

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	1

133
+3
136

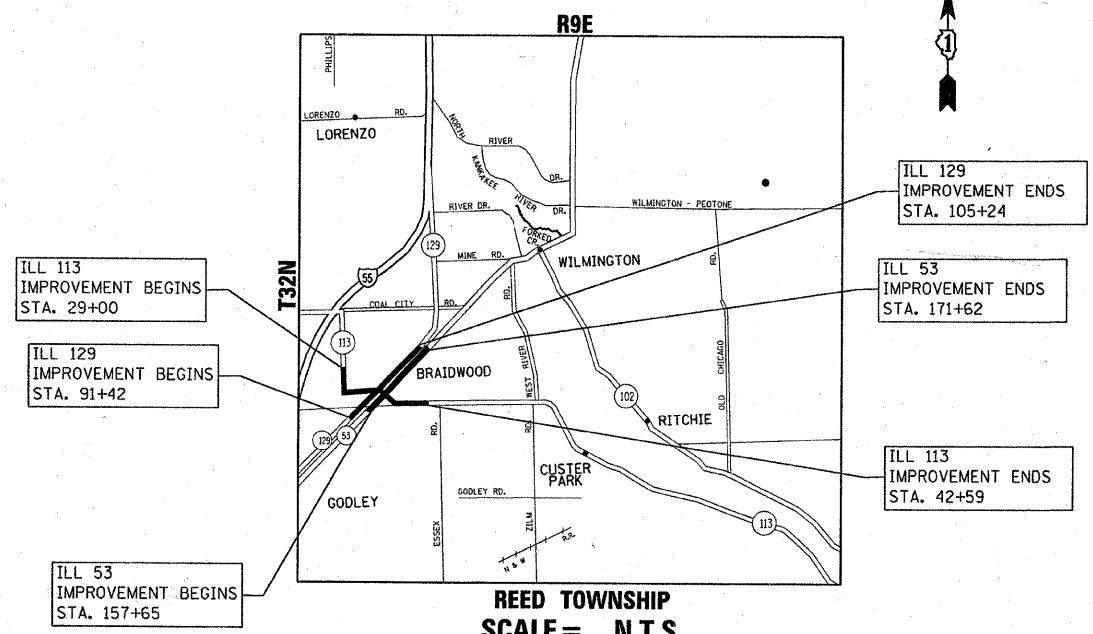
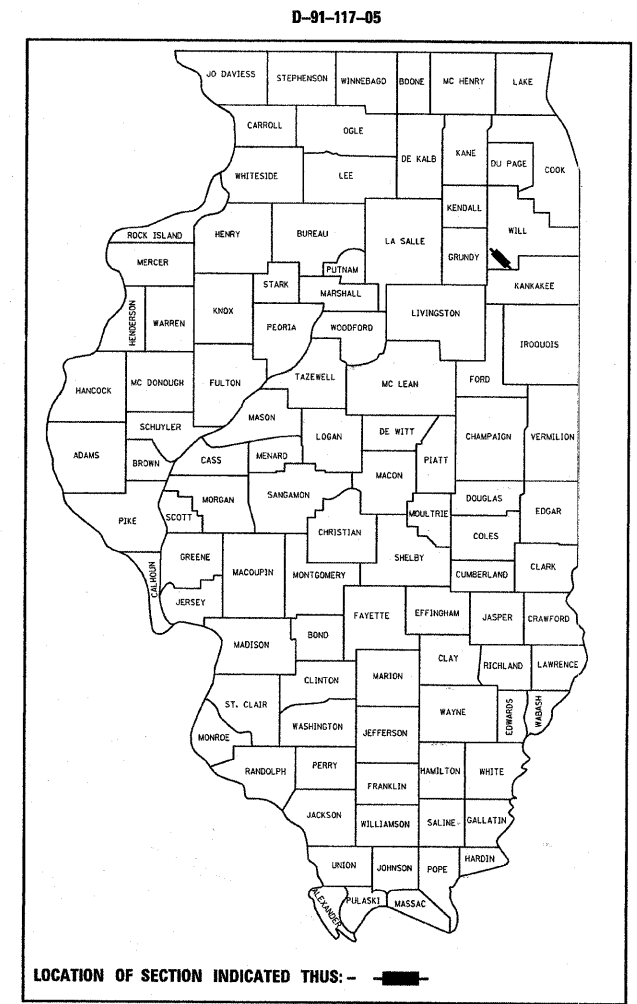
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.S. 2320: ILL 113 (MAIN STREET)
AT
ILL 129 (WASHINGTON STREET) AND ILL 53 (FRONT STREET)
SECTION 113X-N
INTERSECTION RECONSTRUCTION /TRAFFIC SIGNAL INSTALLATION AND
RAILROAD CROSSING IMPROVEMENT
WILL COUNTY
C-91-117-05

FOR INDEX OF SHEETS, SEE SHEET NO.

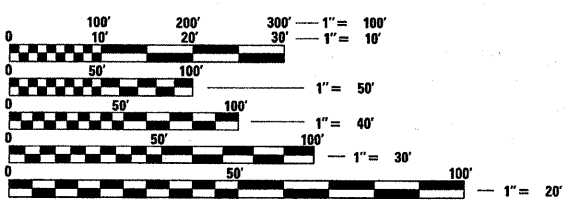
THE IMPROVEMENT IS LOCATED IN THE
VILLAGE OF BRAIDWOOD IN WILL COUNTY



GROSS AND NET LENGTH OF IMPROVEMENT: IL RTE 113 = 1359 LF = 0.257 MILE
 GROSS AND NET LENGTH OF IMPROVEMENT: IL RTE 129 = 1232 LF = 0.233 MILE
 GROSS AND NET LENGTH OF IMPROVEMENT: IL RTE 53 = 1247 LF = 0.237 MILE
 GROSS AND NET LENGTH OF IMPROVEMENT: MITCHELL ST. = 222.50 LF = 0.04 MILE

2002 ADT = ILL. 113 (EAST LEG), 10,400
 2002 ADT = ILL. 113 (WEST LEG), 7,511
 2002 ADT = ILL. 129, 4,630
 2002 ADT = ILL. 53, 7,575
 2002 ADT = MITCHELL STREET, 1,795

SPEED LIMIT: 25-30 MPH ILL. 113
 SPEED LIMIT: 45 MPH ILL. 129
 SPEED LIMIT: 30 MPH ILL. 53
 SPEED LIMIT: 20 MPH MICHELL STREET



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
1-800-892-0123

CONTRACT NO. 62910

DISTRICT ONE - DESIGN - PLAN PREPARATION ENGINEER:
KEN ENG / ROBERT BORO (847) 705-4178

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 30, 2007

Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 12, 2007
Eric E. Harrod
ENGINEER OF DESIGN AND ENVIRONMENT

October 12, 2007
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Rev. 11-5-07

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420111-01	PCC PAVEMENT ROUNDOUTS
442201-02	CLASS C AND D PATCHES
482001-01	HOT-MIX ASPHALT SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101	CONCRETE HEADWALL FOR PIPE DRAINS
602001	CATCH BASIN, TYPE A
602011	CATCH BASIN, TYPE C
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
602411	MANHOLE, TYPE A, 2.1m (7') Dia.
604001-01	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
606001-03	CONCRETE CURB TYPE B AND COMBINATION GUTTER

STANDARD NO.	DESCRIPTION
606006-01	OUTLETS FOR CONCRETE CURB AND GUTTER
630001-07	STEEL PLATE BEAM GUARDRAIL
631011-03	TRAFFIC BARRIER TERMINAL, TYPE 2
701006-02	OFF-ROAD OPERATIONS 2L, 2W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS > 45 MPH
701011-01	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY FOR SPEEDS > MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEED > 45 MPH
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
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702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
886001	DETECTOR LOOP INSTALLATIONS
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

PRIOR TO EMBANKMENT PLACEMENT, ALL VEGETATION, LOOSE MATERIAL, AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL. ANY EMBANKMENT WIDENING ON EXISTING SLOPES SHOULD BE BENCHED IN ACCORDANCE WITH ARTICLE 205.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE A FIELD LABORATORY FOR USE FOR ANY ON SITE TESTING BY THE ENVIRONMENTAL FIRM. NO TESTING OF ANY KIND, CONTAMINATED OR NON-CONTAMINATED FLUID OR SOLID SHALL BE PERMITTED IN THE ENGINEER'S FIELD OFFICE.

ALL PLANTS MATERIAL SHALL BE MARKED IN THE FIELD. CONTACT RICK WANNER OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4172 A MINIMUM OF 72 HOURS PRIOR TO LANDSCAPING WORK.

THE RESIDENT ENGINEER SHALL CONTACT MS. CORA MATHIS AREA TRAFFIC FIELD ENGINEER AT (815) 485-6475 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE ALL PAVEMENT PATCHING AFTER THE HMA SURFACE REMOVAL OPERATION.

ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT STANDARDS AS NOTED IN THE DETAIL.

ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE 12" (300 MM) SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD (SQ YARD) OF AGGREGATE SUBGRADE 12" (300 MM).

THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKINGS.

PIPE UNDERDRAINS

ROUTE	TRANSVERSE PIPE UNDERDRAINS
IL RTE 113	33+00
	36+50
IL RTE 129	96+00
	99+50
	102+44
IL RTE 53	162+50
	166+00
	169+90

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	VOIDS
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2"	PG 64-22**	4% @ 70 GYR
PAVEMENT RESURFACING & WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm), 10 3/4"	PG 64-22**	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE, (6" & 8") (HMA BINDER IL-19mm) (PE & CE)	PG 64-22**	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19mm)	PG 64-22**	4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (HMA BINDER IL-19 mm)	PG 64-22**	4% @ 70 GYR.
SHOULDER		
HOT-MIX ASPHALT SHOULDER, 8"	PG 64-22**	2% @ 30 GYR.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN

** WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

Rev. 11-5-07

- 1- PROPOSED 12 INCH AGGREGATE SUBGRADE SUFFICIENT AT ALL STATIONS EXCEPT AS SHOWN.
- 2- DEPTH REFERS TO DEPTH OF REMEDIAL TREATMENT BELOW AGGREGATE SUBGRADE.
- 3- REPLACEMENT MATERIAL OR TREATMENT:

EMBANKMENT MATERIAL AND PLACEMENT IN ACCORDANCE WITH SECTIONS 205, 206, 507 AND 210 PGES- POROUS GRANULAR EMBANKMENT, SUBGRADE FABRIC- GEOTECHNICAL FABRIC

LOCATION	DEPTH INCHS	TREATMENT WIDTH	TREATMENT MATERIAL
IL RTE. 113 AT ILL RTE. 129 AND IL RTE. 53			
IL RTE. 53 STA 160+12 TO STA 162+50 - NB&SB	6 INCH	RECONSTRUCTION & WIDENING	R&R W/PGES
IL RTE. 53 STA 163+75 TO STA 165+00 - NB&SB	12 INCH	RECONSTRUCTION	R&R W/PGES
IL RTE. 113 STA 36+00 TO STA 38+00 - EB&WB	12 INCH	RECONSTRUCTION	R&R W/PGES
IL RTE. 129 STA 101+25 TO STA 102+54 - NB&SB	-	RECONSTRUCTION	GEO. FABRIC

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
INDEX OF SHEETS,
MIXTURE REQUIREMENT,
LIST OF STATE STANDARDS AND
PLAN NOTES
SCALE: VERT. DRAWN BY:
HORIZ. CHECKED BY:
DATE

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
X0325835	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12					
XX006959	TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1		1				
X0325836	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1		1				
X0325837	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 6 INCH	FOOT	6768	6768					
X0325838	STEEL CASING PIPE IN TRENCH, 12 INCH	FOOT	22						22
X0325839	SIGNAL TIMING	L SUM	1		1				
X0325840	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	1500	1500					
X0325841	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	1062	1062					
X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	1090	1090					
X0325843	SUB-BASE GRANULAR MATERIAL, TYPE B 13 1/2"	SQ YD	146	146					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	38	38					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	288	288					
20101100	TREE TRUNK PROTECTION	EACH	3	3					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2					
20200100	EARTH EXCAVATION	CU YD	4488	4488					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2080	1790					290
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	723	723					
20800150	TRENCH BACKFILL	CU YD	1390.18	390.18					1000
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	545	545					
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	10256	9806					450
21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	934	934					
25000210	SEEDING, CLASS 2A	ACRE	0.7	0.6					0.10
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	148	140					8
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	148	140					8
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	148	140					8

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
25000750	MOWING	ACRE	2	2					
25100630	EROSION CONTROL BLANKET	SQ YD	2905	2905					
25200110	SODDING, SALT TOLERANT	SQ YD	6868	6868					
25200200	SUPPLEMENTAL WATERING	UNIT	3	3					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	140	140					
28000300	TEMPORARY DITCH CHECKS	EACH	6	6					
28000510	INLET FILTERS	EACH	23	23					
28100107	STONE RIPRAP, CLASS A4	SQ YD	57	57					
28200200	FILTER FABRIC	SQ YD	57	57					
31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	290						290
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	296	296					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1419	1419					
35600719	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 3/4"	SQ YD	771	771					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	12	12					
40600300	AGGREGATE (PRIME COAT)	TON	60	60					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1.7	1.7					
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	121	121					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	63	63					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	464	464					
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	192.1	192.1					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	538	538					
40701951	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	SQ YD	13994	13994					
42001300	PROTECTIVE COAT	SQ YD	5263	4943					320
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	201	201					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	371	371					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12295	11145					1150

• SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
PLOT DATE: 9/14/2007

9/14/2007 10:00:00 AM

.../.../... 11:00:00 AM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	4
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
62910				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-J#	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
44000100	PAVEMENT REMOVAL	SQ YD	10302	10302					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	5647	5647					
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	160	160					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1574	1574					
44000300	CURB REMOVAL	FOOT	270	135					135
44000600	SIDEWALK REMOVAL	SQ FT	5075	5075					
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	283	283					
44004250	PAVED SHOULDER REMOVAL	SQ YD	306	306					
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	170	170					
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	113	113					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	86	68					18
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1103	1103					
50105220	PIPE CULVERT REMOVAL	FOOT	380	380					
54207153	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	124.5	124.5					
54207165	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	FOOT	250	250					
54207177	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	FOOT	62	62					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1					
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	4	4					
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	1	1					
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	4	4					
54214737	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	EACH	2	2					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-J#	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	3	3					
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1					
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	4	4					
54248110	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 18"	EACH	1	1					
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	4	4					
54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	2	2					
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	62	62					
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	124.5	124.5					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	431	431					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	242.5	242.5					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	563.7	563.7					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	250.5	250.5					
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	192	192					
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	385	385					
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	572	572					
55100300	STORM SEWER REMOVAL 8"	FOOT	95	95					
55100500	STORM SEWER REMOVAL 12"	FOOT	710	710					
55100700	STORM SEWER REMOVAL 15"	FOOT	55	55					
552A1300	STORM SEWERS JACKED IN PLACE, CLASS A 36"	FOOT	57	57					
• 56100600	WATER MAIN 6"	FOOT	507						507
• 56100700	WATER MAIN 8"	FOOT	281						281
• 56100800	WATER MAIN 10"	FOOT	835						835
• 56100900	WATER MAIN 12"	FOOT	400						400
• 56104900	WATER VALVES 6"	EACH	3						3
• 56105100	WATER VALVES 10"	EACH	2						2
• 56105200	WATER VALVES 12"	EACH	2						2
• 56108900	TAPPING VALVES AND SLEEVES 8"	EACH	1						1

9/14/2007 9:41:01 AM

• SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
PLOT DATE: 9/14/2007

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	362	362					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	500	500					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	354	354					
72000100	SIGN PANEL - TYPE 1	SQ FT	56.75		56.75				
72000200	SIGN PANEL - TYPE 2	SQ FT	110		110				
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	364	364					
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10530	10530					
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2256	2256					
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	362	362					
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	500	500					
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	354	354					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	100					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	100	100					
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1			
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1			
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	503	503					
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	100	100					
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	122	122					
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	154	154					
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	309	309					
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	453	453					
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	80	80					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	921	921					
81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	110	110					
81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	563	563					
81400100	HANDHOLE	EACH	11	6			5		
81400200	HEAVY-DUTY HANDHOLE	EACH	9	9					
81400300	DOUBLE HANDHOLE	EACH	5	5					
X0325877	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (EPR-TYPE USE), 1 1/4" DIA.	FOOT	4160				4160		
81701315	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C NO. 2	FOOT	200				200		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1694	1694					
82106300	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT (INSTALL ONLY)	EACH	30				30		
83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	22				22		
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	220				220		
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	22				22		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3062	3062					
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6986	6986					
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7362	7362					
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2433	2433					
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4367	4367					
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	365	365					
87502450	TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1	1					
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	2					
87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	2	2					

• SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
PLOT DATE: 8/30/2007

8/30/2007

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
				URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	3		3				
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	2		2				
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1		1				
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2		2				
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	2		2				
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1		1				
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32		32				
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4				
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	120		120				
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14		14				
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2				
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2		2				
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4		4				
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4				
88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2		2				
88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	10		10				
88100400	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED	EACH	1		1				
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18		18				
88500100	INDUCTIVE LOOP DETECTOR	EACH	19		19				
88600100	DETECTOR LOOP, TYPE I	FOOT	1918		1918				
88700200	LIGHT DETECTOR	EACH	7			7			
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1			
88800100	PEDESTRIAN PUSH-BUTTON	EACH	11		11				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
				URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% 1000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
89100400	ILLUMINATED SIGN, LED	EACH	6		6				
A2001816	TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9					
B2000862	TREE, AMELANCHIER X GRANDIFLORA COLE'S SELECT (COLE'S SELECT SERVICEBERRY), 4' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	12	12					
B2001166	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	7	7					
C2008224	SHRUB, ROSA NEARLY WILD (NEARLY WILD SHRUB ROSE), 24" HEIGHT, CONTAINER	EACH	60	60					
C2C03424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	EACH	85	85					
X0301828	ENGINEERED BARRIER	SQ YD	248	248					
X0321558	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1					
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	154.2	154.2					
X0323092	HEADWALL REMOVAL	EACH	1	1					
X0323370	TRAFFIC SIGNAL BATTERY BACKUP	EACH	1	1					
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6				6		
X0323826	BOX CULVERT REMOVAL, 3' X 3'	FOOT	50	50					
X0324336	WATER MAIN JACKED, 12"	FOOT	85						85
X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	30				30		
X0325775	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	31590	31590					
X0350810	BOLLARD REMOVAL	EACH	4						2
X0469600	CONNECTION TO EXISTING WATER MAIN	EACH	6						6
X0712400	TEMPORARY PAVEMENT	SQ YD	1095	1095					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	19	19					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	15	15					
X4023000	TEMPORARY ACCESS (ROAD)	EACH	5	5					

• SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
 PLOT DATE: 9/14/2007

9/14/2007
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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% I000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	336	336					
X6020050	INLETS, TYPE B, SPECIAL, TYPE 8 FRAME AND GRATE	EACH	1	1					
X6020240	CATCH BASINS, TYPE C, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2					
X6065701	CONCRETE MEDIAN, TYPE SM-4.06	SQ FT	512	512					
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1				
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1		1				
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2032		2032				
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	2287		2287				
XX001579	LIGHTING CONTROLLER, CONSOLE TYPE	EACH	1			1			
XX002264	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	135		135				
XX003402	WATER MAIN INSULATION	FOOT	120					120	
XX003531	WATER SERVICE CONNECTION 1"	EACH	4				4		
XX004047	LIGHTING CONTROLLER SPECIAL	EACH	1			1			
XX004853	TEMPORARY ACCESS (ALLEY)	EACH	1	1					
XX004997	WATER SERVICE CONNECTION 2"	EACH	8				8		
XX005282	STEEL CASING PIPE 21" (BORED AND JACKED)	FOOT	85					85	
XX005656	INLET FILTER CLEANING	EACH	69	69					
XX006055	MANHOLES, TYPE A, 7' DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1					
XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	23			23			
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	16114	15979				135	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0015000	CURB STOPS 1"	EACH	4					4	
Z0015300	CURB STOPS 2"	EACH	8					8	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	6	6					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					
X0325845	STEEL CASING PIPE 24"	FOOT	85					85	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN ILL-113 & ILL-129 & ILL-53 STATE 100% I000-2A	URBAN TRAFFIC SIG. ILL-113 & ILL-129 & ILL-53 STATE 100% Y031-1F	URBAN PRE-EMPTION ILL-113 & ILL-129 & ILL-53 CITY 100% Y031-3D	URBAN LIGHTING ILL-113 & ILL-129 & ILL-53 CITY 100% Y030-1E	URBAN SIDEWALK ILL-113 & ILL-129 & ILL-53 STATE 50% CITY 50% SFTY-1B	URBAN WATERMAIN ILL-113 & ILL-129 & ILL-53 CITY 100% Y060
X0325846	ABANDONMENT OF EXISTING WATER MAINS	L SUM	1						1
X8101280	CONDUIT IN TRENCH, 3" DIA., RIGID GALVANIZED STEEL	FOOT	1350					1350	
X8102010	CONDUIT PUSHED, 3" DIA., RIGID GALVANIZED STEEL	FOOT	100					100	

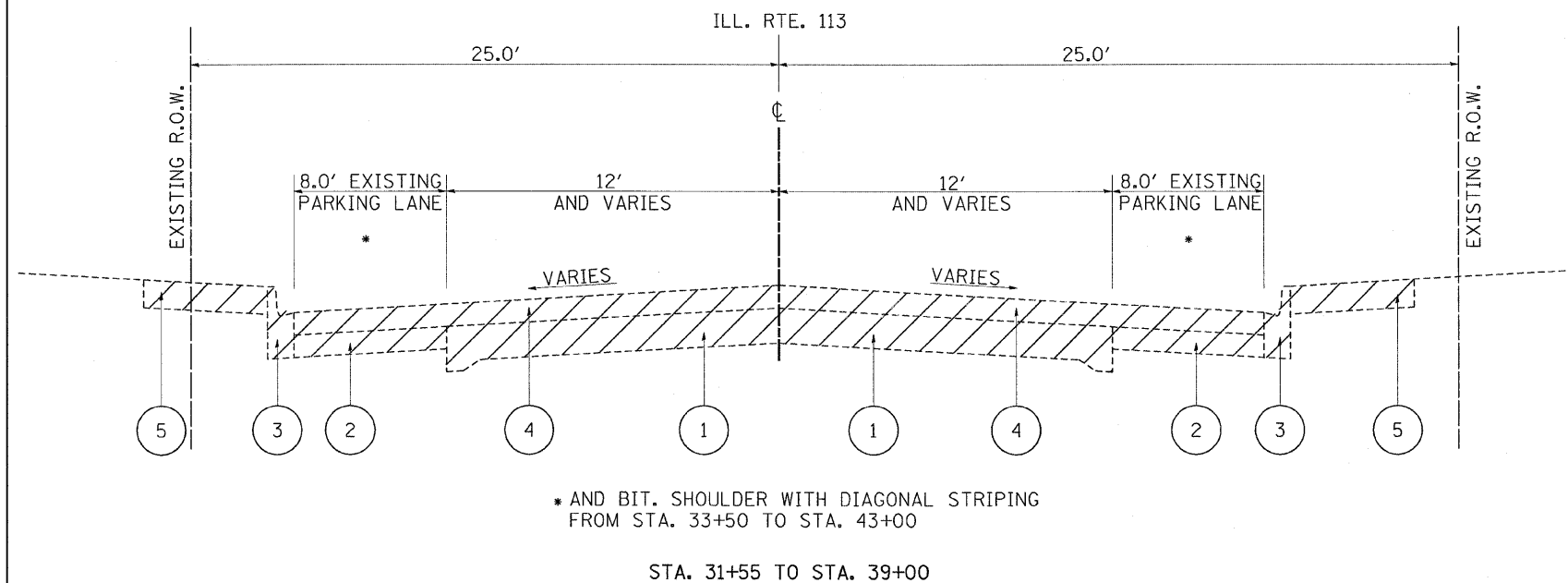
• SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
PLOT DATE: 8/30/2007

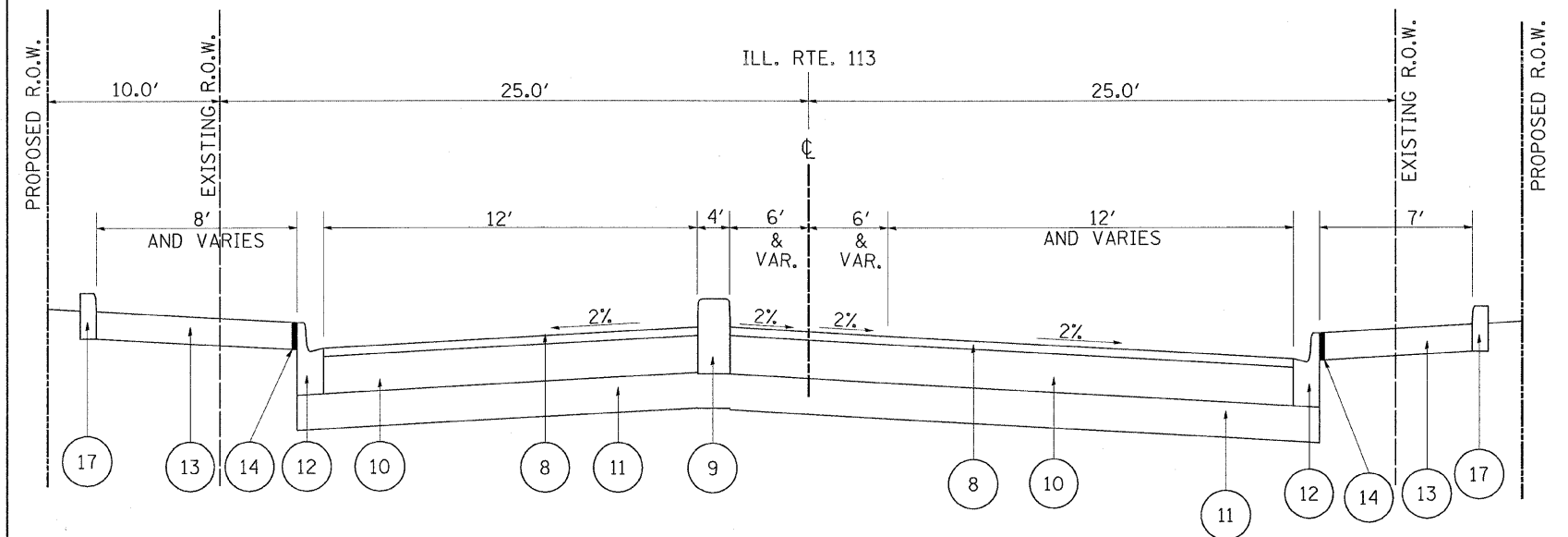
8/30/2007

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	8
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

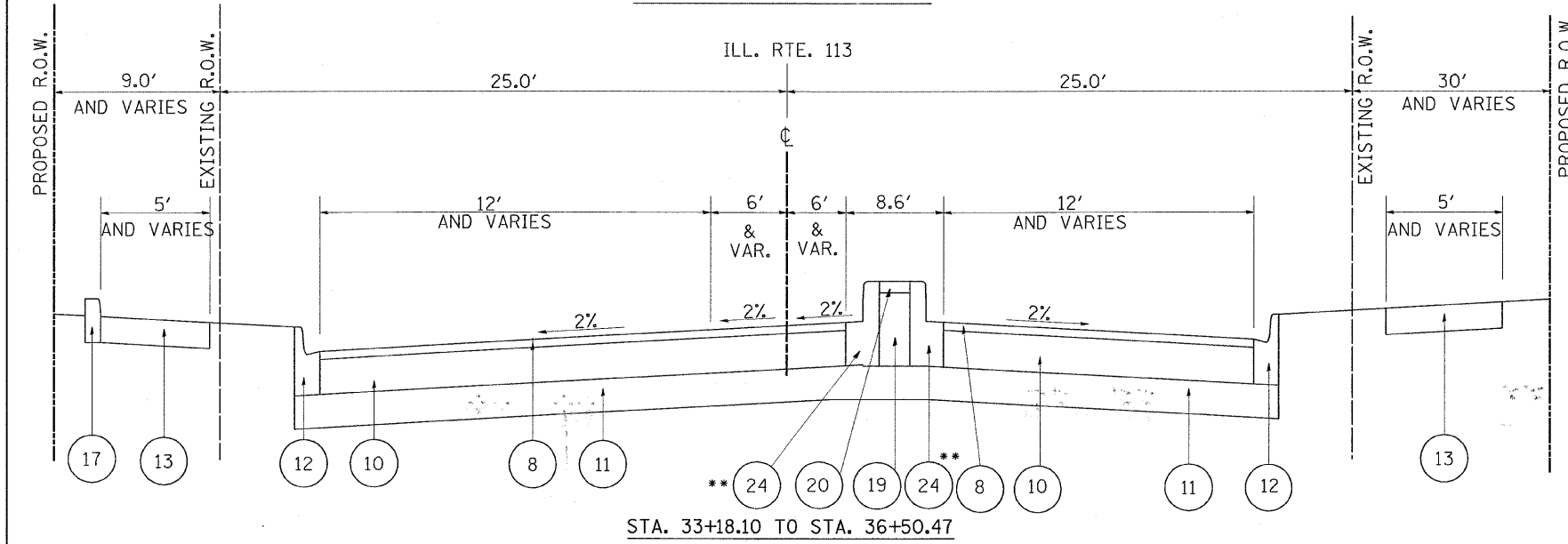


* AND BIT. SHOULDER WITH DIAGONAL STRIPING FROM STA. 33+50 TO STA. 43+00

STA. 31+55 TO STA. 39+00



STA. 31+55 TO STA. 33+18.10



STA. 33+18.10 TO STA. 36+50.47

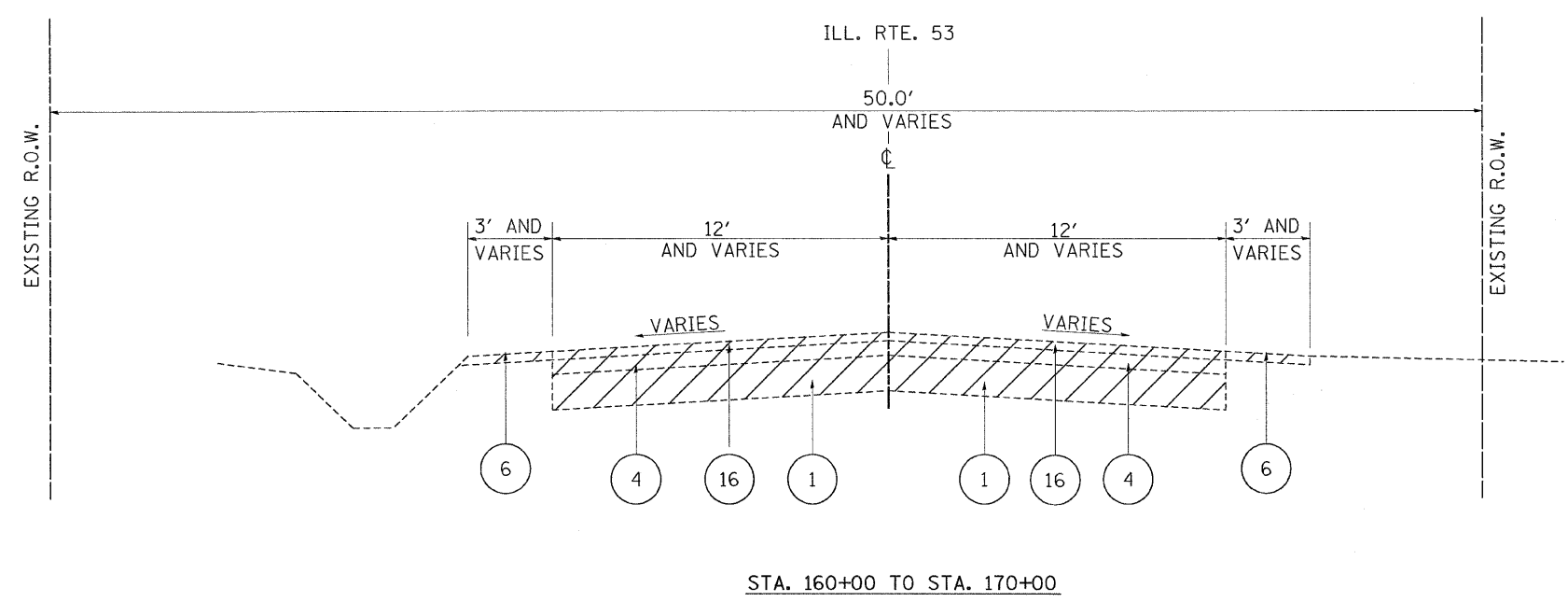
- 1 EXISTING P.C.C. PAVEMENT, VARIES 6" TO 8"
- 2 EXISTING P.C.C. PAVEMENT WIDENING, ± 5"
- 3 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 4 EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, ± 4"
- 5 EXISTING P.C.C. SIDEWALK, 5"
- 6 EXISTING AGGREGATE SHOULDER
- 7 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 9 PROPOSED CONCRETE MEDIAN, TYPE M-4.12
- 10 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
- 11 PROPOSED AGGREGATE SUBGRADE, 12"
- 12 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TYP.)
- 13 PROPOSED PCC SIDEWALK, 5"
- 14 PROPOSED 3/4" PREFORMED EXPANSION JOINT FILLER COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- 15 PROPOSED CONCRETE MEDIAN SURFACE, 4"
- 16 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- 17 PROPOSED CONCRETE CURB TYPE B
- 18 PROPOSED AGGREGATE SHOULDER, TYPE B
- 19 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 13 1/2"
- 20 PROPOSED CONCRETE MEDIAN 4"
- 21 PROPOSED PAVED DITCH TYPE B-30
- 22 PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19mm), 10 3/4"
- 23 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- 24 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

** PROPOSED M-4.12 CURB AND GUTTER:
STA. 34+39.30 TO STA. 34+68.20 RT.
STA. 34+84.20 TO STA. 36+08.80 LT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
TYPICAL SECTION
ILL ROUTE 113
SCALE: VERT. (1 OF 3) DRAWN BY
DATE: HORIZ. CHECKED BY

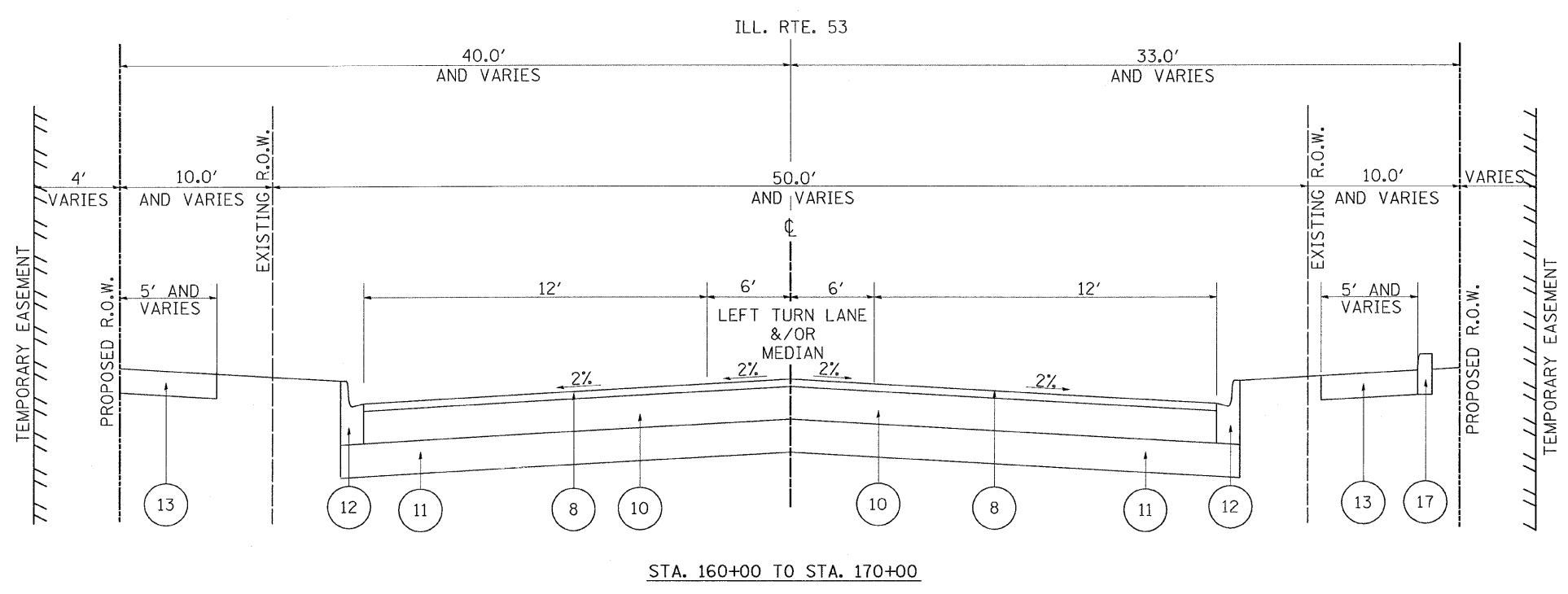
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PLOT SCALE = 50,000 / 1" IN.
USER NAME = hamdanah



- 1 EXISTING P.C.C. PAVEMENT, VARIES 6" TO 8"
- 2 EXISTING P.C.C. PAVEMENT WIDENING, ± 5"
- 3 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 4 EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, ± 4"
- 5 EXISTING P.C.C. SIDEWALK, 5"
- 6 EXISTING AGGREGATE SHOULDER
- 7 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 9 PROPOSED CONCRETE MEDIAN, TYPE M-4.12
- 10 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
- 11 PROPOSED AGGREGATE SUBGRADE, 12"
- 12 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TYP.)
- 13 PROPOSED PCC SIDEWALK, 5"

14 PROPOSED 3/4" PREFORMED EXPANSION JOINT FILLER
COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM

- 15 PROPOSED CONCRETE MEDIAN SURFACE, 4"
- 16 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- 17 PROPOSED CONCRETE CURB TYPE B
- 18 PROPOSED AGGREGATE SHOULDER, TYPE B
- 19 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 13 1/2"
- 20 PROPOSED CONCRETE MEDIAN 4"
- 21 PROPOSED PAVED DITCH TYPE B-30
- 22 PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19mm), 10 3/4"
- 23 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- 24 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
TYPICAL SECTION
ILL ROUTE 53
(2 OF 2)
SCALE: VERT. _____ DRAWN BY _____
HORIZ. _____ CHECKED BY _____
DATE _____

PLOT DATE = 8/29/2007
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USER NAME = hmdanah

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	15
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

NOTE:

A THICKNESS OF 6 INCHES OF TOPSOIL STRIPPING SHALL BE USED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

EARTHWORK SCHEDULE

IL 113 STAGE II					
IL ROUTE 113 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
29+00 TO 34+00	41.7	22.9	35.4	43.2	-7.8
34+00 TO 37+00	256.4	130.3	217.9	0.0	217.9
37+00 TO 42+59	133.3	129.1	113.3	0.0	113.3
TOTAL	431	282	367	43	323

IL 113 STAGE III					
IL ROUTE 113 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
29+00 TO 34+00	245.2	112.2	208.4	81.7	126.7
34+00 TO 37+00	505.9	132.6	430.0	38.3	391.7
37+00 TO 42+59	353.8	116.3	300.8	30.1	270.6
TOTAL	1105	361	939	150	789

IL 113 STAGE IV					
IL ROUTE 113 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
29+00 TO 34+00	68.0	32.3	57.8	34.7	23.1
34+00 TO 37+00	131.0	0.0	111.4	67.6	43.8
37+00 TO 42+59	135.7	0.0	115.4	70.0	45.1
TOTAL	335	32	284	173	112

IL 129 STAGE I					
IL 129 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
91+42 TO 98+50	466.9	327.7	396.9	80.2	316.7
TOTAL	467	328	397	80	317

IL 129 STAGE II					
IL 129 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
98+50 TO 105+24	264.9	359.8	225.1	261.3	-36.2
TOTAL	265	360	225	261	-36

IL 129 STAGE III					
IL 129 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
91+42 TO 98+50	662.4	387.3	563.0	133.6	429.4
TOTAL	662	387	563	134	429

IL 129 STAGE IV					
IL 129 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
98+50 TO 105+24	172.3	40.4	146.5	77.1	69.4
TOTAL	172	40	146	77	69

IL 53 STAGE I					
IL 53 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
157+65 TO 164+00	179.3	239.7	152.4	192.0	-39.6
TOTAL	179	240	152	192	-40

IL 53 STAGE II					
IL 53 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
164+00 TO 171+62	368.4	217.3	313.2	12.4	300.7
TOTAL	368	217	313	12	301

IL 53 STAGE III					
IL 53 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
157+65 TO 164+00	317.8	281.9	270.2	316.7	-46.5
TOTAL	318	282	270	317	-47

IL 53 STAGE IV					
IL 53 STATIONS	EARTH EXCAVATION (CU. YD.)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
164+00 TO 171+62	186.5	0.0	158.5	156.5	2.0
TOTAL	187	0	158	156	2

TREE REMOVAL SCHEDULE			
STATION	OFFSET/ SIDE (FEET)	6 TO 15 UNIT DIAMETER	OVER 15 UNIT DIAMETER
IL 53			
158+69	42' L		24
158+84	35' L		24
159+17	33' L		24
159+25	35' L		24
159+27	35' L		24
159+30	39' L		24
159+30	39' L		24
159+30	39' L		24
159+30	39' L		24
160+64	41' L		24
160+71	39' L		24
161+01	39' L		24
158+80	24' R	12	
159+89	29' R	12	
160+08	28' R	14	
IL 113			
38+54	29' R	14	
38+80	29' R	BUSH	
IL 129			
96+76	46' R	BUSH	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

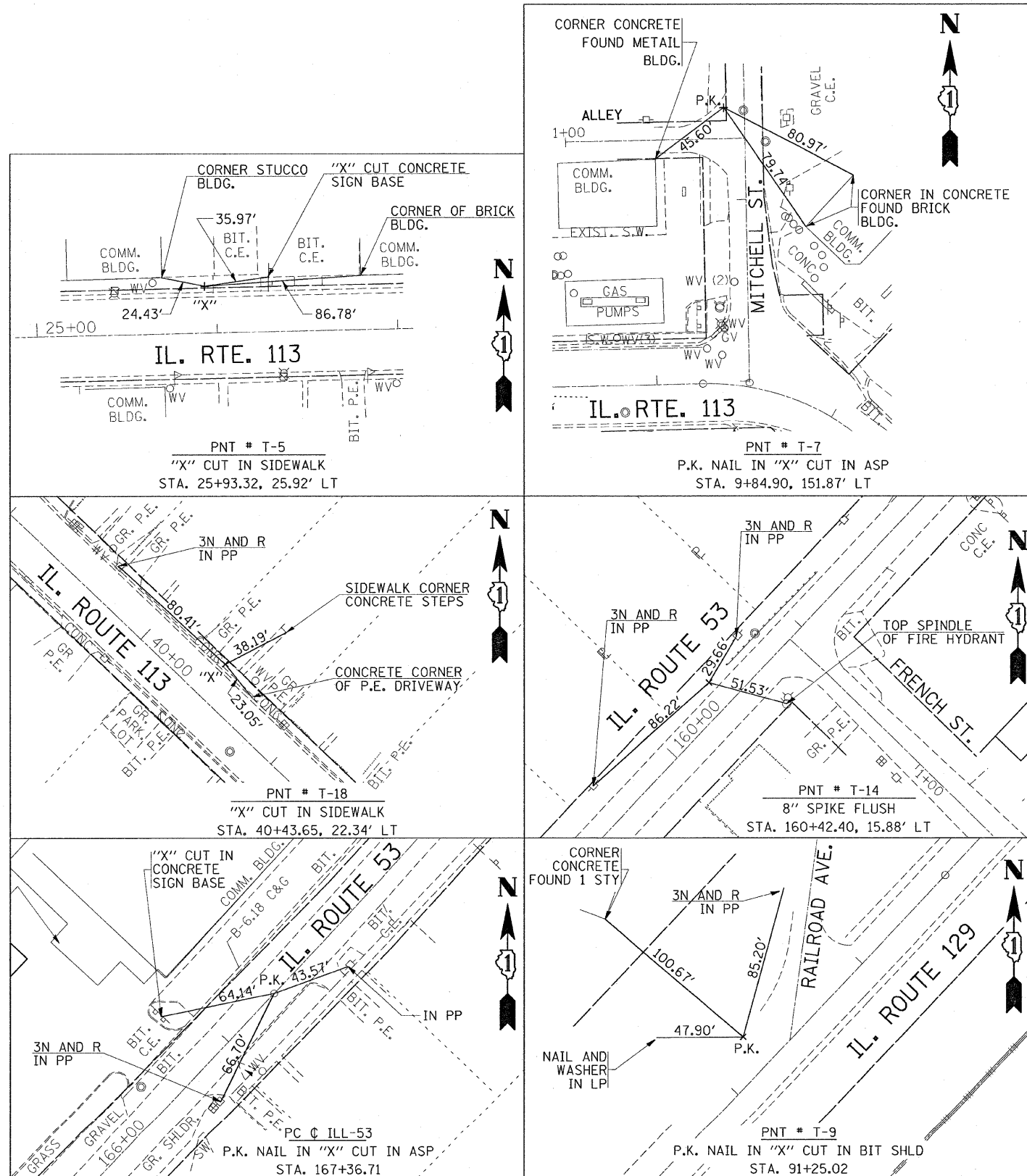
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
SCHEDULE OF QUANTITIES

SCALE: VERT. DRAWN BY
HORIZ. CHECKED BY
DATE

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



DESCRIPTION

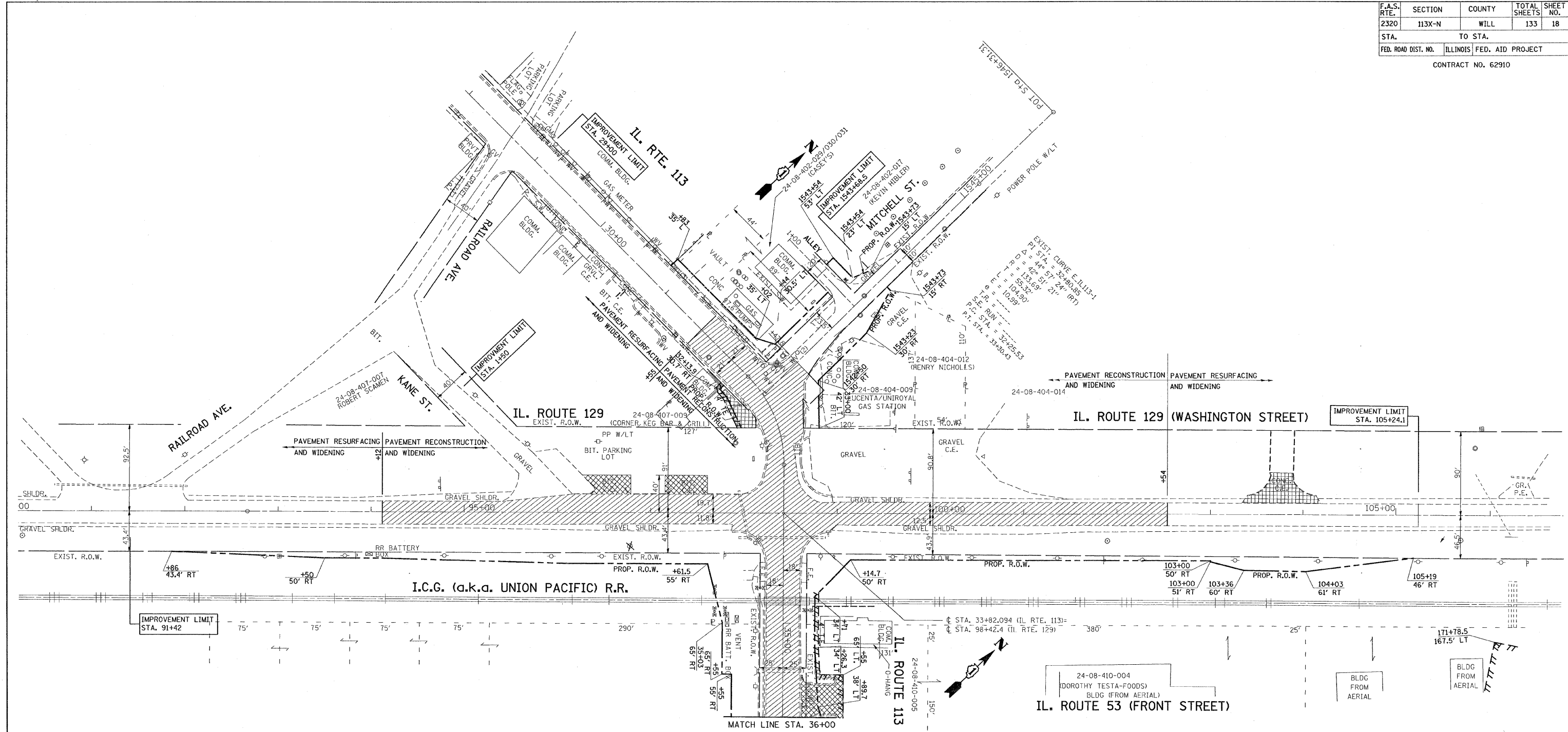
- BM # 27A SPIKE IN P.P. @ SOUTHEAST CORNER OF ILL- 113 AND ILL- 129
ELEV. = 580.71'
- BM # 100 X - CUT IN SLY BOLT
FH. STA. 105 + 00 ± 75' L ON ILL 129
ELEV. = 577.80
- BM # 101 X - CUT IN SLY BOLT
FH. @ NORTHEAST CORNER OF ILL 113 & RAILROAD ST.
ELEV. = 580.96
- BM # 102 SET 8" SPIKE IN P.P. @ NORTHWEST CORNER OF ILL- 129 & RAILROAD ST.
ELEV. = 580.69
- BM # 103 X - CUT IN SLY BOLT
FH. STA. 44 + ± 30' L ON ILL 113
ELEV. = 582.71

REVISIONS	
NAME	DATE

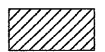




ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
TIES AND BENCHMARKS PLAN

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62910				



LEGEND

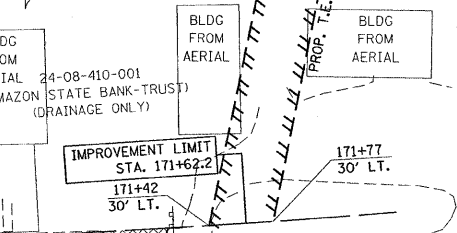
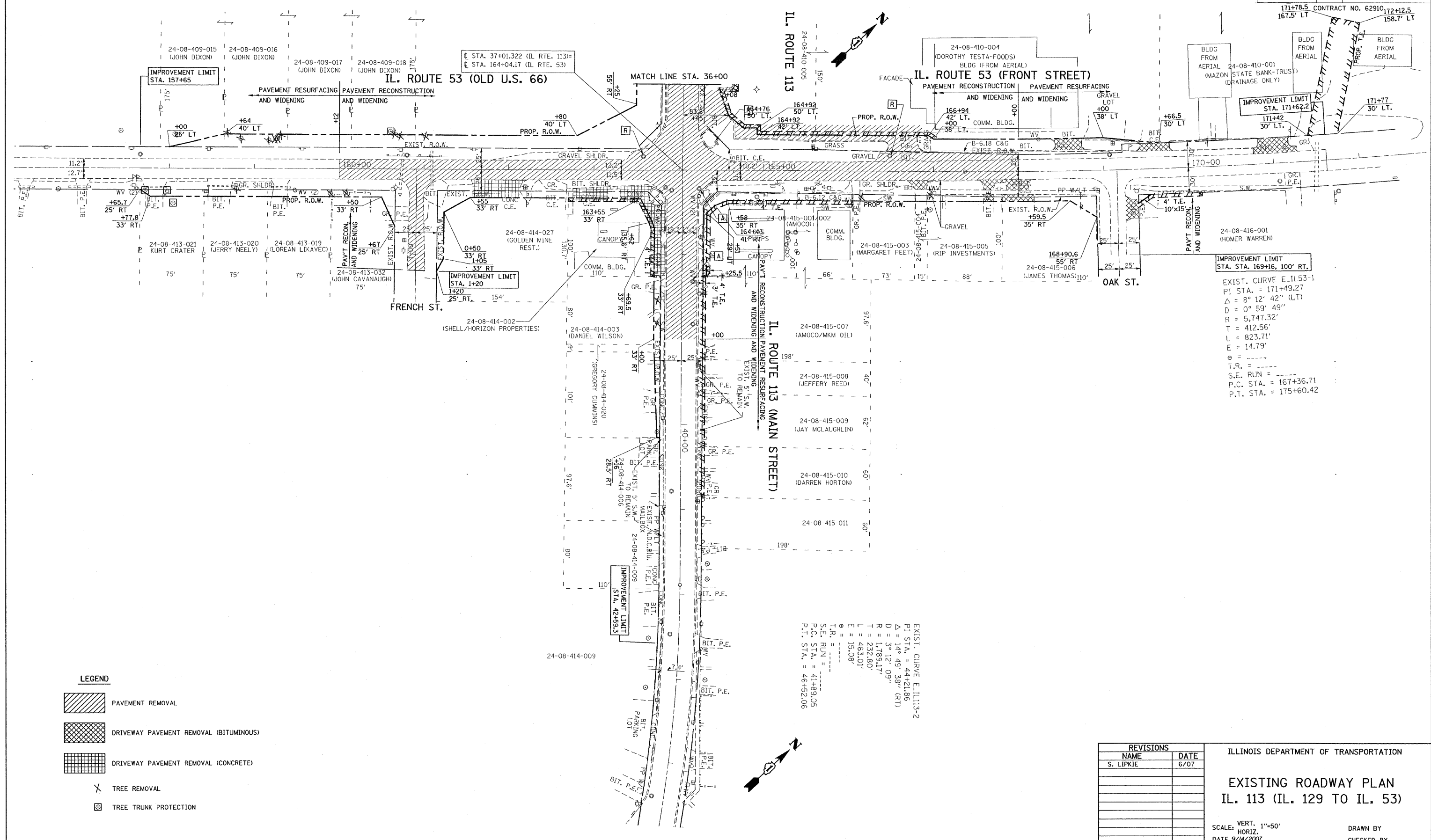
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL (BITUMINOUS)
-  DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
-  TREE REMOVAL
-  TREE TRUNK PROTECTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING ROADWAY PLAN
 IL. 113 (IL. 129 TO IL. 53)

SCALE: VERT. 1"=50'
 HORIZ. DATE 9/14/2007
 DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
171+78.5		CONTRACT NO. 62910172+12.5		
167.5' LT		158.7' LT		



EXIST. CURVE E.I.L153-1
 PI STA. = 171+49.27
 Δ = 8° 12' 42" (LT)
 D = 0° 59' 49"
 R = 5,747.32'
 T = 412.56'
 L = 823.71'
 E = 14.79'
 θ = -----
 $T.R.$ = -----
 $S.E. RUN$ = -----
 $P.C. STA.$ = 167+36.71
 $P.T. STA.$ = 175+60.42

EXIST. CURVE E.I.L113-2
 PI STA. = 44+21.86
 Δ = 14° 49' 38" (RT)
 D = 3° 12' 09"
 R = 1,789.17'
 T = 232.80'
 L = 463.01'
 E = 15.08'
 θ = -----
 $T.R.$ = -----
 $S.E. RUN$ = -----
 $P.C. STA.$ = 41+89.05
 $P.T. STA.$ = 46+52.06

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL (BITUMINOUS)
- DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
- TREE REMOVAL
- TREE TRUNK PROTECTION

REVISIONS	
NAME	DATE
S. LIPKIE	6/07

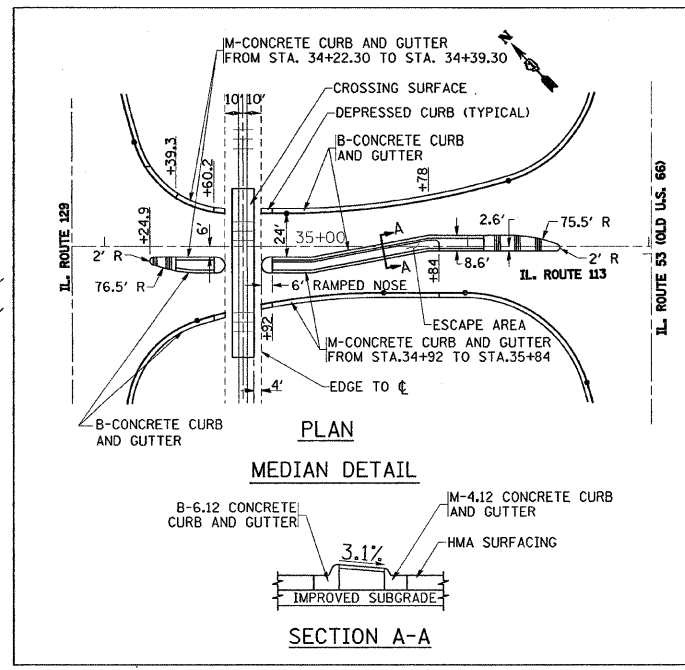
ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY PLAN
 IL. 113 (IL. 129 TO IL. 53)

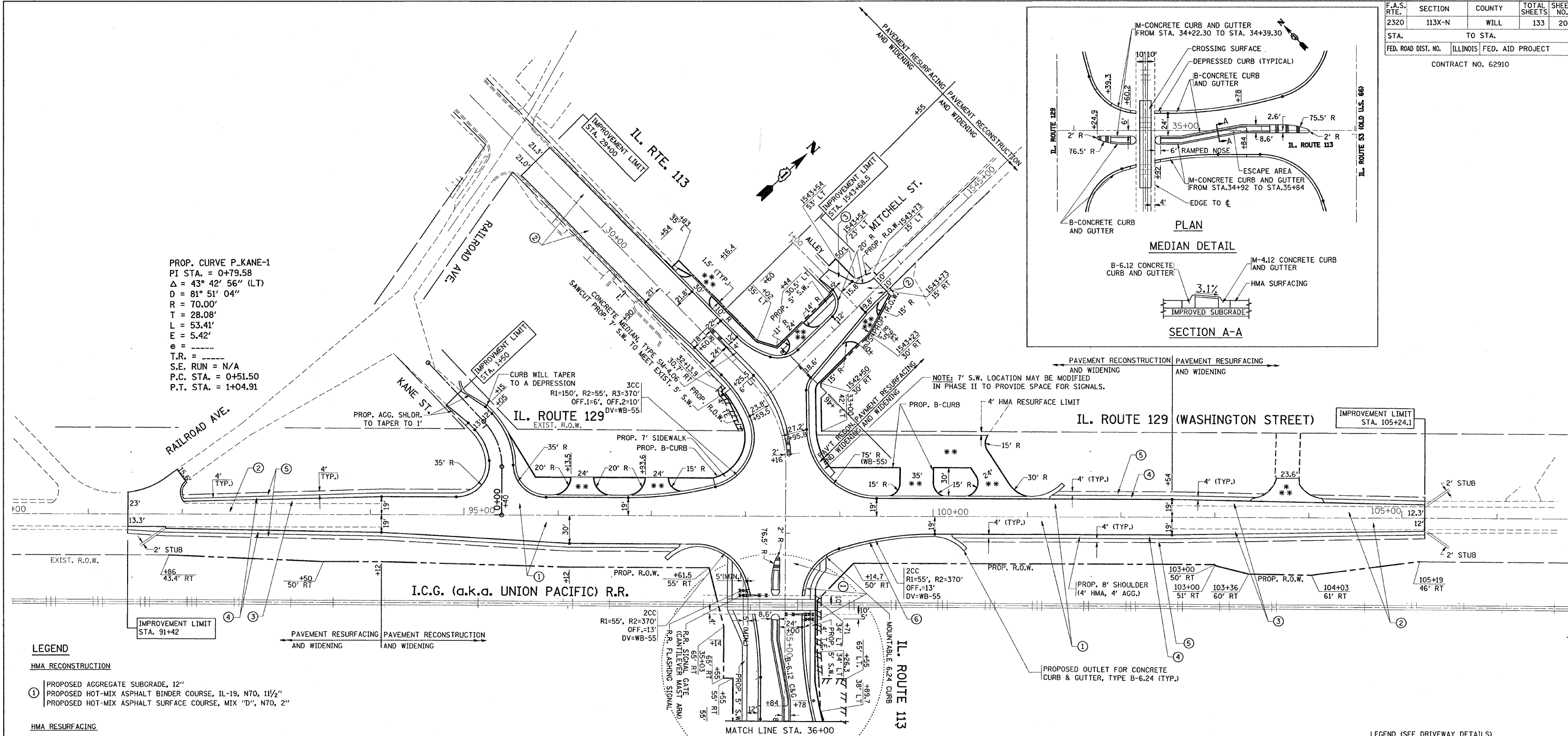
SCALE: VERT. 1"=50'
 HORIZ. DATE 9/14/2007

DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62910				



PROP. CURVE P.KANE-1
 PI STA. = 0+79.58
 $\Delta = 43^\circ 42' 56''$ (LT)
 $D = 81' 51' 04''$
 $R = 70.00'$
 $T = 28.08'$
 $L = 53.41'$
 $E = 5.42'$
 $e =$
 $T.R. =$
 $S.E. RUN = N/A$
 $P.C. STA. = 0+51.50$
 $P.T. STA. = 1+04.91$



- LEGEND**
- HMA RECONSTRUCTION**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
 - ② PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- HMA RESURFACING**
- ② PROPOSED POLYMERIZED LEVELING BINDER (MM) IL-4.75, N50, 1"
 - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- HMA WIDENING**
- ③ PROPOSED AGGREGATE SUBGRADE, 12"
 - ④ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19mm, 10 3/4")
 - ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MM) IL-4.75, N50, 1"
 - ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- HMA SHOULDER**
- ④ PROPOSED HMA SHOULDER, 8" (TYP.)
- AGGREGATE SHOULDER**
- ⑤ PROPOSED AGGREGATE SHOULDER, TYPE B
- CURB AND GUTTER**
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TYP.)

