

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	3
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				

GENERAL NOTES

- 10' TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEM OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF HUNTLEY, McHENRY COUNTY DIVISION OF TRANSPORTATION AND KANE COUNTY DIVISION OF TRANSPORTATION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SAND BAGS AND TWO (2) FLASHING BEACONS PER BARRICADE.
- WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE EXACT LOCATION OF PLANT PLACEMENT SHALL BE ADJUSTED IN THE FIELD TO AVOID UNDERGROUND AND OVERHEAD UTILITIES.
- SAW CUTTING WILL NOT BE PAID FOR SEPARATELY BUT SHOULD BE CONSIDERED INCLUDED TO ITEM BEING REMOVED. SAW CUTS FOR PATCHING OF PERMANENT PAVEMENT SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ARTICLE 442.
- ONLY METHOD 1 SHALL BE USED TO COMPACT THE TRENCH BACKFILL FOR STORM SEWERS.
- BEFORE ORDERING SS'S, CB'S, PC'S, PIPE DRAINS AND MH'S, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWING ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING UTILITY LOCATIONS, DIMENSIONS, AND ELEVATIONS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE IMPROVEMENTS OR PROPOSED WORK. THE CONTRACTOR SHALL REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS.
- REMOVAL OF EXISTING HEADWALLS AND END SECTIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE EXISTING STORM SEWER OR CULVERT BEING REMOVED.
- HOT-MIX ASPHALT QUANTITIES USED IN DESIGN AND CALCULATIONS ARE BASED ON 112 lb/sy/ln.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
- THE BITUMINOUS MATERIAL (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 GAL/YD².
- SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME AND TELEPHONE NUMBER OF THE RAILROAD ENGINEER IS MR ANDY RABADI, (847) 705-4256.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL CONTACT DEBBIE HANLON AT 847-438-2300 TWO WEEK PRIOR TO INSTALLING PERMANENT PAVEMENT MARKINGS.

- THE GUTTER WIDTH SHALL BE WIDENED TO ACCOMMODATE THE PROPOSED DRAINAGE STRUCTURE WHERE THE GUTTER WIDTH IS LESS THAN THE WIDTH OF THE PROPOSED DRAINAGE STRUCTURE. 10' TRANSITIONS SHALL BE USED TO TRANSITION THE GUTTER WIDTH. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED OR CONCRETE MEDIAN OF THE TYPE SPECIFIED.
- THE ACTUAL LIMITS OF POROUS GRANULAR EMBANKMENT, SUBGRADE WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE DETERMINED BY THE ENGINEER AND/OR SOILS INSPECTOR AFTER EXCAVATION TO THE PROPOSED SUBGRADE AND PROOF-ROLLING.
- THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL EXISTING TREES TO REMAIN IN PLACE WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANT MATERIAL IS DELIVERED TO THE JOBSITE. THIS WORK SHALL BE PAID FOR AS TEMPORARY FENCE.
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER IN STREAM WORK BY THE CONTRACTOR; THEREFORE AFTER AWARD, THE CONTRACTOR WILL NEED TO COORDINATE AND HAVE HIS WORK PLAN APPROVED BY THE CORPS. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE (WWW.LRC.USACE.ARMY.MIL).
- NO IN-STREAM WORK SHALL OCCUR WITHIN THE SOUTH BRANCH OF THE KISHWAUKEE RIVER BETWEEN APRIL 1 AND JUNE 15. ANY ADDITIONAL STAGING REQUIRED TO REMOVE THE EXISTING STRUCTURE AND CONSTRUCT THE BOX CULVERT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 893-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF HUNTLEY AND McHENRY COUNTY DIVISION OF TRANSPORTATION. THIS COORDINATION SHALL INCLUDE ALL UTILITY SERVICE DISCONNECTIONS. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF BUILDING REMOVAL.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR BUILDING DEMOLITION AND UTILITY DISCONNECTIONS. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF BUILDING REMOVAL.
- BACKFILL USED FOR ANY HOLES, SUCH AS BASEMENTS, SHALL BE FILLED WITH POROUS EMBANKMENT AND SHALL BE INCLUDED IN THE COST OF BUILDING REMOVAL.
- AT THE HIGHWAY-RAIL GRADE CROSSINGS AT IL ROUTE 47 AND MAIN STREET, LANE RESTRICTIONS, FLAGGING OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSINGS TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. THE COST OF FLAGGERS OR UNIFORMED LAW ENFORCEMENT OFFICERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- EXISTING GROUND, PAVEMENT AND UTILITIES SHOWN IN THE CROSS SECTIONS AND PLAN SHEETS ALONG IL RTE 47 AND KREUZTER ROAD BETWEEN THE SOUTHERN PROJECT LIMIT AND SOUTH BRANCH OF THE KISHWAUKEE RIVER WAS DEVELOPED BASED ON PRIVATE DEVELOPMENT PLANS AND NOT GROUND SURVEY. CONTRACTOR SHALL VERIFY ELEVATIONS AND LOCATION OF EXISTING GROUND, PAVEMENT AND UTILITIES PRIOR TO CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. IF DESIGN MODIFICATIONS ARE REQUIRED DUE TO VARIATIONS OF EXISTING CONDITIONS, THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
FULL DEPTH PAVEMENT (WEST LEG OF ALGONQUIN RD & MAIN ST)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 10"	4% @ 70 GYR.
FULL DEPTH PAVEMENT (ALL OTHER SIDE STREETS)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7 1/2"	4% @ 70 GYR.
HMA OVERLAY (EAST LEG OF ALGONQUIN RD)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4"	4% @ 90 GYR.
HMA RESURFACING (WEST LEG OF ALGONQUIN RD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
HMA RESURFACING (EAST LEG OF ALGONQUIN RD)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 1 3/4"	4% @ 90 GYR.
PATCHING (EAST LEG OF ALGONQUIN ROAD)	
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
SHOULDERS	
HMA SHOULDERS (HMA BINDER IL-19 mm), 6"	2% @ 30 GYR.
HMA SHOULDERS (HMA BINDER IL-19 mm), 8"	2% @ 30 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0 mm); PE-6", CE-8"	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 1 1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 7 1/4"	4% @ 50 GYR.
HMA PLUG (RAILROAD CROSSING)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 GYR.
HMA OVERLAY (EAST LEG OF KREUZTER RD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 1 1/2"	4% @ 70 GYR.

*THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

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

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

PLT DATE = Thursday, December 17, 2009
 USER = C:\CD\ut\ant\1063\gen\moran.sdf
 SCALE = 1/8" = 1'-0"
 USER NAME = 3898

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09



ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
GENERAL NOTES

SCALE: VERT. NO SCALE
 HORIZ. DATE: 10/27/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	4
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(105X		(106) WRS-2		

McHenry Co.

100% HUNTLEY

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY URBAN	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNAL				INTERCONNECT	LIGHTING	WATER MAIN & SAN. SEWER				
				80% FEDERAL	80% FEDERAL					50% STATE	50% STATE	50% STATE	50% STATE				100% LOCAL	80% FEDERAL	100% LOCAL	100% LOCAL
				20% STATE	20% STATE					50% LOCAL	50% LOCAL	25% LOCAL	25% LOCAL				60% LOCAL	20% STATE	100% LOCAL	100% LOCAL
				J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-1F	Y030-1E	Y060					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	525		525															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	546		546															
20100500	TREE REMOVAL, ACRES	ACRE	0.44		0.44															
20101000	TEMPORARY FENCE	FOOT	4463		4463															
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3											3						
20200100	EARTH EXCAVATION	CU YD	44,677	7,148	57,825															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	8,600	423	8,257															
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	389		389															
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	122		122															
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	8,600	423	8,257															
20800150	TRENCH BACKFILL	CU YD	52,890	1,000	32,699										19191					
# 21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	13,790	3,030	9,960		800													
# 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	82,849	13,544	69,305															
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	400												400					
# 25000300	SEEDING, CLASS 3	ACRE	0.43		0.43															
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1338	252	1086															
# 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1338	252	1086															
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1338	252	1086															
# 25100900	TURF REINFORCEMENT MAT	SQ YD	2,120		2,120															
# 25200110	SODDING, SALT TOLERANT	SQ YD	32,437		32,437															
# 25200200	SUPPLEMENTAL WATERING	UNIT	190		190															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,148	369	1,779															
28000300	TEMPORARY DITCH CHECKS	FOOT	140	60	80															
28000400	PERIMETER EROSION BARRIER	FOOT	35,931	2,640	33,291															
28000510	INLET FILTERS	EACH	451	46	405															
28100105	STONE RIPRAP, CLASS A3	SQ YD	103		103															
28100107	STONE RIPRAP, CLASS A4	SQ YD	325		325															
28100109	STONE RIPRAP, CLASS A5	SQ YD	60		60															
28200200	FILTER FABRIC	SQ YD	488		488															
35300305	PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4"	SQ YD	757		757															
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1303		1303															
35501316	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	8025	513	7455										57					
40600055	CONSTRUCTING TEST STRIP	EACH	10		10															
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	6		6															
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	63		63															
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N60	TON	95		95															
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1044	57	981															
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	57		57															
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N60	TON	568		568															
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 0 1/2"	SQ YD	7,341		7,341															
40701821	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"	SQ YD	6,096		6,096															
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	642		642															
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	112,401	13,511	98,493															
42001200	PAVEMENT FABRIC	SQ YD	38	46	68															

NOTE: ADDENDA TO SQY SHEETS ARE SHOWN AS Δ . ON ALL OTHER PLAN SHEETS THEY ARE INDICATED BY Δ .

SPECIALTY ITEM

PLOT DATE = 3/5/2009
 FILE NAME = S:\11-CADD\07-11-08\62882.dwg
 PLOT SCALE = 1:1
 USER NAME = 3699



REVISIONS	
NAME	DATE

ILLINOIS DEPT

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VERT. NO SCAL
 HORIZ. 3/5/2009

Rev. 12-28-09

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	5
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNALS					LIGHTING	WATER MAIN & SAN. SEWER					
				KANE COUNTY	McHENRY COUNTY					50% STATE	80% FEDERAL	50% STATE	50% STATE	50% STATE			50% STATE	100% LOCAL	80% FEDERAL	100% LOCAL	100% LOCAL
				URBAN	J000-2A					J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F			Y031-1F	Y031-1F	Y031-3D	Y031-1F	Y030-1E
42001300	PROTECTIVE COAT	SQ YD	153,922	16,507	137,415																
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	288		288																
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	141,997		32,224	109,773															
42400800	DETECTABLE WARNINGS	SQ FT	288		288																
44000100	PAVEMENT REMOVAL	SQ YD	101,997	16,218	85,779																
44000150	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	821	418	403																
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	368		368																
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	19,173	656	18,517																
44000300	CURB REMOVAL	FOOT	2,287		2,287																
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	23,878	2,001	21,877																
44000600	SIDEWALK REMOVAL	SQ FT	21,444		21,444																
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	27		27																
44002805	ISLAND REMOVAL	SQ FT	3,865	2,285	1,580																
44003100	MEDIAN REMOVAL	SQ FT	4,767		4,767																
44004250	PAVED SHOULDER REMOVAL	SQ YD	4,002	703	3,299																
44213200	SAW CUTS	FOOT	84		84																
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	217	213	4																
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	784	55	729																
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,630		1,630																
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1				1														
50105220	PIPE CULVERT REMOVAL	FOOT	1,834	81	1,753																
50200100	STRUCTURE EXCAVATION	CU YD	937		937																
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	651				651														
50300225	CONCRETE STRUCTURES	CU YD	337		293.5									43.5							
50300300	PROTECTIVE COAT	SQ YD	106		106																
50800105	REINFORCEMENT BARS	POUND	97,450				97,450														
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	24,500		22,750		610							1230							
50800305	WELDED WIRE FABRIC 6x6	SQ YD	304		2									302							
50800515	BAR SPLICERS	EACH	148				148														
51500100	NAME PLATES	EACH	1				1														
54000000	CONCRETE BOX CULVERTS	CU YD	415				415														
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6																		
54213680	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1																		
54213683	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1																		
54213689	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4																		
54213694	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1																		
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1																		
54214309	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND SIZE 24"	EACH	2																		
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND SIZE 30"	EACH	1																		
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	4																		
54247130	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1																		
54247130	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	2																		
54247130	GRATING FOR CONCRETE FLARED END SECTION 60"	EACH	1																		
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND SIZE 24"	EACH	2																		
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND SIZE 30"	EACH	1																		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	3314	215	3099																
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	222		222																

McHenry Co. 100% HUNTLEY

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-11-08\11-08-112.dwg
 PLOT SCALE = 1:1
 USER NAME = 3690



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Rev. 12-28-09

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	6
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• (105X & 106) WRS-2

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNALS								LIGHTING	WATER MAIN & SAN. SEWER
				KANE COUNTY	MCHENRY COUNTY			KREUTZER	MAIN	ALGONQUIN	REED	EVP	INTERCONNECT	100% LOCAL	100% LOCAL		
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE			50% STATE 50% LOCAL	50% STATE 50% LOCAL	50% STATE 25% LOCAL 25% COUNTY	50% STATE 50% LOCAL	100% LOCAL	80% FEDERAL 20% STATE	100% LOCAL	100% LOCAL		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	703	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y030-1E	Y060	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	463		463												
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	221		221												
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	8		8												
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	455		455												
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	8304	1296	7008												
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	477		477												
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	241		241												
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	442		442												
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	850		850												
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	1,410		1,410												
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1379		1155											224	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	200		200												
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	213	104	109												
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	955	999	76												
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	788		788												
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	2277		2277												
550A0640	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	148	142													
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	294	294													
550A0790	STORM SEWERS, CLASS A, TYPE 3 54"	FOOT	218		218												
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	1,143		1,143												
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	117		117												
55034500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	68		68												
55034700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 53, RISE 34	FOOT	136		136												
55035300	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	117		117												
55035400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	89		89												
55035500	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 34, RISE 22	FOOT	172		172												
55035600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	168		168												
55035700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 45, RISE 29	FOOT	242		242												
55036000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 68, RISE 43	FOOT	178		178												
55037000	STORM SEWERS, TYPE 3, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 60, RISE 38	FOOT	224	160	64												
55100300	STORM SEWER REMOVAL 8"	FOOT	200		200												
55100400	STORM SEWER REMOVAL 10"	FOOT	53		53												
55100500	STORM SEWER REMOVAL 12"	FOOT	2415	34	2381												
55100700	STORM SEWER REMOVAL 15"	FOOT	965		965												
55100900	STORM SEWER REMOVAL 18"	FOOT	3,071		3,071												
55101200	STORM SEWER REMOVAL 24"	FOOT	1,182		1,182												
55101500	STORM SEWER REMOVAL 33"	FOOT	4,638		4,638												
55101800	STORM SEWER REMOVAL 42"	FOOT	842	442	400												
552A0600	STORM SEWERS JACKED IN PLACE, CLASS A 18"	FOOT	54		54												
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	1,180		370											810	
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	306													306	
56103200	DUCTILE IRON WATER MAIN 10"	FOOT	1,354													1354	
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	4,311													4311	
56400600	FIRE HYDRANTS	EACH	26		1											25	

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\UT-CADD\09\104-084-012.sum.ctb
 PLOT SCALE = 1:1
 USER NAME = 3598



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
 HORIZ. NO SCALE
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Rev. 12-28-09

REV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	7
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

McHenry Co.

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNALS									
				KANE COUNTY	MCHENRY COUNTY			KREUTZER	MAIN	ALGONQUIN	REED	EVP	INTERCONNECT	LIGHTING	WATER MAIN & SAN. SEWER		
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE			50% STATE 50% LOCAL	80% FEDERAL 20% STATE	50% STATE 50% LOCAL	50% STATE 25% LOCAL 25% COUNTY	50% STATE 50% LOCAL	100% LOCAL	80% FEDERAL 20% STATE	100% LOCAL	100% LOCAL	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	78														
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2														
60107600	PIPE UNDERDRAINS 4"	FOOT	2362	115	2247												
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	20		20												
60109600	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	311		311												
60200605	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	31	2	29												
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	43	2	41												
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	205	14	191												
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2		2												
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1		1												
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	1		1												
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	29	2	27												
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	27	0	27												
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	85		85												
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	24	6	18												
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25	1	24												
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2		2												
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	1	1												
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	5	1	4												
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	42	7	35												
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	5		5												
60248000	JUNCTION CHAMBER, NO. 1	EACH	1		1												
60248100	JUNCTION CHAMBER, NO. 2	EACH	1		1												
60248200	JUNCTION CHAMBER, NO. 3	EACH	1		1												
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	1	4												
60255600	MANHOLES TO BE ADJUSTED	EACH	36		14												22
60260100	INLETS TO BE ADJUSTED	EACH	10	3	7												
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6														6
60500040	REMOVING MANHOLES	EACH	83		65												25
60500050	REMOVING CATCH BASINS	EACH	39	6	33												
60500060	REMOVING INLETS	EACH	49	1	48												
60600605	CONCRETE CURB, TYPE B	FOOT	2637		2608												29
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8.12	FOOT	1846	569	1277												
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8.24	FOOT	41,605	3875	37,730												
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8.24 (SPECIAL)	FOOT	225		225												
60609900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	85	85													
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1489	1441	48												
60619124	CONCRETE MEDIAN, TYPE SB-8 (SPECIAL)	SQ FT	33,189	3246	29,959												884
60619600	CONCRETE MEDIAN, TYPE SB-8.12	SQ FT	8,785		8,785												
60620000	CONCRETE MEDIAN, TYPE SB-8.24	SQ FT	8,336		8,336												
60624800	CORRUGATED MEDIAN	SQ FT	3734	370	3279												85
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6' POSTS	FOOT	800.0		800.0												
63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 8' POSTS	FOOT	650	100	550												
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6		6												

SPECIALTY ITEM

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 USER NAME = 3639

Rev. 12-28-09

Rev.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES
 SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009
 DRAWN BY: F.D.
 CHECKED BY: A.J.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	8
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNALS				LIGHTING	WATER MAIN & SAN. SEWER
				KANE COUNTY	McHENRY COUNTY					ALGONQUIN	REED	EVP	INTERCONNECT		
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE					50% STATE 50% LOCAL	50% STATE 50% LOCAL	100% LOCAL	80% FEDERAL 20% STATE		
# 83100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-5D	Y031-1F	Y030-1E	Y060
# 83200310	GUARDRAIL REMOVAL	FOOT	1,817												
# 86400305	CHAIN LINK FENCE, 6'	FOOT	57												
# 86400535	CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE	FOOT	70												
# 87000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	24												
# 87100100	MOBILIZATION	L SUM	1												
# 89800105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1												
# 89900200	NON-SPECIAL WASTE DISPOSAL	CU YD	470												
# 89900400	SPECIAL WASTE GROUND WATER DISPOSAL	GALLON	345												
# 89900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1												
# 89900530	SOIL DISPOSAL ANALYSIS	EACH	3												
# 89901000	BACKFILL PLUGS	CU YD	120												
# 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1												
# 70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	555												
# 70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	980	218	768										
# 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	71,104	9,433	61,671										
# 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,128	546	2,582										
# 70300280	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	327	113	214										
# 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	620	67	553										
# 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	26,666		26,666										
# 70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,740		2,740										
# 70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,220		1,220										
# 70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	50		50										
# 72000100	SIGN PANEL - TYPE 1	SQ FT	832	23	504			73	132	73	27				
# 72000100	METAL POST - TYPE A	FOOT	619	42	473				104						
# 72000200	METAL POST - TYPE B	FOOT	252		252										
# 78000200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	SQ FT	2,710	297	2,419										
# 78000210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	18,499	2,226	16,273										
# 78000230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	21,582	1,228	20,354										
# 78000240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	200	280											
# 78000250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	2,577	626	1,951										
# 78000270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	1,356	84	1,272										
# 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,142	124	1,018										
# 78100100	GUARDRAIL MARKERS, TYPE A	EACH	36	3	33										
# 78300100	PAVEMENT MARKING REMOVAL	SQ FT	9,457	69	9,388										
# 80400100	ELECTRIC SERVICE INSTALLATION	EACH	3												
# 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1												
# 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	12,156					546	637	1,051	653		8884	385	
# 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	384					116	65	85	118				
# 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	171					44	68	59					
# 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	236					75	74	87					
# 81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	40					10	10	10	10				
# 81017510	CONDUIT IN TRENCH, 1" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	580											580	
# 81017515	CONDUIT IN TRENCH, 1 1/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	1,120											1,120	
# 81018500	CONDUIT, PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	3,292					325	482	274	148		1,113	910	
# 18201000	TERMINAL MARKER - DIRECT APPLIED	EACH	72	2	70										

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
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 PLOT SCALE = 1:1
 USER NAME = 3698



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCAL.
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Rev. 12-28-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	9
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BCX CULVERT	TRAFFIC SIGNALS								LIGHTING	WATER MAIN & SAN. SEWER
				KANE COUNTY	MCHENRY COUNTY			KREUTZER	MAIN	ALGONQUIN	REED	EVP	INTERCONNECT				
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE			50% STATE 50% LOCAL	80% FEDERAL 20% STATE	50% STATE 50% LOCAL	50% STATE 25% LOCAL 25% COUNTY	50% STATE 50% LOCAL	100% LOCAL	80% FEDERAL 20% STATE	100% LOCAL		
# 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	105														
# 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	1,025													1025	
# 81018800	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2,386					482	958	455	491						
# 81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	635													635	
# 81400100	HANDHOLE	EACH	40					6	9	6	4			15			
# 81400200	HEAVY-DUTY HANDHOLE	EACH	15					4	2	4	5						
# 81400300	DOUBLE HANDHOLE	EACH	9					2	3	2	2						
# 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	9													9	
# 81702120	ELECTRIC CABLE IN CONDUIT, 600V (ALP-TYPE USE) 1/C NO. 8	FOOT	3,100													3100	
# 81702130	ELECTRIC CABLE IN CONDUIT, 600V (ALP-TYPE USE) 1/C NO. 6	FOOT	5,170													5170	
# 81702460	ELECTRIC CABLE IN CONDUIT, 600V (ALP-TYPE USE) 3-1/C NO. 3/0	FOOT	520													520	
# 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	25,138					761	826	1,105	752		8,884			12810	
# 82500508	LIGHTING CONTROLLER TYPE CB-RS	EACH	3													3	
# 83600210	LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	530													530	
# 83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	429													429	
# 83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	12													12	
# 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1					1									
# 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4					1	1	1	1						
# 86400100	TRANSCEIVER - FIBER OPTIC	EACH	4					1	1	1	1						
# 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4,044						1,036	1,5	1,433						
# 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8,368						1,553	1,647	1,551		3,617				
# 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	15,452					3,549	7,474	3,105	1,324						
# 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6,122					1,163	873	1,482	2,824						
# 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	13,382					3,385	3,388	3,754	2,854						
# 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	346					30	134	45	140						
# 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	8					1	6	1							
# 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1						1								
# 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	10					3		3	4						
# 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1					1									
# 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3						1		2						
# 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1								1						
# 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1								1						
# 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1								1						
# 87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	2					1		1							
# 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1														
# 87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1					1									
# 87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	3					1			1						
# 87700430	STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.	EACH	1														
# 87700424	STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1								1						
# 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	76					16	28	16	16						
# 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16					4	4	4	4						
# 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	135					30	30	45	30						
# 87900200	DRILL EXISTING HANDHOLE	EACH	1										1				
# 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	38					9	16	9	4						
# 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4														

SPECIALTY ITEM

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REV. 12-28-09



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	10
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY <i>URBAN</i>	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNALS				LIGHTING	WATER MAIN & SAN. SEWER				
				KA. E COUNTY	MCHEMRY COUNTY					50% STATE	50% STATE	50% STATE	50% STATE			100% LOCAL	80% FEDERAL	100% LOCAL	100% LOCAL
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE					50% LOCAL	50% LOCAL	25% LOCAL 25% COUNTY	50% LOCAL			100% LOCAL	20% STATE	100% LOCAL	100% LOCAL
# 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	2							2									
# 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12						3		3	6							
# 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4						1	2	1								
# 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2									2							
# 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8						3		3	2							
# 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16							2	8	6							
# 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4							3		1							
# 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	52						12	18	12	10							
# 88500100	INDUCTIVE LOOP DETECTOR	EACH	50						13	12	12	13							
# 88700200	LIGHT DETECTOR	EACH	15										15						
# 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4										4						
# 88800100	PEDESTRIAN PUSH-BUTTON	EACH	20							5	8	7							
# 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3							1	1	1							
# 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3							1	1	1							
# 89502380	REMOVE EXISTING HANDHOLE	EACH	36							16	9	11							
# 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	26							12	9	5							
# 89502500	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1						1										
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	153,194	16,441	136,753										365				
Z0013768	CONSTRUCTION LAYOUT	L SUM	1		1														
Z0017202	DOWEL BARS 1 1/2"	EACH	65		65														
Z0022800	FENCE REMOVAL	FOOT	1,814		1,814														
# Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	10		10														
# Z0030320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	9		9														
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1														
Z0050900	REMOVE CONCRETE FOUNDATION	EACH	6		6														
Z0067000	STEEL CASING 6"	FOOT	42												42				
Z0067100	STEEL CASINGS 6"	FOOT	182							182									
Z0067300	STEEL CASING 12"	FOOT	309												309				
Z0067600	STEEL CASING 18"	FOOT	467												467				
Z0068200	STEEL CASINGS 30"	FOOT	54		54														
Z0075310	TIE BARS 3/4"	EACH	4		4														
# A2000120	TREE, ACER X FREEMANI AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	8	6														
# A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9		9														
# A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12		12														
# A2007720	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9		9														
# B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	10		10														
# B2001666	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	8		8														
# B2004516	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10		10														
# B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	9	9															
# C2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	9		9														
# X0002007	AGGREGATE BICYCLE PATH	SQ YD	1,689		1,689														
# X0002264	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	210							210									
# X0005463	ADJUST FIRE HYDRANT WITH AUXILIARY VALVE	EACH	8												8				

SPECIALTY ITEM

PLOT DATE = Monday, August 16, 2009
 FILE NAME = S:\11-CADD\01-h\11-0804-012.ssm_of_quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3699

Rev. 12-28-09



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	11
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

(105X & 106) WRS-2

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNALS					LIGHTING	WATER MAIN & SAN. SEWER		
				KANE COUNTY	McHENRY COUNTY					ALGONQUIN	REED	EVP	INTERCONNECT	100% LOCAL			100% LOCAL	100% LOCAL
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE					50% STATE 25% LOCAL 25% COUNTY	50% STATE 50% LOCAL	50% STATE 50% LOCAL	80% FEDERAL 20% STATE	100% LOCAL			100% LOCAL	100% LOCAL
X0005656	INLET FILTER CLEANING	EACH	902	92	810	SFTY-18	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-1F	Y030-1E	Y060			
X0006263	SANITARY MANHOLE 4-DIAMETER	EACH	25												25			
X0006851	STORM SEWER (WATER MAIN REQUIREMENTS) SPAN 53, RISE 34	FOOT	113	4											113			
X0172700	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3													
X0300020	WATER SERVICE CONNECTION	EACH	17												16			
X0301164	DRILL AND GROUT #6 TIE BARS	EACH	4	3	12													
X0320601	DRAINAGE STRUCTURES, TYPE T (SPECIAL)	EACH	15															
X0320615	SLEEPER SLAB	FOOT	473	152	321													
X0321100	GEOTEXILE RETAINING WALL	SQ FT	161			161												
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	2	2	723										321			
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	308		139										170			
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	175												175			
X0322126	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	153												153			
X0322127	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	224		16										208			
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	1,046	64	982													
X0322625	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C	FOOT	12,047										12,047					
X0323670	PREFORMED DETECTOR LOOP	FOOT	4,986				1,453	1,375	573	1,585								
X0323797	PAINT NEW TRAFFIC SIGNAL POST	EACH	18				3	7	4	4								
X0323817	SEDIMENT CONTROL, SILT CURTAIN	EACH	1		1													
X0323868	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,007		901	700												
X0324232	PAINT NEW MAST ARM POLE, UNDER 40 FEET	EACH	4				1	1		2								
X0325141	PAINT NEW MAST ARM POLE, 40 FEET AND OVER	EACH	12				3	3	4	2								
X0325705	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1										1					
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4				1	1	1	1								
X0325546	WET PAVEMENT MARKING TAPE, TYPE III, 8 INCH	FOOT	355		355													
X0325547	WET PAVEMENT MARKING TAPE, TYPE III, 24 INCH	FOOT	2,598	180	2,418													
X0712400	TEMPORARY PAVEMENT	SQ YD	18,485	3,148	15,342													
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	20		20													
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	80	1	56													
X4420500	TEMPORARY PAVEMENT PATCH	SQ YD	516	183	333													
X6083600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	300		300													
X7011005	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	L SUM	1		1													
X7050165	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	EACH	1		1													
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	4				1	1	1	1								
X8210405	LUMINAIRE SHIELD	EACH	12												12			
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	4				1	1	1	1								
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62 5/125, MM12F SM12F	FOOT	12,125										12,125					
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1/C	FOOT	4,389				1,017	1,511	911	950								
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	3,617										3,617					
X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1											
X0325542	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2,736	1091	1645													
X0015505	TIMBER RETAINING WALL REMOVAL	FOOT	129		129													
X0926722	ESCAPE AREA CONCRETE MEDIAN	SQ FT	3,442		3,442													

SPECIALTY ITEM
 * 100% LOCAL COST = 100% HUNTLEY Y030-1E

PLOT DATE = Monday, August 19, 2008
 FILE NAME = S:\11-CADD\01-MX\804-812.sum_of_quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3698

Rev. 12-28-09

Rev.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE. 326	SECTION *	COUNTY McHENRY	TOTAL SHEETS 502	SHEET NO. 12
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2

McHenry County

100% HUNTLEY

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY URBAN	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNALS		LIGHTING	WATER MAIN & SAN. SEWER
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE			KREUTZER	MAIN		
				J000-2A	J000-2A			Y031-1F	Y031-1F		
X0326723	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LETTERS & SYMBOLS	SQ FT	473		473						
X0326724	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 4"	FOOT	8479		8479						
X0326725	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 6"	FOOT	3820		3820						
X0326726	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 12"	FOOT	668		668						
X0326727	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 24"	FOOT	121		121						
X0326732	HOT-MIX ASPHALT SURFACE REMOVAL FOR RECESSED PAVEMENT MARKINGS, 0.1 INCH DEPTH	SQ FT	6120		6120						
X0326720	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	167					42	50	25	50
X0326728	WET PAVEMENT MARKING TAPE, TYPE III-LETTERS AND SYMBOLS	SQ FT	4196	364	3832						
X0326729	WET PAVEMENT MARKING TAPE, TYPE III-4 INCH	FOOT	191,486	23,480	168,006						
X0326730	WET PAVEMENT MARKING TAPE, TYPE III-6 INCH	FOOT	16,925	1,654	15,271						
X0326731	WET PAVEMENT MARKING TAPE, TYPE III-12 INCH	FOOT	2,481	458	2,023						
X0326733	SEWER SANITARY PVC SDR 26, 6"	FOOT	891								891
X0326734	SEWER SANITARY PVC SDR 26, 8"	FOOT	1,918								1918
X0326735	SEWER SANITARY PVC SDR 26, 10"	FOOT	270								270
X0326736	SEWER SANITARY PVC SDR 26, 12"	FOOT	480								480
X0326737	SEWER SANITARY PVC SDR 26 (WATER MAIN QUALITY), 8"	FOOT	204								204
60226400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1								1
X0326738	CLEAN SANITARY MANHOLE	EACH	2								2
X0326740	LINE MANHOLE	FOOT	34								34
X0326739	EXISTING CLEAN SANITARY SEWER	FOOT	101								101
XX006247	SANITARY SEWER REMOVAL	FOOT	3,171								3171
X0326741	REPLACE FRAMES AND ADJUSTMENTS	EACH	2								2
X0326744	PLUG PIPE PENETRATION	EACH	1								1
X0326745	SANITARY SEWER LIFT STATION	L SUM	1								1
X0326746	SANITARY SEWER LIFT STATION ABANDONMENT	L SUM	1								1
X0326747	SANITARY FORCE MAIN, 6"	FOOT	945		650						295
X0326748	CLEAN-OUT MANHOLE	EACH	1								1
20061100	AIR RELEASE VALVE	EACH	1								1
X0326750	STEEL CASING PIPE, BORE AND JACK, 18"	FOOT	70		70						
20067450	STEEL CASINGS 15'	FOOT	67								67
X0326755	VALVE VAULT, 5' DIAMETER, WITH 12" VALVE	EACH	13								13
X0326754	VALVE VAULT, 5' DIAMETER, WITH 10" VALVE	EACH	7		2						5
X0326753	VALVE VAULT, 4' DIAMETER, WITH 8" VALVE	EACH	7								7
X0326752	VALVE VAULT, 4' DIAMETER, WITH 6" VALVE	EACH	9								9
X0326751	VALVE VAULT 4" VALVE	EACH	1								1
X0326750	WATER MAIN REMOVAL	FOOT	7,196		370						6826
60266500	VALVE VAULTS TO BE REMOVED	EACH	10								10
60400500	FIRE HYDRANTS TO BE REMOVED	EACH	14								14
X0326756	LIGHT POLE, COMPLETE IN PLACE, PE 1	EACH	78								78
X0326757	LIGHT POLE, COMPLETE IN PLACE, TYPE 2	EACH	8								8
X0326758	UNIT DUCT, 600V, 4/C #6, 2/C #8, 1/C #8 NEUTRAL & 1/C #6 (DLP TYPE-USE) 1 1/2" DIAMETER H-PIPE, IN TRENCH	FOOT	14,940								14940
X4420540	CLASS B PATCHES, TYPE IV, 8 1/4 INCH	SQ YD	27		27						
20070600	TRAINERS	HR	2,000	2,000							

© Y080
SPECIALTY ITEM

PLOT DATE = Monday, August 18, 2009
FILE NAME = s:\11-csod\01-shs\084-012-sum-of-quant.dgn
USER NAME = 38590



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 48
SUMMARY OF QUANTITIES

SCALE: VERT. NO SCALE
HORIZ. 1"=40'

DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: A.A.C.

Rev. 12-28-09

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	12A
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNALS								LIGHTING	WATER MAIN & SAN. SEWER
				80% FEDERAL	80% FEDERAL			50% STATE	80% FEDERAL	KREUTZER	MAIN	ALGONQUIN	REED	EVP	INTERCONNECT		
				20% STATE	20% STATE			50% LOCAL	20% STATE	50% LOCAL	50% LOCAL	50% LOCAL	25% LOCAL	50% LOCAL	100% LOCAL		
				KANE COUNTY	McHENRY COUNTY												
				URBAN													
				J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y030-1E	Y060	
* 25000210	SEEDING, CLASS 2A	ACRE	7.34	2.05	5.29												
* 25000310	SEEDING, CLASS 4	ACRE	2.04	0.75	1.29												
25100830	EROSION CONTROL BLANKET	SQ YD	40,292	13,544	26,748												
40800200	BITUMINOUS MATERIALS (PRIME COAT)	TON	29	1	28												
60249400	VALVE BOXES 6"	EACH	6														6
60249500	VALVE BOXES 8"	EACH	6														6
78200530	BARRIER WALL MARKERS, TYPE C	EACH	320		320												
Z0007801	BUILDING REMOVAL NO. 1	L SUM	1		1												
Z0007802	BUILDING REMOVAL NO. 2	L SUM	1		1												
Z0007803	BUILDING REMOVAL NO. 3	L SUM	1		1												
Z0007804	BUILDING REMOVAL NO. 4	L SUM	1		1												
Z0007805	BUILDING REMOVAL NO. 5	L SUM	1		1												
Z0007806	BUILDING REMOVAL NO. 6	L SUM	1		1												
Z0007807	BUILDING REMOVAL NO. 7	L SUM	1		1												
Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1		1												
Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1		1												
Z0049803	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1		1												
Z0049804	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 4	L SUM	1		1												
Z0049805	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 5	L SUM	1		1												
Z0049806	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1		1												
Z0049807	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 7	L SUM	1		1												
* Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1		1												
Z0049902	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1		1												
Z0049903	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1		1												
Z0049904	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 4	L SUM	1		1												
Z0049905	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5	L SUM	1		1												
Z0049906	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1		1												
Z0049907	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 7	L SUM	1		1												
* C2C01536	SHRUB, CORNUS RACEMOSA (GREY DOGWOOD), 3' HEIGHT, CONTAINER	EACH	100		100												
* C2C08624	SHRUB, SAMBUCUS CANADENSIS (AMERICAN ELDER), 2' HEIGHT, CONTAINER	EACH	40		40												
* K1004465	PERENNIAL PLANTS, WETLAND TYPE	UNIT	9.82		9.82												
X0320591	SANITARY MANHOLES TO BE REMOVED	EACH	5														5

*SPECIALTY ITEM

McHenry Co. 1001 HUNTLEY

PLOT DATE = Tuesday, October 27, 2009
 PLOT SCALE = 1"=40'
 USER NAME = 3698

Rev. 12-28-09



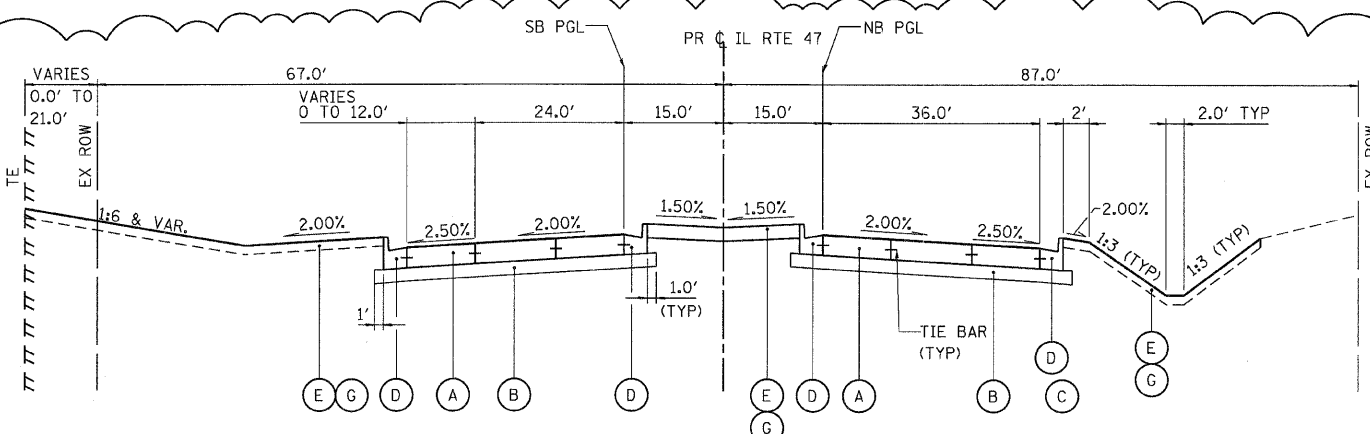
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SUMMARY OF QUANTITIES

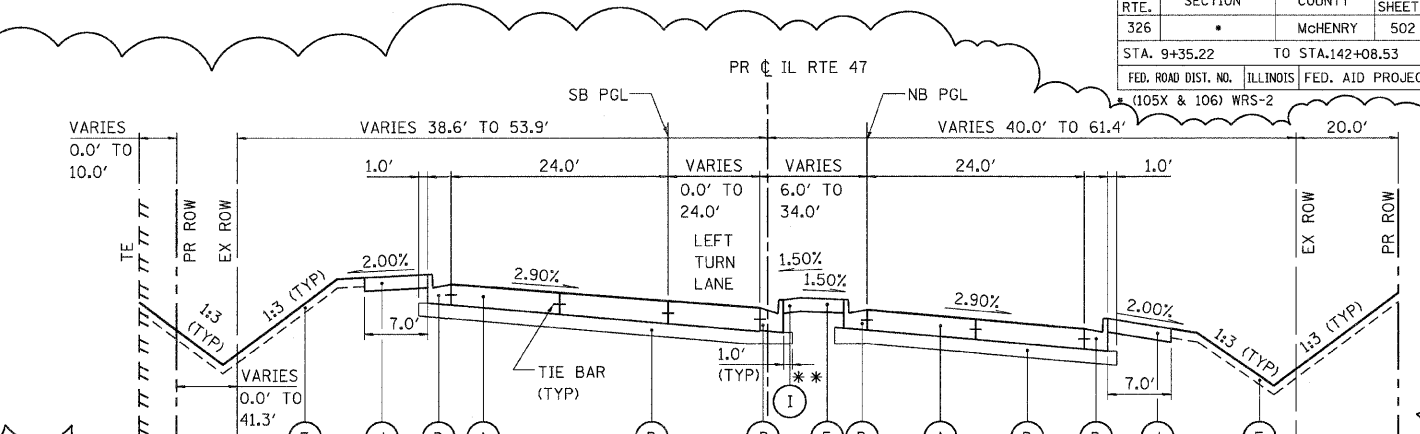
SCALE: VERT. NO SCALE
 HORIZ. DATE: 11/27/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

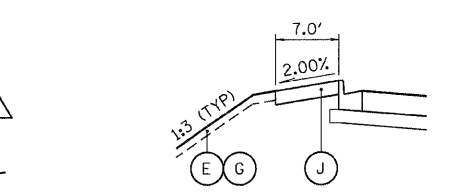
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	15
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT (105X & 106) WRS-2		



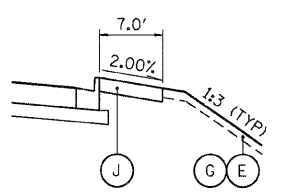
ILLINOIS ROUTE 47
STA 9+35.22 TO STA 12+78.79



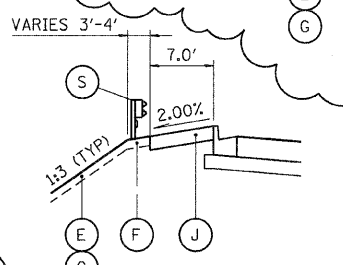
ILLINOIS ROUTE 47
STA 24+66.88 TO STA 32+45.75
* STA 24+66.88 TO STA 24+92.98



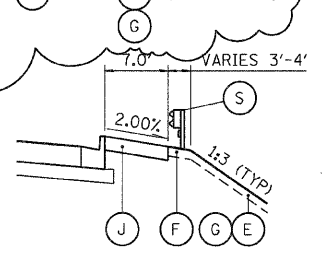
STA 21+41.04 TO STA 24+66.88 (LT)



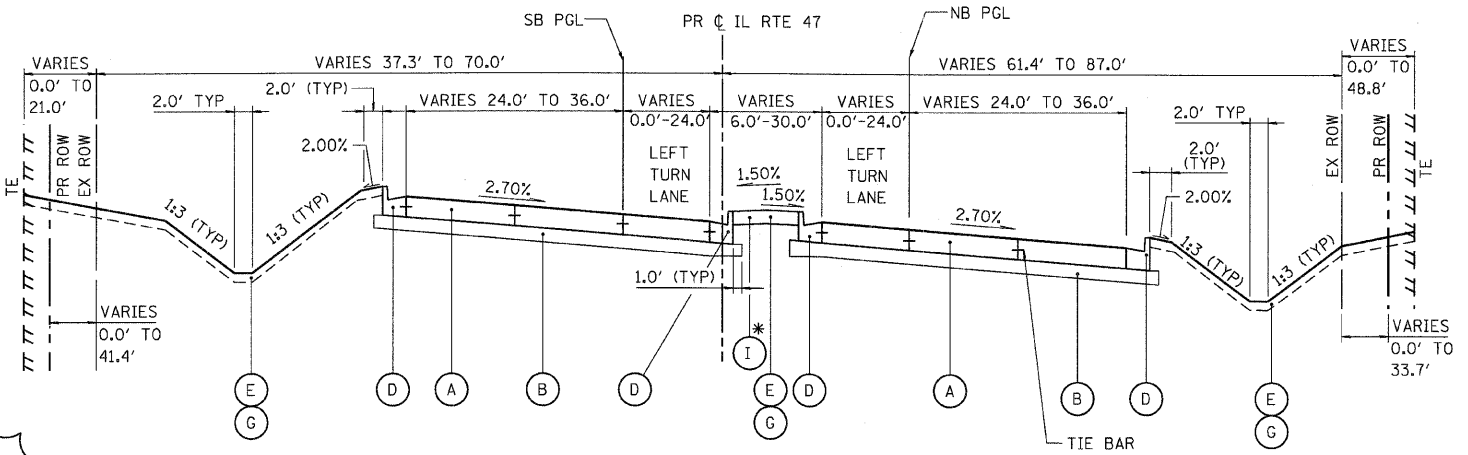
STA 21+73.15 TO STA 24+66.88 (RT)



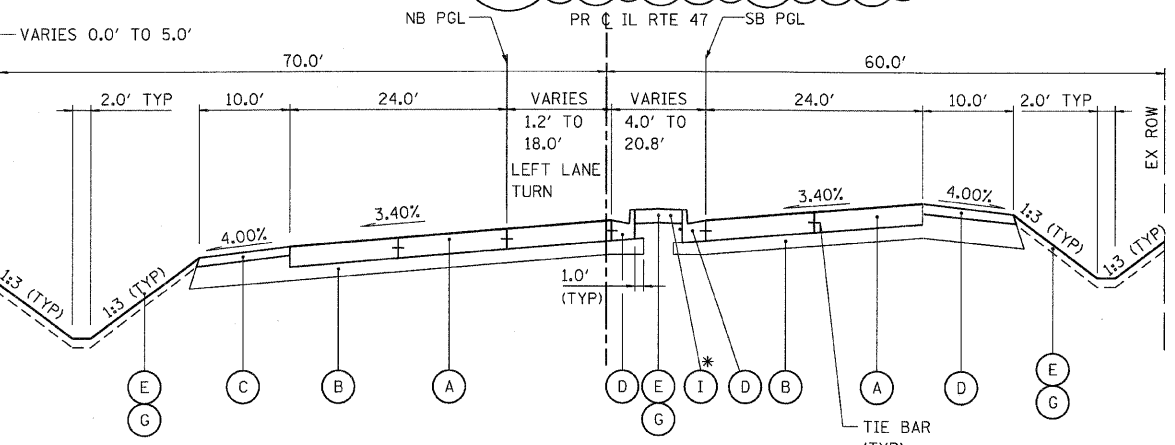
STA 25+58.32 TO STA 28+16.26 (LT)



STA 24+65.17 TO STA 25+07.12 (RT)



ILLINOIS ROUTE 47
STA 12+78.79 TO STA 24+66.88
* STA 16+59.65 TO STA 24+66.88



ILLINOIS ROUTE 47
STA 134+73.92 TO STA 140+30.81
* STA 134+73.92 TO STA 138+23.80

NOTES:

- THE 9 1/2-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
2-INCH HMA SURFACE COURSE, MIX "D", N70
7 1/2-INCH HMA BINDER COURSE, IL 19.0, N70
- THE 12-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
2-INCH HMA SURFACE COURSE, MIX "D", N70
10-INCH HMA BINDER COURSE, IL 19.0, N70
- ADDITIONAL SUBGRADE THICKNESS BELOW MEDIAN AREA AND SHOULDER SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR AGGREGATE SUBGRADE, 12" AND SHALL NOT BE PAID FOR SEPARATELY.
- SEE TURN LANE MEDIAN DETAILS SHEET FOR TYPICAL LAYOUT AND DESIGN OF MEDIANS ADJACENT TO LEFT TURN LANES.

PROPOSED LEGEND

- (A) 10" JOINTED P.C.C. PAVEMENT
- (B) AGGREGATE SUBGRADE, 12" (SEE NOTE 3)
- (C) HMA SHOULDER, 8"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) SODDING, SALT TOLERANT/SEEDING, CL 2A
- (F) HMA SHOULDER, 6"
- (G) TOPSOIL FURNISH AND PLACE, 4"
- (H) CONCRETE MEDIAN, TYPE SB-6.12
- (I) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)
- (J) P.C.C. SIDEWALK, 5"
- (K) HMA PAVEMENT (FULL DEPTH), 9 1/2" (SEE NOTE 1)
- (L) HMA PAVEMENT (FULL DEPTH), 12" (SEE NOTE 2)
- (M) ESCAPE AREA MEDIAN
- (N) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (O) P.C.C. BASE COURSE, 8 1/4"
- (P) POLYMERIZED HMA SURFACE COURSE, MIX F, N90, 1 3/4"
- (Q) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- (R) CONCRETE MEDIAN, TYPE SB-6.24
- (S) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (T) RETAINING WALL

STRUCTURAL DESIGN TRAFFIC: YEAR 2030
 PV = 32,67 SU = 3,741 MU = 2,160
 ROAD / STREET CLASSIFICATION: CLASS 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32 S = 45 M = 45
 TRAFFIC FACTOR: ACTUAL TF = 11.77
 MINIMUM TF = 6.03
 SUBGRADE SUPPORT RATING:
 SSR = POOR (STA 9+35.22 TO 142+08.53)



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

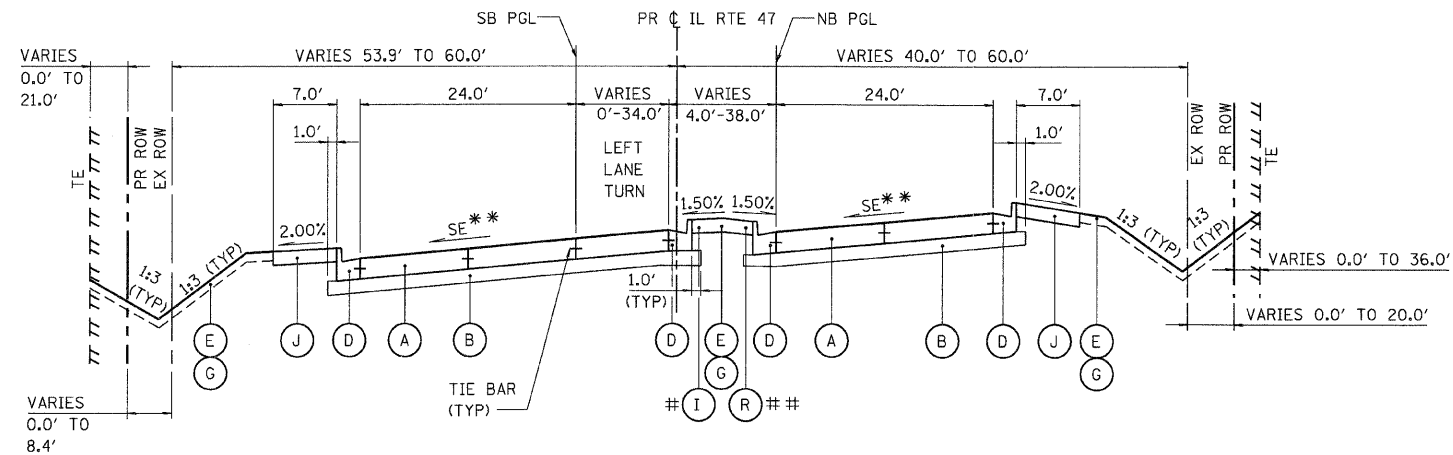
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
PROPOSED TYPICAL SECTIONS ROUTE 47
SHEET 3 OF 9

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

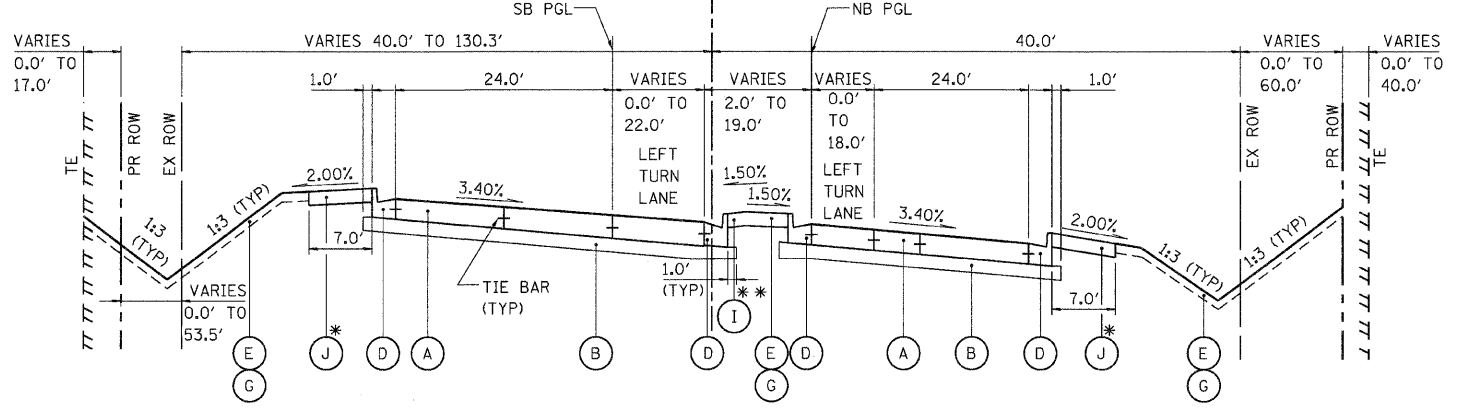
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 USER NAME = 3679

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	16
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

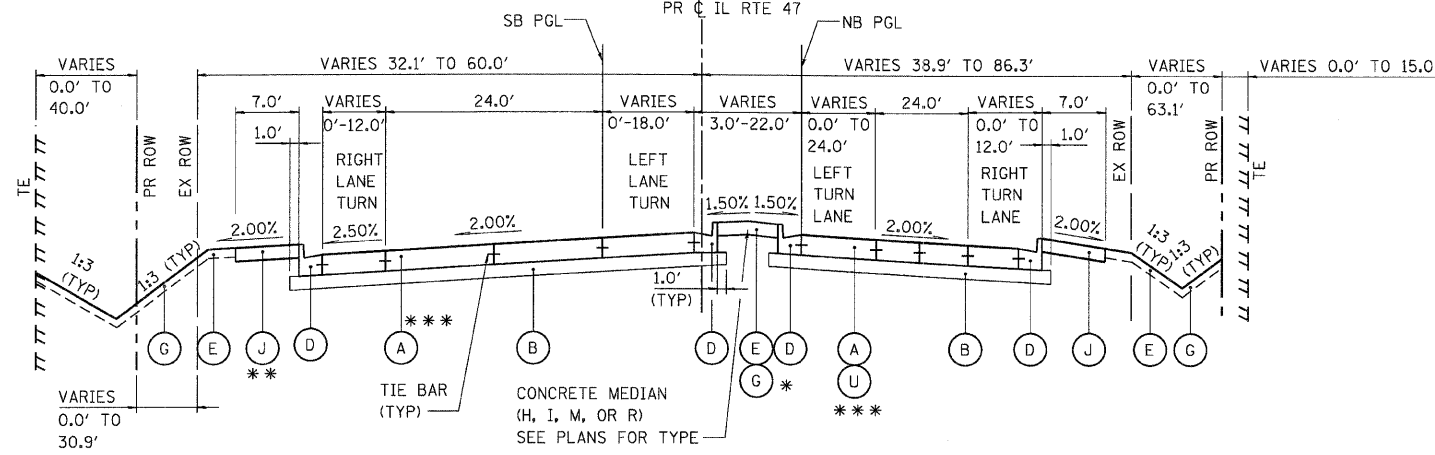


ILLINOIS ROUTE 47
 STA 32+45.75 TO STA 46+88.21
 STA 126+29.75 TO STA 134+73.92
 # STA 40+93.07 TO STA 43+78.15
 STA 126+29.75 TO STA 127+66.19
 # STA 130+43.21 TO STA 134+73.92
 ## STA 43+78.15 TO STA 46+88.21

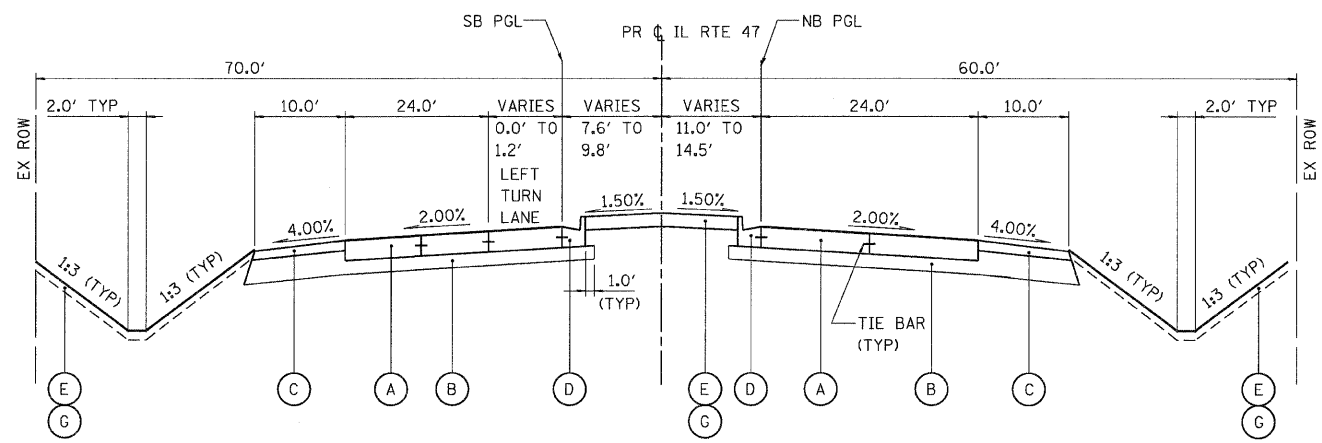
SEE ALIGNMENT AND TIES SHEETS FOR CROSS SLOPES



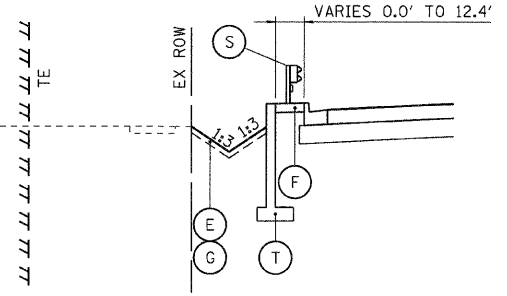
ILLINOIS ROUTE 47
 STA 104+33.81 TO STA 118+10.59
 ** STA 108+22.21 TO STA 111+10.84
 ** STA 115+07.35 TO STA 117+58.99
 SIDEWALK OMISSION:
 STA 112+00.00 TO STA 118+10.59 (LT)
 STA 108+38.28 TO STA 117+77.70 (RT)



ILLINOIS ROUTE 47
 STA 46+88.21 TO STA 104+33.81
 STA 118+10.59 TO STA 126+29.75
 * STA 55+79.57 TO STA 59+39.16
 ** SIDEWALK OMISSION:
 STA 55+57.97 TO STA 61+26.31 (LT)
 STA 118+10.59 TO STA 124+02.44 (LT)
 *** STA 76+92.88 TO STA 77+76.70 (NB) AND
 STA 77+25.59 TO STA 78+14.18 (SB)



ILLINOIS ROUTE 47
 STA 140+30.81 TO STA 142+08.53



STA 55+73.40 TO STA 59+85.90 (LT)
 STA 112+69.67 TO STA 116+23.82 (LT)

PROPOSED LEGEND

- | | |
|---|---|
| (A) 10" JOINTED P.C.C. PAVEMENT | (K) HMA PAVEMENT (FULL DEPTH), 9 1/2" (SEE NOTE 1) |
| (B) AGGREGATE SUBGRADE, 12" (SEE NOTE 3) | (L) HMA PAVEMENT (FULL DEPTH), 12" (SEE NOTE 2) |
| (C) HMA SHOULDER, 8" | (M) ESCAPE AREA MEDIAN |
| (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | (N) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (E) SODDING, SALT TOLERANT/SEEDING, CL 2A | (O) P.C.C. BASE COURSE, 8 1/4" |
| (F) HMA SHOULDER, 6" | (P) POLYMERIZED HMA SURFACE COURSE, MIX F, N90, 1 3/4" |
| (G) TOPSOIL FURNISH AND PLACE, 4" | (Q) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4" |
| (H) CONCRETE MEDIAN, TYPE SB-6.12 | (R) CONCRETE MEDIAN, TYPE SB-6.24 |
| (I) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) | (S) STEEL PLATE BEAM GUARDRAIL, TYPE A |
| (J) P.C.C. SIDEWALK, 5" | (T) RETAINING WALL |
| | (U) 10" JOINTED PCC PAVEMENT W/PAVEMENT FABRIC |

NOTES:

- THE 9 1/2-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
 2-INCH HMA SURFACE COURSE, MIX "D", N70
 7 1/2-INCH HMA BINDER COURSE, IL 19.0, N70
- THE 12-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
 2-INCH HMA SURFACE COURSE, MIX "D", N70
 10-INCH HMA BINDER COURSE, IL 19.0, N70
- ADDITIONAL SUBGRADE THICKNESS BELOW MEDIAN AREA AND SHOULDER SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR AGGREGATE SUBGRADE, 12" AND SHALL NOT BE PAID FOR SEPARATELY.
- SEE TURN LANE MEDIAN DETAILS SHEET FOR TYPICAL LAYOUT AND DESIGN OF MEDIANS ADJACENT TO LEFT TURN LANES.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

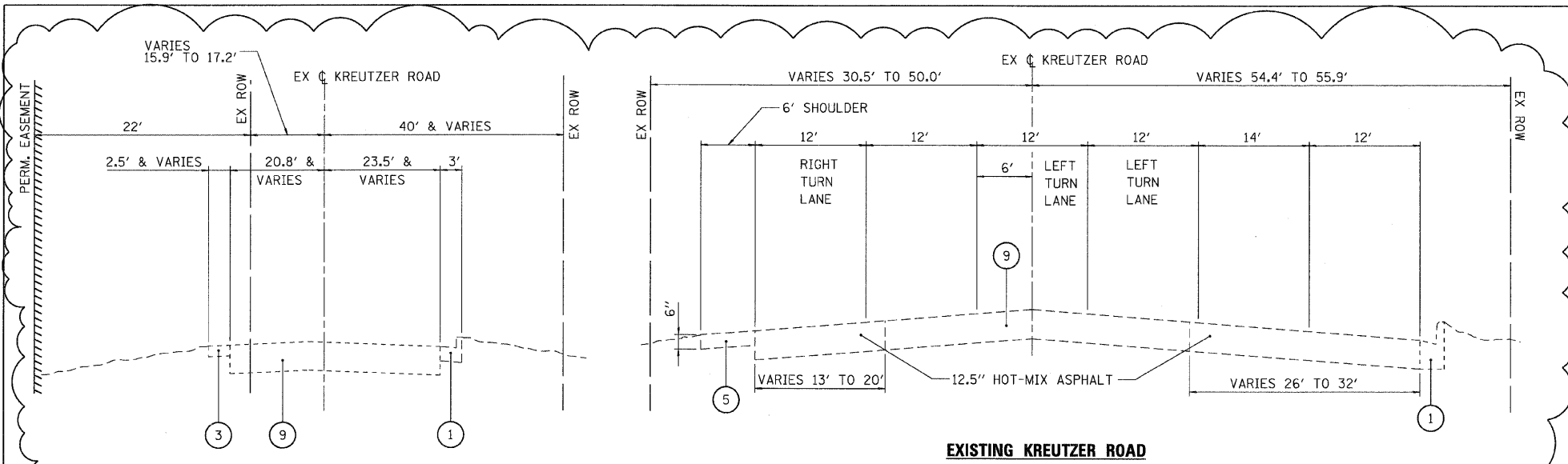


ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
PROPOSED TYPICAL SECTIONS ROUTE 47
SHEET 4 OF 9

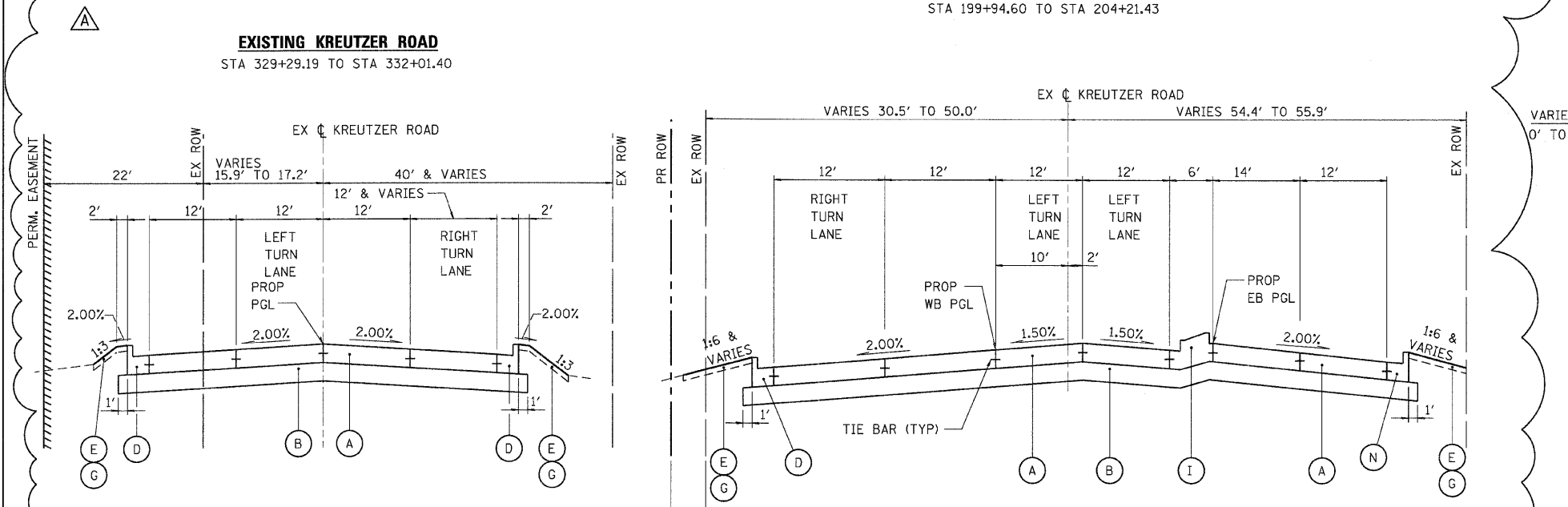
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 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: B.S.

