

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	1
ILLINOIS			CONTRACT NO. 62278	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

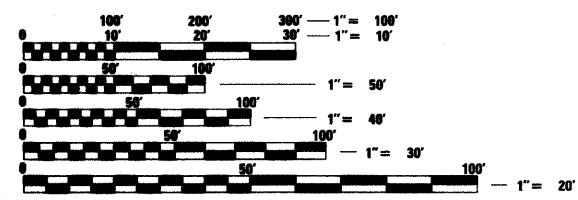
FAP ROUTE 307 (IL 64)
SECTION 126N-1
AT IL 47
INTERSECTION IMPROVEMENTS

KANE COUNTY
C-91-326-01

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA
IL 64
EXISTING ADT = 5700 - 6200 (2009)
SPEED LIMIT = 45 MPH
IL 47
EXISTING ADT = 5600 - 7300 (2009)
SPEED LIMIT = 40 MPH

THE PROJECT IS LOCATED WITHIN THE VILLAGE OF LILY LAKE

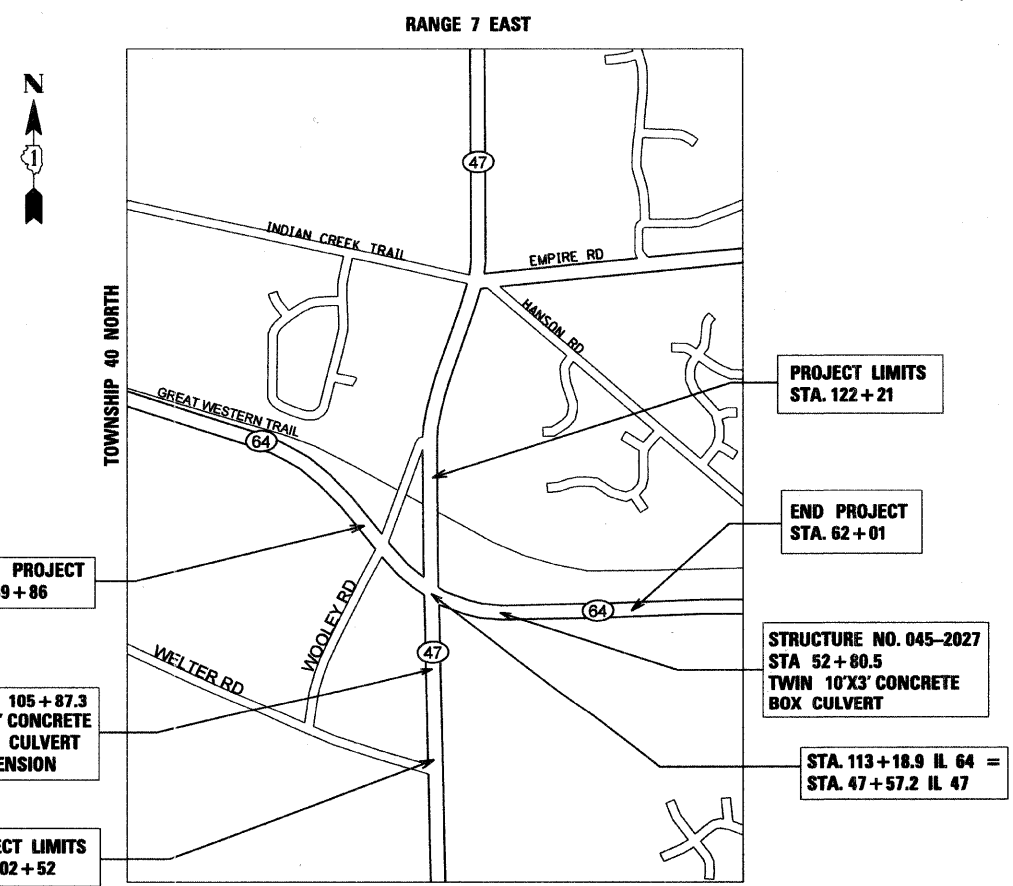


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-882-0123
OR 811

PROJECT ENGINEER: PETER JOHNSTON (GRAEF) 773-399-0112
PROJECT MANAGER: KEN ENG (IDOT) 847-705-4247

CONTRACT NO. 62278



CAMPTON TOWNSHIP
GROSS & NET LENGTH OF (IL 64) = 2,224 FEET (0.42 MILES)
GROSS & NET LENGTH OF (IL 47) = 1,969 FEET (0.37 MILES)
GROSS & NET LENGTH OF PROJECT = 4,193 FEET (0.79 MILES)



Peter M. Johnston
8-17-11
DATE
LICENSE EXPIRES 11-30-2011

GRAEF 8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 19, 2011

Diane M. D'Neef or
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 14, 2011
Scott E. Stitt, P.E. or
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2011
Christine M. Reed or
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

HIGHWAY STANDARDS

HIGHWAY STANDARDS

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STD. NO.	TITLE
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-02	CLASS C AND D PATCHES
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-02	GRATING FOR CONCRETE FLARED END SECTION
542546-01	FLUSH INLET BOX FOR MEDIAN
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-03	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE, TYPE A 6" DIAMETER
602411-02	MANHOLE, TYPE A 7" DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER, TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS

STD. NO.	TITLE
606401-01	PAVED DITCH
630001-09	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRIC SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCE
862001-01	UNINTERRUPTED POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
888001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -
\$FILEL*		DRAWN - AR	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 64 AT IL 47 INTERSECTION IMPROVEMENTS
INDEX OF SHEETS AND HIGHWAY STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	2
			CONTRACT NO. 62278	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
5. THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857 AT LEAST (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
6. ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE PROJECT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING AND SHALL MATCH EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS.
6. THE THICKNESS OF HMA 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 HMA IS PLACED.
7. THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
8. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
9. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
10. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
11. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
12. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

~~13. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TOPSOIL FURNISH AND PLACE, 4".~~

14. ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
15. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
16. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE OF THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
17. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
18. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
19. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
20. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
21. A 404 PERMIT APPLICATION HAS BEEN SUBMITTED BY THE DEPARTMENT FOR THE WORK SHOWN IN THE PLANS. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER THE IN STREAM WORK BY THE CONTRACTOR. THEREFORE AFTER AWARD, THE CONTRACTOR WILL NEED TO SUBMIT THE WORK PLAN TO THE CORPS. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE: <http://www.lrc.usace.army.mil/>

COMMITMENTS

1. NO CONSTRUCTION ACTIVITY SHALL BE PERFORMED ON THE SOUTH LEG OF ILLINOIS ROUTE 47 FROM MAY 1 TO JUNE 30. ONLY WORK ON THE EAST AND WEST LEGS OF ILLINOIS ROUTE 64 AND THE NORTH LEG OF ILLINOIS ROUTE 47 CAN BE PERFORMED DURING THIS TIME PERIOD
2. THE MARSH ON THE WEST SIDE OF ILLINOIS ROUTE 47 IS AN INAI PROTECTED SITE. AND AS SUCH, IT IS TO BE PROTECTED FROM SEDIMENTATION. PERIMETER EROSION BARRIER, SUPPLEMENTED BY TEMPORARY FENCE SHALL BE ERECTED AS SOON AS CONDITIONS PERMIT. THE BARRIER AND FENCE WILL BE SUPPLEMENTED BY "NO INTRUSION" SIGNS SUPPLIED BY THE DEPARTMENT AND ERECTED ON POSTS SUPPLIED AND INSTALLED BY THE CONTRACTOR. THE COST OF THE POSTS, INSTALLATION, MAINTENANCE, AND REMOVAL WILL BE INCLUDED IN THE COST OF THE PERIMETER EROSION BARRIER.
3. THE PROPOSED SLOPE INTERCEPT ADJACENT TO THE INAI PROTECTED SITE WOULD NOT EXTEND BEYOND THE EXISTING SLOPE INTERCEPT.

FILE NAME =	USER NAME = JUSERL	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS GENERAL NOTES & COMMITMENTS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN - AR	REVISED -		307	126N-1	KANE	156	3				
PLOT SCALE = 50,0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278								
PLOT DATE = 9/13/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.						

SUMMARY OF QUANTITIES					100% STATE		0700L		07POL	
CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	STRUCTURES	80% STATE 20% LILY LAKE SIDEWALK	100% ELBURN & COUNTRYSIDE FPD		
			<i>URBAN</i>	0004	0021	<i>0008</i>	0021	0021		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	58	58						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	60	60						
20100500	TREE REMOVAL, ACRES	ACRE	0.8	0.8						
20101000	TEMPORARY FENCE	FOOT	2,160	2,160						
20101100	TREE TRUNK PROTECTION	EACH	2	2						
20101200	TREE ROOT PRUNING	EACH	2	2						
20200100	EARTH EXCAVATION	CU YD	8,338	8,338						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	29,182	29,182						
20400800	FURNISHED EXCAVATION	CU YD	16,003	16,003						
20700110	POROUS GRANULAR EMBANKMENT	CU YD	22,596	22,596						
20800150	TRENCH BACKFILL	CU YD	738	738						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,428	1,428						
21101615	TOPSOIL FURNISH AND PLACE, 4 INCH	SQ YD	7,703	7,703						
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	<i>7,362</i>	<i>7,362</i>						
25000210	SEEDING, CLASS 2A	ACRE	1.3	1.3						
25000310	SEEDING, CLASS 4	ACRE	<i>1.5</i>	<i>1.5</i>						
25000320	SEEDING, CLASS 5	ACRE	0.5	0.5						
25003310	INTERSEEDING, CLASS 4	ACRE	0.6	0.6						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	<i>272</i>	<i>272</i>						
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	<i>272</i>	<i>272</i>						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	<i>272</i>	<i>272</i>						
25100115	MULCH, METHOD 2	ACRE	0.7	0.7						
25100630	EROSION CONTROL BLANKET	SQ YD	6,069	6,069						
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	<i>4,016</i>	<i>4,016</i>						
25100900	TURF REINFORCEMENT MAT	SQ YD	116	116						
25200110	SODDING, SALT TOLERANT	SQ YD	1,463	1,463						
25200200	SUPPLEMENTAL WATERING	UNIT	23	23						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,800	1,800						
28000305	TEMPORARY DITCH CHECKS	FOOT	310	310						
28000510	INLET FILTERS	EACH	61	61						
28000400	PERIMETER EROSION BARRIER	FOOT	6,016	6,016						
28100107	STONE RIPRAP, CLASS A4	SQ YD	155	155						
28200200	FILTER FABRIC	SQ YD	155	155						
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	155	155						
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	21,126	21,126						
35300410	PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"	SQ YD	428	428						
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	30	30						
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	880	880						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2	2						
40600300	AGGREGATE (PRIME COAT)	TON	9	9						
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	233	233						
40600895	CONSTRUCTING TEST STRIP	EACH	2	2						

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES					100% STATE			07COL		07POL	
CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	STRUCTURES	80% STATE 20% LILY LAKE SIDEWALK	100% ELBURN & COUNTRYSIDE FPD			
			URBAN	0004	0021	0008	0021	0021			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	243	243							
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	450	450							
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	230	230							
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	232	232							
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	18,253	18,253							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,337				10,337				
42400800	DETECTABLE WARNINGS	SQ FT	96				96				
44000100	PAVEMENT REMOVAL	SQ YD	15,094	15,094							
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,882	1,882							
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	527	527							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,308	3,308							
44003100	MEDIAN REMOVAL	SQ FT	1,116	1,116							
44004250	PAVED SHOULDER REMOVAL	SQ YD	4,724	4,724							
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	22	22							
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	38	38							
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	1,808	1,808							
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	472	472							
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	309	309							
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,475	1,475							
48301000	PROTECTIVE COAT	SQ YD	22,000	22,000							
50102400	CONCRETE REMOVAL	CU YD	0.8			0.8					
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4							
50800105	REINFORCEMENT BARS	POUND	29,620			29,620					
51500100	NAME PLATES	EACH	1			1					
54002020	EXPANSION BOLTS 3/4 INCH	EACH	32			32					
54003000	CONCRETE BOX CULVERTS	CU YD	137.1			137.1					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3							
54214743	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND - SIZE 48"	EACH	1	1							
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2	2							
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	3	3							
54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND - SIZE 48"	EACH	1	1							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	367	367							
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	15	15							
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	44	44							
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	7	7							
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	36	36							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	478	478							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	328	328							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	689	689							
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	521	521							

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES					100% STATE			07COL	07POL
CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	STRUCTURES	80% STATE 20% LILY LAKE SIDEWALK	100% ELBURN & COUNTRYSIDE FPD	
			<i>URBAN</i>	0004	0021	0008	0021	0021	
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	115	115					
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	271	271					
550A4710	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	92	92					
550A5510	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	138	138					
55100300	STORM SEWER REMOVAL 8"	FOOT	94	94					
55100400	STORM SEWER REMOVAL 10"	FOOT	49	49					
55100500	STORM SEWER REMOVAL 12"	FOOT	255	255					
55100700	STORM SEWER REMOVAL 15"	FOOT	784	784					
55101100	STORM SEWER REMOVAL 21"	FOOT	856	856					
55101200	STORM SEWER REMOVAL 24"	FOOT	713	713					
60100060	CONCRETE HEADWALS FOR PIPE DRAINS	EACH	2	2					
60107600	PIPE UNDERDRAINS 4"	FOOT	749	749					
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	20	20					
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3					
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3					
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	13	13					
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2					
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5					
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	5					
60500040	REMOVING MANHOLES	EACH	12	12					
60500050	REMOVING CATCH BASINS	EACH	11	11					
60500060	REMOVING INLETS	EACH	8	8					
60600095	CLASS SI CONCRETE, OUTLET	CU YD	6	6					
60600605	CONCRETE CURB, TYPE B	FOOT	696	696					
60605000	COMBINATION CURB AND GUTTER, TYPE B-6.24	FOOT	7,106	7,106					
60616800	PAVED DITCH, TYPE B-15	FOOT	51	51					
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1,401	1,401					
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	75	75					
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12					
63200310	GUARDRAIL REMOVAL	FOOT	901	901					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12					
67100100	MOBILIZATION	L SUM	1	1					
70106800	CHANGEABLE MESSAGE SIGN	CAL MD	12	12					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,000	1,000					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7,880	7,880					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	68	68					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	14,609	14,609					
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	111	111					

* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = _USER_	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - AR	REVISED -			307	126N-1	KANE	156	6	
	PLOT SCALE = 50,000 ft / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			SCALE:	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES					100% STATE			07COL	07POL
CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	STRUCTURES	80% STATE 20% LILY LAKE SIDEWALK	100% ELBURN & COUNTRYSIDE FPD	
			<i>URBAN</i>	0004	0021	0008	0021	0021	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6,408	6,408					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	316	286	30				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	89	89					
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	664	664					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	237	237					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,070	1,070					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	70	70					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	21	21					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42	42					
* 78008300	<i>POLYUREA</i> PAVEMENT MARKING - LETTERS & SYMBOLS <i>TYPE II</i>	SQ FT	296	296					
* 78008310	<i>POLYUREA</i> PAVEMENT MARKING - LINE 4" <i>TYPE II</i>	FOOT	12,855	12,855					
* 78008330	<i>POLYUREA</i> PAVEMENT MARKING - LINE 8" <i>TYPE II</i>	FOOT	1,977	1,977					
* 78008340	<i>POLYUREA</i> PAVEMENT MARKING - LINE 8" <i>TYPE II</i>	FOOT	1,108	1,108					
* 78008350	<i>POLYUREA</i> PAVEMENT MARKING - LINE 12" <i>TYPE II</i>	FOOT	737	737					
* 78008370	<i>POLYUREA</i> PAVEMENT MARKING - LINE 24" <i>TYPE II</i>	FOOT	160	160					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	178	178					
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	20	20					
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	216	216					
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1				
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	824		824				
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	185		185				
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	49		49				
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	226		226				
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	619		619				
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	361		361				
* 81400100	HANDHOLE	EACH	8		8				
* 81400200	HEAVY-DUTY HANDHOLE	EACH	5		5				
* 81400300	DOUBLE HANDHOLE	EACH	2		2				
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,246		1,246				
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1				
* 86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1		1				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,677		1,677				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,293		2,014			279	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	268		268				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,094		3,094				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,819		2,819				
* 87301800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	320		320				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,702		1,702				
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2		2				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		2				
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2		2				
* 81009300	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	12		12				

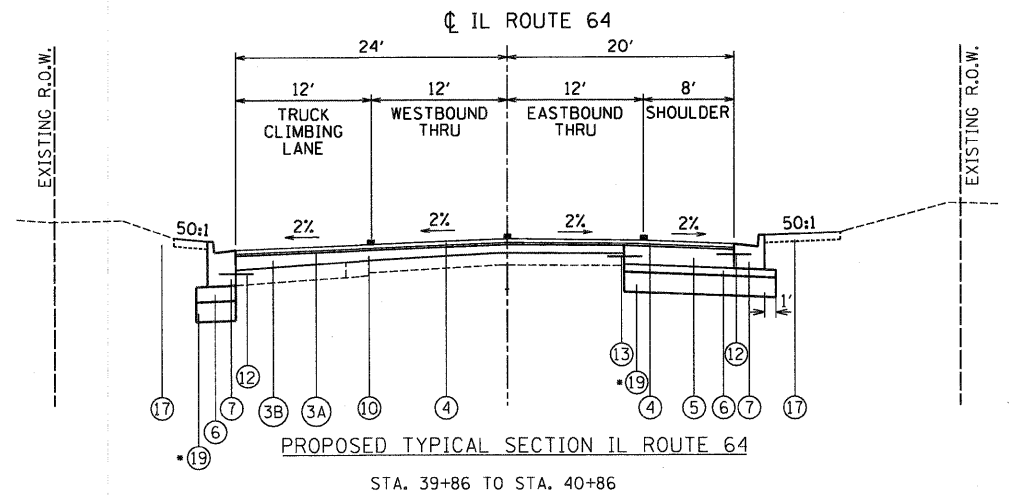
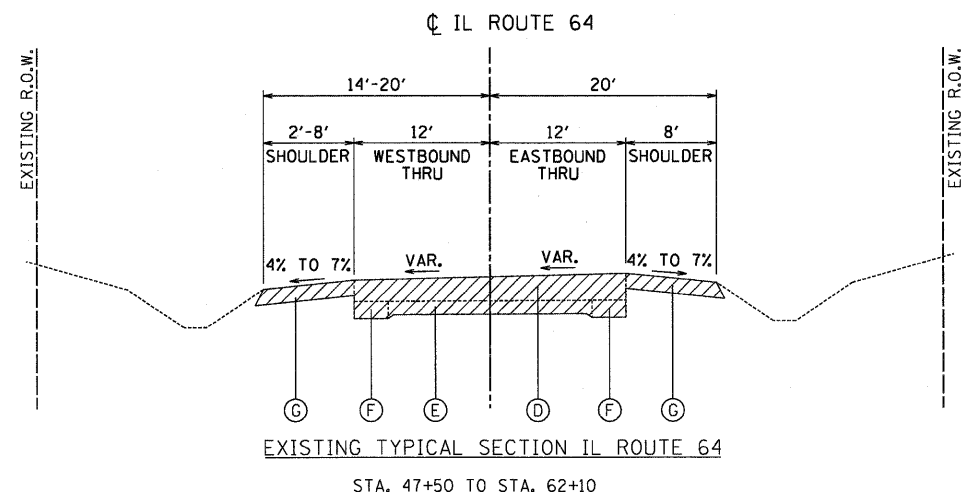
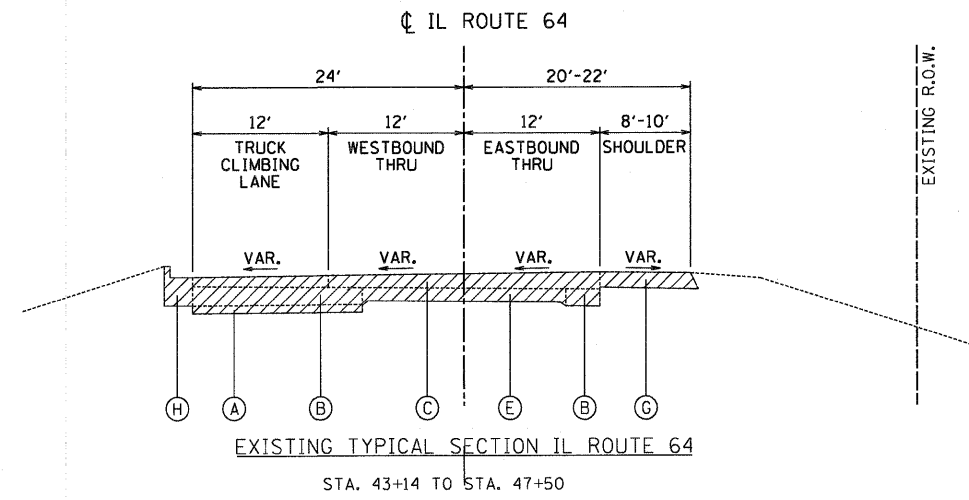
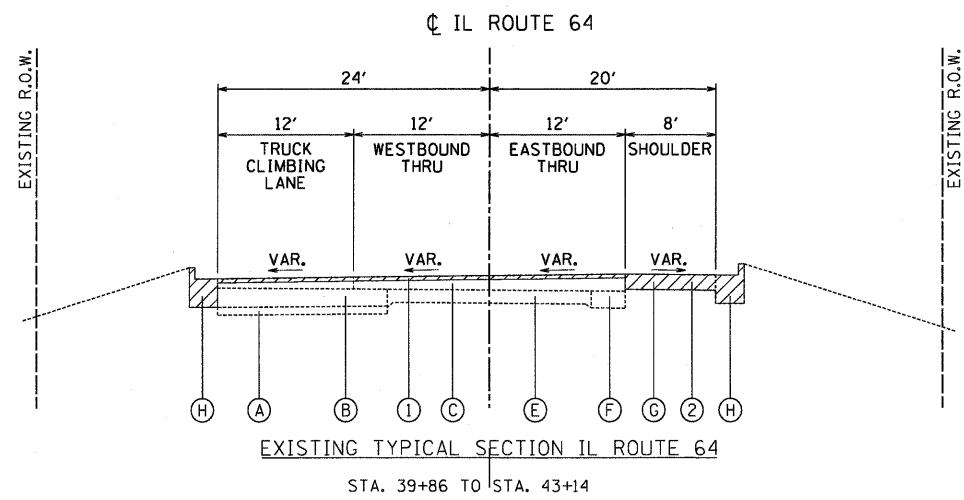
* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = USER	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 7	Rev.	
#FILE#	PLOT SCALE = 50,000 ft / IN.	DRAWN - AR	REVISED -			SCALE:	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 62278		ILLINOIS FED. AID PROJECT
	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -									
		DATE - 09-01-2011	REVISED -									

SUMMARY OF QUANTITIES				100% STATE			07CDL		07POL	
CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	STRUCTURES	80% STATE 20% LILY LAKE SIDEWALK	100% ELBURN & COUNTRYSIDE FPD		
			URBAN	0004	0021	0005	0021	0021		
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1					
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1					
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2		2					
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1					
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24		24					
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4					
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14		14					
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39		39					
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1		1					
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2					
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7		7					
* 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		3					
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1					
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6					
* 88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2					
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8		8					
* 88600700	PREFORMED DETECTOR LOOP	FOOT	740		740					
* 88700200	LIGHT DETECTOR	EACH	2						2	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1						1	
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	12		12					
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	10		10					
88502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1					
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	0.6	0.6						
K1004505	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1						
X0325833	WICK DRAINS	FOOT	30,200	30,200						
X0325834	HORIZONTAL STRIP DRAINS	FOOT	2,450	2,450						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8						
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1						
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	279						279	
Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	21,126	21,126						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103						
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,865	1,865						
Z0062456	TEMPORARY PAVEMENT	SQ YD	2,544	2,544						
Z0064800	SELECTIVE CLEARING	UNIT	25	25						
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	13,286	13,286						
89502400	REMOVE EXISTING FLASHING BEALON INSTALLATION COMPLETE	EACH	1		1					
X8500100	TEMPORARY FLASHING BEALON INSTALLATION	EACH	1		1					

* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 8	Rev.	
*FILEL\$	PLOT SCALE = 50,000 ft / IN.	DRAWN - AR	REVISED -			SCALE:	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 62278		ILLINOIS FED. AID PROJECT
	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -									
		DATE - 09-01-2011	REVISED -									



EXISTING CONDITIONS:

- (A) SUB-BASE GRANULAR MATERIAL 4"
- (B) PCC CONCRETE BASE COURSE 9"
- (C) HMA OVERLAY 4"-9"
- (D) HMA OVERLAY 11"-14"
- (E) PCC PAVEMENT 9-7-9
- (F) HMA BASE COURSE WIDENING 9"
- (G) HMA SHOULDERS 8"
- (H) COMBINATION CURB & GUTTER B-6.24
- ▨ ITEM TO BE REMOVED

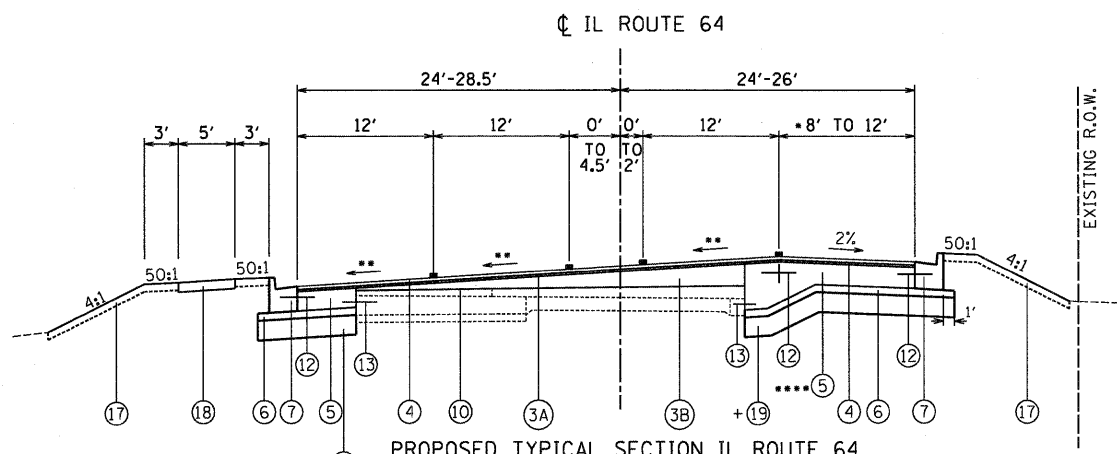
PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) PAVED SHOULDER REMOVAL
- (3A) LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- (3B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (5) P.C.C. BASE COURSE, 9 1/2"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) COMBINATION CURB & GUTTER, TYPE B-6.24
- (8) HOT-MIX ASPHALT SHOULDERS, 8"
- (9) AGGREGATE SHOULDERS, TYPE B 8"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT

- (11) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- (12) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- (13) EPOXY COATED, DEFORMED NO. 8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- (14) JOINTED PCC PAVEMENT, 9 1/2"
- (15) STABILIZED SUBBASE - HMA, 4 1/2"
- (16) AGGREGATE SUBGRADE, 12"
- (17) TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- (18) PCC SIDEWALK, 5"
- (19) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (20) TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

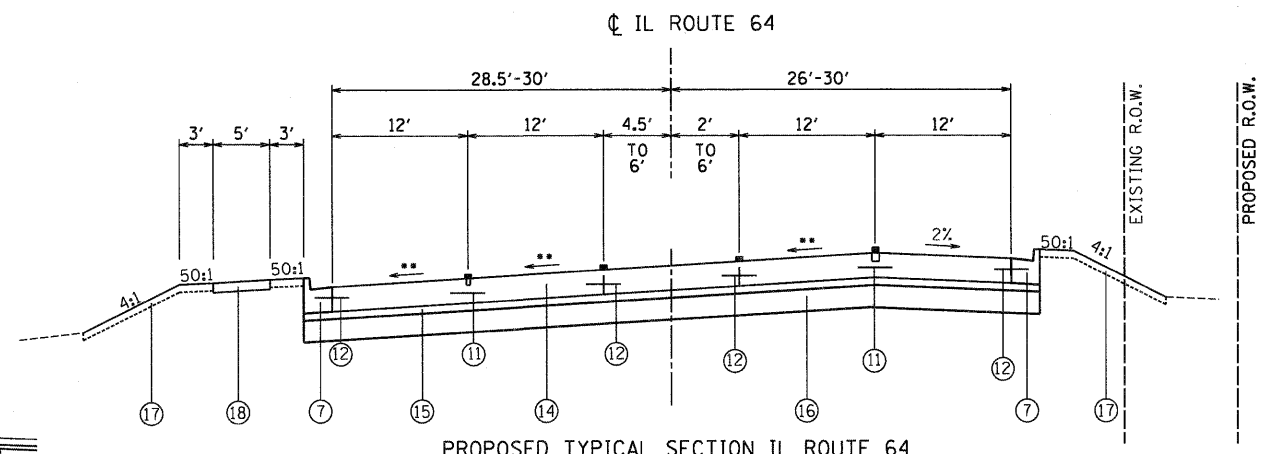
SEE EARTHWORK CALCULATIONS AND CROSS SECTIONS
RECOMMENDED 12" UNDERCUT FOR PAVEMENT WIDENING (P.G.E.S. BACKFILL)
IL 64 STA. 39+86 TO STA. 43+14

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS TYPICAL SECTIONS		F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 9	
#FILE#		DRAWN - AR	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
		CHECKED - RS	REVISED -					CONTRACT NO. 62278				
		DATE - 09-01-2011	REVISED -									



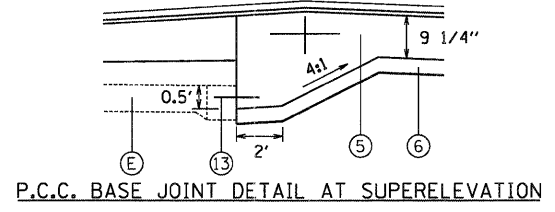
PROPOSED TYPICAL SECTION IL ROUTE 64

STA. 40+86 TO STA. 43+14



PROPOSED TYPICAL SECTION IL ROUTE 64

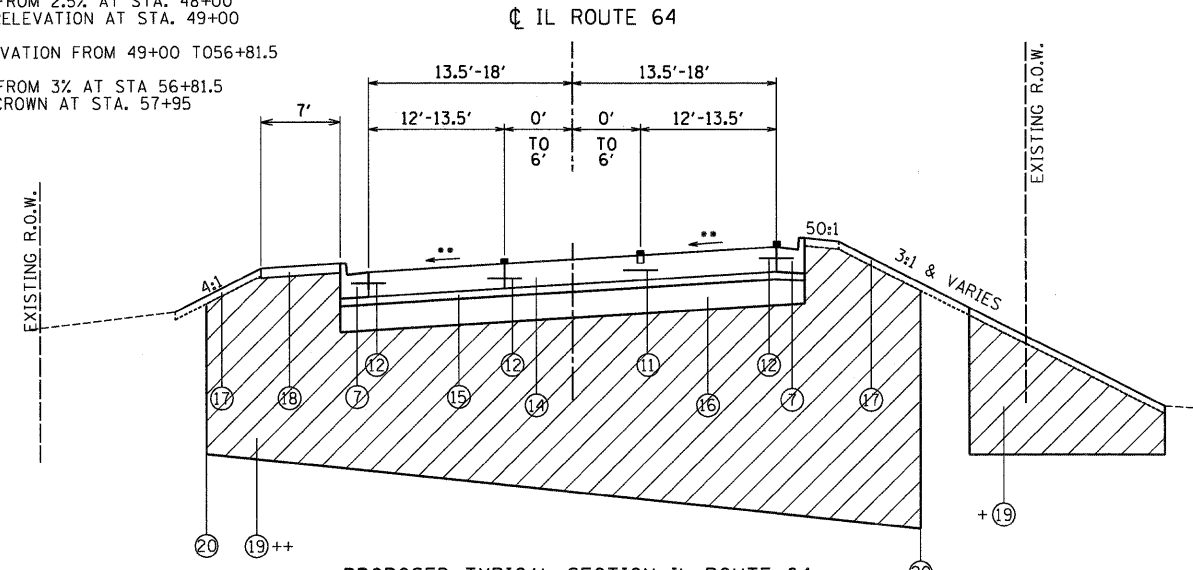
STA. 43+14 TO STA. 47+50



P.C.C. BASE JOINT DETAIL AT SUPERELEVATION

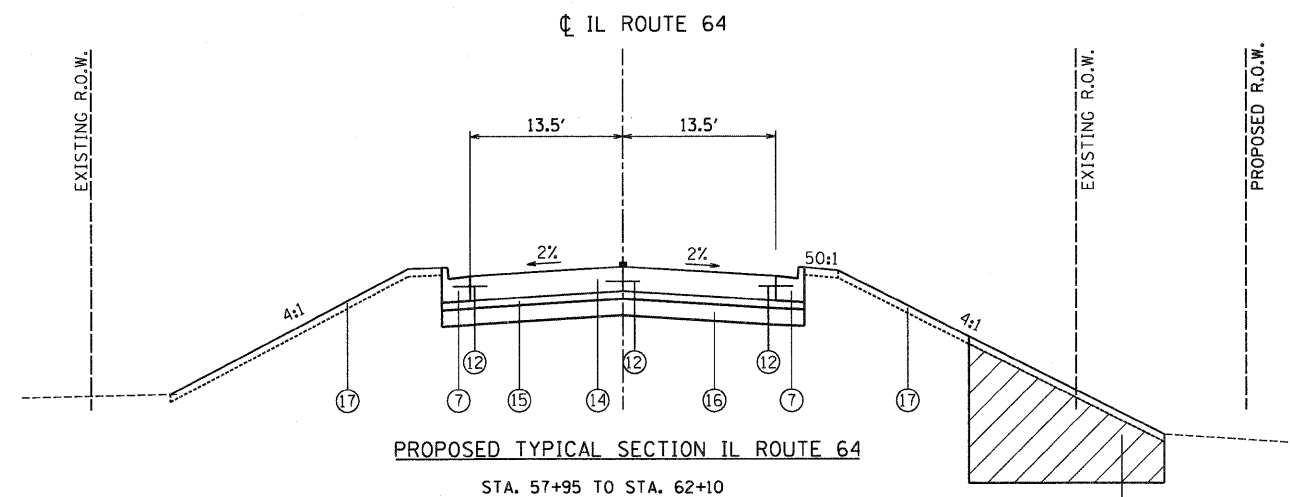
- RIGHT LANE TAPER STARTS AT STA. 42+30 STORAGE BEGINS AT STA. 42+68.5
- SUPERELEVATION NOTES
- TRANSITION FROM NORMAL CROWN AT STA. 40+86 TO 3% SUPERELEVATION AT STA. 42+00
- 3% SUPERELEVATION FROM STA. 42+00 TO STA. 47+00
- TRANSITION FROM 3% AT STA. 46+00 TO 2.5% SUPERELEVATION AT 47+00
- 2.5% SUPERELEVATION FROM STA. 47+00 TO 48+00
- TRANSITION FROM 2.5% AT STA. 48+00 TO 3% SUPERELEVATION AT STA. 49+00
- 3% SUPERELEVATION FROM 49+00 TO 56+81.5
- TRANSITION FROM 3% AT STA 56+81.5 TO NORMAL CROWN AT STA. 57+95

•••• VARIABLE P.C.C. BASE THICKNESS SHALL BE PAID UNDER P.C.C. BASE COURSE, 9 1/2" PAY ITEM



PROPOSED TYPICAL SECTION IL ROUTE 64

STA. 47+50 TO STA. 57+95



PROPOSED TYPICAL SECTION IL ROUTE 64

STA. 57+95 TO STA. 62+10

THE 7' SIDEWALK EXTENDS TO STA. 50+75± REFER TO LEFT SIDE FOR CONTINUATION.

EXISTING CONDITIONS:

- (A) SUB-BASE GRANULAR MATERIAL 4"
- (B) PCC CONCRETE BASE COURSE 9"
- (C) HMA OVERLAY 4"-9"
- (D) HMA OVERLAY 11"-14"
- (E) PCC PAVEMENT 9-7-9
- (F) HMA BASE COURSE WIDENING 9"
- (G) HMA SHOULDERS 8"
- (H) COMBINATION CURB & GUTTER B-6.24

▨ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) PAVED SHOULDER REMOVAL
- (3A) LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- (3B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (5) P.C.C. BASE COURSE, 9 1/2"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) COMBINATION CURB & GUTTER, TYPE B-6.24
- (8) HOT-MIX ASPHALT SHOULDERS, 8"
- (9) AGGREGATE SHOULDERS, TYPE B 8"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT

- (11) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- (12) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- (13) EPOXY COATED, DEFORMED NO.8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- (14) JOINTED PCC PAVEMENT, 9 1/2"
- (15) STABILIZED SUBBASE - HMA, 4 1/2"
- (16) AGGREGATE SUBGRADE, 12"
- (17) TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- (18) PCC SIDEWALK, 5"
- (19) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (20) TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

+ SEE EARTHWORK CALCULATIONS AND CROSS SECTIONS

RECOMMENDED 12" UNDERCUT FOR PAVEMENT WIDENING (P.G.E.S. BACKFILL)
IL 64 STA. 39+86 TO STA. 43+14

RECOMMENDED 24" WORKING PLATFORM UNDERCUT (P.G.E.S. BACKFILL UNDERLAIN WITH GEOTECHNICAL FABRIC)
IL 64 STA. 57+50 TO STA. 60+50 - 30' TO 50' RT

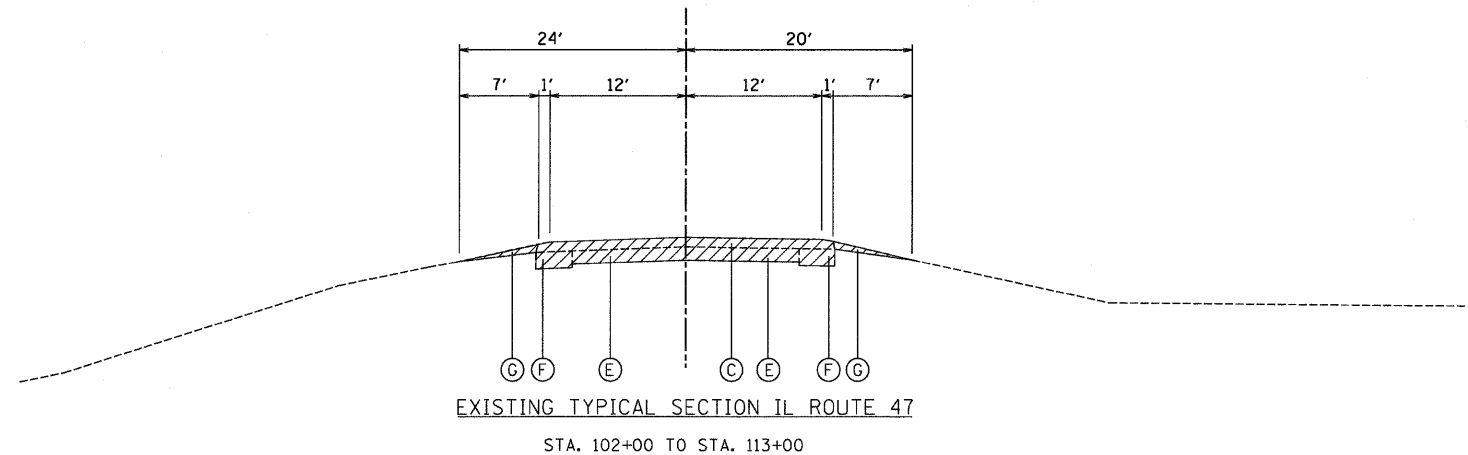
++ SEE TEMPORARY SOIL RETENTION PLANS AND CROSS SECTIONS

RECOMMENDED VARIABLE DEPTH SUBGRADE REMOVAL & REPLACEMENT (P.G.E. BACKFILL)

IL 64 STA. 50+00 TO STA. 51+00
NORTH SIDE - 28' LT - CUT TO ELEV. 872.00
SOUTH SIDE - 35' RT - CUT TO ELEV. 860.00
IL 64 STA. 51+25 TO STA. 52+00
NORTH SIDE - 28' LT - CUT TO ELEV. 867.00
SOUTH SIDE - 35' RT - CUT TO ELEV. 860.00
IL 64 STA. 52+25 TO STA. 52+75
NORTH SIDE - 28' LT - CUT TO ELEV. 867.00
SOUTH SIDE - 35' RT - CUT TO ELEV. 855.00
IL 64 STA. 53+00 TO STA. 53+50
NORTH SIDE - 28' LT - CUT TO ELEV. 869.00
SOUTH SIDE - 35' RT - CUT TO ELEV. 855.00
IL 64 STA. 53+75 TO STA. 54+50
NORTH SIDE - 28' LT - CUT TO ELEV. 869.00
SOUTH SIDE - 35' LT - CUT TO ELEV. 864.00

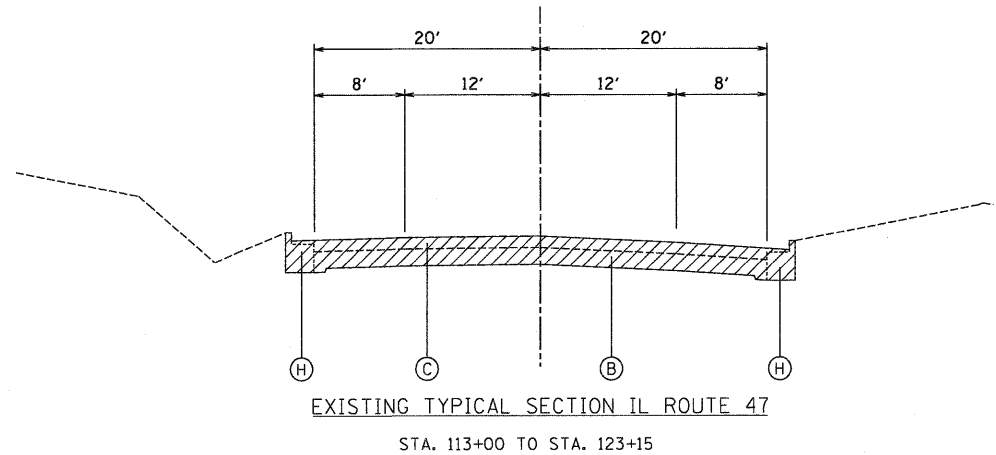
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#FILE#		DRAWN - AR	REVISED -			307	126N-1	KANE	156	10	
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

CL IL ROUTE 47



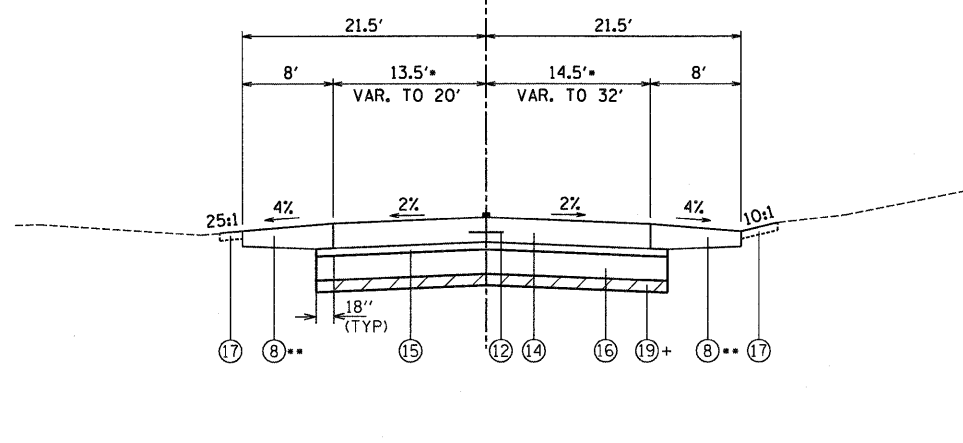
EXISTING TYPICAL SECTION IL ROUTE 47
STA. 102+00 TO STA. 113+00

CL IL ROUTE 47



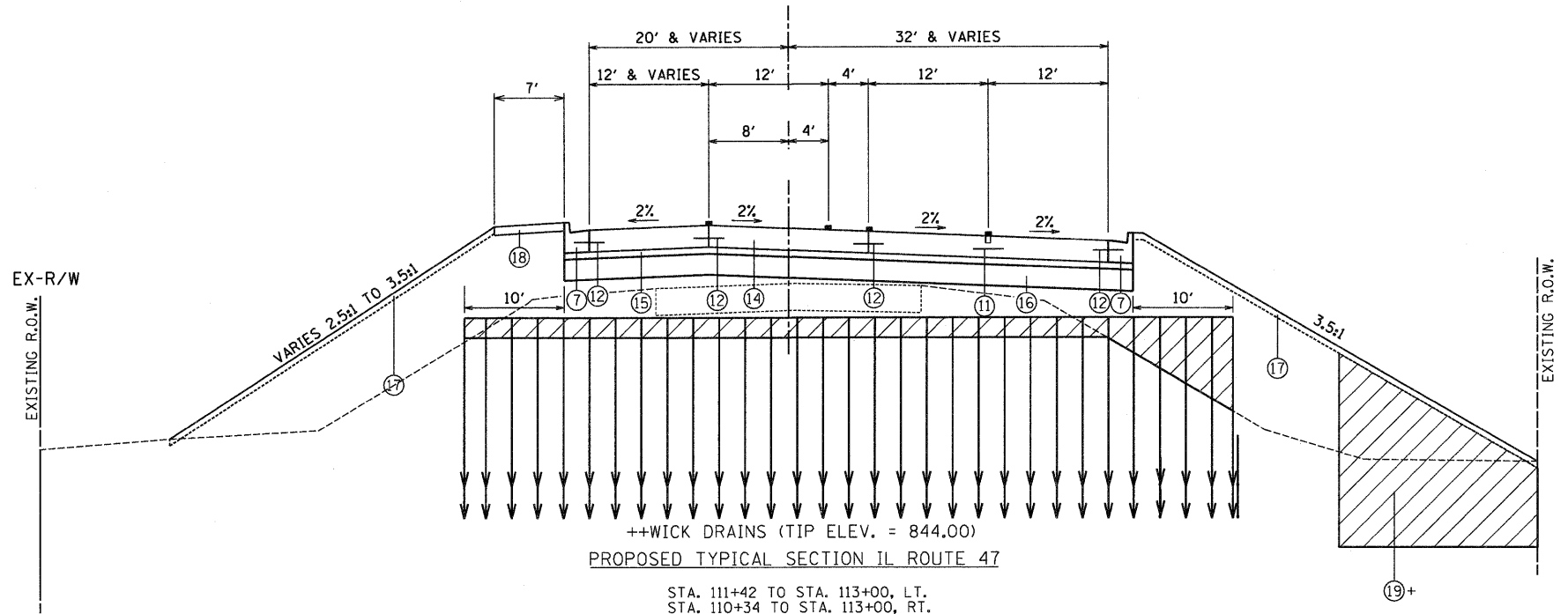
EXISTING TYPICAL SECTION IL ROUTE 47
STA. 113+00 TO STA. 123+15

CL IL ROUTE 47



PROPOSED TYPICAL SECTION IL ROUTE 47
STA. 102+52 TO STA. 111+42, LT
STA. 102+52 TO STA. 110+34, RT
STA. 102+52 TO STA. 106+54
** VARIABLE H.M.A. SHOULDER THICKNESS SHALL BE PAID UNDER H.M.A. SHOULDER, 8" PAY ITEM

CL IL ROUTE 47



PROPOSED TYPICAL SECTION IL ROUTE 47
STA. 111+42 TO STA. 113+00, LT.
STA. 110+34 TO STA. 113+00, RT.

EXISTING CONDITIONS:

- (A) SUB-BASE GRANULAR MATERIAL 4"
- (B) PCC CONCRETE BASE COURSE 9"
- (C) HMA OVERLAY 4"-9"
- (D) HMA OVERLAY 11"-14"
- (E) PCC PAVEMENT 9-7-9
- (F) HMA BASE COURSE WIDENING 9"
- (G) HMA SHOULDERS 8"
- (H) COMBINATION CURB & GUTTER B-6.24
- ▨ ITEM TO BE REMOVED

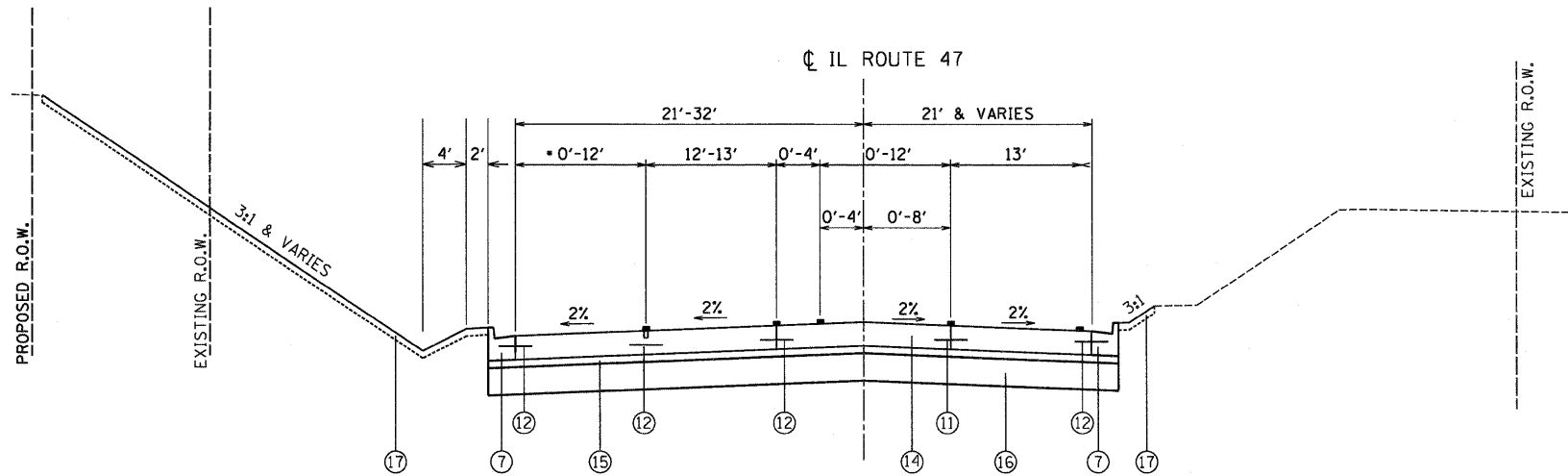
PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) PAVED SHOULDER REMOVAL
- (3A) LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- (3B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (5) P.C.C. BASE COURSE, 9 1/2"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) COMBINATION CURB & GUTTER, TYPE B-6.24
- (8) HOT-MIX ASPHALT SHOULDERS, 8"
- (9) AGGREGATE SHOULDERS, TYPE B 8"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT

- (11) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- (12) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- (13) EPOXY COATED, DEFORMED NO. 8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- (14) JOINTED PCC PAVEMENT, 9 1/2"
- (15) STABILIZED SUBBASE - HMA, 4 1/2"
- (16) AGGREGATE SUBGRADE, 12"
- (17) TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- (18) PCC SIDEWALK, 5"
- (19) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (20) TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

- + RECOMMENDED UNDERCUT LOCATIONS
SEE EARTHWORK CALCULATIONS AND CROSS SECTIONS
- RECOMMENDED 6" ENTIRE PAVEMENT SECTION UNDERCUT (P.G.E.S. BACKFILL)
IL 47 STA. 105+25 TO STA. 106+75
- RECOMMENDED 12" WORKING PLATFORM UNDERCUT (P.G.E.S. BACKFILL UNDERLAIN WITH GEOTECHNICAL FABRIC)
IL 47 STA. 108+50 TO STA. 109+25 - RT
- RECOMMENDED 12" WORKING PLATFORM UNDERCUT (P.G.E.S. BACKFILL UNDERLAIN WITH GEOTECHNICAL FABRIC)
IL 47 STA. 109+75 TO STA. 111+00 - RT & LT
- ++ WICK DRAINS
SEE UTILITY PLANS, CROSS SECTIONS AND DETAILS
- PROVIDE WICK DRAINS FROM STA. 109+00 TO 111+25
10' LT & 10' RT OF PROPOSED AGGREGATE SUBGRADE
PROVIDE 5' EQUILATERAL TRIANGLE PATTERN (SEE DETAIL)
TIP OF WICK DRAINS TO REACH ELEV. 844.00
PROVIDE 12" P.G.E. DRAINAGE BLANKET PRIOR TO WICK DRAIN INSTALLATION.
PROVIDE 45 DAY SETTLING PERIOD AFTER EMBANKMENT HAS BEEN CONSTRUCTED AND PRIOR TO PAVING.

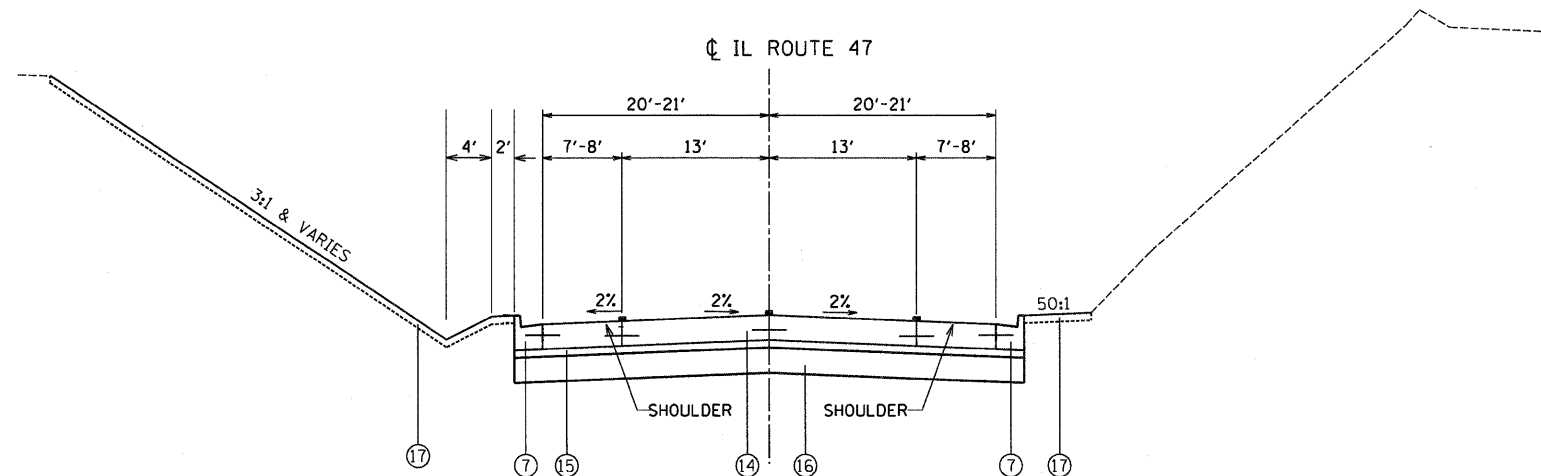
FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL*		DRAWN - AR	REVISED -			307	126N-1	KANE	156	11	
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 3 OF 4 SHEETS		STA.	TO STA.		



PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 113+00 TO STA. 120+05

• RIGHT LANE TAPER
STORAGE ENDS AT STA. 116+50
TAPER ENDS AT STA. 118+80



PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 120+05 TO STA. 123+15

PROPOSED IMPROVEMENTS:

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ② PAVED SHOULDER REMOVAL
- ③A LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- ③B HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑤ P.C.C. BASE COURSE, 9 1/2"
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑦ COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑧ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑨ AGGREGATE SHOULDERS, TYPE B 8"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT

- ⑪ EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- ⑫ EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- ⑬ EPOXY COATED, DEFORMED NO. 8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- ⑭ JOINTED PCC PAVEMENT, 9 1/2"
- ⑮ STABILIZED SUBBASE - HMA, 4 1/2"
- ⑯ AGGREGATE SUBGRADE, 12"
- ⑰ TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- ⑱ PCC SIDEWALK, 5"
- ⑲ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑳ TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

EXISTING CONDITIONS:

- Ⓐ SUB-BASE GRANULAR MATERIAL 4"
- Ⓑ PCC CONCRETE BASE COURSE 9"
- Ⓒ HMA OVERLAY 4"-9"
- Ⓓ HMA OVERLAY 11"-14"
- Ⓔ PCC PAVEMENT 9-7-9
- Ⓕ HMA BASE COURSE WIDENING 9"
- Ⓖ HMA SHOULDERS 8"
- Ⓗ COMBINATION CURB & GUTTER B-6.24
- ▨ ITEM TO BE REMOVED

THE CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY, RESURFACING AND WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm) 1 3/4"	4% @ 90 GYR
LEVELING BINDER (MACHINE METHOD), N70, 3/4" - 2 1/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4" MIN.	4% @ 70 GYR
STABILIZED SUBBASE HOT-MIX ASPHALT (IL-19mm), 4 1/2"	3% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm) 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm) 6" AND 8"	4% @ 50 GYR
SHOULDER	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL 19 mm) 8"	2% @ 30 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL 19mm) 14"	4% @ 70 GYR
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 1 1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER, (IL-19mm), 8 1/2"	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE A IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

EARTHWORK SCHEDULES - STAGE I

IL 47 - NORTH

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
113+62	65.0	16.7	91.5	23.5	36.0	50.7	0.0	0.0
114+00	65.0	16.7	146.5	15.5	36.0	33.3	0.0	0.0
114+50	93.2	0.0	166.0	2.0	0.0	23.4	0.0	0.0
115+00	86.1	2.2	155.6	4.4	25.3	36.4	0.0	0.0
115+50	81.9	2.5	156.5	4.3	14.0	25.5	0.0	0.0
116+00	87.1	2.1	160.3	3.5	13.5	23.1	0.0	0.0
116+50	86.0	1.7	147.4	3.4	11.4	21.5	0.0	0.0
117+00	73.2	2.0	123.2	3.4	11.8	20.0	0.0	0.0
117+50	59.9	1.7	100.6	4.0	9.8	18.4	0.0	0.0
118+00	48.7	2.6	81.7	4.7	10.1	16.1	0.0	0.0
118+50	39.5	2.5	67.5	5.3	7.3	14.1	0.0	0.0
119+00	33.4	3.2	56.2	6.2	7.9	17.4	0.0	0.0
119+50	27.3	3.5	46.5	5.6	10.9	20.3	0.0	0.0
120+00	22.9	2.5	44.1	4.4	11.0	19.0	0.0	0.0
120+50	24.7	2.3	47.7	8.6	9.5	22.4	0.0	0.0
121+00	26.8	7.0	48.9	7.0	14.7	19.6	0.0	0.0
121+50	26.0	0.6	49.4	7.3	6.5	28.1	0.0	0.0
122+00	27.3	7.3	48.5	10.4	23.9	30.4	0.0	0.0
122+50	25.1	3.9	45.5	12.2	8.9	22.6	0.0	0.0
123+00	24.0	9.3	22.2	8.6	15.5	14.4	0.0	0.0
123+25	24.0	9.3	22.2	8.6	15.5	14.4	0.0	0.0
Subtotals			1805.6	144.3		476.6	Subtotals	0.0

IL 64 - SUBGRADE VAR. DEPTH REM. & REPLACE. - STA. 50+00 TO 54+50 - 28' LT TO 35' RT

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E. (SF)	P.G.E. Volume (CY)
49+62.5	0.0	566.7	0.0	699.5
50+00	816.1	1565.9	1007.3	2850.9
50+50	875.2	1511.2	2071.7	2810.8
51+00	756.9	1504.7	964.0	1912.9
51+50	868.2	1585.6	1101.9	2047.8
52+00	844.3	1688.0	1109.7	2212.9
52+50	978.8	1755.0	1280.2	2321.3
53+00	916.7	1701.1	1226.8	2279.9
53+50	920.5	1470.7	1235.5	2010.9
54+00	667.9	1241.8	936.3	1733.8
54+50	673.2	467.5	936.3	650.2
54+88	0.0	0.0	0.0	0.0
Subtotals		15058.1	Subtotals	21530.8

IL 64 - EAST - 24" WORKING PLATFORM UNDERCUT - STA. 57+50 TO 60+50 - 30' TO 50' RT

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. W/ FABRIC (SF)	P.G.E.S. W/ FABRIC Volume (CY)	EMBANKMENT		FABRIC	
					(SF)	(CY)	WIDTH	AREA
57+50	60.7	133.6	32.7	63.1	28.0	70.5	13	85.3
58+00	83.7	133.5	35.5	60.3	48.2	73.2	17.7	89.7
58+50	60.6	116.6	29.7	55.2	30.9	61.3	14.6	81.9
59+00	65.4	160.2	30.0	59.6	35.4	100.6	14.9	89.2
59+50	107.7	208.5	34.4	67.0	73.3	141.5	17.2	100.6
60+00	117.5	181.9	38.0	61.6	79.5	120.4	19	92.5
60+50	79.0	28.5	28.5	0.0	50.5	14.3		
Subtotals		934.3	Subtotals	366.8		567.5		539.2

IL 64 - EAST

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
47+27	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0
47+50	20.1	0.0	21.5	20.0	0.0	21.5	0.0	0.0
48+00	3.1	21.6	2.9	64.3	23.2	51.8	0.0	0.0
48+50	0.0	47.8	3.1	159.3	32.7	79.3	0.0	0.0
49+00	3.4	124.2	4.0	248.6	52.9	121.8	0.0	0.0
49+50	0.9	144.3	4.0	177.7	78.6	152.9	0.0	0.0
50+00	0.0	47.6	0.0	82.9	86.5	120.7	0.0	0.0
50+50	0.0	41.9	3.8	97.6	43.9	124.0	0.0	0.0
51+00	4.1	63.5	6.3	121.0	90.0	164.8	0.0	0.0
51+50	2.8	67.2	3.3	126.2	88.0	165.9	0.0	0.0
52+00	0.8	69.1	6.2	132.5	91.2	178.5	0.0	0.0
52+50	5.9	74.0	5.5	127.3	101.6	184.9	0.0	0.0
53+00	0.0	63.5	0.0	110.6	98.1	172.8	0.0	0.0
53+50	0.0	55.9	0.0	176.9	88.5	129.3	0.0	0.0
54+00	0.0	135.2	0.0	146.7	51.1	116.3	0.0	0.0
54+50	0.0	23.2	0.0	357.8	74.5	145.9	0.0	0.0
55+00	0.0	363.2	0.0	568.2	83.1	130.6	0.0	0.0
55+50	0.0	250.5	0.0	451.7	57.9	112.0	0.0	0.0
56+00	0.0	237.3	0.0	439.2	63.1	130.1	0.0	0.0
56+50	0.0	237.0	0.0	443.8	77.4	144.3	0.0	0.0
57+00	0.0	242.3	0.0	415.6	78.4	145.8	0.0	0.0
57+50	0.0	206.5	0.0	388.1	79.1	152.7	0.0	2.8
58+00	0.0	212.7	0.0	378.6	85.8	154.4	3.0	2.8
58+50	0.0	196.2	1.5	314.1	81.0	155.2	0.0	0.0
59+00	1.6	143.0	16.9	249.2	86.6	144.4	0.0	0.0
59+50	16.6	126.1	36.7	242.7	69.3	136.5	0.0	0.0
60+00	23.0	136.0	36.7	223.3	78.1	129.0	0.0	0.0
60+50	16.6	105.2	26.0	164.5	61.2	109.4	0.0	0.0
61+00	11.5	72.5	25.2	131.3	57.0	96.7	0.0	0.0
61+50	15.7	69.3	31.7	146.5	47.4	112.9	0.0	0.0
62+00	18.5	88.9	6.9	32.9	74.5	27.6	0.0	0.0
62+10	18.5	88.9	6.9	32.9	74.5	27.6	0.0	0.0
Subtotals			247.4	6738.9	Subtotals	3811.8	Subtotals	5.6

EARTHWORK SUMMARY STAGE I

EARTH EXCAVATION (CU YD)	2,053
BENCHING EXCAVATION (CU YD)	6
SUITABLE SEWER EXCAVATION (CU YD)	500
EMBANKMENT (CU YD)	7,451
FURNISHED EXCAVATION (CU YD)	7,096

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	15,992
POROUS GRANULAR EMBANKMENT (CU YD)	21,531
POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)	367
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	539

NOTE: FURNISHED EXCAVATION QUANTITY WAS DETERMINED USING A SHRINKAGE FACTOR OF 15% FOR SUITABLE EXCAVATION

THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES TOPSOIL EXCAVATION AND UNSUITABLE EXCAVATION. TOPSOIL REMOVAL QUANTITY IS BASED UPON AN AVERAGE 18 INCH THICKNESS.