- NOTES:**
- ALL UTILITY COMPANIES RELOCATING WITHIN THE FOLLOWING AREAS SHOULD BE NOTIFIED OF THE POTENTIAL SOIL CONTAMINATION.
- STATION 98+80 TO STATION 99+50 0 TO 60 FEET LT (IL 129-WASHINGTON STREET, LUCENTA TIRE, SITE 752B-2, 100 BLOCK OF EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 1542+60 TO STATION 1543+30 0 TO 35 FEET LT (MITCHELL STREET, CASEY'S GENERAL STORE, SITE 752B-1, 280 EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: TCLP LEAD.
 - STATION 102+80 TO STATION 103+45 0 TO 60 FEET RT (IL 129-WASHINGTON STREET, VACANT LOT (STANDARD OIL COMPANY), SITE 752B-3, NORTH OF INTERSECTION OF OAK STREET AND FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 164+35 TO STATION 165+20 0 TO 45 FEET RT (IL 53-FRONT STREET, AMOCO, SITE 752B-B 105 NORTH FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: BETX, PAH's TCLP LEAD.
- THE FOLLOWING AREAS CAN BE MANAGED ON-SITE AS FILL.
- STATION 98+80 TO STATION 99+50 0 TO 60 FEET LT (IL 129-WASHINGTON STREET, LUCENTA TIRE, SITE 752B-2, 100 BLOCK OF EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 102+80 TO STATION 103+45 0 TO 60 FEET RT (IL 129-WASHINGTON STREET, VACANT LOT (STANDARD OIL COMPANY), SITE 752B-3, NORTH OF INTERSECTION OF OAK STREET AND FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.

- LEGEND (SEE DRIVEWAY DETAILS)**
- * HMA DRIVEWAY - RESIDENTIAL ENTRANCE
 - ** HMA DRIVEWAY - COMMERCIAL ENTRANCE
 - *** CONCRETE DRIVEWAY - RESIDENTIAL ENTRANCE
 - **** CONCRETE DRIVEWAY - COMMERCIAL ENTRANCE

REVISIONS	
NAME	DATE

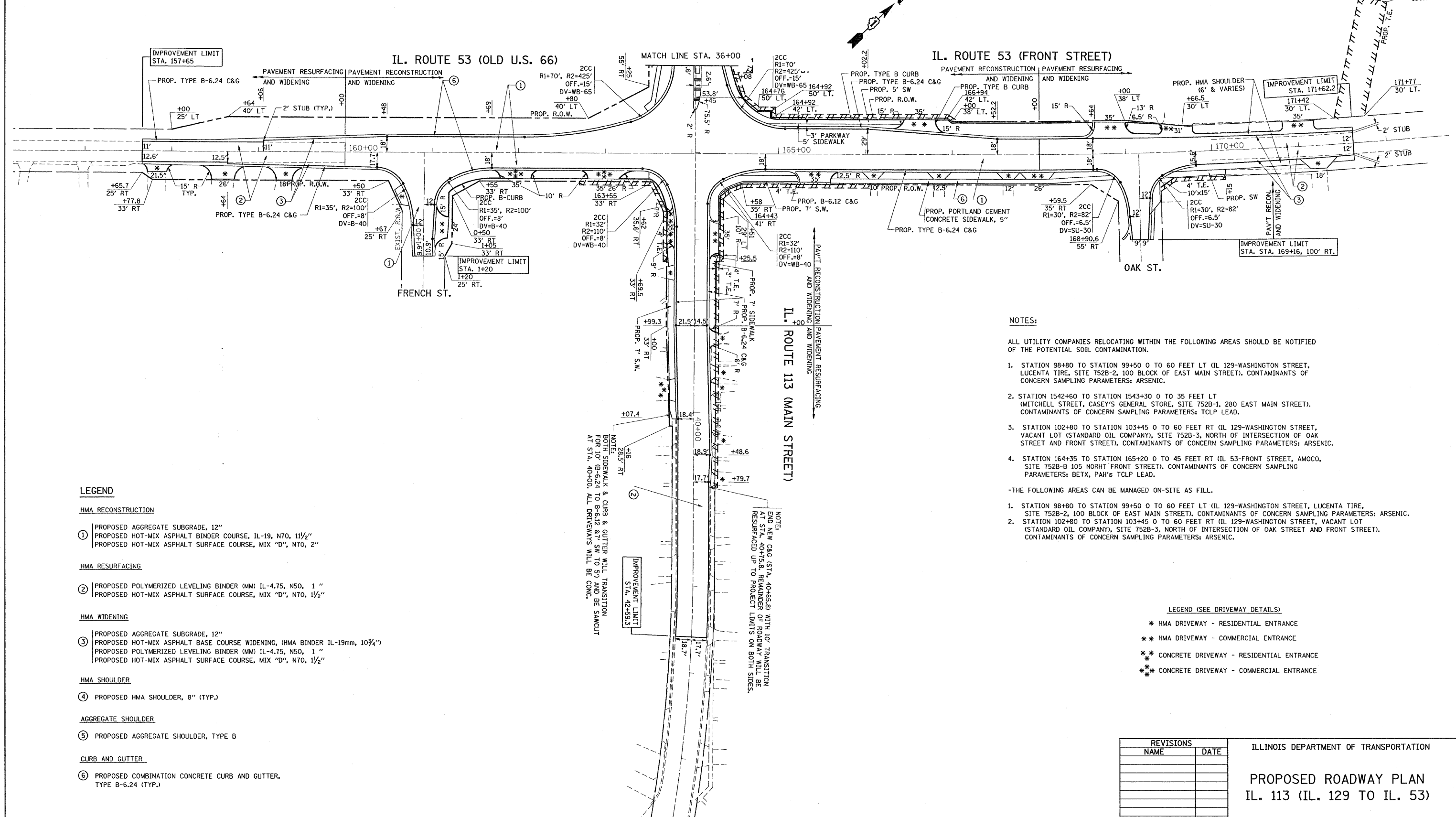
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
 IL. 113 (IL. 129 TO IL. 53)

SCALE: VERT. 1"=50'
 HORIZ. DATE 9/14/2007

DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
171+78.5	CONTRACT NO. 62910	172+12.5		
167.5' LT		158.7' LT		



LEGEND

- HMA RECONSTRUCTION**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
 - PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- HMA RESURFACING**
- ② PROPOSED POLYMERIZED LEVELING BINDER (MM) IL-4.75, N50, 1"
 - PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- HMA WIDENING**
- ③ PROPOSED AGGREGATE SUBGRADE, 12"
 - PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19mm, 10 3/4")
 - PROPOSED POLYMERIZED LEVELING BINDER (MM) IL-4.75, N50, 1"
 - PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- HMA SHOULDER**
- ④ PROPOSED HMA SHOULDER, 8" (TYP.)
- AGGREGATE SHOULDER**
- ⑤ PROPOSED AGGREGATE SHOULDER, TYPE B
- CURB AND GUTTER**
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TYP.)

NOTES:

- ALL UTILITY COMPANIES RELOCATING WITHIN THE FOLLOWING AREAS SHOULD BE NOTIFIED OF THE POTENTIAL SOIL CONTAMINATION.
- STATION 98+80 TO STATION 99+50 0 TO 60 FEET LT (IL 129-WASHINGTON STREET, LUCENTA TIRE, SITE 752B-2, 100 BLOCK OF EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 1542+60 TO STATION 1543+30 0 TO 35 FEET LT (MITCHELL STREET, CASEY'S GENERAL STORE, SITE 752B-1, 280 EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: TCLP LEAD.
 - STATION 102+80 TO STATION 103+45 0 TO 60 FEET RT (IL 129-WASHINGTON STREET, VACANT LOT (STANDARD OIL COMPANY), SITE 752B-3, NORTH OF INTERSECTION OF OAK STREET AND FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 164+35 TO STATION 165+20 0 TO 45 FEET RT (IL 53-FRONT STREET, AMOCO, SITE 752B-B 105 NORTH FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: BETX, PAH's TCLP LEAD.
- THE FOLLOWING AREAS CAN BE MANAGED ON-SITE AS FILL.
- STATION 98+80 TO STATION 99+50 0 TO 60 FEET LT (IL 129-WASHINGTON STREET, LUCENTA TIRE, SITE 752B-2, 100 BLOCK OF EAST MAIN STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - STATION 102+80 TO STATION 103+45 0 TO 60 FEET RT (IL 129-WASHINGTON STREET, VACANT LOT (STANDARD OIL COMPANY), SITE 752B-3, NORTH OF INTERSECTION OF OAK STREET AND FRONT STREET). CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.

LEGEND (SEE DRIVEWAY DETAILS)

- * HMA DRIVEWAY - RESIDENTIAL ENTRANCE
- ** HMA DRIVEWAY - COMMERCIAL ENTRANCE
- *** CONCRETE DRIVEWAY - RESIDENTIAL ENTRANCE
- **** CONCRETE DRIVEWAY - COMMERCIAL ENTRANCE

REVISIONS	
NAME	DATE

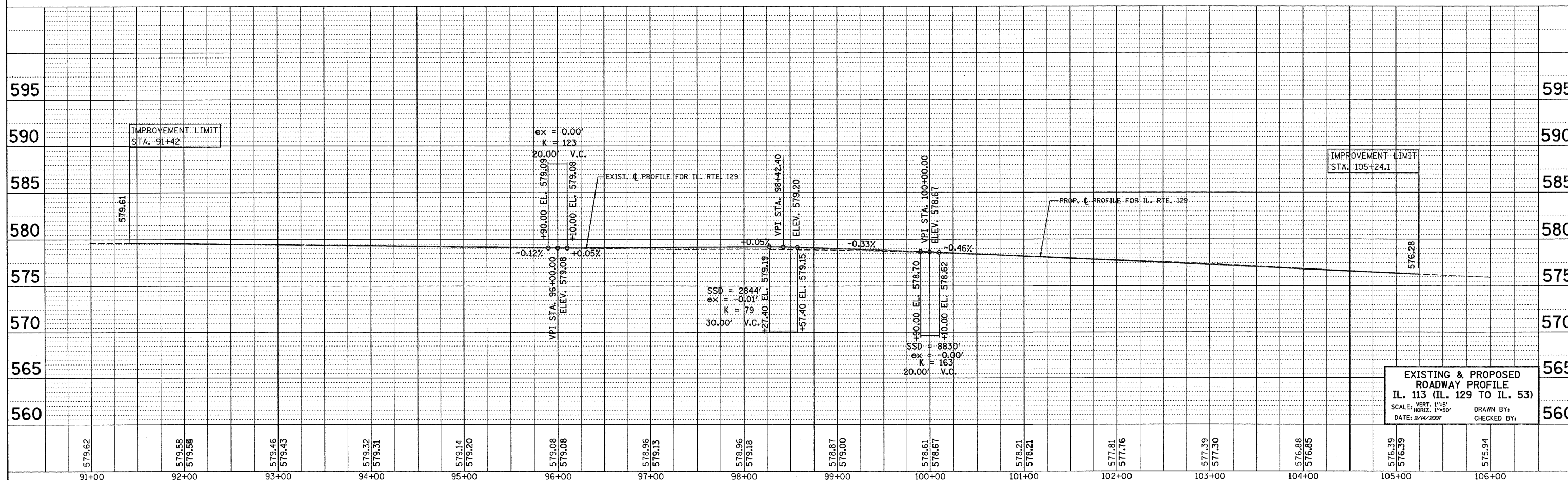
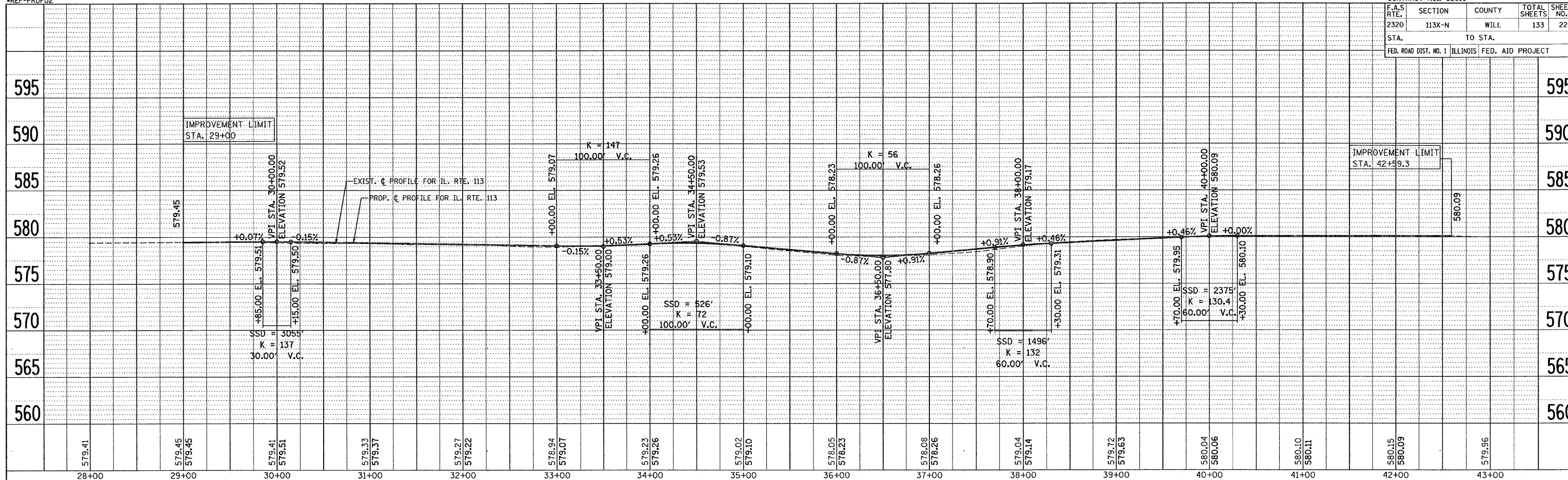
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
IL. 113 (IL. 129 TO IL. 53)

SCALE: VERT. 1"=50'
HORIZ. DATE 9/14/2007

DRAWN BY
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	22
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

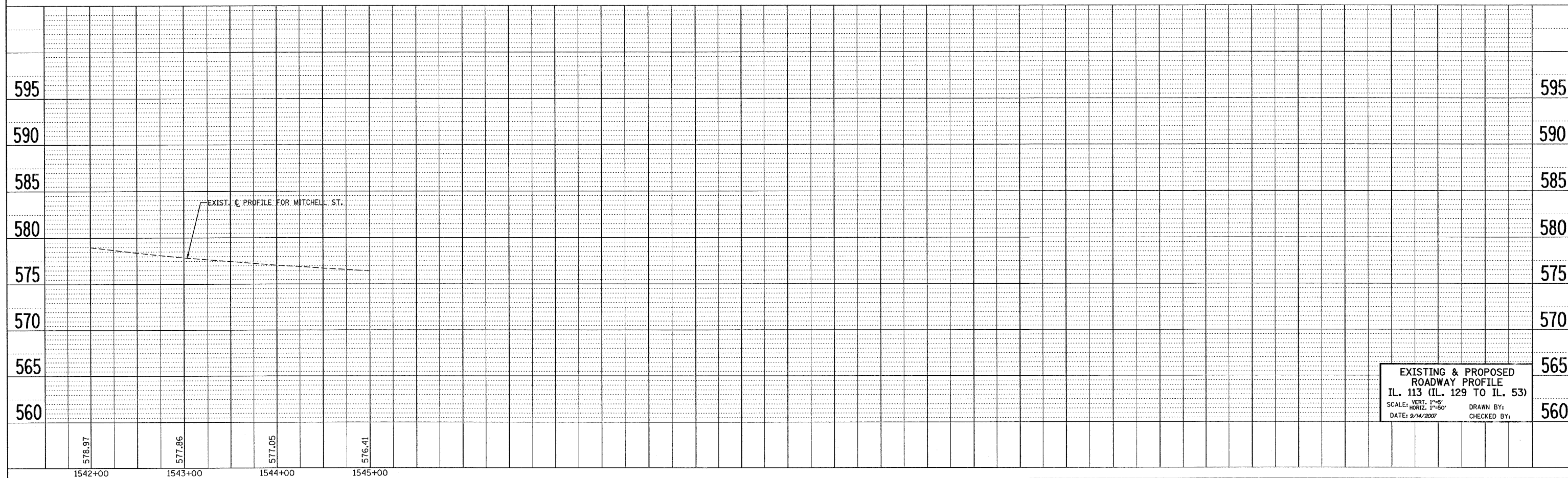
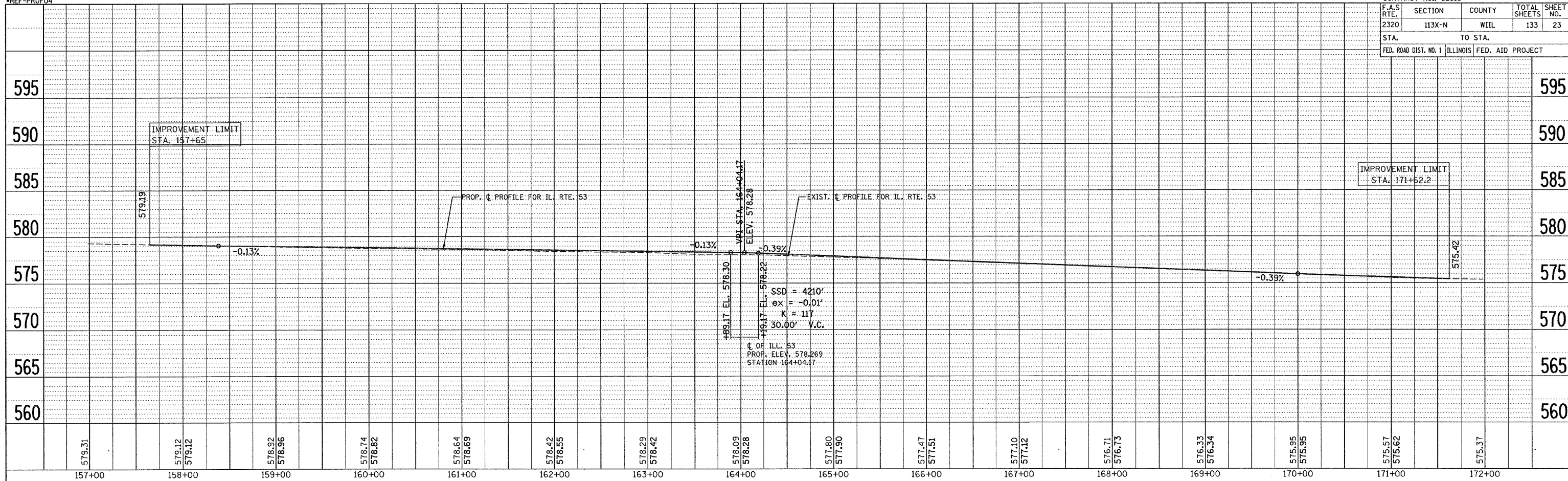


EXISTING & PROPOSED
ROADWAY PROFILE
IL. 113 (IL. 129 TO IL. 53)
SCALE: HORIZ. 1"=50'
DATE: 9/14/2007
DRAWN BY:
CHECKED BY:

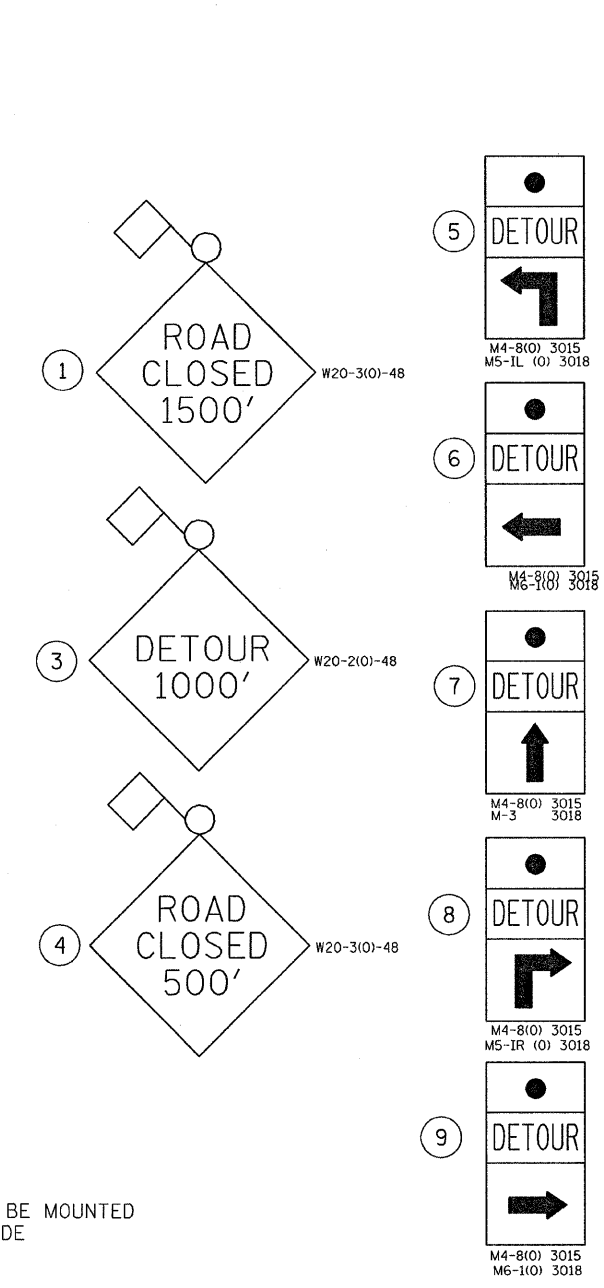
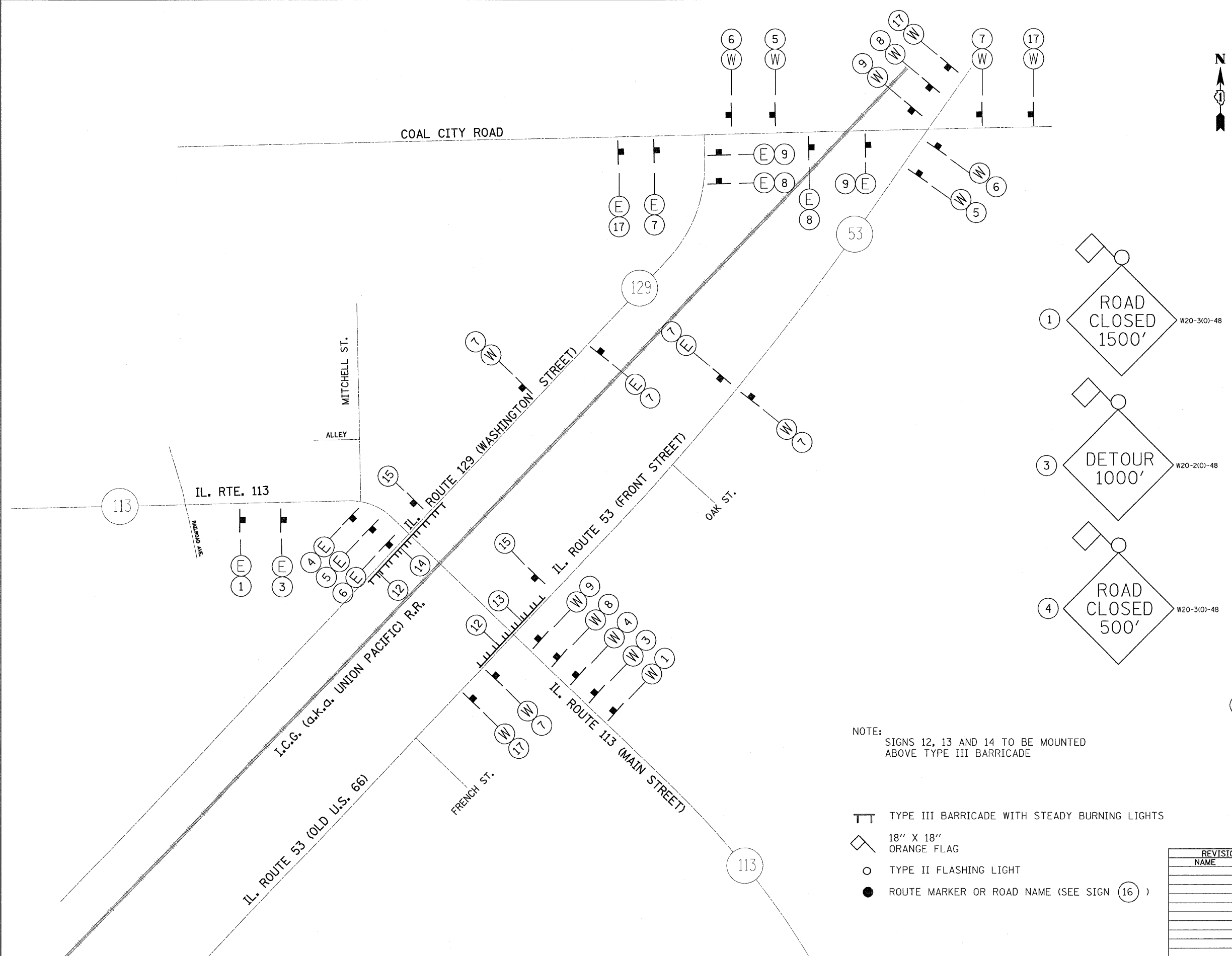
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REF-PROF04

CONTRACT NO.: 62910

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	23
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: SIGNS 12, 13 AND 14 TO BE MOUNTED ABOVE TYPE III BARRICADE

- TT TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- ◇ 18" X 18" ORANGE FLAG
- TYPE II FLASHING LIGHT
- ROUTE MARKER OR ROAD NAME (SEE SIGN 16)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53**
 PROPOSED DETOUR MAP
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/29/2007
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 USER NAME = hendrich

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PRE-STAGE I

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF PAVEMENT ON BOTH SIDES OF ILL. RT. 129 (STA. 92+00 TO 105+24) AND ILL. RT. 113 (STA. 31+15 TO 37+02), AND ALONG THE EDGE OF PAVEMENT ON THE NORTH WEST SIDE OF ILL. RT. 53 (STA. 157+65 TO STA. 171+62).

INSTALL THE PROPOSED DRAINAGE SYSTEM ALONG THE EAST SIDE OF ILL. RT. 129 AND WEST SIDE OF ILL. RT. 53, AND WHERE INDICATED ON THE PLANS.

INSTALL THE PROPOSED PAVEMENT (AS INDICATED IN THE APPLICABLE TYPICAL SECTIONS) ALONG EACH LEG WHERE SHOWN ON THE PLANS, DO NOT INSTALL THE PROPOSED CURB AND GUTTER, OR DO ANY WORK OFF THE EDGE OF PAVEMENT WHERE TEMPORARY PAVEMENT IS REQUIRED.

INSTALL PROPOSED AGGREGATE SUBGRADE 12", HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" IN AREA (A, B) WHILE CONSTRUCTION AREA "A" ALLOW SOUTHBOUND TRAFFIC ON ILL. RT. 129 TO TURN RIGHT ONTO WESTBOUND ILL. RT. 113, AREA "B", ALLOW NORHTBOUND TRAFFIC ON ILL. RT. 129 TO TURN LEFT ONTO WESTBOUND ILL. RT. 113. THIS WORK SHALL BE DONE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.

INSTALL TEMPORARY PAVEMENT, 10" AT NORTHEAST AND SOUTHEAST CORNER OF ILL. RT. 113 AND ILL. RT 129 WHERE SHOWN ON THE PRE-STAGING PLANS, AND INSTALL PROPOSED, AGGREGATE SUBGRADE, 12", HOT-MIX ASPHALT BINDER COURSE, IL- 19, N70, 1 1/2" IN AREA (C,D) WHILE CONSTRUCTION AREA "C", ALLOW WESTBOUND TRAFFIC ON ILL. RT. 113 GOING THROUGH LANES AND SOUTHBOUND TRAFFIC ON ILL. RT. 129 TO TURN LEFT ONTO WESTBOUND ILL. RT. 113. AREA "D", ALLOW EASTBOUND TRAFIC ON ILL. RT. 113 GOING THROUGH LANES AND NORTHBOUND TRAFFIC ON ILL. RT. 129 GOING THROW. THIS WORK SHALL BE DONE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.

INSTALL PROPOSED AGGREGATE SUBGRADE, 12", HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" IN AREA (E, F) WHILE CONSTRUCTION AREA "E" ALLOW SOUTHBOUND TRAFFIC AN ILL. RT. 53, AND WESTBOUND ILL. RT. 113 GOING THROUGH LANES, ALSO SOUTHBOUND ILL. RT. 53 TURN RIGHT ONTO WESTBOUND ILL. RT. 113. THIS WORK SHALL BE DONE USING TRAFFICCONTROL AND PROTECTION STANDARD, 701201.

INSTALL THE PROPOSED DRAINAGE SYSTEM ALONG THE EAST SIDE OF ILL. RT. 129 AND WEST SIDE OF ILL. RT. 53, AND WHERE INDICATED ON THE PLANS.

INSTALL TRAFFIC SIGNALS IN THEIR PROPOSED LOCATIONS OFF THE EDGE OF PAVEMENT. THE INTERSECTIONS WILL STAY STOP CONTROLLED UNTIL STAGE I.

STAGE I

USING WET REFLECTIVE TAPE, RESTRIPE ILL. RT. 113, ILL. RT. 129 AND ILL. RT. 53 FROM THE NEW EDGE OF PAVEMENT (PROPOSED, TEMPORARY OR EXISTING) AS SHOWN ON THE PLANS.

THE INTERSECTION OF ILL. RT. 113 AND ILL. RT. 129 SHALL BE CHANNELIZED WITH TWO ELEVEN FOOT THROUGH LANES AND AN ELEVEN FOOT LEFT TURN LANE IN EACH DIRECTION.

THE INTERSECTION OF ILL. RT. 113 AND ILL. RT. 53 SHALL HAVE TWO ELEVEN FOOT THROUGH LANES ON THE EAST LEG OF ILL. RT. 113 AND THE SOUTH LEG OF ILL. RT. 53. THE NORTH LEG OF ILL. RT. 53 WILL HAVE TWO TWELVE FOOT THROUGH LANES, AND THE WEST LEG OF ILL. RT. 113 WILL HAVE TWO ELEVEN FOOT THROUGH LANES AND AN ELEVEN FOOT RIGHT TURN LANE.

TURN ON TEMPORARY TRAFFIC SIGNALS FOR BOTH INTERSECTIONS (ILL. RT. 113 @ ILL. RT. 129 AND ILL. RT. 113 @ ILL. RT. 53).

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF THE EASTBOUND LANE OF ILL. RT. 113 (STA. 37+00 TO STA. 42+59).

INSTALL THE PROPOSED ROADWAY (AS INDICATED IN THE APPLICABLE TYPICAL SECTION) ALONG THIS STRETCH OF ILL. RT. 113 AND SOUTHEAST CORNER OF INTERSECTION (AREA "6"). WHILE CONSTRUCTING AREA "G", ALLOW NORTHBOUND TRAFFIC ON ILL. RT. 113 TO TURN RIGHT ONTO EASTBOUND ILL. RTE. 113 USING THE PAVEMENT CONSTRUCTED EARLIER IN STAGE I.

STAGE Ia

SHIFT THE EASTBOUND TRAFFIC ON ILL. RT. 113 (STA. 37+00 TO STA. 42+59) ONTO THE NEWLY CONSTRUCTED PAVEMENT AS AN ELEVEN FOOT THROUGH LANE. LEAVE THE WESTBOUND TRAFFIC IN THE SAME CONFIGURATION AS STAGE I.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II BETWEEN THE TWO THROUGH LANES ON ILL. RT. 113 AND CONSTRUCT THE PROPOSED ROADWAY.

INSTALL THE PROPOSED ROADQAY (AS INDICATED IN THE APPLICABLE TYPICAL SECTION ALONG THIS STRETCH OF ILL. RT. 113.

STAGE Ib

SHIFT THE WESTBOUND TRAFFIC ON ILL. RT. 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT AS AN ELEVEN FOOT THROUGH LANE. LEAVE THE EASTBOUND TRAFFIC IN THE SAME CONFIGURATION IT WAS IN FOR STAGE IA.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ON THE NORTH EDGE OF THE WESTBOUND TRAVEL LANE AND CONSTRUCT THE REMAINING PROPOSED ROADWAY ON ILL. RT. 113 (STA. 37+00 TO 42+59) AND NORTHEAST CORNER OF INTERSECTION (AREA "H"), WHILE CONSTRUCTING AREA "H", ALLOW WESTBOUND TRAFFIC ON ILL. RT. 113 TO TURN RIGHT ONTO NORHTBOUND ILL. RTE. 53 USING THE PAVEMENT CONSTRUCTED EARLIER IN STAGE IB.

STAGE II

TURN ON TEMPORARY TRAFFIC SIGNALS FOR BOTH INTERSECTIONS (ILL. RT. 113 @ ILL. RT. 129 AND ILL. RT. 113 @ ILL. RT. 53).

THE LANE WIDTHS ARE 11' EACH FOR THE WEST, AND SOUTH LEGS OF THE INTERSECTION, AND 12' EACH FOR THE EAST AND NORTH LEG OF THE INTERSECTION (ILL. RT. 53).

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF THE TEMPORARY NORTHBOUND LANE OF ILL. RT. 53 (SEE PLANS FOR EXACT LOCATIONS).

INSTALL THE REMAINING DRAINAGE STRUCTURES ALONG THE EAST SIDE OF ILL. RT. 53 (SEE PLANS FOR EXACT LOCATIONS).

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS) ALONG THE CLOSED PORTION OF ILL. RT. 53 (STA. 157+65 TO STA. 171+62).

STAGE IIa

SHIFT NORTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED PAVEMENT ON IL. RT. 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE WORK ZONE BETWEEN THE NORTHBOUND AND SOUTHBOUND TRAVEL LANES AND THE LEFT TURN LANE IN THE EAST, WEST AND SOUTH LEG OF THE INTERSECTION, ALSO NO LEFT TURN ON THE NORTH LEG AT ILL. RT.53.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIb

SHIFT THE TURN LANES ON EACH SIDE ONTO THE NEWLY CONSTRUCTED PAVEMENT ON ILL. RT. 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE LEFT TURN LANES AND THE SOUTHBOUND THROUGH LANES (STA. 162+00 TO 168+00). THE MIN. WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIc

*NOTE: THIS JOB INCLUDES A RAILROAD CROSSING WHICH NEEDS TO BE REPAIRED SO FOR A TIME ILL. RT. 113 WILL HAVE TO BE CLOSED BETWEEN ILL. RT. 129 AND ILL. RT. 53 (SEE STAGE IIC). WE ARE REQUESTING A 14 DAY CLOSURE FOR THIS WORK SO THAT SECTION OF IL 113 CAN BE BUILT WHILE THE RAILROAD WORK IS BEING DONE.

SHIFT THE SOUTHBOUND THROUGH LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT ON IL 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE WESTERN EDGE OF THE SOUTHBOUND LANES (STA. 162+00 TO 168+00) ON IL 53, AND ALONG THE EDGE OF THE TEMPORARY LANES (STRIPED IN STAGE I) ON BOTH SIDES OF ILL. RT. 113 (STA. 34+72 TO STA. 36+90).

INSTALL THE PROPOSED ROADWAY IN THE WORK ZONE ALONG IL 53 AND IL 113 (SEE TYPICAL SECTIONS FOR DETAILS).

INSTALL THE PROPOSED PCC SIDEWALK, 5" ON THE EAST AND WEST EDGE OF ILL. RT. 113. (SEE TYPICAL SECTION FOR DETAILS).

STAGE III

RESTRIPE THE PAVEMENT WITH WET REFLECTIVE MARKING SO THE INTERSCITION OF ILL. RT. 113 AND ILL. RT. 129 IS FULLY CHANNELIZED WITH ONE THROUGH LANES IN EACH DIRECTION AND ONE LEFT TURN LANE ON EACH LEG. EXDEPT ON ILL. RT. 129 (NORTHBOUND OF SOUTH LEG) HAS RIGHT TURN.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EAST EDGE OF THE TEMPORARY NORTHBOUND LANES ON IL 129 (STA. 91+42 TO STA. 97+20, AND FROM STA. 99+47 TO STA. 105+24), STRIPED IN STAGE II, AND ALONG BOTH SIDES OF IL 113.

INSTALL THE PROPOSED ROADWAY IN THE WORK ZONE ALONG IL 129 (SEE TYPICAL SECTIONS FOR DETAILS).

INSTALL THE POPOSED HOT-MIX ASPHALT SHOULDER 4' AND PROPOSED AGGREGATE SHOULDER 4', TYPE B FROM STA. 91+42 TO 97+10 (RT), ON NORHTBOUND OF ILL. RT. 129.

STAGE IIIa

SHIFT NORTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE NORTHBOUND THROUGH LANES AND THE LEFT TURN LANES ON IL 129 (STA. 94+12 TO STA. 98+25 AND FROM STA. 98+45 TO STA. 102+54) AND TAPER FROM (STA. 91+42 TO STA. 94+12 AND STA. 102+54 TO STA. 103+35). THE TOTAL WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIIb

SHIFT THE TURN LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE SOUTHBOUND THROUGH LANES AND LEFT TURN LANES ON IL 129 (STA. 157+65 TO STA. 171+62). THE TOTAL WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIIc

SHIFT THE SOUTHBOUND THROUGH LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE WEST EDGE OF TEMPORARY SOUTHBOUND LANE ON IL 129 (STA. 92+00 TO STA. 105+24) AND ALONG THE TEMPORARY EDGES OF IL 113 (STA. 30+90 TO STA. 33+65). ALSO, BLOCK OFF THE EASTERN HALF OF MITCHELL ST. FROM THE CENTER LINE.

INSTALL THE PROPOSED ROADWAY ALONG IL 129, IL 113 AND MITCHELL ST. IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS).

REMOVE PROPOSED TEMPORARY PAVEMENT, 10" (SEE STAGE IIIC PLANS FOR DETAILS).

STAGE IV

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE CENTERLINE OF IL 113 AND SHIFT TRAFFIC ONTO THE NORTH SIDE OF THE ROADWAY, ACCOMMODATING TWO ELEVEN FOOT THROUGH LANES AND LEFT TURN LANES ON ILL 129 (STA. 29+00 TO 32+20.9).

LEAVE THE NORTH LEG, SOUTH LEG, AND EAST LEG ON IL 113 AND ILL 129, TRAFFIC IN THE SAME CONFIGURATION AS STAGE III.

LEAVE THE NORHT LEG, SOUTH LEG, EAST LEG, AND WEST LEG ON IL 113 AND IL 53 TRAFFIC IN THE SAME CONFIGURATION AS STAGE III.

PROGRAM THE TRAFFIC SIGNAL TO THE PROPOSED CONFIGURATION.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS)

TAPER THE TEMPORARY TRAFFIC LANES ON IL 113 TO MATCH THE INTERSECTION LAYOUT OF IL 113 @ IL 53 THAT WAS COMPLETED IN STAGE II.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS).

BUILD THE PROPOSED MEDIAN ON IL 113 (STA. 34+29 TO STA. 34+72).

STAGE IVa

SHIFT EASTBOUND AND WESTBOUND TRAFFIC ON IL 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT.

RESTRIPE THE PAVEMENT SO THE INTERSECTION OF IL 113 AND IL 129 IS FULLY CHANNELIZED AND HAS TWO ELEVEN FOOT THROUGH LANES AND ONE ELEVEN FOOT LEFT TURN LANE ON EACH LEG.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG IL 113 ELEVEN FEET NORTH OF THE CENTERLINE (STA. 29+00 TO 32+50). ALSO, BLOCK OFF THE WESTERN HALF OF MITCHELL ST. FROM THE CENTER LINE.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 AND MITCHELL ST (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IVb

SHIFT WESTBOUND TRAFFIC ON IL 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE, BETWEEN THE WESTBOUND THROUGH LANE AND THE LEFT TURN LANE (STA. 29+00 TO STA. 33+55).

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE V

MILL THE EXISTING SURFACE, 2 1/2" ON ILL. RT. 113 (STA. 29+00 TO STA. 31+55), ILL. RT. 129 (STA. 91+42 TO 94+12) AND STA/ 102+54 TO STA. 105+24.1) AND ILL. RT. 53 (STA. 157+65 TO STA. 160+00 AND STA. 168+00).

INSTALL 1.5 INCHES OF HOT-MIX ASPHALT COURSE MIXTURE "D", N70, AND POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL - 4.75, N70, 1", FOR THE VARIABLE WIDENING AND RESURFACING (SEE PROPOSED SHEETS FOR LOCATION).

INSTALL 2 INCHES OF HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "D", N70 FOR THE RECONSTRUCTION AREA (SEE PROPOSED SHEETS FOR LOCATION).

PROPOSED FINAL PAVEMENT MARKING, LANDSCAPING OPERATION AND ALL INCIDENTAL AND COLLATERAL WORK USING THE APPROPRIATE TRAFFIC CONTROL STANDARDS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53

SUGGESTED STAGING NOTES

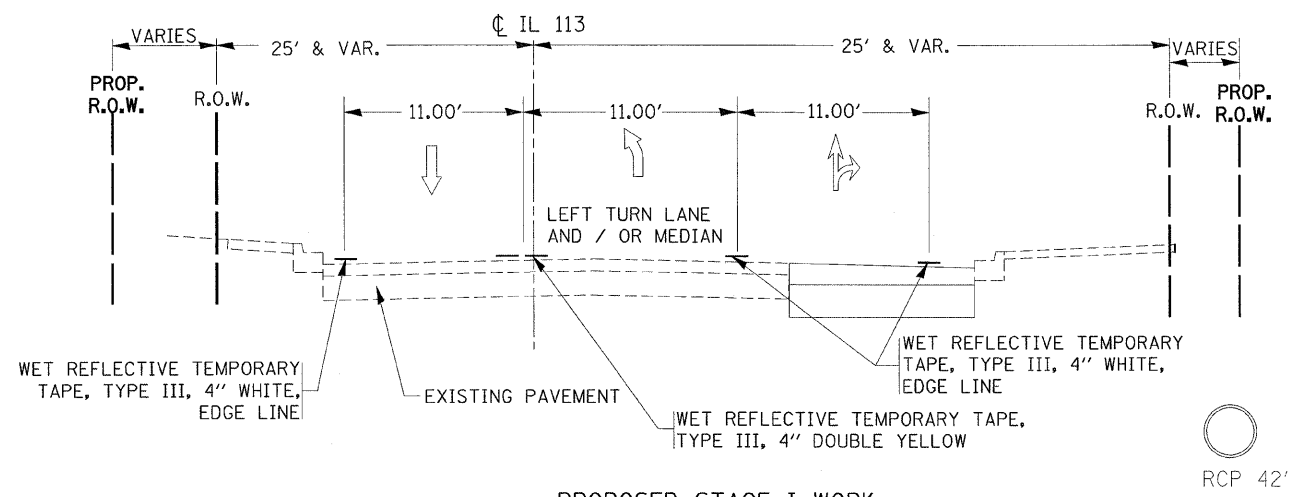
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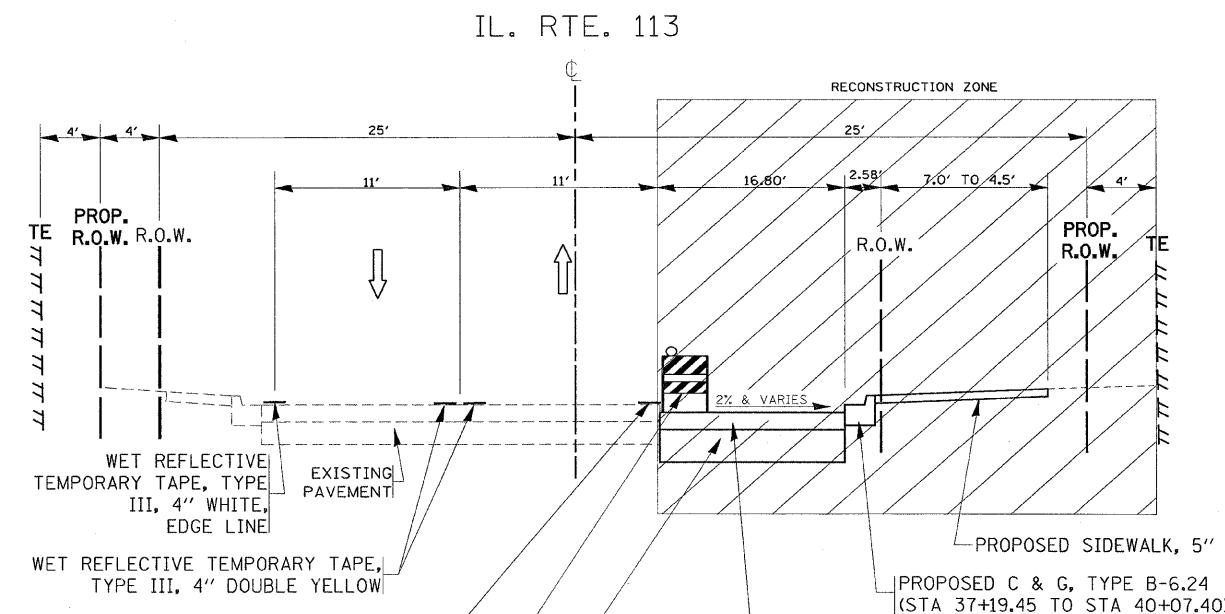
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

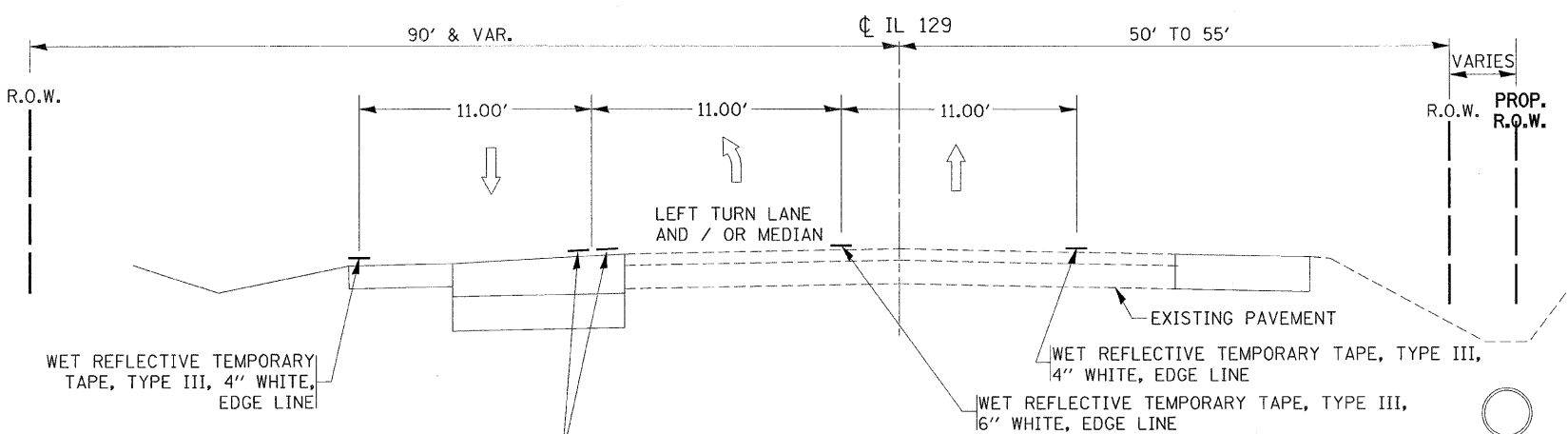


PROPOSED STAGE I WORK
 IL 113
 ONE LANE EACH DIRECTION FROM STA 29+00 TO 31+60.80
 LEFT TURN LANE (EB & WB) FROM STA 31+60.80 TO 33+20.80 & 34+30.50 TO 36+36.21

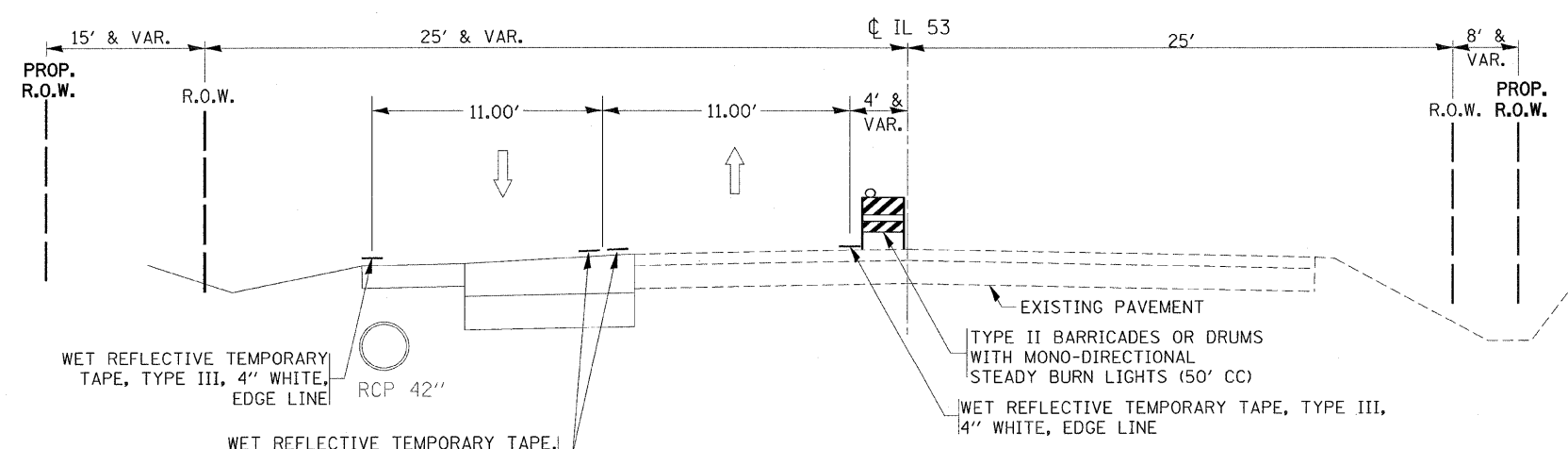


PROPOSED STAGE I WORK
 IL 113
 37+01.32 TO STA 39+00 (RECONSTRUCTION)
 AND
 STA 39+00 TO STA 42+59.30 (RESURFACING AND WIDENING)

PAVEMENT RECONSTRUCTION AREA:
 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" (STA 37+01.32 TO 39+00)
 PAVEMENT WIDENING AREA:
 PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, IL-19, 10 3/4"



PROPOSED STAGE I WORK
 IL 129
 ONE LANE EACH DIRECTION FROM STA 91+42 TO 96+12 & STA 100+54 TO STA 105+24.10
 LEFT TURN LANE (NB & SB) FROM STA 96+12 TO 100+54



PROPOSED STAGE I WORK
 IL 53
 ONE LANE EACH DIRECTION FROM STA 157+65 TO 171+62.2

REVISIONS	
NAME	DATE

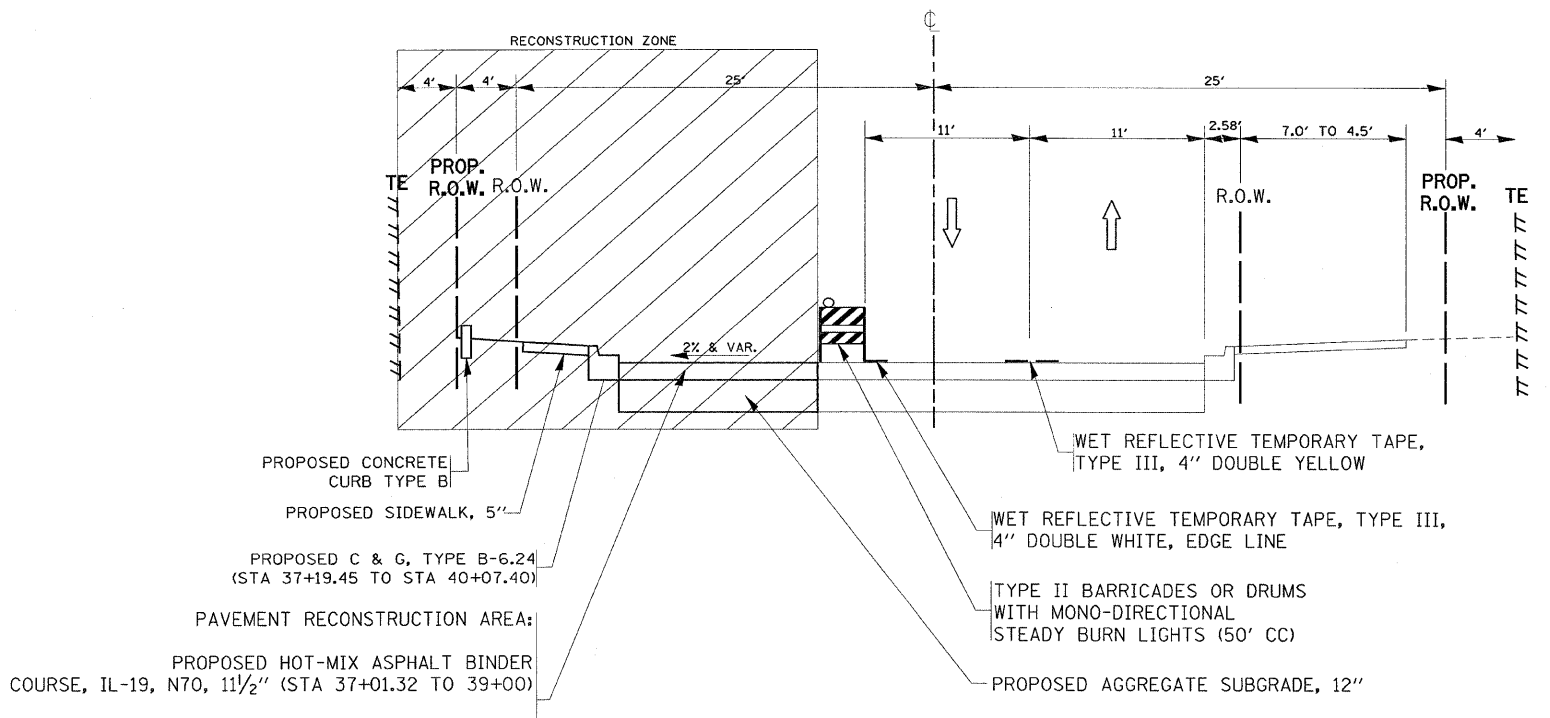
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 EXISTING AND PROPOSED
 TYPICAL SECTION
 STAGE I

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 HORIZ. _____
 DATE _____

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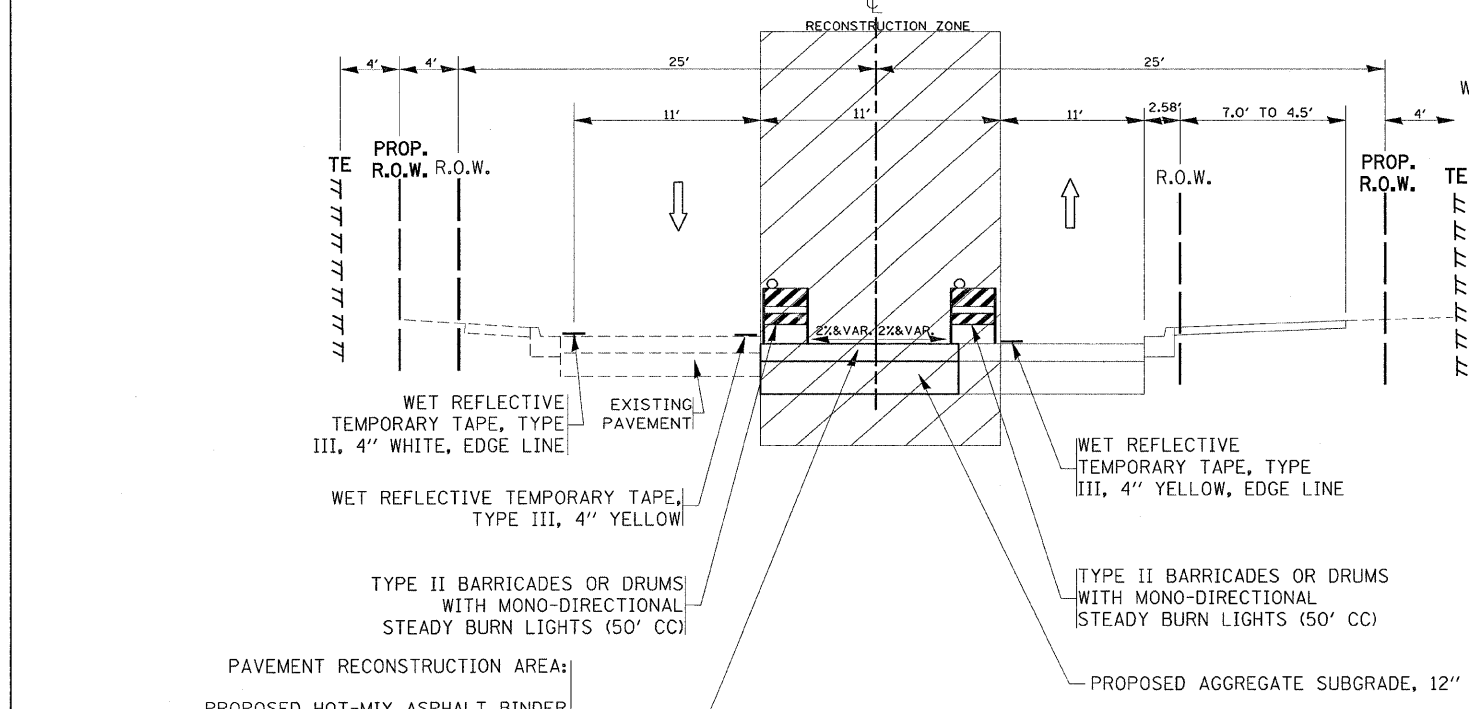
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IL. RTE. 113



PROPOSED STAGE Ib WORK
 IL 113
 37+01.32 TO STA 39+00 (RECONSTRUCTION)
 AND
 STA 39+00 TO STA 42+59.30 (RESURFACING AND WIDENING)

IL. RTE. 113



PROPOSED STAGE Ia WORK
 IL 113
 37+01.32 TO STA 39+00 (RECONSTRUCTION)
 AND
 STA 39+00 TO STA 42+59.30 (RESURFACING AND WIDENING)

PAVEMENT RECONSTRUCTION AREA:

PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" (STA 37+01.32 TO 39+00)

PAVEMENT WIDENING AREA:

PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, IL-19, 10 3/4" (STA 39+00 TO STA 42+59.30)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 EXISTING AND PROPOSED
 TYPICAL SECTION
 STAGE I (a & b)