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3879

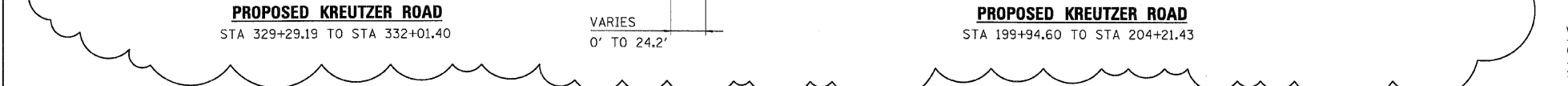
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	17
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



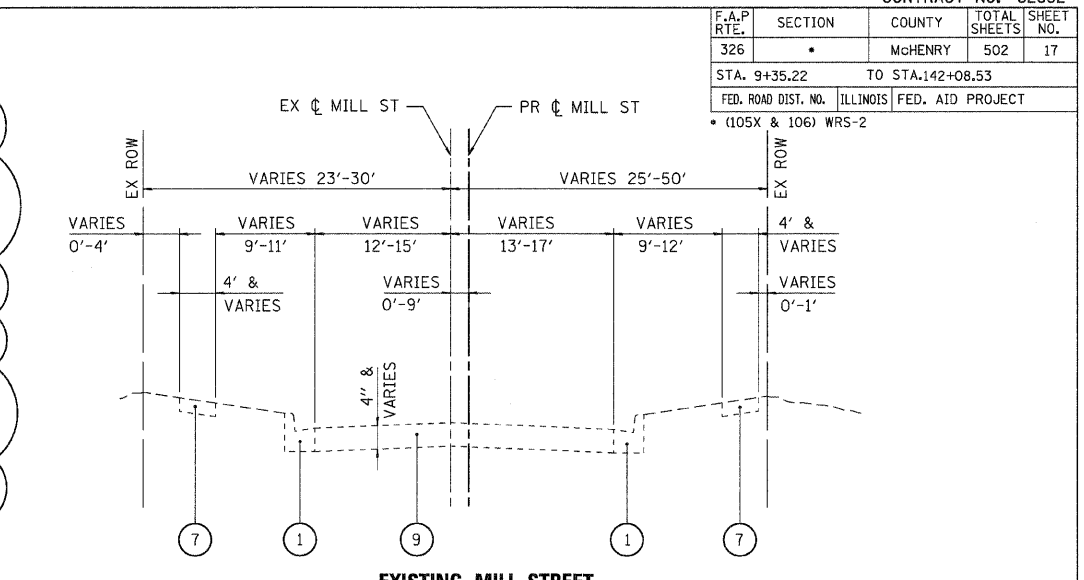
EXISTING KREUTZER ROAD
STA 199+94.60 TO STA 204+21.43



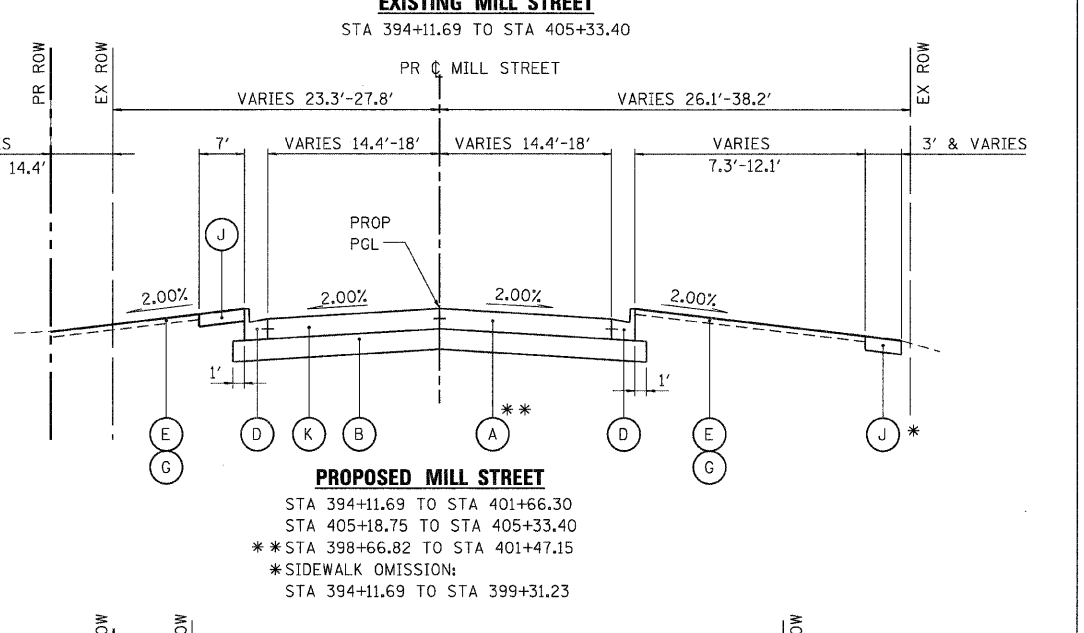
PROPOSED KREUTZER ROAD
STA 199+94.60 TO STA 204+21.43



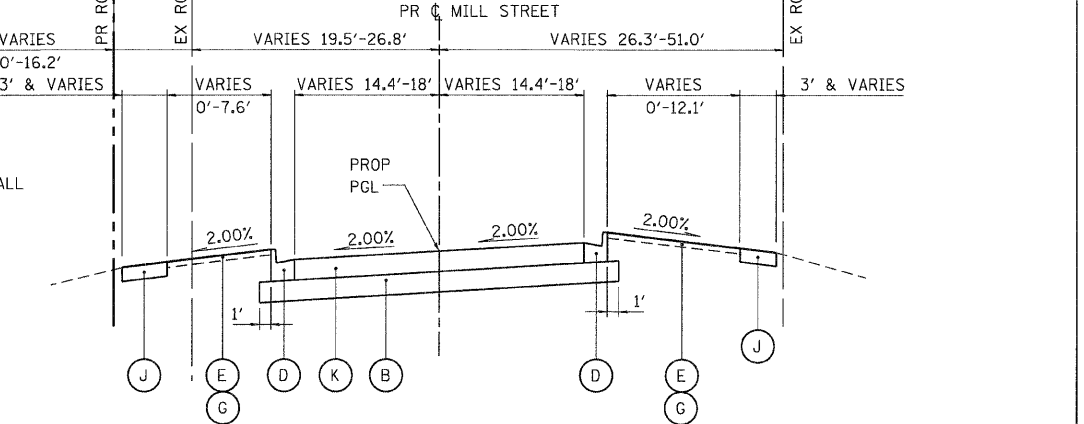
PROPOSED KREUTZER ROAD
STA 329+29.19 TO STA 332+01.40



EXISTING MILL STREET
STA 394+11.69 TO STA 405+33.40



PROPOSED MILL STREET
STA 394+11.69 TO STA 401+66.30
STA 405+18.75 TO STA 405+33.40
** STA 398+66.82 TO STA 401+47.15
* SIDEWALK OMISSION:
STA 394+11.69 TO STA 399+31.23



PROPOSED MILL STREET
STA 401+66.30 TO STA 405+18.75

EXISTING LEGEND

- ① COMBINATION CURB AND GUTTER
- ② COMPOSITE PAVEMENT
BITUMINOUS OVERLAY, VARIES 3"-9",
P.C.C. PAVEMENT, VARIES 7"-10"
- ③ AGGREGATE SHOULDER, VARIES 2"-15"
- ④ GRASS MEDIAN
- ⑤ BITUMINOUS SHOULDER, 4"-8"
- ⑥ P.C.C. PAVEMENT, 9.75"
- ⑦ P.C.C. SIDEWALK
- ⑧ P.C.C. MEDIAN
- ⑨ BITUMINOUS PAVEMENT, VARIES 7.5"-14.5"

PROPOSED LEGEND

- A 10" JOINTED P.C.C. PAVEMENT
- B AGGREGATE SUBGRADE, 12" (SEE NOTE 3)
- C HMA SHOULDER, 8"
- D COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- E SODDING, SALT TOLERANT
- F HMA SHOULDER, 6"
- G TOPSOIL FURNISH AND PLACE, 4"
- H CONCRETE MEDIAN, TYPE SB-6.12
- I CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)
- J P.C.C. SIDEWALK, 5"

- K HMA PAVEMENT (FULL DEPTH), 9 1/2" (SEE NOTE 1)
- L HMA PAVEMENT (FULL DEPTH), 12" (SEE NOTE 2)
- M ESCAPE AREA MEDIAN
- N COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- O P.C.C. BASE COURSE, 8 1/4"
- P POLYMERIZED HMA SURFACE COURSE, MIX F, N90, 1 3/4"
- Q POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- R CONCRETE MEDIAN, TYPE SB-6.24
- S STEEL PLATE BEAM GUARDRAIL, TYPE A
- T RETAINING WALL
- U COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)
- V CONCRETE CURB, TYPE B

1. THE 9 1/2-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
2-INCH HMA SURFACE COURSE, MIX "D", N70
7 1/2-INCH HMA BINDER COURSE, IL 19.0, N70
2. THE 12-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
2-INCH HMA SURFACE COURSE, MIX "D", N70
10-INCH HMA BINDER COURSE, IL 19.0, N70
3. ADDITIONAL SUBGRADE THICKNESS BELOW MEDIAN AREA AND SHOULDER SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR AGGREGATE SUBGRADE, 12" AND SHALL NOT BE PAID FOR SEPARATELY.
4. SEE TURN LANE MEDIAN DETAILS SHEET FOR TYPICAL LAYOUT AND DESIGN OF MEDIANS ADJACENT TO LEFT TURN LANES.

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3690

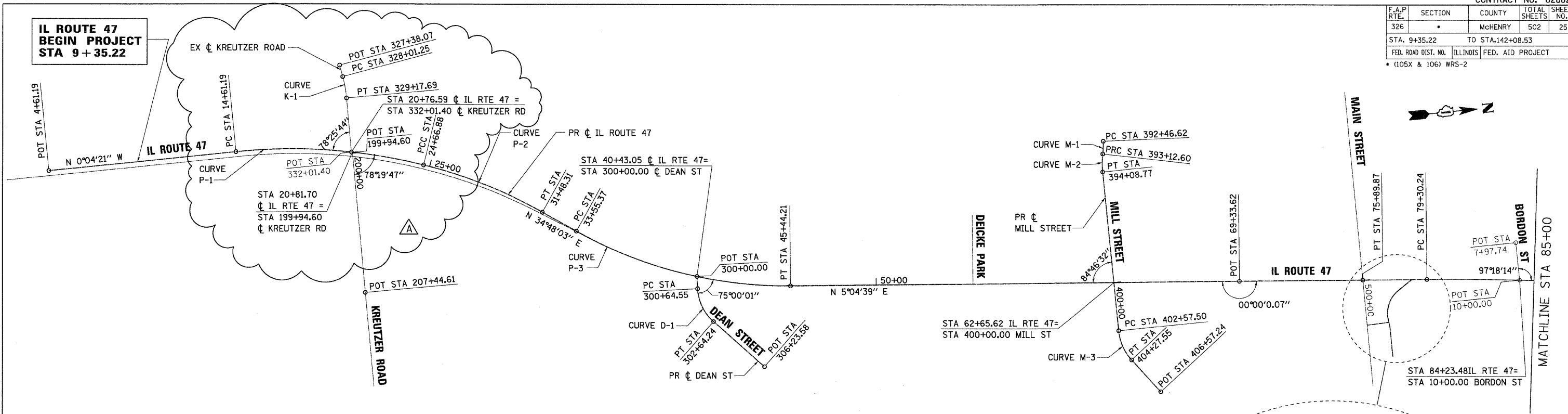


REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING AND PROPOSED TYPICAL SECTIONS
SHEET 5 OF 9

SCALE: VERT. NO SCALE
HORIZ. DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	25
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



CURVE P-1
 PI STA = 19+68.96
 $\Delta = 19^\circ 31' 58''$ (RT)
 D = $1^\circ 56' 32''$
 R = 2,950.00'
 T = 507.77'
 L = 1,005.69'
 E = 43.38'
 e = 0.027
 T.R. = 96.0'
 S.E. RUN = 129.6'
 PC STA = 14+61.19
 PT STA = 24+66.88

CURVE P-2
 PI STA = 28+09.68
 $\Delta = 15^\circ 29' 27''$ (RT)
 D = $2^\circ 16' 24''$
 R = 2,520.38'
 T = 342.81'
 L = 681.43'
 E = 23.21'
 e = 0.029
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 24+66.88
 PT STA = 31+48.31

CURVE P-3
 PI STA = 39+63.49
 $\Delta = 29^\circ 43' 24''$ (LT)
 D = $2^\circ 30' 01''$
 R = 2,291.66'
 T = 608.12'
 L = 1,188.84'
 E = 79.31'
 e = 0.030
 T.R. = 72.0'
 S.E. RUN = 108.0'
 PC STA = 33+55.37
 PT STA = 45+44.21

CURVE P-4
 PI STA = 83+74.97
 $\Delta = 3^\circ 32' 39''$ (RT)
 D = $0^\circ 23' 55''$
 R = 14,375.21'
 T = 444.74'
 L = 889.19'
 E = 6.88'
 e = N/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 79+30.24
 PT STA = 88+19.43

CURVE K-1
 PI STA = 328+59.61
 $\Delta = 9^\circ 46' 02''$ (RT)
 D = $8^\circ 23' 20''$
 R = 683.00'
 T = 58.36'
 L = 116.43'
 E = 2.49'
 e = N/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 328+01.25
 PT STA = 329+17.69

CURVE M-1
 PI STA 392+79.68
 $\Delta = 8^\circ 53' 44''$ (RT)
 D = $13^\circ 28' 53''$
 R = 425.00'
 T = 33.06'
 L = 65.98'
 E = 1.28'
 e = N/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA 392+46.62
 PT STA 393+12.60

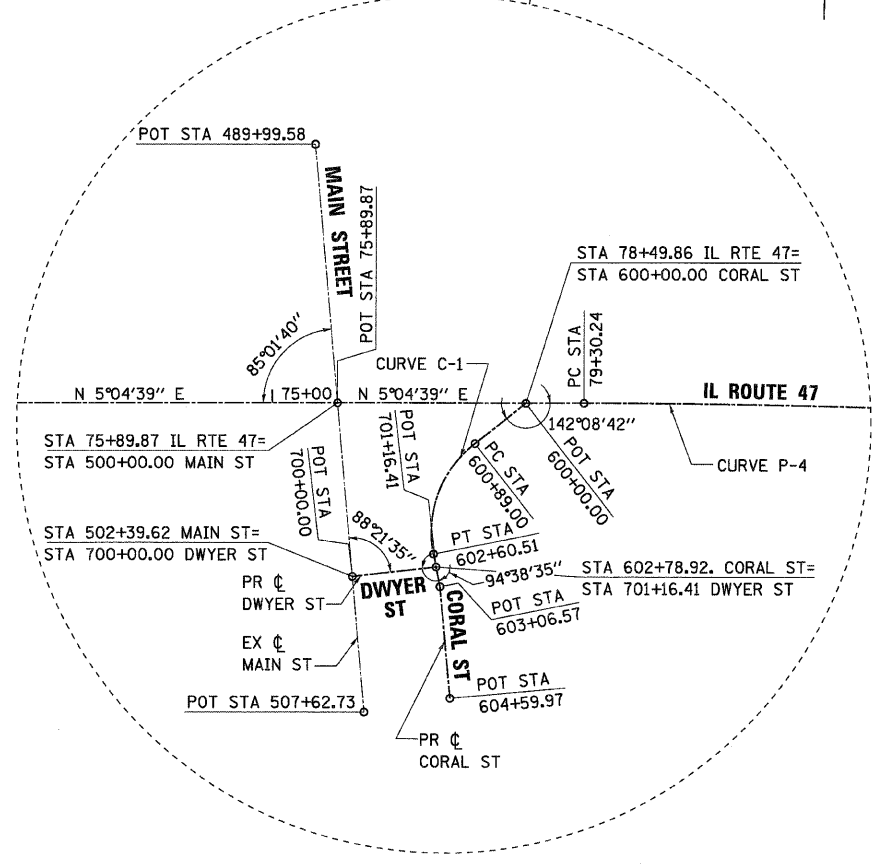
CURVE M-2
 PI STA 393+60.87
 $\Delta = 12^\circ 14' 38''$ (LT)
 D = $12^\circ 43' 57''$
 R = 450.00'
 T = 48.27'
 L = 96.16'
 E = 2.58'
 e = N/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA 393+12.60
 PT STA 394+08.77

CURVE M-3
 PI STA = 403+45.57
 $\Delta = 36^\circ 46' 00''$ (LT)
 D = $21^\circ 37' 16''$
 R = 265.00'
 T = 88.07'
 L = 170.05'
 E = 14.25'
 e = R/C
 T.R. = 54.72'
 S.E. RUN = 54.72'
 PC STA = 402+57.50
 PT STA = 404+27.55

CURVE C-1
 PI STA = 601+84.73
 $\Delta = 63^\circ 24' 01''$ (LT)
 D = $36^\circ 57' 54''$
 R = 155.00'
 T = 95.73'
 L = 171.51'
 E = 27.18'
 e = R/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 600+89.00
 PT STA = 602+60.51

CURVE D-1
 PI STA = 301+70.07
 $\Delta = 45^\circ 45' 59''$ (LT)
 D = $22^\circ 55' 06''$
 R = 250.00'
 T = 105.52'
 L = 199.69'
 E = 21.36'
 e = N/C
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 300+64.55
 PT STA = 302+64.24

ILLINOIS ROUTE 47 SUPERELEVATION TRANSITIONS			
SOUTHBOUND LANES		NORTHBOUND LANES	
STATION	CROSS SLOPE	STATION	CROSS SLOPE
CURVE P-1			
12+78.79	-2.0%		
13+74.79	0.0%	14+70.79	-2.0%
15+04.39	2.7%	15+04.39	-2.7%
24+62.08	2.7%	24+62.08	-2.7%
CURVE P-2			
24+71.68	2.9%	24+71.68	-2.9%
30+01.91	2.9%	30+60.95	-2.9%
32+43.93	0.0%	32+47.56	0.0%
CURVE P-3			
32+43.93	0.0%	32+47.56	0.0%
34+94.29	-3.0%	34+40.61	3.0%
45+08.21	-3.0%	45+08.21	3.0%
45+44.21	-2.0%	46+16.21	0.0%
		46+88.21	-2.0%



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 USER NAME = 3590



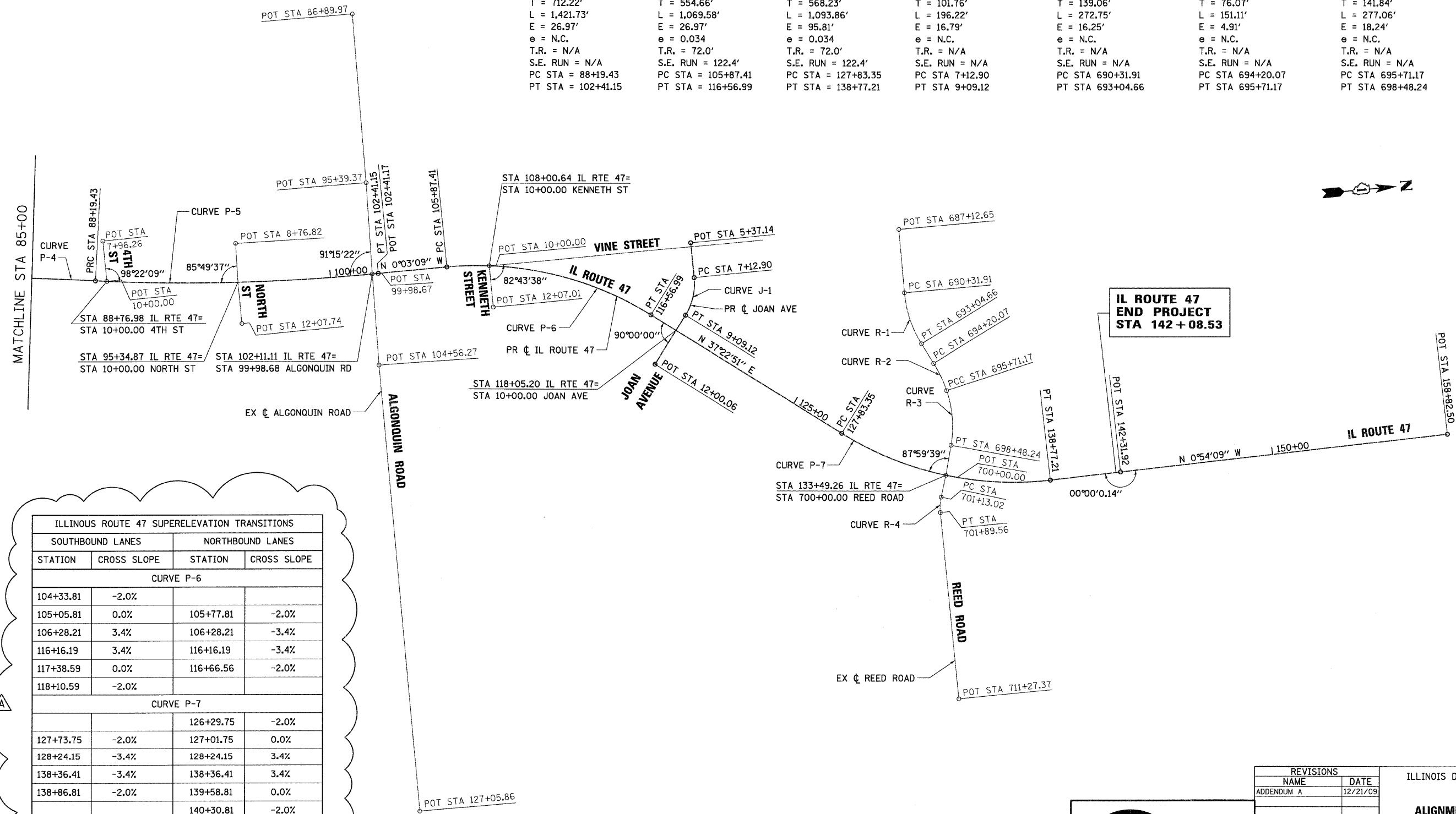
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 ALIGNMENT, TIES AND BENCHMARKS
 SHEET 1 OF 3

SCALE: VERT. 1"=250'
 HORIZ. 1"=250'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHEMRY	502	26
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

<p>PROP CURVE P-5 PI STA = 39+63.49 $\Delta = 8^\circ 40' 26''$ (LT) $D = 0^\circ 36' 36''$ $R = 9,391.24'$ $T = 712.22'$ $L = 1,421.73'$ $E = 26.97'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA = 88+19.43 PT STA = 102+41.15</p>	<p>PROP CURVE P-6 PI STA = 111+42.07 $\Delta = 37^\circ 26' 00''$ (RT) $D = 3^\circ 29' 59''$ $R = 1,637.10'$ $T = 554.66'$ $L = 1,069.58'$ $E = 26.97'$ $e = 0.034$ T.R. = 72.0' S.E. RUN = 122.4' PC STA = 105+87.41 PT STA = 116+56.99</p>	<p>PROP CURVE P-7 PI STA = 133+51.58 $\Delta = 38^\circ 17' 00''$ (LT) $D = 3^\circ 29' 59''$ $R = 1,637.10'$ $T = 568.23'$ $L = 1,093.86'$ $E = 95.81'$ $e = 0.034$ T.R. = 72.0' S.E. RUN = 122.4' PC STA = 127+83.35 PT STA = 138+77.21</p>	<p>CURVE J-1 PI STA 8+14.66 $\Delta = 37^\circ 28' 29''$ (RT) $D = 19^\circ 05' 55''$ $R = 300.00'$ $T = 101.76'$ $L = 196.22'$ $E = 16.79'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA 7+12.90 PT STA 9+09.12</p>	<p>CURVE R-1 PI STA 691+70.97 $\Delta = 26^\circ 39' 18''$ (LT) $D = 9^\circ 46' 21''$ $R = 587.00'$ $T = 139.06'$ $L = 272.75'$ $E = 16.25'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA 690+31.91 PT STA 693+04.66</p>	<p>CURVE R-2 PI STA 694+96.13 $\Delta = 14^\circ 46' 01''$ (RT) $D = 9^\circ 46' 21''$ $R = 587.00'$ $T = 76.07'$ $L = 151.11'$ $E = 4.91'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA 694+20.07 PT STA 695+71.17</p>	<p>CURVE R-3 PI STA 697+13.01 $\Delta = 29^\circ 18' 43''$ (RT) $D = 10^\circ 34' 46''$ $R = 542.35'$ $T = 141.84'$ $L = 277.06'$ $E = 18.24'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA 695+71.17 PT STA 698+48.24</p>	<p>CURVE R-4 PI STA 701+51.86 $\Delta = 17^\circ 39' 40''$ (LT) $D = 23^\circ 04' 26''$ $R = 250.00'$ $T = 38.84'$ $L = 76.54'$ $E = 3.00'$ $e = N.C.$ T.R. = N/A S.E. RUN = N/A PC STA 701+13.02 PT STA 701+89.56</p>
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**IL ROUTE 47
 END PROJECT
 STA 142 + 08.53**

ILLINOIS ROUTE 47 SUPERELEVATION TRANSITIONS			
SOUTHBOUND LANES		NORTHBOUND LANES	
STATION	CROSS SLOPE	STATION	CROSS SLOPE
CURVE P-6			
104+33.81	-2.0%		
105+05.81	0.0%	105+77.81	-2.0%
106+28.21	3.4%	106+28.21	-3.4%
116+16.19	3.4%	116+16.19	-3.4%
117+38.59	0.0%	116+66.56	-2.0%
118+10.59	-2.0%		
CURVE P-7			
		126+29.75	-2.0%
127+73.75	-2.0%	127+01.75	0.0%
128+24.15	-3.4%	128+24.15	3.4%
138+36.41	-3.4%	138+36.41	3.4%
138+86.81	-2.0%	139+58.81	0.0%
		140+30.81	-2.0%

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-006533
 (773) 693-9524

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
ALIGNMENT, TIES AND BENCHMARKS
SHEET 2 OF 3

SCALE: VERT. 1"=250'
 HORIZ. 1"=250'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

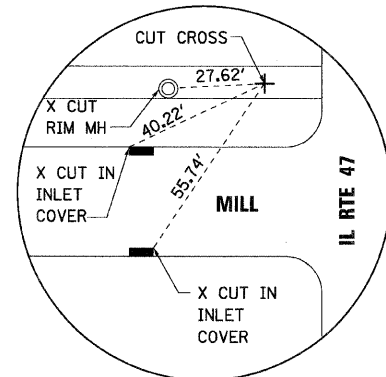
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 USER NAME = 3570

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	27
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				

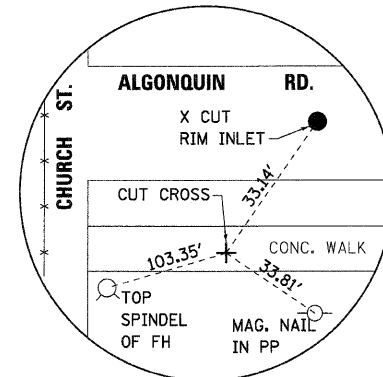
ALIGNMENT COORDINATE TABLE

DESCRIPTION	NORTHING	EASTING
IL ROUTE 47		
POT STA 4+61.19	1,997,050.49	957,283.86
PC CURVE P-1	1,998,050.49	957,282.60
PCC CURVE P-1/P-2	1,999,037.03	957,451.12
PT CURVE P-2	1,999,642.04	957,760.13
PC CURVE P-3	1,999,812.07	957,878.31
PT CURVE P-3	2,000,917.16	958,279.20
POT STA 69+33.62	2,003,297.19	958,490.67
POT STA 75+89.87	2,003,950.87	958,548.75
PC CURVE P-4	2,004,289.89	958,578.87
PRC CURVE P-4/P-5	2,005,172.60	958,684.90
PT CURVE P-5	2,006,589.00	958,791.02
POT STA 102+41.17	2,006,589.01	958,791.02
PC CURVE P-6	2,006,935.26	958,790.71
PT CURVE P-6	2,007,930.66	959,126.94
PC CURVE P-7	2,008,825.68	959,810.77
PT CURVE P-7	2,009,845.37	960,146.80
POT STA 142+31.92	2,010,200.03	960,141.21
POT STA 158+82.50	2,011,850.41	960,115.21
KREUTZER ROAD (WEST)		
POT STA 327+38.07	1,998,643.40	956,883.82
PC CURVE K-1	1,998,653.78	956,946.15
PT CURVE K-1	1,998,663.06	957,062.07
POT STA 332+01.40	1,998,661.53	957,345.78
KREUTZER ROAD (EAST)		
POT STA 199+94.60	1,998,666.52	957,346.84
POT STA 207+44.61	1,998,662.47	958,096.84
DEAN STREET		
POT STA 300+00.00	2,000,426.76	958,180.83
PC CURVE D-1	2,000,423.82	958,245.31
PT CURVE D-1	2,000,491.20	958,427.69
POT STA 306+23.58	2,000,737.91	958,690.79
MILL STREET		
PC CURVE M-1	2,002,649.05	957,679.53
PRC CURVE M-1/M-2	2,002,640.28	957,744.86
PT CURVE M-2	2,002,630.29	957,840.32
PC CURVE M-3	2,002,632.47	958,689.05
PT CURVE M-3	2,002,685.59	958,847.53
POT STA 406+57.24	2,002,823.54	959,031.18
MAIN STREET		
POT STA 489+99.58	2,003,952.71	957,548.33
POT STA 507+62.73	2,003,949.47	959,311.48
CORAL STREET		
POT STA 600+00.00	2,004,209.83	958,571.76
PC CURVE C-1	2,004,135.00	958,619.94
PT CURVE C-1	2,004,064.82	958,766.94
POT STA 603+06.57	2,004,069.77	958,812.73
POT STA 604+59.97	2,004,069.96	958,966.13
DWYER STREET		
POT STA 700+00.00	2,003,950.43	958,788.36
POT STA 701+16.41	2,004,066.80	958,785.25
BORDON STREET		
POT STA 7+97.74	2,004,779.41	958,428.68
POT STA 10+00.00	2,004,780.33	958,630.94
4TH STREET		
POT STA 7+96.26	2,005,229.18	958,489.62
POT STA 10+00.00	2,005,229.53	958,693.36

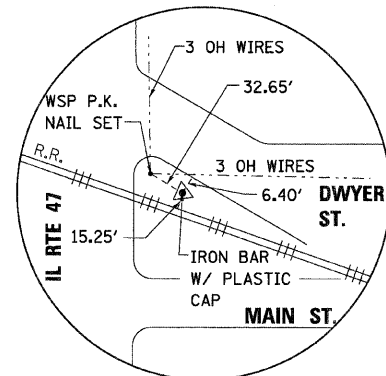
DESCRIPTION	NORTHING	EASTING
NORTH AVENUE		
POT STA 8+76.82	2,005,883.53	958,641.94
POT STA 12+07.74	2,005,883.05	958,972.86
ALGONQUIN ROAD		
POT STA 86+89.97	2,006,586.27	957,482.62
POT STA 95+39.37	2,006,573.20	958,331.92
POT STA 99+98.67	2,006,558.95	958,791.00
POT STA 104+56.27	2,006,547.88	959,248.46
POT STA 127+05.86	2,006,532.84	961,498.00
KENNETH STREET		
POT STA 10+00.00	2,007,147.89	958,804.38
POT STA 12+07.01	2,007,147.39	959,011.38
JOAN STREET		
POT STA 5+37.14	2,008,164.93	958,786.32
PC CURVE J-1	2,008,165.22	958,962.08
PT CURVE J-1	2,008,103.60	959,144.70
POT STA 12+00.06	2,007,926.97	959,375.89
REED ROAD		
POT STA 687+12.65	2,009,211.24	958,821.37
PC CURVE R-1	2,009,208.23	959,140.61
PT CURVE R-1	2,009,268.13	959,404.52
PC CURVE R-2	2,009,318.93	959,508.15
PCC CURVE R-2/R-3	2,009,370.36	959,649.99
PT CURVE R-3	2,009,365.99	959,924.39
POT STA 700+00.00	2,009,325.25	960,070.58
PC CURVE R-4	2,009,291.13	960,178.33
PT CURVE R-4	2,009,279.46	960,254.19
POT STA 711+27.37	2,009,280.86	961,192.00



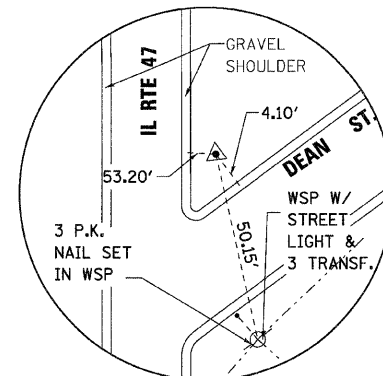
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CP #18:
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E 958107.154



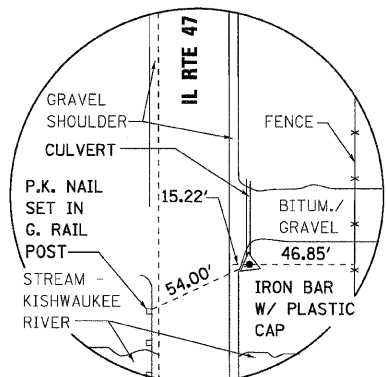
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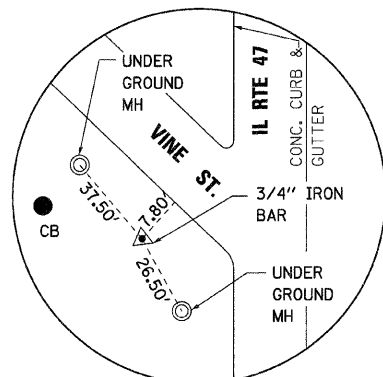
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CP #245
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E 958623.8943



TIE POINT #4
CP #265
N 2000406.6366
E 958242.8953



TIE POINT #5
CP #270
N 2006535.7219
E 958828.1248



TIE POINT #6
CP #303
N 2007415.528
E 958804.6273

BENCHMARKS:

- BM #8 CUT "□" ON TOP OF SOUTHEAST ABUTMENT OF IL ROUTE 47 BRIDGE OVER THE SOUTH BRANCH OF THE KISHWAUKEE RIVER JUST NORTH OF KREUTZER ROAD. ELEV = 877.460
- BM #9 CHISLED "X" ON BOLT ON HYDRANT ON THE EAST SIDE OF IL ROUTE 47 JUST NORTH OF DEAN STREET. ELEV = 882.753
- BM #10 CHISLED "X" ON NORTHERLY BOLT ON HYDRANT AT THE NORTHEAST CORNER OF IL ROUTE 47 AND MILL STREET. ELEV = 895.092
- BM #11 CUT "□" IN THE NORTHEAST CORNER OF A HANDHOLE CONCRETE BASE AT THE NORTHEAST CORNER OF IL ROUTE 47 AND MAIN STREET. ELEV = 889.936
- BM #12 CUT "□" ON A TRAFFIC SIGNAL BASE AT THE NORTHWEST CORNER OF IL ROUTE 47 AND ALGONQUIN ROAD. ELEV = 893.714

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

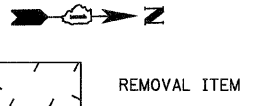
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
ALIGNMENT, TIES AND BENCHMARKS
SHEET 3 OF 3



SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-wt\027-align-ties.dwg
 PLOT SCALE = 250:1
 USER NAME = 3690

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	28
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



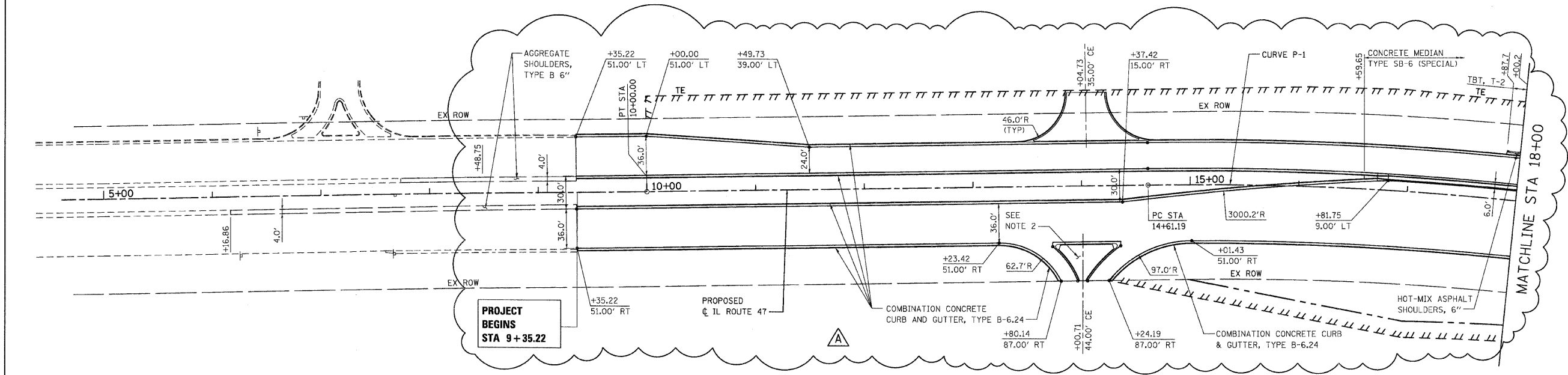
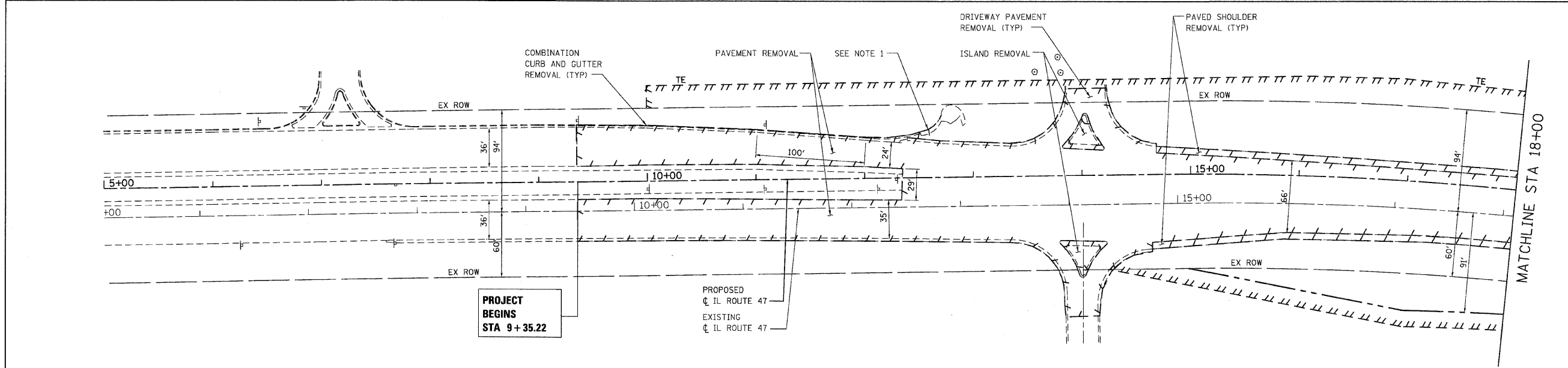
- NOTES:**
1. THE REMOVAL OF THE GUTTER OUTLET SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.
 2. SEE MISCELLANEOUS ROADWAY DETAIL SHEET 3 OF 3 FOR ISLAND DETAIL.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

PLAN	DATE	BY
SURVEYED		
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PROFILE	DATE	BY
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PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-11\11A\028.dwg
 PLOT SCALE = 4:1
 USER NAME = 3699



STATION	ELEVATION	PROPOSED PGL	EXISTING PGL
9+00	891.25		
9+00	891.31		
9+00	890.94		
9+00	891.15		
9+00	890.83		
9+00	891.00		
9+00	890.71		
9+00	890.85		
9+00	891.36		
9+00	890.69		
9+00	891.07		
9+00	890.54		
9+00	891.48		
9+00	890.39		
9+00	891.34		
9+00	890.23		
9+00	890.86		
9+00	890.08		
9+00	890.42		
9+00	889.93		
9+00	890.32		
9+00	889.77		
9+00	890.23		
9+00	889.62		
9+00	890.07		
9+00	889.47		
9+00	889.86		
9+00	889.31		
9+00	889.36		
9+00	889.05		
9+00	888.81		
9+00	888.59		
9+00	888.15		
9+00	887.91		
9+00	887.46		
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18+00			

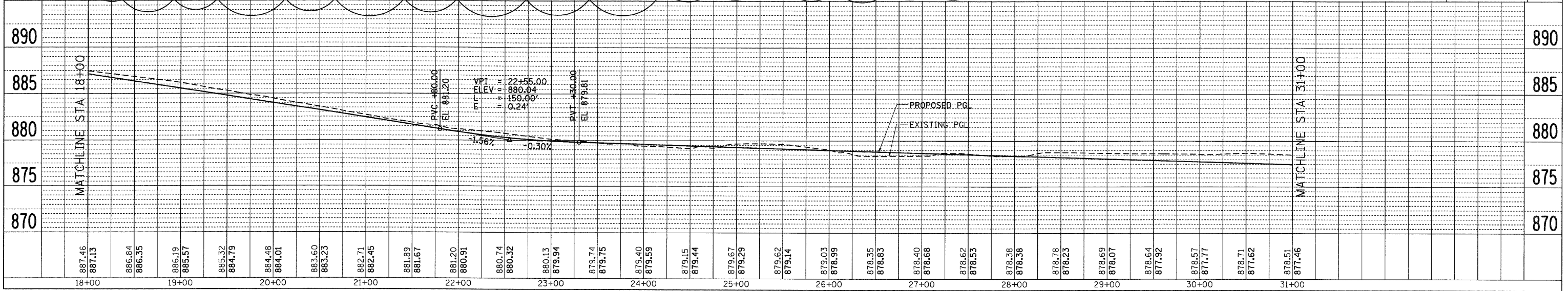
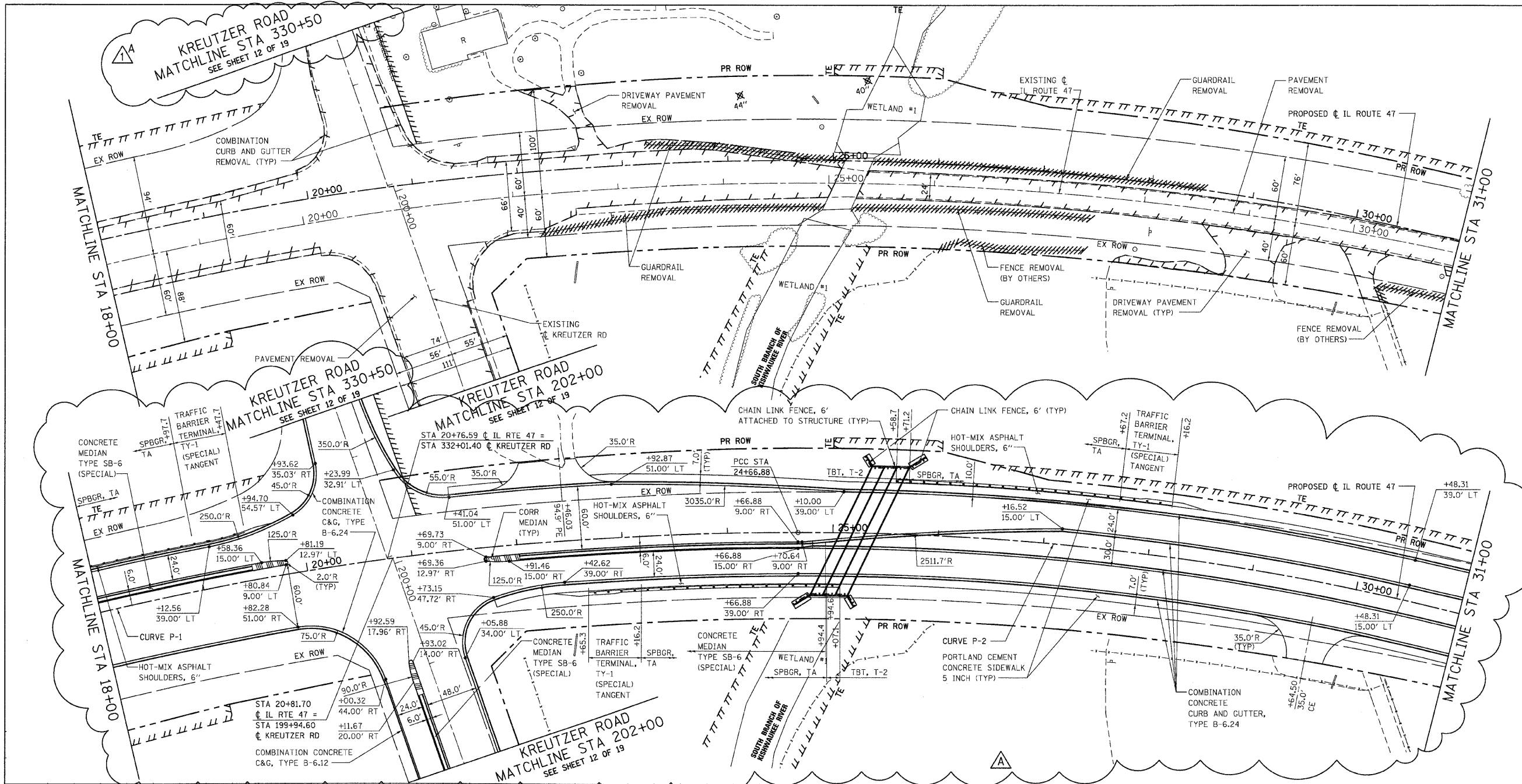
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	29
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



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 PLOT SCALE = 49.99991
 USER NAME = 3696



REVISIONS		
NAME	DATE	
ADDENDUM A	12/21/09	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	33
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105 X 106) WRS-2				



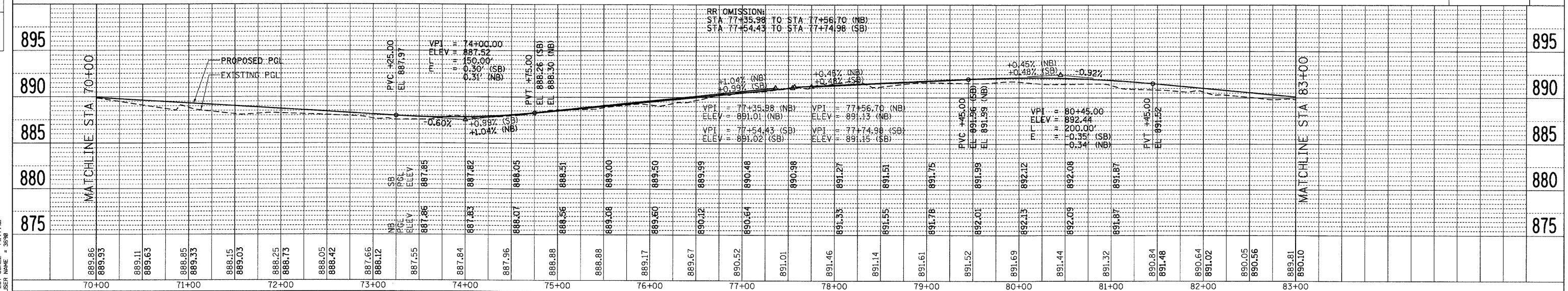
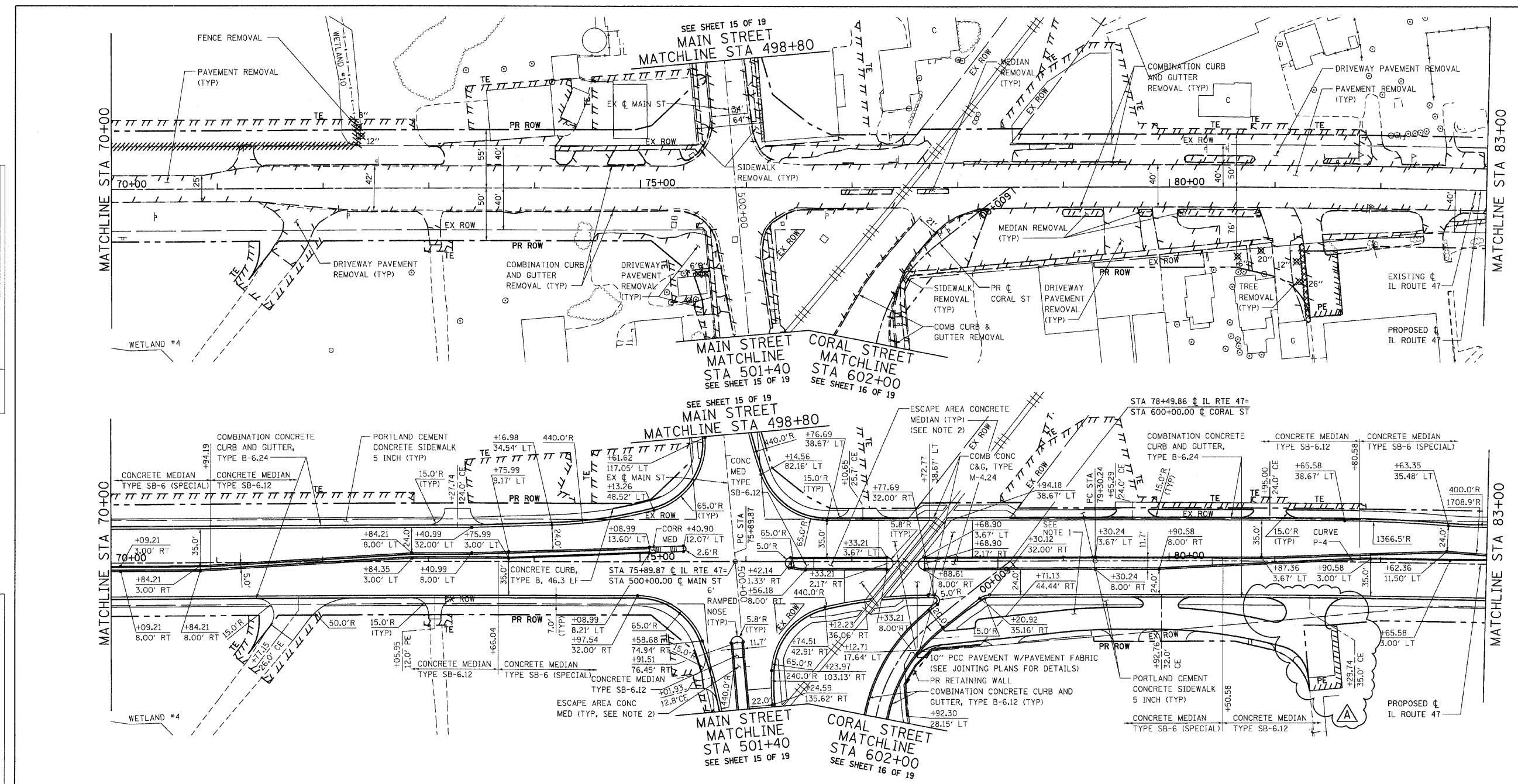
REMOVAL ITEM



NOTES:

- 1. SEE MISCELLANEOUS ROADWAY DETAIL SHEET 2 OF 3 FOR SERVICE DRIVEWAY AND SIDEWALK DETAIL.
- 2. SEE ESCAPE AREA MEDIAN DETAIL.

REVISIONS		
NAME	DATE	
ADDENDUM A	12/21/09	

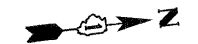


PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
REVISIONS		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
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REVISIONS		
NOTE BOOK		
NO.		