EARTHWORK SCHEDULES - STAGE II

IL 47 - SOUTH

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
102+52	23.2	12.9	41.2	22.9	27.7	49.2	0.0	0.0
103+00	23.2	12.9	42.8	37.1	27.7	88.1	0.0	0.0
103+50	23.0	27.2	39.6	42.8	67.5	97.1	0.0	0.0
104+00	19.8	19.0	29.8	35.5	37.4	64.4	0.0	0.0
104+50	12.4	19.3	18.6	45.9	32.2	63.4	0.0	0.0
105+00	7.7	30.3	9.3	75.6	36.3	72.4	0.0	0.0
105+50	2.3	51.3	2.1	216.6	41.9	103.9	0.0	3.2
106+00	0.0	182.6	0.0	288.1	70.3	138.9	3.5	40.1
106+50	0.0	128.5	0.0	359.3	79.7	177.2	39.8	65.6
107+00	0.0	259.5	0.0	506.2	111.7	220.5	31.0	56.0
107+50	0.0	287.2	0.0	604.5	126.4	249.8	29.5	63.1
108+00	0.0	365.7	0.0	682.2	143.4	278.4	38.6	76.3
108+50	0.0	349.5	35.9	598.5	157.3	304.3	43.8	78.9
109+00	38.8	296.9	77.1	791.2	171.3	328.3	41.4	73.6
109+50	44.5	557.6	82.8	856.9	183.3	353.7	38.1	66.1
110+00	44.9	367.8	83.9	631.8	198.7	365.2	33.3	59.0
110+50	45.7	314.5	89.2	573.6	195.7	364.8	30.4	61.2
111+00	50.6	305.0	46.9	759.0	198.3	411.2	35.7	33.1
111+50	0.0	514.7	0.0	827.7	245.8	405.0	0.0	0.0
112+00	0.0	379.2	0.0	540.4	191.6	231.0	0.0	0.0
112+50	0.0	204.4	0.0	287.7	57.9	81.5	0.0	0.0
112+88	0.0	204.4	0.0	287.7	57.9	81.5	0.0	0.0
Subtotals			599.2	8763.3	Subtotals	4448.5	Subtotals	676.1

IL 47 - SOUTH - 6" SUBGRADE UNDERCUT - STA. 105+25 TO 106+75 - PAVEMENT WIDTH

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. (SF)	P.G.E.S. Volume (CY)
105+25	15.6	14.4	17.9	16.6
105+50	15.6	30.3	17.9	48.7
106+00	17.1	32.0	34.7	69.5
106+50	17.5	16.2	40.4	37.4
106+75	17.5	16.2	40.4	37.4
Subtotals		93.0	Subtotals	172.2

IL 47 - SOUTH - 12" P.G.E. BLANKET FOR WICK DRAINS STA. 109+00 TO 111+25 - 10' RT & LT OF AGG. SUBGRADE

Station	P.G.E. (SF)	P.G.E. Volume (CY)
109+00	99.1	197.1
109+50	113.8	210.8
110+00	113.9	245.6
110+50	151.4	276.1
111+00	146.8	135.9
111+25	146.8	135.9
Subtotals		1065.6

IL 47 - SOUTH - 12" WORKING PLATFORM UNDERCUT - STA. 108+50 TO 109+25 - RT

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. W/ FABRIC (SF)	P.G.E.S. W/ FABRIC Volume (CY)	FABRIC	
					WIDTH	AREA
108+50	28.8	62.9	139.4	329.2	28.3	185.3
109+00	39.1	38.2	216.2	200.2	38.4	106.7
109+25	39.1	38.2	216.2	200.2	38.4	106.7
Subtotals		99.1	Subtotals	529.4		292

IL 47 - SOUTH - 12" WORKING PLATFORM UNDERCUT - STA. 109+75 TO 111+00 - RT & LT

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. W/ FABRIC (SF)	P.G.E.S. W/ FABRIC Volume (CY)	FABRIC	
					WIDTH	AREA
109+75	44.5	41.2	110.8	102.6	43.1	119.7
110+00	44.5	80.8	110.8	201.7	43.1	236.9
110+50	42.8	83.3	107.0	205.1	42.2	240.6
111+00	47.2	114.5	114.5	114.5	44.4	197.2
Subtotals		205.3	Subtotals	509.3		597.2

IL 64-WEST

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
39+86	0.0	8.5	0.0	4.4	11.4	5.9	0.0	0.0
40+00	0.0	8.5	0.0	22.6	11.4	27.5	0.0	0.0
40+50	0.0	15.9	0.0	36.7	18.3	38.4	0.0	0.0
41+00	0.0	23.7	0.0	37.9	23.2	43.4	0.0	0.0
41+50	0.0	17.2	0.0	31.0	23.7	40.6	0.0	0.0
42+00	0.0	16.3	0.0	29.0	20.1	18.6	0.0	0.0
42+50	0.0	15.0	0.0	36.2	0.0	28.3	0.0	0.0
43+00	0.0	24.1	4.7	47.2	28.4	51.9	0.0	0.0
43+50	5.1	26.9	13.8	59.1	27.7	57.4	0.0	0.0
44+00	9.8	36.9	27.5	44.3	34.3	31.8	0.0	0.0
44+50	19.9	10.9	37.0	45.1	0.0	35.6	0.0	0.0
45+00	20.1	37.8	41.0	86.5	38.4	82.8	0.0	0.0
45+50	24.2	55.6	51.6	107.1	51.0	72.2	0.0	0.0
46+00	31.5	60.1	46.2	71.0	27.0	25.0	0.0	0.0
46+50	18.4	16.6	23.5	42.4	0.0	0.0	0.0	0.0
47+00	7.0	29.2	51.2	27.0	0.0	0.0	0.0	0.0
47+50	48.3	0.0	16.1	0.0	0.0	0.0	0.0	0.0
47+68	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotals			312.7	727.5	Subtotals	557.4	Subtotals	0.0

IL 64 - WEST - 12" SUBGRADE UNDERCUT - STA. 39+86 TO 43+14 - PAVEMENT WIDENING RT

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. (SF)	P.G.E.S. Volume (CY)
39+86	3.5	1.8	3.7	1.9
40+00	3.5	6.5	3.7	6.9
40+50	3.5	6.5	3.7	6.7
41+00	3.5	11.9	3.5	18.5
41+50	9.4	22.0	16.5	36.5
42+00	14.4	30.1	22.9	44.4
42+50	18.1	29.4	25.0	53.7
43+00	13.7	7.1	33.0	17.1
43+14	13.7	7.1	33.0	17.1
Subtotals		115.4	Subtotals	185.6

EARTHWORK SUMMARY STAGE II

EARTH EXCAVATION (CU YD)	912
BENCHING EXCAVATION (CU YD)	676
SUITABLE SEWER EXCAVATION (CU YD)	40
EMBANKMENT (CU YD)	9,491
FURNISHED EXCAVATION (CU YD)	8,716

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	718
POROUS GRANULAR EMBANKMENT (CU YD)	1,066
POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)	1,397
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	1,428

NOTE: FURNISHED EXCAVATION QUANTITY WAS DETERMINED USING A SHRINKAGE FACTOR OF 15% FOR SUITABLE EXCAVATION

THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES TOPSOIL EXCAVATION AND UNSUITABLE EXCAVATION. TOPSOIL REMOVAL QUANTITY IS BASED UPON AN AVERAGE 18 INCH THICKNESS.

EARTHWORK SCHEDULES - STAGE III

IL 47 - NORTH

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
113+62	0.0	0.0	88.2	0.0	0.0	0.0	0.0	0.0
114+00	125.4	0.0	224.6	0.0	0.0	14.8	0.0	0.0
114+50	117.2	0.0	273.0	2.2	16.0	97.5	0.0	0.0
115+00	177.6	2.4	386.7	3.4	89.3	171.6	0.0	0.0
115+50	240.0	1.3	448.9	2.6	96.0	178.9	0.0	0.0
116+00	244.8	1.5	455.1	2.7	97.2	181.2	0.0	0.0
116+50	246.7	1.4	447.2	2.5	98.5	185.6	0.0	0.0
117+00	236.3	1.3	418.9	2.6	102.0	191.9	0.0	0.0
117+50	216.1	1.5	372.9	6.3	105.3	190.8	0.0	0.0
118+00	186.6	5.3	292.1	11.3	100.8	181.8	0.0	0.0
118+50	128.9	6.9	199.9	22.6	95.5	175.3	0.0	0.0
119+00	87.0	17.5	148.4	31.7	93.8	170.0	0.0	0.0
119+50	73.3	16.7	113.1	31.8	89.8	166.2	0.0	0.0
120+00	48.8	17.6	72.2	45.2	89.7	157.4	0.0	0.0
120+50	29.2	31.2	53.6	30.6	80.3	85.1	0.0	0.0
121+00	28.7	1.9	56.0	3.3	11.6	16.1	0.0	0.0
121+50	31.8	1.7	58.8	6.9	5.8	16.9	0.0	0.0
122+00	31.7	5.7	55.2	14.6	12.5	24.2	0.0	0.0
122+50	27.9	10.1	51.7	18.5	13.6	30.7	0.0	0.0
123+00	27.9	9.9	25.8	9.2	19.6	18.1	0.0	0.0
123+25	27.9	9.9			19.6		0.0	0.0
Subtotals			4242.3	248.0		2254.3	Subtotals	0.0

IL 64 - WEST

Station	Earth Exc Area (SF)	Embankment Area (SF)	Earth Exc Volume (CY)	Embankment Volume (CY)	Topsoil Removal Area (SF)	Topsoil Volume (CY)	Benching Excavation (SF)	Benching Excavation Volume (CY)
39+86	0.0	3.3	0.0	1.7	3.8	2.0	0.0	0.0
40+00	0.0	3.3	0.0	3.1	3.8	3.5	0.0	0.0
40+50	0.0	0.0	0.0	14.5	0.0	24.9	0.0	0.0
41+00	0.0	15.7	0.0	44.1	26.9	50.9	0.0	0.0
41+50	0.0	31.9	0.0	56.4	28.1	55.9	0.0	0.0
42+00	0.0	29.0	0.0	46.7	32.3	55.3	0.0	0.0
42+50	0.0	21.4	0.0	64.5	27.4	57.7	0.0	0.0
43+00	0.0	48.3	0.0	82.2	34.9	62.7	0.0	0.0
43+50	3.8	40.5	3.5	60.9	32.8	59.0	0.0	0.0
44+00	12.2	25.3	33.4	43.5	30.9	61.3	0.0	0.0
44+50	23.9	21.7	51.0	39.8	35.3	73.0	0.0	0.0
45+00	31.2	21.3	67.7	39.1	43.5	89.1	0.0	0.0
45+50	41.9	20.9	78.7	48.0	52.7	112.5	0.0	0.0
46+00	43.1	30.9	79.9	28.6	68.8	109.5	0.0	0.0
46+50	43.2	0.0	79.9	0.0	49.5	45.8	0.0	0.0
47+00	43.1	0.0	39.9	0.0	0.0	0.0	0.0	0.0
47+50	0.0	0.0			0.0		0.0	0.0
Subtotals			448.9	573.1	Subtotals	863.1	Subtotals	0.0

IL 64 - WEST - 12" SUBGRADE UNDERCUT - STA. 39+86 TO 43+14 - PAVEMENT V

Station	Unsuitable Removal Area (SF)	Unsuitable Volume (CY)	P.G.E.S. (SF)	P.G.E.S. Volume (CY)
39+86	3.9		4.0	
		2.0		2.1
40+00	3.9		4.0	
		3.6		3.7
40+50	0.0		0.0	
		8.4		10.7
41+00	9.1		11.6	
		12.1		16.5
41+50	4.0		6.2	
		8.1		15.8
42+00	4.8		10.9	
		10.6		21.4
42+50	6.7		12.2	
		12.0		24.4
43+00	6.3		14.1	
		3.3		7.3
43+14	6.3		14.1	
Subtotals		60.3	Subtotals	101.9

EARTHWORK SUMMARY STAGE III

EARTH EXCAVATION (CU YD)	4,691
BENCHING EXCAVATION (CU YD)	0
SUITABLE SEWER EXCAVATION (CU YD)	100
EMBANKMENT (CU YD)	821
FURNISHED EXCAVATION (CU YD)	0

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	3,177
POROUS GRANULAR EMBANKMENT (CU YD)	0
POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)	102

NOTE: FURNISHED EXCAVATION QUANTITY WAS DETERMINED USING A SHRINKAGE FACTOR OF 15% FOR SUITABLE EXCAVATION

THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES TOPSOIL EXCAVATION AND UNSUITABLE EXCAVATION. TOPSOIL REMOVAL QUANTITY IS BASED UPON AN AVERAGE 18 INCH THICKNESS.

LOCATION		40600982	44000100	44000157	44000400	44003100	44004250	50104400	63200310					
		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"	COMBINATION CURB AND GUTTER REMOVAL (FT)	MEDIAN REMOVAL (SQ YD)	PAVED SHOULDER REMOVAL (SQ YD)	CONCRETE HEADWALL REMOVAL (EACH)	GUARDRAIL REMOVAL (FT)					
STATION	TO	STATION	(SQ YD)	(SQ YD)	LT	RT	LT	RT	LT	RT	LT	RT		
IL 64														
39+86.0		47+00.0	45	1609	1714	862	91	0	0	0	770	1	0	
47+00.0		62+10.0	52	4486	52	539	0	0	0	1067	1159	0	102	
IL 47														
102+52.0		113+00.0	57	3356	58	0	0	0	34	115	104	1	1	
113+00.0		123+15.0	89	3099	58	912	1104	90	0	706	803	0	0	
SUBTOTALS					2,113	1,195	90	34	1,888	2,836	2	2	406	495
TOTALS			243	12,550	1,882	3,308	124		4,724	4			901	

LOCATION		SIGN CODE	SIZE		SIGN	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT	
STA.	LT/RT		WIDTH (IN)	DEPTH (IN)				SINGLE	DOUBLE
				X				(FT)	(FT)
IL 64									
36+85.0	RT	W3-3	36	36	SIGNAL AHEAD	4.5		15	
39+00.0	RT	M2-1	21	15	JUNCTION	2.2		16.3	
	RT	M1-100	36	36	ILLINOIS 47	9			
40+34.0	LT	R1-1	30	30	STOP	5.2		14.5	
41+34.0	RT	R1-1	30	30	STOP	5.2		14.5	
41+70.0	RT	W3-3	36	36	SIGNAL AHEAD	4.5		15	
42+80.0	LT	R2-1	30	36	SPEED LIMIT 45	7.5		15	
42+80.0	RT	R3-50R	30	36	RIGHT ONLY	7.5		15	
43+75.0	RT	D1-2	70	30	ELBURN/HUNTLEY WEST		14.6		29
44+80.0	LT	M3-4	24	12		2		16	
	LT	M1-100	36	36	ILLINOIS 64	9			
46+80.0	RT	M1-100	36	36	ILLINOIS 47	9		16.8	
	RT	M6-4	21	21	LEFT AND RIGHT	3.1			
46+80.0	RT	M1-100	36	36	ILLINOIS 64	9		16.8	
	RT	M6-1	21	21	STRAIGHT	3.1			
48+50.0	LT	M1-100	36	36	ILLINOIS 47	9		16.8	
	LT	M6-4	21	21	LEFT AND RIGHT	3.1			
48+50.0	LT	M1-100	36	36	ILLINOIS 64	9		16.8	
	LT	M6-1	21	21	STRAIGHT	3.1			
49+80.0	RT	M3-2	24	12	EAST	2		16	
	RT	M1-100	36	36	ILLINOIS 64	9			
52+00.0	LT	D1-2	70	30	HUNTLEY/ELBURN		14.6		29
52+00.0	RT	R2-1	30	36	SPEED LIMIT 45	7.5		15	
55+00.0	LT	M2-1	21	15	JUNCTION	2.2		16.3	
	LT	M1-100	36	36	ILLINOIS 47	9			
53+00.0	LT	W3-3	36	36	SIGNAL AHEAD	4.5		15	
53+00.0	RT	D1-2	70	30	ST. CHARLES/XXXX		14.6		29
IL 47									
100+00.0	RT	W3-3	36	36	SIGNAL AHEAD	4.5		15	
102+75.0	LT	R2-1	30	36	SPEED LIMIT 55	7.5		15	
104+00.0	RT	R2-1	30	36	SPEED LIMIT 40	7.5		15	
106+50.0	RT	M2-1	21	15	JUNCTION	2.2		16.3	
	RT	M1-100	36	36	ILLINOIS 64	9			
107+10.0	RT	D1-2	76	30	SYCAMORE/ST. CHARLES		15.8		29
107+65.0	RT	R10-64	42	48	NO ENGINE BRAKING		14		16
109+20.0	RT	R3-50R	30	36	RIGHT ONLY	7.5		15	
109+80.0	LT	R2-1	30	36	SPEED LIMIT 40	7.5		15	
110+60.0	LT	M3-3	24	12	SOUTH	2		16	
	LT	M1-100	36	36	ILLINOIS 47	9			
111+00.0	RT	M1-100	36	36	ILLINOIS 47	9		16.8	
	RT	M6-1	21	21	STRAIGHT	3.1			
111+00.0	RT	M1-100	36	36	ILLINOIS 64	9		16.8	
	RT	M6-4	21	21	LEFT AND RIGHT	3.1			
115+15.0	LT	M1-100	36	36	ILLINOIS 47	9		16.8	
	LT	M6-1	21	21	STRAIGHT	3.1			
115+15.0	LT	M1-100	36	36	ILLINOIS 64	9		16.8	
	LT	M6-4	21	21	LEFT AND RIGHT	3.1			
115+50.0	RT	M3-1	24	12	NORTH	2		16	
	RT	M1-100	36	36	ILLINOIS 47	9			
117+25.0	LT	D1-2	76	30	ST. CHARLES/SYCAMORE		15.8		29
118+40.0	RT	R3-50R	30	36	RIGHT ONLY	7.5		15	
118+60.0	RT	R2-1	30	36	SPEED LIMIT 40	7.5		15	
119+40.0	LT	M2-1	21	15	JUNCTION	2.2		16.3	
	LT	M1-100	36	36	ILLINOIS 64	9			
123+35.0	LT	W3-3	36	36	SIGNAL AHEAD	4.5		15	
TOTALS:					286	89.4		663.6	

STORM STRUCTURE REMOVAL						
STA.	OFFSET (FT)	LT/RT	STRUCTURE TYPE			TOTALS:
			MANHOLE	CATCH BASIN	INLET	
40+37.9	25.2	LT			1	
40+37.5	30.6	LT	1			
42+98.3	25.2	LT			1	
42+98.5	35.4	LT		1		
44+97.2	24.9	LT			1	
44+97.2	48.2	LT		1		
46+59.5	64.6	LT		1		
47+60.5	51.7	LT	1			
47+62.6	69.1	LT	1			
48+14.9	42.8	LT	1			
48+21.5	34.4	LT	1			
48+71.9	15.9	LT			1	
48+99.0	34.5	LT	1			
49+90.0	18.6	LT		1		
49+92.3	32.9	LT	1			
114+44.7	28.7	RT	1			
114+57.5	20.7	LT			1	
114+59.3	28.8	LT		1		
114+81.5	21.7	RT			1	
117+25.9	27.5	RT		1		
117+30.9	20.5	RT		1		
117+31.0	21.0	LT			1	
120+22.3	20.8	RT		1		
120+22.9	27.1	RT	1			
120+99.6	30.4	RT	1			
121+00.8	21.1	LT		1		
121+37.4	31.0	LT	1			
123+06.5	20.6	RT		1		
123+06.8	29.5	LT	1			
123+08.9	21.3	LT		1		
123+09.7	20.7	RT			1	
TOTALS:			12	11	8	

STATION	OFFSET	SIZE-DIA. INCHES	ACTION	20100110	20100210	20100210	20101100	20101200	
				TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES	TREE TRUNK PROTECTION (EACH)	TREE ROOT PRUNING (EACH)	
				UNITS	UNITS	ACRES	EACH	EACH	
IL 47									
103+48.2	LT	40.0	24	PROTECT			1	1	
106+80 TO 108+05	LT	VARIES	VARIES	REMOVE		0.07			
107+15 TO 107+70	RT	VARIES	VARIES	REMOVE		0.15			
114+92.5	RT	39.1	8	REMOVE	8				
114+95.6	RT	36.8	8	REMOVE	8				
115+05.2	RT	56.8	4	PROTECT			1	1	
115+10.1	LT	65.6	8	REMOVE	8				
115+11.6	LT	65.9	8	REMOVE	8				
115+40 TO 12+160	LT	VARIES	VARIES	REMOVE		0.51			
121+85 TO 123+15	LT	VARIES	VARIES	REMOVE		0.02			
IL 64									
44+36.9	RT	39.6	36	REMOVE		36			
48+55.6	LT	34.8	8	REMOVE	8				
49+57.5	LT	25.9	8	REMOVE	8				
49+86.4	RT	31.4	10	REMOVE	10				
60+61.4	RT	39.2	24	REMOVE		24			
TOTALS:					58	60	0.75	2	2

STORM SEWER REMOVAL												
UPSTREAM STRUCTURE			DOWNSTREAM STRUCTURE			PIPE						
LOCATION			LOCATION			SIZE						
STA.	OFFSET (FT)	LT/RT	STA.	OFFSET (FT)	LT/RT	8"	10"	12"	15"	21"	24"	
40+20.5	30.8	LT	40+37.5	30.6	LT				15			
40+37.9	25.2	LT	40+37.5	30.6	LT				2			
40+47.9	25.2	LT	40+37.9	25.2	LT	10						
40+37.5	30.6	LT	42+98.5	35.4	LT				255			
42+98.3	25.2	LT	42+98.5	35.4	LT				6			
43+08.3	25.2	LT	42+98.3	25.2	LT	10						
42+98.5	35.4	LT	44+97.2	48.2	LT				190			
44+97.2	24.9	LT	44+97.2	48.2	LT				19			
45+07.2	24.9	LT	44+97.2	24.9	LT	10						
44+97.2	48.2	LT	46+59.5	64.6	LT				153			
46+59.5	64.6	LT	47+60.5	67.0	LT					93		
47+60.5	67.0	LT	48+21.5	34.4	LT					64		
47+62.6	69.1	LT	48+14.9	42.8	LT					53		
48+14.9	42.8	LT	48+99.0	34.5	LT					79		
48+21.5	34.4	LT	48+99.0	34.5	LT					72		
48+71.9	15.9	LT	48+99.0	34.5	LT			29				
48+99.0	34.5	LT	49+92.3	32.9	LT					87		
49+90.0	18.6	LT	49+92.3	32.9	LT			11				
49+92.3	32.9	LT	50+96.8	24.9	LT					101		
52+79.0												

PLAN	STATION	TO	STATION	31101000	35300410	40603595	40600635	40603085	60605000	48101500	48101600	48203029	44300100	42000411	31200502	Z0001050	40600200	40600300	40600982	44201815	44201819	42400200	60616800
				SUBBASE GRANULAR MATERIAL, TYPE B	PORTLAND CEMENT CONCRETE 9 1/2"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	LEVELING BINDER (MACHINE METHOD) N70, 3/4" - 2 1/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4" MIN.	COMBINATION CURB AND GUTTER, TYPE B-6.24	AGGREGATE SHOULDERS, TYPE B 6"	AGGREGATE SHOULDERS, TYPE B 8"	HOT-MIX ASPHALT SHOULDERS, 8"	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	AGGREGATE SUBGRADE, 12"	BITUMINOUS MATERIALS (PRIME COAT) APPLICATION RATE = .0004 TONS/SY (2 APPLICATIONS)	AGGREGATE (PRIME COAT) APPLICATION RATE = .002 TONS/SY (2 APPLICATIONS)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	CLASS D PATCHES, TYPE II, 14 INCH	CLASS D PATCHES, TYPE III, 14 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PAVED DITCH, TYPE B-15
				TON	SQ YD	TON	TON	TON	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	FOOT
SHEET 1	39+86		45+50	155	428	212	225	450	1,234	0	0	0	1,808	1,534	1,721	1,721	2	9	45	11	38	3,065	0
SHEET 2	45+50		51+00	0	0	0	0	0	682	48	0	0	0	3,073	3,343	3,343	0	0	0	0	0	1,351	0
SHEET 3	51+00		56+50	0	0	0	0	0	1,100	229	0	0	0	1,875	2,313	2,313	0	0	0	0	0	0	0
SHEET 4	56+50		62+10	0	0	5	2	0	1,120	0	0	0	0	1,673	2,118	2,118	0.1	0.2	12	0	0	0	0
SHEET 5	102+52		106+50	0	0	6	2	0	0	0	138	713	0	1,228	1,359	1,359	0.1	0.2	13	0	0	0	0
SHEET 6	106+50		111+50	0	0	0	0	0	148	0	171	762	0	2,273	2,472	2,472	0	0	0	0	0	0	0
SHEET 7	111+50		112+89	0	0	0	0	0	500	0	0	0	0	1272	1550	1550	0	0	0	0	0	2185	0
SHEET 7	113+62		117+50	0	0	0	0	0	957	0	0	0	0	2648	3122	3122	0	0	0	0	0	2505	0
SHEET 8	117+50		123+15	0	0	9	4	0	1190	195	0	0	0	2724	3179	3179	0.1	0.3	20	11	0	0	58
TOTALS				155	428	232	233	450	6,931	472	309	1,475	1,808	18,298	21,177	21,177	2	10	90	22	38	9,106	58

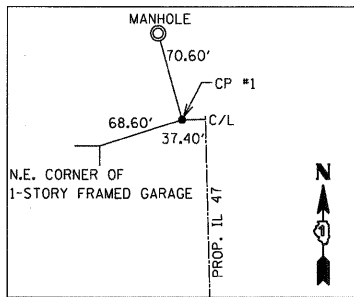
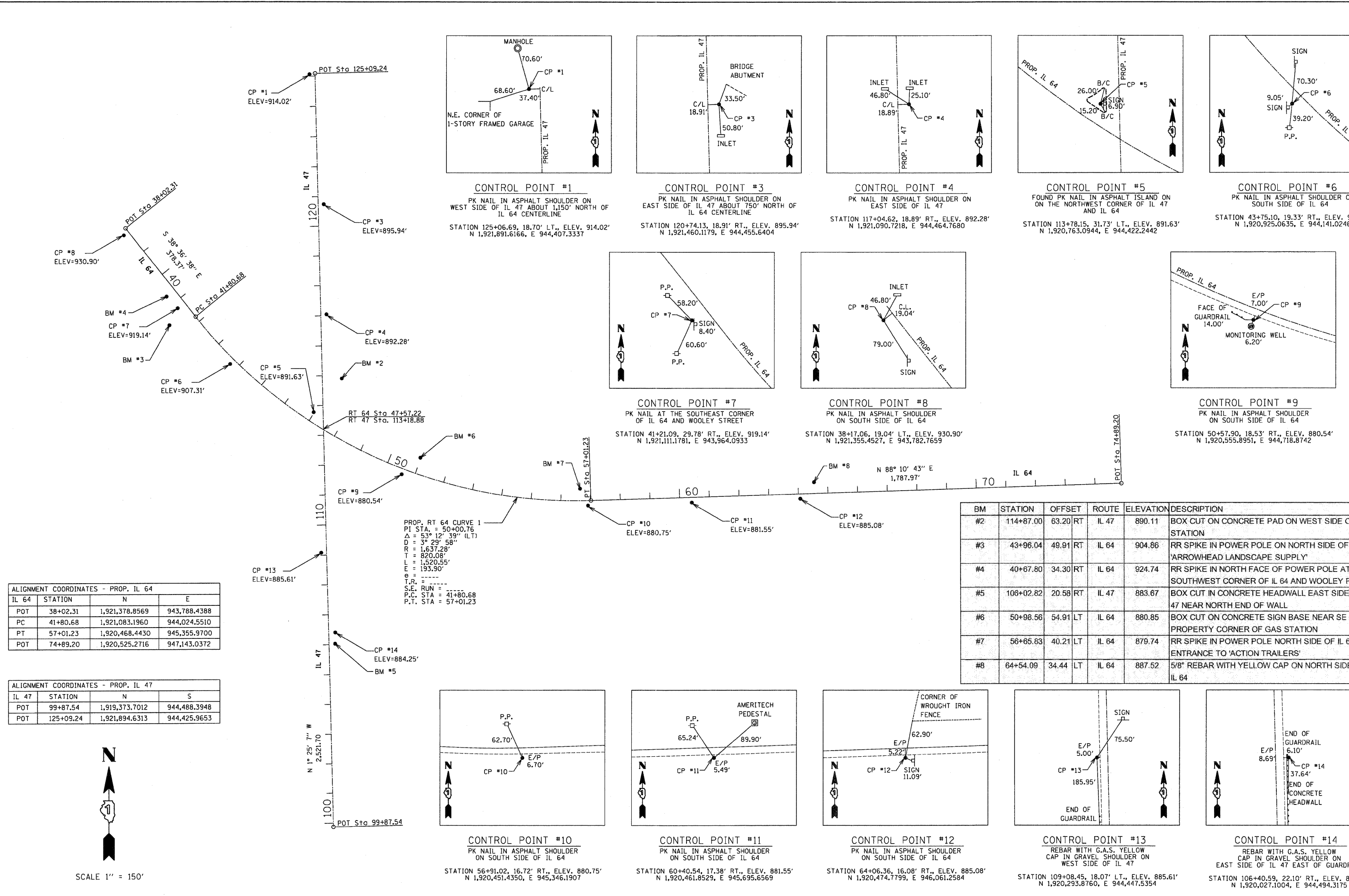
LOCATION			78000100	78000200	78000400	78000600	78000650	78008300	78008310	78008330	78008340	78008350	78008370	78100100
			THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FT)	POLYUREA PAVEMENT MARKING TYPE II - LETTERS AND SYMBOLS (SQ FT)	POLYUREA PAVEMENT MARKING TYPE II - LINE 4" (FT)	POLYUREA PAVEMENT MARKING TYPE II - LINE 6" (FT)	POLYUREA PAVEMENT MARKING TYPE II - LINE 8" (FT)	POLYUREA PAVEMENT MARKING TYPE II - LINE 12" (FT)	POLYUREA PAVEMENT MARKING TYPE II - LINE 24" (FT)	RAISED REFLECTIVE PAVEMENT MARKER (EACH)
STATION	TO	STATION												
IL 64														
39+86.0		47+00.0	37	1070	70	21	42	111	1048	788	74	77	36	57
47+00.0		62+10.0	40	0	0	0	0	37	3628	302	105	131	26	50
IL 47														
102+52.0		113+00.0	80	0	0	0	0	74	4345	429	566	230	48	38
113+00.0		123+15.0	80	0	0	0	0	74	3834	458	363	299	50	33
TOTALS			237	1,070	70	21	42	296	12,855	1,977	1,108	737	160	178

STATION	PROP HMA	COMM ENT	PRIV ENT.	EXIST PAVT TYPE	TYPE							
					35501308	35501316	40201000	40603310	42400200	44000200	60600605	60605000
					HOT-MIX ASPHALT BASE COURSE, 6"	HOT-MIX ASPHALT BASE COURSE, 8"	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DRIVEWAY PAVEMENT REMOVAL	CONCRETE CURB, TYPE B	COMB. CON. CURB AND GUTTER, TYPE B-6.24
					TON	TON	TON	TON	SQ FT	SQ YD	FT	FT
42+45.4	RT	1		STONE	30	0	20	10	0	0	43	0
44+83.0	RT	1	1	STONE	0	60	44	15	0	0	43	0
45+29.6	RT	1	1	STONE	0	145	32	36	234	0	51	44
49+25.8	LT	1	1	HMA	0	65	32	16	291	147	54	49
49+55.2	RT	1	1	STONE	0	44	21	11	0	0	74	0
50+52.4	LT	1	1	HMA	0	66	32	16	0	135	50	0
54+06.6	LT	1	1	STONE	0	159	42	40	0	0	57	0
61+36.0	LT	1	1	STONE	0	42	18	11	0	0	59	0
111+43.0	RT	1	1	STONE	0	119	26	30	0	0	93	0
111+78.5	LT	1	1	STONE	0	124	70	31	132	0	103	76
114+25.0	RT	1	1	HMA	0	57	42	14	574	245	69	66
TOTALS					30	880	377	230	1231	527	696	235

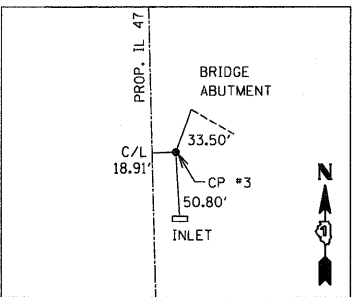
LOCATION			63000001	63000025	63100167	78201000	78200420
			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL MARKERS, TYPE B
STATION	TO	STATION	FOOT	FOOT	EACH	EACH	EACH
IL 64							
39+86.0		47+00.0	0	0	0	0	0
47+00.0		62+10.0	513	50	4	4	8
IL 47							
102+52.0		113+00.0	663	25	4	4	9
113+00.0		123+15.0	225	0	4	4	3
TOTALS			1,401	75	12	12	20

LOCATION			25000400	25000500	25000600	25100630	25100900	25200110	28000305	28000400	28000510	28100107	28200200
			NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHOROUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)	TURF REINFORCEMENT MAT (SQ YD)	SODDING, SALT TOLERANT (SQ YD)	TEMPORARY DITCH CHECKS (FOOT)	PERIMETER EROSION BARRIER (FOOT)	INLET FILTERS (EACH)	STONE RIPRAP, CLASS A4 (SQ YD)	FILTER FABRIC (SQ YD)
STATION	TO	STATION											
IL 64													
39+86.0		47+00.0	40	40	40	1,185	0	1,463	50	1,252	11	0	0
47+00.0		62+10.0	115	115	115	3,628	95	0	150	2,533	19	86	86
IL 47													
102+52.0		113+00.0	46	46	46	1,256	0	0	10	1,960	1	69	69
113+00.0		123+15.0	42	42	42	0	0	0	100	271	30	0	0
TOTALS			244	244	244	6069	95	1463	310	6016	61	155	155

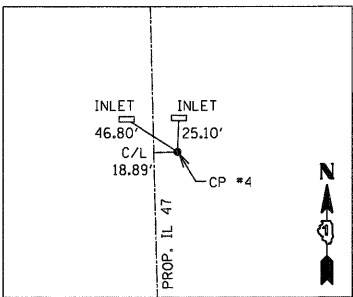
FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS QUANTITY SCHEDULES	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 17		
#FILEL#	10-12-2011	DRAWN - AR	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 62278		
	PLOT SCALE = 50,0000' / IN.	CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -									



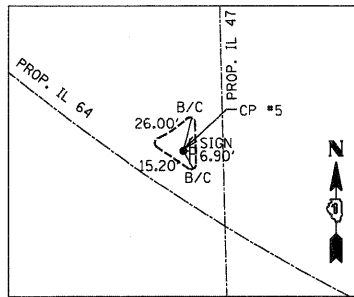
CONTROL POINT #1
PK NAIL IN ASPHALT SHOULDER ON WEST SIDE OF IL 47 ABOUT 1,150' NORTH OF IL 64 CENTERLINE
STATION 125+06.69, 18.70' RT., ELEV. 914.02'
N 1,921,891.6166, E 944,407.3337



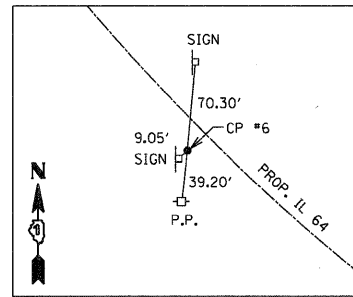
CONTROL POINT #3
PK NAIL IN ASPHALT SHOULDER ON EAST SIDE OF IL 47 ABOUT 750' NORTH OF IL 64 CENTERLINE
STATION 120+74.13, 18.91' RT., ELEV. 895.94'
N 1,921,460.1179, E 944,455.6404



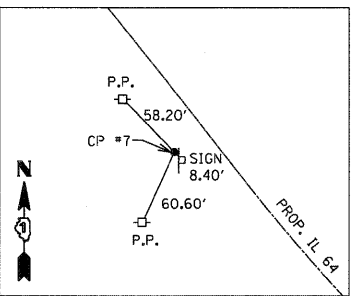
CONTROL POINT #4
PK NAIL IN ASPHALT SHOULDER ON EAST SIDE OF IL 47
STATION 117+04.62, 18.89' RT., ELEV. 892.28'
N 1,921,090.7218, E 944,464.7680



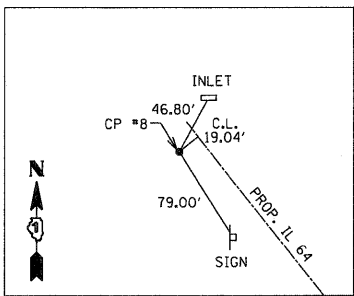
CONTROL POINT #5
FOUND PK NAIL IN ASPHALT ISLAND ON WEST SIDE OF IL 47 ABOUT 1,150' NORTH OF IL 64 CENTERLINE
STATION 113+78.15, 31.73' LT., ELEV. 891.63'
N 1,920,763.0944, E 944,422.2442



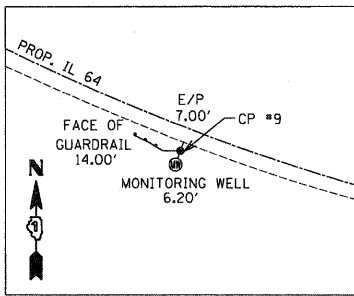
CONTROL POINT #6
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 43+75.10, 19.33' RT., ELEV. 907.31'
N 1,920,925.0635, E 944,141.0246



CONTROL POINT #7
PK NAIL AT THE SOUTHEAST CORNER OF IL 64 AND WOOLEY STREET
STATION 41+21.09, 29.78' RT., ELEV. 919.14'
N 1,921,111.1781, E 943,964.0933



CONTROL POINT #8
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 38+17.06, 19.04' LT., ELEV. 930.90'
N 1,921,355.4527, E 943,782.7659



CONTROL POINT #9
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 50+57.90, 18.53' RT., ELEV. 880.54'
N 1,920,555.8951, E 944,718.8742

PROP. RT 64 CURVE 1
PI STA = 50+00.76
Δ = 53° 12' 39" (LT)
D = 3° 29' 58"
R = 1,637.28'
T = 820.08'
L = 1,520.55'
E = 193.90'
T.R. = ----
S.E. RUN = ----
P.C. STA = 41+80.68
P.T. STA = 57+01.23

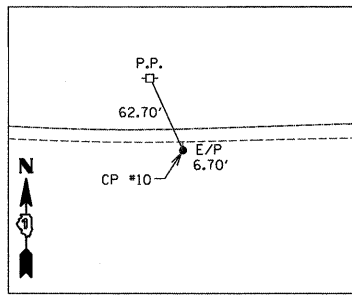
BM	STATION	OFFSET	ROUTE	ELEVATION	DESCRIPTION
#2	114+87.00	63.20 RT	IL 47	890.11	BOX CUT ON CONCRETE PAD ON WEST SIDE OF GAS STATION
#3	43+96.04	49.91 RT	IL 64	904.86	RR SPIKE IN POWER POLE ON NORTH SIDE OF 'ARROWHEAD LANDSCAPE SUPPLY'
#4	40+67.80	34.30 RT	IL 64	924.74	RR SPIKE IN NORTH FACE OF POWER POLE AT THE SOUTHWEST CORNER OF IL 64 AND WOOLEY ROAD
#5	106+02.82	20.58 RT	IL 47	883.87	BOX CUT IN CONCRETE HEADWALL EAST SIDE OF IL 47 NEAR NORTH END OF WALL
#6	50+98.56	54.91 LT	IL 64	880.85	BOX CUT ON CONCRETE SIGN BASE NEAR SE PROPERTY CORNER OF GAS STATION
#7	56+65.83	40.21 LT	IL 64	879.74	RR SPIKE IN POWER POLE NORTH SIDE OF IL 64 NEAR ENTRANCE TO 'ACTION TRAILERS'
#8	64+54.09	34.44 LT	IL 64	887.52	5/8" REBAR WITH YELLOW CAP ON NORTH SIDE OF IL 64

ALIGNMENT COORDINATES - PROP. IL 64

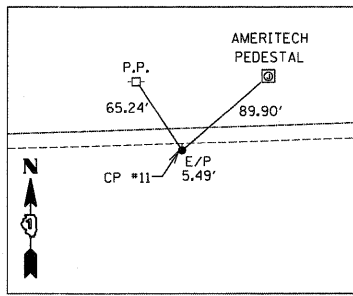
IL 64	STATION	N	E
POT	38+02.31	1,921,378.8569	943,788.4388
PC	41+80.68	1,921,083.1960	944,024.5510
PT	57+01.23	1,920,468.4430	945,355.9700
POT	74+89.20	1,920,525.2716	947,143.0372

ALIGNMENT COORDINATES - PROP. IL 47

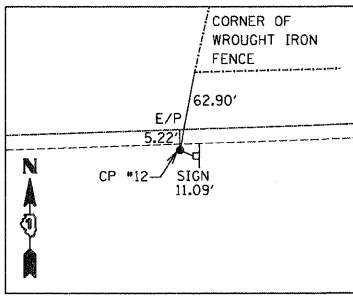
IL 47	STATION	N	S
POT	99+87.54	1,919,373.7012	944,488.3948
POT	125+09.24	1,921,894.6313	944,425.9653



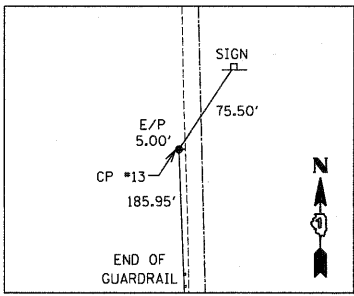
CONTROL POINT #10
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 56+91.02, 16.72' RT., ELEV. 880.75'
N 1,920,451.4350, E 945,346.1907



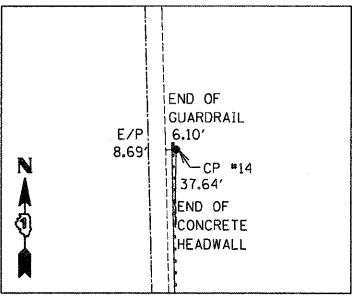
CONTROL POINT #11
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 60+40.54, 17.38' RT., ELEV. 881.55'
N 1,920,461.8529, E 945,695.6569



CONTROL POINT #12
PK NAIL IN ASPHALT SHOULDER ON SOUTH SIDE OF IL 64
STATION 64+06.36, 16.08' RT., ELEV. 885.08'
N 1,920,474.7799, E 946,061.2584



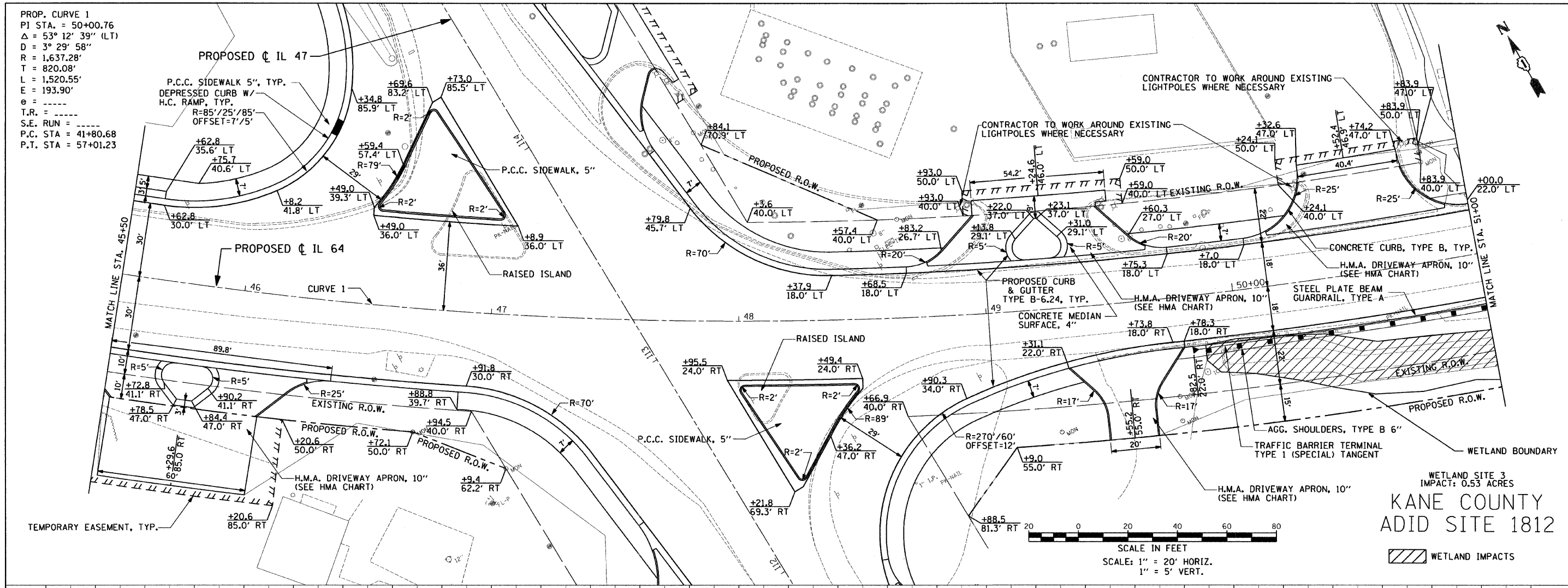
CONTROL POINT #13
REBAR WITH G.A.S. YELLOW CAP IN GRAVEL SHOULDER ON WEST SIDE OF IL 47
STATION 109+08.45, 18.07' LT., ELEV. 885.61'
N 1,920,293.8760, E 944,447.5354



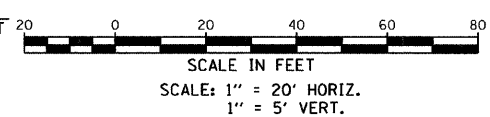
CONTROL POINT #14
REBAR WITH G.A.S. YELLOW CAP IN GRAVEL SHOULDER ON EAST SIDE OF IL 47 EAST OF GUARDRAIL
STATION 106+40.59, 22.10' RT., ELEV. 884.25'
N 1,920,027.1004, E 944,494.3175

SCALE 1" = 150'

PROP. CURVE 1
 PI STA. = 50+00.76
 $\Delta = 53^\circ 12' 39''$ (LT)
 $D = 3^\circ 29' 58''$
 $R = 1,637.28'$
 $T = 820.08'$
 $L = 1,520.55'$
 $E = 193.90'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 P.C. STA = 41+80.68
 P.T. STA = 57+01.23



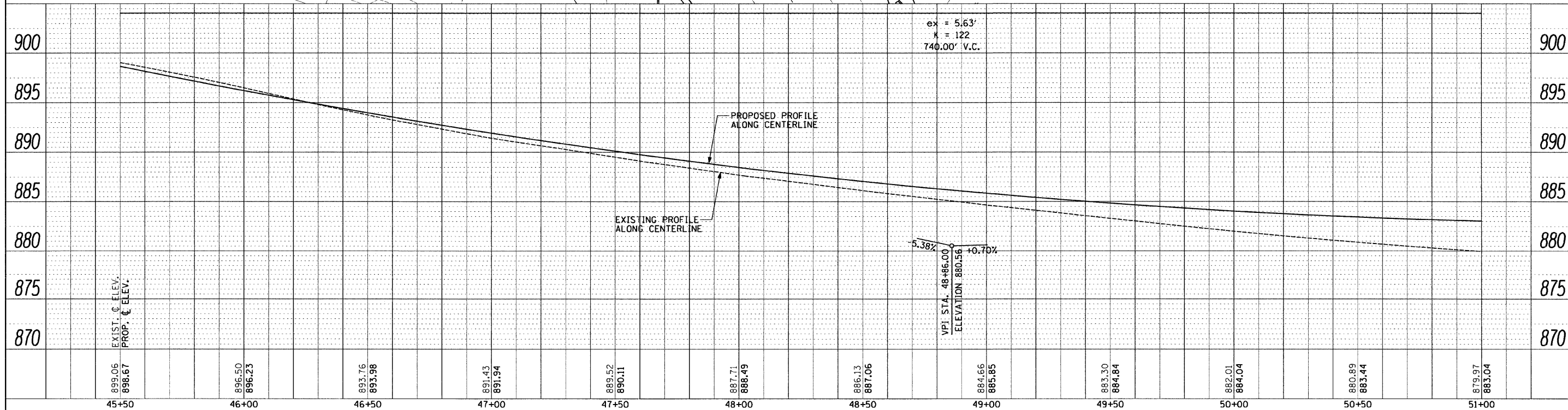
WETLAND SITE 3
 IMPACT: 0.53 ACRES
KANE COUNTY
ADID SITE 1812



WETLAND IMPACTS

DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

DATE	
BY	
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DESCRIPTION	

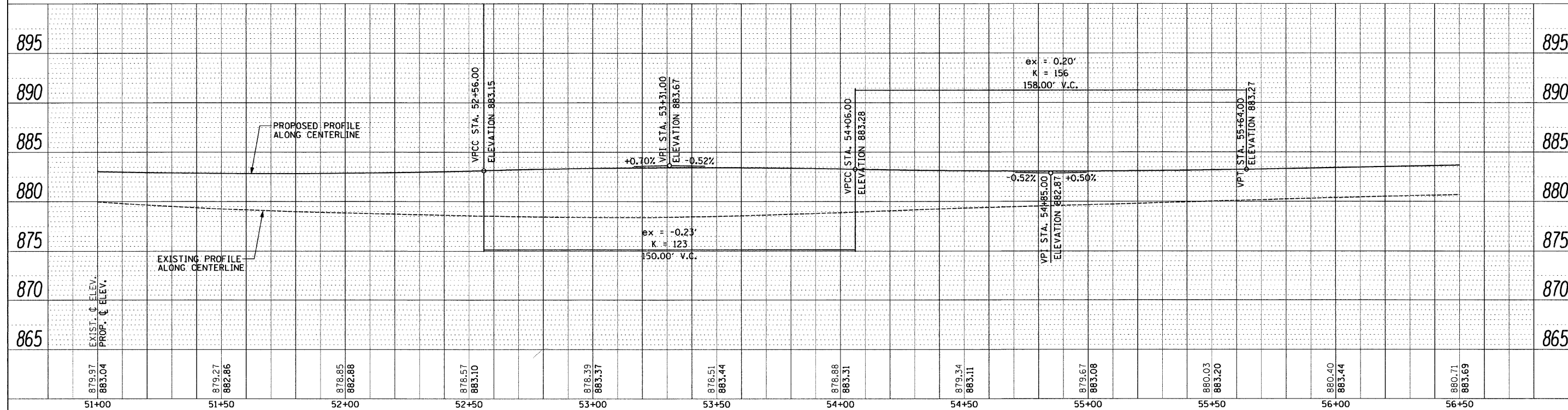
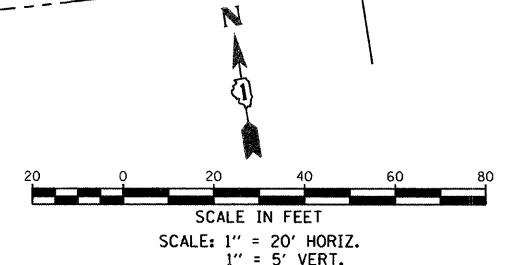
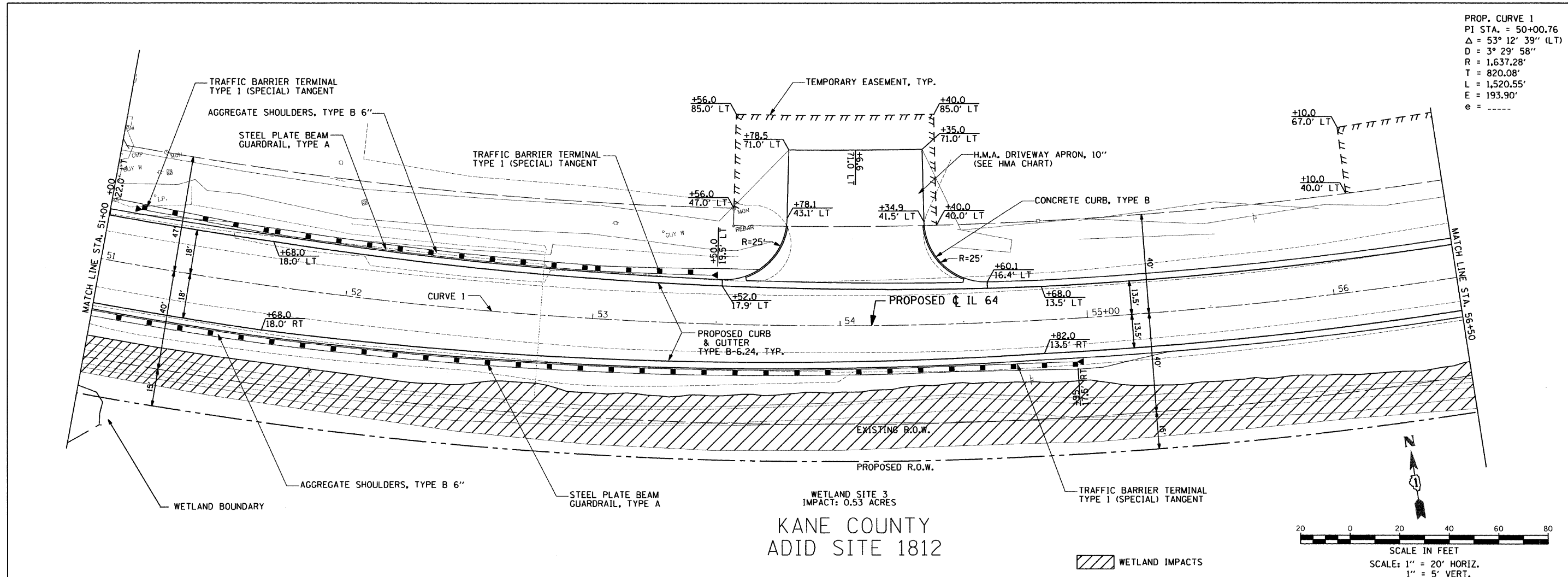


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#FILE#	10-12-2011	DRAWN - AR	REVISED -			SCALE: 1" = 20'		SHEET NO. 2 OF 8 SHEETS		STA. 45+50 TO STA. 51+00	CONTRACT NO. 62278
	PLOT SCALE = 20,00000 / IN.	CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT					
	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -								

PROP. CURVE 1
 PI STA. = 50+00.76
 $\Delta = 53^\circ 12' 39''$ (LT)
 $D = 3^\circ 29' 58''$
 $R = 1,637.28'$
 $T = 820.08'$
 $L = 1,520.55'$
 $E = 193.90'$
 $e = \text{-----}$

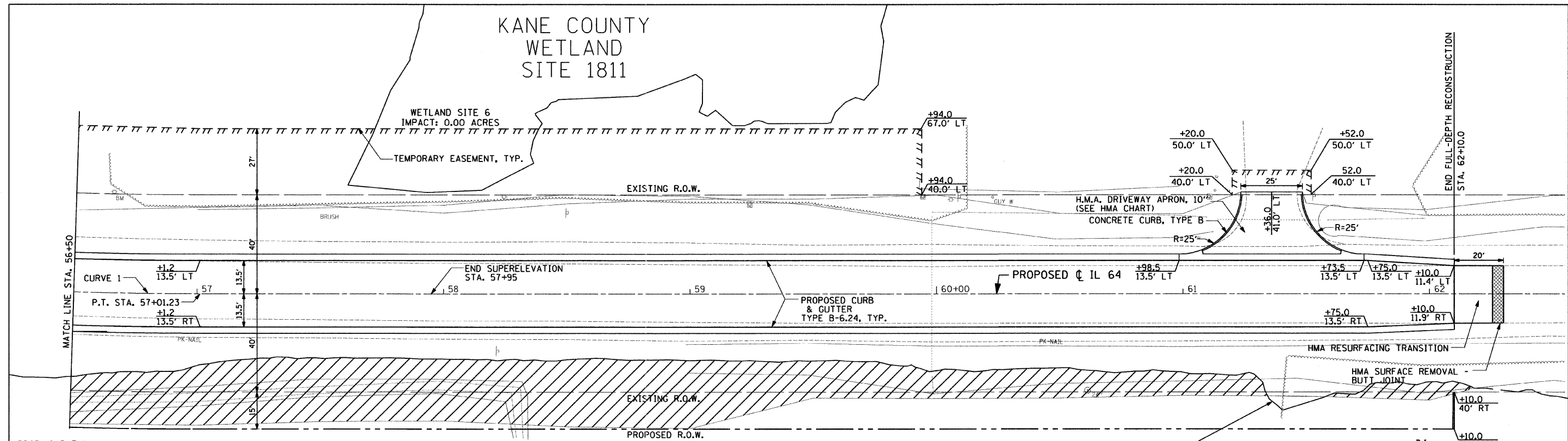
PLAN	SURVEYED	DATE
	PLotted	
	Checked	
	By	
	Way	
	Checked	
	By	
	File	
	Name	

PROFILE	SURVEYED	DATE
	Plotted	
	Checked	
	By	
	Notes	
	Checked	
	By	
	File	
	Name	



FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS PLAN AND PROFILE	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 21		
#FILE#	10-12-2011	DRAWN - AR	REVISED -			SCALE: 1" = 20'	SHEET NO. 3 OF 8	SHEETS STA. 51+00 TO STA. 56+50	CONTRACT NO. 62278			
	PLOT SCALE = 20,0000' / IN.	CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -									

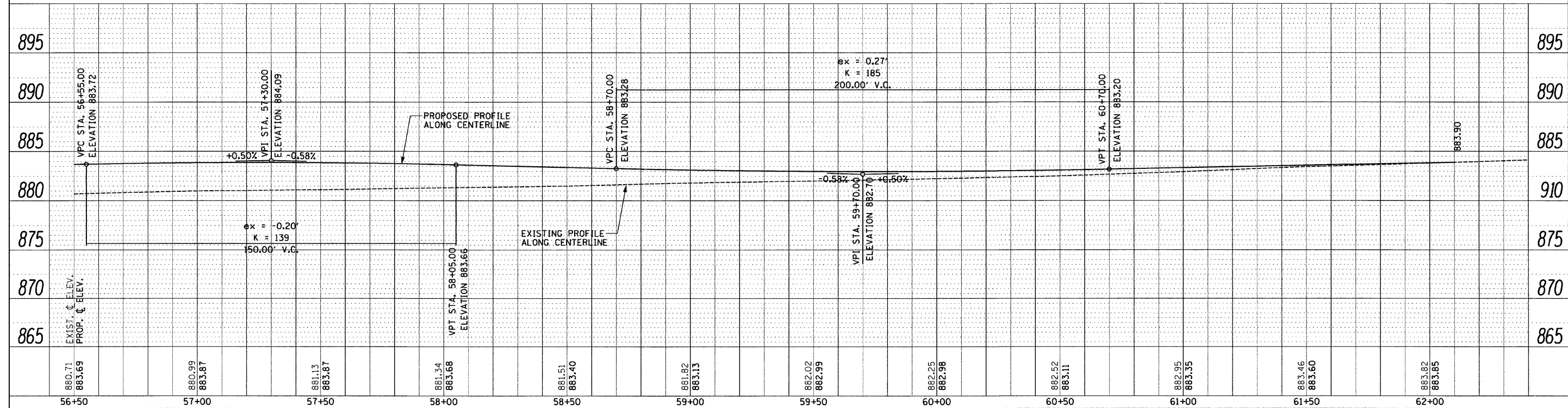
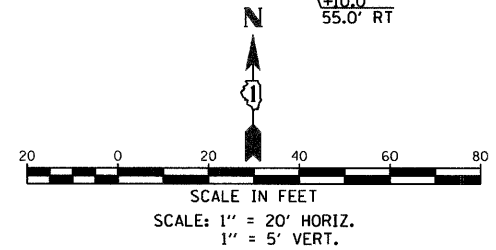
KANE COUNTY
WETLAND
SITE 1811



PROP. CURVE 1
PI STA. = 50+00.76
Δ = 53° 12' 39" (LT)
D = 3° 29' 58"
R = 1,637.28'
T = 820.08'
L = 1,520.55'
E = 193.90'
e = -
T.R. = -
S.E. RUN = -
P.C. STA = 41+80.68
P.T. STA = 57+01.23

SUPERELEVATION TRANSITION			
LEFT		RIGHT	
STATION	PAVEMENT SLOPE	STATION	PAVEMENT SLOPE
56+82	-3.00%	56+82	+3.00%
57+02	-2.00%	57+48	-0.36%
		57+95	-2.00%

KANE COUNTY
ADID SITE 1812



880.71 883.69	880.99 883.87	881.13 883.87	881.34 883.68	881.51 883.40	881.82 883.13	882.02 882.99	882.25 882.98	882.52 883.11	882.95 883.35	883.46 883.60	883.82 883.85	895
56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00	895

PLAN	SURVEYED	DATE
	PLANNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLANNED	
	CHECKED	
	BY	
	NO.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 64 AT IL 47 INTERSECTION IMPROVEMENTS
PLAN AND PROFILE

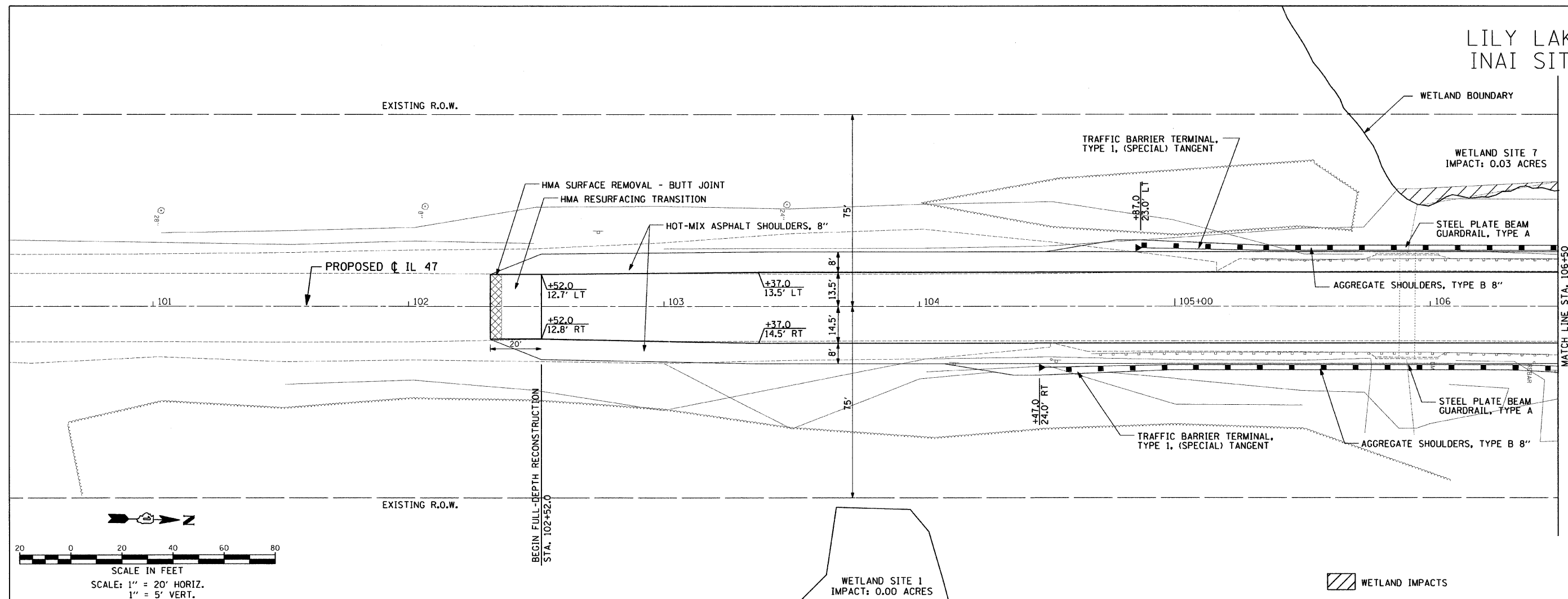
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	22
CONTRACT NO. 62278				

SCALE: 1" = 20' SHEET NO. 4 OF 8 SHEETS STA. 56+50 TO STA. 62+10

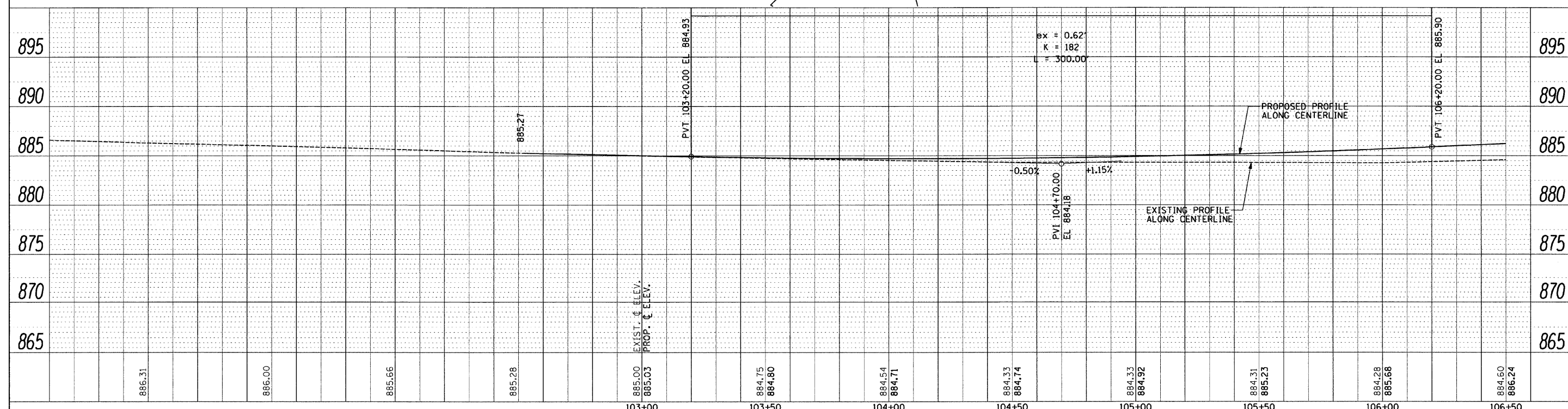
ILLINOIS FED. AID PROJECT

LILY LAKE INAI SITE

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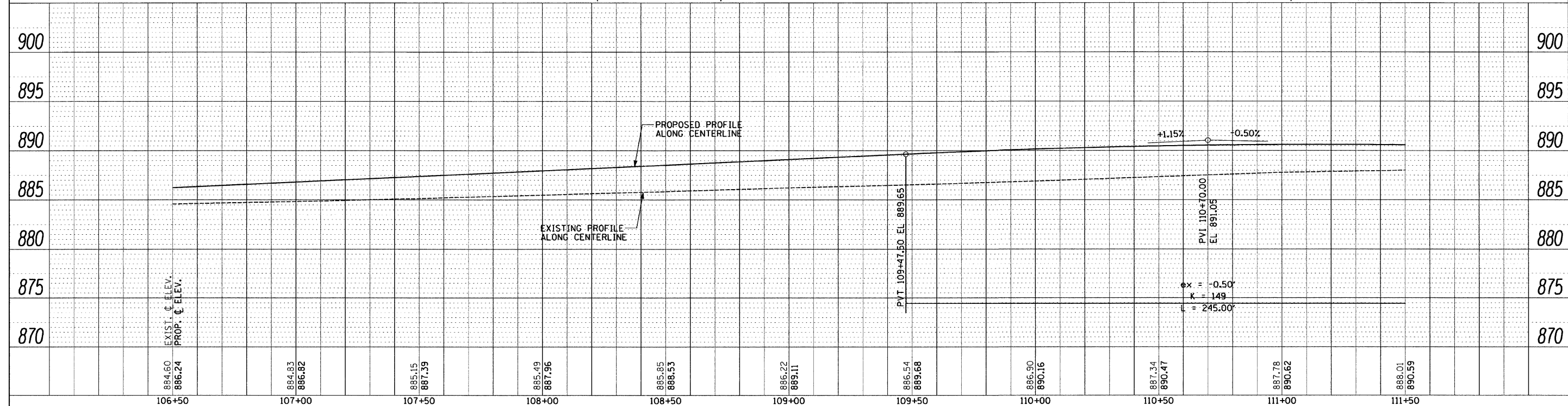
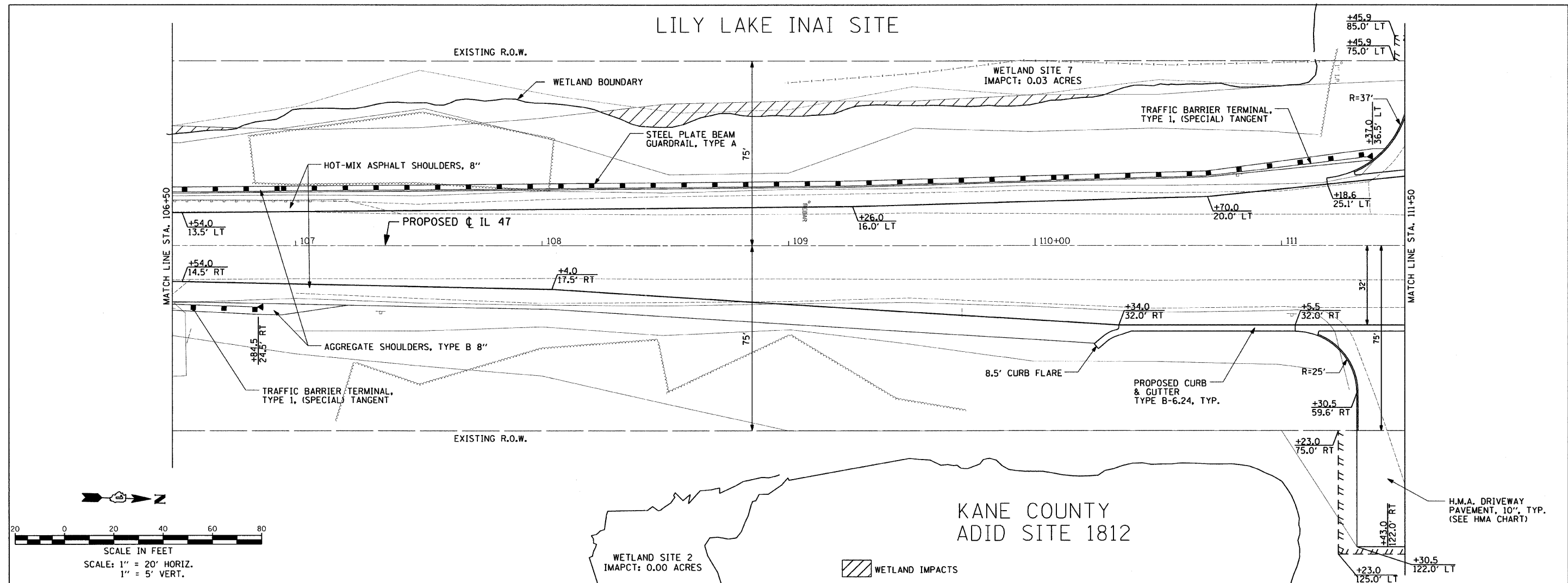


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	STRUCTURE NOTATIONS CHRD		



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#FILEL*	10-12-2011	DRAWN - AR	REVISED -							307	126N-1	KANE	156	23
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -							ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 5 OF 8 SHEETS		STA. 102+52 TO STA. 106+50						

LILY LAKE INAI SITE



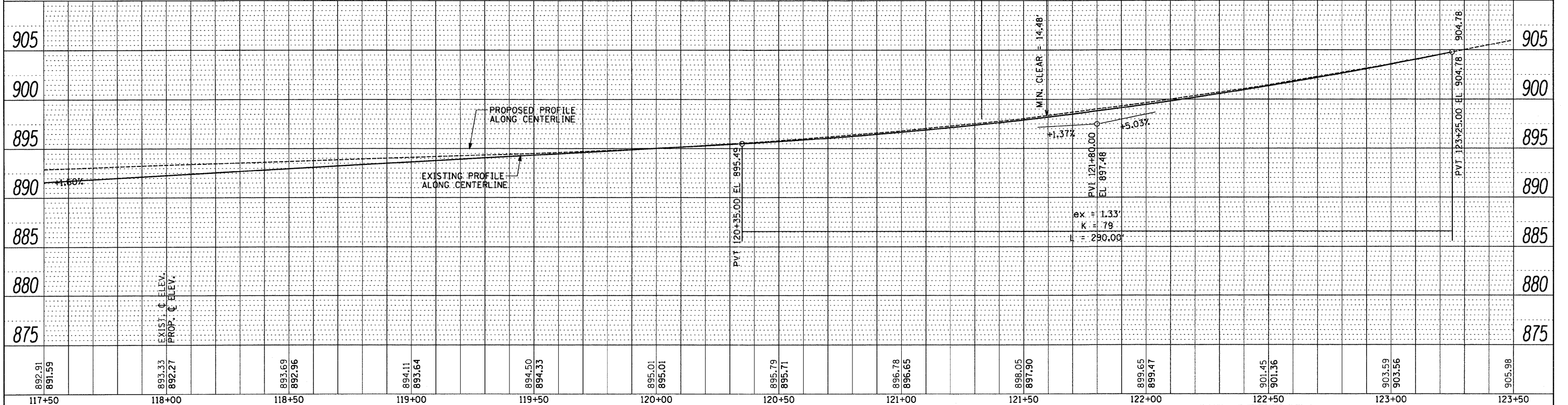
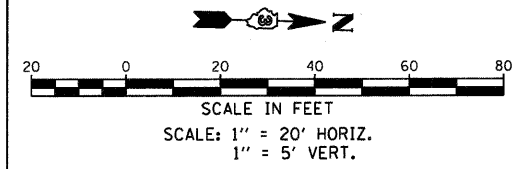
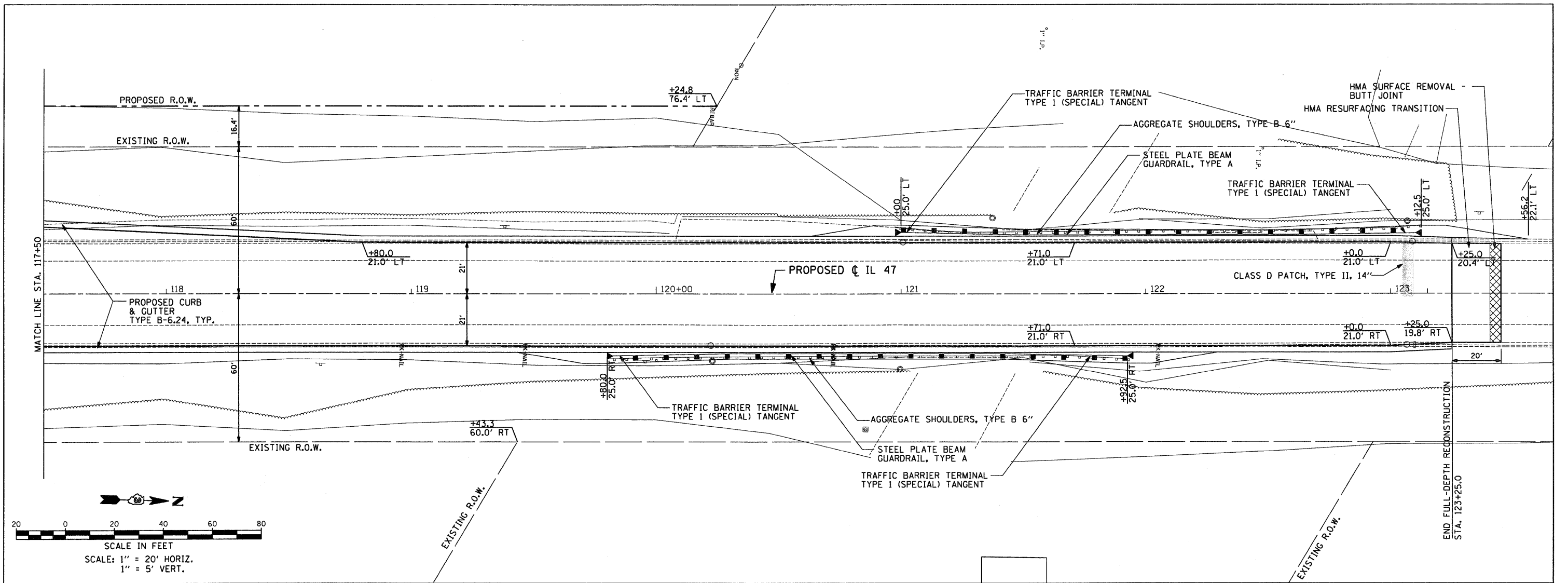
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	PLANNED	
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PROFILE	SURVEYED	DATE
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	BY	
	NO. OF	
	NO.	
	NO.	
	NO.	

FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	24	
PLOT SCALE = 20.0000' / IN.		CHECKED - RS	REVISED -			CONTRACT NO. 62278					
PLOT DATE = 10/11/2011		DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					

DATE	
BY	
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	PLOTTED
	CHECKED
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	NO. OF WAY CHECKED
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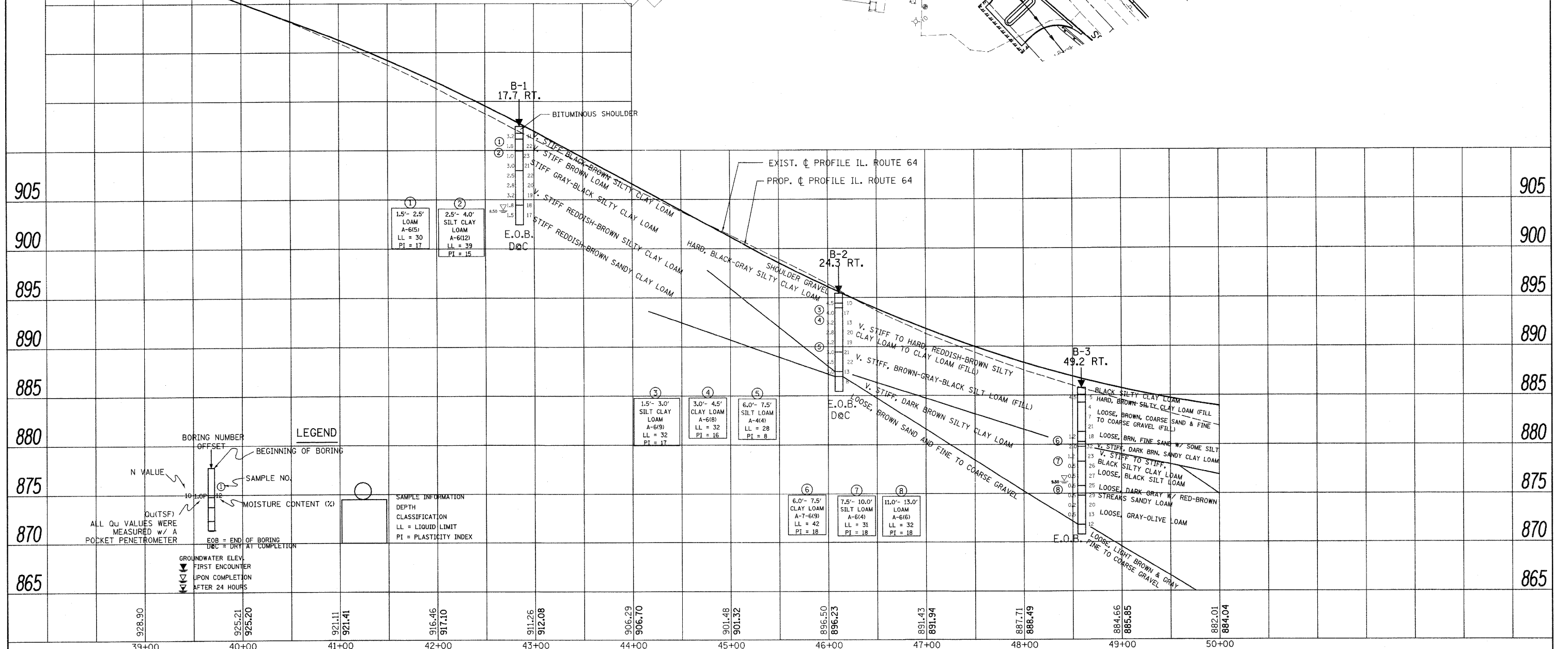
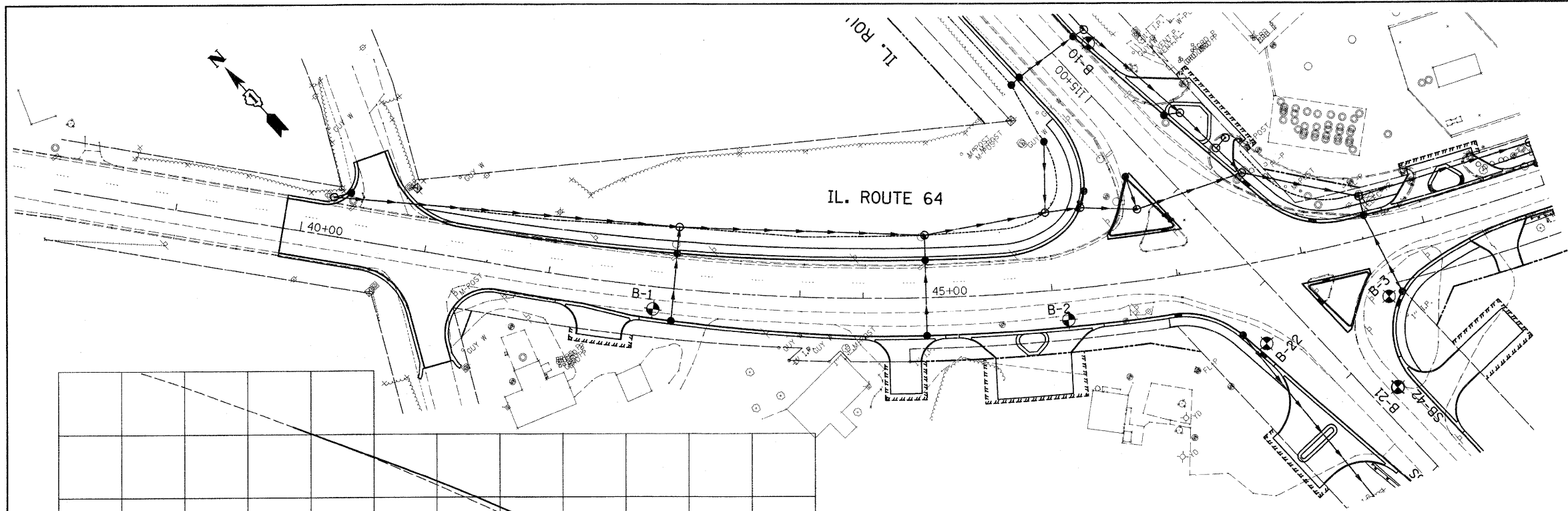
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	CHECKED
	REVISIONS
	NOTATIONS CHECKED
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FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS PLAN AND PROFILE	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 26		
*FILE#	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -			SCALE: 1" = 20'	SHEET NO. 8 OF 8 SHEETS	STA. 117+50	TO STA. 123+25	CONTRACT NO. 62278		
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	DATE
BY	
NO.	
NO.	
NO.	
NO.	

PROFILE	DATE
BY	
NO.	
NO.	
NO.	
NO.	



LEGEND

BORING NUMBER
OFFSET
BEGINNING OF BORING

N VALUE

MOISTURE CONTENT (%)

SOIL INFORMATION
DEPTH
CLASSIFICATION
LL = LIQUID LIMIT
PI = PLASTICITY INDEX

Q_u(TSF)
ALL Q_u VALUES WERE MEASURED w/ A POCKET PENETROMETER

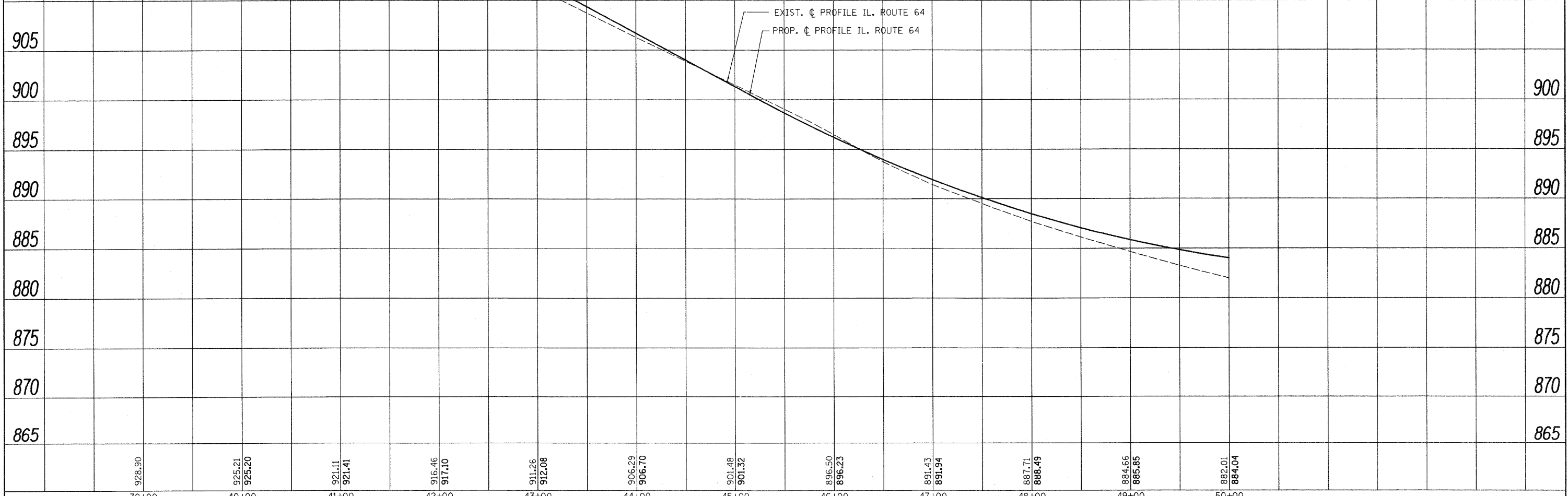
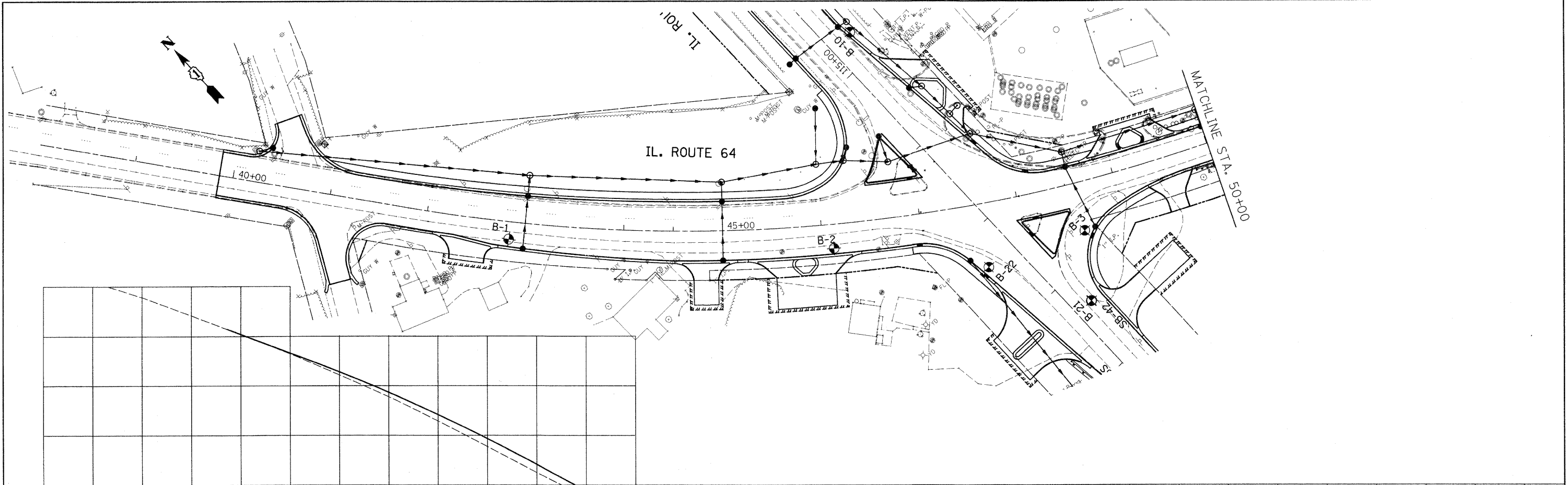
EOB = END OF BORING
D&C = DRY AT COMPLETION

GROUNDWATER ELEV.
FIRST ENCOUNTER
UPON COMPLETION
AFTER 24 HOURS

FILE NAME =	USER NAME = lszexrf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 64 RT. SIDE SOIL PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\p\265927\0326\000947\1026	1-sht-soil-RT.dgn	DRAWN -	REVISED -			307	126N-1	KANE	136	27	
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	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	SUBMITTED	BY	DATE
NOTE BOOK NO.	DESIGNED		
	DRAWN		
	CHECKED		
	DATE		

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK NO.	DESIGNED		
	DRAWN		
	CHECKED		
	DATE		

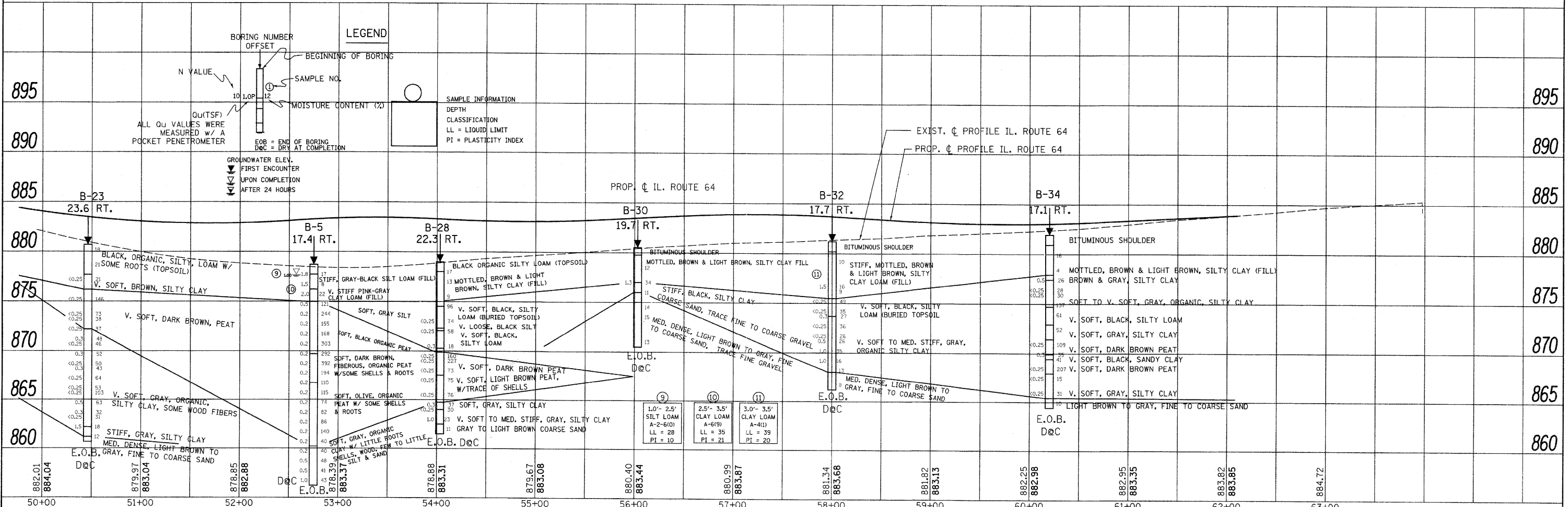
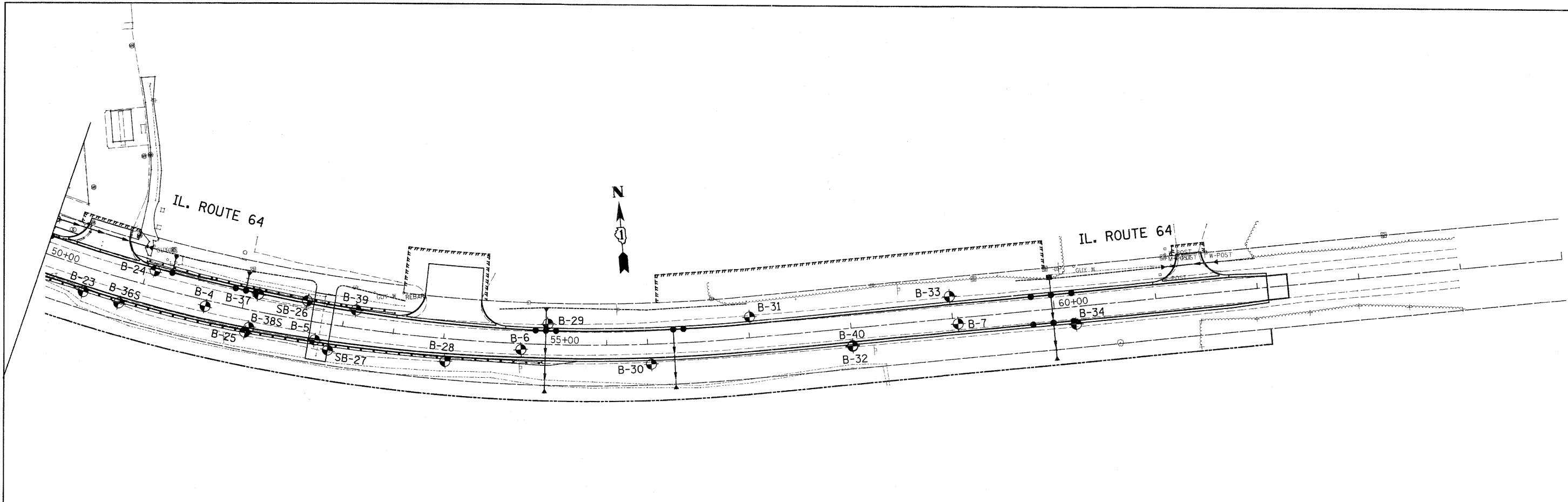


FILE NAME =	USER NAME = lszekrf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 64 LEFT SIDE SOILS PLAN AND PROFILE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -				TO STA.					
	PLOT DATE = 4/19/2011	DATE -	REVISED -									

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	PT. OF WAY		
	CHECKED		
	NO. OF		
	ROAD		
	FILE		
	NO.		

PROFILE	NOTED	BY	DATE
	CHECKED		
	GRADES		
	NOTED		
	NO.		
	PLANS		
	NOTATIONS		
	CHKS		



LEGEND

BORING NUMBER
OFFSET

BEGINNING OF BORING

N VALUE

SAMPLE NO.

MOISTURE CONTENT (%)

SOIL INFORMATION

DEPTH

CLASSIFICATION

LL = LIQUID LIMIT

PI = PLASTICITY INDEX

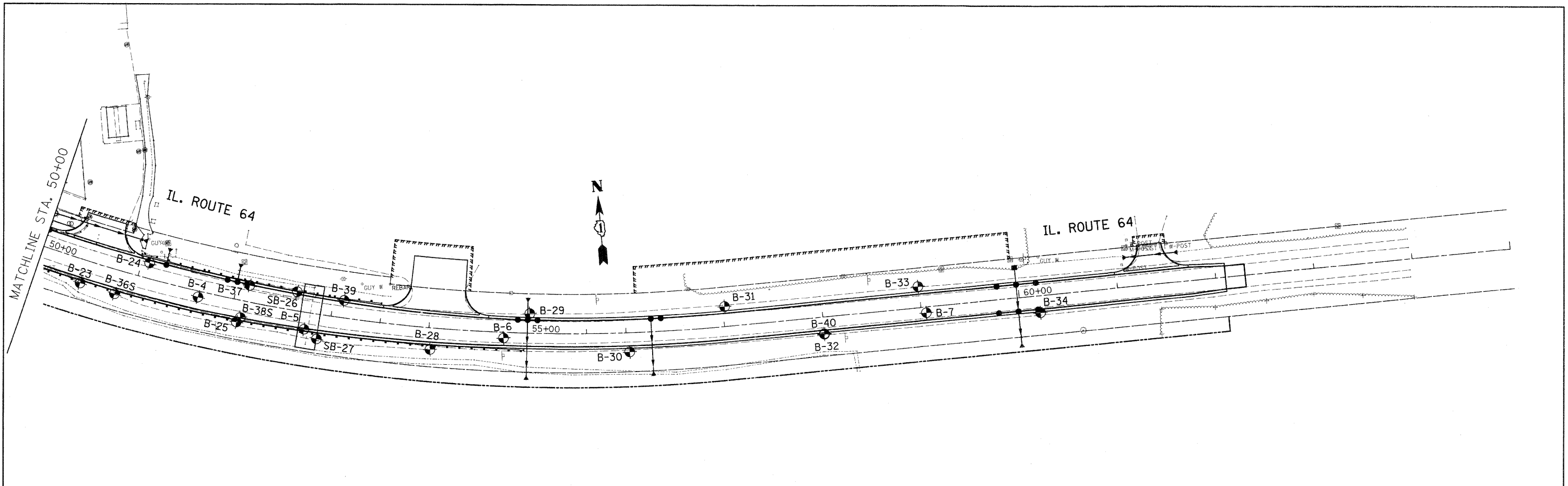
Qu(TSF)
ALL Qu VALUES WERE MEASURED W/ A POCKET PENETROMETER

EOB = END OF BORING
D&C = DRY AT COMPLETION

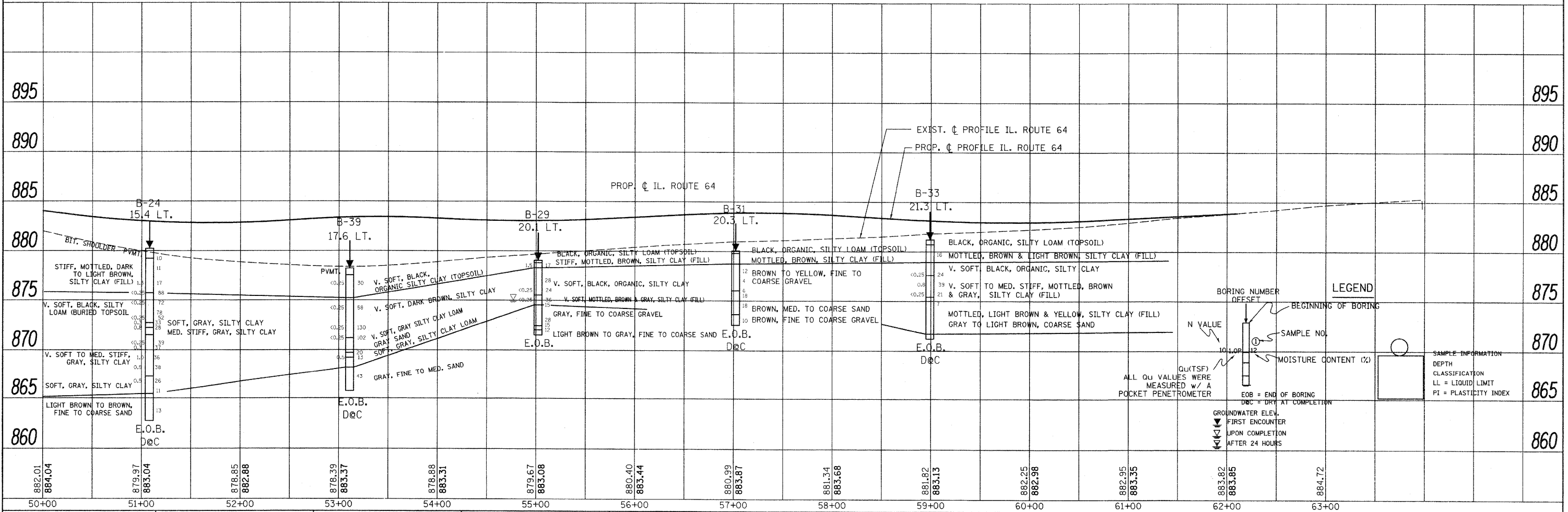
GROUNDWATER ELEV.
FIRST ENCOUNTER
UPON COMPLETION
AFTER 24 HOURS

FILE NAME =	USER NAME = lszekrf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 64 RT. SIDE SOILS PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 4/19/2011	DATE -	CHECKED -	REVISED -			CONTRACT NO. 62278					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

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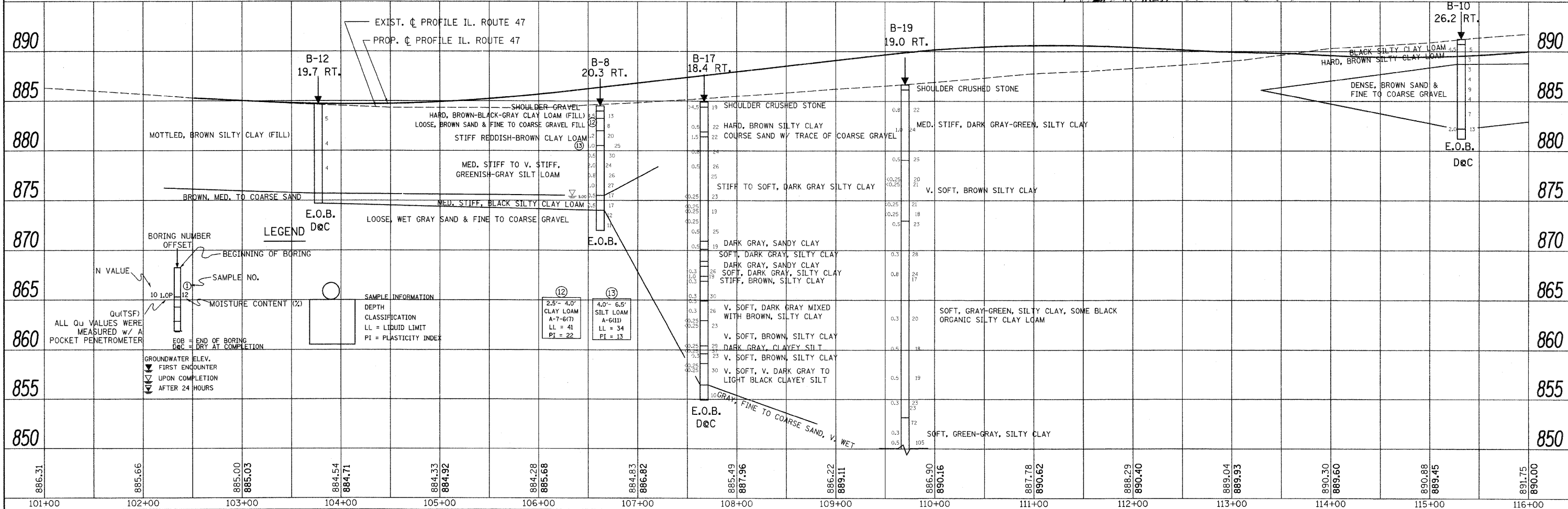
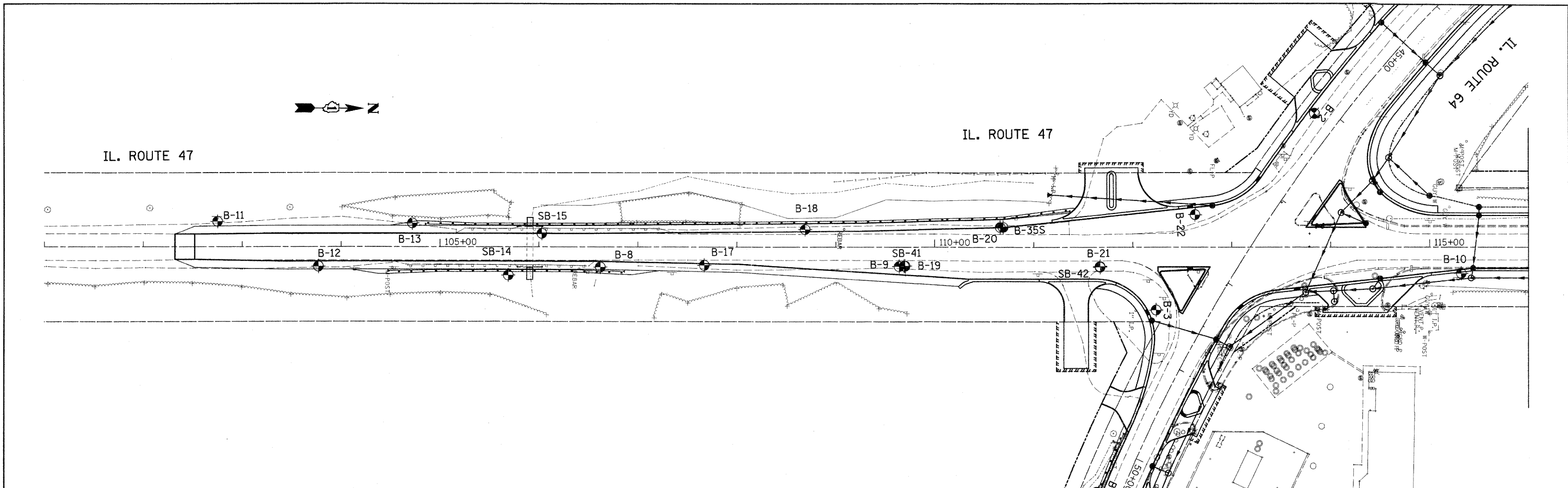
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PLOT SCALE = 50.0000" / IN.		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 4/19/2011		DATE	REVISED -									

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DESCRIPTION	

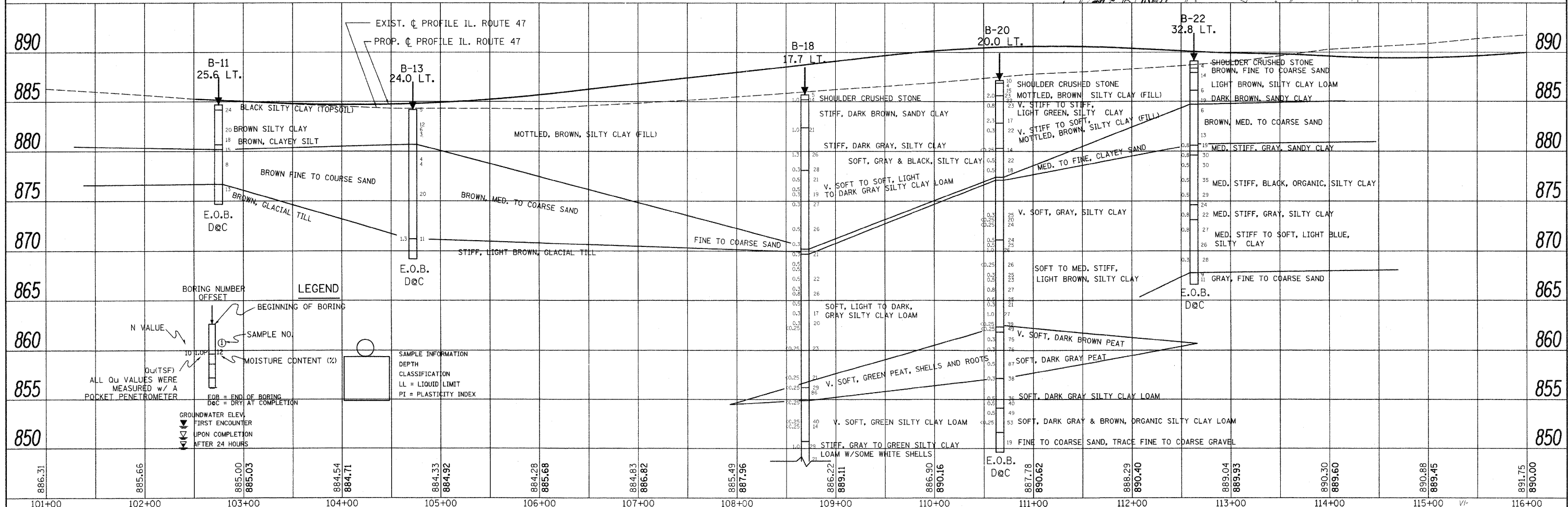
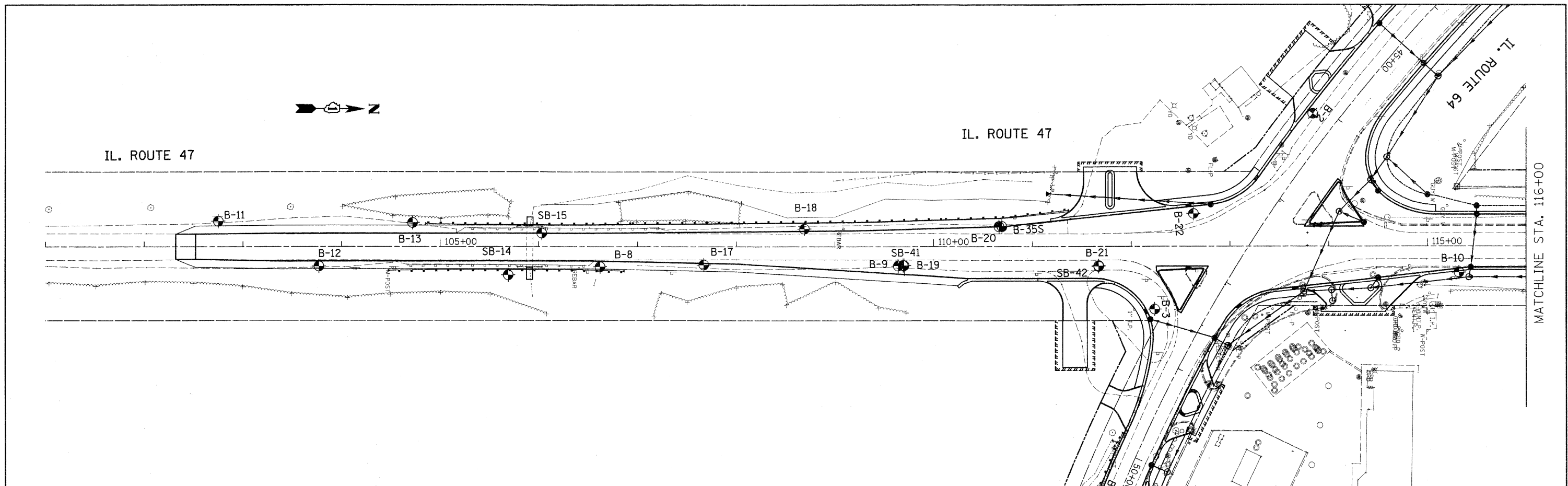
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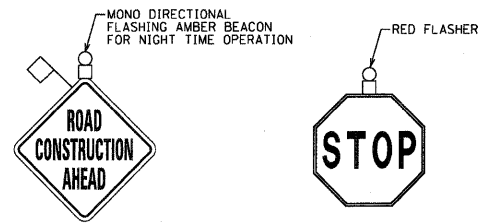
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PLT SCALE = 5/8" = 1' IN.	CHECKED -	REVISED -	CONTRACT NO. 62278							
PLT DATE = 4/19/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
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	BY	
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	ADD FILE NAME	

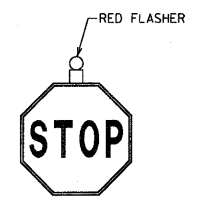
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	PLotted	
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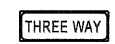
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		DATE -	REVISED -									



1 W20-1(O)-48



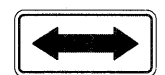
2 R1-1-30x30



3 R1-4-18x6



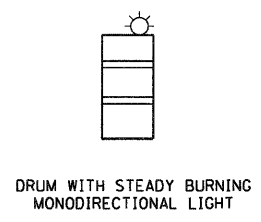
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5 W1-7(O)



6 W1-6L(O)-4824



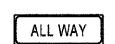
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8 W1-4R(O)-48



9 W13-1(O)-2424



10 R1-4-18x6



11 R3-1-24x24



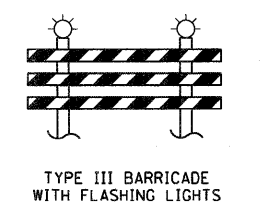
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13 M1-1100-36x36



14 M1-1100-36x36



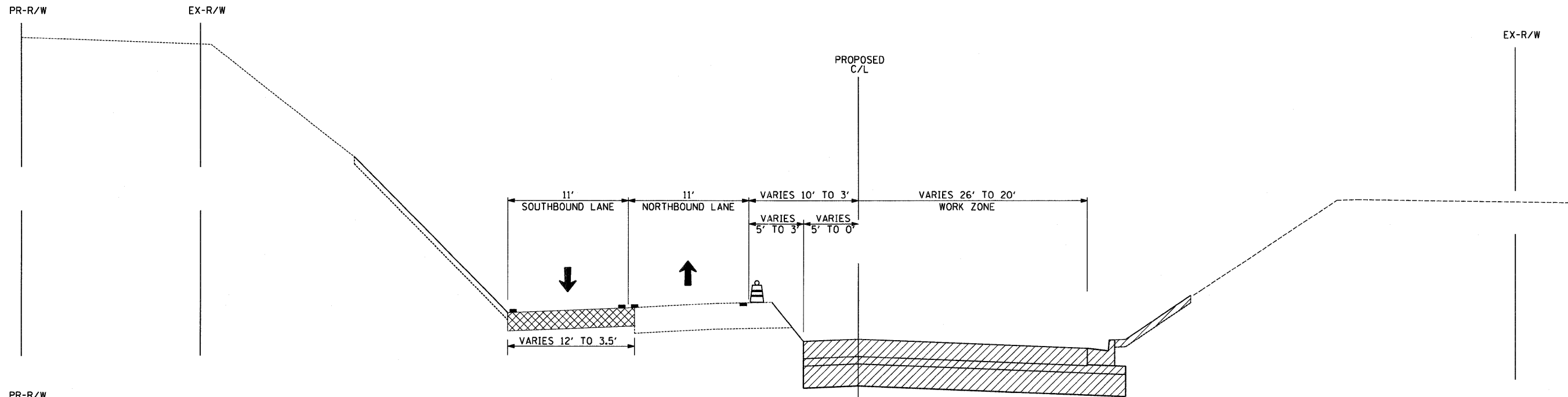
MOT LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT, 10"
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
- TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
- SIGN
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE

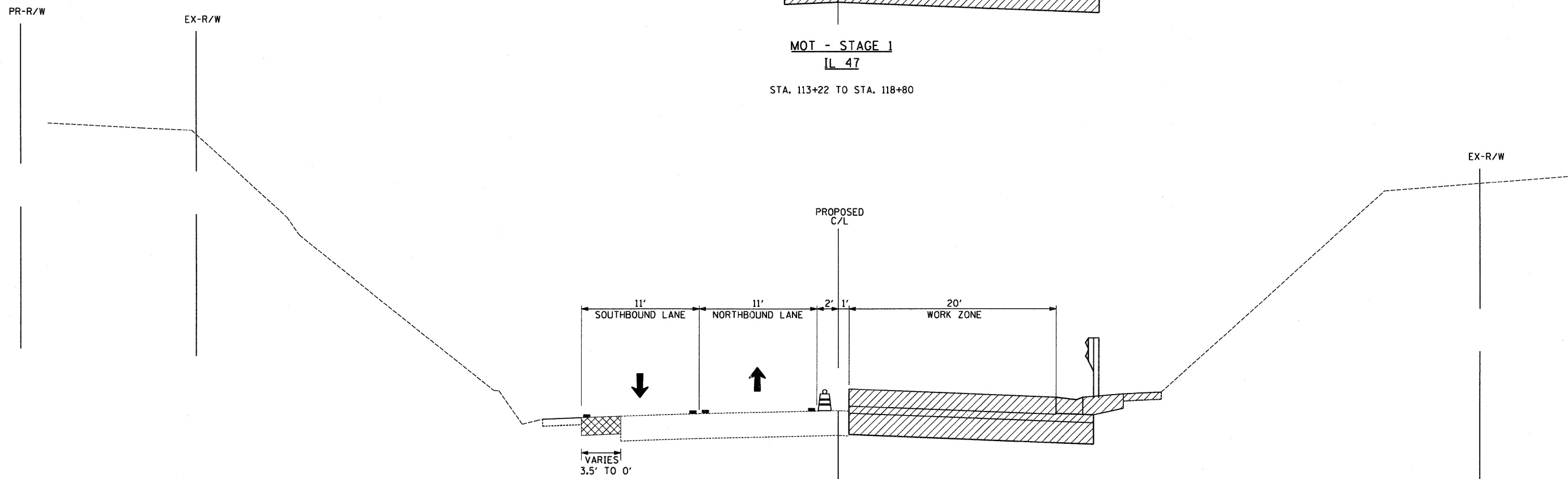
SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

STAGE	WORK TO BE PERFORMED	SUGGESTED MAINTENANCE OF TRAFFIC
PRESTAGE	REMOVE CURB & GUTTER AND CONSTRUCT TEMPORARY PAVEMENT ON THE WEST SIDE OF IL 47 FOR STAGE 1 CONSTRUCTION. INSTALL STORM SEWER PIPE CROSSING ON NORTH END OF IL 47.	REFER TO HIGHWAY STANDARD 701326 FOR DETAILS REFER TO HIGHWAY STANDARD 701201 FOR DETAILS
1	RECONSTRUCT EAST LEG OF IL 64 RECONSTRUCT EAST SIDE OF NORTH LEG OF IL 47 CONSTRUCT STORM SEWER AND CROSSINGS ON THE NORTH SIDE OF THE WEST LEG OF IL 64 INCLUDING THE IL 47 CROSSING CONSTRUCT TEMPORARY PAVEMENT ON THE EAST SIDE OF IL 47 FOR STAGE 3 CONSTRUCTION.	STAGE 1 DETOUR STAGE 1 SUGGESTED MAINTENANCE OF TRAFFIC PLANS REFER TO HIGHWAY STANDARDS 701101 & 701606 FOR DETAILS STAGE 1 SUGGESTED MAINTENANCE OF TRAFFIC PLANS
2	RECONSTRUCT SOUTH LEG OF IL 47 RECONSTRUCT SOUTH SIDE OF WEST LEG OF IL 64	STAGE 2 DETOUR STAGE 2 SUGGESTED MAINTENANCE OF TRAFFIC PLANS
3	RECONSTRUCT NORTH SIDE OF WEST LEG OF IL 64 RECONSTRUCT WEST SIDE OF NORTH LEG OF IL 47 REMOVE TEMPORARY PAVEMENT AND CONSTRUCT CURB & GUTTER ON THE EAST SIDE OF NORTH LEG OF IL 47.	STAGE 3 SUGGESTED MAINTENANCE OF TRAFFIC PLANS REFER TO HIGHWAY STANDARD 701326 FOR DETAILS






ITEM NAME	UNITS	STAGE I		STAGE II		STAGE III		TOTALS
		IL 47	IL 64	IL 47	IL 64	IL 64	IL 47	
TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4715	0	0	1995	321	849	7880
TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	44	0	0	24	0	0	68
PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	622	0	0	2647	5207	6133	14609
PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	0	0	0	17	43	51	111
WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	700	0	22	592	2740	2354	6408
TEMPORARY PAVEMENT	SO YD	1001	813	192	0	133	405	2544



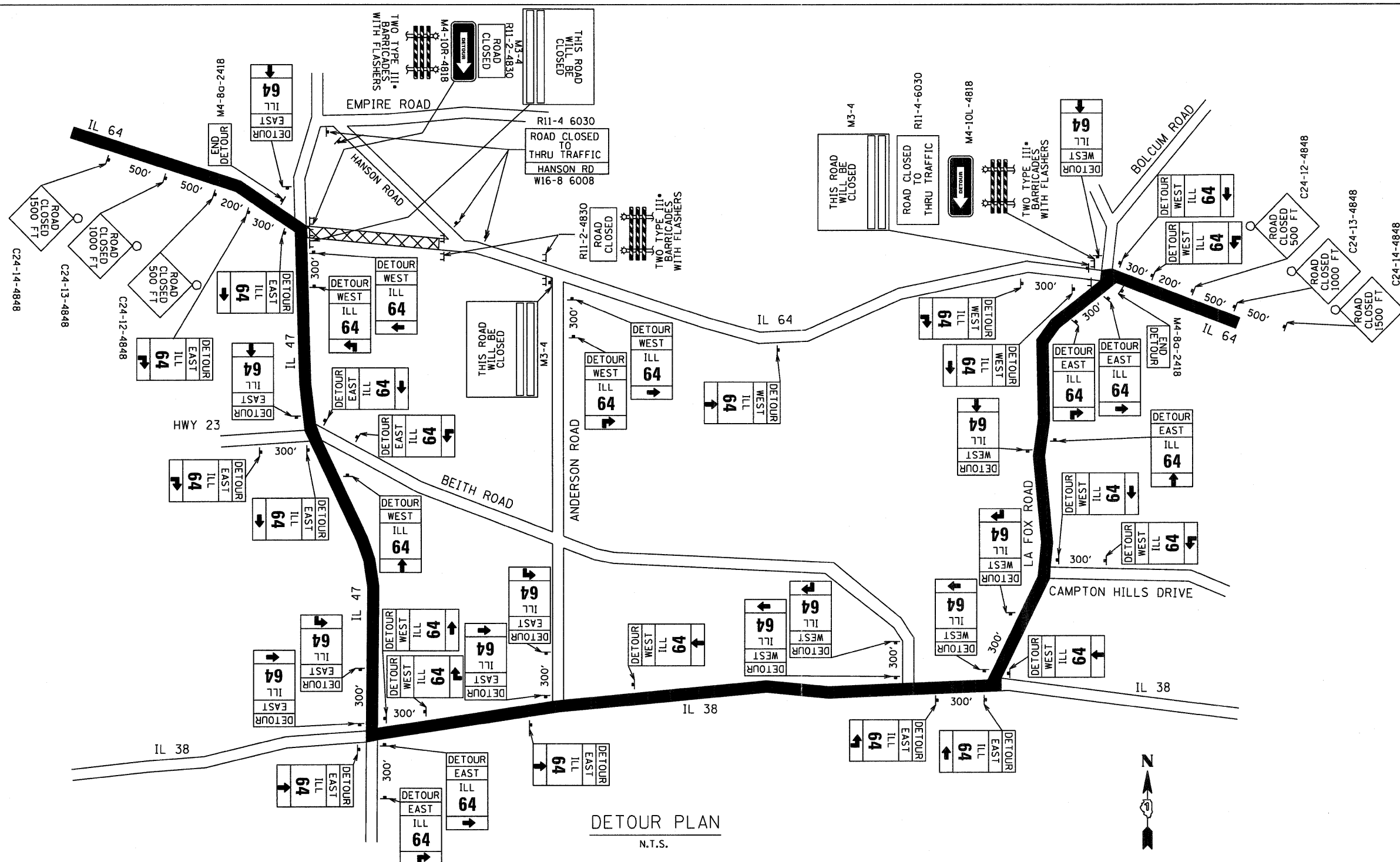
MOT - STAGE 1
IL 47
STA. 113+22 TO STA. 118+80



MOT - STAGE 1
IL 47
STA. 118+80 TO STA. 123+15

- LEGEND:**
-  CONSTRUCTION DURING STAGE
 -  TEMPORARY PAVEMENT 10"
 -  DRUM WITH MONODIRECTIONAL FLASHING LIGHT
 -  DIRECTION OF TRAFFIC
 -  PAVEMENT MARKING

FILE NAME = #FILEL*	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED STAGE 1 MOT TYPICAL SECTIONS	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 36
	PLOT SCALE = 5.0000' / IN.	CHECKED - RS	REVISED -			SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 62278	
PLOT DATE = 9/1/2011	DATE = 09-01-2011	REVISED -	REVISED -							



DETOUR PLAN
N.T.S.

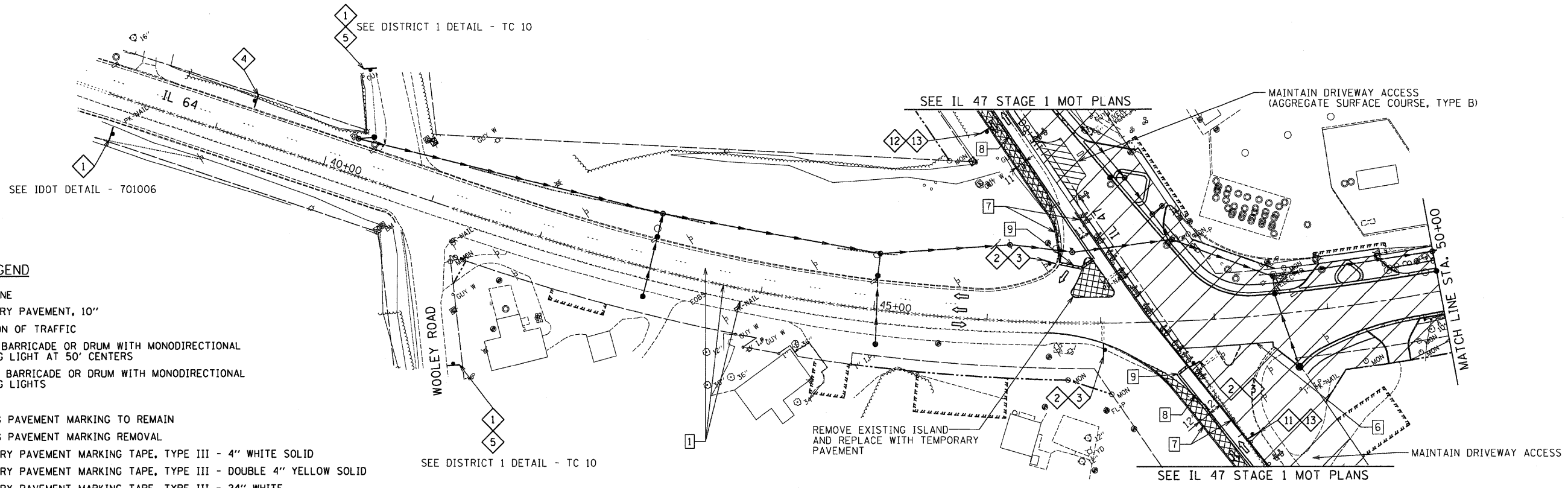
DETOUR NOTES

- IDOT SHALL BE NOTIFIED 72 HOURS PRIOR TO PUTTING THE DETOUR IN EFFECT AND IMMEDIATELY AFTER THE DETOUR HAS BEEN REMOVED.
- KANE COUNTY AND THE ELBURB/COUNTRYSIDE FIRE PROTECTION DISTRICTS SHALL BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO PLACING DETOUR POSTING.
- THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL TEMPORARY SIGN SUPPORTS. AFTER REMOVING THE SUPPORTS, THE CONTRACTOR SHALL FILL HOLES (IF ANY) AND RESTORE THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION. PLACING OF GRAVEL, SOD, OR SEED SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL & PROTECTION, (SPECIAL)".
- ALL SIGNS, SUPPORTS AND POSITIONING SHALL BE IN ACCORDANCE WITH THE 'ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION' AND HIGHWAY STANDARDS.
- ALL WARNING SIGNS IN TEMPORARY TRAFFIC CONTROL ZONES SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND, UNLESS OTHERWISE NOTED.
- ALL EXISTING SIGNS THAT CONFLICT WITH THE DETOUR SHALL BE REMOVED OR COVERED.
- EACH TYPE III BARRICADE SHALL BE EQUIPPED WITH TWO FLASHING AMBER LIGHTS.
- THE CONTRACTOR SHALL ERECT THE 'THIS ROAD WILL BE CLOSED...' SIGN AT LEAST ONE WEEK IN ADVANCE OF THE CLOSURE.
- ALL ENTRANCES ON CLOSED IL 64 MUST BE OPEN FOR TRAFFIC DURING THE ENTIRE CONSTRUCTION PERIOD. STONE FOR TEMPORARY ACCESS SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE) OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE).

* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

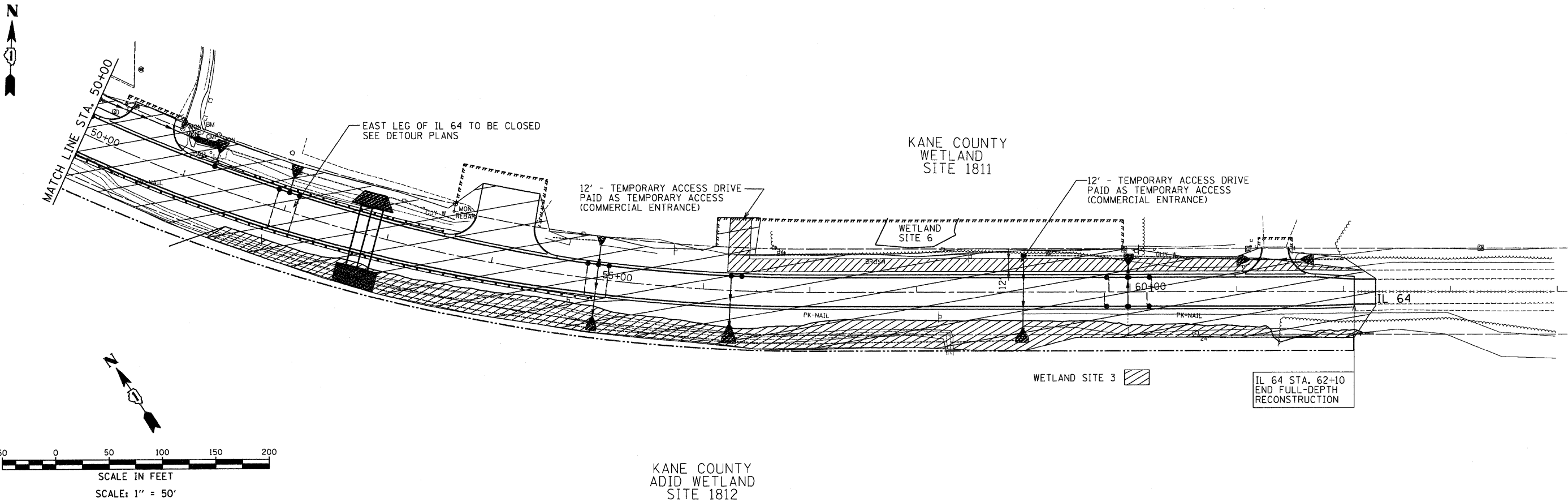
LEGEND

- DETOUR ROUTE
- ROAD CLOSED/CONSTRUCTION ZONE
- DETOUR SIGN
- ILL 64 M1-50-2424
- DETOUR M4-8-2412
- EAST M3-2-2412
- WEST M3-4-2412
- M6-3-2115
- M5-1R-2115
- M5-1L-2115
- M6-1-2115
- M6-3-2115



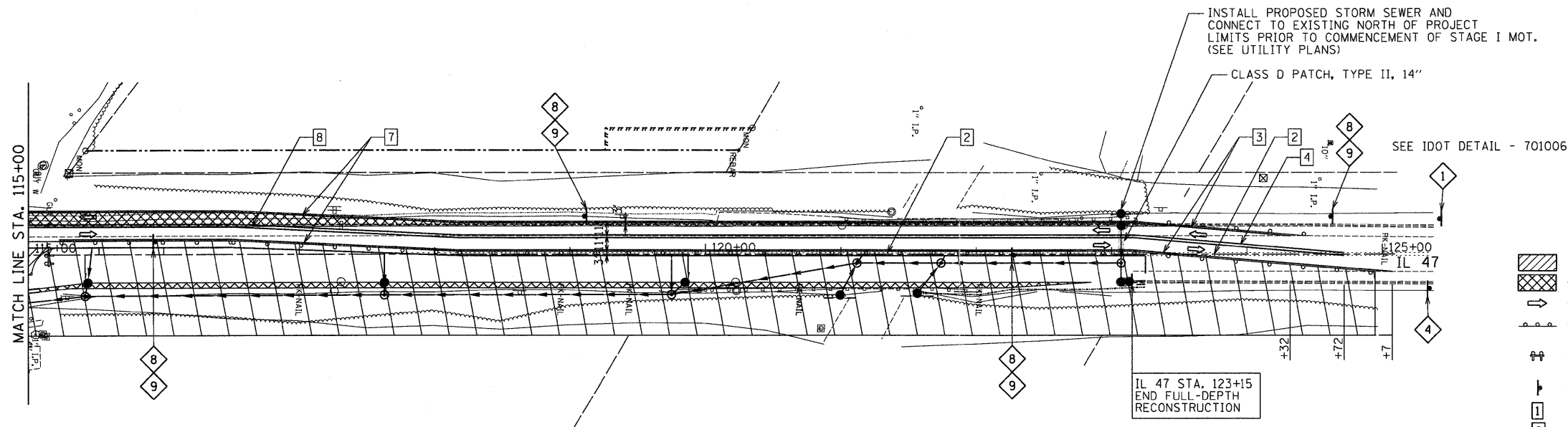
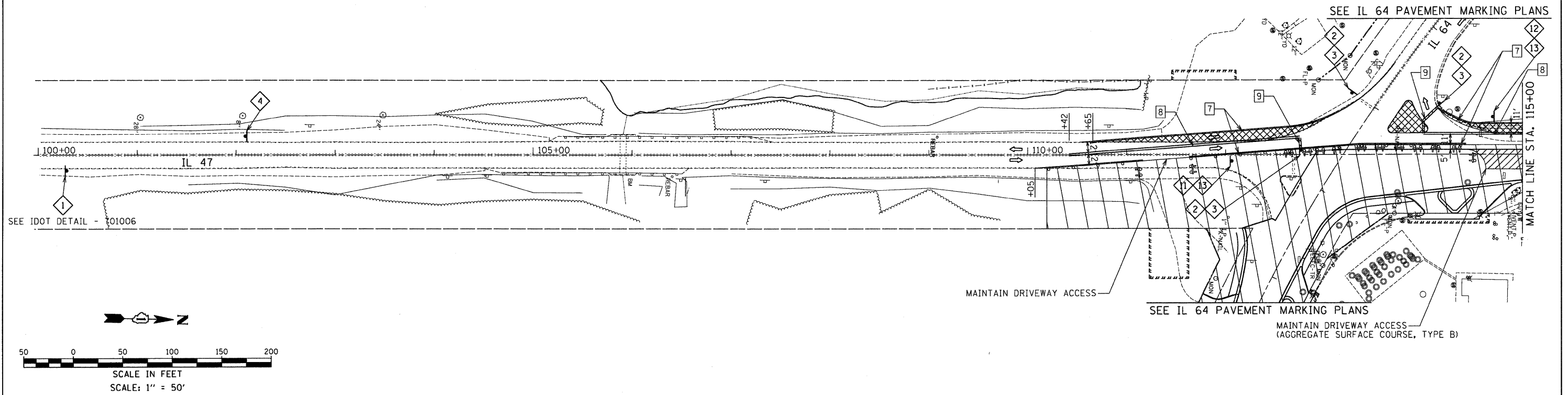
MOT LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT, 10"
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
- TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
- SIGN
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE



FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED MOT PLANS - STAGE 1	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 38		
#FILE#	PLOT SCALE = 50,0000' / IN.	CHECKED - RS	REVISED -			SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 62278		
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT						

LILY LAKE INAI
WETLAND SITE



MOT LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT, 10"
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
- TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
- SIGN
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE

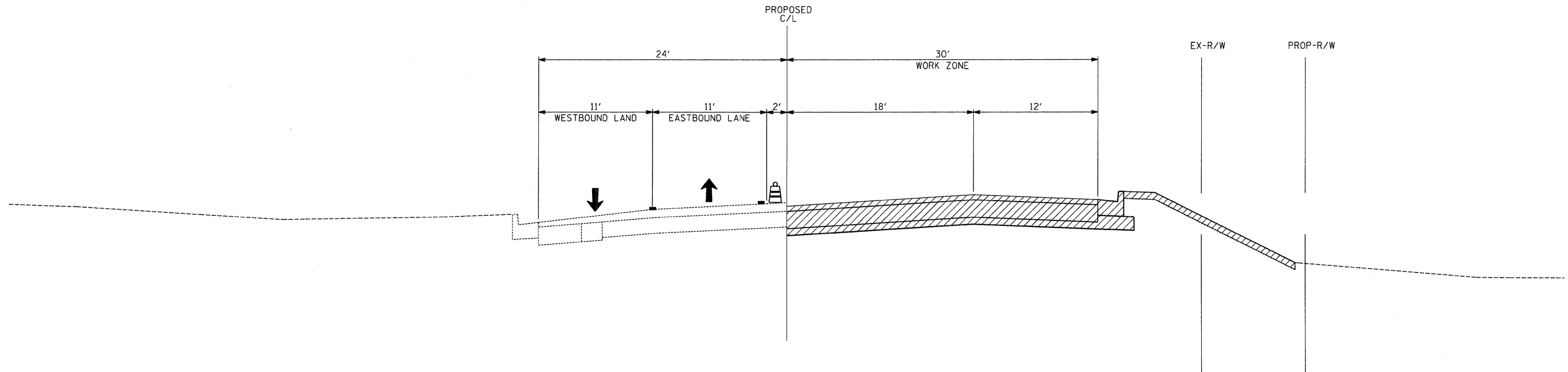
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