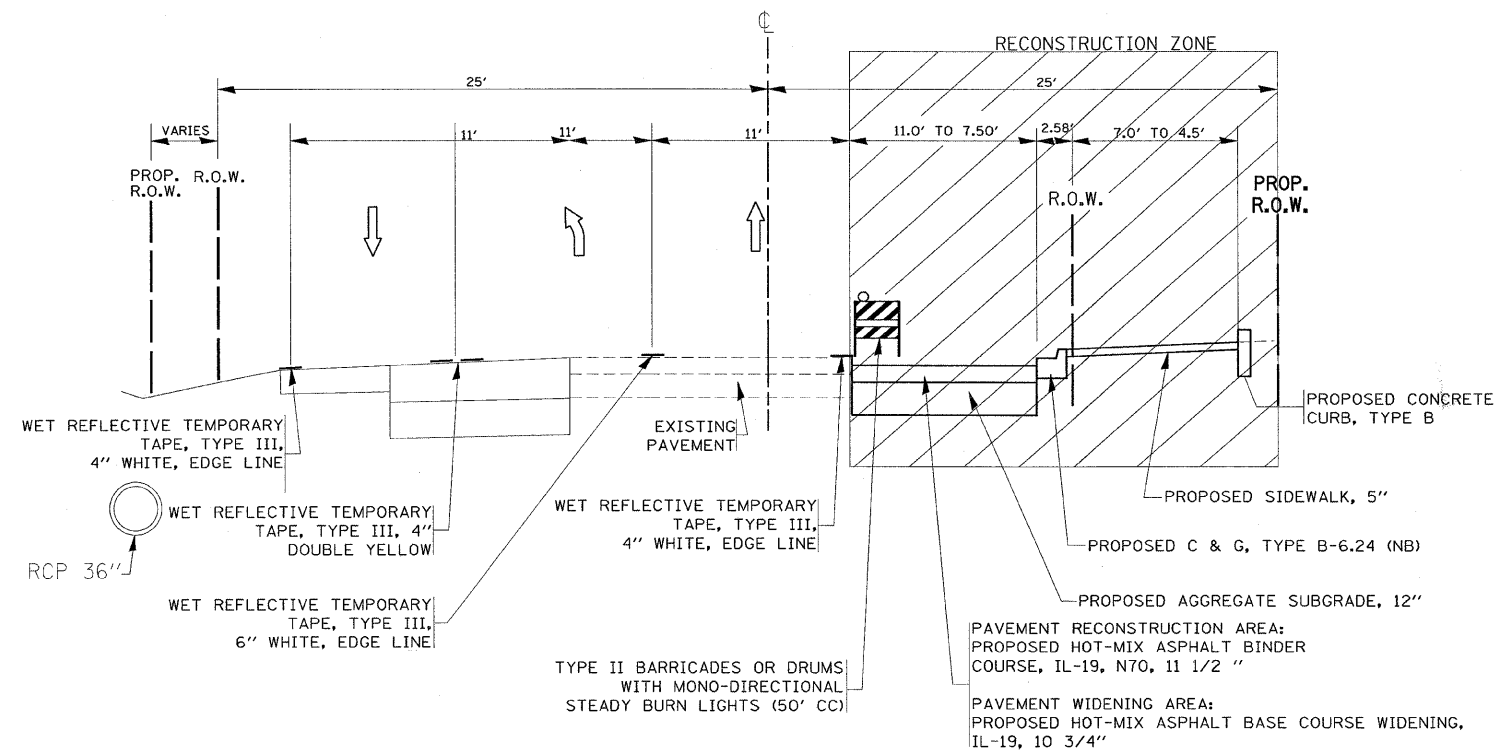
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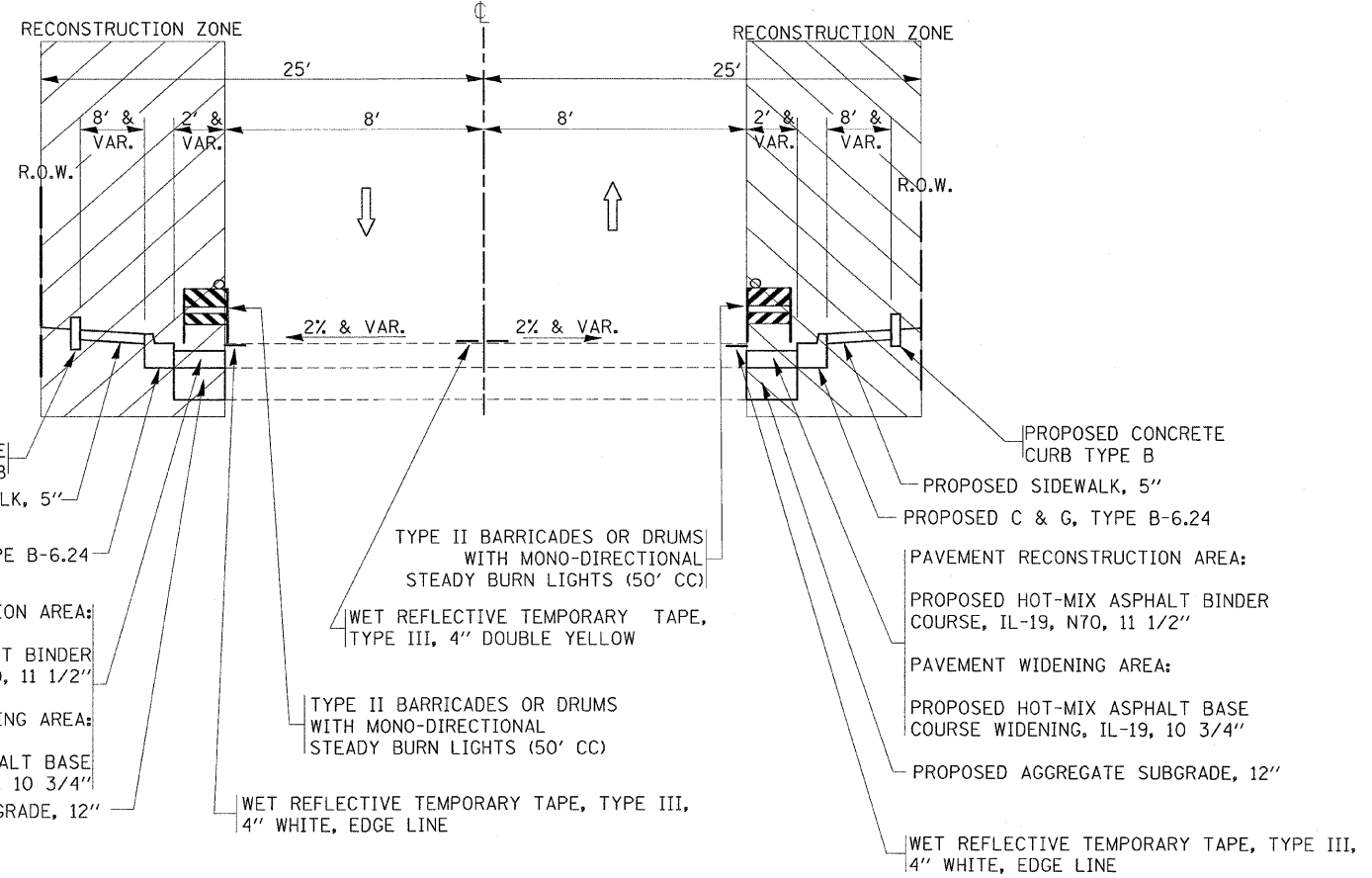
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

IL. RTE. 53



PROPOSED STAGE II WORK

IL 53
 STA 157+65 TO STA 162+00 & STA 168+00 TO STA 171+62.20 (WIDENING)
 AND
 STA 162+00 TO STA 166+42.60 & STA 164+48.15 TO STA 168+00 (RECONSTRUCTION)



PROPOSED STAGE II WORK

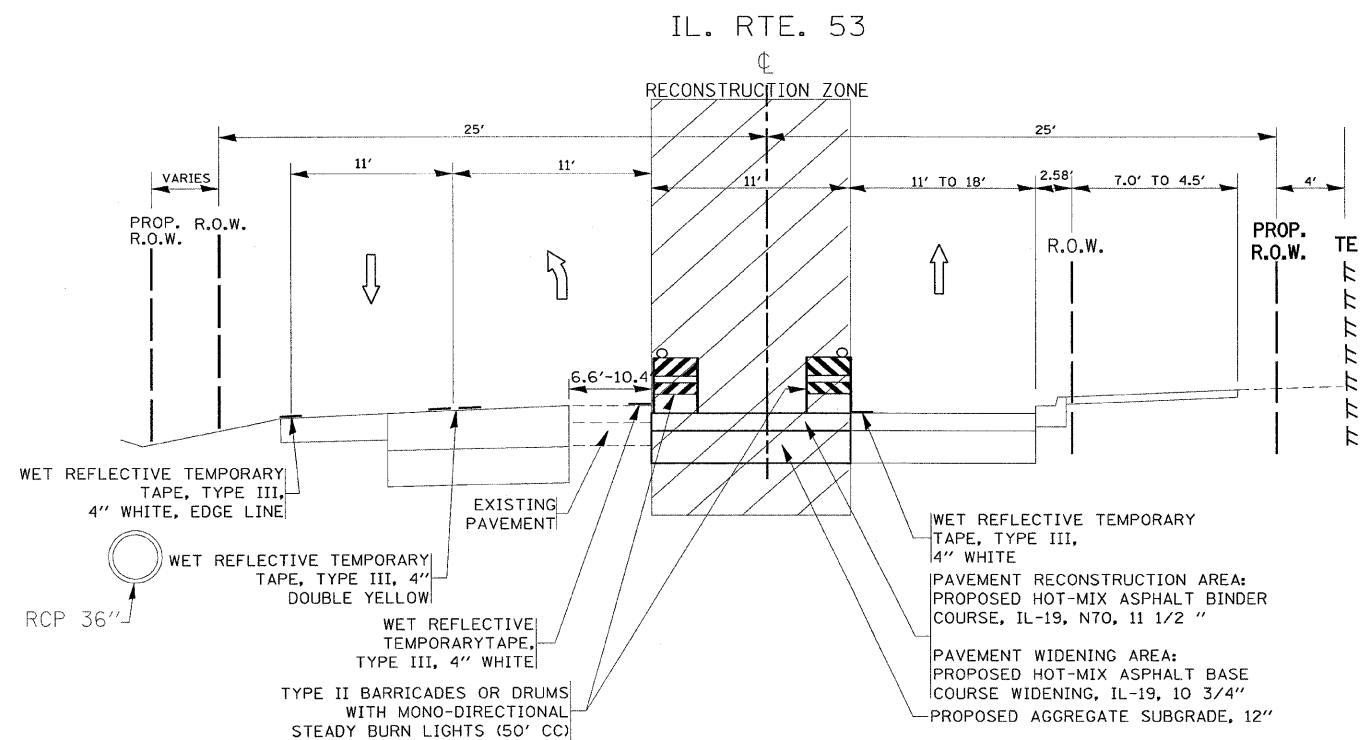
STA 0+33 TO STA 39+00, FRENCH STREET (WIDENING)
 AND
 STA 168+48 TO STA 169+16, OAK STREET (WIDENING)

REVISIONS	
NAME	DATE

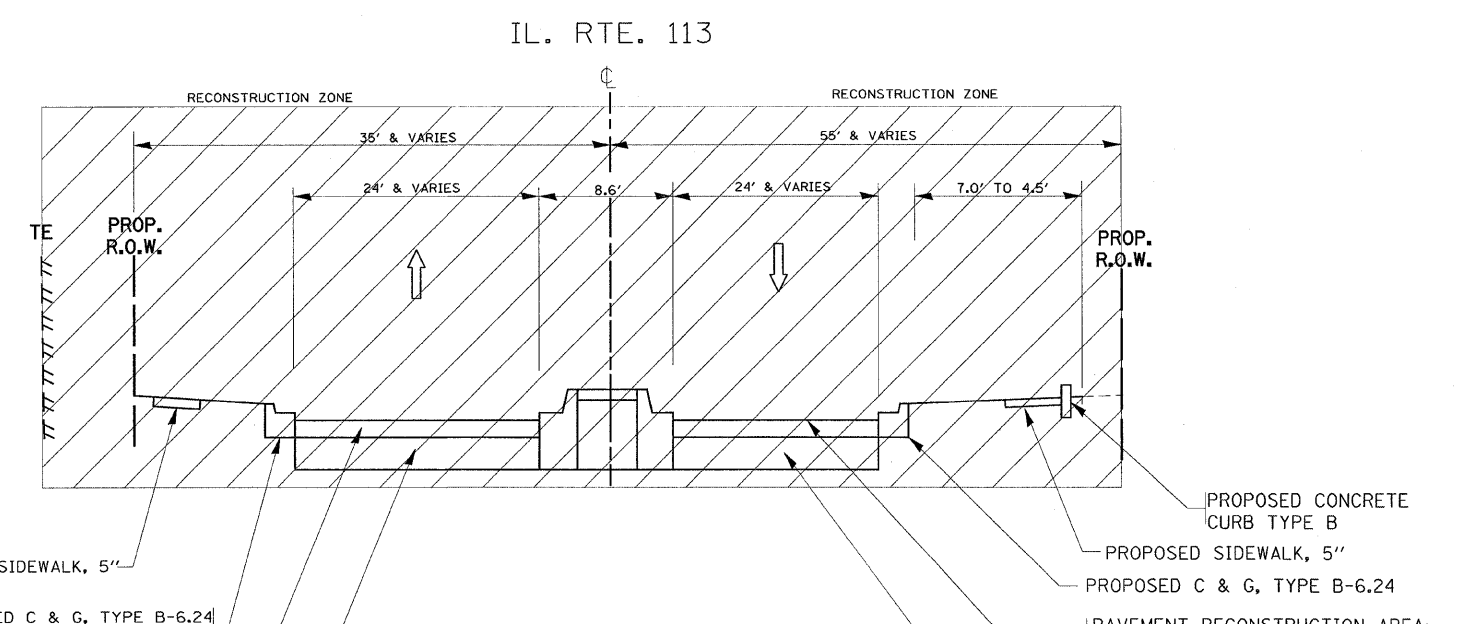
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 EXISTING AND PROPOSED
 TYPICAL SECTION
 STAGE II
 (1 OF 2)
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 HORIZ. _____
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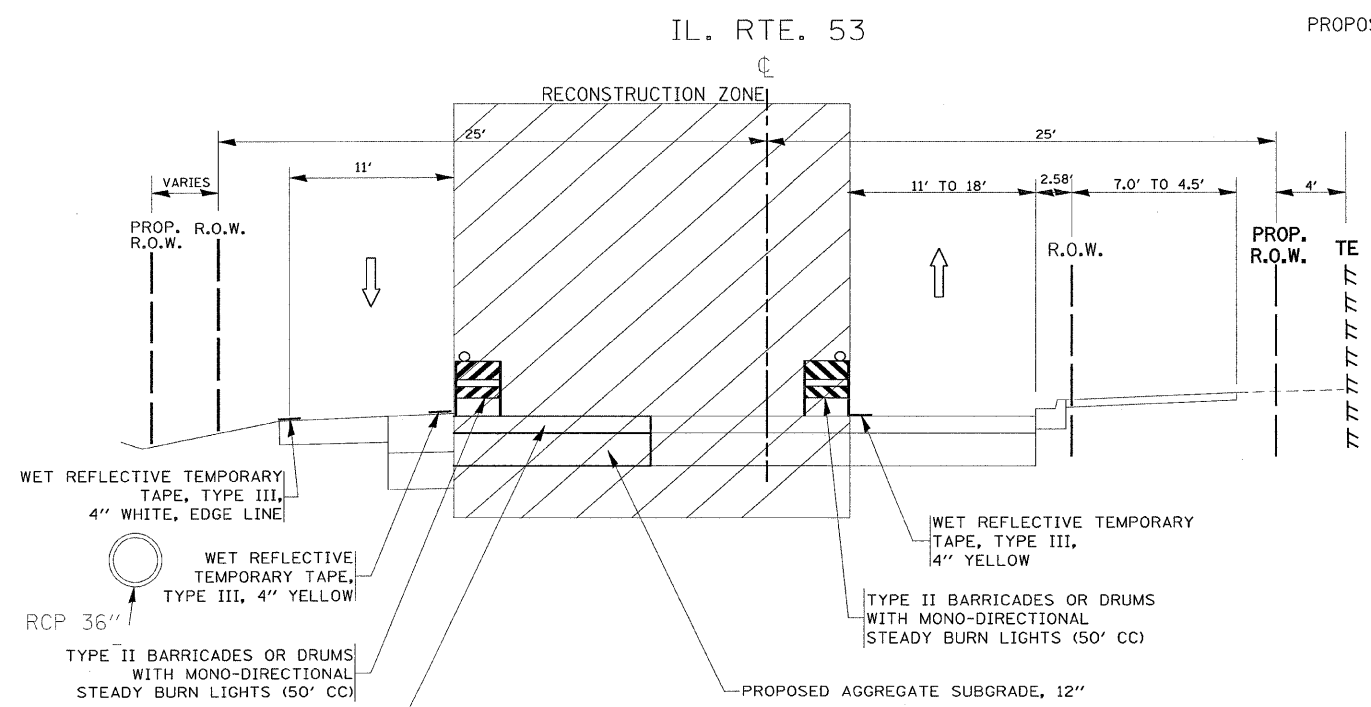
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2320	113X-N	WILL	133	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROPOSED STAGE IIa WORK
IL 53
STA 162+00 TO STA 163+83 (RECONSTRUCTION)



PROPOSED STAGE IIc WORK
IL 113
37+01.32 TO STA 39+00 (RECONSTRUCTION)
AND
STA 39+00 TO STA 42+59.30 (RESURFACING AND WIDENING)



PROPOSED STAGE IIb WORK
IL 53
STA 164+17 TO STA 168+00 (RECONSTRUCTION)

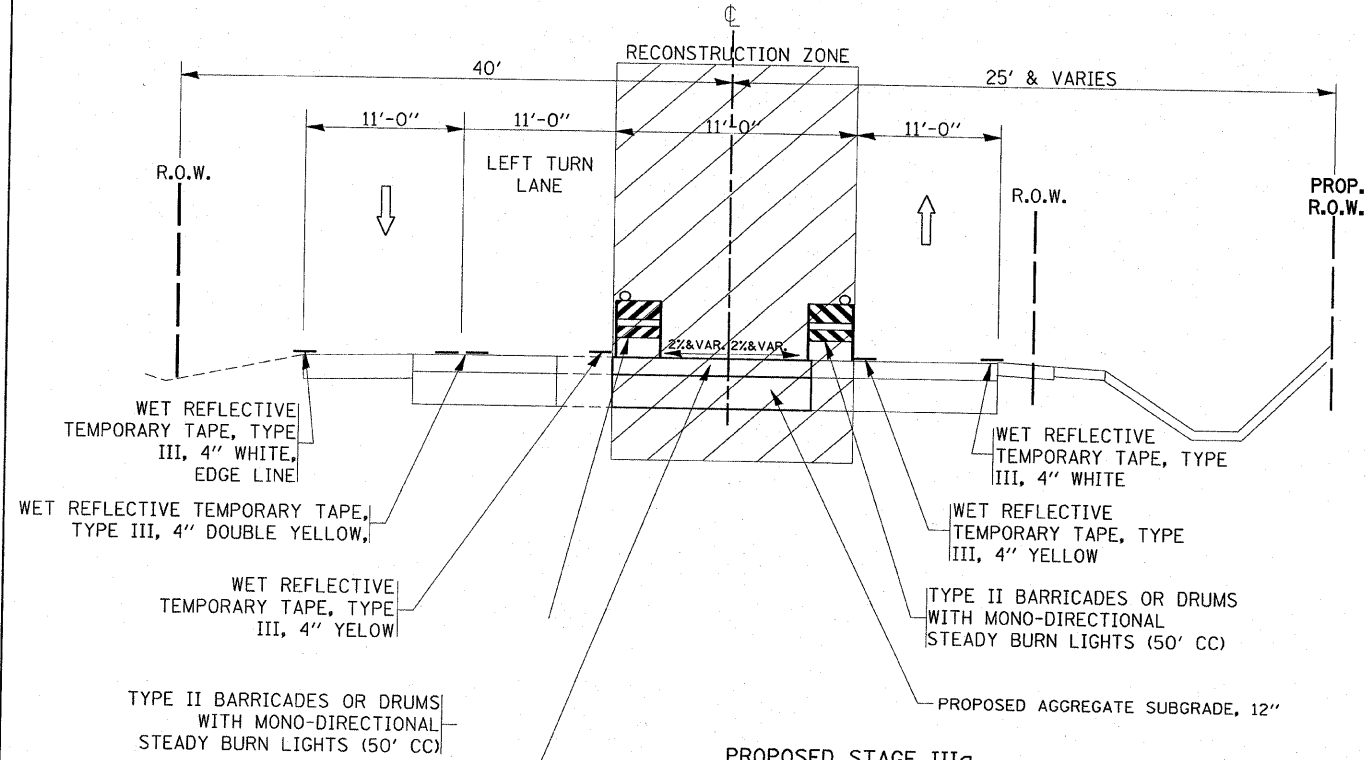
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
TYPICAL SECTION
STAGE II (a, b & c)
(2 OF 2)
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HORIZ. CHECKED BY
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IL. RTE. 129

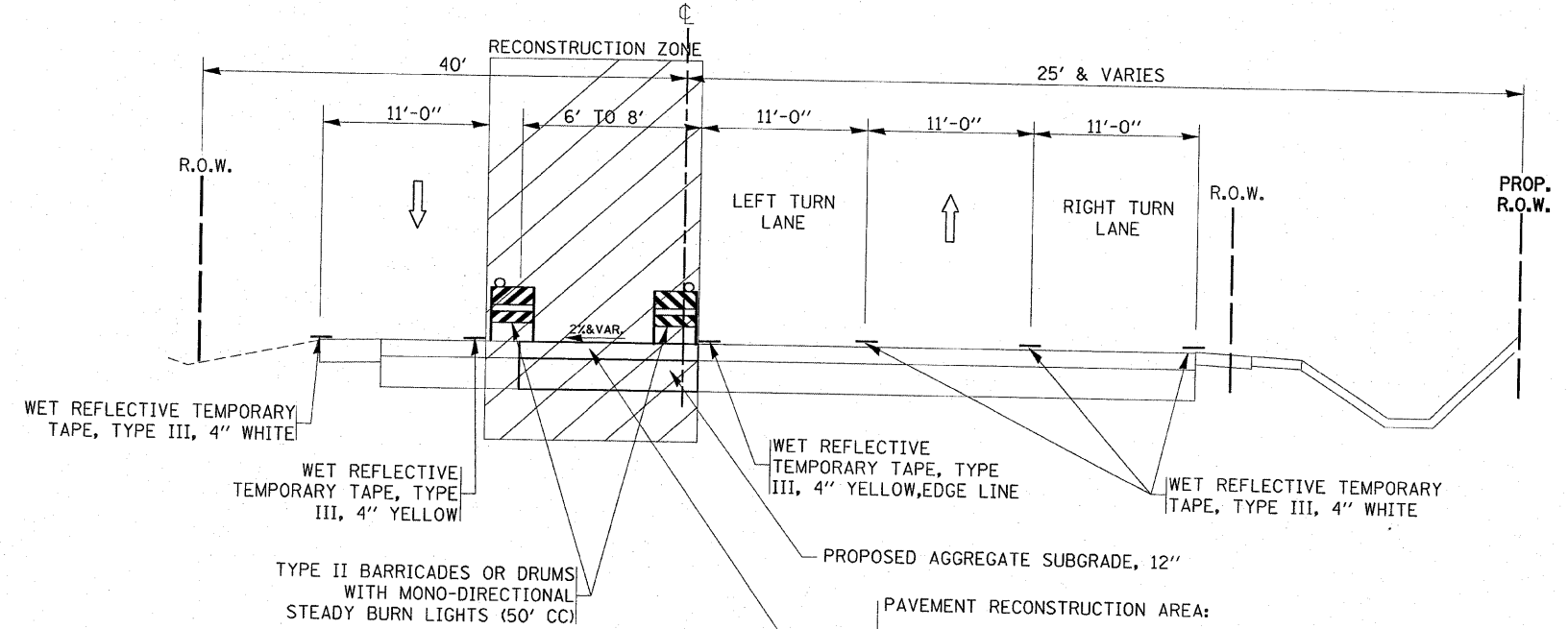


PROPOSED STAGE IIIa
ILL RTE. 129
STA 91+42 TO 105+24.10 (RESURFACING AND WIDENING)

PAVEMENT RECONSTRUCTION AREA:
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2" (STA 94+12 TO 96+80 AND STA 100+50 TO STA 102+54)

PAVEMENT WIDENING AREA:
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, IL-19, 10 3/4" (STA 91+42 TO STA 94+12) AND STA 102+54 TO STA 105+24.10)

IL. RTE. 129

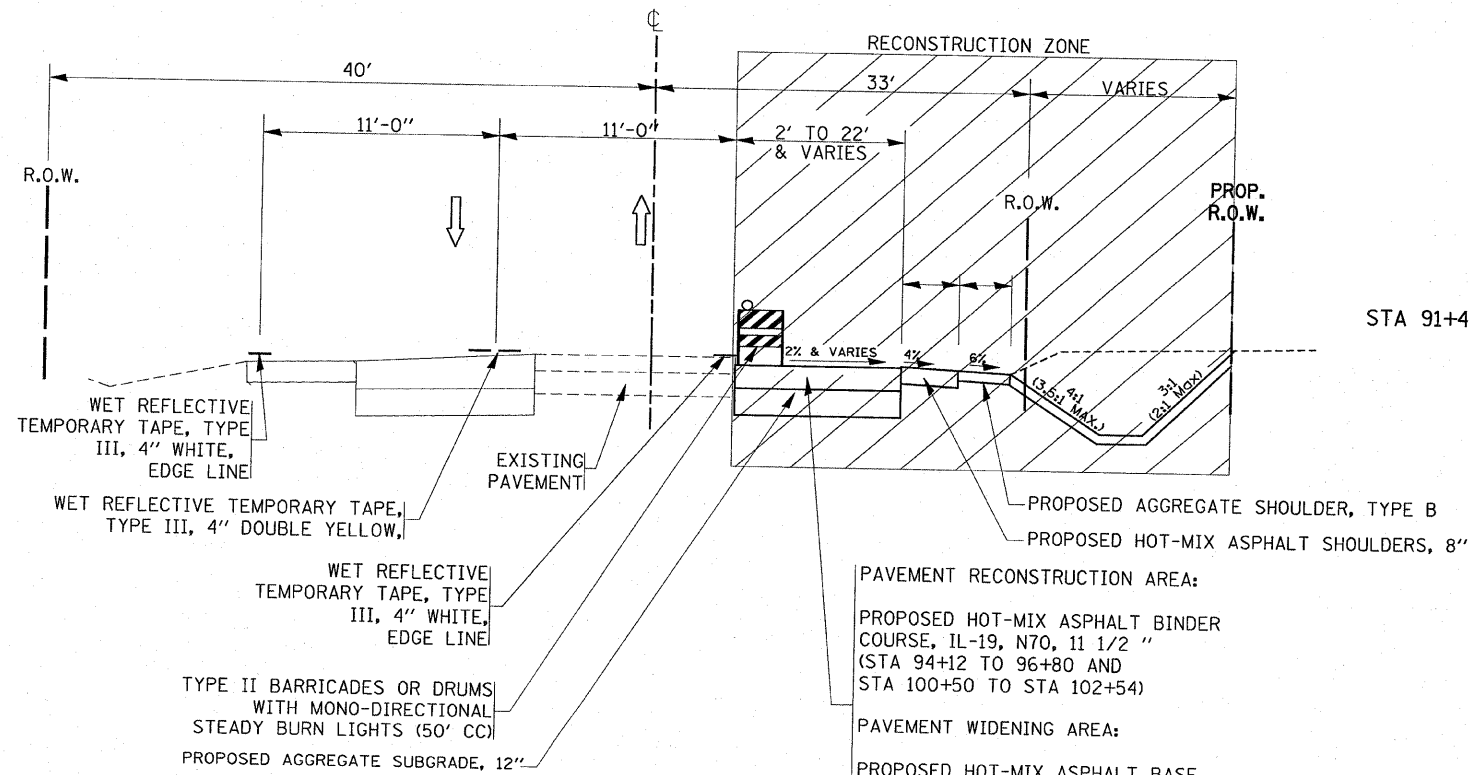


PROPOSED STAGE IIIb
ILL RTE. 129
STA 91+42 TO 105+24.10 (RESURFACING AND WIDENING)

PAVEMENT RECONSTRUCTION AREA:
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2" (STA 94+12 TO 96+80 AND STA 100+50 TO STA 102+54)

PAVEMENT WIDENING AREA:
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, IL-19, 10 3/4" (STA 91+42 TO STA 94+12) AND STA 102+54 TO STA 105+24.10)

IL. RTE. 129



PROPOSED STAGE III
ILL RTE. 129
STA 91+42 TO 105+24.10 (RESURFACING AND WIDENING)

PAVEMENT RECONSTRUCTION AREA:
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2" (STA 94+12 TO 96+80 AND STA 100+50 TO STA 102+54)

PAVEMENT WIDENING AREA:
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, IL-19, 10 3/4" (STA 91+42 TO STA 94+12) AND STA 102+54 TO STA 105+24.10)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
STAGE III (a & b)

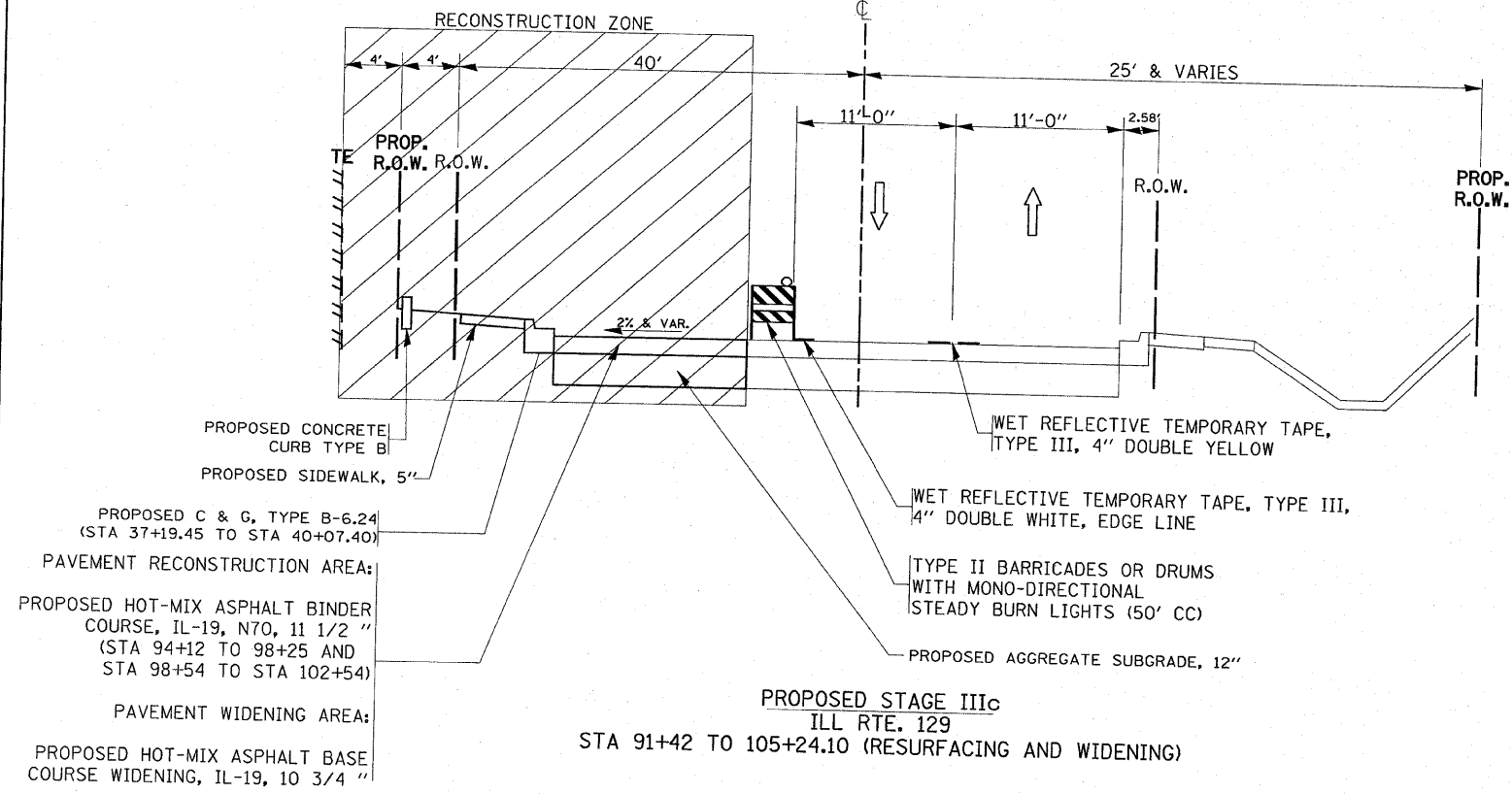
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DATE _____ DRAWN BY _____
CHECKED BY _____

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USER NAME = hmdanah

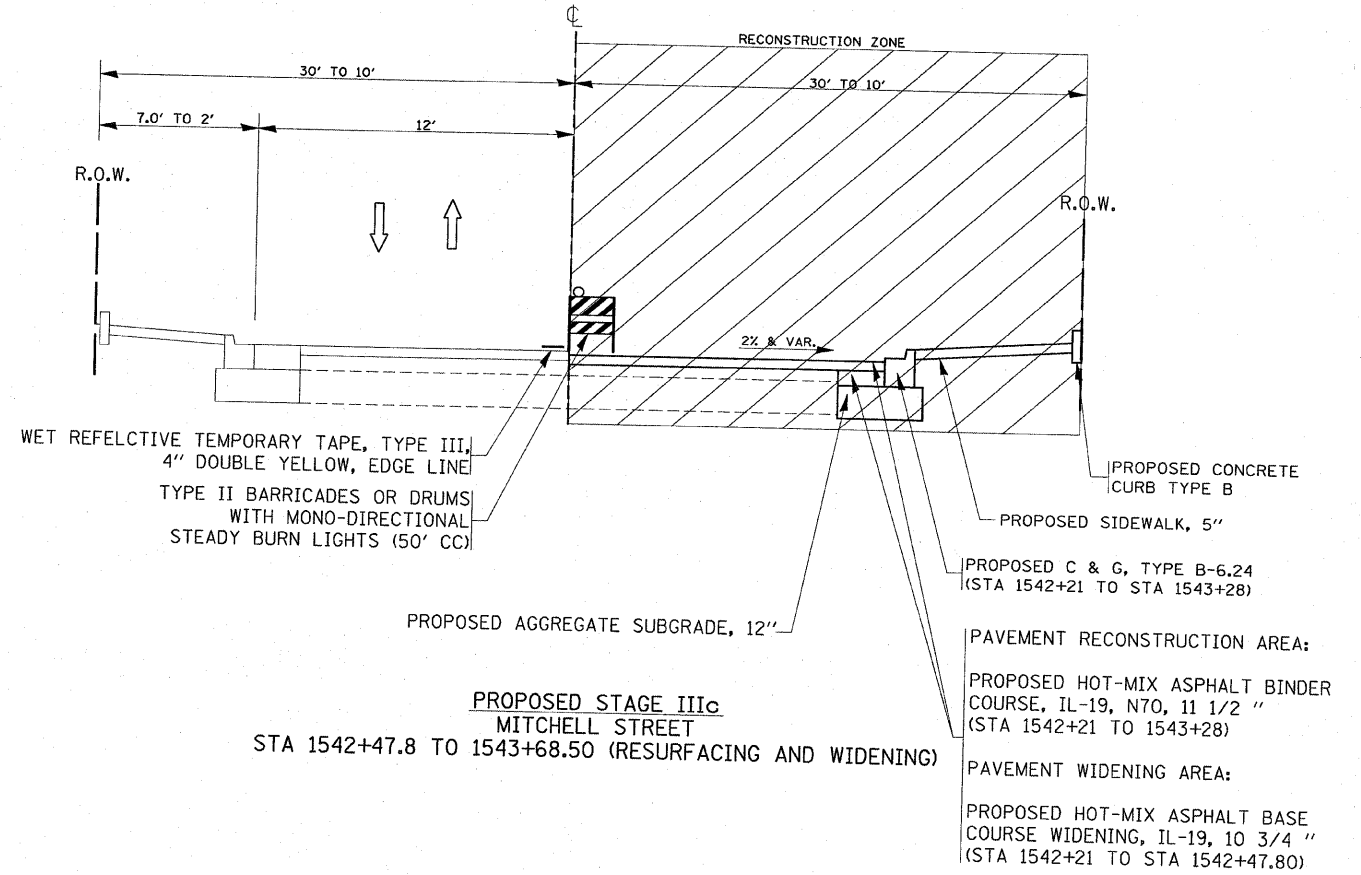
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IL. RTE. 129



PROPOSED STAGE IIIc
ILL RTE. 129
STA 91+42 TO 105+24.10 (RESURFACING AND WIDENING)

MITCHELL ST.



PROPOSED STAGE IIIc
MITCHELL STREET
STA 1542+47.8 TO 1543+68.50 (RESURFACING AND WIDENING)

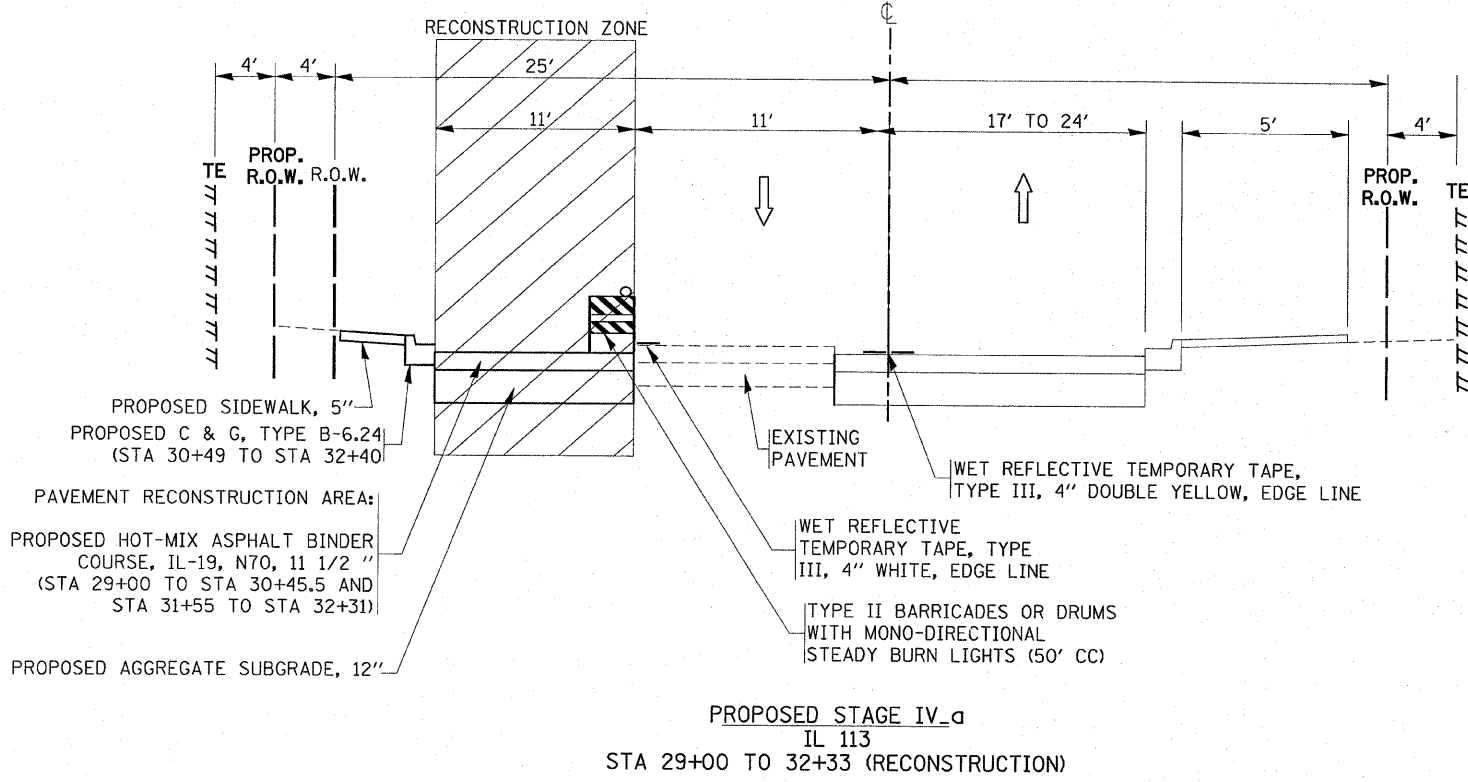
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USER NAME = mandarah

REVISIONS	
NAME	DATE

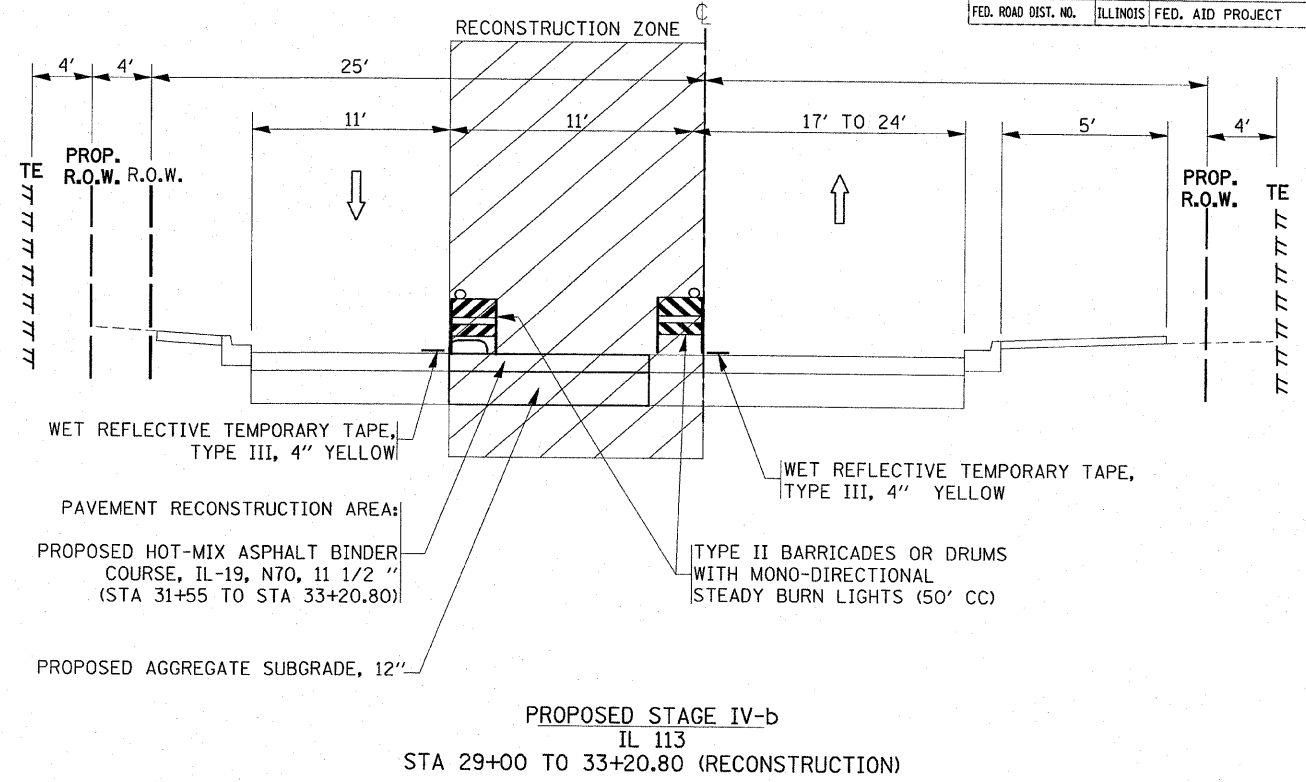
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
TYPICAL SECTION
STAGE IIIc
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	33	33
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

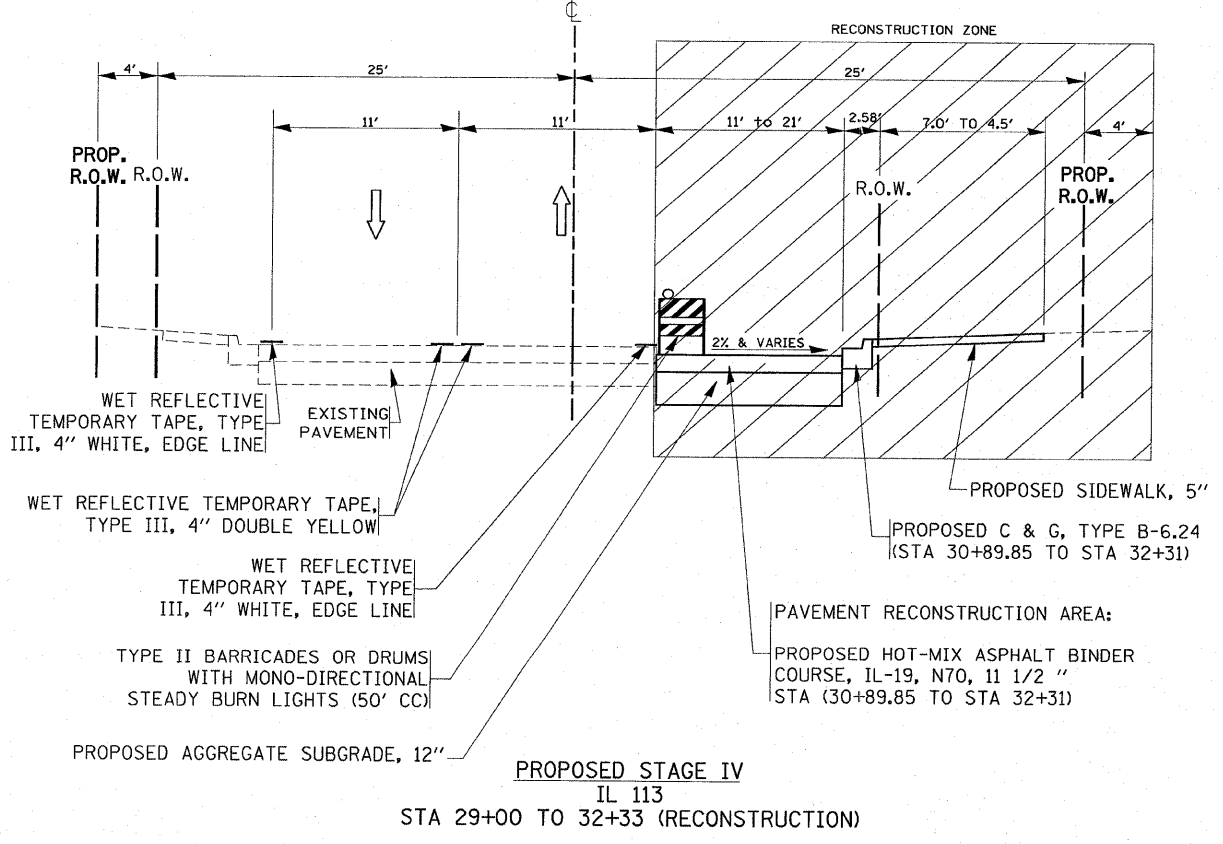
IL. RTE. 113



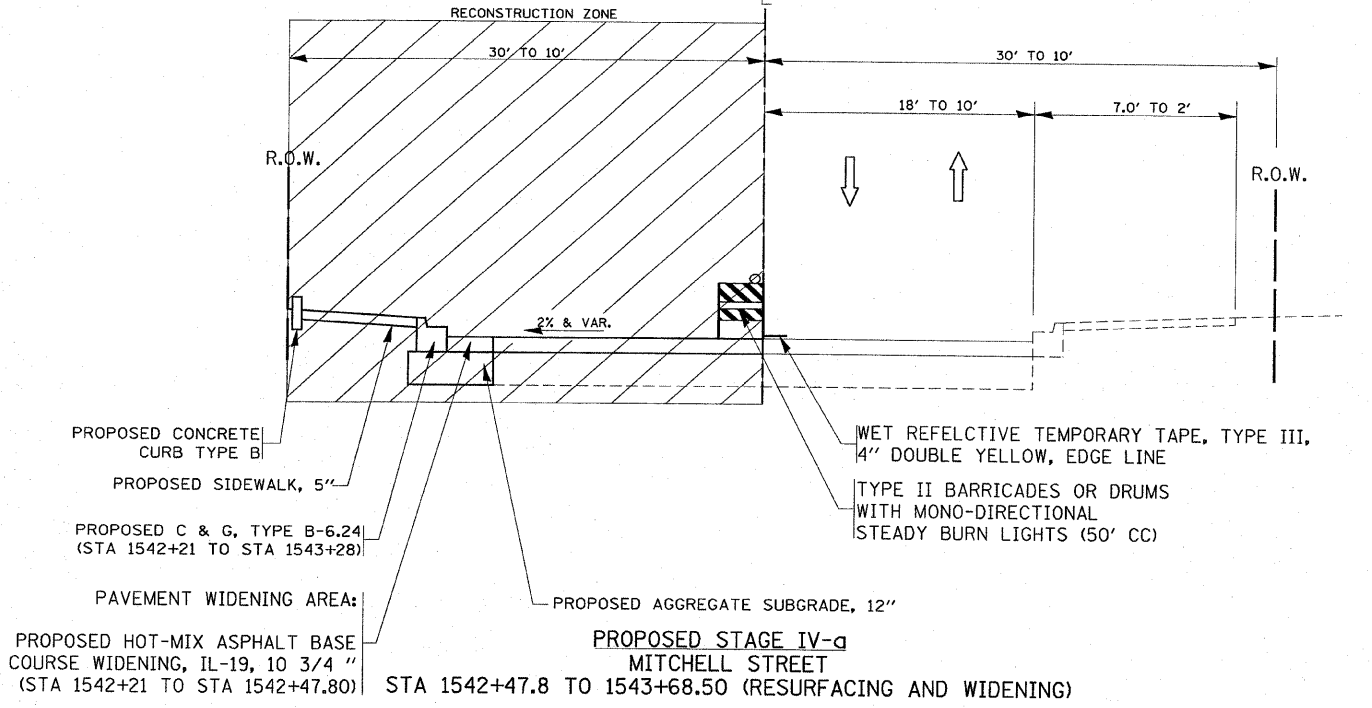
IL. RTE. 113



IL. RTE. 113



MITCHELL ST.



REVISIONS	
NAME	DATE

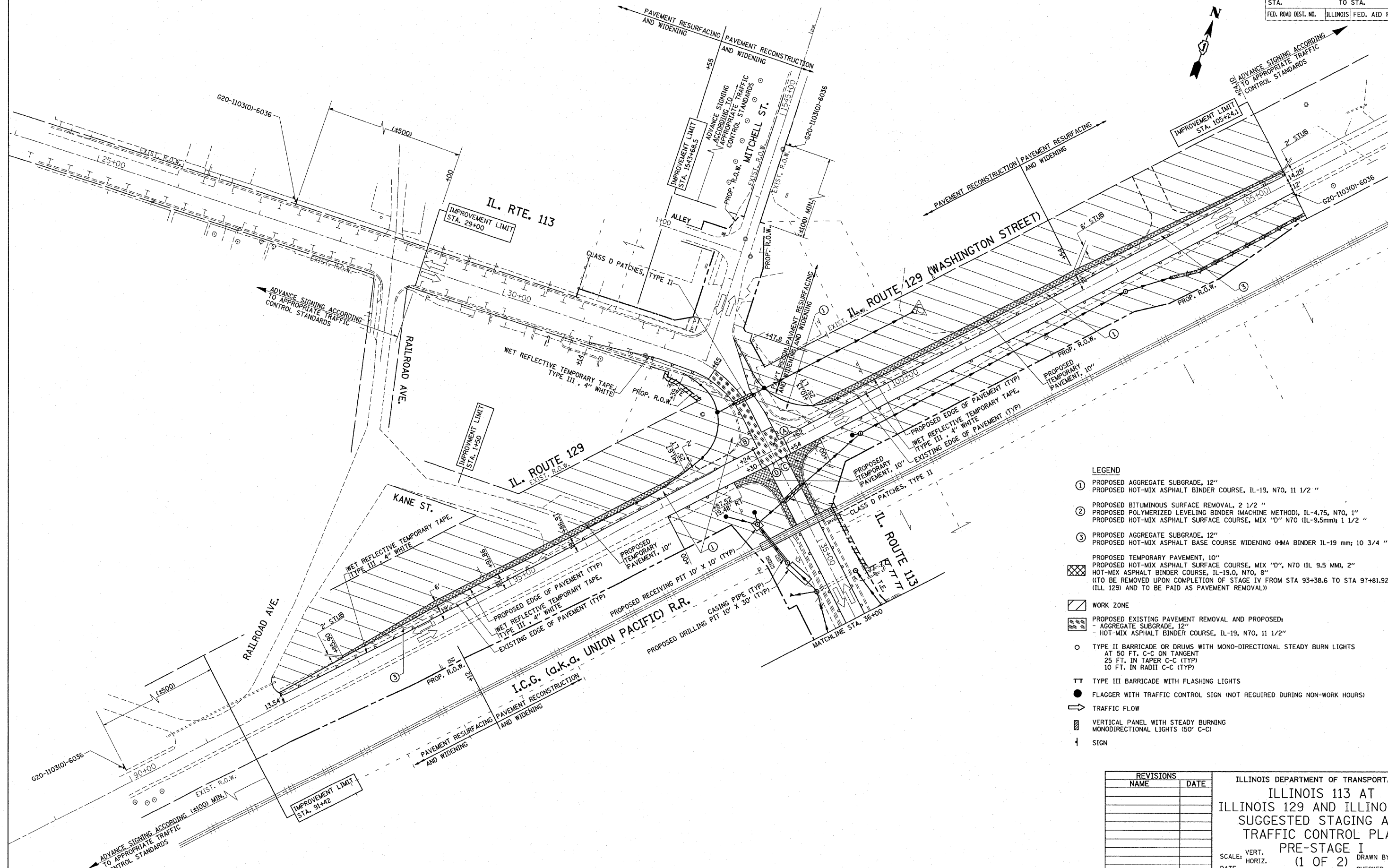
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53
EXISTING AND PROPOSED
TYPICAL SECTION
STAGE IV (a & b)

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 6/28/2007
PLOT SCALE = 50/0000
USER NAME = hmdanah

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



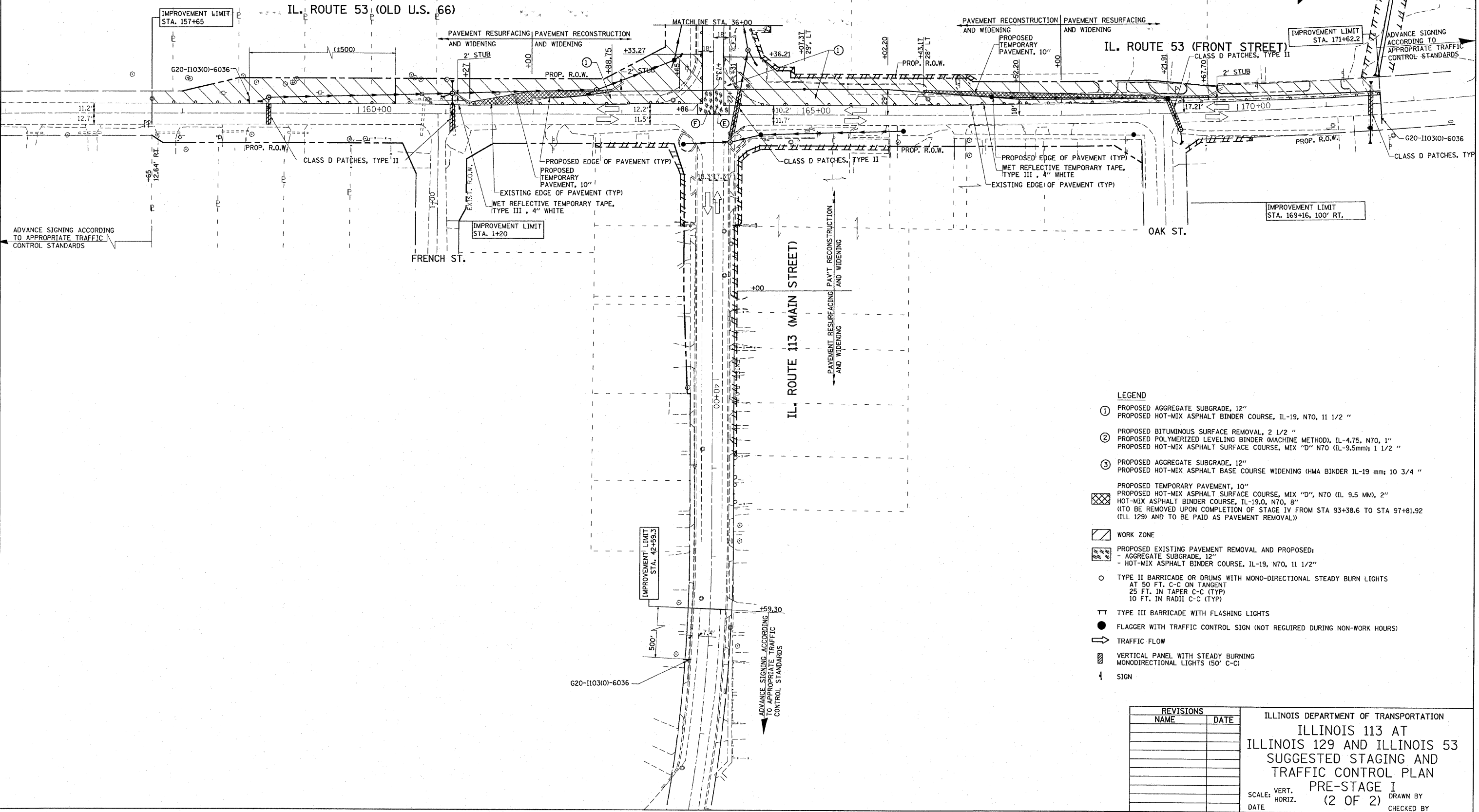
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - ▬ TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ⊥ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN**
 PRE-STAGE I
 (1 OF 2)
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

PLOT DATE = 6/29/2007
 FILE NAME = c:\p\projects\p10181\stage1.at12.dgn
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 USER NAME = mandanah

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	733	35
STA. 157+65		TO STA. 171+62.2		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



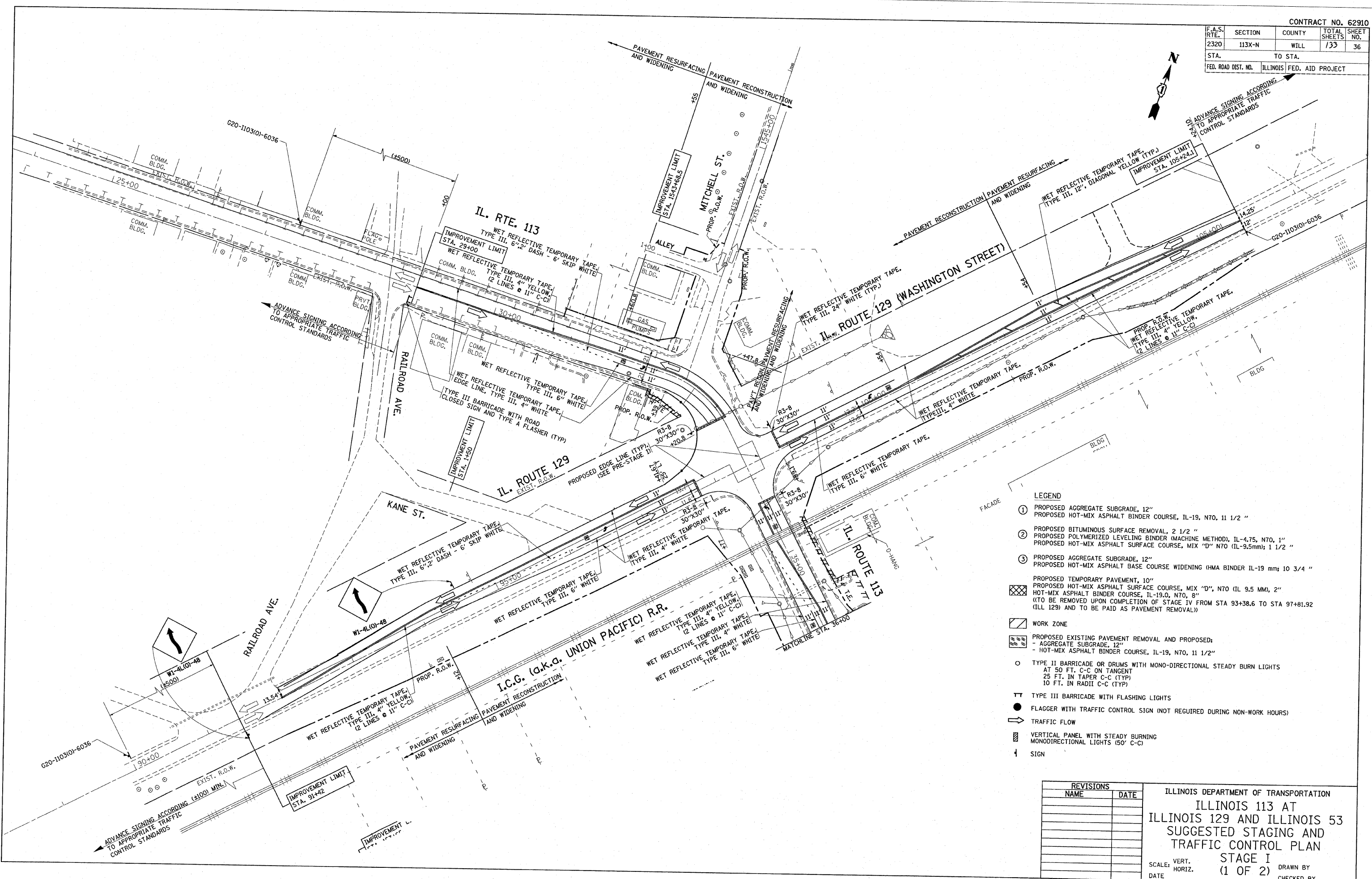
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
 - ② PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2 "
 - ③ PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
 - ④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
 - ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ⑥ PROPOSED AGGREGATE SUBGRADE, 12"
 - ⑦ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - ⑧ PROPOSED TEMPORARY PAVEMENT, 10"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
 - ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
 - (TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL.)
 - ▨ WORK ZONE
 - ▩ PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
 - AGGREGATE SUBGRADE, 12"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
 - AT 50 FT. C-C ON TANGENT
 - 25 FT. IN TAPER C-C (TYP)
 - 10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ⇨ TRAFFIC FLOW
 - ▤ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ⚡ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN**
**PRE-STAGE I
 (2 OF 2)**
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = 6/29/2007
 FILE NAME = c:\p\projects\p181819\stage1_a12.dgn
 PLOT SCALE = 50.0000' / IN.
 USER NAME = hamdani

