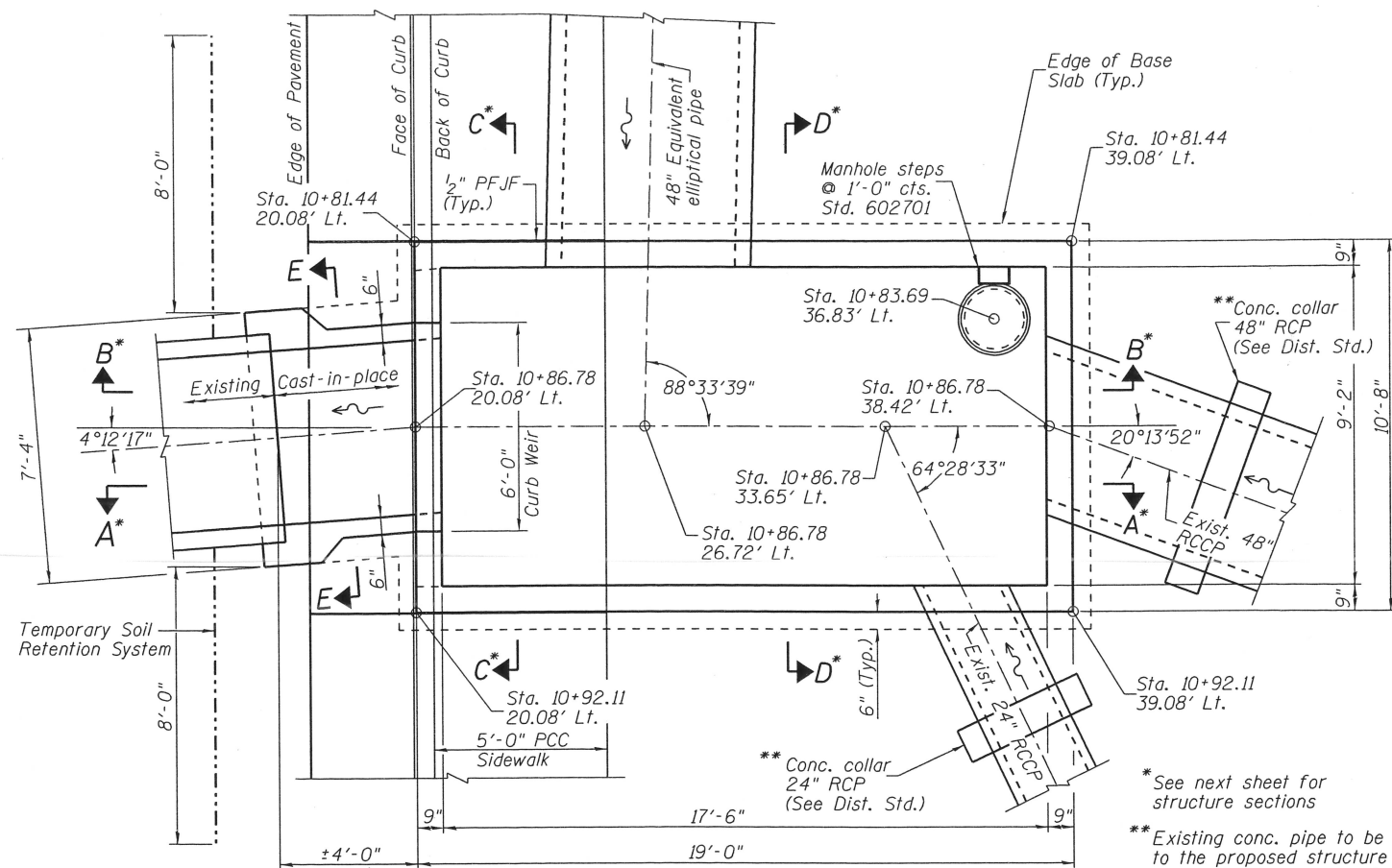
$$\begin{aligned} f'c &= 3,500 \text{ psi (concrete)} \\ f_y &= 60,000 \text{ psi (Reinforcement)} \end{aligned}$$

NOTES:

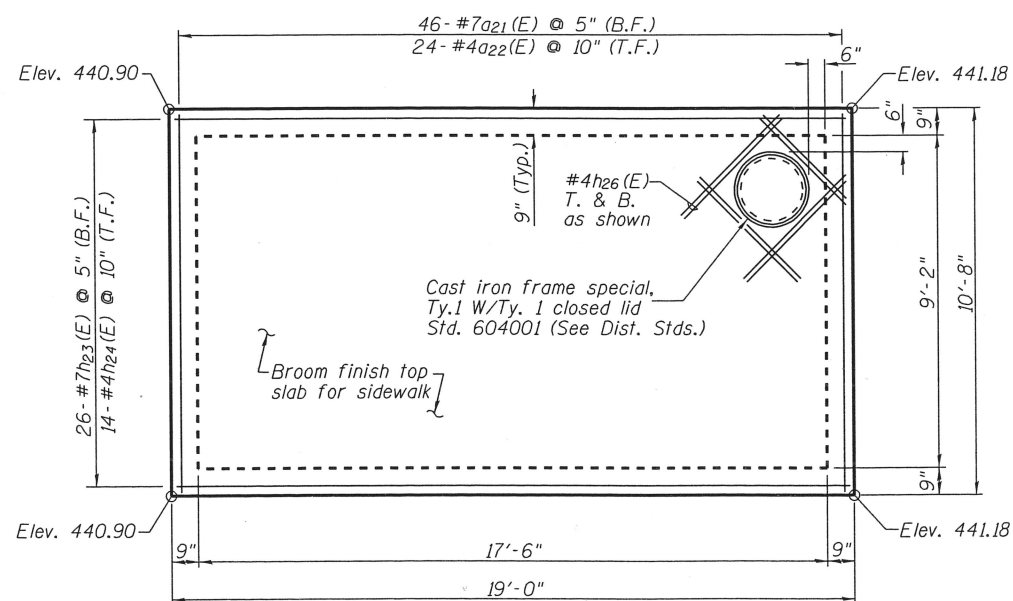
1. *All concrete shall be class SI and in accordance with section 503 of the IDOT Standard Specifications.*
2. *All reinforcement bars shall be according to ASTM A706, Grade 60 and in accordance with section 508 of the IDOT Standard Specifications.*
3. *Manhole steps shall be according to Standard 602701.*
4. *The contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the engineer.*
5. *Structure excavation shall be paid for as Earth Excavation to the Pay Limits as shown.*
6. *Concrete fill shall be included in Concrete Structures.*
7. *Field cut reinforcement bars to fit, as required.*
8. *Apply a bituminous waterproof coating to all exterior surfaces except the top slab.*
9. *Provide a waterstop in annular space around each pipe penetration through structure walls.*
10. *All construction joints shall be bonded per Article 503.09 (b) of the Standard Specifications.*



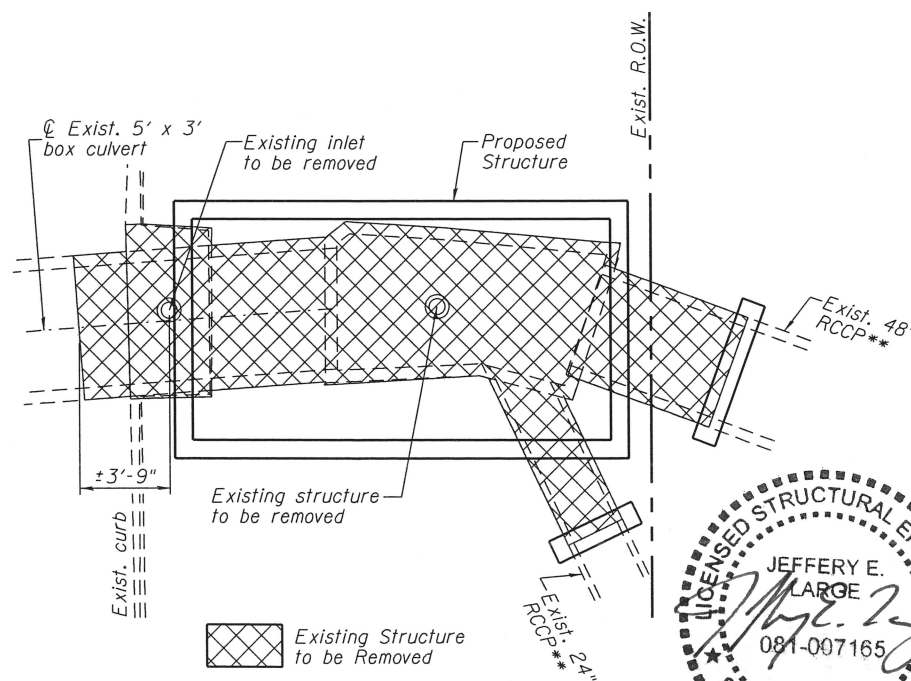
DATE: 10/19/2016
EXP: 11/30/2016



PLAN - DRAINAGE STRUCTURE STA. 10+86.78

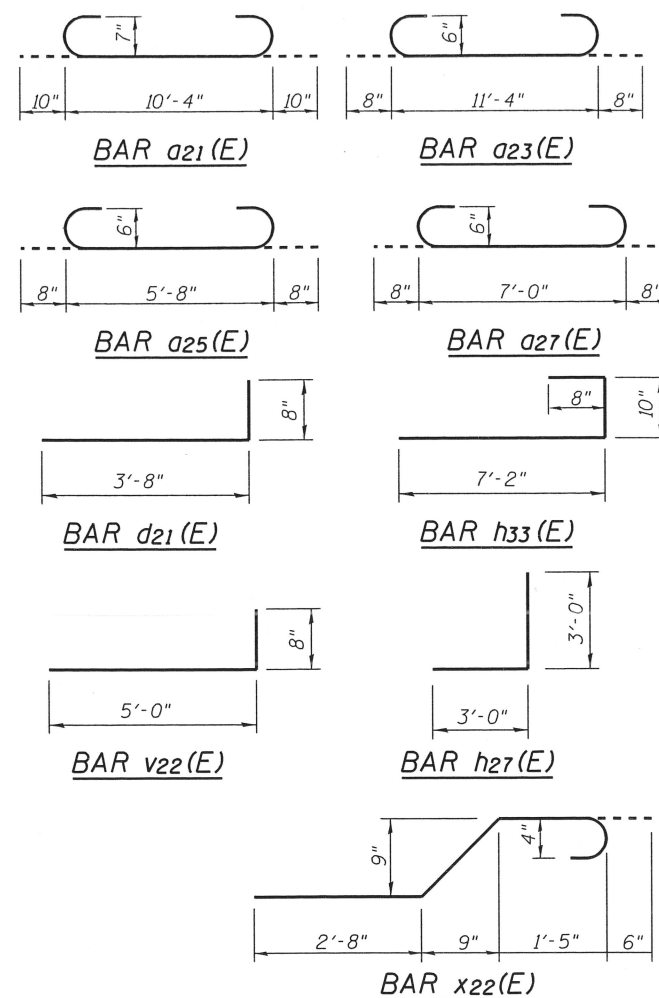


TOP SLAB PLAN



REMOVAL PLAN

** Existing conc. pipe to be connected to the proposed structure shall be removed and replaced with new pipe from the nearest bell/spigot joint.



BILL OF MATERIAL

BAR LIST				
Bar	No.	Size	Length	Shape
a21(E)	46	#7	12'-0"	U
a22(E)	26	#4	10'-5"	—
a23(E)	49	#6	12'-8"	U
a24(E)	11	#4	11'-5"	—
a25(E)	10	#6	7'-0"	U
a26(E)	6	#4	5'-9"	—
a27(E)	10	#6	8'-4"	U
a28(E)	3	#4	7'-1"	—
d21(E)	64	#4	4'-4"	—
h21(E)	15	#4	9'-2"	—
h22(E)	16	#4	17'-6"	—
h23(E)	26	#7	18'-2"	—
h24(E)	14	#4	18'-9"	—
h25(E)	29	#6	19'-9"	—
h26(E)	48	#4	5'-4"	—
h27(E)	40	#4	6'-0"	—
h28(E)	7	#4	19'-9"	—
h29(E)	10	#4	5'-0"	—
h30(E)	15	#6	5'-0"	—
h31(E)	8	#4	5'-0"	—
h32(E)	18	#6	5'-0"	—
h33(E)	5	#4	8'-8"	—
v21(E)	64	#4	5'-4"	—
v22(E)	18	#4	5'-8"	—
x22(E)	10	#4	5'-7"	—
TOTAL BILL OF MATERIAL				
Item	Unit	Total		
Structure Excavation	Cu. Yd.	171		
Removal & Disposal of Unsuitable Material	Cu. Yd.	13		
Temporary Soil Retention System	Sq. Ft.	75		
Rock Fill - Foundation	Cu. Yd.	13		
Concrete Structures	Cu. Yd.	31.7		
Reinforcement Bars, Epoxy Coated	Pound	6160		
Storm Sewers, Class A, Type 1 24"	Foot	12		
Storm Sewers, Class A, Type 1 48"	Foot	12		
Porous Granular Backfill	Cu. Yd.	104		
Removal of Existing Structures	Each	1		

LOADING

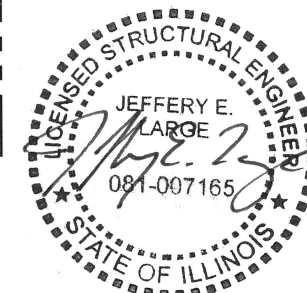
HL-93

DESIGN STRESSES

$f'_c = 3,500$ psi (concrete)
 $f_y = 60,000$ psi (Reinforcement)

NOTES:

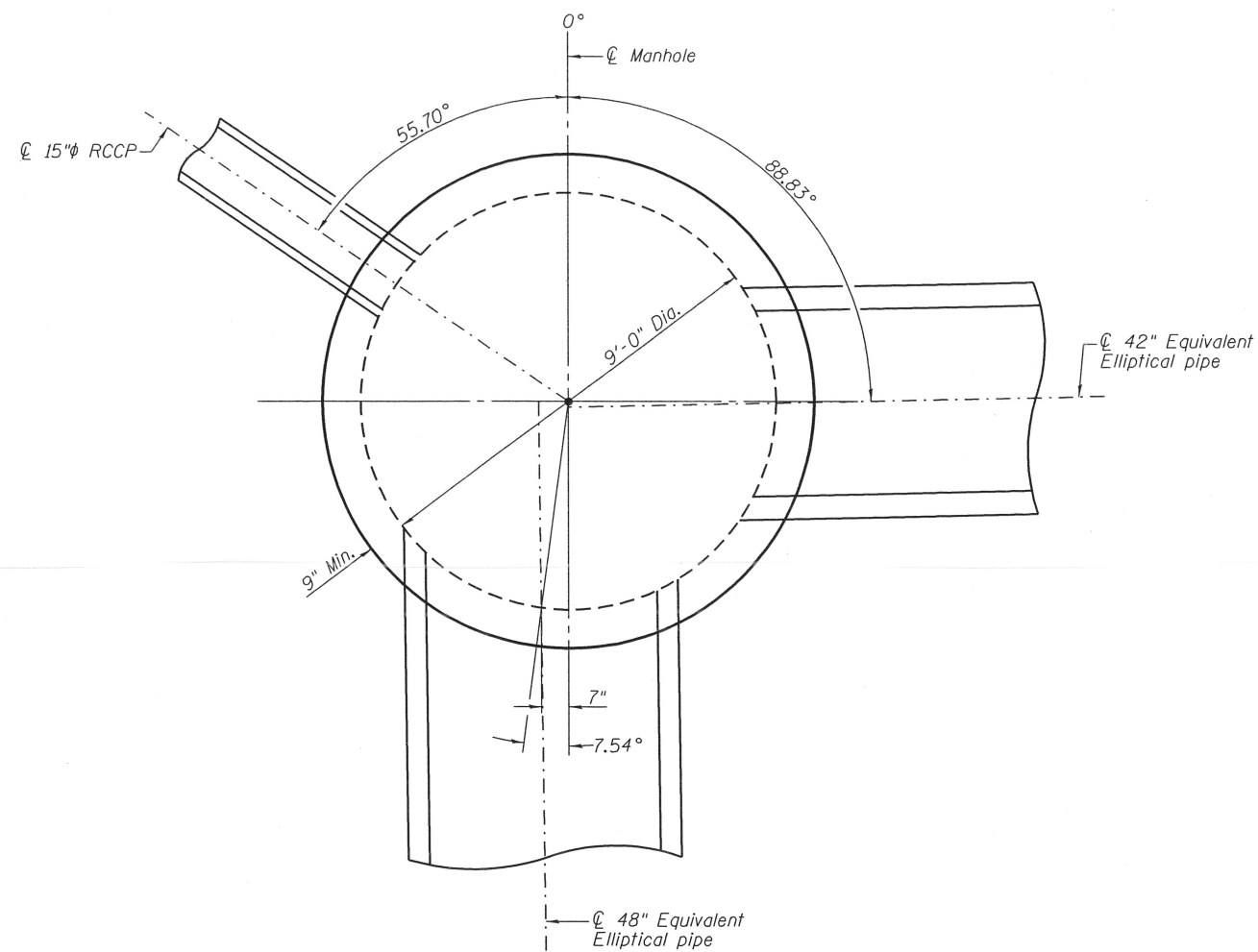
- All concrete shall be class SI and in accordance with section 503 of the IDOT Standard Specifications.
- All reinforcement bars shall be AASHTO M-31 or M-322, Grade 60 and in accordance with section 508 of the IDOT Standard Specifications.
- Manhole steps shall be according to Standard 602701.
- The contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the engineer.
- Structure excavation shall be paid for as Earth Excavation to the Pay Limits as shown.
- Concrete fill shall be included in Concrete Structures.
- Field cut reinforcement bars to fit, as required.
- Apply a bituminous waterproof coating to all exterior surfaces except the top slab.
- Provide a waterstop in annular space around each pipe penetration through structure walls.
- All construction joints shall be bonded per Article 503.09 (b) of the Standard Specifications.



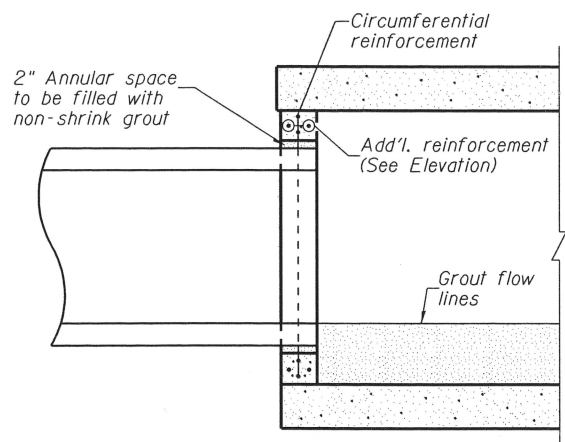
DATE: 10/19/2016

EXP: 11/30/2016

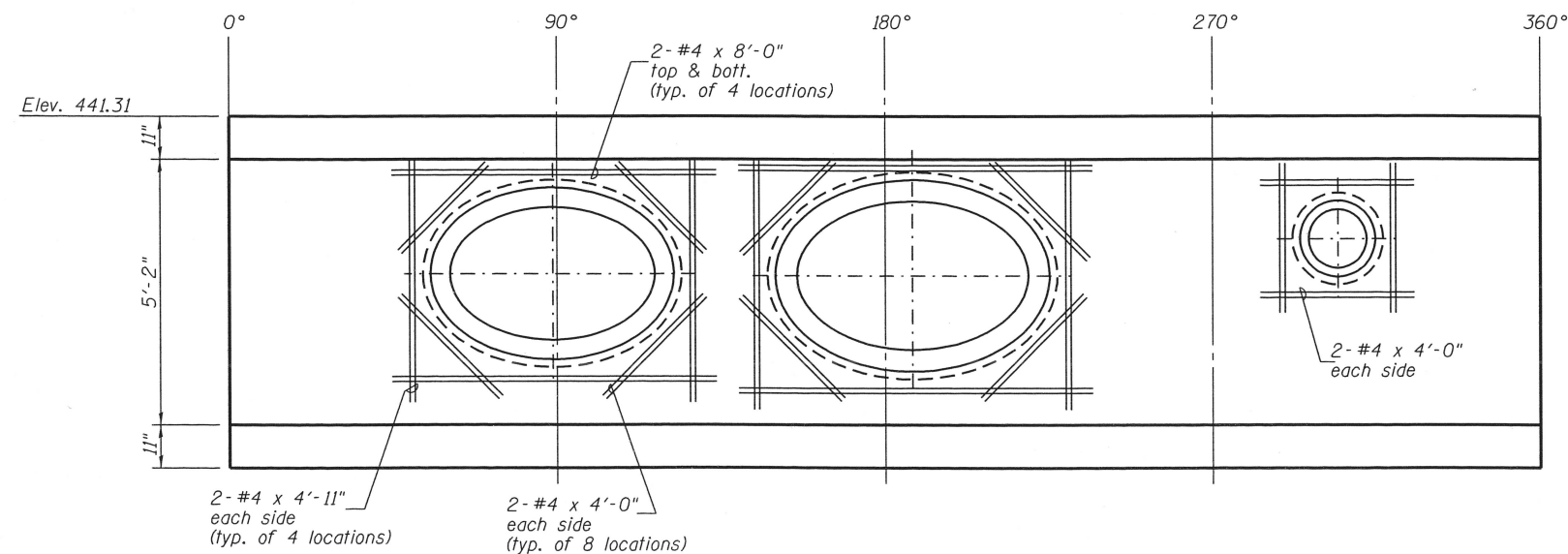
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Default	PLOT SCALE = 5.3312' / in.	DRAWN - GLD	REVISED -					IL 14/ 37	D9 TRAFFIC SIGNALS	FRANKLIN	104	54
	PLOT DATE = 10/19/2016 11:20:04 AM	CHECKED - JEL	REVISED -					CONTRACT NO. 78367				
		DATE - 10-23-2015	REVISED -					ILLINOIS FED. AID PROJECT				



PLAN VIEW



TYPICAL CROSS SECTION

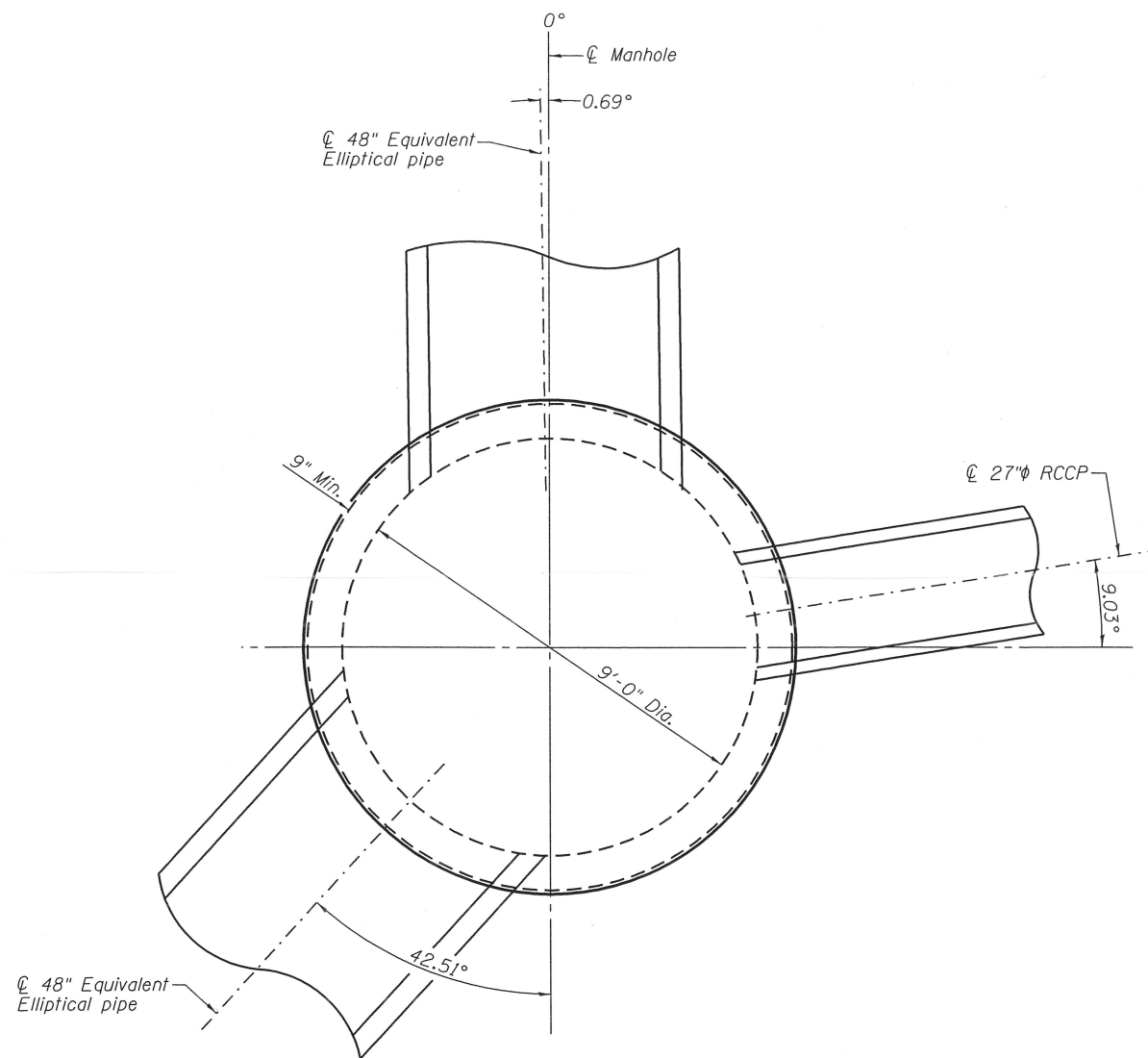


ELEVATION (UNFOLDED)

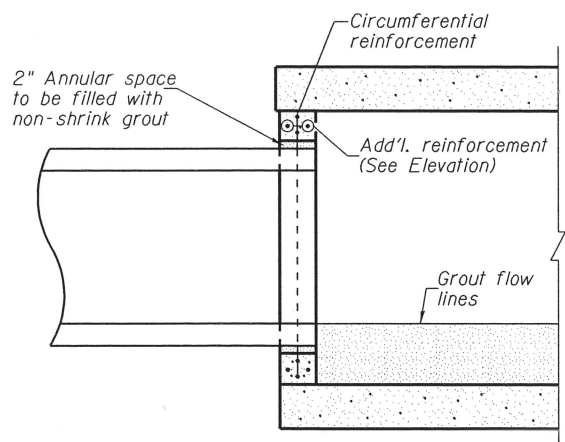
NOTES:

1. All concrete shall be class SI and in accordance with section 503 of the IDOT Standard Specifications.
2. All reinforcement bars shall be according to ASTM A706, Grade 60 and in accordance with section 508 of the IDOT Standard Specifications.
3. Manhole steps shall be according to Standard 602701.
4. Top and bottom slabs shall be according to Standard 602421.
5. Wall shall have a min. circumferential steel area of 0.27 in.² /ft. plus the additional reinforcement shown in the elevation view.