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3596

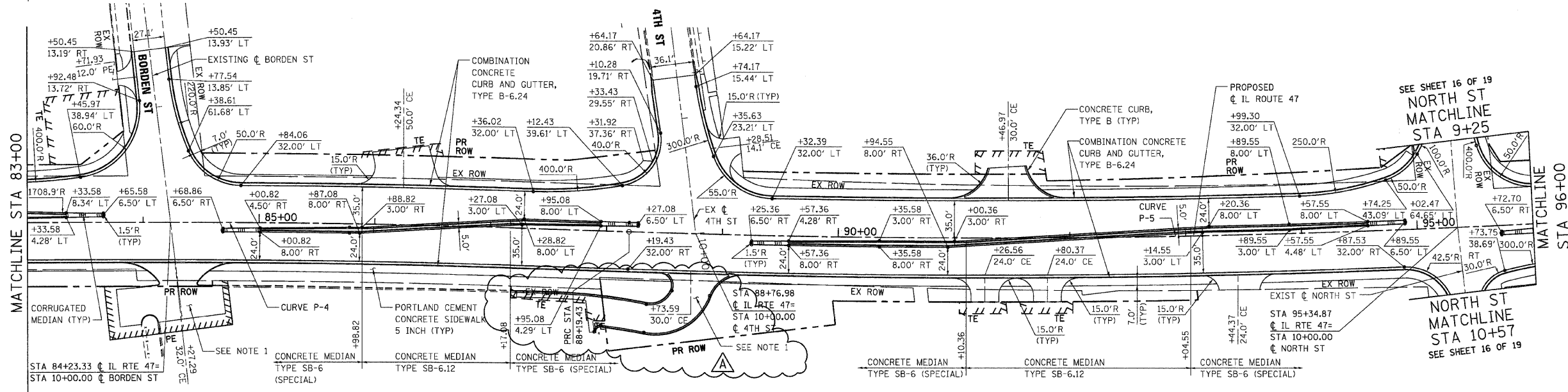
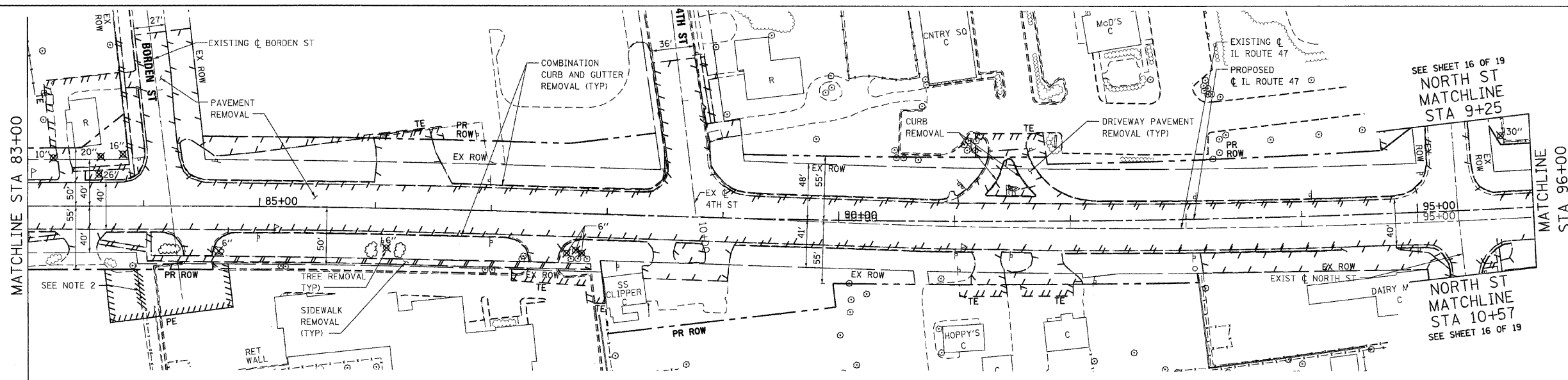
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
326		McHENRY	502
STA. 9+35.22		TO STA. 142+08.53	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
* (105X & 106) WRS-2			



DATE	BY
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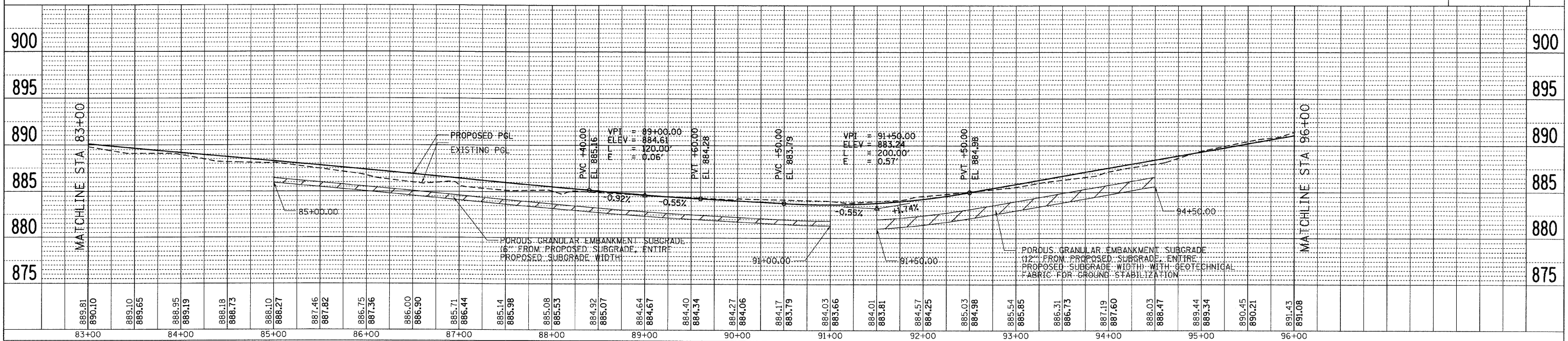
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 USER NAME = 3699



NOTES:

1. SEE MISCELLANEOUS ROADWAY DETAIL SHEET FOR DRIVEWAY DETAILS.
2. REMOVAL OF TIMBER FENCE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

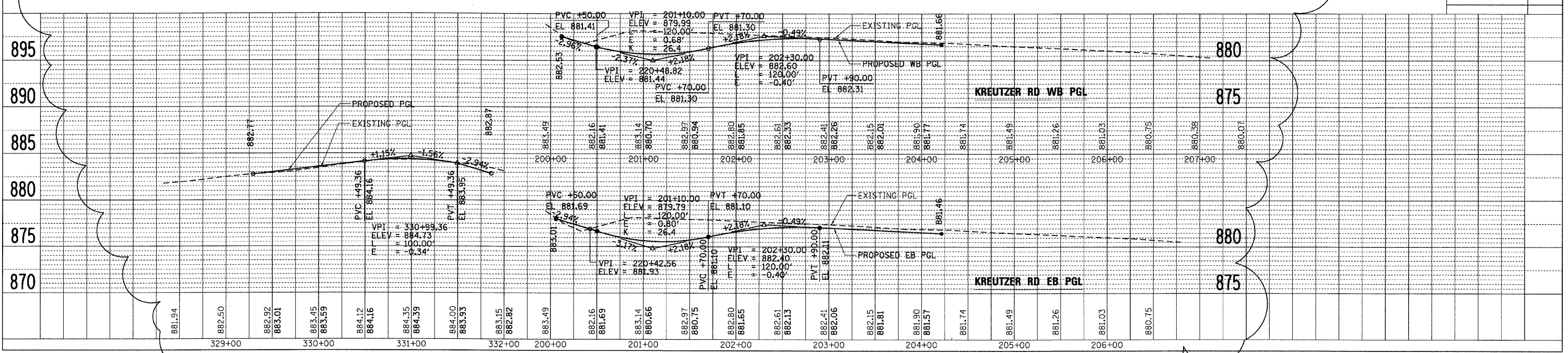
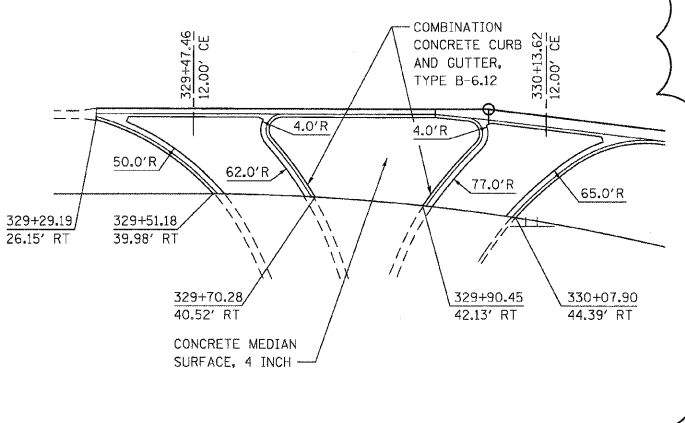
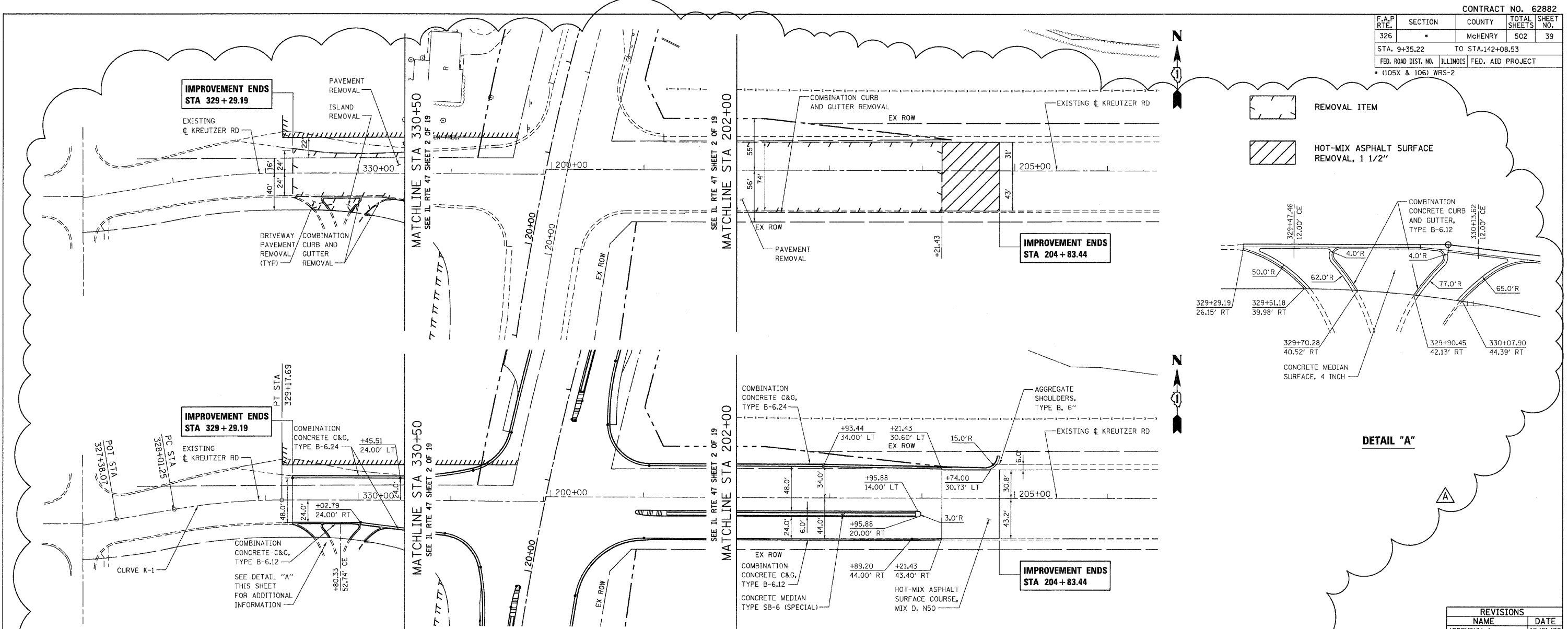


CONTRACT NO. 62882	
F.A.P. RTE.	SECTION
326	*
COUNTY	TOTAL SHEETS
MCHENRY	502
STA. 9+35.22	TO STA. 142+08.53
FED. ROAD DIST. NO.	ILLINOIS
FED. AID PROJECT	
* (105X & 106) WRS-2	

PLAN	DATE
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DATE	

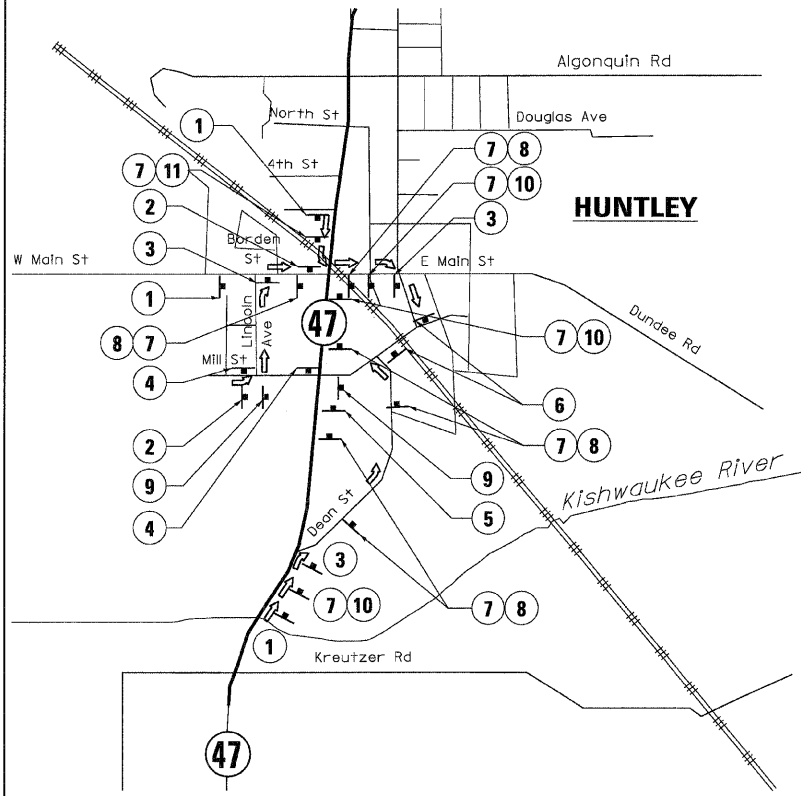
PROFILE	DATE
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PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3698

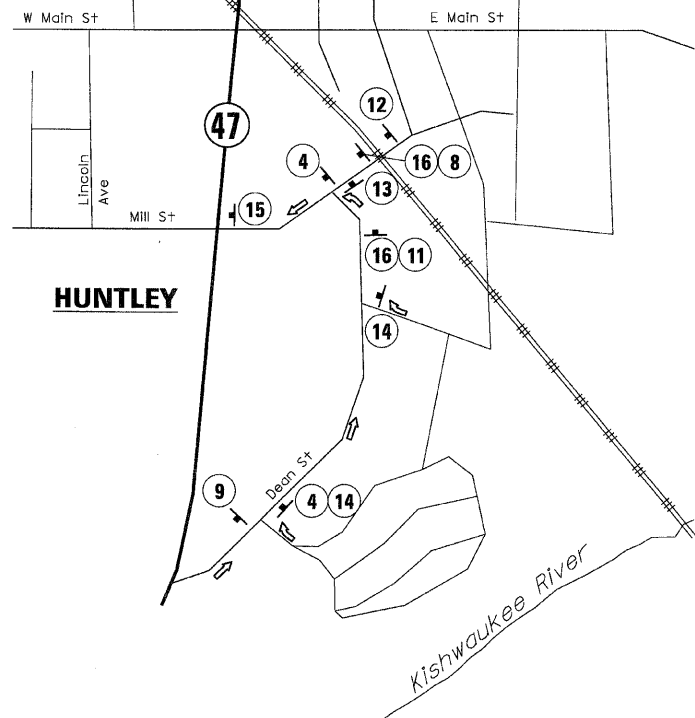


REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

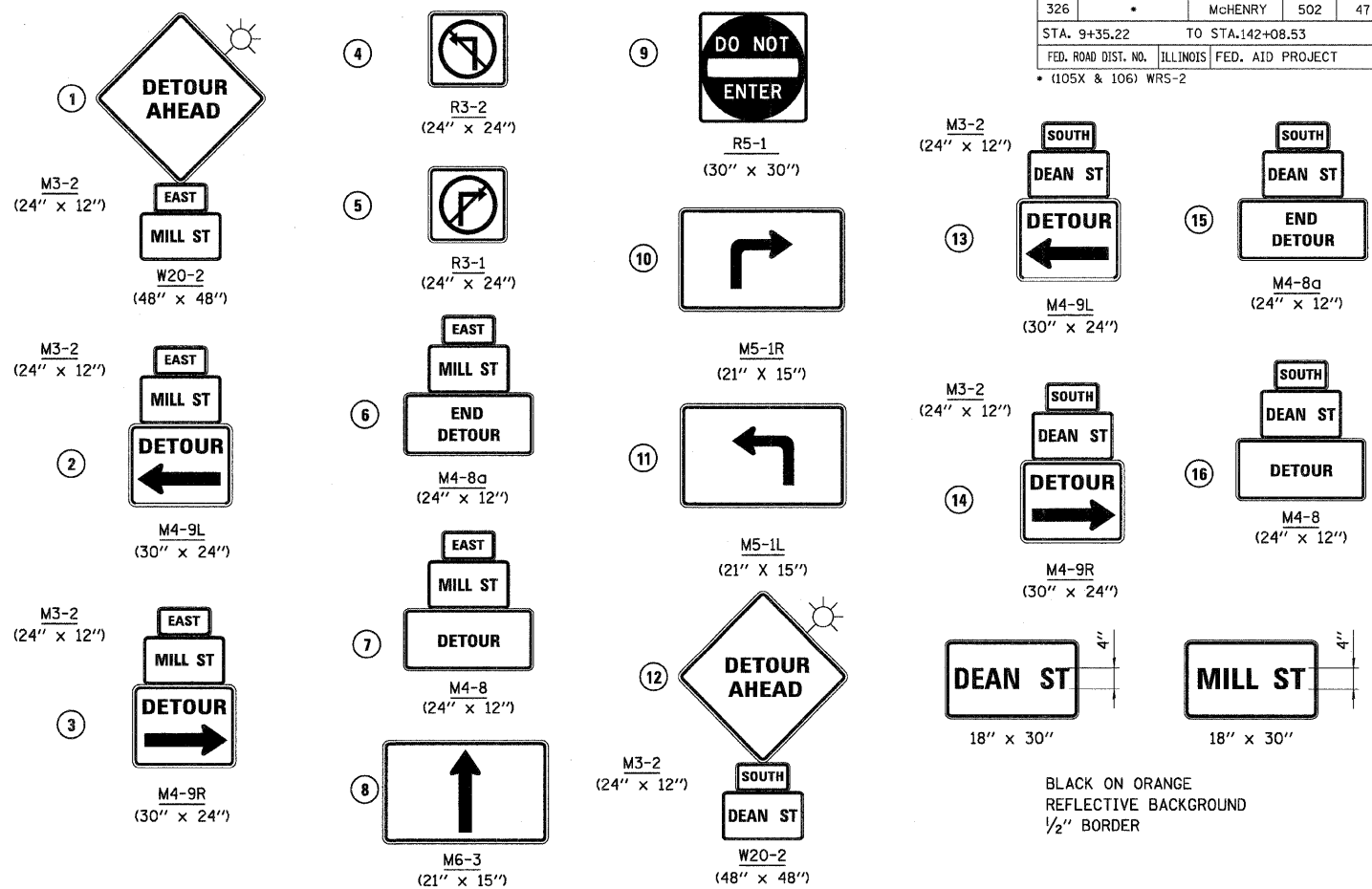
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	47
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



**SUGGESTED DETOUR PLAN
STAGE 1 - MILL STREET**



**SUGGESTED DETOUR PLAN
STAGE 2 - DEAN STREET**



BLACK ON ORANGE
REFLECTIVE BACKGROUND
1/2" BORDER

GENERAL NOTES:

- SIDEWALK CLOSURE SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701801.
- ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701901.
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED. CONSTRUCTION OF THE DRIVEWAYS SHALL BE STAGED AS DIRECTED BY THE ENGINEER AND COORDINATED WITH THE PROPERTY OWNER.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- TRAFFIC CONTROL AT ALL SIDE ROADS, DRIVEWAYS AND ENTRANCES SHALL BE PER DISTRICT ONE DETAIL TC-10.
- DRIVEWAY ENTRANCE SIGNS SHALL BE INSTALLED AT ALL COMMERCIAL ENTRANCES AS PER DISTRICT ONE DETAIL TC-26.
- ALL EXISTING SPEED LIMIT SIGNS SHALL BE REMOVED OR COVERED PRIOR TO STAGE 1.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES TO ENSURE RAILROAD CROSSING PROTECTION EQUIPMENT IS IN PLACE AND MAINTAINED AT ALL TIMES AND FACILITATE INSTALLATION OF NEW AND TEMPORARY EQUIPMENT.

9. AT THE HIGHWAY-RAIL GRADE CROSSINGS AT IL ROUTE 47 AND MAIN STREET, LANE RESTRICTIONS, FLAGGING OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSINGS TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. THE COST OF FLAGGERS OR UNIFORMED LAW ENFORCEMENT OFFICERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

MAINTENANCE OF TRAFFIC PAVEMENT MARKING LEGEND:

- TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW @ 11" CENTERS)
- TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE, 10' DASH, 30' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- TEMPORARY PAVEMENT MARKING - 6" (WHITE, 2' DASH, 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- WET PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
- WET PAVEMENT MARKING TAPE, TYPE III 4" (DOUBLE YELLOW @ 11" CENTERS)
- WET PAVEMENT MARKING TAPE, TYPE III 4" (WHITE, 10' DASH, 30' SKIP)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 4" (WHITE)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 4" (YELLOW)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 6" (WHITE, 2' DASH, 6' SKIP)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 6" (WHITE)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 12" (YELLOW)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 24" (WHITE)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 8" (WHITE)
- WET PAVEMENT MARKING TAPE, TYPE III LINE 12" (WHITE)

LEGEND:

- TEMPORARY PAVEMENT
- WORK ZONE
- TRAFFIC DIRECTION
- BARRICADES OR DRUMS WITH STEADY BURN LIGHTS
50' C-C ALONG TANGENTS
25' C-C ALONG TAPERS/SHIFTS
12' C-C ALONG RADII
- TYPE III BARRICADE W/2 STEADY BURN LIGHTS
- TRAFFIC CONTROL SIGNS
- ARROW BOARD
- VERTICAL PANEL WITH STEADY BURN LIGHT
50' C-C ALONG TANGENTS
25' C-C ALONG TAPERS/SHIFTS
12' C-C ALONG RADII

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09



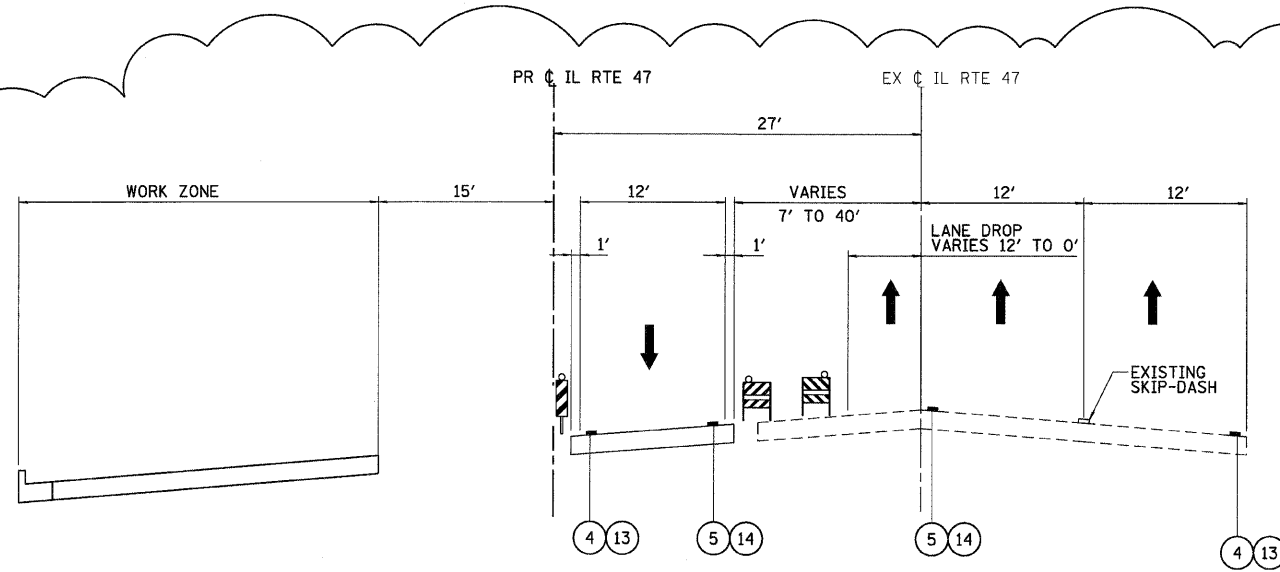
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC GENERAL NOTES
AND LEGEND

SCALE: VERT. NO SCALE
HORIZ. NO SCALE
DATE: 8/5/2009

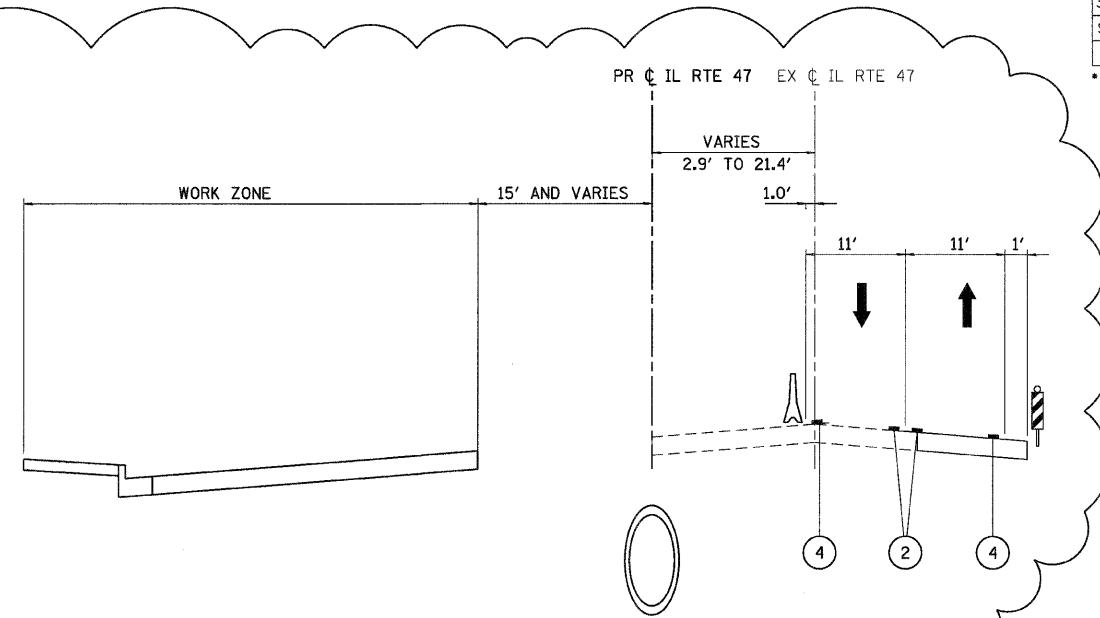
DRAWN BY: E.D.
CHECKED BY: B.S.

PLOT DATE = Thursday, December 17, 2009
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PLOT SCALE = 1/8"=1'
USER NAME = 3690

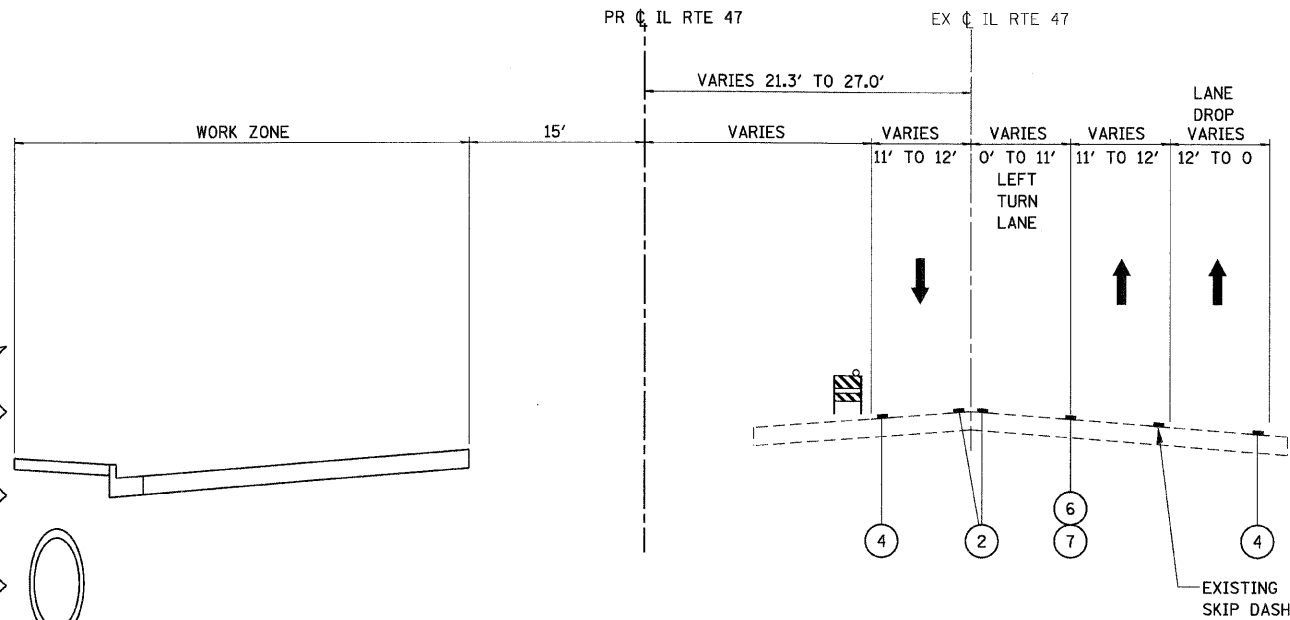
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	49
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



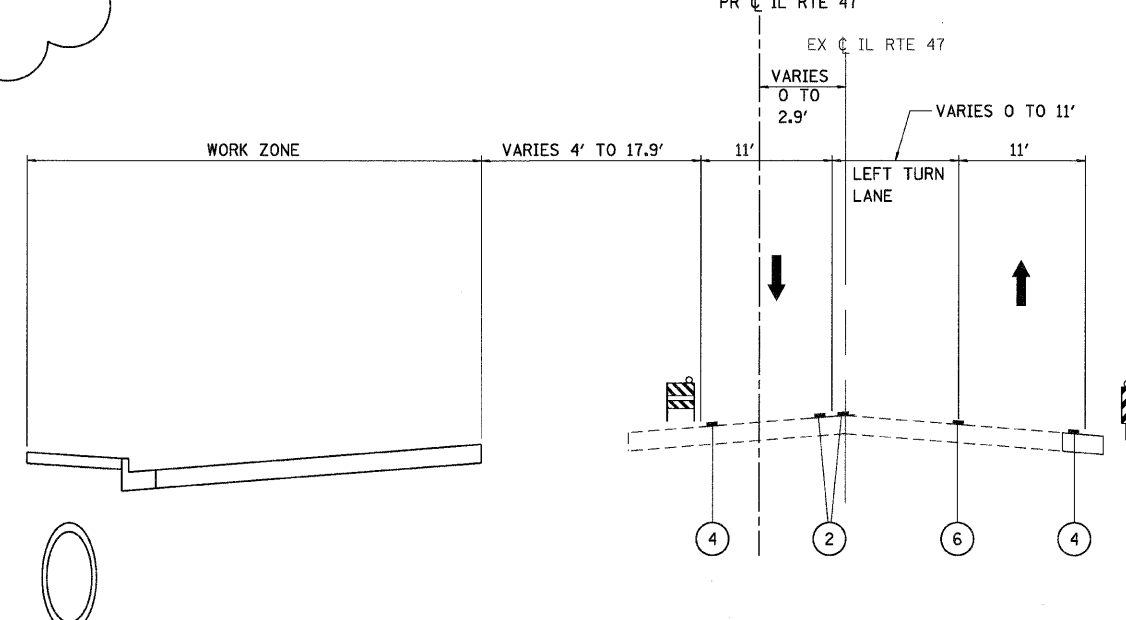
STAGE 1: IL RTE 47
STA 7+32.7 TO STA 11+59.6



STAGE 1 - IL RTE 47
STA 25+23.0 TO STA 33+29.9



STAGE 1 - IL RTE 47
STA 11+59.6 TO STA 25+23.0



STAGE 1 - IL RTE 47
STA 33+29.9 TO STA 75+89.9

PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\11-CADD\11-rte-47\11-rte-47-tp-ase-1.dgn
PLOT SCALE = 1/8"=1'
USER NAME = 3670



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

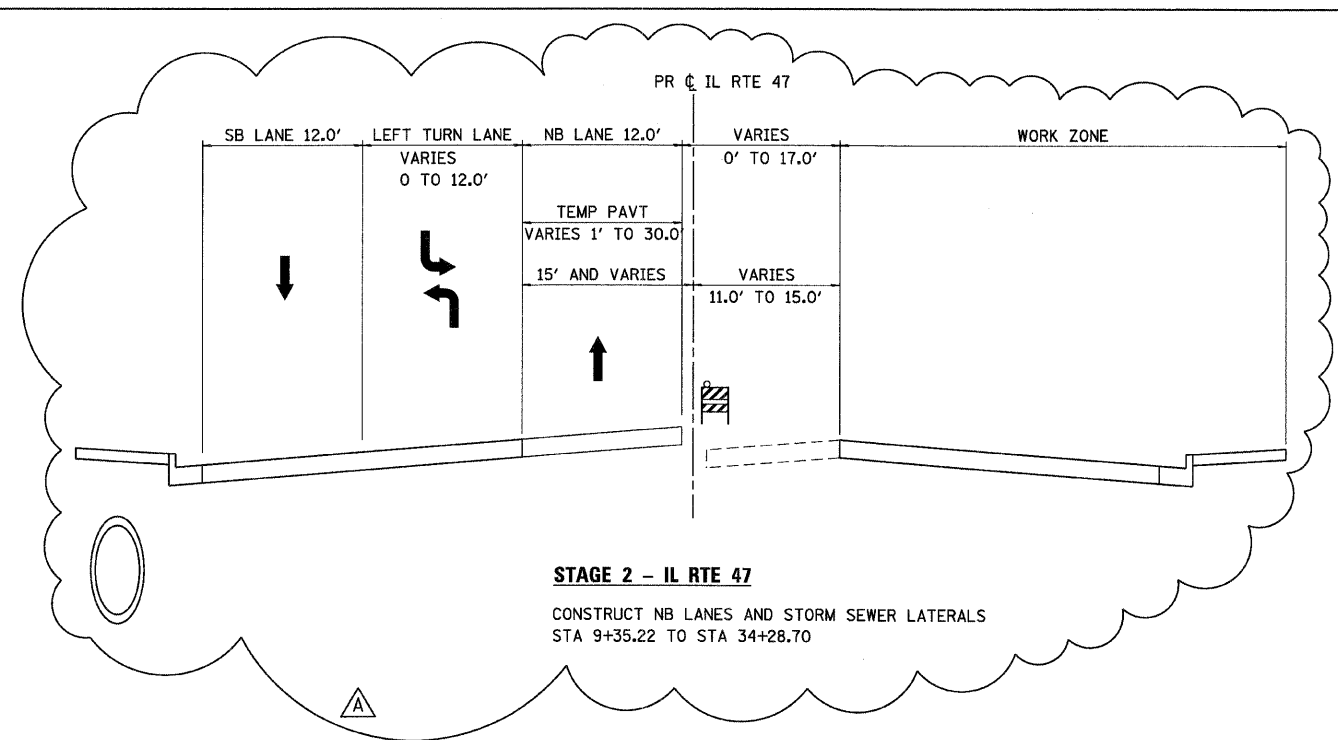
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
STAGE 1 - SHEET 1 OF 2

SCALE: VERT. NO SCALE
HORIZ. DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: B.S.

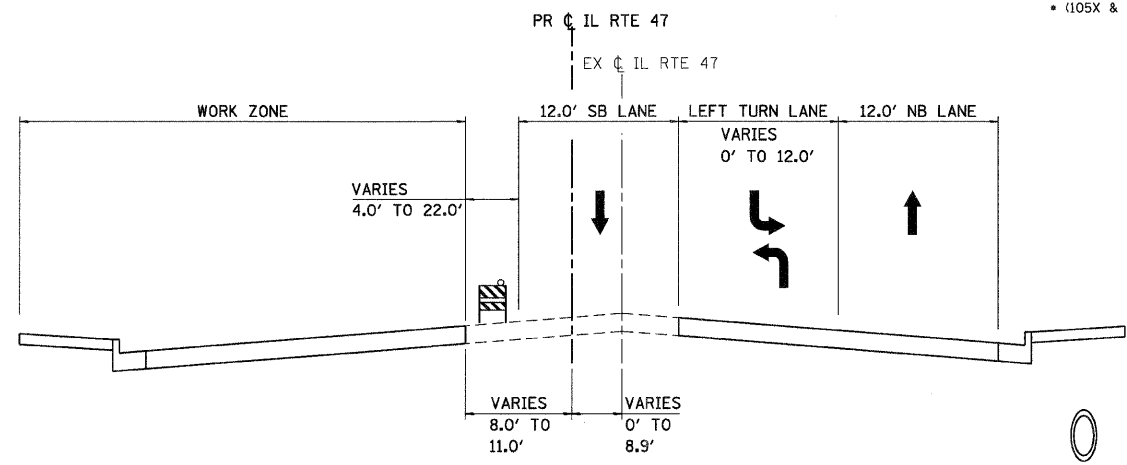
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	51

STA. 9+35.22 TO STA. 142+08.53
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

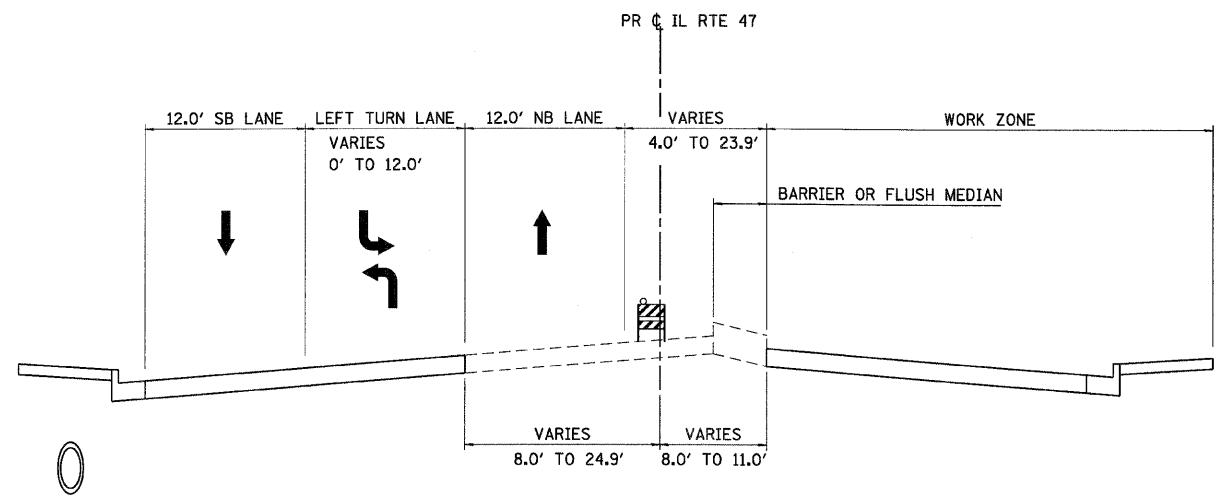
• (105X & 106) WRS-2



STAGE 2 - IL RTE 47
 CONSTRUCT NB LANES AND STORM SEWER LATERALS
 STA 9+35.22 TO STA 34+28.70



STAGE 2 - IL RTE 47
 CONSTRUCT SB LANES AND STORM SEWER LATERALS
 STA 81+03.70 TO STA 123+54.02



STAGE 2 - IL RTE 47
 CONSTRUCT NB LANES AND STORM SEWER LATERALS
 STA 34+28.70 TO STA 80+84.25
 STA 124+30.30 TO STA 142+08.53

PLOT DATE = Thursday, December 17, 2009
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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = JBS'99



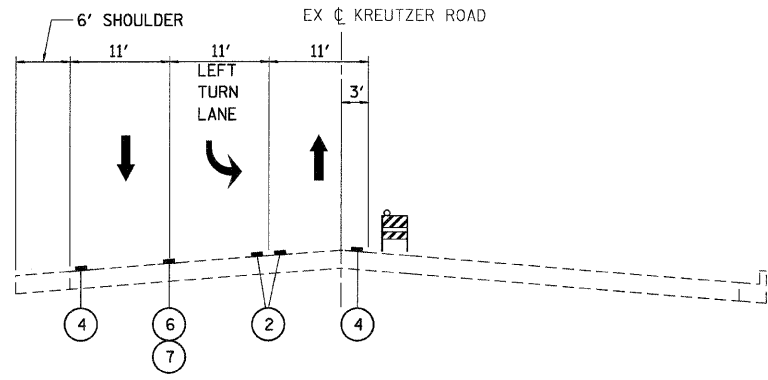
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
 STAGE 2 - SHEET 1 OF 1

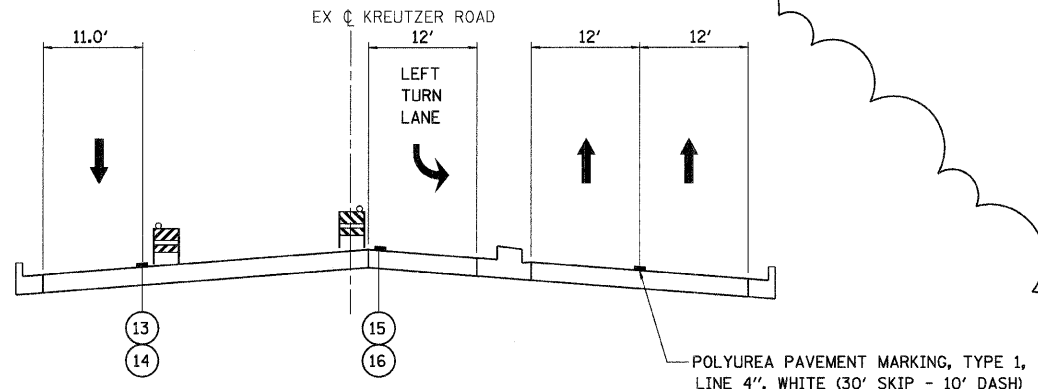
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 HORIZ. NO SCALE
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

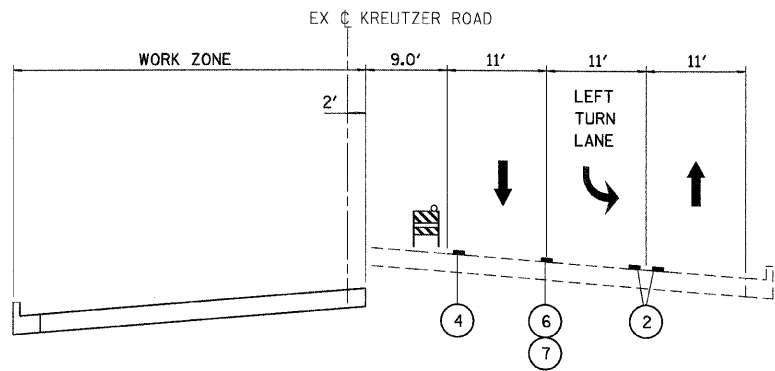
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	53
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



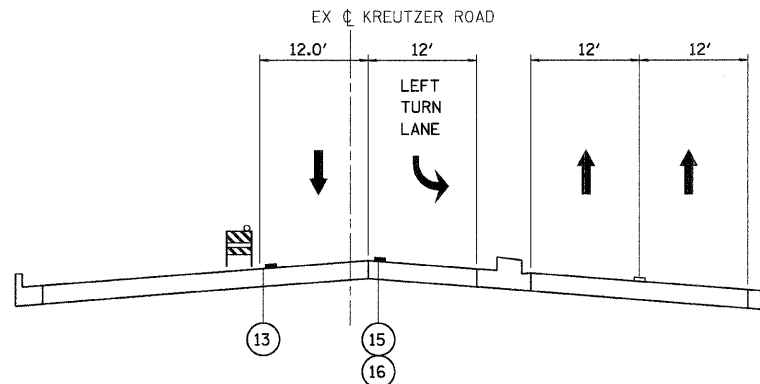
STAGE 1: KREUTZER ROAD (EAST)



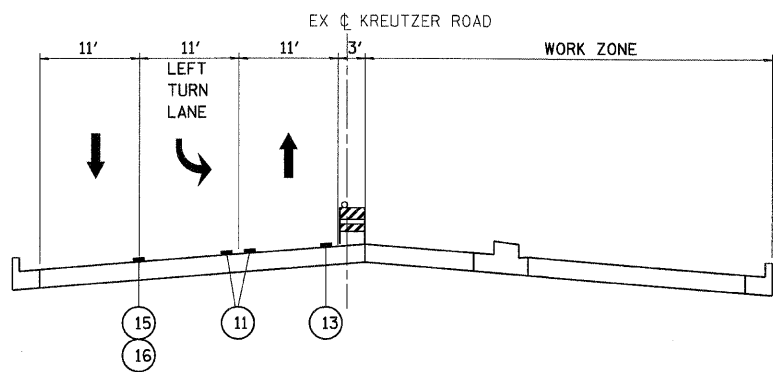
STAGE 3B: KREUTZER ROAD (EAST)



STAGE 1B & 2: KREUTZER ROAD (EAST)



STAGE 3C: KREUTZER ROAD (EAST)



STAGE 2B & 3: KREUTZER ROAD (EAST)

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3690

A



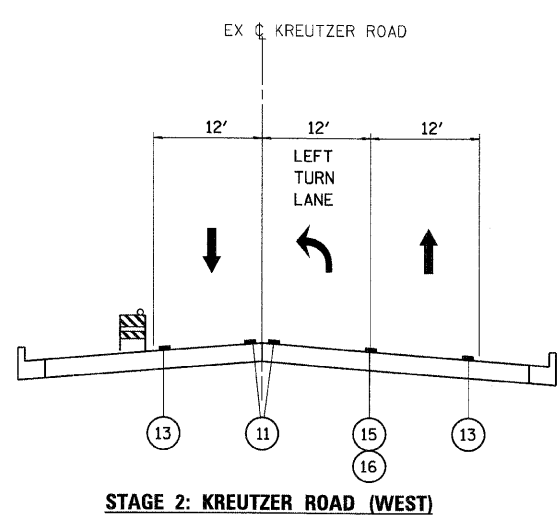
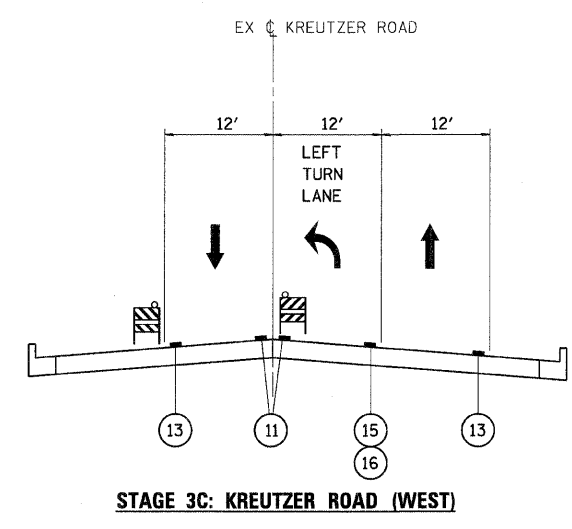
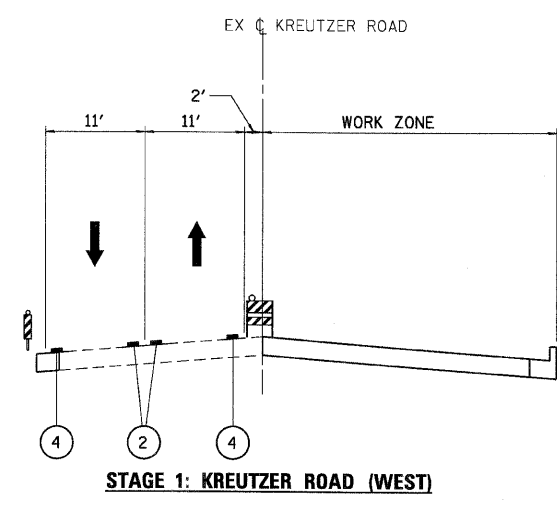
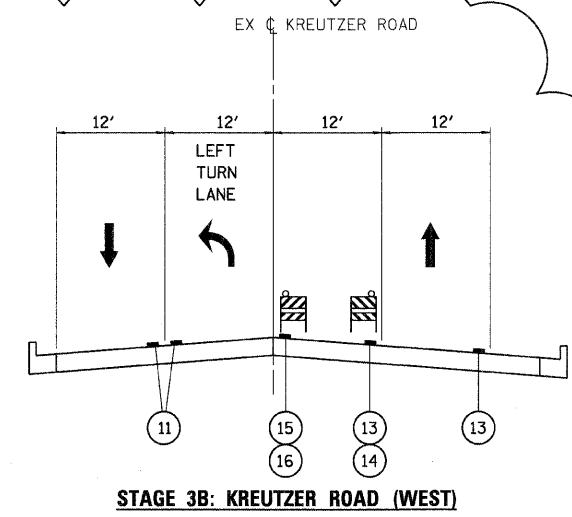
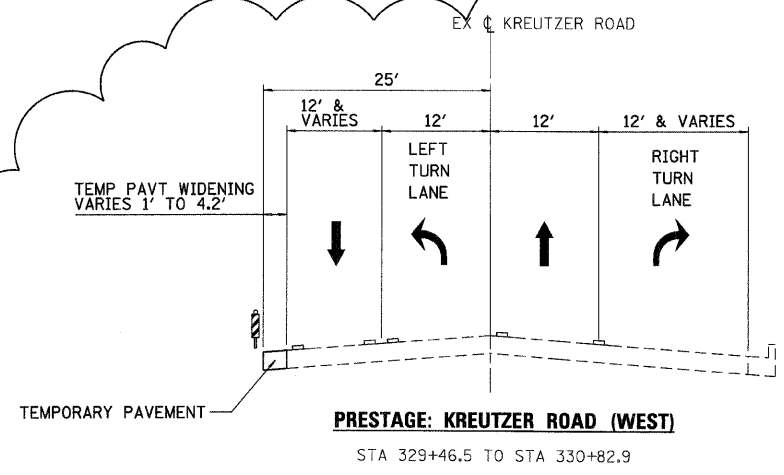
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
 SHEET 1 OF 2

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	54
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3959



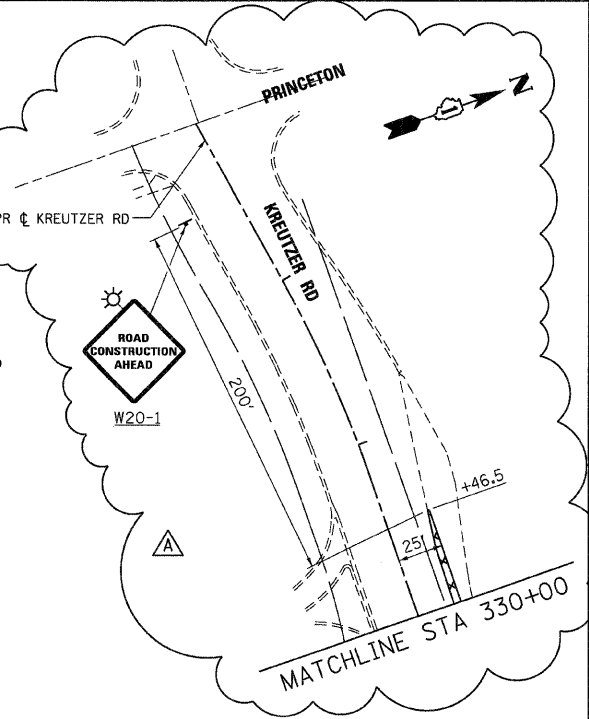
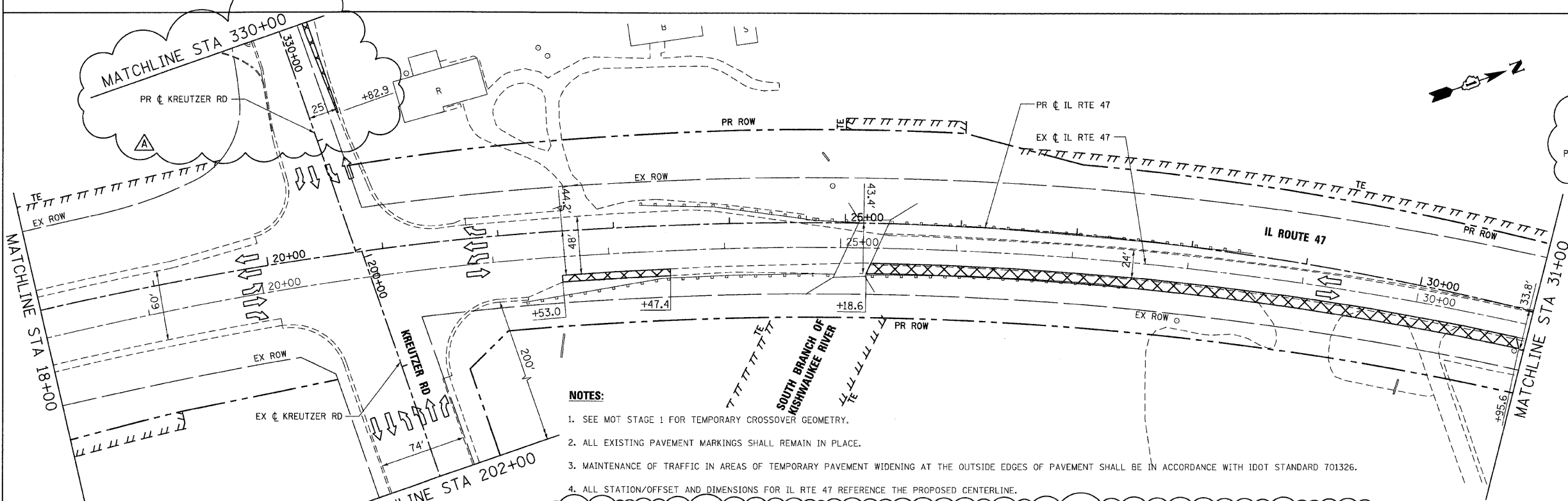
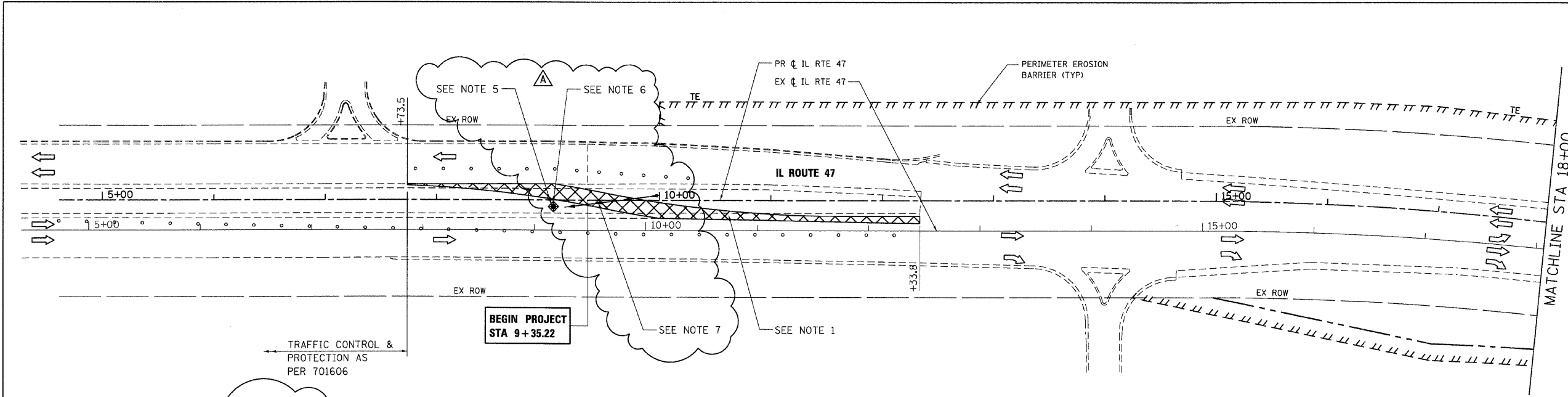
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SHEET 2 OF 2

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	60
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:

1. SEE MOT STAGE 1 FOR TEMPORARY CROSSOVER GEOMETRY.
2. ALL EXISTING PAVEMENT MARKINGS SHALL REMAIN IN PLACE.
3. MAINTENANCE OF TRAFFIC IN AREAS OF TEMPORARY PAVEMENT WIDENING AT THE OUTSIDE EDGES OF PAVEMENT SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701326.
4. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.
5. INSTALL TEMPORARY CATCH BASIN AT STA 9+04.79, 5.5' RT, RIM 889.34, INV 884.80. CONNECT TEMPORARY CATCH BASIN TO EXISTING INLET AT STA 9+04.79, 0.2' LT, WITH TEMPORARY STORM SEWER 12". SEE SPECIAL PROVISIONS FOR FURTHER DETAIL.
6. FRAME AND GRATE OF EXISTING INLET AT STA 9+04.79, 0.2 LT TO BE REMOVED AND REPLACED WITH STEEL PLATED ANCHORED TO INLET PRIOR TO INSTALLING TEMPORARY PAVEMENT FOR CROSSOVER AS DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR FURTHER DETAIL.
7. INSTALL PIPE CULVERT, CLASS A, TYPE 1, 12" (TEMPORARY) AT STA 9+15.00, 6.5' RT, INV 889.41 TO STA 10+00.00, 4.5' LT, INV 889.93.