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	733	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



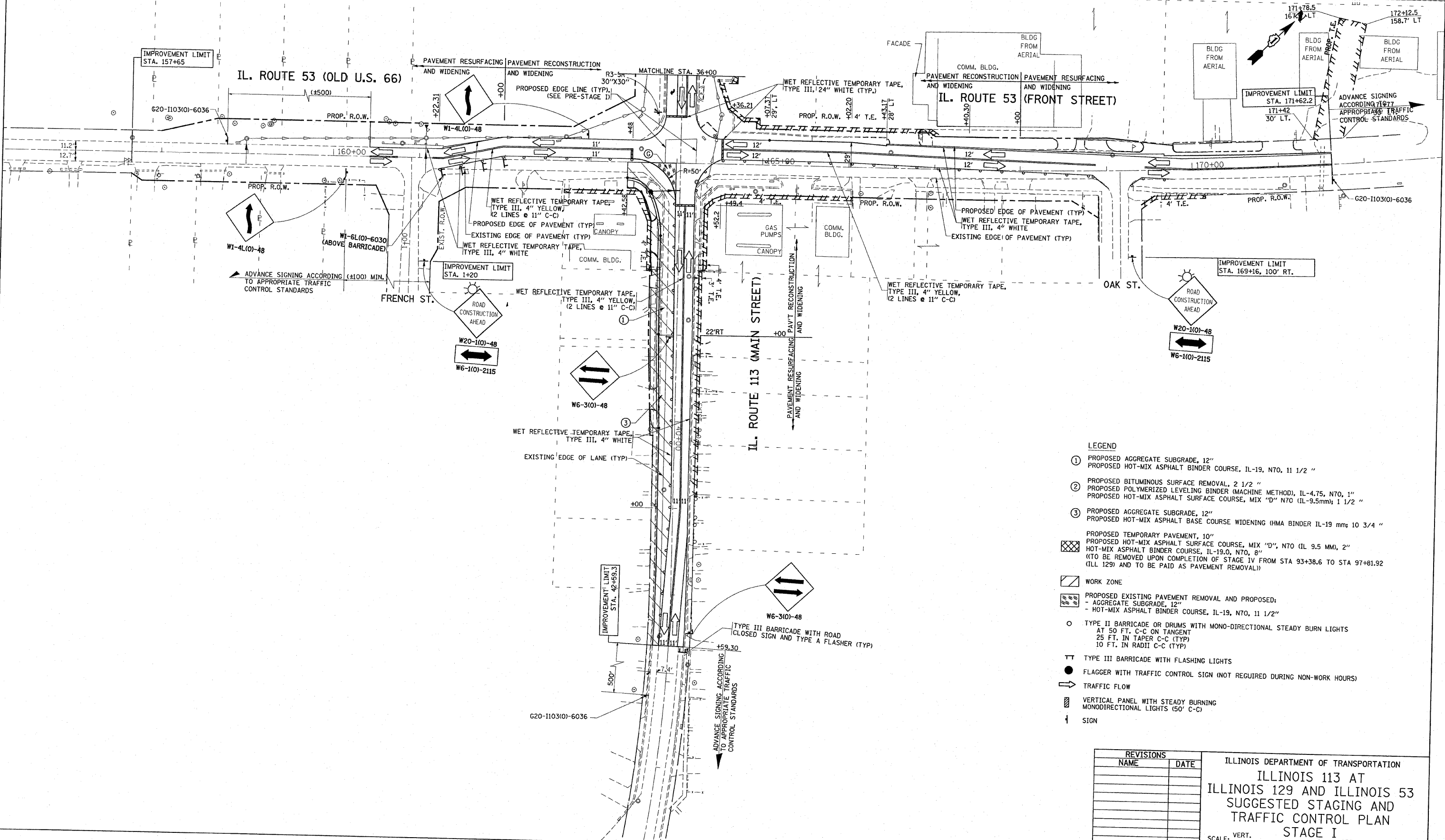
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL.)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN**
**STAGE I
 (1 OF 2)**
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

6/29/2007
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 59.62800 / 7 IN.
 hamdaneh

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - WORK ZONE
 - AGGREGATE SUBGRADE, 12"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - TRAFFIC FLOW
 - VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

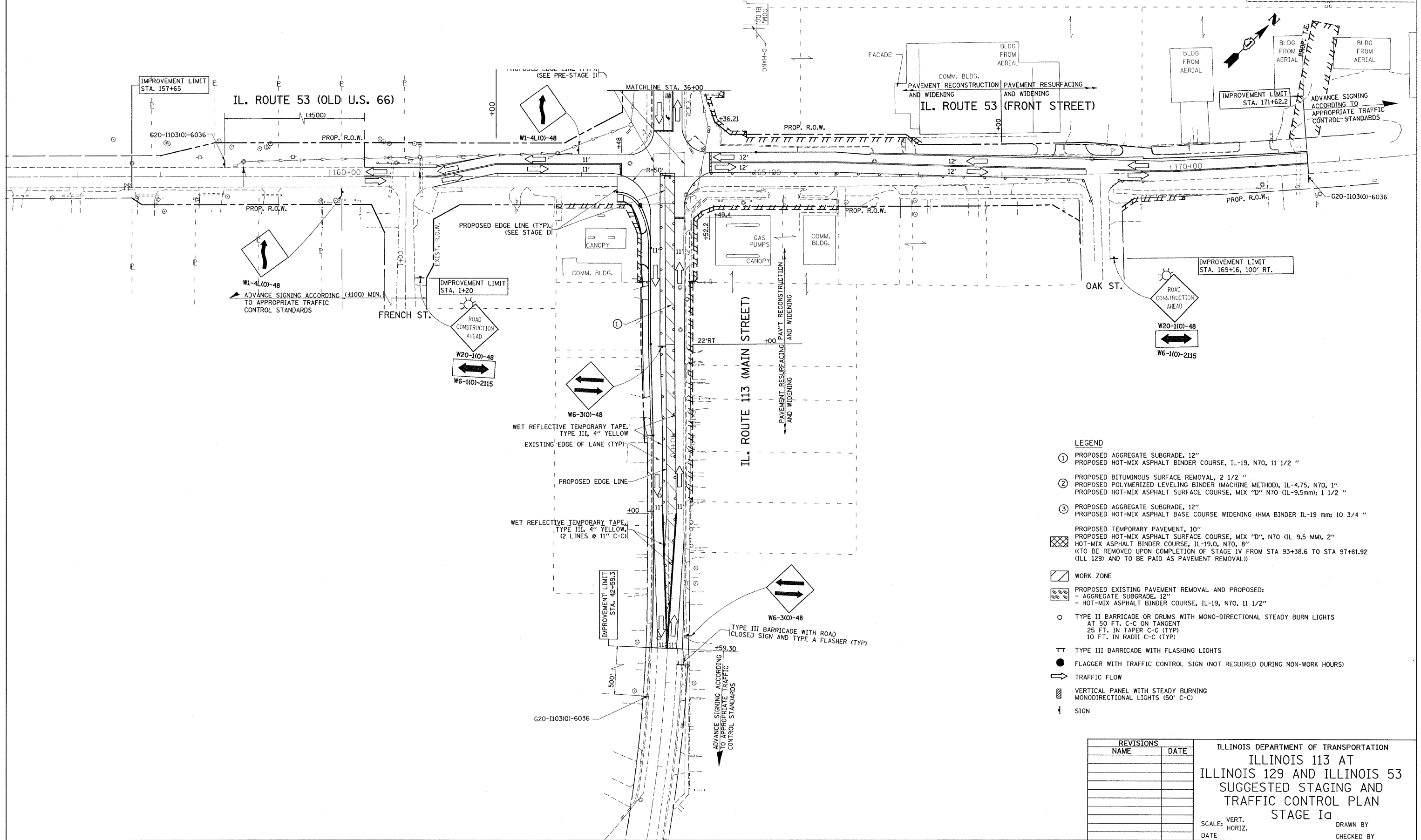
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE I
 (2 OF 2)

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = 6/29/2007
 FILE NAME = c:\projects\10181694\stage2.dwg
 PLOT SCALE = 50.0000 / IN.
 USER NAME = hamdaneh

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL.)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

REVISIONS	
NAME	DATE

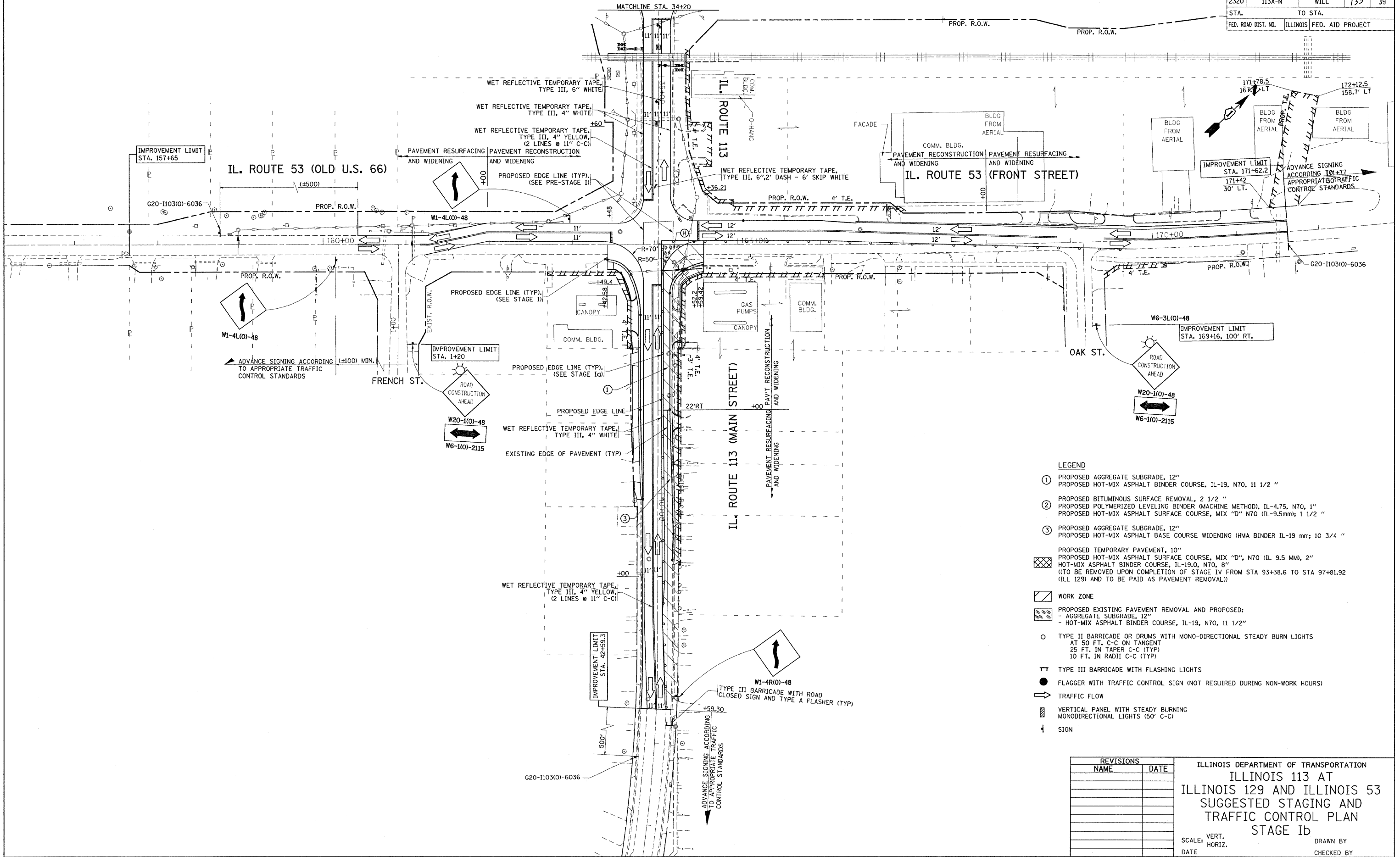
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE Ia**

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/25/2007
 FILE NAME = c:\p\ro\p\sta\113113\stage2.dgn
 USER NAME = hansen

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - 4 SIGN

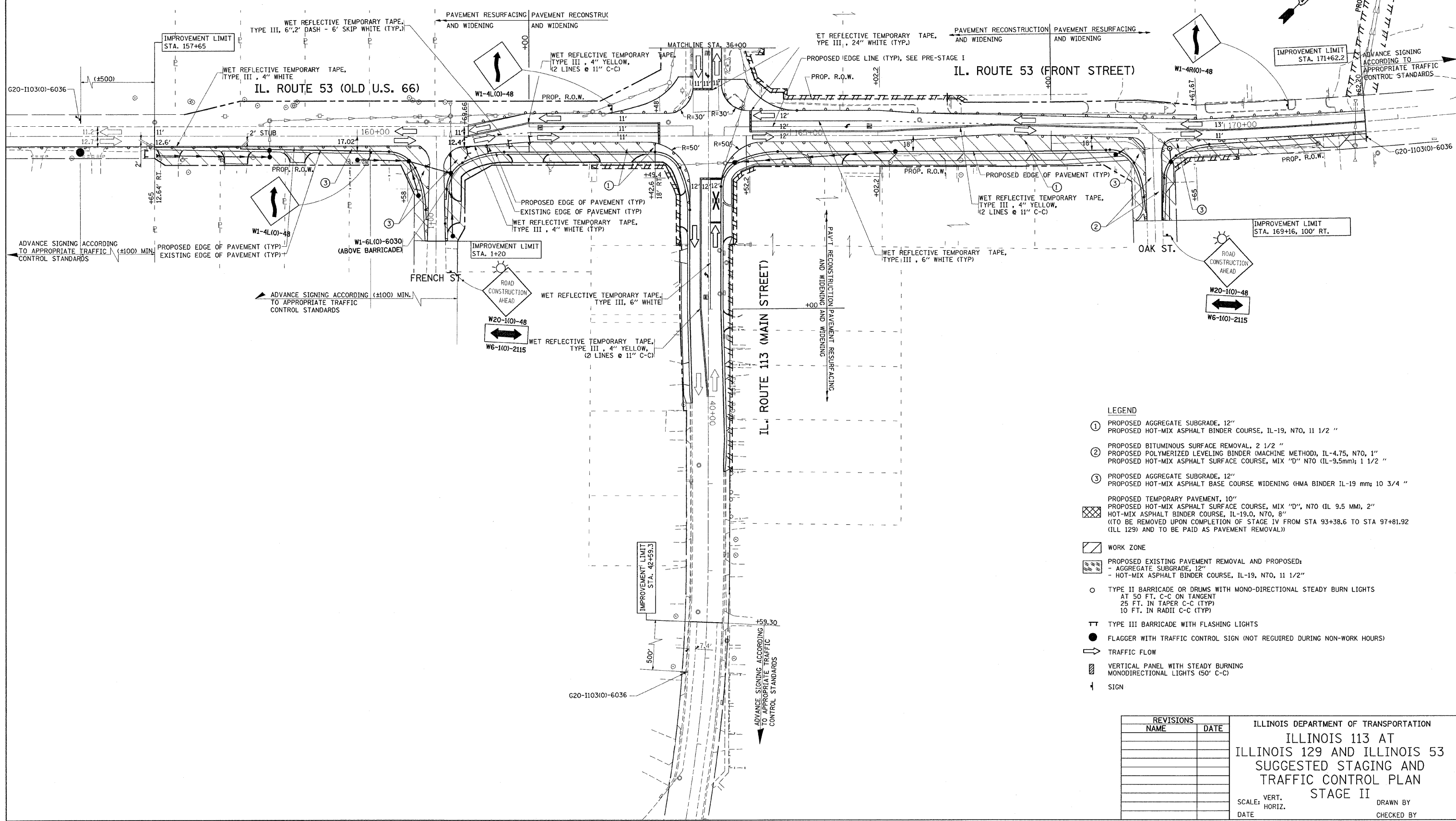
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE ID**

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY

PLOT DATE = 6/29/2007
 FILE NAME = \\s01b65a\vs01b65a\stage2_012.dgn
 PLOT SCALE = 50/8000 / IN.
 USER NAME = hmdaneh

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - TRAFFIC FLOW
 - VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

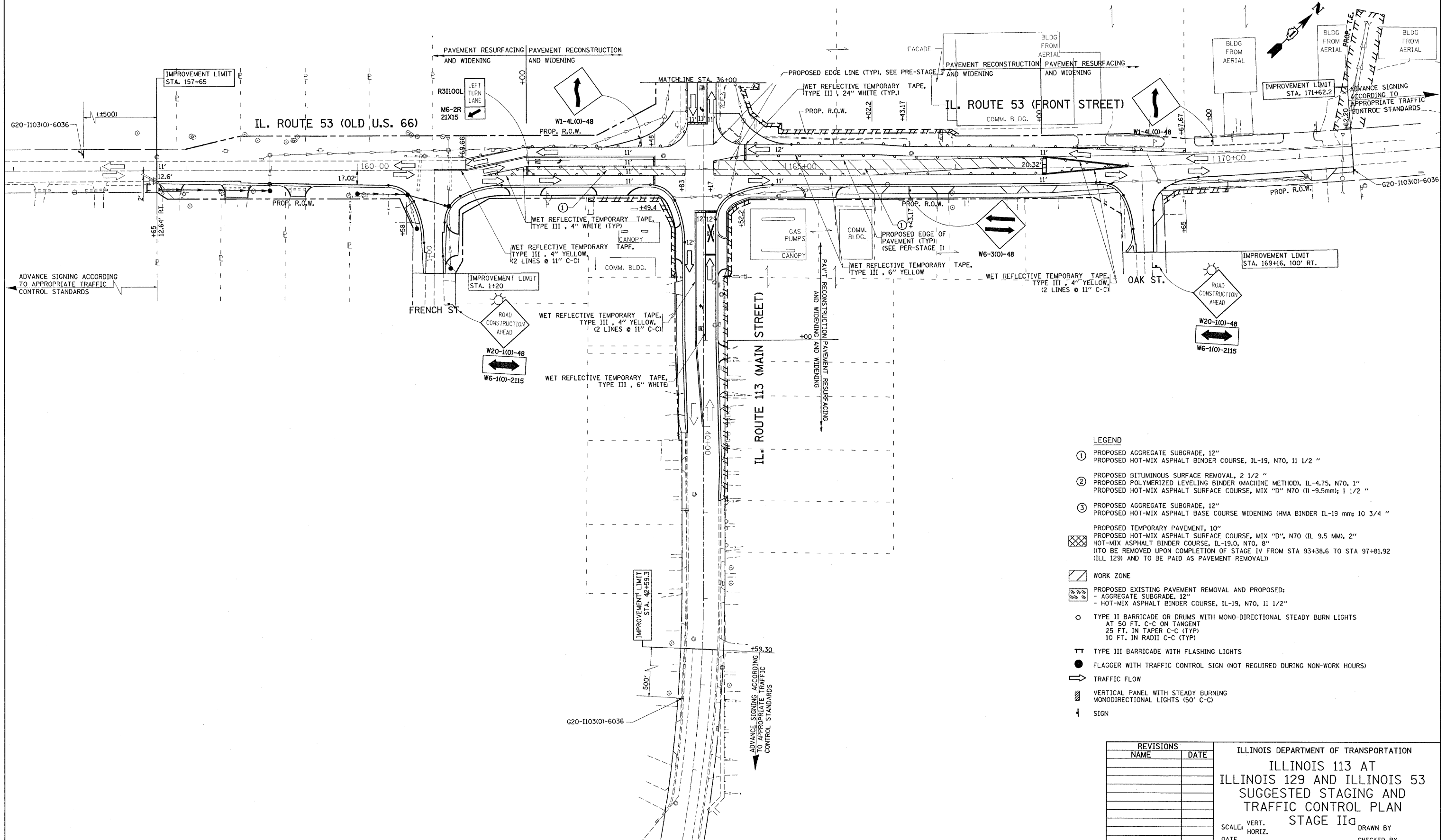
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE II**

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = 6/29/2007
 FILE NAME = c:\projects\113\113\stage2.dgn
 USER NAME = rhandman

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



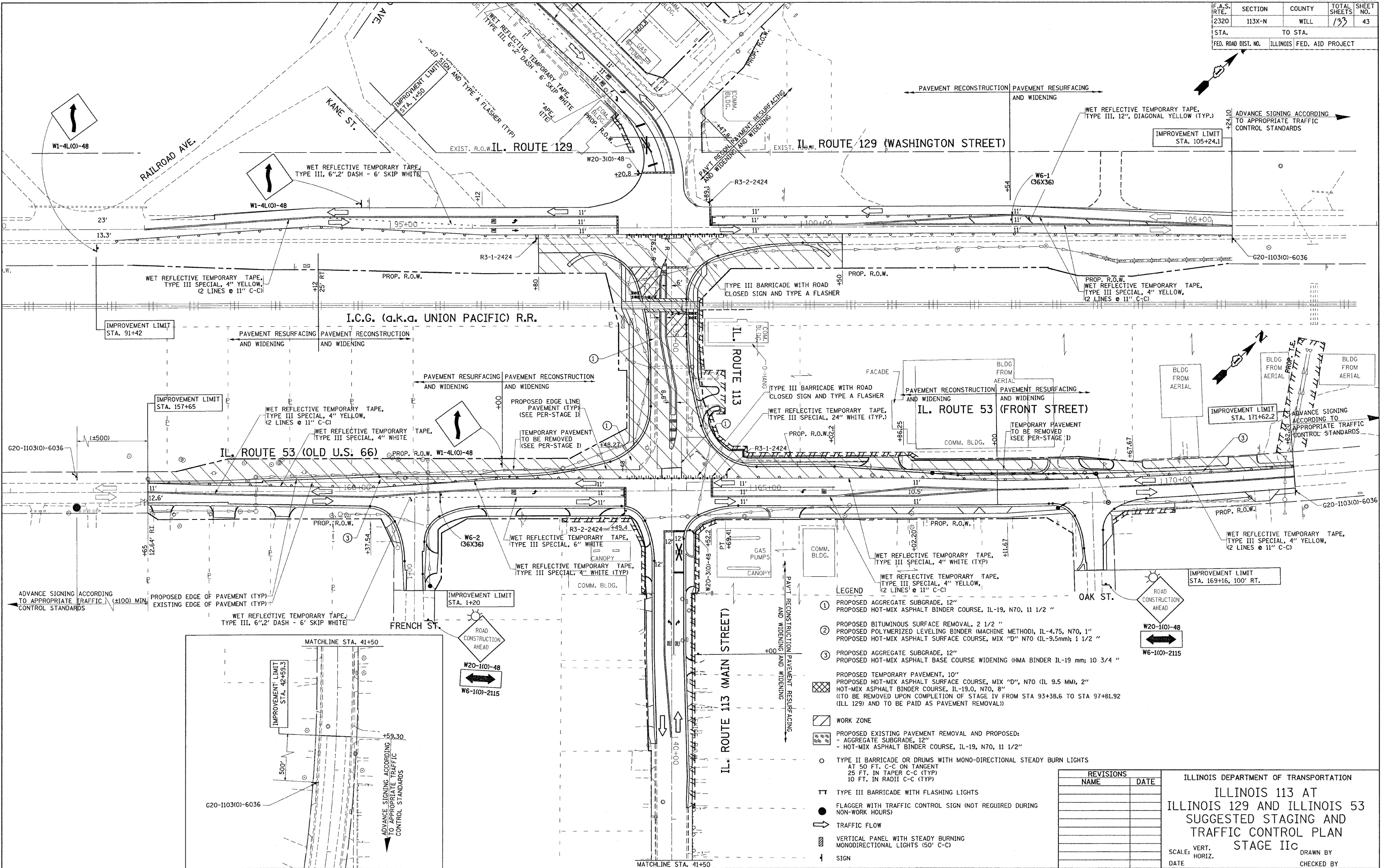
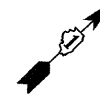
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10 3/4 "
 - ▨ PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
 - ▨ WORK ZONE
 - ▨ PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IIa**
 SCALE: VERT. _____ DRAWN BY _____
 DATE: _____ CHECKED BY _____

PLT DATE = 6/29/2007
 PLOT SCALE = 5/8"=1'-0"
 USER NAME = hmdanah

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	33	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 " PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1" PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10" PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED: - AGGREGATE SUBGRADE, 12" - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AT 50 FT. C-C ON TANGENT 25 FT. IN TAPER C-C (TYP) 10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ⇄ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

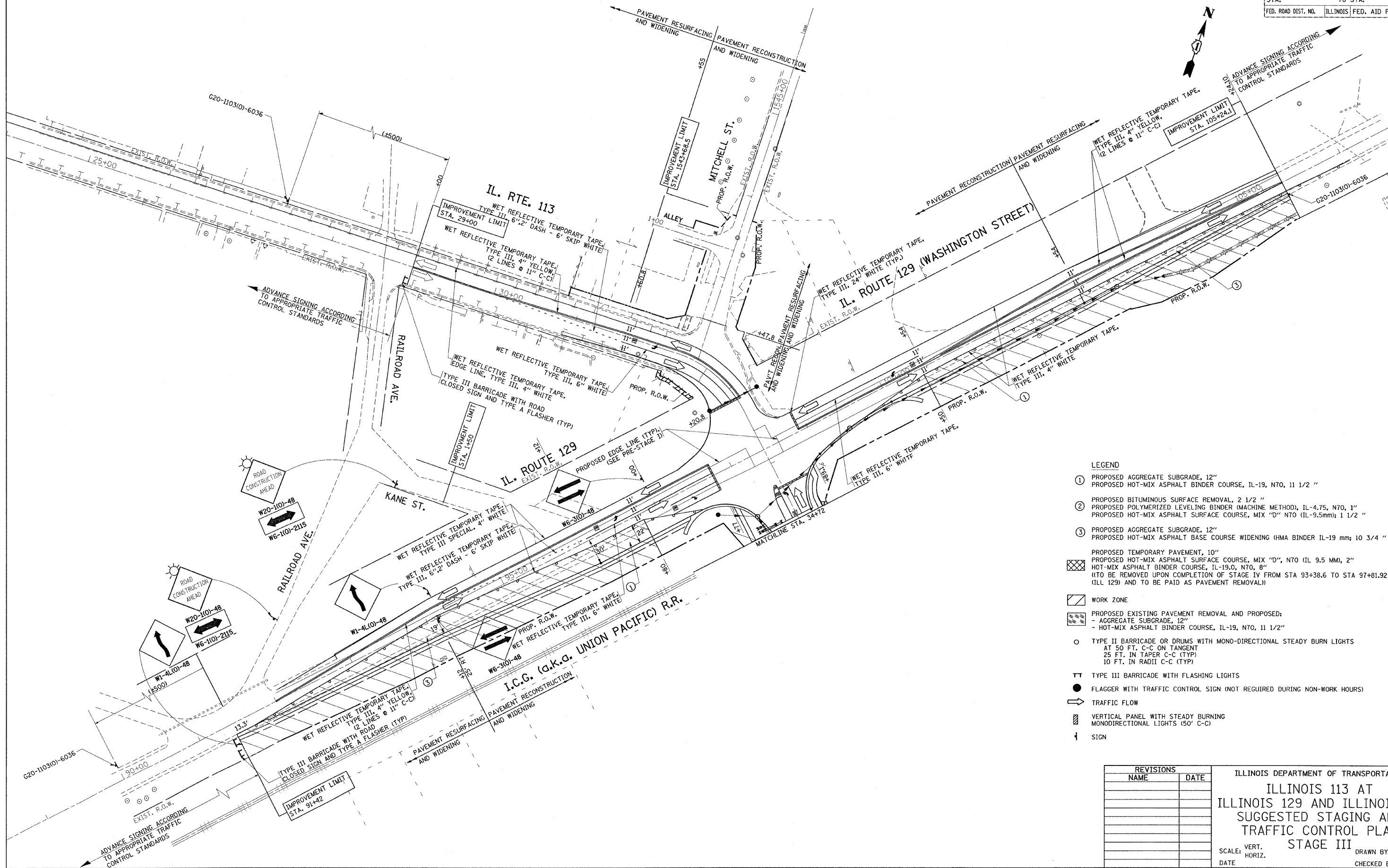
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IIc**

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = 6/29/2007
 FILE NAME = c:\pvc\projects\0101891\stage1a.dwg
 PLOT SCALE = 5/8" = 1' IN.
 USER NAME = hendenah

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
 - ② PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2 "
 - ③ PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
 - ④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
 - ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ⑥ PROPOSED AGGREGATE SUBGRADE, 12"
 - ⑦ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - ⑧ PROPOSED TEMPORARY PAVEMENT, 10"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
 - ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - ▨ WORK ZONE
 - ▩ PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
 - AGGREGATE SUBGRADE, 12"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
 - AT 50 FT. C-C ON TANGENT
 - 25 FT. IN TAPER C-C (TYP)
 - 10 FT. IN RADII C-C (TYP)
 - ▬ TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ↑ SIGN

REVISIONS	
NAME	DATE

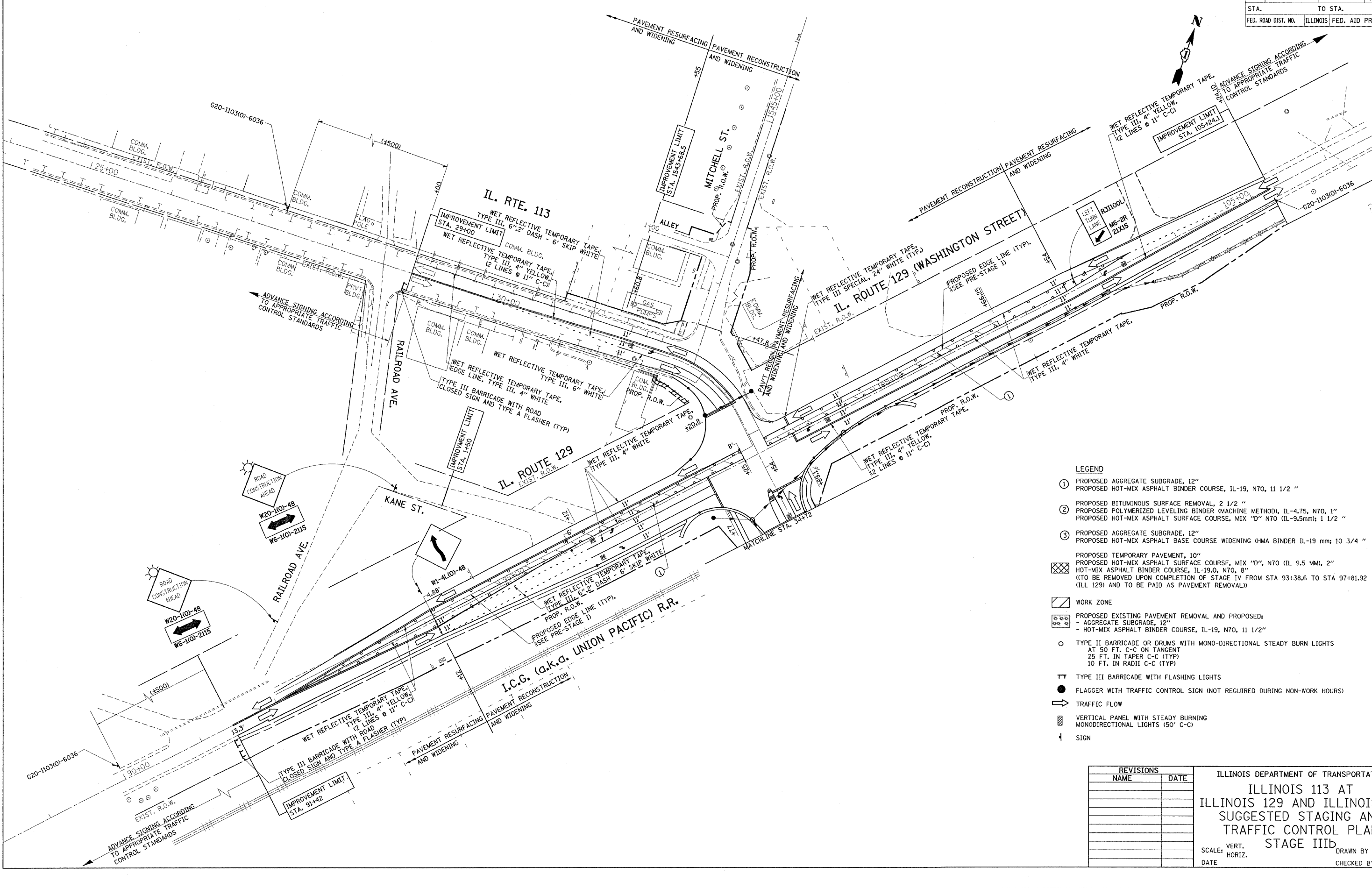
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE III**

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/29/2007
 FILE NAME = c:\p\113\113101691\stage3.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = hansen

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



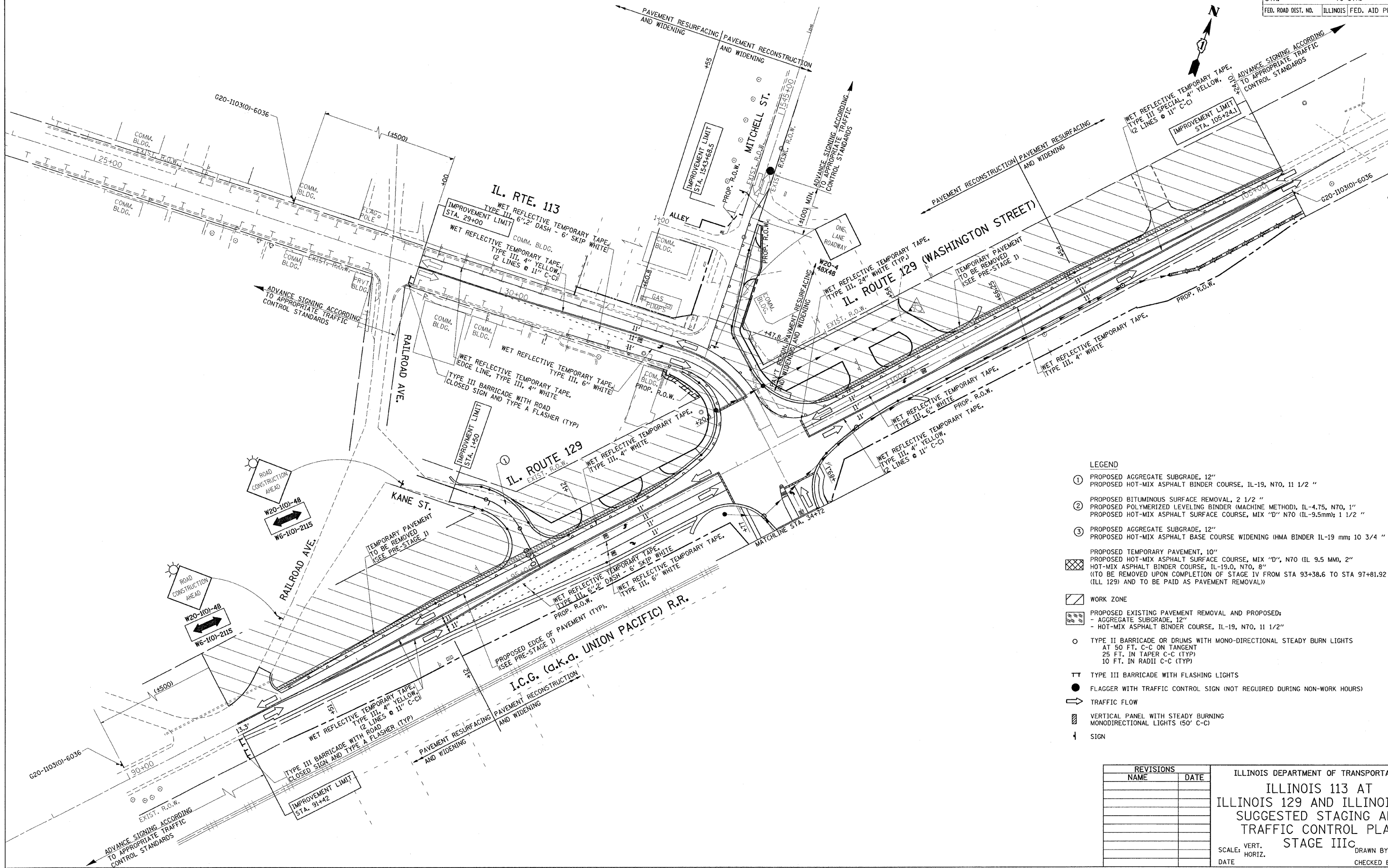
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (IL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - ▬ TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ⚡ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IIIb**
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/20/2007
 FILE NAME = c:\p\113\113113\113113_113113_113113.dgn
 PLOT SCALE = 5/8"=1'-0"
 USER NAME = hamdani

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



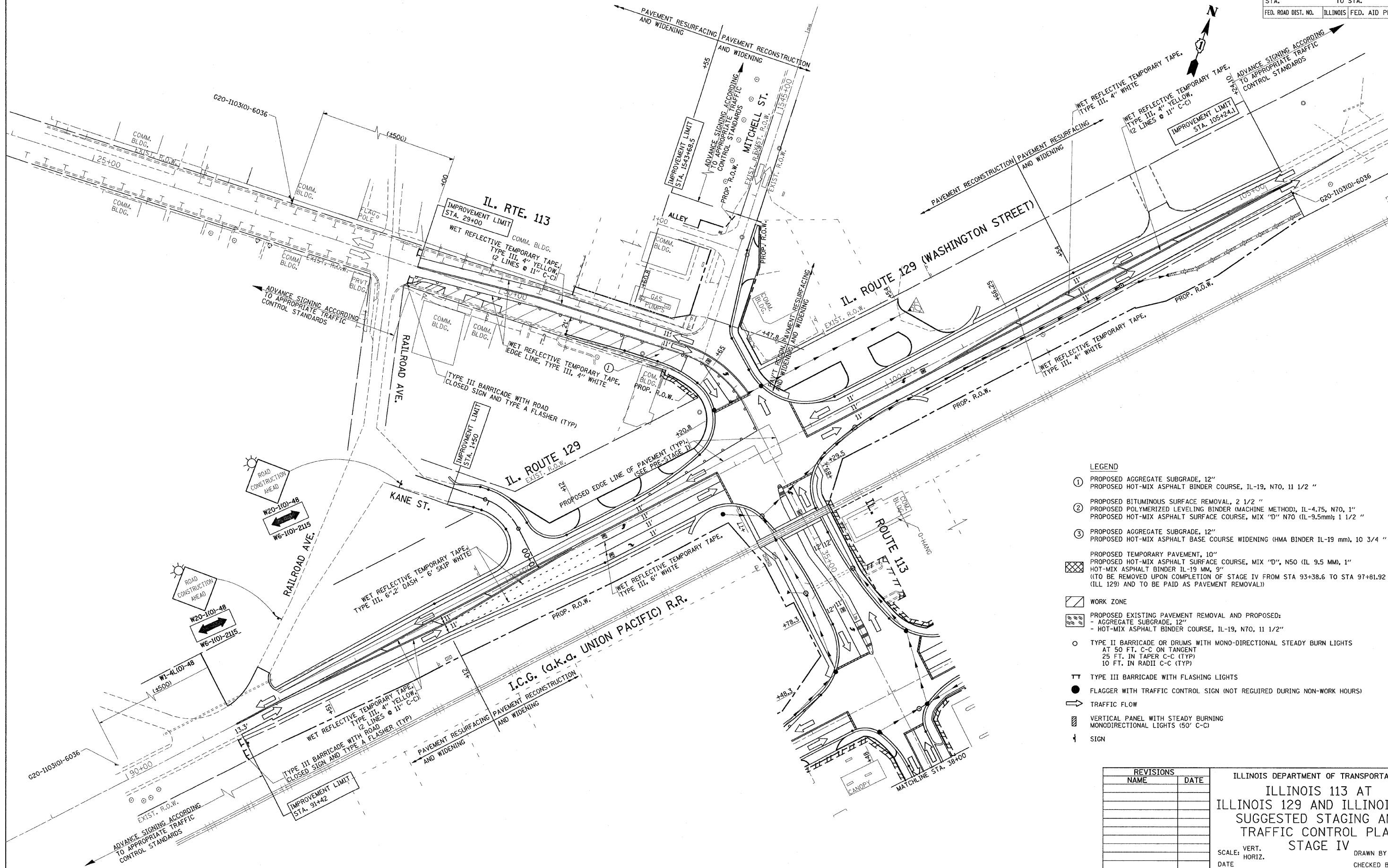
- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
 - ▨ PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - ▨ WORK ZONE
 - ▨ PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ⊥ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IIIc**
 SCALE: VERT. _____ DRAWN BY _____
 DATE _____ CHECKED BY _____

PLOT DATE = 6/29/2007
 FILE NAME = c:\p113\stage3\stage3_012.dgn
 PLOT SCALE = 1" = 40'
 USER NAME = hbandaran

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10 3/4 "
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 1"
HOT-MIX ASPHALT BINDER IL-19 MM, 9"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL))
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - TT TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - ▨ VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - † SIGN

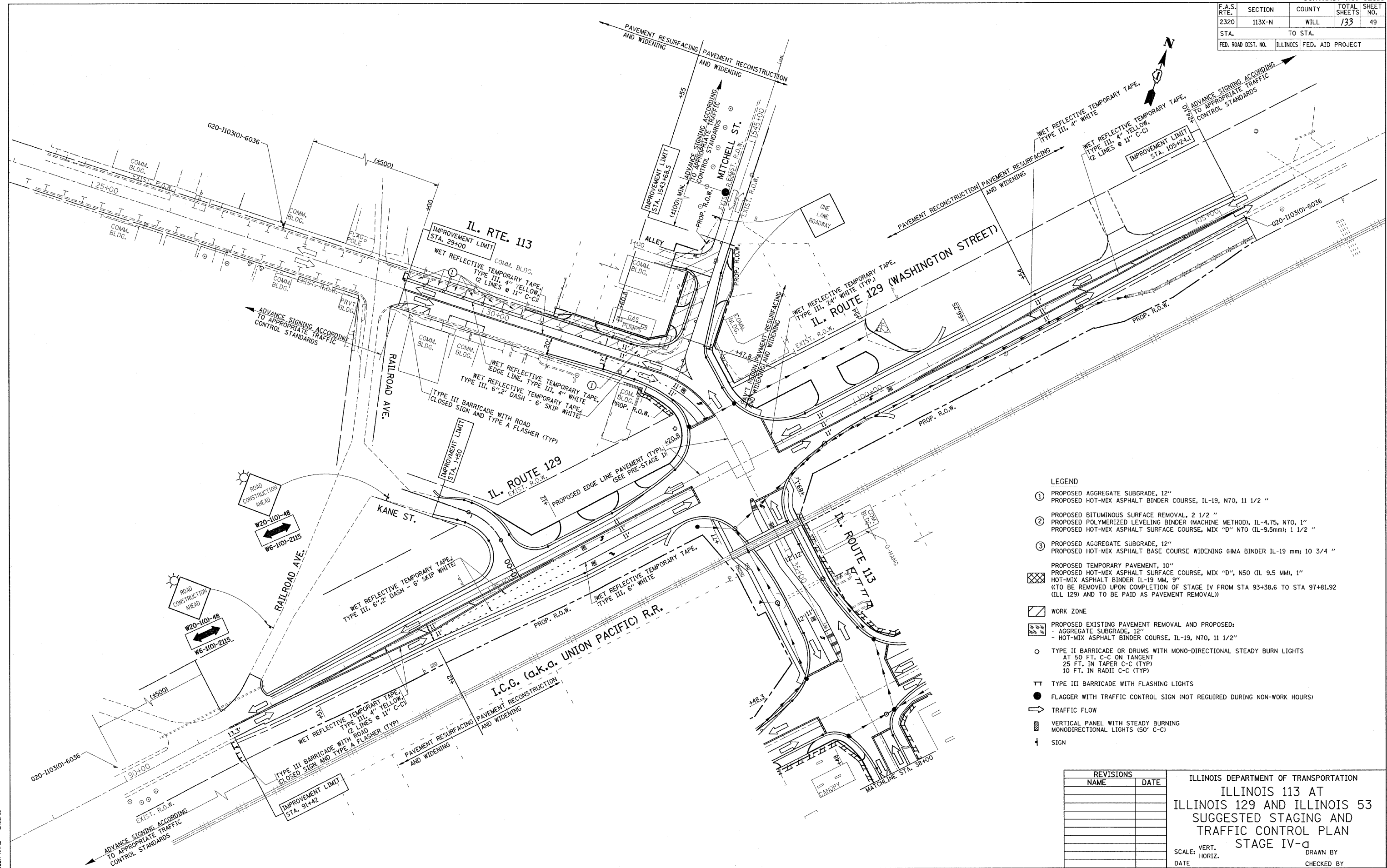
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IV**

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/29/2007
 FILE NAME = c:\nrc\p05\10181\stage4_e12.dgn
 USER NAME = s060687 / IN
 USER NAME = s060687

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	733	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



LEGEND

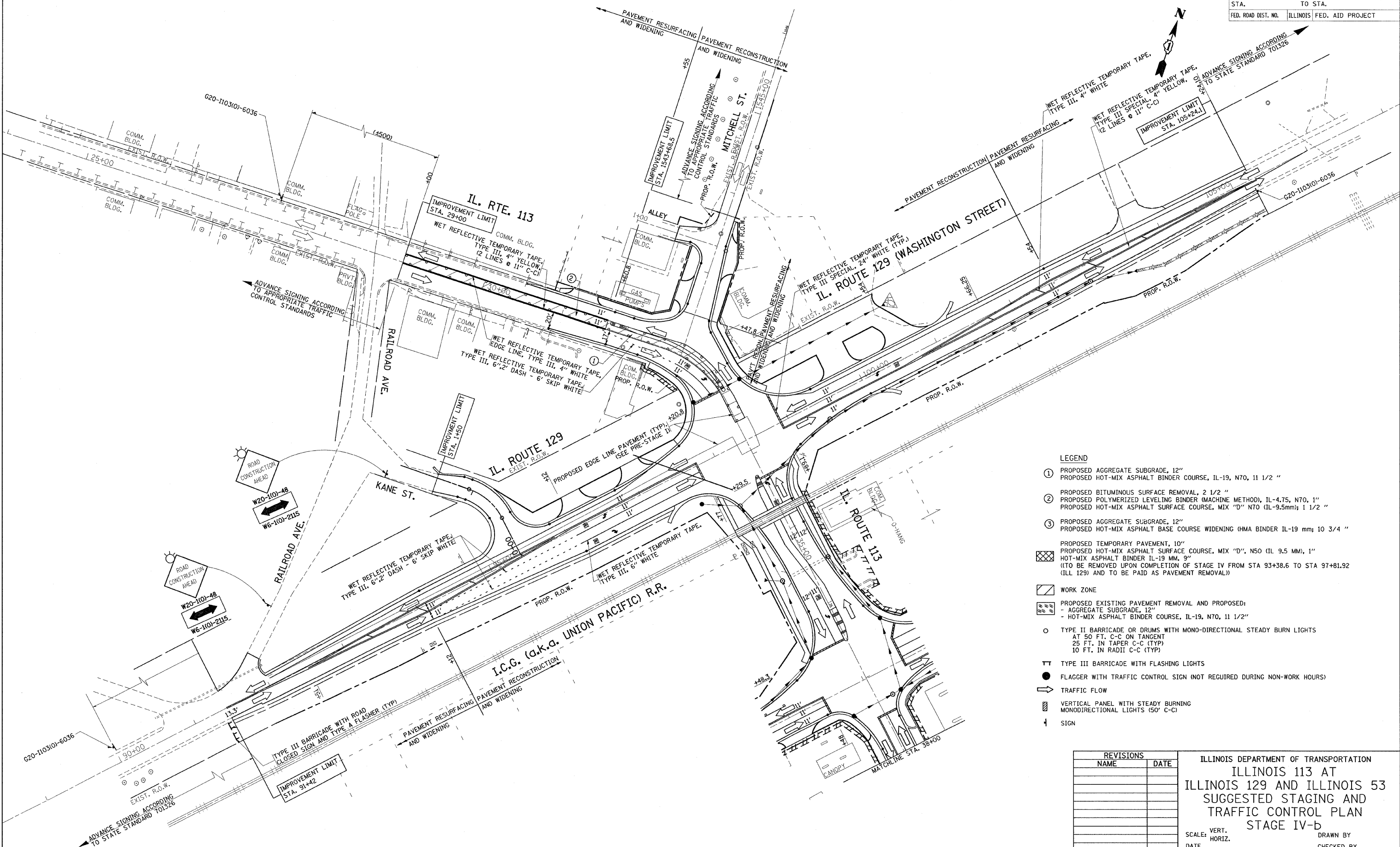
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2 "
- ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2 "
- ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4 "
- PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 1"
HOT-MIX ASPHALT BINDER IL-19 MM, 9"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
- WORK ZONE
- PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
- TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
- TT TYPE III BARRICADE WITH FLASHING LIGHTS
- FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
- ➔ TRAFFIC FLOW
- VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
- ⊥ SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IV-a**
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/25/2007
 FILE NAME = c:\p06\mcs\113\stage4.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = emsart

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- ① PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - ② PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N70, 1"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm); 1 1/2"
 - ③ PROPOSED AGGREGATE SUBGRADE, 12"
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm; 10 3/4"
 - PROPOSED TEMPORARY PAVEMENT, 10"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 1"
HOT-MIX ASPHALT BINDER IL-19 MM, 9"
(TO BE REMOVED UPON COMPLETION OF STAGE IV FROM STA 93+38.6 TO STA 97+81.92 (ILL 129) AND TO BE PAID AS PAVEMENT REMOVAL)
 - WORK ZONE
 - PROPOSED EXISTING PAVEMENT REMOVAL AND PROPOSED:
- AGGREGATE SUBGRADE, 12"
- HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 11 1/2"
 - TYPE II BARRICADE OR DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS
AT 50 FT. C-C ON TANGENT
25 FT. IN TAPER C-C (TYP)
10 FT. IN RADII C-C (TYP)
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - FLAGGER WITH TRAFFIC CONTROL SIGN (NOT REQUIRED DURING NON-WORK HOURS)
 - ➔ TRAFFIC FLOW
 - VERTICAL PANEL WITH STEADY BURNING MONODIRECTIONAL LIGHTS (50' C-C)
 - ⊥ SIGN

REVISIONS	
NAME	DATE

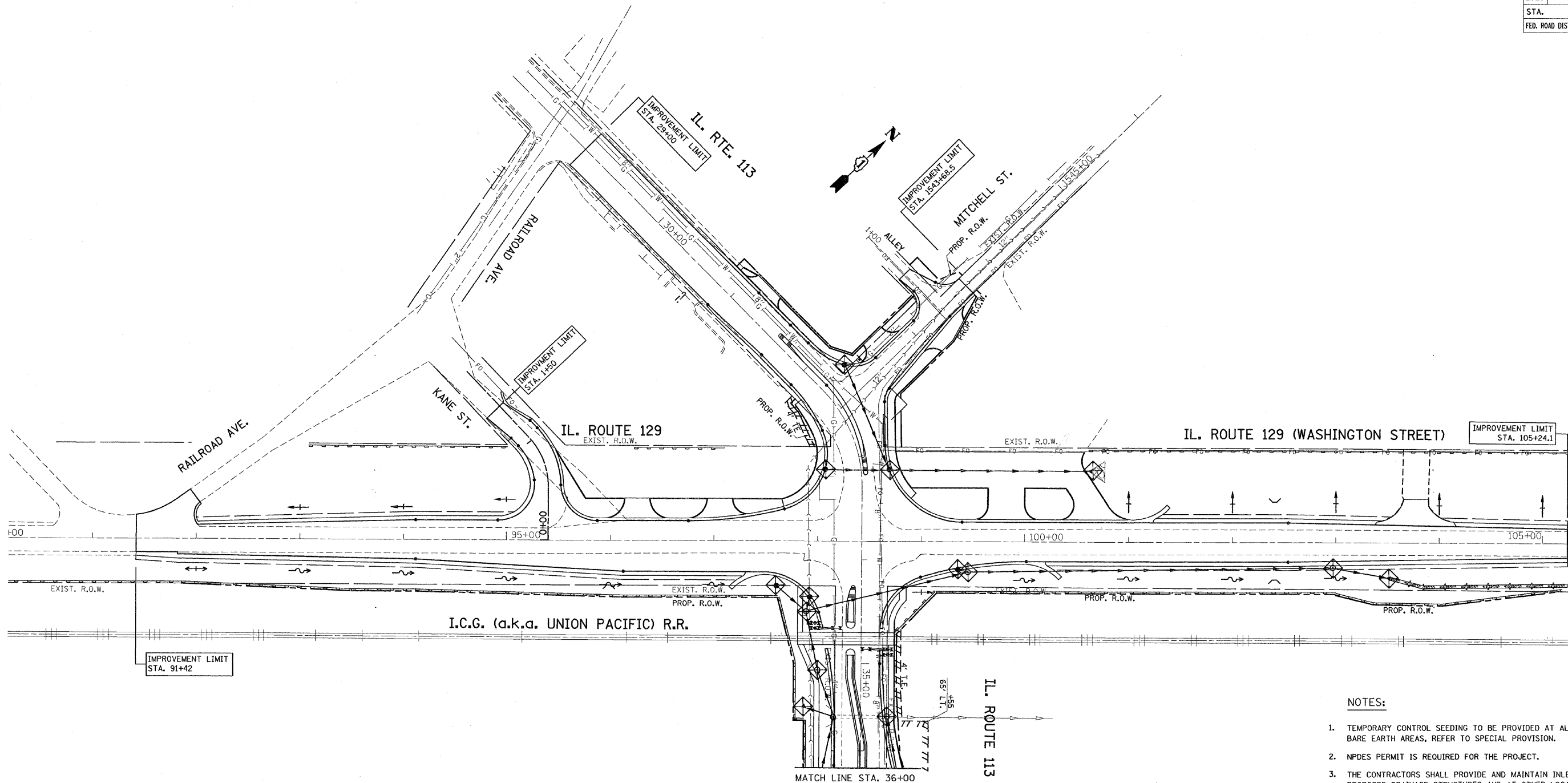
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS 113 AT
 ILLINOIS 129 AND ILLINOIS 53
 SUGGESTED STAGING AND
 TRAFFIC CONTROL PLAN
 STAGE IV-b**

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 6/29/2007
 FILE NAME = s:\p\62910\113\113_113_129_113_129_113_129.dgn
 PLOT SCALE = 50.00000 / 1" = 50'-0"
 USER NAME = enbar-13

*REF-pr/dwy

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62910				



NOTES:

1. TEMPORARY CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISION.
2. NPDES PERMIT IS REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE AND MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATION AND THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NON PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.

LEGEND FOR EROSION CONTROL NOTES

- SEDIMENT CONTROL, SILT FENCE
- ◇ DITCH CHECK @ EVERY 1' DROP IN DITCH ELEVATION
- SWALE
- DITCH
- ◇ INLET PROTECTION

NOTE:

- NO SLOPE SHALL BE LEFT UNDISTURBED WITHOUT THE PLACEMENT OF TEMPORARY OR PERMANENT SEEDING AND EROSION CONTROL BLANKET
- ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND SHALL REMAIN

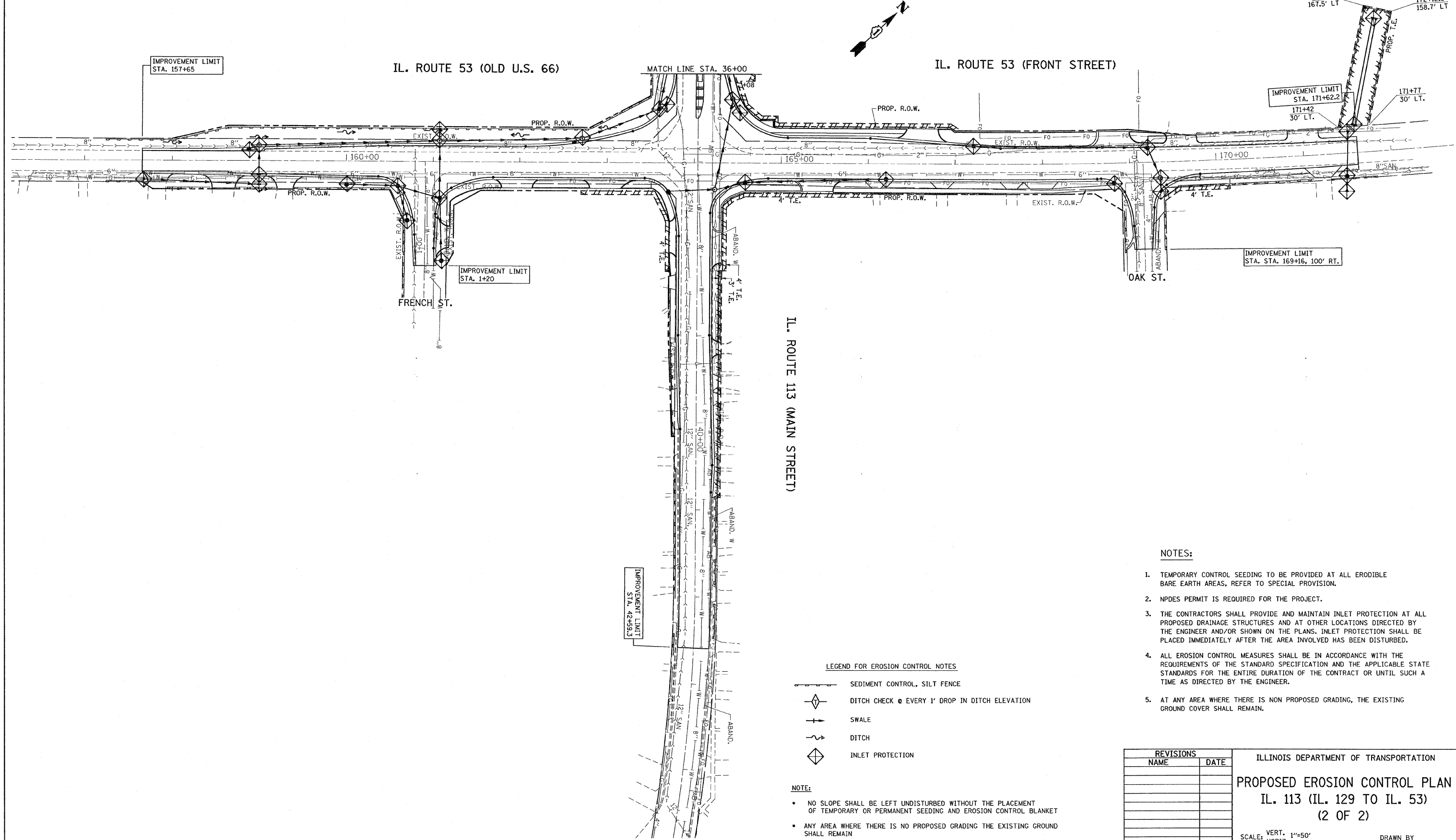
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED EROSION CONTROL PLAN
IL. 113 (IL. 129 TO IL. 53)
(1 OF 2)

SCALE: VERT. 1"=50'
 HORIZ. 1"=100'
 DATE 9/14/2007

DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
171+78.5	CONTRACT NO. 62910		172+12.5	
167.5' LT			158.7' LT	



NOTES:

1. TEMPORARY CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISION.
2. NPDES PERMIT IS REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE AND MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATION AND THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NON PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.