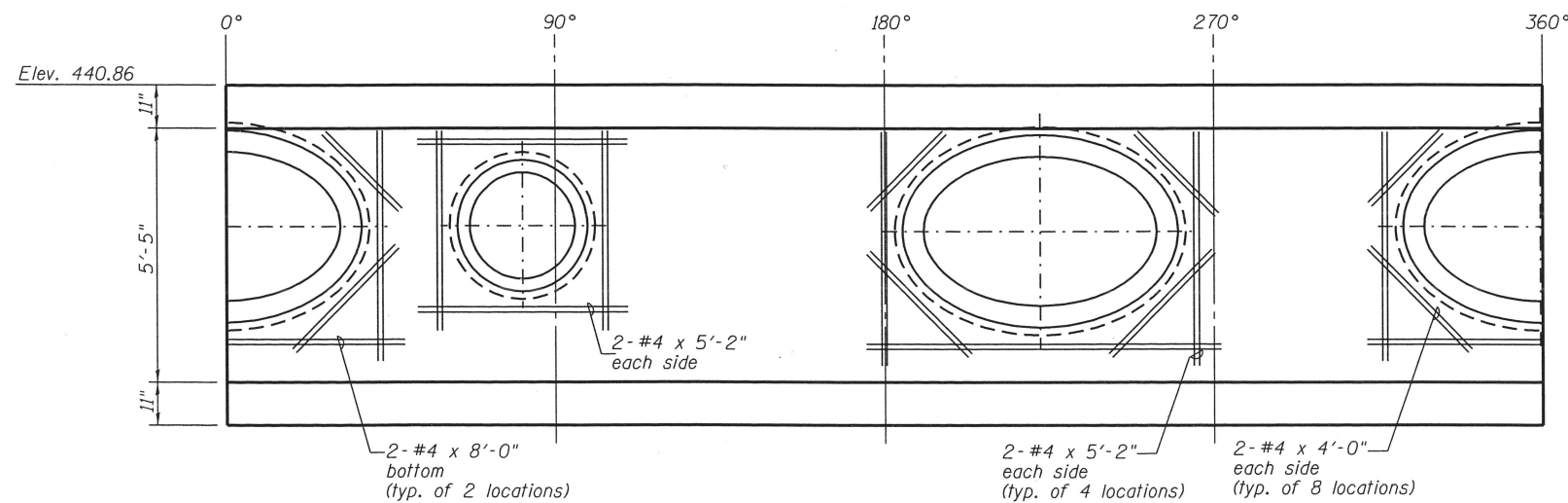
FILE NAME =	USER NAME = Gary Davis	DESIGNED - JMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANHOLE DETAILS STA. 0 + 55.48 (IL. 14) AT 18.58' LT.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\IDOT\0806610\W0.22\Deliverable\..		DRAWN - GLD	REVISED -					IL 14/ IL 37	D9 TRAFFIC SIGNALS	FRANKLIN	104	56
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Default	PLOT DATE = 10/19/2016 - 11:20:58 AM	DATE - 10-23-2015	REVISED -		SCALE:	SHEET 5 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



PLAN VIEW



TYPICAL CROSS SECTION

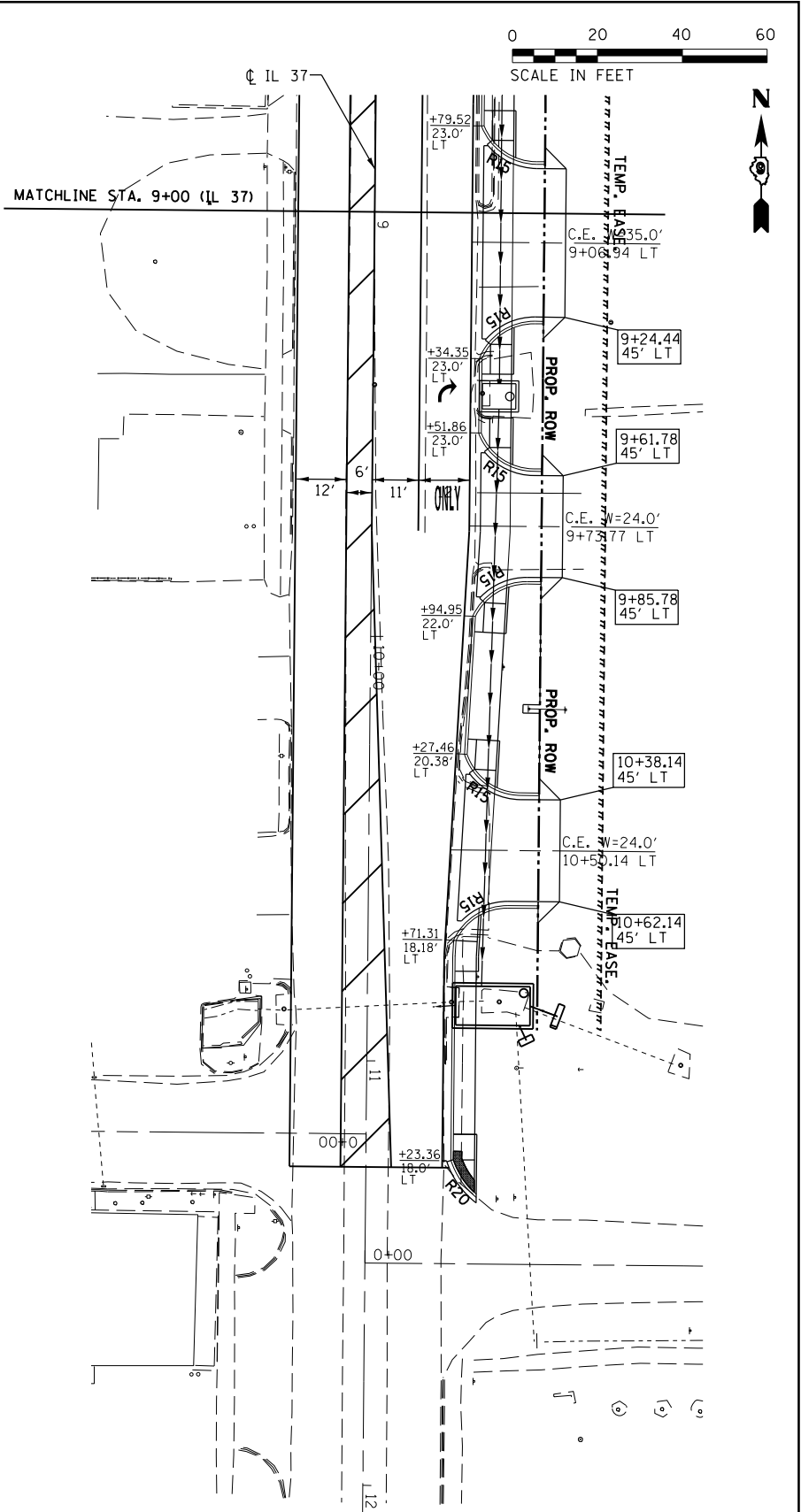
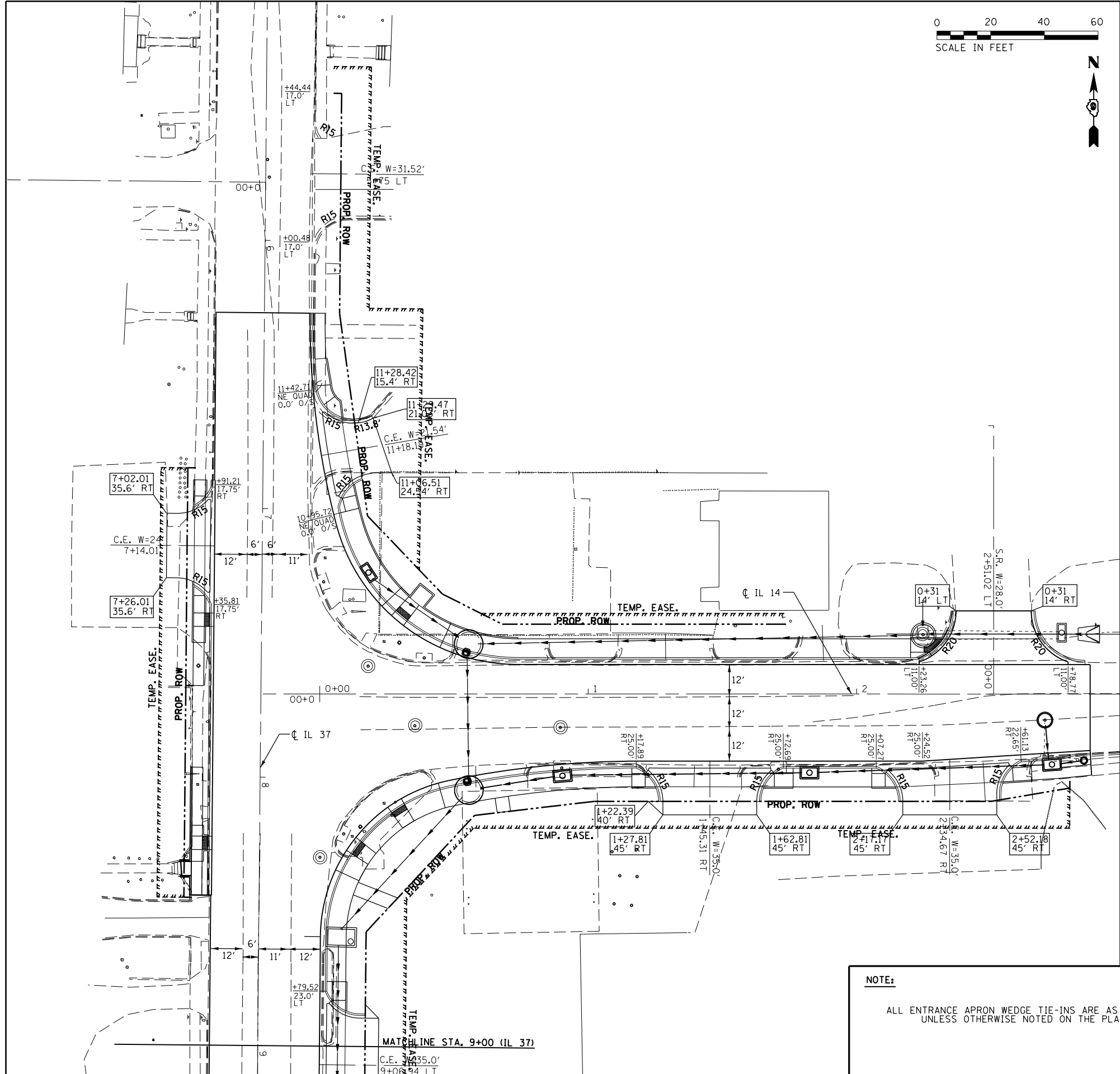


ELEVATION (UNFOLDED)

NOTES:

1. All concrete shall be class SI and in accordance with section 503 of the IDOT Standard Specifications.
2. All reinforcement bars shall be according to ASTM A706, Grade 60 and in accordance with section 508 of the IDOT Standard Specifications.
3. Manhole steps shall be according to Standard 602701.
4. Top and bottom slabs shall be according to Standard 602421.
5. Wall shall have a min. circumferential steel area of 0.27 in.² /ft. plus the additional reinforcement shown in the elevation view.

FILE NAME = L:\IDOT\0806610\W0.22\Deliverable\..	USER NAME = Gary Davis	DESIGNED - JMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANHOLE DETAILS STA. 0+55.56 (IL. 14) AT 35.81' RT.		F.A.P. RTE. IL 14/ IL 37	SECTION D9 TRAFFIC SIGNALS	COUNTY FRANKLIN	TOTAL SHEETS 104	SHEET NO. 57
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Default	DATE - 10-23-2015	CHECKED - JEL	REVISI				ILLINOIS FED. AID PROJECT				
SCALE:	SHEET 6 OF 6 SHEETS	STA.	TO STA.								

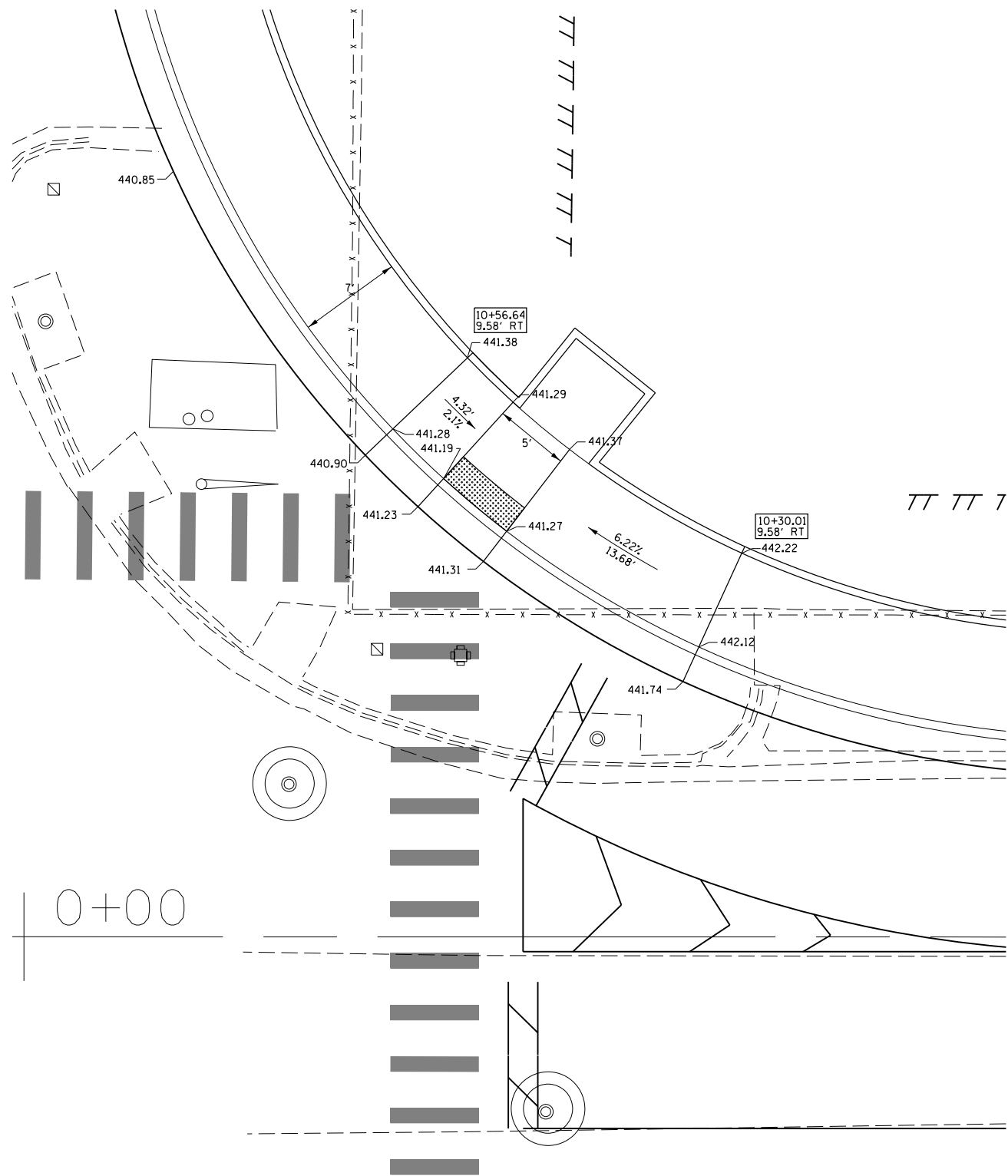


NOTE:

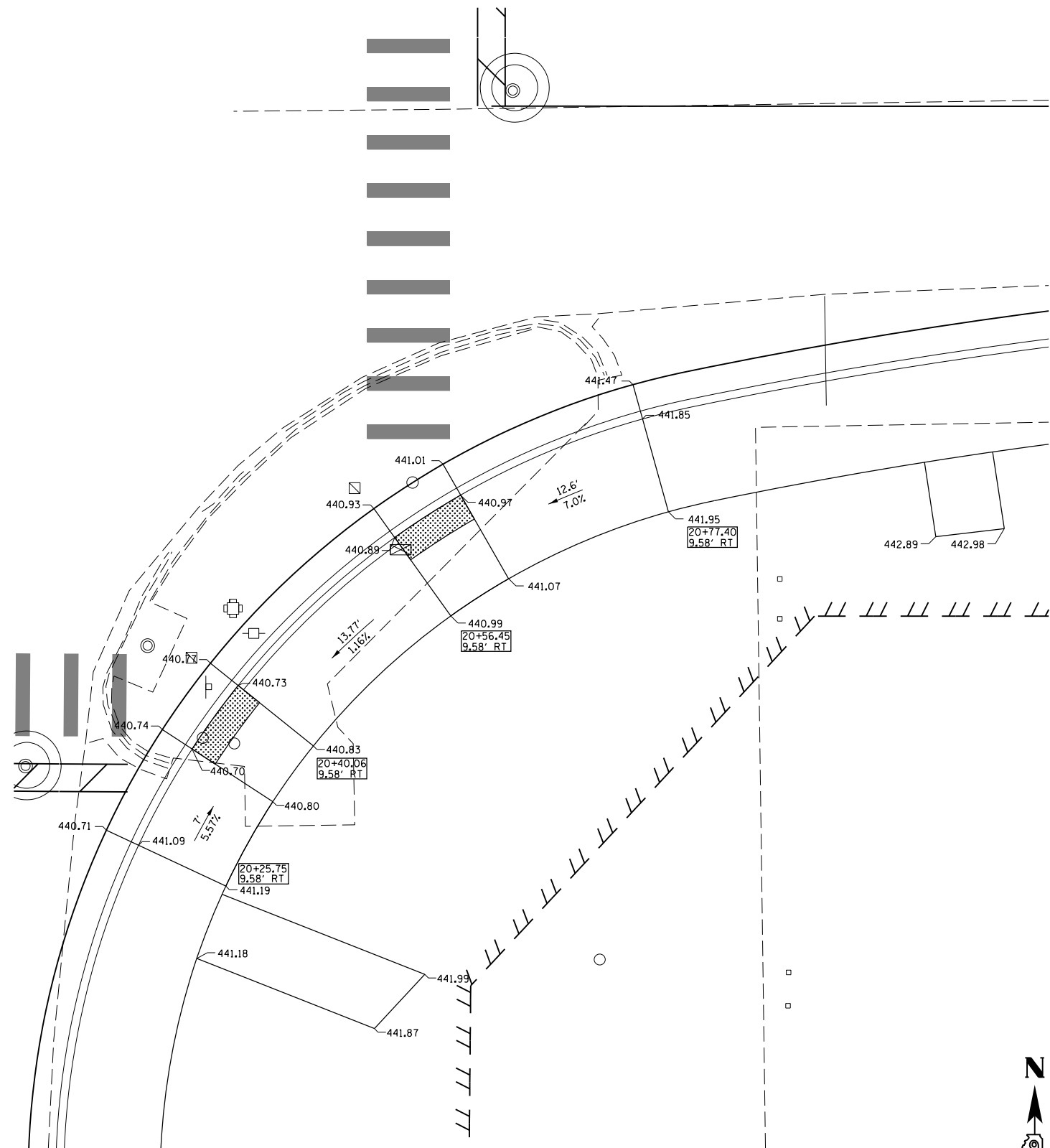
ALL ENTRANCE APRON WEDGE TIE-INS ARE AS FOLLOWS
UNLESS OTHERWISE NOTED ON THE PLANS

45° OFFSET (PROP. ROW)
5'

FILE NAME =	USER NAME = greenleesm	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS	F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\1084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78367\Drawn\78367-shr-detailed.dgn		DRAWN =	REVISED =			853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	58	
PLOT SCALE = 40.0000' / in.		CHECKED =	REVISED =			CONTRACT NO. 78367					
PLOT DATE = 10/28/2016		DATE =	REVISED =			ILLINOIS FED. AID PROJECT					
Default				SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	

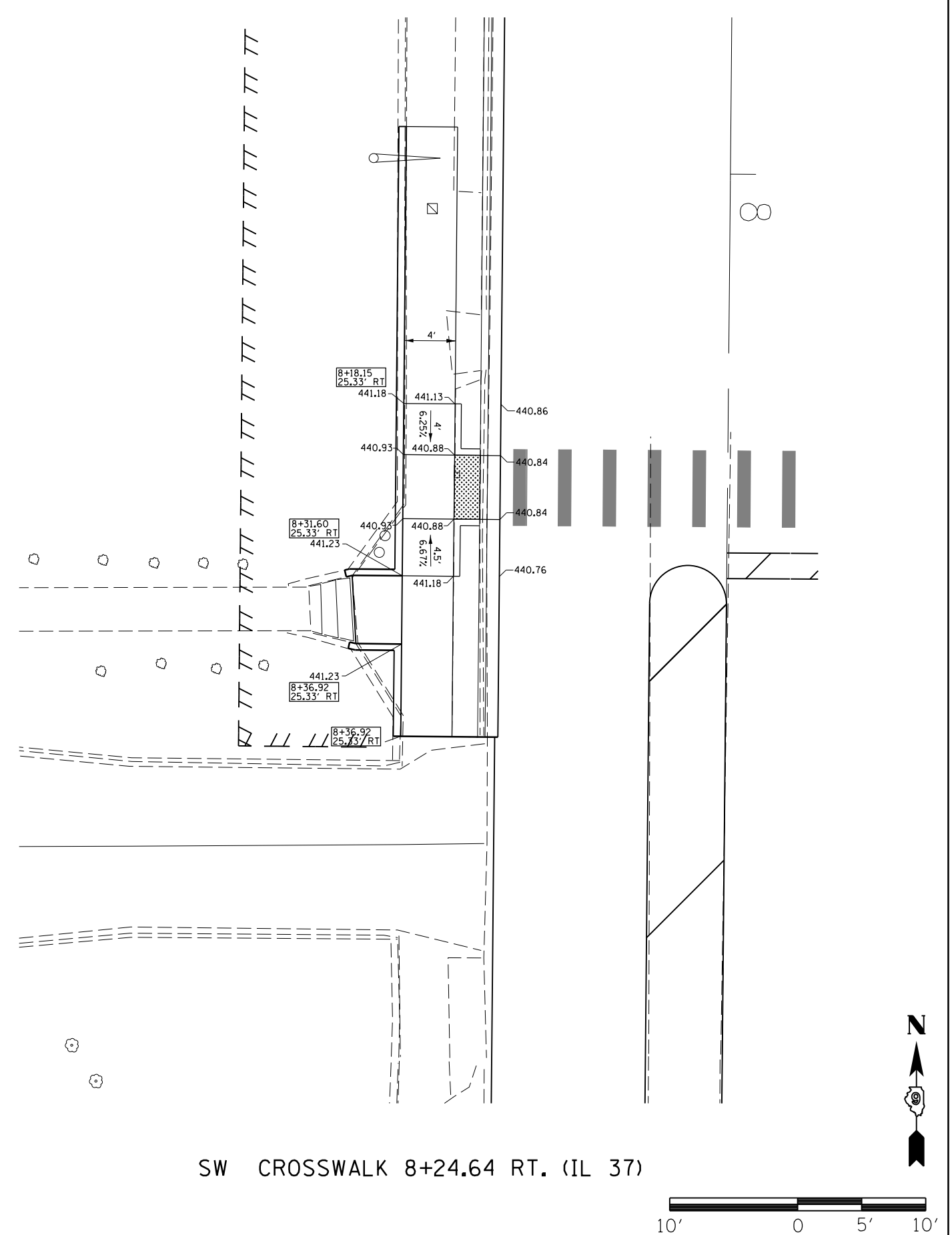
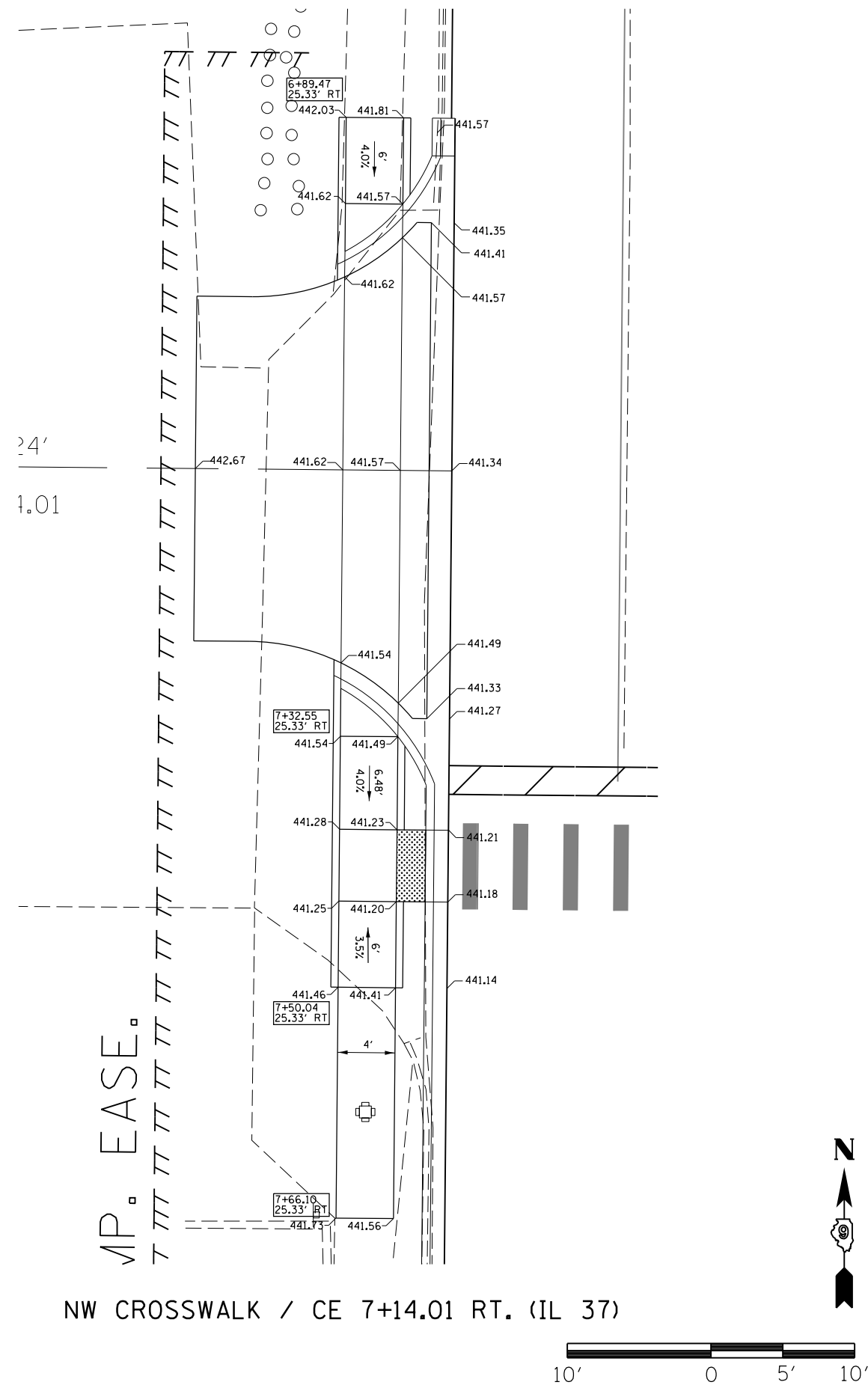