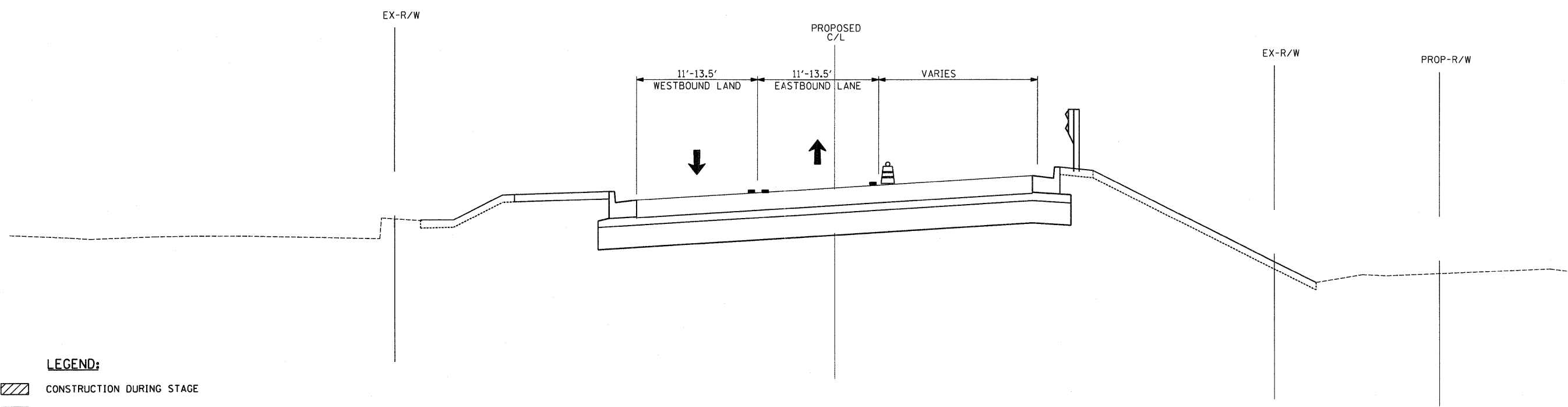
IL 64 AT IL 47 INTERSECTION IMPROVEMENTS
SUGGESTED MOT PLANS - STAGE 1

SCALE: 50 SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 39
CONTRACT NO. 62278				
ILLINOIS FED. AID PROJECT				



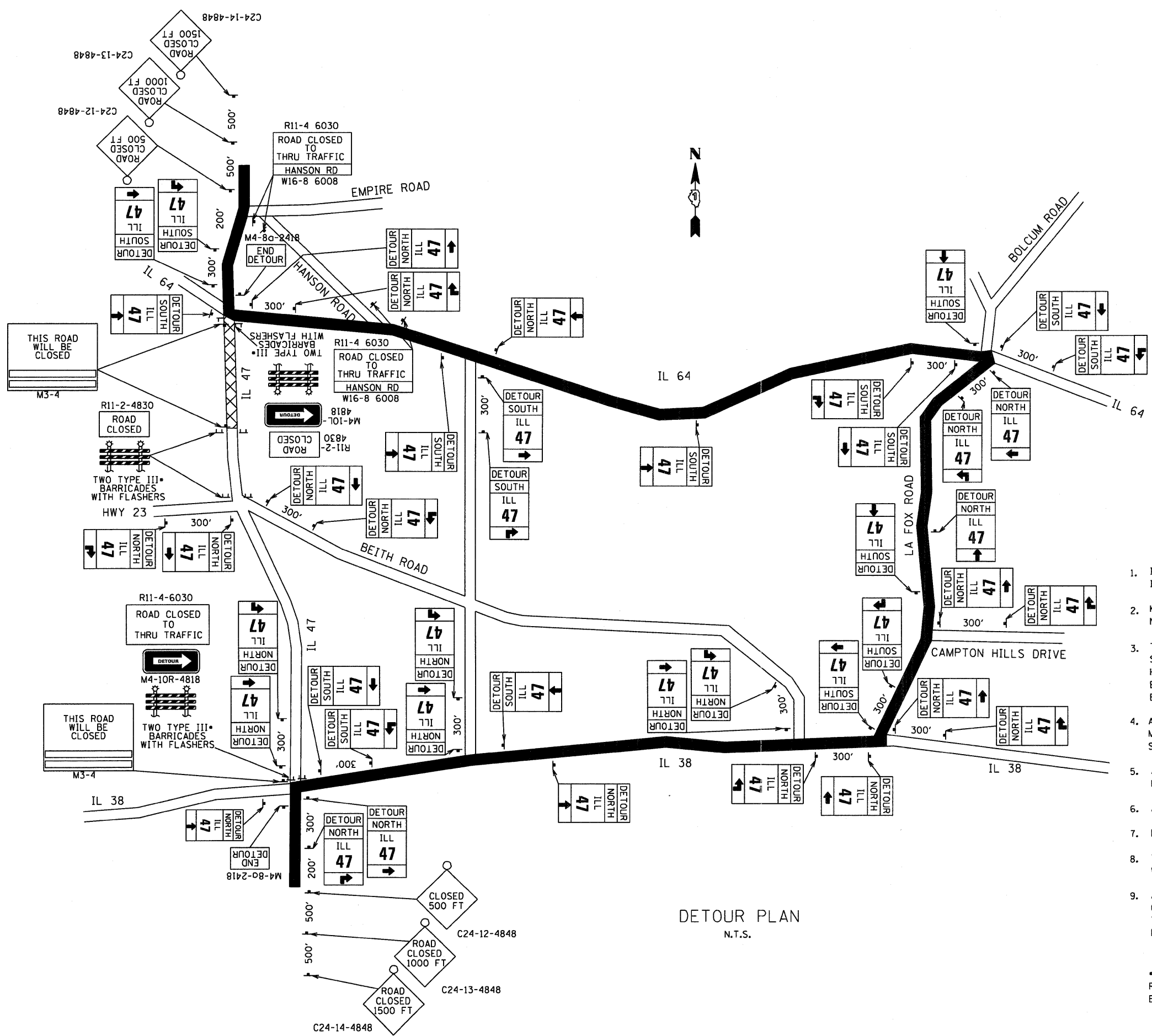
MOT - STAGE 2
IL 64
 STA. 39+86 TO STA. 48+00



MOT - STAGE 2
IL 64
 STA. 48+00 TO STA. 54+82

- LEGEND:**
- CONSTRUCTION DURING STAGE
 - TEMPORARY PAVEMENT 10"
 - DRUM WITH MONODIRECTIONAL FLASHING LIGHT
 - DIRECTION OF TRAFFIC
 - PAVEMENT MARKING

FILE NAME = #FILEL#	USER NAME = .USER_	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED STAGE 2 MOT TYPICAL SECTIONS	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 40	
	PLOT SCALE = 5.0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -	SCALE:			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			



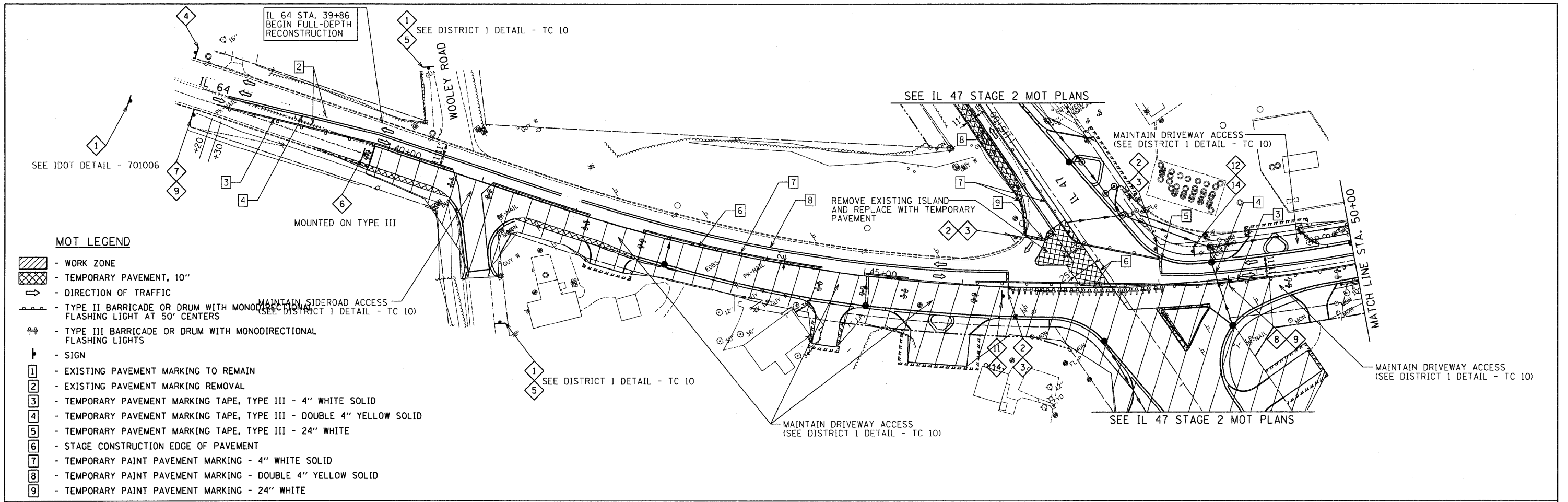
- LEGEND**
- DETOUR ROUTE
 - ROAD CLOSED/CONSTRUCTION ZONE
 - DETOUR SIGN
 - ILL 47 M1-50-2424
 - M4-8-2412
 - M3-1-2412
 - M3-3-2412
 - M6-3-2115
 - M5-1R-2115
 - M5-1L-2115
 - M6-1-2115
 - M6-3-2115

DETOUR NOTES

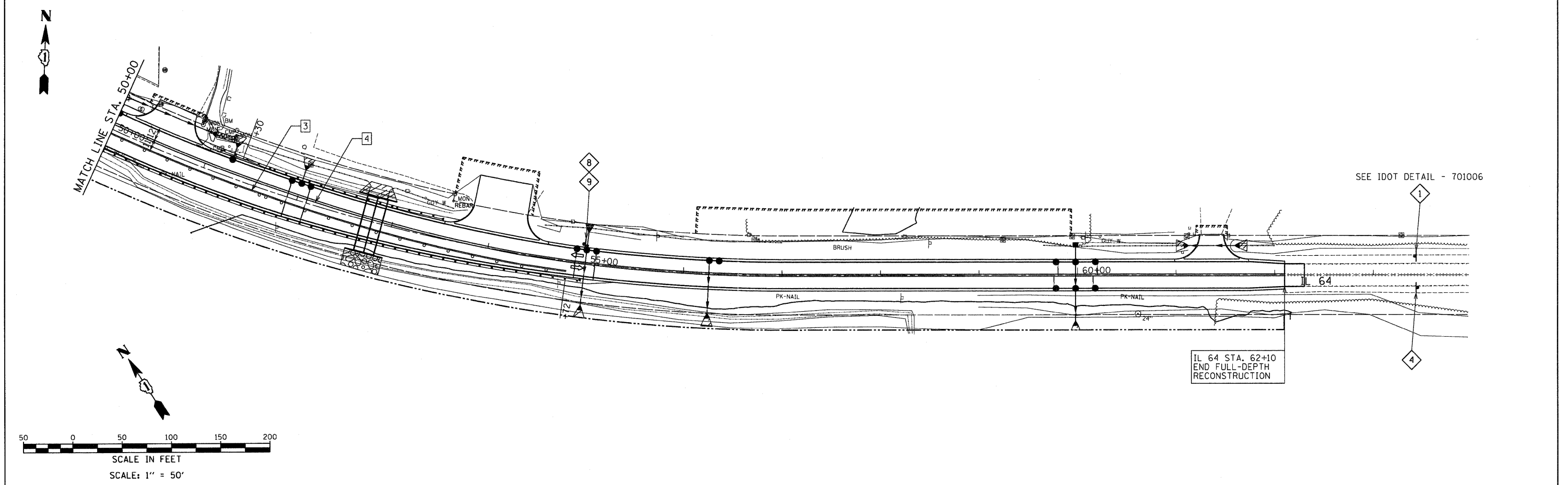
1. IDOT SHALL BE NOTIFIED 72 HOURS PRIOR TO PUTTING THE DETOUR IN EFFECT AND IMMEDIATELY AFTER THE DETOUR HAS BEEN REMOVED.
 2. KANE COUNTY AND THE ELBURB/COUNTRYSIDE FIRE PROTECTION DISTRICTS SHALL BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO PLACING DETOUR POSTING.
 3. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL TEMPORARY SIGN SUPPORTS. AFTER REMOVING THE SUPPORTS, THE CONTRACTOR SHALL FILL HOLES (IF ANY) AND RESTORE THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION. PLACING OF GRAVEL, SOD, OR SEED SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL & PROTECTION, (SPECIAL)".
 4. ALL SIGNS, SUPPORTS AND POSITIONING SHALL BE IN ACCORDANCE WITH THE 'ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION' AND HIGHWAY STANDARDS.
 5. ALL WARNING SIGNS IN TEMPORARY TRAFFIC CONTROL ZONES SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND, UNLESS OTHERWISE NOTED.
 6. ALL EXISTING SIGNS THAT CONFLICT WITH THE DETOUR SHALL BE REMOVED OR COVERED.
 7. EACH TYPE III BARRICADE SHALL BE EQUIPPED WITH TWO FLASHING AMBER LIGHTS.
 8. THE CONTRACTOR SHALL ERECT THE 'THIS ROAD WILL BE CLOSED...' SIGN AT LEAST ONE WEEK IN ADVANCE OF THE CLOSURE.
 9. ALL ENTRANCES ON CLOSED IL 64 MUST BE OPEN FOR TRAFFIC DURING THE ENTIRE CONSTRUCTION PERIOD. STONE FOR TEMPORARY ACCESS SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE) OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
- * IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

DETOUR PLAN
N.T.S.

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS STAGE 2 DETOUR PLAN - SOUTH LEG IL 47	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 41		
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		DATE - 09-01-2011	REVISED -									



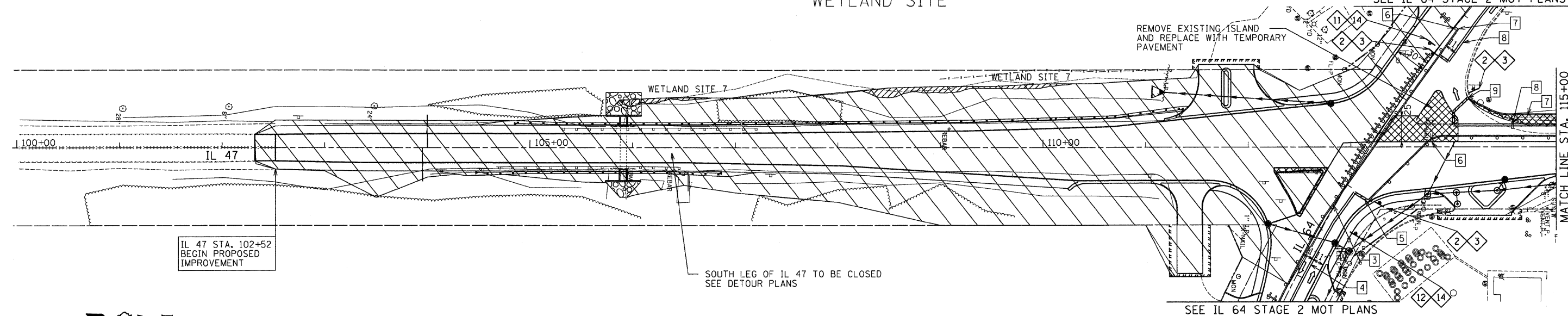
- MOT LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT, 10"
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
 - TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
 - SIGN
 - EXISTING PAVEMENT MARKING TO REMAIN
 - EXISTING PAVEMENT MARKING REMOVAL
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
 - STAGE CONSTRUCTION EDGE OF PAVEMENT
 - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
 - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
 - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE



FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED MOT PLANS - STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	[ILLINOIS] FED. AID PROJECT	

LILY LAKE INAI
WETLAND SITE

SEE IL 64 STAGE 2 MOT PLANS

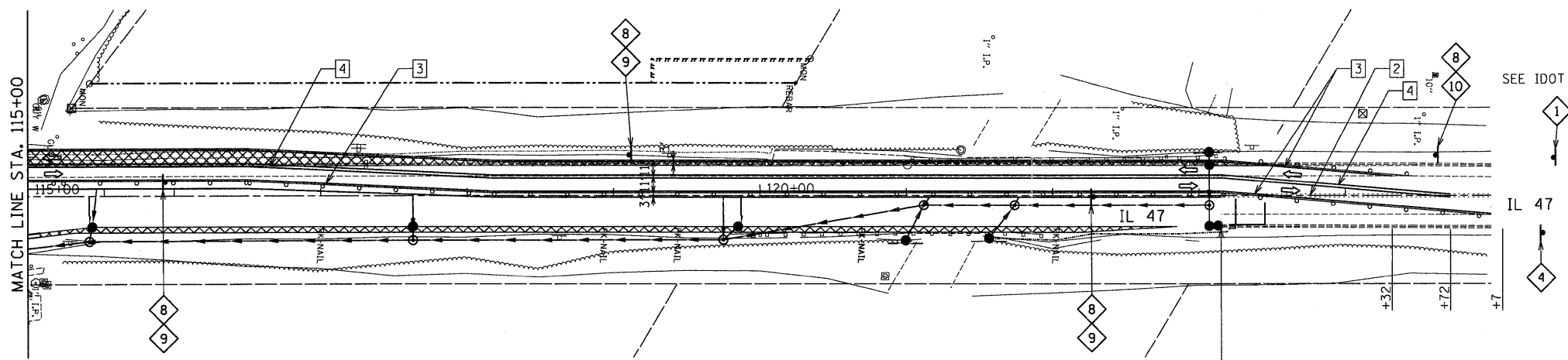
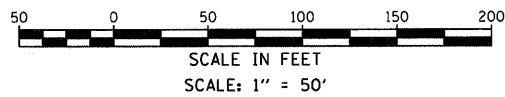


IL 47 STA. 102+52
BEGIN PROPOSED
IMPROVEMENT

SOUTH LEG OF IL 47 TO BE CLOSED
SEE DETOUR PLANS

SEE IL 64 STAGE 2 MOT PLANS

MATCH LINE STA. 115+00



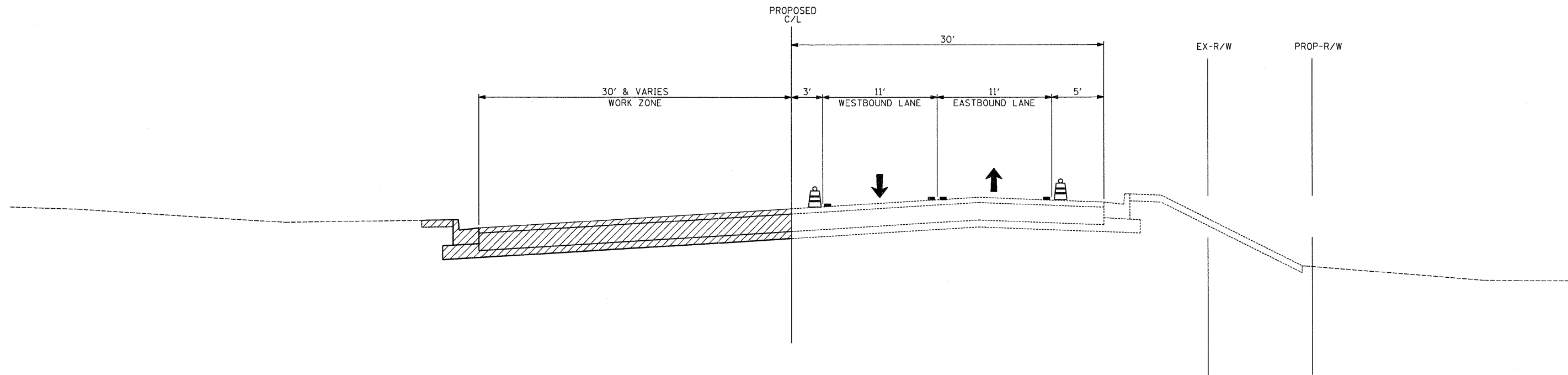
SEE IDOT DETAIL - 701006

IL 47 STA. 123+15
END PROPOSED
IMPROVEMENT

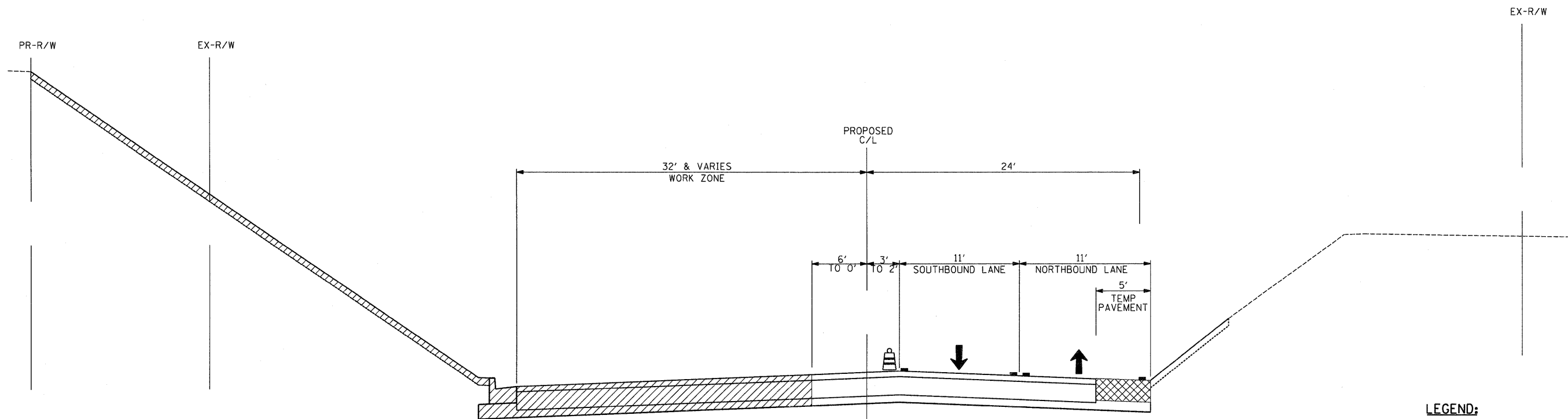
MOT LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT, 10"
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
- TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
- SIGN
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED MOT PLANS - STAGE 2	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 43			
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		DATE - 09-01-2011	REVISED -										



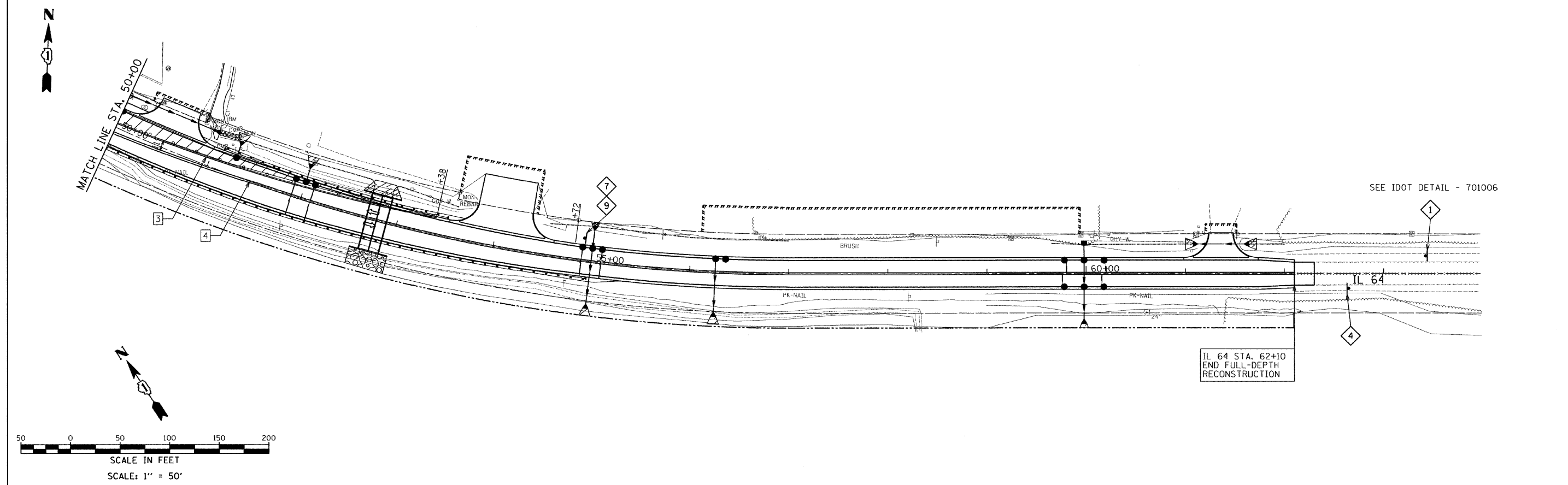
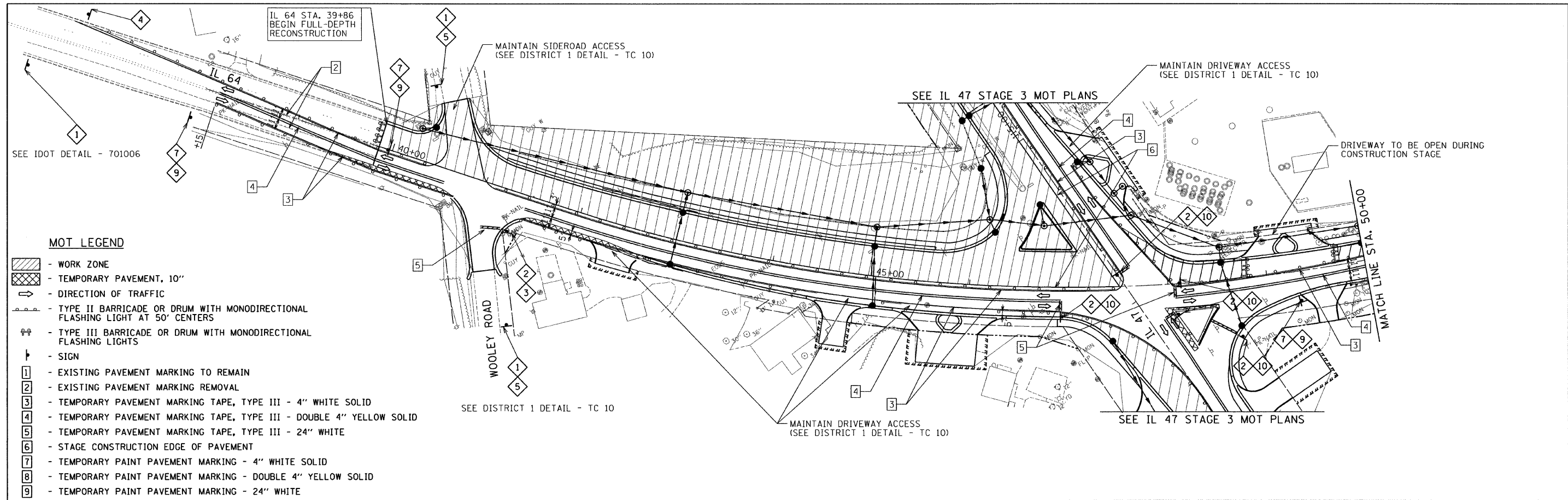
MOT - STAGE 3
IL 64
 STA. 39+86 TO STA. 47+51



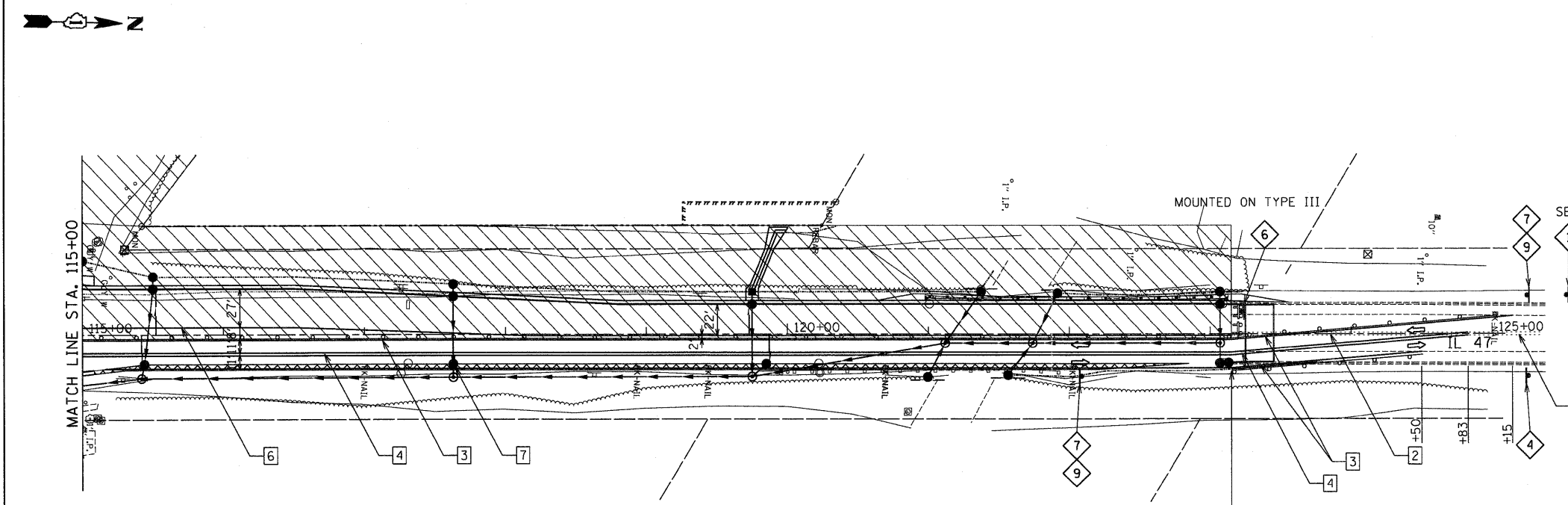
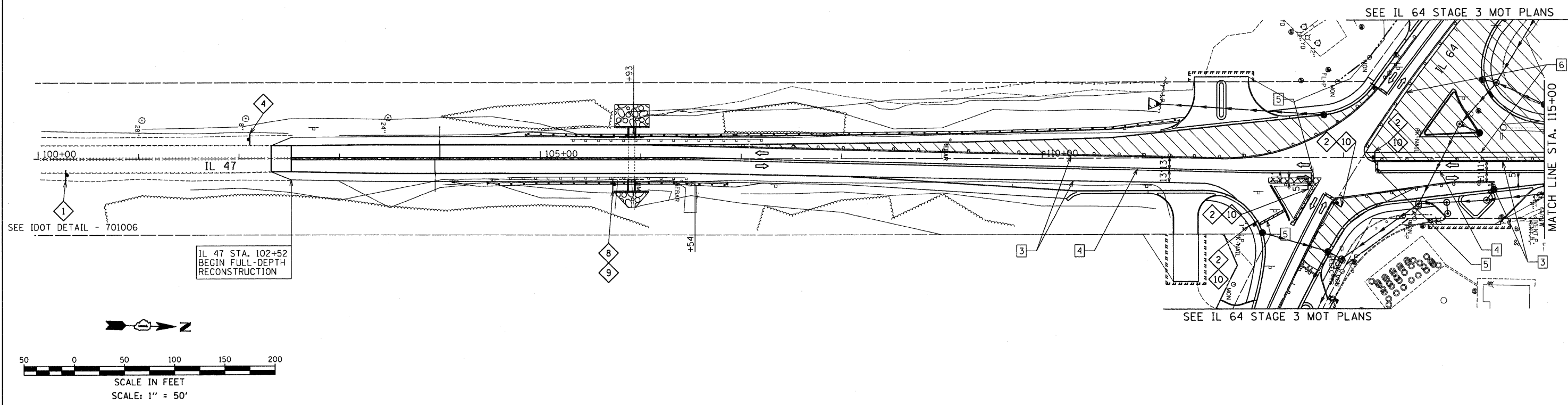
MOT - STAGE 3
IL 47
 STA. 113+22 TO STA. 123+15

- LEGEND:**
- CONSTRUCTION DURING STAGE
 - TEMPORARY PAVEMENT 10"
 - DRUM WITH MONODIRECTIONAL FLASHING LIGHT
 - DIRECTION OF TRAFFIC
 - PAVEMENT MARKING

FILE NAME = #FILE#	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED STAGE 3 MOT TYPICAL SECTIONS	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 44
	PLOT SCALE = 5,0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278				
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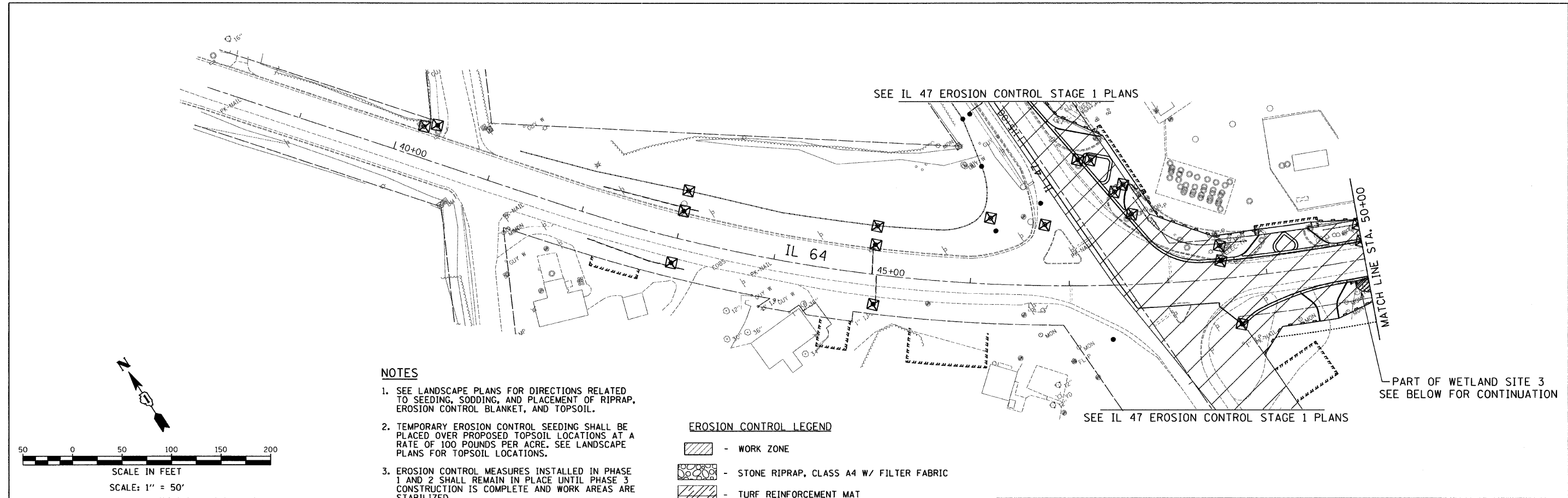


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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.				



- MOT LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT, 10"
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHT AT 50' CENTERS
 - TYPE III BARRICADE OR DRUM WITH MONODIRECTIONAL FLASHING LIGHTS
 - SIGN
 - EXISTING PAVEMENT MARKING TO REMAIN
 - EXISTING PAVEMENT MARKING REMOVAL
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" WHITE SOLID
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - DOUBLE 4" YELLOW SOLID
 - TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" WHITE
 - STAGE CONSTRUCTION EDGE OF PAVEMENT
 - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
 - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
 - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SUGGESTED MOT PLANS - STAGE 3	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 46		
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	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 09-01-2011	REVISED -									

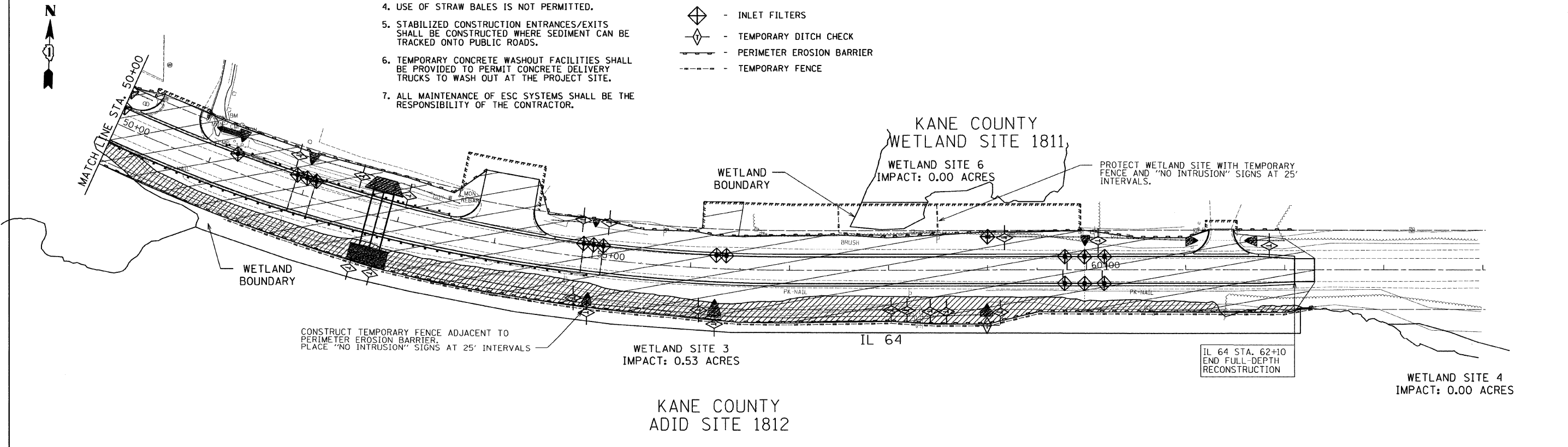
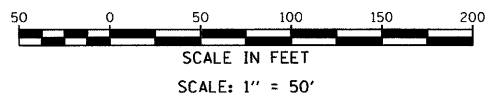


NOTES

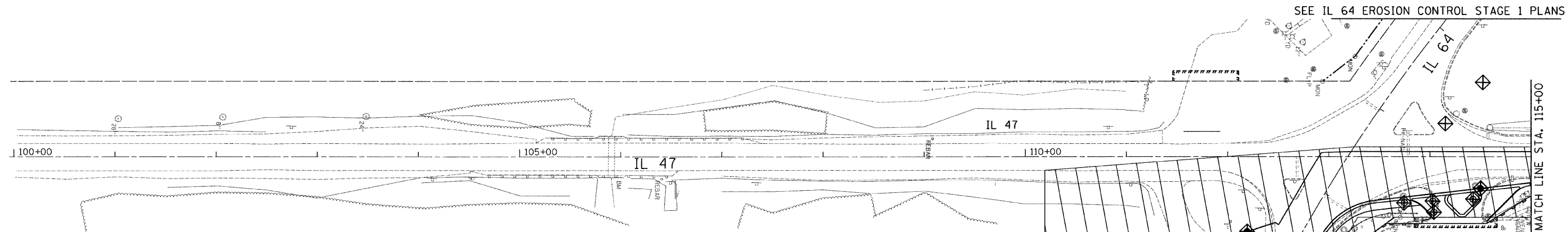
1. SEE LANDSCAPE PLANS FOR DIRECTIONS RELATED TO SEEDING, SODDING, AND PLACEMENT OF RIPRAP, EROSION CONTROL BLANKET, AND TOPSOIL.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE. SEE LANDSCAPE PLANS FOR TOPSOIL LOCATIONS.
3. EROSION CONTROL MEASURES INSTALLED IN PHASE 1 AND 2 SHALL REMAIN IN PLACE UNTIL PHASE 3 CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.
4. USE OF STRAW BALES IS NOT PERMITTED.
5. STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE CONSTRUCTED WHERE SEDIMENT CAN BE TRACKED ONTO PUBLIC ROADS.
6. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE PROVIDED TO PERMIT CONCRETE DELIVERY TRUCKS TO WASH OUT AT THE PROJECT SITE.
7. ALL MAINTENANCE OF ESC SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

EROSION CONTROL LEGEND

- WORK ZONE
- STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
- TURF REINFORCEMENT MAT
- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE



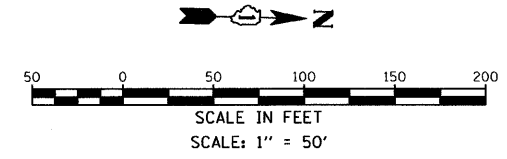
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	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	47
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -		SCALE: 50	SHEET NO. 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



SEE IL 64 EROSION CONTROL STAGE 1 PLANS

MATCH LINE STA. 115+00








SEE IL 64 EROSION CONTROL STAGE 1 PLANS

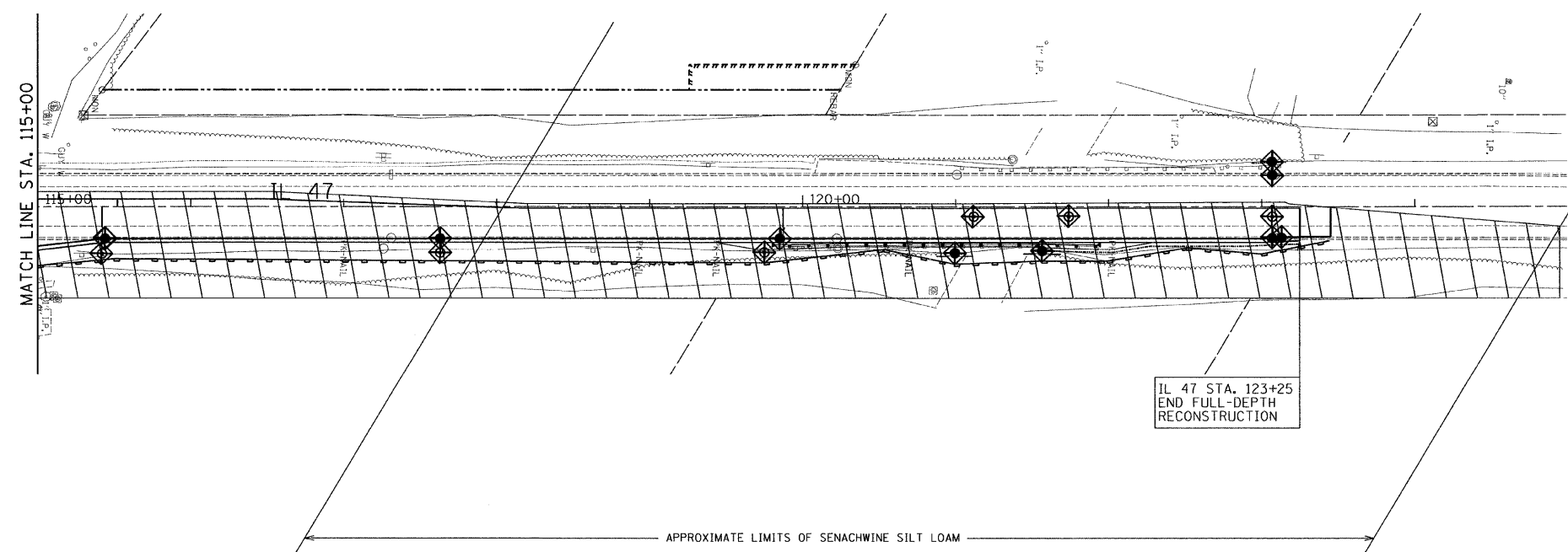
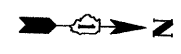


NOTES

1. SEE LANDSCAPE PLANS FOR DIRECTIONS RELATED TO SEEDING, SODDING, AND PLACEMENT OF RIPRAP, EROSION CONTROL BLANKET, AND TOPSOIL.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE. SEE LANDSCAPE PLANS FOR TOPSOIL LOCATIONS.
3. EROSION CONTROL MEASURES INSTALLED IN PHASE 1 AND 2 SHALL REMAIN IN PLACE UNTIL PHASE 3 CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.
4. USE OF STRAW BALES IS NOT PERMITTED.
5. STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE CONSTRUCTED WHERE SEDIMENT CAN BE TRACKED ONTO PUBLIC ROADS.
6. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE PROVIDED TO PERMIT CONCRETE DELIVERY TRUCKS TO WASH OUT AT THE PROJECT SITE.
7. ALL MAINTENANCE OF ESC SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

EROSION CONTROL LEGEND

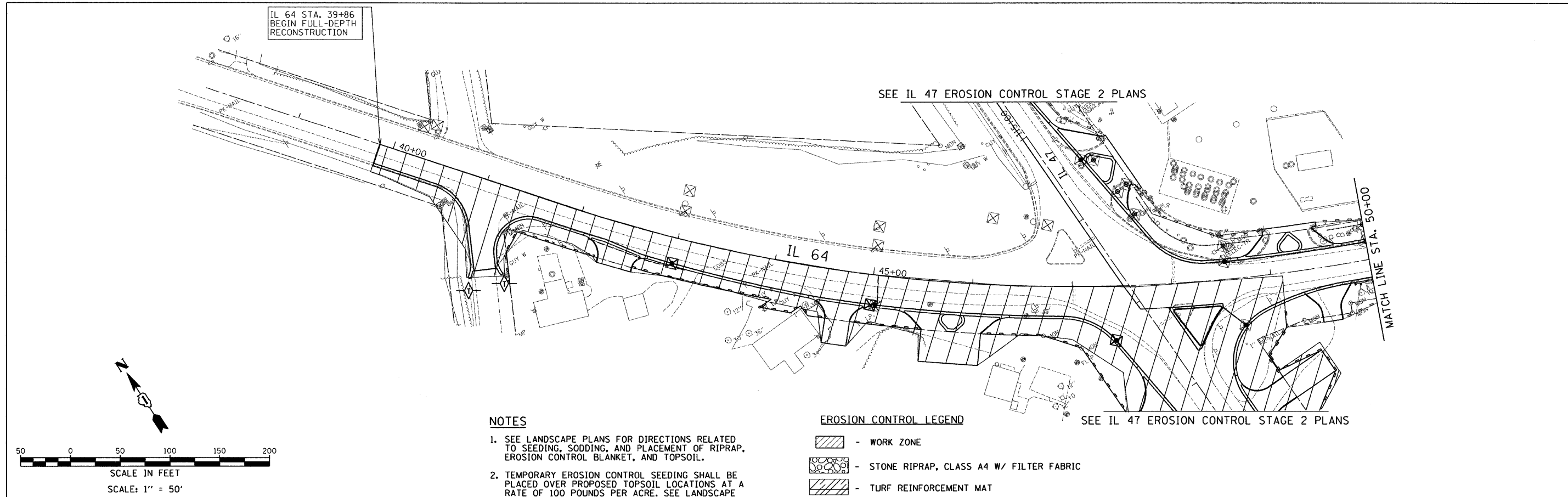
-  - WORK ZONE
-  - STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
-  - TURF REINFORCEMENT MAT
-  - INLET FILTERS
-  - TEMPORARY DITCH CHECK
-  - PERIMETER EROSION BARRIER
-  - TEMPORARY FENCE



IL 47 STA. 123+25
END FULL-DEPTH
RECONSTRUCTION

APPROXIMATE LIMITS OF SENACHWINE SILT LOAM

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS EROSION CONTROL PLANS - STAGE 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	48	
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			SCALE: 50	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



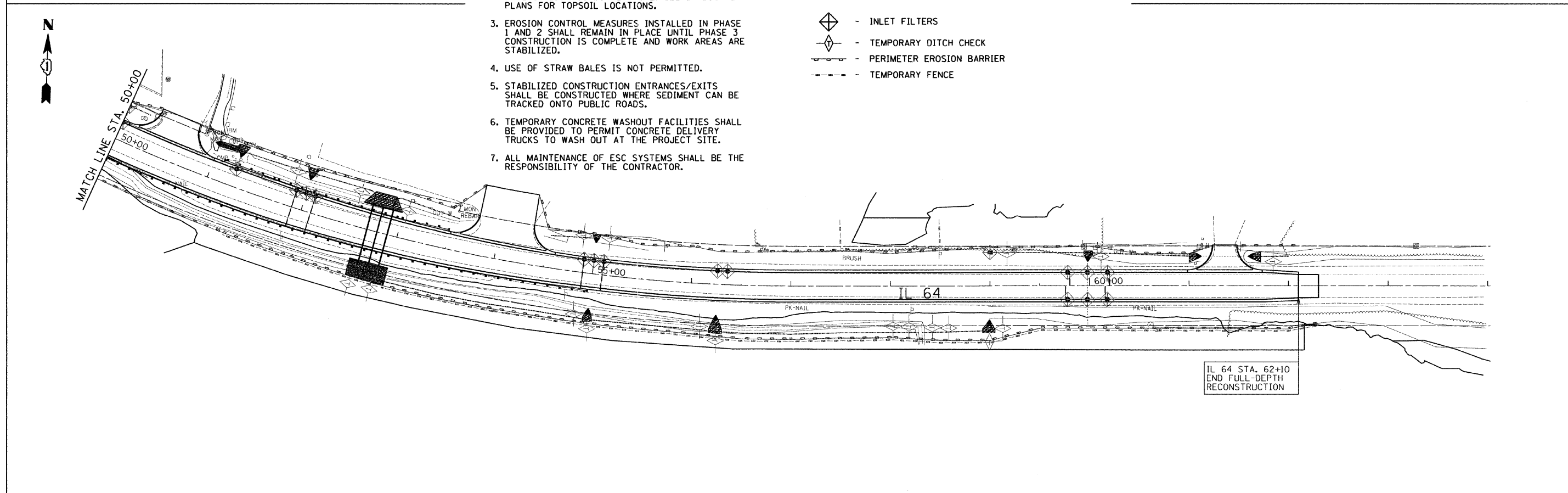
NOTES

1. SEE LANDSCAPE PLANS FOR DIRECTIONS RELATED TO SEEDING, SODDING, AND PLACEMENT OF RIPRAP, EROSION CONTROL BLANKET, AND TOPSOIL.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE. SEE LANDSCAPE PLANS FOR TOPSOIL LOCATIONS.
3. EROSION CONTROL MEASURES INSTALLED IN PHASE 1 AND 2 SHALL REMAIN IN PLACE UNTIL PHASE 3 CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.
4. USE OF STRAW BALES IS NOT PERMITTED.
5. STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE CONSTRUCTED WHERE SEDIMENT CAN BE TRACKED ONTO PUBLIC ROADS.
6. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE PROVIDED TO PERMIT CONCRETE DELIVERY TRUCKS TO WASH OUT AT THE PROJECT SITE.
7. ALL MAINTENANCE OF ESC SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

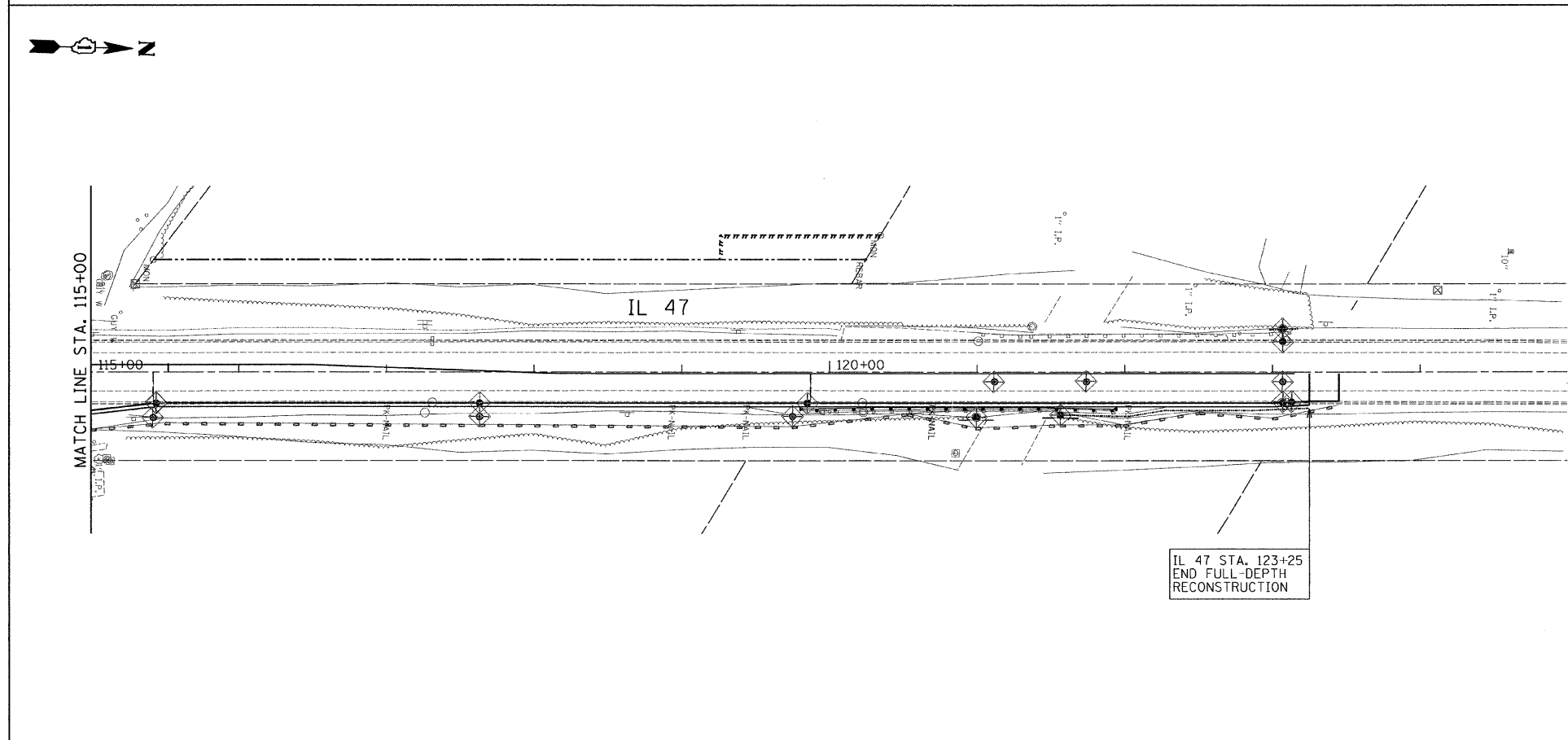
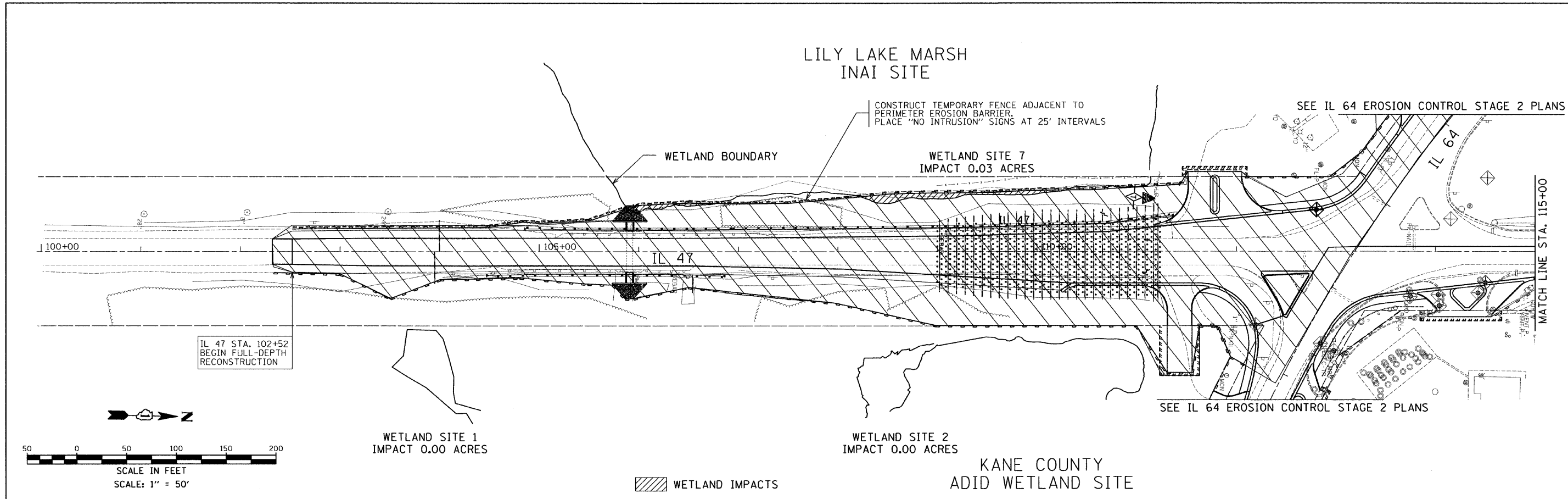
EROSION CONTROL LEGEND

- WORK ZONE
- STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
- TURF REINFORCEMENT MAT
- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE

SEE IL 47 EROSION CONTROL STAGE 2 PLANS



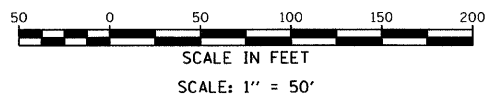
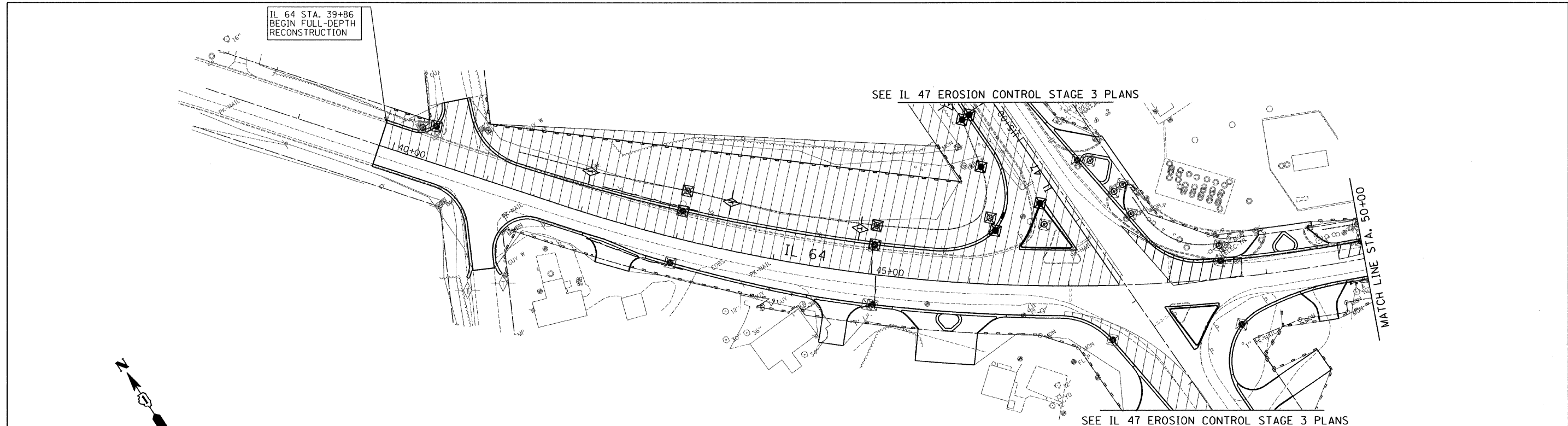
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#FILE#	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	49	
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 50	SHEET NO. 1 OF 2 SHEETS		STA.	TO STA.		



- NOTES**
1. SEE LANDSCAPE PLANS FOR DIRECTIONS RELATED TO SEEDING, SODDING, AND PLACEMENT OF RIPRAP, EROSION CONTROL BLANKET, AND TOPSOIL.
 2. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE. SEE LANDSCAPE PLANS FOR TOPSOIL LOCATIONS.
 3. EROSION CONTROL MEASURES INSTALLED IN PHASE 1 AND 2 SHALL REMAIN IN PLACE UNTIL PHASE 3 CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.
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 5. STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE CONSTRUCTED WHERE SEDIMENT CAN BE TRACKED ONTO PUBLIC ROADS.
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 7. ALL MAINTENANCE OF ECS SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- EROSION CONTROL LEGEND**
- WORK ZONE
 - STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
 - TURF REINFORCEMENT MAT
 - INLET FILTERS
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - TEMPORARY FENCE

FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS EROSION CONTROL PLANS - STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	50	
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
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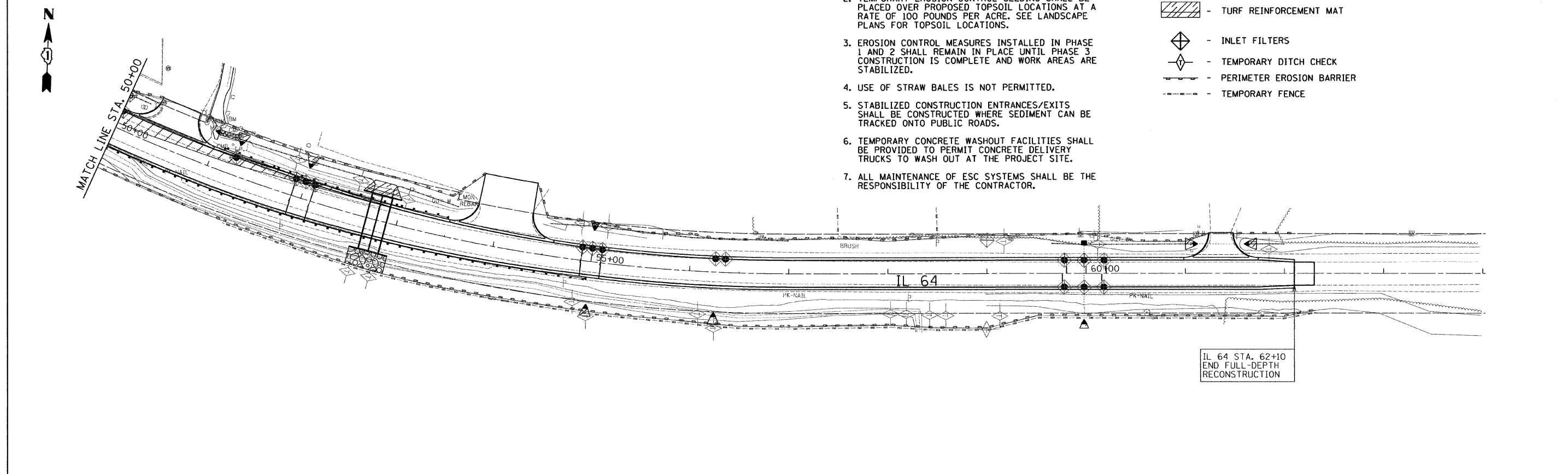


NOTES

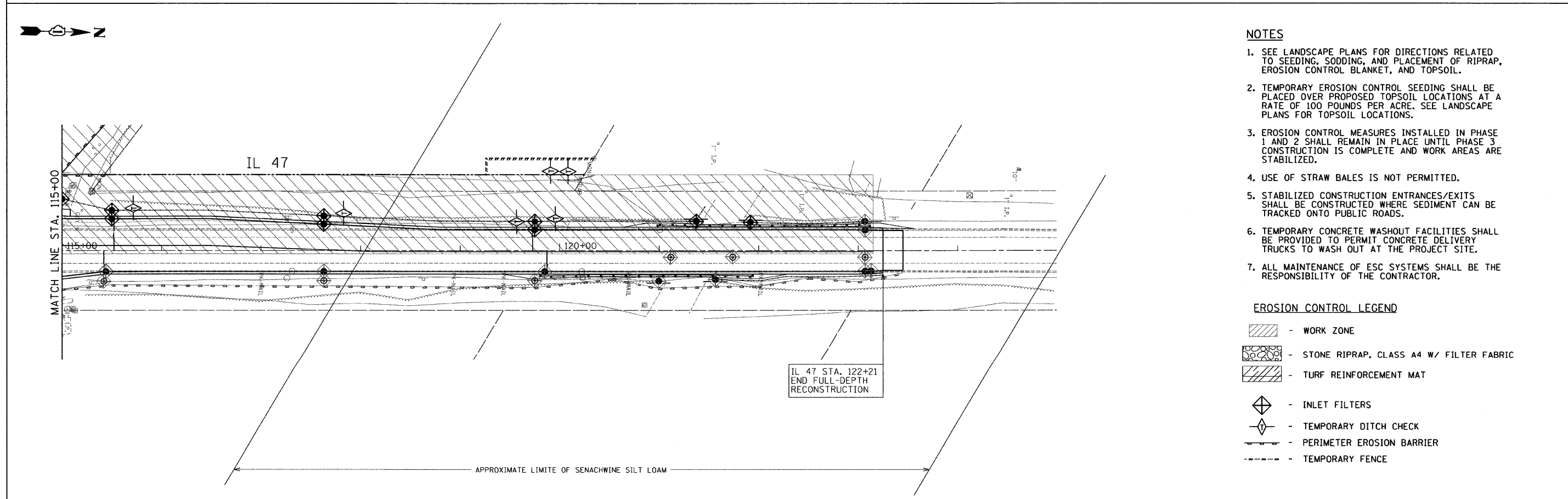
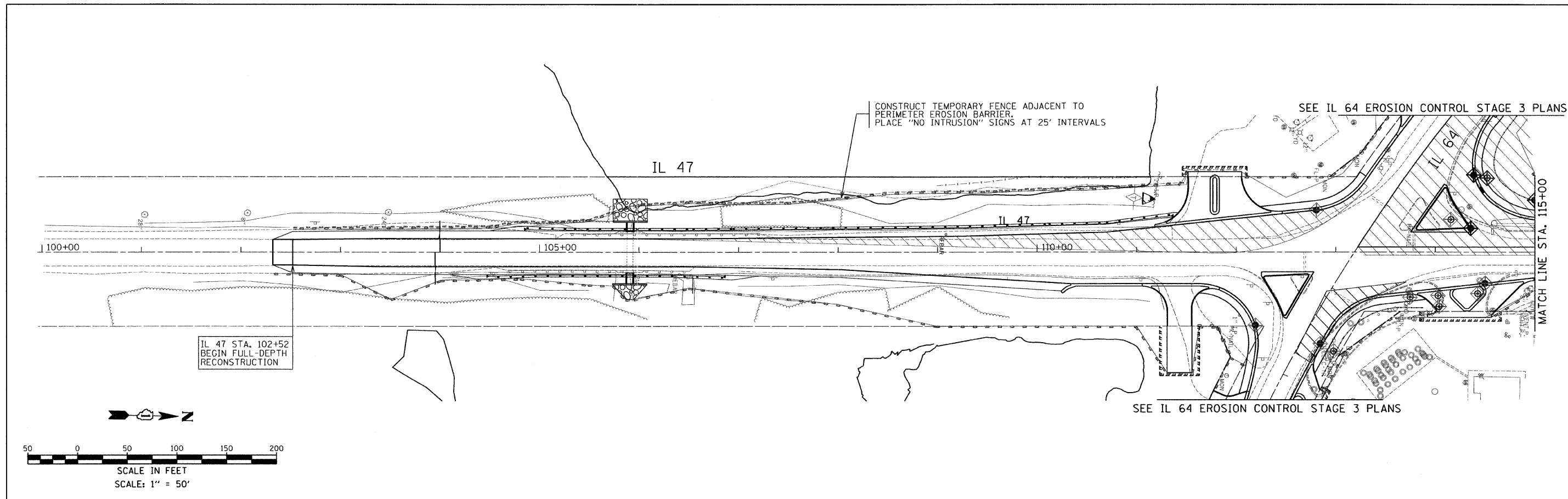
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EROSION CONTROL LEGEND

- WORK ZONE
- STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
- TURF REINFORCEMENT MAT
- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE



FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS EROSION CONTROL PLANS - STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	51
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	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.			