LEGEND FOR EROSION CONTROL NOTES

- SEDIMENT CONTROL, SILT FENCE
- ◇ DITCH CHECK @ EVERY 1' DROP IN DITCH ELEVATION
- + SWALE
- DITCH
- ◇ INLET PROTECTION

NOTE:

- NO SLOPE SHALL BE LEFT UNDISTURBED WITHOUT THE PLACEMENT OF TEMPORARY OR PERMANENT SEEDING AND EROSION CONTROL BLANKET
- ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND SHALL REMAIN

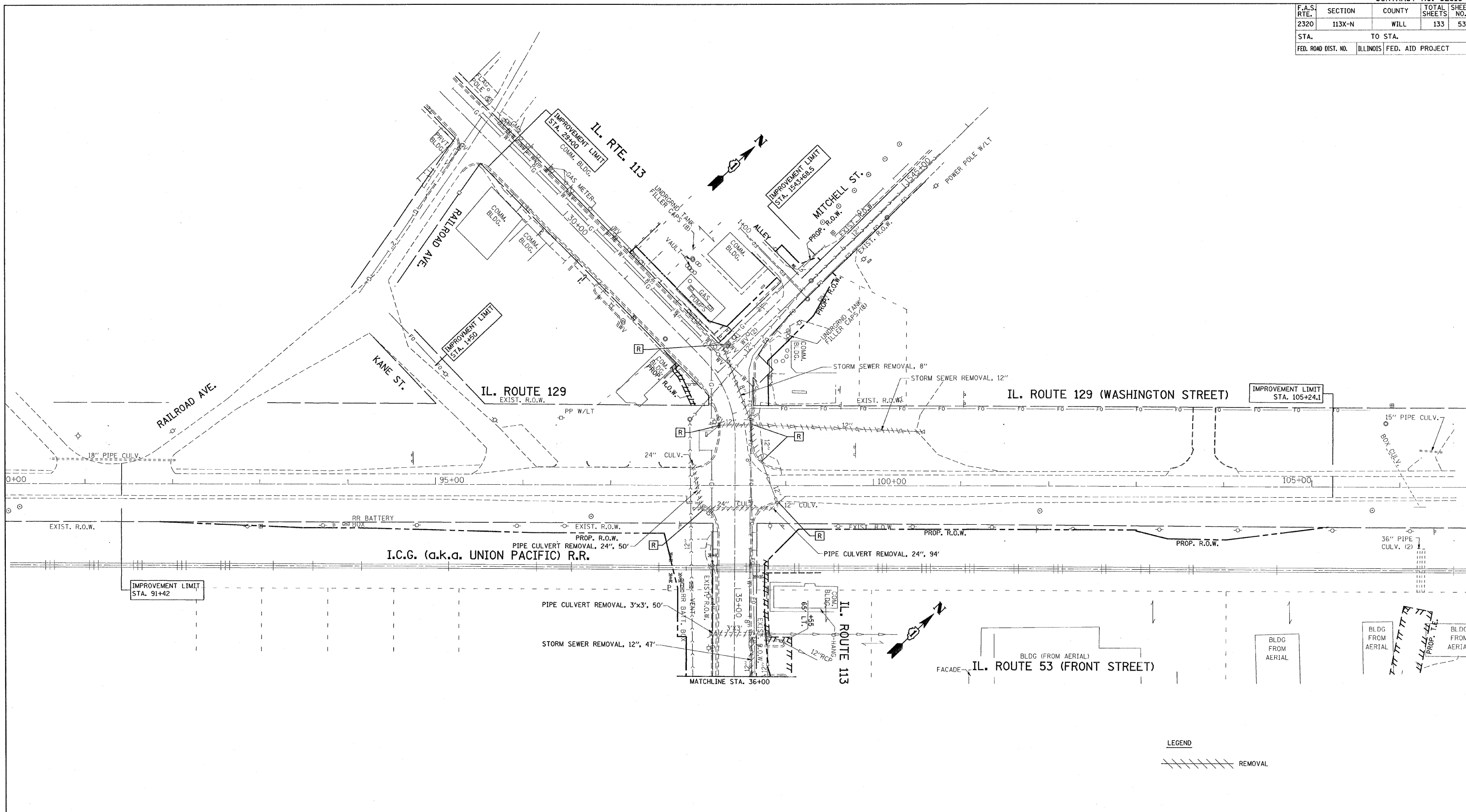
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED EROSION CONTROL PLAN
 IL. 113 (IL. 129 TO IL. 53)
 (2 OF 2)

SCALE: VERT. 1"=50'
 HORIZ. DATE 9/14/2007

DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND
 // // // // // REMOVAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EXISTING DRAINAGE AND UTILITIES PLAN IL. 113 (IL. 129 TO IL. 53)

SCALE: 1"=50'
 DATE= 9/14/2007

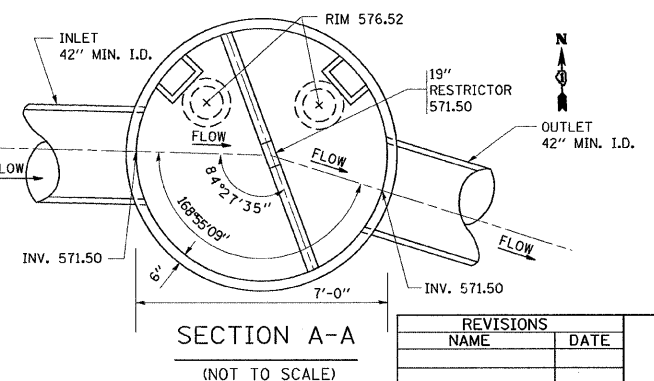
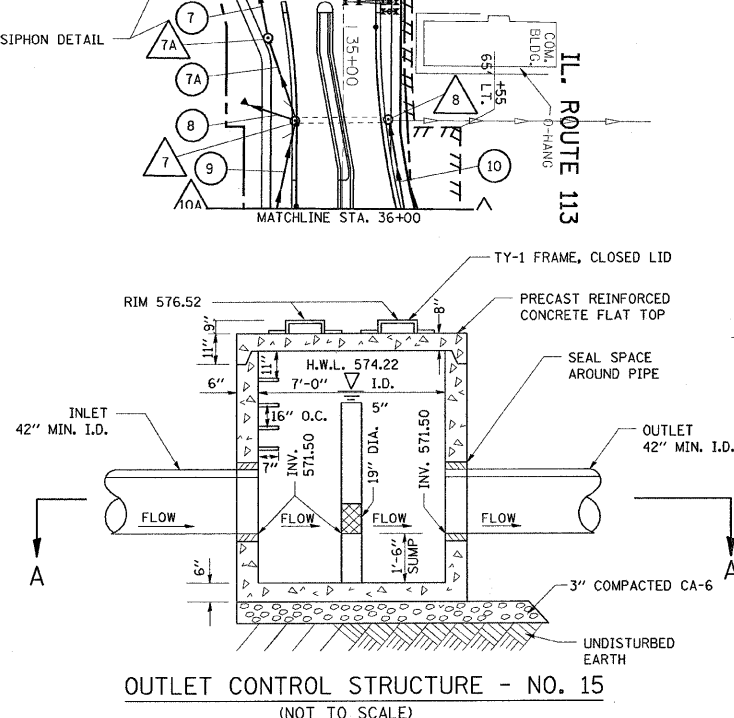
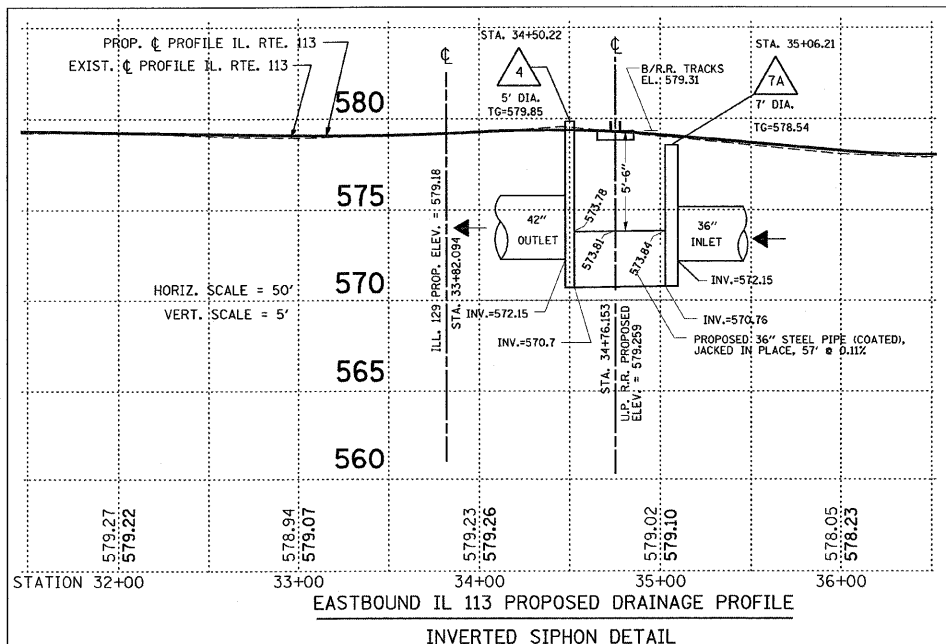
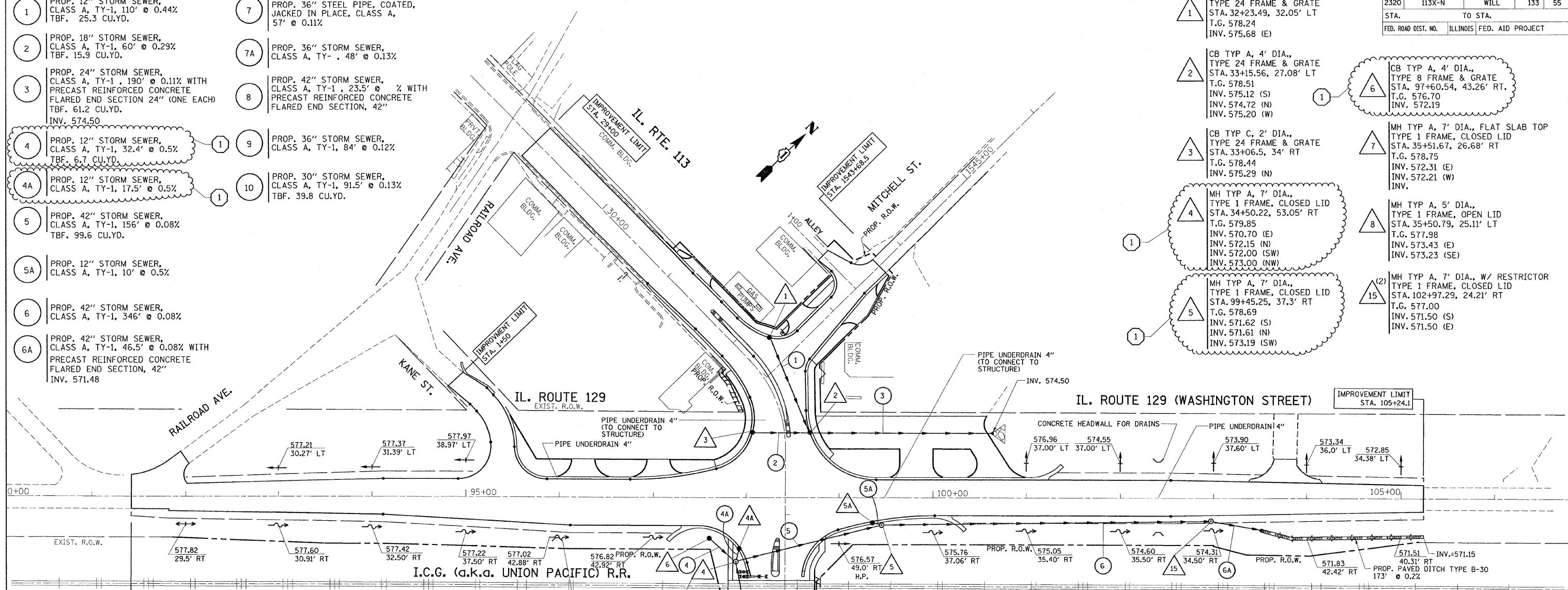
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PLOT DATE = 9/14/2007
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- 1 PROP. 12" STORM SEWER, CLASS A, TY-1, 110' @ 0.44% TBF. 25.3 CU.YD.
- 2 PROP. 18" STORM SEWER, CLASS A, TY-1, 60' @ 0.29% TBF. 15.9 CU.YD.
- 3 PROP. 24" STORM SEWER, CLASS A, TY-1, 190' @ 0.11% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION 24" (ONE EACH) TBF. 61.2 CU.YD. INV. 574.50
- 4 PROP. 12" STORM SEWER, CLASS A, TY-1, 32.4' @ 0.5% TBF. 6.7 CU.YD.
- 4A PROP. 12" STORM SEWER, CLASS A, TY-1, 17.5' @ 0.5%
- 5 PROP. 42" STORM SEWER, CLASS A, TY-1, 156' @ 0.08% TBF. 99.6 CU.YD.
- 5A PROP. 12" STORM SEWER, CLASS A, TY-1, 10' @ 0.5%
- 6 PROP. 42" STORM SEWER, CLASS A, TY-1, 346' @ 0.08%
- 6A PROP. 42" STORM SEWER, CLASS A, TY-1, 46.5' @ 0.08% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION, 42" INV. 571.48
- 7 PROP. 36" STEEL PIPE, COATED, JACKED IN PLACE, CLASS A, 57' @ 0.11%
- 7A PROP. 36" STORM SEWER, CLASS A, TY-1, 48' @ 0.13%
- 8 PROP. 42" STORM SEWER, CLASS A, TY-1, 23.5' @ 0.11% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION, 42"
- 9 PROP. 36" STORM SEWER, CLASS A, TY-1, 84' @ 0.12%
- 10 PROP. 30" STORM SEWER, CLASS A, TY-1, 91.5' @ 0.13% TBF. 39.8 CU.YD.

- 1 CB TYP C, 2' DIA., TYPE 24 FRAME & GRATE STA. 32+23.49, 32.05' LT T.G. 578.24 INV. 575.68 (E)
- 2 CB TYP A, 4' DIA., TYPE 24 FRAME & GRATE STA. 33+15.56, 27.08' LT T.G. 578.51 INV. 575.12 (S) INV. 574.72 (N) INV. 575.20 (W)
- 3 CB TYP C, 2' DIA., TYPE 24 FRAME & GRATE STA. 33+06.5, 34' RT T.G. 578.44 INV. 575.29 (N)
- 4 MH TYP A, 7' DIA., TYPE 1 FRAME, CLOSED LID STA. 34+50.22, 53.05' RT T.G. 579.85 INV. 570.70 (E) INV. 572.15 (N) INV. 572.00 (SW) INV. 573.00 (NW)
- 5 MH TYP A, 7' DIA., TYPE 1 FRAME, CLOSED LID STA. 39+45.25, 37.3' RT T.G. 578.69 INV. 571.62 (S) INV. 571.61 (N) INV. 573.19 (SW)
- 6 CB TYP A, 4' DIA., TYPE 8 FRAME & GRATE STA. 37+60.54, 43.26' RT. T.G. 576.70 INV. 572.19
- 7 MH TYP A, 7' DIA., FLAT SLAB TOP TYPE 1 FRAME, CLOSED LID STA. 35+51.67, 26.68' RT T.G. 578.75 INV. 572.31 (E) INV. 572.21 (W) INV.
- 8 MH TYP A, 5' DIA., TYPE 1 FRAME, OPEN LID STA. 35+50.79, 25.11' LT T.G. 577.98 INV. 573.43 (E) INV. 573.23 (SE)
- 15 MH TYP A, 7' DIA., W/ RESTRICTOR TYPE 1 FRAME, CLOSED LID STA. 102+97.29, 24.21' RT T.G. 577.00 INV. 571.50 (S) INV. 571.50 (E)



- 7A MH TYP A, 5' DIA., TYPE 1 FRAME, CLOSED LID STA. 35+06.21, 42.10' RT T.G. 578.54 INV. 572.15 (SE) INV. 570.76 (NW)
- 4A CB TYP C, 2' DIA., TYPE 24 FRAME & GRATE STA. 34+27.23, 55.81' RT T.G. 579.38 INV. 573.07
- 5A CB TYP C, 2' DIA., TYPE 24 FRAME & GRATE STA. 39+34.5, 26.70' RT T.G. 578.31 INV. 573.24

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITIES PLAN

IL. 113 (IL. 129 TO IL. 53)

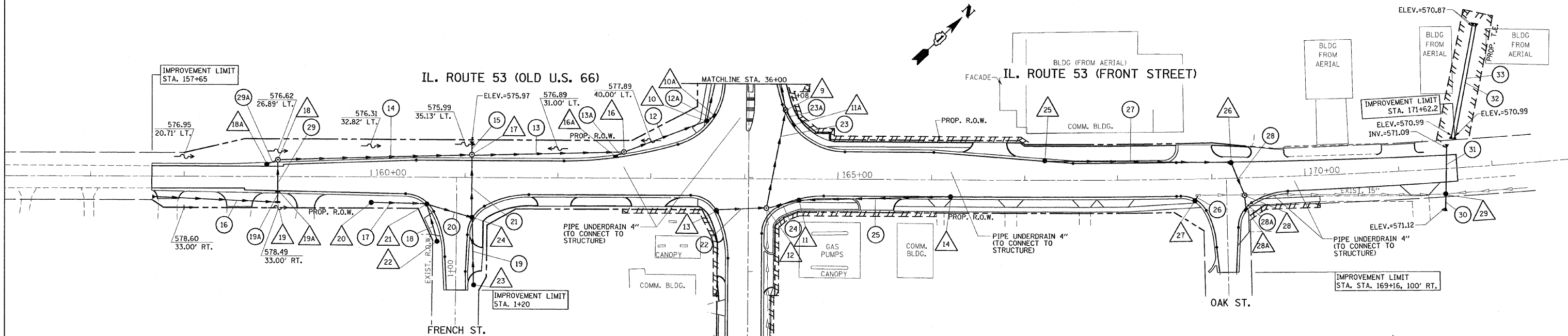
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DATE= 11/5/2007

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CHECKED BY _____

PLOT DATE = 11/5/2007
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 USER NAME = j...



- 9 MH TYP A, 5' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 36+28, 39.38' LT T.G. 577.54 INV. 573.65 (SE) INV. 573.55 (NW) INV. 573.69 (NE)
- 10 CB TYP A, 5' DIA., TYPE 24 FRAME & GRATE STA. 36+40, 45' RT T.G. 578.15 INV. 572.51 (S) INV. 572.41 (W) INV. 572.89 (N)
- 10A INLET TYPE B, 3' DIA., TYPE 24 FRAME & GRATE STA. 36+34.20, 36.84 RT T.G. 577.79 INV. 572.91
- 11 CB TYP A, 4' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 164+58.52, 22.56' RT T.G. 577.30 INV. 573.90 (SW) INV. 573.92 (NE)
- 11A INLET TYPE B, 3' DIA., TYPE 24 FRAME & GRATE STA. 36+43.73, 48.30' LT T.G. 577.33 INV. 573.83
- 12 MH TYP A, 5' DIA., FLAT SLAB TOP, TYPE 1 FRAME, CLOSED LID STA. 37+32.25, 19.42' LT T.G. 578.10 INV. 574.64 (SW) INV. 573.86 (NE) INV. 574.78 (SE) MATCH EXIST. INV. 573.77 (NW)
- 13 CB TYP C, 2' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 37+34.88, 34.13' RT T.G. 577.72 INV. 574.77 (NE)

- 14 CB TYP A, 4' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 166+20.39, 18.0' RT T.G. 577.35 INV. 574.18 (SW)
- 16 MH TYP A, 5' DIA., TYPE 1 FRAME, CLOSED LID STA. 162+71.30, 27.58' LT T.G. 578.32 INV. 572.71 (SW) INV. 572.61 (NE) INV. 573.71 (S)
- 16A CB TYPE C, 2' DIA., TYPE 24 FRAME & GRATE STA. 162+62.33, 23' LT T.G. 577.98 INV. 573.74
- 17 MH TYP A, 5' DIA., FLAT SLAB TOP, TYPE 2 FRAME, CLOSED LID STA. 161+07.28, 24.09' LT T.G. 578.11 INV. 574.34 (SW) INV. 573.66 (SE) INV. 572.82 (NE)
- 18 MH TYP A, 4' DIA., FLAT SLAB TOP, TYPE 1 FRAME, CLOSED LID STA. 159+00, 17.78' LT T.G. 578.41 INV. 575.15 (NE) INV. 575.16 (SE) INV. 575.50 (SW)
- 18A CB TYP C, 4' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 158+88.11, 13' LT T.G. 578.67 INV. 575.55 (N)
- 19 INLET TYP B, 3' DIA., TYPE 8 FRAME & GRATE STA. 159+00, 27.26' RT T.G. 577.20 INV. 575.51 (SW) INV. 575.41 (NW)

- 19A INLET TYP B, 3' DIA., TYPE 8 FRAME & GRATE STA. 159+00, 16.14' RT T.G. 578.30 INV. 575.38 (SE) INV. 575.28 (NW)
- 20 INLET TYP A, 2' DIA., TYPE 8 FRAME & GRATE STA. 160+00.28, 28' RT T.G. 577.22 INV. 575.16
- 21 CB TYP A, 4' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 160+59.45, 28.56' RT T.G. 578.22 INV. 574.61 (E) INV. 574.51 (N) INV. 574.61 (SE)
- 22 CB TYP C, 4' DIA., FLAT SLAB TOP, TYPE 8 FRAME & GRATE STA. 0+67.75, 20.43' RT T.G. 577.42 INV. 574.72 (W)
- 23 INLET TYP A, 2' DIA., TYPE 8 FRAME & GRATE STA. 1+14.49, 19.4' LT T.G. 577.42 INV. 574.56 (W)
- 24 CB TYP A, 4' DIA., TYPE 24 FRAME & GRATE STA. 0+42.22, 16.48' LT T.G. 577.75 INV. 574.37 (SE & SW) INV. 573.79 (NW)
- 25 CB TYP C, 2' DIA., TYPE 24 FRAME & GRATE STA. 167+21.34, 20.68' LT T.G. 576.64 INV. 573.69 (N)
- 26 CB TYP C, 4' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 169+97.15, 17.53' LT T.G. 575.79 INV. 573.52 (S) INV. 573.20 (E)

- 27 CB TYP C, 4' DIA., TYPE 24 FRAME & GRATE STA. 168+81.55, 23' RT T.G. 576.34 INV. 573.10 (N) INV. 573.08
- 28 MH TYP A, 5' DIA., TYPE 1 FRAME, CLOSED LID STA. 169+34.90, 18.61' RT T.G. 576.24 INV. 573.36 (W) INV. 573.46
- 28A INLET TYP B, 3' DIA., FLAT SLAB TOP, TYPE 24 FRAME & GRATE STA. 169+35.75, 33.53' RT T.G. 576.28 INV. 573.51 (NW)
- 29 TEE INLET TY 8 F & G T.G. 575.57 INV. 572.00 (S)

- 12 PROP. 36" STORM SEWER, CLASS A, TY-1, 94' @ 0.07%
- 12A PROP. 12" STORM SEWER, CLASS A, TY-1, 5' @ 0.44%
- 13 PROP. 36" STORM SEWER, CLASS A, TY-1, 159' @ 0.16%
- 13A PROP. 12" STORM SEWER, CLASS A, TY-1, 6' @ 0.44%
- 14 PROP. 18" STORM SEWER, CLASS A, TY-1, 202.5' @ 0.73%
- 15 PROP. 18" STORM SEWER, CLASS A, TY-1, 8.7' @ 36.7% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION
- 16 PROP. PIPE CULVERT, TYPE 1, REINFORCED CONCRETE - EL. EQUIVALENT, 18", 124.5' @ 1.00% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION (ONE EACH) EL. = 576.76
- 17 PROP. 18" STORM SEWER, CLASS A, TY-1, 56' @ 0.98%
- 18 PROP. 18" STORM SEWER, CLASS A, TY-1, 39' @ 0.29%
- 19 PROP. 18" STORM SEWER, CLASS A, TY-1, 69.5' @ 0.26%
- 19A PROP. 12" STORM SEWER, CLASS A, TY-1, 4.5' @ 0.67%
- 20 PROP. 18" STORM SEWER, CLASS A, TY-1, 46' @ 0.30% TBF. 13.9 CU.YD.
- 21 PROP. 24" STORM SEWER, CLASS A, TY-1, 60.5' @ 0.18% TBF. 39.5 CU.YD.
- 22 PROP. 18" STORM SEWER, CLASS A, TY-1, 50.5' @ 0.26% TBF. 13.0 CU.YD.

- 23 PROP. 30" STORM SEWER, CLASS A, TY-1, 101' @ 0.12% TBF. 35.1 CU.YD.
- 23A PROP. 12" STORM SEWER, CLASS A, TY-1, 14' @ 1.00%
- 24 PROP. 18" STORM SEWER, CLASS A, TY-1, 31.5' @ 0.17% TBF. 10.6 CU.YD.
- 25 PROP. 15" STORM SEWER, CLASS A, TY-1, 194.5' @ 0.17%
- 26 PROP. 12" STORM SEWER, CLASS A, TY-1, 4.5' @ 0.44%
- 27 PROP. 12" STORM SEWER, CLASS A, TY-1, 167' @ 0.10%
- 28 PROP. 15" STORM SEWER, CLASS A, TY-1, 48' @ 0.33% TBF. 9.0 CU.YD.
- 28A PROP. 12" STORM SEWER, CLASS A, TY-1, 8.5' @ 0.59% TBF. 2.4 CU.YD.
- 29 PROP. 12" STORM SEWER, CLASS A, TY-1, 33.5' @ 0.36% TBF. 8.5 CU.YD.
- 29A PROP. 12" STORM SEWER, CLASS A, TY-1, 11' @ 0.44%
- 30 PROP. PIPE CULVERT, TYPE 1, REINFORCED CONCRETE - EL. EQUIVALENT, 42", 12' @ 1.42% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION, EL. EQUIVALENT 42" EL. = 571.12

- 31 PROP. PIPE CULVERT, TYPE 1, REINFORCED CONCRETE - EL. EQUIVALENT, 42", 50' @ 1.82% WITH PRECAST REINFORCED CONCRETE FLARED END SECTION, EL. EQUIVALENT 42", (ONE EACH) TBF. 8.3 CU.YD.
- 32 PROP. PIPE CULVERT, TYPE 1, REINFORCED CONCRETE - EL. EQUIVALENT, 30", 125' @ 0.10%
- 33

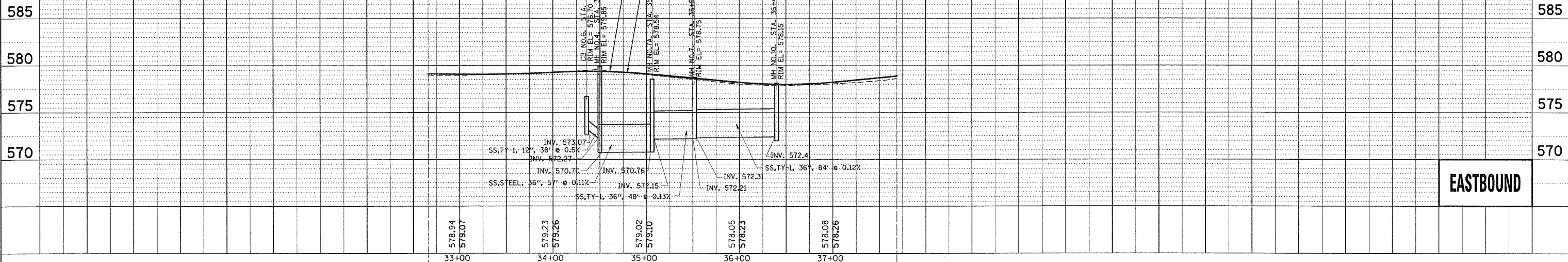
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED DRAINAGE AND UTILITIES PLAN
 IL. 113 (IL. 129 TO IL. 53)
 SCALE: 1"=50'
 DATE: 11/5/2007
 DRAWN BY
 CHECKED BY

PLOT DATE = 11/5/2007
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 USER NAME = ulrich

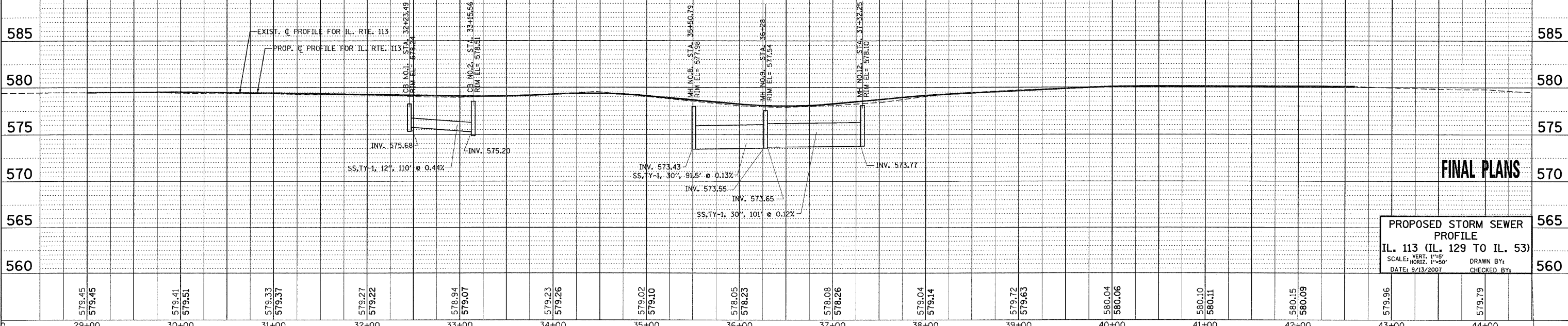
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STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	REVISIONS		
	NOTE BOOK		
	NO.		
	CADD FILE NAME		



EASTBOUND

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	REVISIONS		
	NOTE BOOK		
	NO.		
	STRUCTURE NOTATIONS		



WESTBOUND

FINAL PLANS

PROPOSED STORM SEWER PROFILE
IL. 113 (IL. 129 TO IL. 53)
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 HORIZ. 1"=50'
 DATE: 9/13/2007
 DRAWN BY:
 CHECKED BY:

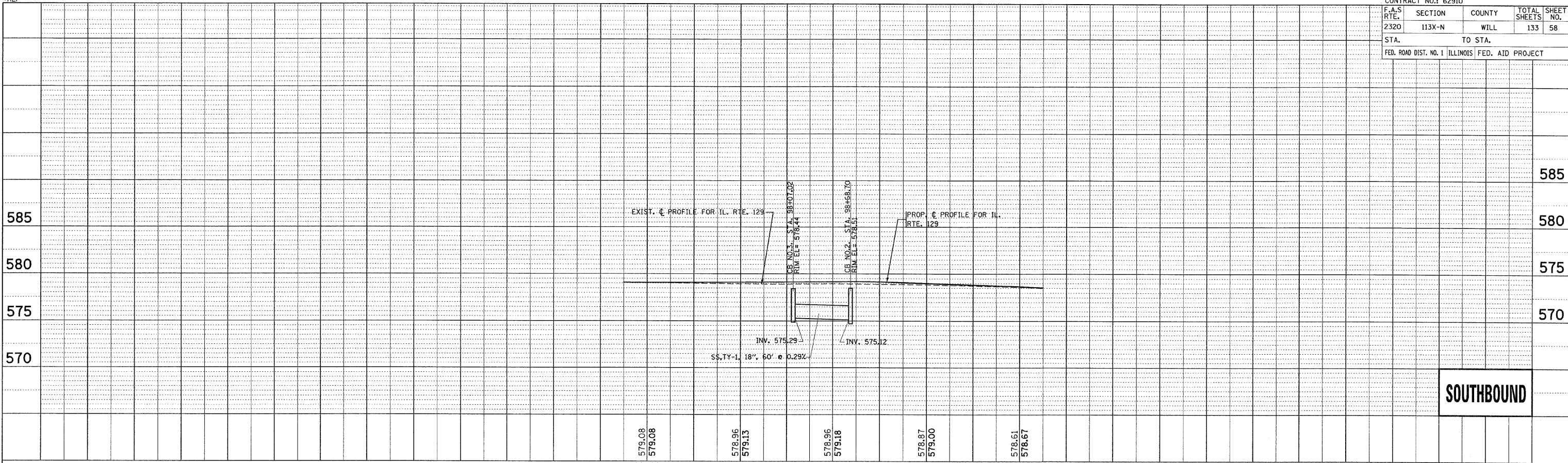
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29+00		30+00		31+00		32+00		33+00		34+00		35+00		36+00		37+00		38+00		39+00		40+00		41+00		42+00		43+00	44+00

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REF -

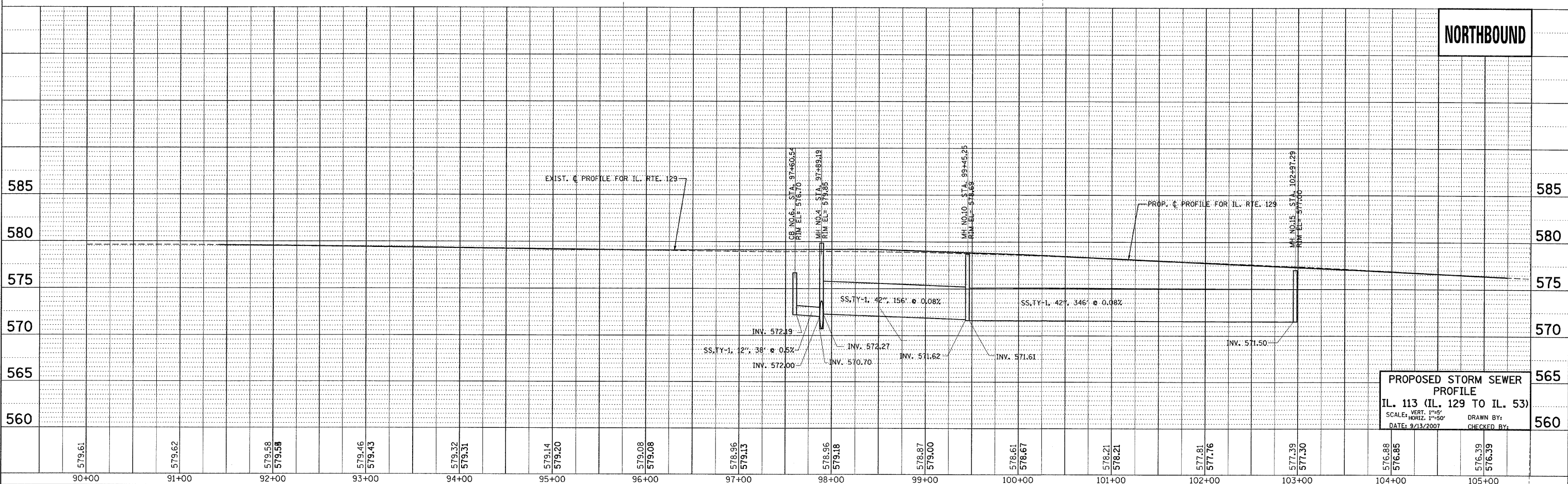
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STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATION OK'D		
	CADD FILE NAME		

PROFILE	DESIGNED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATION OK'D		



SOUTHBOUND



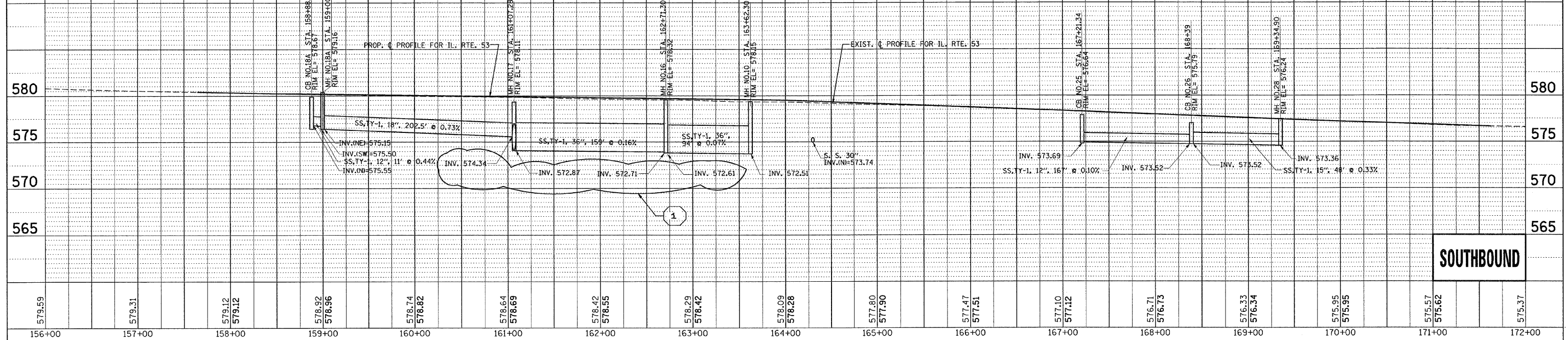
NORTHBOUND

PROPOSED STORM SEWER PROFILE
IL. 113 (IL. 129 TO IL. 53)
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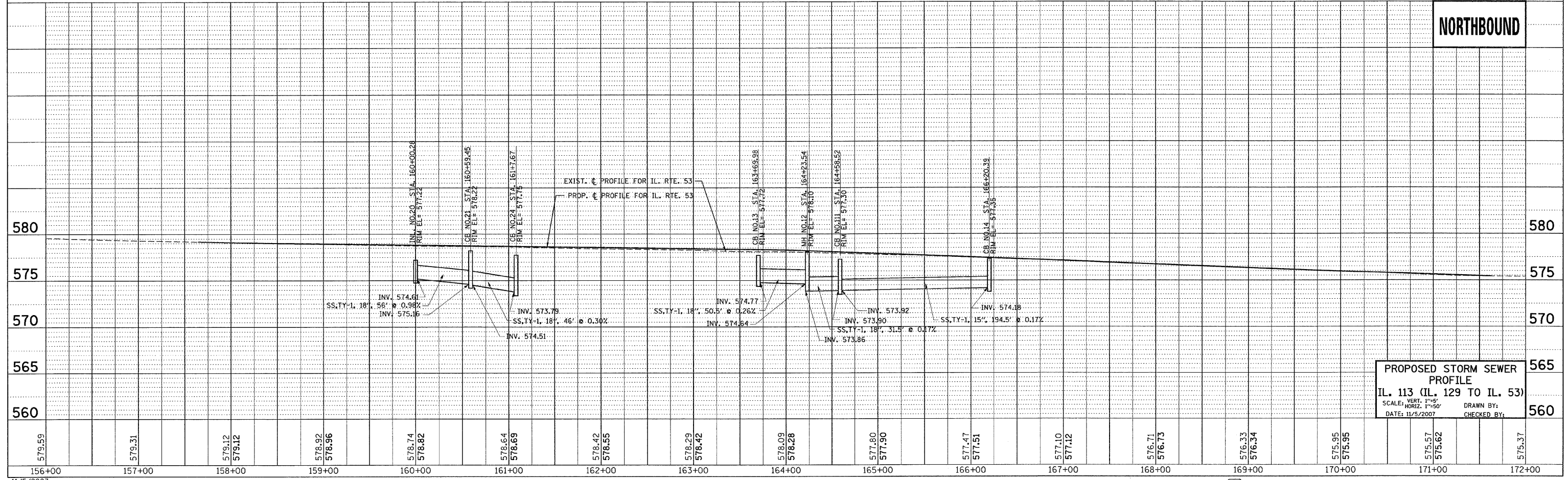
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2320	113X-N	WILL	133	59
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PLAN	SUBMITTED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		



SOUTHBOUND

PROFILE	SUBMITTED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		



NORTHBOUND

PROPOSED STORM SEWER PROFILE
 IL. 113 (IL. 129 TO IL. 53)
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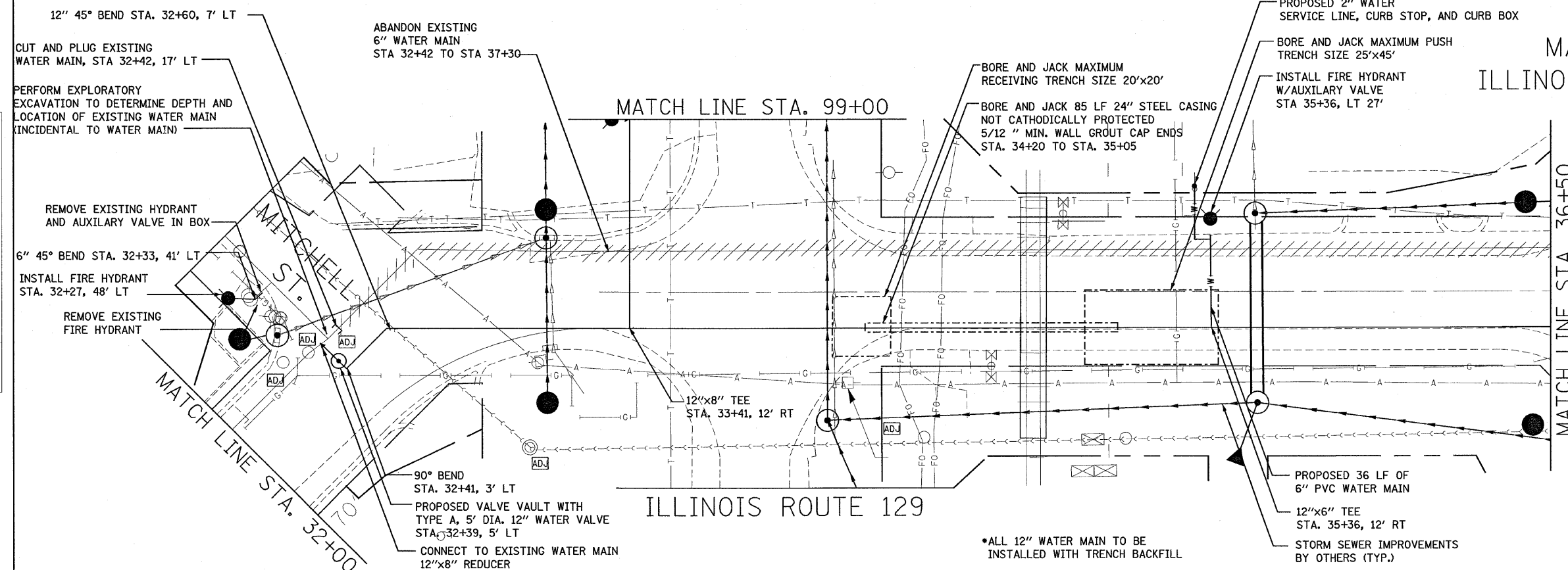
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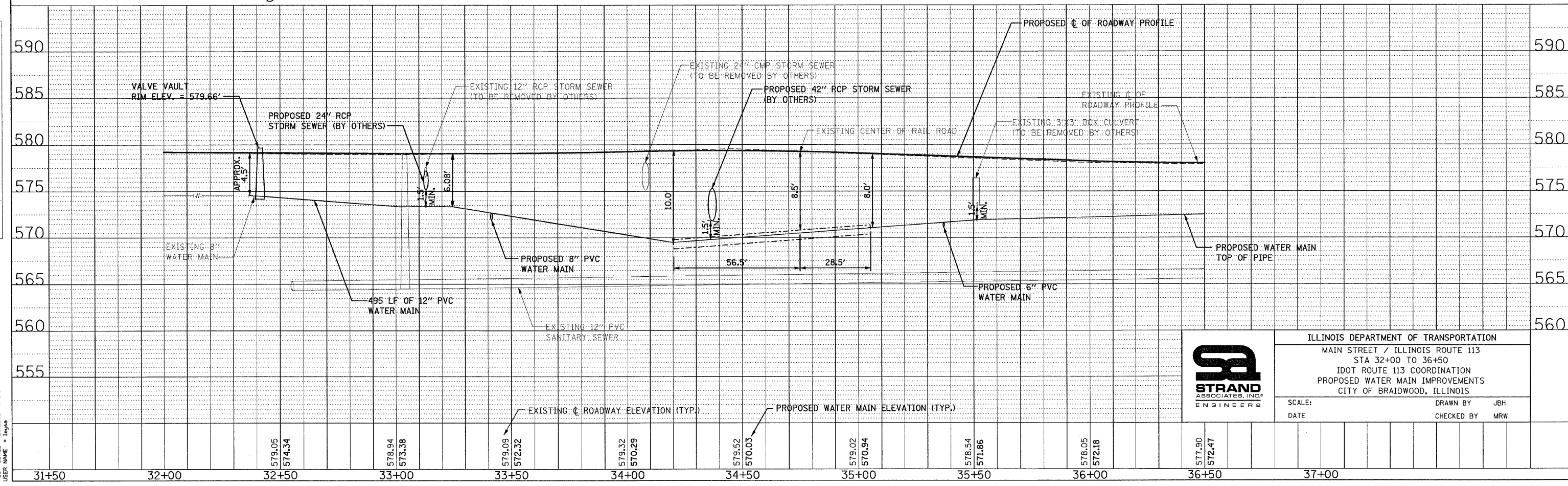
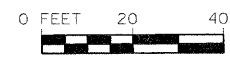
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			133	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MAIN ST.
ILLINOIS ROUTE 113



LEGEND

	VALVE VAULT
	WATER VALVE
	FIRE HYDRANT
	WATER MAIN
	WATER MAIN IN STEEL CASING
	PLUG AND STUB OF WATER MAIN
	CURB REMOVAL
	ADJUST WATER VALVE OR MANHOLE
	BORE AND JACK OF WATER MAIN
	BORE AND JACK PUSH OR RECEIVING TRENCH



ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAIN STREET / ILLINOIS ROUTE 113
 STA 32+00 TO 36+50
 IDOT ROUTE 113 COORDINATION
 PROPOSED WATER MAIN IMPROVEMENTS
 CITY OF BRAIDWOOD, ILLINOIS

SCALE: DATE: DRAWN BY: JBH CHECKED BY: MRW

PLAN

DATE	BY
SURVEYED	ALIGNED
CHECKED	CHECKED
NOTE BOOK NO.	RT. OF WAY CHECKED NO.
	ROAD FILE NAME

PROFILE

DATE	BY
SURVEYED	GRADES
CHECKED	NOTED
NOTE BOOK NO.	STRUCTURE NOTATIONS OFFD

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			133	61

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

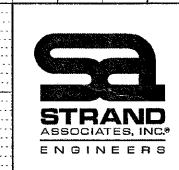
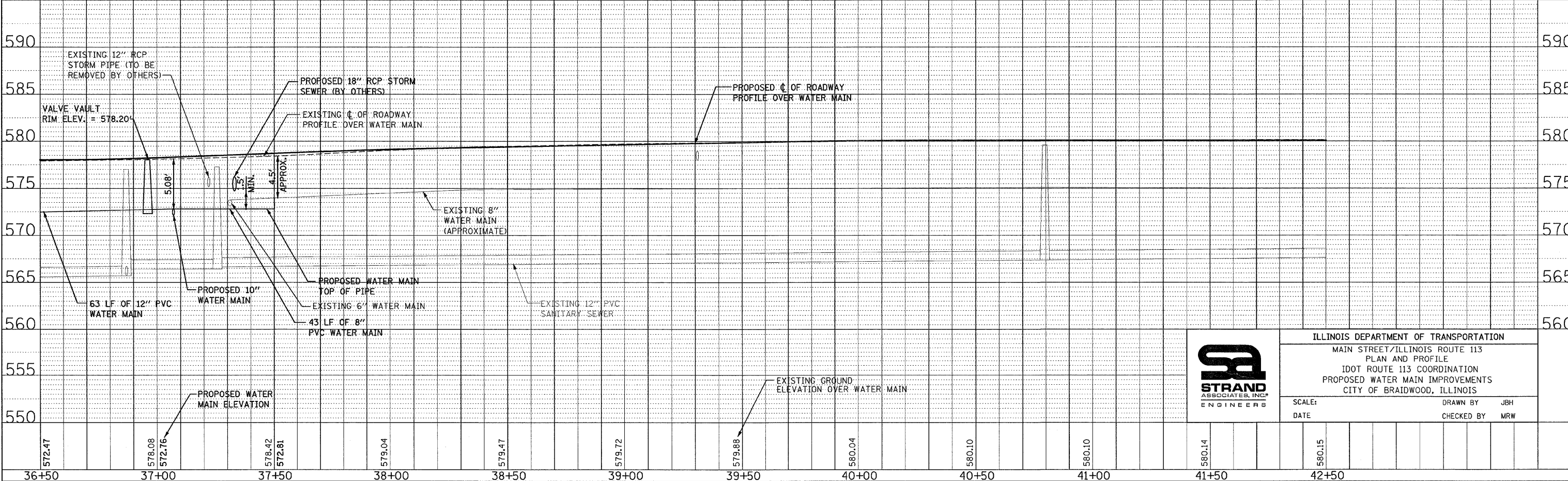
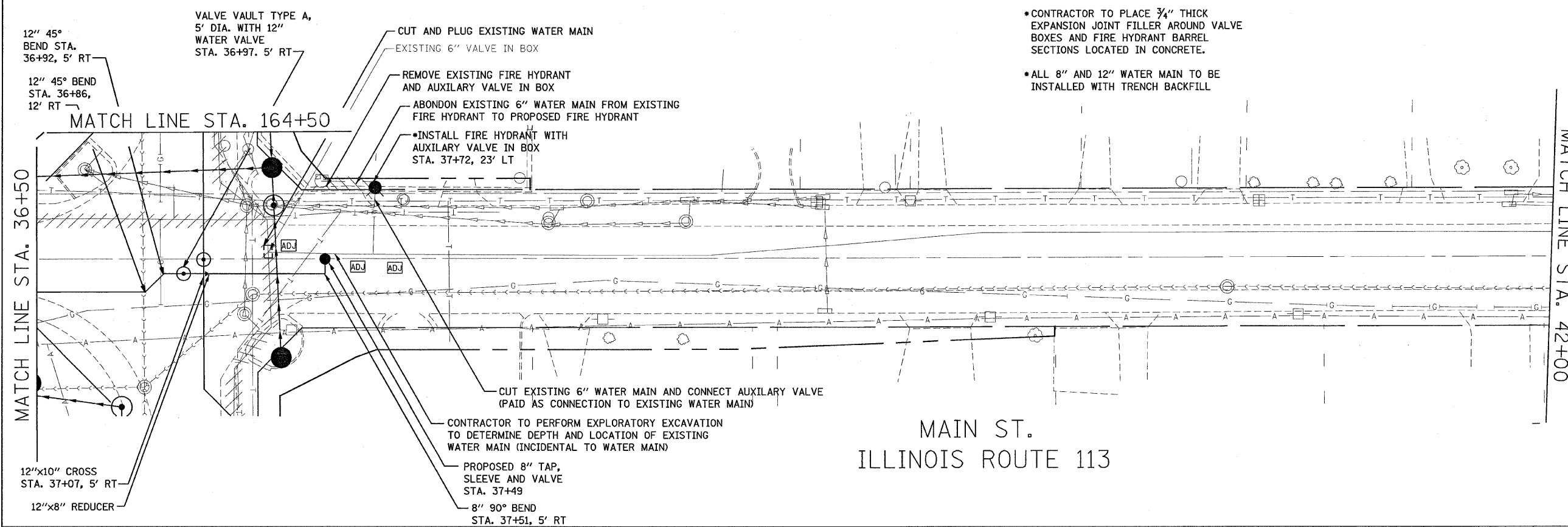
- CONTRACTOR TO PLACE 3/4" THICK EXPANSION JOINT FILLER AROUND VALVE BOXES AND FIRE HYDRANT BARREL SECTIONS LOCATED IN CONCRETE.
- ALL 8" AND 12" WATER MAIN TO BE INSTALLED WITH TRENCH BACKFILL

LEGEND

	VALVE VAULT
	WATER VALVE
	FIRE HYDRANT
	WATER MAIN
	WATER MAIN IN STEEL CASING
	PLUG AND STUB OF WATER MAIN
	CURB REMOVAL
	ADJUST WATER VALVE OR MANHOLE
	BORE AND JACK OF WATER MAIN
	BORE AND JACK PUSH OR RECEIVING TRENCH



MAIN ST.
ILLINOIS ROUTE 113



ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAIN STREET/ILLINOIS ROUTE 113
 PLAN AND PROFILE
 IDOT ROUTE 113 COORDINATION
 PROPOSED WATER MAIN IMPROVEMENTS
 CITY OF BRAIDWOOD, ILLINOIS

SCALE: DATE
 DRAWN BY: JBH
 CHECKED BY: MRW

PLAN

DATE	BY	REVISION

NO. _____

PROFILE

DATE	BY	REVISION

NO. _____

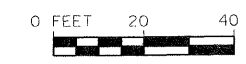
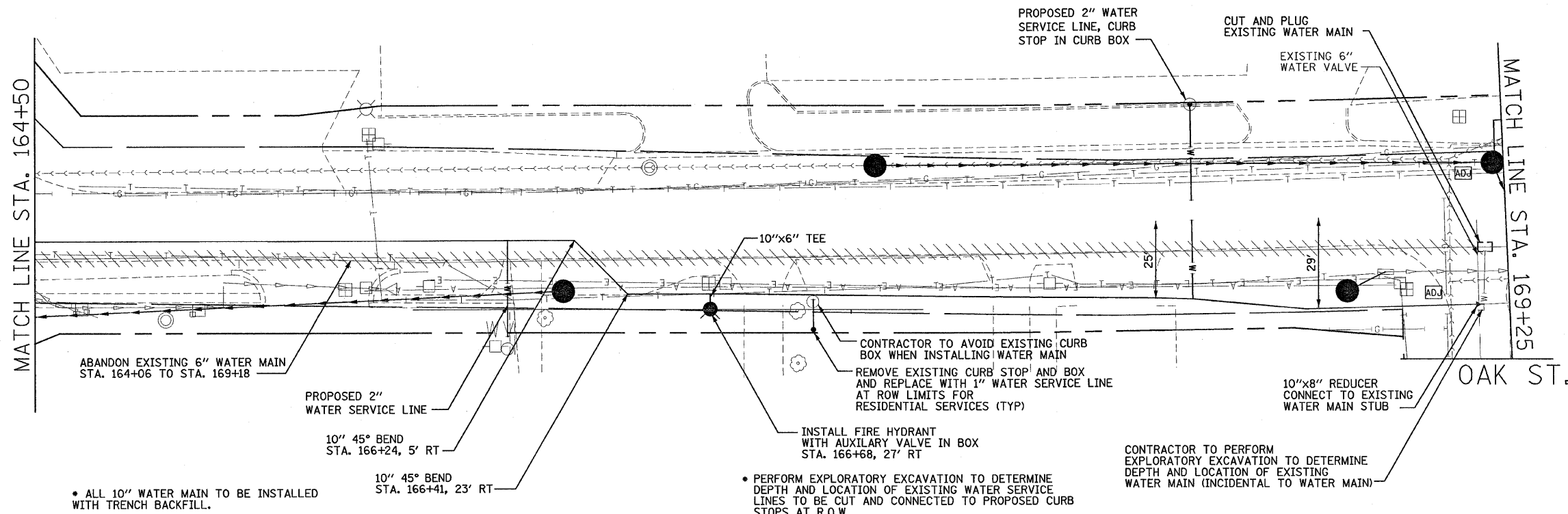
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

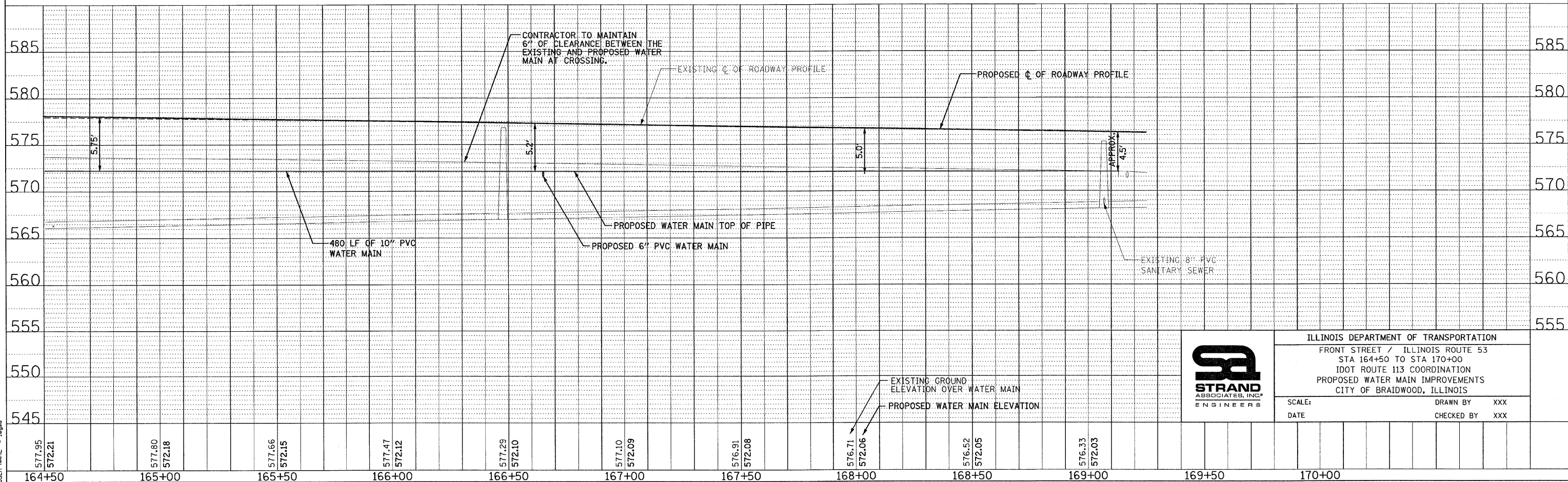
LEGEND

	VALVE VAULT
	WATER VALVE
	FIRE HYDRANT
	WATER MAIN
	WATER MAIN IN STEEL CASING
	PLUG AND STUB OF WATER MAIN
	CURB REMOVAL
	ADJUST WATER VALVE OR MANHOLE
	BORE AND JACK OF WATER MAIN
	BORE AND JACK PUSH OR RECEIVING TRENCH

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED CHECKED	
NO.	RT. OF WAY CHECKED	
	ROAD FILE NAME	



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



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FRONT STREET / ILLINOIS ROUTE 53
 STA 164+50 TO STA 170+00
 IDOT ROUTE 113 COORDINATION
 PROPOSED WATER MAIN IMPROVEMENTS
 CITY OF BRAIDWOOD, ILLINOIS

SCALE: _____ DRAWN BY: XXX
 DATE: _____ CHECKED BY: XXX

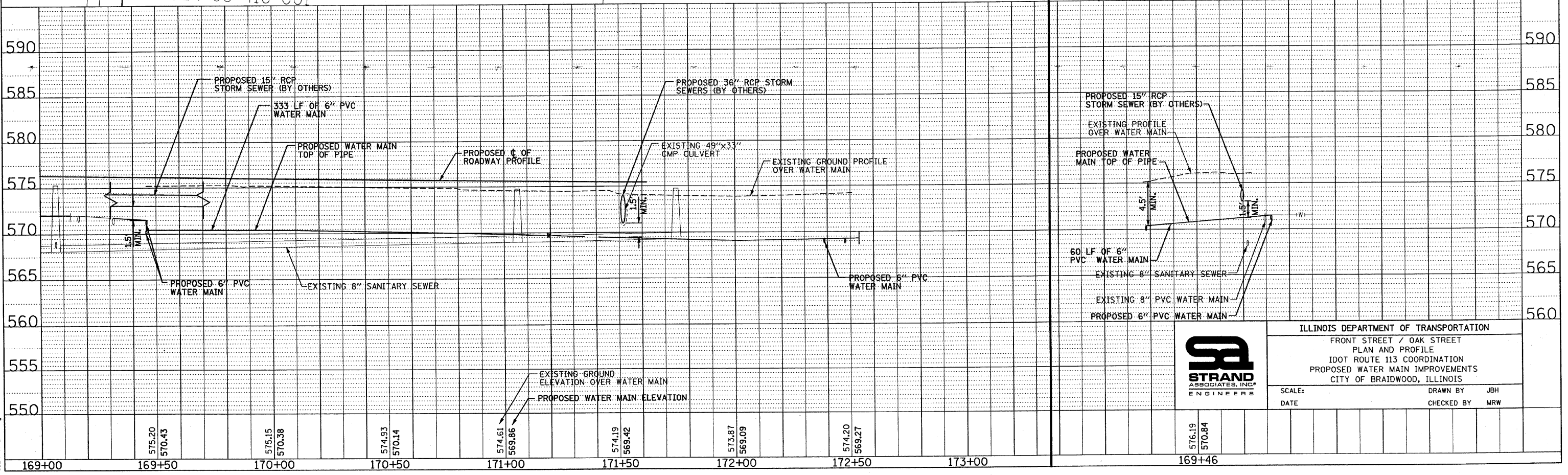
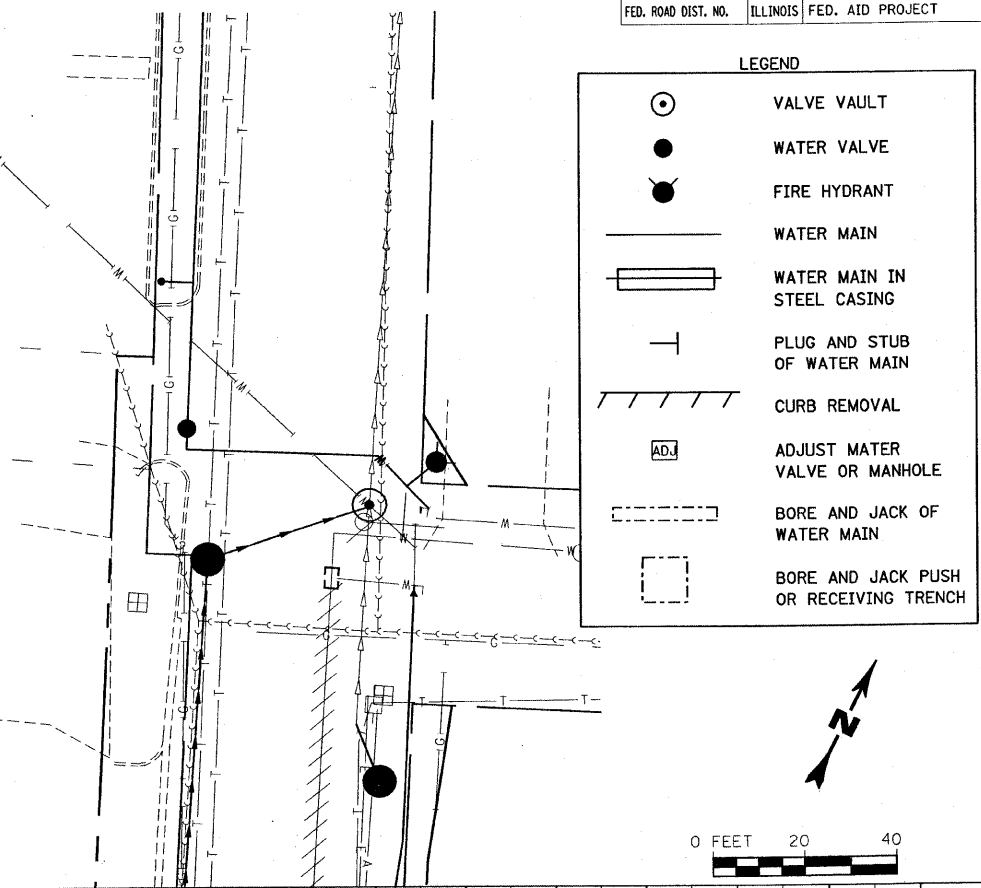
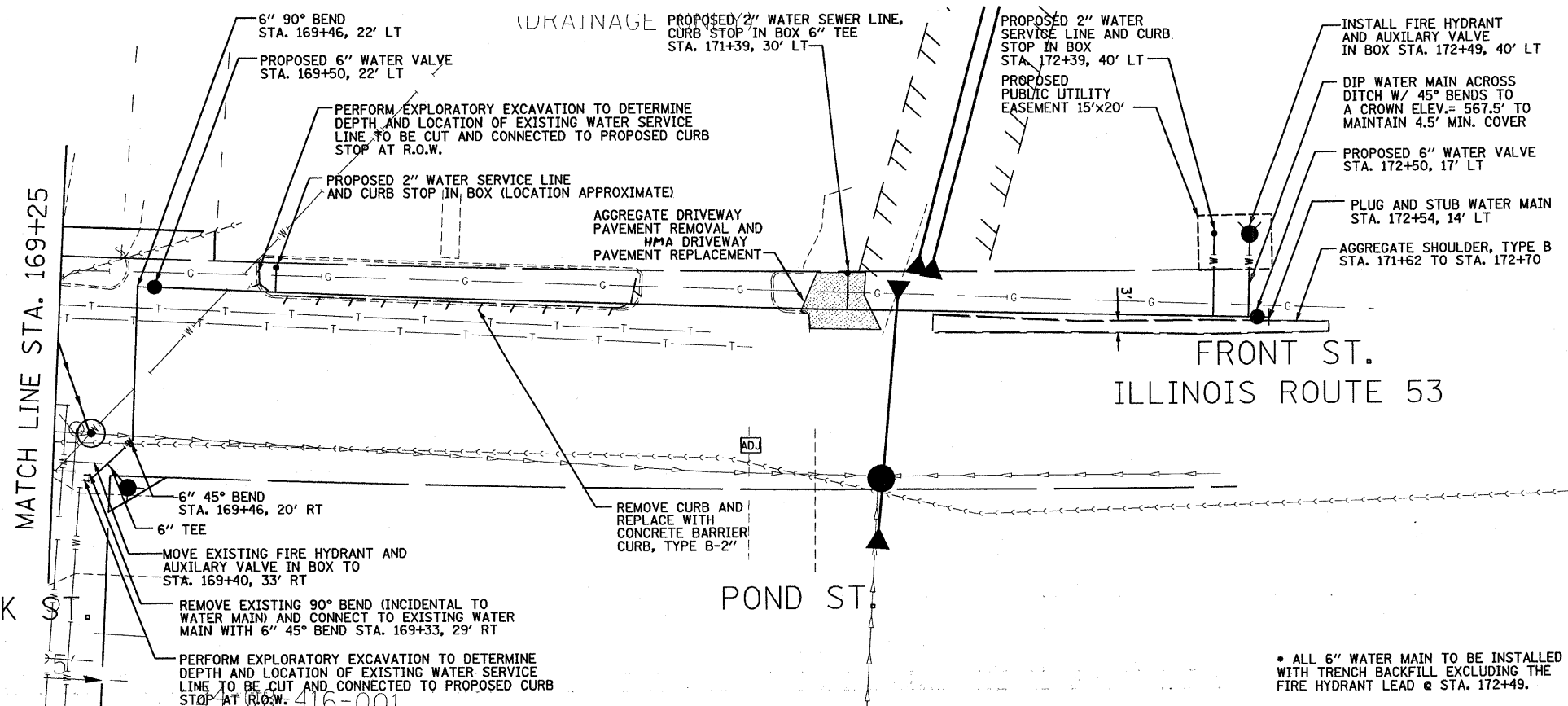
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 USER NAME = jaygo