NORTHEAST RADIUS (IL 37 / IL 14)

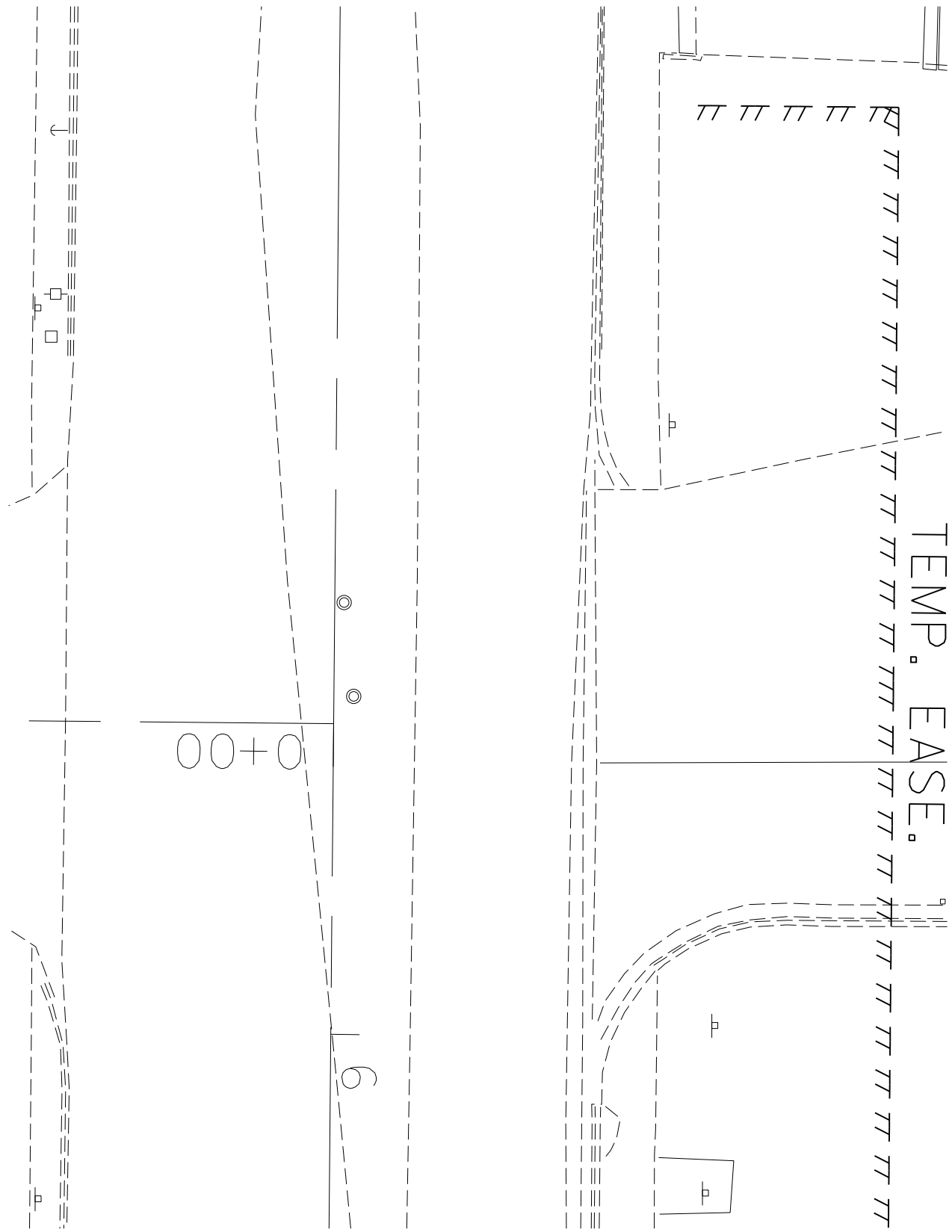


SOUTHEAST RADIUS (IL 37 / IL 14) &
HUCK'S SIDEWALK

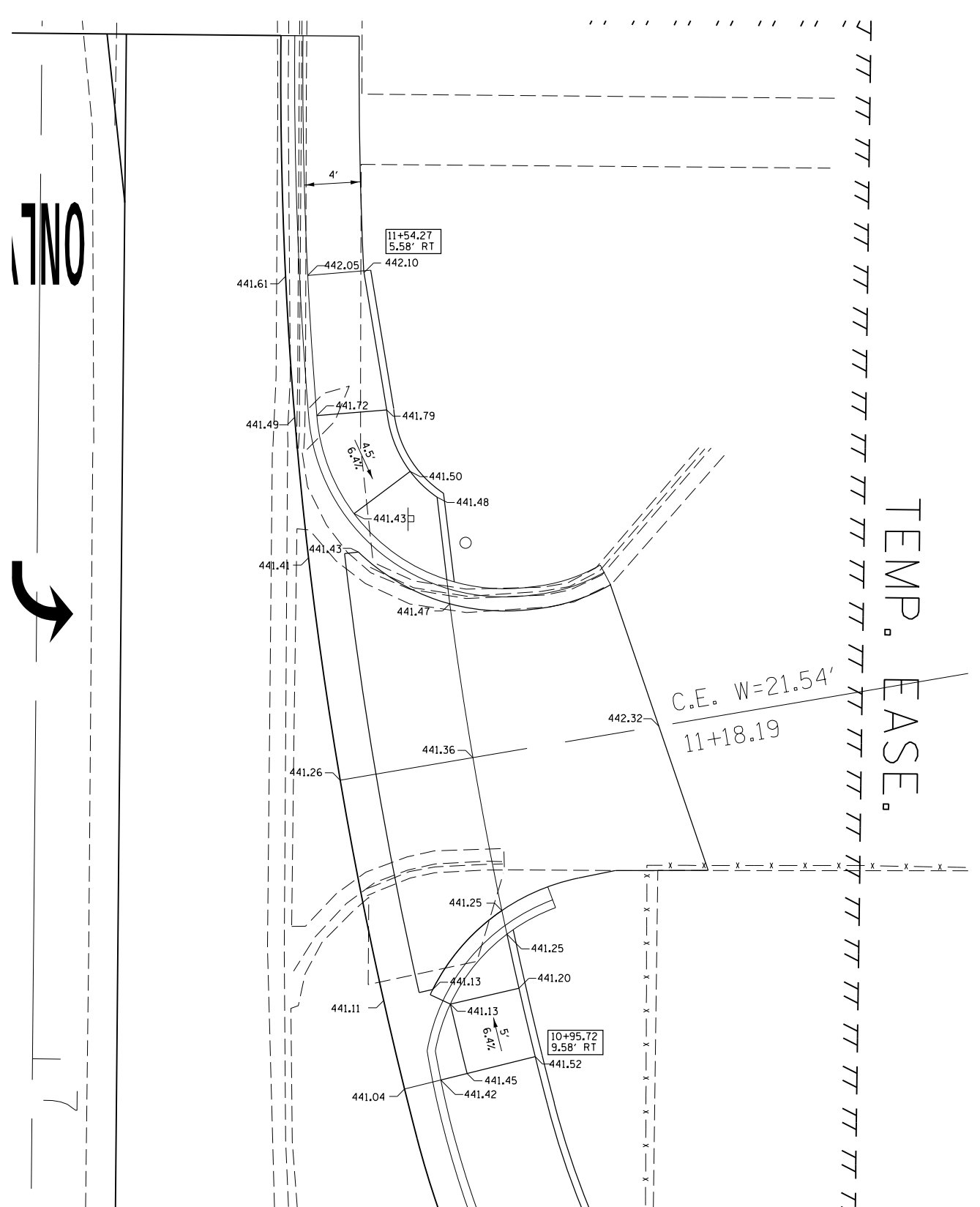
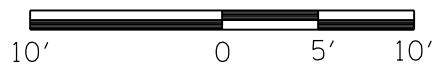
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS (NORTHEAST & SOUTHEAST RADII)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
p:\11\084EBID\INTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawings\CAD\Drawings\78367-shr-drawings.dgn	10/28/2016	REVISION	REVISED -											853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	59
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 78367													
	PLOT DATE = 10/28/2016	DATE	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT								



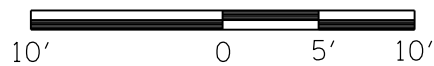
FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS (IL 37)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwt\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\783670\Drawings\CAD\sheets\78367-sht1-details.dwg			REVISED -			853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	60	
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78367					
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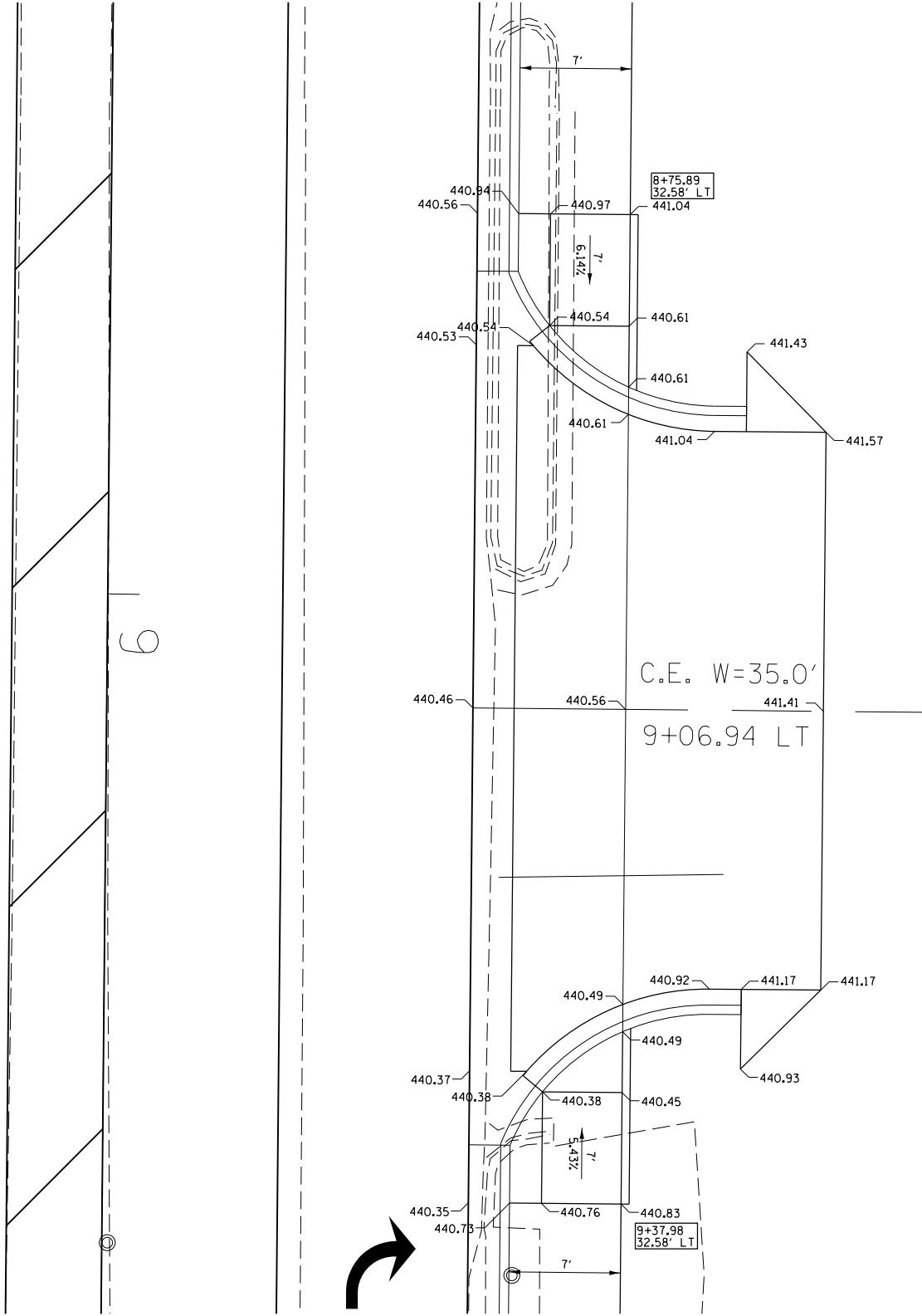
5+75 LT. (IL 37 / DAIRY QUEEN EXIT)



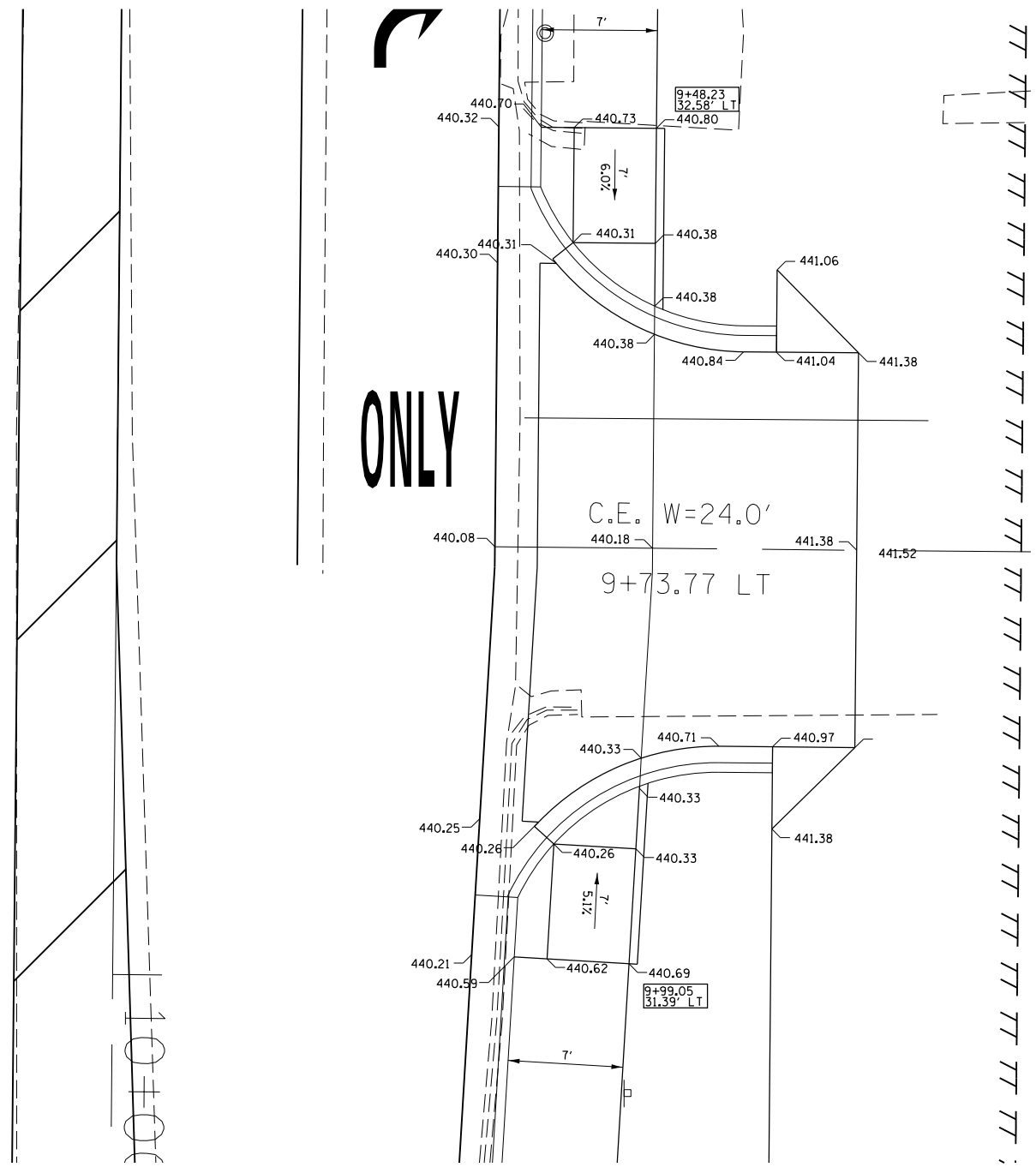
11+18.19 (NE QUAD / DAIRY QUEEN ENTRANCE)



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawn to CAD\sheets\78367-shdt-details.dgn		DESIGNED -	REVISED -						853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	61
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78367				
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -										
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

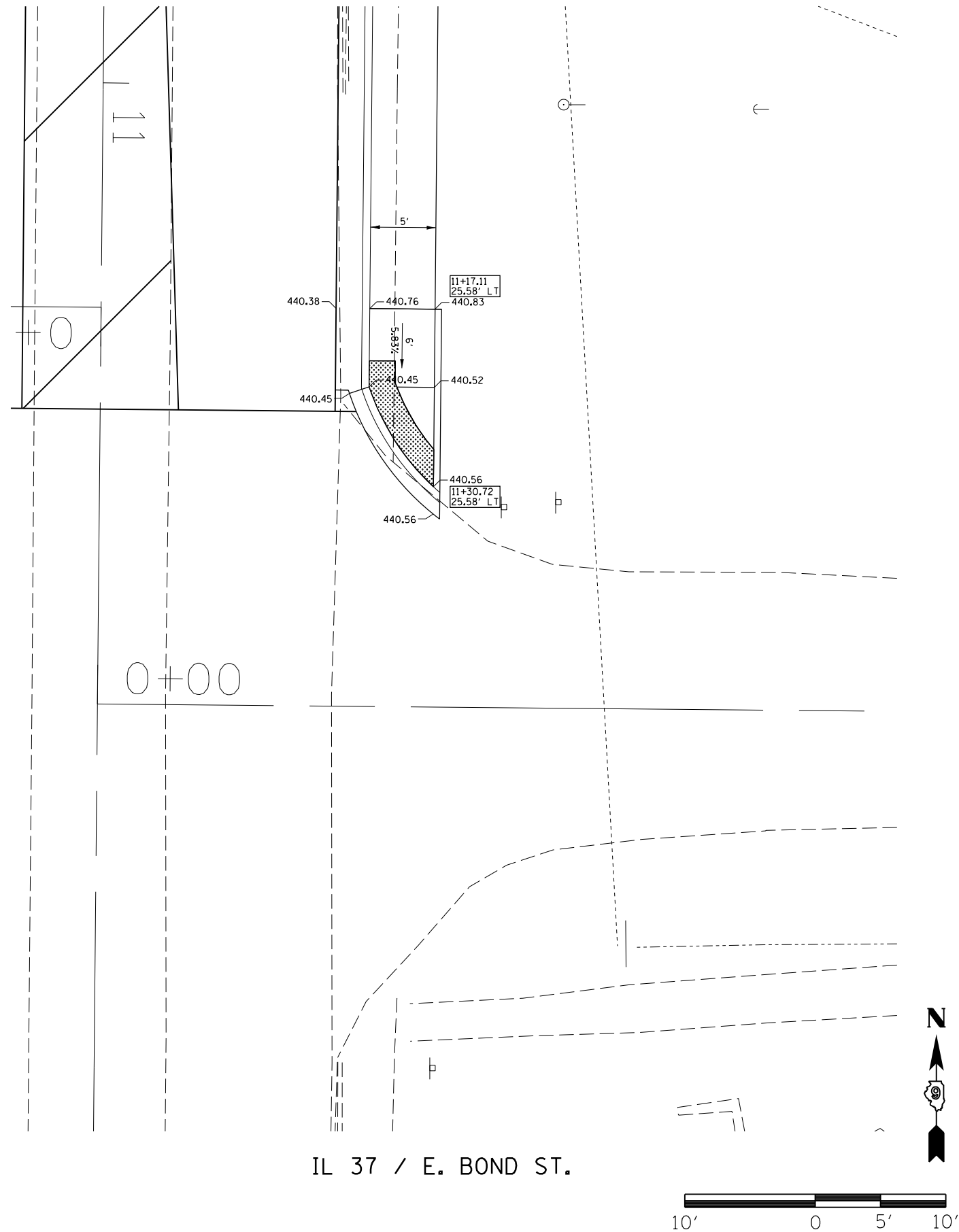
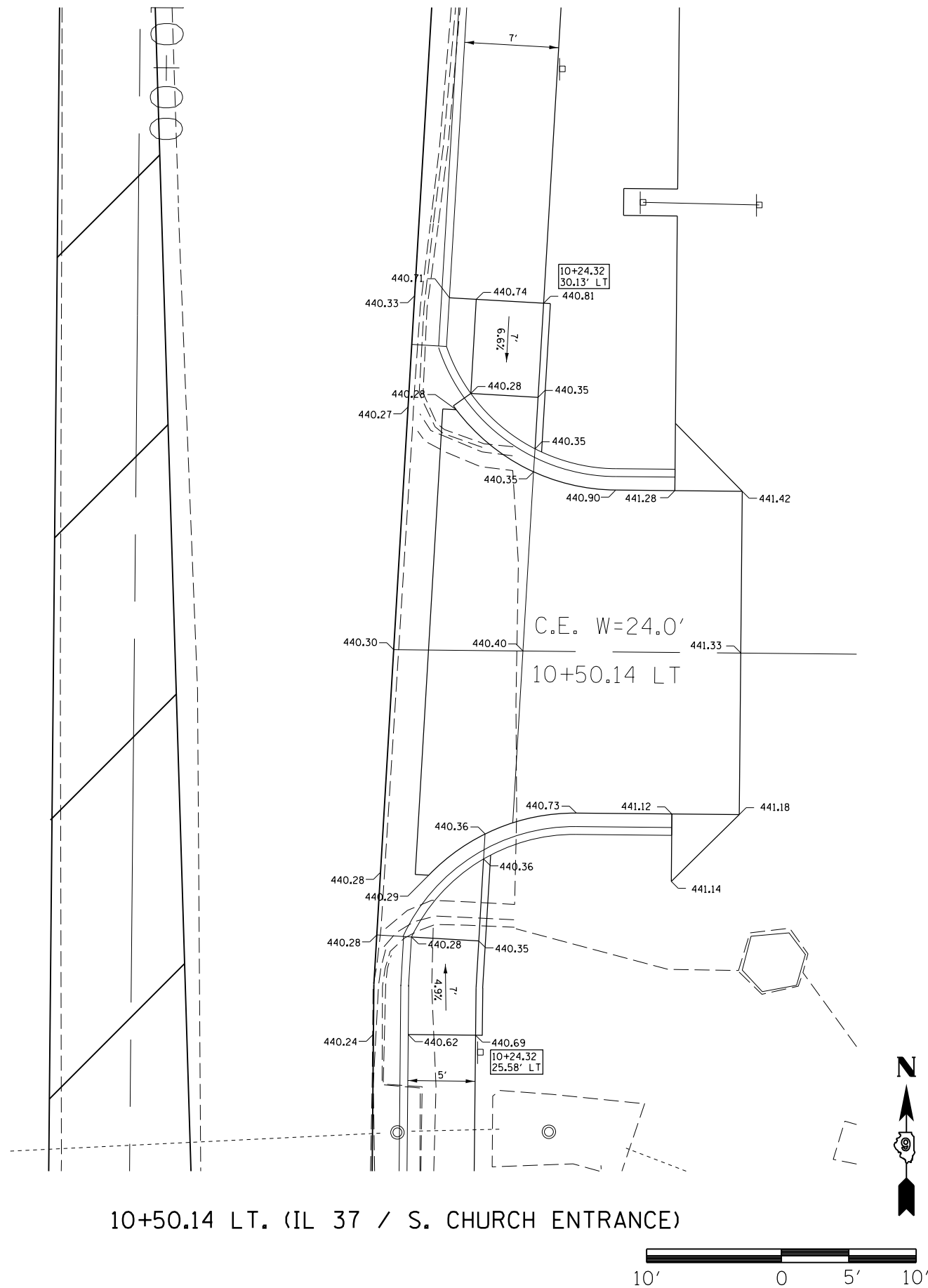


9+06.94 LT. (IL 37 / HUCK'S ENTRANCE)

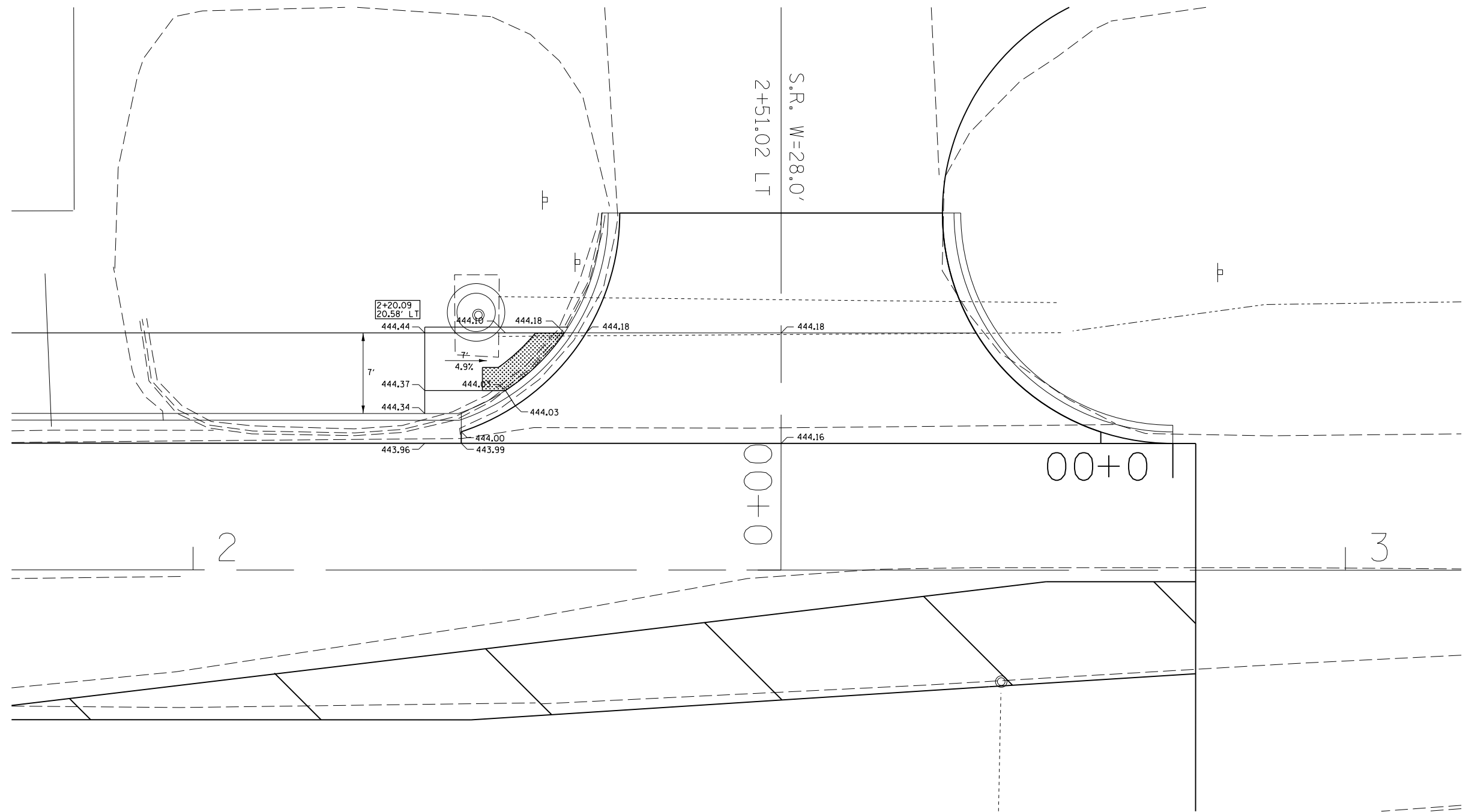


9+73.77 LT. (IL 37 / N. CHURCH ENTRANCE)