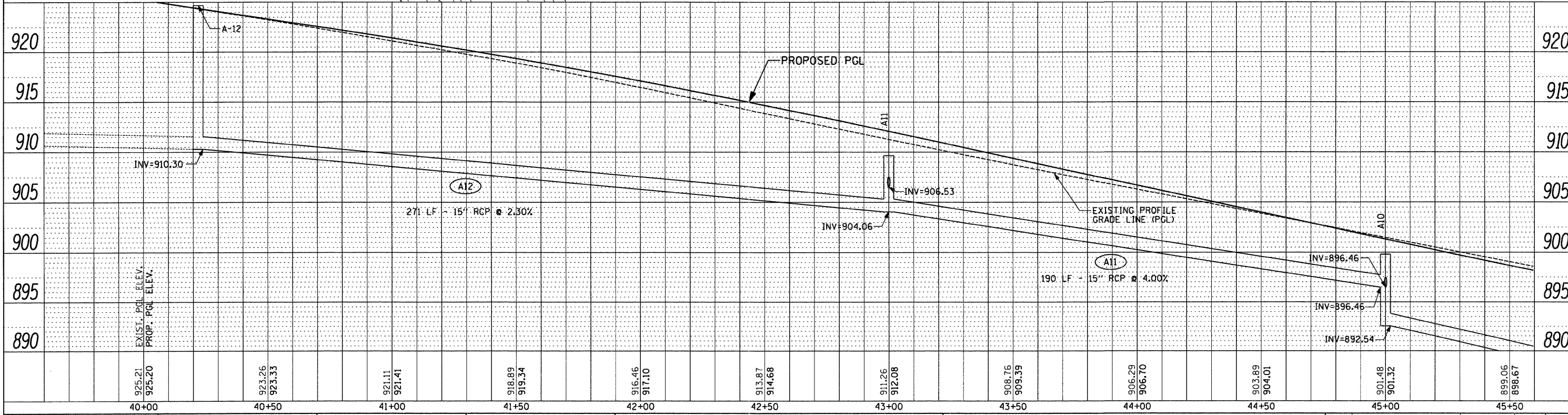
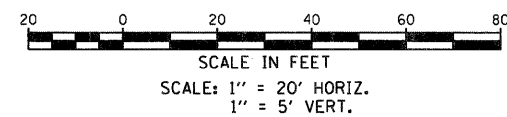
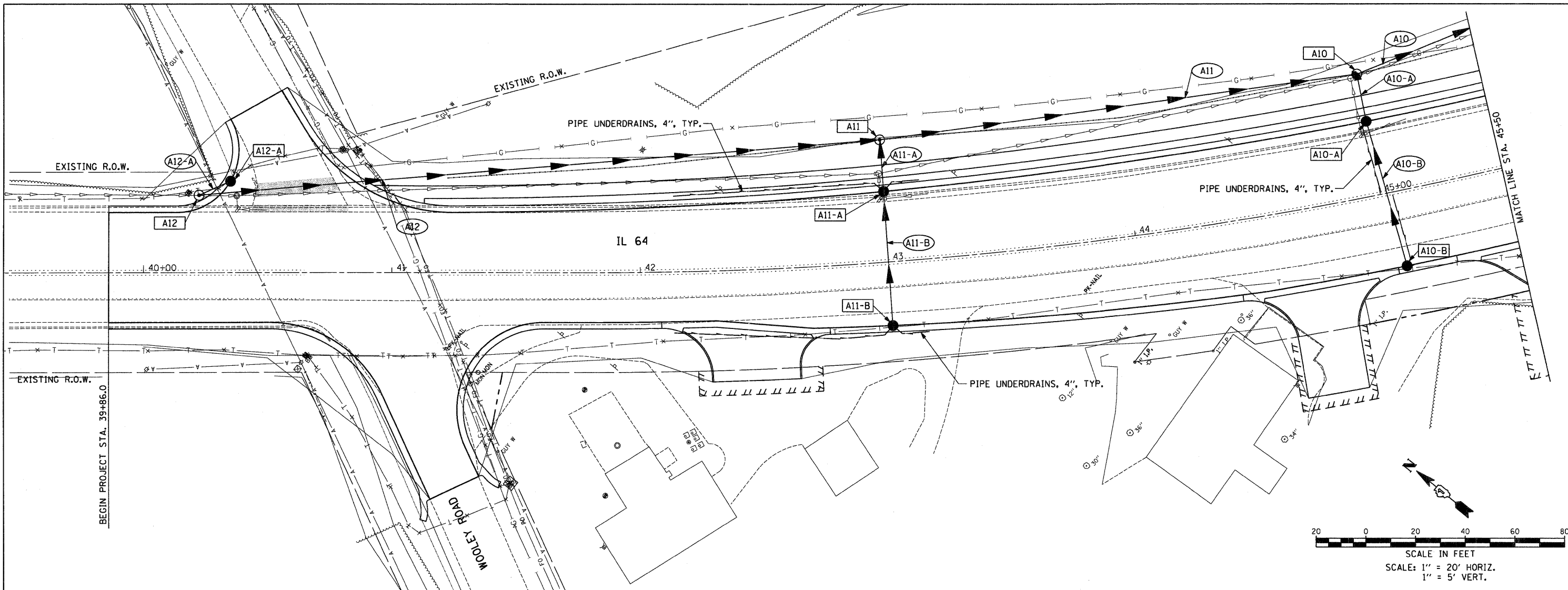
- NOTES**
- SEE LANDSCAPE PLANS FOR DIRECTIONS RELATED TO SEEDING, SODDING, AND PLACEMENT OF RIPRAP, EROSION CONTROL BLANKET, AND TOPSOIL.
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 - STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
 - TURF REINFORCEMENT MAT
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FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS EROSION CONTROL PLANS - STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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					SCALE: 50	SHEET NO. 2 OF 2 SHEETS STA.			TO STA.		

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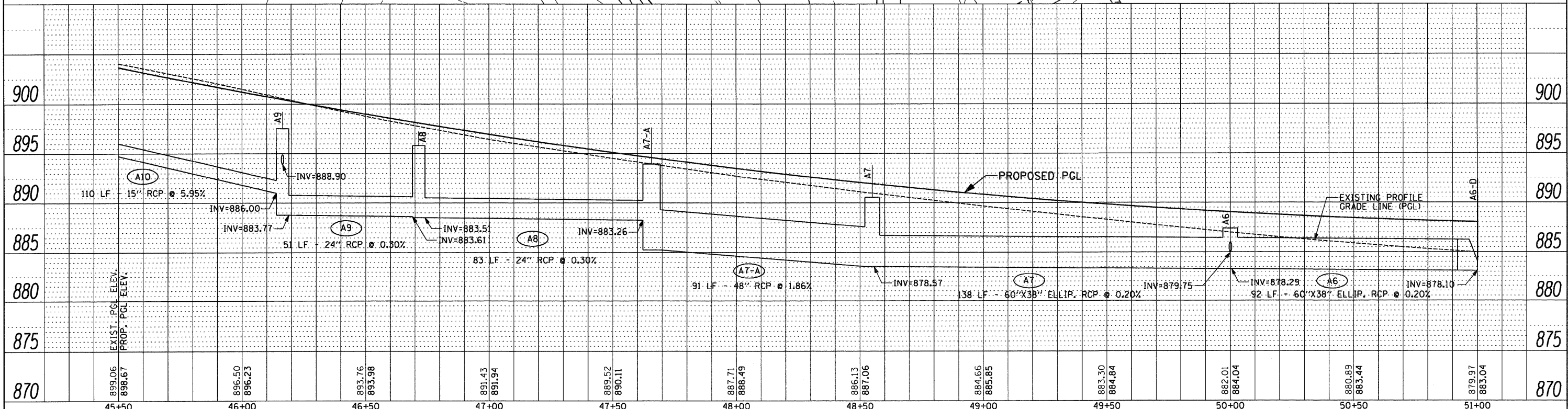
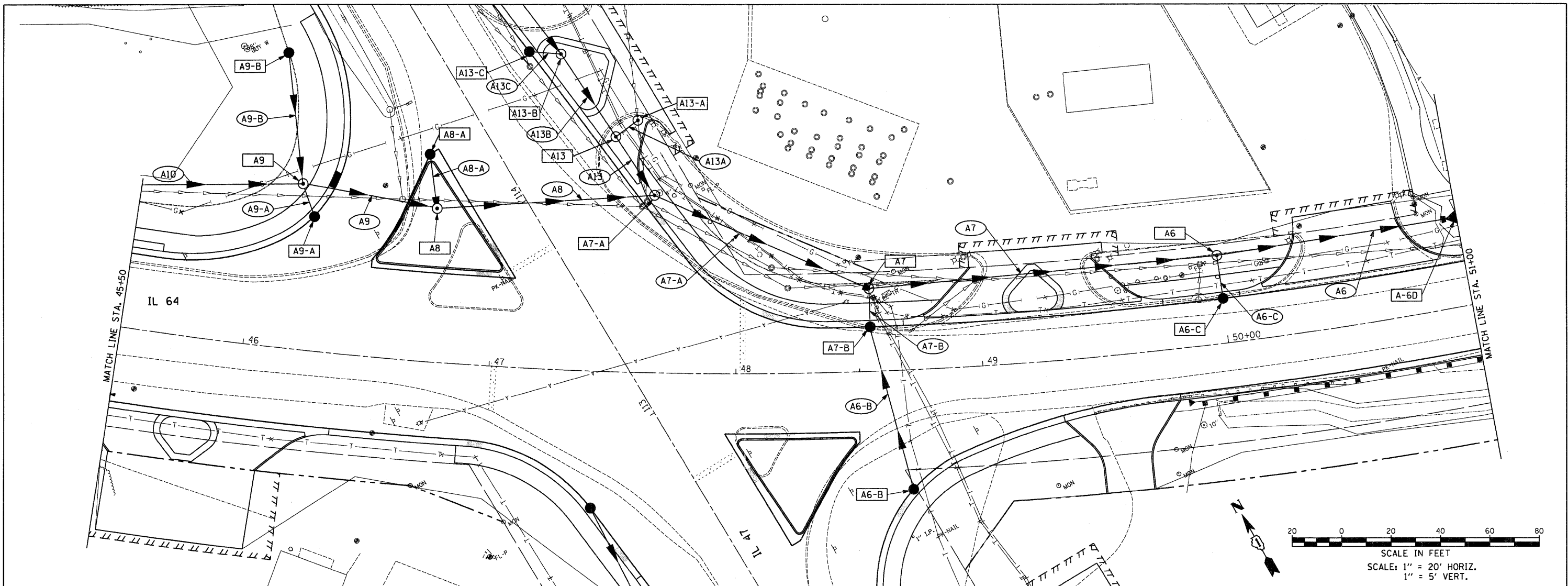
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FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS DRAINAGE PLAN & PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - 09-01-2011	REVISED -			CONTRACT NO. 62278 [ILLINOIS] FED. AID PROJECT					

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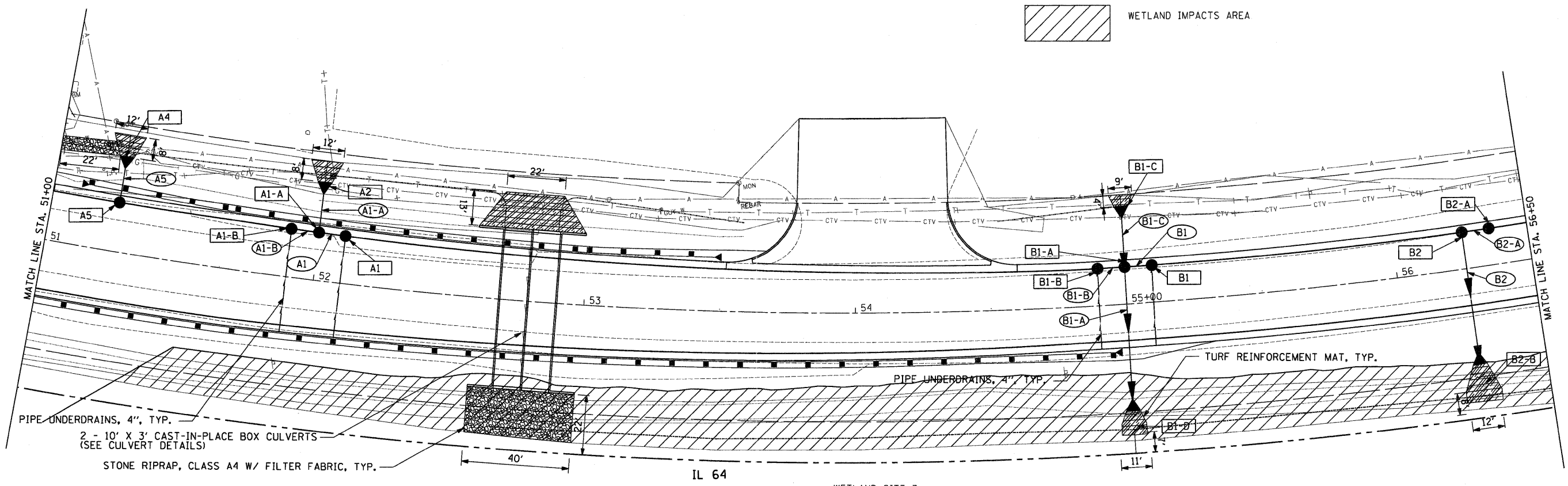
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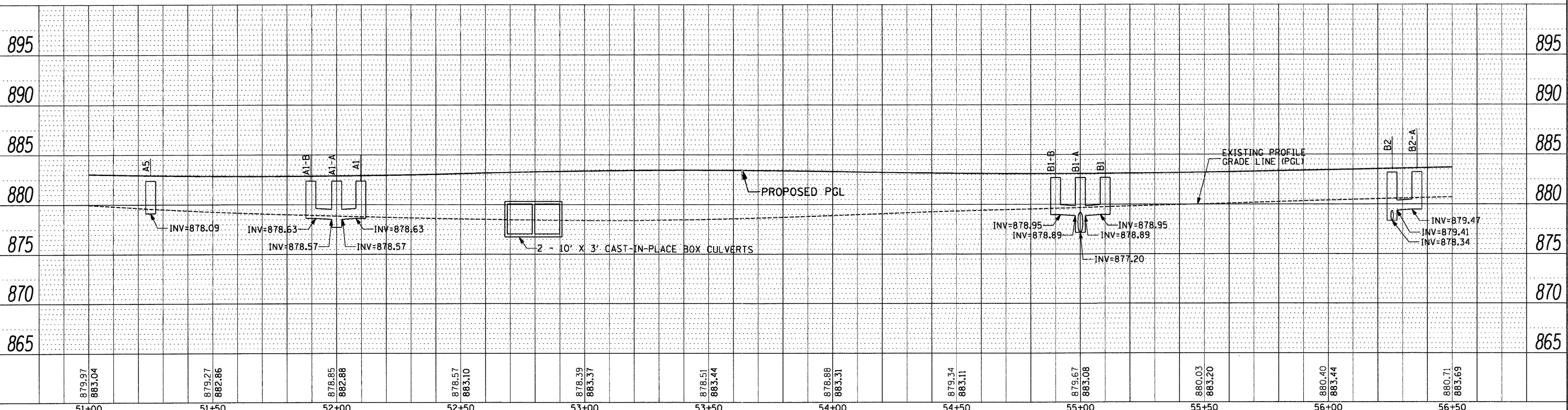
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	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -								
		DATE - 09-01-2011	REVISED -								

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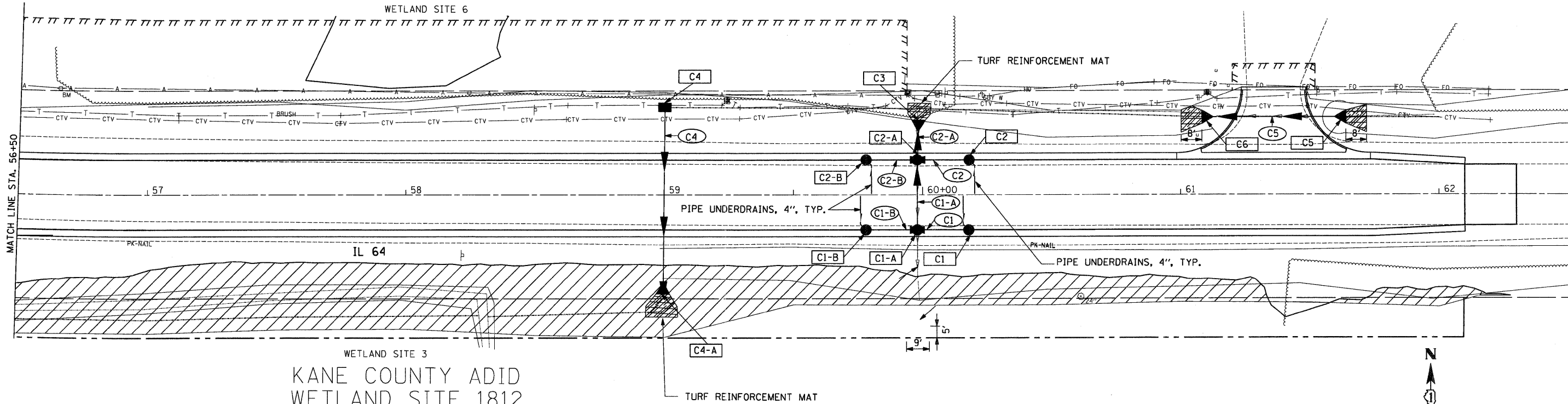
WETLAND SITE 3
KANE COUNTY ADID
WETLAND SITE 1812



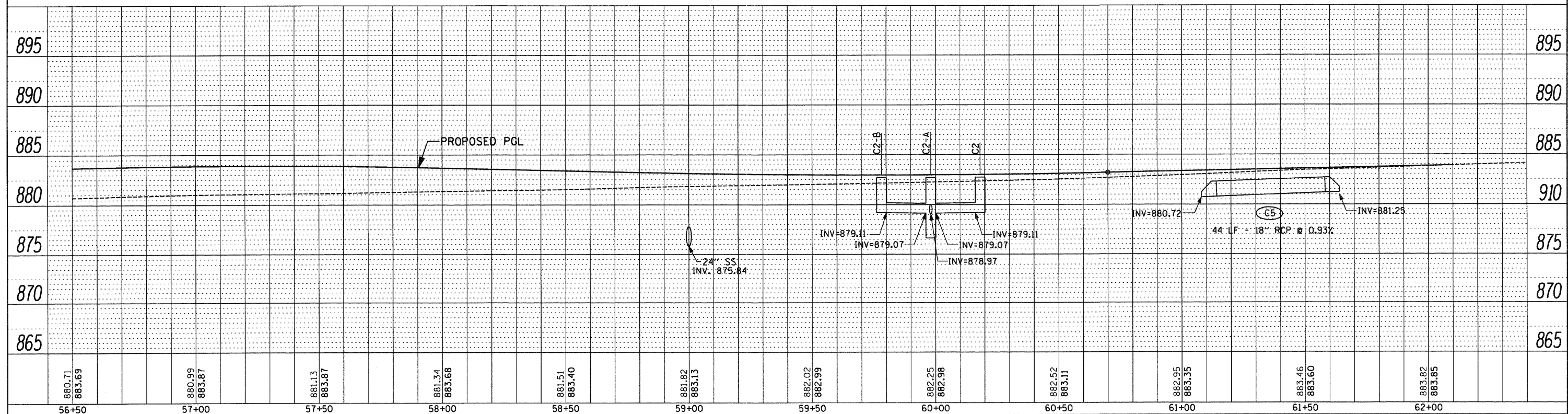
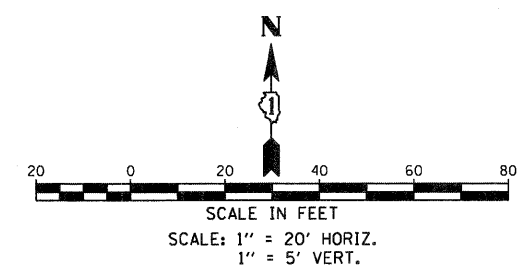
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		DATE - 09-01-2011	REVISED -			CONTRACT NO. 62278 [ILLINOIS] FED. AID PROJECT					

KANE COUNTY
WETLAND
SITE 1811

WETLAND SITE 6



WETLAND IMPACTED AREA



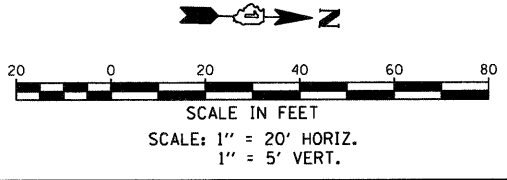
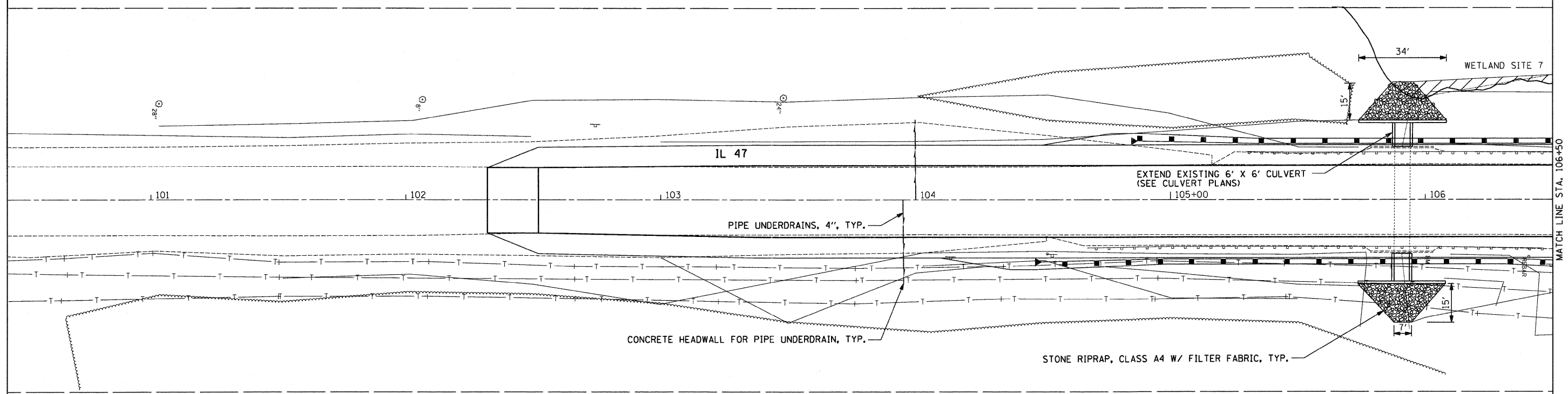
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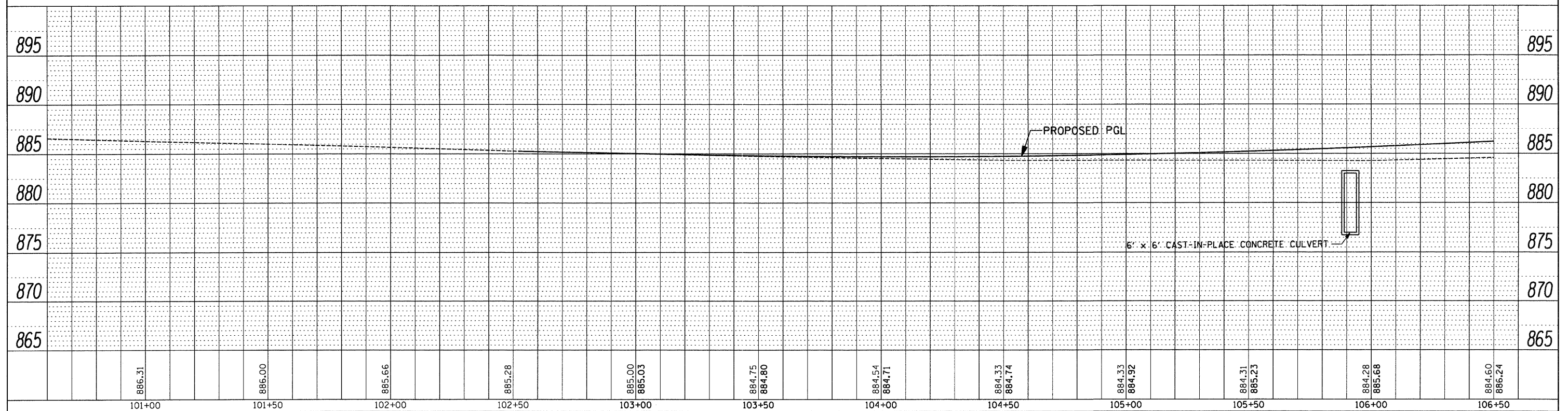
LILY LAKE INAI
WETLAND SITE

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WETLAND IMPACTS AREA

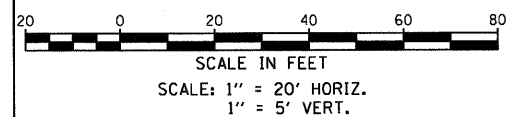
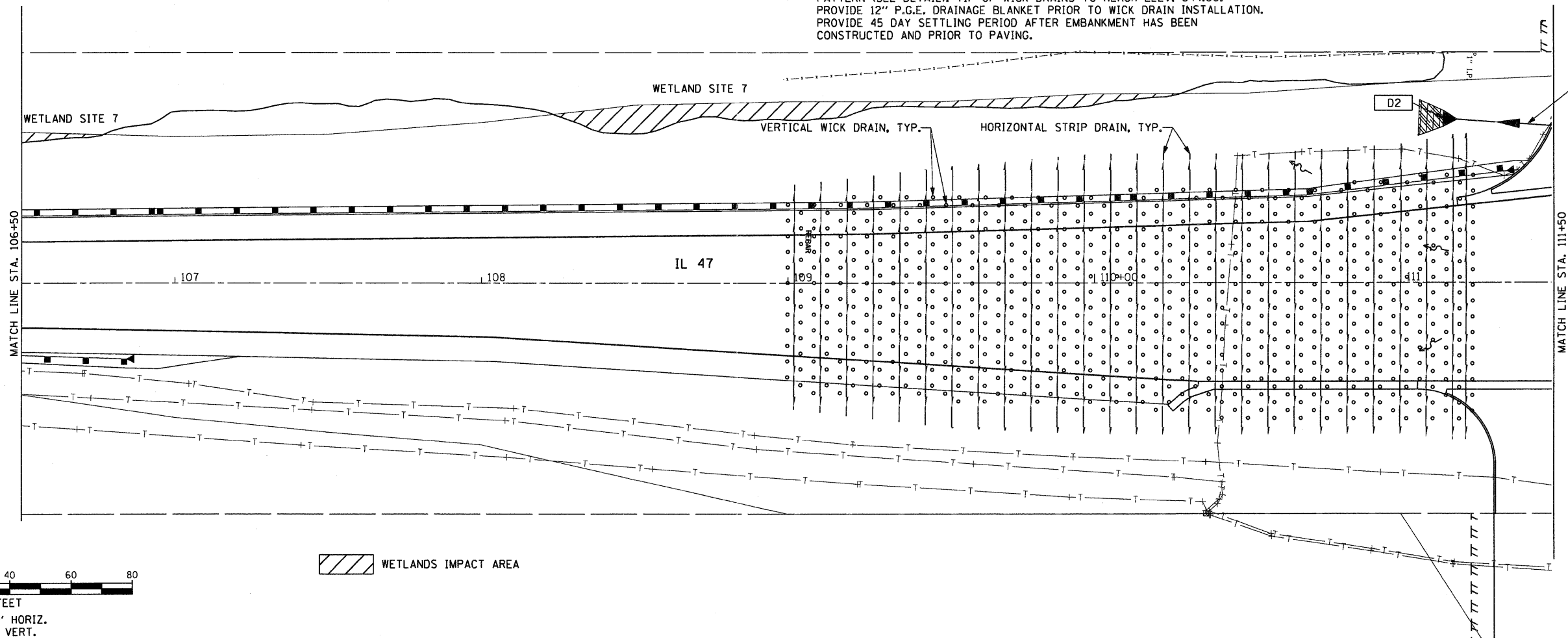
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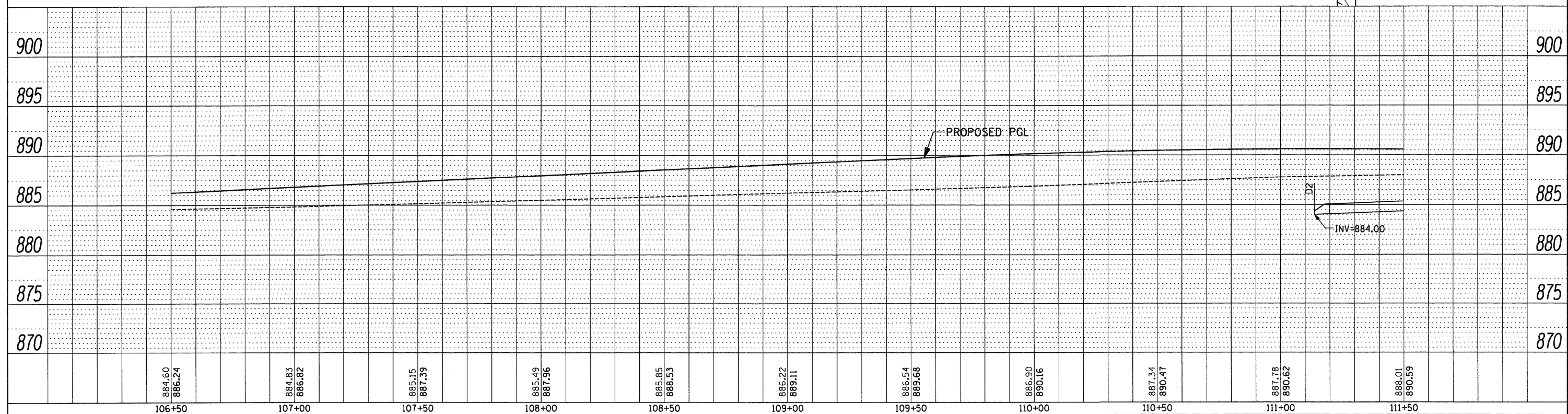
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	PLLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -				CONTRACT NO. 62278				
PLLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -	SCALE: 1" = 20' SHEET NO. 5 OF 8 SHEETS STA. 102+52 TO STA. 106+50 ILLINOIS FED. AID PROJECT								

LILY LAKE INAI WETLAND SITE

WICK DRAIN NOTES:
 SEE TYPICAL SECTIONS, CROSS SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION. PROVIDE WICK DRAINS FROM STA. 109+00 TO 111+25, 10' LT & 10' RT OF PROPOSED AGGREGATE SUBGRADE. PROVIDE 5' EQUILATERAL TRIANGLE PATTERN (SEE DETAIL). TIP OF WICK DRAINS TO REACH ELEV. 844.00. PROVIDE 12" P.G.E. DRAINAGE BLANKET PRIOR TO WICK DRAIN INSTALLATION. PROVIDE 45 DAY SETTLING PERIOD AFTER EMBANKMENT HAS BEEN CONSTRUCTED AND PRIOR TO PAVING.



WETLANDS IMPACT AREA



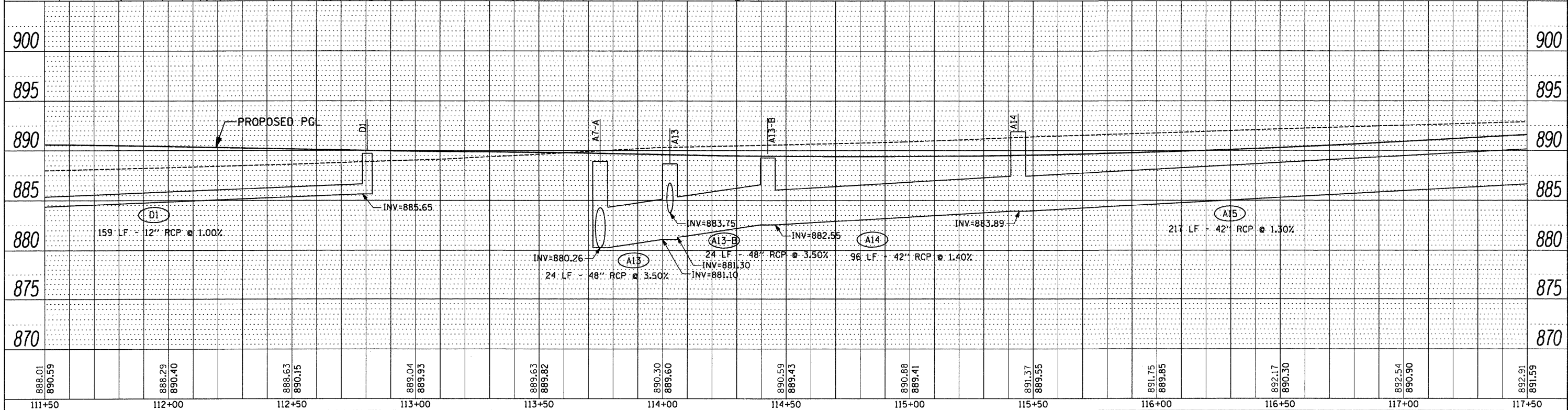
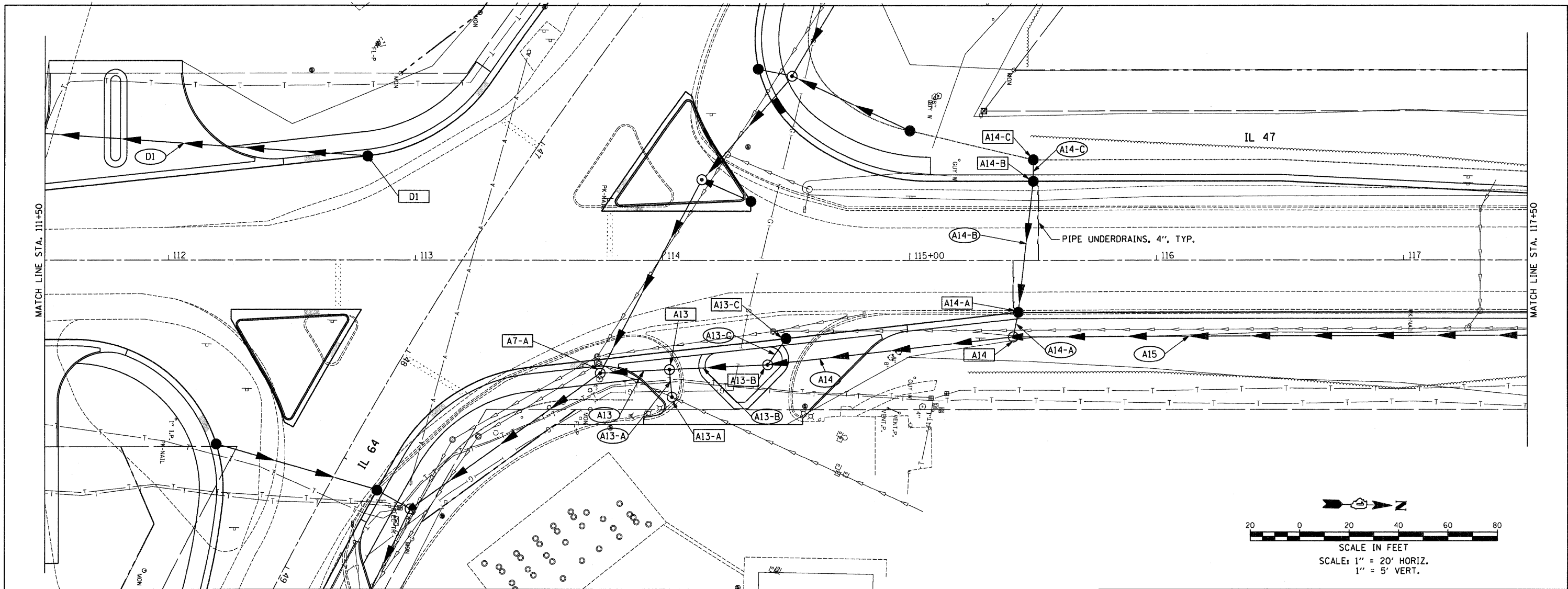
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FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS DRAINAGE PLAN & PROFILE	F.A.P. R.T.E. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 59		
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	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE - 09-01-2011	REVISED -									

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PLOT DATE = 9/1/2011

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

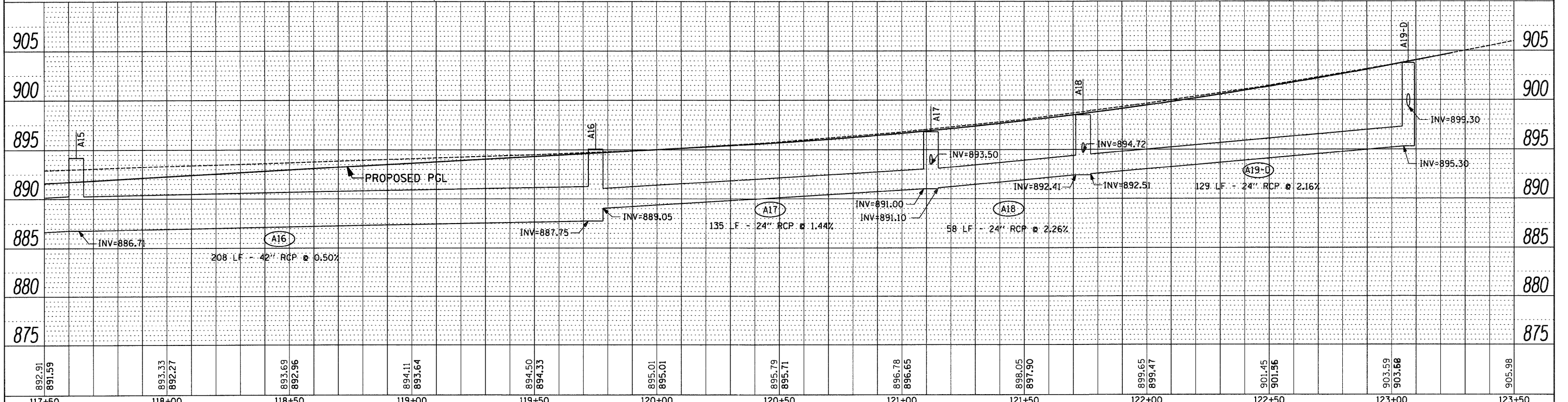
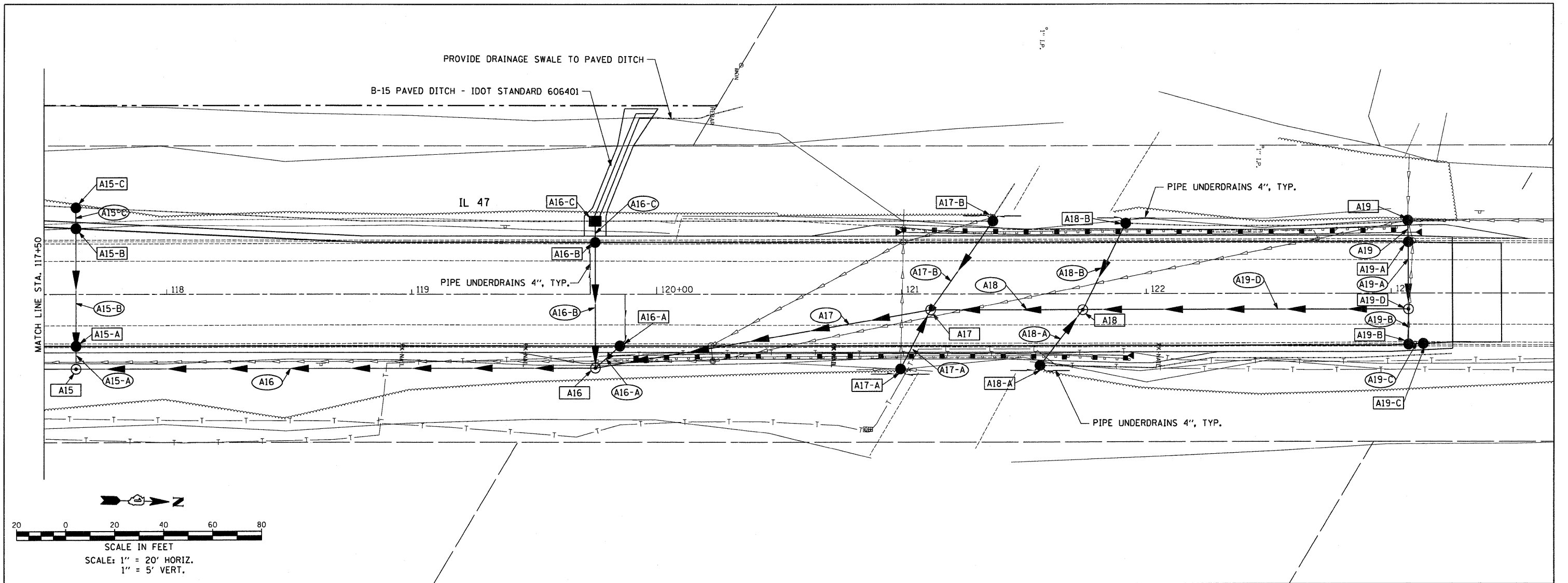
**IL 64 AT IL 47 INTERSECTION IMPROVEMENTS
DRAINAGE PLAN & PROFILE**

SCALE: 1" = 20'
SHEET NO. 7 OF 8 SHEETS
STA. 115+50 TO STA. 117+50

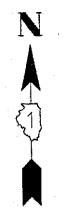
F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS NO. 156	SHEET NO. 60
CONTRACT NO. 62278			ILLINOIS FED. AID PROJECT	

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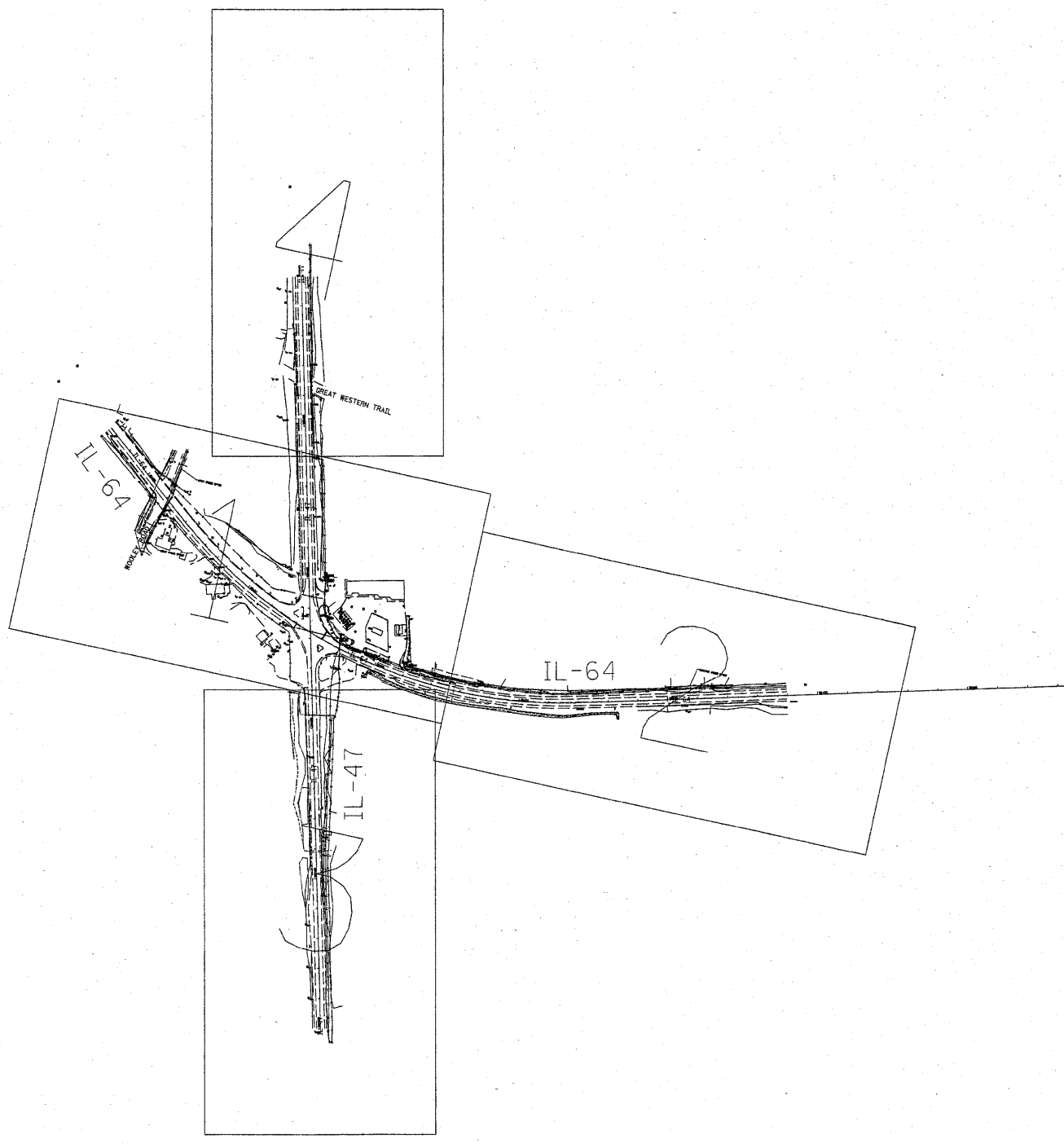
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	NO.	



FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS DRAINAGE PLAN & PROFILE		F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 61	
#FILE#	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 1" = 20'	SHEET NO. 8 OF 8 SHEETS	STA. 117+50 TO STA. 123+25	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -		CONTRACT NO. 62278							



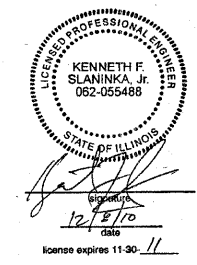
UTILITIES OWNERS	
COMED	= ELECTRIC
COMCAST	= CABLE TV
AT&T	= TELEPHONE
NICOR	= GAS



—A—A—A—	AERIAL UTILITY
- - - - -	UNKNOWN
—CTV—CTV—CTV—	CABLE TV
—T—T—T—	TELEPHONE
—G—G—G—	GAS
—E—E—E—	ELECTRIC
—W—W—W—	WATER
—FO—FO—FO—	FIBER OPTIC
—S—S—S—	SEWER
⊕	TBE TEST HOLE

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ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



TBE Job No. IL09510421
SUE Plan Page: Cover

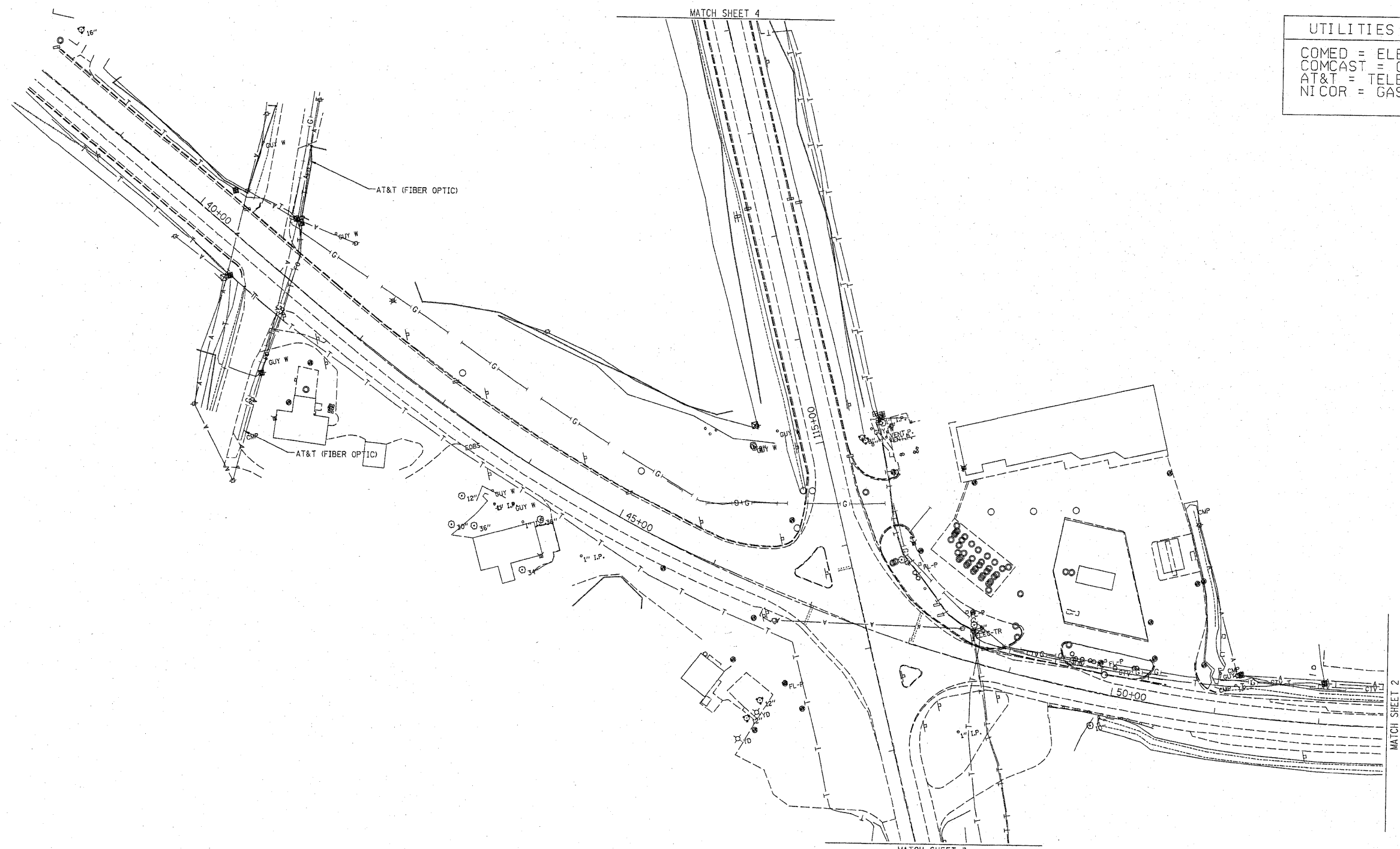
Utility Quality Level "A" : Test Hole
Utility Quality Level "B" : Designating
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED <i>EG</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>12/08/10</i>	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RT.64 at IL 47
Lily Lake, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26N-1	Kane	156	62
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	
			Contract No. 62278	



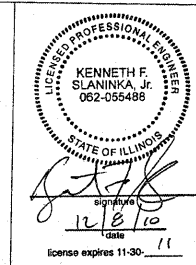
UTILITIES OWNERS
 COMED = ELECTRIC
 COMCAST = CABLE TV
 AT&T = TELEPHONE
 NICOR = GAS



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
- - - - -	SEWER
⊕	TBE TEST HOLE

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Utility Quality Level "A" : Test Hole
 Utility Quality Level "B" : Designating
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/06/10	REVISED	

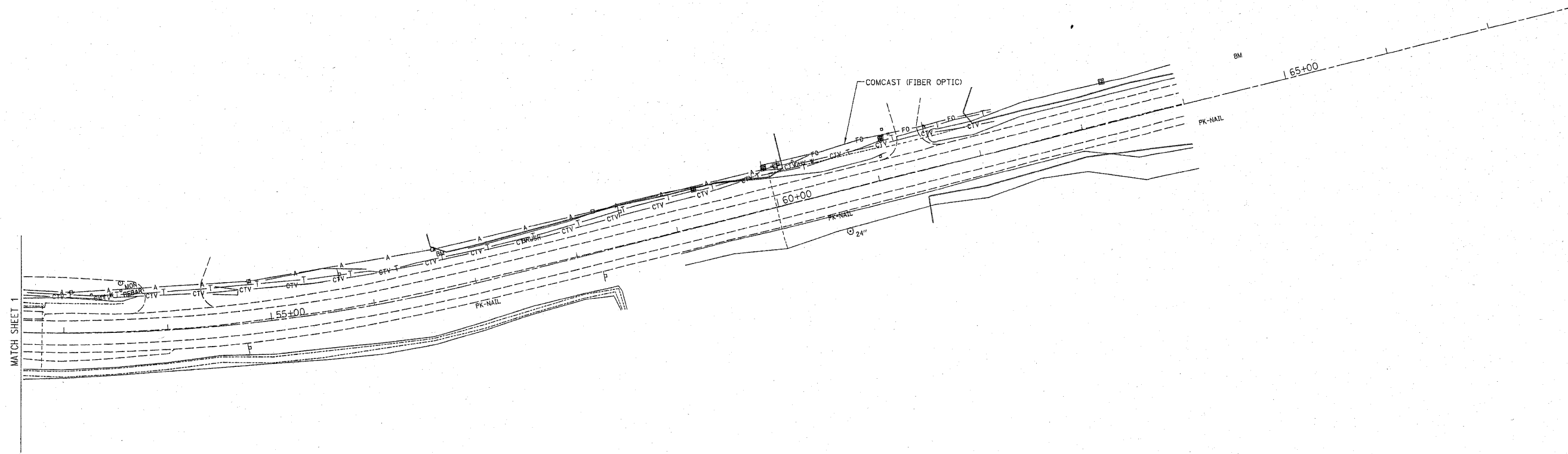
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



IL RT.64 at IL 47
 Lily Lake, IL

TBE Job No. IL09510421 SUE Plan Page: 1 of 4				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26N-1	Kane	155	63
Contract No. 62278				

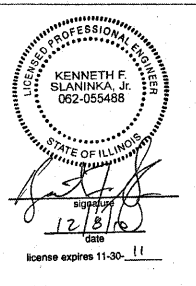
UTILITIES OWNERS
 COMED = ELECTRIC
 COMCAST = CABLE TV
 AT&T = TELEPHONE
 NICOR = GAS



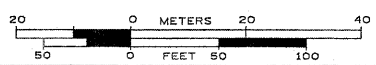
— A — A —	AERIAL UTILITY
-----	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510421
 SUE Plan Page: 2 of 4



Utility Quality Level "A" : Test Hole
Utility Quality Level "B" : Designating
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED <i>EG</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KBS</i>	REVISED
DATE <i>12/06/10</i>	REVISED

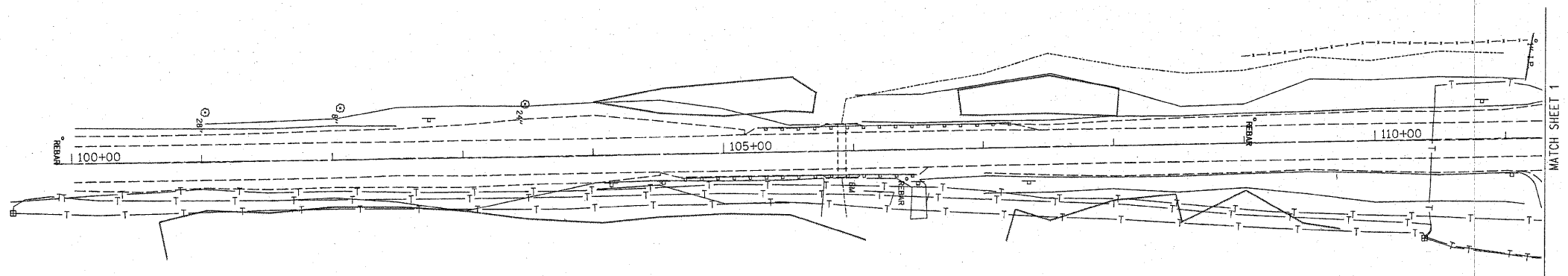
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RT.64 at IL 47
 Lily Lake, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26N-1	Kane	156	64
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 62278	



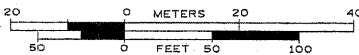
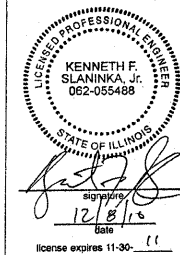
UTILITIES OWNERS
 COMED = ELECTRIC
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- A — A — AERIAL UTILITY
- - - - - UNKNOWN
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TBE Job No. IL09510421
 SUE Plan Page: 3 of 4

Utility Quality Level "A" : Test Hole
 Utility Quality Level "B" : Designating
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KPS	REVISED	
DATE	12/06/10	REVISED	

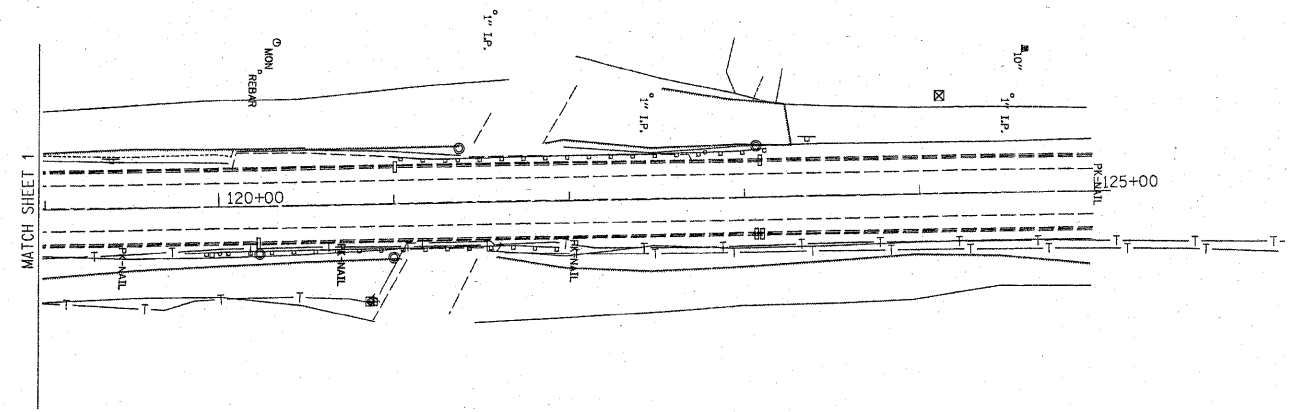
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RT.64 at IL '47
 Lily Lake, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26N-1	Kane	156	65
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 62278	



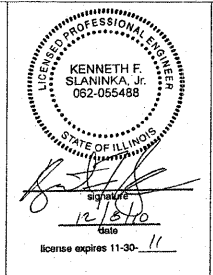
UTILITIES OWNERS	
COMED	= ELECTRIC
COMCAST	= CABLE TV
AT&T	= TELEPHONE
NICOR	= GAS



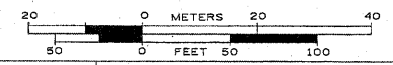
— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510421
SUE Plan Page: 4 of 4



Utility Quality Level "A" : Test Hole	DESIGNED	EG	REVISED	
Utility Quality Level "B" : Designating	DRAWN	RLC	REVISED	
Utility Quality Level "C" : Research with Survey	CHECKED	KPS	REVISED	
Utility Quality Level "D" : Records Research	DATE	12/06/10	REVISED	

DESIGNED	EG	REVISED	
DRAWN	RLC	REVISED	
CHECKED	KPS	REVISED	
DATE	12/06/10	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

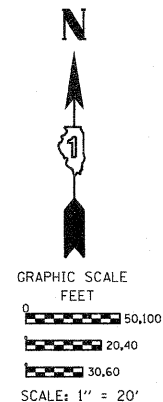
IL RT.64 at IL 47
Lily Lake, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26N-1	Kane	155	66
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 62278	

FOR INFORMATION ONLY

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST
41+80.68	0.00' RT.	6022	1921083.195	944024.550
42+22.54	40.00' RT.	6026	1921025.071	944020.479
42+22.69	50.00' RT.	6027	1921018.517	944012.924
42+71.21	50.00' RT.	6028	1920980.741	944045.681
42+71.35	40.00' RT.	6029	1920987.295	944053.235
44+86.44	50.00' RT.	6036	1920825.512	944203.888
44+54.14	50.00' RT.	6053	1920847.457	944178.869
44+87.31	80.00' RT.	6054	1920802.165	944185.026
44+55.59	80.00' RT.	6055	1920824.092	944159.993
41+44.53	40.00' RT.	6181	1921086.483	943970.734
41+40.18	62.78' RT.	6182	1921075.661	943950.218

SEE CONTINUATION ON SHEET 5

EXIST. CURVE E-1
 PI STA. =50+00.76
 $\Delta = 53^\circ 12' 39''$ (L.T.)
 $D = 3^\circ 29' 58''$
 $R = 1,637.28'$
 $T = 820.08'$
 $L = 1,520.55'$
 $E = 193.90'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 P.C. STA =41+80.68
 P.T. STA =57+01.23

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 18, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

RECEIVED
 OCT 18 2010
 PLATS & LEGALS

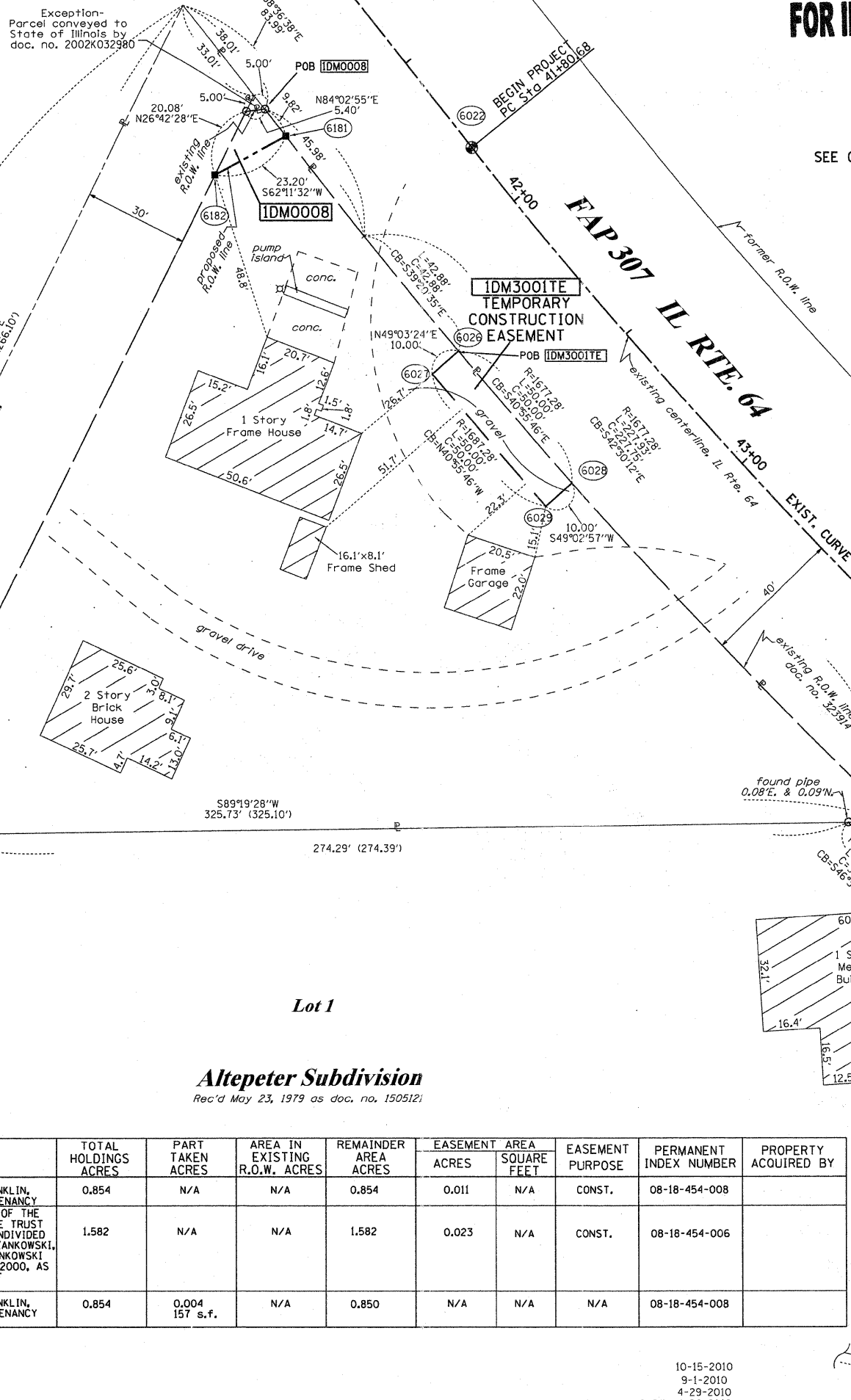
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 214 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-6600 FAX (815) 744-0011

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)
 LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 42+00 TO STATION 45+00
 SCALE: 1"=20' SHEET 2 OF 10

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

SHEET 1 OF -- IS A COVER SHEET AND IS NOT RECORDED
 PTA 2010-001



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
1DM3001	REGINALD V. & LINDA C. FRANKLIN, HUSBAND & WIFE, IN JOINT TENANCY	0.854	N/A	N/A	0.854	0.011	N/A	CONST.	08-18-454-008	
1DM0002	JOHN E. ZANKOWSKI, TRUSTEE OF THE JOHN E. ZANKOWSKI REVOCABLE TRUST DATED 2-1-2000, AS TO AN UNDIVIDED 1/2 INTEREST AND LINDA M. ZANKOWSKI, TRUSTEE OF THE LINDA M. ZANKOWSKI REVOCABLE TRUST DATED 2-1-2000, AS TO AN UNDIVIDED 1/2 INTEREST	1.582	N/A	N/A	1.582	0.023	N/A	CONST.	08-18-454-006	
1DM0008	REGINALD V. & LINDA C. FRANKLIN, HUSBAND & WIFE, IN JOINT TENANCY	0.854	0.004 157 s.f.	N/A	0.850	N/A	N/A	N/A	08-18-454-008	

FOR INFORMATION ONLY

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50.00
20.40
30.60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

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DATED AT _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
OCT 18 2010
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 ONEIDA STREET
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PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 307 (IL RTE. 64)

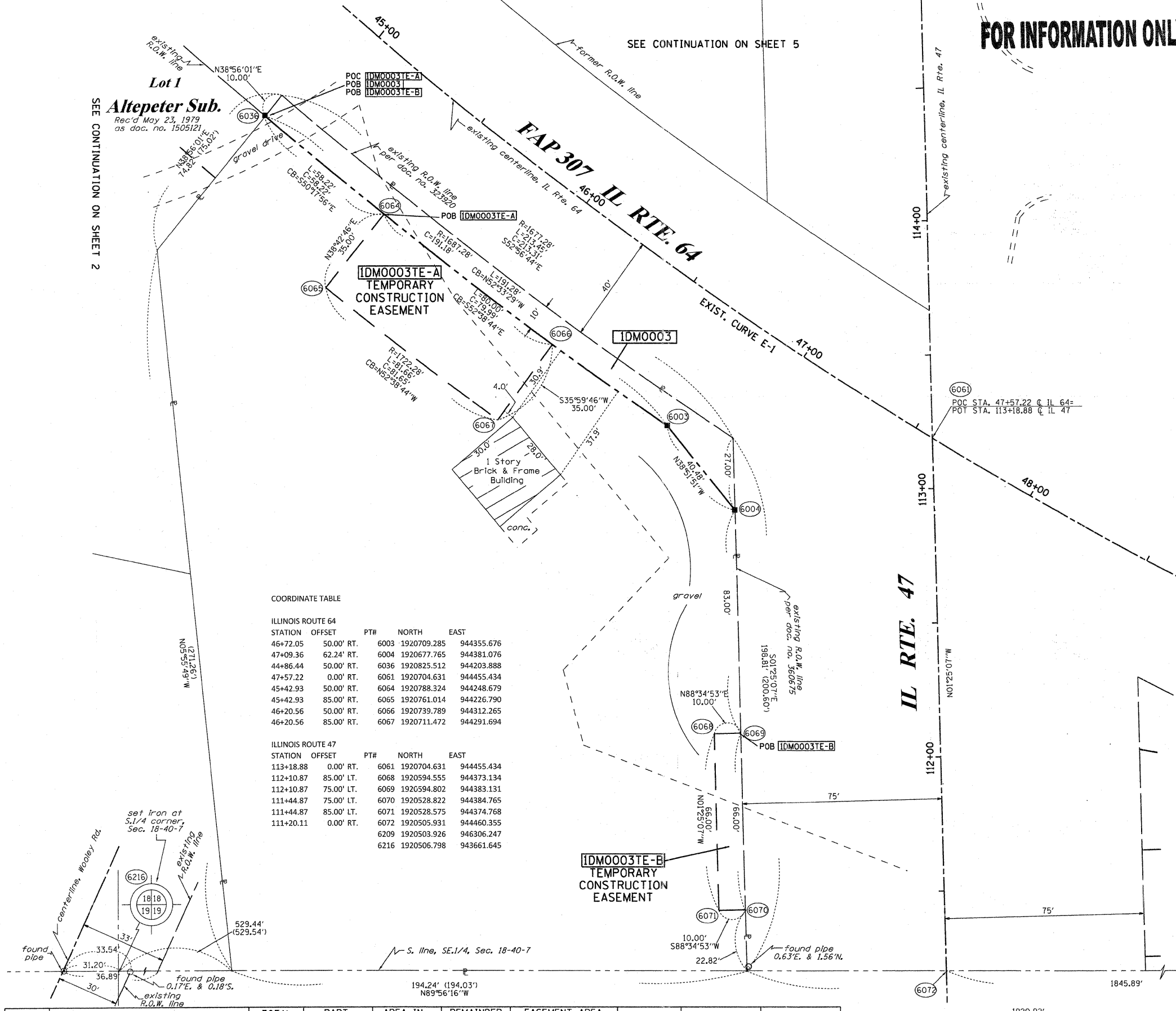
LIMITS: AT IL RTE. 47 COUNTY: KANE
PROJECT JOB NO.: R91-043-01
STATION 45+00 TO STATION 48+00
SCALE: 1"=20' SHEET 3 OF 10