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	Will	133	64
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
PLAN	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
DATE	
BY	
DATE	
BY	

DATE	
BY	
PROFILE	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
DATE	
BY	
DATE	
BY	

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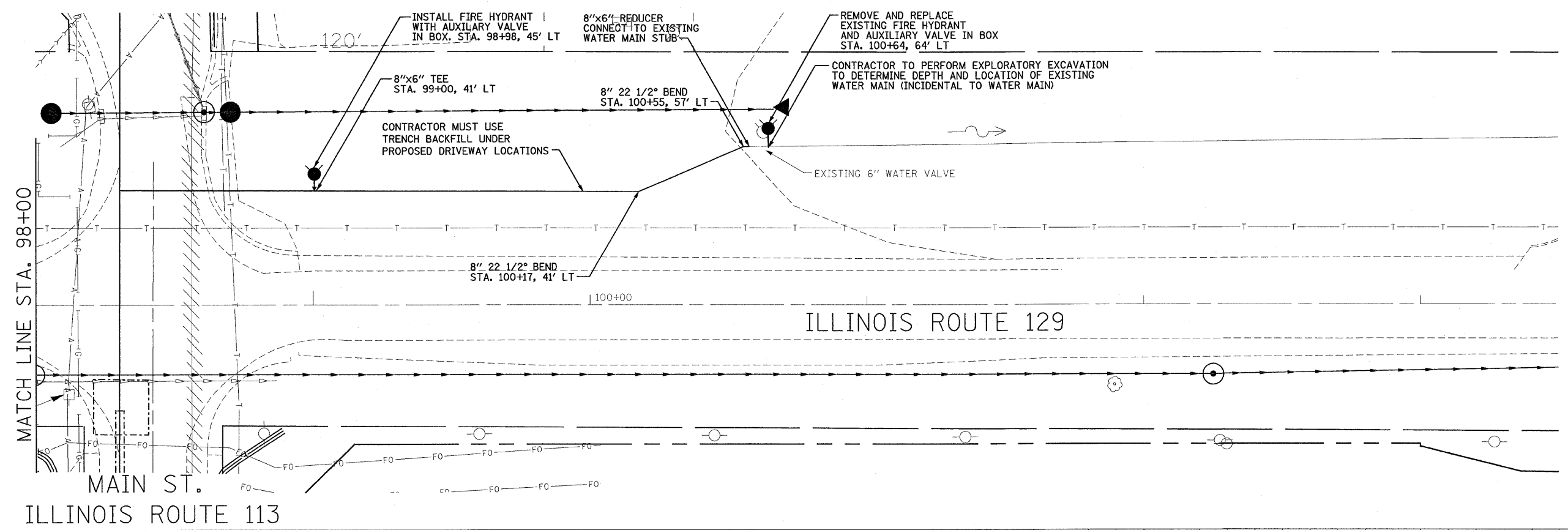
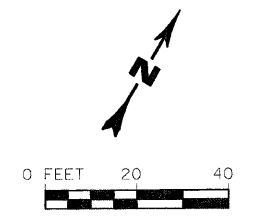


ILLINOIS DEPARTMENT OF TRANSPORTATION
 FRONT STREET / OAK STREET
 PLAN AND PROFILE
 IDOT ROUTE 113 COORDINATION
 PROPOSED WATER MAIN IMPROVEMENTS
 CITY OF BRAIDWOOD, ILLINOIS

SCALE: _____ DRAWN BY: JBH
 DATE: _____ CHECKED BY: MRW

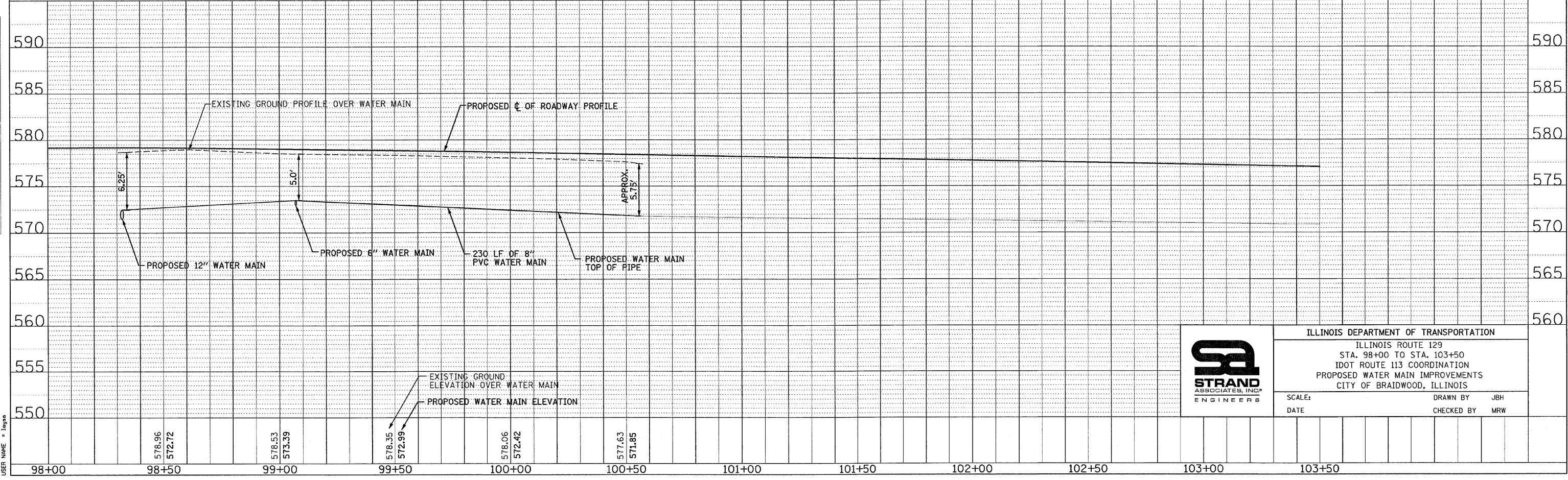
CONTRACT NO.			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
2320	113A-V	Will	133 65
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

LEGEND	
	VALVE VAULT
	WATER VALVE
	FIRE HYDRANT
	WATER MAIN
	WATER MAIN IN STEEL CASING
	PLUG AND STUB OF WATER MAIN
	CURB REMOVAL
	ADJUST WATER VALVE OR MANHOLE
	BORE AND JACK OF WATER MAIN
	BORE AND JACK PUSH OR RECEIVING TRENCH

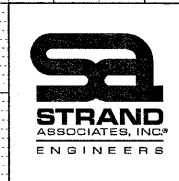


DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



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 USER NAME = jayga



ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 129
 STA. 98+00 TO STA. 103+50
 IDOT ROUTE 113 COORDINATION
 PROPOSED WATER MAIN IMPROVEMENTS
 CITY OF BRAIDWOOD, ILLINOIS

SCALE: DATE: DRAWN BY: JBH
 CHECKED BY: MRW

PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320 (IL 113)	113X-N	WILL	13	66
STATION 34+50		TO STATION 36+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

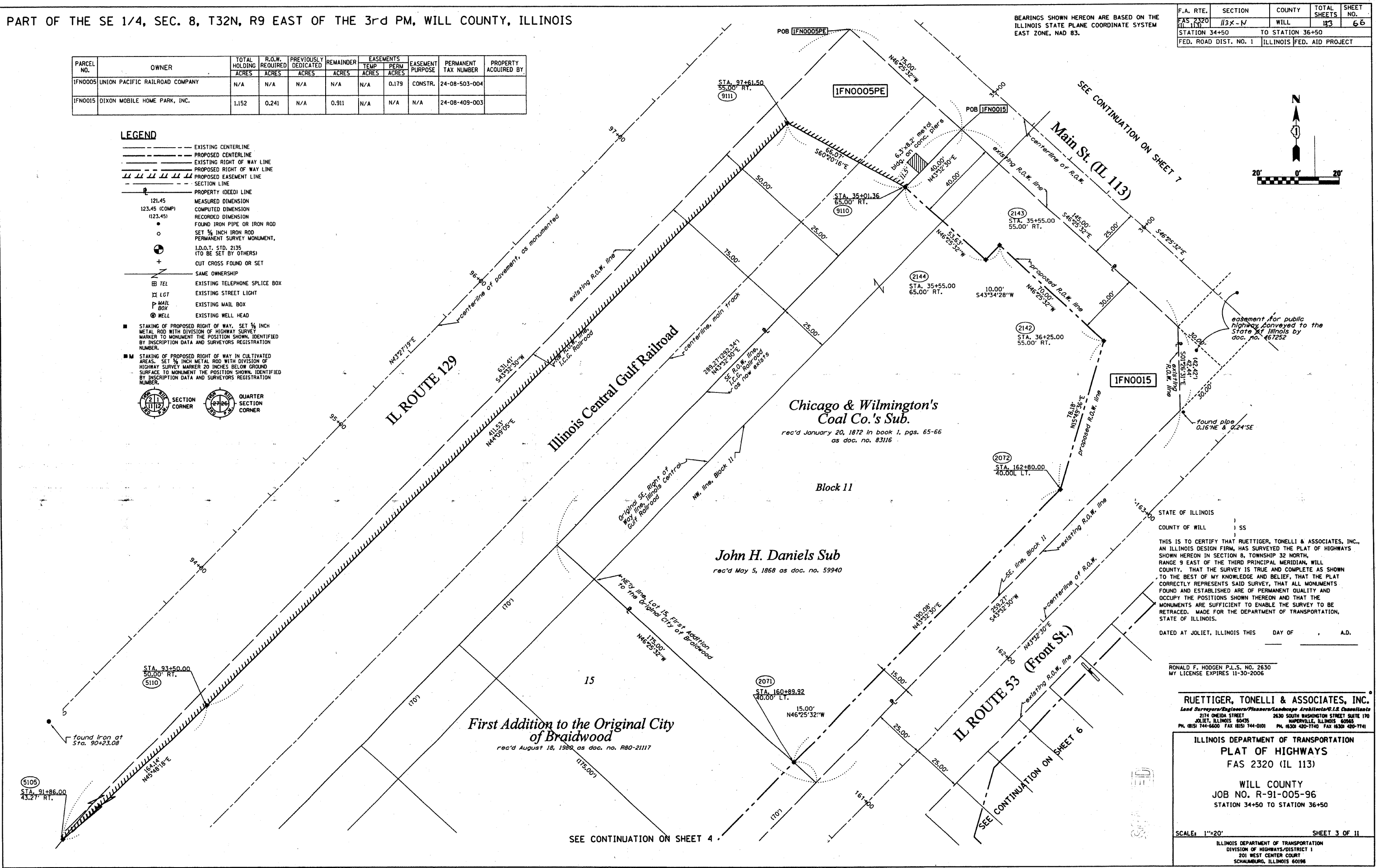
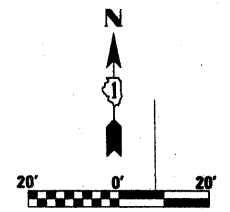
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
IFN0005	UNION PACIFIC RAILROAD COMPANY	N/A	N/A	N/A	N/A	N/A	0.179	CONSTR.	24-08-503-004	
IFN0015	DIXON MOBILE HOME PARK, INC.	1.152	0.241	N/A	0.911	N/A	N/A	N/A	24-08-409-003	

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/4 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.



STATE OF ILLINOIS
 COUNTY OF WILL) SS
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JOLIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RONALD F. HODGEN P.L.S. NO. 2830
 MY LICENSE EXPIRES 11-30-2006
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/I.S. Consultants
 2174 ODEIDA STREET JOLIET, ILLINOIS 60435
 2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60563
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAS 2320 (IL 113)
 WILL COUNTY
 JOB NO. R-91-005-96
 STATION 34+50 TO STATION 36+50
 SCALE: 1"=20' SHEET 3 OF 11
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT
 SCHMIDGALL, ILLINOIS 60196

PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320	1133-N	WILL	133	67
STATION 34+50		TO STATION 36+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

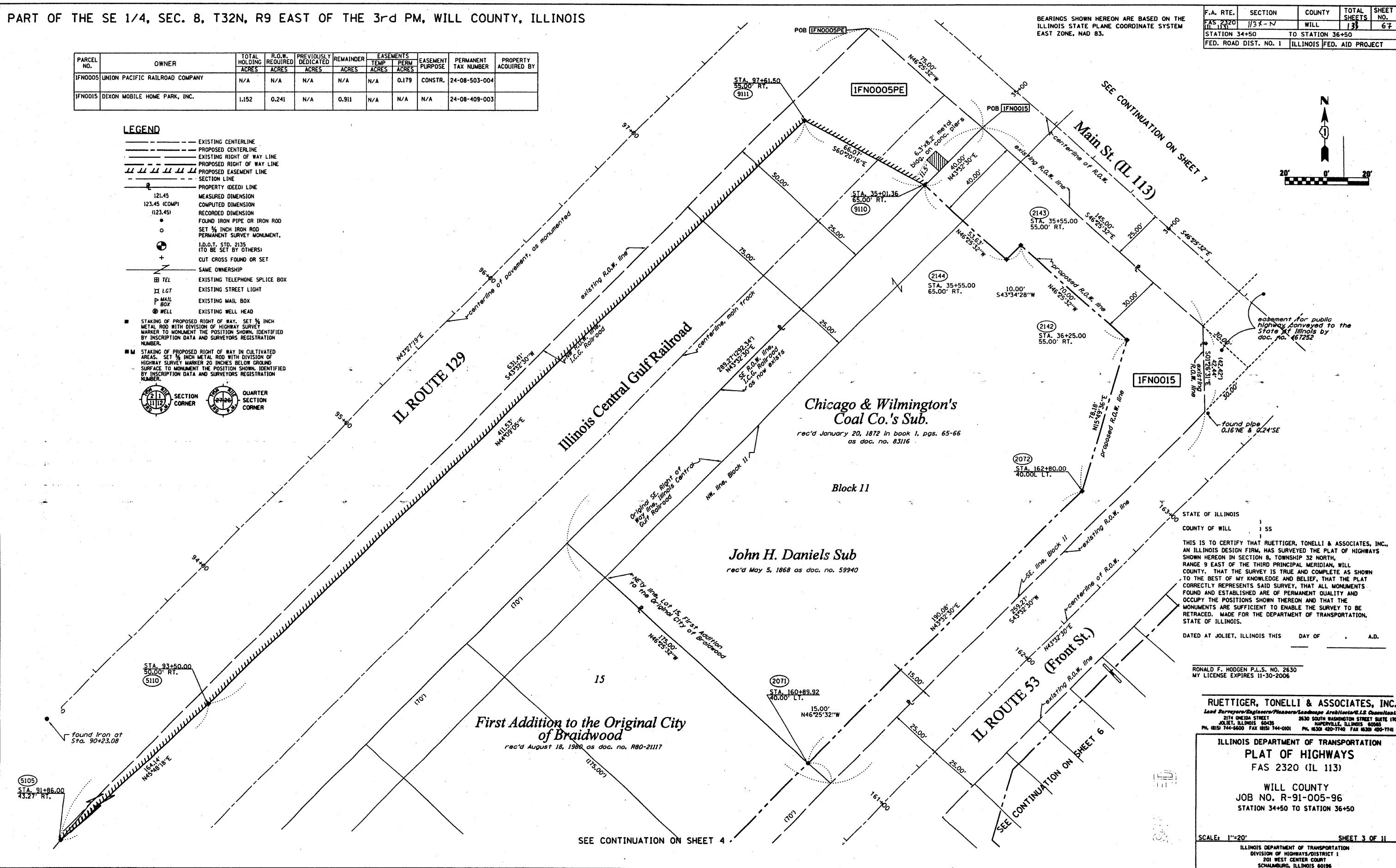
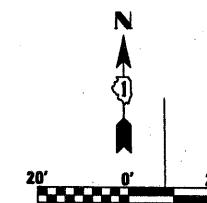
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
IFN0005	UNION PACIFIC RAILROAD COMPANY	N/A	N/A	N/A	N/A	N/A	0.179	CONSTR.	24-08-503-004	
IFN0015	DIXON MOBILE HOME PARK, INC.	1.152	0.241	N/A	0.911	N/A	N/A	N/A	24-08-409-003	

LEGEND

- EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/4 INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 1/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 1/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.



STATE OF ILLINOIS
 COUNTY OF WILL) SS
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JULIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RONALD F. HODGEN P.L.S. NO. 2630
 MY LICENSE EXPIRES 11-30-2006

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Lead Surveyors/Engineers/Planners/Landscape Architects/L.S. Consultants
 2174 ONEIDA STREET
 JULIET, ILLINOIS 60455
 2630 SOUTH WASHINGTON STREET SUITE 130
 HAWKERSVILLE, ILLINOIS 60142
 PH: (815) 744-8600 FAX: (815) 744-0101 PH: (630) 420-1740 FAX: (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAS 2320 (IL 113)
 WILL COUNTY
 JOB NO. R-91-005-96
 STATION 34+50 TO STATION 36+50
 SCALE: 1"=20'
 SHEET 3 OF 11
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS, DISTRICT 1
 201 WEST CENTER COURT
 SCHUMBERG, ILLINOIS 60196

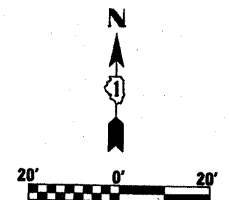
PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320 (IL 113)	113X-N	WILL	133	68
STATION 157+00		TO STATION 161+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

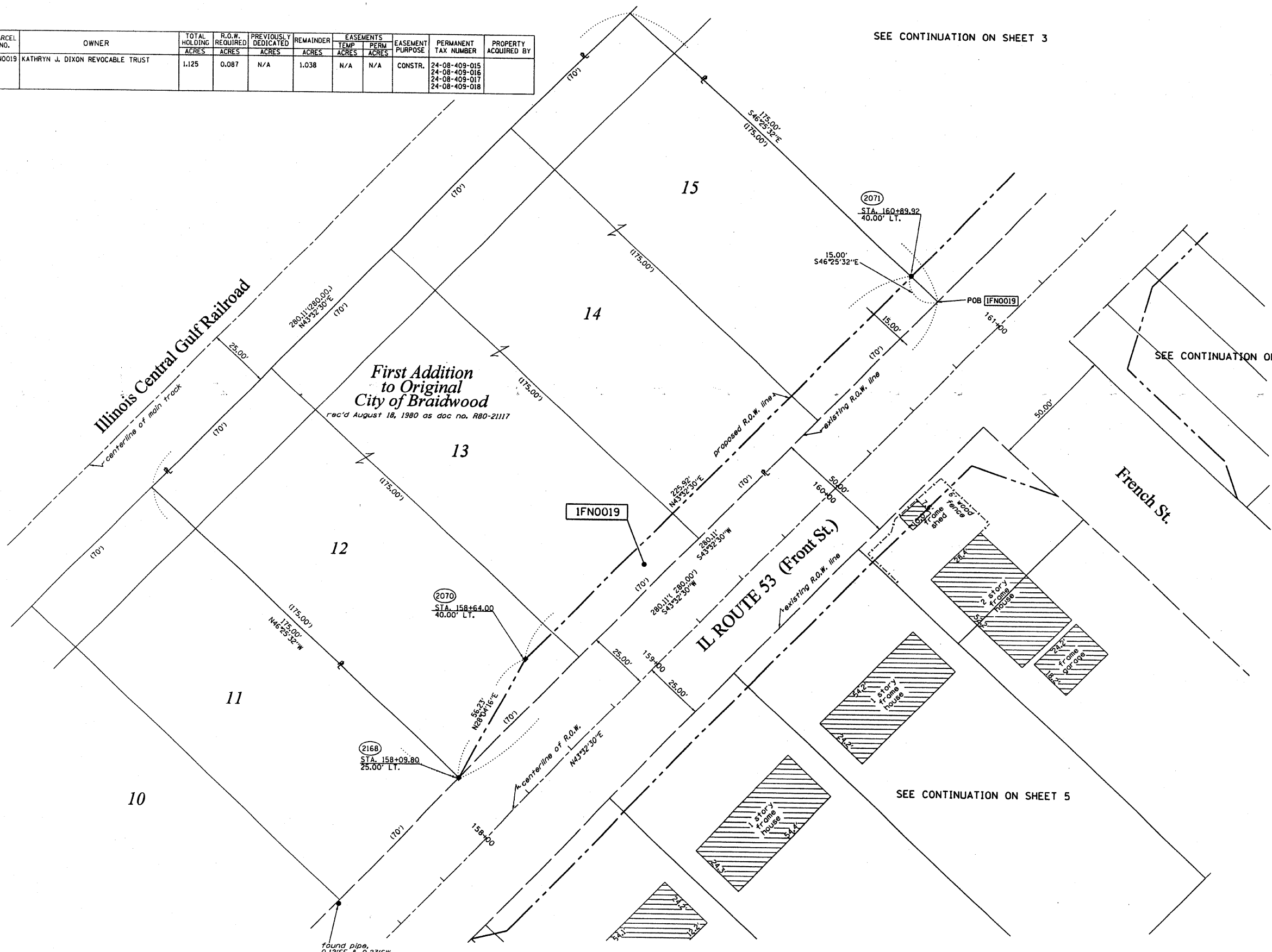
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
IFN0019	KATHRYN J. DIXON REVOCABLE TRUST	1.125	0.087	N/A	1.038	N/A	N/A	CONSTR.	24-08-409-015 24-08-409-016 24-08-409-017 24-08-409-018	

SEE CONTINUATION ON SHEET 3



LEGEND

- EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- ||| PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/4" IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPlice BOX
- LGT EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/4" INCH METAL ROD WITH DIVISION OF HIGHWAY 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, SET 3/4" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



SEE CONTINUATION ON SHEET 6

SEE CONTINUATION ON SHEET 5

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 JOLIET, ILLINOIS THIS ___ DAY OF ___ A.D.

RONALD F. HODGEN P.L.S. NO. 2630
MY LICENSE EXPIRES 11-30-2006

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 ONEIDA STREET | 2630 SOUTH WASHINGTON STREET SUITE 170
JOLIET, ILLINOIS 60435 | HAWKINSVILLE, ILLINOIS 60565
PH. (815) 744-6400 FAX (815) 744-0101 | PH. (630) 400-7740 FAX (630) 400-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAS 2320 (IL 113)
WILL COUNTY
JOB NO. R-91-005-96
STATION 157+00 TO STATION 161+00

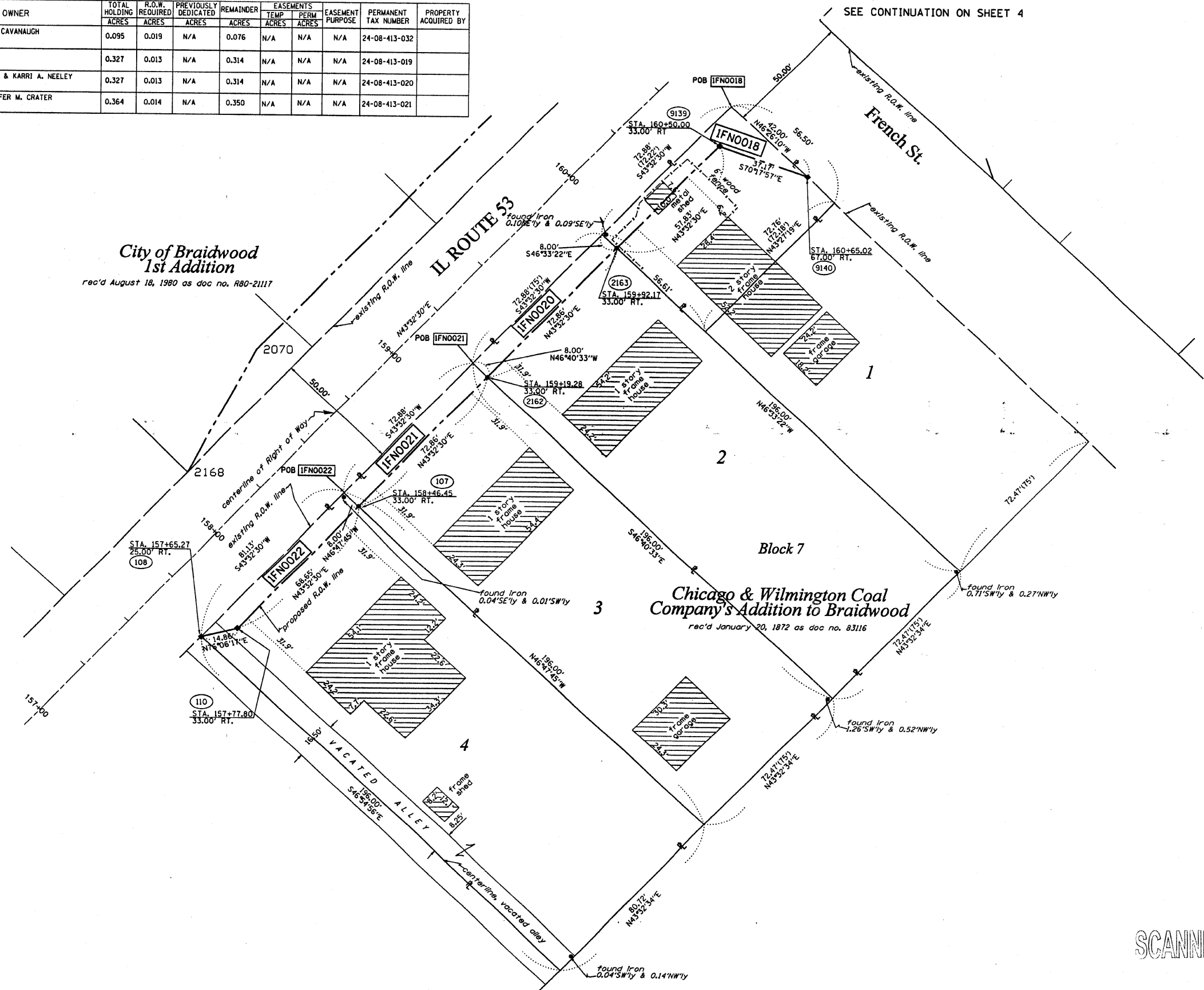
SCALE: 1"=20' SHEET 4 OF 11
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT
SCHAMLUNBURG, ILLINOIS 60196

PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320 (IL 113)	113X-N	WILL	131	69
STATION 157+00		TO STATION 161+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	TEMP ACRES	PERM ACRES			
IFN0018	JOHN & SHIRLEY CAVANAUGH	0.095	0.019	N/A	0.076	N/A	N/A	N/A	24-08-413-032	
IFN0020	LOREAN LIKAVEC	0.327	0.013	N/A	0.314	N/A	N/A	N/A	24-08-413-019	
IFN0021	JERRY W. NEELEY & KARRI A. NEELEY	0.327	0.013	N/A	0.314	N/A	N/A	N/A	24-08-413-020	
IFN0022	KURT D. & JENNIFER M. CRATER	0.364	0.014	N/A	0.350	N/A	N/A	N/A	24-08-413-021	



LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (1123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

SECTION CORNER (21) QUARTER SECTION CORNER (2700)

STATE OF ILLINOIS)
 COUNTY OF WILL) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JULIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RECEIVED
 JUN 4 2006
 PLATS & LEGALS

RONALD F. HODGEN P.L.S. NO. 2630
 MY LICENSE EXPIRES 11-30-2006

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 214 ONEIDA STREET JULIET, ILLINOIS 60435
 2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAS 2320 (IL 113)

WILL COUNTY
 JOB NO. R-91-005-96
 STATION 157+00 TO STATION 161+00

SCALE: 1"=20' SHEET 5 OF 11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT
 SCHAMBERG, ILLINOIS 60196

SCANNED

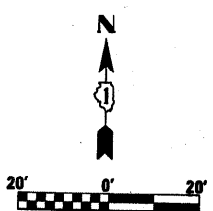
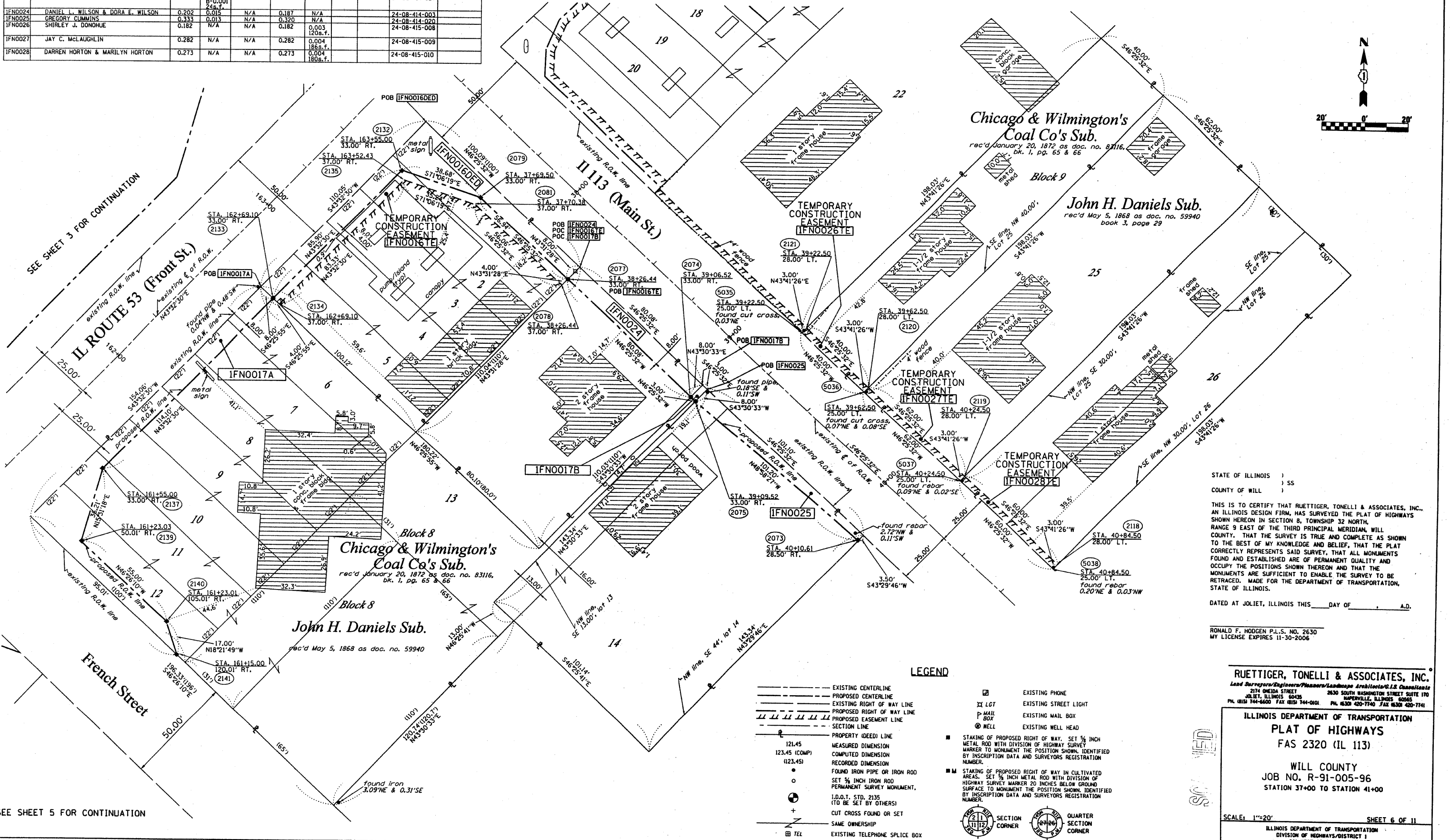
PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP PERM ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IFN0016	HORIZON PROPERTIES II, L.L.C.	0.253	0.044	N/A	0.253	0.016			24-08-414-002	
IFN0017	ISMAIL AJRULOSKI	0.692	A-0.049 B-0.001 246.7	N/A	0.642	N/A			24-08-414-027	
IFN0024	DANIEL L. WILSON & DORA E. WILSON	0.202	0.015	N/A	0.187	N/A			24-08-414-003	
IFN0025	GREGORY CUMMINS	0.333	0.013	N/A	0.320	N/A			24-08-414-020	
IFN0026	SHIRLEY J. DONOHUE	0.182	N/A	N/A	0.182	0.003 120s.f.			24-08-415-008	
IFN0027	JAY C. McLAUGHLIN	0.282	N/A	N/A	0.282	0.004 186s.f.			24-08-415-009	
IFN0028	DARREN HORTON & MARILYN HORTON	0.273	N/A	N/A	0.273	0.004 186s.f.			24-08-415-010	

BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320	113-N	WILL	131	70
STATION 37+00		TO STATION 41+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SEE SHEET 7 FOR CONTINUATION



SEE SHEET 3 FOR CONTINUATION

IL ROUTE 53 (Front St.)
existing R.O.W. line
existing R.O.W. line
proposed R.O.W. line

Chicago & Wilmington's Coal Co's Sub.
rec'd January 20, 1872 as doc. no. 83116, bk. 1, pg. 65 & 66

John H. Daniels Sub.
rec'd May 5, 1868 as doc. no. 59940

Chicago & Wilmington's Coal Co's Sub.
rec'd January 20, 1872 as doc. no. 83116, bk. 1, pg. 65 & 66

John H. Daniels Sub.
rec'd May 5, 1868 as doc. no. 59940 book 3, page 29

STATE OF ILLINOIS)
COUNTY OF WILL) SS
THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JOLIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RONALD F. HODGEN P.L.S. NO. 2630
MY LICENSE EXPIRES 11-30-2006

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD
- IDENTIFIED SURVEY MONUMENT, I.D.O.I. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- BI TEL EXISTING TELEPHONE SPLICE BOX
- ☐ EXISTING PHONE
- LG LGT EXISTING STREET LIGHT
- P MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- SECTION CORNER
- QUARTER SECTION CORNER

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
274 ONEIDA STREET JOLIET, ILLINOIS 62435
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741
2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60540
PH. (630) 744-6600 FAX (630) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAS 2320 (IL 113)
WILL COUNTY
JOB NO. R-91-005-96
STATION 37+00 TO STATION 41+00

SCALE: 1"=20'
SHEET 6 OF 11

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT
SCHMIDT, ILLINOIS 60156

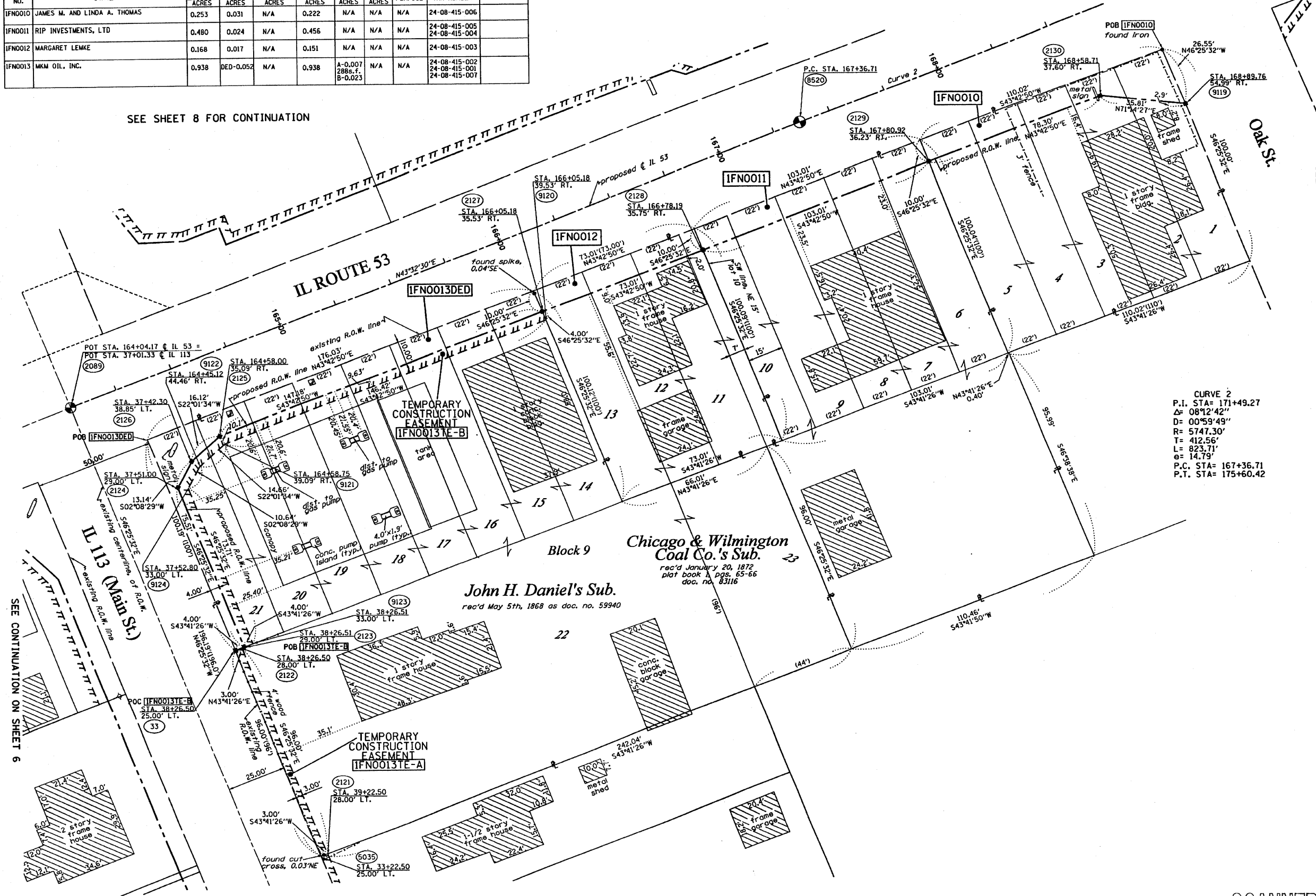
SEE SHEET 5 FOR CONTINUATION

PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

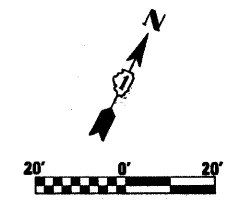
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320	113 X-N	WILL	133	71
STATION 163+00	TO STATION 169+00			
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IFN0010	JAMES M. AND LINDA A. THOMAS	0.253	0.031	N/A	0.222	N/A	N/A	N/A	24-08-415-006	
IFN0011	RIP INVESTMENTS, LTD	0.480	0.024	N/A	0.456	N/A	N/A	N/A	24-08-415-005 24-08-415-004	
IFN0012	MARGARET LEMKE	0.168	0.017	N/A	0.151	N/A	N/A	N/A	24-08-415-003	
IFN0013	MKN OIL, INC.	0.938	DED-0.052	N/A	0.938	A-0.007 288s. F. B-0.023	N/A	N/A	24-08-415-002 24-08-415-001 24-08-415-007	

SEE SHEET 8 FOR CONTINUATION



BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.



- LEGEND**
- EXISTING CENTERLINE
 - - - PROPOSED CENTERLINE
 - ==== PROPOSED RIGHT OF WAY LINE
 - EXISTING RIGHT OF WAY LINE
 - ===== PROPOSED EASEMENT LINE
 - SECTION LINE
 - PROPERTY (DEED) LINE
 - 121.45 MEASURED DIMENSION
 - 123.45 (COMP) COMPUTED DIMENSION
 - 123.45 (RCD) RECORDED DIMENSION
 - FOUND IRON PIPE OR IRON ROD
 - SET 1/2 INCH IRON ROD
 - PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 - ⊕ CUT CROSS FOUND OR SET
 - SAME OWNERSHIP
 - TEL EXISTING TELEPHONE SPLICE BOX
 - TEL EXISTING TELEPHONE
 - LGT EXISTING STREET LIGHT
 - MAIL EXISTING MAIL BOX
 - WELL EXISTING WELL HEAD
 - STAKING OF PROPOSED RIGHT OF WAY. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - SECTION CORNER
 - QUARTER SECTION CORNER

CURVE 2
 P.I. STA = 171+49.27
 Δ = 08°12'42"
 D = 00°59'49"
 R = 5747.30'
 T = 412.56'
 L = 823.71'
 g = 14.79'
 P.C. STA = 167+36.71
 P.T. STA = 175+60.42

STATE OF ILLINOIS)
 COUNTY OF WILL) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 PLAT TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RONALD F. HODGEN P.L.S. NO. 2630
 MY LICENSE EXPIRES 11-30-2006

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Lead Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
 214 OREGON STREET JOLIET, ILLINOIS 60435
 2830 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565
 PH (815) 744-6600 FAX (815) 744-0101 PH (630) 420-1740 FAX (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAS 2320 (IL 113)

WILL COUNTY
 JOB NO. R-91-005-96
 STATION 163+00 TO STATION 169+00

SCALE: 1"=20' SHEET 7 OF 11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT
 SCHAMBERG, ILLINOIS 60196

SHEET 1 OF -- IS A COVER SHEET AND IS NOT RECORDED
 RT&A 20042593/IL 113

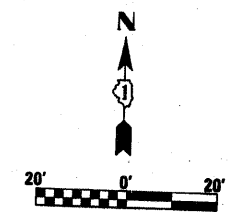


PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IFN0006	UNION PACIFIC RAILROAD COMPANY	N/A	N/A	N/A	N/A	A-0.002 1296.7 8-0.009 3008.7	0.143	CONSTR.	24-08-503-004	
IFN0014	KOTARA, LLC	1.929	0.0116 0.120	0.010	1.809	0.064	N/A	N/A	24-08-410-005 24-08-410-004	

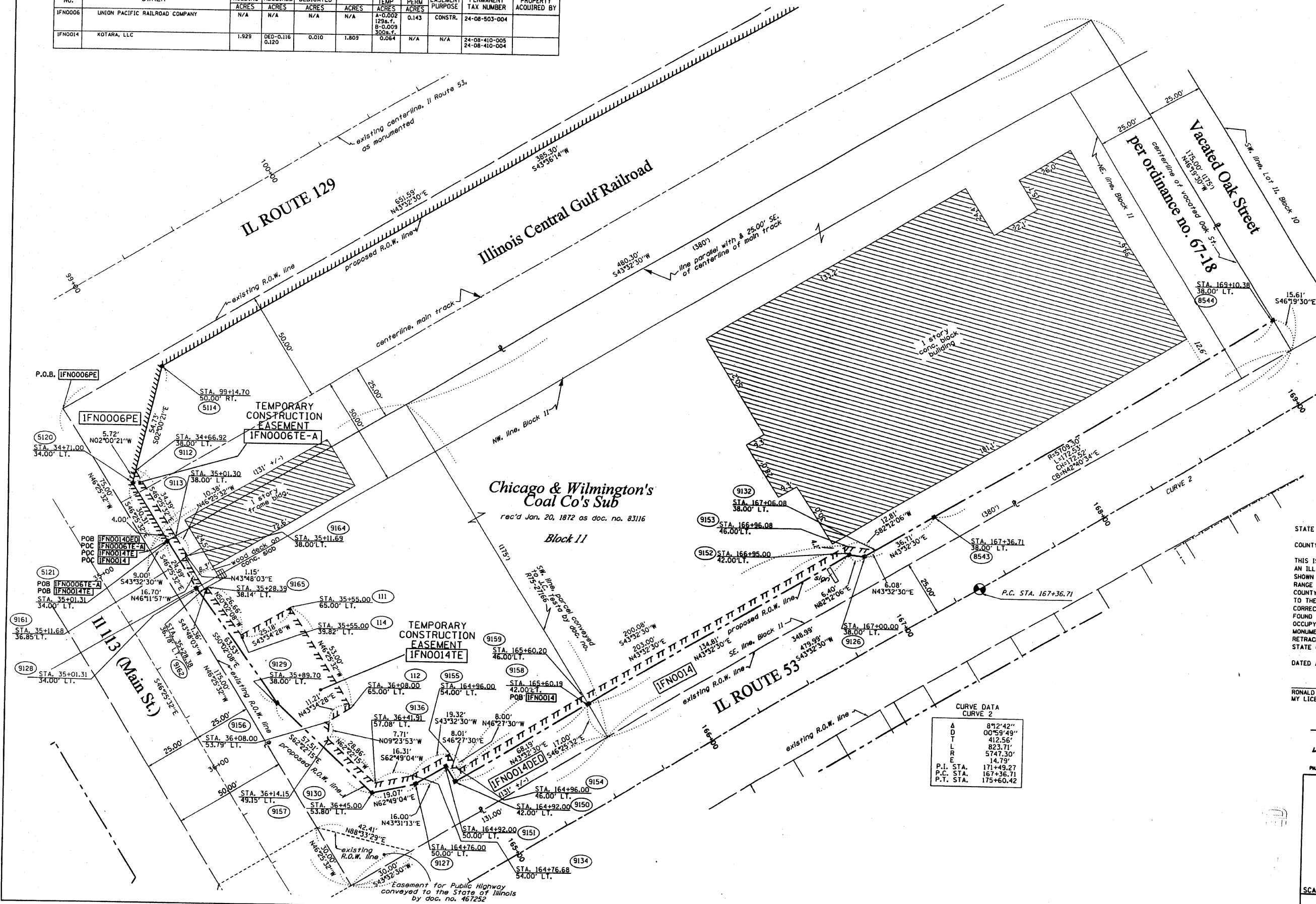
BEARINGS SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320 (IL 113)	113-N	WILL	122	72
STATION 164+00		TO STATION 170+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- EXISTING CENTERLINE
- - - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - - PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/4 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
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- SECTION CORNER
- QUARTER SECTION CORNER



STATE OF ILLINOIS))
 COUNTY OF WILL))

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JOLIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RONALD F. HODGEN P.L.S. NO. 2630
 MY LICENSE EXPIRES 11-30-2006

CURVE DATA
 CURVE 2

A	8°12'42"
D	00°59'49"
T	412.56'
L	823.71'
R	5747.30'
E	14.79'
P.I. STA.	171+49.27
P.C. STA.	167+36.71
P.T. STA.	175+60.42

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/C.L.S. Consultants
 2174 ONEDA STREET
 JOLIET, ILLINOIS 60435
 2630 SOUTH WASHINGTON STREET SUITE 170
 SUPERVILLE, ILLINOIS 60666
 PH. (815) 744-6500 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-1740

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAS 2320 (IL 113)

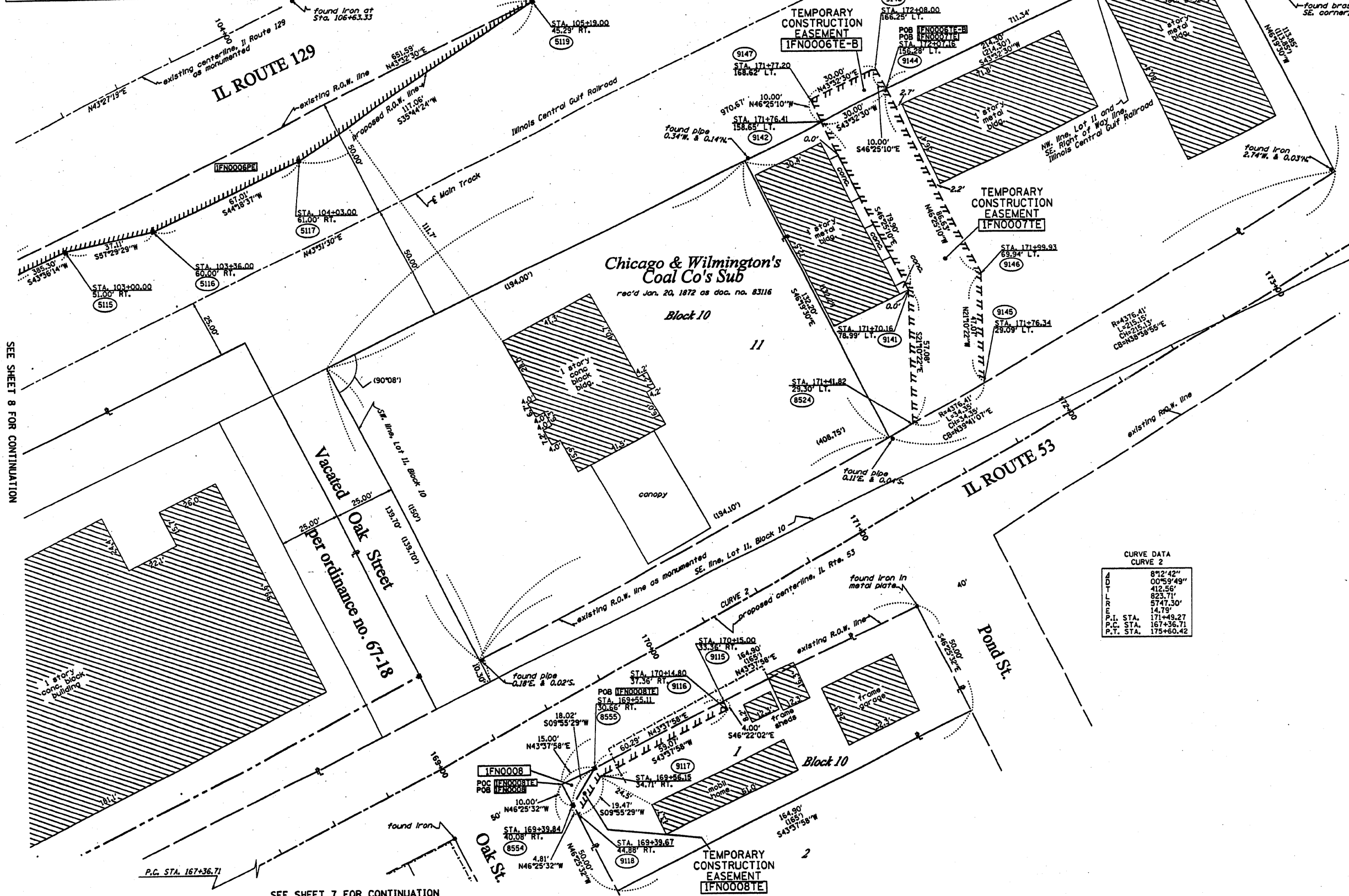
WILL COUNTY
 JOB NO. R-91-005-96
 STATION 164+00 TO STATION 170+00

SCALE: 1"=20' SHEET 8 OF 11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT
 SCHAMBERG, ILLINOIS 60196

PART OF THE SE 1/4, SEC. 8, T32N, R9 EAST OF THE 3rd PM, WILL COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IFN0006	Union Pacific Railroad Company	N/A	N/A	N/A	N/A	1-0.003 128-7- 8-0.007 3006-7	0.143 CONSTR.	24-08-503-004	
IFN0007	MARY JANE KENNEDY, TRUST NO. 1	0.610	N/A	N/A	0.610	0.093	N/A CONSTR.	24-08-410-002	
IFN0008	HOMER J. & CLAUDE M. WARREN	0.189	0.002 7546-7-1	N/A	0.187	0.007 3146-7-1	N/A	24-08-416-001	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2320	113X-N	WILL	133	73
STATION 169+00	TO STATION 174+00			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

- EXISTING CENTERLINE
- - - - PROPOSED CENTERLINE
- ==== EXISTING RIGHT OF WAY LINE
- - - - PROPOSED RIGHT OF WAY LINE
- ||||| PROPOSED EASEMENT LINE
- SECTION LINE

PROPERTY (DEED) LINE

- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/2 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- ≡ SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LOT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD

STAKING OF PROPOSED RIGHT OF WAY, SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY DESCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY DESCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

SECTION CORNER (21) QUARTER CORNER (25)

CURVE DATA
CURVE 2

POINT	STATIONING
B.P.	872+42"
P.T.	00°59'49"
P.C.	412.56'
P.T.	823.71'
P.I.	5747.30'
P.L. STA.	14.75'
P.C. STA.	171+49.27
P.T. STA.	167+36.71
P.T. STA.	175+60.42

STATE OF ILLINOIS)
COUNTY OF WILL) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 8, TOWNSHIP 32 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 JOLIET, ILLINOIS THIS _____ DAY OF _____ A.D.