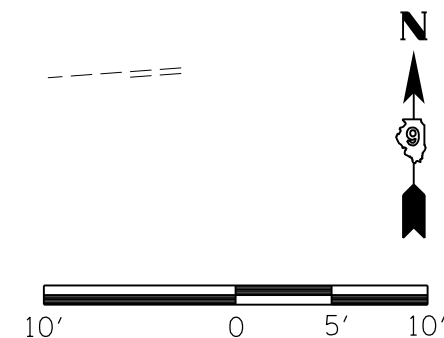
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pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78367\Drawings\CAD\Drawings\78367-shr-drawings.dgn		REVISED -								
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -							
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -							
SCALE: SHEET OF SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 78367				



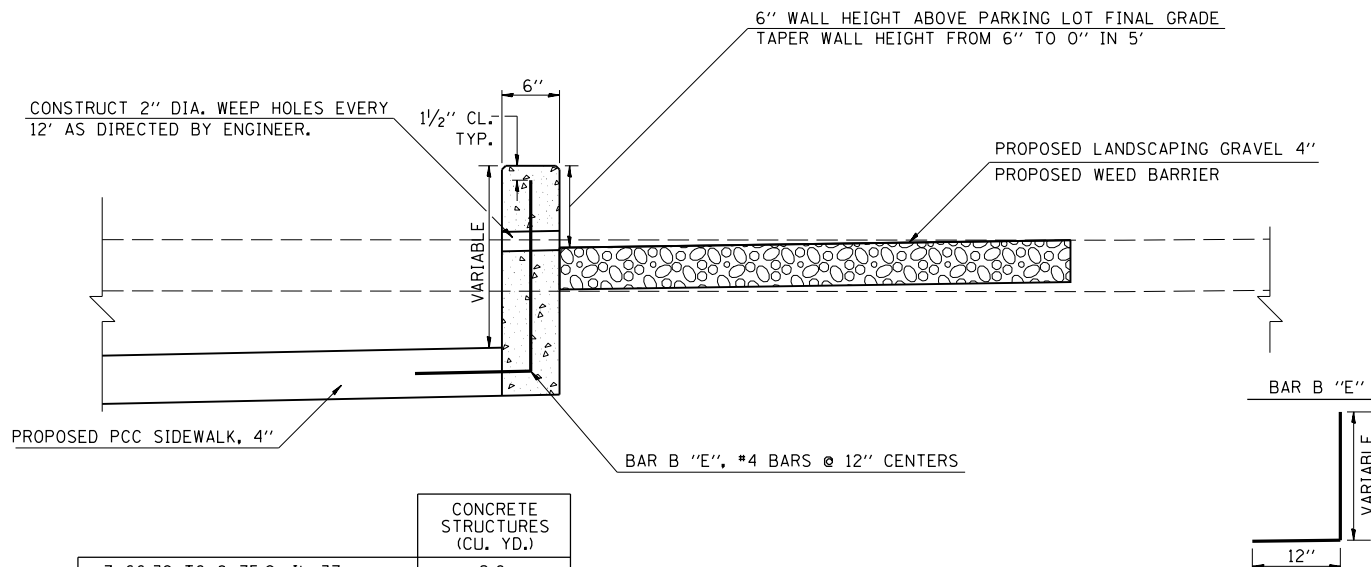
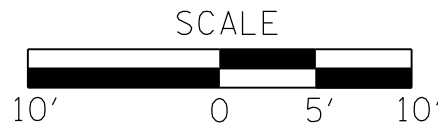
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	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -						853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	63
	PLOT DATE = 10/28/2016	DATE -	REVISED -		CONTRACT NO. 78367				ILLINOIS FED. AID PROJECT				
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IL 14 / MARK FRANKLIN ST.



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		PLOT DATE = 10/28/2016	DATE -						ILLINOIS FED. AID PROJECT				



	CONCRETE STRUCTURES (CU. YD.)
7+66.39 TO 8+75.9, IL 37.	2.0
0+00 TO 11+05.19, NE RAD.	3.7
TOTAL	5.7

SEE N.E. RADIUS CROSS SECTIONS FOR SIDEWALK AND PARKING LOT ELEVATIONS.

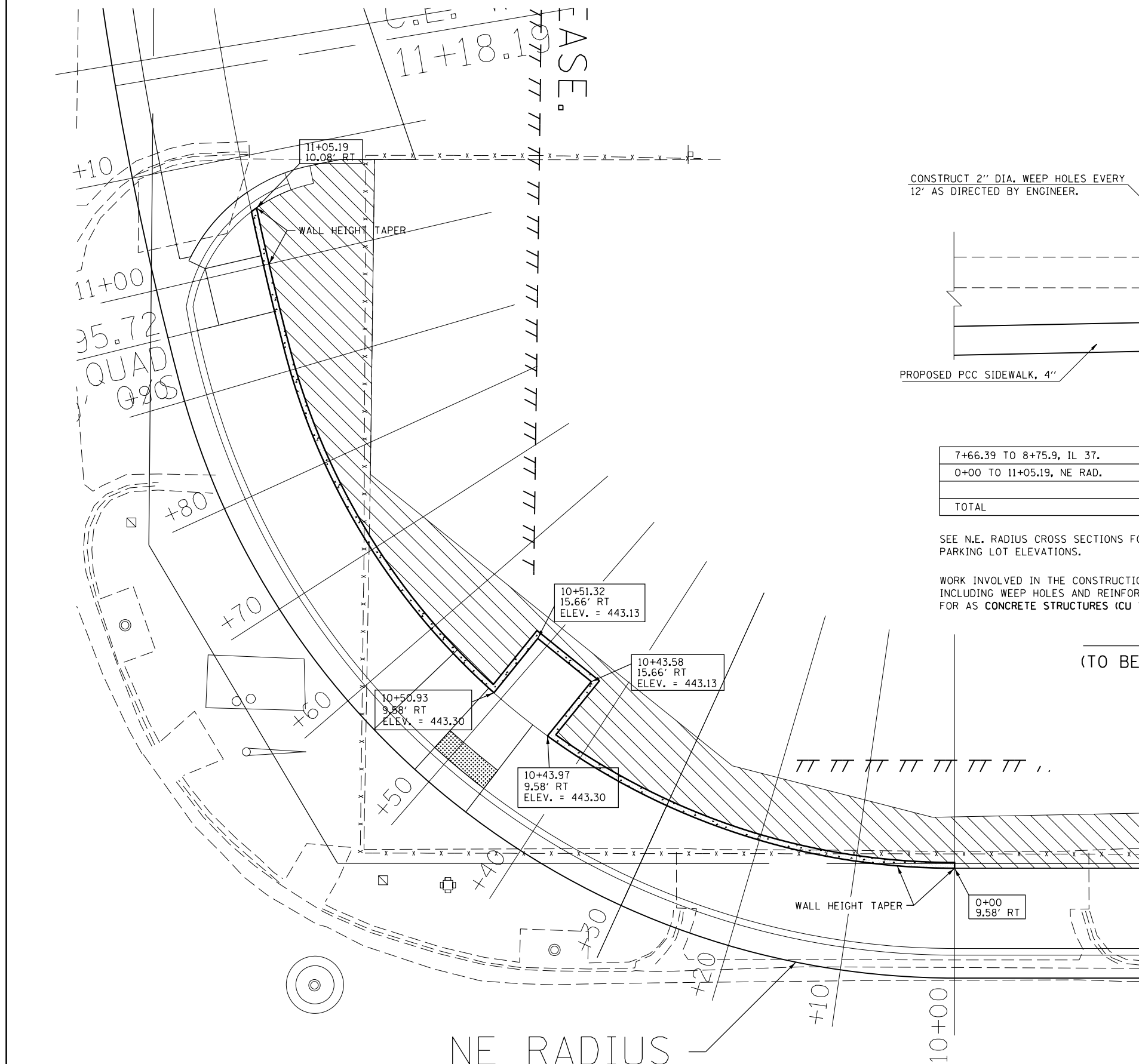
WORK INVOLVED IN THE CONSTRUCTION OF RETAINING WALL, INCLUDING WEEP HOLES AND REINFORCEMENT WILL BE PAID FOR AS CONCRETE STRUCTURES (CU YD).

REINFORCEMENT FOR NORTHEAST RET. WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT LBS.
B "E"	4		VAR.*	59	98
TOTAL					152

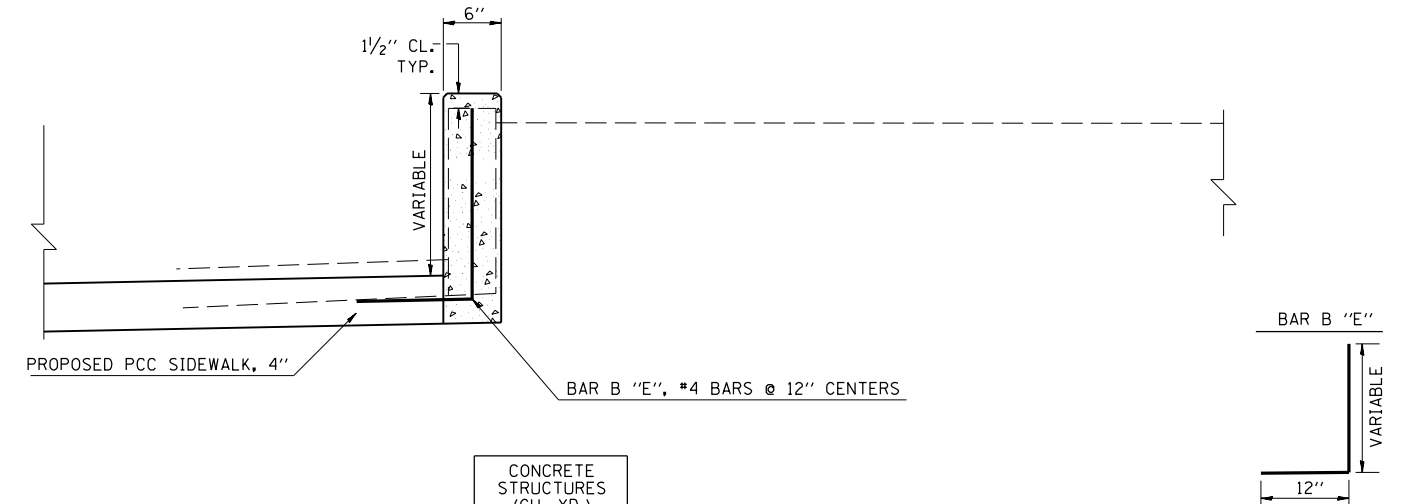
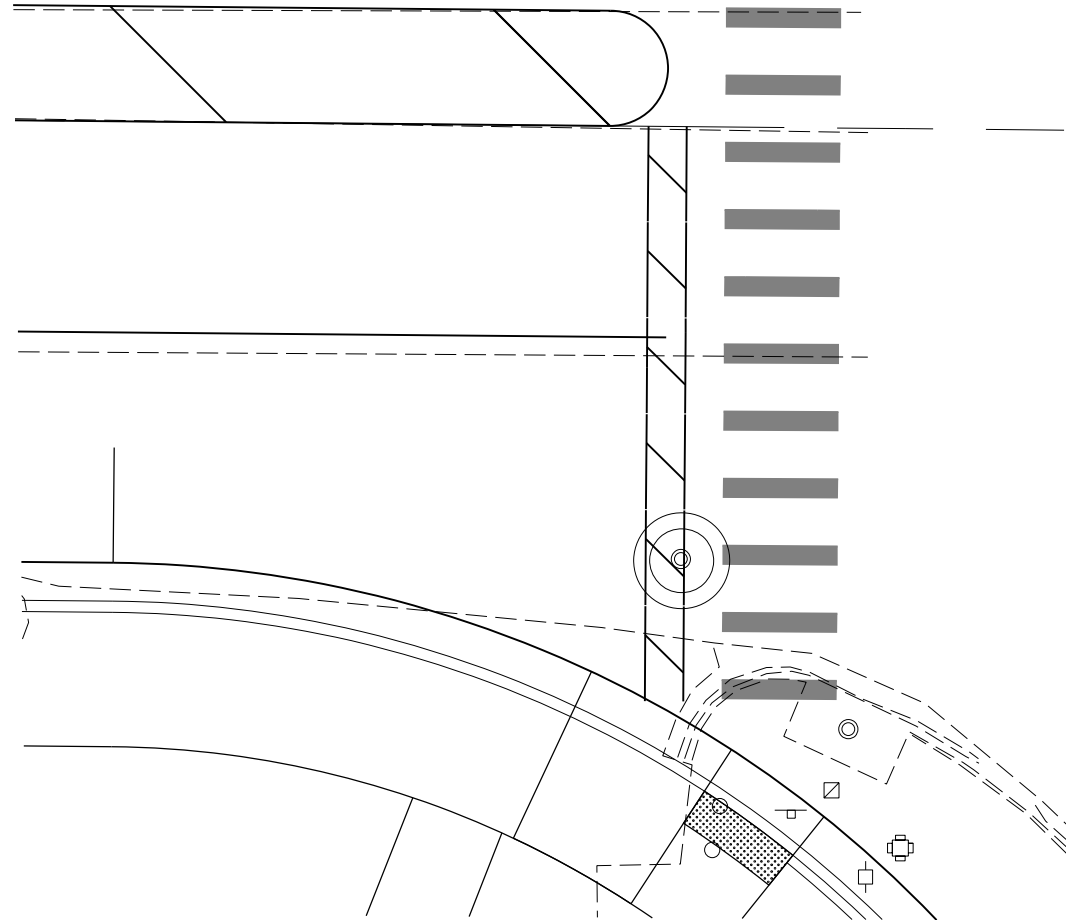
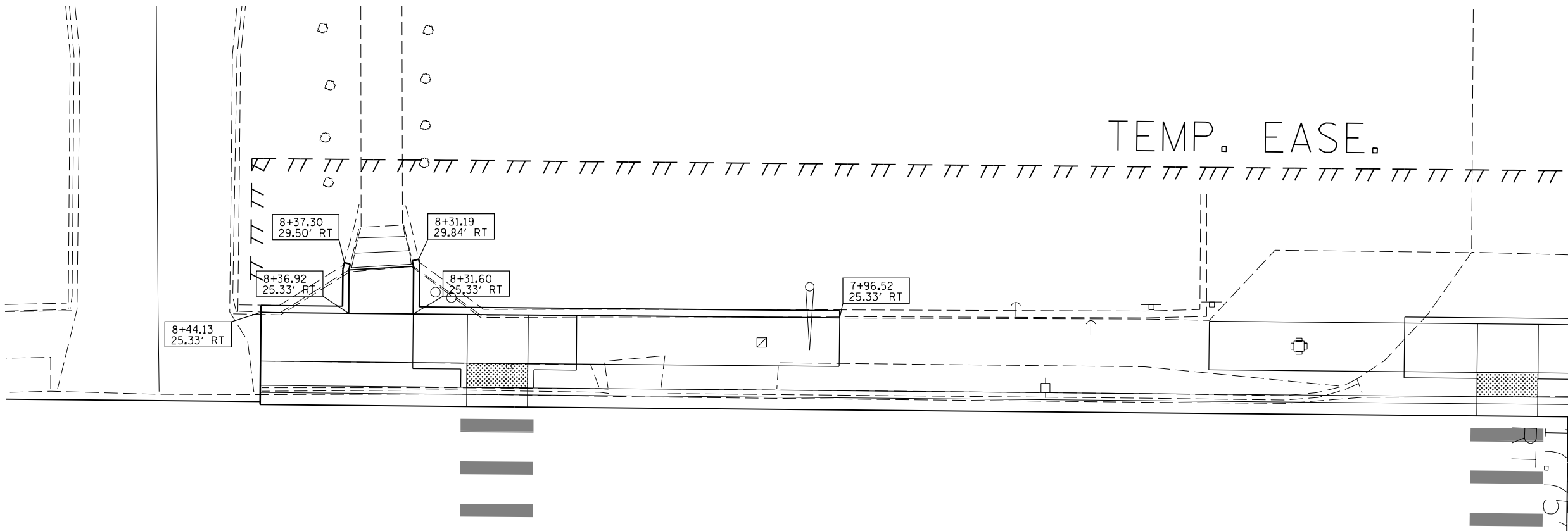
* FINAL QUANTITY OF BAR B "E" TO BE DETERMINED IN FIELD

RETAINING WALL DETAIL

(TO BE USED STA. 0+00 TO 11+05.19, NE RADIUS)



FILE NAME = p:\11\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78367\Drawings\78367-shr-drawings\78367-shr-drawings.dgn	USER NAME = greenlees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: RETAINING WALL NE QUAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -					873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	66
	PLOT DATE = 10/28/2016	DATE -	REVISED -					CONTRACT NO. 78367				
								ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.						



	CONCRETE STRUCTURES (CU. YD.)
7+66.39 TO 8+75.9, IL 37.	2.0
0+00 TO 11+05.19, NE RAD.	4.4
TOTAL	6.4

REINFORCEMENT FOR IL 37 RET. WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT LBS.
B "E"	4		VAR.*	25	44
TOTAL					152

WORK INVOLVED IN THE CONSTRUCTION OF RETAINING WALL, INCLUDING WEEP HOLES AND REINFORCEMENT WILL BE PAID FOR AS CONCRETE STRUCTURES (CU YD).

* FINAL QUANTITY OF BAR B "E" TO BE DETERMINED IN FIELD

RETAINING WALL DETAIL
TO BE USED: STA. 7+96.52 RT TO 8+44.13 RT, IL 37

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000' / 1"		CHECKED -	REVISED -
PLOT DATE = 10/28/2016		DATE -	REVISED -

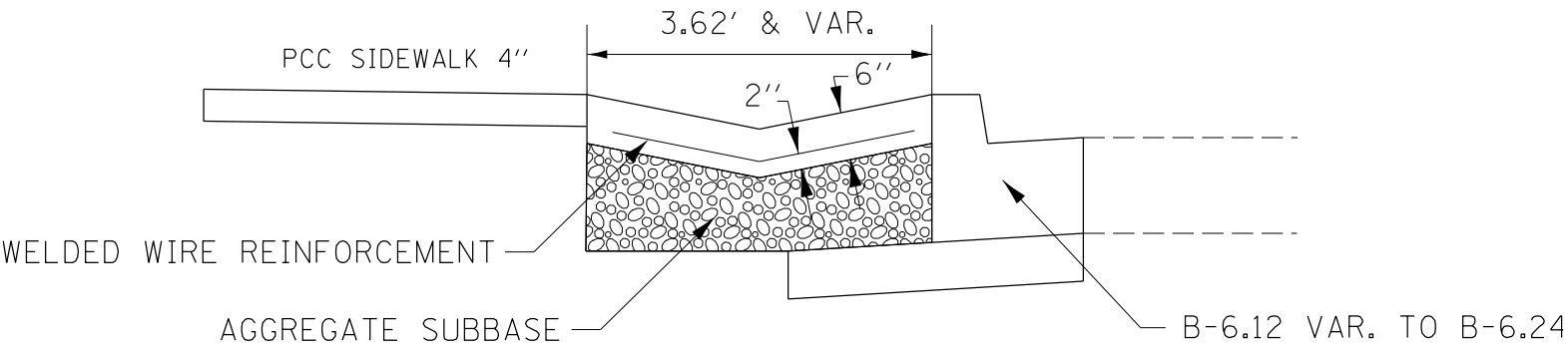
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: RETAINING WALL IL 37

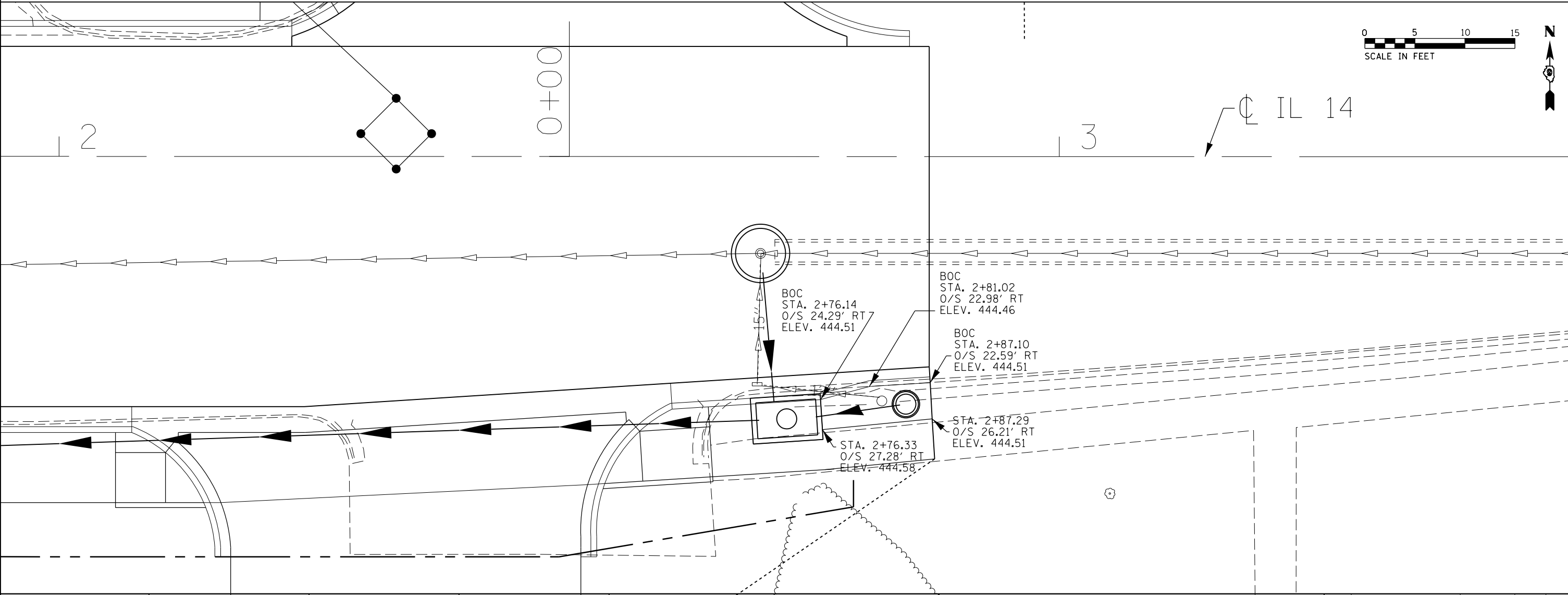
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	67
CONTRACT NO. 78367				
ILLINOIS FED. AID PROJECT				

CONCRETE GUTTER (SPECIAL) DETAIL

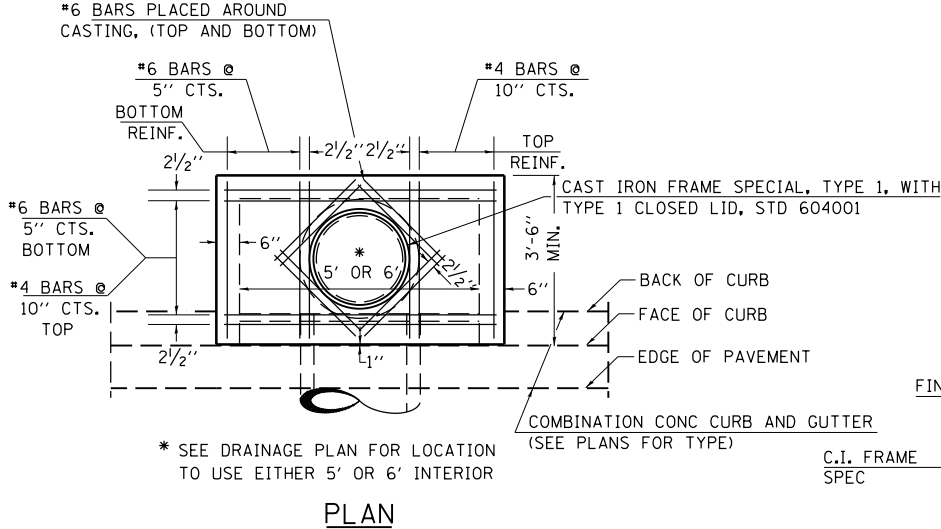


NOTE: AGGREGATE SUBBASE AND WELDED WIRE REINFORCEMENT SHOWN FOR CONCRETE GUTTER (SPECIAL) SHALL BE INCLUDED IN THE COST OF CONCRETE GUTTER (SPECIAL)



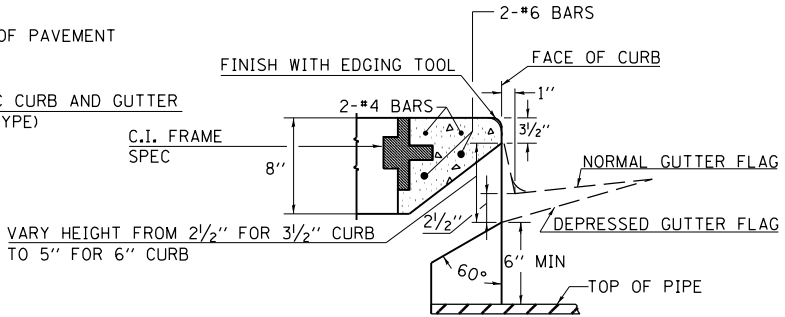
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		CHECKED -	REVISED -									873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	68
		DATE -	REVISED -									CONTRACT NO. 78367				
		PLOT DATE = 10/28/2016	DATE -									ILLINOIS FED. AID PROJECT				

INLET SPECIAL

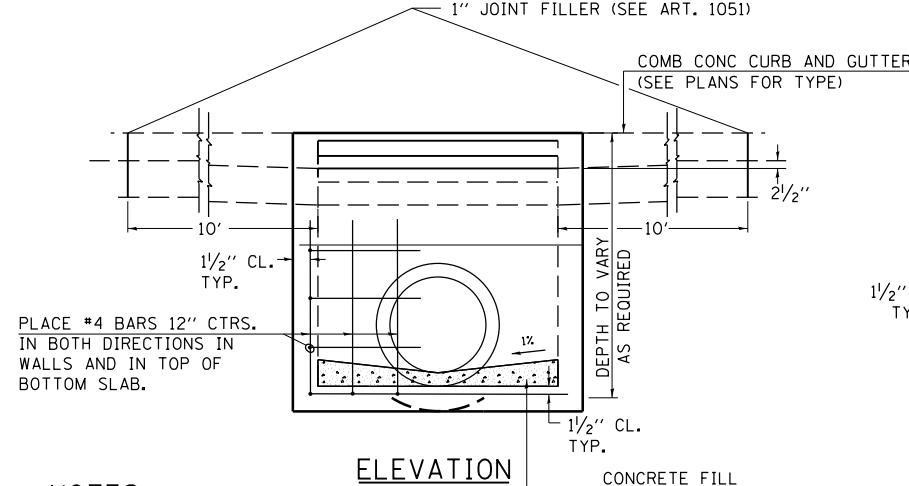


"D" TABLE

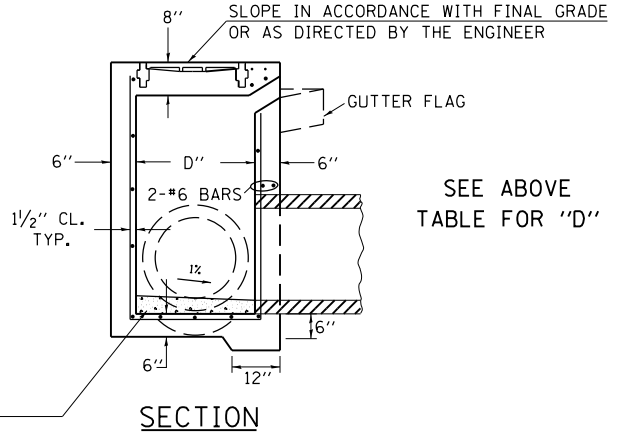
DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



SECTION AT WEIR



ELEVATION



SECTION

SEE ABOVE TABLE FOR "D"

NOTES:

PROVIDE 1 1/2 inch CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

GUTTER FLOWLINE AT INLET 2 1/2 inch BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET, SPECIAL**, WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

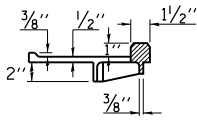
IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT STANDARD SPECIFICATIONS SECTIONS 602 AND 1042.