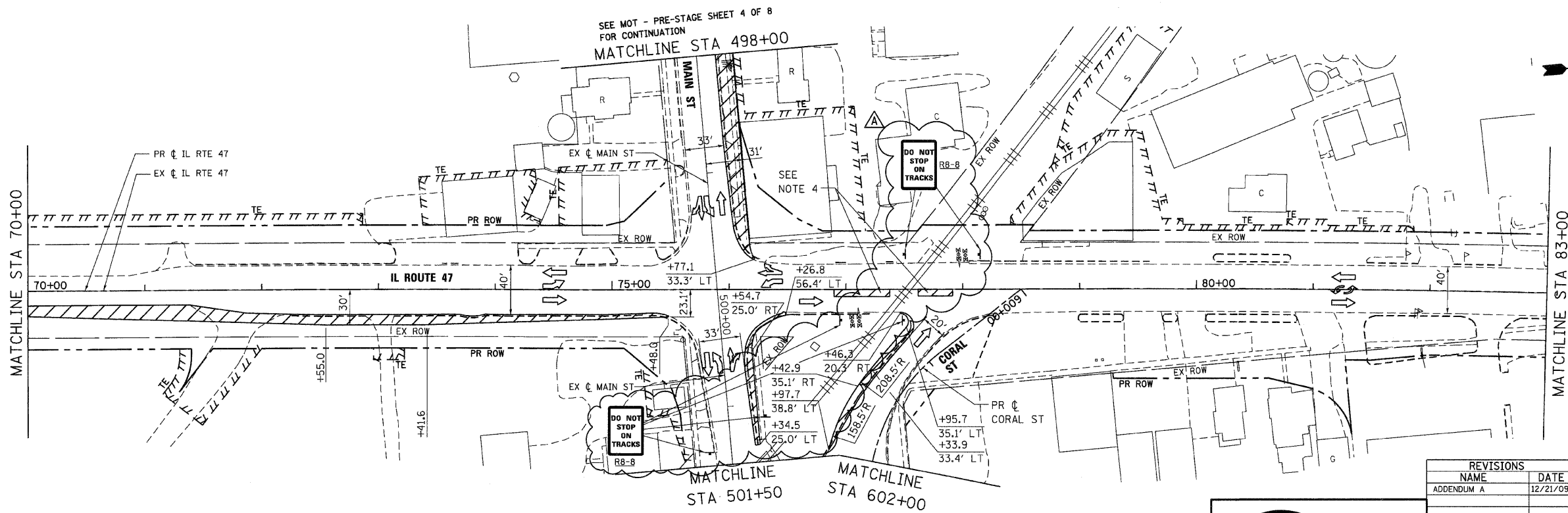
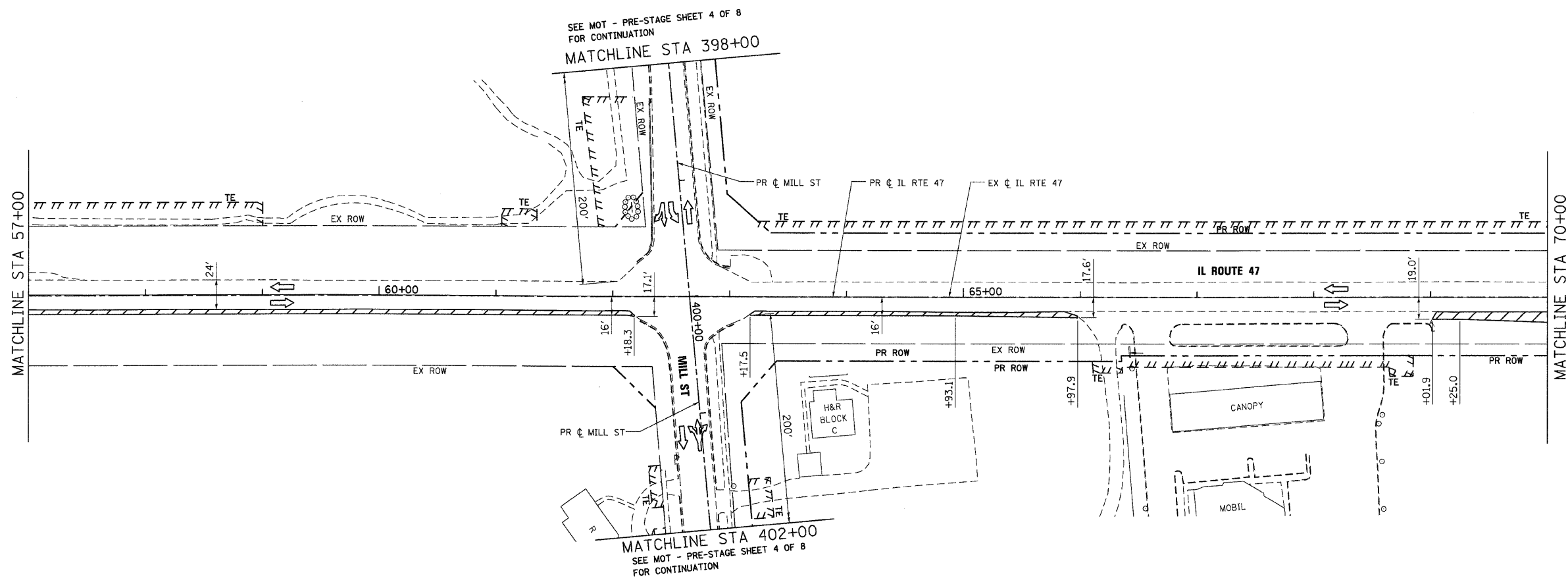
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 USER NAME = 3590

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - PRE-STAGE
 SHEET 1 OF 8

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	62
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



NOTES:

1. ALL EXISTING PAVEMENT MARKINGS SHALL REMAIN IN PLACE.
2. MAINTENANCE OF TRAFFIC IN AREAS OF TEMPORARY PAVEMENT WIDENING SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701326 AND 701502.
3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.
4. CONTRACTOR SHALL INSTALL LONGITUDINAL CHANNELIZER TO THE LIMITS SHOWN ON STAGE 1 ONCE THE EXISTING MEDIAN IS REMOVED AND TEMPORARY PAVEMENT IS INSTALLED.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

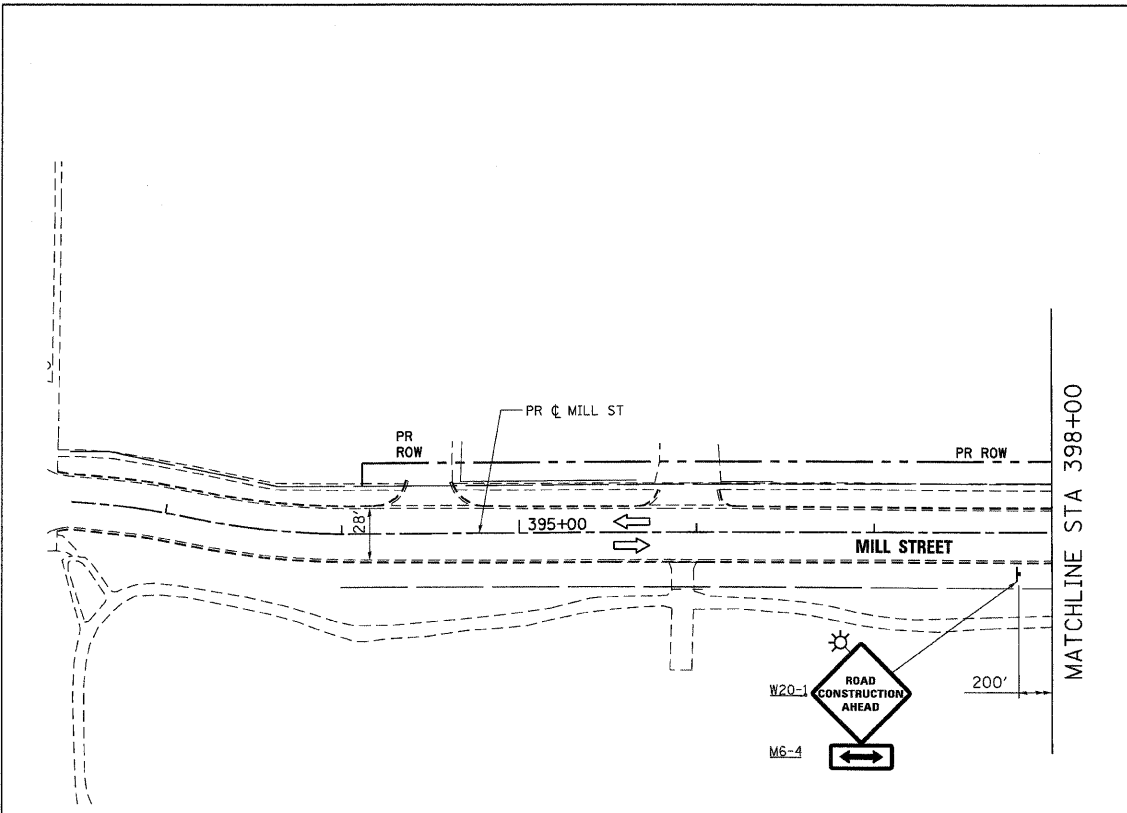
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - PRE-STAGE
SHEET 3 OF 8

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Stanley Consultants Inc.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60633-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 184-00533
 (773) 633-9624

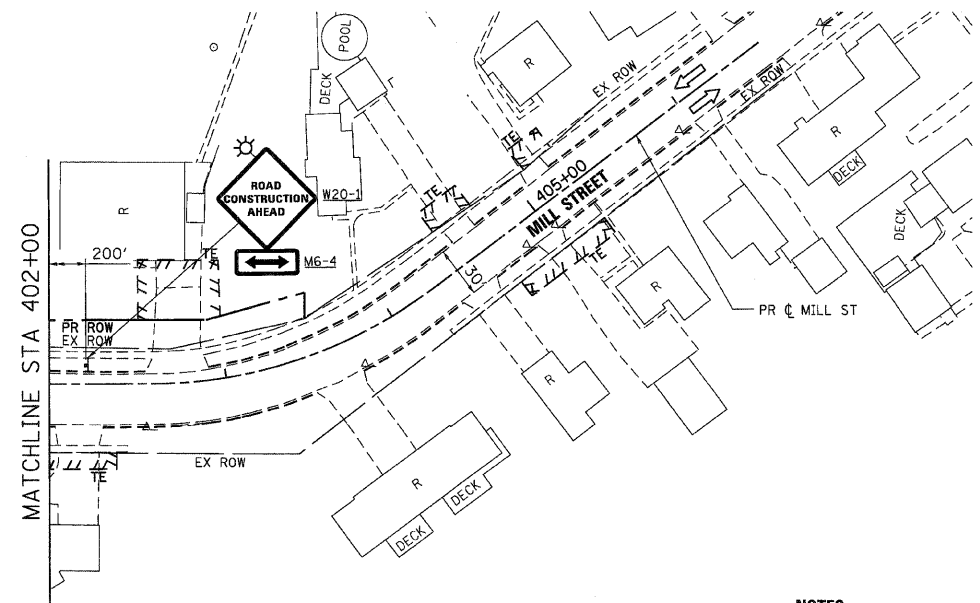
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 USER NAME = 3590

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	63
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



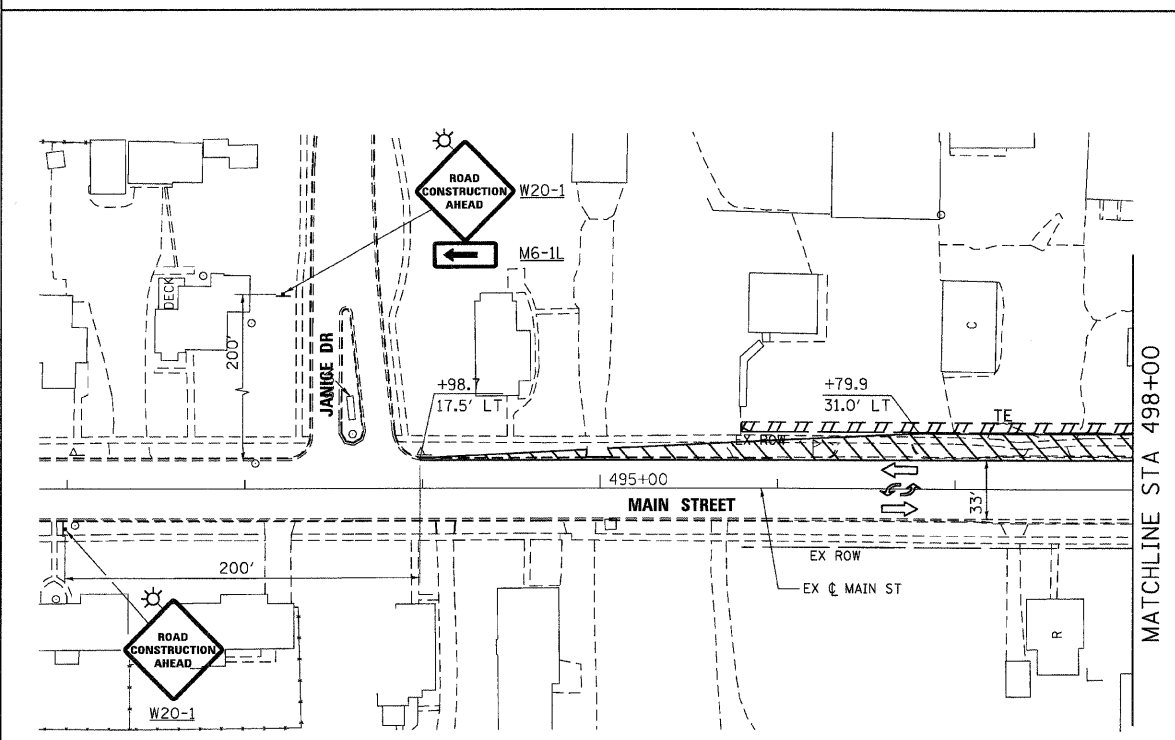
SEE MOT - PRE-STAGE SHEET 3 OF 8 FOR CONTINUATION

MILL STREET



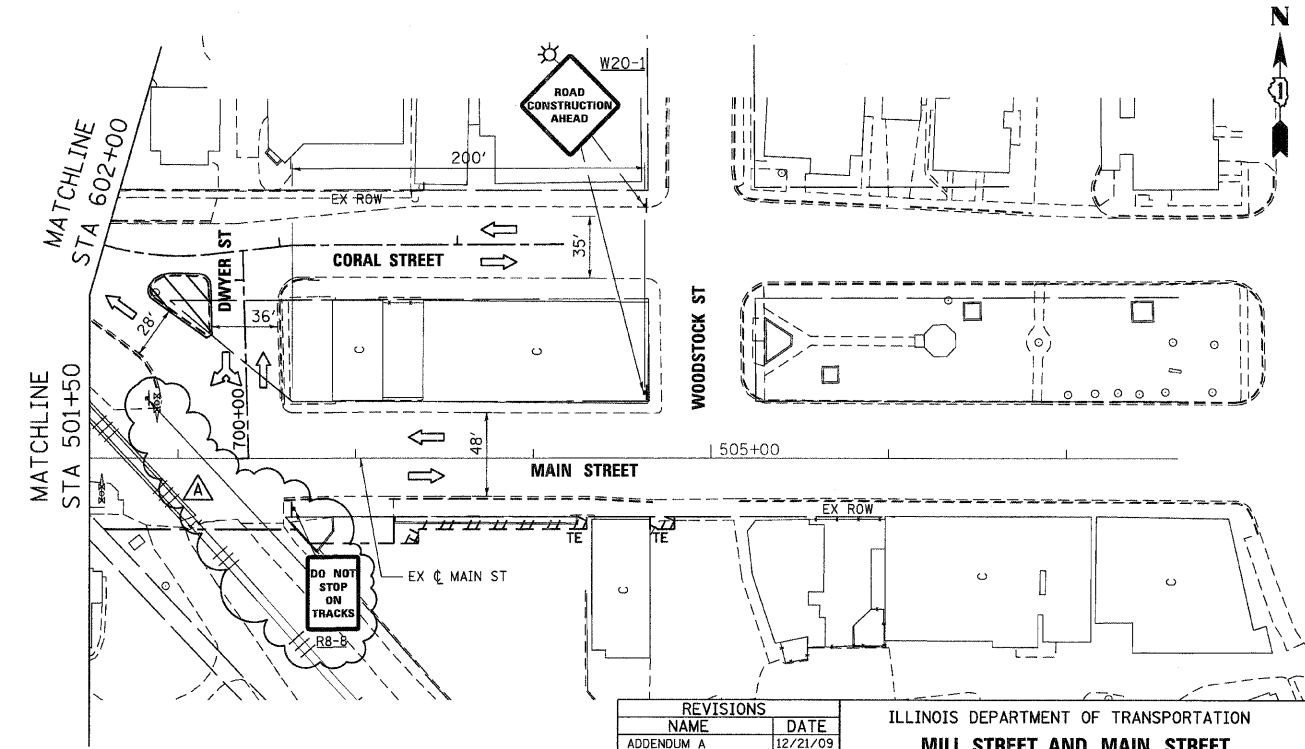
NOTES:

1. ALL EXISTING PAVEMENT MARKINGS SHALL REMAIN IN PLACE.
2. MAINTENANCE OF TRAFFIC IN AREAS OF TEMPORARY PAVEMENT WIDENING AT THE OUTSIDE EDGES OF PAVEMENT SHALL BE IN ACCORDANCE WITH 100T STANDARD 701326.



SEE MOT - PRE-STAGE SHEET 3 OF 8 FOR CONTINUATION

MAIN STREET



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

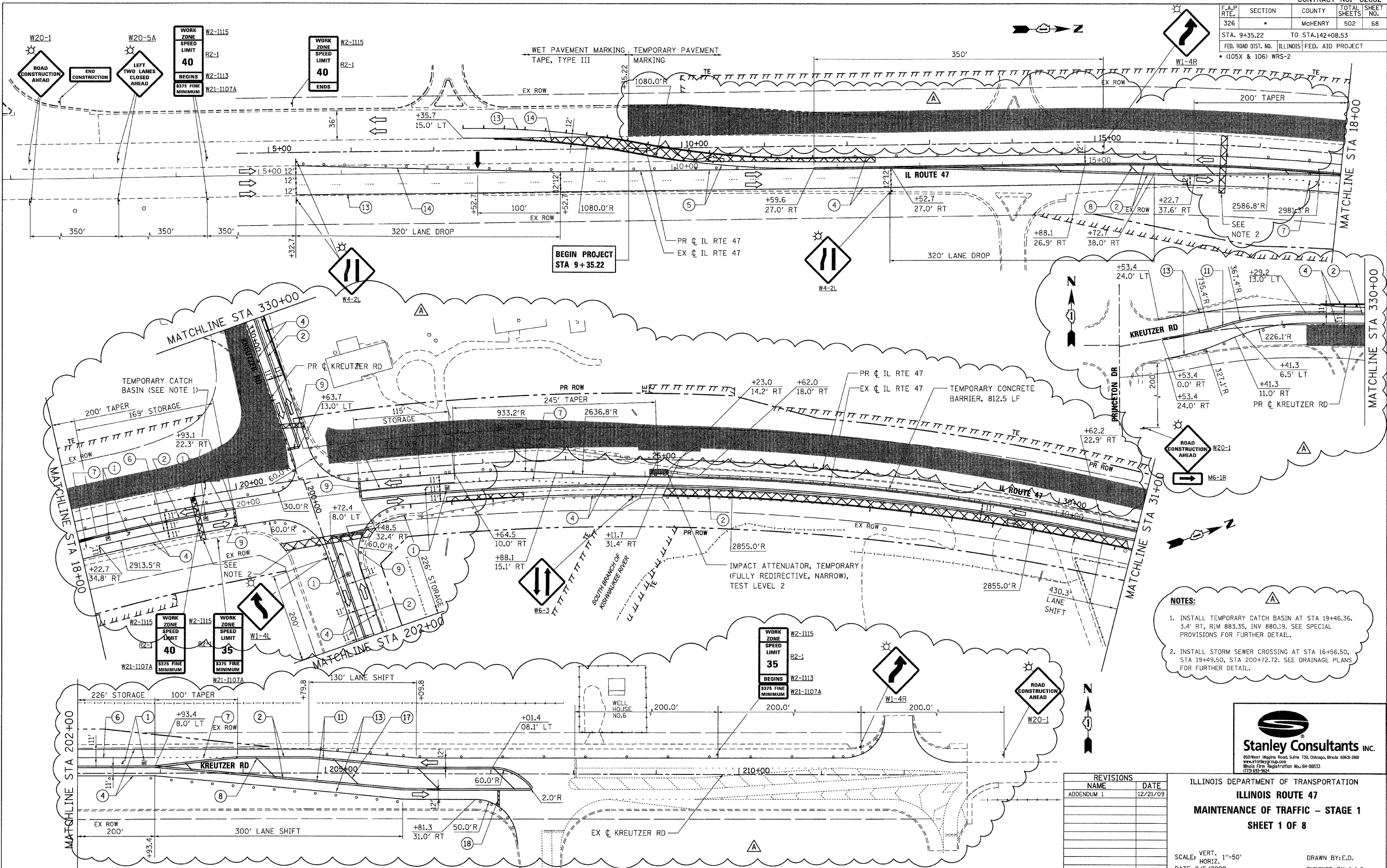
ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET AND MAIN STREET
 MAINTENANCE OF TRAFFIC - PRE-STAGE
 SHEET 4 OF 8



SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-shs\B63.mot_pre-stg\shs4.dgn
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 USER NAME = jbr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHEMRY	502	68
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• (105X & 106) WRS-2		



WORK ZONE SPEED LIMIT 40 BEGINS W2-1115 W2-1113 W21-1107A

WORK ZONE SPEED LIMIT 40 ENDS W2-1115 W2-1113 W21-1107A

BEGIN PROJECT STA 9+35.22

WORK ZONE SPEED LIMIT 35 BEGINS W2-1115 W2-1113 W21-1107A

- NOTES:**
- INSTALL TEMPORARY CATCH BASIN AT STA 19+46.36, 3.4' RT, RIM 883.35, INV 880.19. SEE SPECIAL PROVISIONS FOR FURTHER DETAIL.
 - INSTALL STORM SEWER CROSSING AT STA 16+56.50, STA 19+49.50, STA 200+72.72. SEE DRAINAGE PLANS FOR FURTHER DETAIL.



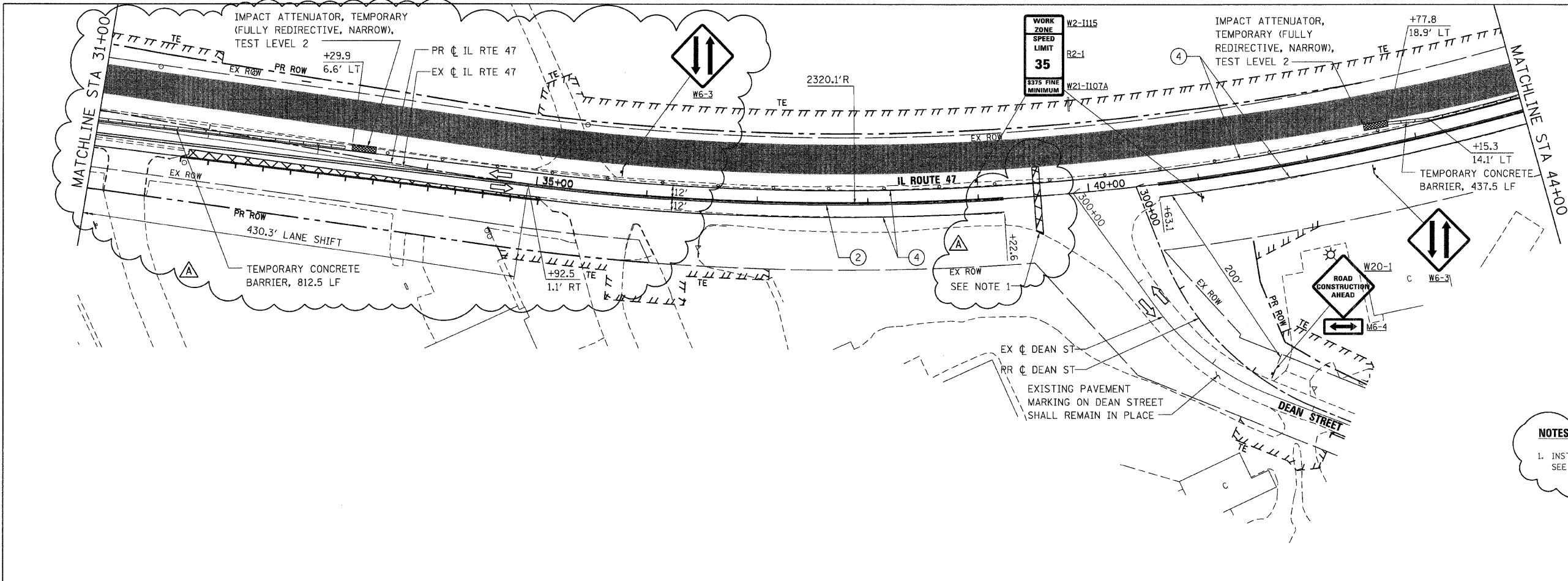
REVISIONS	
NAME	DATE
ADDENDUM 1	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 1
SHEET 1 OF 8

SCALE: VERT. 1"=50'
HORIZ. DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

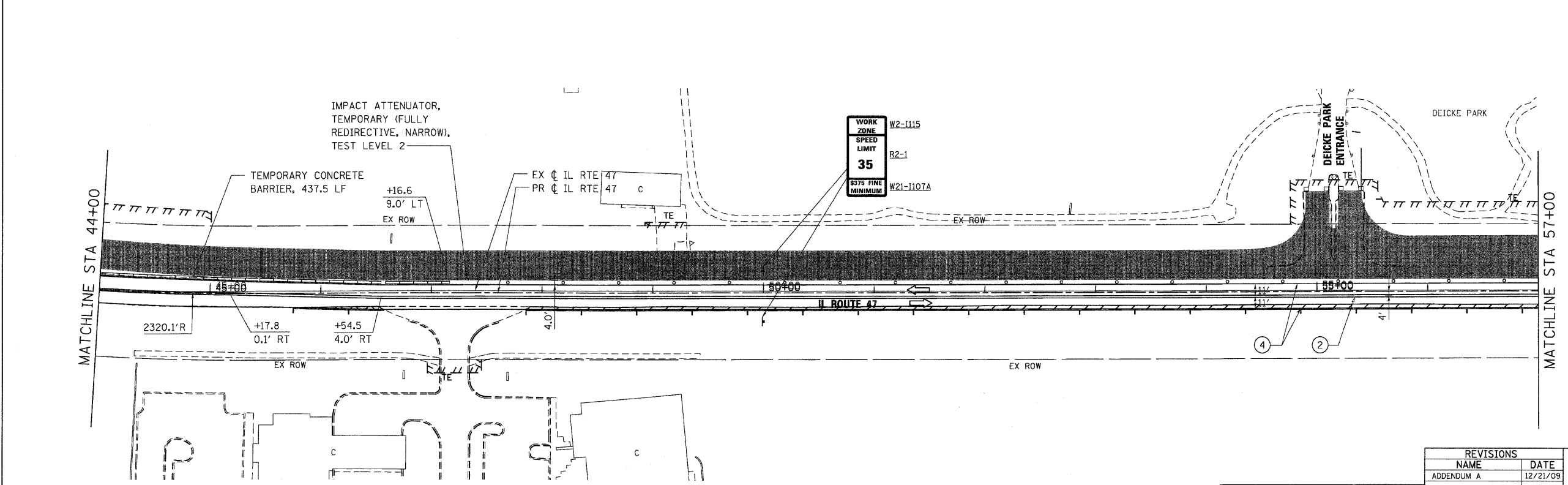
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USER NAME = 35%

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	69
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:

1. INSTALL PROPOSED CULVERT AT STA 39+53.33. SEE DRAINAGE PLANS FOR FURTHER DETAIL.



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09



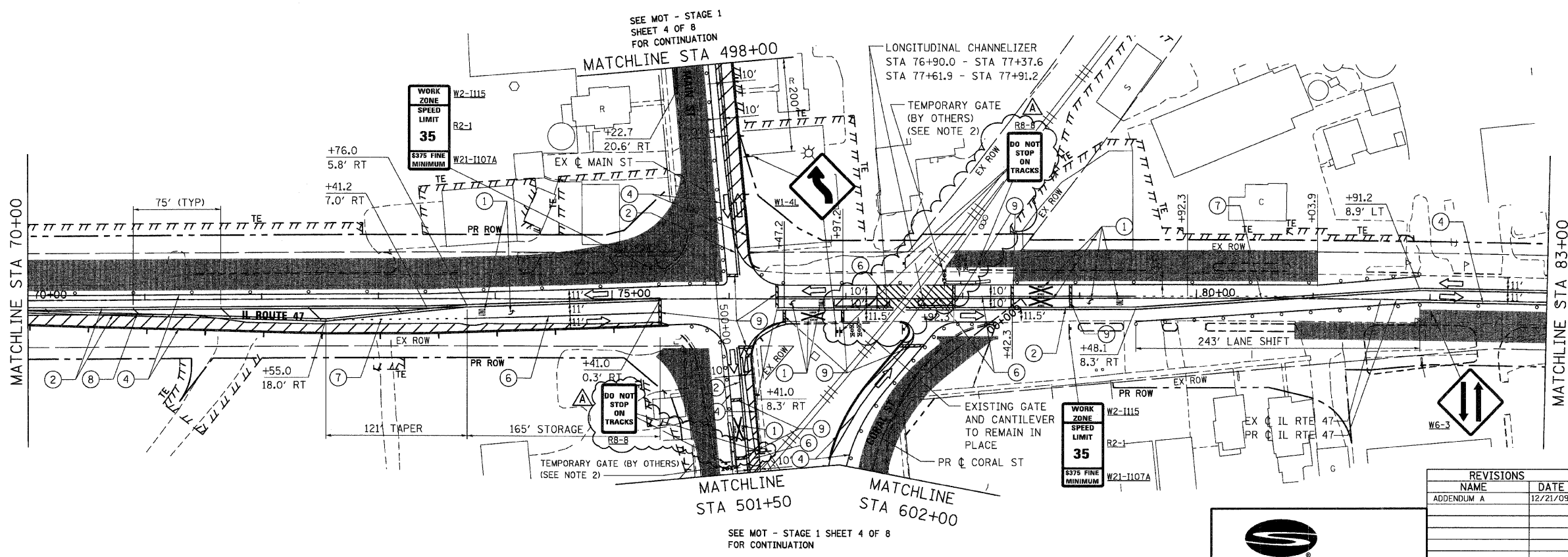
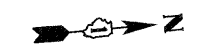
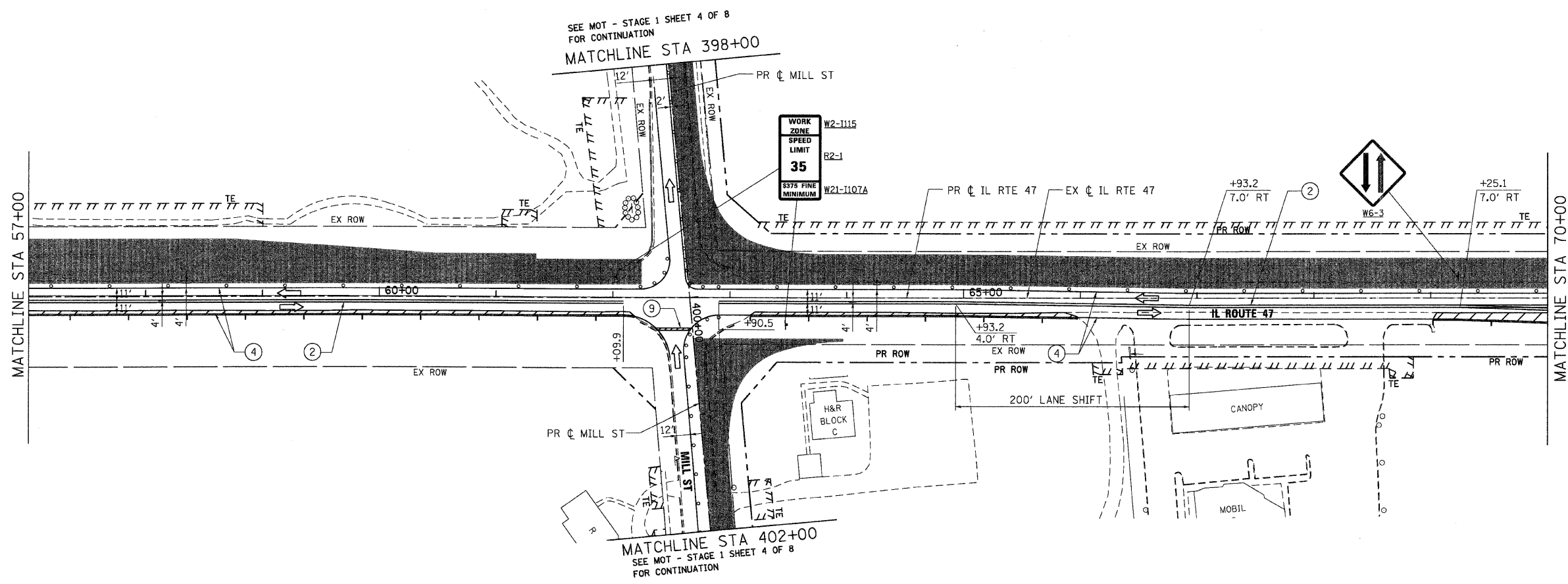
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC – STAGE 1
SHEET 2 OF 8

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\J1-CADD\01-INT\0691.mxd
 PLOT SCALE = 50%
 USER NAME = 3678

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	70
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



- NOTES:**
- SEE MOT GENERAL NOTES, LEGEND AND DETAILS SHEET FOR SUGGESTED DETOUR PLAN FOR MILL STREET.
 - SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

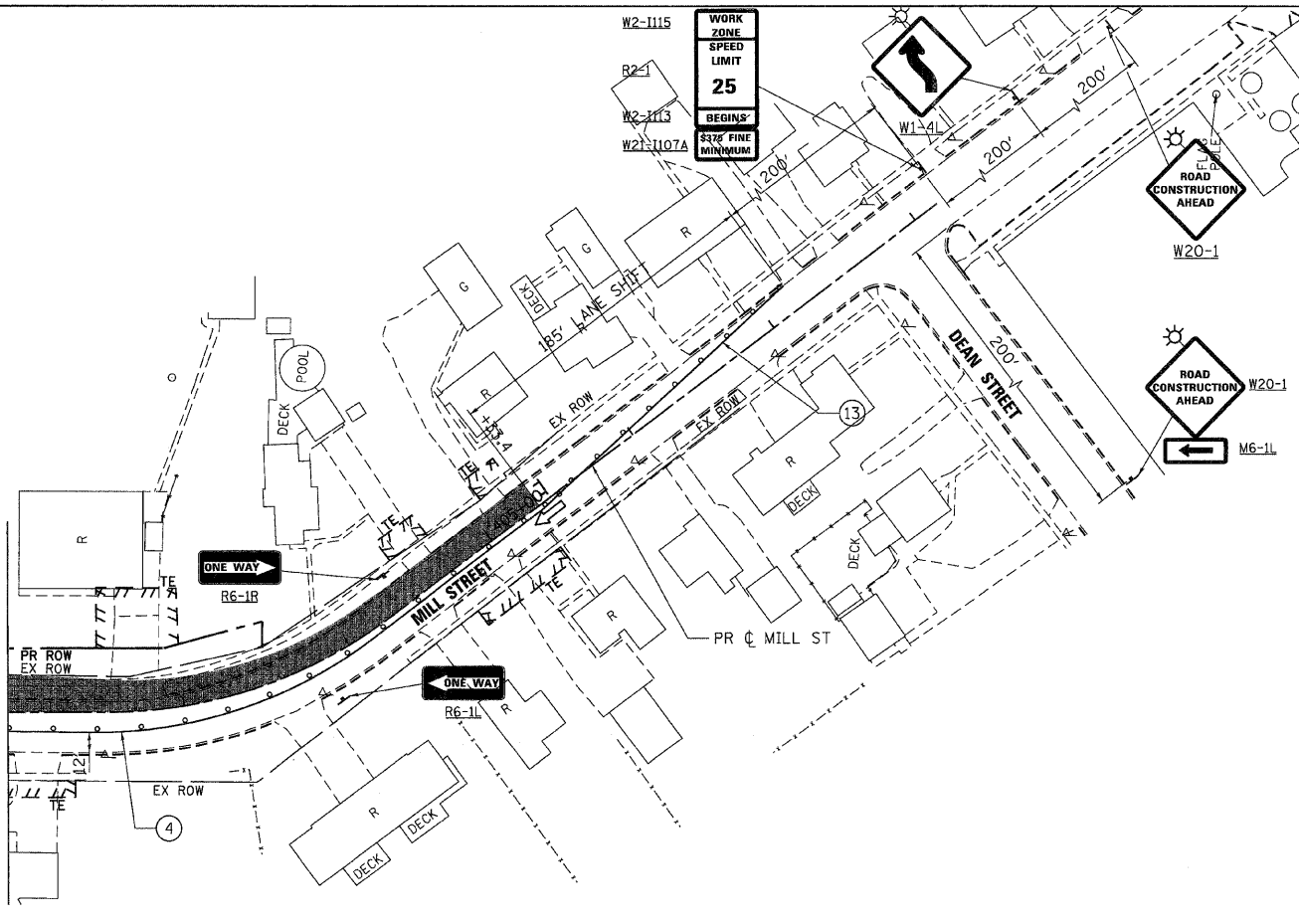
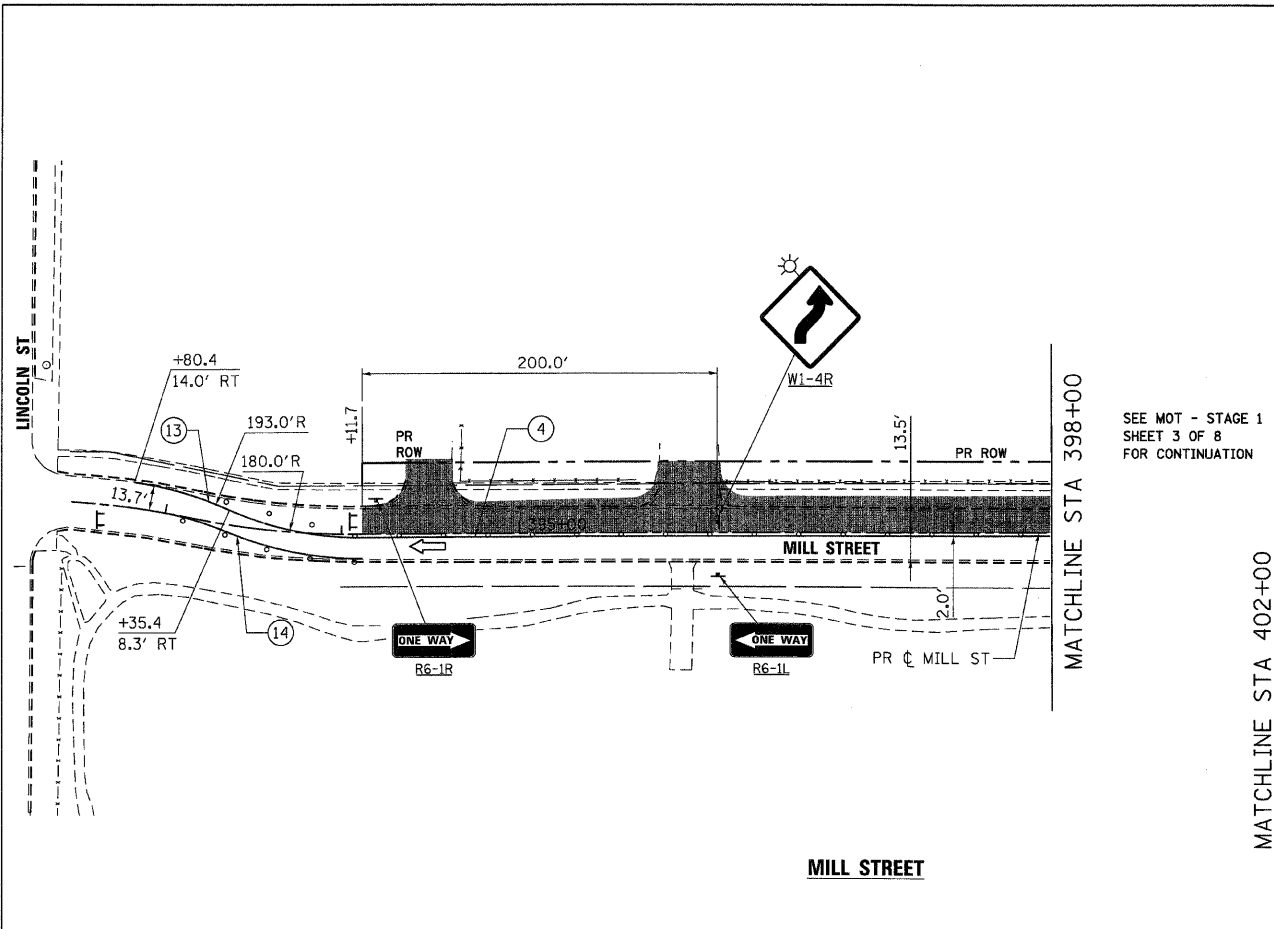
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 1
 SHEET 3 OF 8

SCALE: VERT. 1"=50'
 HORIZ. 1"=100'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Stanley Consultants Inc.
 850 West Higgins Road, Suite 730, Chicago, Illinois 6063-2801
 www.stanleyconsultants.com
 Illinois Firm Registration No. 04-00533
 (773) 633-9641

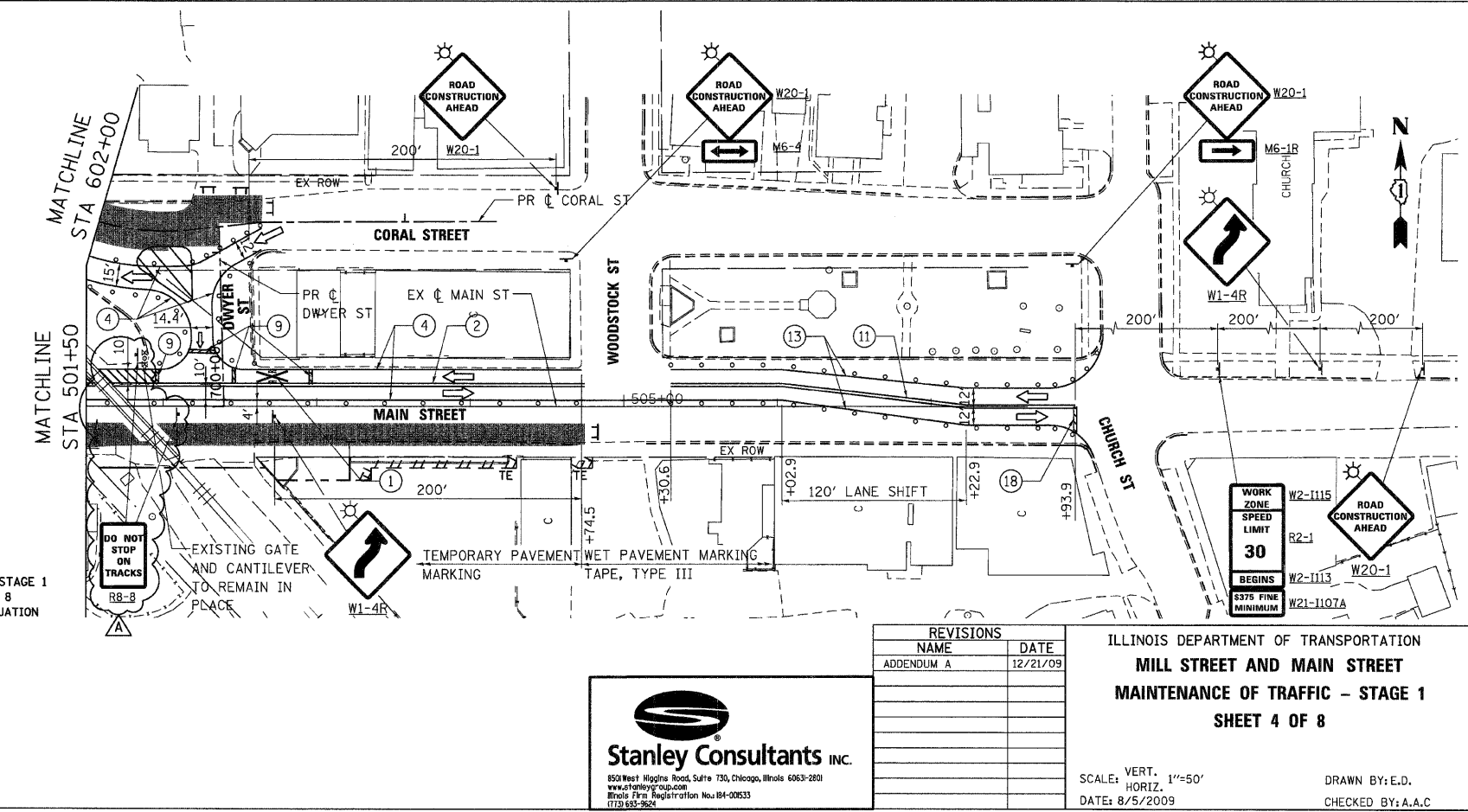
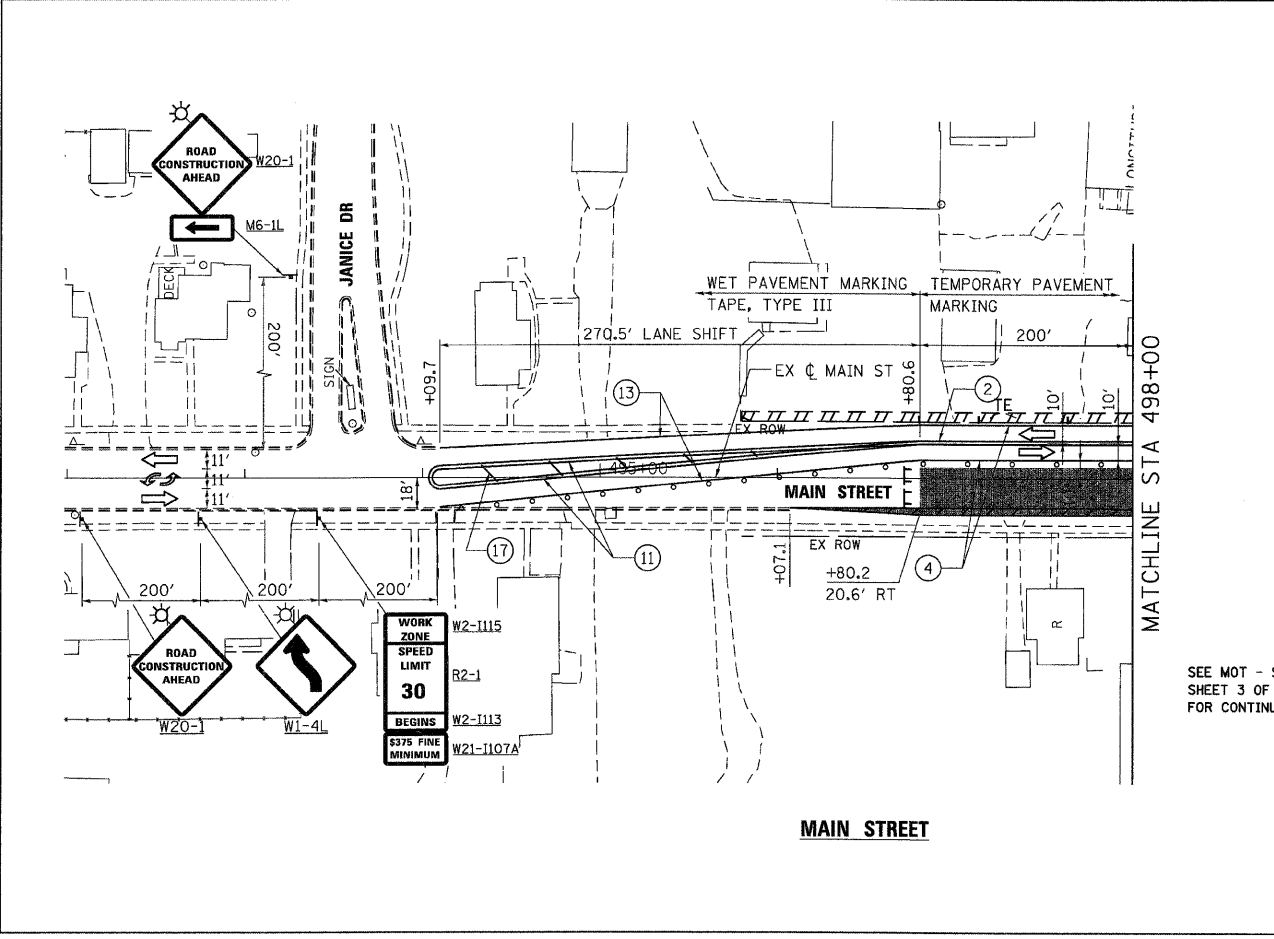
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 USER NAME = jbr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	71
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



SEE MOT - STAGE 1
SHEET 3 OF 8
FOR CONTINUATION

NOTES:
1. SEE MOT GENERAL NOTES, LEGEND AND DETAILS SHEET FOR SUGGESTED DETOUR PLAN FOR MILL STREET.



SEE MOT - STAGE 1
SHEET 3 OF 8
FOR CONTINUATION

PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\11-CADD\01-mt-1071-mt-1-st-1-ah164.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = 3819

Stanley Consultants Inc.
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 04-00533
(773) 633-9624

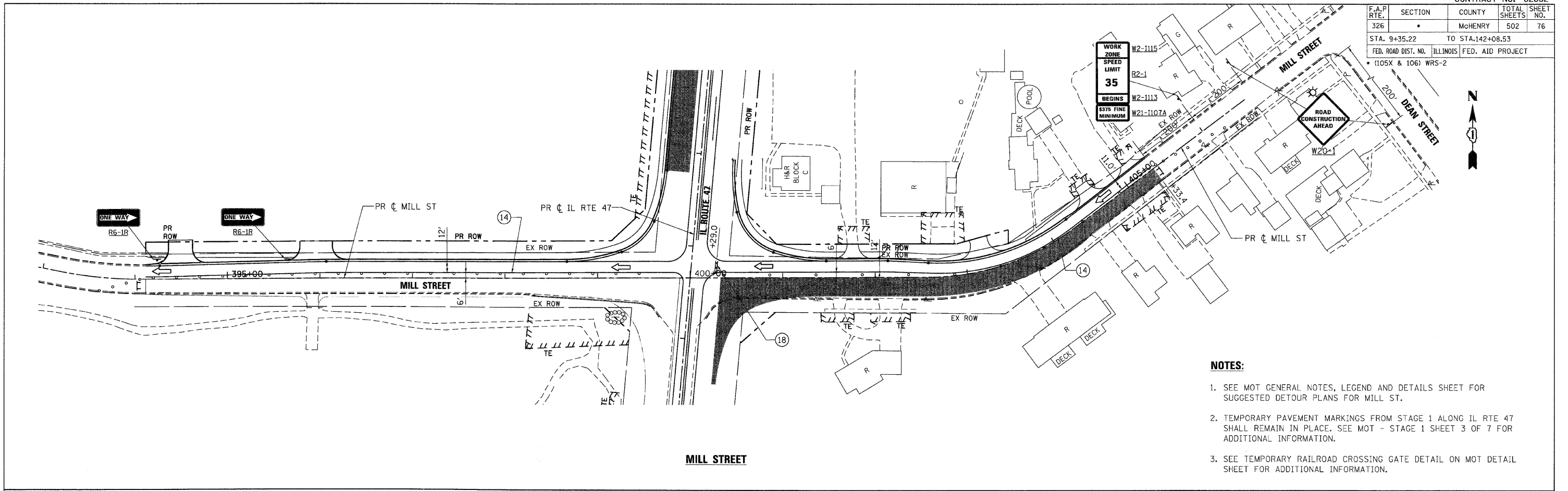
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
**MILL STREET AND MAIN STREET
MAINTENANCE OF TRAFFIC - STAGE 1**
SHEET 4 OF 8

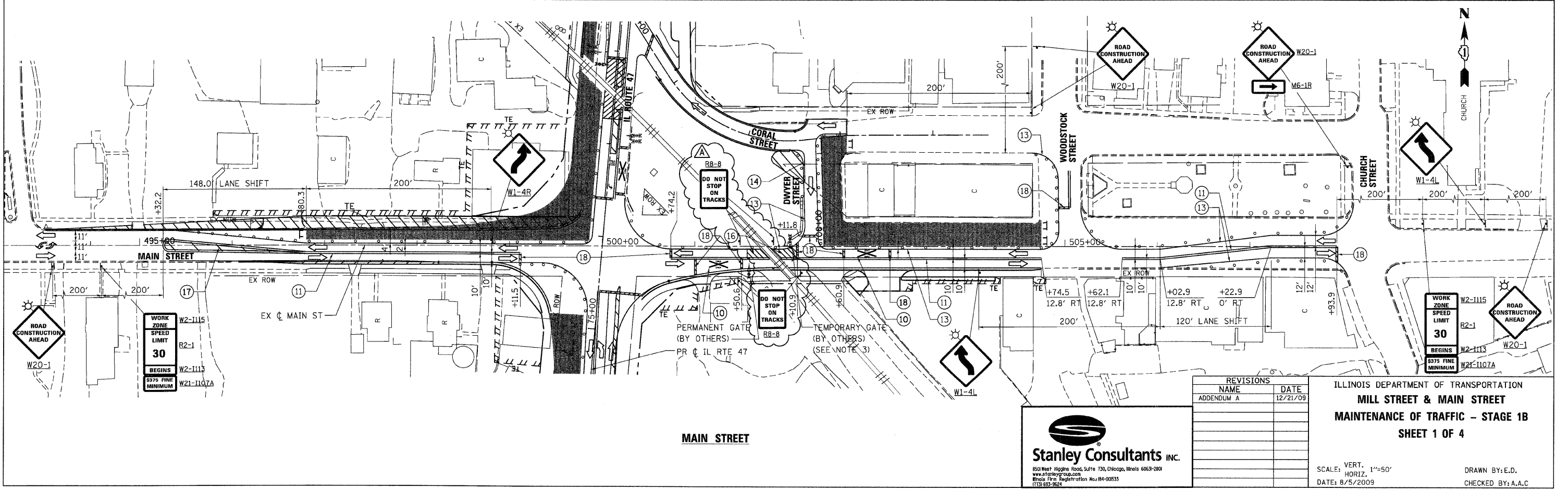
SCALE: VERT. 1"=50'
HORIZ. 1"=100'
DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	76
STA. 9+35.22		TO STA. 142+06.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



- NOTES:**
1. SEE MOT GENERAL NOTES, LEGEND AND DETAILS SHEET FOR SUGGESTED DETOUR PLANS FOR MILL ST.
 2. TEMPORARY PAVEMENT MARKINGS FROM STAGE 1 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 1 SHEET 3 OF 7 FOR ADDITIONAL INFORMATION.
 3. SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\91-91-1076.mxd\c:\stib.01.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3619

Stanley Consultants inc.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60639-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 657-8624

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

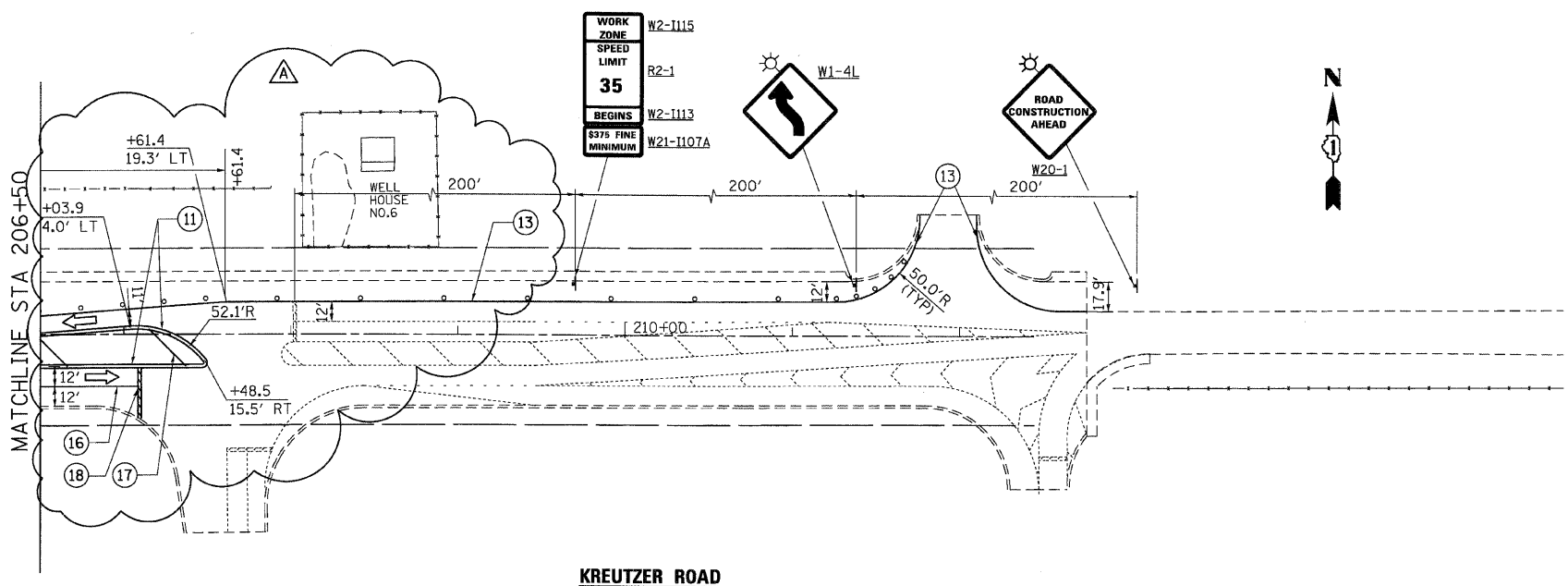
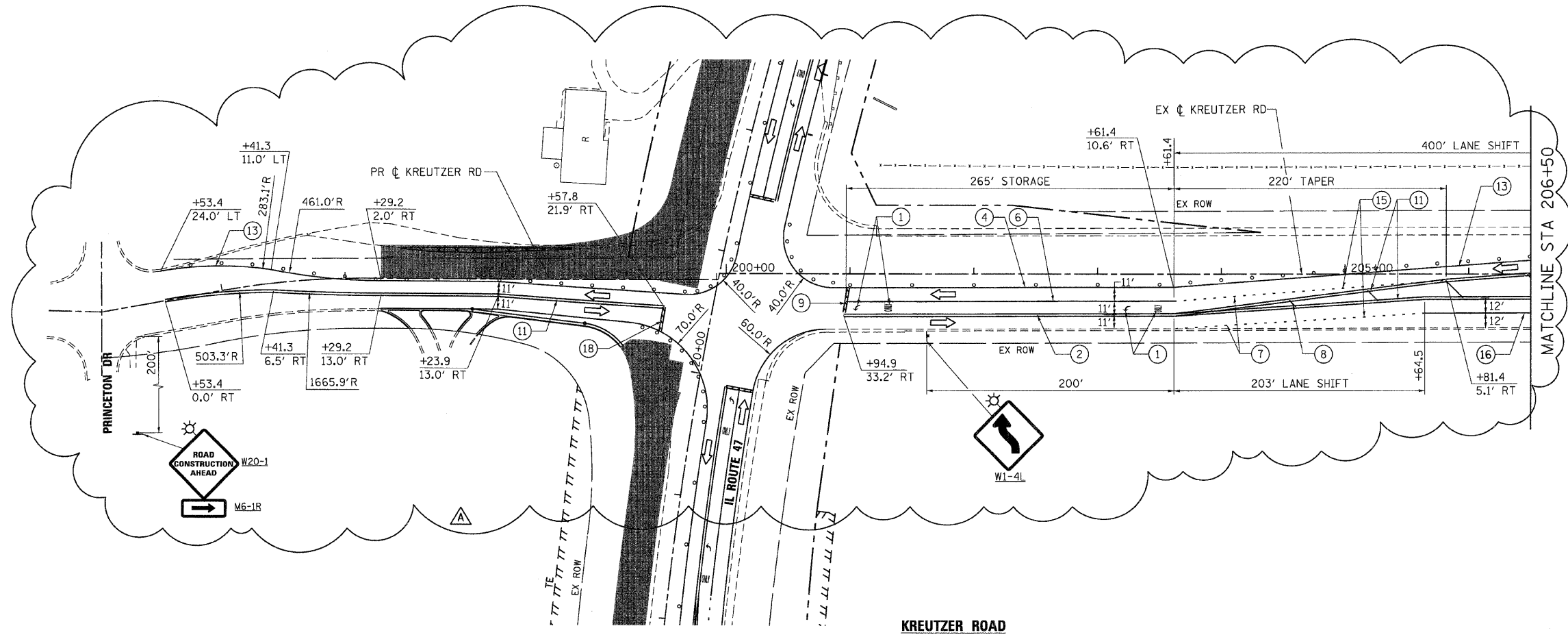
ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
 MAINTENANCE OF TRAFFIC - STAGE 1B
 SHEET 1 OF 4

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	77

STA. 9+35.22	TO STA. 142+08.53
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
• (105X & 106) WRS-2	



- NOTES:**
- PAVEMENT MARKING TAPE FROM STAGE 1 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 1 SHEET 1 OF 7 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

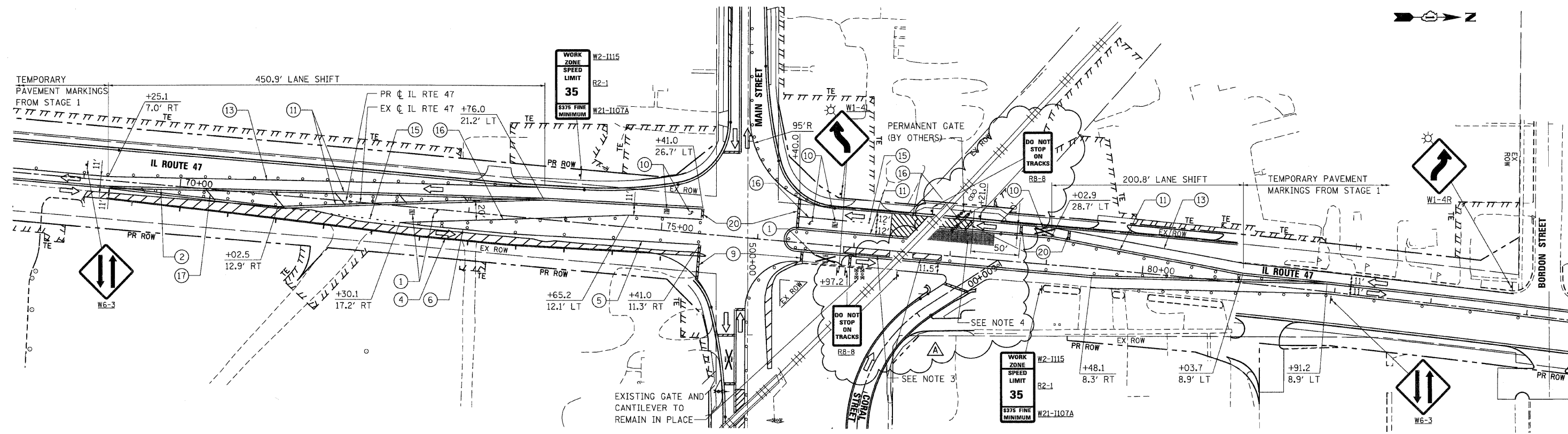
ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
MAINTENANCE OF TRAFFIC - STAGE 1B
SHEET 2 OF 4

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\08-ahs\077-mot.stb.02.dgn
 PLOT SCALE = 50%
 USER NAME = 3698

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	80
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- NOTES:**
- TEMPORARY PAVEMENT MARKING FROM STAGE 1 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 1 SHEET 3 OF 8 FOR ADDITIONAL INFORMATION.
 - PAVEMENT MARKING TAPE FROM STAGE 1B ALONG MAIN STREET SHALL REMAIN IN PLACE. SEE MOT STAGE 1B SHEET 1 OF 4 FOR ADDITIONAL INFORMATION.
 - LONGITUDINAL CHANNELIZERS TO REMAIN IN PLACE FROM STAGE 1.
 - PAVEMENT CONSTRUCTED DURING THIS STAGE SHALL BE HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

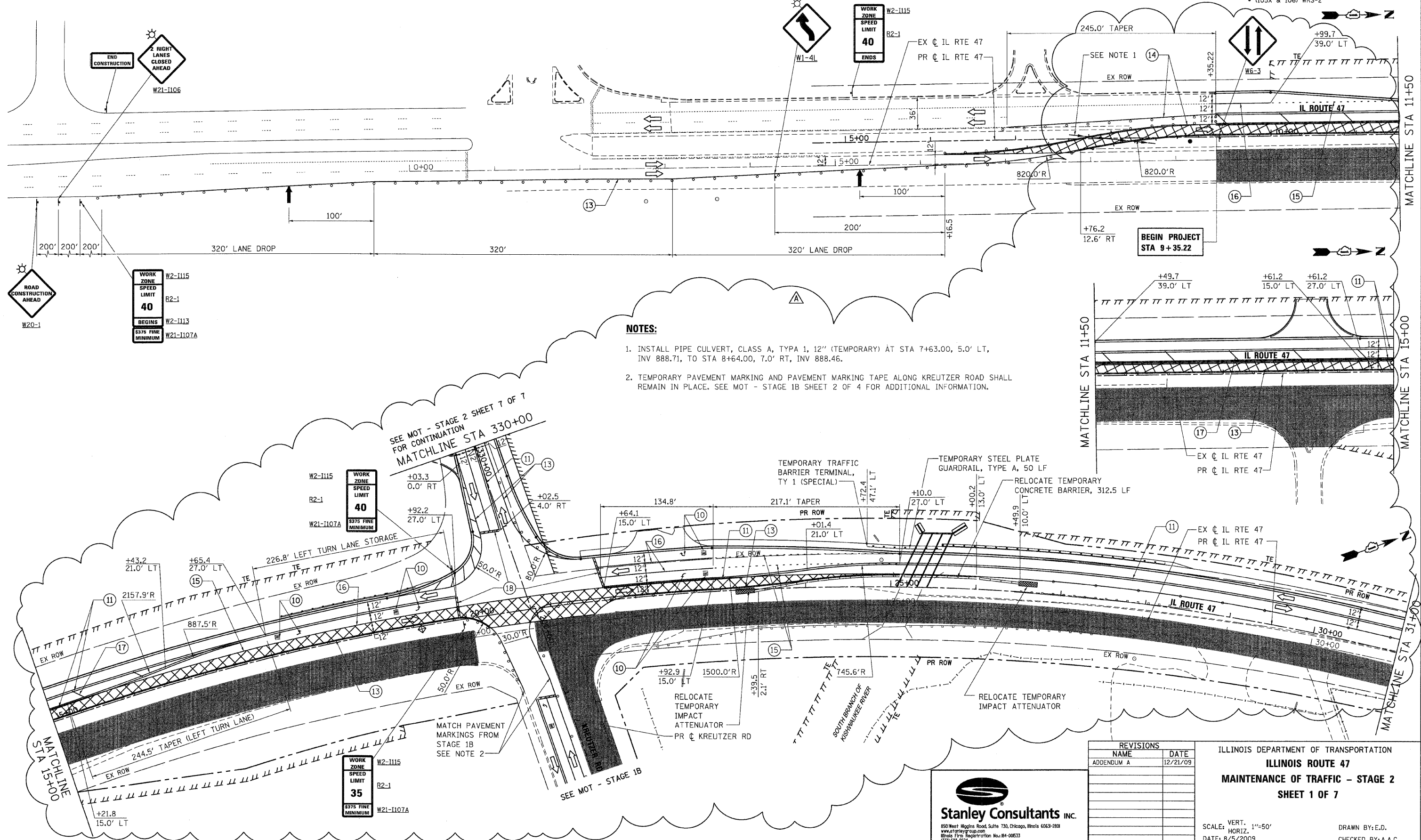
ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 47 AT MAIN STREET
MAINTENANCE OF TRAFFIC - STAGE 1C
SHEET 1 OF 1

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00633
 (773) 693-3624

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\N1-C000\01-ah\0628.mot.stc.01.dgn
 PLOT SCALE = 50%
 USER NAME = 3698

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	81
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:

1. INSTALL PIPE CULVERT, CLASS A, TYP A, 12" (TEMPORARY) AT STA 7+63.00, 5.0' LT, INV 888.71, TO STA 8+64.00, 7.0' RT, INV 888.46.
2. TEMPORARY PAVEMENT MARKING AND PAVEMENT MARKING TAPE ALONG KREUTZER ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 1B SHEET 2 OF 4 FOR ADDITIONAL INFORMATION.