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

COORDINATE TABLE

ILLINOIS ROUTE 64					
STATION	OFFSET	PT#	NORTH	EAST	
46+72.05	50.00' RT.	6003	1920709.285	944355.676	
47+09.36	62.24' RT.	6004	1920677.765	944381.076	
44+86.44	50.00' RT.	6036	1920825.512	944203.888	
47+57.22	0.00' RT.	6061	1920704.631	944455.434	
45+42.93	50.00' RT.	6064	1920788.324	944248.679	
45+42.93	85.00' RT.	6065	1920761.014	944226.790	
46+20.56	50.00' RT.	6066	1920739.789	944312.265	
46+20.56	85.00' RT.	6067	1920711.472	944291.694	

ILLINOIS ROUTE 47					
STATION	OFFSET	PT#	NORTH	EAST	
113+18.88	0.00' RT.	6061	1920704.631	944455.434	
112+10.87	85.00' LT.	6068	1920594.555	944373.134	
112+10.87	75.00' LT.	6069	1920594.802	944383.131	
111+44.87	75.00' LT.	6070	1920528.822	944384.765	
111+44.87	85.00' LT.	6071	1920528.575	944374.768	
111+20.11	0.00' RT.	6072	1920505.931	944460.355	
		6209	1920503.926	946306.247	
		6216	1920506.798	943661.645	



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDM0003	PETER P. PREVENAS III, AS TRUSTEE OF THE PETER P. PREVENAS II LIVING TRUST AS TO AN UNDIVIDED 1/2 INTEREST & CAROL ANN PREVENAS, AS TRUSTEE OF THE CAROL ANN PREVENAS LIVING TRUST, AS TO AN UNDIVIDED 1/2 INTEREST	1.263	0.054	N/A	1.209	TE-A-0.065 TE-B-0.015	N/A	CONST.	08-18-454-005	

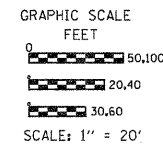
REVISION DATE: 4-26-2010
REVISION IDOT REVIEW
MADE BY TLW

FOR INFORMATION ONLY

EXIST. CURVE E-1
 PI STA. =50+00.76
 $\Delta = 53^\circ 12' 39''$ (LT)
 $D = 3^\circ 29' 58''$
 $R = 1,637.28'$
 $T = 820.08'$
 $L = 1,520.55'$
 $E = 193.90'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA = 41+80.68$
 $P.T. STA = 57+01.23$

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM0004	BELL FUELS, INC.	0.304	0.094	N/A	0.210	0.046	N/A	CONST.	08-18-477-001	
IDM0005	BELL FUELS, INC., A NEVADA CORP.	2.171	0.596	0.571	1.575	A-0.019 B-0.015 C-0.014	A-840 s.f. B-656 s.f. C-592 s.f.	CONST.	08-18-476-002	

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

COORDINATE TABLE

ILLINOIS ROUTE 64

STATION	OFFSET	PT#	NORTH	EAST
48+79.40	63.71' RT.	6005	1920588.468	944533.334
50+83.93	40.00' LT.	6011	1920601.863	944763.376
50+83.93	47.00' LT.	6012	1920608.450	944765.745
47+57.22	0.00' RT.	6061	1920704.631	944455.434
48+66.88	40.00' RT.	6077	1920615.459	944532.665
51+36.03	0.00' RT.	6086	1920547.376	944799.132
48+93.02	40.00' LT.	6094	1920674.955	944592.190
49+59.04	40.00' LT.	6095	1920647.429	944650.405
49+59.04	50.00' LT.	6096	1920656.553	944654.497
48+93.02	50.00' LT.	6097	1920683.907	944596.646
50+24.10	40.00' LT.	6098	1920622.617	944708.820
50+24.10	50.00' LT.	6099	1920631.897	944712.546
50+83.93	50.00' LT.	6100	1920611.273	944766.761
51+18.98	47.00' LT.	6101	1920597.274	944797.897
48+57.40	40.00' LT.	6179	1920690.780	944561.245
49+09.27	55.00' RT.	6186	1920582.500	944564.928
51+03.86	55.00' RT.	6189	1920505.616	944750.652

ILLINOIS ROUTE 47

STATION	PT#	NORTH	EAST	
112+00.82	75.00' RT.	6005	1920588.468	944533.334
113+18.88	0.00' RT.	6061	1920704.631	944455.434
111+20.11	0.00' RT.	6072	1920505.931	944460.355
112+27.82	75.00' RT.	6077	1920615.459	944532.665
111+63.52	75.00' RT.	6078	1920551.179	944534.257
111+63.52	125.00' RT.	6079	1920552.417	944584.242
111+23.52	125.00' RT.	6080	1920512.429	944585.232
111+23.52	75.00' RT.	6081	1920511.191	944535.247
115+09.16	0.00' RT.	6084	1920894.853	944450.723
115+08.13	60.00' RT.	6088	1920895.308	944510.731
113+84.32	60.00' RT.	6090	1920771.545	944513.795
114+68.32	60.00' RT.	6091	1920855.519	944511.716
114+68.32	70.00' RT.	6092	1920855.766	944521.713
113+84.32	70.00' RT.	6093	1920771.792	944523.792
113+64.89	60.00' RT.	6178	1920752.112	944514.277
		6209	1920503.926	946306.247

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 18, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 OCT 18 2010
 PLATS & LEGALS

REVISE SEC. LINE & PARCEL 0004
 REVISE 0004 TAKE
 AMEND OWNERS NAMES
 IDOT REVIEW

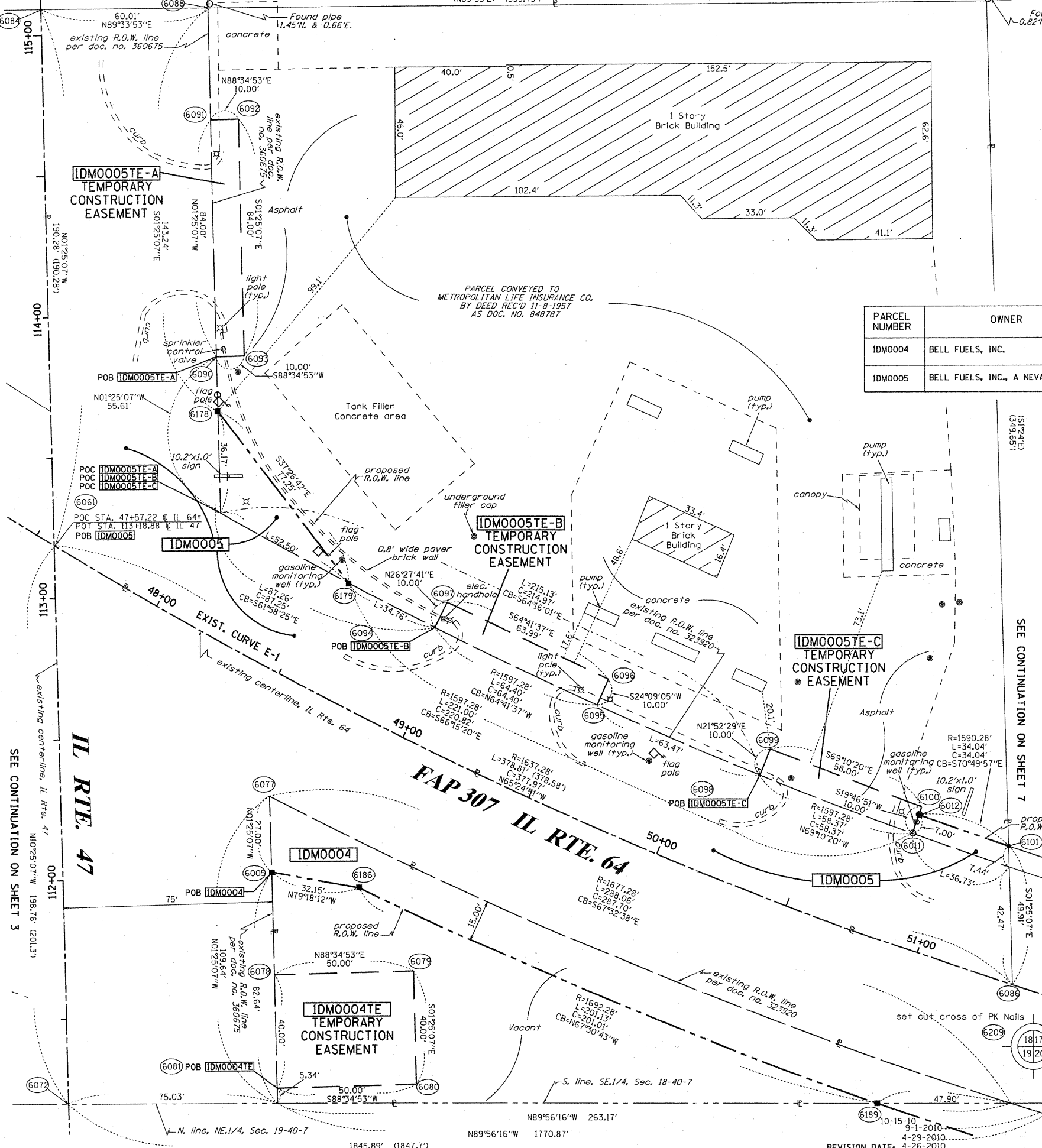
TLW
 TLW
 TLW
 MADE BY TLW

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. 815/746-6600 FAX 815/744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 48+00 TO STATION 51+50
 SCALE: 1"=20' SHEET 4 OF 10

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196



LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

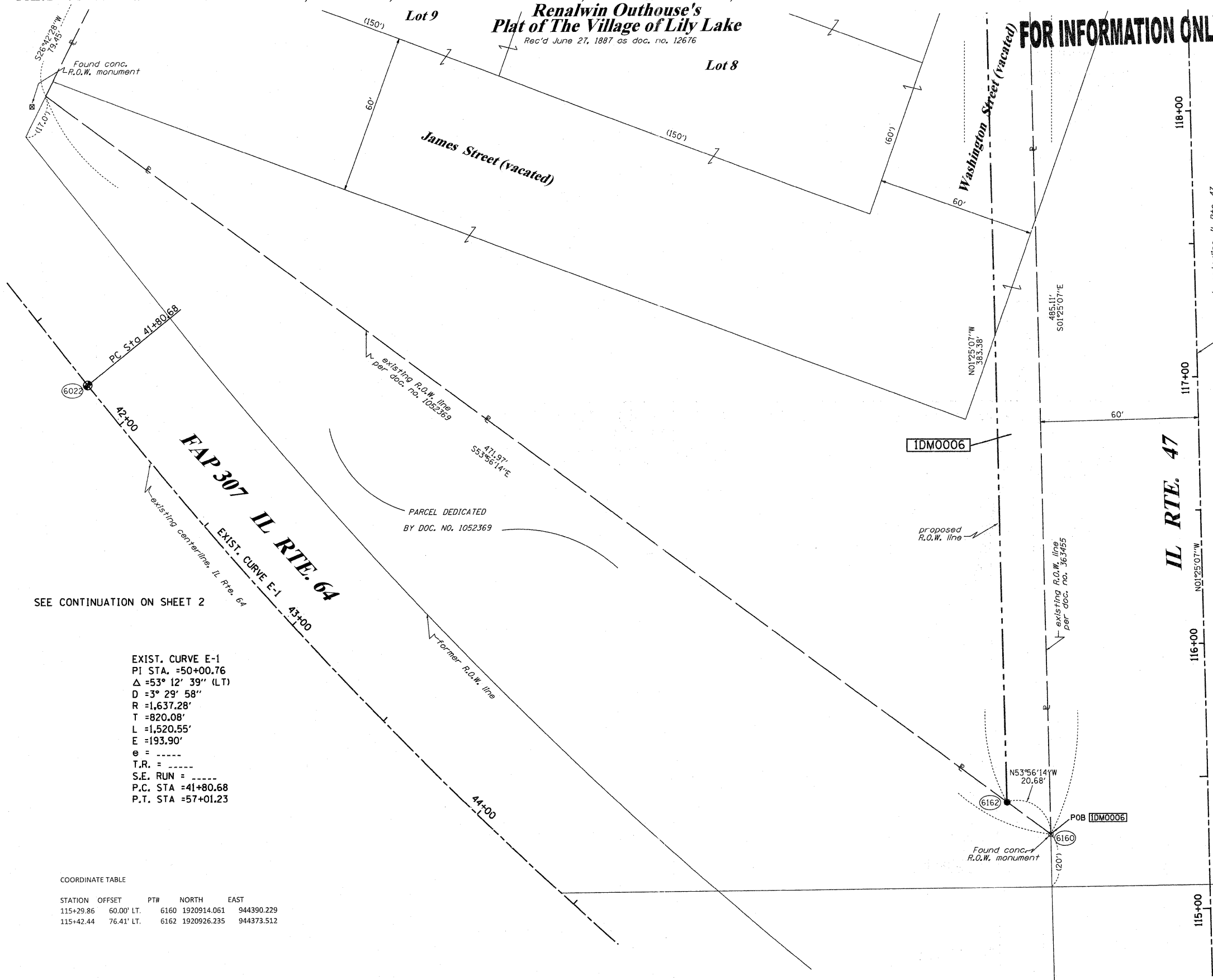
IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 "MAG" NAIL SET
 5/8" REBAR SET

T1, T2, T3: THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT1, BT2, BT3: THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ■: STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■■: STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊕: PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □: RIGHT OF WAY STAKING PROPOSED TO BE SET

GRAPHIC SCALE
 0 50.00
 20.40
 30.60
 SCALE: 1" = 20'

Renalwin Outhouse's Plat of The Village of Lily Lake
 Rec'd June 27, 1887 as doc. no. 12616

FOR INFORMATION ONLY



SEE CONTINUATION ON SHEET 2

SEE CONTINUATION ON SHEET 3

SEE CONTINUATION ON SHEET 4

EXIST. CURVE E-1
 PI STA. =50+00.76
 Δ =53° 12' 39" (LT)
 D =3° 29' 58"
 R =1,637.28'
 T =820.08'
 L =1,520.55'
 E =193.90'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA =41+80.68
 P.T. STA =57+01.23

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST
115+29.86	60.00' LT.	6160	1920914.061	944390.229
115+42.44	76.41' LT.	6162	1920926.235	944373.512

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDM0006	MARIE LOUISE DISPENSA & JOSEPH DISPENSA, JR. AS TRUSTEES UNDER THE MARIE LOUISE DISPENSA TRUST DATED 3-21-1991, AS TO AN UNDIVIDED 1/2 INTEREST, AND JO ANN M. PONTRELLI, AS TRUSTEE OF THE JO ANN M. PONTRELLI TRUST AGREEMENT DATED 8-11-1992 AS TO AN UNDIVIDED 1/2 INTEREST	3.189	0.221	N/A	2.968	N/A	N/A	N/A	08-18-453-013	

RECEIVED
 OCT 18 2010
 PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 62435
 PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 115+00 TO STATION 118+00
 SCALE: 1"=20' SHEET 5 OF 10

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PART OF THE SE 14 OF SECTION 18, TWP. 40 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM0006	MARIE LOUISE DISPENSA & JOSEPH DISPENSA, JR. AS TRUSTEES UNDER THE MARIE LOUISE DISPENSA TRUST DATED 3-21-1991, AS TO AN UNDIVIDED 1/2 INTEREST, AND JO ANN M. PONTRELLI, AS TRUSTEE OF THE JO ANN M. PONTRELLI TRUST AGREEMENT DATED 8-11-1992 AS TO AN UNDIVIDED 1/2 INTEREST	3.189	0.221	N/A	2.968	N/A	N/A	N/A	08-18-453-013	

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST
119+25.82	92.83' LT.	6018	1921309.091	944347.607
119+25.82	76.42' LT.	6019	1921309.498	944364.008
120+34.57	92.83' LT.	6163	1921417.807	944344.913

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 P PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 --- EXISTING CENTERLINE
 --- PROPOSED CENTERLINE
 --- EXISTING RIGHT OF WAY LINE
 --- PROPOSED RIGHT OF WAY LINE
 --- PROPOSED EASEMENT
 --- MEASURED DIMENSION
 --- 129.32' (COMP)
 --- 129.32'
 --- RECORDED DIMENSION
 --- EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50,100
 0 20,40
 0 30,60
 SCALE: 1" = 20'

FOR INFORMATION ONLY

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 18, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-5600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 118+00 TO STATION 120+00
 SCALE: 1"=20' SHEET 6 OF 10

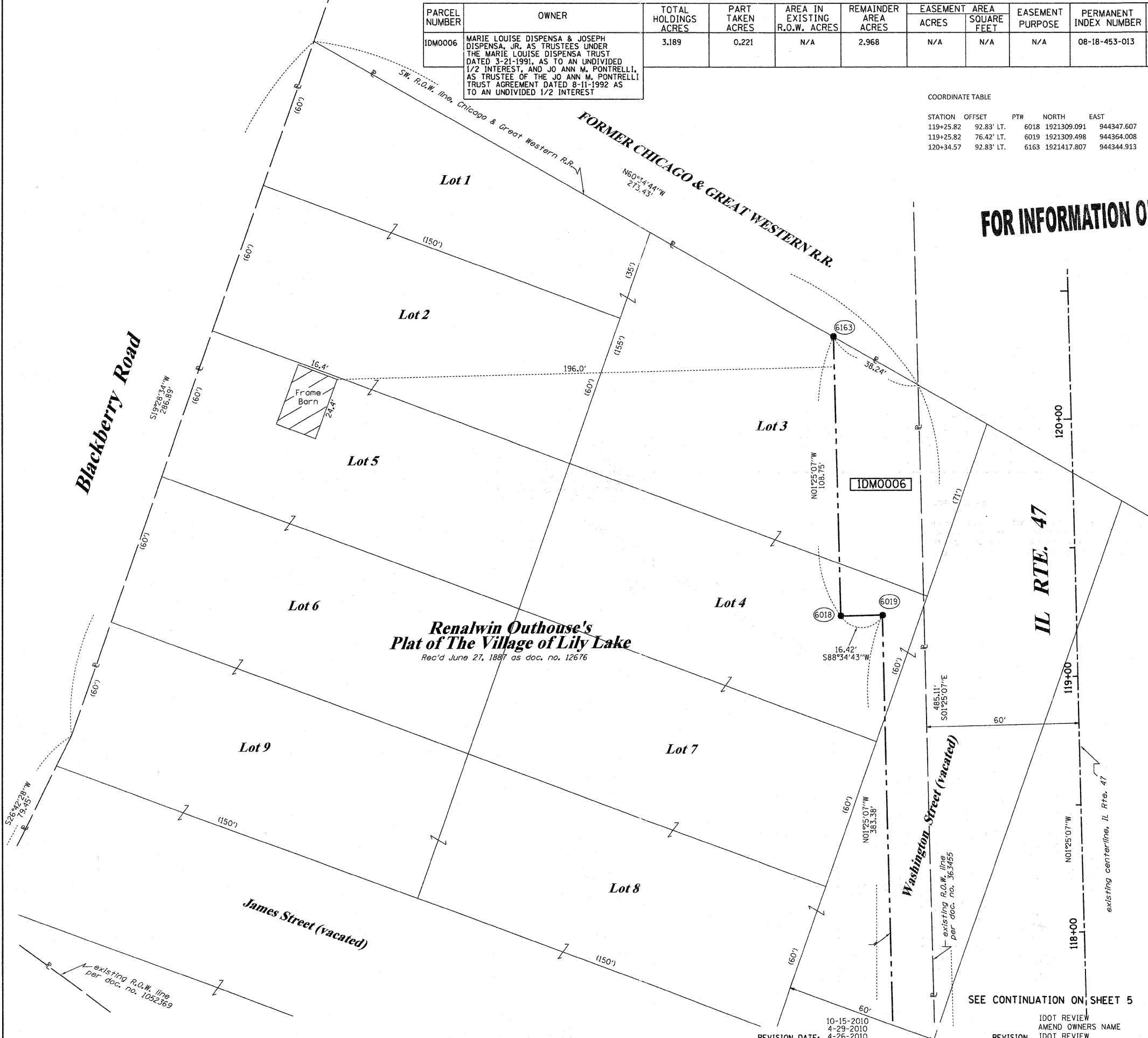
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

RECEIVED
 OCT 18 2010
 PLATS & LEGALS

SEE CONTINUATION ON SHEET 5

IDOT REVIEW
 AMEND OWNERS NAME
 REVISION IDOT REVIEW

MADE BY TLW



PART OF THE SE 1/4 OF SECTION 18, TWP. 40 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM3007	CLARA MAE LOCASCIO, AS TRUSTEE UNDER TRUST DATED 10-15-2002 KNOWN AS THE LOCASCIO FAMILY TRUST	12.193	0.000	N/A	12.193	TE-A-0.077	N/A	CONST.	08-18-476-001 08-18-476-007	
IDM0009	SUBURBAN BANK & TRUST CO, AS SUCCESSOR TO SUBURBAN BANK OF ELMHURST AS TRUSTEE, TRUST NO. 1016	79.149	1.870	1.491	77.279	N/A	N/A	N/A	08-19-201-001 08-19-226-001	

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST
53+56.00	47.00' LT.	6014	1920540.043	945020.683
53+56.00	40.00' LT.	6015	1920533.155	945019.436
51+18.98	47.00' LT.	6101	1920597.274	944797.897
54+32.88	40.00' LT.	6107	1920521.534	945093.523
53+56.00	85.00' LT.	6108	1920577.436	945027.451
54+32.88	85.00' LT.	6109	1920566.142	945099.451

FOR INFORMATION ONLY

LEGEND

SECTION CORNER 9 10 16 15 SECTION CORNER

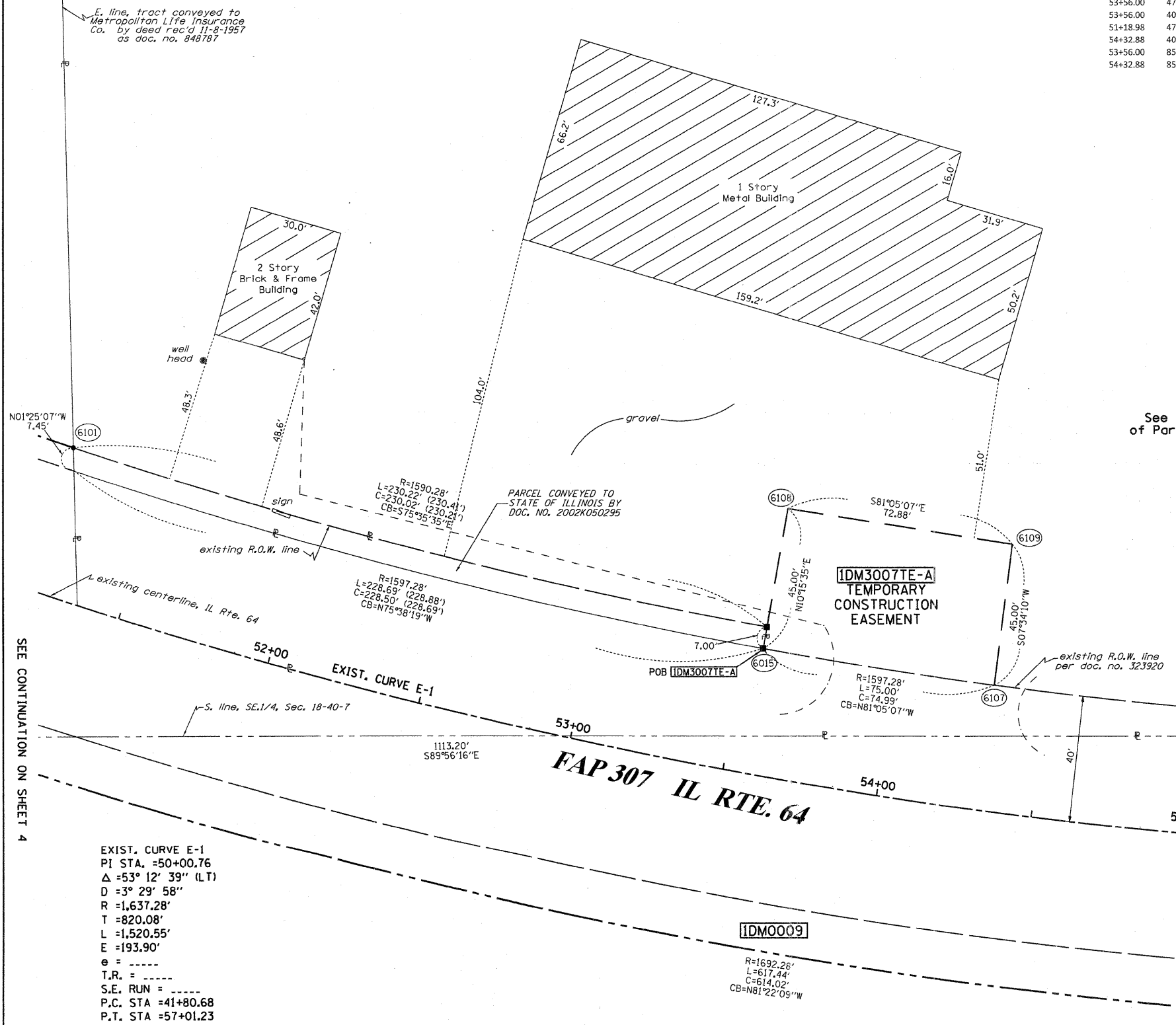
QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APL
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 129.32' (COMP)
 COMPUTED DIMENSION
 129.32'
 RECORDED DIMENSION
 EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
 FEET
 0 20.40 30.60 50.100
 SCALE: 1" = 20'

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET



RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 51+00 TO STATION 55+00
 SCALE: 1"=20' SHEET 7 OF 10

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PART OF THE SE 1/4 OF SECTION 18, TWP. 40 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

TOTAL HOLDING DIAGRAM
PARCEL ID3007

Scale: 1"=100'

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM3007	CLARA MAE LOCASCIO, AS TRUSTEE UNDER TRUST DATED 10-15-2002 KNOWN AS THE LOCASCIO FAMILY TRUST	12.193	0.000	N/A	12.193	TE-A-0.077	N/A	CONST.	08-18-476-001	
IDM0009	SUBURBAN BANK & TRUST CO. AS SUCCESSOR TO SUBURBAN BANK OF ELMHURST AS TRUSTEE, TRUST NO. 1016	79.149	1.870	1.491	77.279	N/A	N/A	N/A	08-19-201-001 08-19-226-001	

LEGEND

SECTION CORNER 9 10 15 16 SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
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MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

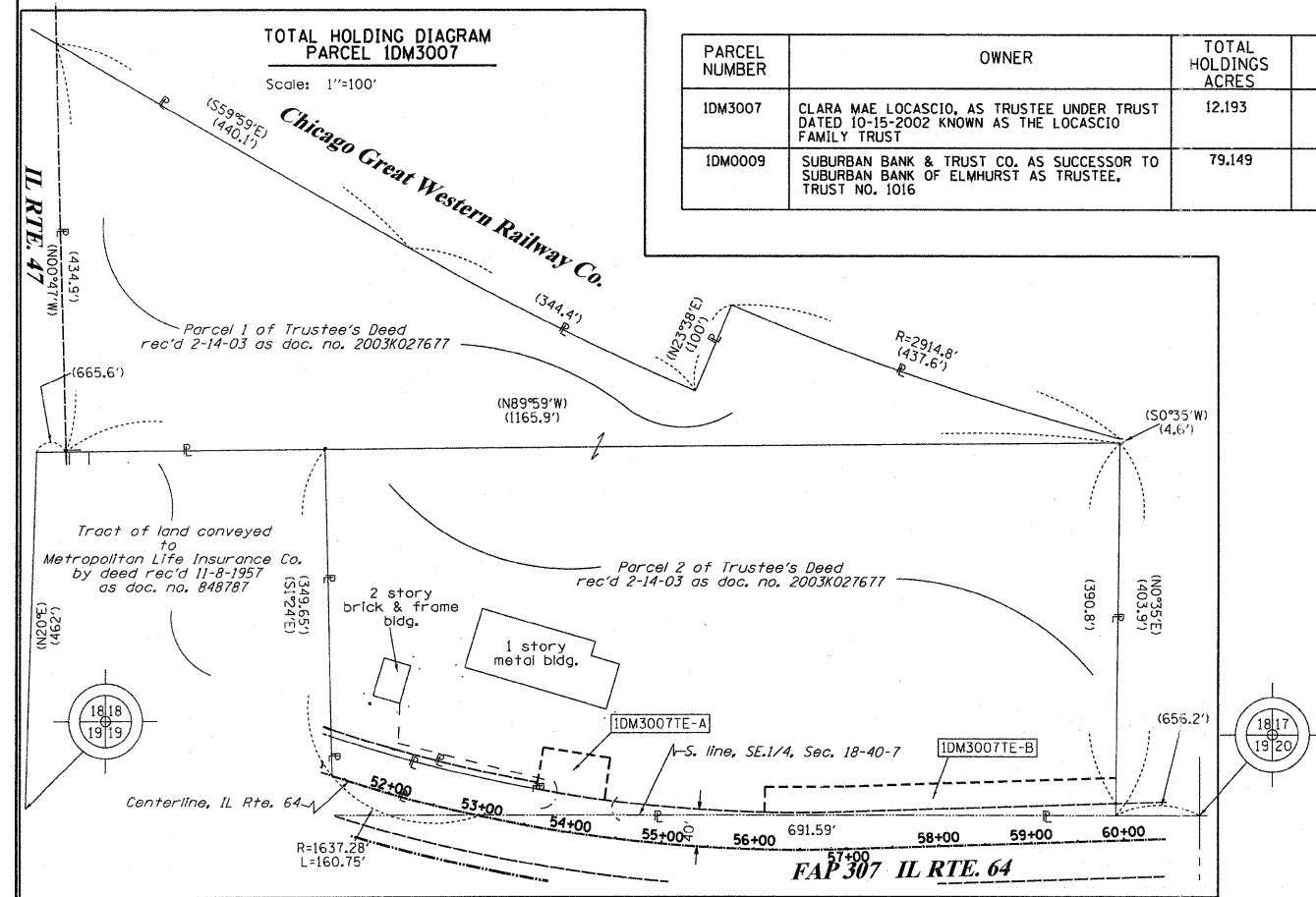
TOTAL SHEETS 156
SHEET NO. 75

GRAPHIC SCALE
FEET
0 20.40 40.80 61.20 81.60 102.00
SCALE: 1" = 20'

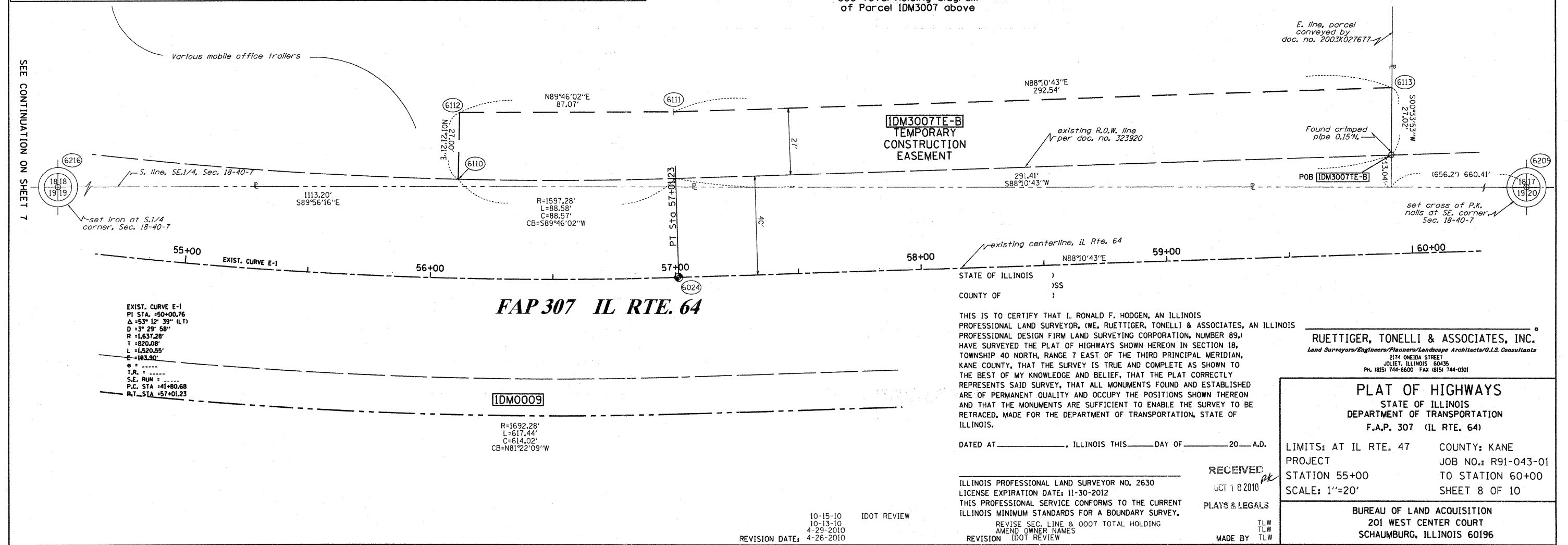
FOR INFORMATION ONLY

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST
57+01.23	0.00' RT.	6024	1920468.442	945355.969
60+00.00	0.00' RT.	6025	1920477.938	945654.588
56+10.44	40.00' LT.	6110	1920508.062	945266.133
57+01.23	67.00' LT.	6111	1920535.409	945353.839
56+10.44	67.00' LT.	6112	1920535.055	945266.772
59+93.77	67.00' LT.	6113	1920544.706	945646.228
		6209	1920503.926	946306.247
		6216	1920506.798	943661.645



See total holding diagram of Parcel ID3007 above



STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 18, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 62435
PH. (815) 744-9600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
PROJECT JOB NO.: R91-043-01
STATION 55+00 TO STATION 60+00
SCALE: 1"=20' SHEET 8 OF 10

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
REVISE SEC. LINE & 0007 TOTAL HOLDING
AMEND OWNER NAMES
REVISION IDOT REVIEW

RECEIVED
OCT 18 2010
PLAY'S & LEGALS
MADE BY TLW

PART OF THE NE 1/4 OF SECTION 19, TWP. 40 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM0009	SUBURBAN BANK & TRUST CO. AS SUCCESSOR TO SUBURBAN BANK OF ELMHURST AS TRUSTEE, TRUST NO. 1016	79.149	1.870	1.491	77.279	N/A	N/A	N/A	08-19-201-001 08-19-226-001	

EXIST. CURVE E-1
 PI STA. =50+00.76
 $\Delta = 53^\circ 12' 39''$ (LT)
 $D = 3^\circ 29' 58''$
 $R = 1,637.28'$
 $T = 820.08'$
 $L = 1,520.55'$
 $E = 193.90'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA =41+80.68
 P.T. STA =57+01.23

FOR INFORMATION ONLY

LEGEND

SECTION CORNER 16 SECTION CORNER 15

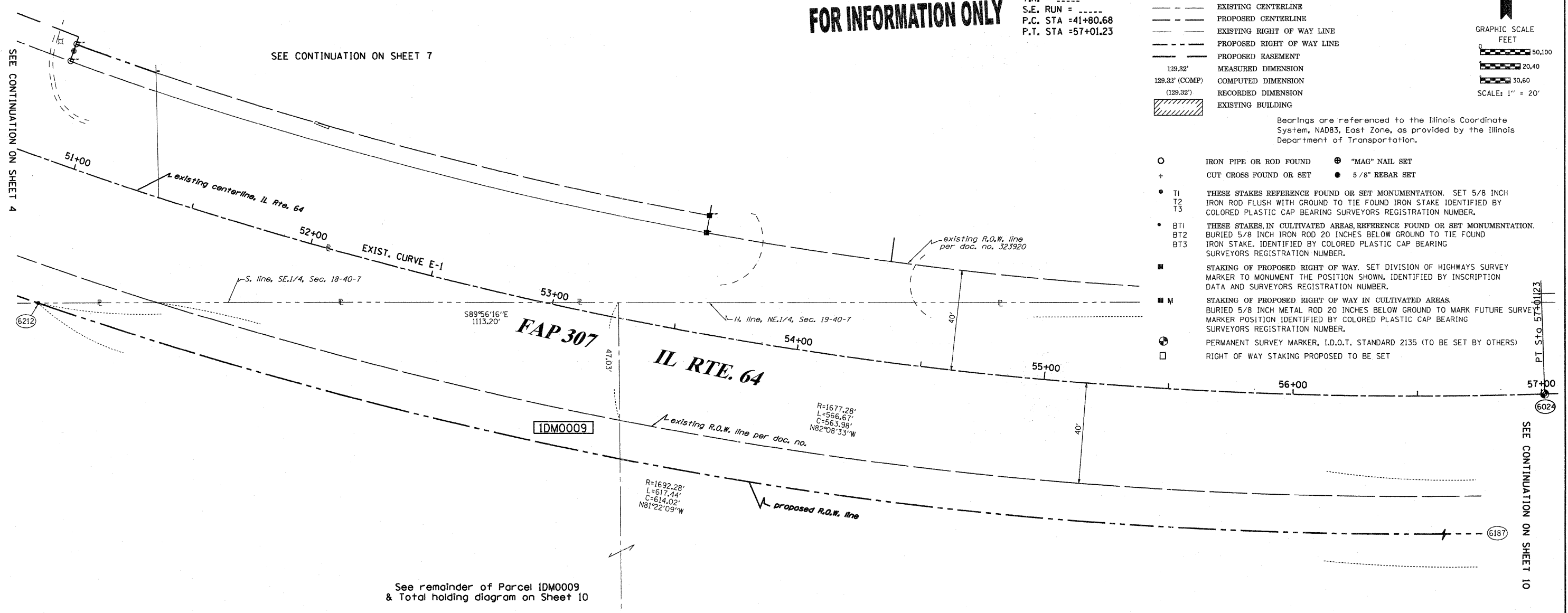
SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

129.32'
 129.32' (COMP)
 129.32'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
 FEET
 0 50,100 20,40 30,60
 SCALE: 1" = 20'

TOTAL SHEETS 156 SHEET NO. 74



See remainder of Parcel IDM0009 & Total holding diagram on Sheet 10

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST
57+01.23	0.00' RT.	6024	1920468.442	945355.969
57+01.23	55.00' RT.	6187	1920413.47	945357.717
51+03.86	55.00' RT.	6212	1920505.616	944750.652

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 OCT 18 2010
 PLATS & LEGALS

REVISION: IDOT REVIEW
 MADE BY

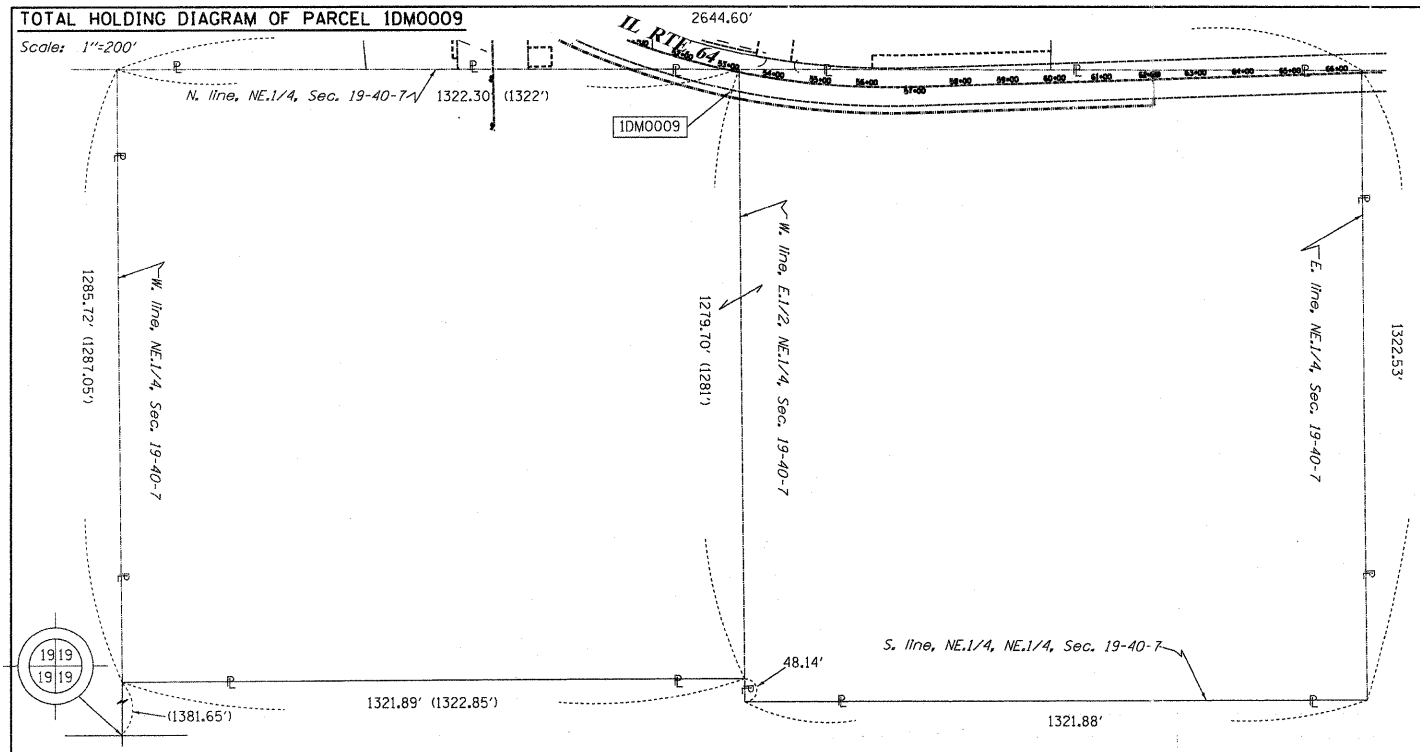
RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-5600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 307 (IL RTE. 64)

LIMITS: AT IL RTE. 47 COUNTY: KANE
 PROJECT JOB NO.: R91-043-01
 STATION 51+00 TO STATION 54+00
 SCALE: 1"=20' SHEET 9 OF 10

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PART OF THE NE 1/4 OF SECTION 19, TWP. 40 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



FOR INFORMATION ONLY

LEGEND

- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Graphic Scale: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

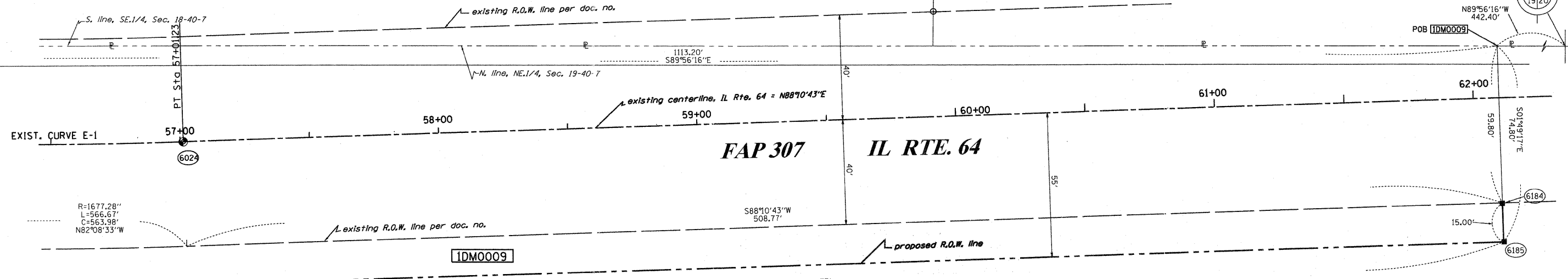
COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST
57+01.23	0.00' RT.	6024	1920468.442	945355.969
62+10.00	40.00' RT.	6184	1920444.633	945865.752
62+10.00	55.00' RT.	6185	1920429.641	945866.229
57+01.23	55.00' RT.	6187	1920413.470	945357.717
		6209	1920503.926	946306.247

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SEE CONTINUATION ON SHEET 7

SEE CONTINUATION ON SHEET 9



See remainder of Parcel IDM0009 on Sheet 9. See total holding diagram above.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 40 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-5500 FAX (815) 744-0101

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

RECEIVED
OCT 18 2010

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PLAT & LEGALS
MADE BY

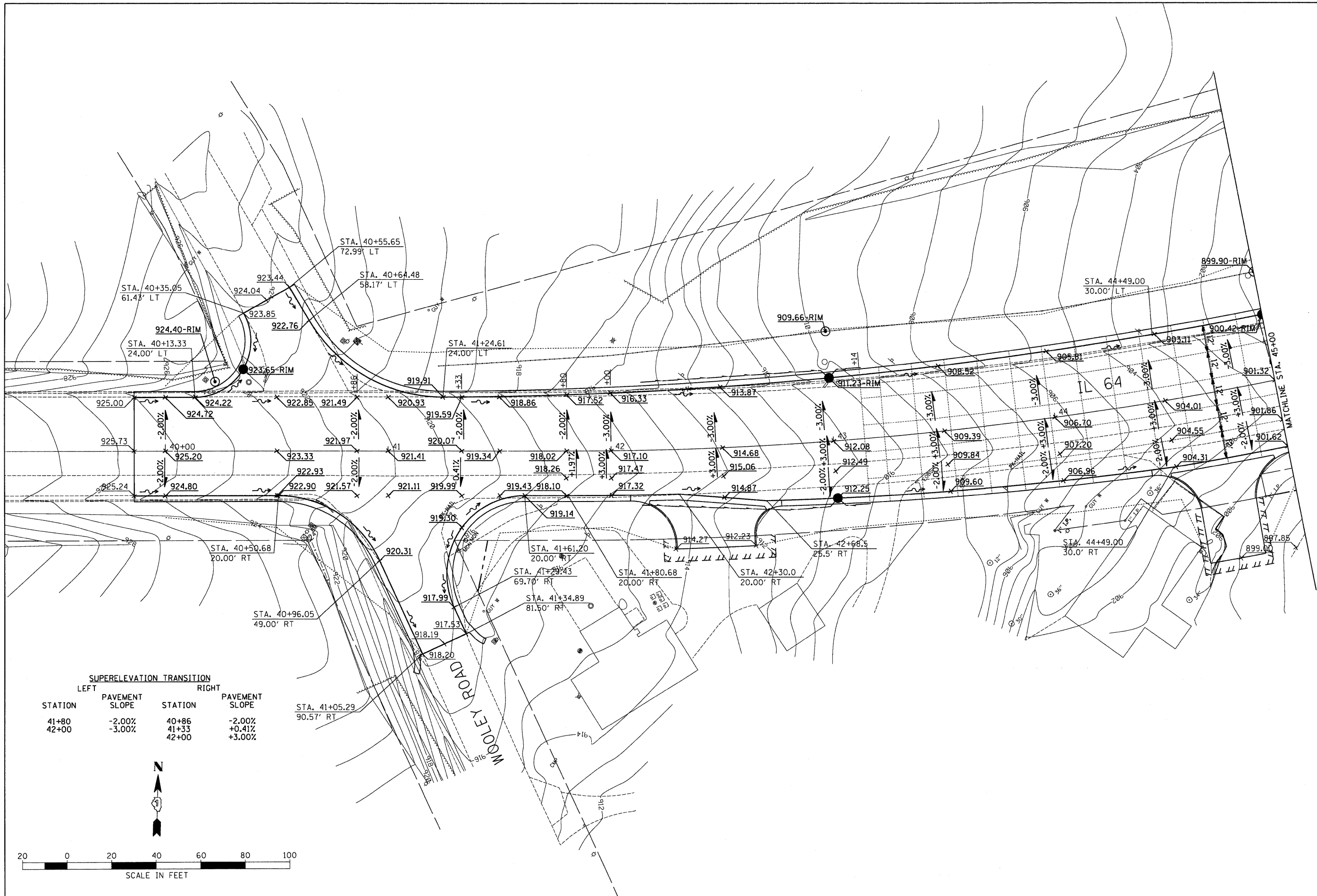
EXIST. CURVE E-1
PI STA. =50+00.76
Δ =53° 12' 39" (LT)
D =3° 29' 58"
R =1,637.28'
T =820.08'
L =1,520.55'
E =193.90'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA =41+80.68
P.T. STA =57+01.23

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDM0009	SUBURBAN BANK & TRUST CO. AS SUCCESSOR TO SUBURBAN BANK OF ELMHURST AS TRUSTEE, TRUST NO. 1016	79.149	1.870	1.491	77.279	N/A	N/A	N/A	08-19-201-001 08-19-226-001	

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 307 (IL RTE. 64)

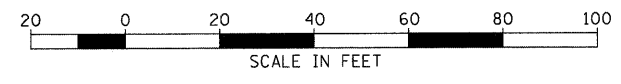
LIMITS: AT IL RTE. 47 COUNTY: KANE
PROJECT JOB NO.: R91-043-01
STATION 56+50 TO STATION 62+50
SCALE: 1"=20' SHEET 10 OF

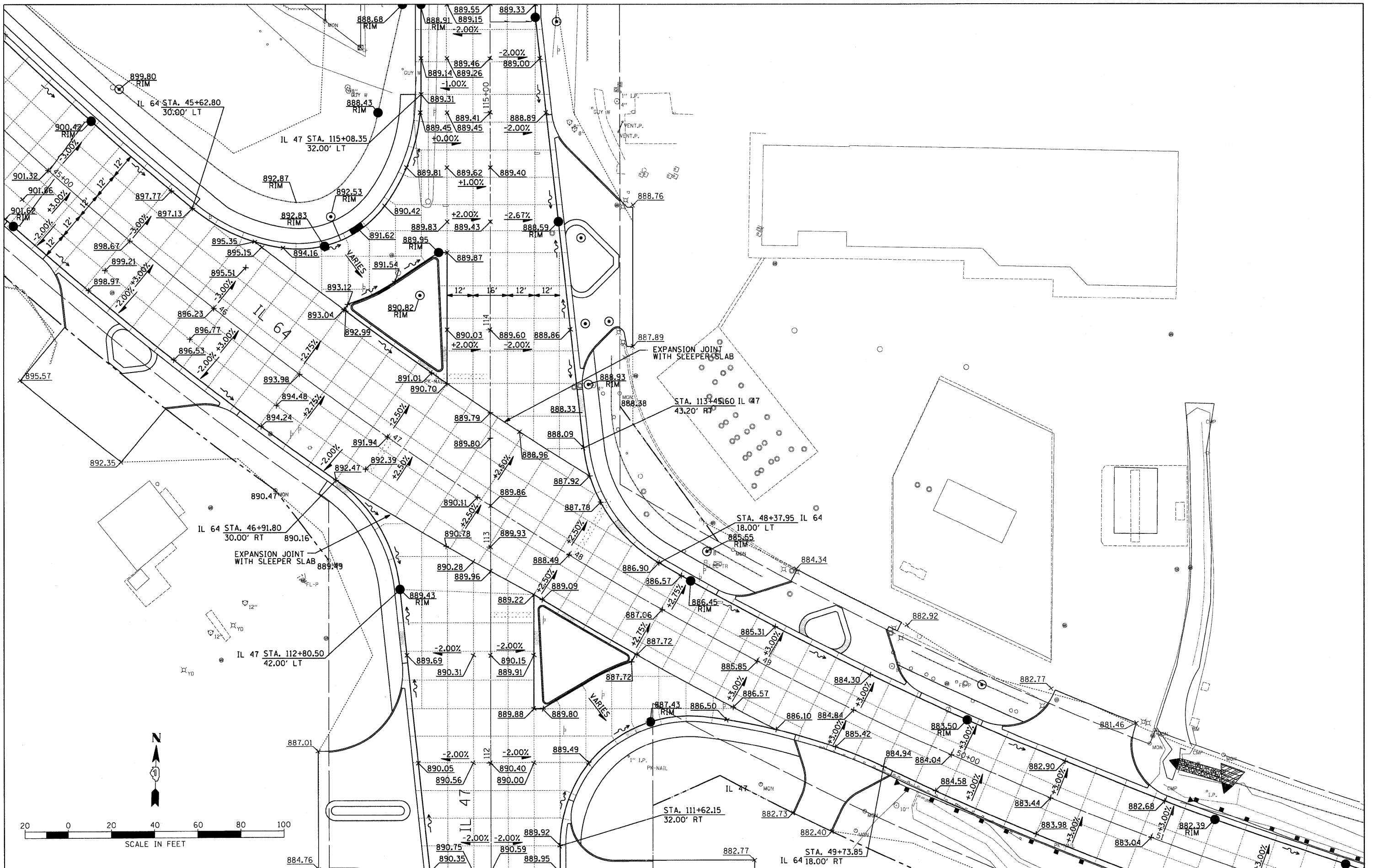
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



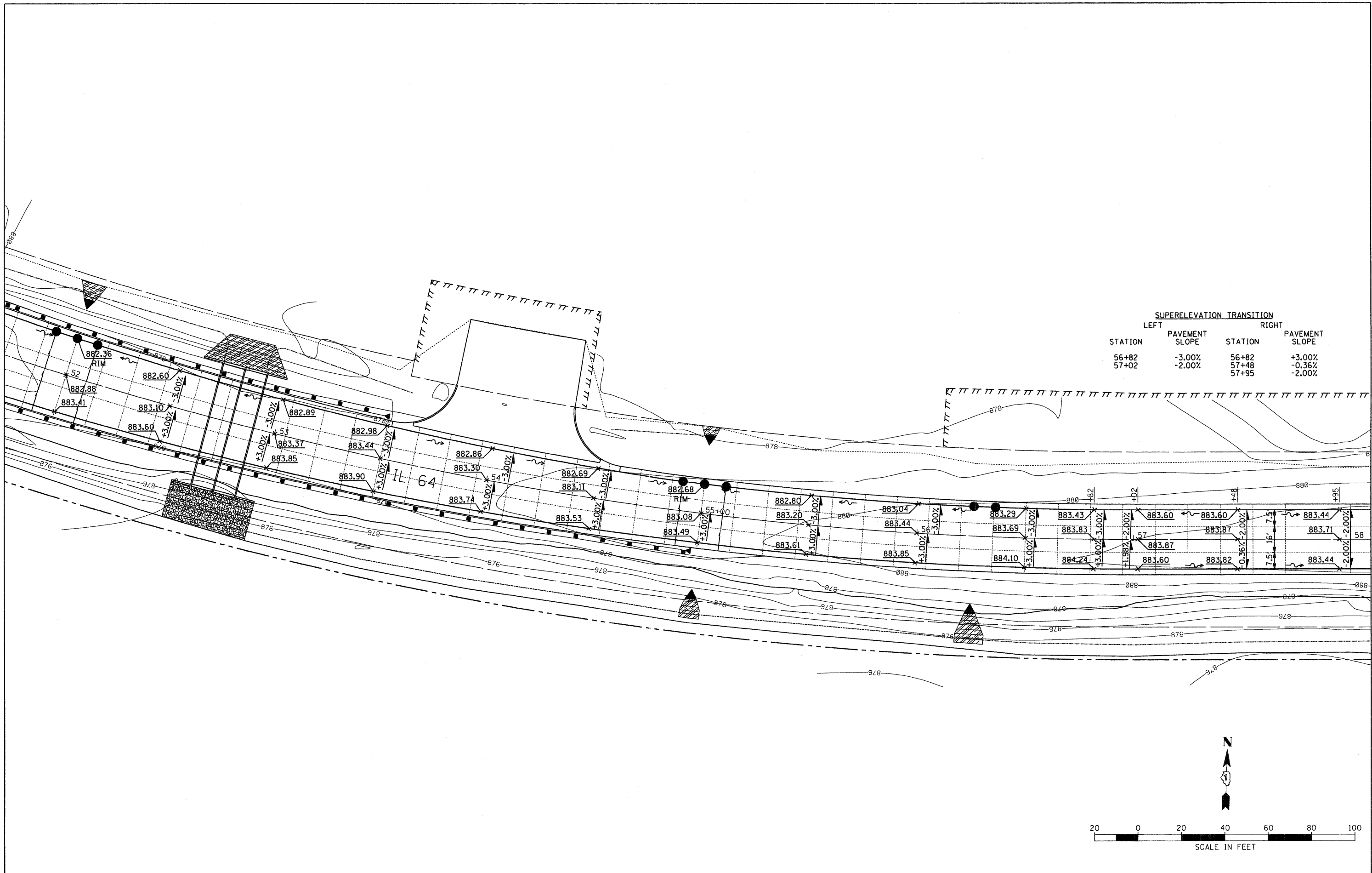
SUPERELEVATION TRANSITION

STATION	PAVEMENT SLOPE	STATION	PAVEMENT SLOPE
41+80	-2.00%	40+86	-2.00%
42+00	-3.00%	41+33	+0.41%
		42+00	+3.00%



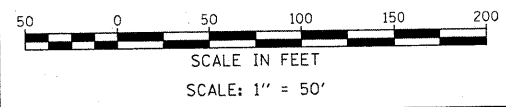
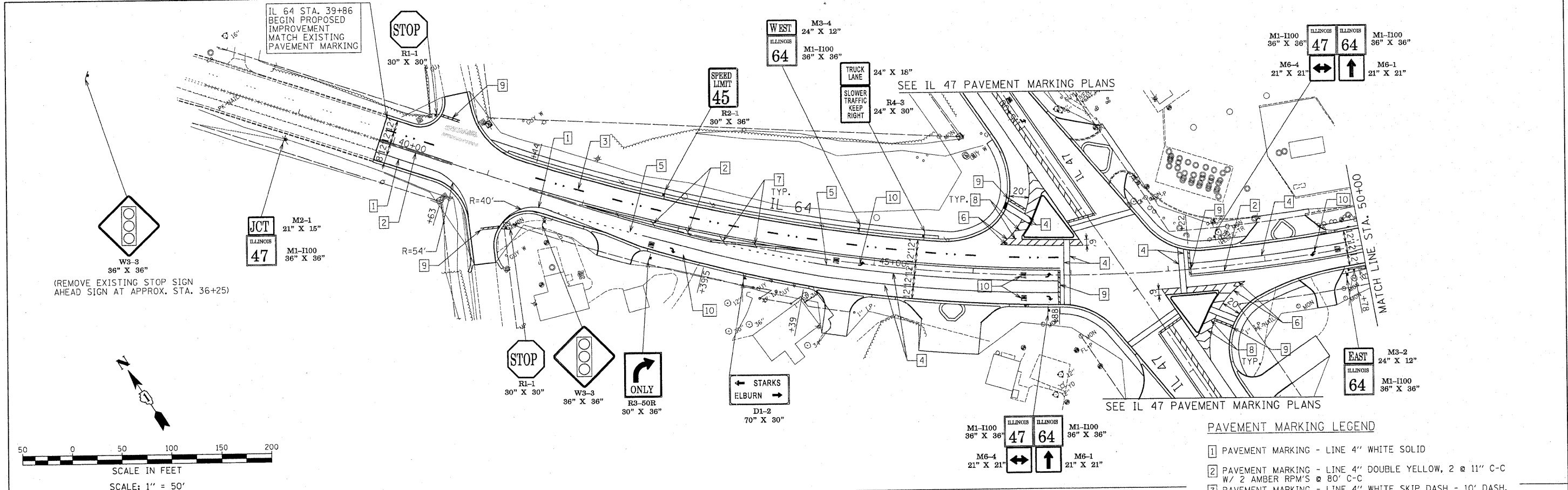


FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 77 INTERSECTION IMPROVEMENTS GRADING PLANS	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 77		
FILE	PLOT SCALE = 20.000 Ft / IN.	DRAWN - AR	REVISED -			SCALE:	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 62278		
	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -									
		DATE - 09-01-2011	REVISED -									

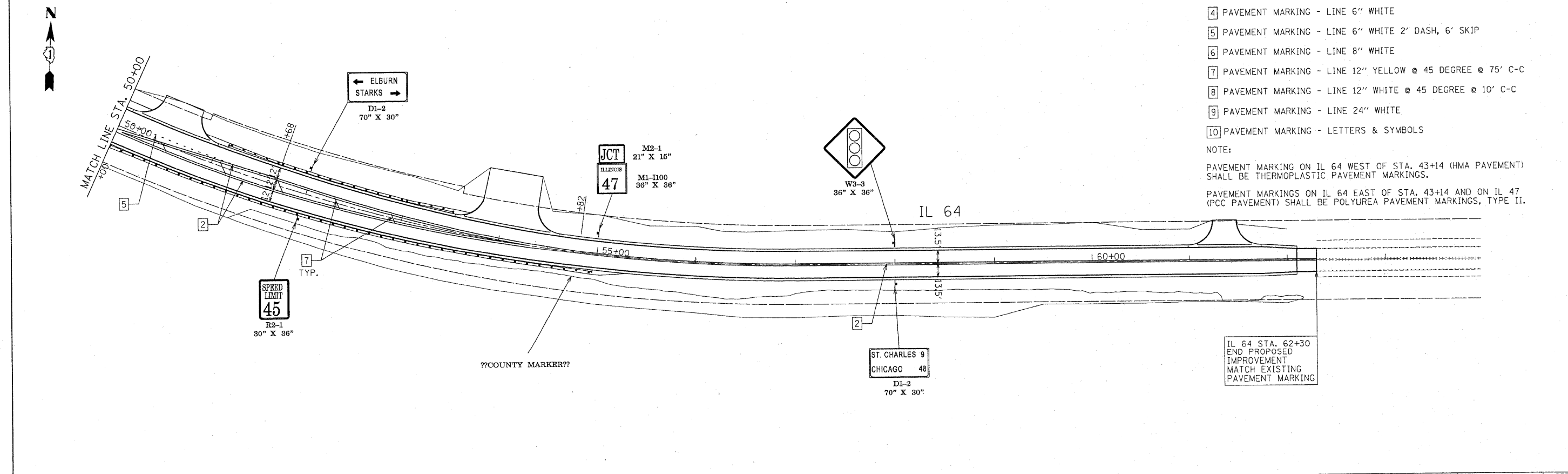


SUPERELEVATION TRANSITION			
LEFT		RIGHT	
STATION	PAVEMENT SLOPE	STATION	PAVEMENT SLOPE
56+82	-3.00%	56+82	+3.00%
57+02	-2.00%	57+48	-0.36%
		57+95	-2.00%

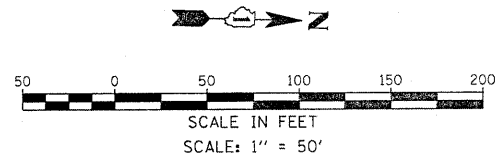
FILE NAME =	USER NAME = .USER_	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS GRADING PLANS	F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 78		
#FILE#		DRAWN - AR	REVISED -			SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 62278		
		CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE - 09-01-2011	REVISED -									



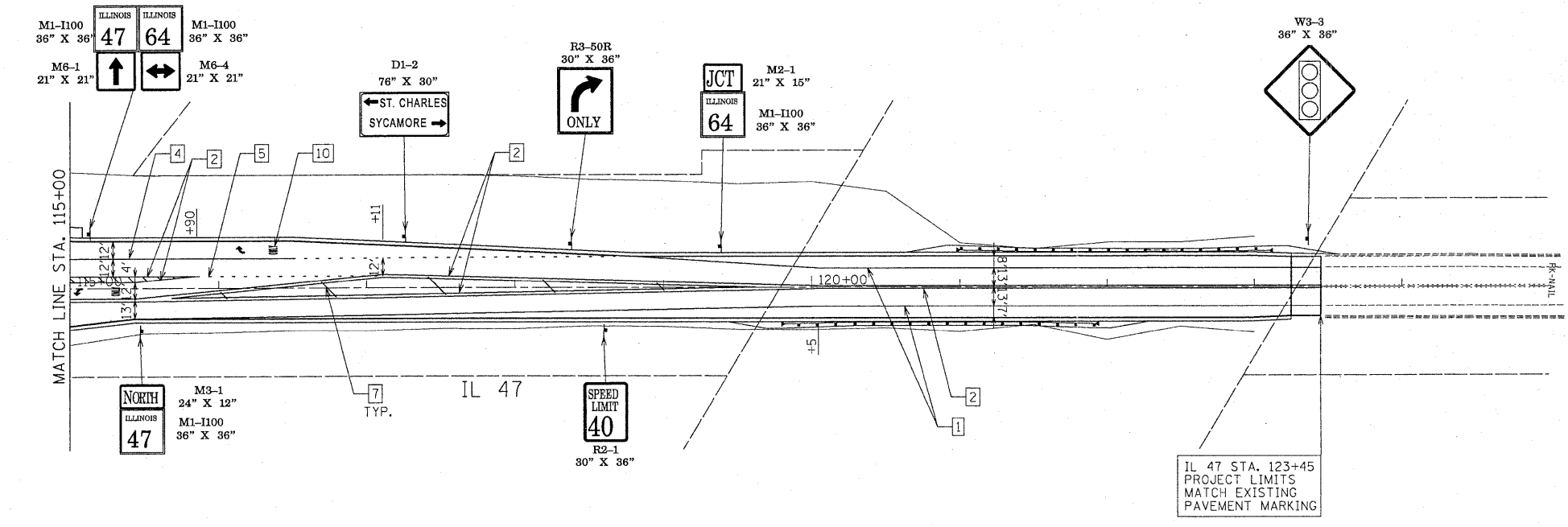
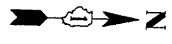
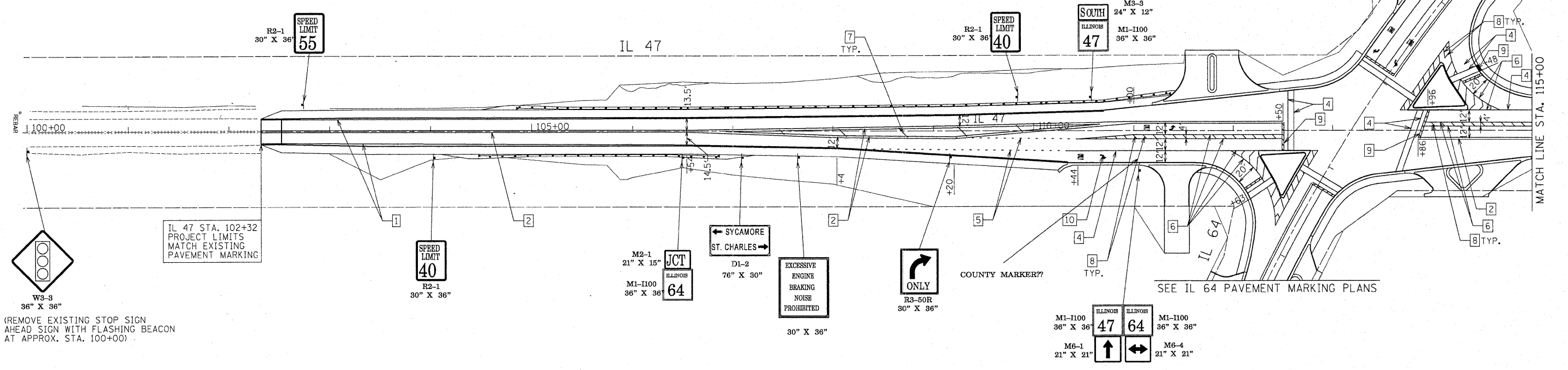
- PAVEMENT MARKING LEGEND**
- 1 PAVEMENT MARKING - LINE 4" WHITE SOLID
 - 2 PAVEMENT MARKING - LINE 4" DOUBLE YELLOW, 2 @ 11" C-C W/ 2 AMBER RPM'S @ 80' C-C
 - 3 PAVEMENT MARKING - LINE 4" WHITE SKIP DASH - 10' DASH, 30' SKIP W/2 CRYSTAL/OPAQUE RPM'S @ 80' C-C
 - 4 PAVEMENT MARKING - LINE 6" WHITE
 - 5 PAVEMENT MARKING - LINE 6" WHITE 2' DASH, 6' SKIP
 - 6 PAVEMENT MARKING - LINE 8" WHITE
 - 7 PAVEMENT MARKING - LINE 12" YELLOW @ 45 DEGREE @ 75' C-C
 - 8 PAVEMENT MARKING - LINE 12" WHITE @ 45 DEGREE @ 10' C-C
 - 9 PAVEMENT MARKING - LINE 24" WHITE
 - 10 PAVEMENT MARKING - LETTERS & SYMBOLS
- NOTE:
 PAVEMENT MARKING ON IL 64 WEST OF STA. 43+14 (HMA PAVEMENT) SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
 PAVEMENT MARKINGS ON IL 64 EAST OF STA. 43+14 AND ON IL 47 (PCC PAVEMENT) SHALL BE POLYUREA PAVEMENT MARKINGS, TYPE II.