****STEPS WILL BE REQUIRED AT 12 inch SPACING WHEN INLET IS OVER 4' DEEP. SEE ARTICLE 602.08 OF THE STANDARD SPECS AND DETAILS**

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

** CAST IRON STEPS

TREAD DIMENSION DETAILS SEE HWY STD 602701



SEC. A-A

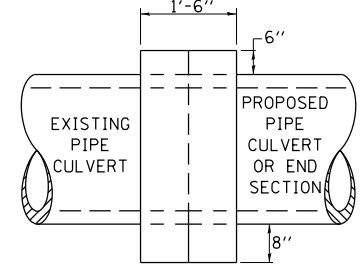
** GALVANIZED IRON STEPS

1 inch ROUND GALVANIZED IRON STEPS 12 inch O.C. (OPTIONAL STEPS)

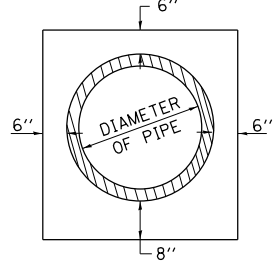
STD. 9-1

REVISIONS			
REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	4-10-13
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	

CONCRETE COLLAR
PIPE TO PIPE



SIDE VIEW



END VIEW

TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

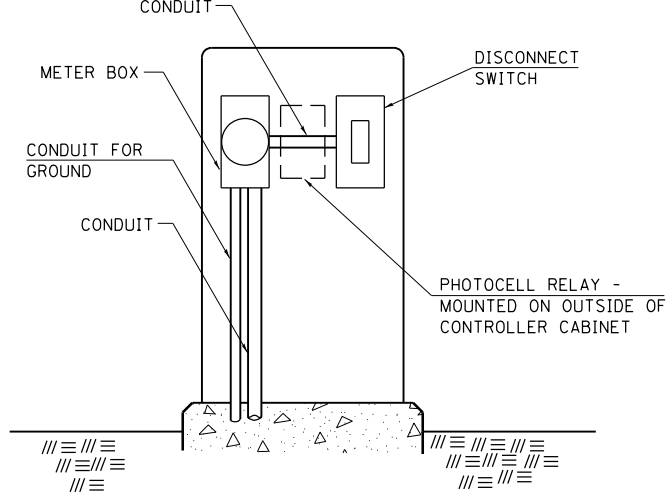
THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR**, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

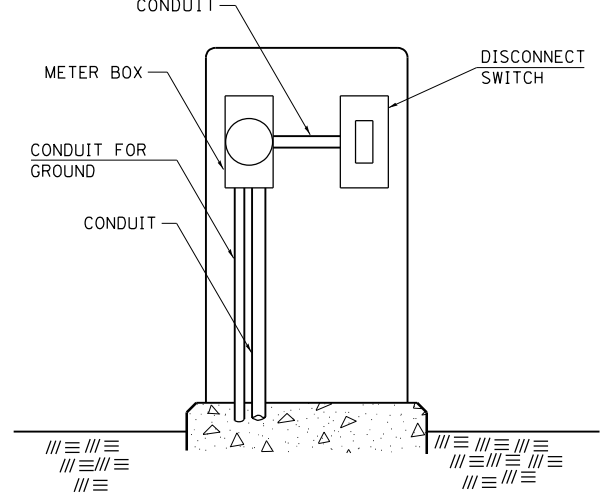
REVISIONS	
DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08
REVISED	5-17-13

STD. 9-79

SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL)
WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

NOTE:

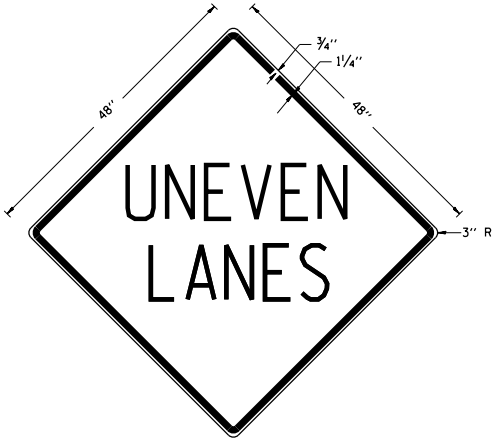
MATERIAL AND SIZE OF CONDUIT AND CABLE AS REQUIRED BY UTILITY COMPANY

REVISIONS	
DRAWN	1-31-90
REVISED	2-24-92
RESIZED	5-7-08
REVISED	5-17-13

STD. 9-68

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

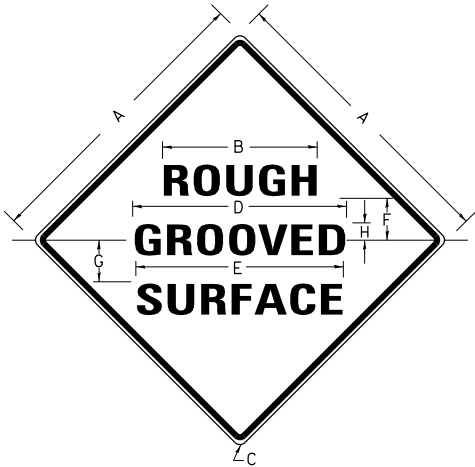
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

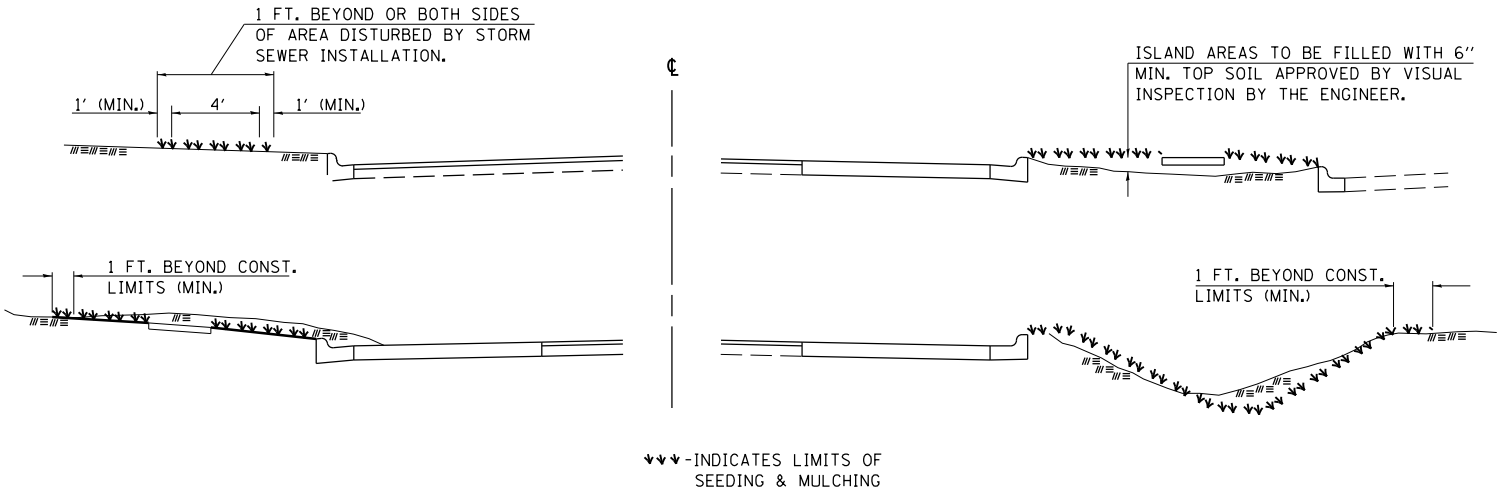
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIME-STONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

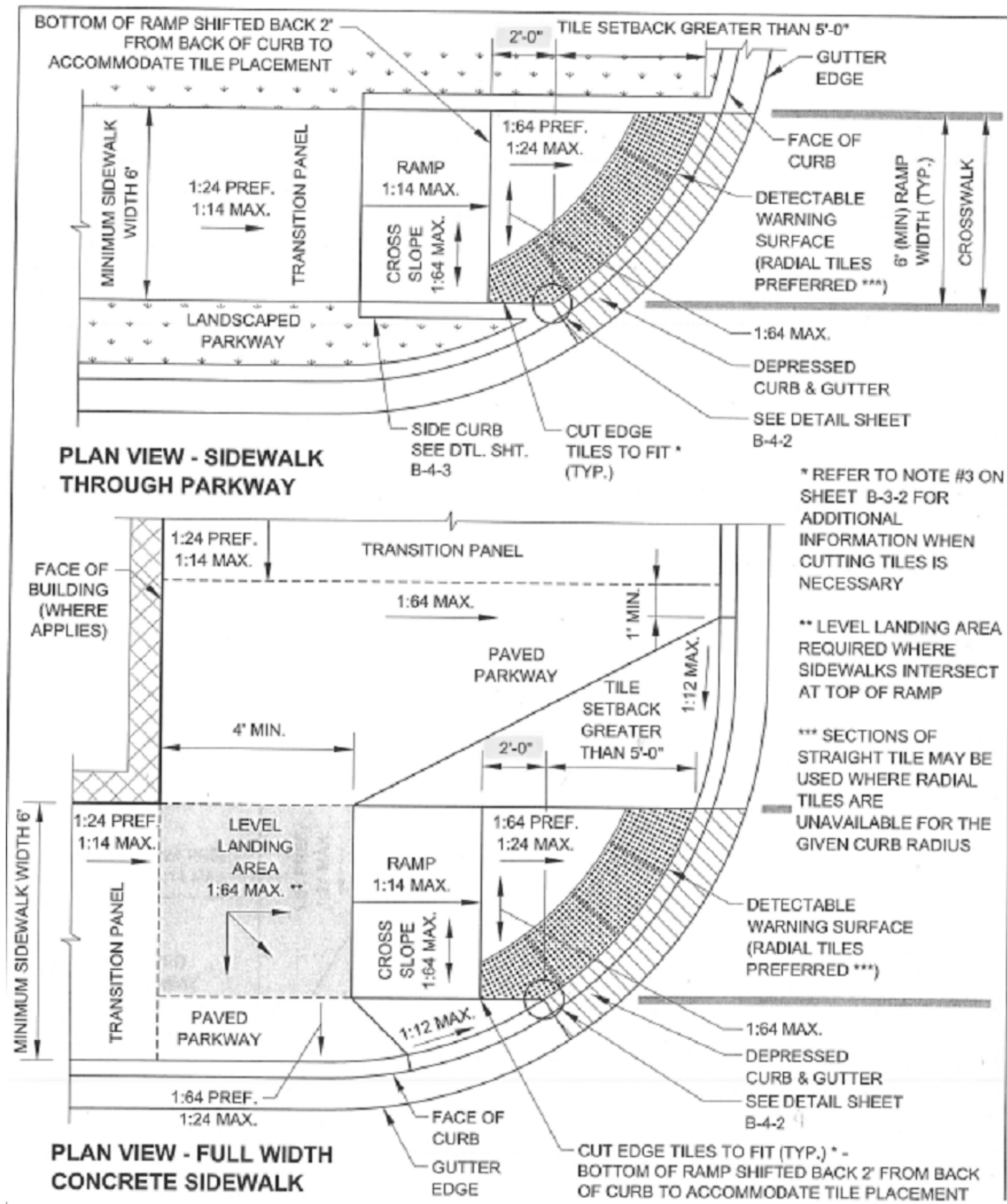
REVISIONS

DRAWN	6-15-89
REVISED	8-16-94
REVISED	3-27-08
REVISED	

STD. 9-52

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p:\11\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\Drawn to CAD\Drawn to CAD sheets\78367-shit-details.dgn			REVISED =				853	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	70
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	PLOT DATE = 10/28/2016	DATE =	REVISED =				ILLINOIS FED. AID PROJECT				
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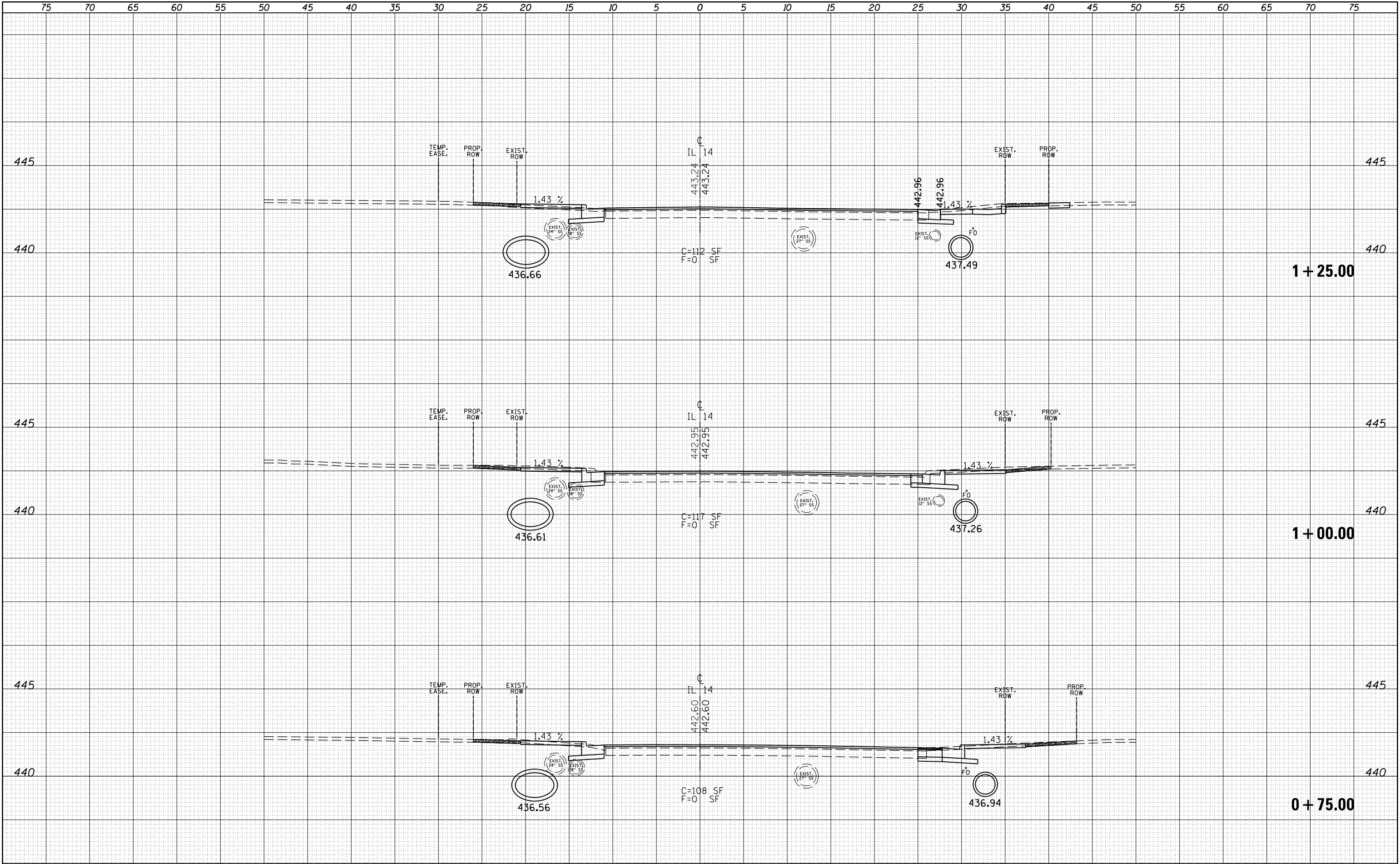
DETECTABLE WARNING DETAIL



ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL		SURVEY	NOTE BOOK			
NO.						

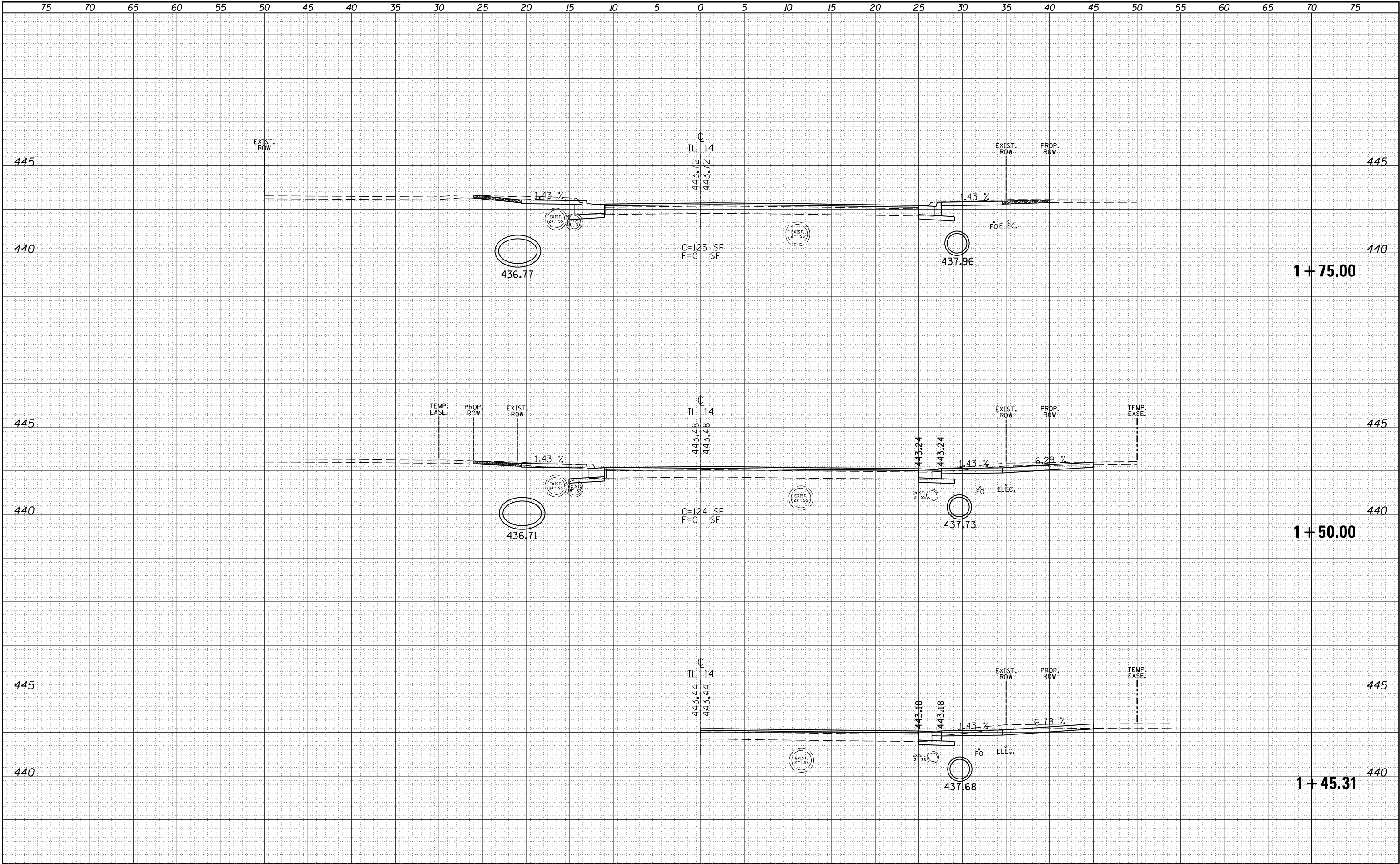
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ORIGINAL		SURVEY	NOTE BOOK			
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FILE NAME :	USER NAME : greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS (IL 14)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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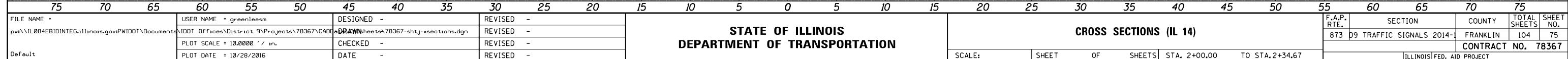
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		ORIGINAL	SURVEY	NOTE BOOK		



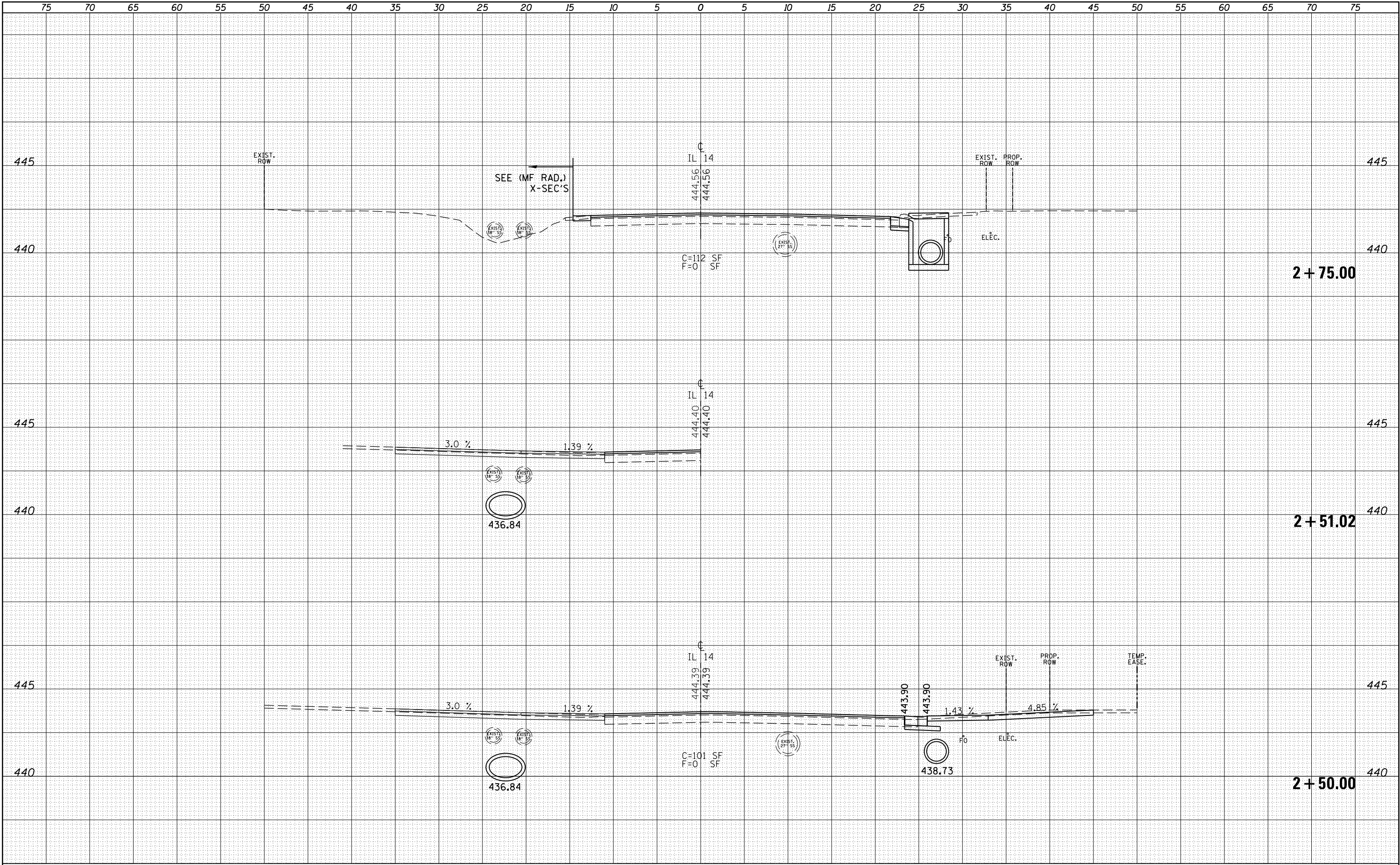
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PLOT DATE = 10/28/2016	DATE -	REVIS	REVIS									ILLINOIS FED. AID PROJECT				
Default								SCALE:	SHEET	OF	SHEETS	STA. 1+45.31	TO STA. 1+75.00			

ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		FINAL	SURVEY	NOTE BOOK		

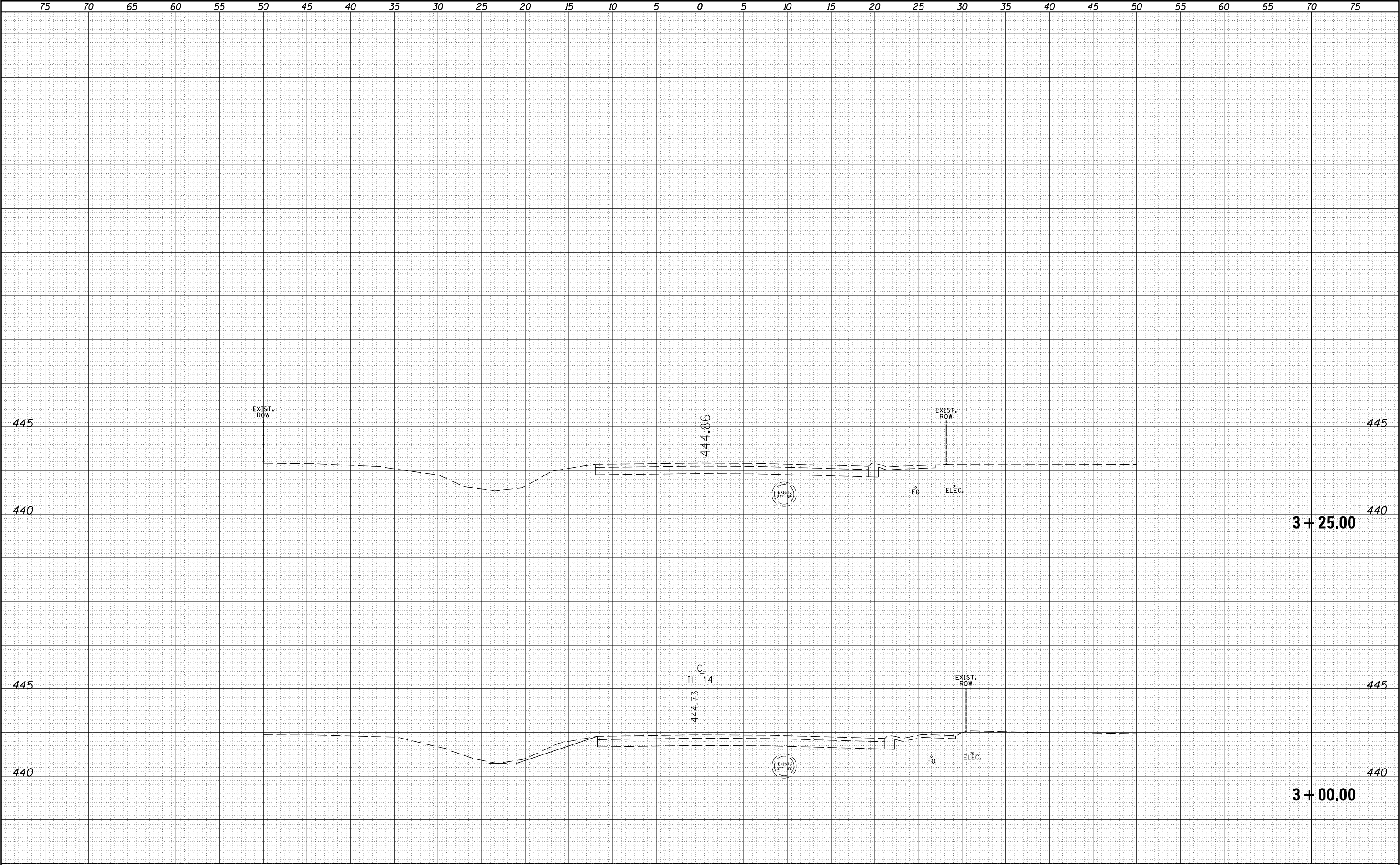
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NO.		ORIGINAL	SURVEY	NOTE BOOK		



FILE NAME =	USER NAME = greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (IL 14)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 10/28/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
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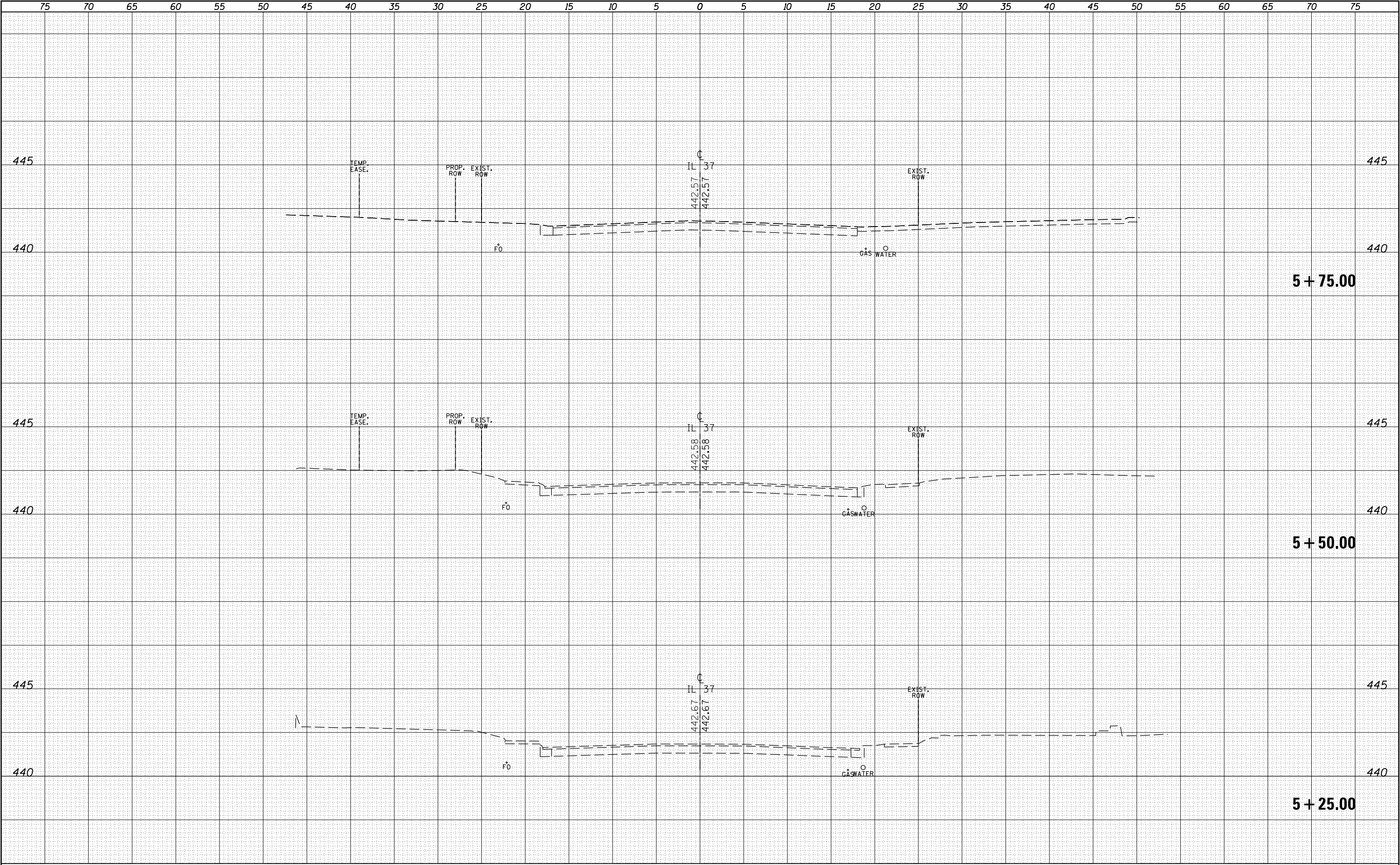
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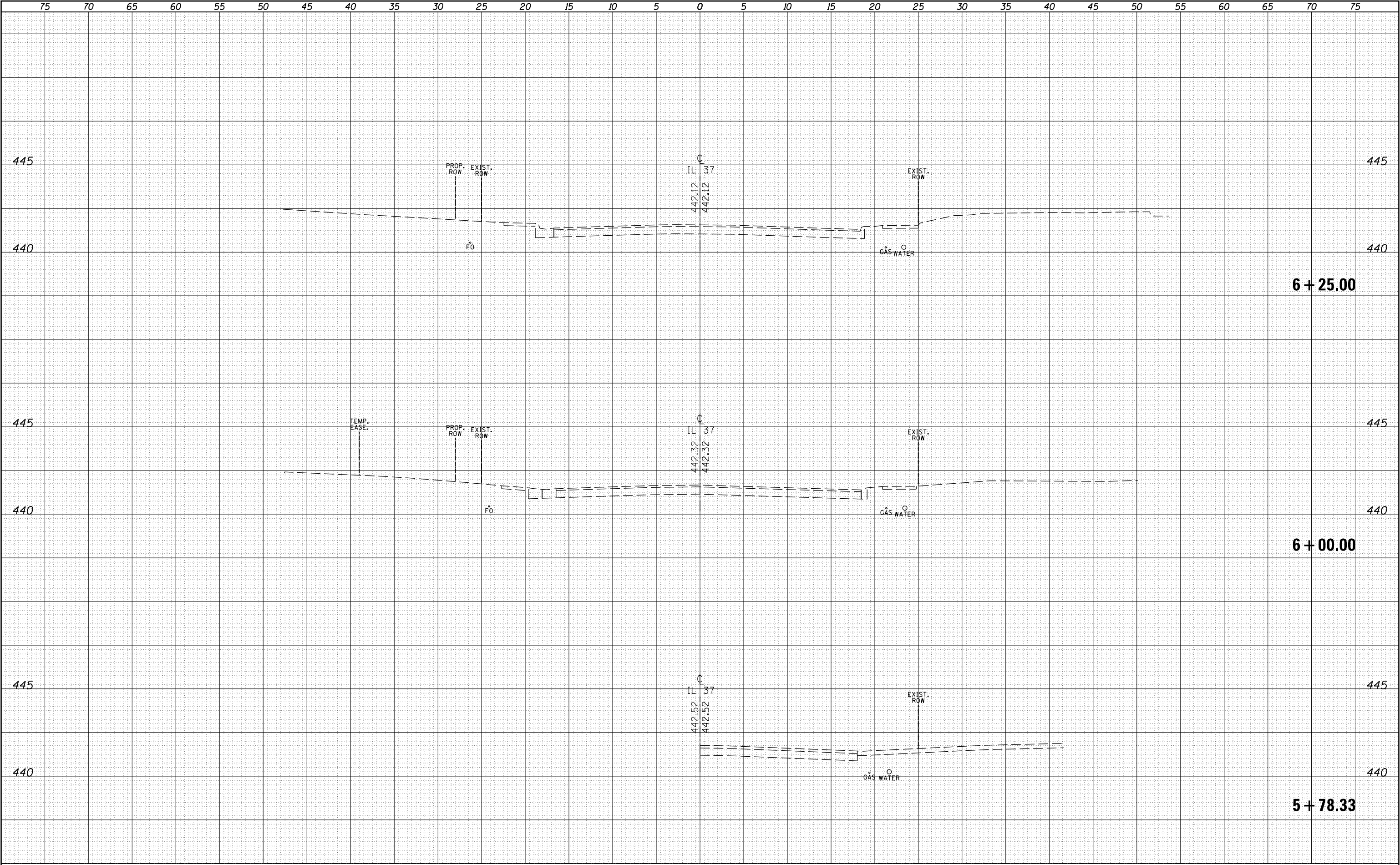
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ORIGINAL SURVEY NOTE BOOK NO.	BY	DATE
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



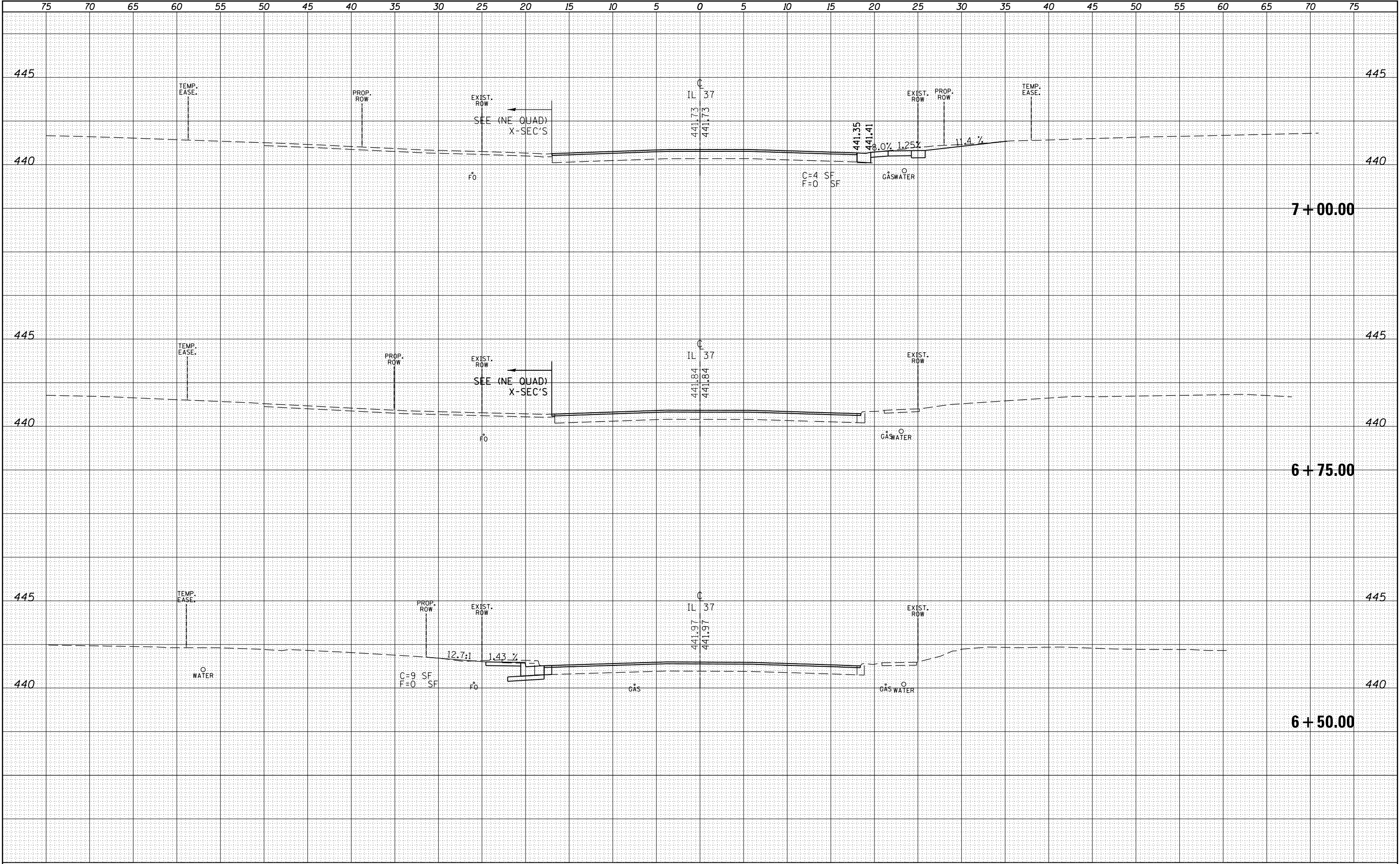
FINAL SURVEY NOTE BOOK NO.	BY	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	BY	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE



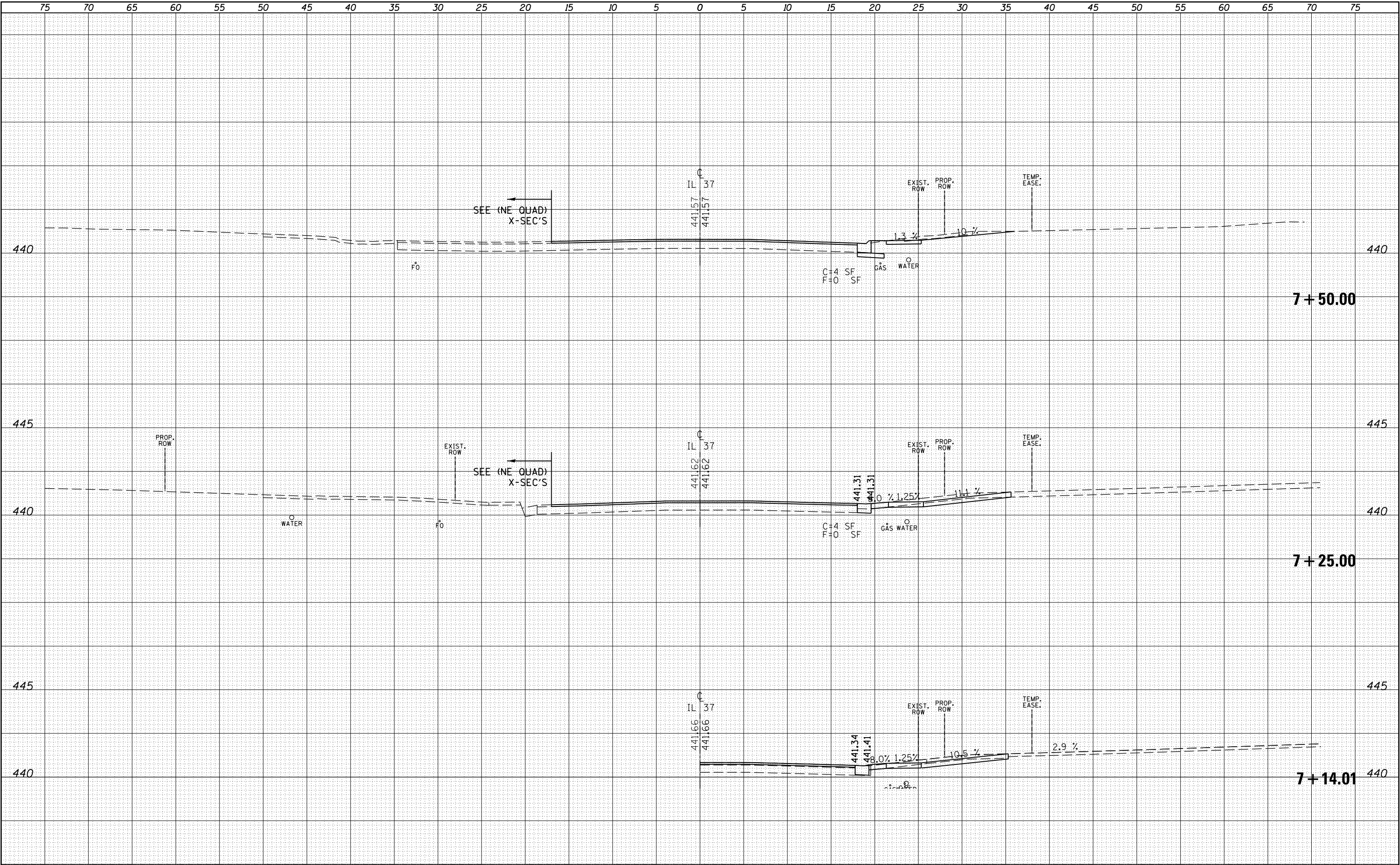
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		NO.	NO.	NO.	NO.

DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS
		NO.	NO.	NO.	NO.
		NO.	NO.	NO.	NO.



DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS	CHECKED
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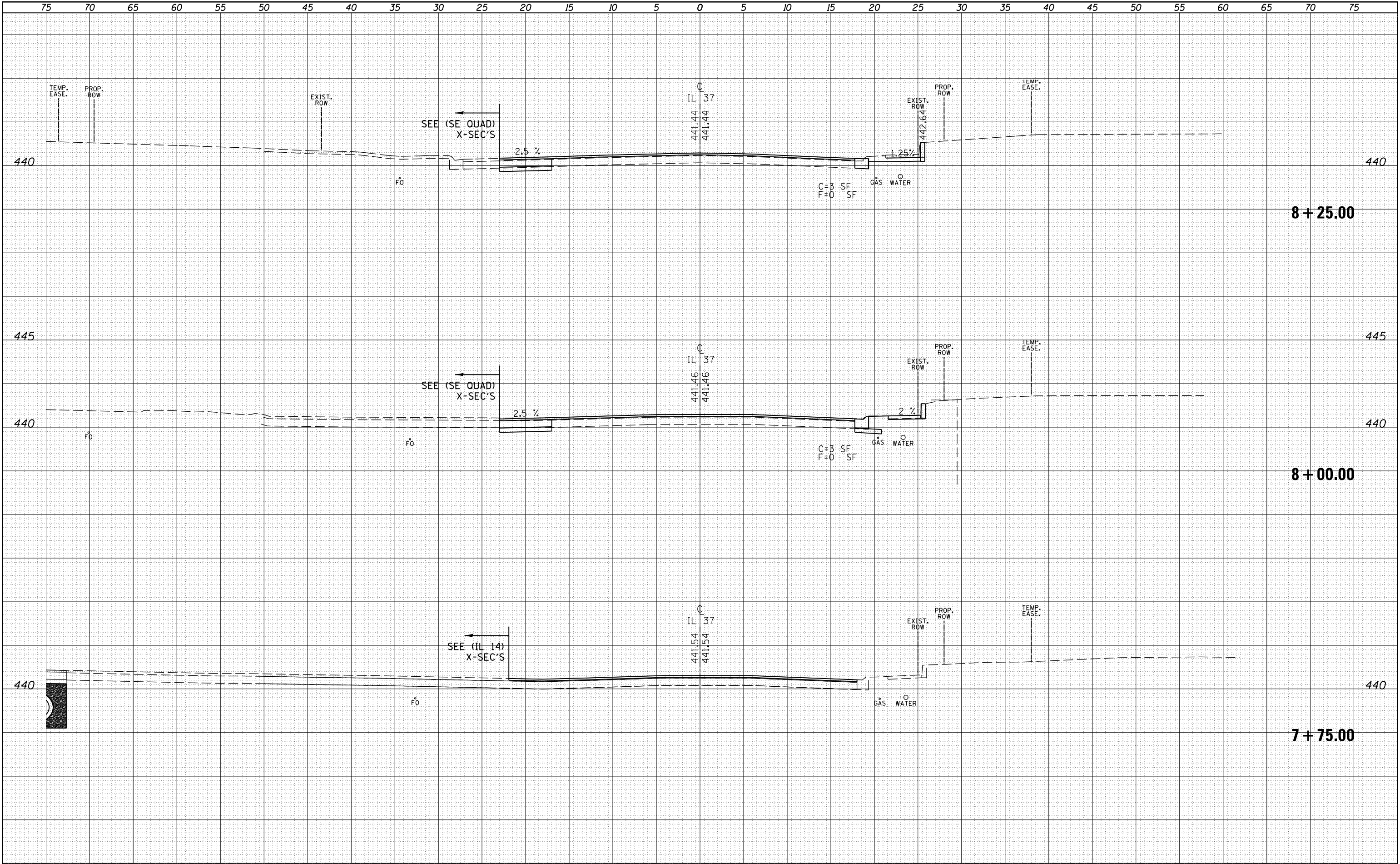
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FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DRAWN	REVISED									873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	81
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -									CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET		OF		SHEETS		STA. 7+14.01		TO STA. 7+50.00		

DATE	BY	SURVEYED	PLOTTED	TEMP.	PROP.	EXIST.
NO.		NO.	NO.	NO.	NO.	NO.

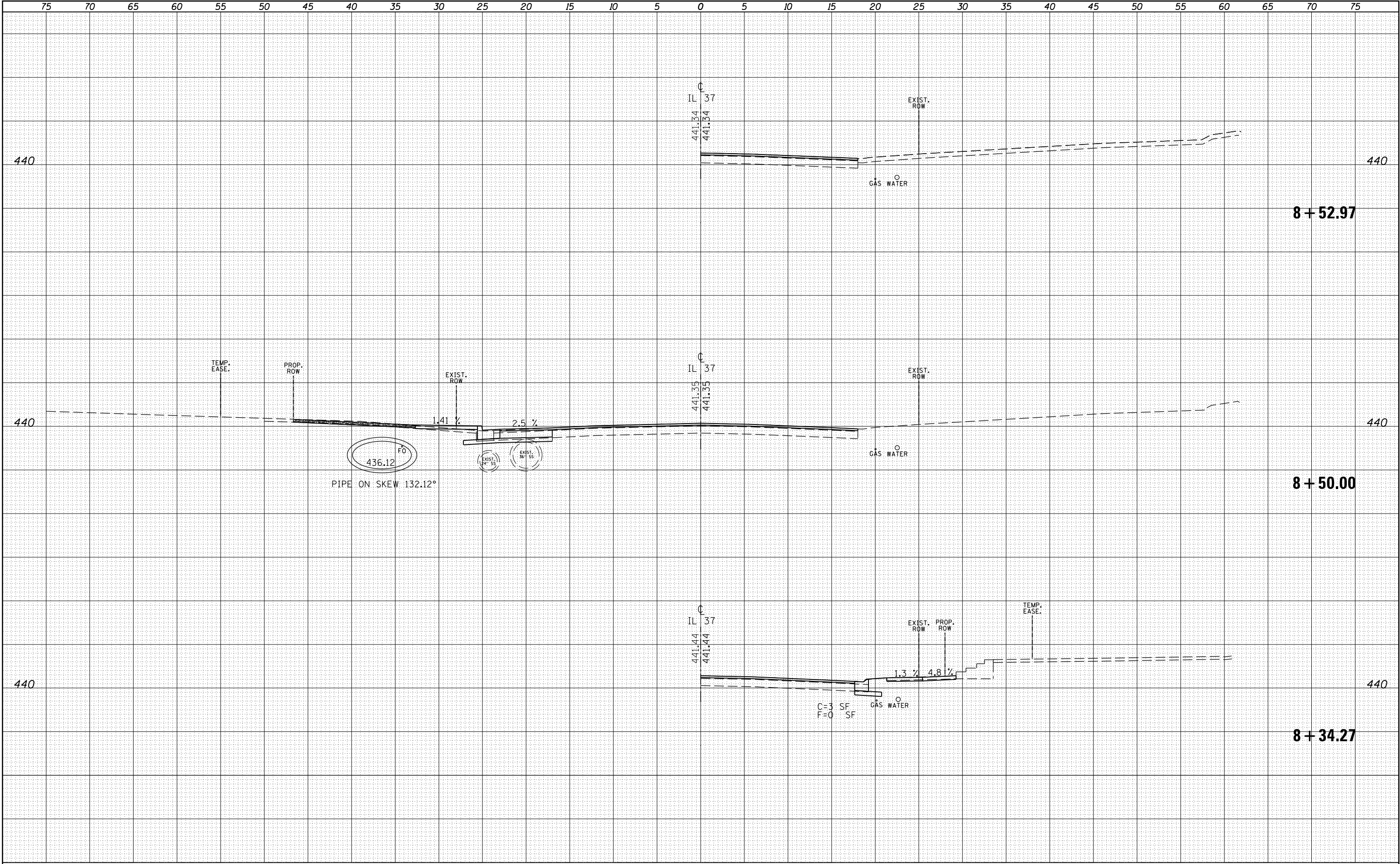
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FILE NAME :	USER NAME : greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS	CROSS SECTIONS (IL 37)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\IDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DRAWN	REVISED	DEPARTMENT OF TRANSPORTATION			873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	82
Default	PLOT SCALE : 10.0000' / in.	CHECKED -	REVISED -		SCALE:		SHEET	OF	SHEETS	STA. 7+75.00	TO STA. 8+25.00
	PLOT DATE : 10/28/2016	DATE -	REVISED -							ILLINOIS FED. AID PROJECT	

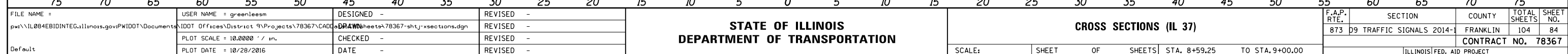
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		NO.	NO.	NO.	CHECKED

DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS
		NO.	NO.	NO.	CHECKED



FILE NAME :	USER NAME : greenleesm	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DRAWN	REVISD									873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	83
Plot Scale : 10.0000' / in.	CHECKED -	REVISD -	REVISD -									CONTRACT NO. 78367				
Plot Date : 10/28/2016	DATE -	REVISD -	REVISD -									ILLINOIS FED. AID PROJECT				
Default								SCALE:	SHEET	OF	SHEETS	STA. 8+34.27	TO STA. 8+52.97			

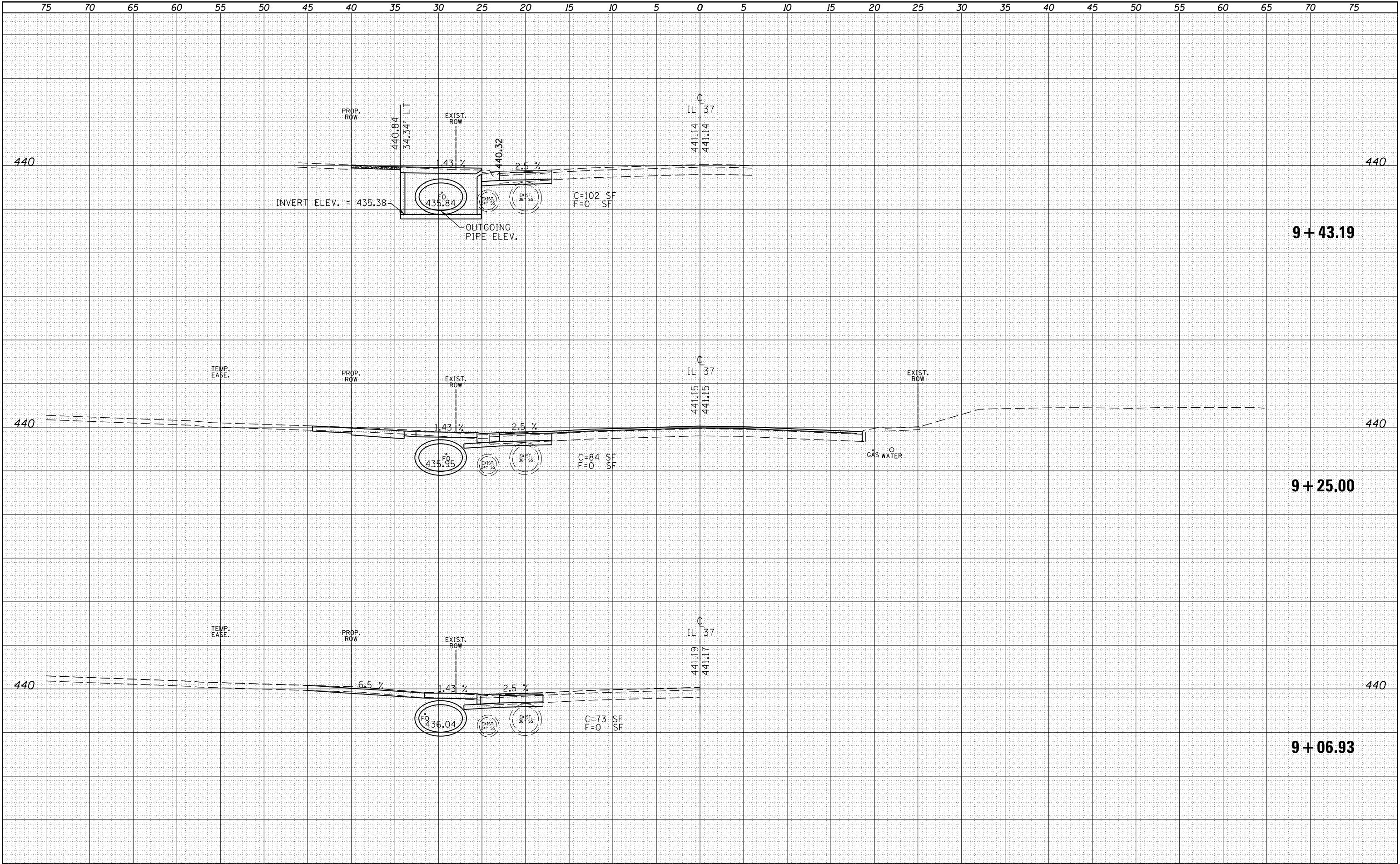
ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt\IL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\DRAWINGS\78367-shjt-xsections.dgn	IDOT Offices\District 9\Projects\78367\CADD\DRAWINGS\78367-shjt-xsections.dgn	CHECKED -	REVISED -						873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	84
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78367										
PLOT DATE = 10/28/2016	DATE -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 8+59.25	TO	STA. 9+00.00	ILLINOIS FED. AID PROJECT		
Default													

DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS
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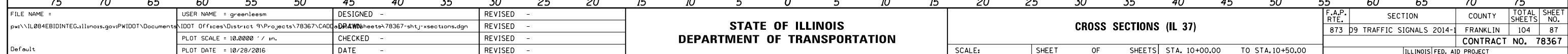
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FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (IL 37)	SCALE:	SHEET	OF	SHEETS	STA. 9+06.93	TO STA. 9+43.19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DESIGNED -	REVISED -									873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	85
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -									CONTRACT NO. 78367				
PLOT DATE = 10/28/2016		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

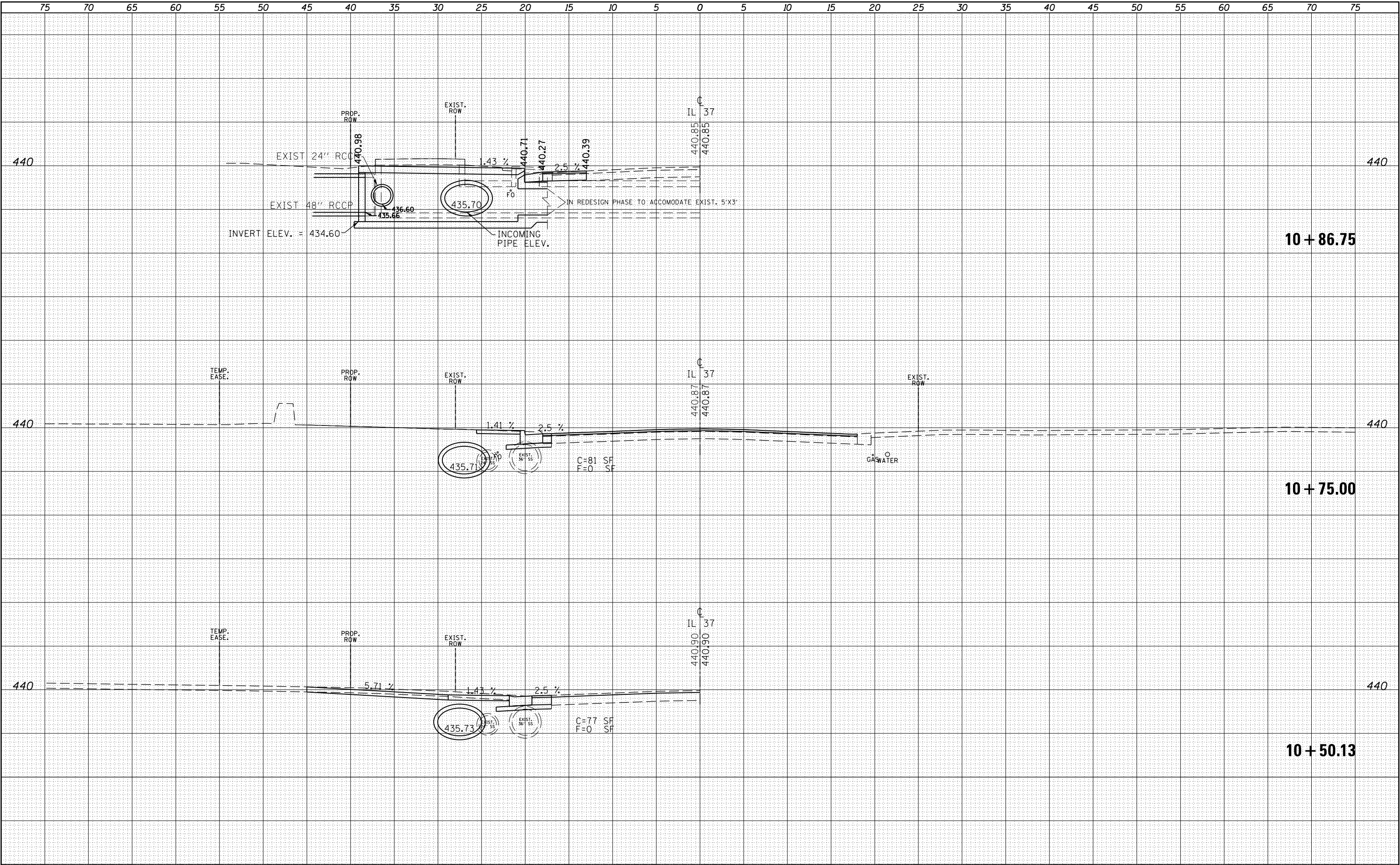
ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS
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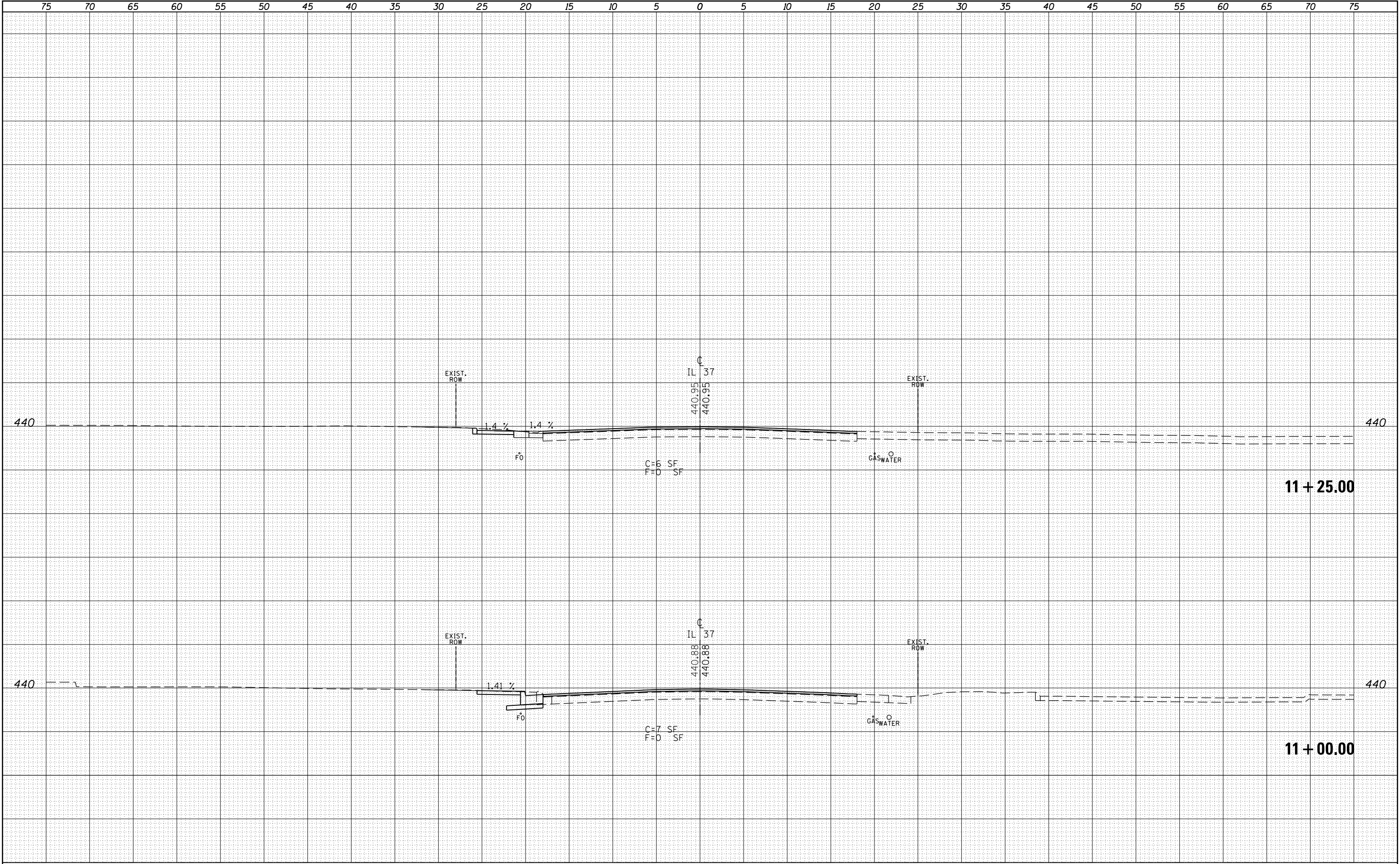
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FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (IL 37)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\NIDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		REVIS	REVIS						873	D9 TRAFFIC SIGNALS 2014-1	FRANKLIN	104	88
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78367								
	PLOT DATE = 10/28/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 10+50.13	TO STA. 10+86.75	ILLINOIS FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	

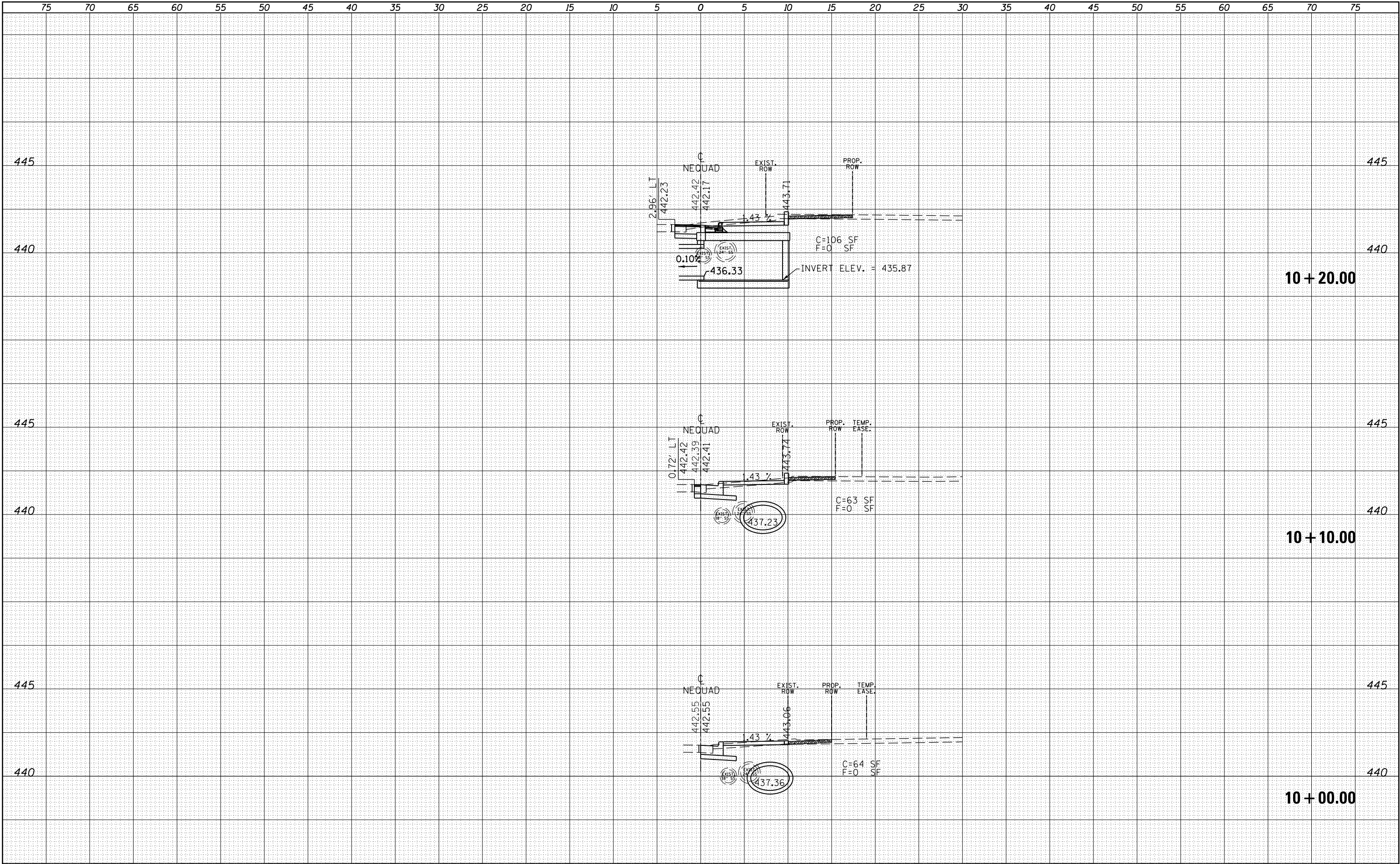
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (IL 37)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 78367						
	PLOT DATE = 10/28/2016	DATE -	REVISED -							ILLINOIS FED. AID PROJECT						
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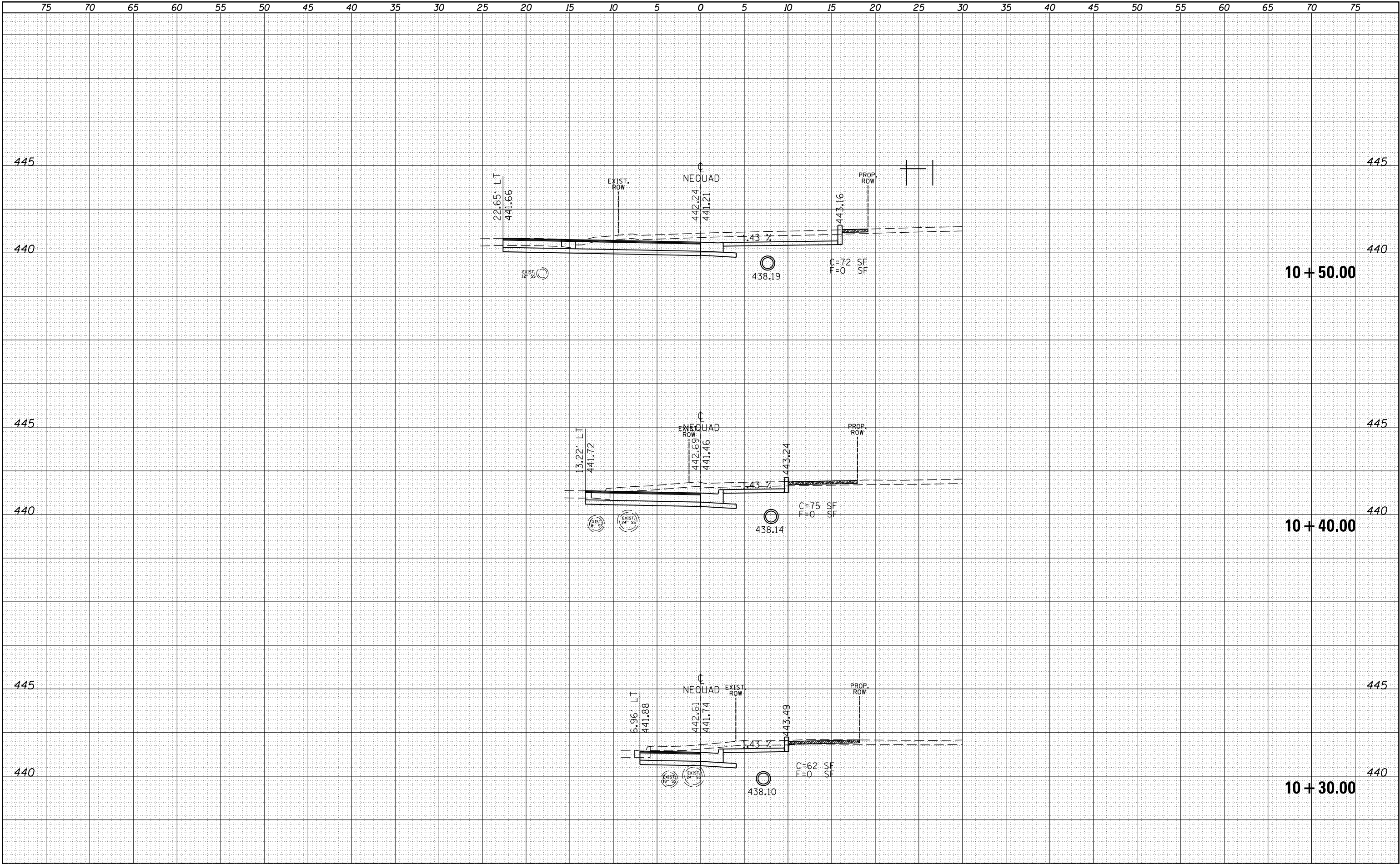
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DATE	BY	ORIGINAL	SURVEY	PLOTTED	AREAS	CHECKED
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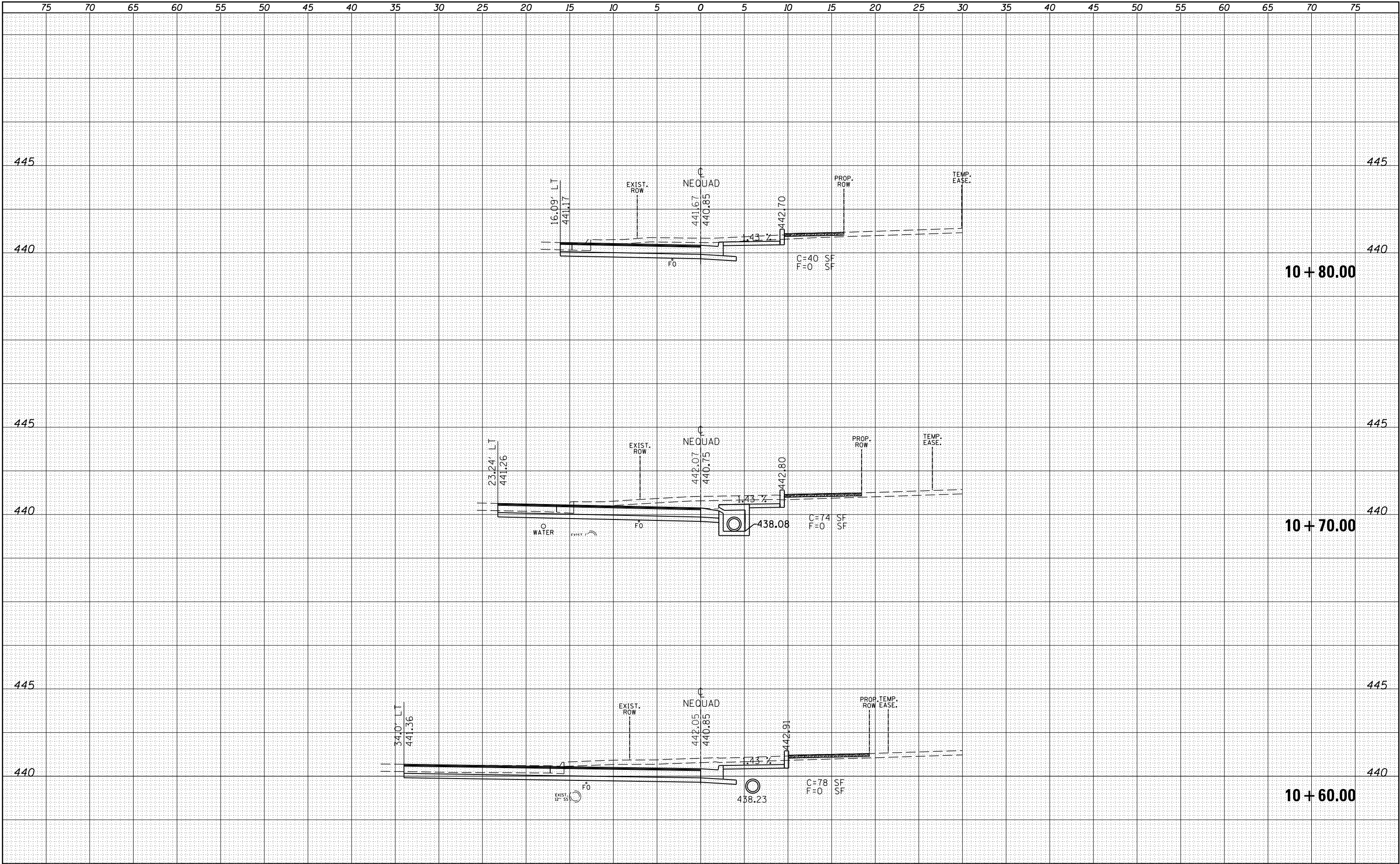
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DATE	BY	SURVEYED	PLOTTED	AREAS	CHECKED
		NO.	NO.	NO.	NO.