SEE MOT - STAGE 2 SHEET 7 OF 7 FOR CONTINUATION MATCHLINE STA 330+00

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

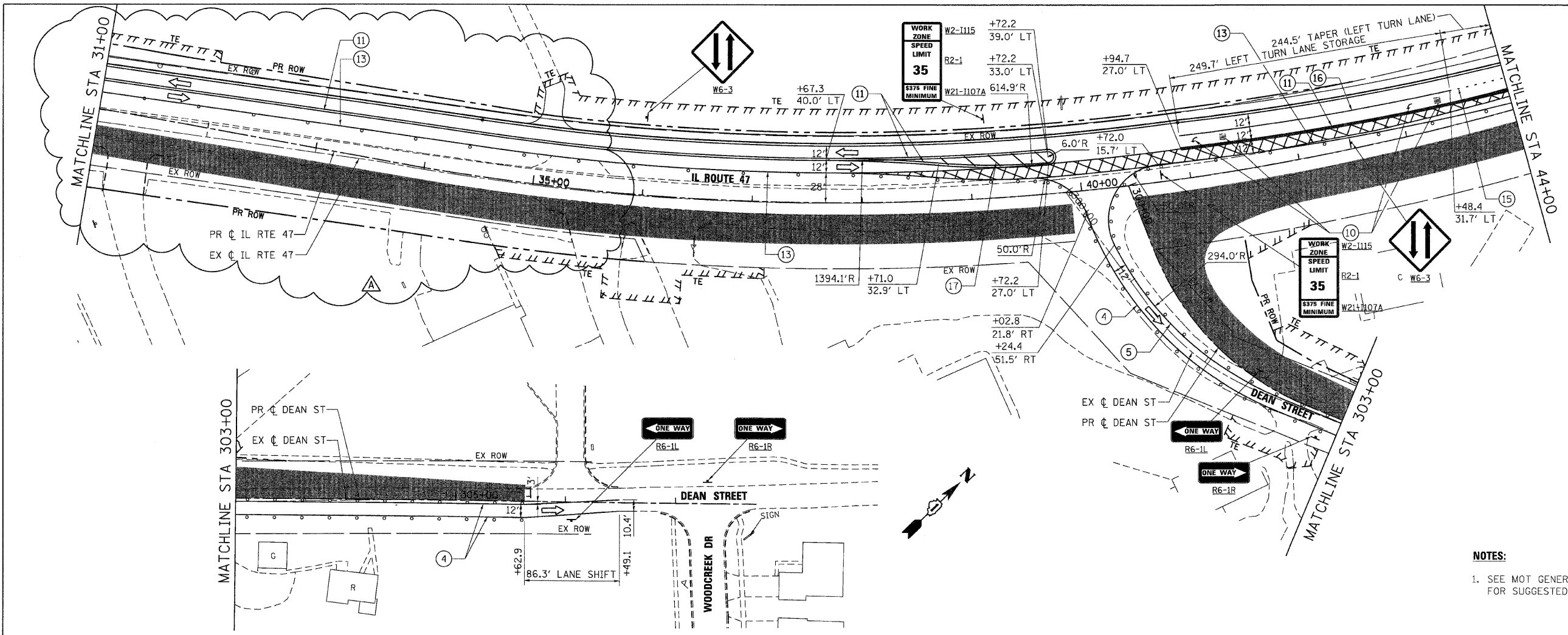
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 1 OF 7

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60639-2801
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 Illinois Firm Registration No. 04-006533
 (773) 693-2624

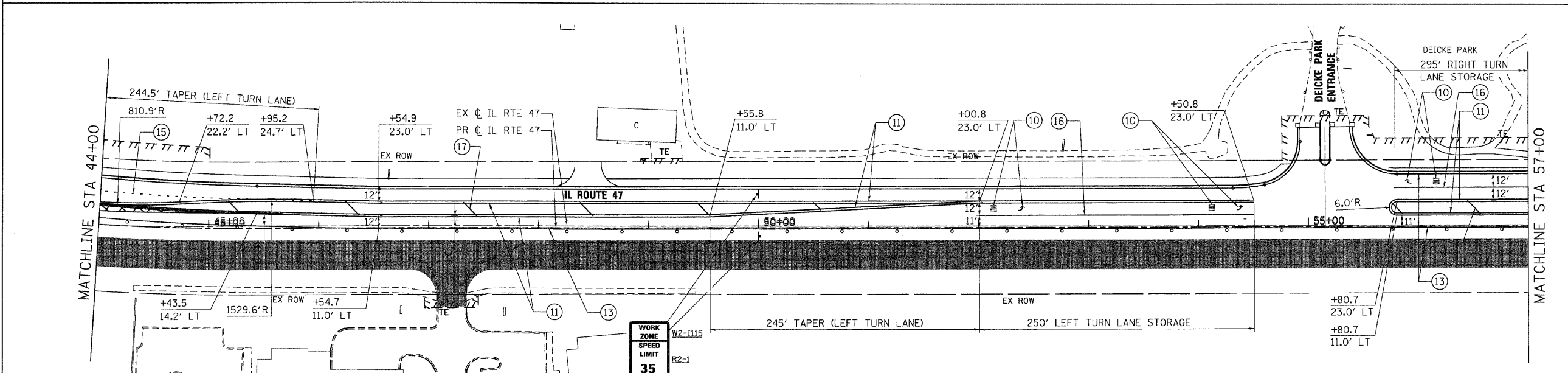
SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\N1-CADD\01-ahs\881_moc_s2_ahs1.dgn
 PLOT SCALE = 50%
 USER NAME = 36%

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	82
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:
 1. SEE MOT GENERAL NOTES, LEGEND AND DETAILS SHEET FOR SUGGESTED DETOUR PLAN FOR DEAN STREET.



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

Stanley Consultants INC.
 650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-000533
 (773) 631-2624

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 2
SHEET 2 OF 7

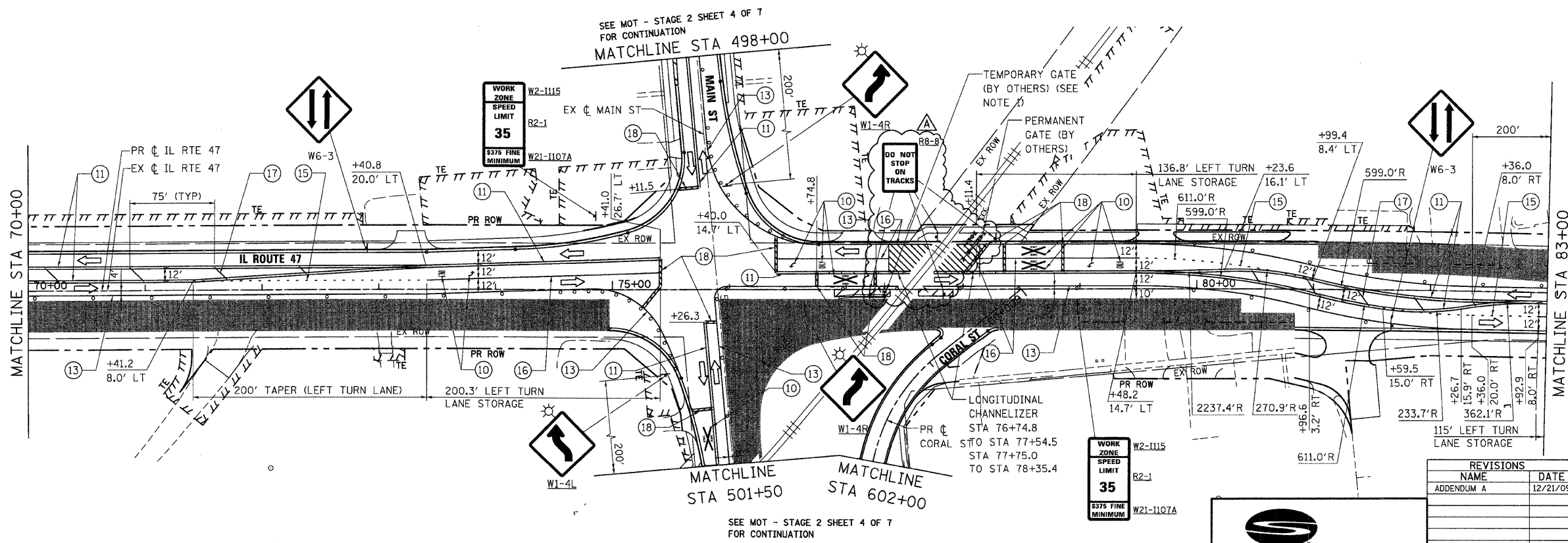
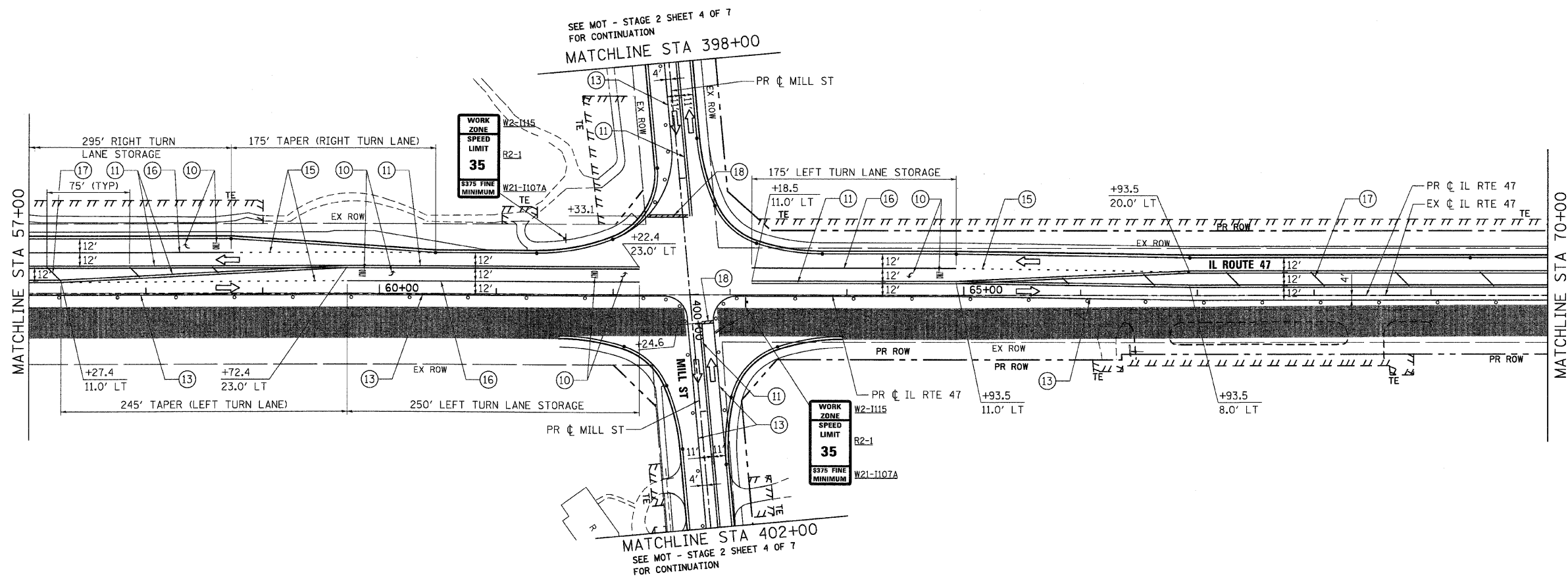
SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-mh\682_mst_s2_ah82.dgn
 PLOT SCALE = 50:1
 USER NAME = 36'98

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	83

STA. 9+35.22 TO STA.142+08.53
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * (105X & 106) WRS-2



NOTES:
 1. SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

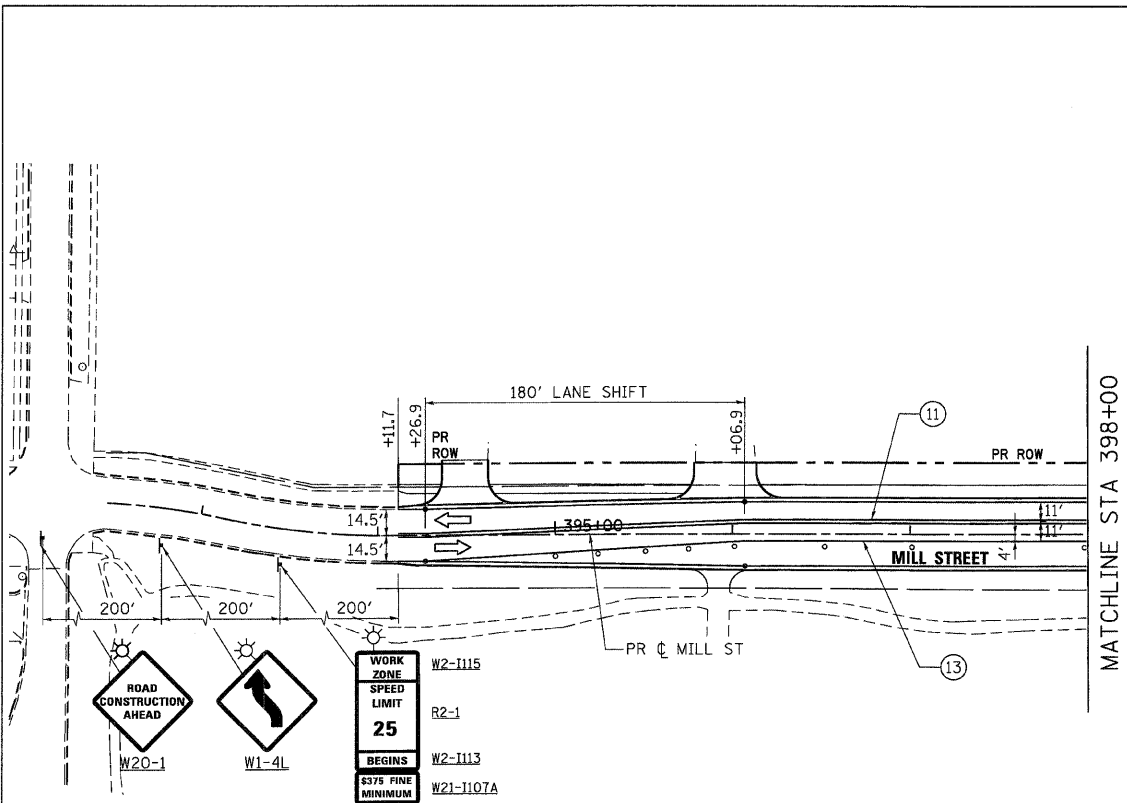
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 3 OF 7

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-MIT\083_mot_s2_ah183.dgn
 PLOT SCALE = 50%
 USER NAME = JCB

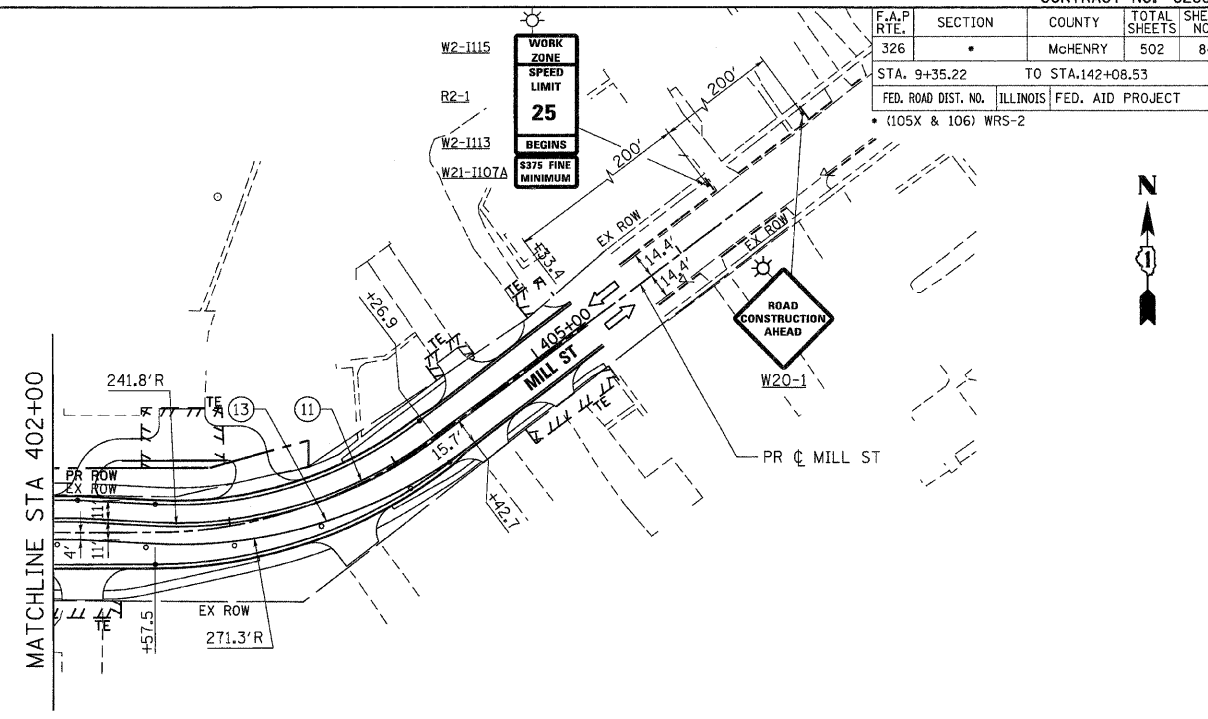
CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	84
STA. 9+35.22 TO STA.142+08.53				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (105X & 106) WRS-2				



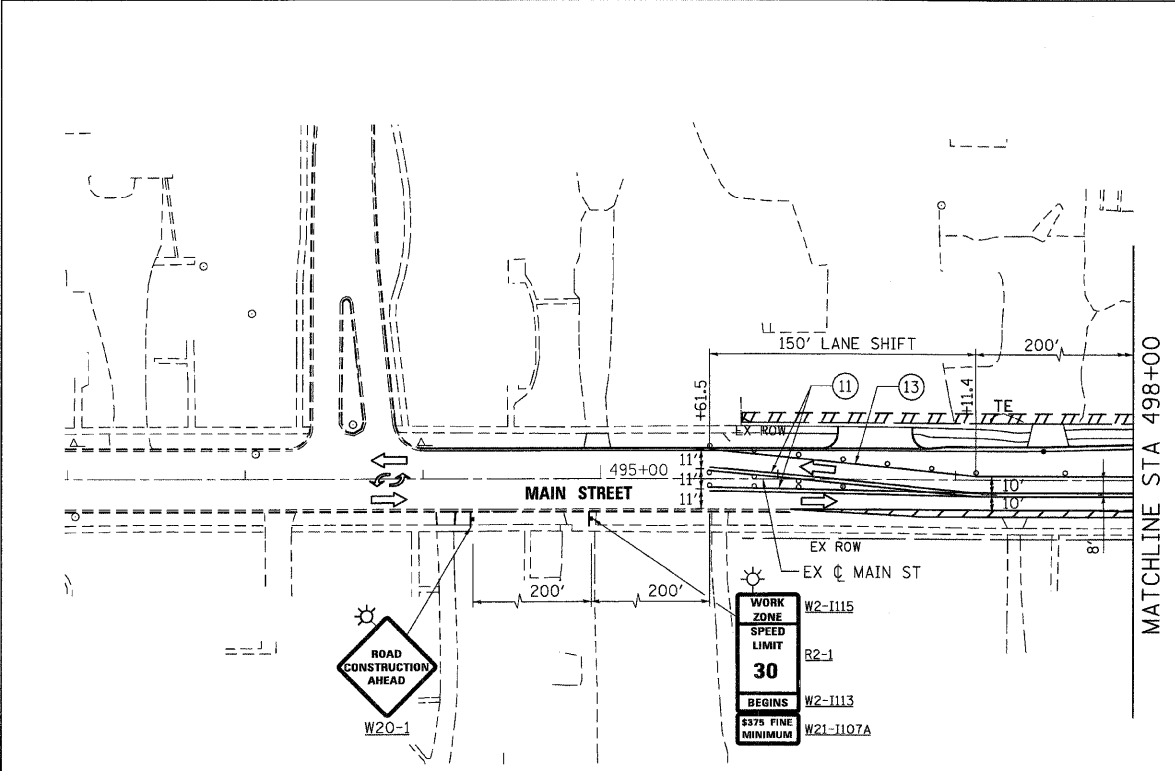
SEE MOT - STAGE 3 SHEET 3 OF 7 FOR CONTINUATION

MILL STREET



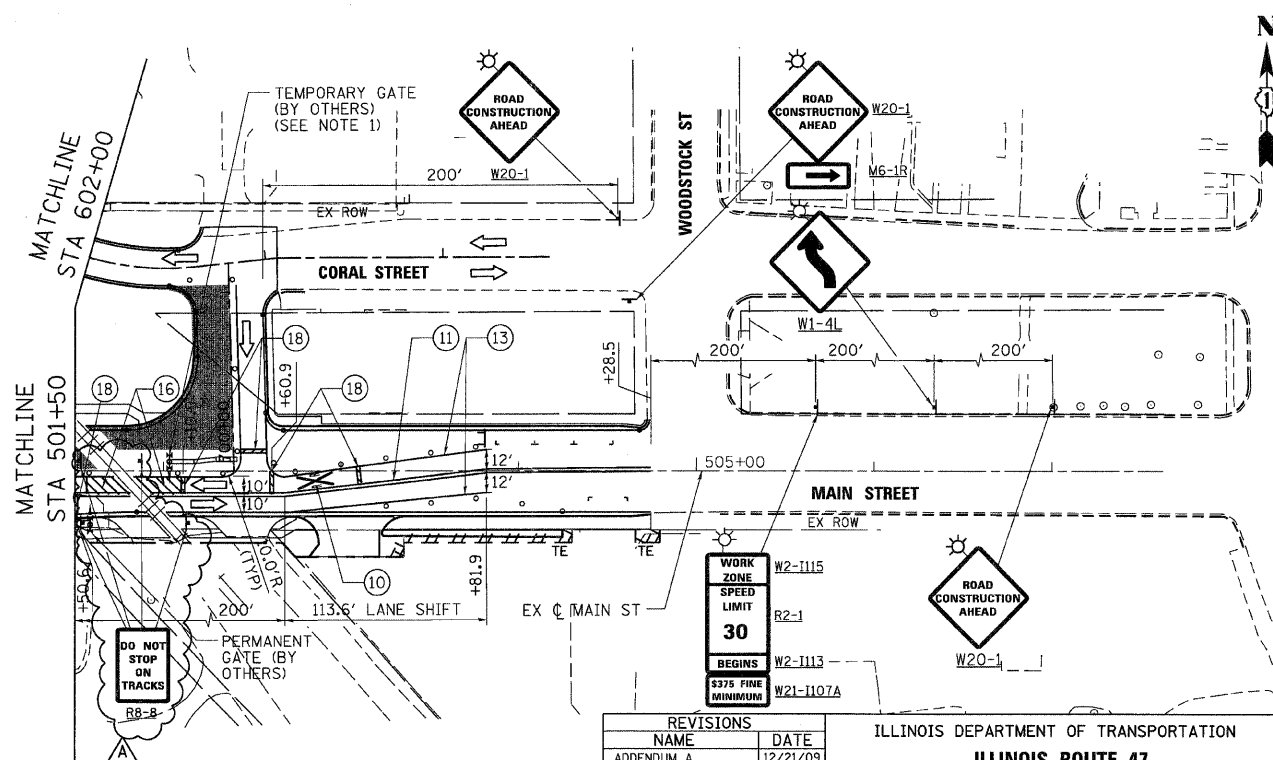
NOTES:

1. SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.



SEE MOT - STAGE 3 SHEET 3 OF 7 FOR CONTINUATION

MAIN STREET



REVISIONS	NAME	DATE
	ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 47

MAINTENANCE OF TRAFFIC - STAGE 2

SHEET 4 OF 7

SCALE: VERT. 1"=50'
HORIZ. 1"=50'

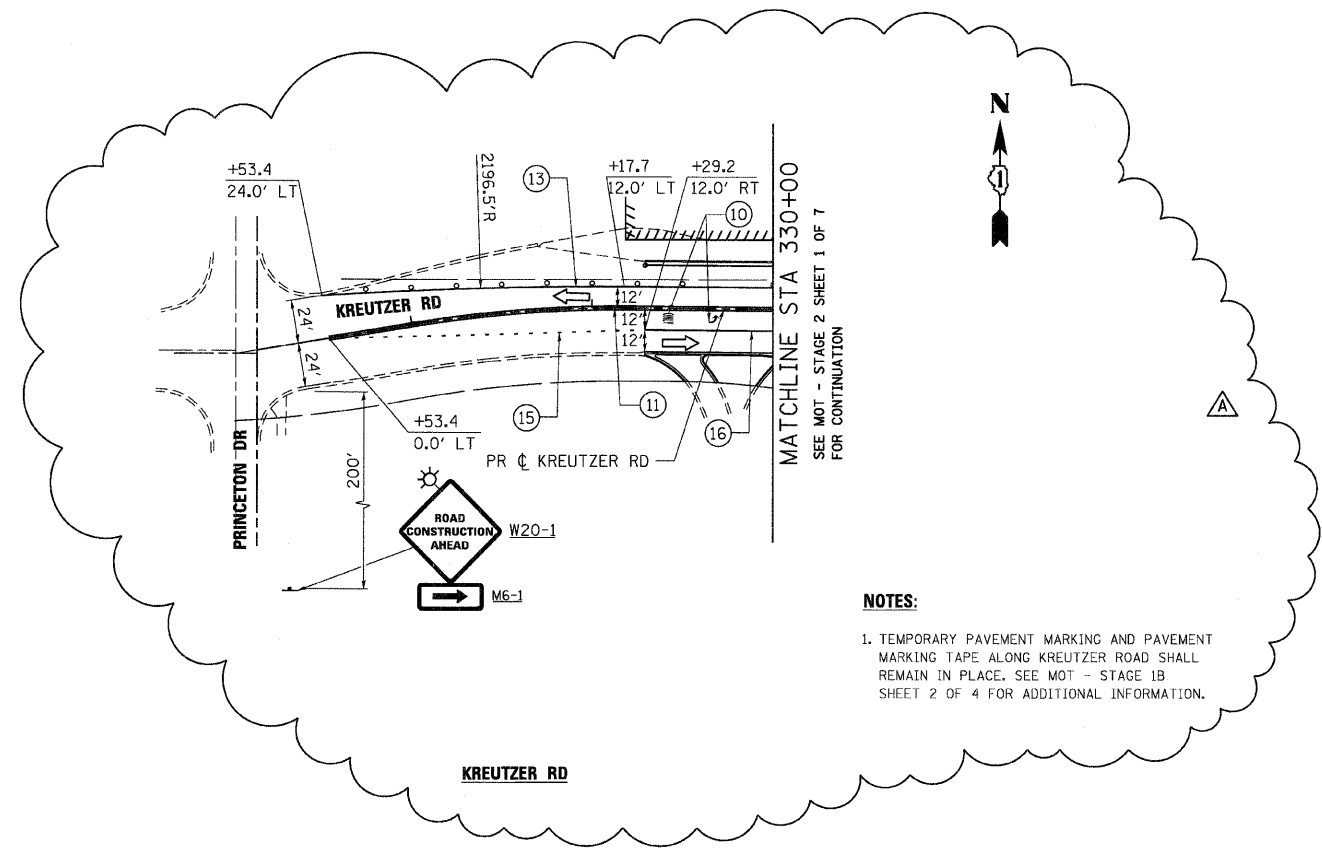
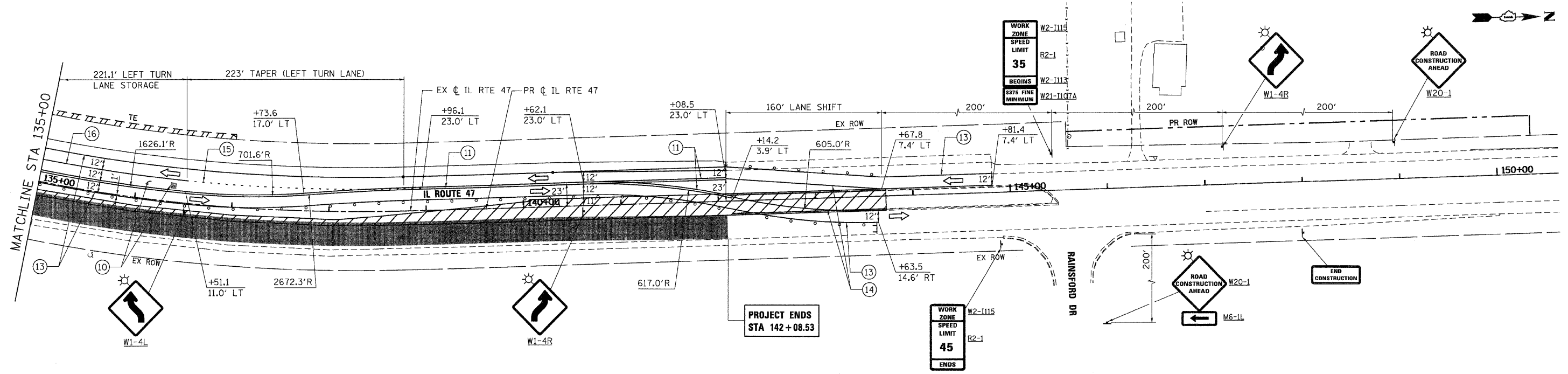
DATE: 8/5/2009

DRAWN BY: E.O.
CHECKED BY: A.A.C.

Stanley Consultants Inc.

850 West Higgins Road, Suite 730, Chicago, Illinois 60698-2800
www.stanleyconsultants.com
Illinois Firm Registration No. 04-00553
(773) 652-8624

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	87
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:
 1. TEMPORARY PAVEMENT MARKING AND PAVEMENT MARKING TAPE ALONG KREUTZER ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 1B SHEET 2 OF 4 FOR ADDITIONAL INFORMATION.

PLOT DATE = Thursday, December 17, 2009
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 PLOT SCALE = 5/8"=1'
 USER NAME = 3659



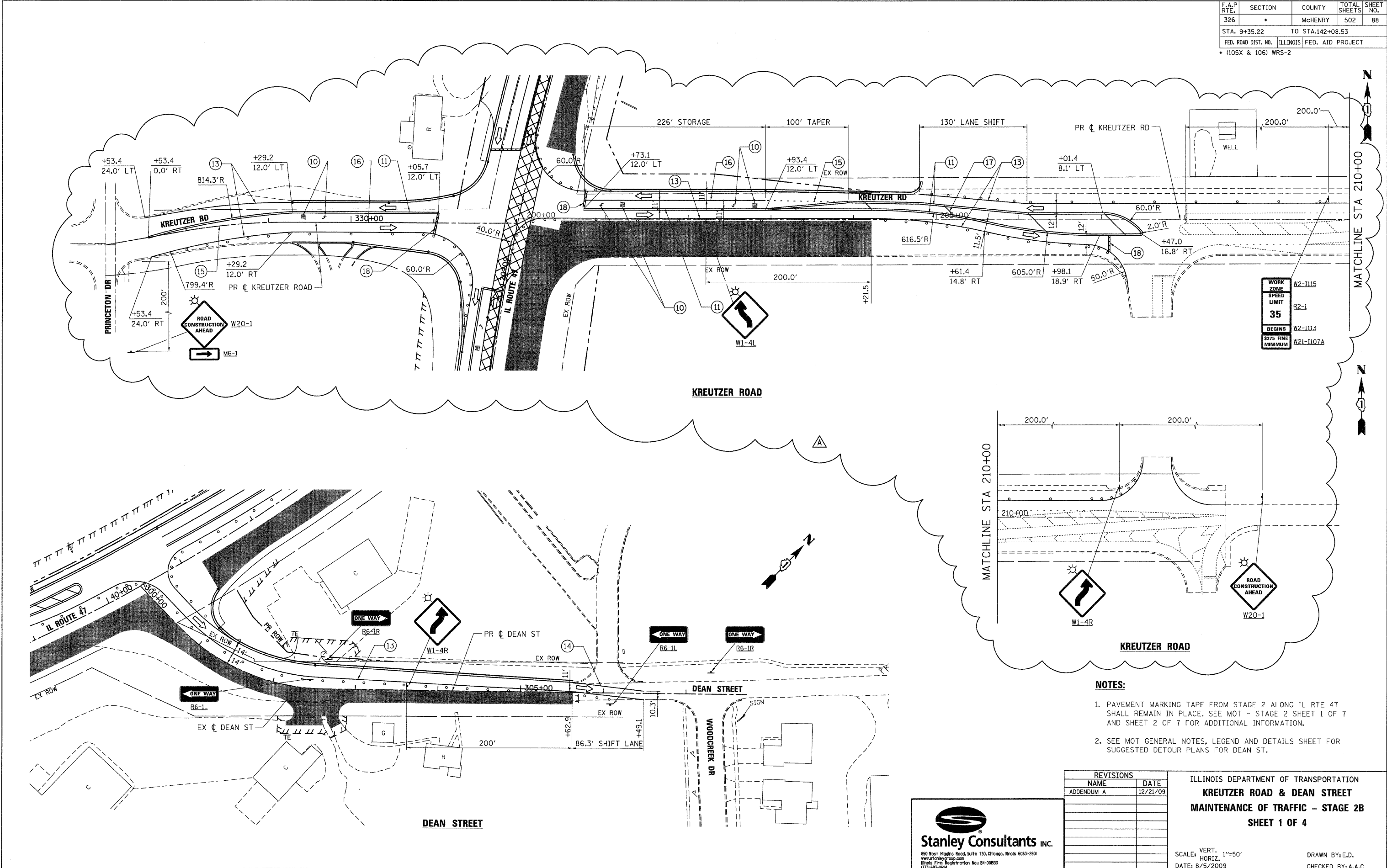
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS ROUTE 47 AND KREUTZER RD
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 7 OF 7**

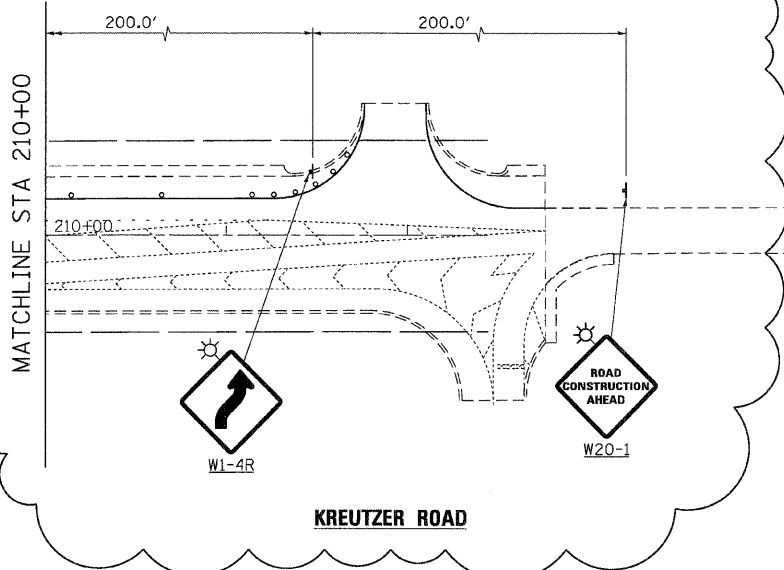
SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	88
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



WORK ZONE	W2-1115
SPEED LIMIT	R2-1
BEGINS	W2-1113
3375 FINE MINIMUM	W2-1107A



- NOTES:**
1. PAVEMENT MARKING TAPE FROM STAGE 2 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 2 SHEET 1 OF 7 AND SHEET 2 OF 7 FOR ADDITIONAL INFORMATION.
 2. SEE MOT GENERAL NOTES, LEGEND AND DETAILS SHEET FOR SUGGESTED DETOUR PLANS FOR DEAN ST.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

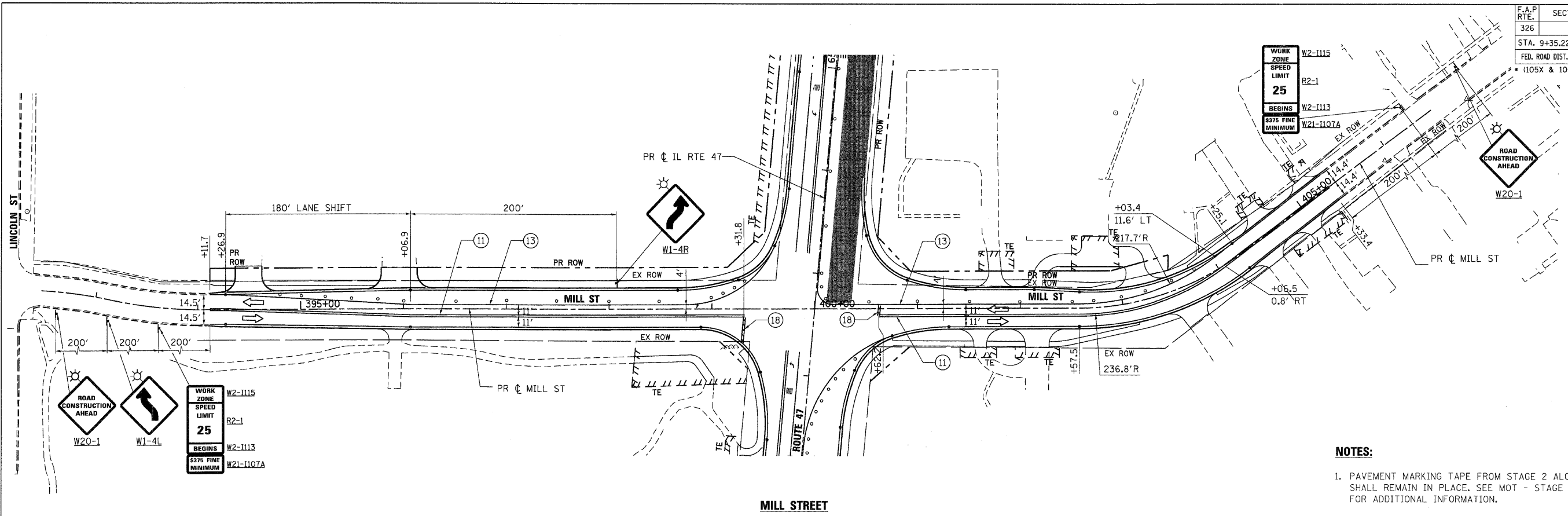
ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD & DEAN STREET
 MAINTENANCE OF TRAFFIC - STAGE 2B
 SHEET 1 OF 4

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleyconsultants.com
 Illinois Firm Registration No. 04-00633
 (773) 631-2624

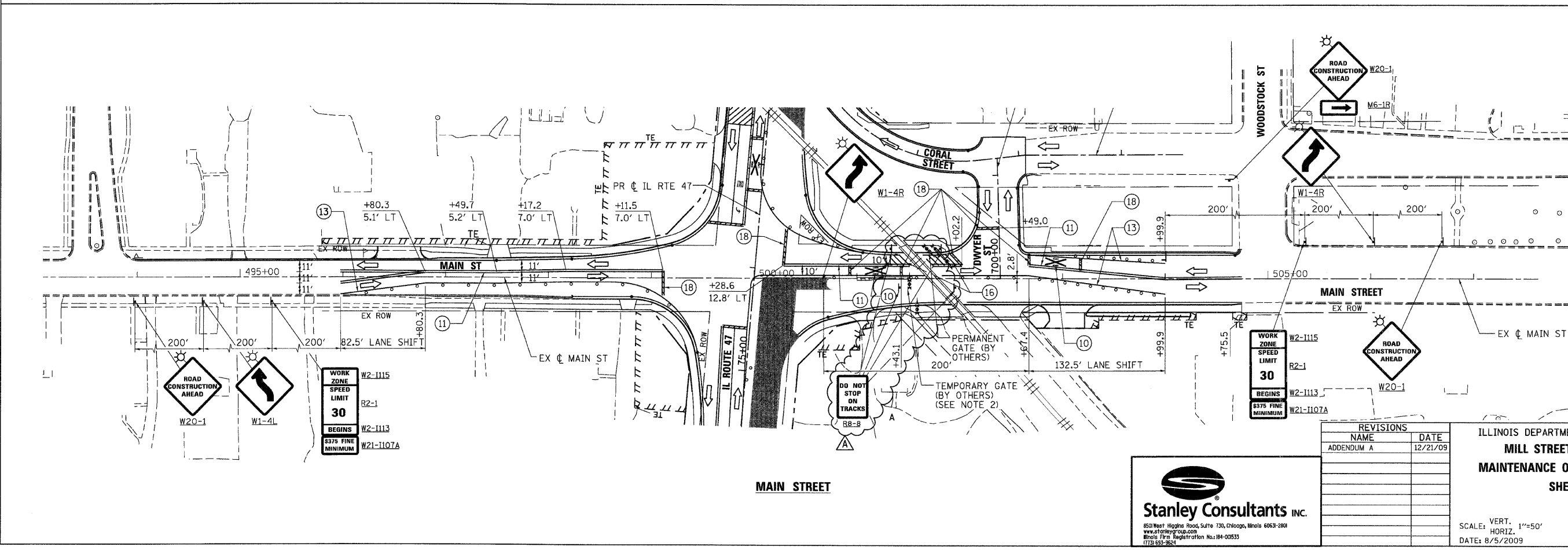
SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-hrt\9889.mct.a2b.dwg
 PLOT SCALE = 5/8"=1'
 USER NAME = 3579

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	89
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(105X & 106) WRS-2				



- NOTES:**
- PAVEMENT MARKING TAPE FROM STAGE 2 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 2 SHEET 3 OF 7 FOR ADDITIONAL INFORMATION.
 - SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

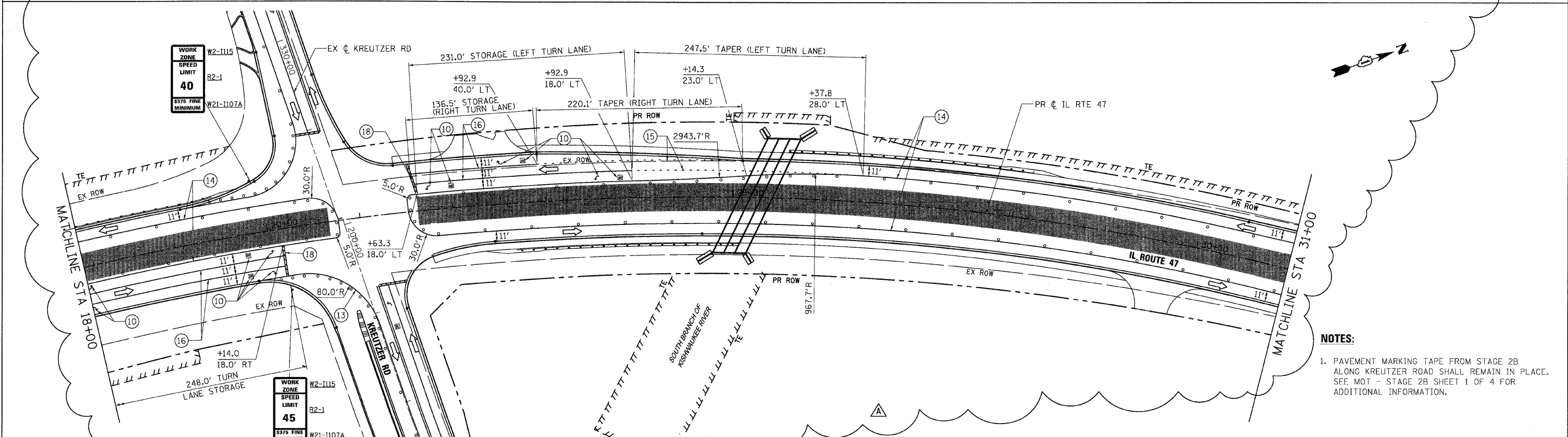
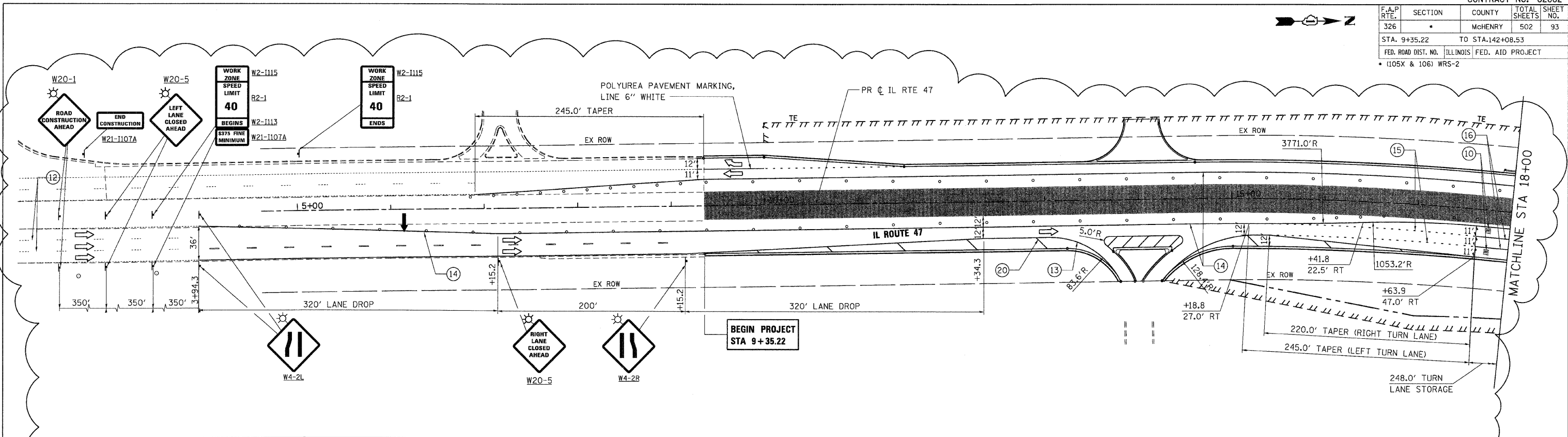
ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
 MAINTENANCE OF TRAFFIC - STAGE 2B
 SHEET 2 OF 4

SCALE: VERT. 1"=50'
 HORIZ. 1"=100'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-11\11-11\11-11.mxd
 PLOT SCALE = 50%
 USER NAME = 5841

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	93
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- NOTES:**
- PAVEMENT MARKING TAPE FROM STAGE 2B ALONG KREUTZER ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 2B SHEET 1 OF 4 FOR ADDITIONAL INFORMATION.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-mha\993_mca.s3.dwg
 PLOT SCALE = 5/8"=1'
 USER NAME = 3698



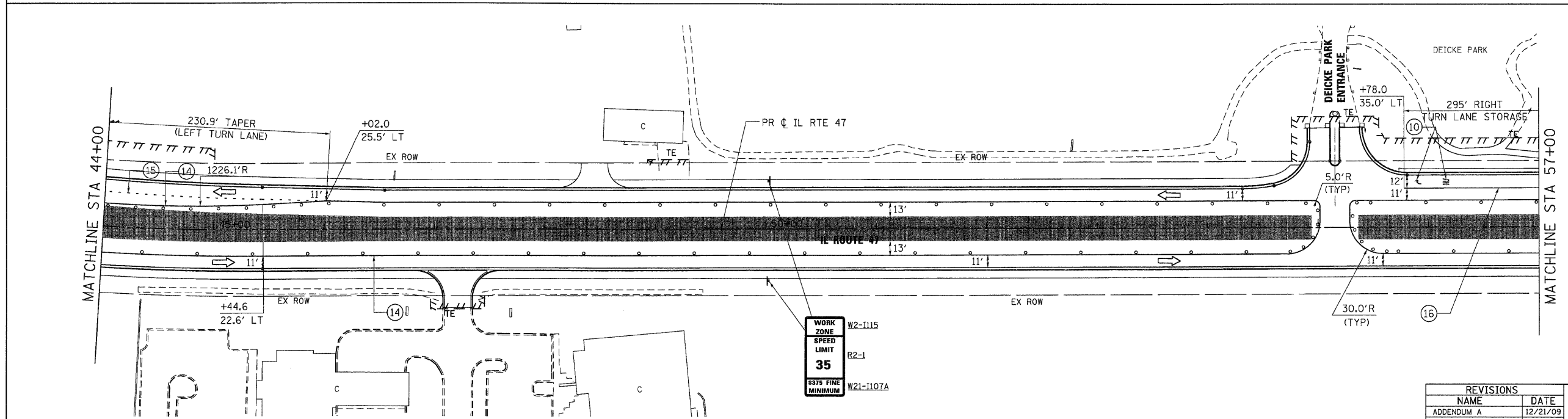
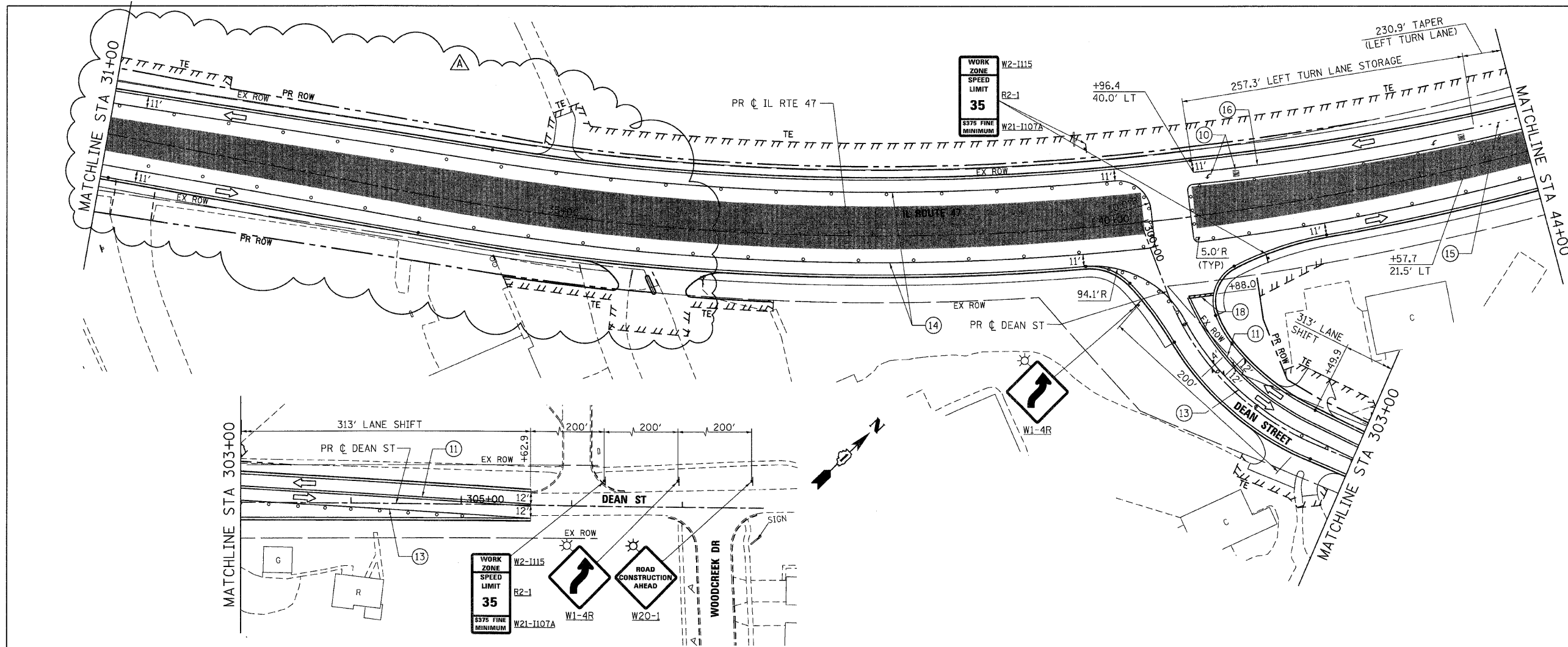
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3
SHEET 1 OF 6

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	94
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-11-09\11-11-09\11-11-09.dgn
 PLOT SCALE = E661
 USER NAME = 3619

WORK ZONE SPEED LIMIT 35
 5375 FINE MINIMUM
 W2-1115
 R2-1
 W21-1107A



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

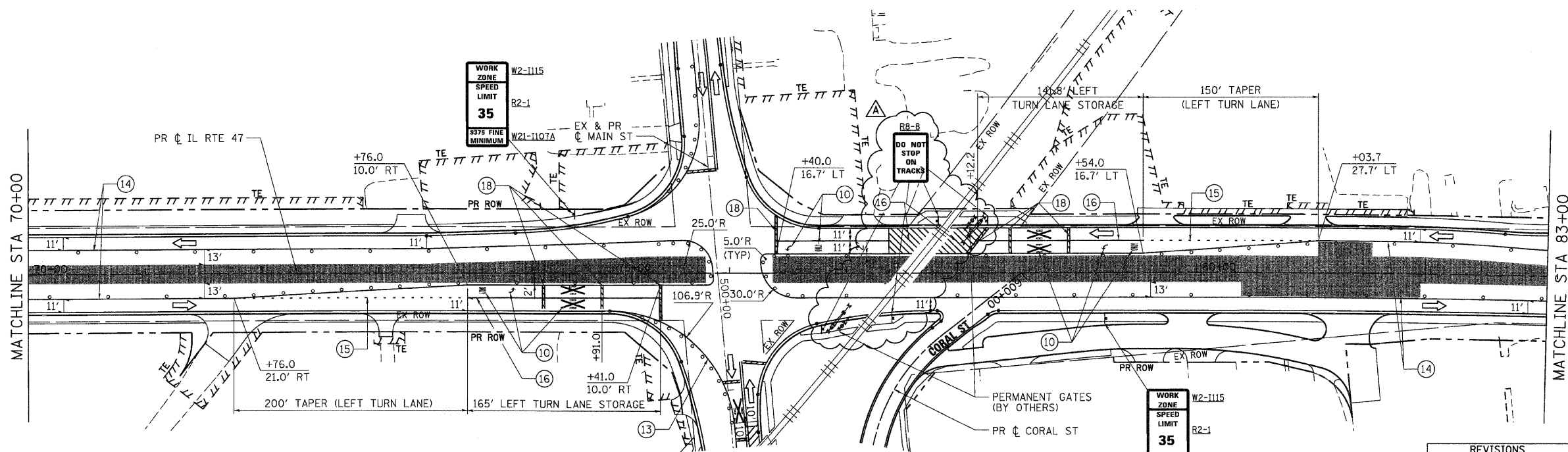
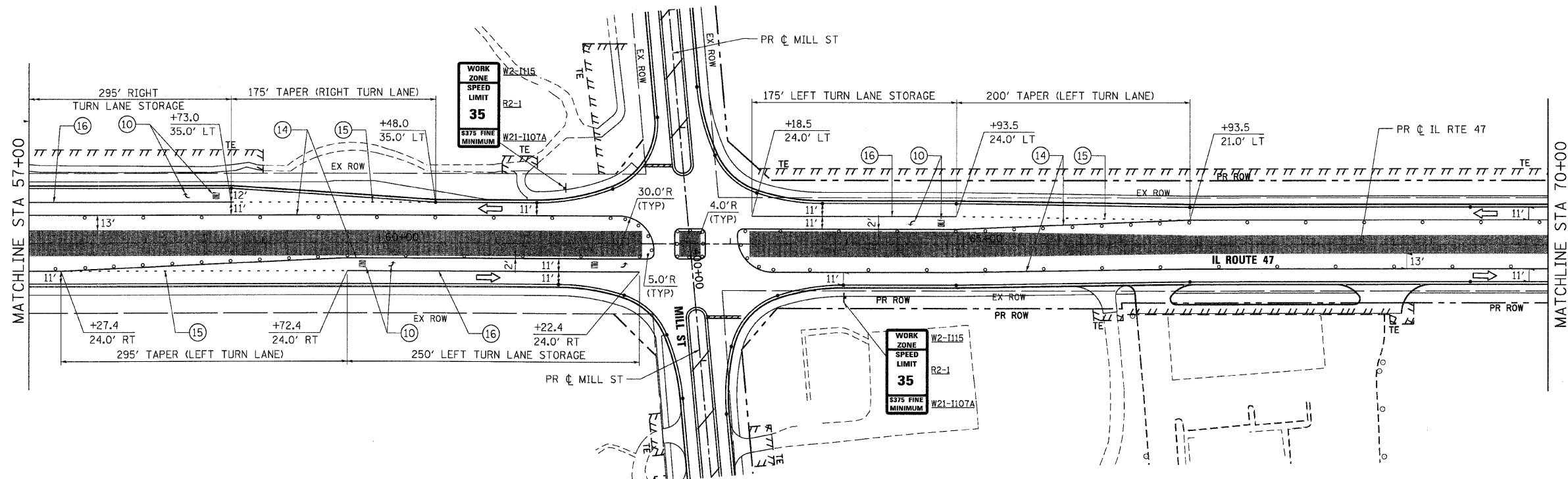
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3
SHEET 2 OF 6

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'

DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	95
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- NOTES:**
- PAVEMENT MARKING TAPE FROM STAGE 2C ALONG MILL STREET SHALL REMAIN IN PLACE. SEE MOT - STAGE 2C SHEET 1 OF 1 FOR ADDITIONAL INFORMATION.
 - PAVEMENT MARKING TAPE FROM STAGE 2B ALONG MAIN STREET SHALL REMAIN IN PLACE. SEE MOT - STAGE 2B SHEET 2 OF 4 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

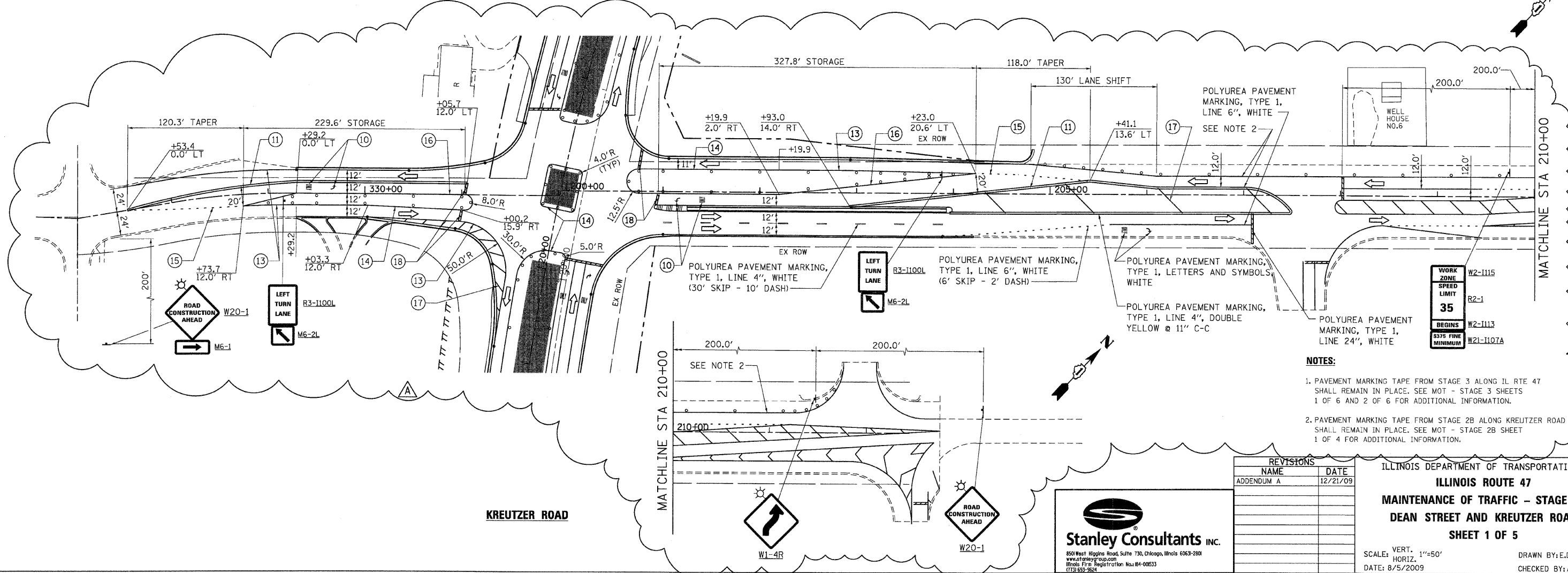
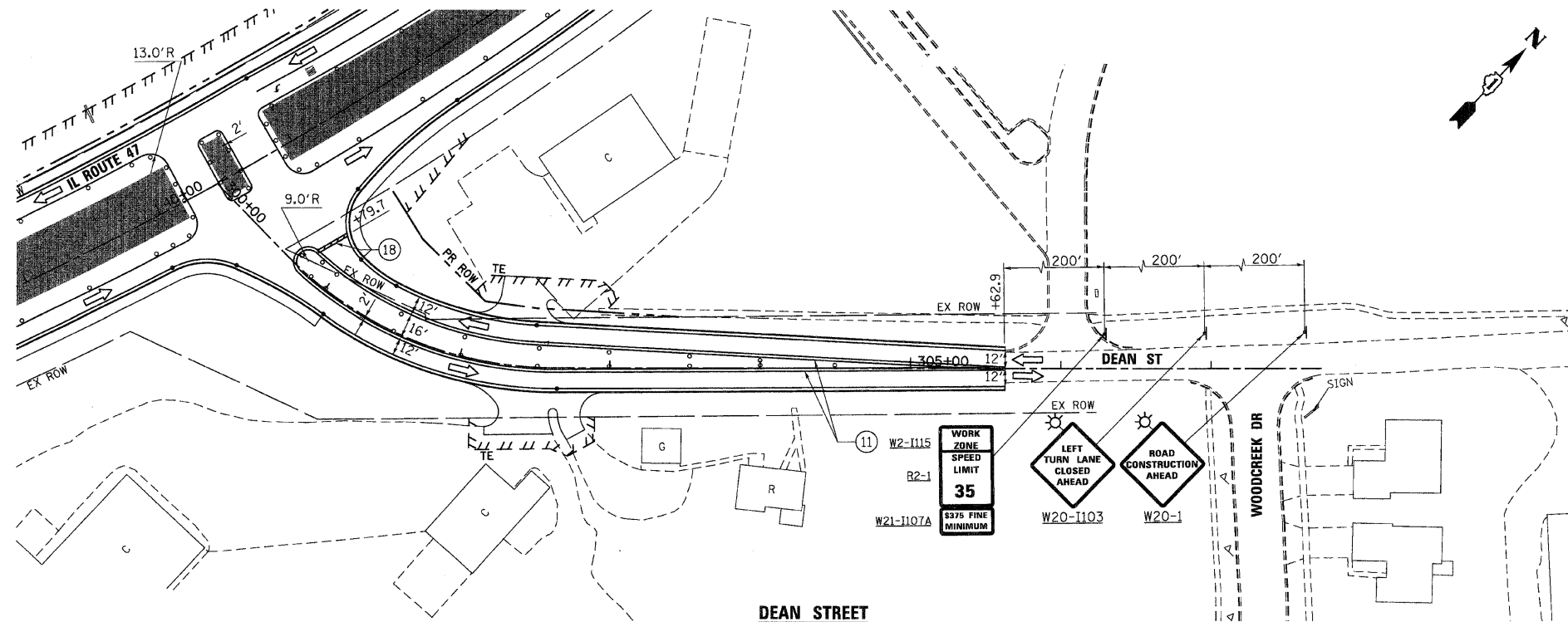
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3
SHEET 3 OF 6

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Stanley Consultants Inc.
 650 West Higgins Road, Suite 130, Chicago, Illinois 60638-2801
 www.stanleyconsultants.com
 Illinois Fire Registration No. 84-00533
 1723 ESW-2624

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\181-sh\A\WRS_mot_s3.dgn
 PLOT SCALE = 50:1
 USER NAME = 3698

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	99
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- NOTES:**
1. PAVEMENT MARKING TAPE FROM STAGE 3 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 3 SHEETS 1 OF 6 AND 2 OF 6 FOR ADDITIONAL INFORMATION.
 2. PAVEMENT MARKING TAPE FROM STAGE 2B ALONG KREUTZER ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 2B SHEET 1 OF 4 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2001
 www.stanleyconsultants.com
 Illinois First Registration No. 04-00633
 (773) 592-2824

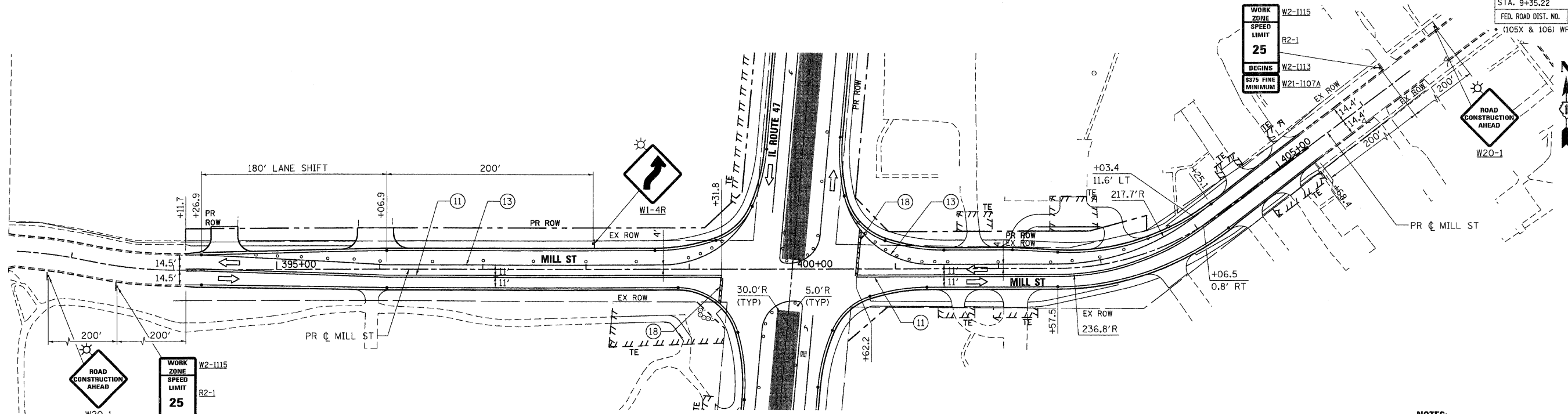
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3B
DEAN STREET AND KREUTZER ROAD
SHEET 1 OF 5

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-INT\11-INT\11-INT.mxd
 PLOT SCALE = 5/8"=1'
 USER NAME = 3619

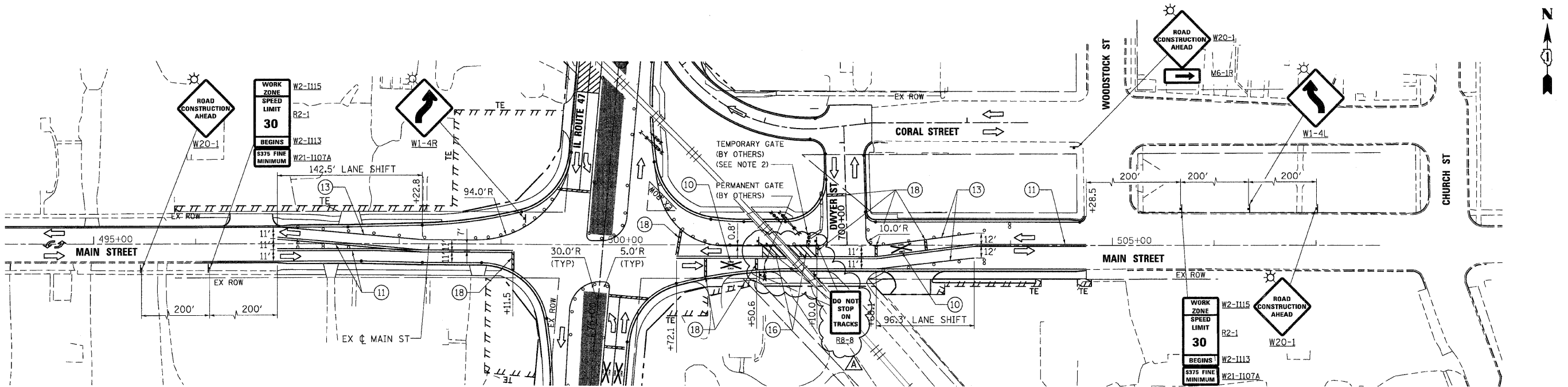
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	100
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(105X & 106) WRS-2				



MILL STREET

NOTES:

- PAVEMENT MARKING TAPE FROM STAGE 3 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 3 SHEET 3 OF 6 FOR ADDITIONAL INFORMATION.
- SEE TEMPORARY RAILROAD CROSSING GATE DETAIL ON MOT DETAIL SHEET FOR ADDITIONAL INFORMATION.