RECEIVED
FEB 09 2005
PLATS & LEGALS

RONALD F. HODGEN P.L.S. NO. 2630
MY LICENSE EXPIRES 11-30-2006

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/LLS Consultants
2174 OHEDA STREET JOLIET, ILLINOIS 62408
2630 SOUTH WASHINGTON STREET SUITE 170 JOLIET, ILLINOIS 62408
PH. 815 744-6600 FAX 815 744-0101 PH. 815 620-1740 FAX 815 620-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS.
FAS 2320 (IL 113)

WILL COUNTY
JOB NO. R-91-005-96
STATION 169+00 TO STATION 174+00

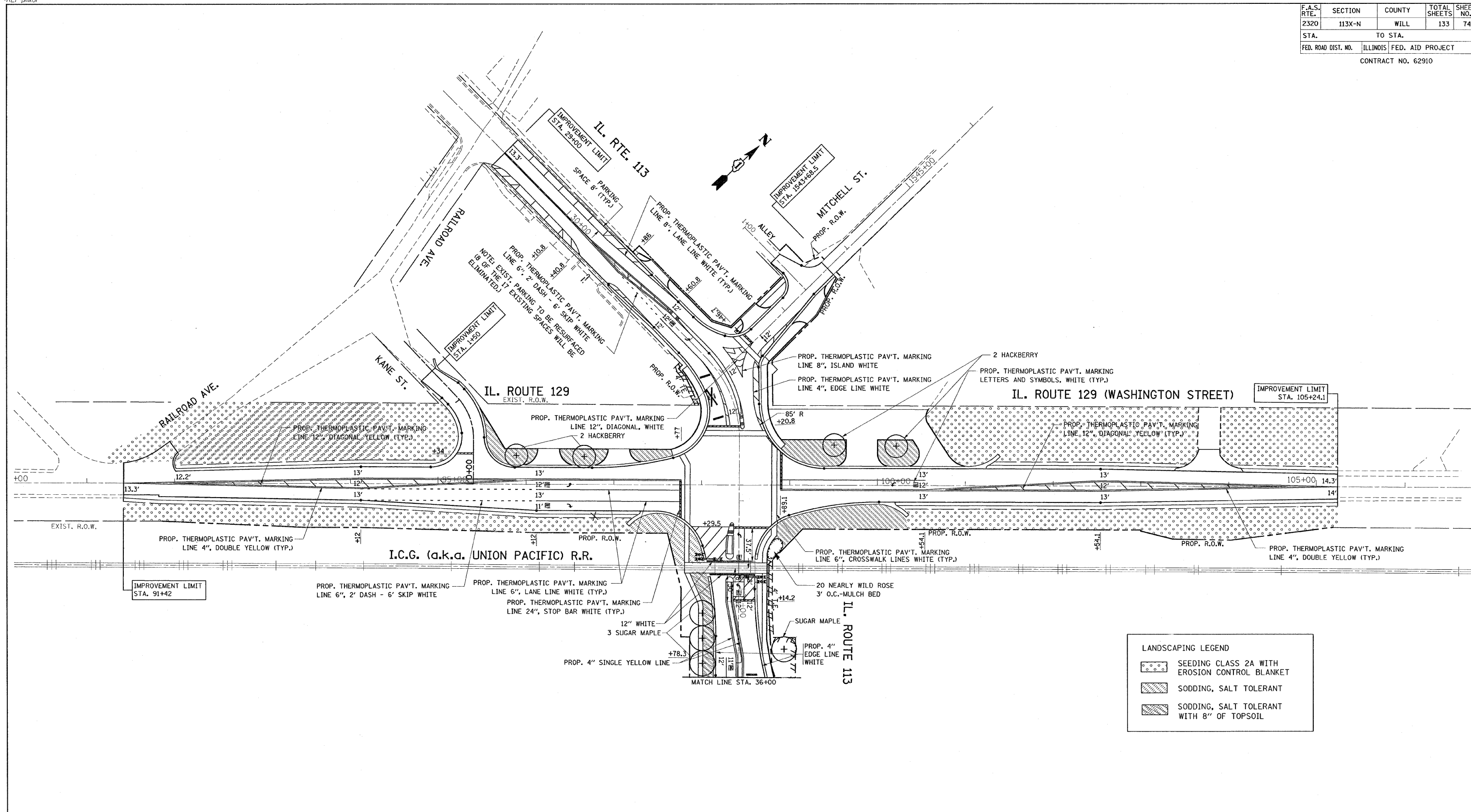
SCALE: 1"=20' SHEET 9 OF --

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT
SCHAMBERG, ILLINOIS 60196

SEE SHEET 8 FOR CONTINUATION

SEE SHEET 7 FOR CONTINUATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62910				



LANDSCAPING LEGEND

	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SODDING, SALT TOLERANT
	SODDING, SALT TOLERANT WITH 8" OF TOPSOIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

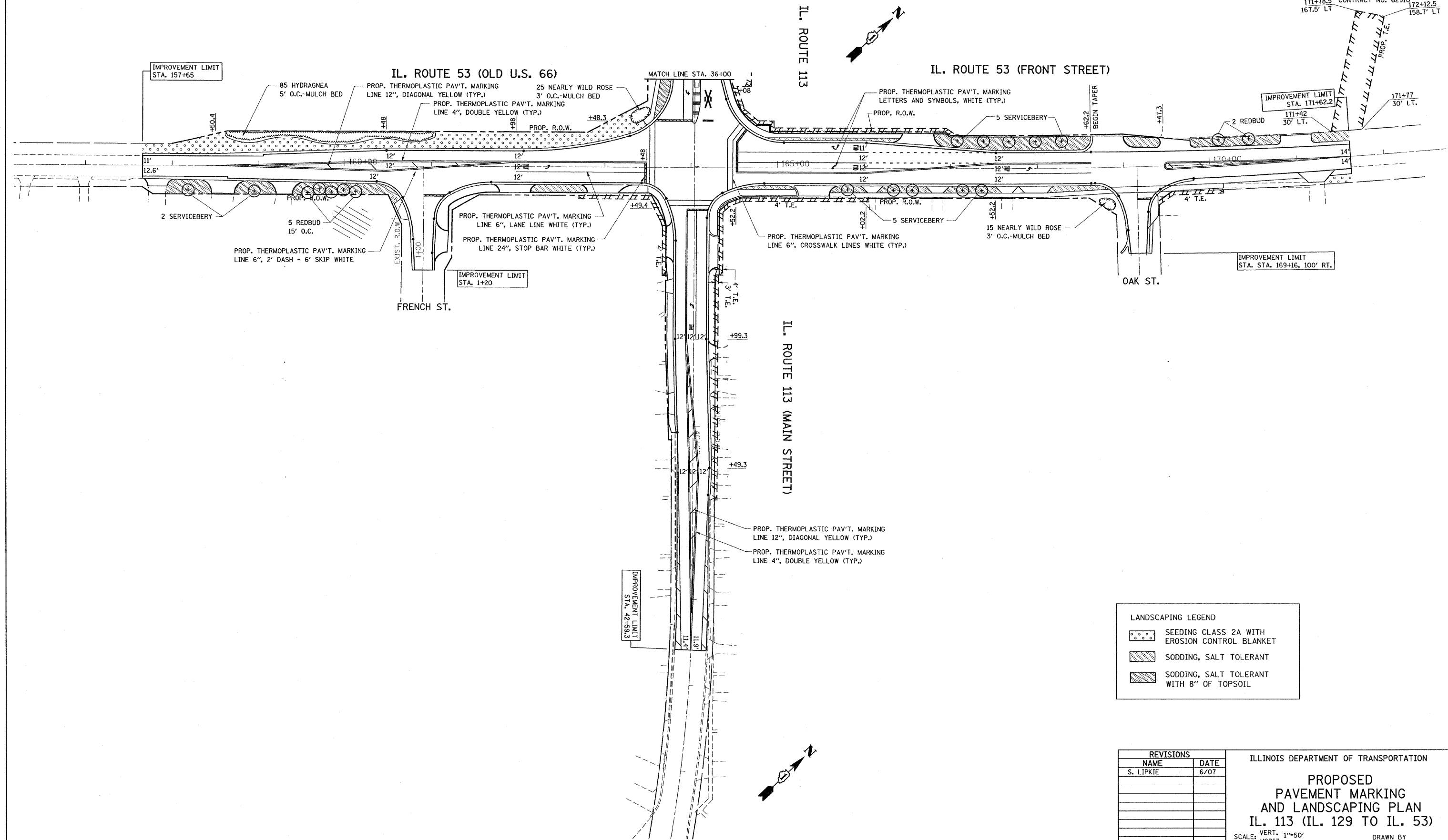
PROPOSED PAVMENT MARKING AND LANDSCAPING PLAN

IL. 113 (IL. 129 TO IL. 53)

SCALE: VERT. 1"=50'
HORIZ. DATE 9/14/2007

DRAWN BY
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	75
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
171+78.5	CONTRACT NO. 62910	172+12.5		
167.5' LT		158.7' LT		



LANDSCAPING LEGEND

	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SODDING, SALT TOLERANT
	SODDING, SALT TOLERANT WITH 8" OF TOPSOIL

REVISIONS	
NAME	DATE
S. LIPKIE	6/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING AND LANDSCAPING PLAN

IL. 113 (IL. 129 TO IL. 53)

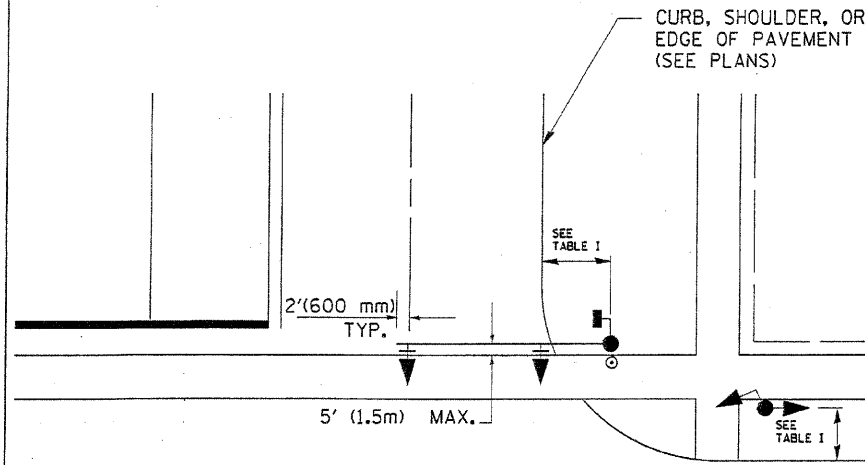
SCALE: VERT. 1"=50'
HORIZ. DATE 9/14/2007

DRAWN BY
CHECKED BY

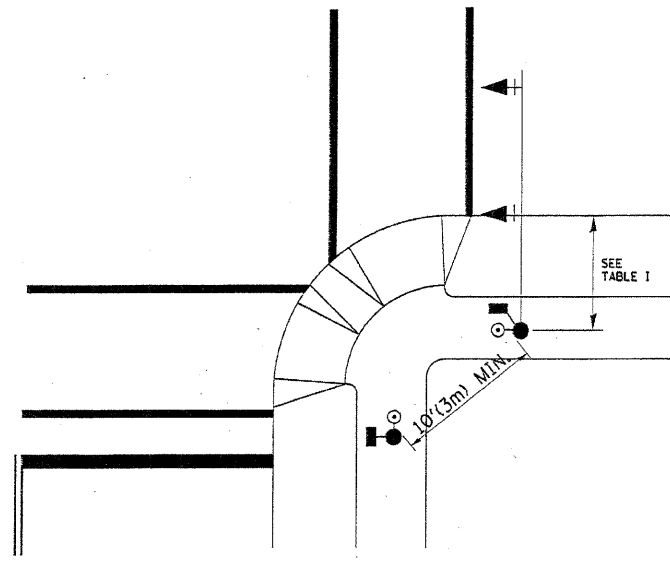
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND POST

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



PEDESTRIAN SIGNAL PUSHBUTTON



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

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.
 AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.
 PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

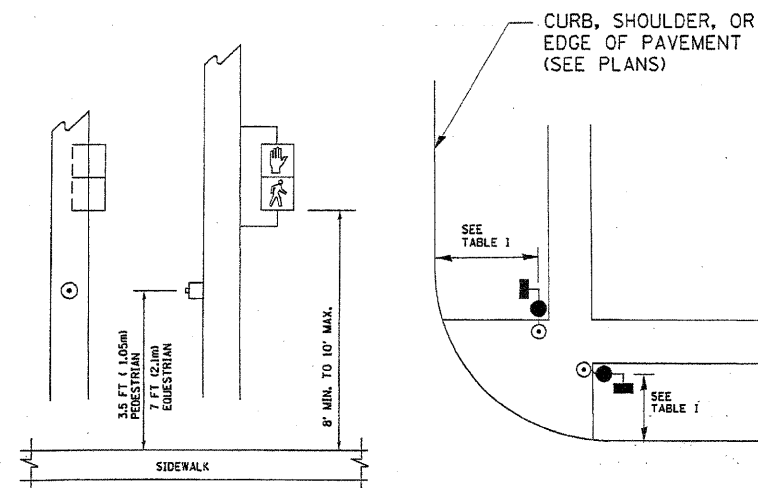


TABLE I

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

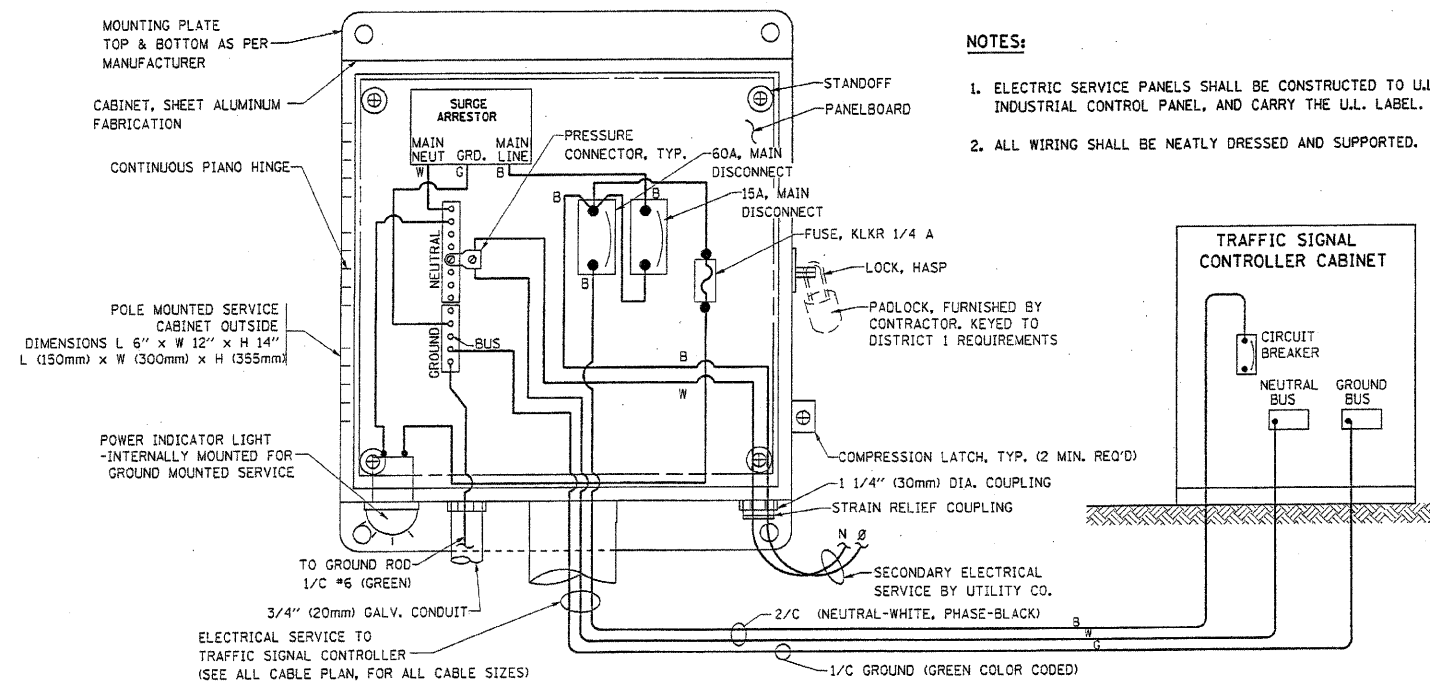
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 1
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

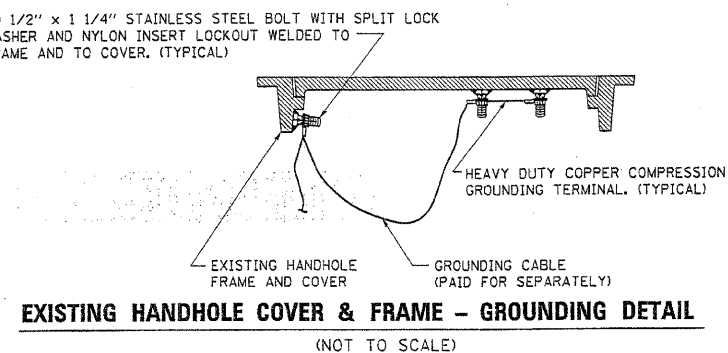
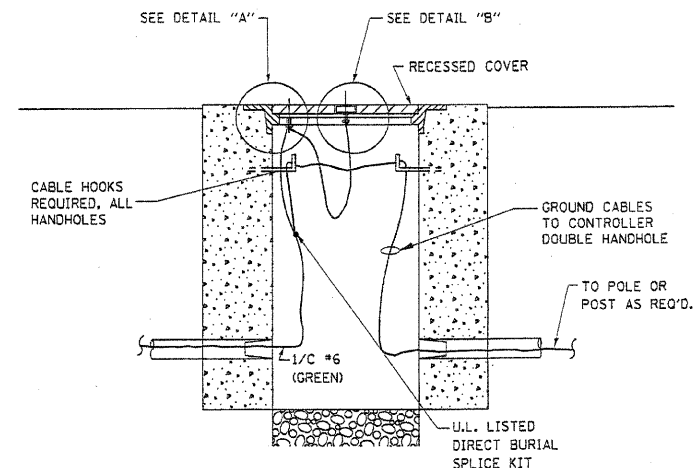
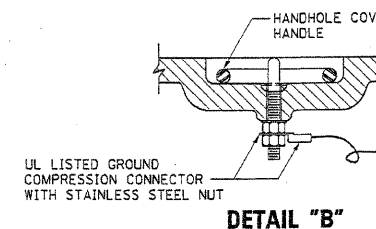
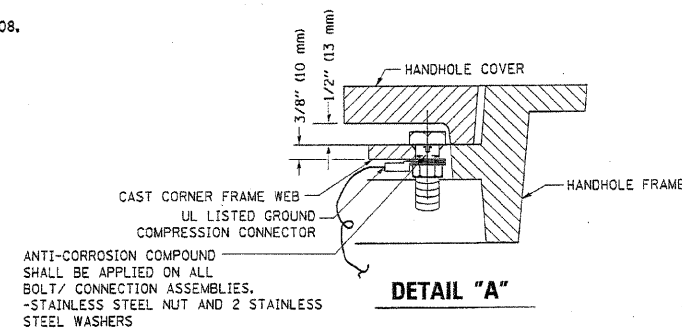
SCALE: VERT. NONE
 HORIZ. NONE
 DATE 1-01-02

DRAWN BY: RWP
 DESIGNED BY: DAD
 CHECKED BY: DAZ
 SHEET 2 OF 4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	77
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



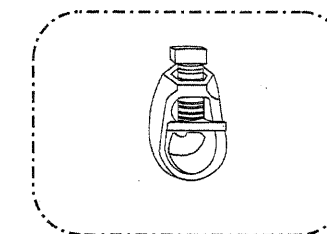
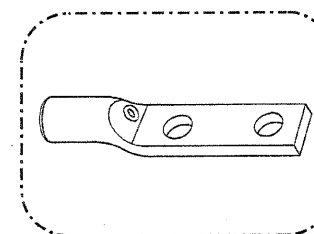
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



NOTES:

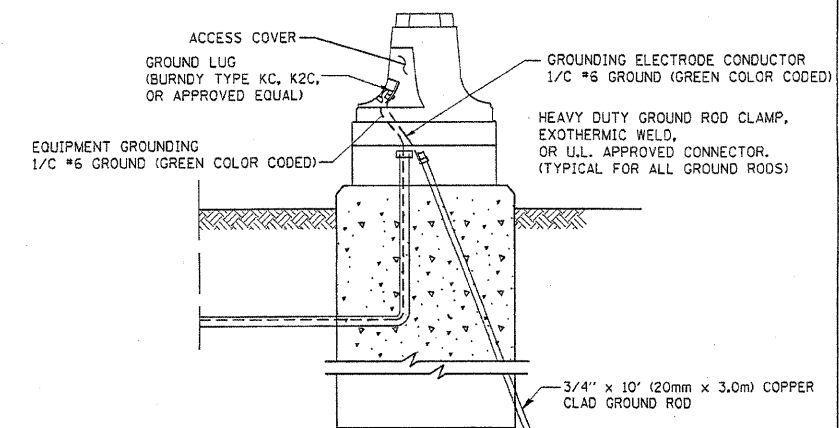
GROUNDING SYSTEM

- 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.



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.



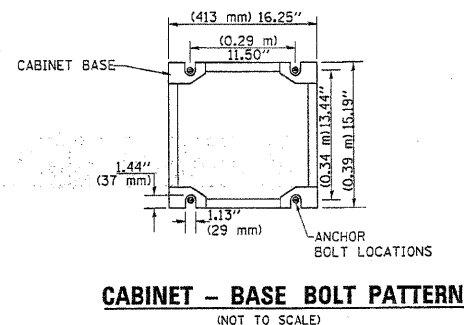
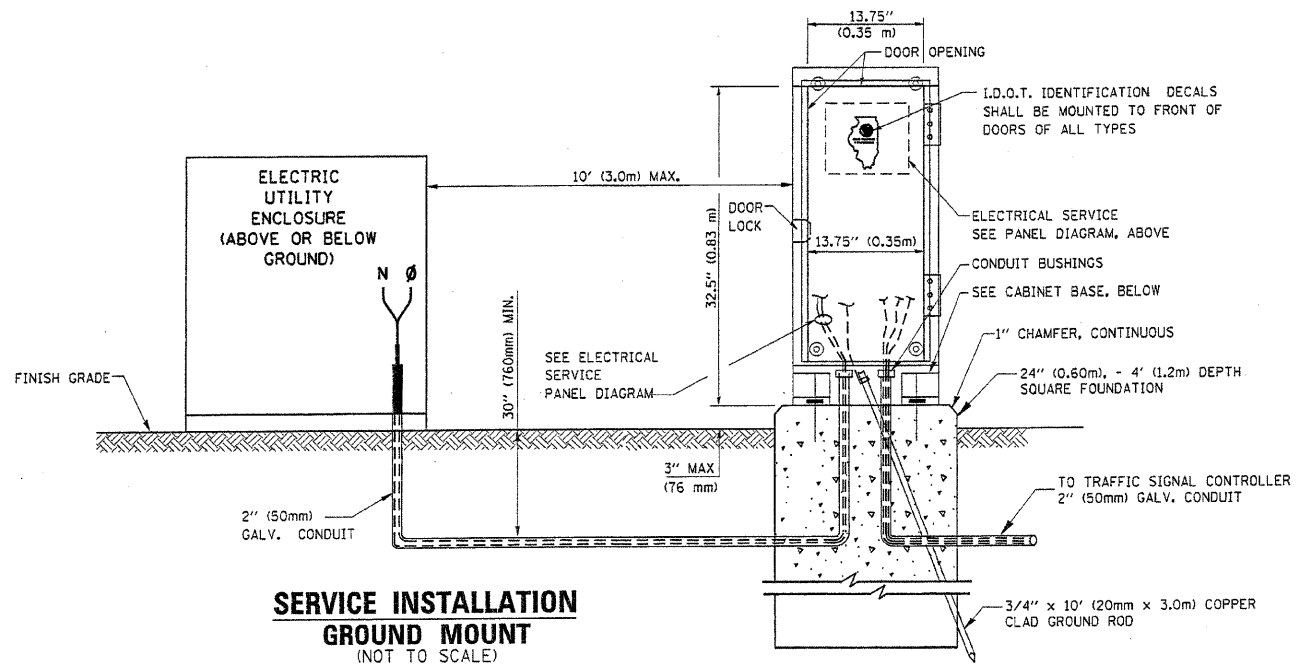
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

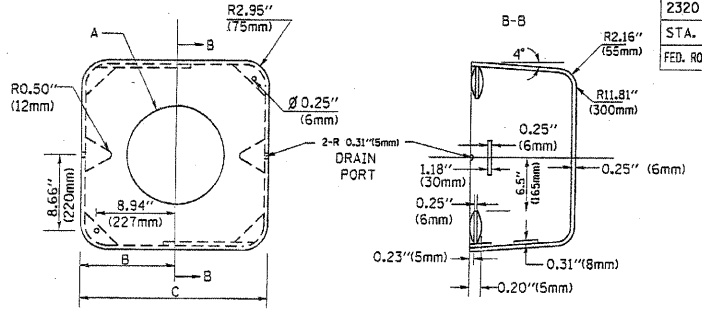
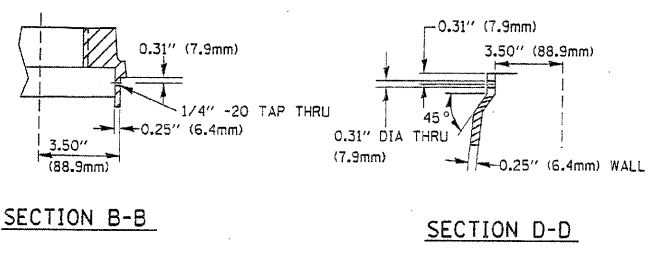
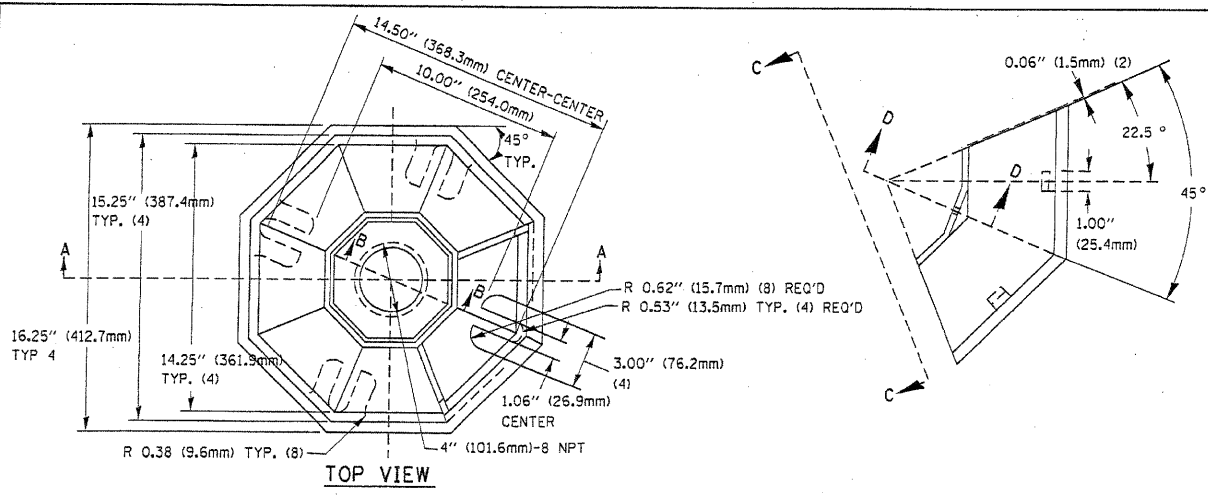
DISTRICT 1
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

SCALE: VERT. NONE
 HORIZ. NONE
 DATE 1-01-02

DRAWN BY: RWP
 DESIGNED BY: DAD
 CHECKED BY: DAZ
 SHEET 3 OF 4

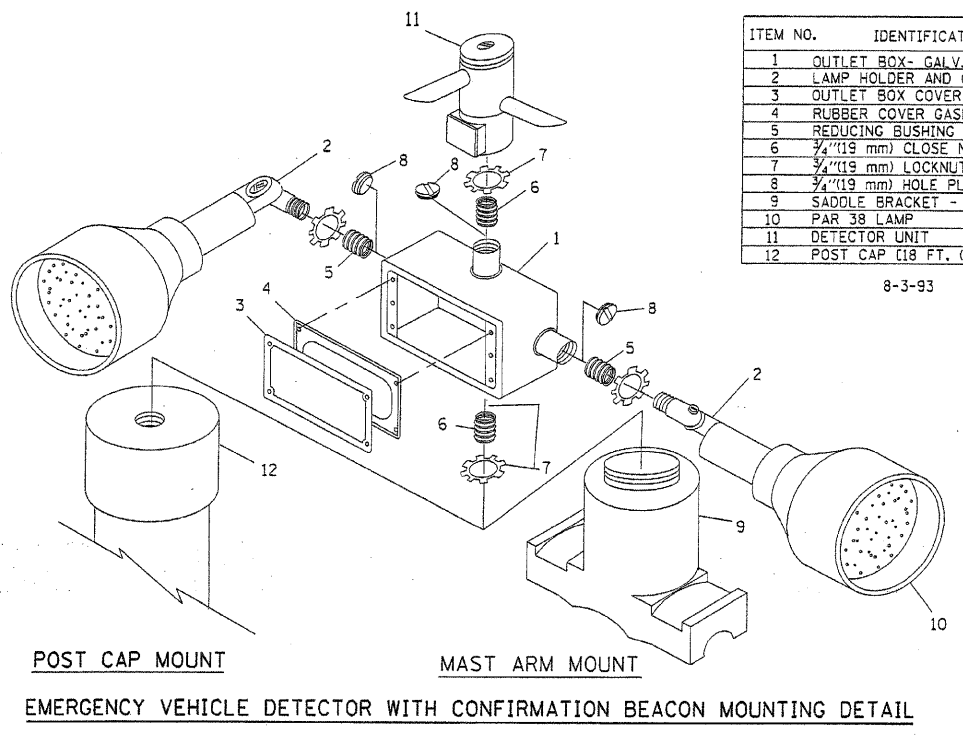
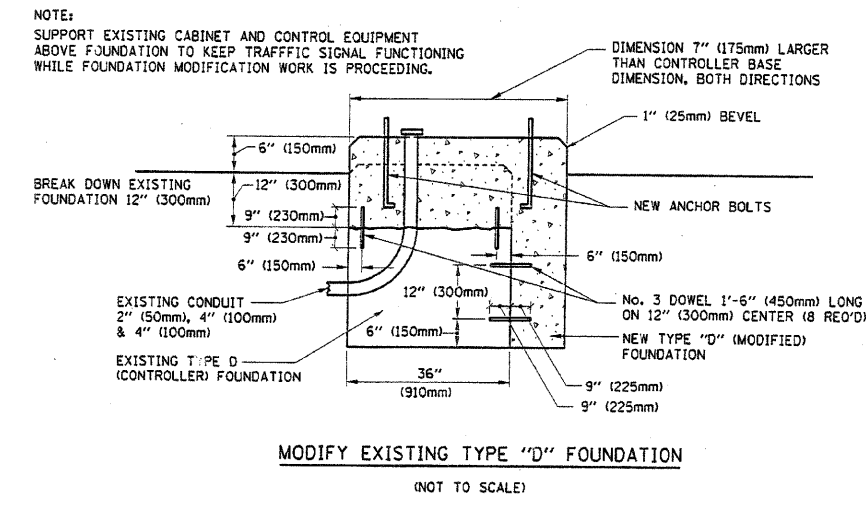
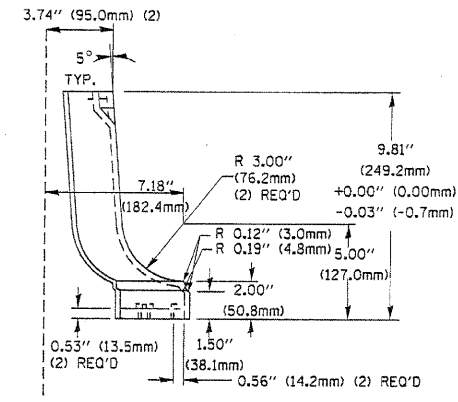
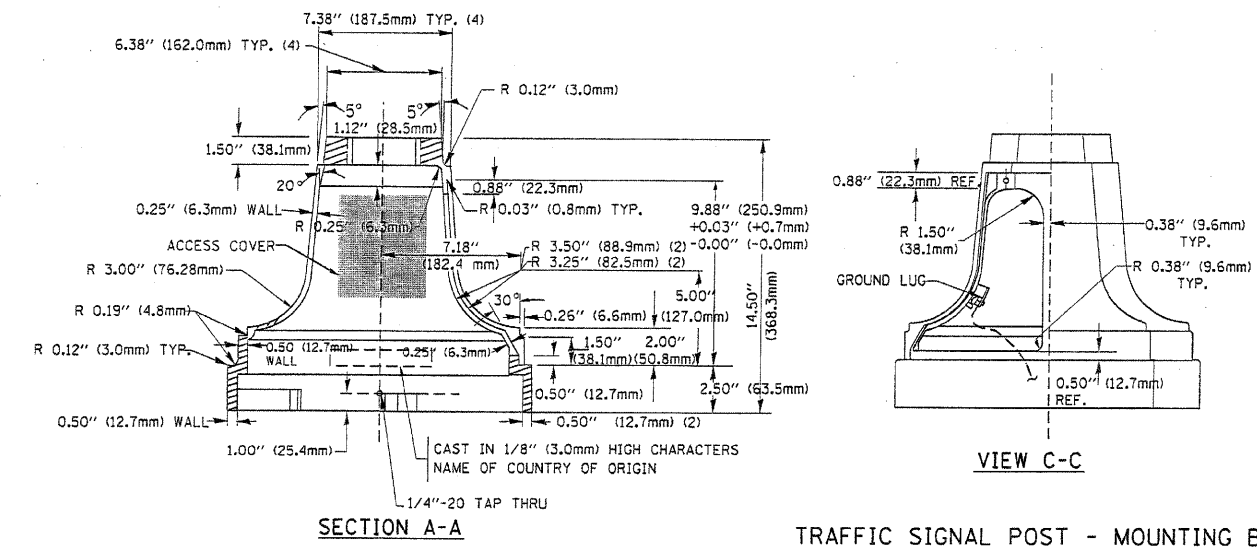


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	735	78
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



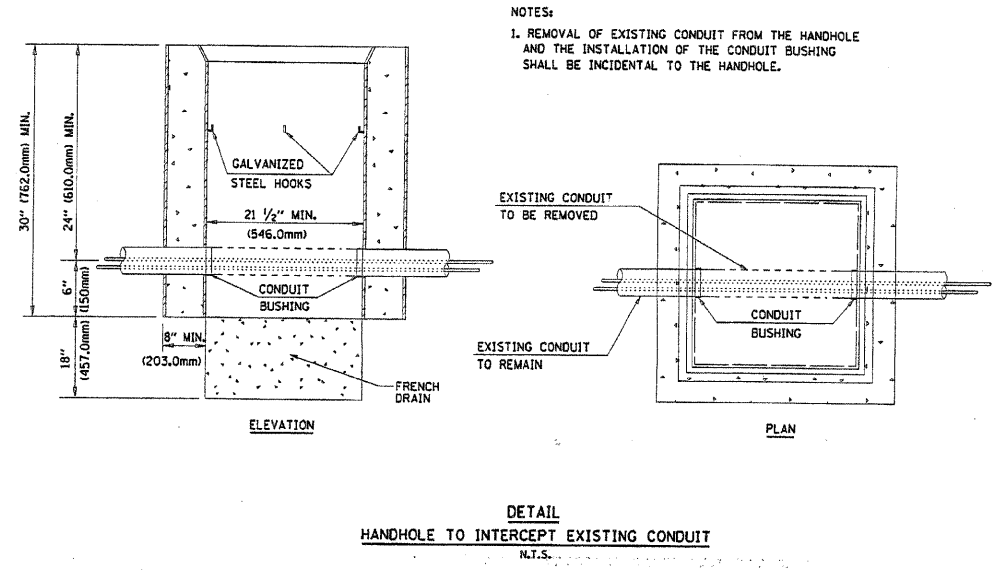
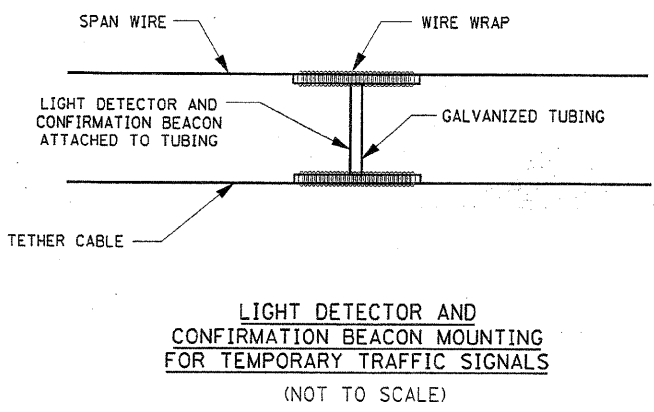
TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\"(257mm)	9.5\"(241mm)	19\"(483mm)	12\"(300mm)	24kg
II	Ø 11.125\"(283mm)	10.75\"(273mm)	21.5\"(546mm)	12\"(300mm)	26kg

MATERIAL:
 - ASTM A48 CLASS 30 GREY IRON
 - ASTM A123 HOT DIPPED GALVANIZED



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	PAR 38 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.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 1
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

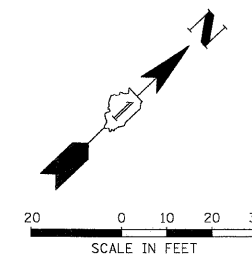
SCALE: VERT. NONE
 HORIZ. 1\"/>

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1. INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" (300mm). HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.



TEMPORARY TRAFFIC SIGNAL LEGEND

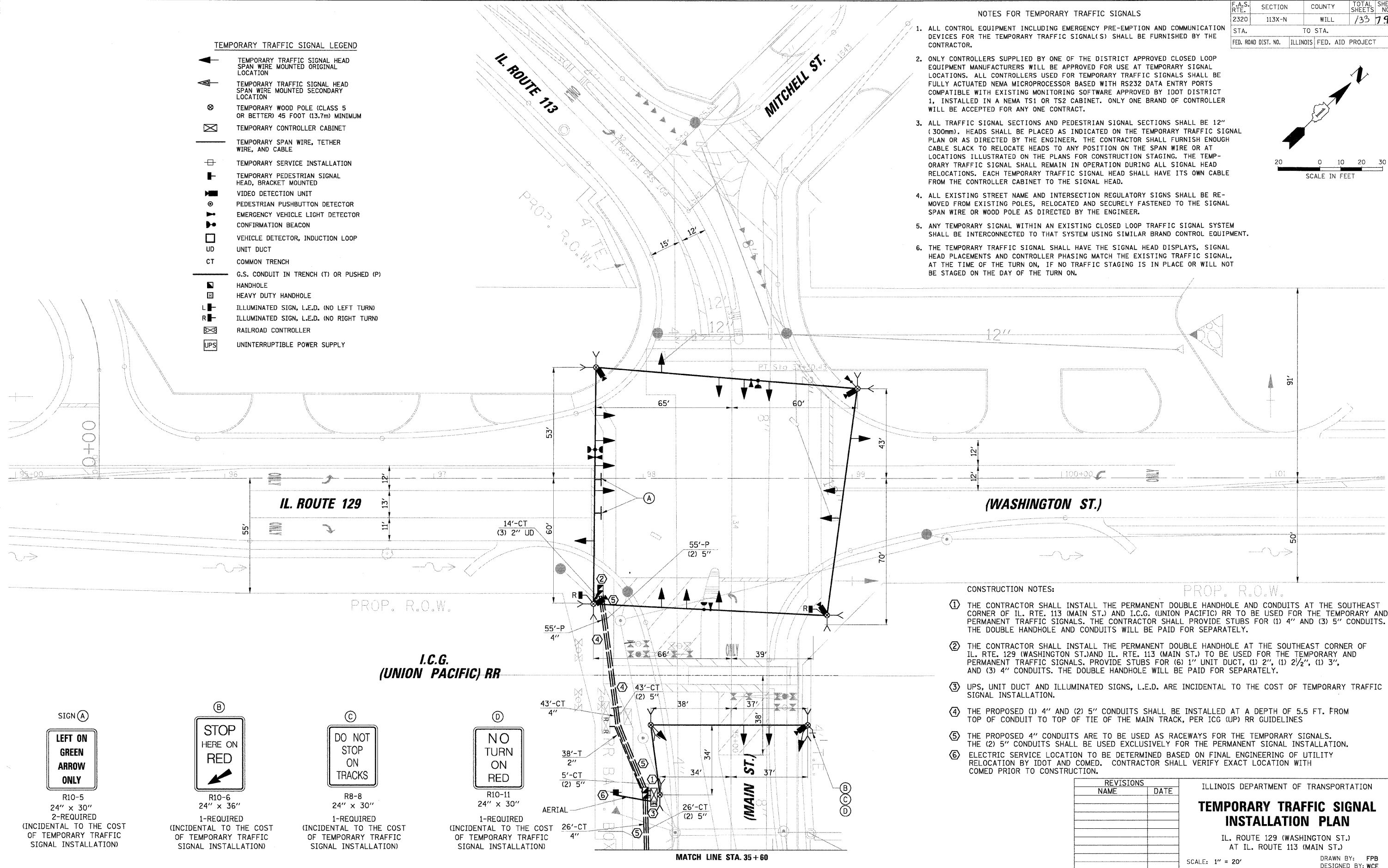
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ↖ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊙ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊟ VIDEO DETECTION UNIT
- ⊠ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊡ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊢ CONFIRMATION BEACON
- ⊣ VEHICLE DETECTOR, INDUCTION LOOP
- ⊤ UNIT DUCT
- ⊥ COMMON TRENCH
- ⊦ G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- ⊧ HANDHOLE
- ⊨ HEAVY DUTY HANDHOLE
- L ILLUMINATED SIGN, L.E.D. (NO LEFT TURN)
- R ILLUMINATED SIGN, L.E.D. (NO RIGHT TURN)
- ⊩ RAILROAD CONTROLLER
- ⊪ UNINTERRUPTIBLE POWER SUPPLY

DATE	BY	REVISIONS
DATE	BY	REVISIONS

PROFILE
 DATE: _____ BY: _____
 NOTE BOOK NO.: _____
 STRUCTURE NOTATION CHRG: _____

PLAN
 DATE: _____ BY: _____
 NOTE BOOK NO.: _____
 CAD FILE NAME: _____

CHRISTOPHER B. BURKE ENGINEERING LTD.
 1001 West High Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



CONSTRUCTION NOTES:

- 1 THE CONTRACTOR SHALL INSTALL THE PERMANENT DOUBLE HANDHOLE AND CONDUITS AT THE SOUTHEAST CORNER OF IL. RTE. 113 (MAIN ST.) AND I.C.G. (UNION PACIFIC) RR TO BE USED FOR THE TEMPORARY AND PERMANENT TRAFFIC SIGNALS. THE CONTRACTOR SHALL PROVIDE STUBS FOR (1) 4" AND (3) 5" CONDUITS. THE DOUBLE HANDHOLE AND CONDUITS WILL BE PAID FOR SEPARATELY.
- 2 THE CONTRACTOR SHALL INSTALL THE PERMANENT DOUBLE HANDHOLE AND CONDUITS AT THE SOUTHEAST CORNER OF IL. RTE. 129 (WASHINGTON ST.) AND IL. RTE. 113 (MAIN ST.) TO BE USED FOR THE TEMPORARY AND PERMANENT TRAFFIC SIGNALS. PROVIDE STUBS FOR (6) 1" UNIT DUCT, (1) 2", (1) 2 1/2", (1) 3", AND (3) 4" CONDUITS. THE DOUBLE HANDHOLE WILL BE PAID FOR SEPARATELY.
- 3 UPS, UNIT DUCT AND ILLUMINATED SIGNS, L.E.D. ARE INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- 4 THE PROPOSED (1) 4" AND (2) 5" CONDUITS SHALL BE INSTALLED AT A DEPTH OF 5.5 FT. FROM TOP OF CONDUIT TO TOP OF TIE OF THE MAIN TRACK, PER ICG (UP) RR GUIDELINES
- 5 THE PROPOSED 4" CONDUITS ARE TO BE USED AS RACEWAYS FOR THE TEMPORARY SIGNALS. THE (2) 5" CONDUITS SHALL BE USED EXCLUSIVELY FOR THE PERMANENT SIGNAL INSTALLATION.
- 6 ELECTRIC SERVICE LOCATION TO BE DETERMINED BASED ON FINAL ENGINEERING OF UTILITY RELOCATION BY IDOT AND COMED. CONTRACTOR SHALL VERIFY EXACT LOCATION WITH COMED PRIOR TO CONSTRUCTION.



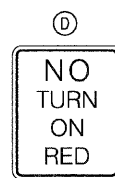
R10-5
24" x 30"
2-REQUIRED
(INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



R10-6
24" x 36"
1-REQUIRED
(INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



R8-8
24" x 30"
1-REQUIRED
(INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



R10-11
24" x 30"
1-REQUIRED
(INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN

IL. ROUTE 129 (WASHINGTON ST.)
AT IL. ROUTE 113 (MAIN ST.)

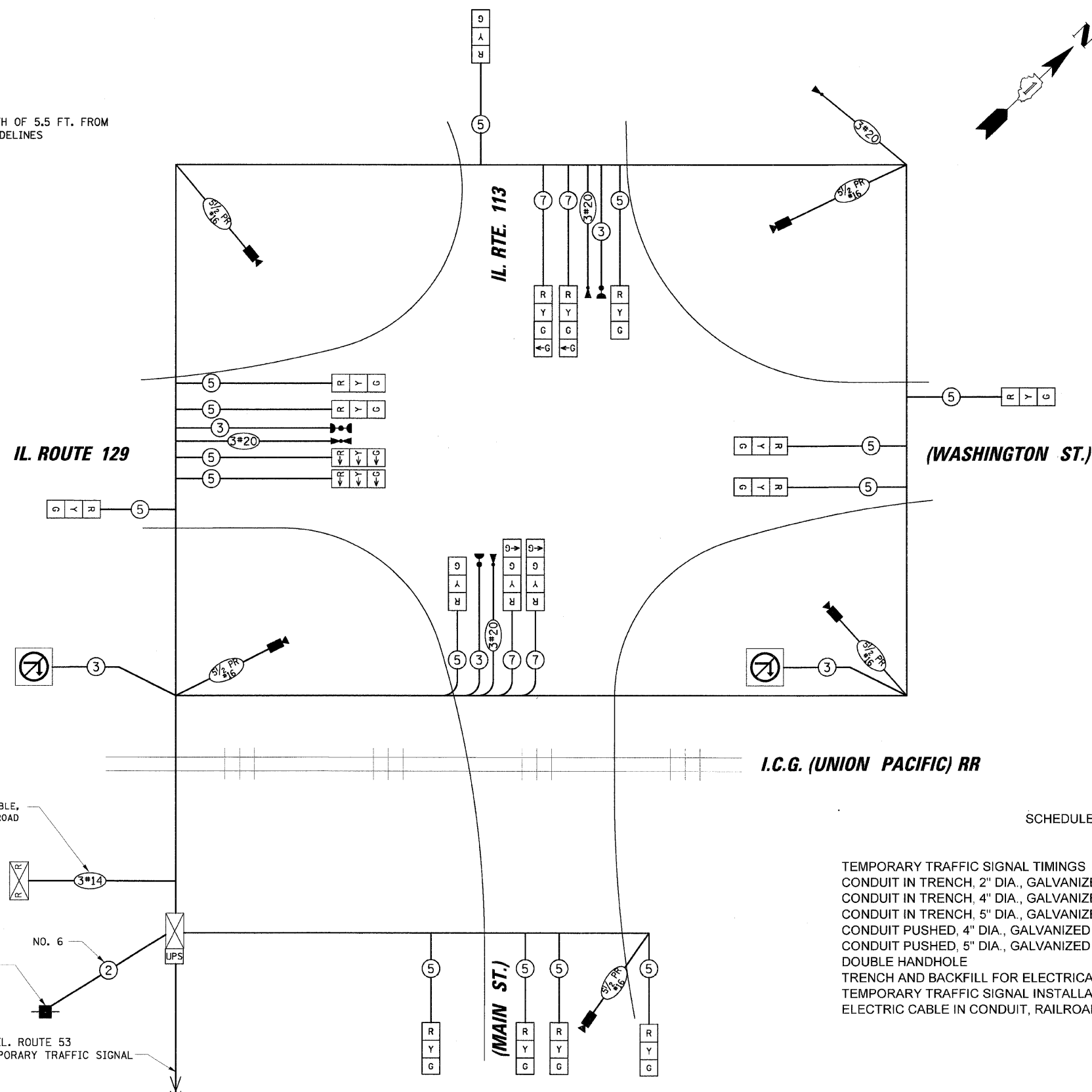
SCALE: 1" = 20'
DATE: 5/9/2007

DRAWN BY: FBP
DESIGNED BY: WCE
CHECKED BY: MJT/GMZ

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONSTRUCTION NOTE:

THE PROPOSED (1) 4" AND (2) 5" CONDUITS SHALL BE INSTALLED AT A DEPTH OF 5.5 FT. FROM TOP OF CONDUIT TO TOP OF TIE OF THE MAIN TRACK, PER ICG (UP) RR GUIDELINES



TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- X TEMPORARY CONTROLLER CABINET
- + TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ◀ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- Ⓜ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ VIDEO DETECTION UNIT
- X RAILROAD CONTROLLER CABINET
- Ⓜ ILLUMINATED SIGN, L.E.D. (NO LEFT TURN)
- Ⓜ ILLUMINATED SIGN, L.E.D. (NO RIGHT TURN)
- UPS UNINTERRUPTIBLE POWER SUPPLY

SCHEDULE OF QUANTITIES

TEMPORARY TRAFFIC SIGNAL TIMINGS
 CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
 CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
 CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL
 CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
 CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL
 DOUBLE HANDHOLE
 TRENCH AND BACKFILL FOR ELECTRICAL WORK
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C

ITEM	UNIT	TOTAL
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	38
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	142
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	294
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	55
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	110
DOUBLE HANDHOLE	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	215
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	65

DATE	BY	REVISION
DATE	BY	REVISION

PROFILE
 REVISIONS
 CHANGES CHECKED
 NOTE BOOK
 NO.

STRUCTURE NOTATIONS CHFD

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED % OPERATION		
SIGNAL (RED)	33	17	0.50		280.50
(YELLOW)	33	25	0.25		206.25
(GREEN)	41	15	0.25		153.75
ARROW	-	12	0.10		-
PED. SIGNAL	-	25	1.00		-
CONTROLLER	1	100	1.00		100.00
ILLUM. SIGN	6	25	0.05		7.5
FLASHER			0.50		-
ENERGY COSTS TO:					TOTAL = 748.00

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m+L-0.6m)=	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: DENETTE PRICE
 PHONE: (815) 724-5590
 COMPANY: COMED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES AND TEMPORARY CABLE PLAN
 IL. ROUTE 129 (WASHINGTON ST.)
 AT IL. ROUTE 113 (MAIN ST.)
 SCALE: N.T.S.
 DATE: 5/9/2007
 DRAWN BY: FPB
 DESIGNED BY: WCE
 CHECKED BY: MJT/GMZ

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

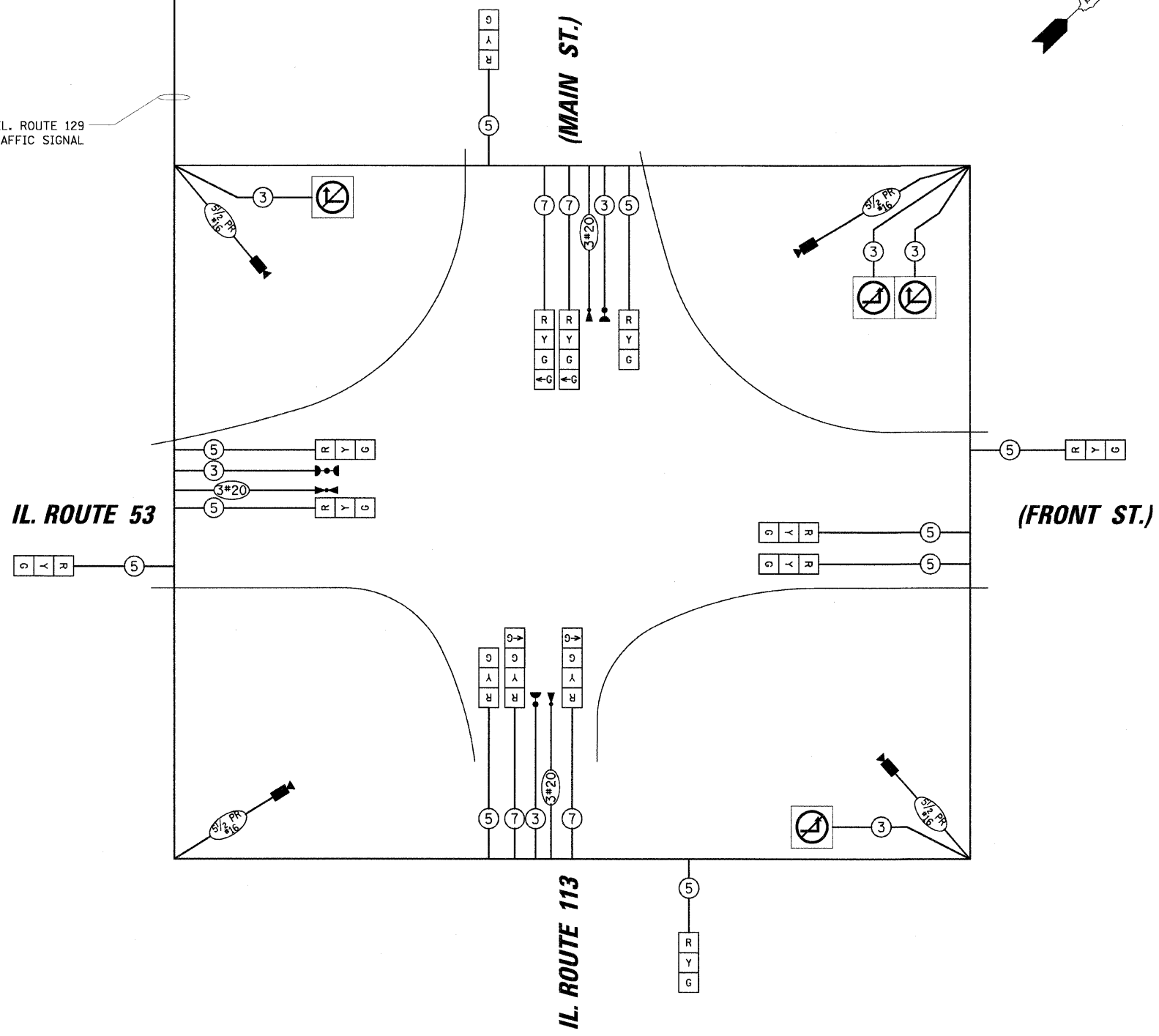
DATE	BY	REVISIONS	DATE
		PLANNING	
		DESIGN	
		CHECKING	
		CONSTRUCTION	

CHRISTOPHER B. BURKE ENGINEERING LTD.
 315 West Illinois St., Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

DATE	BY	REVISIONS	DATE
		PLANNING	
		DESIGN	
		CHECKING	
		CONSTRUCTION	

PROFILE
 GRADES CHECKED
 PLOTTED
 NOTE BOOK NO.
 STRUCTURE NOTATIONS CHECKED

TO IL. ROUTE 129
 TEMPORARY TRAFFIC SIGNAL



TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION UNIT
- ILLUMINATED SIGN, L.E.D. (NO LEFT TURN)
- ILLUMINATED SIGN, L.E.D. (NO RIGHT TURN)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN
 IL. ROUTE 53 (FRONT ST.)
 AT IL. ROUTE 113 (MAIN ST.)
 SCALE: N.T.S.
 DATE: 5/9/2007
 DRAWN BY: FPB
 DESIGNED BY: WCE
 CHECKED BY: MJT/GMZ

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SEQUENCE OF OPERATION

MOVEMENT	N	IL. 129 IL. 53 IL. 113														F																									
		IL. 129 IL. 53 IL. 113															L																								
PHASE	N	IL. 129 IL. 53 IL. 113														A																									
		IL. 129 IL. 53 IL. 113															S																								
INTERVAL		1	2A	2B	3A	3B	3C	3D	3E	3F	4	5A	5B	6A	6B	6C		6D	6E	6F	7	8A	8B	8C	8D	9A	9B	10	11A	11B	11C	11D	12A	12B	13	14A	14B	14C	14D	H	
CHANGE TO			2				3	4	5			1				3	4	5				1				4	5			1		5					1				
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	G	Y	R	G	G	G	G	Y	R	R		
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	Y	R	G	G	G	G	Y	R	R			
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	G	G	G	G	G	Y	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 FAR RIGHT SPAN WIRE SIGNAL	W/B	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 FAR RIGHT AND NEAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 129 AT IL RTE 113 FAR LEFT AND MID LEFT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 129 AT IL RTE 113 NEAR, FAR RIGHT AND MID RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	

NORTHBOUND AND SOUTHBOUND IL ROUTE 53 SHALL BE PLACED ON RECALL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY SEQUENCE OF OPERATION
 IL RTE 53 AT IL RTE 113
 AND
 IL RTE 129 AT IL RTE 113

SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

CB CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

5/9/2007

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1					1	1	4					4	4	7	7					7	10					10	10					
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	1GG	1HH	1JJ
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	1D	1E	1F	2 OR 5	1H	3	4	1L	1M	1N	1P	1Q	2 OR 5	3	1T	4	2	1W	1X	1Y	3 OR 4	1AA	5	1CC	2	1EE	1FF	1GG	3 OR 4	1JJ	5
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	Y	R	R	R	R	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	Y	R	R	R	R	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	G	G	Y	R	R	R	G	G	G	G	Y	R	R	R	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	G	G	G	G	Y	R	G	G	G	G	G	G	G	Y	R	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 129 FAR RIGHT SPAN WIRE SIGNAL	W/B	G	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	Y	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 129 FAR RIGHT AND NEAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	Y	R	R	R	R	R	R	R	R	R	
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 129 AT IL RTE 113 FAR LEFT AND MID LEFT SPAN WIRE SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R		
IL RTE 129 AT IL RTE 113 NEAR, FAR RIGHT AND MID RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	Y	R	

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	13							PREEMPTOR 3	PREEMPTOR 4	PREEMPTOR 5	PREEMPTOR 6	CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1KK	1LL	1MM	1NN	1PP	1QQ	1RR	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1LL	2	1NN	1PP	1QQ	3 OR 4	5					◇
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	G	R	◇
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	R	R	R	R	R	R	R	R	G	R	◇
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	G	G	G	G	Y	R	G	G	R	G	◇
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	E/B	G	G	G	G	Y	R	G	G	R	G	◇
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	G	R	R	◇
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	G	R	R	◇
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	G	R	R	R	◇
IL RTE 113 AT IL RTE 129 FAR RIGHT AND NEAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	G	R	R	R	◇
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	Y	R	Y	R	R	R	R	R	R	G	◇
IL RTE 129 AT IL RTE 113 FAR LEFT AND MID LEFT SPAN WIRE SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	◇
IL RTE 129 AT IL RTE 113 NEAR, FAR RIGHT AND MID RIGHT SPAN WIRE SIGNALS	S/B	Y	R	Y	R	R	R	R	R	R	G	◇

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2, 3, 4, OR 5 IS TERMINATED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL RTE 53 AT IL RTE 113 AND IL RTE 129 AT IL RTE 113
 SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

5/9/2007


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		


RAILROAD PREEMPTION SEQUENCE OF OPERATION

	PREEMPTION INTERVAL NUMBER										PREEMPTOR NUMBER 3					PREEMPTOR NUMBER 4					PREEMPTOR NUMBER 5					PREEMPTOR NUMBER 6					PREEMPTOR NUMBER 2				
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	4	7	10	13																														
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION NUMBER											2	3	4	5																					
RAILROAD PREEMPTION INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	4	5	CLEAR TO NORMAL SEQUENCE												
CHANGE TO RAILROAD PREEMPTION SEQUENCE INTERVAL NUMBER	1B	2	1D	2	1F	2	1H	2	1K	2	1M	2	1P	2	1R	2	1T	2	3	4	5														
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	△												
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	△												
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	G	G	G	G	G	G	G	G	R	R	R	R	R	G	G	G	Y	R	R	△										
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	G	G	G	G	G	G	G	R	R	R	R	R	R	G	G	G	Y	R	R	△										
IL RTE 113 AT IL RTE 53 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	R	R	Y	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	△											
IL RTE 113 AT IL RTE 53 NEAR AND FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	Y	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	△											
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	Y	R	Y	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	△											
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	W/B	G	G	G	G	R	R	R	R	R	R	R	G	G	G	G	R	R	G	G	G	Y	R	R	△										
IL RTE 113 AT IL RTE 129 FAR RIGHT SPAN WIRE SIGNAL	W/B	G	G	G	G	R	R	R	R	R	R	R	G	G	G	G	R	R	G	Y	R	R	R	△											
IL RTE 113 AT IL RTE 129 FAR LEFT AND MID SPAN WIRE SIGNALS	E/B	R	R	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	△											
IL RTE 113 AT IL RTE 129 FAR RIGHT AND NEAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	△											
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	G	△											
IL RTE 129 AT IL RTE 113 FAR LEFT AND MID LEFT SPAN WIRE SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	△											
IL RTE 129 AT IL RTE 113 NEAR, FAR RIGHT AND MID RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	△											
INTERNALLY ILLUMINATED NRT SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△												
INTERNALLY ILLUMINATED NLT SIGNS	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	△												

HOLD

△ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

NLT = "NO LEFT TURN" OR 

NRT = "NO RIGHT TURN" OR 

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY RAILROAD PREEMPTION SEQUENCE OF OPERATION
 IL RTE 53 AT IL RTE 113
 AND
 IL RTE 129 AT IL RTE 113

SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

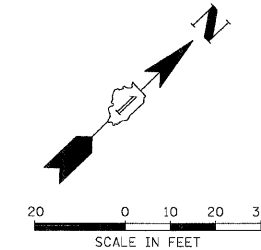
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

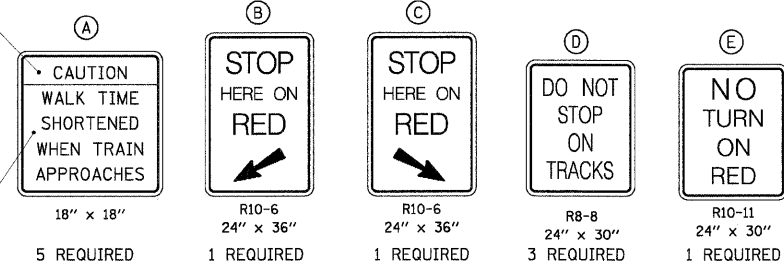
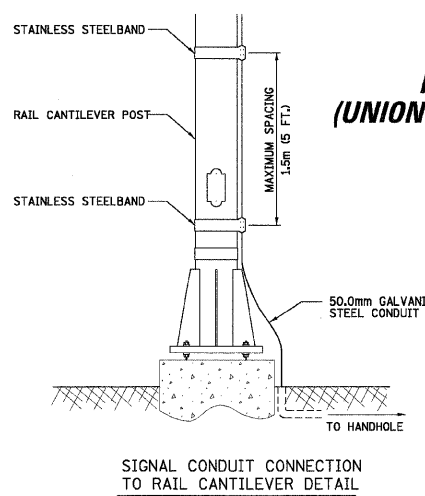
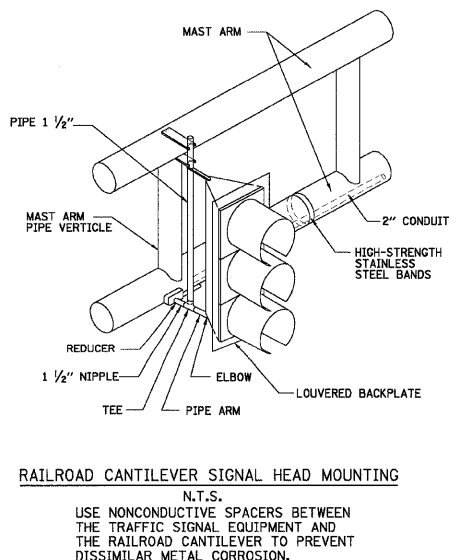
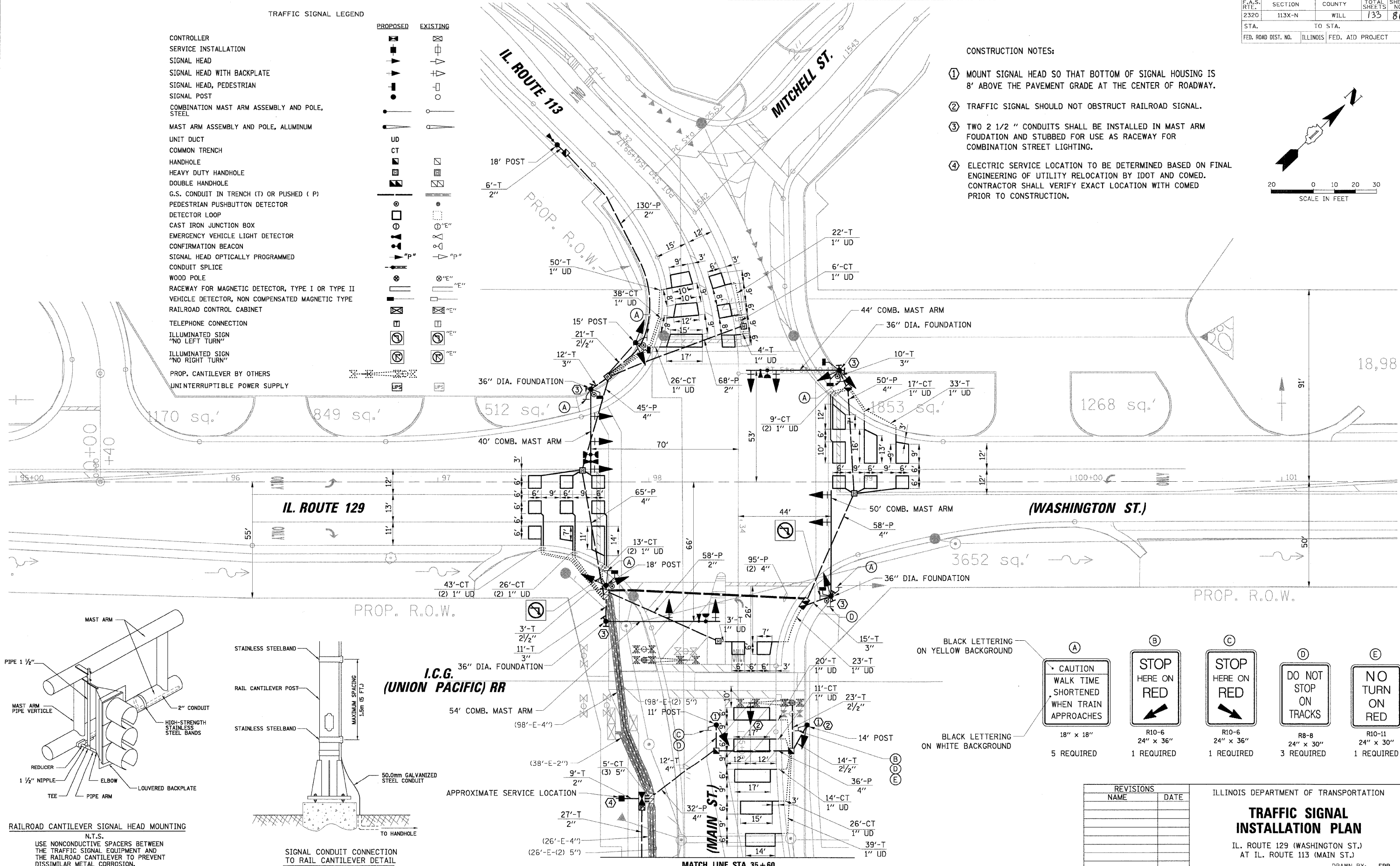
CONTROLLER	PROPOSED	EXISTING
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
UNIT DUCT		
COMMON TRENCH		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		
TELEPHONE CONNECTION		
ILLUMINATED SIGN "NO LEFT TURN"		
ILLUMINATED SIGN "NO RIGHT TURN"		
PROP. CANTILEVER BY OTHERS		
UNINTERRUPTIBLE POWER SUPPLY		

CONSTRUCTION NOTES:

- MOUNT SIGNAL HEAD SO THAT BOTTOM OF SIGNAL HOUSING IS 8' ABOVE THE PAVEMENT GRADE AT THE CENTER OF ROADWAY.
- TRAFFIC SIGNAL SHOULD NOT OBSTRUCT RAILROAD SIGNAL.
- TWO 2 1/2" CONDUITS SHALL BE INSTALLED IN MAST ARM FOUNDATION AND STUBBED FOR USE AS RACEWAY FOR COMBINATION STREET LIGHTING.
- ELECTRIC SERVICE LOCATION TO BE DETERMINED BASED ON FINAL ENGINEERING OF UTILITY RELOCATION BY IDOT AND COMED. CONTRACTOR SHALL VERIFY EXACT LOCATION WITH COMED PRIOR TO CONSTRUCTION.