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		FINAL	SURVEY	NOTE BOOK		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		ORIGINAL	SURVEY	NOTE BOOK		

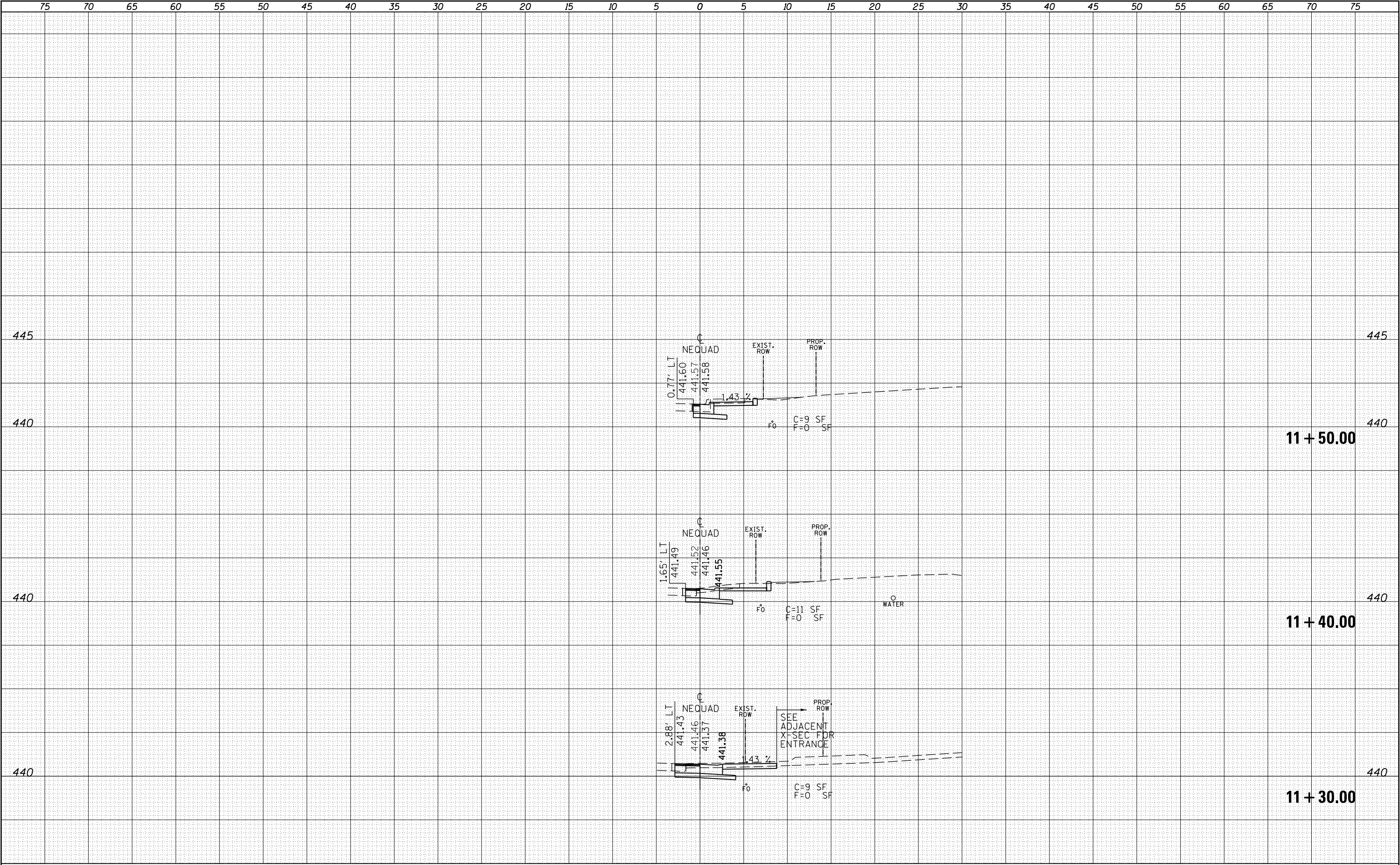


FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (NE QUAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA. 10+60.00

ORIGINAL		BY	DATE
SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

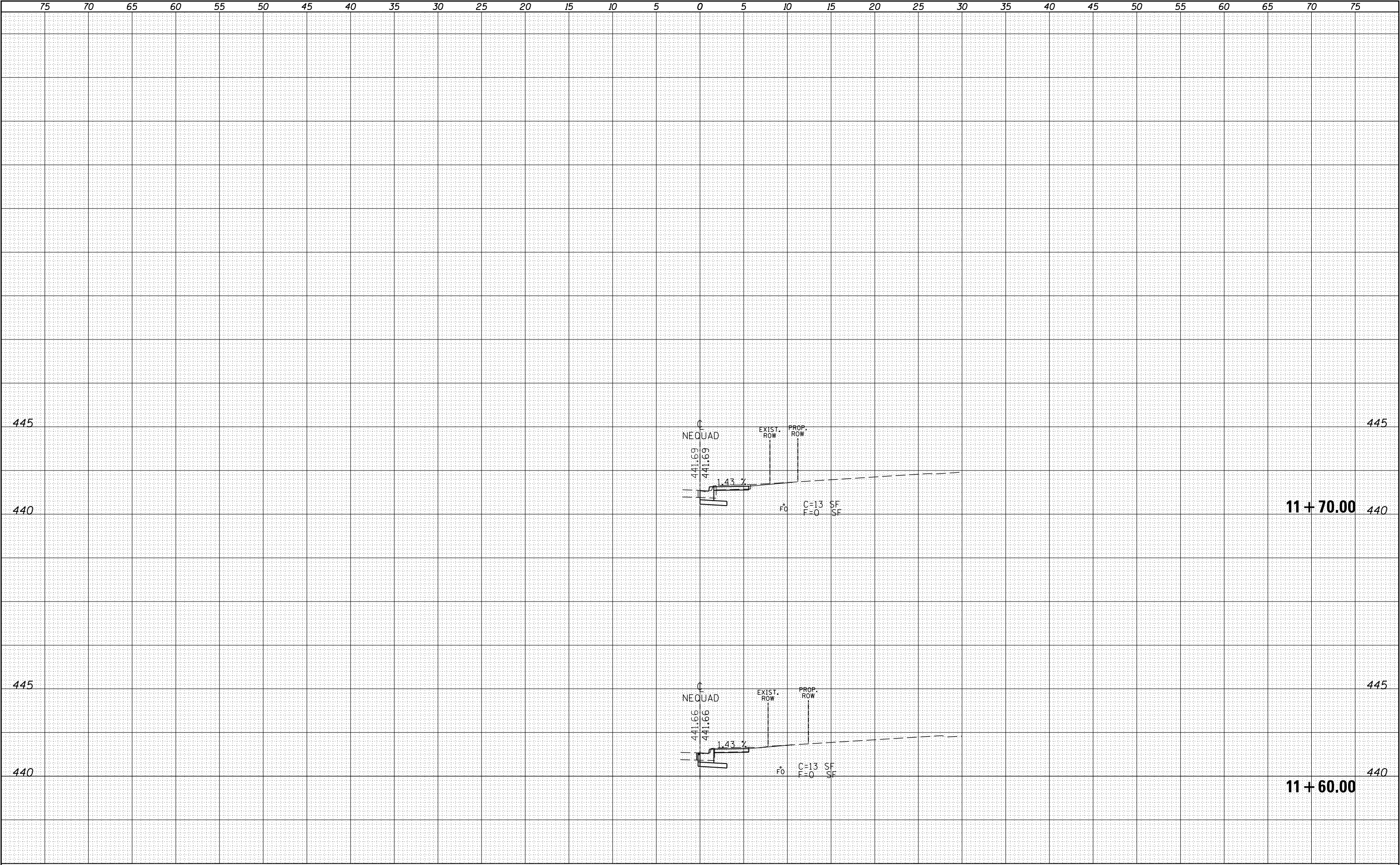
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (NE QUAD)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DRAWN	REVISED -							873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	94
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 78367				
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
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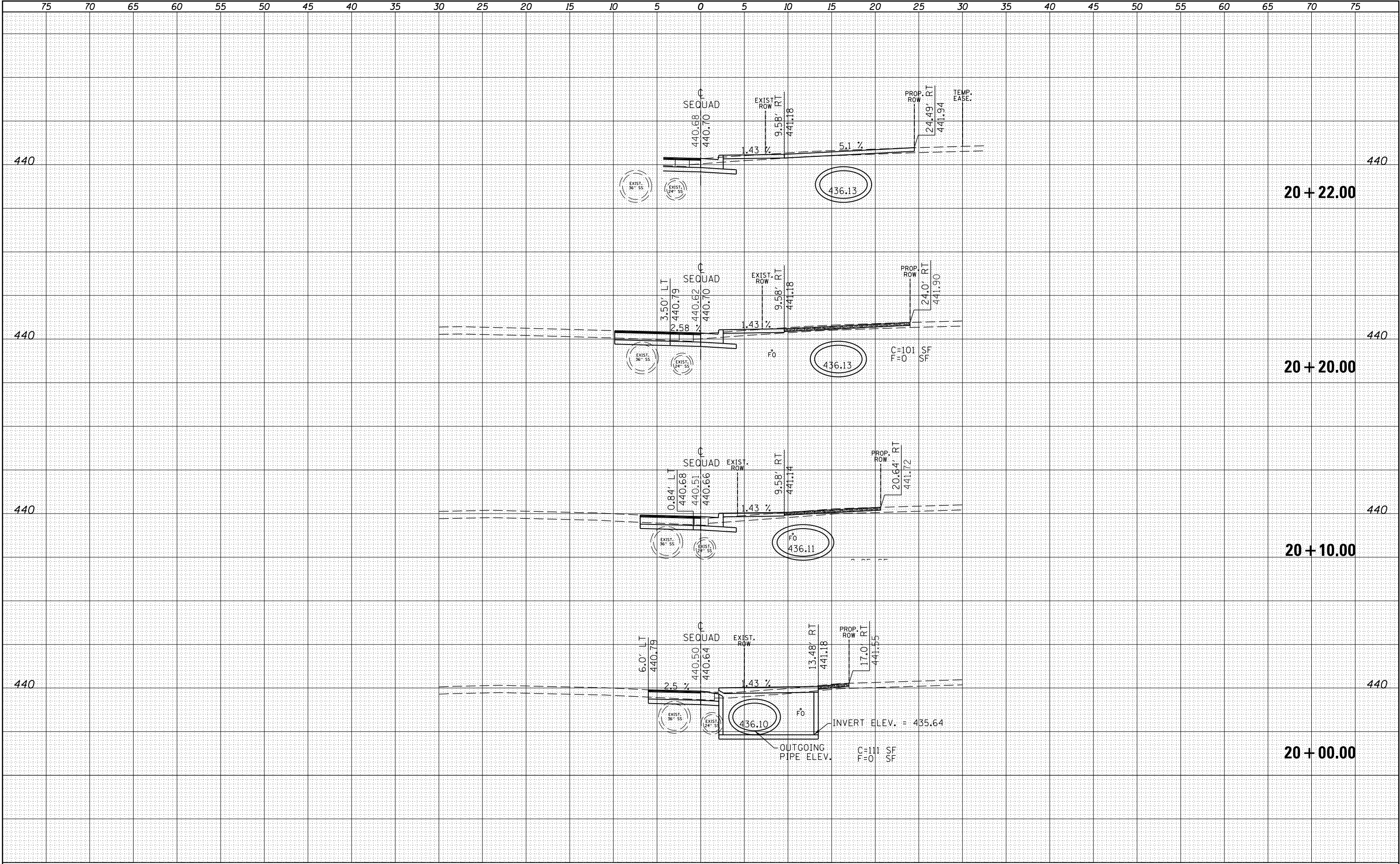
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



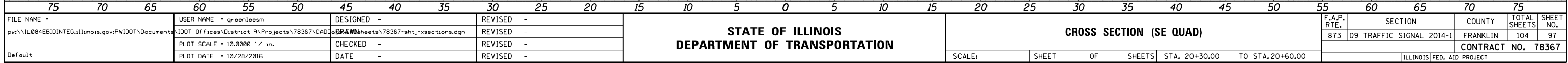
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NO.		FINAL SURVEY	NOTE BOOK		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		ORIGINAL SURVEY	NOTE BOOK		



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (SE QUAD)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 78367				
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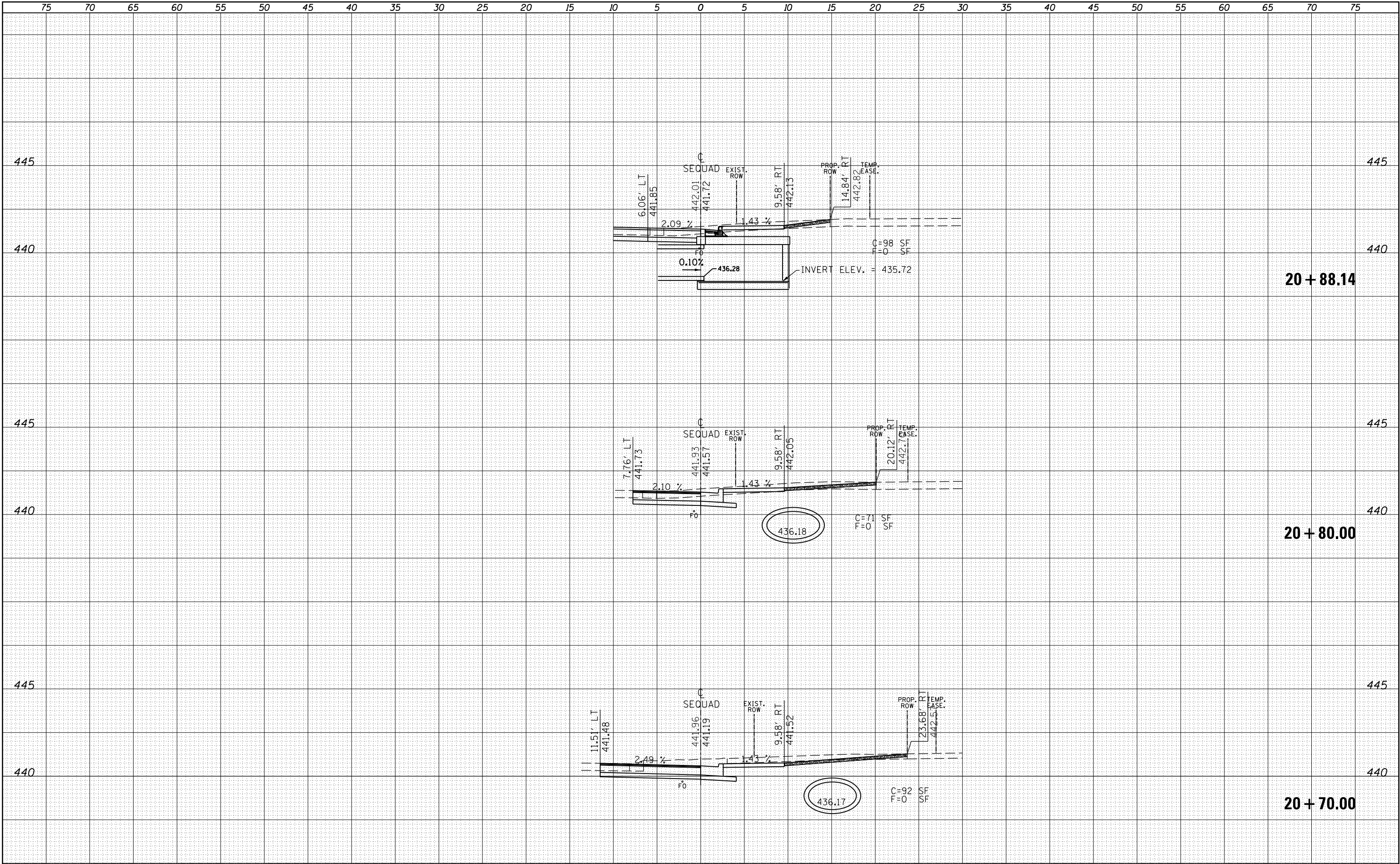
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SURVEY	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (SE QUAD)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 10/28/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 20+30.00	TO STA. 20+60.00	ILLINOIS FED. AID PROJECT			

DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS	CHECKED
NO.		FINAL	SURVEY	NOTE BOOK		

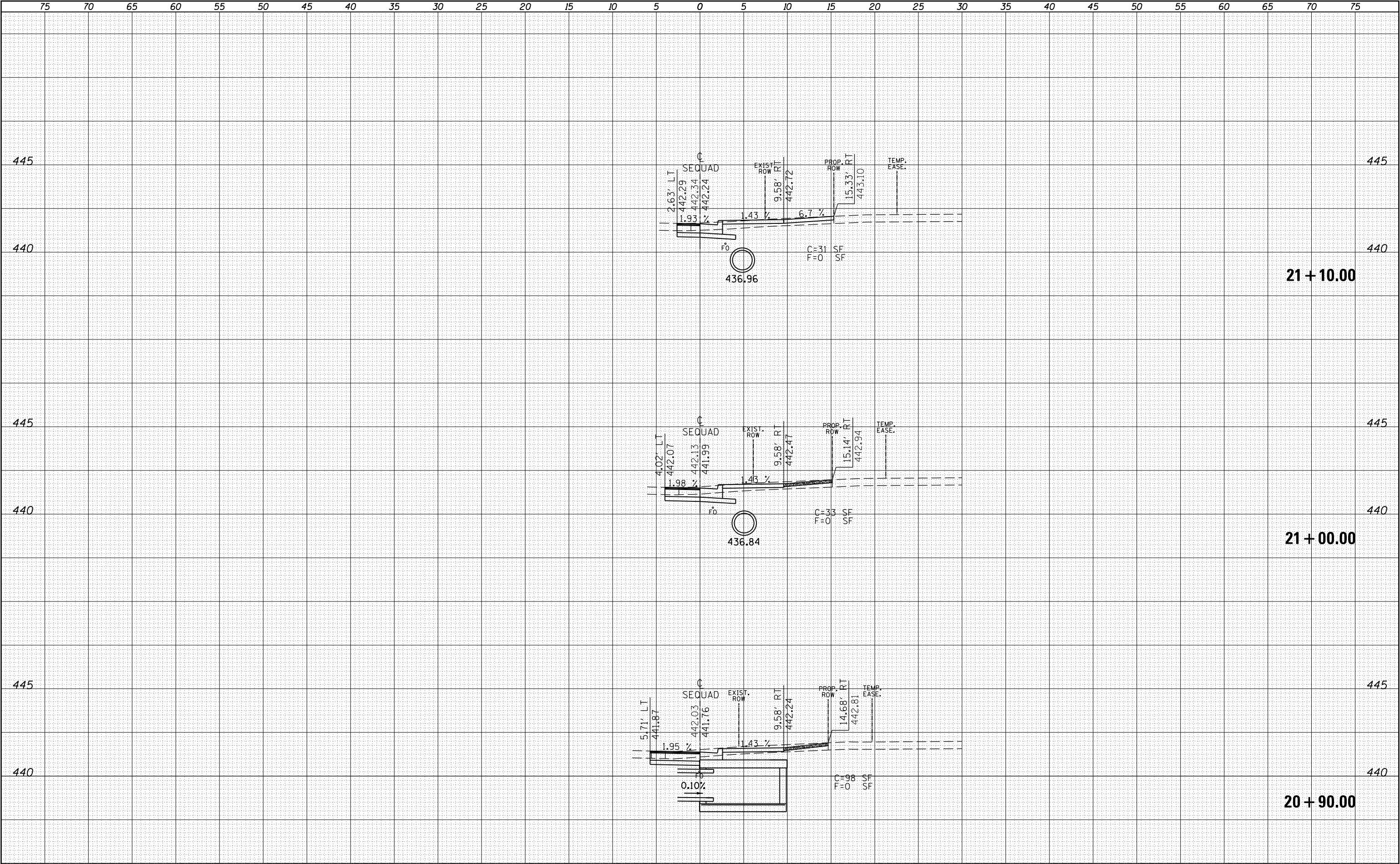
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NO.		ORIGINAL	SURVEY	NOTE BOOK		



FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTION (SE QUAD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -									CONTRACT NO. 78367				
	PLOT DATE = 10/28/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET		OF		SHEETS		STA. 20+70.00		TO STA. 20+88.14		

DATE	BY	SURVEYED	PLOTTED	TEMP.	AREAS	CHECKED
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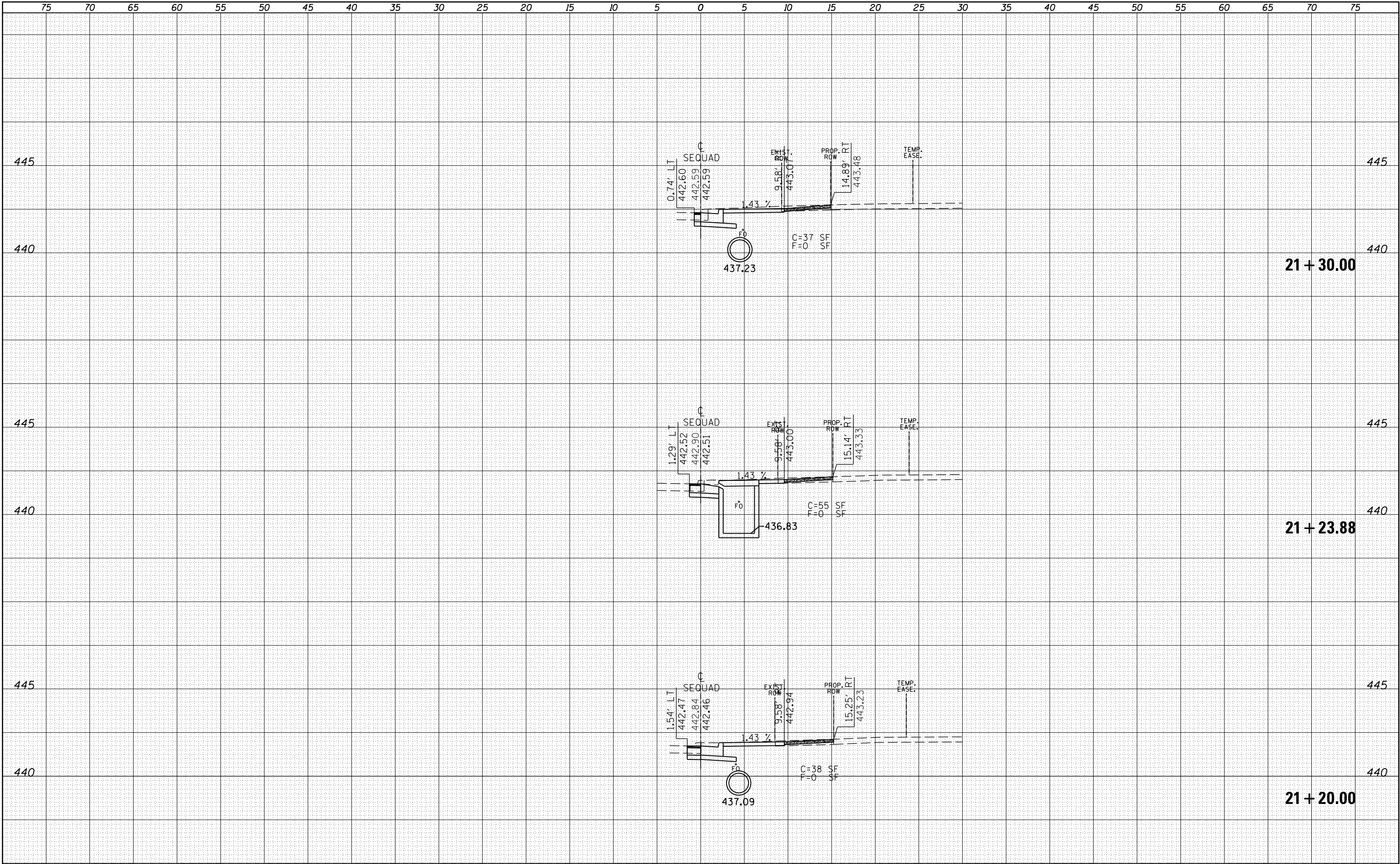
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FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (SE QUAD)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		CHECKED -	REVISED -							873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	99	
Default		DATE -	REVISED -							CONTRACT NO. 78367					
										ILLINOIS FED. AID PROJECT					
										SCALE:	SHEET	OF	SHEETS	STA. 20+90.00	TO STA. 21+10.00

DATE	BY	SURVEYED	PLOTTED	AREAS
		NO.	NO.	CHECKED
		NO.	NO.	CHECKED

DATE	BY	SURVEYED	PLOTTED	AREAS
		NO.	NO.	CHECKED
		NO.	NO.	CHECKED

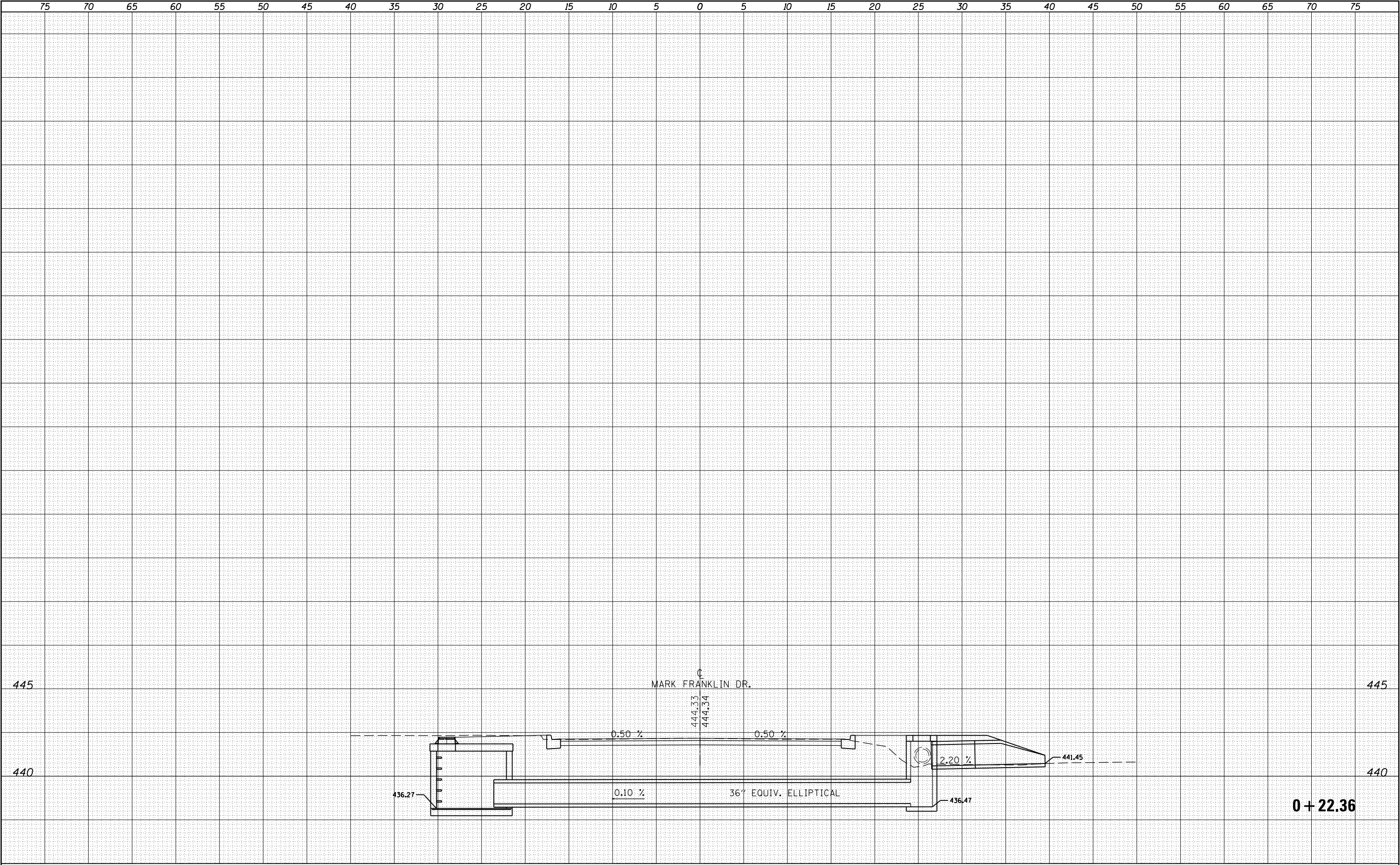


FILE NAME =	USER NAME = greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION (SE QUAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1\084EBID\INTEG\Illinois.gov\PIDOT\Documents	IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn	CHECKED -	REVISED -			873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	100	
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 78367					
	PLOT DATE = 10/28/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA. 21+20.00	TO STA. 21+30.00

ORIGINAL SURVEY				DATE
NOTE BOOK	SURVEYED _____		BY	
	PLOTTED _____			
	TEMPLATE _____			
	AREAS _____			
	AREAS CHECKED _____			
No. _____				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (MARK FRANKLIN DR.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78367\CADD\Drawings\78367-sht-j-xsections.dgn		DRAWN	REVISED -						873	D9 TRAFFIC SIGNAL 2014-1	FRANKLIN	104	102
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78367				
Default	PLOT DATE = 10/28/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE:				SHEET	OF	SHEETS	STA. +22.36	TO STA. +22.36	

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		
NO. _____			

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