MAIN STREET



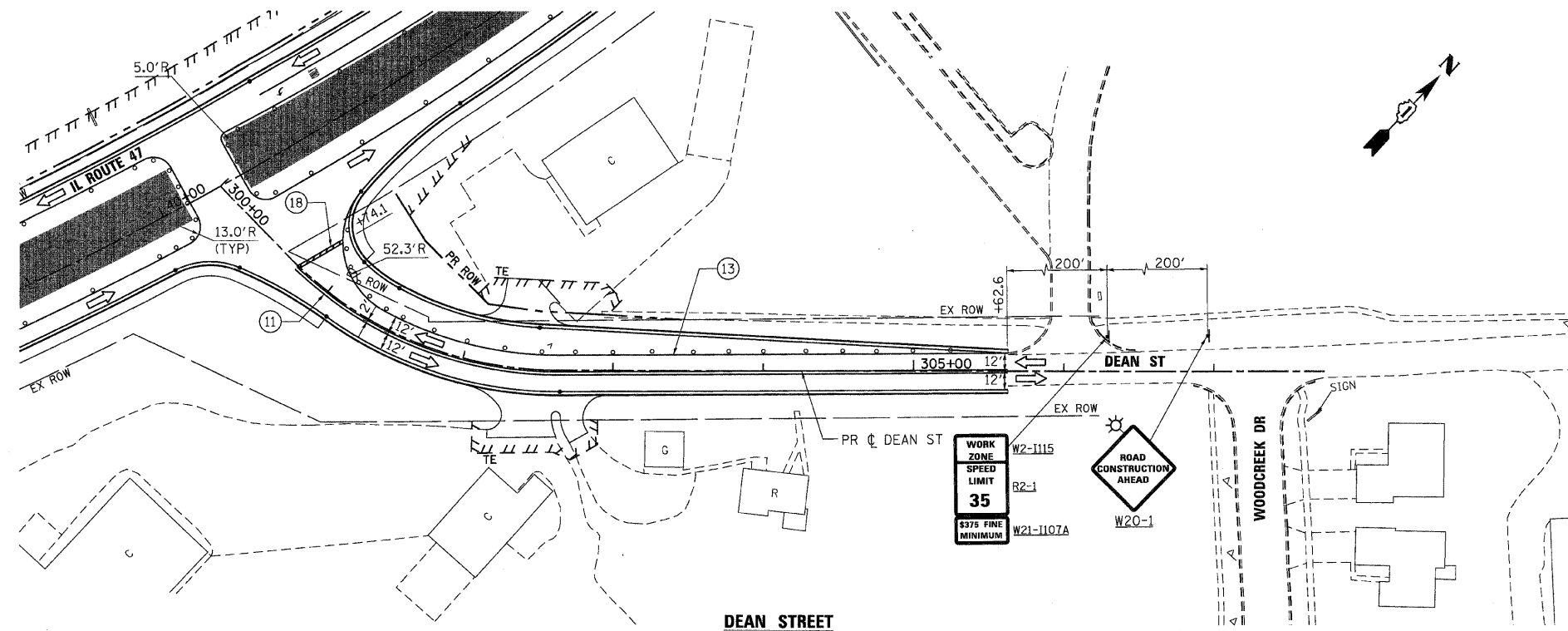
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
 MAINTENANCE OF TRAFFIC - STAGE 3B
 SHEET 2 OF 5

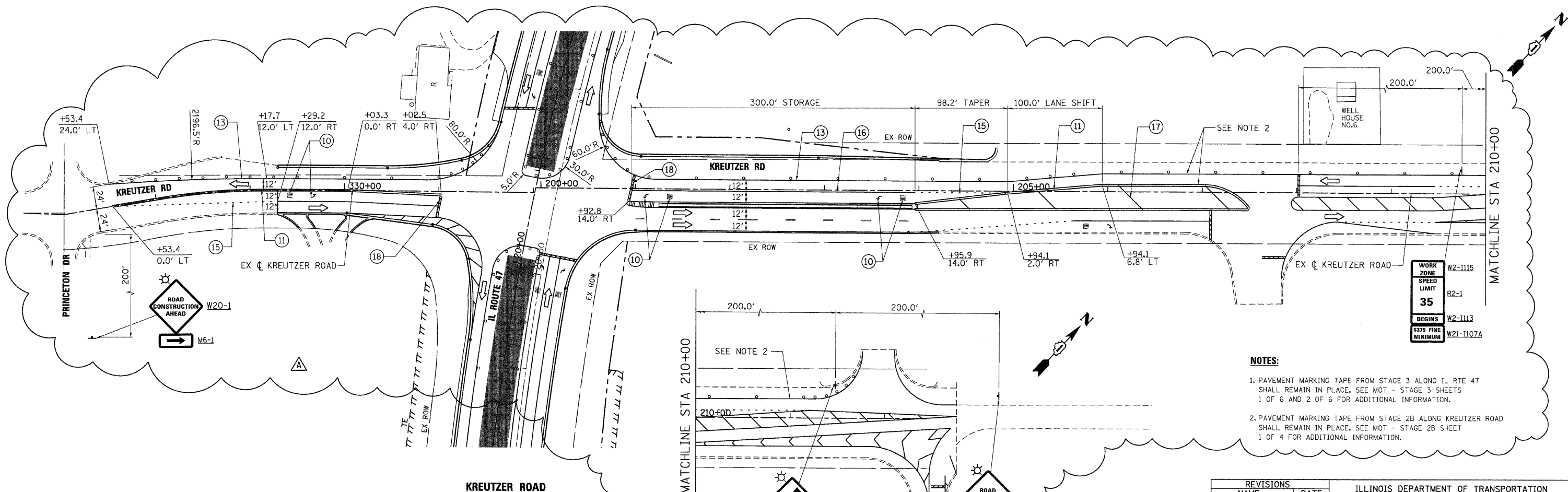
SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	104
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



DEAN STREET



KREUTZER ROAD

NOTES:

1. PAVEMENT MARKING TAPE FROM STAGE 3 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 3 SHEETS 1 OF 6 AND 2 OF 6 FOR ADDITIONAL INFORMATION.
2. PAVEMENT MARKING TAPE FROM STAGE 2B ALONG KREUTZER ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 2B SHEET 1 OF 4 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

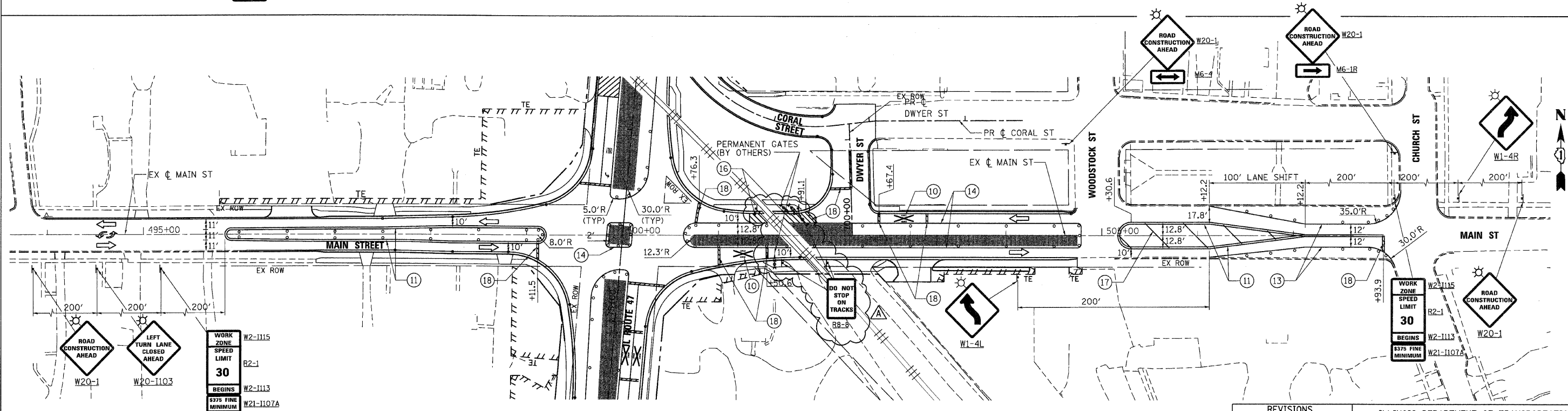
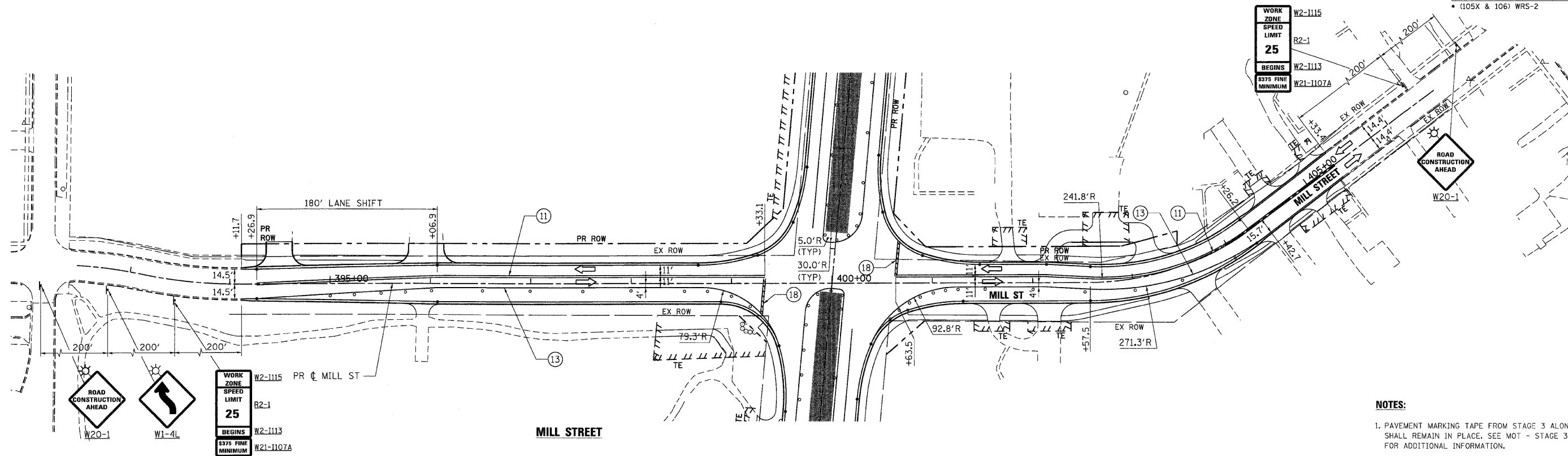
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3C
DEAN STREET AND KREUTZER ROAD
SHEET 1 OF 4

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-mst\104-mst-st3c.dwg
 PLOT SCALE = 50%
 USER NAME = 3891

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	105
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\VI-CADD\81-sh\1105_mct_s43s_02.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3698



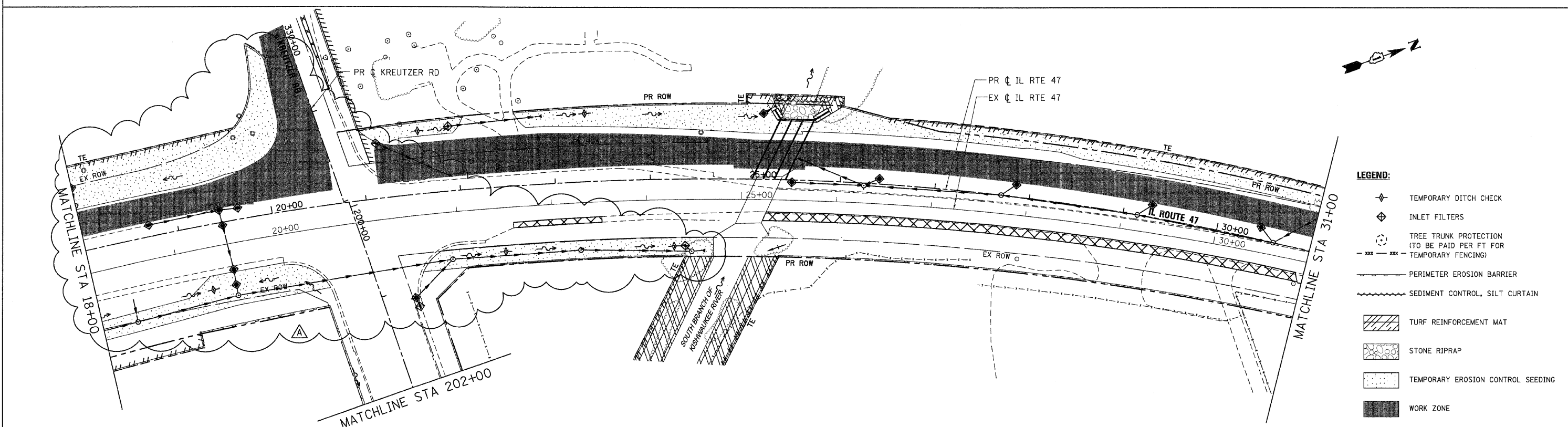
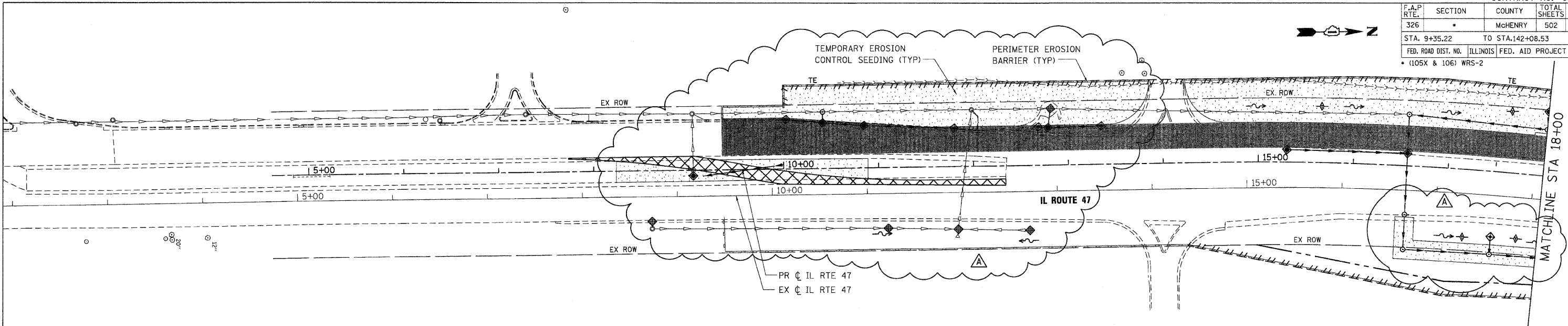
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
 MAINTENANCE OF TRAFFIC - STAGE 3C
 SHEET 2 OF 4

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	110
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- LEGEND:**
- ◆ TEMPORARY DITCH CHECK
 - ◇ INLET FILTERS
 - TREE TRUNK PROTECTION (TO BE PAID PER FT FOR TEMPORARY FENCING)
 - PERIMETER EROSION BARRIER
 - ~ SEDIMENT CONTROL, SILT CURTAIN
 - ▨ TURF REINFORCEMENT MAT
 - ▩ STONE RIPRAP
 - ▤ TEMPORARY EROSION CONTROL SEEDING
 - WORK ZONE
 - ▧ TEMPORARY WIDENING

- NOTES:**
1. PLACE SEDIMENT CONTROL SILT CURTAIN OUTSIDE OF CONSTRUCTION AREA WITHIN ROW AND/OR TEMPORARY EASEMENT.

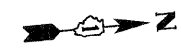
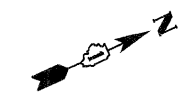
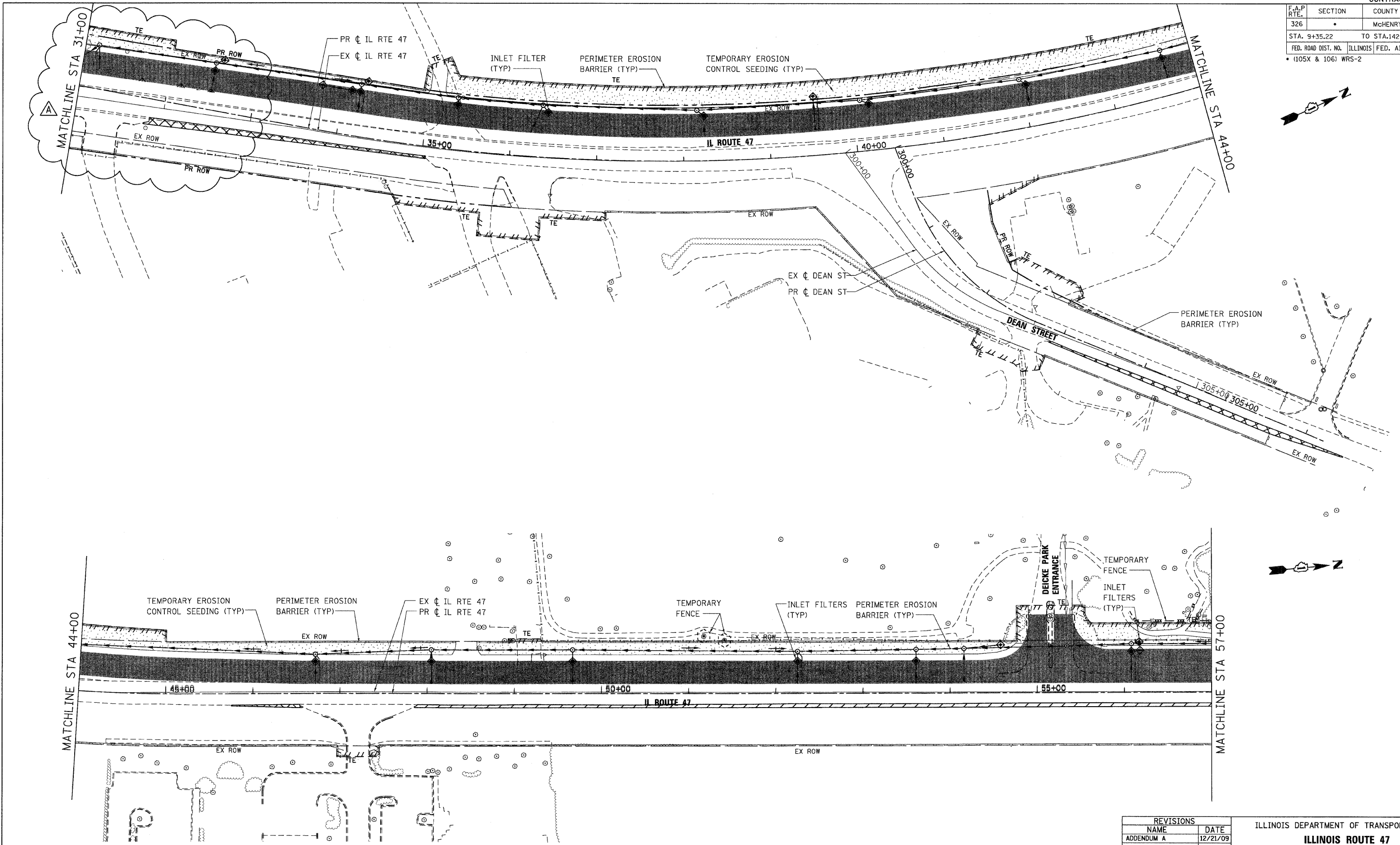
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EROSION CONTROL PLAN - STAGE 1
SHEET 1 OF 7

SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\101-rts-rt118-ero-st1-ah1.dgn
 PLOT SCALE = 50%
 USER NAME =

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	111
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-C000\01\sh11\eroc.s1.sh182.dgn
 PLOT SCALE = 50%
 USER NAME = 3590

650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-006533
 (773) 633-3624

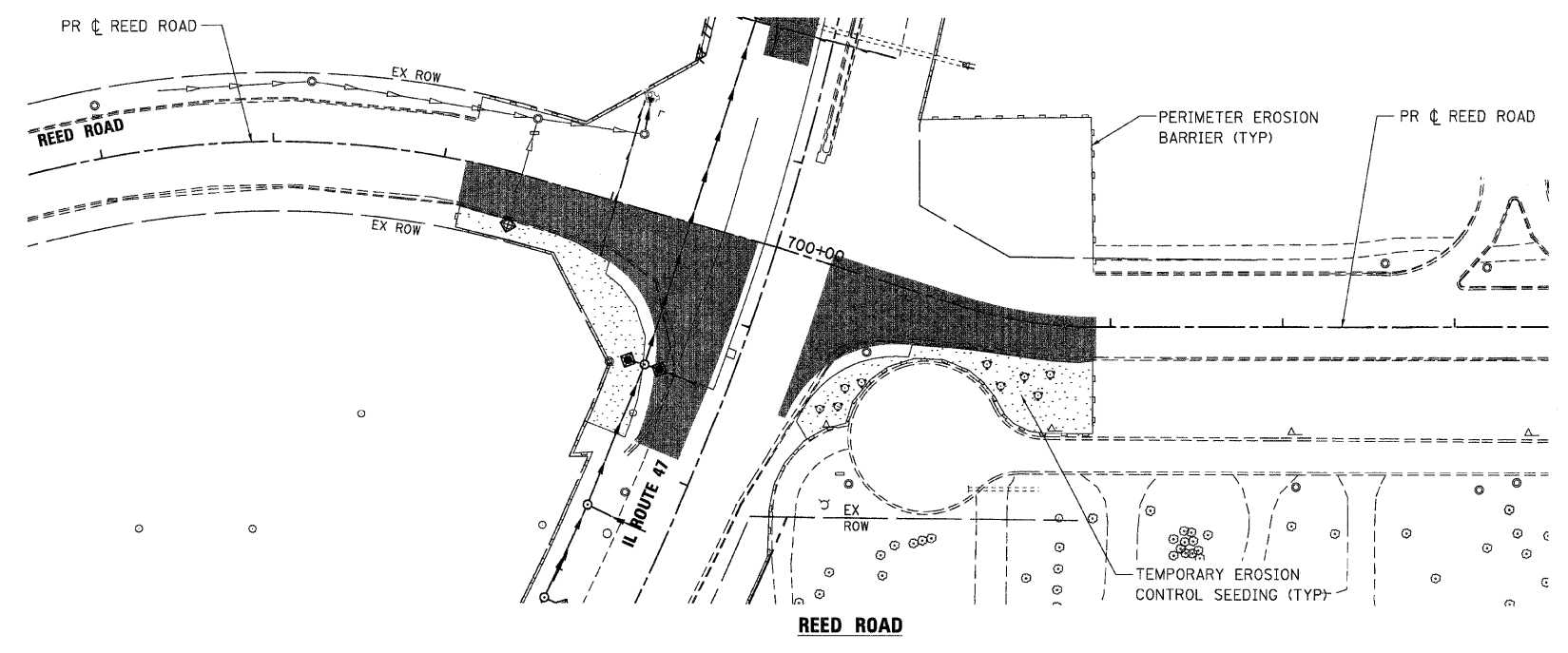
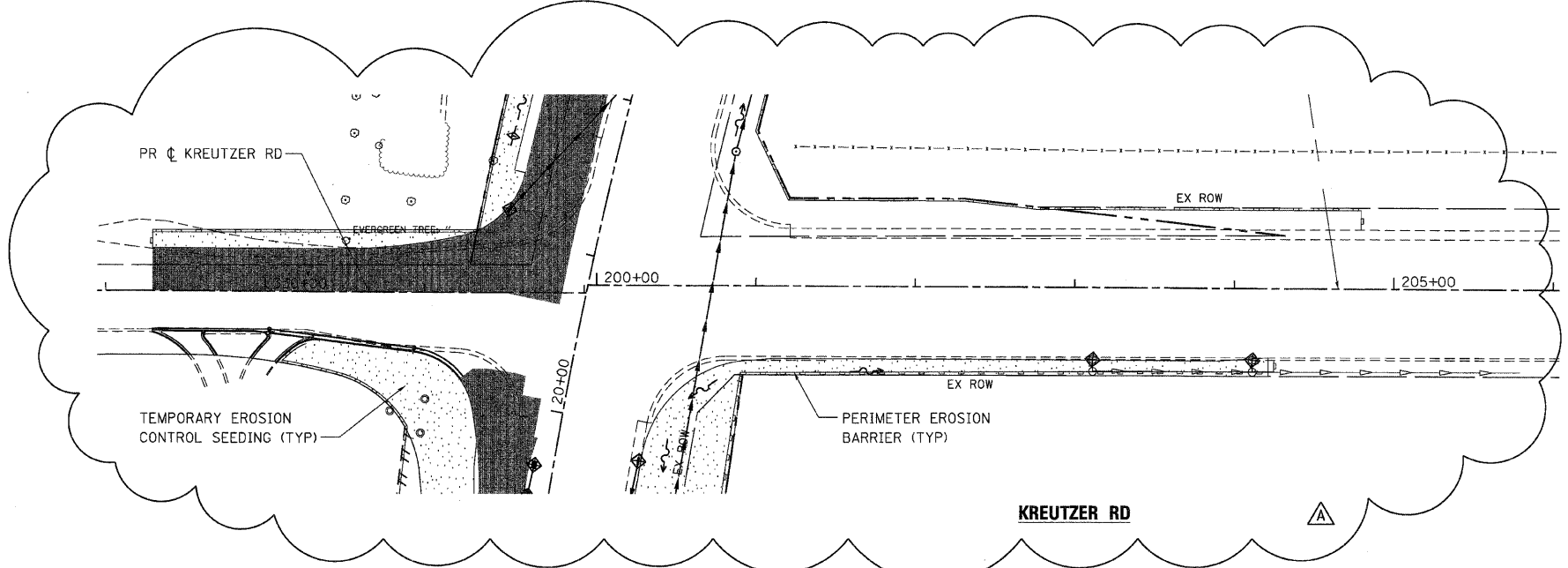
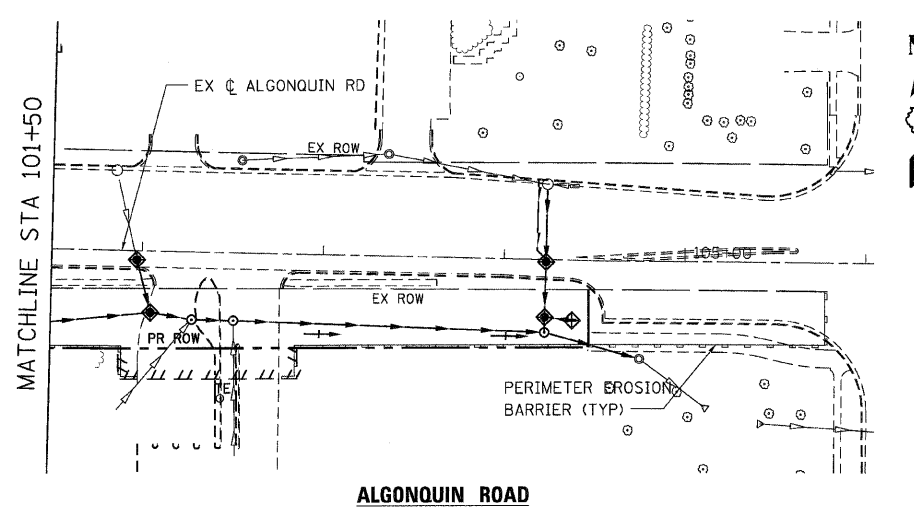
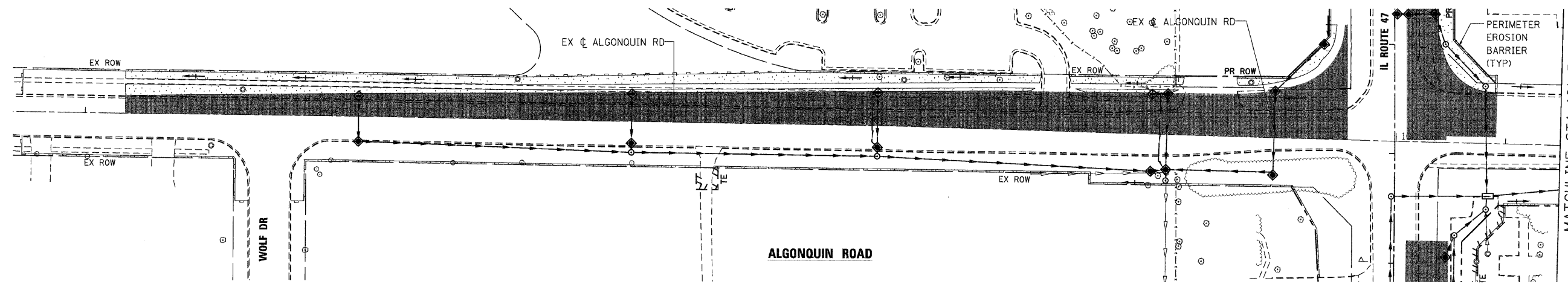
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EROSION CONTROL PLAN - STAGE 1
SHEET 2 OF 7

SCALE: VERT. 1"=50'
 HORIZ. 1"=100'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHEMRY	502	118
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\11-CADD\01-mh\118.dwg
PLOT SCALE = 50%
USER NAME = 35%

Stanley Consultants INC.
650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 04-00533
(773) 693-3624

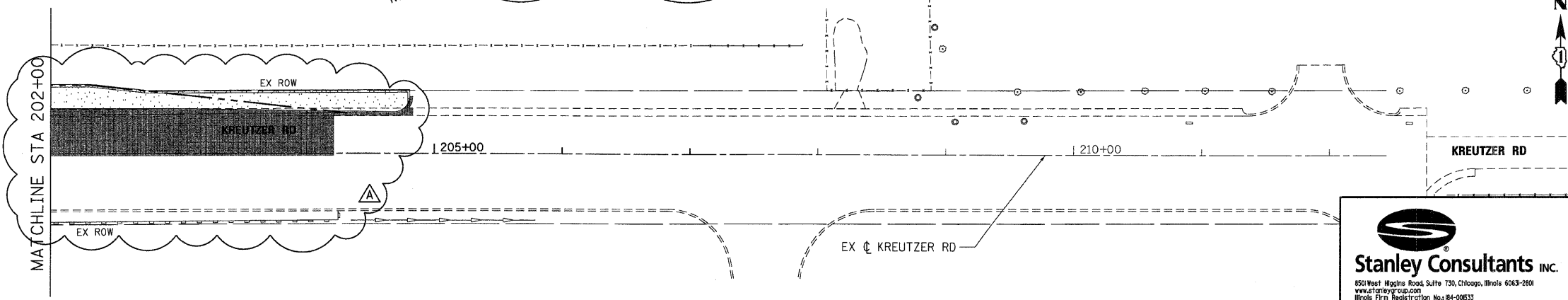
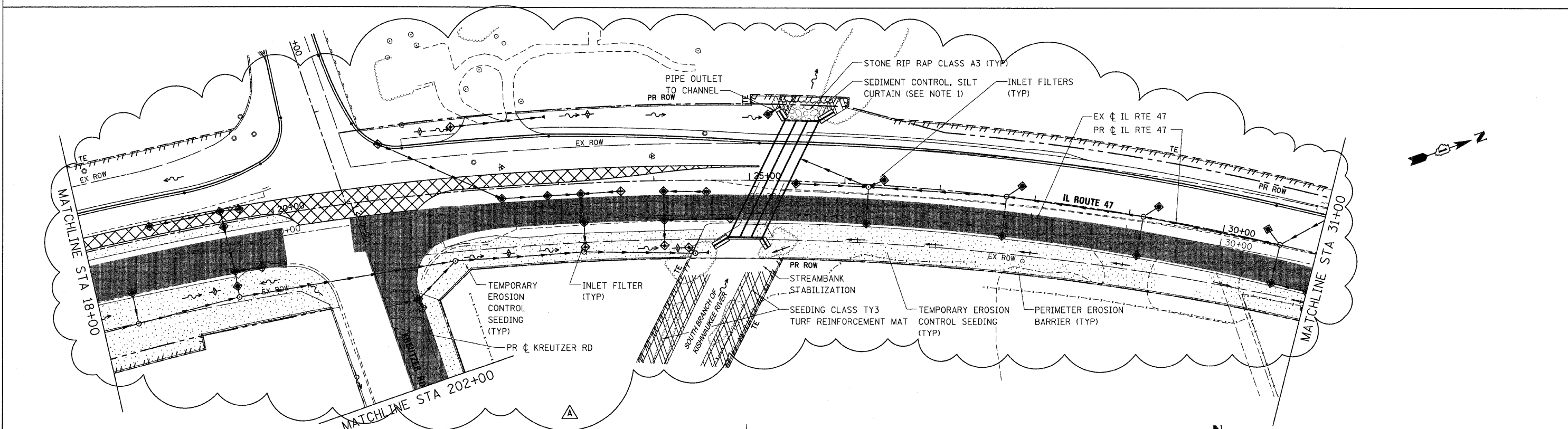
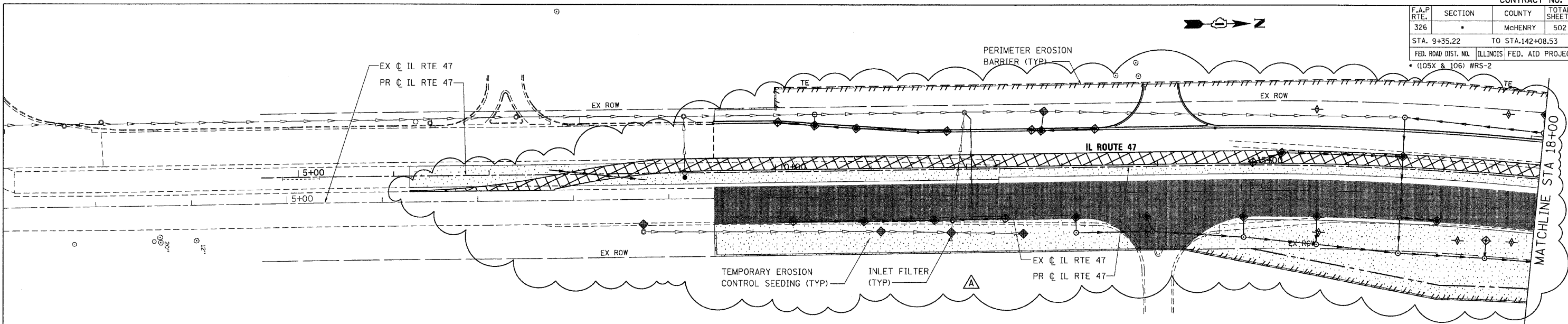
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ALGONQUIN ROAD AND REED ROAD
EROSION CONTROL PLAN - STAGE 1B
SHEET 2 OF 2**

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	119
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES

1. PLACE SEDIMENT CONTROL SILT CURTAIN OUTSIDE OF CONSTRUCTION AREA WITHIN ROW AND/OR TEMPORARY EASEMENT.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

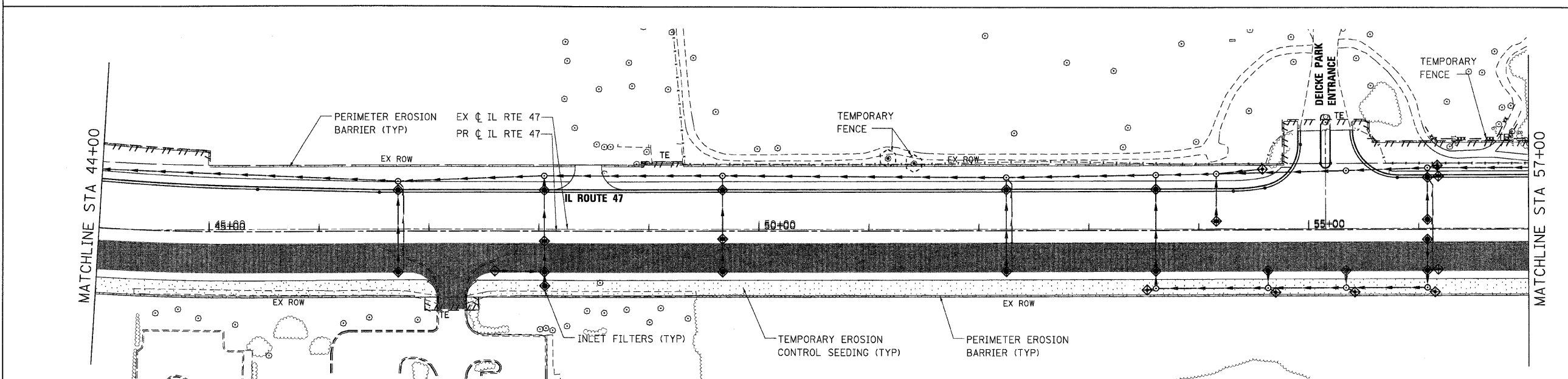
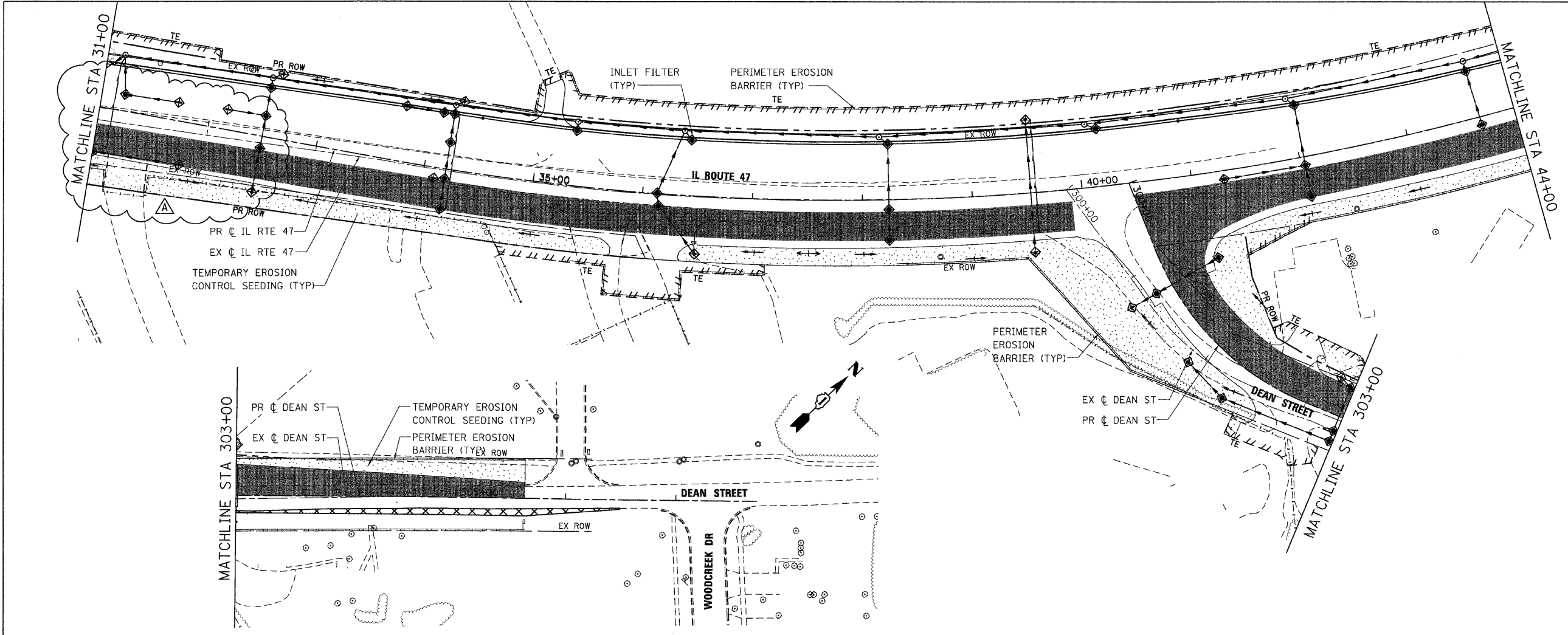
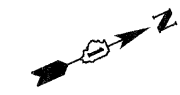
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EROSION CONTROL PLAN - STAGE 2
SHEET 1 OF 7

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-006533
 (773) 693-3524

DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\01-INT\1119_ero_02_11.dgn
 PLOT SCALE = 50%
 USER NAME = 36%g

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	120
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
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 PLOT SCALE = 5/8"=1'
 USER NAME = 3679



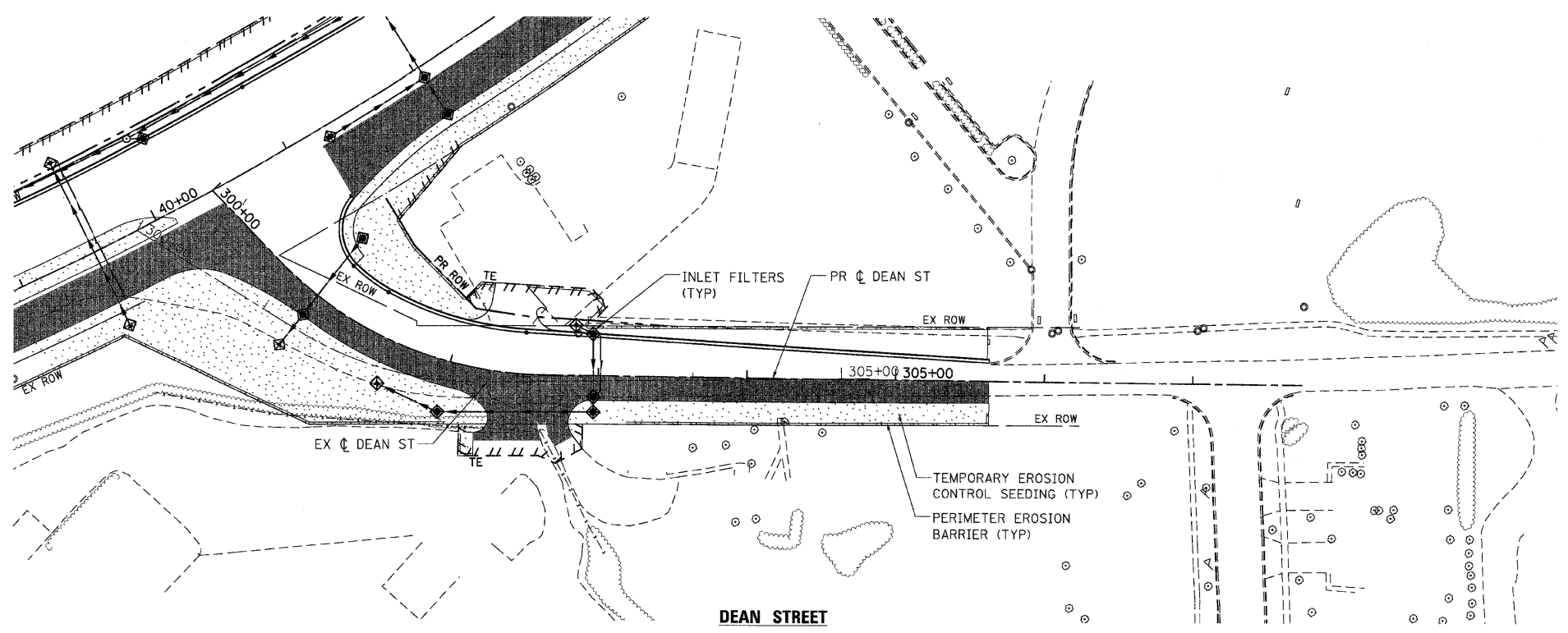
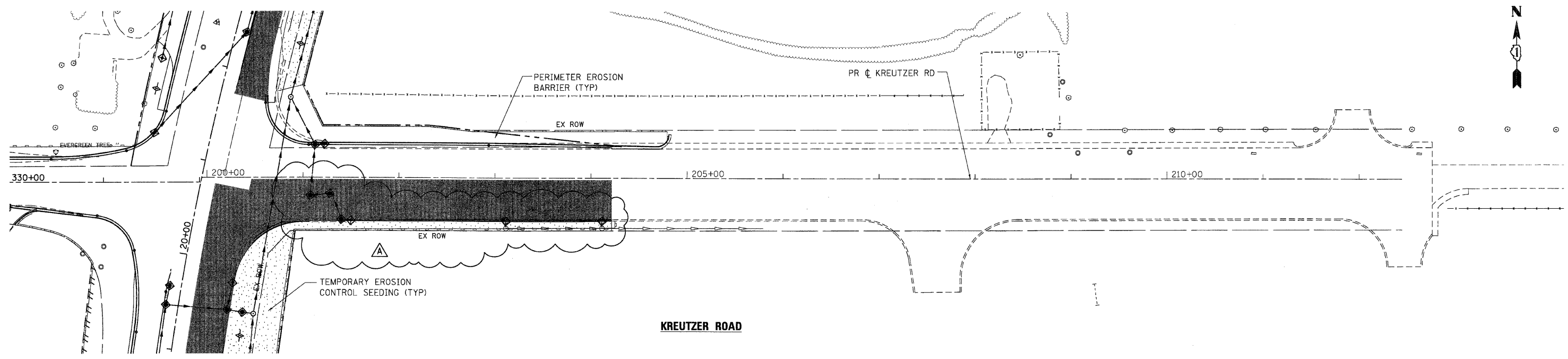
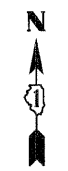
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EROSION CONTROL PLAN - STAGE 2
SHEET 2 OF 7

SCALE: VERT. 1"=50'
 HORIZ. DATE: 10/13/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	126
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-0000\01-111126_ero.s12b.dwg
 PLOT SCALE = 50%
 USER NAME = 36%

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

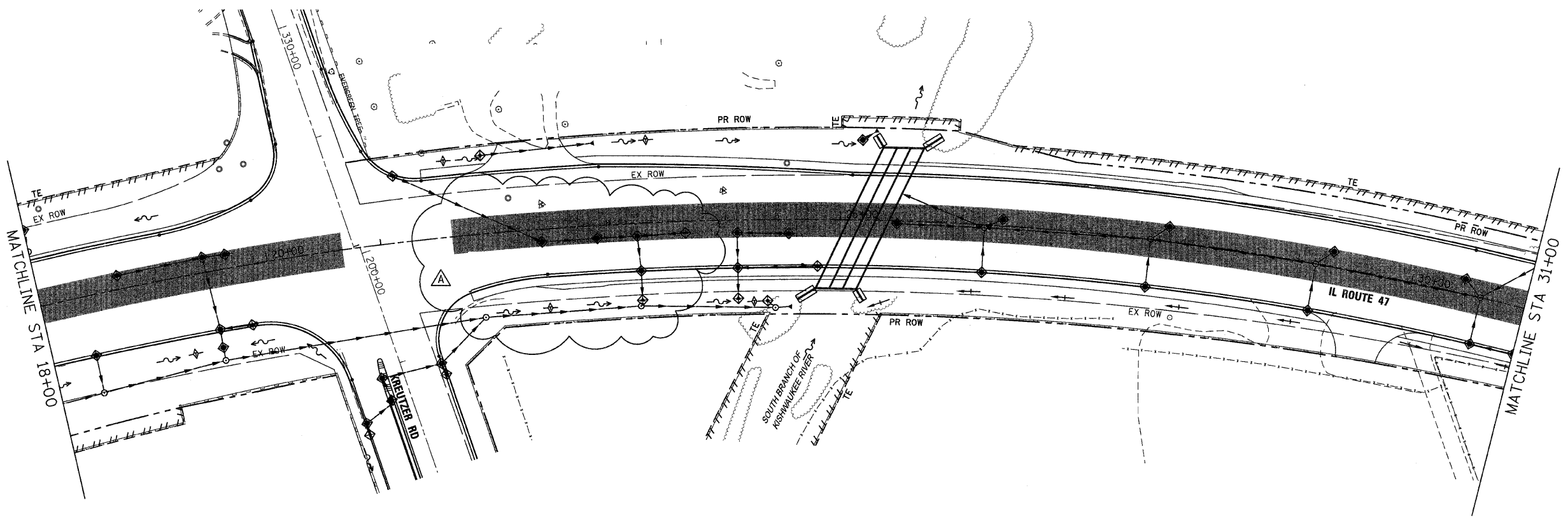
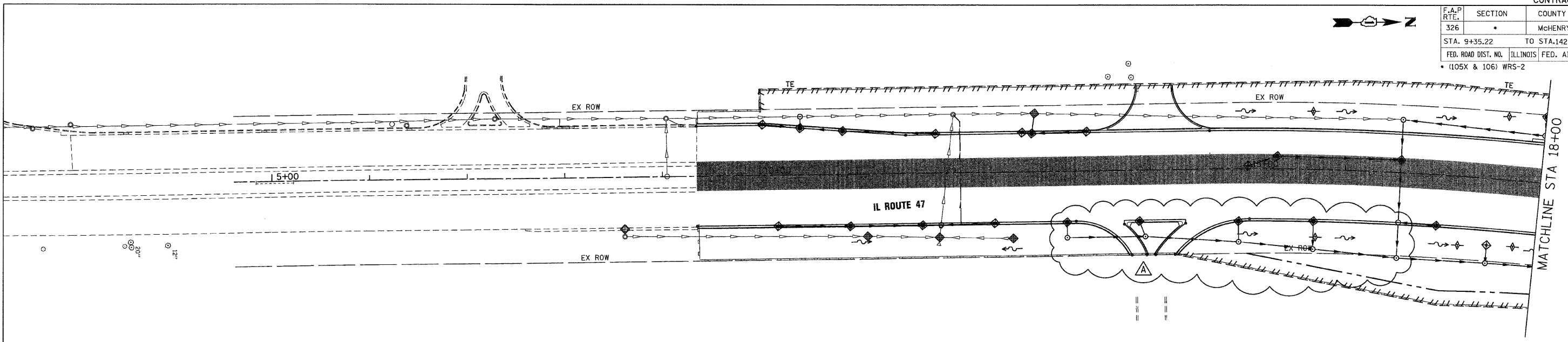
Stanley Consultants INC.
 650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanley-c.com
 Illinois Firm Registration No. 04-00633
 (773) 635-3624

ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD & DEAN STREET
EROSION CONTROL PLAN - STAGE 2B
SHEET 1 OF 4

VERT. SCALE: 1"=50'
 HORIZ. SCALE: 1"=50'
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	131
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\09\mch\131\ero.asx.dgn
 PLOT SCALE = 50:1
 USER NAME = 3659



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EROSION CONTROL PLAN - STAGE 3
SHEET 1 OF 6

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 8/5/2009

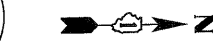
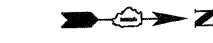
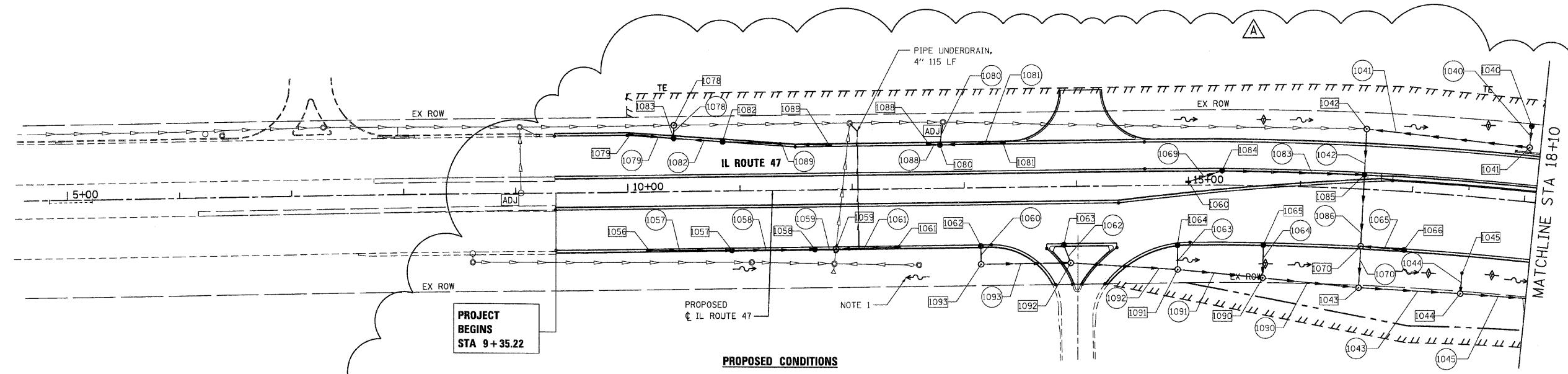
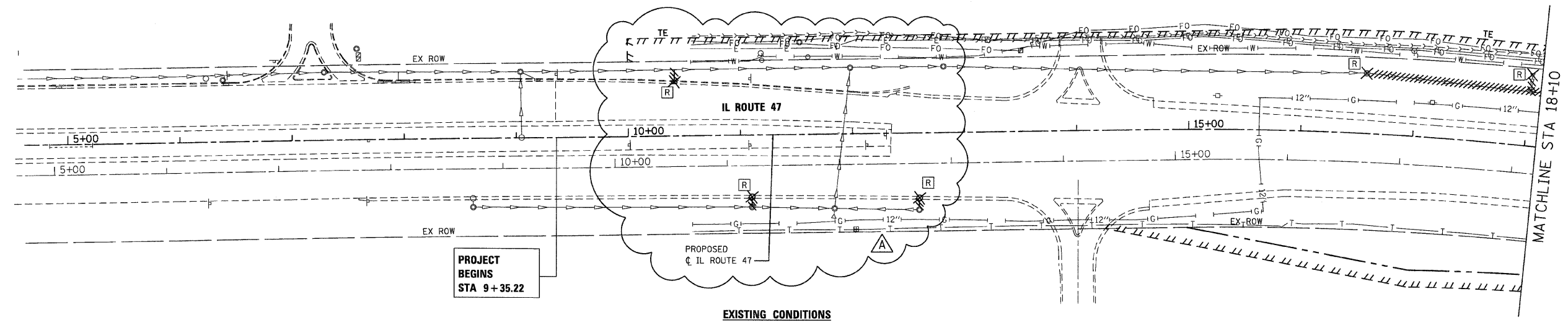
DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHEMRY	502	146
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

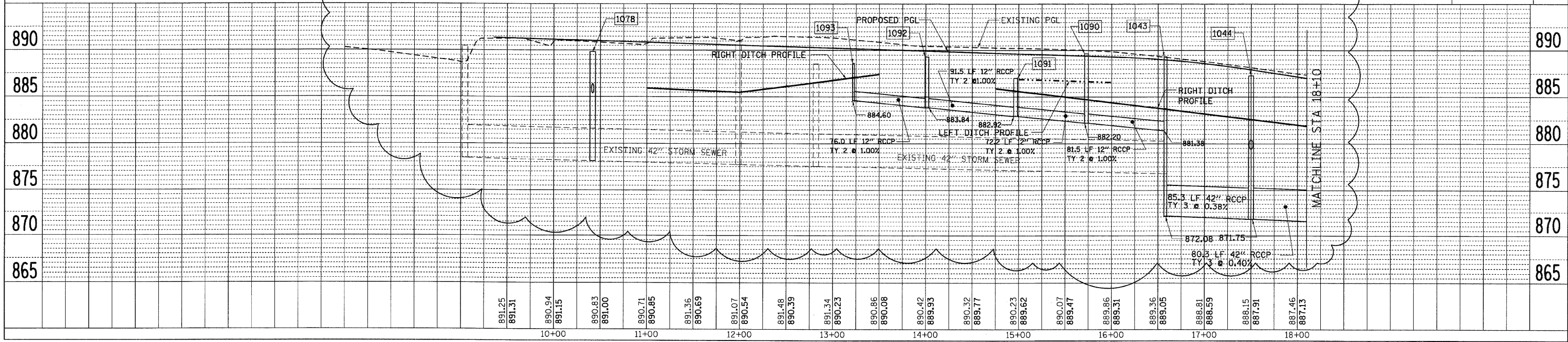
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	PLOTTED	BY
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PLOT DATE = Friday, December 18, 2009
 FILE NAME = S:\11-CADD\11-146.dwg
 PLOT SCALE = 49.999911
 USER NAME = 3658