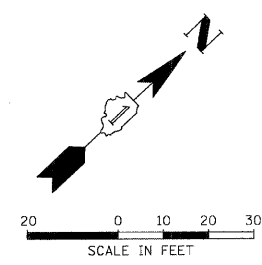
CHRISTOPHER B. BURKE ENGINEERING LTD.
 1000 W. WASHINGTON ST., SUITE 600
 ROSEMONT, ILLINOIS 60018
 (847) 823-0500
 DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____ BY: _____



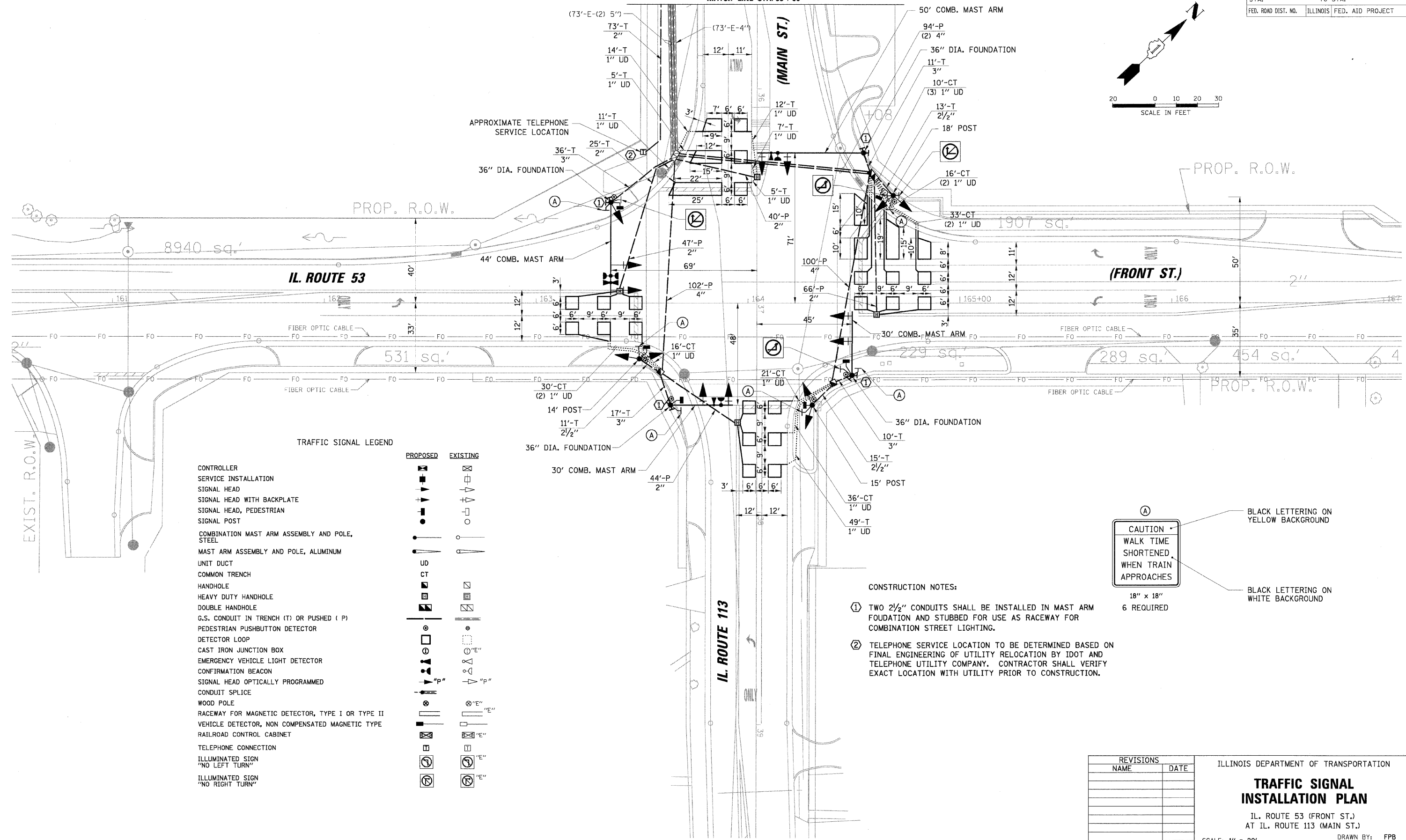
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION PLAN
 IL. ROUTE 129 (WASHINGTON ST.)
 AT IL. ROUTE 113 (MAIN ST.)
 SCALE: 1" = 20'
 DATE: 5/9/2007
 DRAWN BY: FPB
 DESIGNED BY: WCE
 CHECKED BY: MJT/GMZ

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

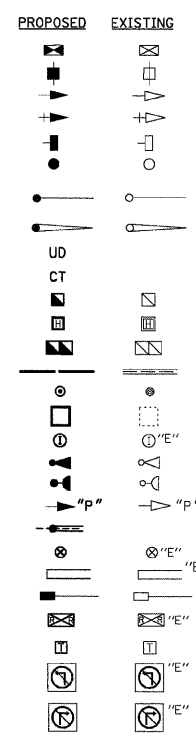


MATCH LINE STA. 35+60



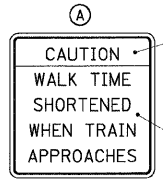
TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN "NO LEFT TURN"
- ILLUMINATED SIGN "NO RIGHT TURN"



CONSTRUCTION NOTES:

- ① TWO 2 1/2" CONDUITS SHALL BE INSTALLED IN MAST ARM FOUNDATION AND STUBBED FOR USE AS RACEWAY FOR COMBINATION STREET LIGHTING.
- ② TELEPHONE SERVICE LOCATION TO BE DETERMINED BASED ON FINAL ENGINEERING OF UTILITY RELOCATION BY IDOT AND TELEPHONE UTILITY COMPANY. CONTRACTOR SHALL VERIFY EXACT LOCATION WITH UTILITY PRIOR TO CONSTRUCTION.



BLACK LETTERING ON YELLOW BACKGROUND

BLACK LETTERING ON WHITE BACKGROUND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN

IL. ROUTE 53 (FRONT ST.)
AT IL. ROUTE 113 (MAIN ST.)

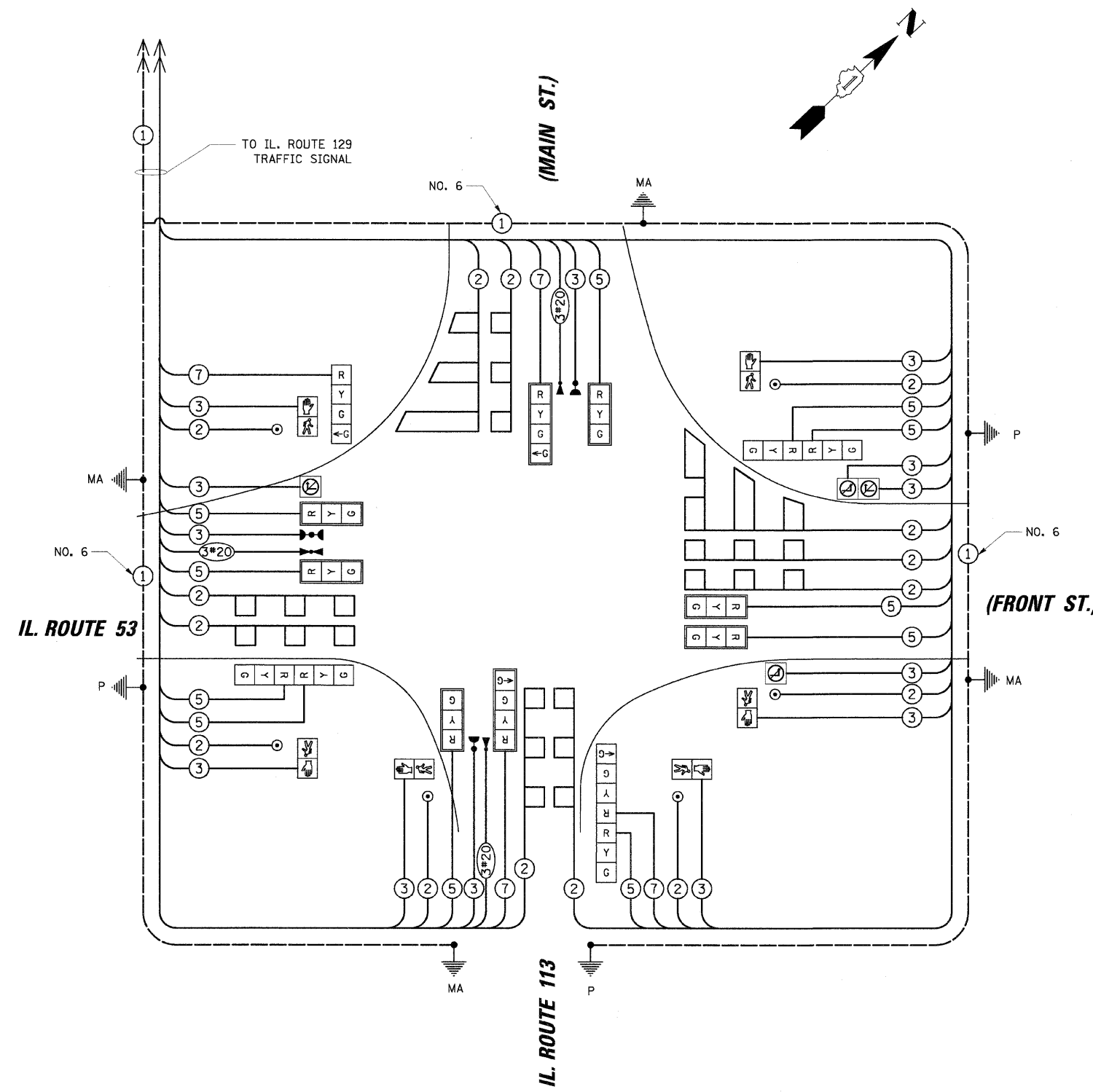
SCALE: 1" = 20'
DATE: 5/9/2007

DRAWN BY: FPB
DESIGNED BY: WCE
CHECKED BY: MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 2677 Rosemont, Illinois 60018
 (847) 823-0500
 DATE: _____ BY: _____
 PLAN NO. _____
 REVISIONS: _____
 CHECKED: _____
 DATE: _____
 PROFILE NO. _____
 CHECKED: _____
 DATE: _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY	REVISIONS
		1. CHECKED
		2. PLOTTED
		3. ALIGNED
		4. CHECKED
		5. PLOTTED
		6. CHECKED
		7. PLOTTED
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		97. PLOTTED
		98. CHECKED
		99. PLOTTED
		100. CHECKED



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" (200mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	TELEPHONE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	MAGNETIC DETECTOR
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
[Symbol]	[Symbol]	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
[Symbol]	[Symbol]	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
[Symbol]	[Symbol]	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
[Symbol]	[Symbol]	RAILROAD CONTROL CABINET
[Symbol]	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"
[Symbol]	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"
[Symbol]	[Symbol]	GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
[Symbol]	[Symbol]	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
[Symbol]	[Symbol]	GROUND ROD AT ELECTRIC SERVICE INSTALLATION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CABLE PLAN
SCALE: N.T.S.		DRAWN BY: FPB DESIGNED BY: WCE CHECKED BY: MJT/GMZ
DATE: 5/9/2007		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	90
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEQUENCE OF OPERATION

MOVEMENT																										F L A S H																	
	PHASE	1					2					3					4					5																					
INTERVAL	1	2	3A	3B	4A	4B	4C	4D	4E	4F	5	6	7A	7B	8A	8B	8C	8D	8E	8F	9	10	11A	11B	11C	11D	12A	12B	13	14	15A	15B	15C	15D	16A	16B	17	18	19A	19B	19C	19D	
CHANGE TO			2				3 4 OR 5						1					3 4 OR 5						1				4 OR 5				1				5						1	
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	G	G	G	G	G	G	Y	R	R	R	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	W/B	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM SIGNAL	W/B	G	G	G	G	G	G	G	Y	R	R	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 END MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 NEAR RIGHT, FAR MID AND RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON EAST SIDE OF IL RTE 53	*P **FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON WEST SIDE OF IL RTE 129	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION
 ** FLASHING "P" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.
 P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

⊕ THIS "P" OR FLASHING "P" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "P" OR FLASHING "P" INTERVALS.
 "P" AND FLASHING "P" TIMINGS TO BE SET ONLY ON PHASES WHERE "P" AND FLASHING "P" ARE INDICATED IN THE SEQUENCE OF OPERATION.

NORTHBOUND AND SOUTHBOUND IL ROUTE 53 SHALL BE PLACED ON RECALL

CB CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SEQUENCE OF OPERATION IL RTE 53 AT IL RTE 113 AND IL RTE 129 AT IL RTE 113
NAME	DATE	
		SCALE N.T.S. DRAWN BY FPB/FCP
		DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	33	91
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1					1					5					5					9					9					13					13					13												
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	1GG	1HH	1JJ	1KK	1LL	1MM	1NN	1PP	1QQ	1RR	1SS	1TT											
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	1D	1E	1F	1G	2 OR 5	1J	1K	3	4	1N	1P	1Q	1R	1S	1T	2 OR 5	3	1W	1X	4	2	1AA	1BB	1CC	1DD	3 OR 4	1FF	1GG	5	1JJ	1KK	2	1MM	1NN	1PP	1QQ	3 OR 4	1SS	1TT	5											
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	G	Y	R	R	R	R	R	G	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
IL RTE 53 AT IL RTE 113 FAR RIGHT MAST ARM SIGNAL	S/B	G	Y	R	R	R	R	R	G	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G		
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G		
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G		
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	G	G	G	Y	R	R	R	G	G	G	G	G	G	G	Y	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	W/B	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM SIGNAL	W/B	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 END MAST ARM AND FAR LEFT SIGNALS	S/B	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←		
IL RTE 129 AT IL RTE 113 NEAR RIGHT, FAR MID AND RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON EAST SIDE OF IL RTE 53	FH	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON WEST SIDE OF IL RTE 129	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2, 3, 4, OR 5 IS TERMINATED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL RTE 53 AT IL RTE 113
 AND
 IL RTE 129 AT IL RTE 113
 SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	17									PREEMPTOR 3	PREEMPTOR 4	PREEMPTOR 5	PREEMPTOR 6	CLEAR TO NORMAL SEQUENCE
	1UU	1VV	1WW	1XX	1YY	1ZZ	1AAA	1BBB	1CCC	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1VV	1WW	2	1YY	1ZZ	1AAA	1BBB	3 OR 4	5					◇
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	G	R	◇
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	G	R	◇
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	E/B	G	G	G	G	G	G	Y	R	G	G	R	G	◇
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM SIGNAL	E/B	G	G	G	G	G	G	Y	R	G	R	R	G	◇
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	R	R	◇
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	R	R	◇
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	R	R	G	G	R	◇
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	G	R	R	R	◇
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	E/B	R	R	R	R	R	R	R	R	G	R	R	R	◇
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	G	Y	R	G	Y	R	R	R	G	R	R	G	◇
IL RTE 129 AT IL RTE 113 END MAST ARM AND FAR LEFT SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	◇
IL RTE 129 AT IL RTE 113 NEAR RIGHT, FAR MID AND RIGHT MAST ARM SIGNALS	S/B	G	Y	R	G	Y	R	R	R	G	R	R	G	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON EAST SIDE OF IL RTE 113		H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON NORTH SIDE OF IL RTE 113		H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON SOUTH SIDE OF IL RTE 113		H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON WEST SIDE OF IL RTE 129		FH	H	H	FH	H	H	H	H	FH	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON NORTH SIDE OF IL RTE 113		H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON SOUTH SIDE OF IL RTE 113		H	H	H	H	H	H	H	H	H	H	H	H	◇

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2, 3, 4, OR 5 IS TERMINATED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL RTE 53 AT IL RTE 113
 AND
 IL RTE 129 AT IL RTE 113
 SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

5/9/2007


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	93
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		


RAILROAD PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	PREEMPTOR NUMBER					RAILROAD PREEMPTION INTERVAL																	CLEAR TO NORMAL SEQUENCE							
	3	4	5	6	2	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S		1T	2	3	4	5		
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION NUMBER																														
RAILROAD PREEMPTION INTERVAL																														
CHANGE TO RAILROAD PREEMPTION SEQUENCE INTERVAL NUMBER																														
IL RTE 53 AT IL RTE 113 ALL SIGNALS	N/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	G	△	
IL RTE 53 AT IL RTE 113 ALL SIGNALS	S/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	G	△
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	G	G	G	G	G	G	G	G	G	G	G	R	R	R	R	R	G	G	G	G	Y	R	R	△	
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM SIGNAL	E/B	R	R	R	R	G	G	G	G	G	G	G	G	G	G	R	R	R	R	R	R	G	G	G	Y	R	R	△		
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	△	
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	W/B	R	R	Y	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△	
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS	W/B	Y	R	Y	R	R	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	△	
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	W/B	G	G	G	G	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	G	G	G	Y	R	R	△		
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM SIGNAL	W/B	G	G	G	G	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	G	G	G	Y	R	R	△		
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	Y	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△	
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	E/B	R	R	R	R	Y	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△	
IL RTE 129 AT IL RTE 113 ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	△
IL RTE 129 AT IL RTE 113 END MAST ARM AND FAR LEFT SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	△	
IL RTE 129 AT IL RTE 113 NEAR RIGHT, FAR MID AND RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON EAST SIDE OF IL RTE 53		FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON NORTH SIDE OF IL RTE 113		H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON SOUTH SIDE OF IL RTE 113		H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON WEST SIDE OF IL RTE 129		H	H	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON NORTH SIDE OF IL RTE 113		H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON SOUTH SIDE OF IL RTE 113		H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△	
INTERNALLY ILLUMINATED NRT SIGNS		NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△	
INTERNALLY ILLUMINATED NLT SIGNS		NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	△	

HOLD

△ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

NLT = "NO LEFT TURN" OR 

NRT = "NO RIGHT TURN" OR 

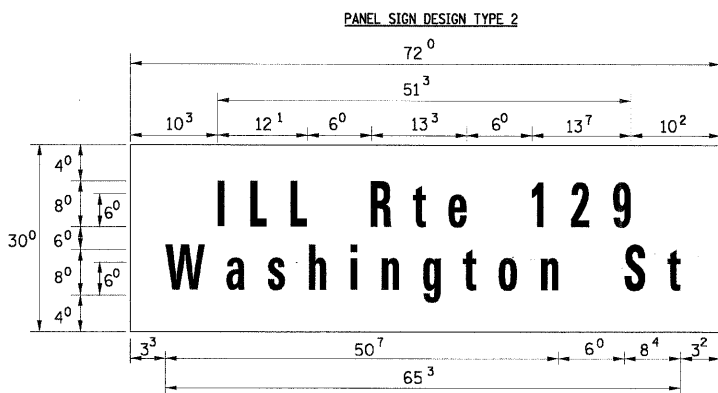
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAILROAD PREEMPTION SEQUENCE OF OPERATION
 IL RTE 53 AT IL RTE 113 AND
 IL RTE 129 AT IL RTE 113
 SCALE N.T.S. DRAWN BY FPB/FCP
 DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

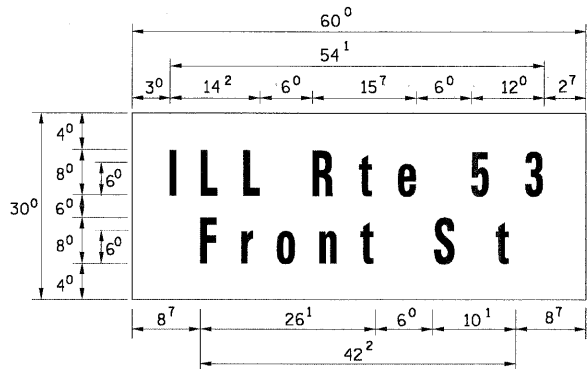
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

5/9/2007

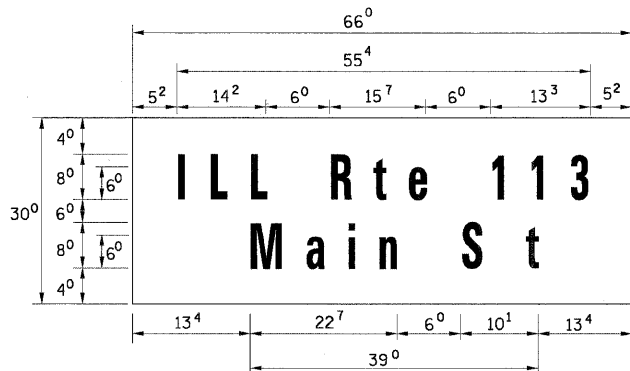
PLAS. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	94
BYA		TO STA.		
FED. ROAD DIST. NO. Y		ILLINOIS		FED. AID PROJECT



15.0 SQ. FT EACH
2 REQUIRED
DESIGN SERIES C



12.5 SQ. FT EACH
2 REQUIRED
DESIGN SERIES D



13.75 SQ. FT EACH
4 REQUIRED
DESIGN SERIES D

GENERAL NOTES

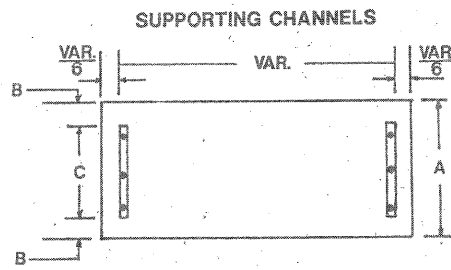
- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" X 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS 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 6'-0".
- ALL BORDERS SHALL BE 3/4" 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:

- A.K.T. CORPORATION
- SCHAUMBURG, IL
- TUCKER COMPANY, INC.
- WAUKESHA, WI
- AMERICAN FABRICATION CO.
- CHICAGO HEIGHTS, IL
- WESTERN TRAFFIC CONTROL INC.
- CICERO, IL

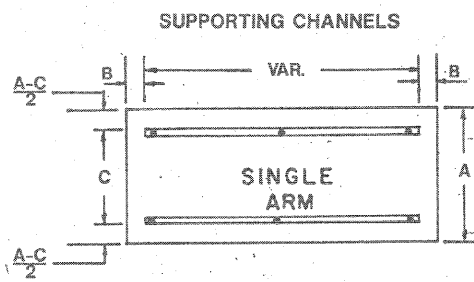
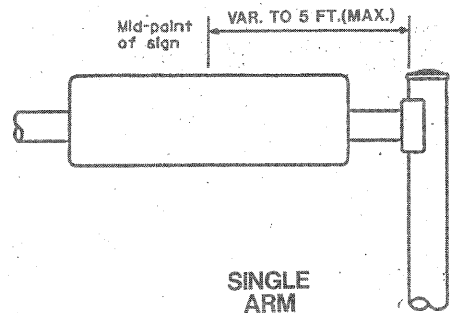
PARTS LISTING:

- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" X 1/4" X 1" H.W.H. #3
- BRACKETS PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

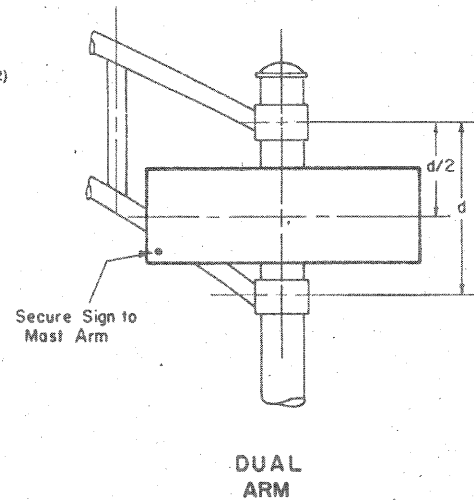
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.



A	B	C
18"	2"	14"



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



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM shall be used. See Note #5.

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

EXAMPLE, 2 DENOTES 3/8"

FIRST LETTER	SECOND LETTER															
	acde		bhikl		fw		j		st		vy		xz			
	C	D	C	D	C	D	C	D	C	D	C	D	C	D		
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	11	12
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21

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

FIRST LETTER	SECOND LETTER															
	acde		bhikl		fw		j		st		vy		xz			
	C	D	C	D	C	D	C	D	C	D	C	D	C	D		
adhgi	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17
lmnqu																
bfkops	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14
ce	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
r	06	10	12	14	06	10	03	03	05	05	06	06	10	06	10	
tz	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14
vy	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14

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

FIRST NUMBER	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	12	14	14	15	14	15	11	12	16	17	14	15
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	14	14	15	14	15	11	12	14	15	14	15	14	15
7	12	14	12	14	14	15	12	15	05	06	12	14	14	15	11	12	14	15	12	14
8	16	17	16	17	14	15	12	15	12	14	14	15	16	17	12	14	16	17	14	15

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS			
	SERIES		SERIES		SERIES		SERIES			SERIES		SERIES	
	C	D	C	D	C	D	C	D		C	D	C	D
A	36	50	50	65	a	35	42						
B	32	40	43	53	b	35	42						
C	32	40	43	53	c	35	41						
D	32	40	43	53	d	35	42						
E	30	35	40	47	e	35	42						
F	30	35	40	47	f	23	26						
G	32	40	43	53	g	35	42						
H	32	40	43	53	h	35	42						
I	07	07	11	12	i	11	11						
J	30	36	40	50	j	20	22						
K	32	41	43	54	k	35	42						
L	30	35	40	47	l	11	11						
M	37	45	51	61	m	60	70						
N	32	40	43	53	n	35	42						
O	34	42	45	55	o	36	43						
P	32	40	43	53	p	35	42						
Q	34	42	45	55	q	35	42						
R	32	40	43	53	r	26	32						
S	32	40	43	53	s	36	42						
T	30	35	40	47	t	27	32						
U	32	40	43	53	u	35	42						
V	35	44	47	60	v	42	47						
W	44	52	60	70	w	55	64						
X	34	40	45	53	x	44	51						
Y	36	50	50	66	y	46	53						
Z	32	40	43	53	z	36	43						

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	12	14	15	20
2	32	40	43	53
3	32	40	43	53
4	35	43	47	57
5	32	40	43	53
6	32	40	43	53
7	32	40	43	53
8	32	40	43	53
9	32	40	43	53
0	34	42	45	55

REVISIONS	
NAME	DATE
DAZ/DAG	11/90
	8-98

Illinois Department of Transportation
DISTRICT I
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: VERT. NONE HORIZ. 2-26-79
DRAWN BY: TJR
CHECKED BY: RKF

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	95
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

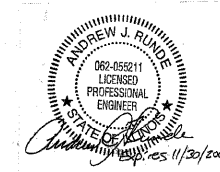
GENERAL NOTES:


1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF NES, IES, & IDOT STANDARDS.
2. WHERE SECTION OR SUB-SECTIONS MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY CONTRACTOR OPERATIONS.
3. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR UTILITIES TO PREVENT DAMAGE.
4. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES.
5. ALL STREET LIGHTING POLES SHALL USE TRANSFORMER BREAKAWAY BASES. BREAKAWAY DEVICES MUST MEET AASHTO AND FHWA PROVISIONS.
6. LUMINAIRE MOUNTING HEIGHT FOR REGULAR POLES SHALL BE 47.5 FEET. MOUNTING HEIGHT FOR COMBINATION POLES SHALL BE 45 FEET.
7. MAST ARMS FOR STREET LIGHTING SHALL BE TRUSS LUMINAIRE ARMS 12 FEET IN LENGTH.
8. ALL LUMINAIRES SHALL BE 310 WATTS, DISTRIBUTION TYPE III, MEDIUM, CUTOFF, AT 240 V.
9. SPLICING OF CONDUCTORS SHALL ONLY BE ALLOWED IN THE LIGHT POLE HANDHOLE. NO SPLICING OF CONDUCTORS WILL BE ALLOWED IN UNDERGROUND HANDHOLES.
10. SETBACK DIMENSIONS FOR LIGHT POLES ARE DIMENSIONED FROM THE FACE OF THE LIGHT POLE TO THE BACK OF CURB (BOC) OR EDGE OF TRAVELED PAVEMENT (EOP).
11. THE CONTROLLER SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT PER NEC 230.66.

TIME: 4:30:38 PM

DATE: 7/19/2007

FILENAME: S:\05\851-900\851\071\Notes\Sheets\General notes.dgn



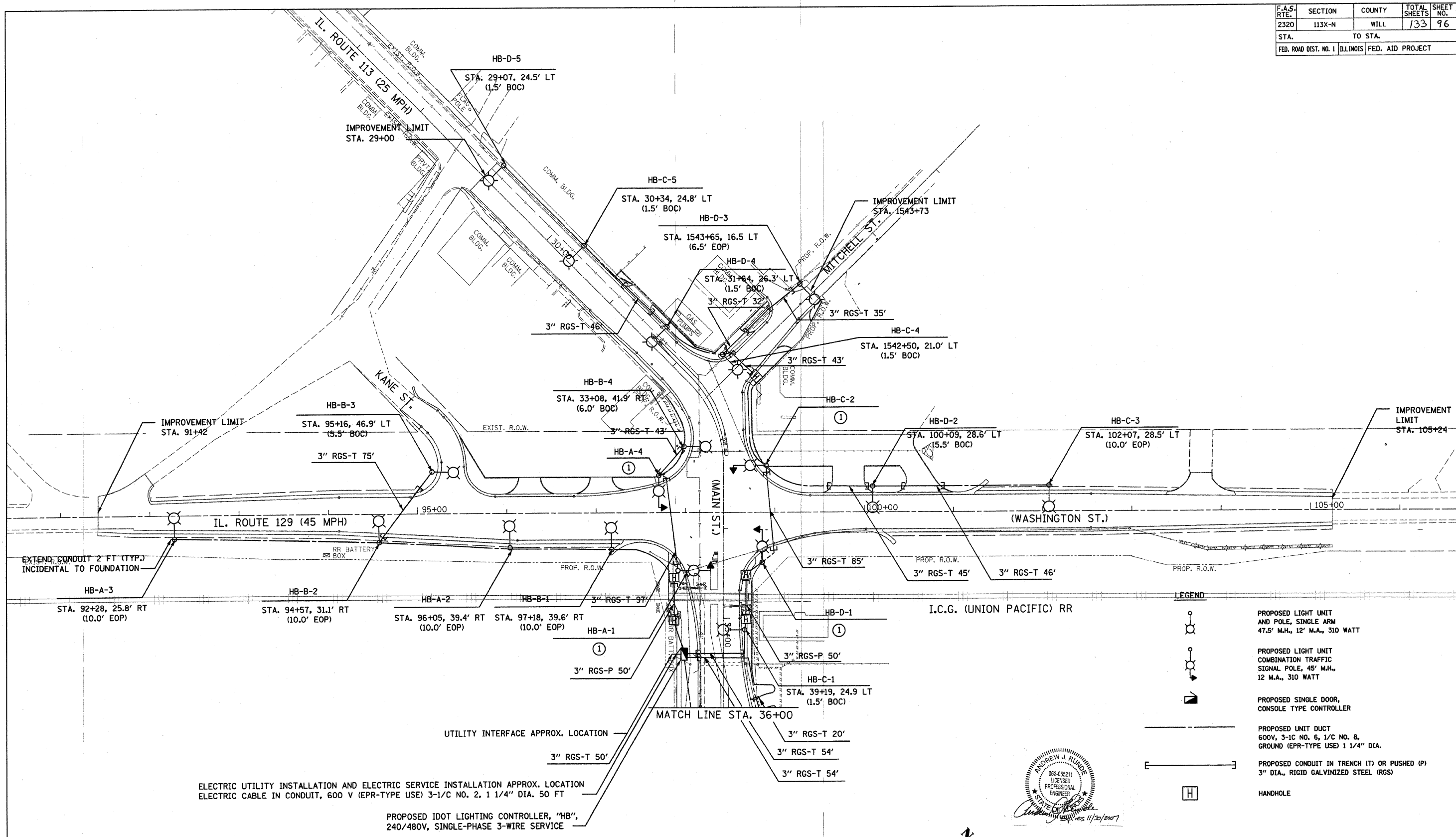
	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
	NAME	DATE	ILLINOIS ROUTE 113 AT	
			ILLINOIS ROUTE 129 AND ILLINOIS ROUTE 53	
			GENERAL NOTES	
			CITY OF BRAIDWOOD	
			BRAIDWOOD, ILLINOIS	
SCALE:	VERT. DATE	HORIZ. DATE	DRAWN BY	MAG
	7/18/2007		CHECKED BY	AJR

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	96
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TIME: 4:45:22 PM

DATE: 7/18/2007

FILENAME: S:\06\851-900\851\971\Micro\Sheets\RT113-05.dgn

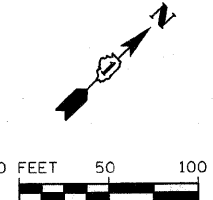
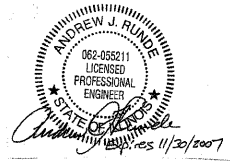


ELECTRIC UTILITY INSTALLATION AND ELECTRIC SERVICE INSTALLATION APPROX. LOCATION
 ELECTRIC CABLE IN CONDUIT, 600 V (EPR-TYPE USE) 3-1/C NO. 2, 1 1/4" DIA. 50 FT
 PROPOSED IDOT LIGHTING CONTROLLER, "HB",
 240/480V, SINGLE-PHASE 3-WIRE SERVICE

① REFER TO TRAFFIC SIGNAL PLANS FOR STATIONING AND SETBACK INFORMATION OF COMBINATION POLES.

LEGEND

	PROPOSED LIGHT UNIT AND POLE, SINGLE ARM 47.5' M.H., 12' M.A., 310 WATT
	PROPOSED LIGHT UNIT COMBINATION TRAFFIC SIGNAL POLE, 45' M.H., 12 M.A., 310 WATT
	PROPOSED SINGLE DOOR, CONSOLE TYPE CONTROLLER
	PROPOSED UNIT DUCT 600V, 3-1/C NO. 6, 1/C NO. 8, GROUND (EPR-TYPE USE) 1 1/4" DIA.
	PROPOSED CONDUIT IN TRENCH (T) OR PUSHED (P) 3" DIA., RIGID GALVANIZED STEEL (RGS)
	HANDHOLE



REVISIONS	
NAME	DATE

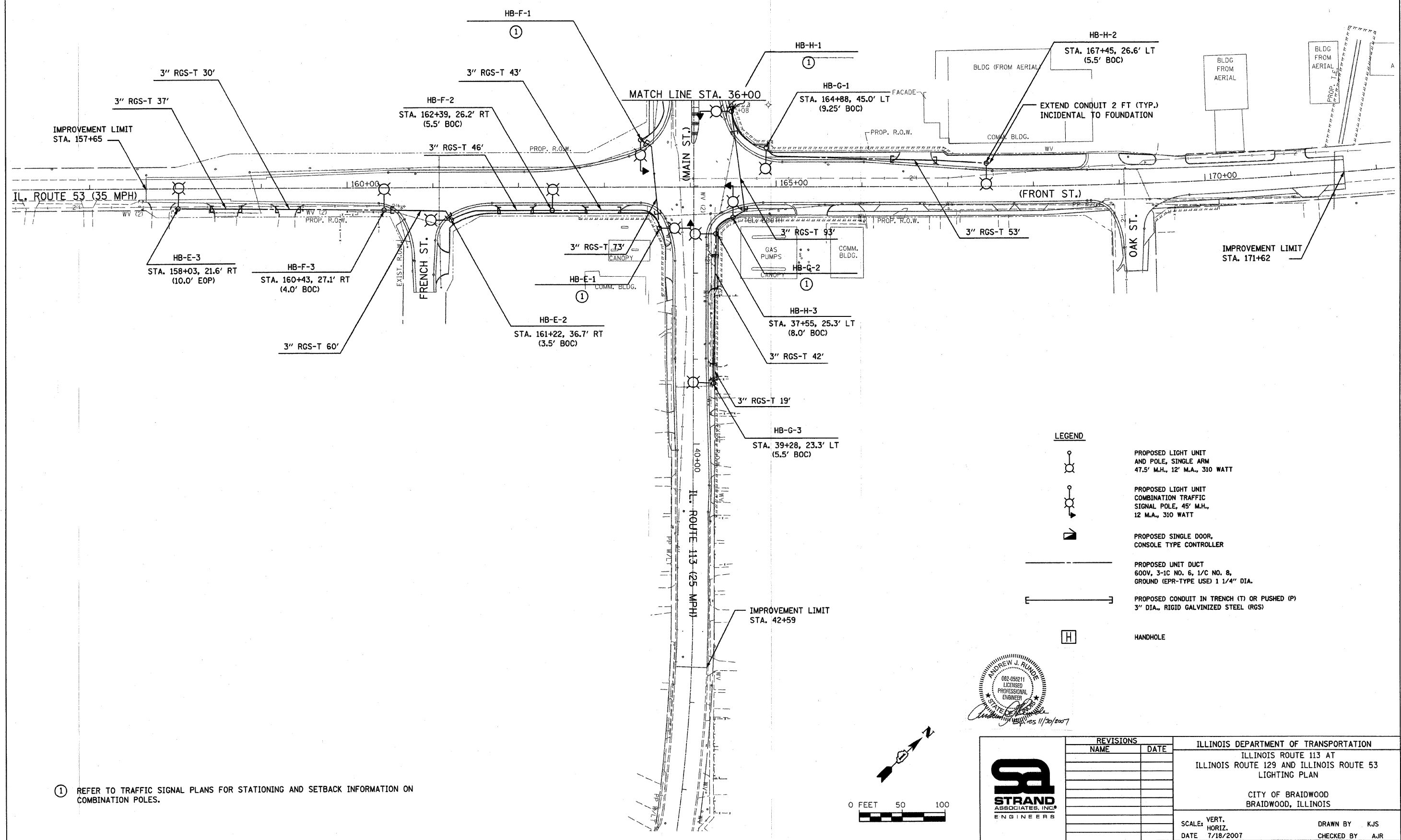
ILLINOIS DEPARTMENT OF TRANSPORTATION	
ILLINOIS ROUTE 113 AT ILLINOIS ROUTE 129 AND ILLINOIS ROUTE 53 LIGHTING PLAN	
CITY OF BRAIDWOOD BRAIDWOOD, ILLINOIS	
SCALE: VERT. HORIZ. DATE 7/18/2007	DRAWN BY KJS CHECKED BY AJS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	77
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

TIME: 4:36:23 PM

DATE: 7/18/2007

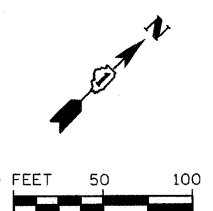
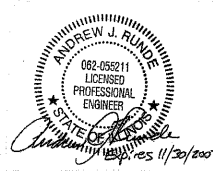
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LEGEND

- PROPOSED LIGHT UNIT AND POLE, SINGLE ARM
47.5' M.H., 12' M.A., 310 WATT
- PROPOSED LIGHT UNIT COMBINATION TRAFFIC SIGNAL POLE, 45' M.H., 12' M.A., 310 WATT
- PROPOSED SINGLE DOOR, CONSOLE TYPE CONTROLLER
- PROPOSED UNIT DUCT
600V, 3-1C NO. 6, 1/C NO. 8, GROUND (EPR-TYPE USE) 1 1/4" DIA.
- PROPOSED CONDUIT IN TRENCH (T) OR PUSHED (P)
3" DIA., RIGID GALVANIZED STEEL (RGS)
- HANDHOLE

① REFER TO TRAFFIC SIGNAL PLANS FOR STATIONING AND SETBACK INFORMATION ON COMBINATION POLES.



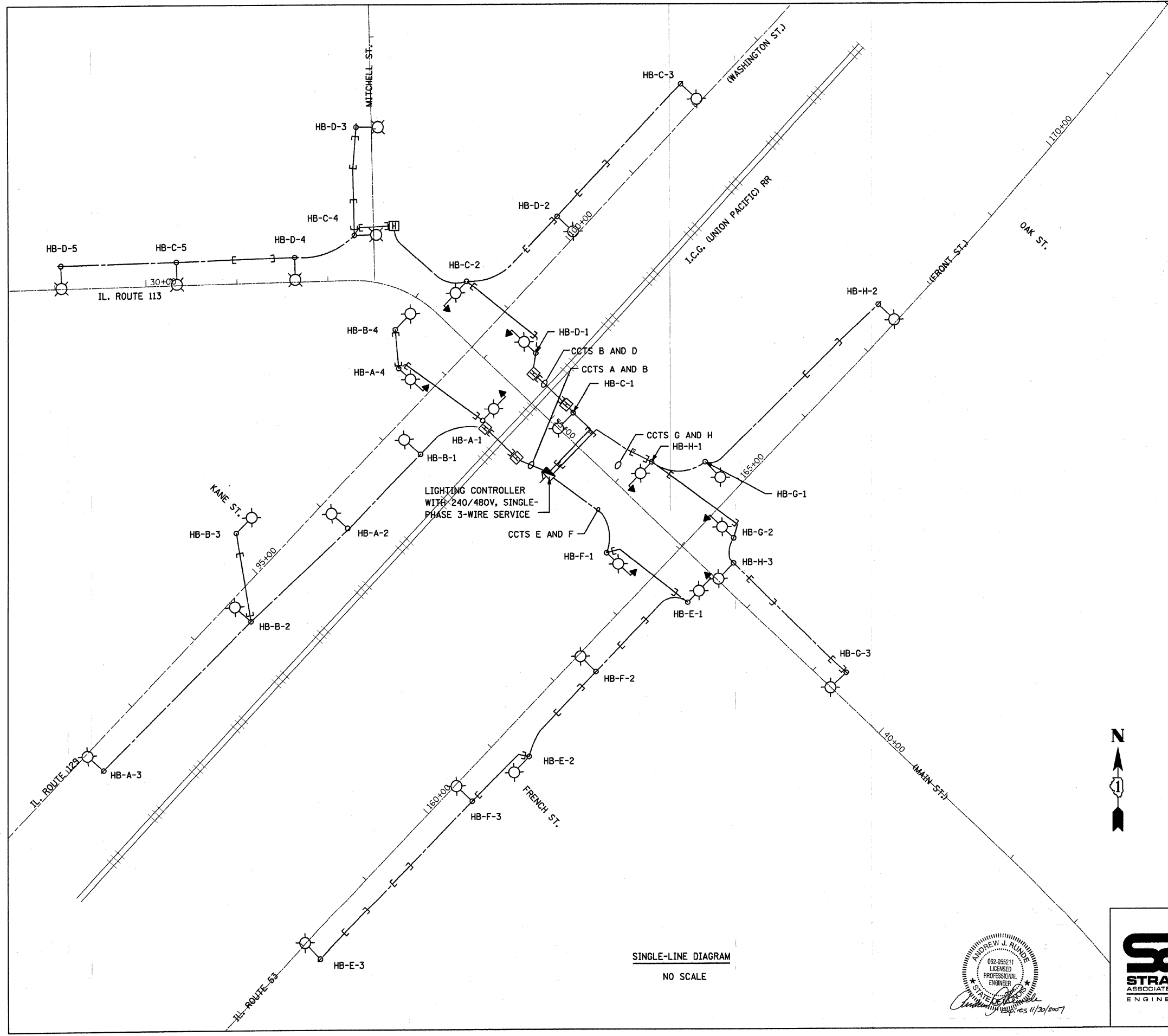
	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 113 AT ILLINOIS ROUTE 129 AND ILLINOIS ROUTE 53 LIGHTING PLAN CITY OF BRAIDWOOD BRAIDWOOD, ILLINOIS
	NAME	DATE	
SCALE: VERT. DATE 7/18/2007	DRAWN BY KJS CHECKED BY AJR		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	98
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

TIME: 4:31:23 PM

DATE: 7/18/2007

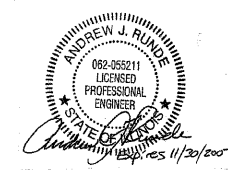
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LEGEND

- PROPOSED LIGHT UNIT AND POLE, SINGLE ARM
47.5' M.H., 12' M.A., 310 WATT
- PROPOSED LIGHT UNIT COMBINATION TRAFFIC SIGNAL POLE, 45' M.H., 12 M.A., 310 WATT
- PROPOSED SINGLE DOOR, CONSOLE TYPE CONTROLLER
- PROPOSED UNIT DUCT
600V, 3-1C NO. 6, 1/C NO. 8, GROUND (EPR-TYPE USE) 1 1/4" DIA.
- PROPOSED CONDUIT IN TRENCH (T) OR PUSHED (P)
3" DIA., RIGID GALVANIZED STEEL (RGS)
- HANDHOLE

CIRCUIT	RED PHASE LOAD (WATTS)	BLACK PHASE LOAD (WATTS)
A	1520	
B		1520
C	1900	
D		1900
E	1140	
F		1140
G	1140	
H		1140
TOTALS	5700	5700

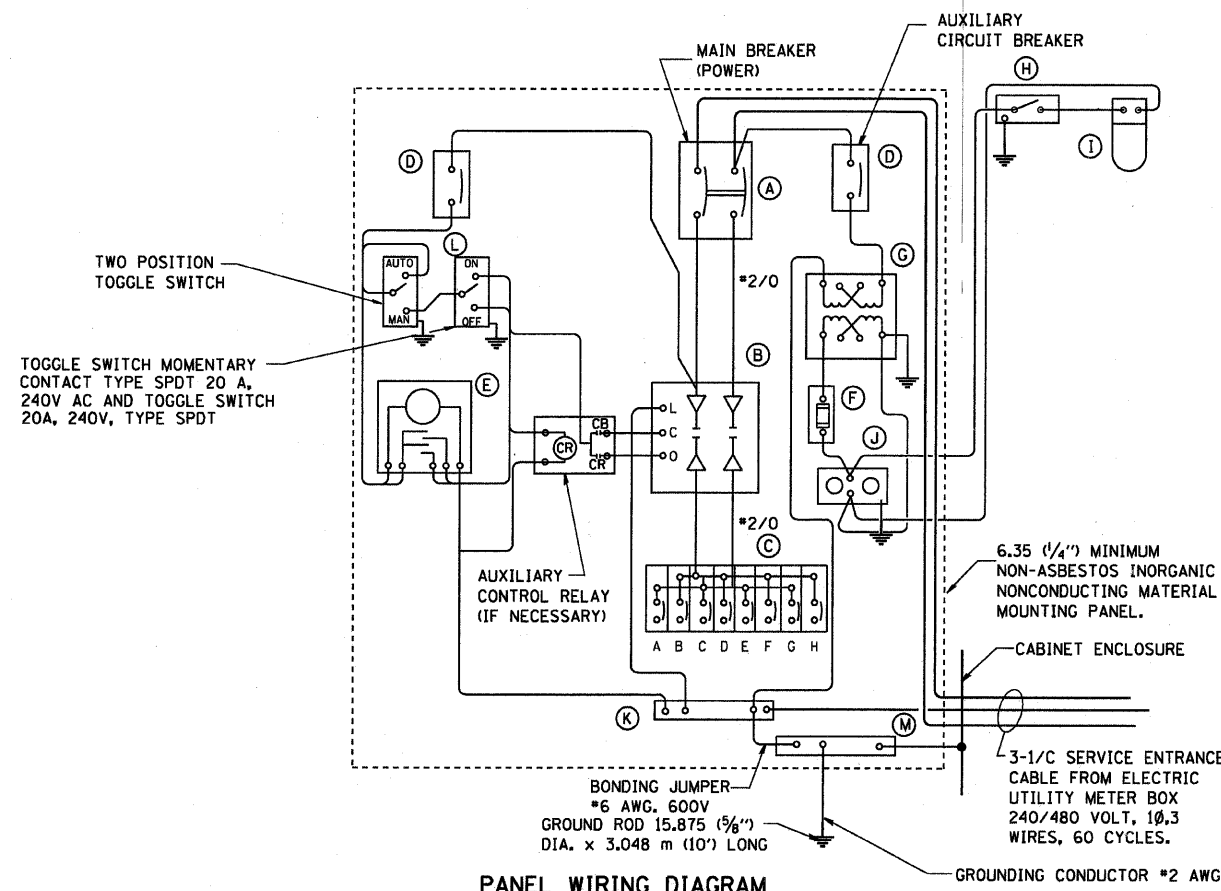


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION CITY OF BRAIDWOOD, ILLINOIS
NAME	DATE	
		<p style="text-align: center;">LIGHTING SINGLE LINE</p> <p>SCALE: VERT. DRAWN BY MAG HORIZ. CHECKED BY AJR DATE 7/18/2007</p>

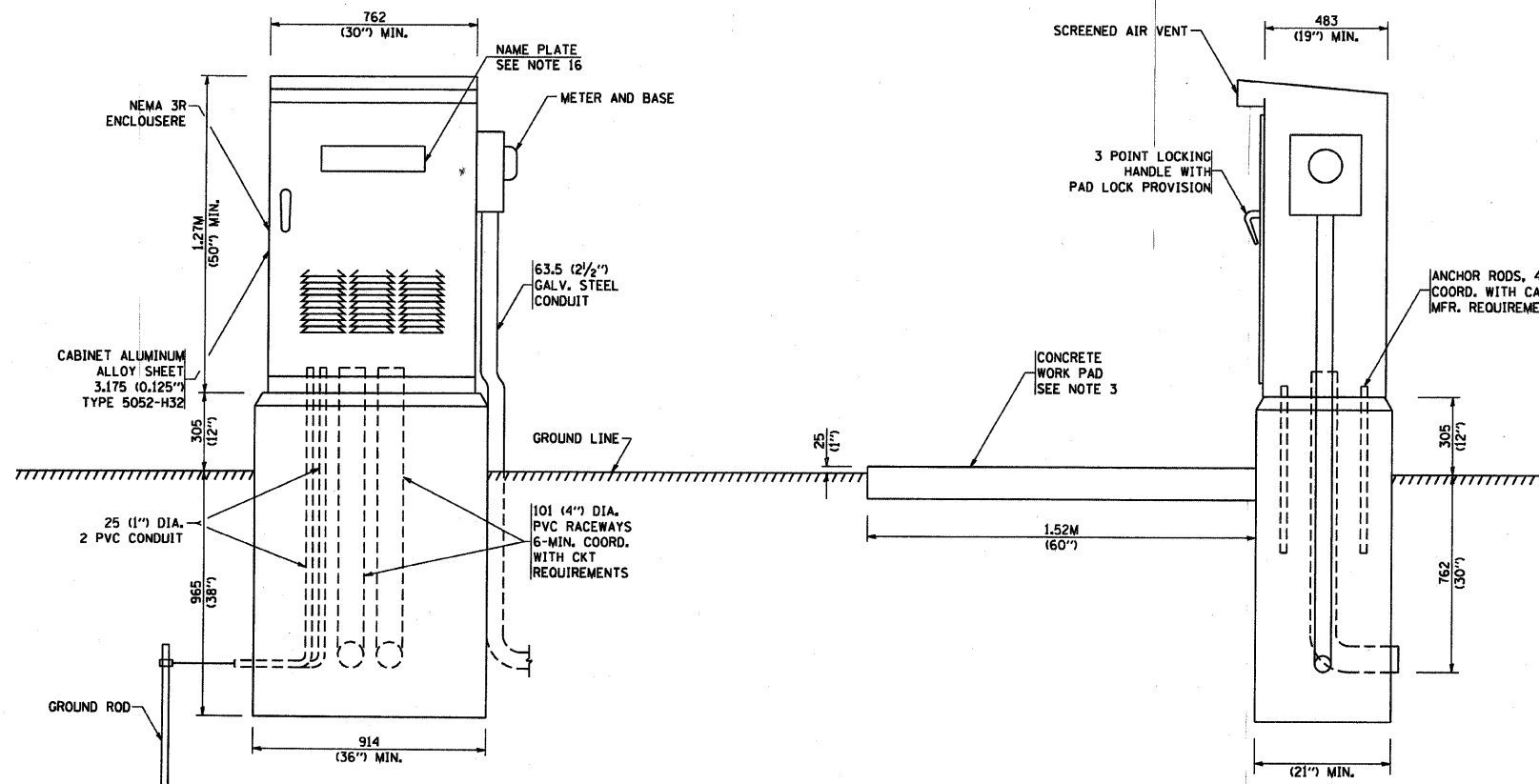
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	Will	133	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100AMP, FRAME, 100AMP, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT, WITH APPROPRIATE LINE-SIDE SURGE SUPPRESSION.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	10	CIRCUIT BREAKERS, 1 POLE, 100AMP, FRAME, 50 AMP, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100AMP, FRAME, 15AMP, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 HZ.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 6.35 (1/4") X 25.4 (1") X 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 101.6 (4") X 101.6 mm (4") BOX.
M	1	COPPER GROUND BUS 6.35 (1/4") X 25.4 (1") X 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS



PANEL WIRING DIAGRAM



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 50.8 mm (2") TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 914.4 mm (36") x 18.288 m (60") x 101 mm (4") MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 6.35 mm (1/4") DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL"
- 304.8 (12") X 406.4 mm (16") STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED

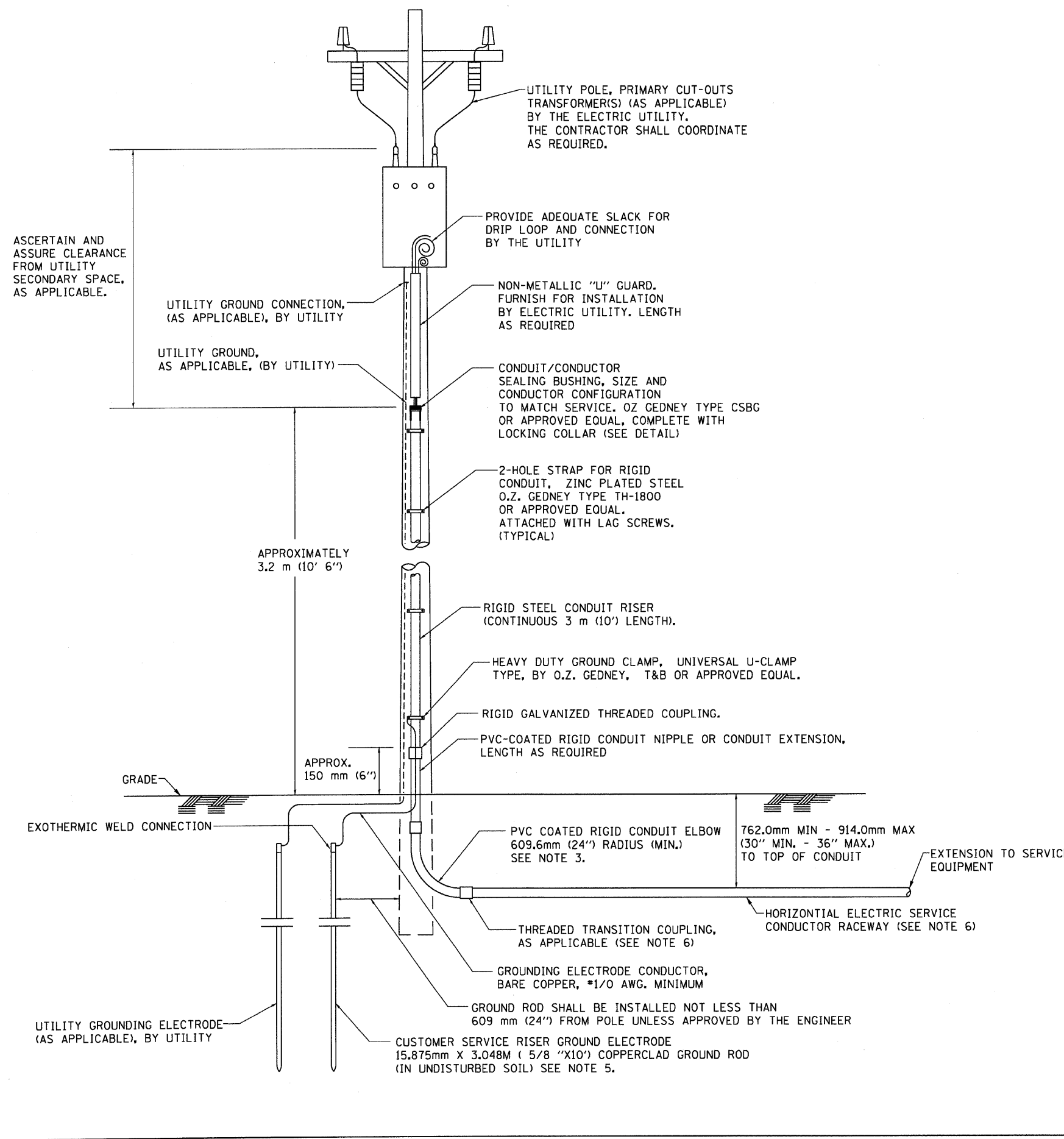
BE-215

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**LIGHTING CONTROLLER
 SINGLE DOOR**
 SCALE: NONE
 DATE: 2/15/2006
 DRAWN BY Jls
 CHECKED BY
 BE-215
 REVISION DATE: 08/20/04

PLOT DATE = 2/16/2006
 FILE NAME = \\s1\proj\2006\be215.dgn
 PLOT SCALE = 4x/31999 / IN.
 USER NAME = ggal1anob1

CONTRACT NO.				
F.A.G. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2520	113X-N	Will	133	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

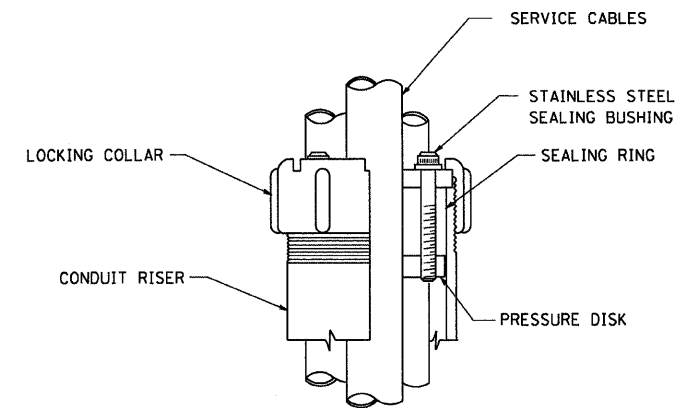


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

PLOT DATE = 4/25/2006
 PLOT SCALE = 1:1
 USER NAME = gajlambot

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ELECTRIC SERVICE INSTALLATION
 AERIAL, REMOTE DISCONNECT
 BE - 220**

SCALE: NONE
 DATE: 4/25/2006
 DRAWN BY
 CHECKED BY MEA

BE-220