FILE NAME = *FILEL*	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS PAVEMENT MARKING AND SIGNING PLANS			F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 79	
	PLOT SCALE = 50,0000' / IN.	DRAWN - AR	REVISED -		SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA. 39+86 TO STA. 62+30	CONTRACT NO. 62278					
	PLOT DATE = 9/13/2011	CHECKED - RS	REVISED -		ILLINOIS FED. AID PROJECT								
	DATE = 09-01-2011	DATE - 09-01-2011	REVISED -										



SEE IL 64 PAVEMENT MARKING PLANS

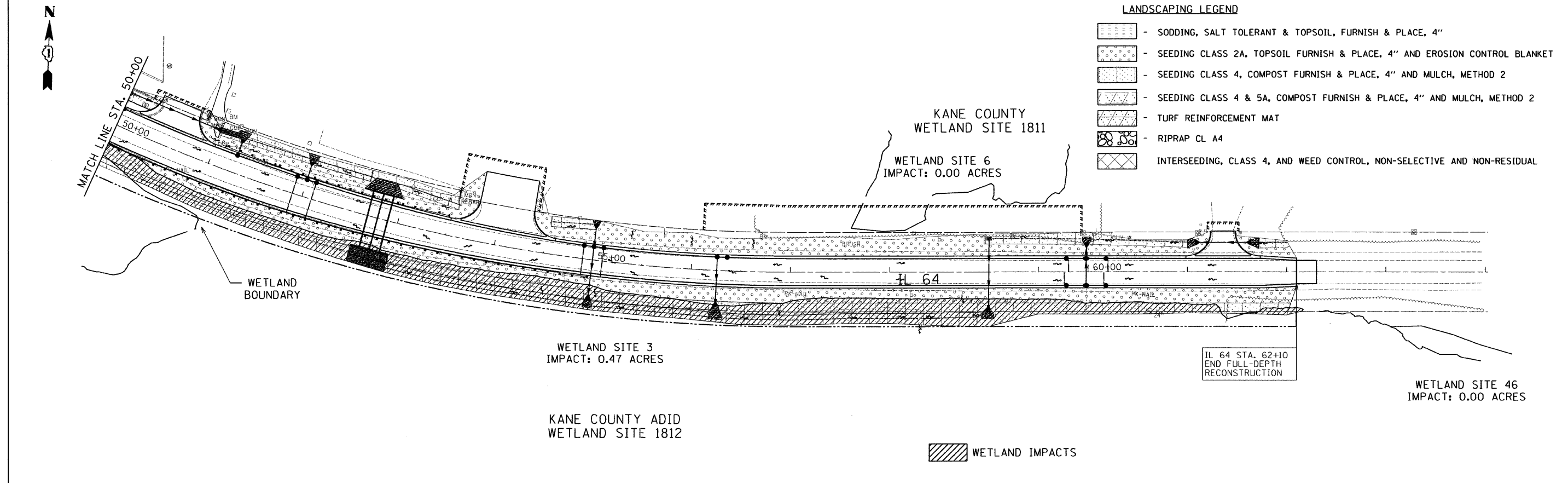
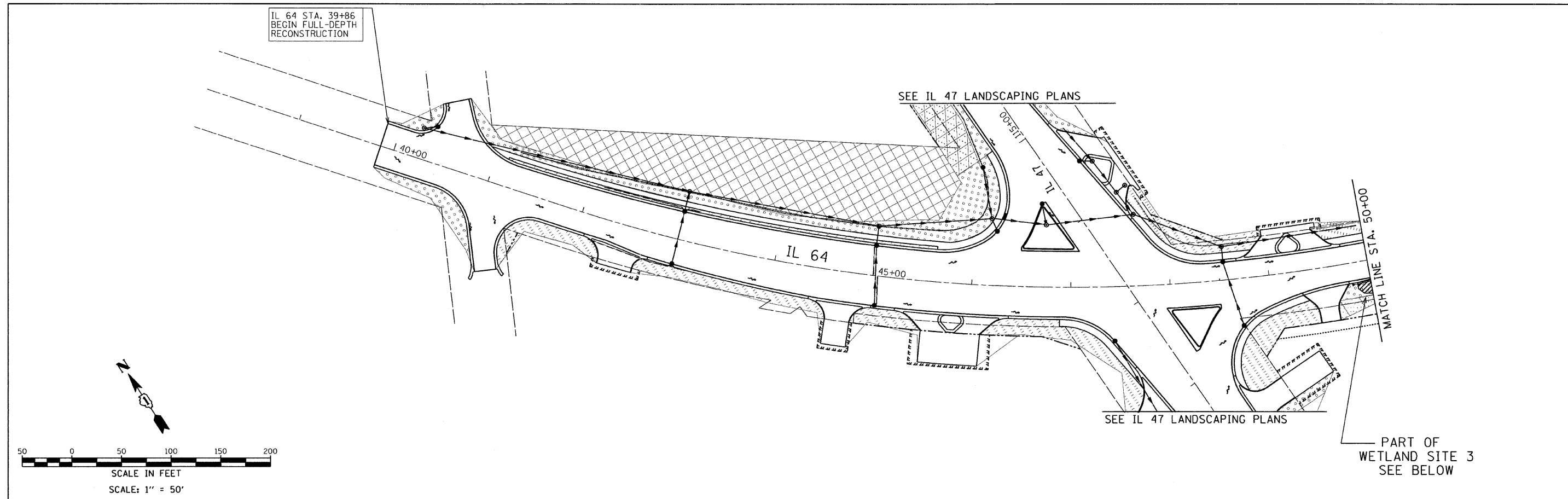


PAVEMENT MARKING LEGEND

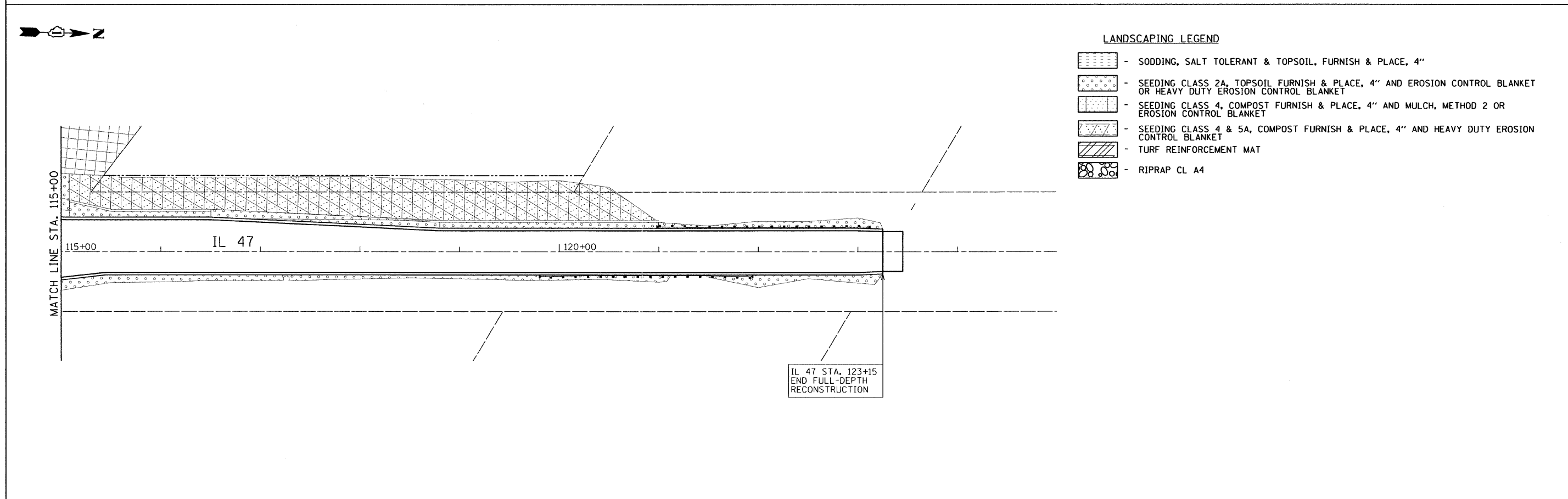
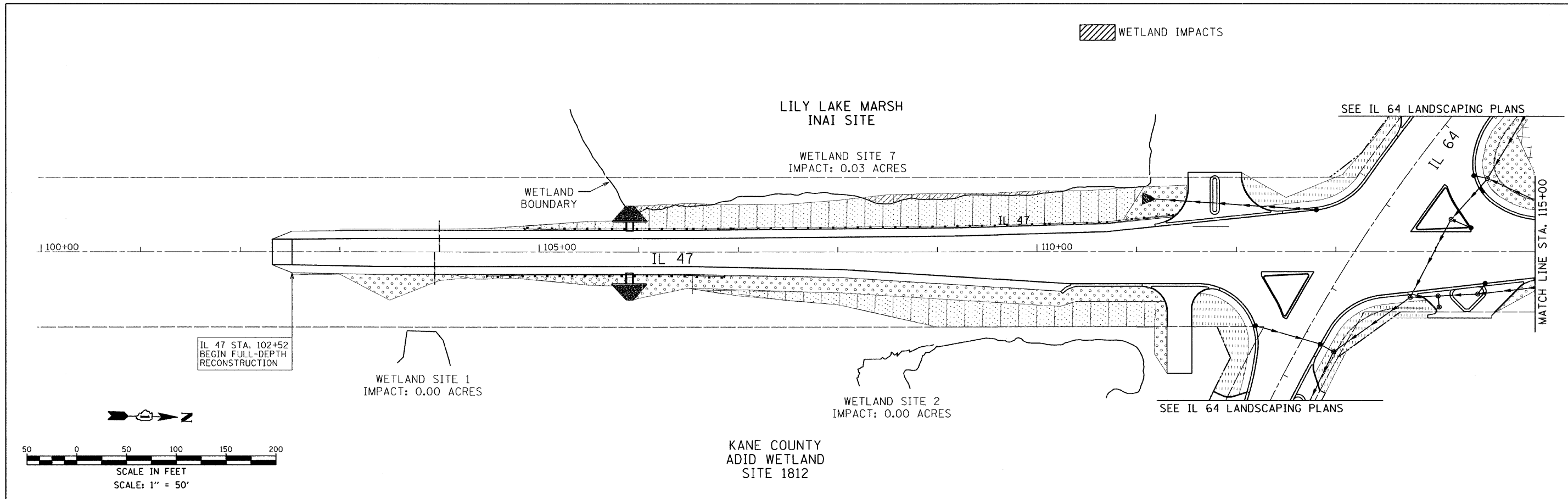
- 1 PAVEMENT MARKING - LINE 4" WHITE SOLID
- 2 PAVEMENT MARKING - LINE 4" DOUBLE YELLOW, 2 @ 11" C-C W/ 2 AMBER RPM'S @ 80' C-C
- 3 PAVEMENT MARKING - LINE 4" WHITE SKIP DASH - 10' DASH, 30' SKIP W/2 CRYSTAL/OPAQUE RPM'S @ 80' C-C
- 4 PAVEMENT MARKING - LINE 6" WHITE
- 5 PAVEMENT MARKING - LINE 6" WHITE 2' DASH, 6' SKIP
- 6 PAVEMENT MARKING - LINE 8" WHITE
- 7 PAVEMENT MARKING - LINE 12" YELLOW @ 45 DEGREE @ 75' C-C
- 8 PAVEMENT MARKING - LINE 12" WHITE @ 45 DEGREE @ 10' C-C
- 9 PAVEMENT MARKING - LINE 24" WHITE
- 10 PAVEMENT MARKING - LETTERS & SYMBOLS

NOTE:
 PAVEMENT MARKING ON IL 64 WEST OF STA. 43+14 (HMA PAVEMENT) SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
 PAVEMENT MARKINGS ON IL 64 EAST OF STA. 43+14 AND ON IL 47 (PCC PAVEMENT) SHALL BE POLYUREA PAVEMENT MARKINGS, TYPE II.

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS PAVEMENT MARKING AND SIGNING PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = 50.0000' / IN.	DRAWN - AR	REVISED -			307	126N-1	KANE	156	80	
	PLOT DATE = 9/13/2011	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
		DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 50	SHEET NO. 2 OF 2 SHEETS	STA. 102+32	TO STA. 123+45		



FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS LANDSCAPING PLANS				F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 81
FILEL	10-12-2011	DRAWN - AR	REVISED -		SCALE: 50	SHEET NO. 1	OF 2 SHEETS	STA. 39+86	TO STA. 62+10	CONTRACT NO. 62278			
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -										

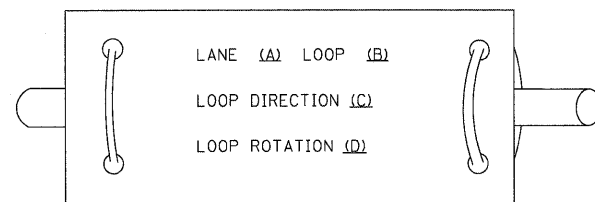


FILE NAME =	USER NAME = USER.	DESIGNED - AR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 64 AT IL 47 INTERSECTION IMPROVEMENTS LANDSCAPING PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	10-12-2011	DRAWN - AR	REVISED -			307	126N-1	KANE	156	82	
	PLOT SCALE = 50,0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
	PLOT DATE = 10/11/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 50	SHEET NO. 2 OF 2 SHEETS	STA. 102+52 TO STA. 123+15					

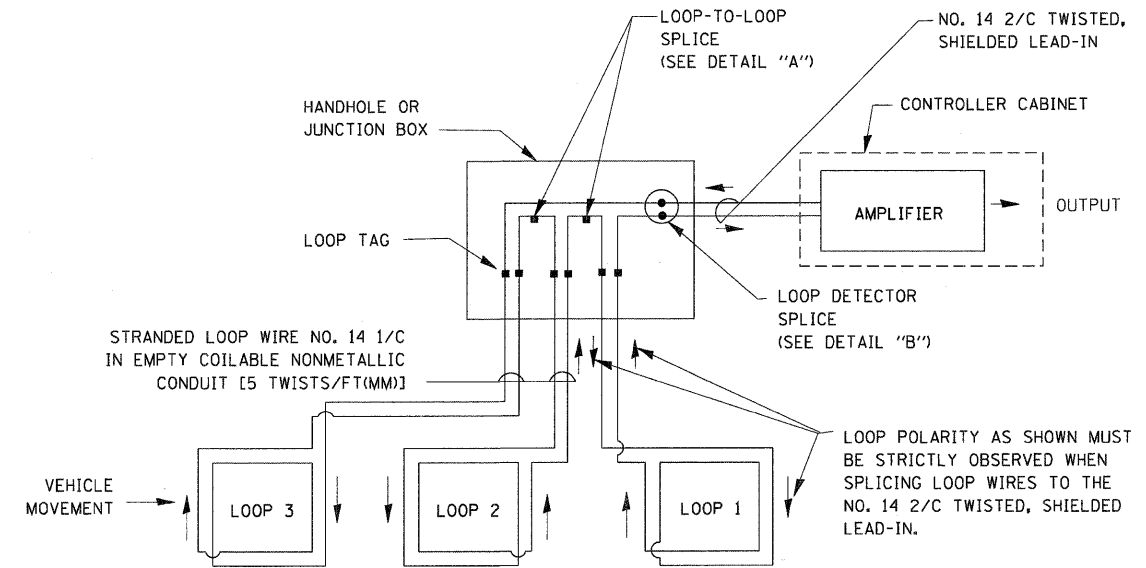
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

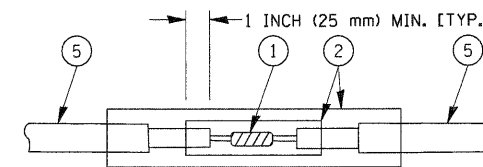


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

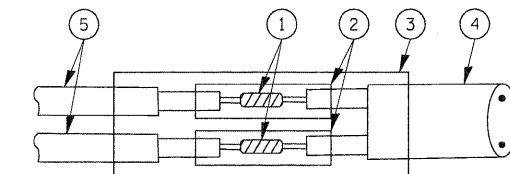


DETECTOR LOOP WIRING SCHEMATIC

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

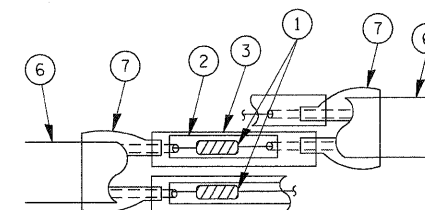


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

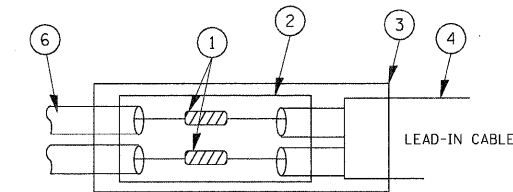


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

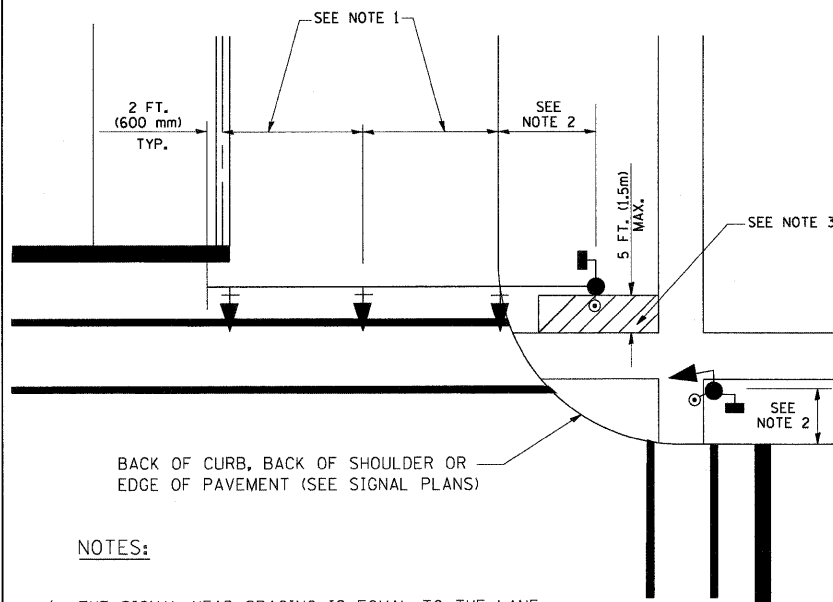
LOOP DETECTOR SPLICE

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

FILE NAME =	USER NAME = bauerd	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwid\BAUERDL\c0108315\ts05.dgn	DRAWN - BCK	CHECKED - DAD	REVISED -			307	126N-1	KANE	156	83	
PLOT SCALE = 50.0000' / IN.	DATE - 10-28-09	REVISIONS				TS-05		CONTRACT NO. 62278			
PLOT DATE = 11/4/2009						SCALE: NONE	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

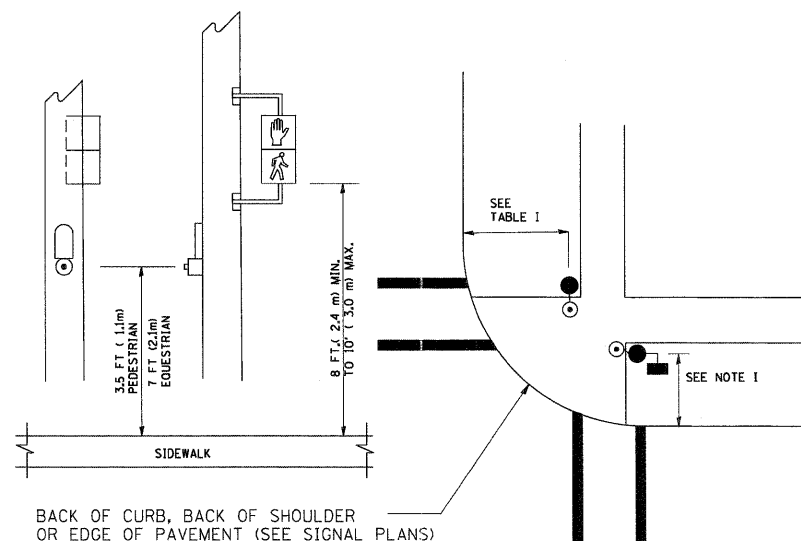
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

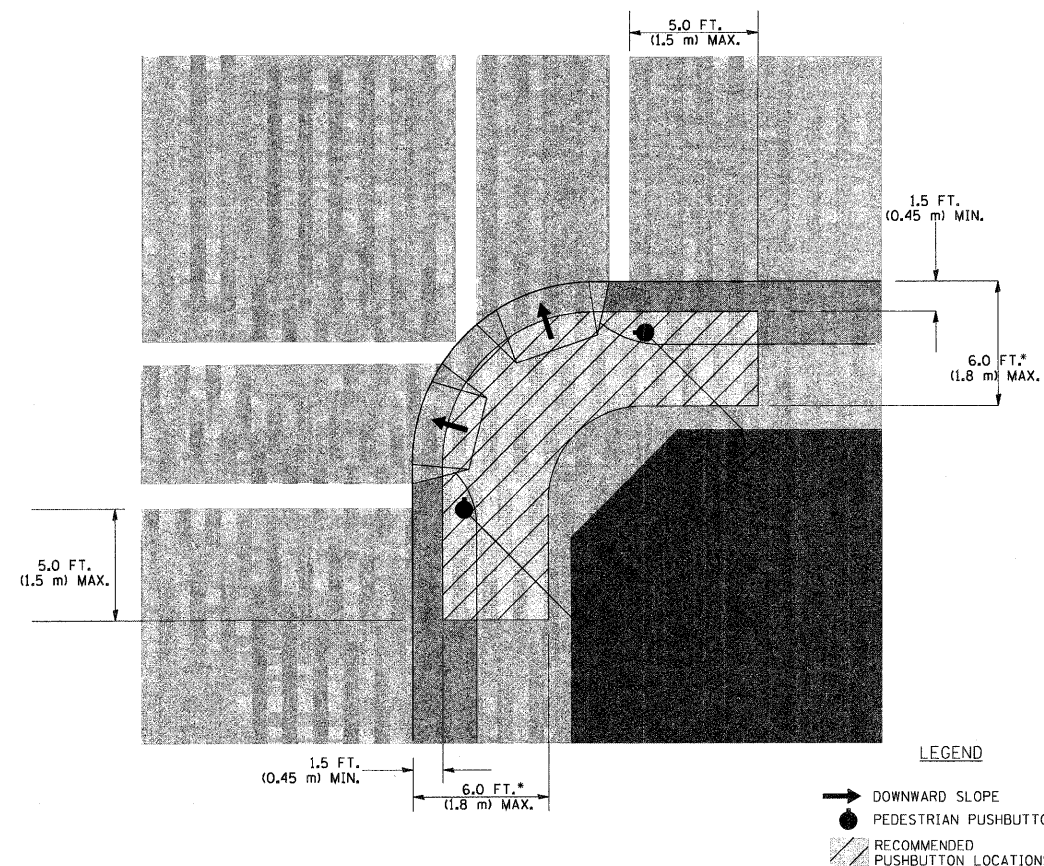
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

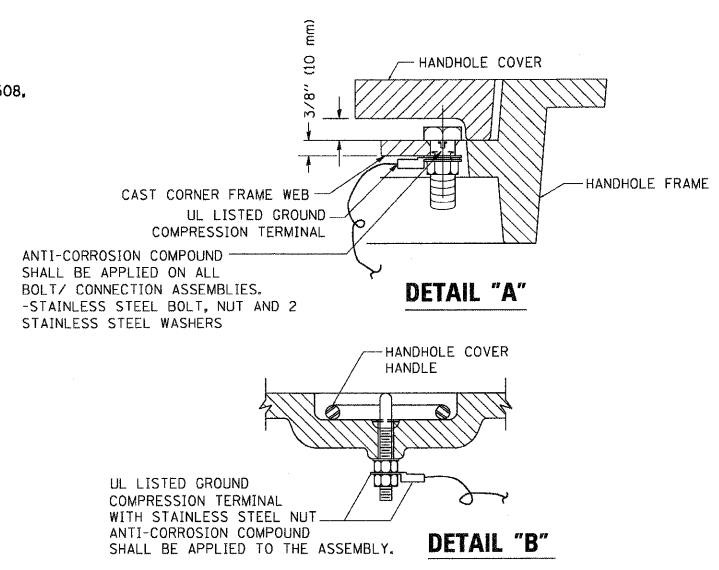
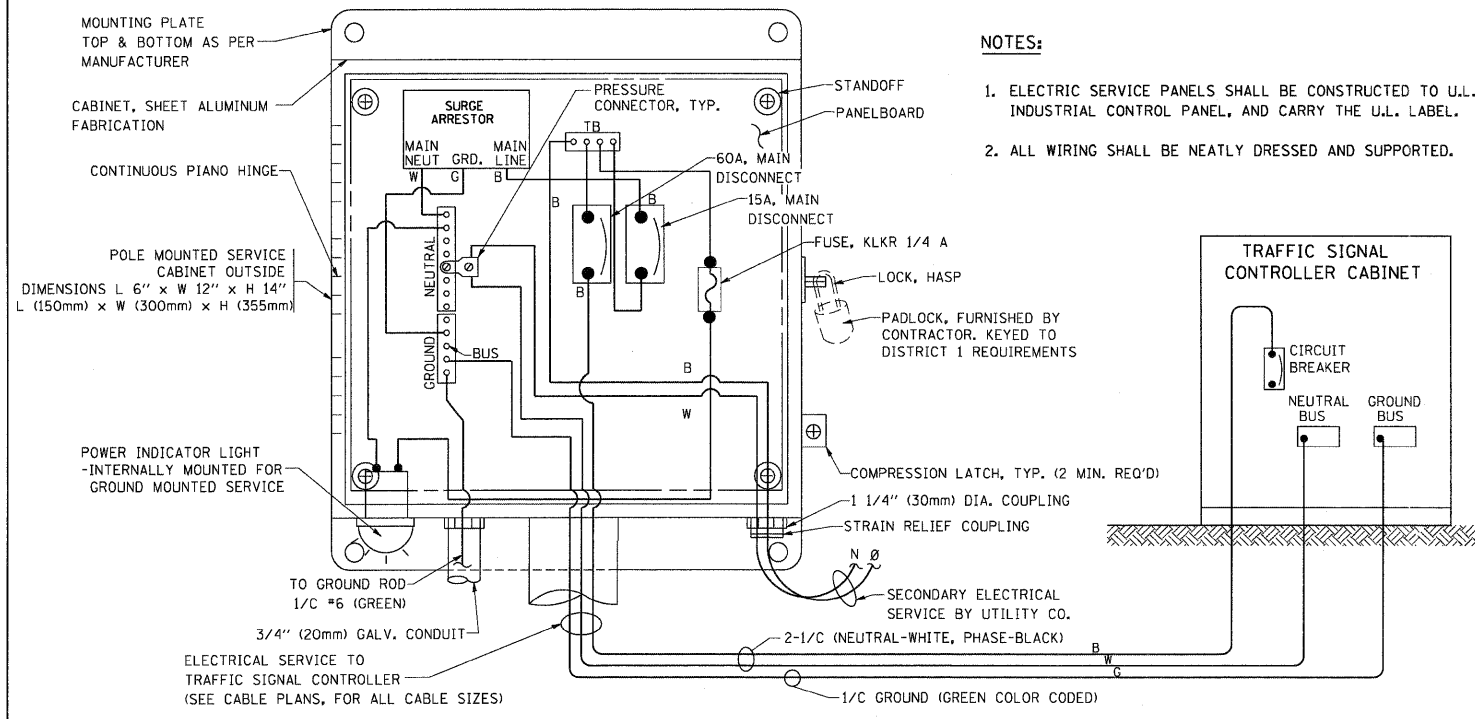
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

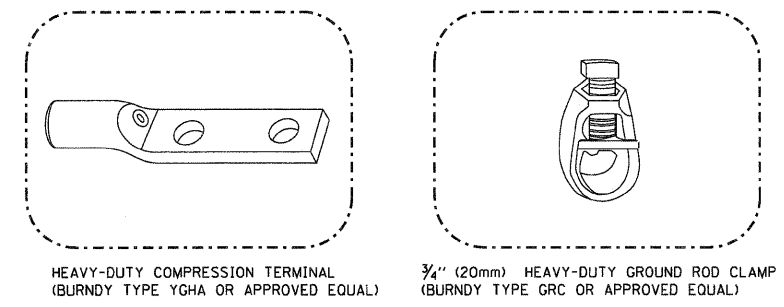
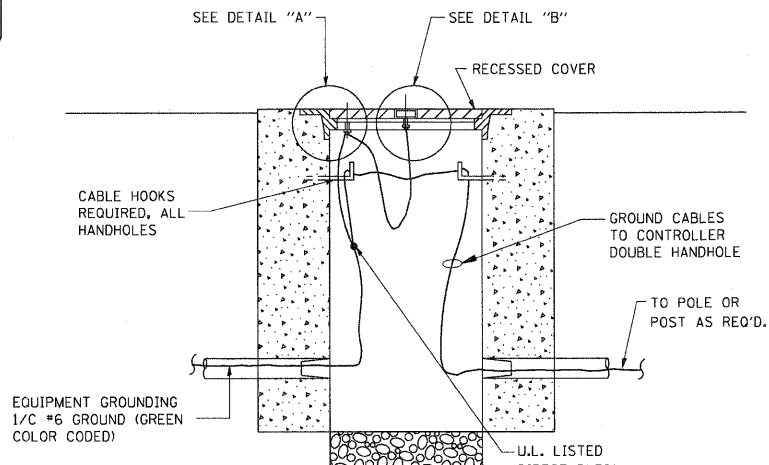
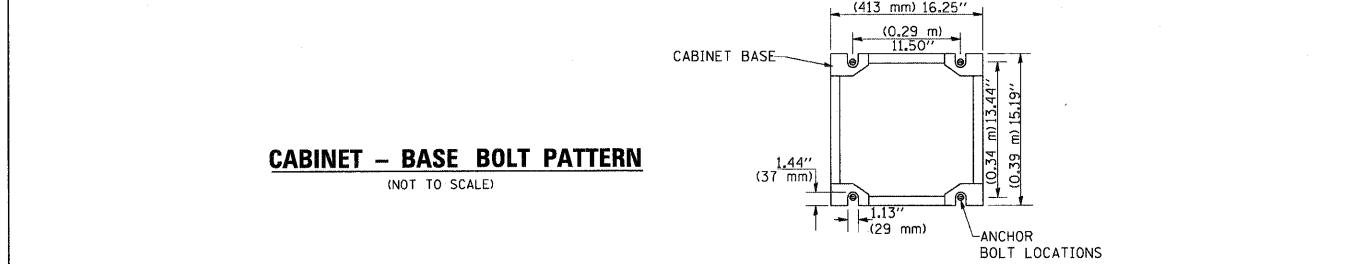
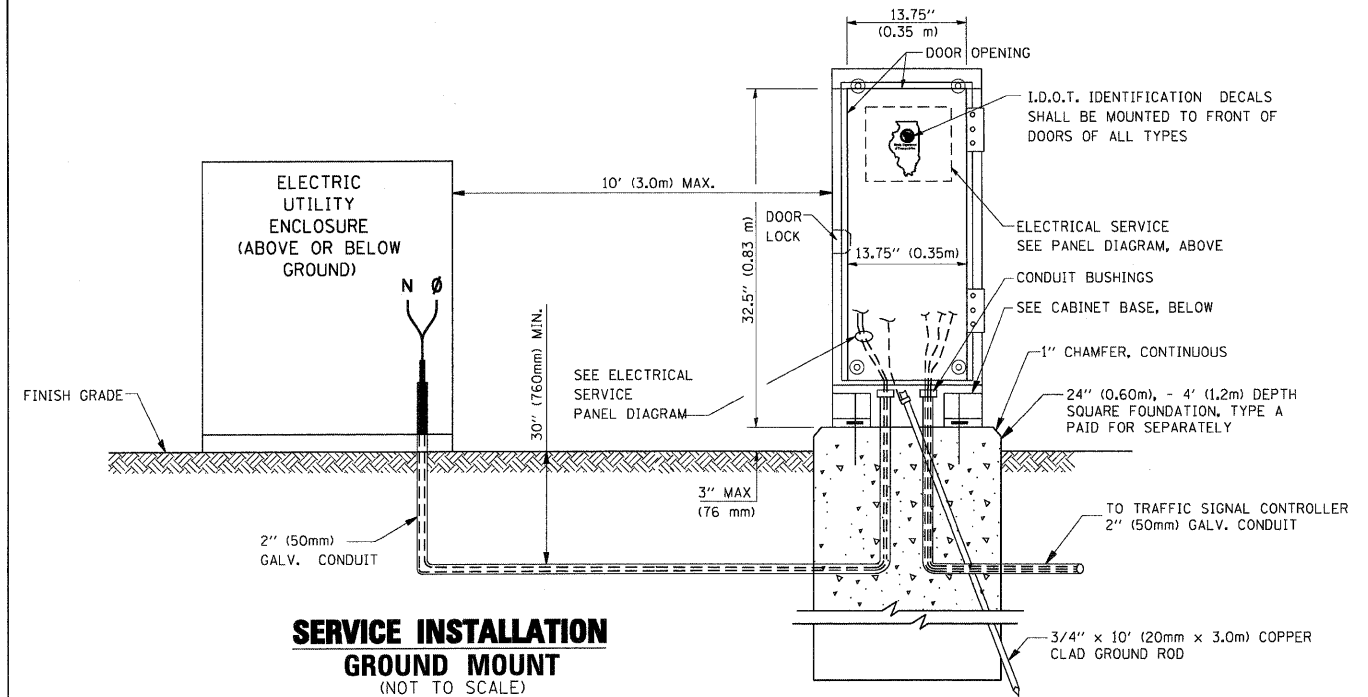
NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD AFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

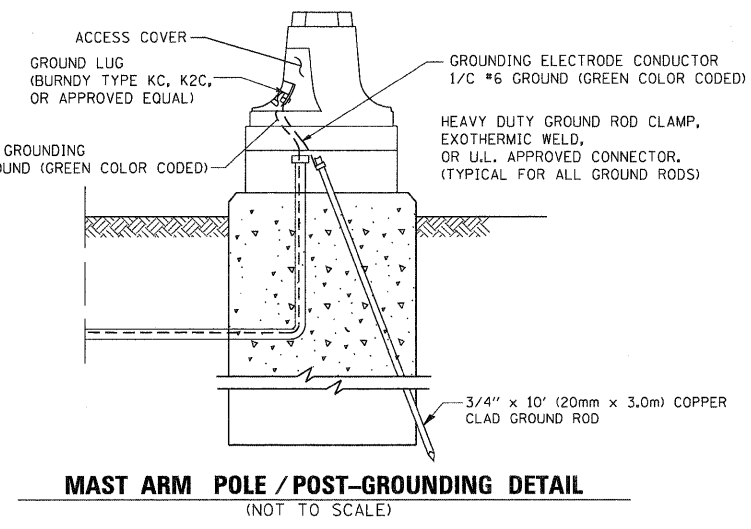
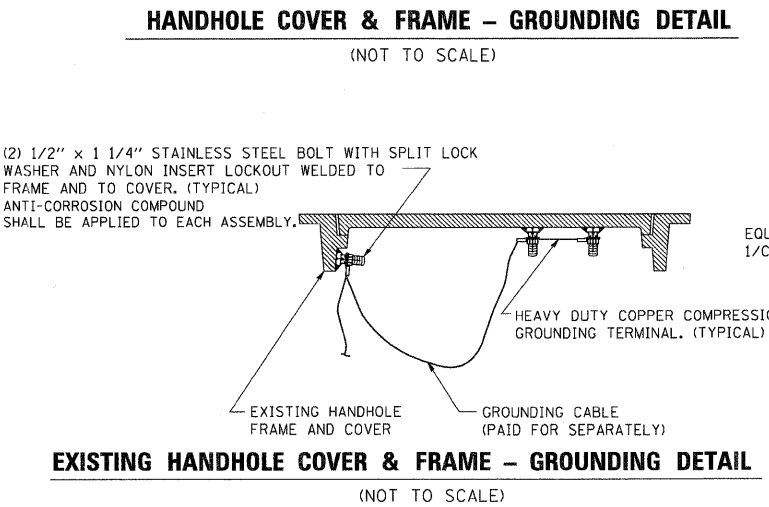


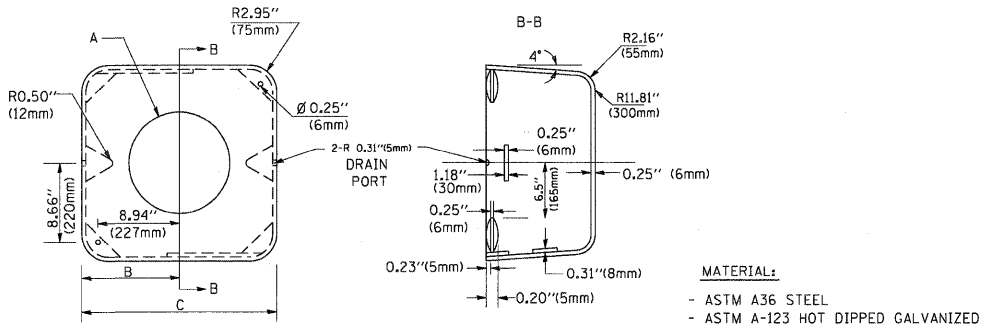
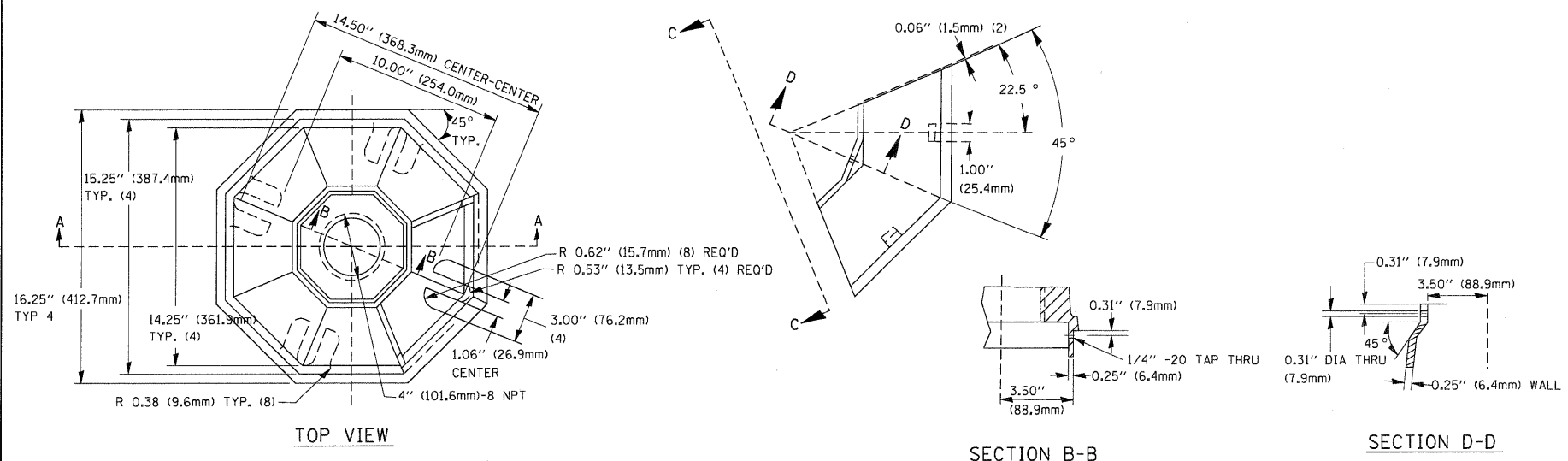
- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



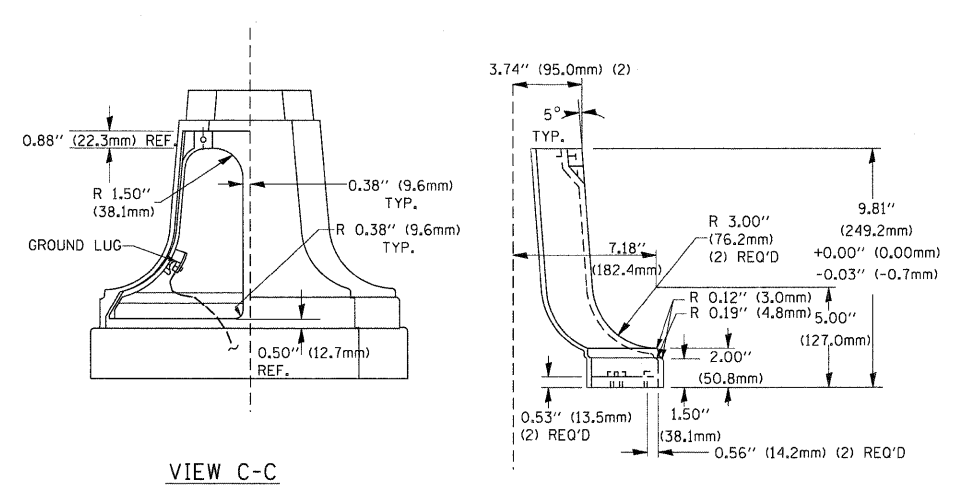
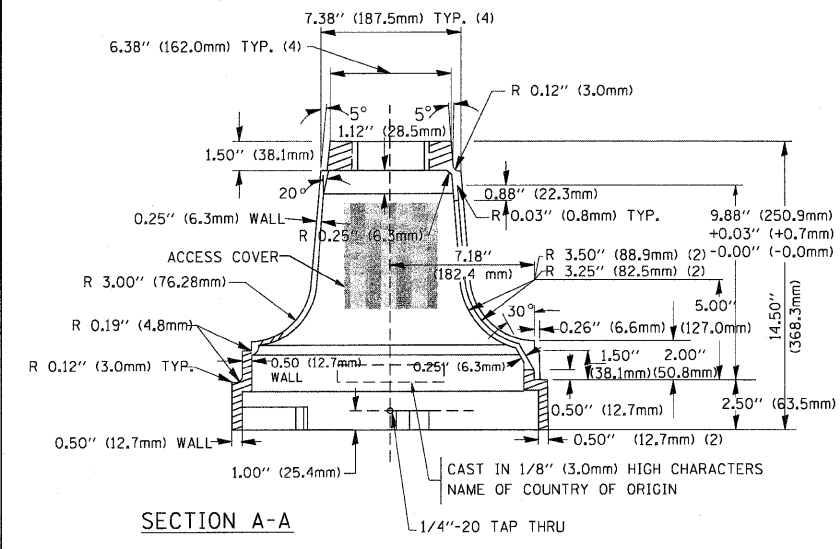
- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



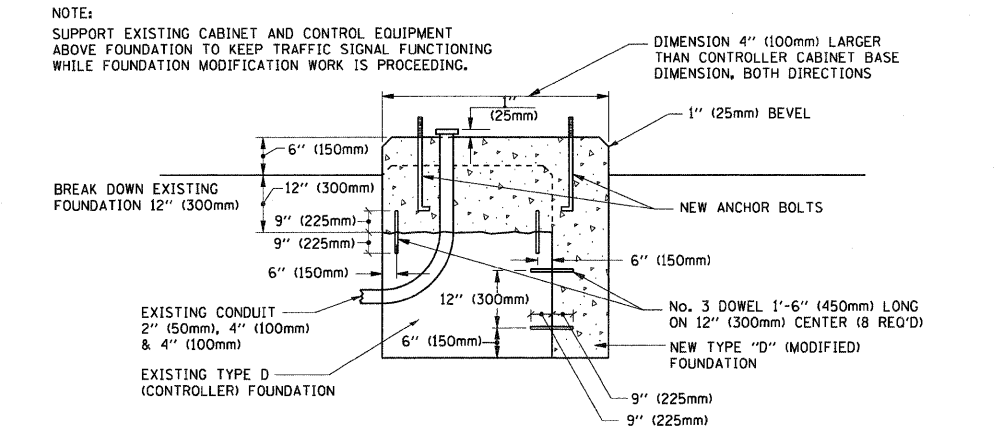


	A	B	C	HEIGHT	WEIGHT
VARIES	9.5\"(241mm)	19\"(483mm)	7\"(178mm)	7\"(178mm) - 12\"(300mm)	53 lbs (24kg)
VARIES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm)	7\"(178mm) - 12\"(300mm)	68 lbs (31 kg)
VARIES	13.0\"(330mm)	26\"(660mm)	7\"(178mm)	7\"(178mm) - 12\"(300mm)	81 lbs (37 kg)
VARIES	18.5\"(470mm)	37\"(940mm)	7\"(178mm)	7\"(178mm) - 12\"(300mm)	126 lbs (57 kg)

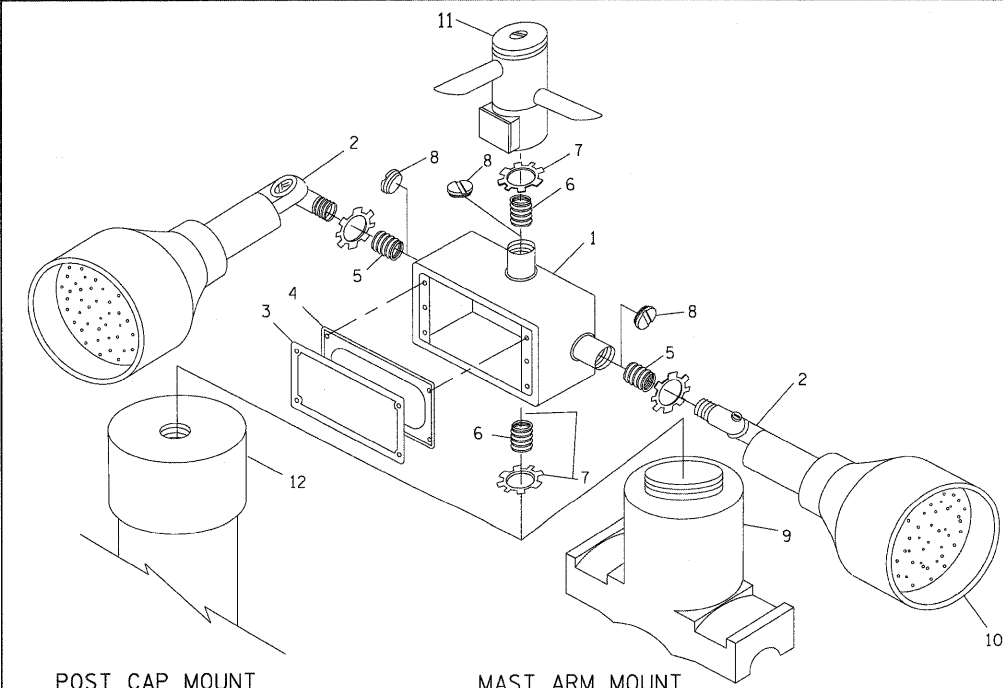
- NOTES:**
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

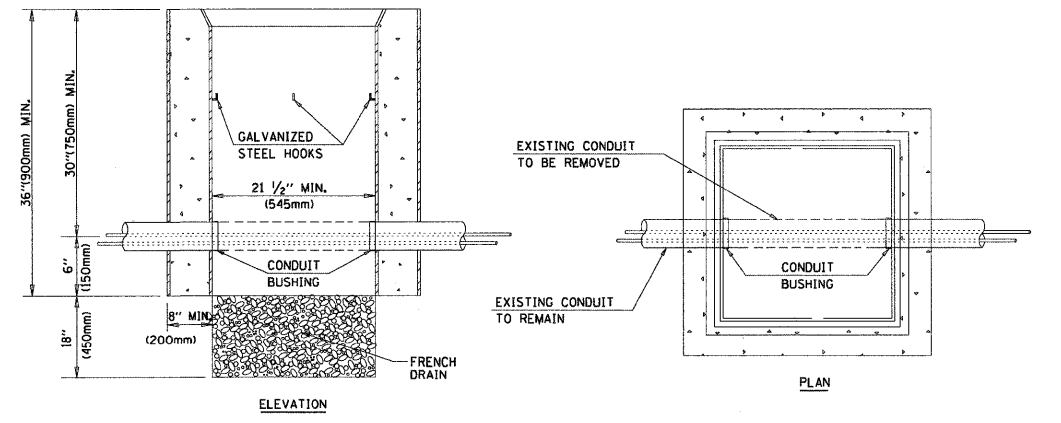


MODIFY EXISTING TYPE "D" FOUNDATION



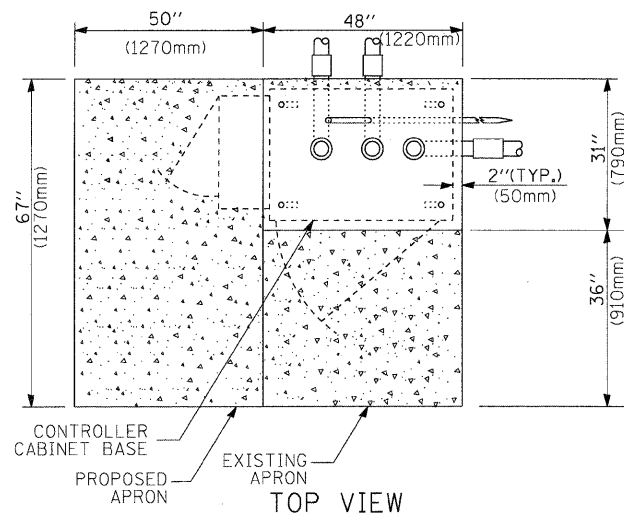
ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

- NOTES:**
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

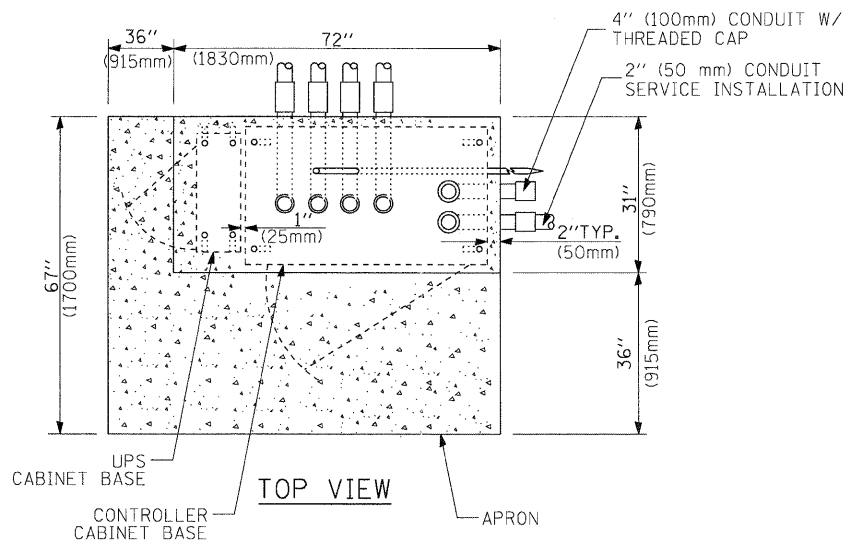
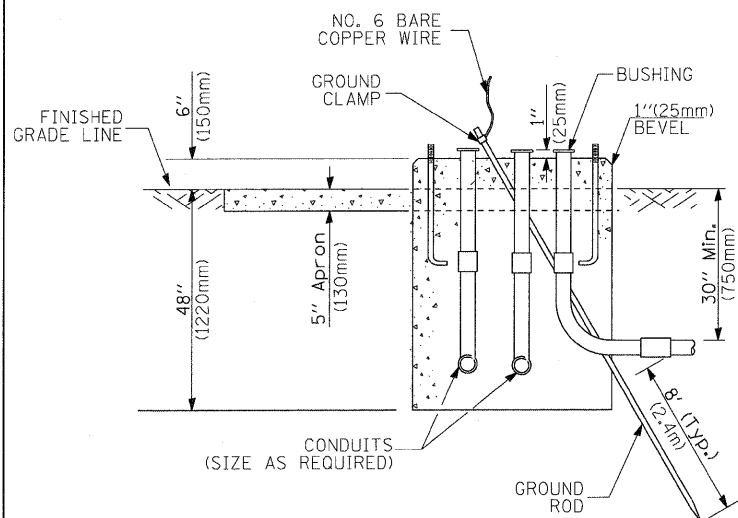


- NOTES:**
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

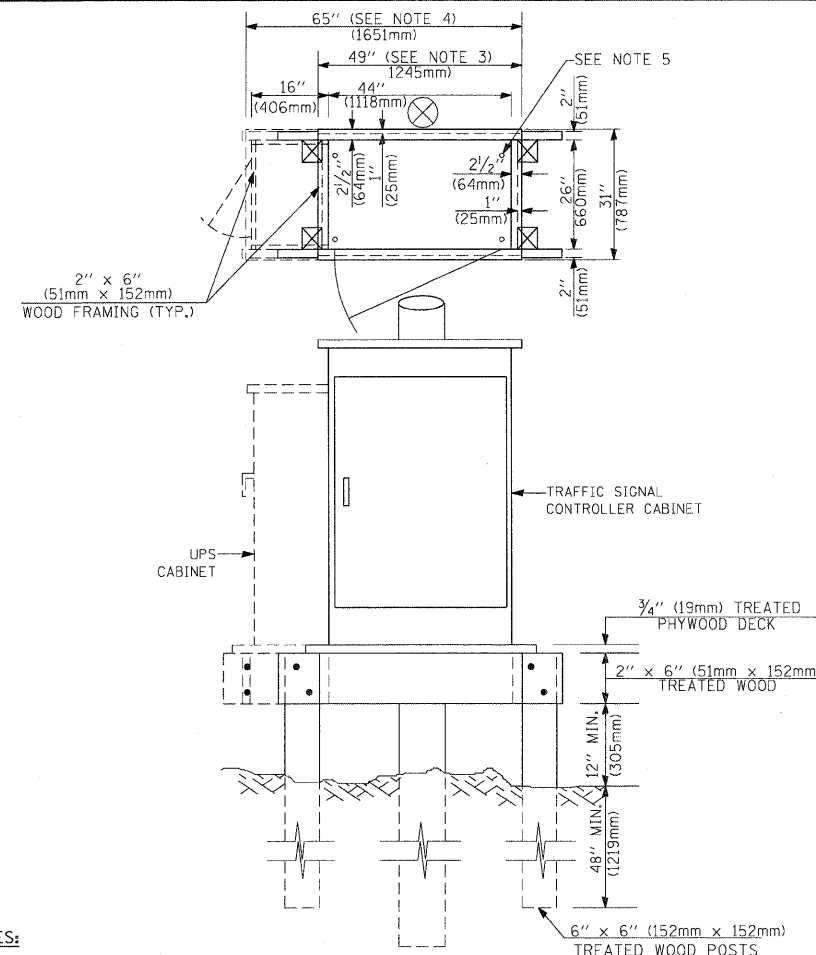
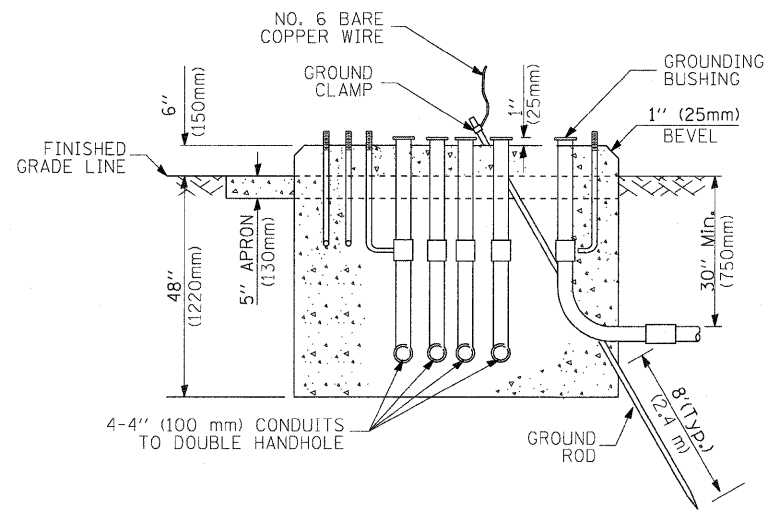
HANDHOLE TO INTERCEPT EXISTING CONDUIT



**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



**TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

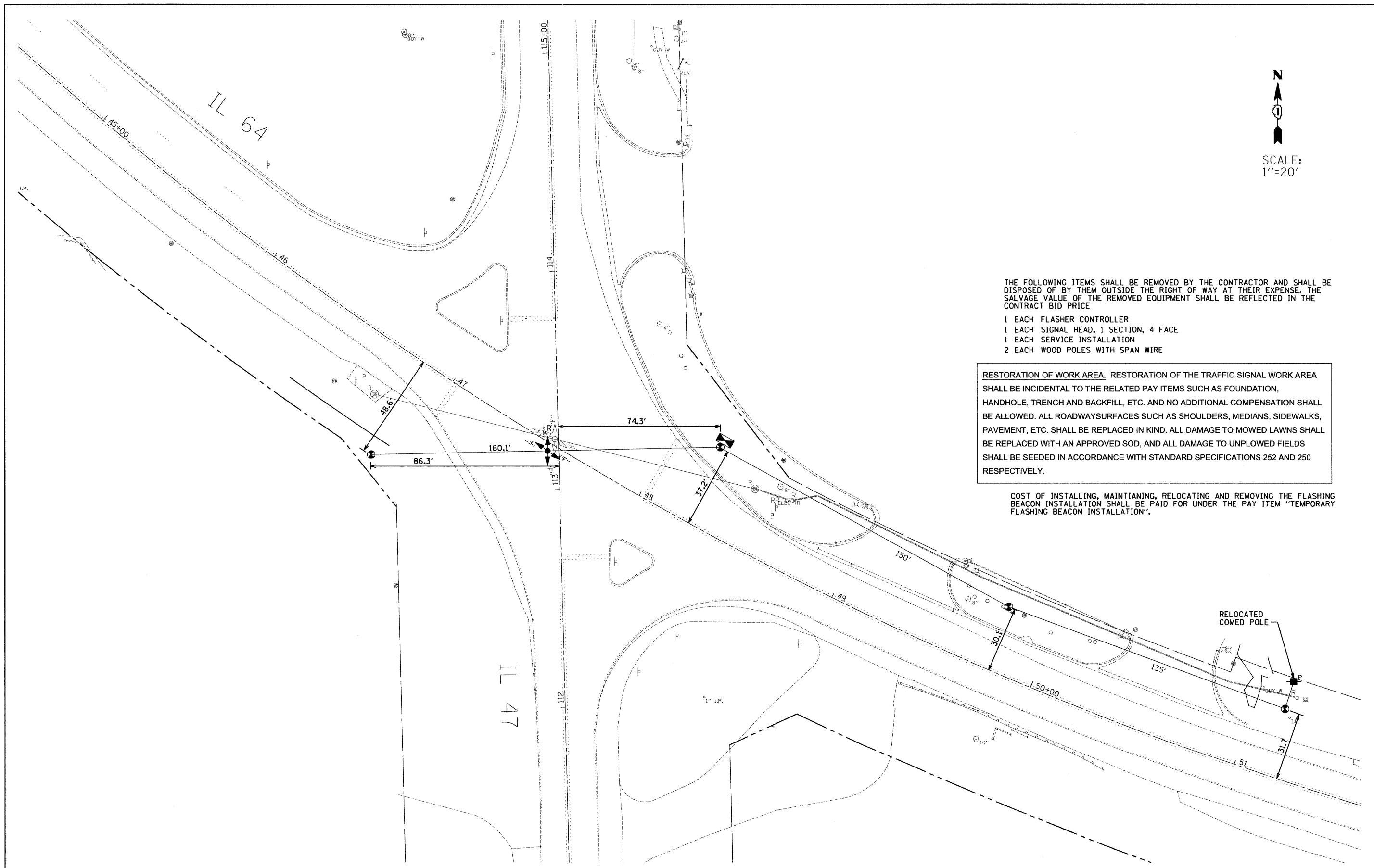
Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E



SCALE:
1"=20'



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

- 1 EACH FLASHER CONTROLLER
- 1 EACH SIGNAL HEAD, 1 SECTION, 4 FACE
- 1 EACH SERVICE INSTALLATION
- 2 EACH WOOD POLES WITH SPAN WIRE

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

COST OF INSTALLING, MAINTIANING, RELOCATING AND REMOVING THE FLASHING BEACON INSTALLATION SHALL BE PAID FOR UNDER THE PAY ITEM "TEMPORARY FLASHING BEACON INSTALLATION".

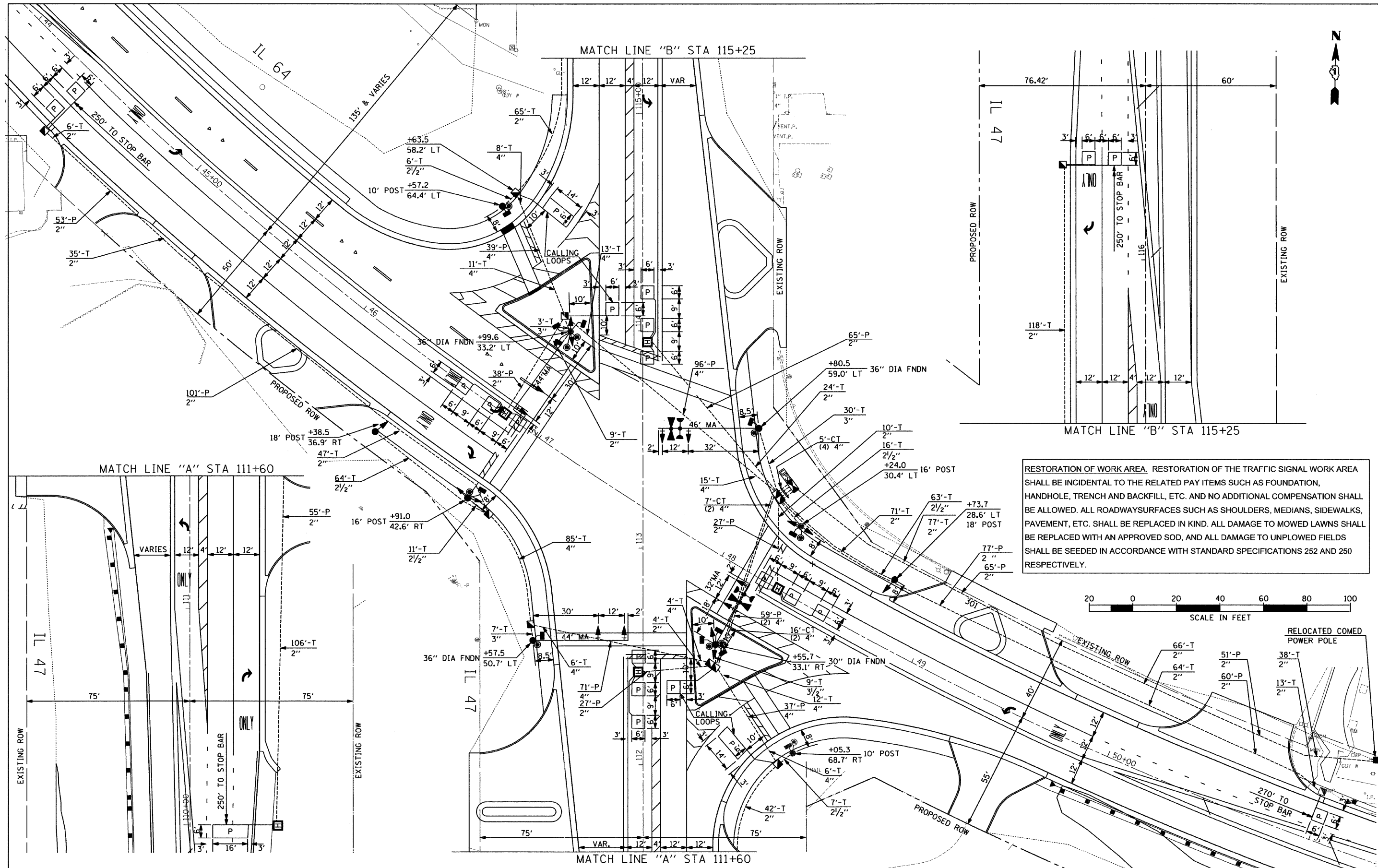
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

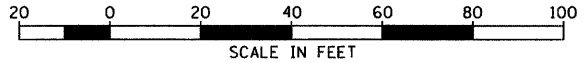
IL 64 AND IL 47
TEMPORARY FLASHING BEACON INSTALLATION
AND EXISTING EQUIPMENT REMOVAL PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	89
CONTRACT NO. 62278				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.