NOTES:
 1. DITCHES AND SWALES TO BE GRADED AT A MINIMUM SLOPE OF 0.3% TO EXISTING INLET.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

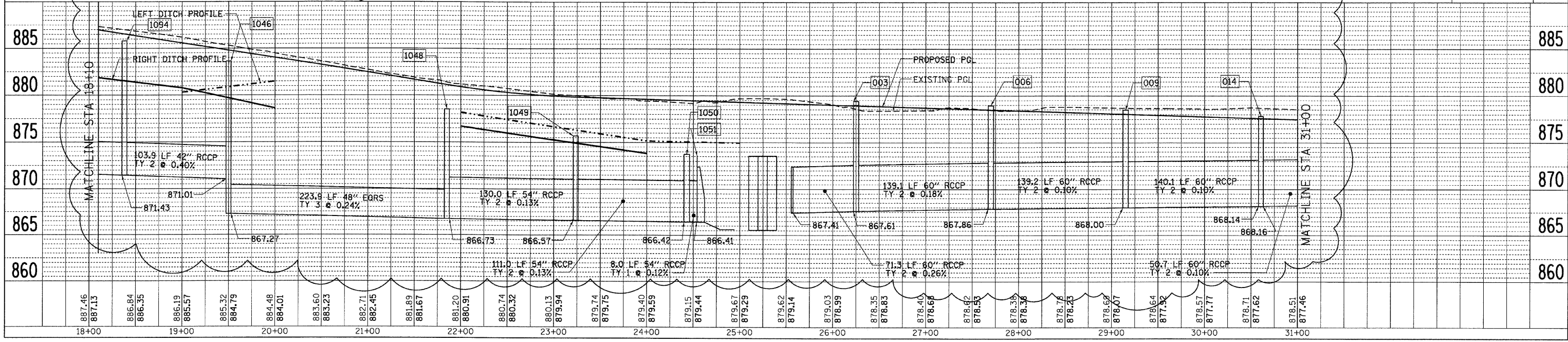
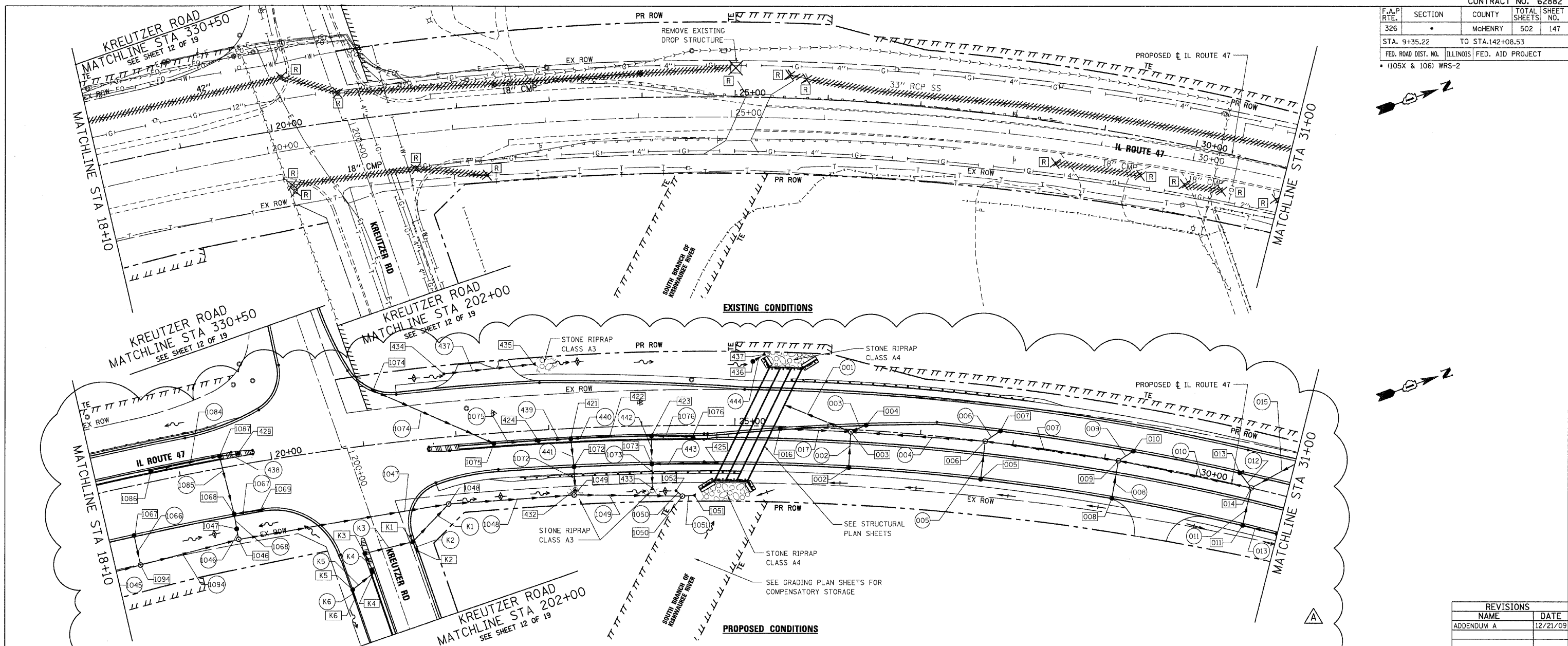


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	147
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	

PLOT DATE = Friday, December 18, 2009
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 PLOT SCALE = 49.99991
 USER NAME = 3698



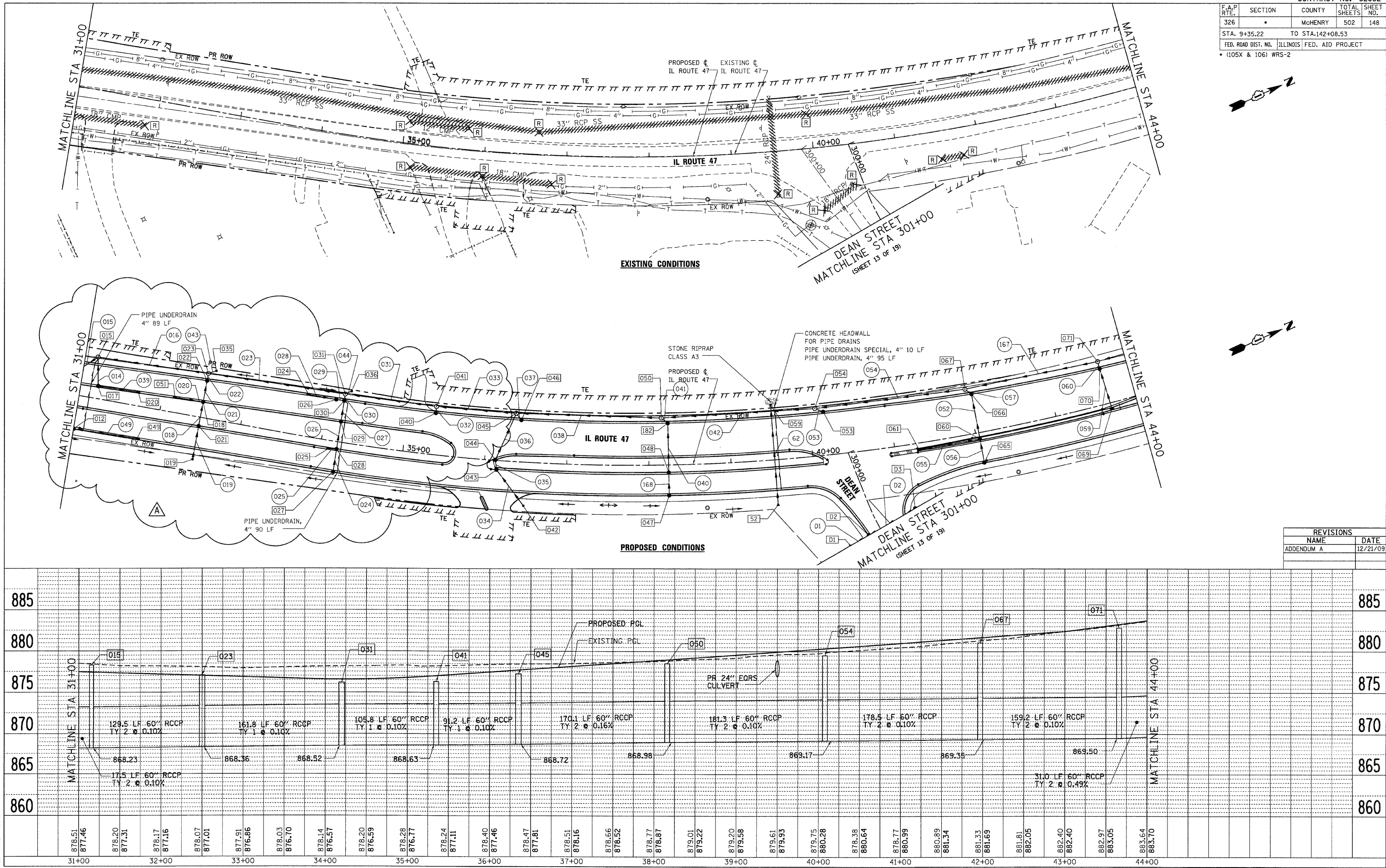
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	148
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	DATE	
	BY	
	NOTE BOOK	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	DATE	
	BY	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	DATE	
	BY	
	NOTE BOOK	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	DATE	
	BY	
	FILE NAME	
	NO.	

PLOT DATE = Friday, December 18, 2009
 FILE NAME = S:\11-CADD\1101\1101\1101\1101.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3598



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

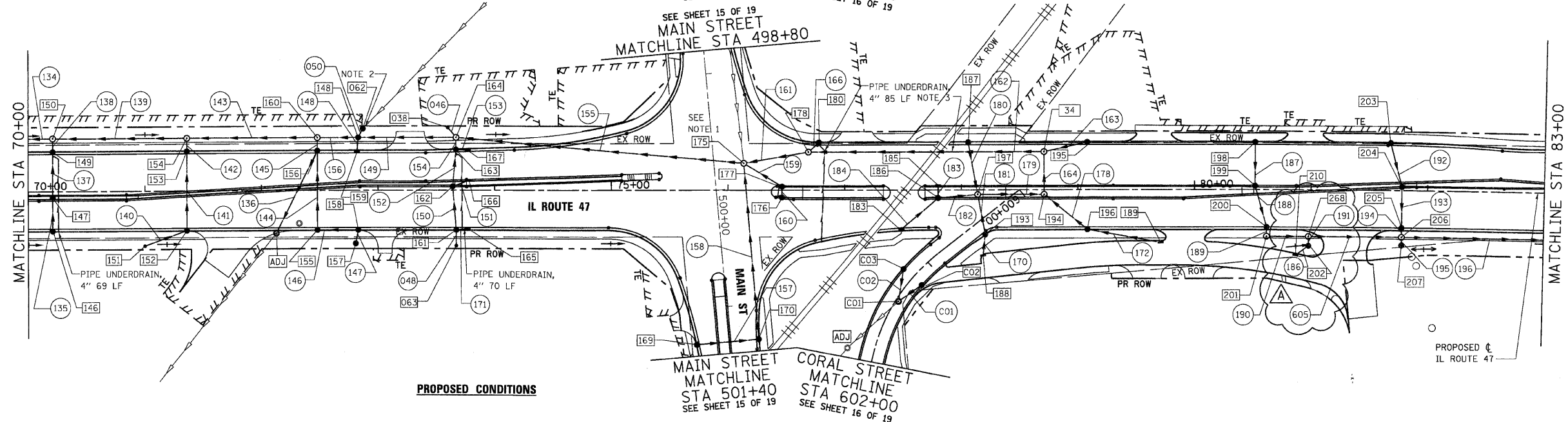
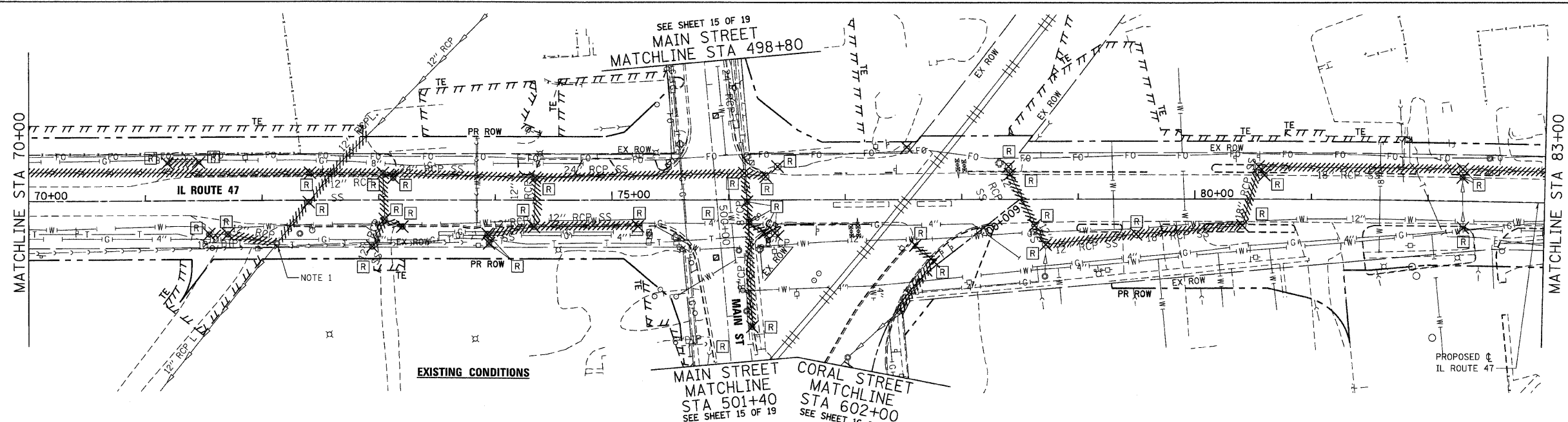
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	151
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				



DATE	BY

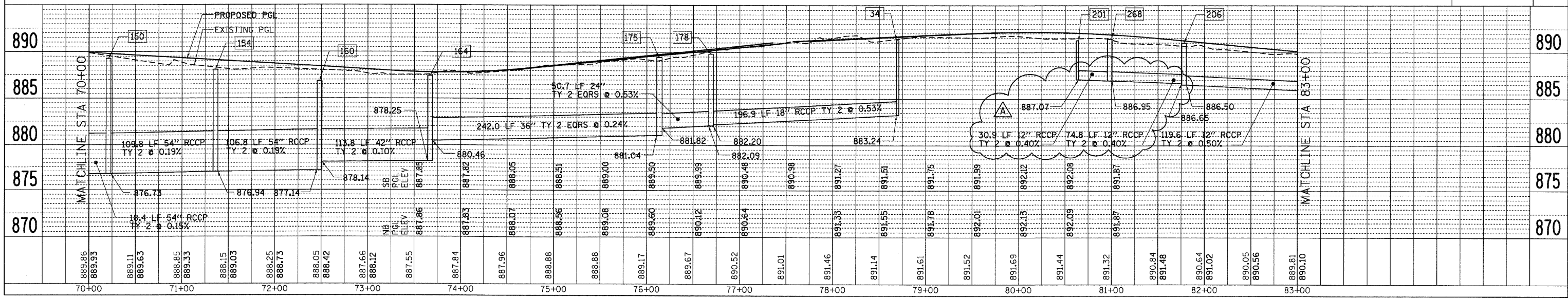
DATE	BY

PLOT DATE = Friday, December 18, 2009
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 PLOT SCALE = 49.99991
 USER NAME = 3899

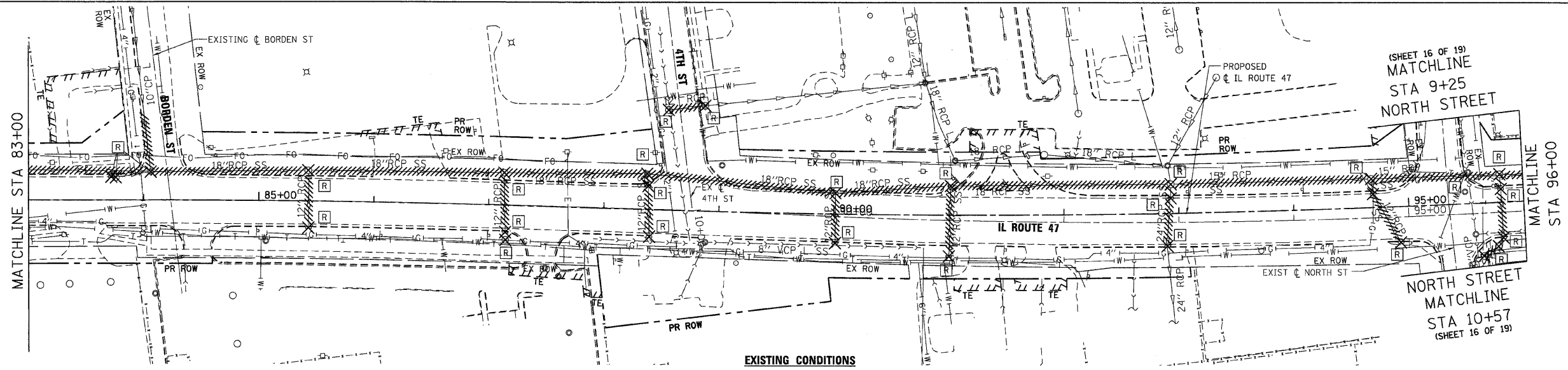


- NOTES:**
- EXISTING MANHOLE PENETRATION TO BE PLUGGED AFTER REMOVAL OF 12" RCP.
 - PROPOSED CATCH BASIN TO BE CONNECTED TO EXISTING STORM SEWER SYSTEM, EXISTING INVERT TO BE MAINTAINED.
 - SEE RAIL BORE AND JACK DETAIL FOR RAILROAD BORING AND JACKING DETAILS.

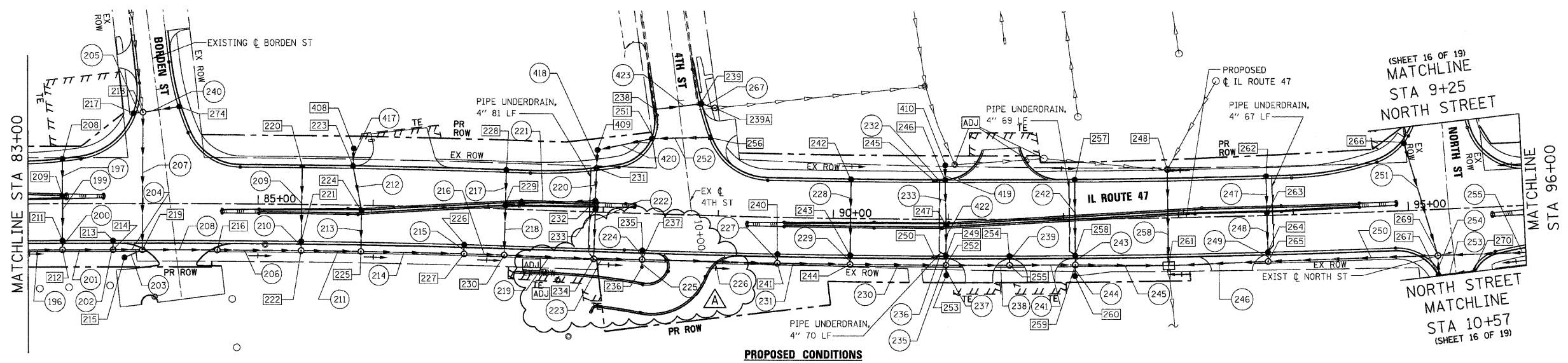
REVISIONS		
NAME	DATE	
ADDENDUM A	12/21/09	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	152
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				



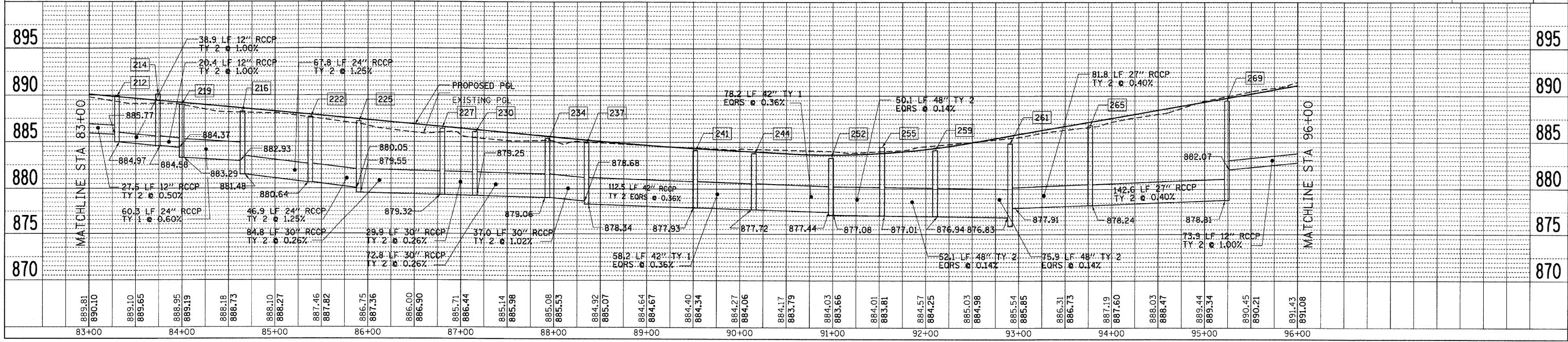
EXISTING CONDITIONS



PROPOSED CONDITIONS



REVISIONS		
NAME	DATE	
ADDENDUM A	12/21/09	



DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

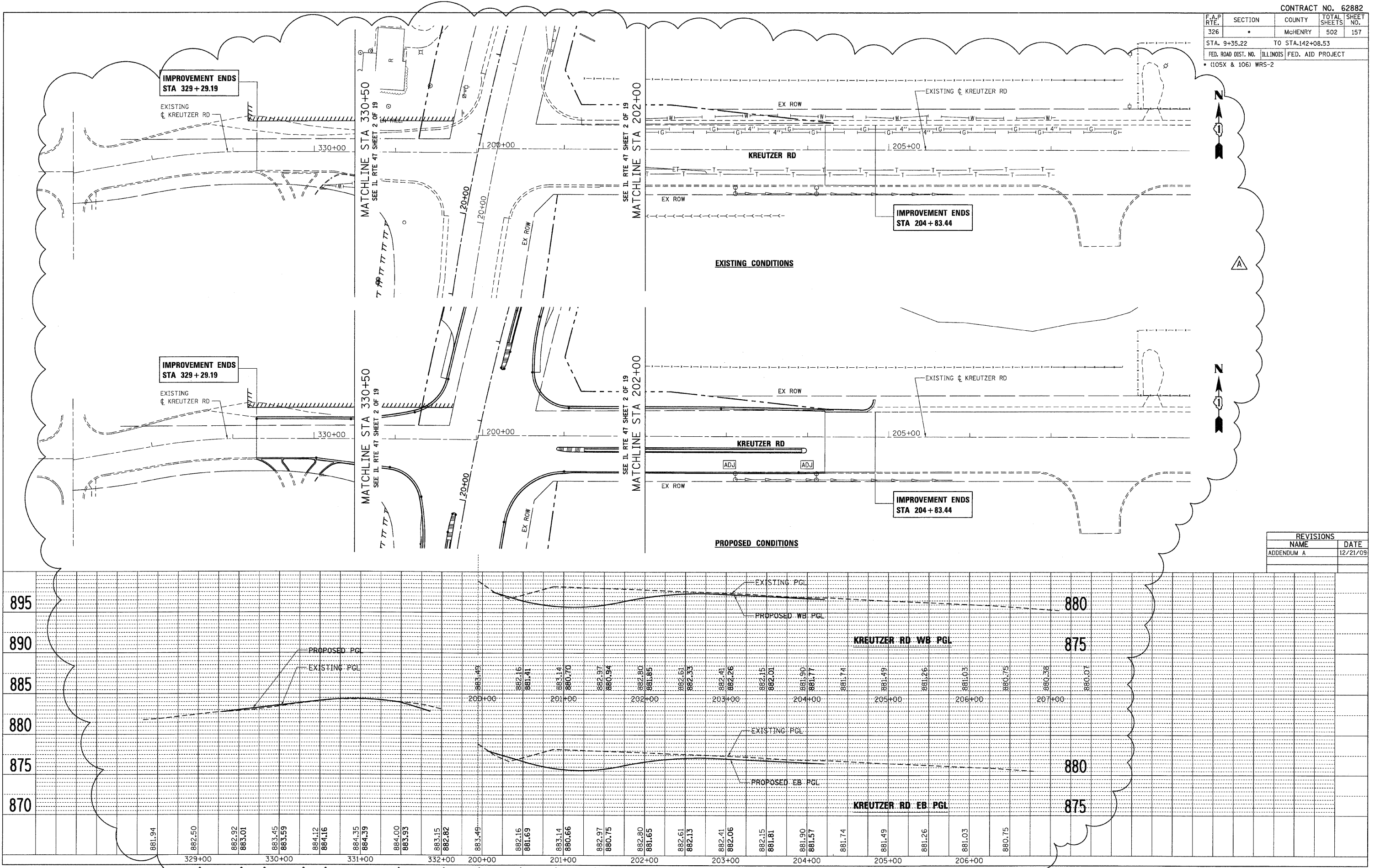
PLOT DATE = Monday, December 21, 2009
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 USER NAME = 3698

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	157
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

PLAN	DATE	BY
STARTED		
PLOTTED		
CHECKED		
NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	DATE	BY
STARTED		
PLOTTED		
CHECKED		
NOTE BOOK NO.		
STRUCTURE NOTATION CHRG		

PLOT DATE = Friday, December 18, 2009
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 PLOT SCALE = 48.999991
 USER NAME = 3658



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	187
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				

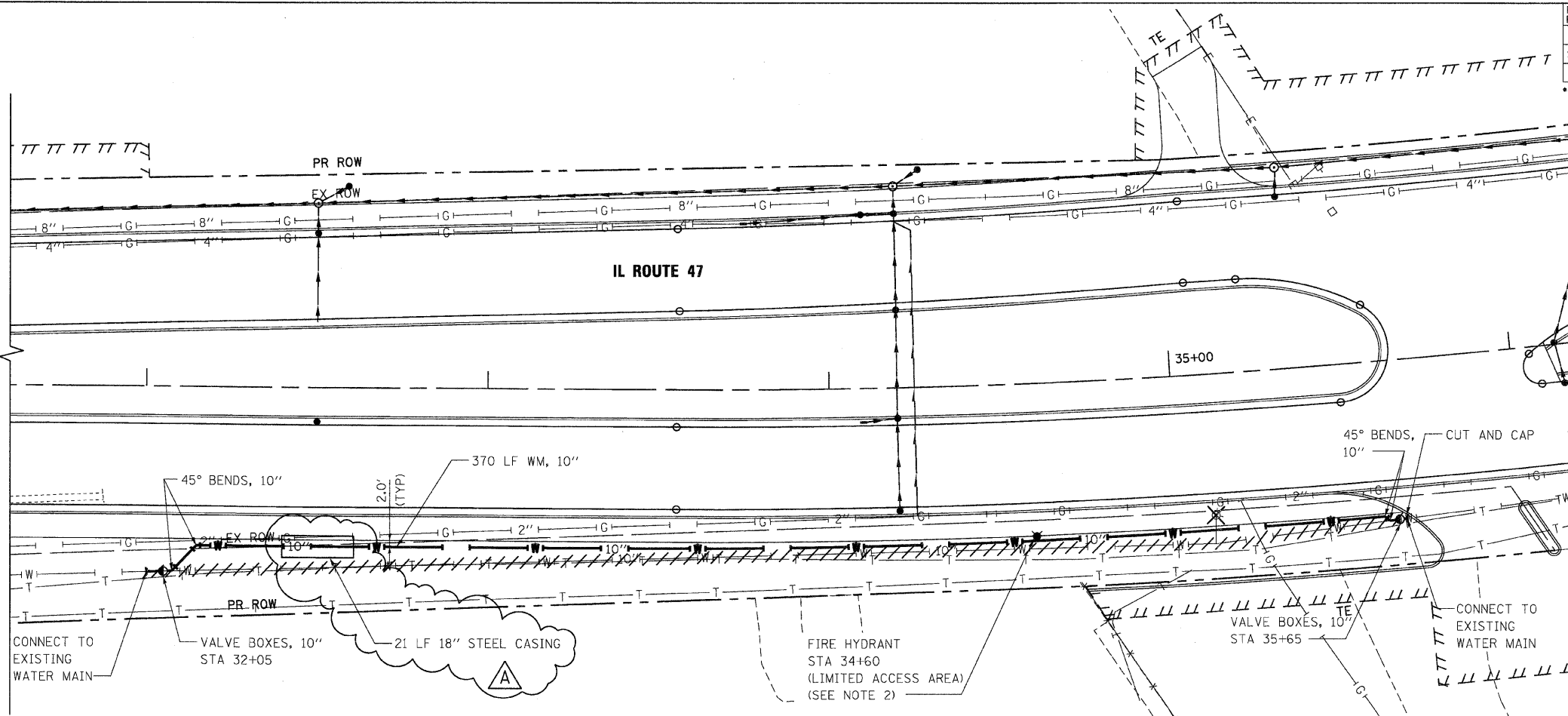
LEGEND:

- W— 12"— EXISTING WATER MAIN
- W— 12"— PROPOSED WATER MAIN
- - - - - EXISTING SANITARY SEWER
- - - - - PROPOSED SANITARY SEWER
- PROPOSED VALVE VAULT
- PROPOSED MANHOLE
- OR ○ EXISTING VALVE/MANHOLE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED REDUCER
- PROPOSED PLUG
- ✕ REMOVE VALVE/MANHOLE
- ✕ REMOVE FIRE HYDRANT
- - - - - REMOVE SANITARY SEWER
- W— 12"— REMOVE WATER MAIN

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	
NO.		

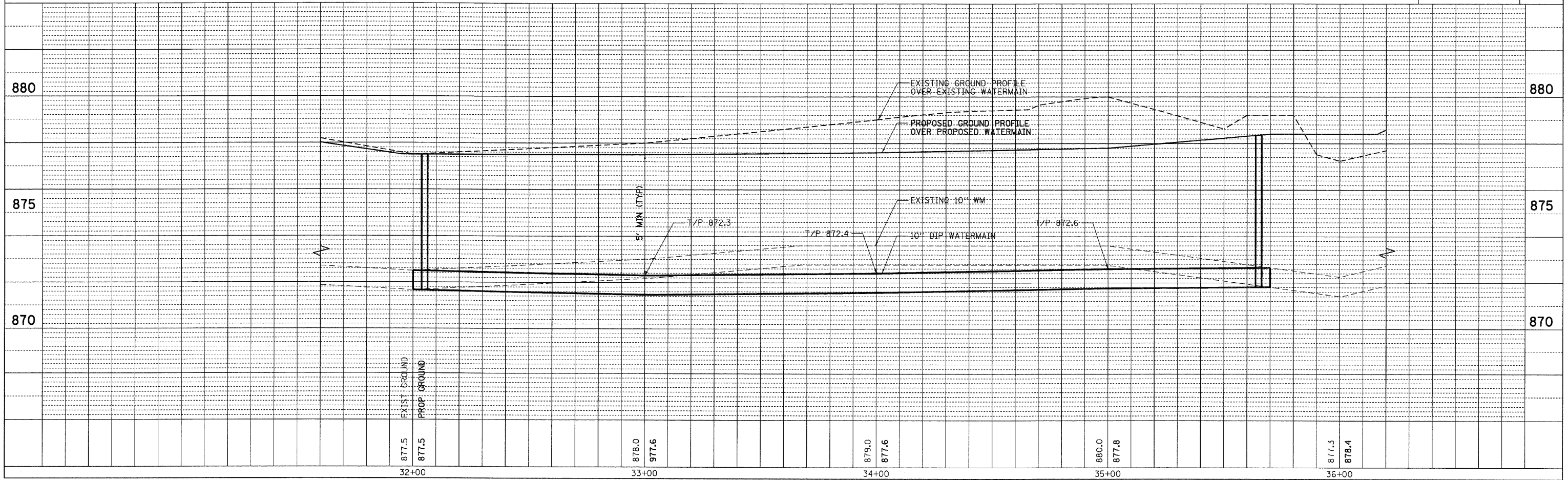
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	BY	
NO.		

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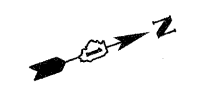


- NOTES:**
- REFER TO DRAINAGE AND UTILITIES PLAN SHEETS FOR ADDITIONAL INFORMATION.
 - INSTALLED FIRE HYDRANT SHALL BE LOCATED OUTSIDE PROPOSED SIDEWALK.
 - CONTRACTOR SHALL VERIFY MIN. 5' DEPTH OF COVER PROVIDED OVER PROPOSED WATER MAIN.

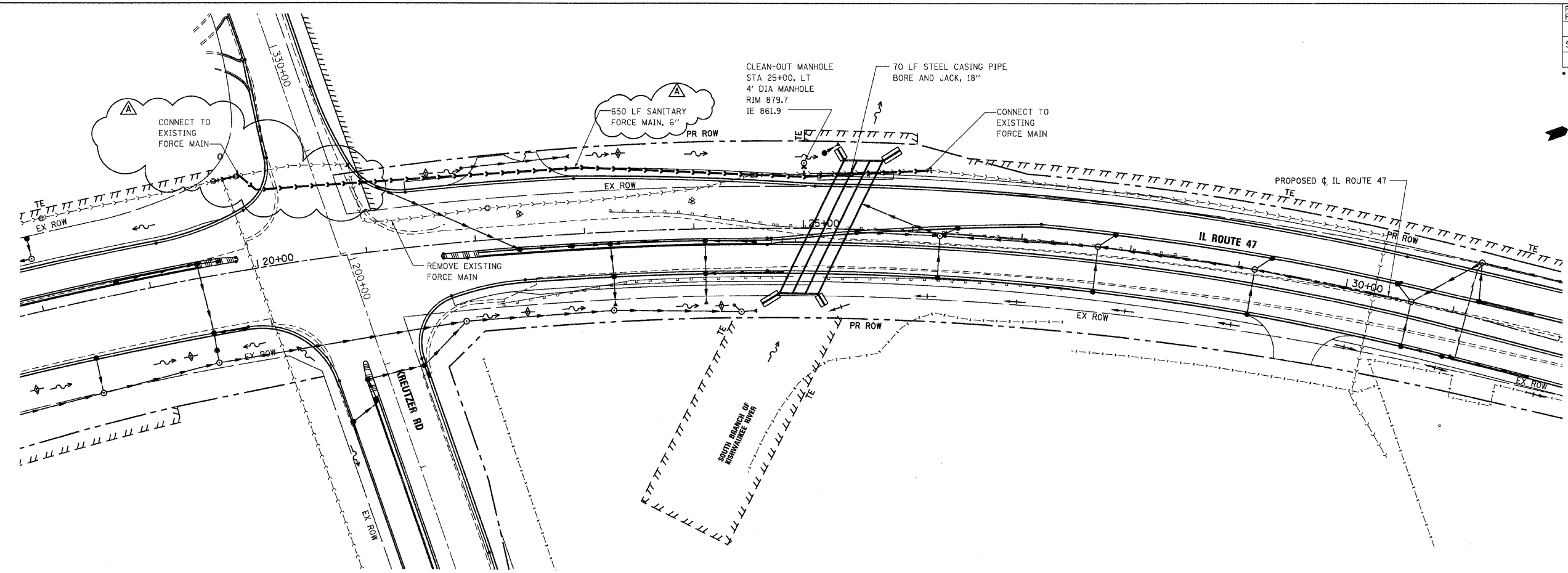
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	203
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

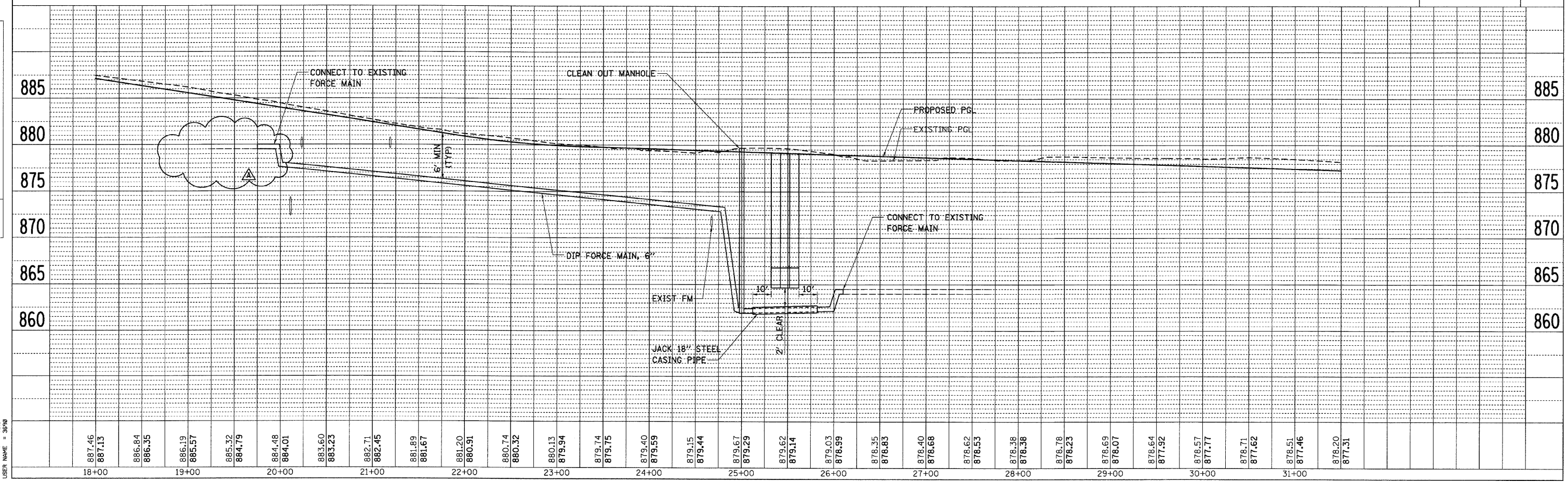


PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	FILE NAME	



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

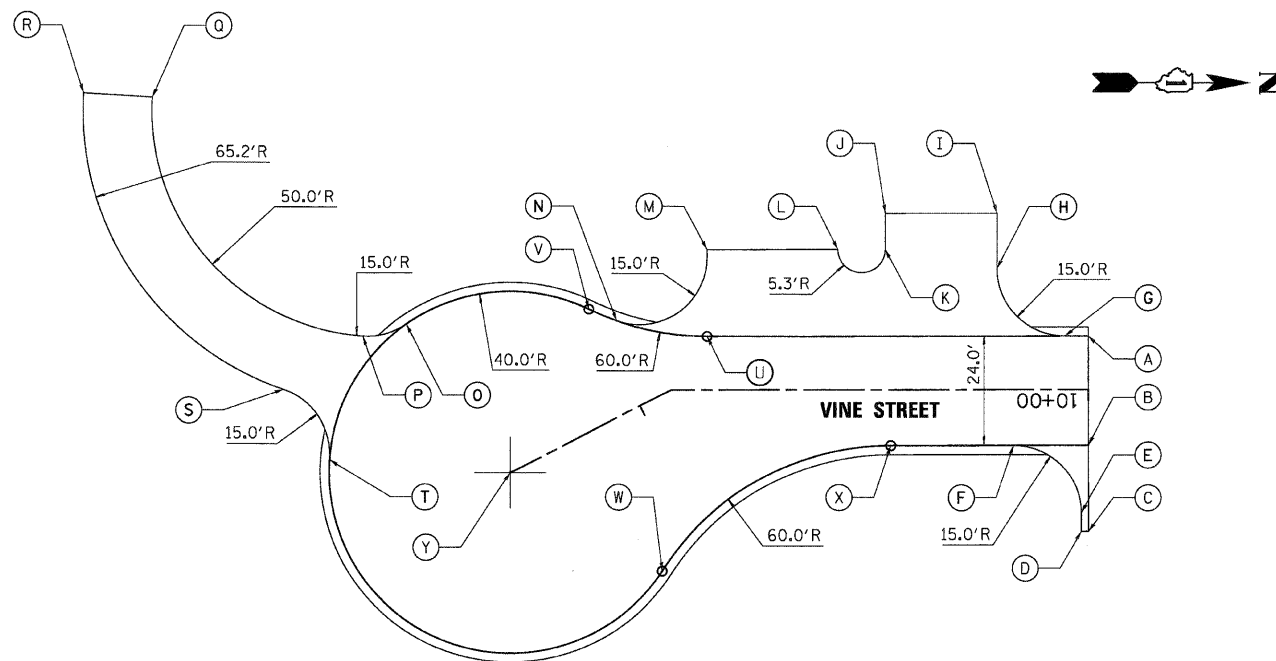
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	NOTED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	FILE NAME	



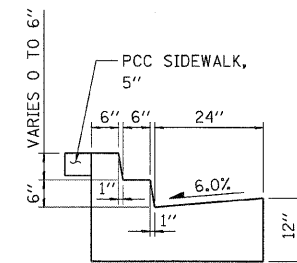
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 USER NAME = 3696

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	244
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				

POINT	NORTHING	EASTING	ELEVATION
A	2007673.8603	958777.1873	887.41
B	2007673.9133	928801.1872	887.41
C	2007673.9554	958820.2608	889.16
D	2007672.3825	958820.2642	889.08
E	2007672.3735	958816.1906	888.71
F	2007657.3404	958801.2238	887.93
G	2007668.6857	958777.1988	887.50
H	2007653.6526	958762.1776	888.47
I	2007653.6698	958749.9632	888.70
J	2007628.9680	958750.0221	888.97
K	2007628.9568	958757.9515	888.90
L	2007618.4570	958757.9898	888.95
M	2007589.5461	958758.0954	889.25
N	2007569.5843	958773.9872	890.50
O	2007523.0798	958774.7347	891.28
P	2007513.4780	958777.4269	891.30
Q	2007466.8363	958724.5999	891.73
R	2007451.6465	958723.7072	891.73
S	2007495.9818	958789.3550	891.35
T	2007506.1674	958804.6366	891.28
U	2007589.4757	958777.3736	890.25
V	2007563.4222	958771.4312	890.75
W	2007579.6981	958829.1247	890.70
X	2007630.2194	958801.2837	888.85
Y	2007546.0696	958807.4684	891.88

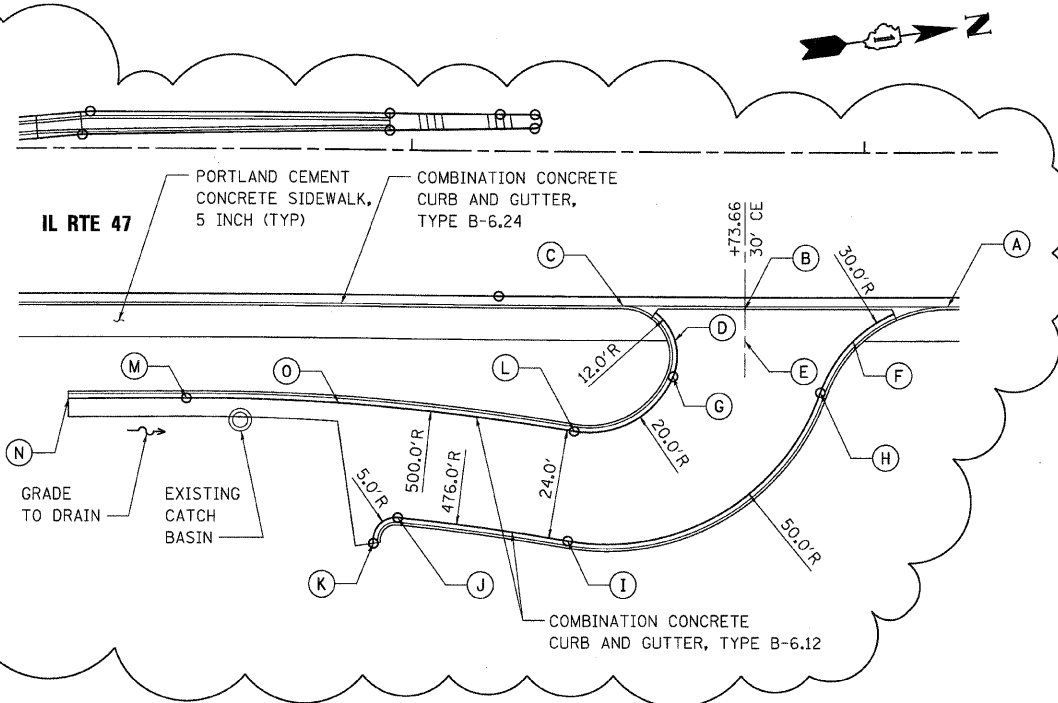


VINE STREET CUL-DE-SAC DETAIL



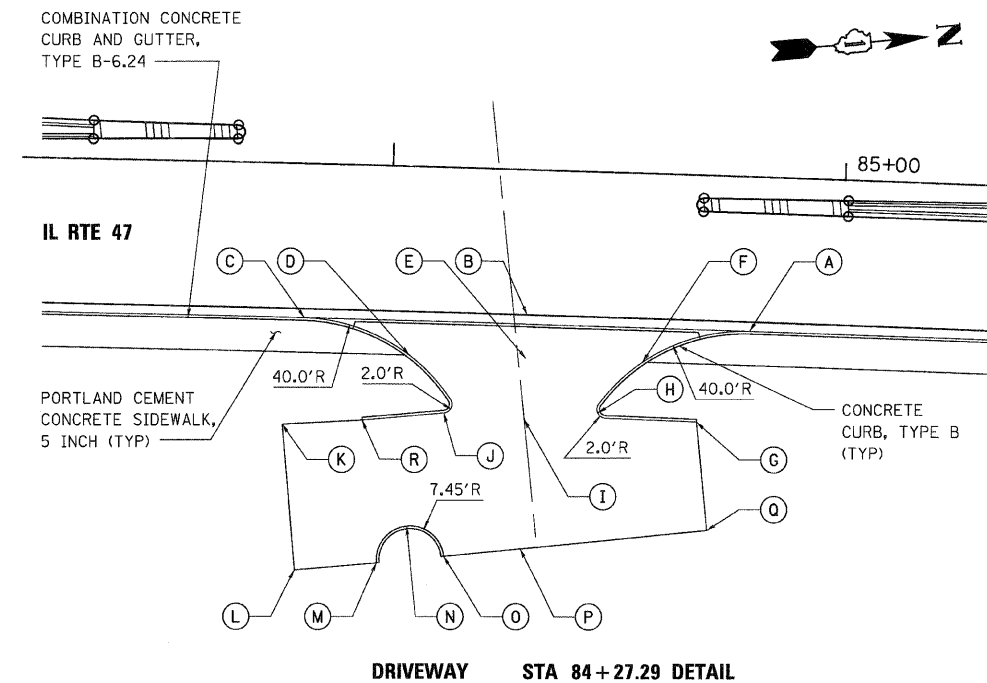
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL) DETAIL

POINT	STATION	OFFSET	ELEVATION
A	89+18.36	34.00'	883.94
B	88+73.66	34.00'	884.27
C	88+46.80	34.00'	884.50
D	88+58.25	41.58'	884.67
E	88+73.66	41.58'	884.54
F	88+97.47	41.58'	884.35
G	88+57.86	49.52'	884.84
H	88+90.25	53.01'	884.66
I	88+34.93	85.85'	886.28
J	87+97.37	81.04'	887.15
K	87+91.95	86.76'	887.36
L	88+36.20	61.73'	885.41
M	87+50.27	55.13'	886.28
N	87+24.03	55.28'	886.80
O	87+84.06	56.00'	886.50



DRIVEWAY AT STA 88 + 73.66 DETAIL

POINT	STATION	OFFSET	ELEVATION
A	84+79.88	34.0'	887.98
B	84+30.51	32.0'	888.43
C	83+81.14	34.0'	888.88
D	84+04.67	41.58'	888.81
E	84+30.51	41.58'	888.57
F	84+56.35	41.58'	888.33
G	84+68.75	54.45'	888.80
H	84+46.57	53.18'	888.72
I	84+30.51	55.00'	888.94
J	84+12.66	54.23'	889.23
K	83+76.89	57.62'	891.43
L	83+80.47	89.61'	MEET EX.
M	83+98.66	87.58'	892.99
N	84+05.14	79.24'	892.01
O	84+13.53	85.69'	891.04
P	84+30.51	83.52'	889.86
Q	84+71.79	78.17'	MEET EX.
R	83+94.59	56.27'	890.50



DRIVEWAY STA 84 + 27.29 DETAIL

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3659



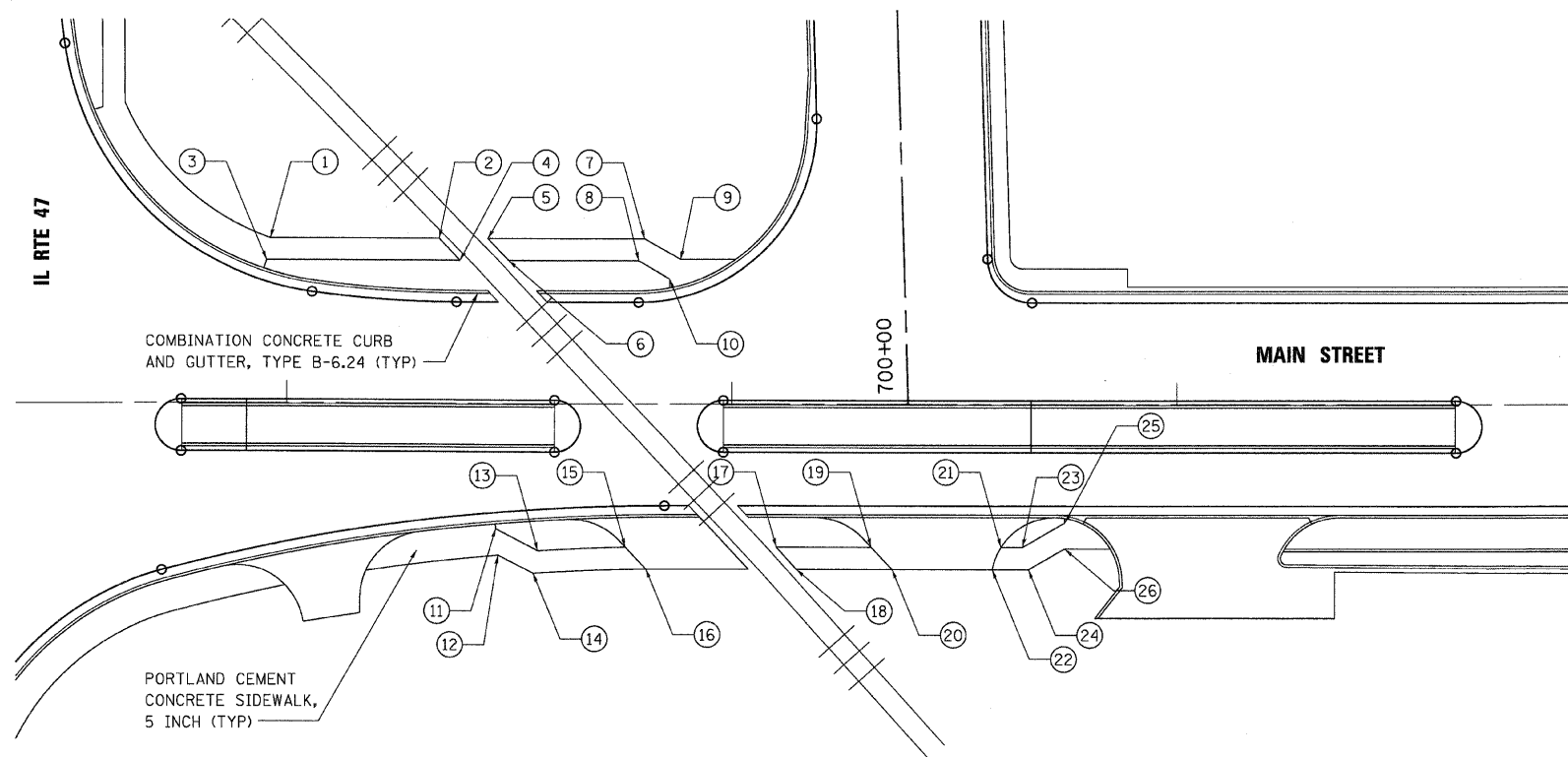
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MISCELLANEOUS ROADWAY DETAILS
 SHEET 1 OF 3

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

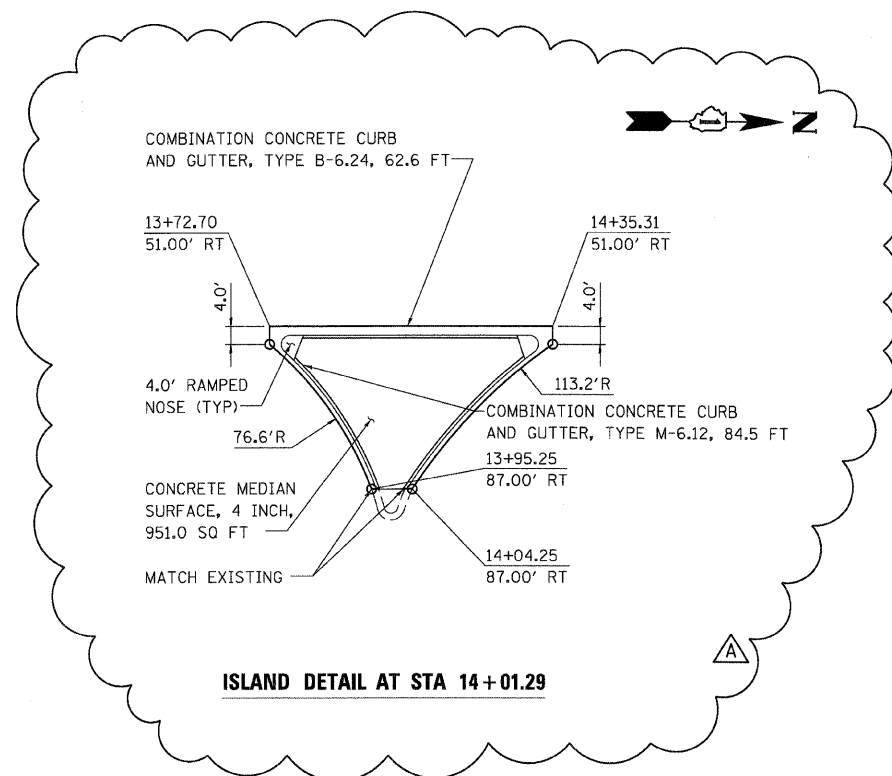
DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	246
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

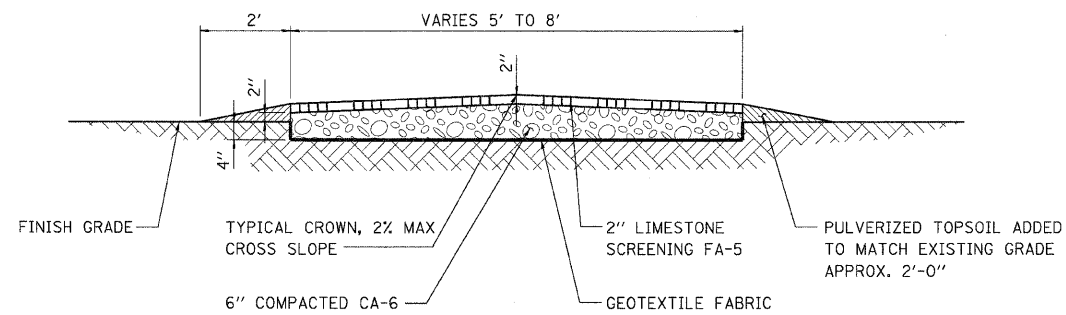


POINT	STATION	OFFSET
1	500+96.32	37.08' LT
2	501+34.22	37.08' LT
3	500+95.49	32.08' LT
4	501+38.91	32.08' LT
5	501+45.18	37.08' LT
6	501+49.87	32.08' LT
7	501+80.38	37.08' LT
8	501+79.04	32.08' LT
9	501+88.50	32.42' LT
10	501+85.97	28.10' LT
11	501+47.00	28.15' RT
12	501+47.51	34.04' RT
13	501+56.45	33.02' RT
14	501+55.40	38.10' RT
15	501+76.08	32.17' RT
16	501+80.70	37.10' RT
17	502+09.97	32.12' RT
18	502+14.49	37.12' RT
19	502+31.31	32.12' RT
20	502+35.99	37.12' RT
21	502+60.49	32.12' RT
22	502+58.51	37.12' RT
23	502+65.30	32.12' RT
24	502+66.64	37.12' RT
25	502+74.78	26.64' RT
26	502+74.78	32.42' RT

SIDEWALK DETAIL



ISLAND DETAIL AT STA 14+01.29



AGGREGATE BICYCLE PATH DETAIL

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

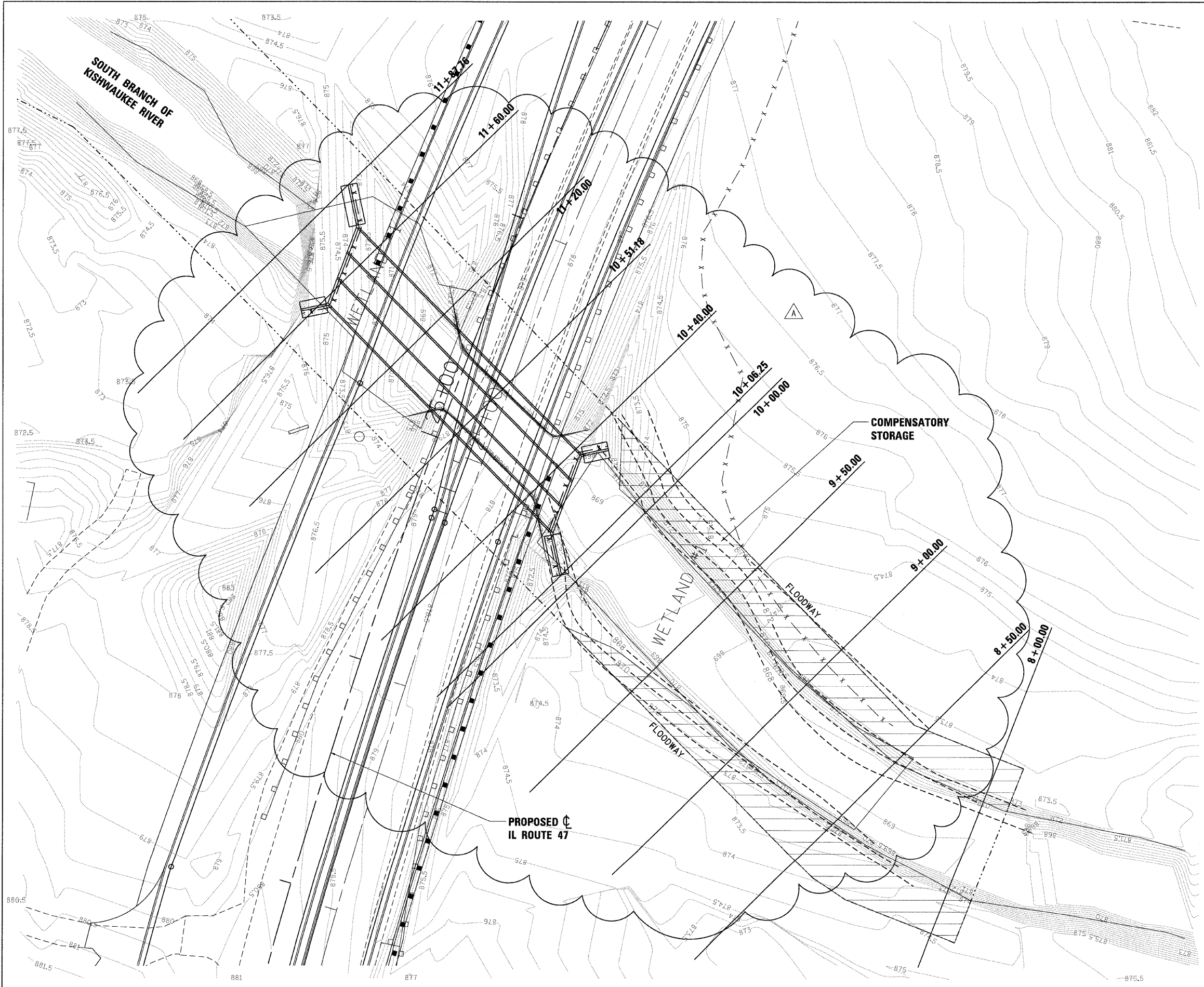
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MISCELLANEOUS ROADWAY DETAILS
SHEET 3 OF 3



SCALE: VERT. NO SCALE
 HORIZ. DATE: 10/27/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	249
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



LEGEND:

----- PROPOSED CONTOUR

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
COMPENSATORY STORAGE

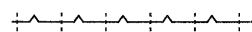
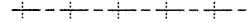
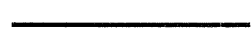







SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE: 8/5/2009

DRAWN BY: T.K.
 CHECKED BY: C.Z.