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



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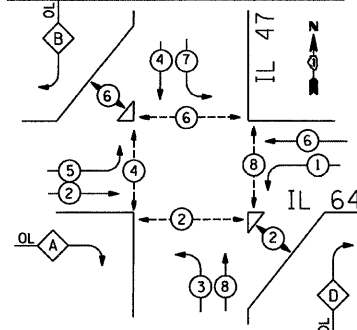
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 64 AT IL 47 INTERSECTION IMPROVEMENTS
PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	90
CONTRACT NO. 62278				
ILLINOIS FED. AID PROJECT				

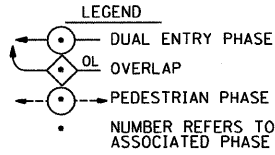
SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

CONTROLLER SEQUENCE

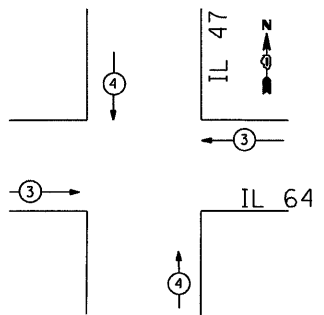


OVERLAP LETTER	PERMITTED PHASE	PROTECTED PHASE
A	2	3
B	4	5
D	8	1

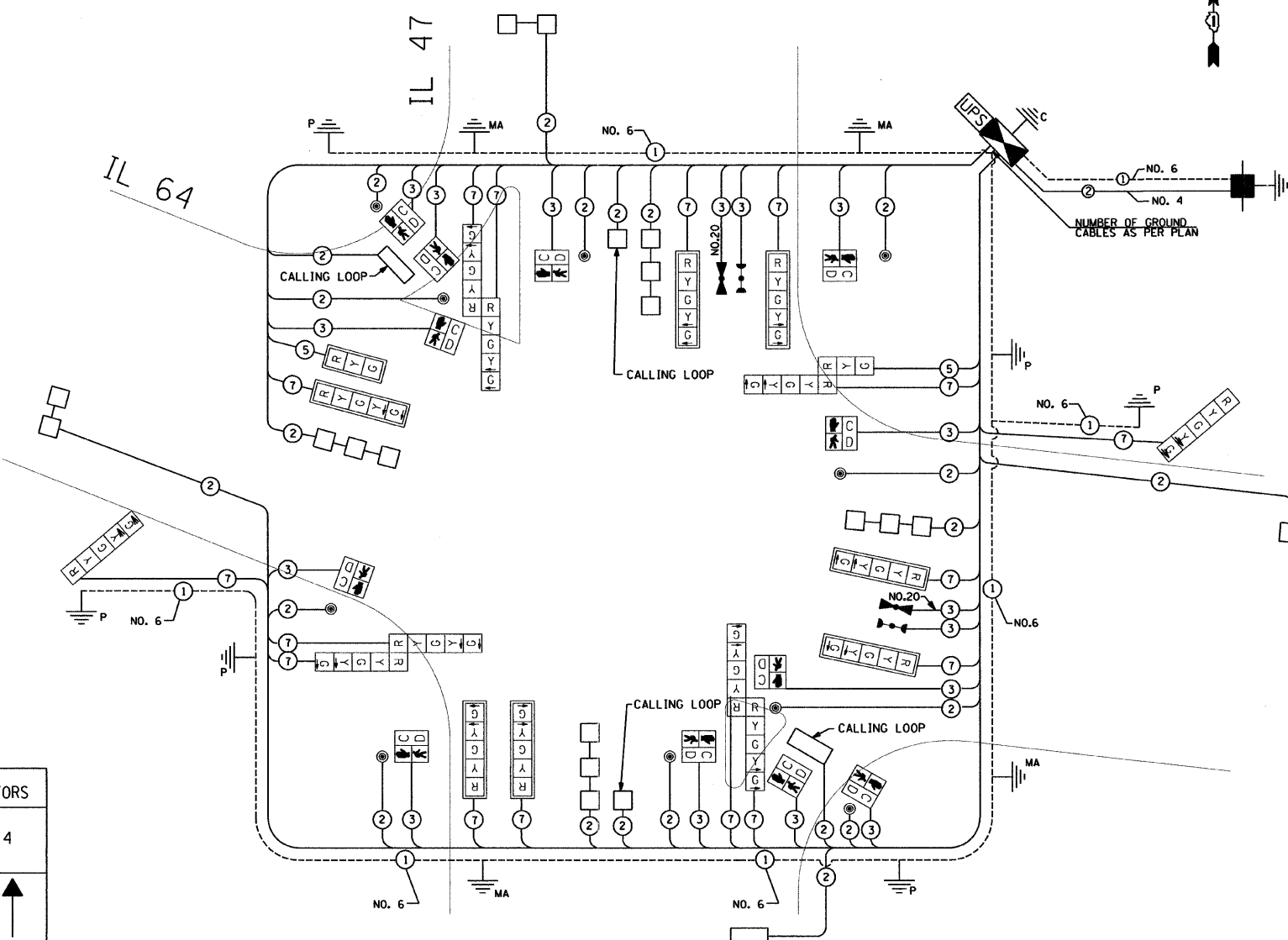
PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	30
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	824
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	185
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	49
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	12
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	226
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	619
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	361
HANDHOLE	EACH	8
HEAVY-DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,246
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,677
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,293
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	268
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,094
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,819
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	320
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,702
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	12
PREFORMED DETECTOR LOOP	FOOT	740
PEDESTRIAN PUSH-BUTTON	EACH	10
TEMPORARY FLASHING BEACON INSTALLATION	EACH	1
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	279
100% ELBURN & COUNTRYSIDE FIRE PROTECTION DISTRICT		

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND)	LED	% OPERATION	
SIGNAL (RED)	18		17	0.50	153
(YELLOW)	18		25	0.25	112.5
(GREEN)	18		15	0.25	67.5
ARROW	32		12	0.10	38.4
PED. SIGNAL	12		25	1.00	300.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN			25	0.05	
FLASHER			25		
TOTAL =					771.4

ENERGY COST TO: Illinois Department of Transportation
 Division of Highways / District 1
 201 W. CENTER COURT, SCHAUMBURG, IL 60196
 ENERGY SUPPLY: CONTACT: Tom Perkins
 PHONE: (630) 723-2127
 COMPANY: ComEd

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

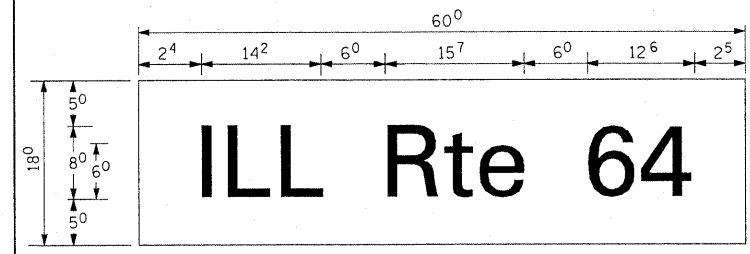
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

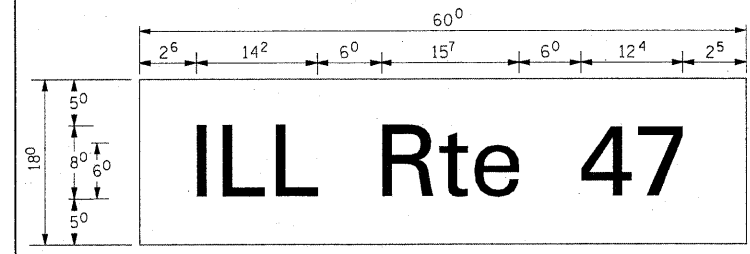
**IL 64 AND IL 47
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE
PREEMPTION SEQUENCE & SCHEDULE OF QUANTITIES**

F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 91
CONTRACT NO. 62278				ILLINOIS FED. AID PROJECT

EXAMPLE, 2³ DENOTES $\frac{3}{8}$

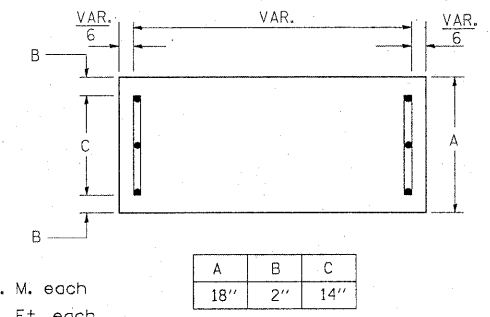


PANEL SIGN DESIGN TYPE 1



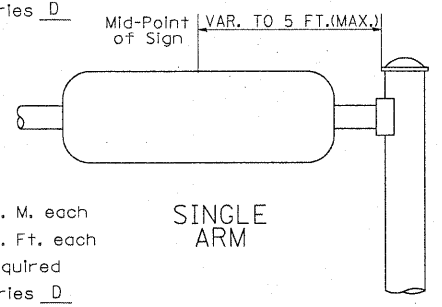
PANEL SIGN DESIGN TYPE 1

SUPPORTING CHANNELS



Sq. M. each
7.50 Sq. Ft. each
2 Required
Design Series D

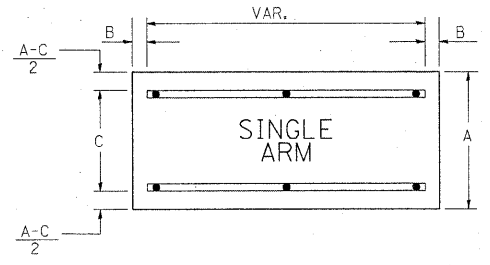
A	B	C
18"	2"	14"



SINGLE ARM

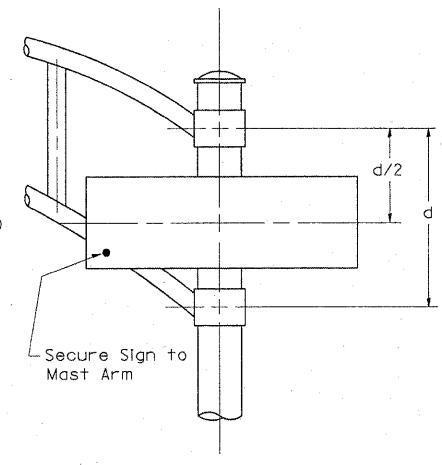
Sq. M. each
7.50 Sq. Ft. each
2 Required
Design Series D

SUPPORTING CHANNELS



SINGLE ARM

A	B	C
18"	2"	12"
30"	2"	22"



DUAL ARM

SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM

Shall be used. See Note #5.

Upper Case To Lower Case Spacing Chart 8-6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a	c	d	e	b	h	k	i	f	w	j	s	t	v	y	x
A W X	1 2	1 4	1 4	1 5	1 2	1 4	0 6	1 0	1 1	1 4	0 6	1 0	1 1	1 2	1 2	1 4
B	1 4	1 5	2 0	2 1	1 4	1 5	1 1	1 2	1 4	1 5	1 2	1 4	1 2	1 4	1 6	1 7
C E G	1 4	1 5	2 0	2 1	1 2	1 4	0 6	1 0	1 2	1 4	1 2	1 4	1 4	1 5	1 4	1 5
D O O R	1 4	1 5	2 0	2 1	1 4	1 5	0 6	1 0	1 2	1 4	1 2	1 4	1 4	1 5	1 4	1 5
F	0 5	0 6	1 4	1 5	0 6	1 0	0 5	0 6	0 6	1 0	0 6	1 0	0 6	1 0	1 1	1 2
H I M N	2 0	2 1	2 2	2 4	2 0	2 1	1 4	1 5	1 6	1 7	1 6	1 7	2 0	2 1	2 0	2 1
J U	2 0	2 1	2 0	2 1	1 6	1 7	1 4	1 5	1 6	1 7	1 6	1 7	1 6	1 7	2 0	2 1
K L	1 1	1 2	1 6	1 7	1 1	1 2	0 5	0 6	1 1	1 2	1 1	1 2	1 1	1 2	1 2	1 4
P	1 2	1 4	1 4	1 5	1 2	1 4	0 5	0 6	1 1	1 2	1 1	1 2	1 2	1 4	1 2	1 4
S	1 2	1 4	1 6	1 7	1 2	1 4	0 6	1 0	1 2	1 4	1 2	1 4	1 2	1 4	1 2	1 4
T	1 1	1 2	1 6	1 7	0 6	1 0	0 6	1 0	1 1	1 2	1 1	1 2	1 1	1 2	1 2	1 4
V	0 6	1 0	1 4	1 5	1 1	1 2	0 6	1 0	1 2	1 4	1 2	1 4	1 2	1 4	1 2	1 4
Y	0 5	0 6	1 4	1 5	0 6	1 0	0 5	0 6	0 5	0 7	0 5	0 6	0 6	1 0	1 1	1 2
Z	1 6	1 7	2 2	2 4	1 6	1 7	1 2	1 4	1 6	1 7	1 6	1 7	1 6	1 7	2 0	2 1

Lower Case To Lower Case Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a	c	d	e	b	h	k	i	f	w	j	s	t	v	y	x
a d h g i j	1 6	1 7	2 2	2 4	1 6	1 7	1 2	1 4	1 4	1 5	1 4	1 5	1 6	1 7	1 6	1 7
l m n q u	1 2	1 4	1 6	1 7	1 1	1 2	0 5	0 6	1 1	1 1	1 1	1 2	1 2	1 4	1 2	1 4
b f k o p s	1 2	1 4	1 6	1 7	1 2	1 4	0 6	1 0	1 2	1 4	1 2	1 4	1 2	1 4	1 2	1 4
c e	1 2	1 4	1 6	1 7	1 2	1 4	0 6	1 0	1 2	1 4	1 2	1 4	1 2	1 4	1 2	1 4
r	0 6	1 0	1 2	1 4	0 6	1 0	0 3	0 3	0 5	0 6	0 5	0 6	0 6	1 0	0 6	1 0
t z	1 2	1 4	1 6	1 7	1 2	1 4	0 6	1 0	1 1	1 2	1 1	1 2	1 2	1 4	1 2	1 4
v y	1 1	1 2	1 4	1 5	1 1	1 2	0 5	0 6	0 6	1 0	0 6	1 0	1 1	1 2	1 1	1 2
w	1 1	1 2	1 4	1 5	1 1	1 2	0 5	0 6	1 1	1 2	1 1	1 2	1 1	1 2	1 2	1 4
x	1 2	1 4	1 6	1 7	1 1	1 2	0 5	0 6	1 1	1 2	1 1	1 2	1 1	1 2	1 2	1 4

Number To Number Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																			
	0	1	2	3	4	5	6	7	8	9										
0 9	1 6	1 7	1 6	1 7	1 4	1 5	1 2	1 4	1 4	1 5	1 4	1 5	1 6	1 7	1 2	1 4	1 6	1 7	1 6	1 7
1	2 0	2 1	2 0	2 1	2 0	2 1	1 6	1 7	1 4	1 5	2 0	2 1	2 0	2 1	1 4	1 5	2 0	2 1	2 0	2 1
2 3 4	1 4	1 5	1 4	1 5	1 4	1 5	1 2	1 4	1 2	1 4	1 4	1 5	1 4	1 5	1 1	1 2	1 6	1 7	1 4	1 5
5	1 4	1 5	1 4	1 5	1 4	1 5	1 1	1 2	1 1	1 2	1 4	1 5	1 4	1 5	1 1	1 2	1 4	1 5	1 4	1 5
6	1 6	1 7	1 4	1 5	1 4	1 5	1 2	1 5	1 2	1 4	1 4	1 5	1 4	1 5	1 1	1 2	1 4	1 5	1 4	1 5
7	1 2	1 4	1 2	1 4	1 4	1 5	1 2	1 5	0 5	0 6	1 2	1 4	1 4	1 5	1 1	1 2	1 4	1 5	1 2	1 4
8	1 6	1 7	1 6	1 7	1 4	1 5	1 2	1 5	1 2	1 4	1 4	1 5	1 6	1 7	1 2	1 4	1 6	1 7	1 4	1 5

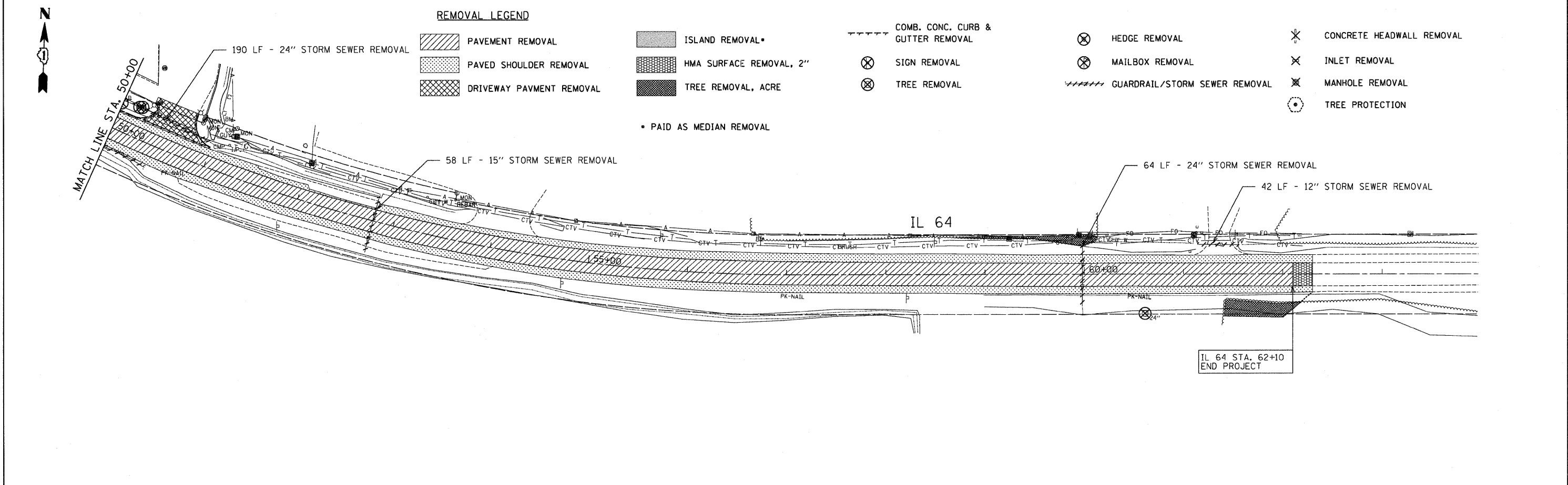
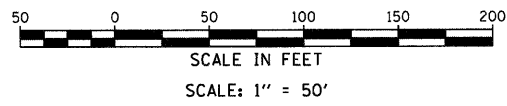
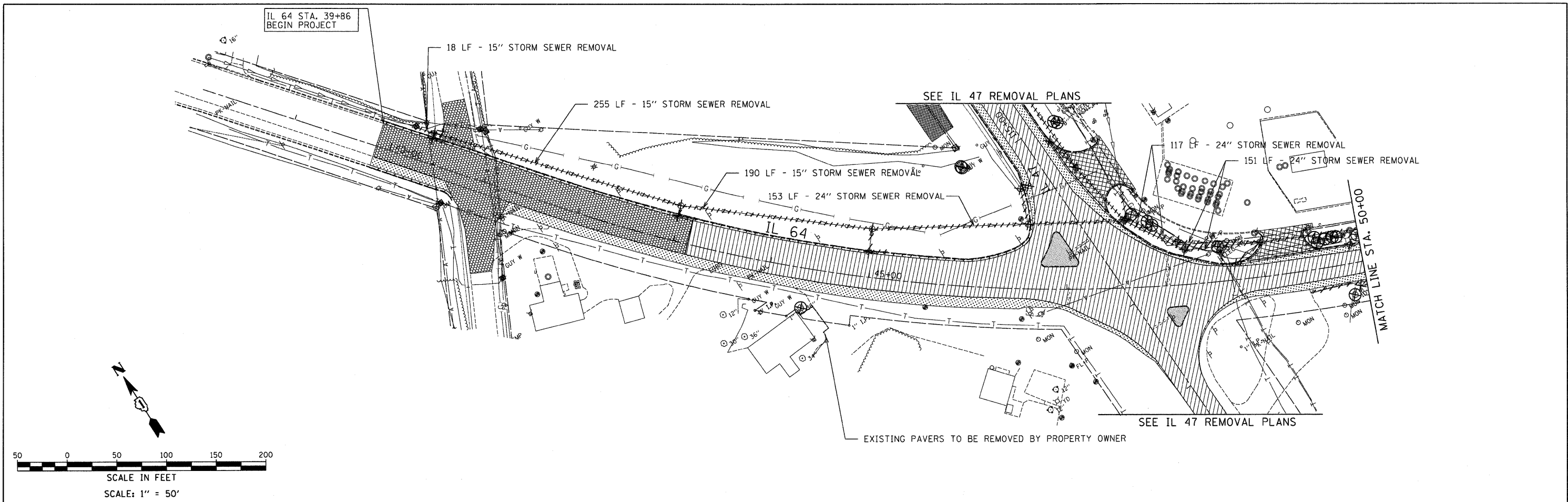
GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
- ALL BORDERS SHALL BE 3/8" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
* J.O. HERBERT CO. MIDLOTHIAN, VA. * WESTERN REMAC INC. WOODRIDGE, IL.

PARTS LISTING:
SIGN CHANNEL PART *HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
BRACKETS PART *HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

LETTERS	UPPER AND LOWER CASE LETTER WIDTHS						
	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		6 INCH LOWER CASE LETTERS		
SERIES	SERIES		SERIES		SERIES	SERIES	
	C	D	C	D		C	D
A	3 6	5 0	5 0	6 5	a	3 5	4 2
B	3 2	4 0	4 3	5 3	b	3 5	4 2
C	3 2	4 0	4 3	5 3	c	3 5	4 1
D	3 2	4 0	4 3	5 3	d	3 5	4 2
E	3 0	3 5	4 0	4 7	e	3 5	4 2
F	3 0	3 5	4 0	4 7	f	2 3	2 6
G	3 2	4 0	4 3	5 3	g	3 5	4 2
H	3 2	4 0	4 3	5 3	h	3 5	4 2
I	0 7	0 7	1 1	1 2	i	1 1	1 1
J	3 0	3 6	4 0	5 0	j	2 0	2 2
K	3 2	4 1	4 3	5 4	k	3 5	4 2
L	3 0	3 5	4 0	4 7	l	1 1	1 1
M	3 7	4 5	5 1	6 1	m	6 0	7 0
N	3 2	4 0	4 3	5 3	n	3 5	4 2
O	3 4	4 2	4 5	5 5	o	3 6	4 3
P	3 2	4 0	4 3	5 3	p	3 5	4 2
Q	3 4	4 2	4 5	5 5	q	3 5	4 2
R	3 2	4 0	4 3	5 3	r	2 6	3 2
S	3 2	4 0	4 3	5 3	s	3 6	4 2
T	3 0	3 5	4 0	4 7	t	2 7	3 2
U	3 2	4 0	4 3	5 3	u	3 5	4 2
V	3 5	4 4	4 7	6 0	v	4 2	4 7
W	4 4	5 2	6 0	7 0	w	5 5	6 4
X	3 4	4 0	4 5	5 3	x	4 4	5 1
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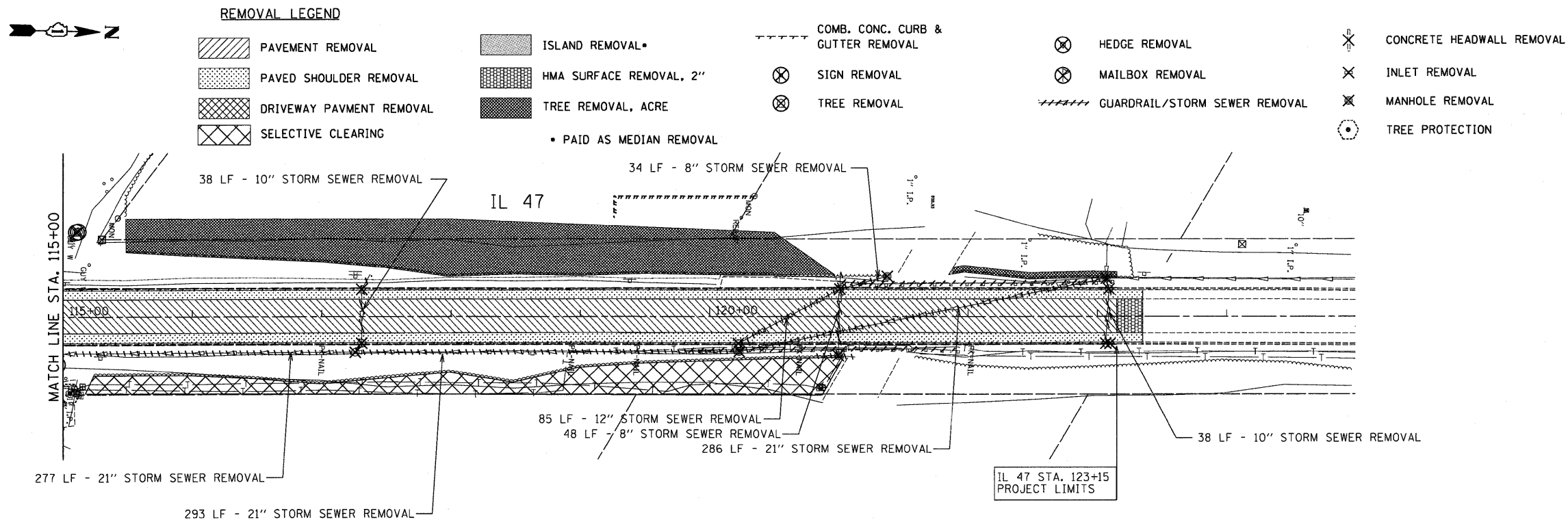
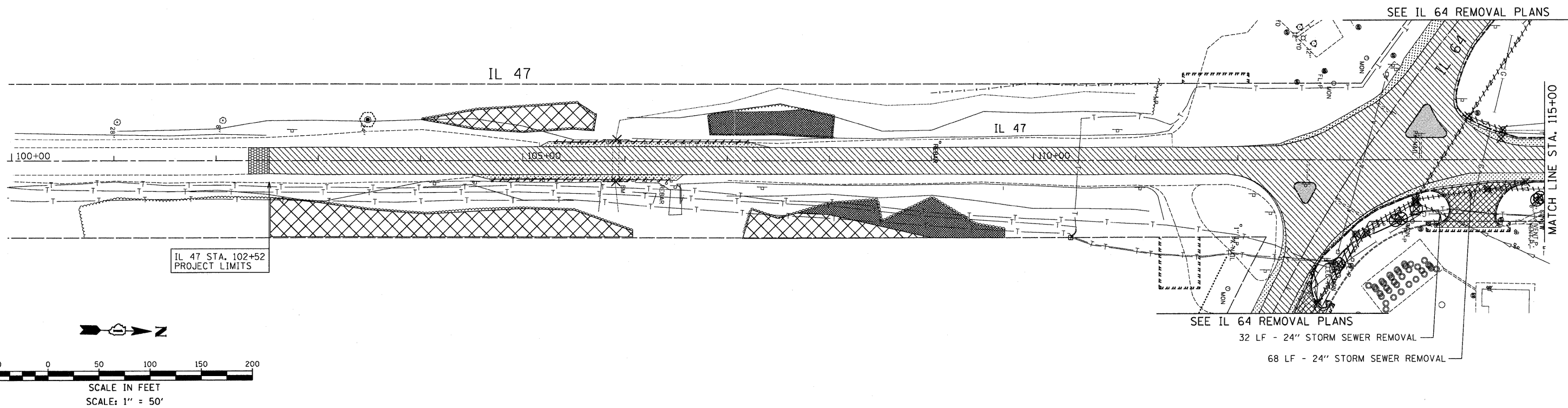
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4	3 5	4 3	4 7	5 7
5	3 2	4 0	4 3	5 3
6	3 2	4 0	4 3	5 3
7	3 2	4 0	4 3	5 3
8	3 2	4 0	4 3	5 3
9	3 2	4 0	4 3	5 3
0	3 4	4 2	4 5	5 5



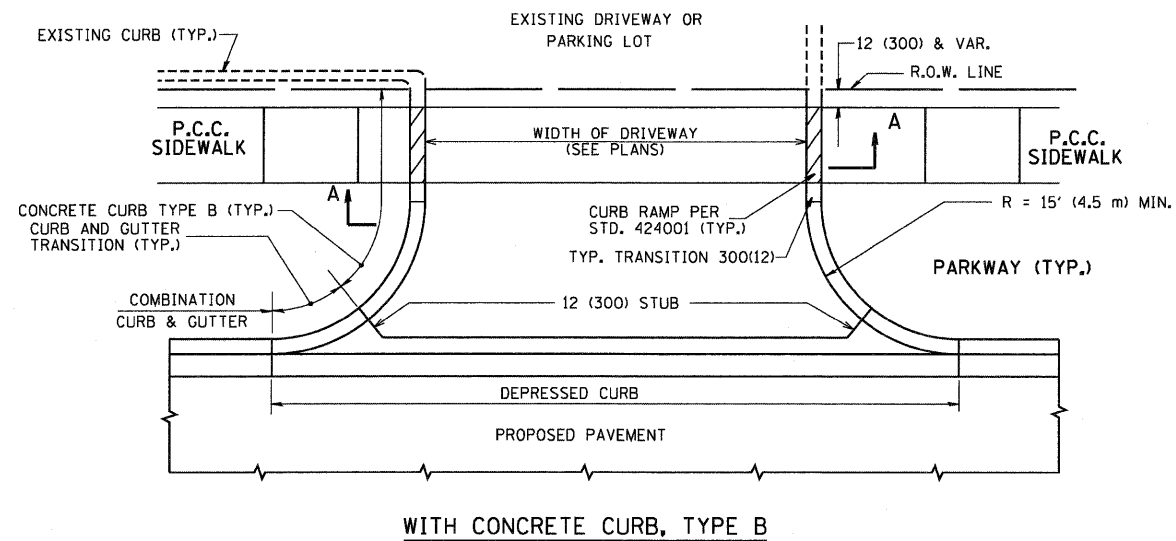
REMOVAL LEGEND

- | | | | | |
|---------------------------|--------------------------|-----------------------------------|-------------------------------|---------------------------|
| PAVEMENT REMOVAL | ISLAND REMOVAL* | COMB. CONC. CURB & GUTTER REMOVAL | HEDGE REMOVAL | CONCRETE HEADWALL REMOVAL |
| PAVED SHOULDER REMOVAL | HMA SURFACE REMOVAL, 2" | SIGN REMOVAL | MAILBOX REMOVAL | INLET REMOVAL |
| DRIVEWAY PAVEMENT REMOVAL | TREE REMOVAL, ACRE | TREE REMOVAL | GUARDRAIL/STORM SEWER REMOVAL | MANHOLE REMOVAL |
| | * PAID AS MEDIAN REMOVAL | | | TREE PROTECTION |

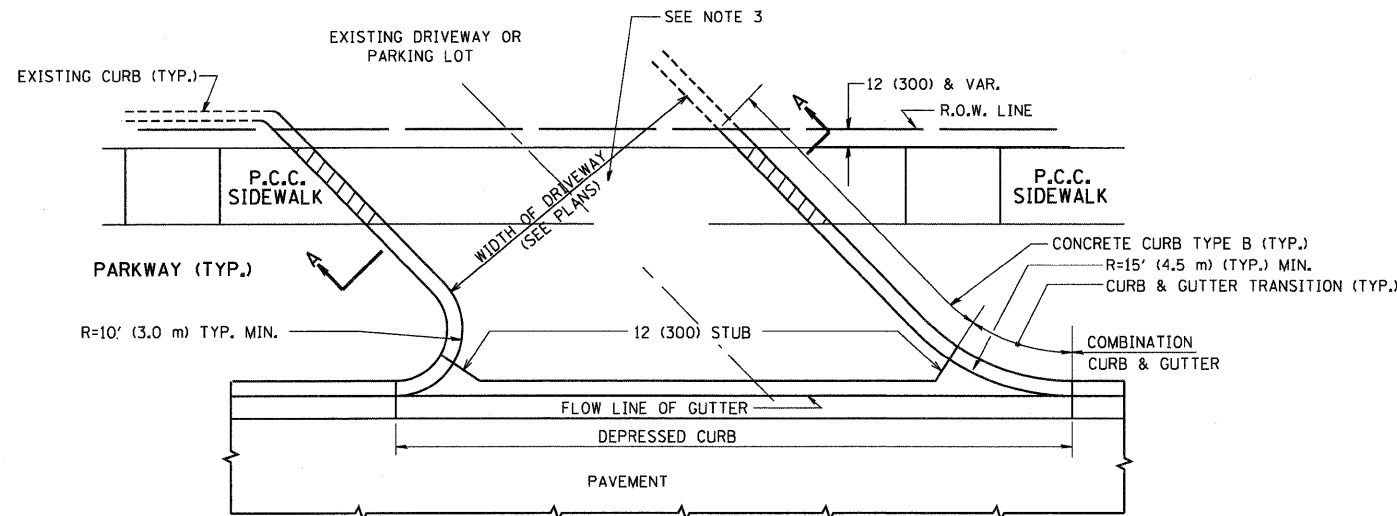
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\$FILEL*	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -			SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA. 39+86	TO STA. 62+10	CONTRACT NO. 62278		
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT						



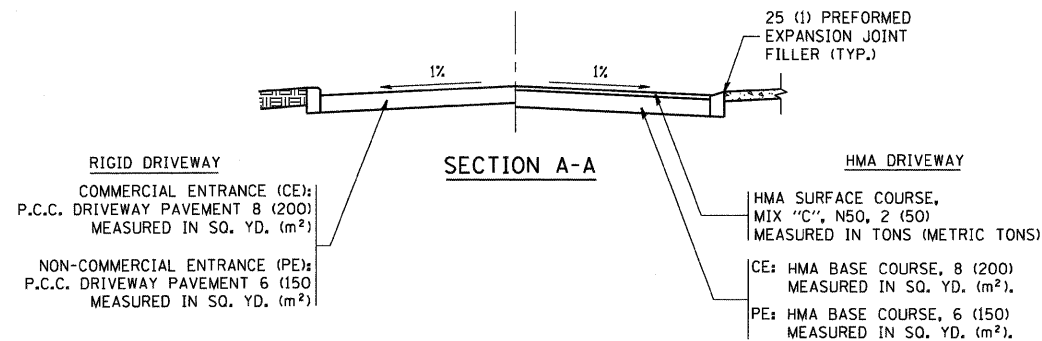
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	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					SCALE: 50 SHEET NO. 2 OF 2 SHEETS STA. 102+52 TO STA. 123+15			CONTRACT NO. 62278	
PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -	ILLINOIS FED. AID PROJECT									



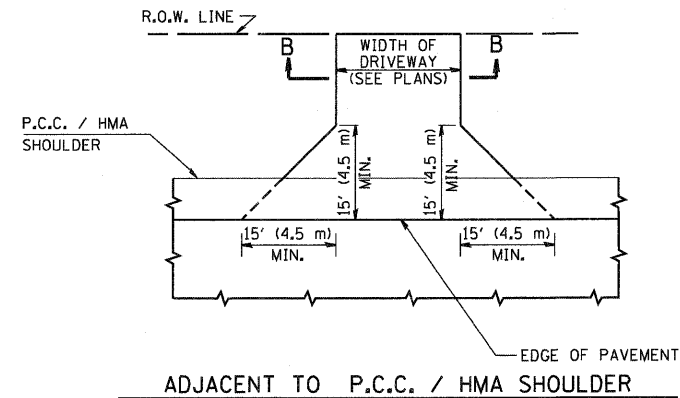
WITH CONCRETE CURB, TYPE B



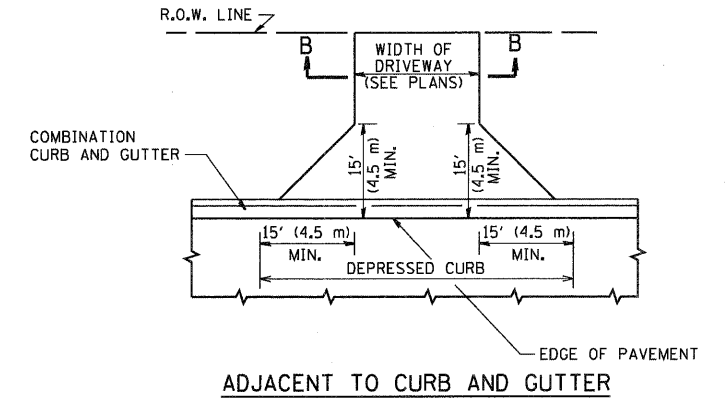
WITH CONCRETE CURB, TYPE B



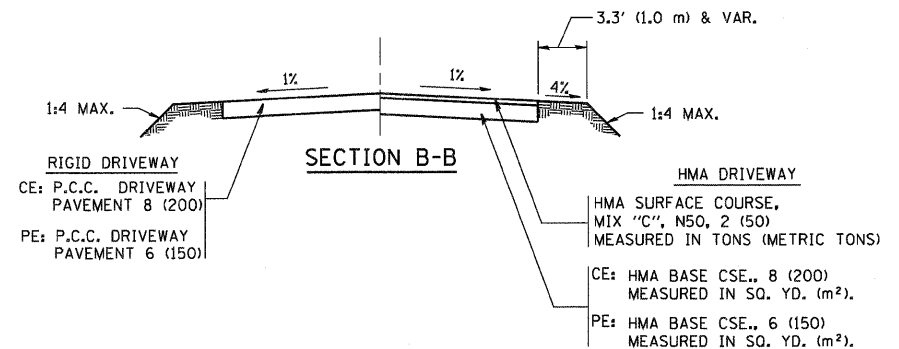
SECTION A-A



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

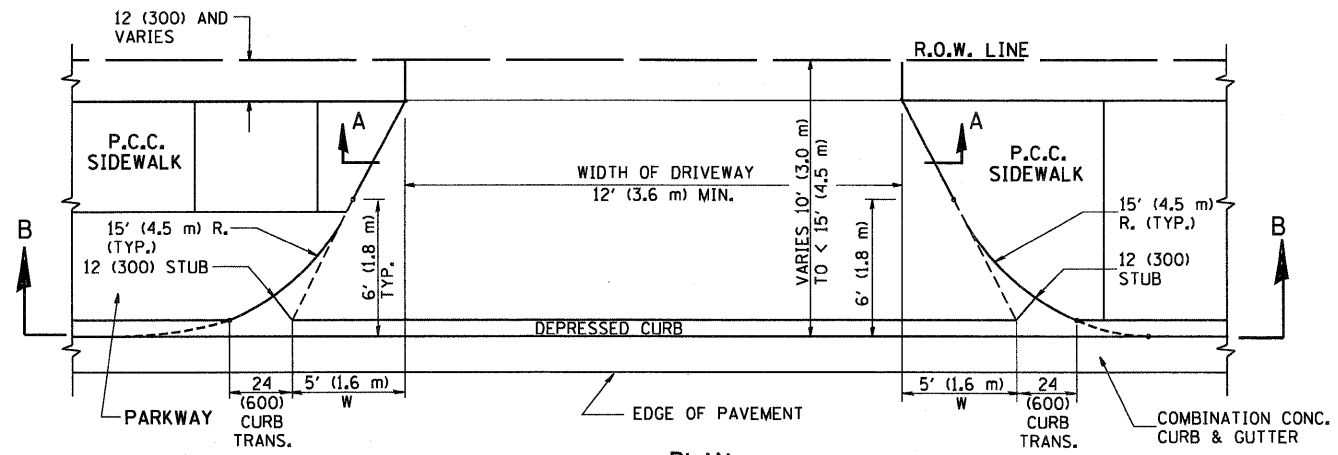
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

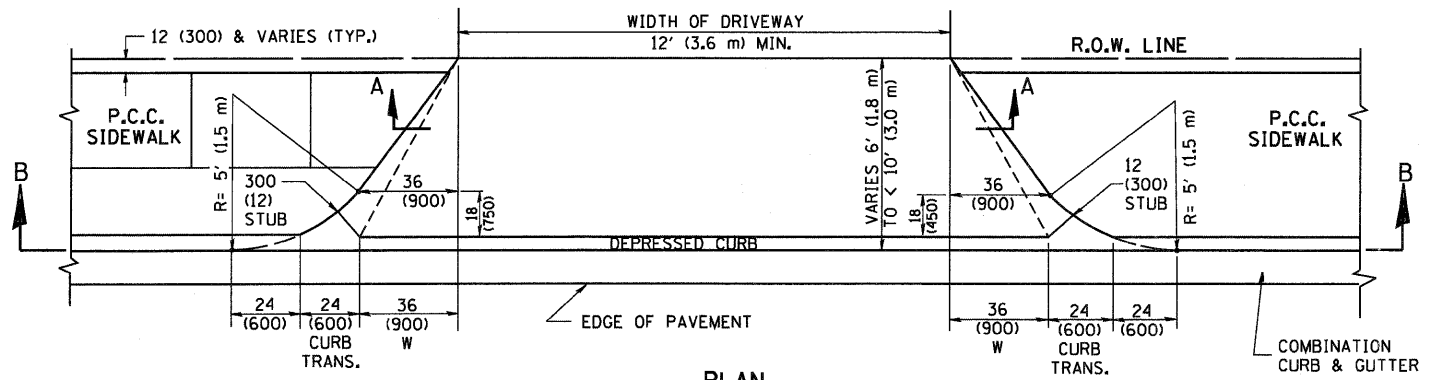
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

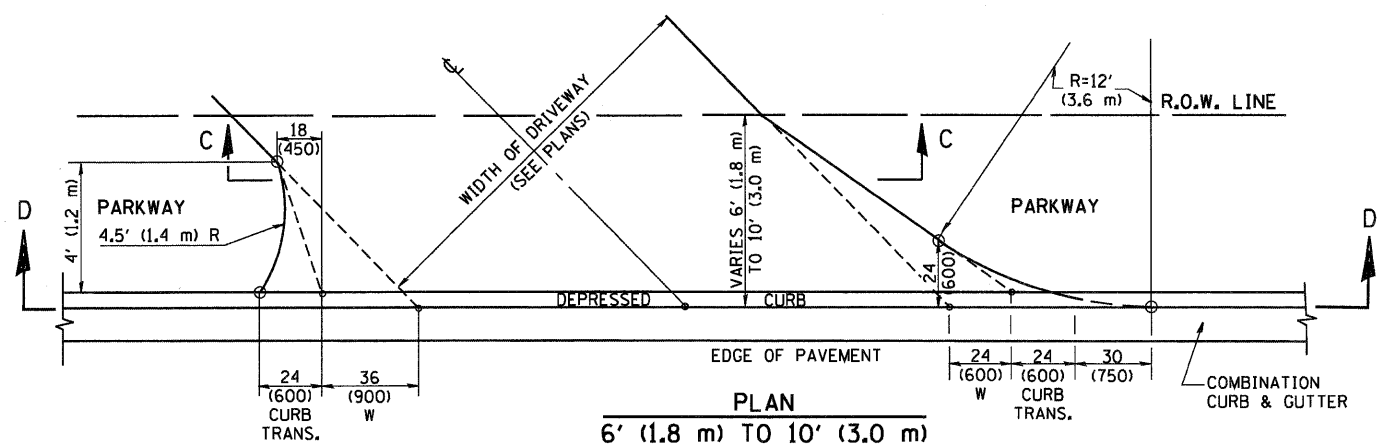
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PLOT SCALE = 49.9999' / IN.	CHECKED -	REVISOR - P. LOFLUER 04-15-03	REVISOR - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD0156-07 (BD-01)		CONTRACT NO. 62278		
PLOT DATE = 6/12/2009	DATE - 11-04-95	REVISOR - R. BORO 06-11-08			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



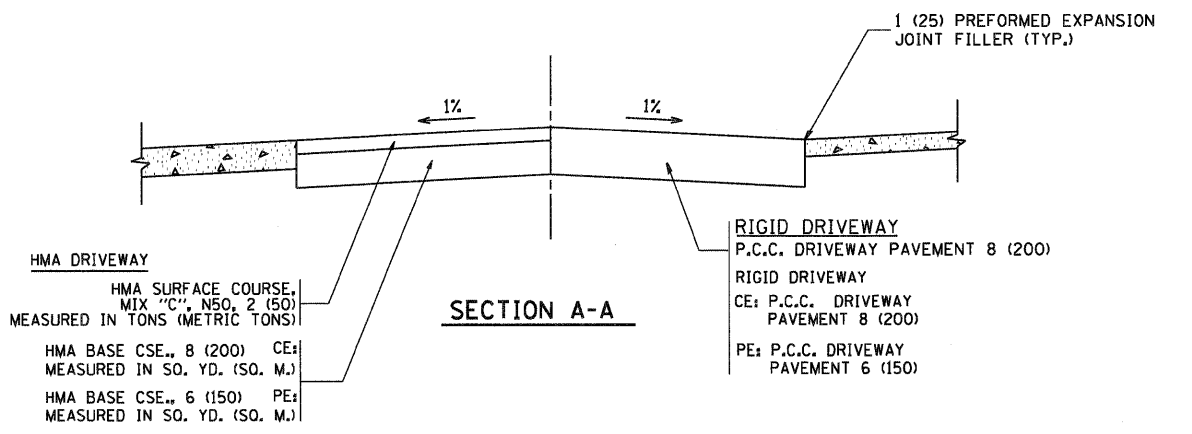
PLAN
10' (3.0 m) TO < 15' (4.5 m)



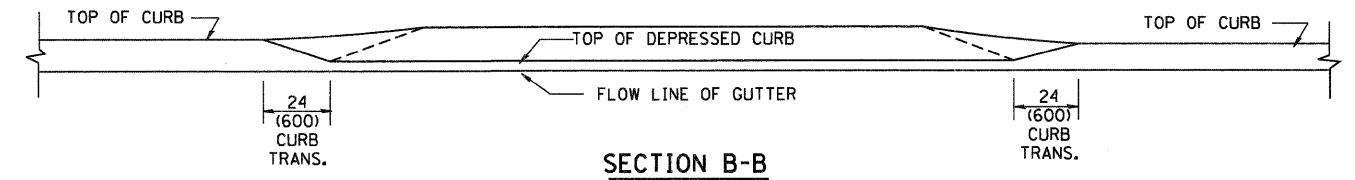
PLAN
6' (1.8 m) TO < 10' (3.0 m)



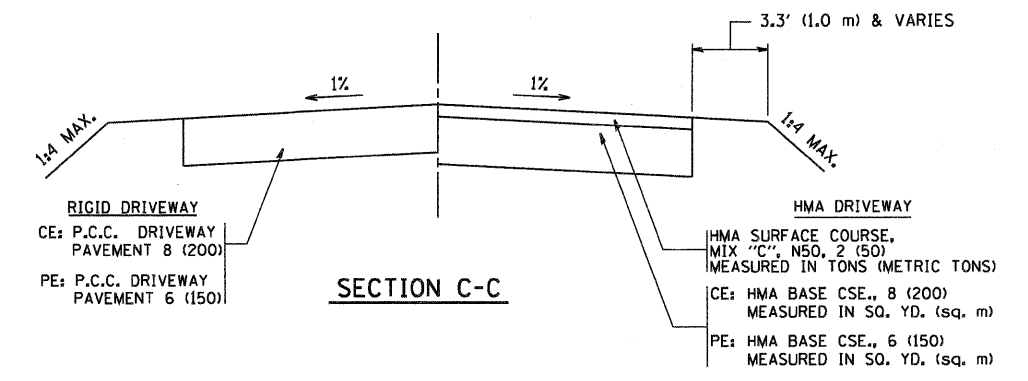
PLAN
6' (1.8 m) TO 10' (3.0 m)



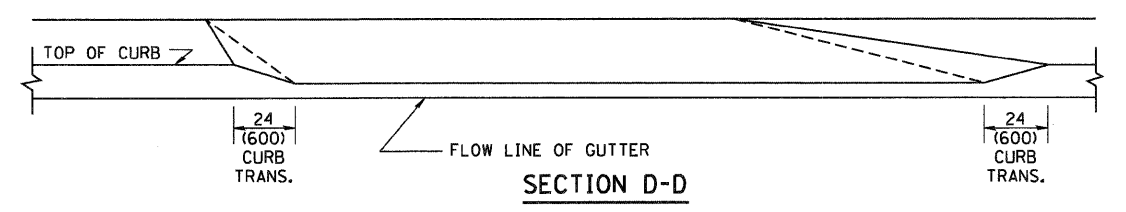
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

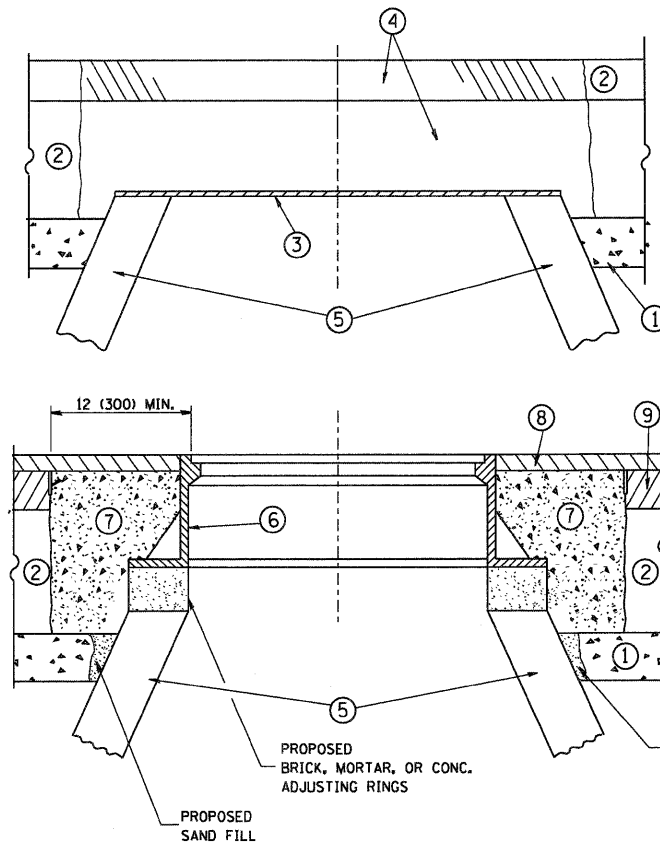
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = gogianobt	DESIGNED - R. SHAH	REVISED - T. HOLTZ 04-08-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS		F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 96	
W:\distata\22x34\bd02.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - M. GOMEZ 04-06-01		DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)		BD400-02 (BD-02)		CONTRACT NO. 62278			
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - P. LOFLEUR 04-15-03		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
		DATE - 11-06-95	REVISED - R. BORO 01-01-07									



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

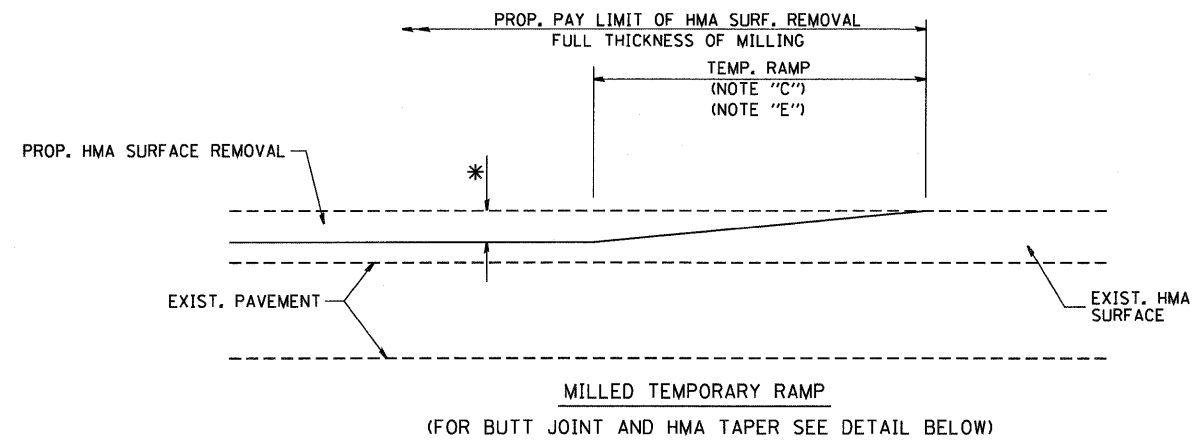
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

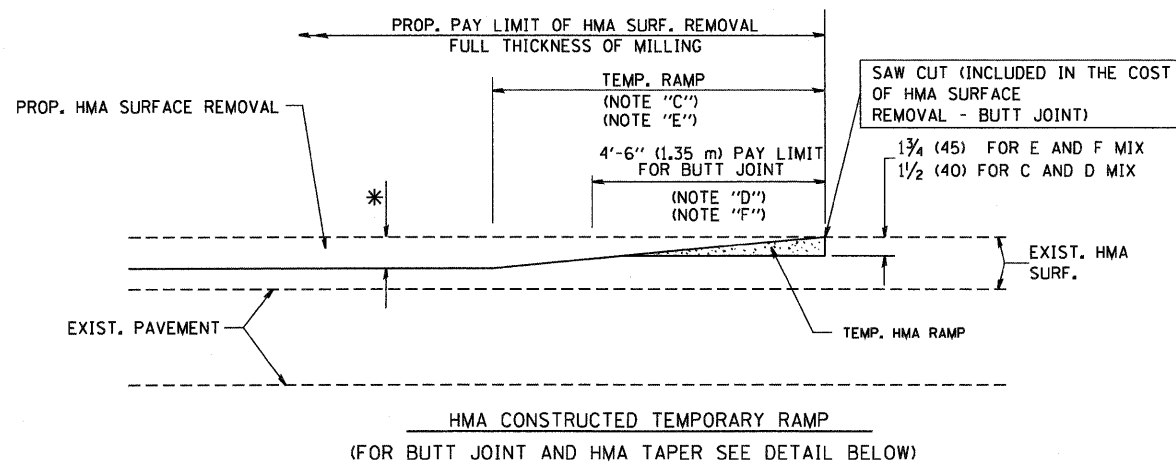
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

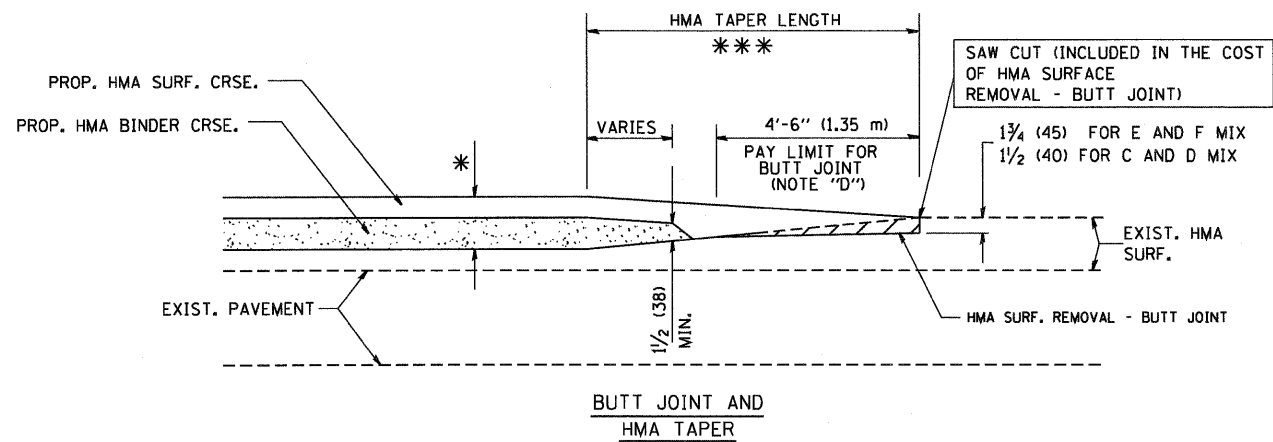
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		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-03 (BD-8)		CONTRACT NO. 62278	
		PLOT SCALE = 50.0000' / IN.	REVISED - R. WIEDEMAN 05-14-04		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
		PLOT DATE = 1/4/2008	REVISED - R. BORO 01-01-07									



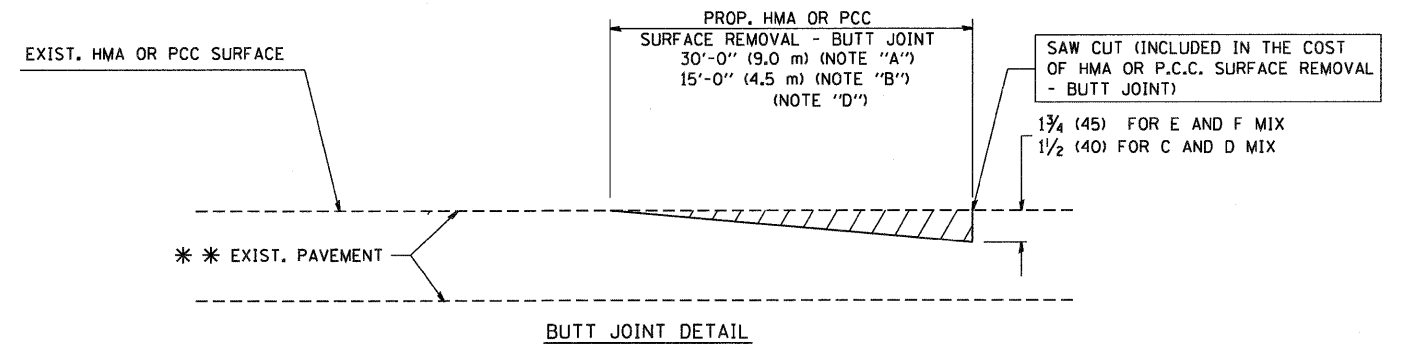
OPTION 1



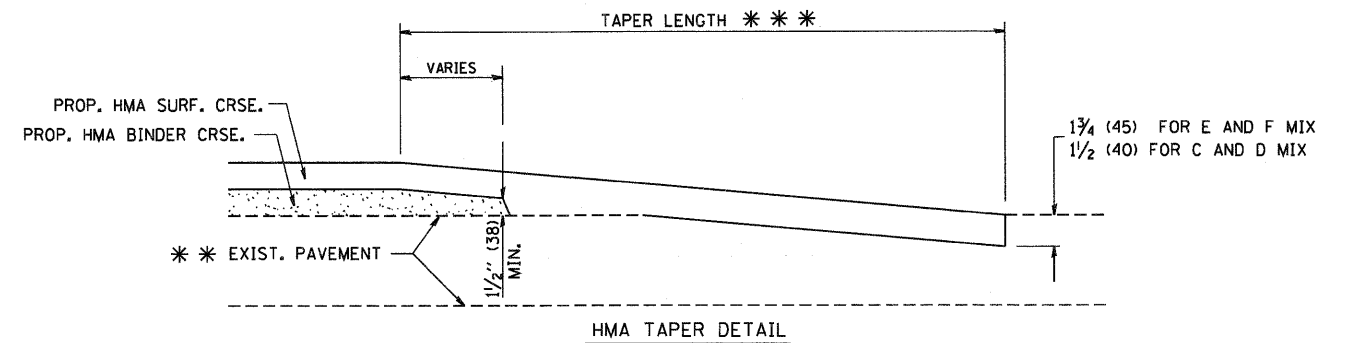
**OPTION 2
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

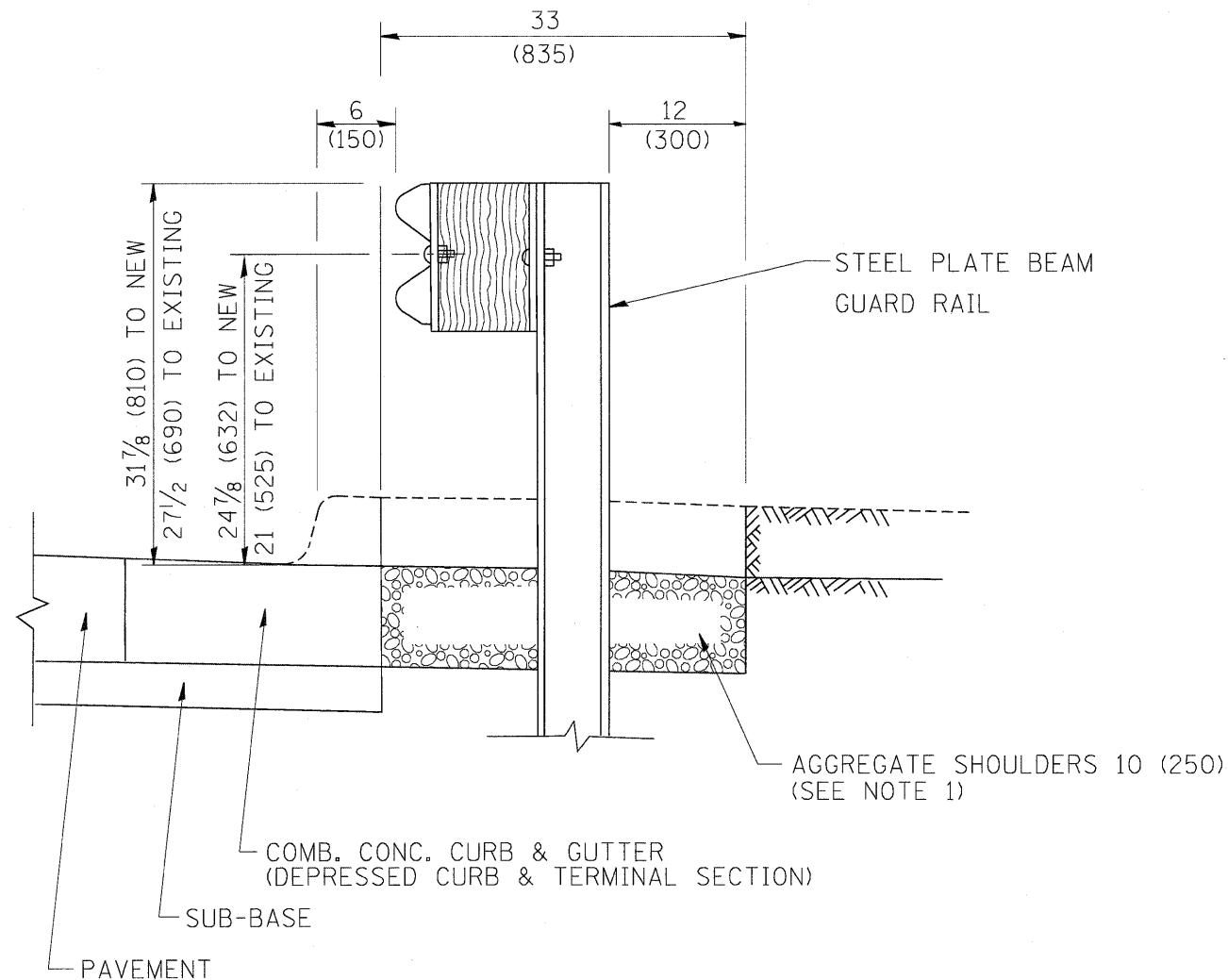
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

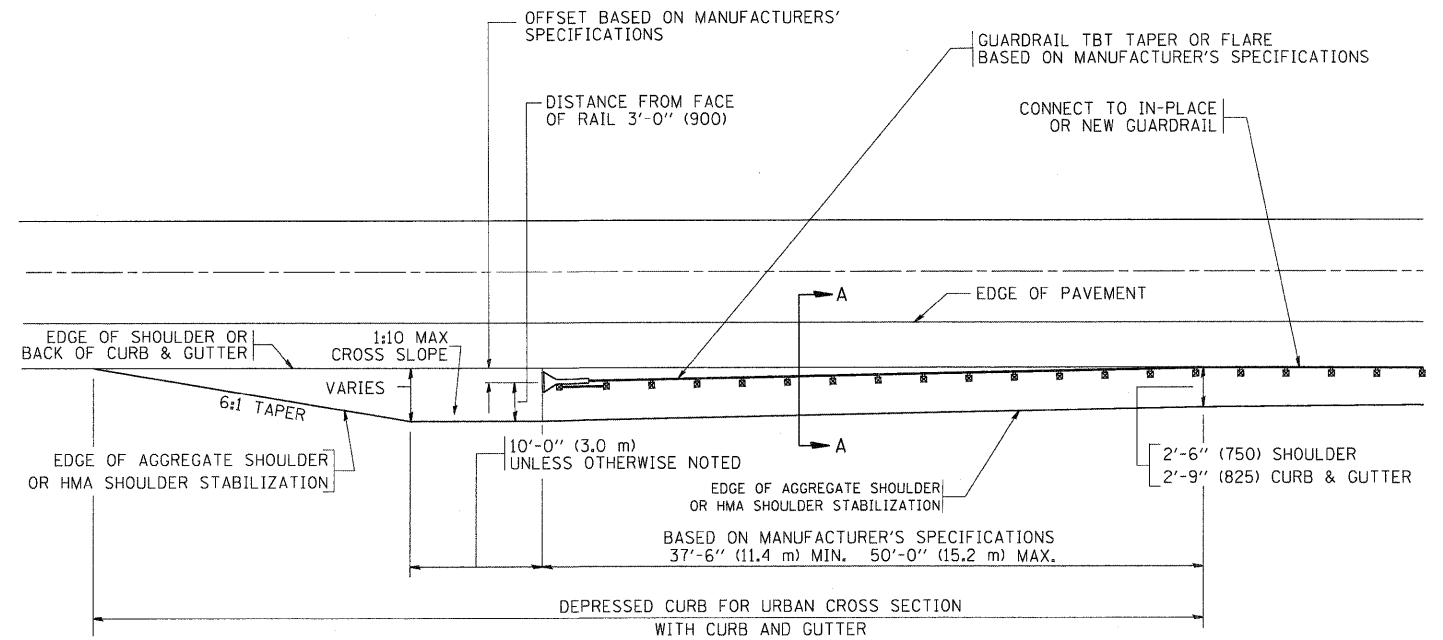
F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 98
BD400-05 BD32			CONTRACT NO. 62278	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - M. DE YONG	REVISED - E. GOMEZ 08-28-00
ct:\paw_work\VPWIDOT\DRIVAKOSGN\0108315\634.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 12-08-2008
		DATE - 09-22-90	REVISED - R. BORO 09-14-2009

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY 1 SPL.**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

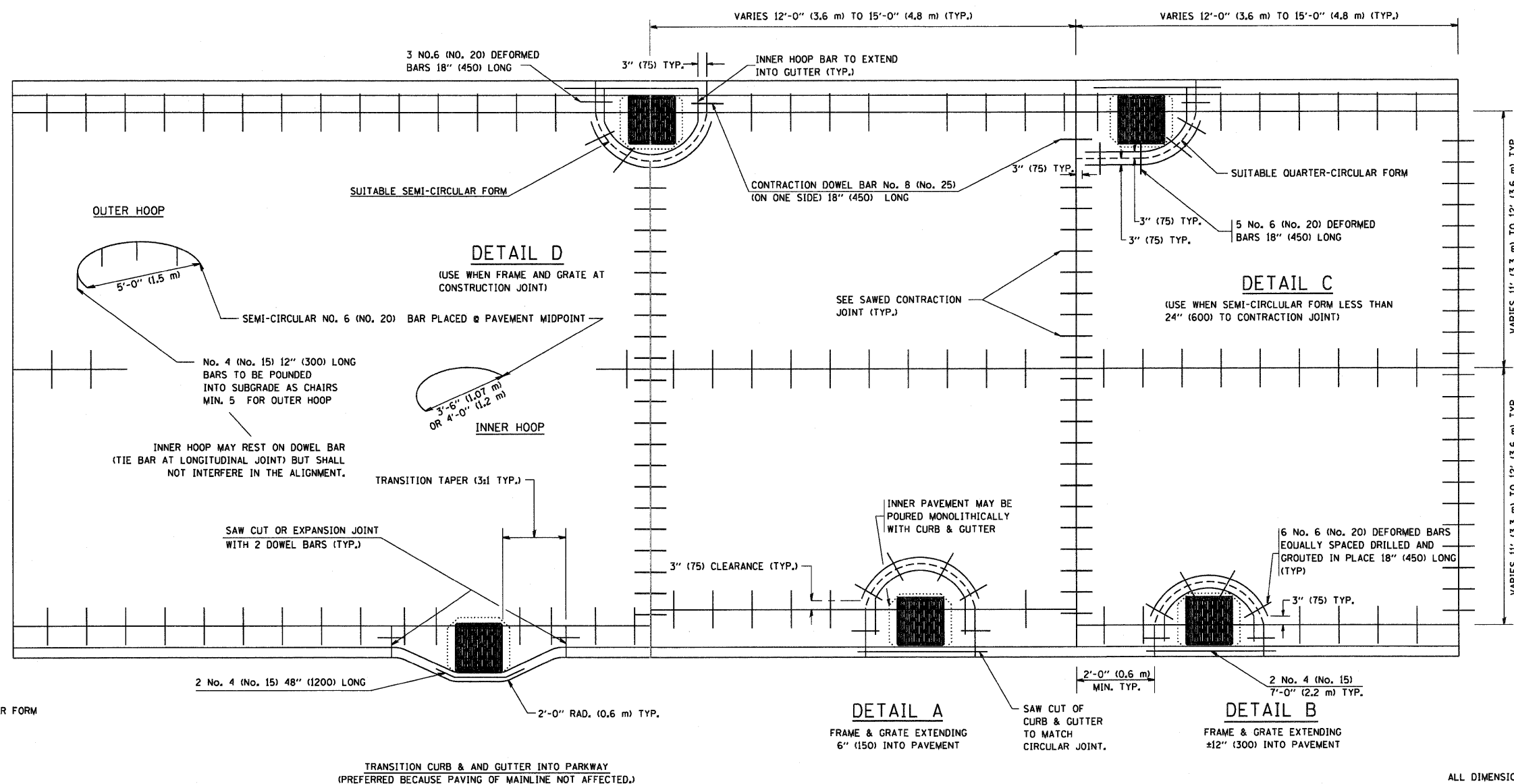
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126N-1	KANE	156	99
BD600-10 (BD 34)			CONTRACT NO. 62278	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES:

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

FILE NAME = W:\dstatd\22x34\bd48.dgn	USER NAME = geg1enobt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER			F.A.P. RTE. 307	SECTION 126N-1	COUNTY KANE	TOTAL SHEETS 156	SHEET NO. 100
	PLOT SCALE = 50.0000' / IN.	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 62278	
	PLOT DATE = 1/4/2008	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02									
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02									