PLOT DATE = Thursday, December 17, 2009
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 USER NAME = 3676

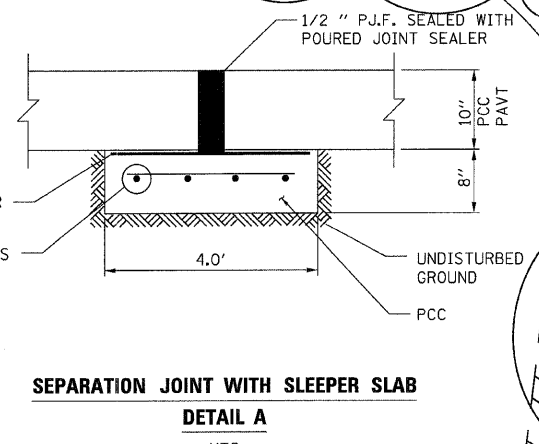
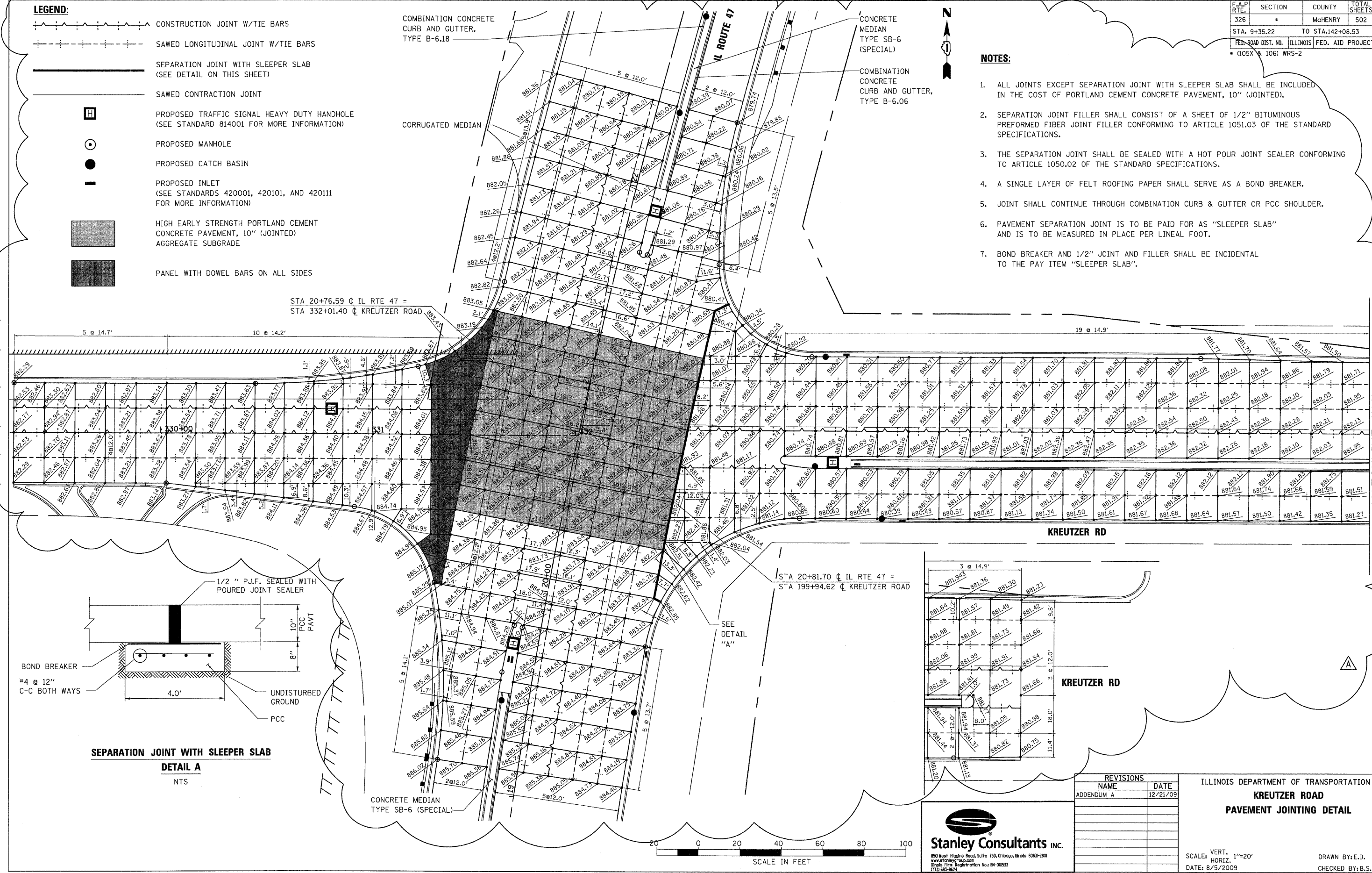
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	250
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(105X & 106) WRS-2				

LEGEND:

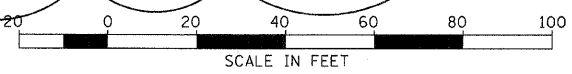
-  CONSTRUCTION JOINT W/TIE BARS
-  SAWED LONGITUDINAL JOINT W/TIE BARS
-  SEPARATION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
-  SAWED CONTRACTION JOINT
-  PROPOSED TRAFFIC SIGNAL HEAVY DUTY HANDHOLE (SEE STANDARD 814001 FOR MORE INFORMATION)
-  PROPOSED MANHOLE
-  PROPOSED CATCH BASIN
-  PROPOSED INLET (SEE STANDARDS 420001, 420101, AND 420111 FOR MORE INFORMATION)
-  HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) AGGREGATE SUBGRADE
-  PANEL WITH DOWEL BARS ON ALL SIDES

NOTES:

1. ALL JOINTS EXCEPT SEPARATION JOINT WITH SLEEPER SLAB SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED).
2. SEPARATION JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
3. THE SEPARATION JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
4. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
5. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
6. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE PER LINEAL FOOT.
7. BOND BREAKER AND 1/2" JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".



SEE DETAIL "A"



Stanley Consultants INC.
850 West Higgins Road, Suite 130, Chicago, Illinois 60633-2800
www.stanleyconsultants.com
Illinois State Registration No. 84-00633
173.652-264

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

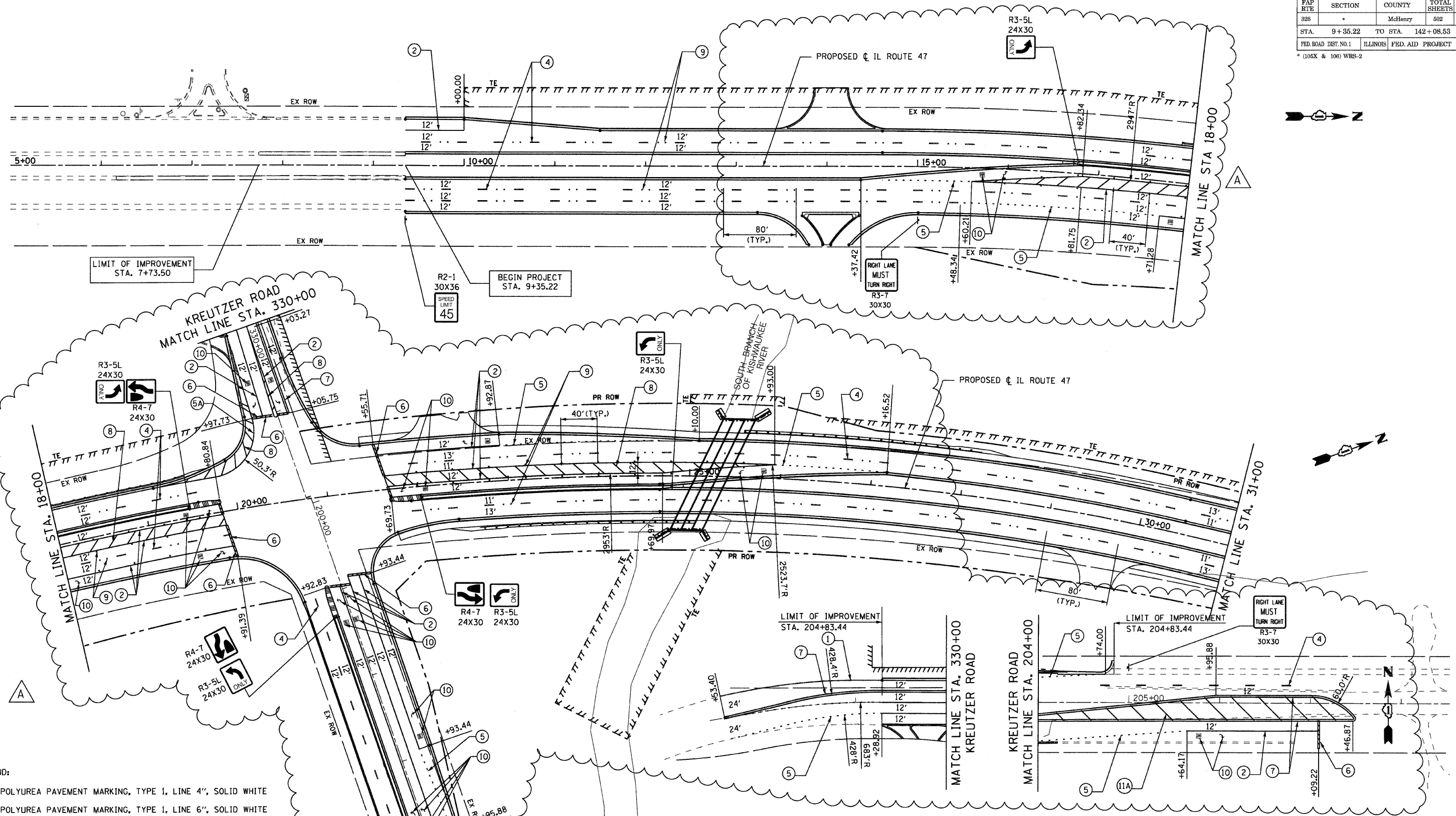
ILLINOIS DEPARTMENT OF TRANSPORTATION
**KREUTZER ROAD
PAVEMENT JOINTING DETAIL**

SCALE: VERT. 1"=20'
HORIZ. 1"=100'
DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: B.S.

PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\1-CADD\81-mh\250-1-rc.dwg\11a.kreutzer.dgn
PLOT SCALE = 20:1
USER NAME = 3659

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHenry	502	253
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

* (106X & 106) WRS-2



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE
- ⑩A POLYUREA PAVEMENT MARKING TYPE 1, SOLID YELLOW DIAGONAL LINE 12" (45°), AT 20' C-C

RHEO GROUP, P.C.
 Construction Management, Transportation Planning
 8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0369 FAX

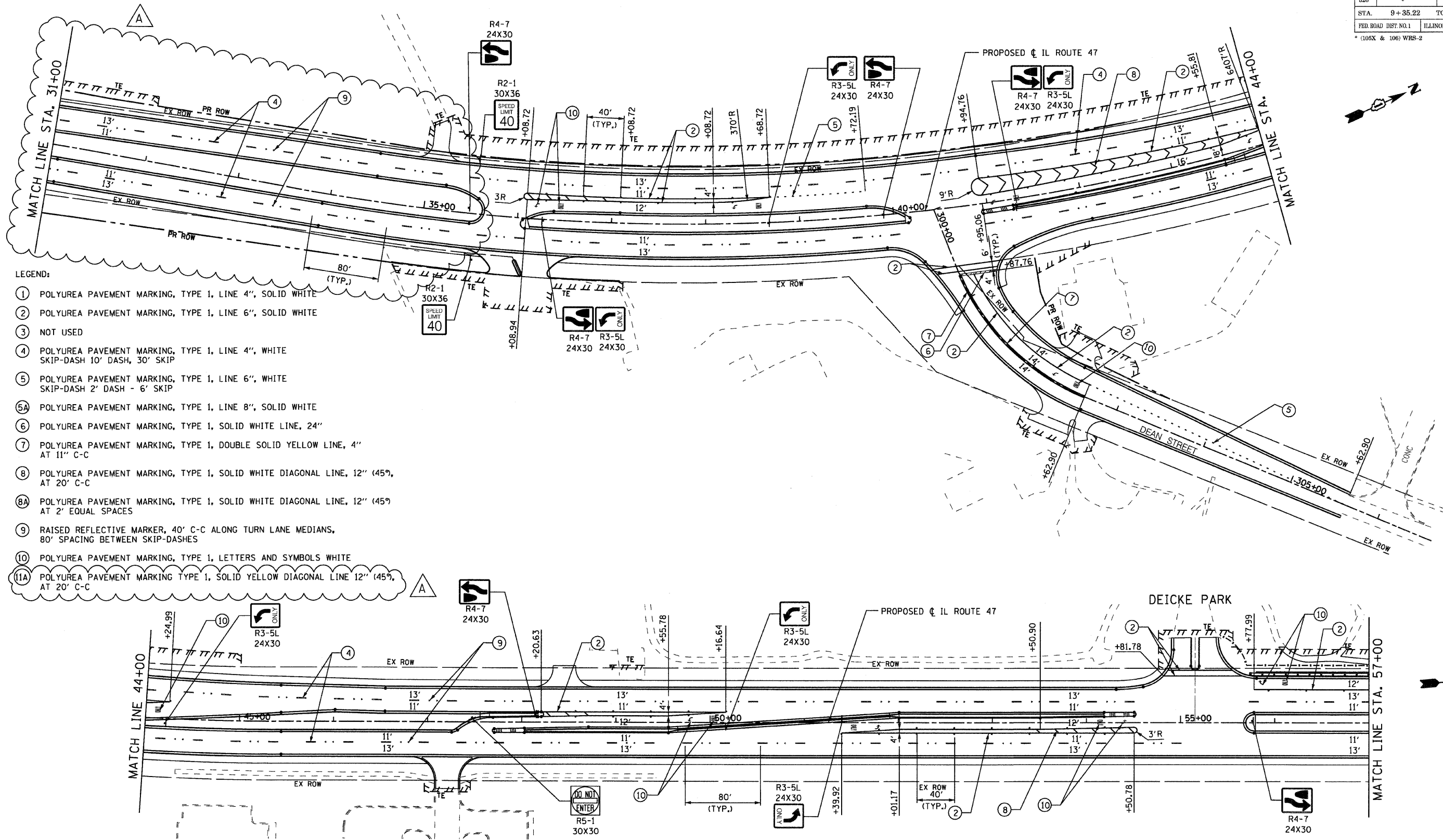
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD
PAVEMENT MARKING PLAN
 STA. 9+35.22 TO STA. 31+00
 SCALE: 1"=50'
 DATE: _____
 DRAWN BY: DS
 CHECKED BY: AW

12/16/2009 10:03:53 PM E:\proj\sect\mal_submitt\08234pvm01.dgn

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	*	McHenry	502	254
STA.	9+35.22	TO STA.	142+08.53	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (105X & 106) WRS-2



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE
- ⑩A POLYUREA PAVEMENT MARKING TYPE 1, SOLID YELLOW DIAGONAL LINE 12" (45°), AT 20' C-C

12/16/2009 10:05:25 PM E:\project\final_submit\cang234vym02.dgn

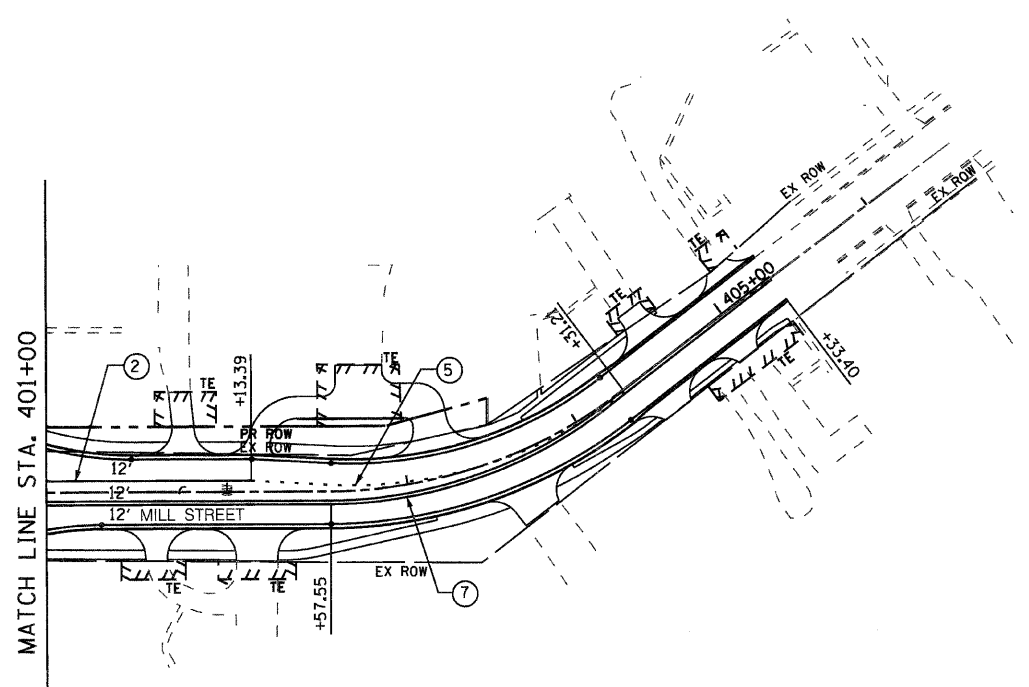
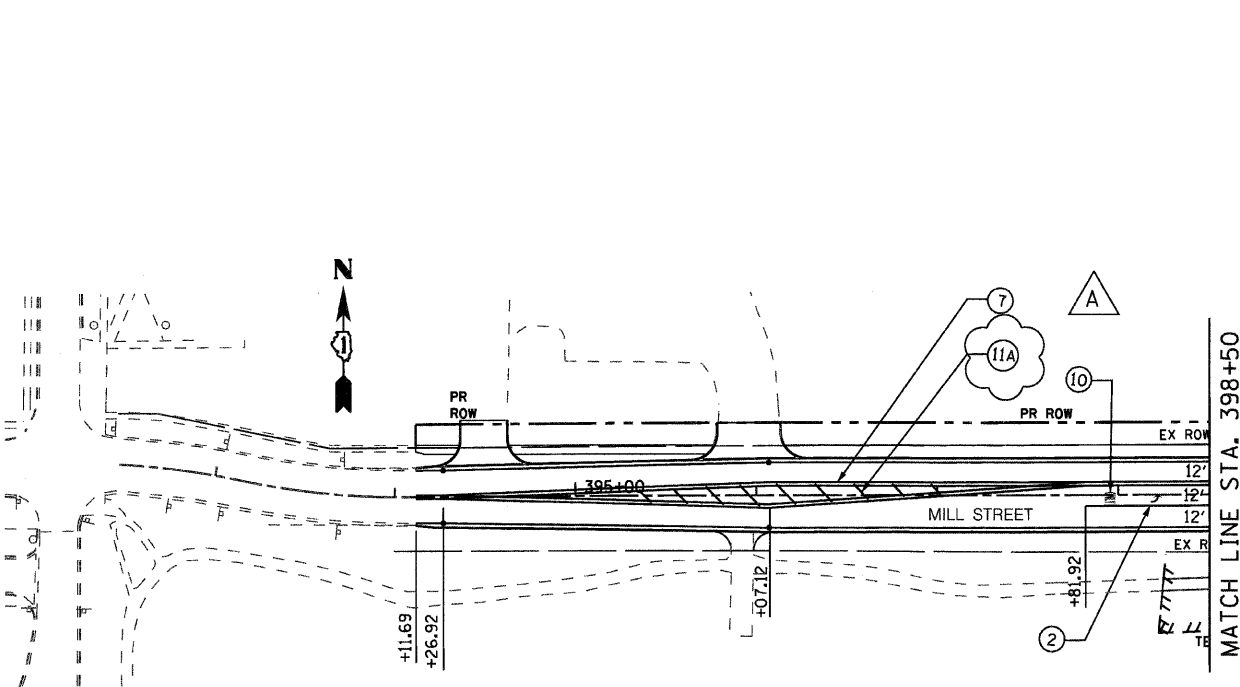
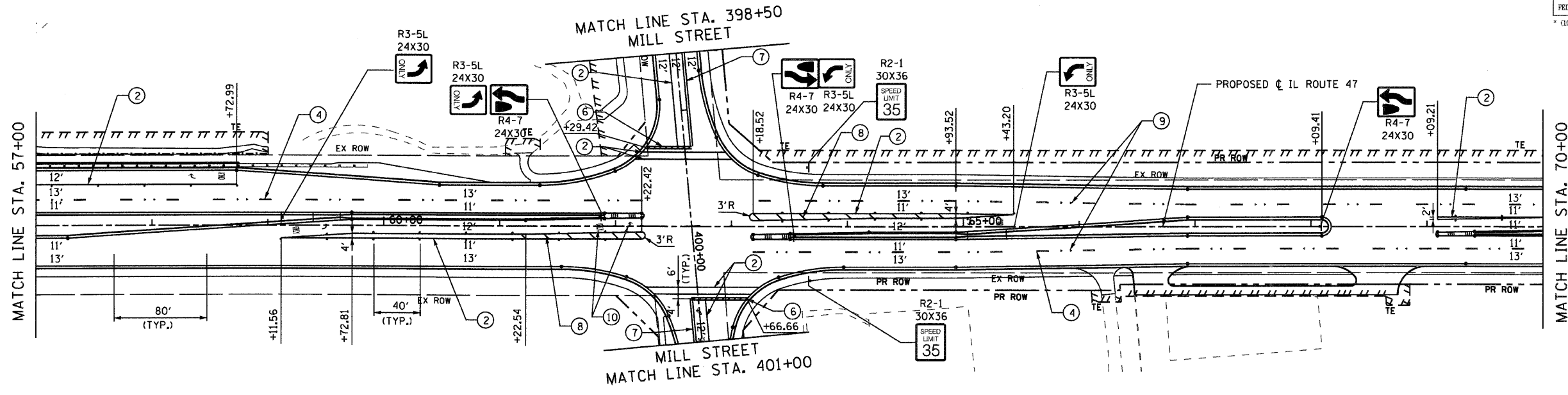
RHEO GROUP, P.C.
 Construction Management, Transportation Planning
 8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD
PAVEMENT MARKING PLAN
 STA. 31+00 TO STA. 57+00
 SCALE: 1" = 50'
 DATE: _____ DRAWN BY: DS
 CHECKED BY: AW

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHenry	502	255
STA	9+35.22	TO STA	142+08.53	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (105X & 106) WRS-2



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"

- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE
- ⑩A POLYUREA PAVEMENT MARKING TYPE 1, SOLID YELLOW DIAGONAL LINE 12" (45°) AT 20' C-C

RHEO GROUP, P.C.
Construction Management, Transportation Planning

8131 West Catherine Avenue
Chicago, Illinois 60656
773-774-9489
773-467-0359 FAX

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

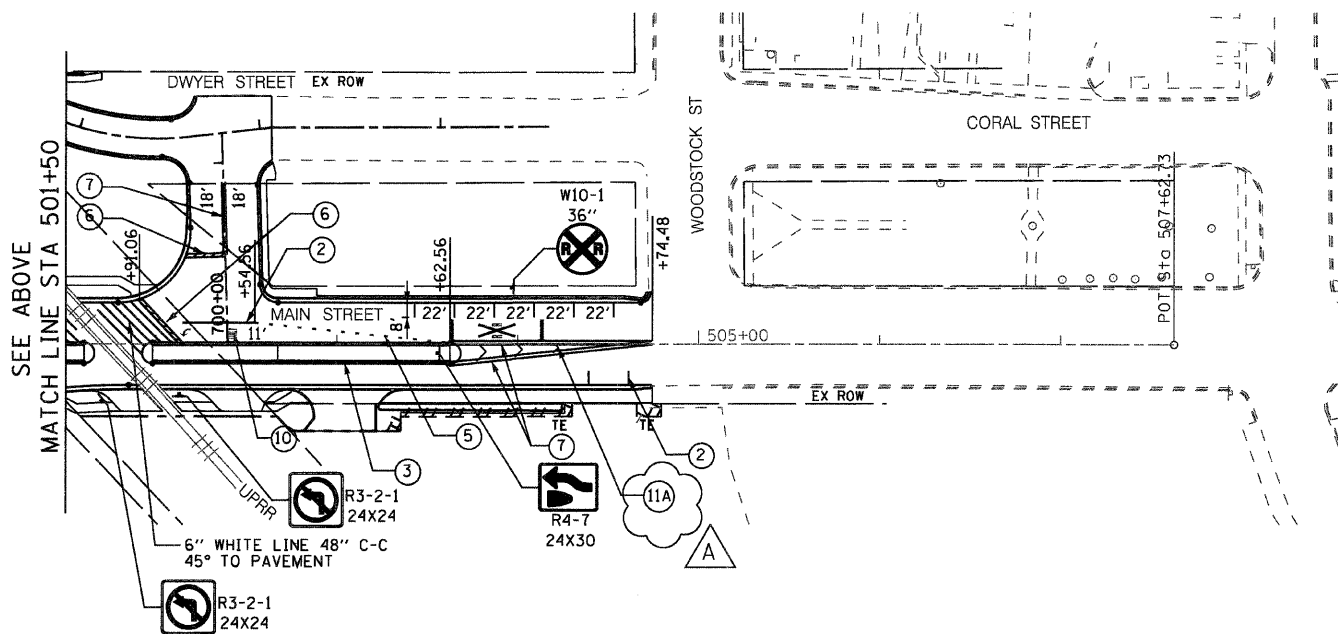
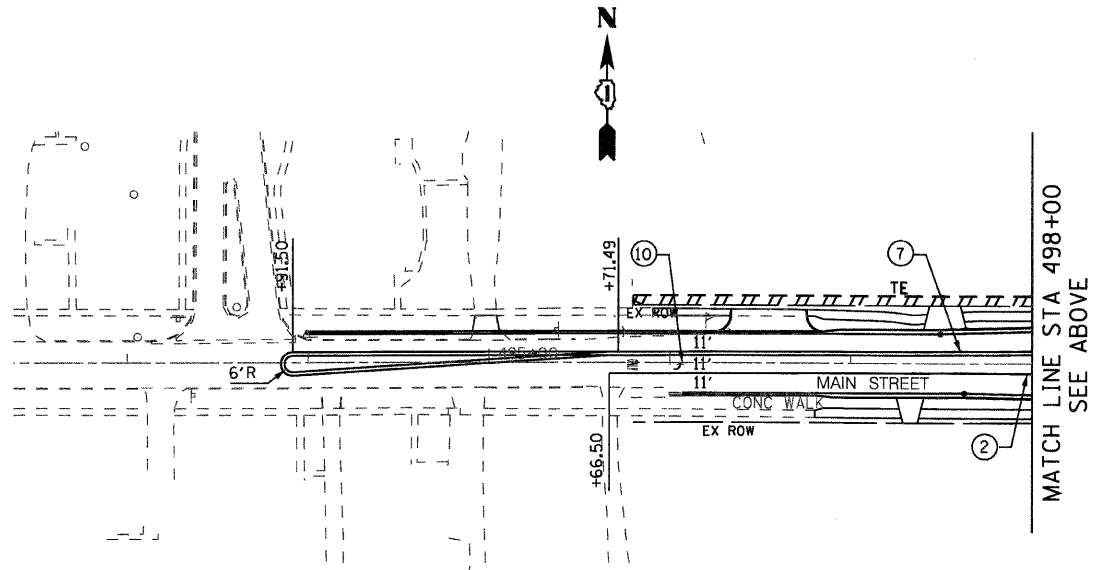
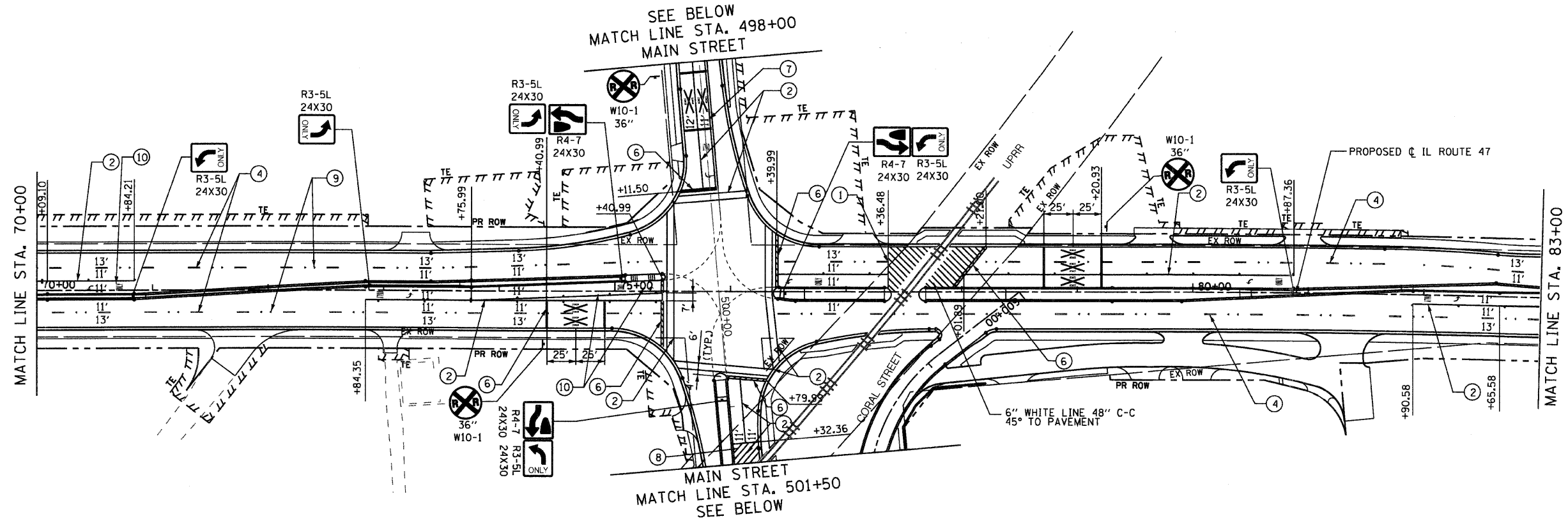
PAVEMENT MARKING PLAN
STA. 57+00 TO STA. 70+00
MILL STREET

SCALE: 1"=50'
DATE:

DRAWN BY: DS
CHECKED BY: AW

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHenry	502	256
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

* (106X & 106) WRS-2



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
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- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE
- ⑩A POLYUREA PAVEMENT MARKING TYPE 1, SOLID YELLOW DIAGONAL LINE 12" (45°) AT 20' C-C

RHEO GROUP, P.C.
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 773-467-0359 FAX

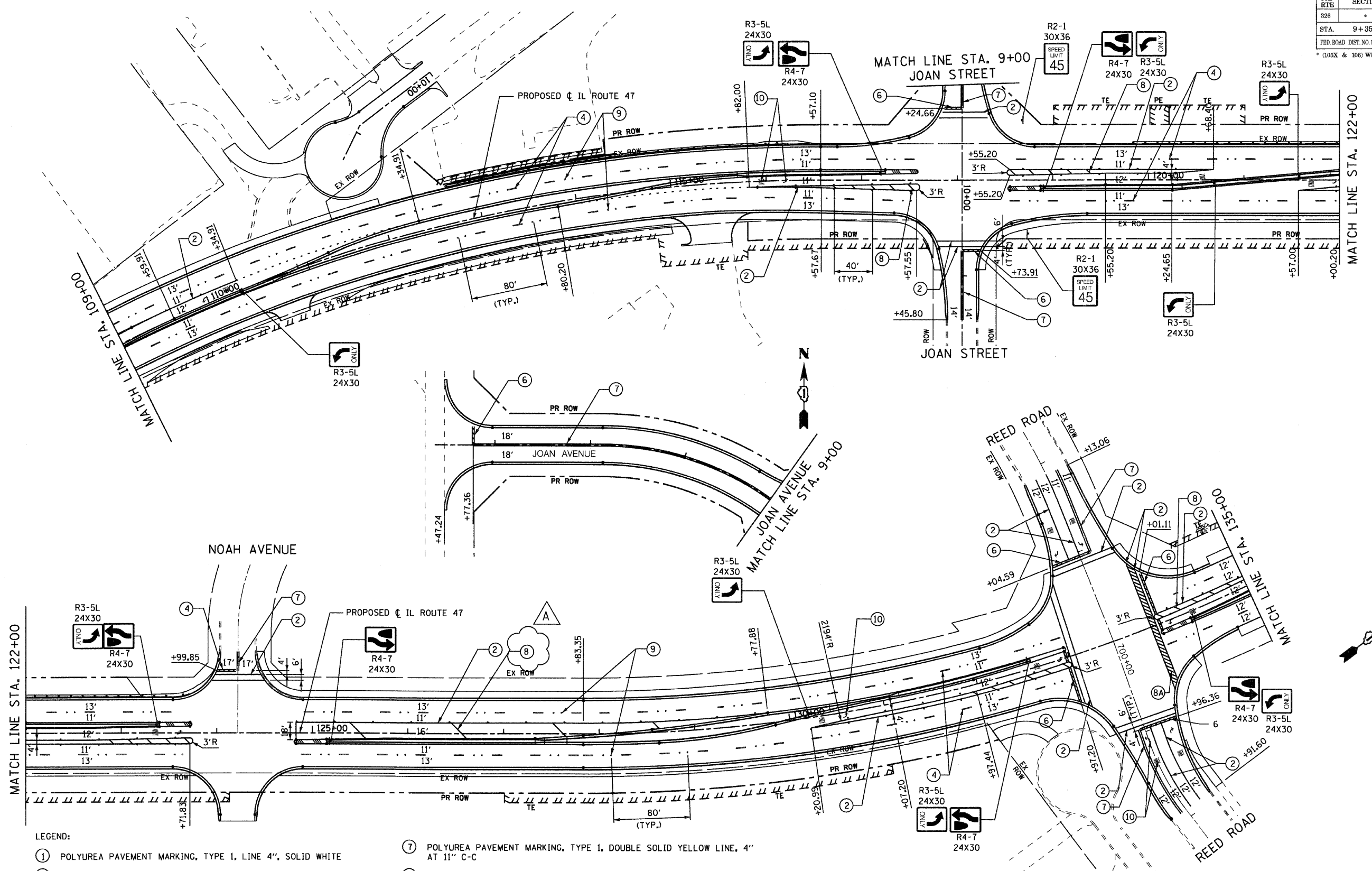
REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD
PAVEMENT MARKING PLAN
 STA. 70+00 TO STA. 83+00
 MAIN STREET
 SCALE: 1"=50'
 DATE: _____
 DRAWN BY: DS
 CHECKED BY: AW

12/16/2009 10:07:00 PM E:\projects\11\final_submit\11\11234pvm04.dgn

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHenry	502	258
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

* (105X & 106) WRS-2



- LEGEND:
- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
 - ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
 - ③ NOT USED
 - ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
 - ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
 - ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
 - ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
 - ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
 - ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
 - ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
 - ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
 - ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE
 - ⑩A POLYUREA PAVEMENT MARKING TYPE 1, SOLID YELLOW DIAGONAL LINE 12" (45°), AT 20' C-C

RHEO GROUP, P.C.
 Construction Management, Transportation Planning

8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

PAVEMENT MARKING PLAN
 STA. 109+00 TO STA. 135+00

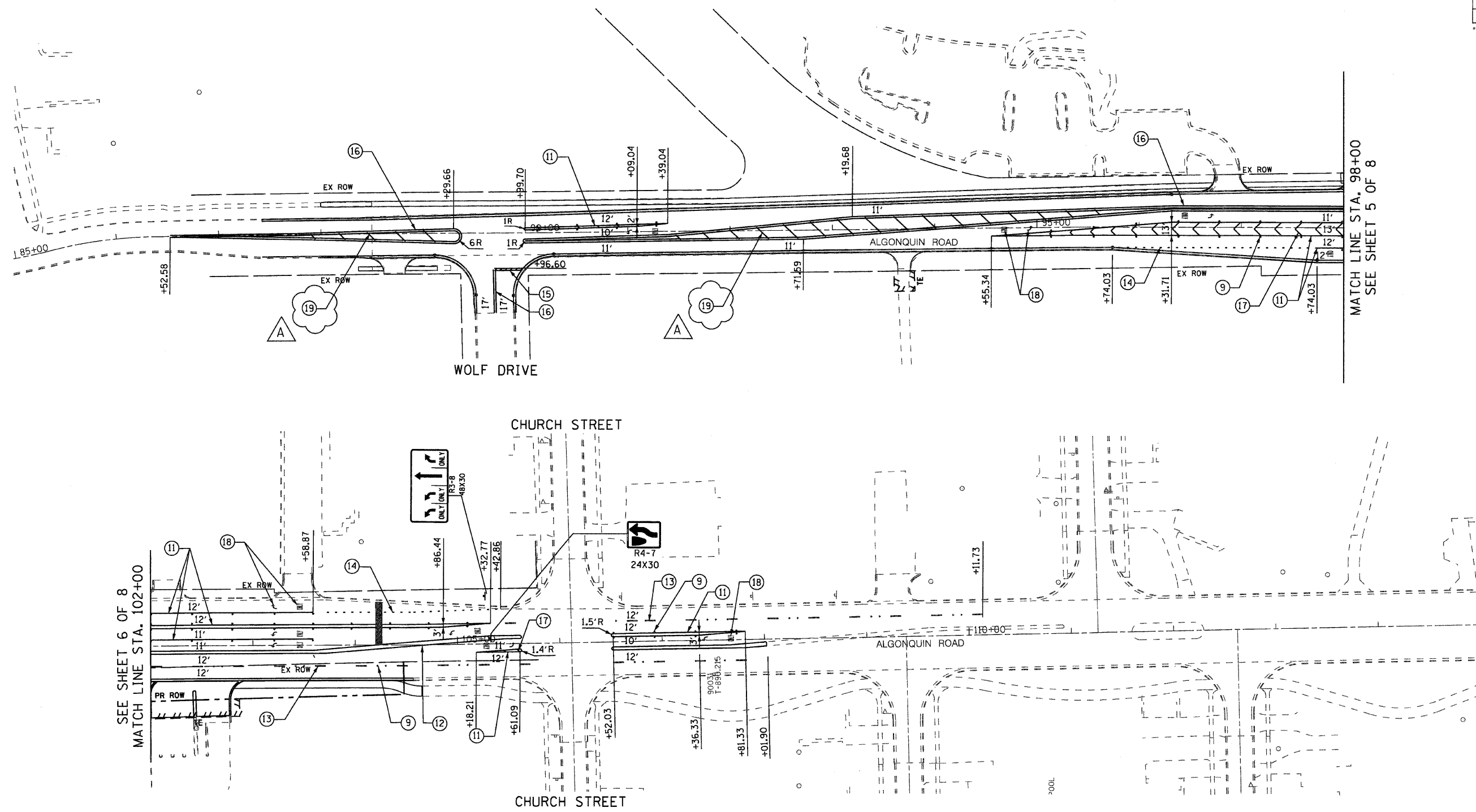
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 DATE: _____

DRAWN BY: DS
 CHECKED BY: AW

12/16/2009 10:09:05 PM E:\p\project\final\submit\img23\pvm06.dgn

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHenry	502	260
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

* (106X & 106) WR6-2



SEE SHEET 6 OF 8
MATCH LINE STA. 102+00

MATCH LINE STA. 98+00
SEE SHEET 5 OF 8

- LEGEND:**
- (11) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", SOLID WHITE
 - (12) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", SOLID YELLOW LINE
 - (13) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
 - (14) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
 - (15) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE LINE, 24"
 - (16) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C

- (17) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE DIAGONAL LINE, 12" (45°), 12" AT 20' C-C
- (18) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS WHITE
- (19) WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID YELLOW DIAGONAL LINE, 12" (45°), 12" AT 20' C-C
- (9) RAISED REFLECTIVE PAVEMENT MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES

RHEO GROUP, P.C.
Construction Management, Transportation Planning

8131 West Catherine Avenue
Chicago, Illinois 60656
773-774-9489
773-467-0359 FAX

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

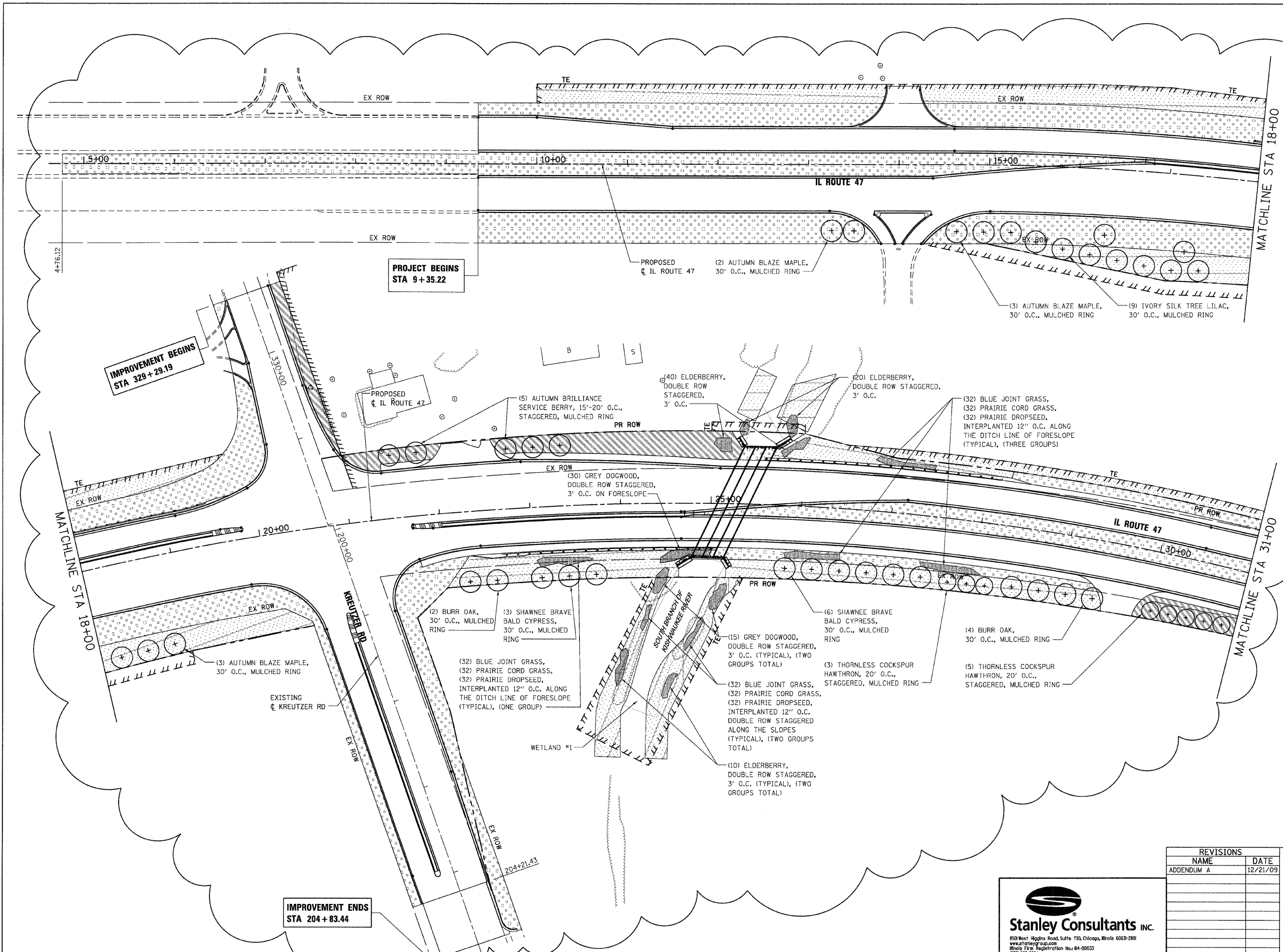
**PAVEMENT MARKING PLAN
ALGONQUIN ROAD**

SCALE: 1"=50'
DATE: _____

DRAWN BY: DS
CHECKED BY: AW

12/16/2009 10:10:08 PM E:\projects\final_submit\101234\pvm08.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	261
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				



LEGEND:

- SODDING SALT TOLERANT
- SEEDING, CLASS 2A
- SEEDING, CLASS 4

NOTE:

SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 1 OF 7



Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 685-3624

SCALE: VERT. 1"=50'
 HORIZ. DATE: 10/27/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

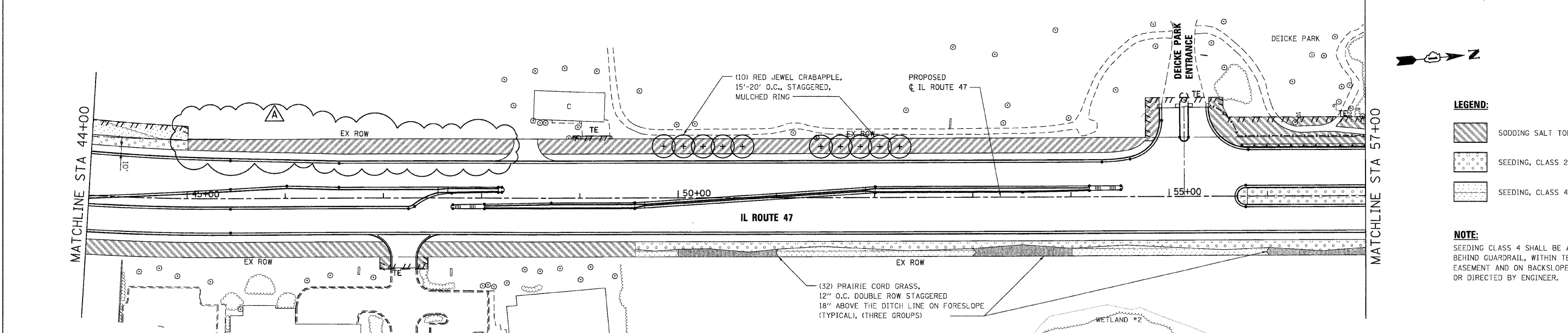
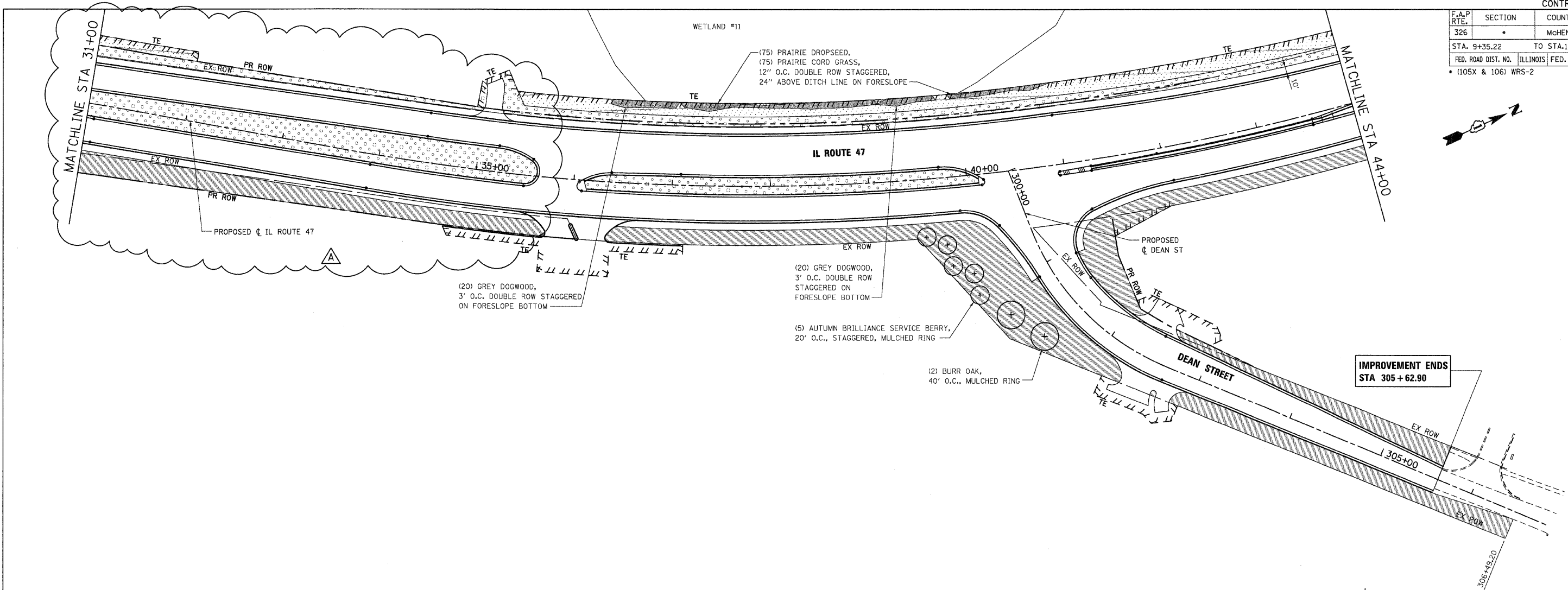
PLOT DATE = Thursday, December 17, 2009
 FILE NAME = S:\11-CADD\11-wr-112611-land-11.dgn
 PLOT SCALE = 50%
 USER NAME = 3619

IMPROVEMENT BEGINS
 STA 329 + 29.19

PROJECT BEGINS
 STA 9 + 35.22

IMPROVEMENT ENDS
 STA 204 + 83.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	262
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				



LEGEND:

- SODDING SALT TOLERANT
- SEEDING, CLASS 2A
- SEEDING, CLASS 4

NOTE:

SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\11-CADD\11-113\262_Landscaping.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = 3659

Stanley Consultants INC.
850 West Higgins Road, Suite 750, Chicago, Illinois 60630-2801
www.stanleygroup.com
Illinois Fire Registration No. 04-00533
(773) 693-3624

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 2 OF 7

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	263

STA. 9+35.22 TO STA. 142+08.53

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

• (105X & 106) WRS-2

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION
MILL STREET
MATCHLINE STA 398+00

MILL STREET
MATCHLINE STA 402+00
SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION
MAIN STREET
MATCHLINE STA 498+00

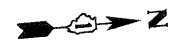
MAIN STREET
MATCHLINE STA 501+50
CORAL STREET
MATCHLINE STA 602+00

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION




PROPOSED
CL IL ROUTE 47

IL ROUTE 47

IL ROUTE 47



LEGEND:

-  SODDING SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

NOTE:

SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

REVISIONS		
NAME	DATE	
ADDENDUM A	12/21/09	

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 3 OF 7



Stanley Consultants Inc.
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2800
www.stanleyconsultants.com
Illinois Fire Registration No. 84-00653
(773) 653-9624

SCALE: VERT. 1"=50'
HORIZ. DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
FILE NAME = S:\11-CAD\11-VI-INT\2633_Landscaping.dwg
PLOT SCALE = 50%
USER NAME = 3519

MATCHLINE STA 57+00

MATCHLINE STA 70+00

MATCHLINE STA 70+00

MATCHLINE STA 83+00

(32) PRAIRIE CORD GRASS,
12" O.C. DOUBLE ROW STAGGERED
18" ABOVE THE DITCH LINE ON
FORESLOPE (TYPICAL), (ONE GROUP)

EXISTING CL MILL ST

CANOPY

WETLAND #4

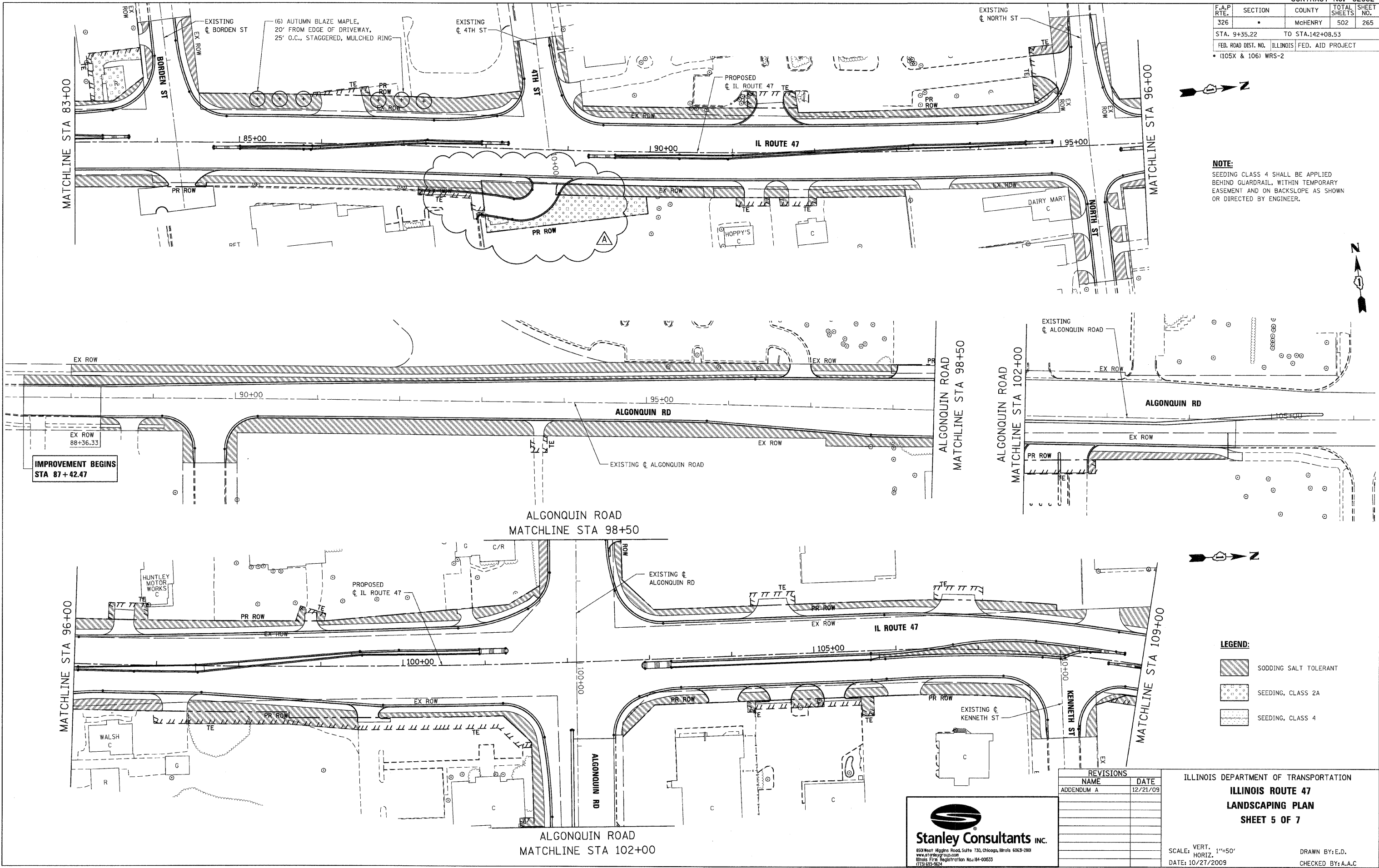
WETLAND #4

A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	265
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				



NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.



IMPROVEMENT BEGINS
STA 87+42.47

LEGEND:

	SODDING SALT TOLERANT
	SEEDING, CLASS 2A
	SEEDING, CLASS 4

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 5 OF 7

Stanley Consultants INC.
650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleygroup.com
Illinois Firm Registration No. 04-00533
(773) 651-5624

SCALE: VERT. 1"=50'
HORIZ. DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

PLOT DATE = Thursday, December 17, 2009
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PLOT SCALE = 1/8"=1'
USER NAME = 3619

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	273
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2



NOTES FOR TEMPORARY TRAFFIC SIGNALS

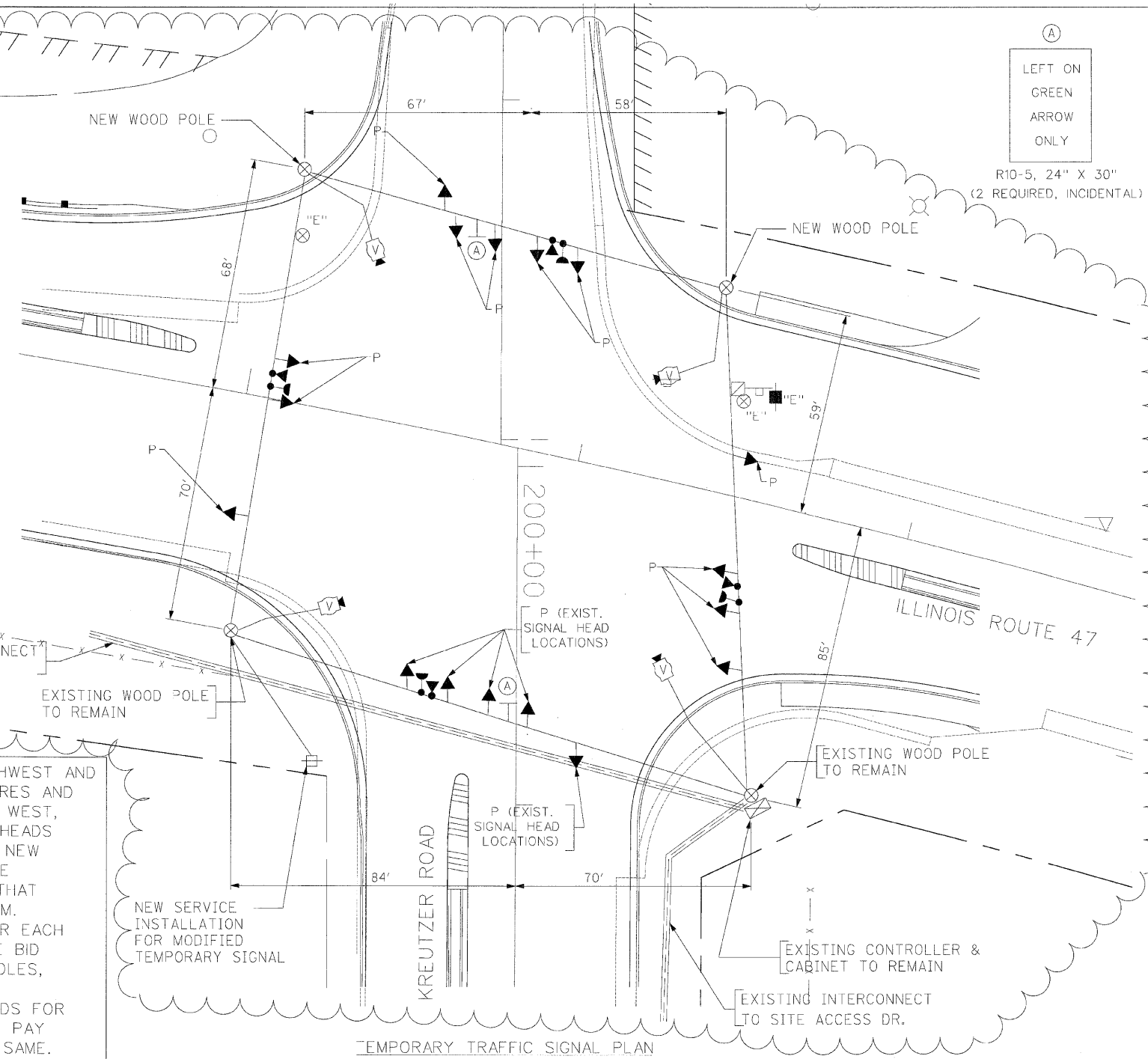
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. 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". 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.

THE CONTRACTOR SHALL INSTALL NEW WOOD POLES IN THE NORTHWEST AND SOUTHWEST CORNERS OF THE INTERSECTION ALONG WITH SPAN WIRES AND TETHER WIRES BETWEEN THE WOOD POLES CROSSING THE NORTH, WEST, AND SOUTH LEGS OF THE INTERSECTION. THE APPLICABLE SIGNAL HEADS AND VIDEO DETECTION EQUIPMENTS SHALL BE RELOCATED TO THE NEW SPANS AND CONNECTED TO THE NEW CABLES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE ACCOMPLISHED IN A MANNER SO THAT THE INTERRUPTION OF THE SIGNAL SERVICES IS KEPT TO A MINIMUM. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION". AND THE BID PRICE SHALL INCLUDE THE SALVAGE VALUE OF THE TWO WOOD POLES, APPLICABLE SPAN WIRES AND TETHER WIRES, AND CABLES TO BE REMOVED. THE MODIFICATION AND RELOCATION OF THE SIGNAL HEADS FOR VARIOUS CONSTRUCTION STAGES SHALL ALSO BE INCLUDED IN THIS PAY ITEM AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE SAME.

AFTER THE ILLINOIS ROUTE 47 CONSTRUCTION IS OVER, THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY:

VILLAGE OF HUNTLEY		
CONTACT INFORMATION:		
MR. WILLIAM GEEGAN		
VILLAGE OF HUNTLEY		
ENGINEERING DEPARTMENT		
PHONE: (847) 515-5210		
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER



LEFT ON GREEN ARROW ONLY
R10-5, 24" X 30"
(2 REQUIRED, INCIDENTAL)

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
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ← EXISTING SIGNAL TO BE REMOVED
- ⊞ "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊞ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING HANDHOLE TO BE REMOVED
- ⊞ "E" EXISTING DOUBLE HANDHOLE TO BE REMOVED
- ⊞ PEDESTRIAN SIGNAL TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊞ CONFIRMATION BEACON TO BE REMOVED
- ⊞ "E" EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING TEMPORARY WOOD POLE (CLASS 5 OR BETTER) TO BE REMOVED

TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: PRE-STAGE.

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

CONSTRUCTION NOTES:

- NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE S1 THROUGH CONSTRUCTION STAGE 2B.
- NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 47 AT KREUTZER ROAD PRE STAGE (SHEET 1 OF 7)

SCALE: 1"=20'
DATE: APRIL 17, 2009
DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GA GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5900

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	275
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

• (105X & 106) WRS-2

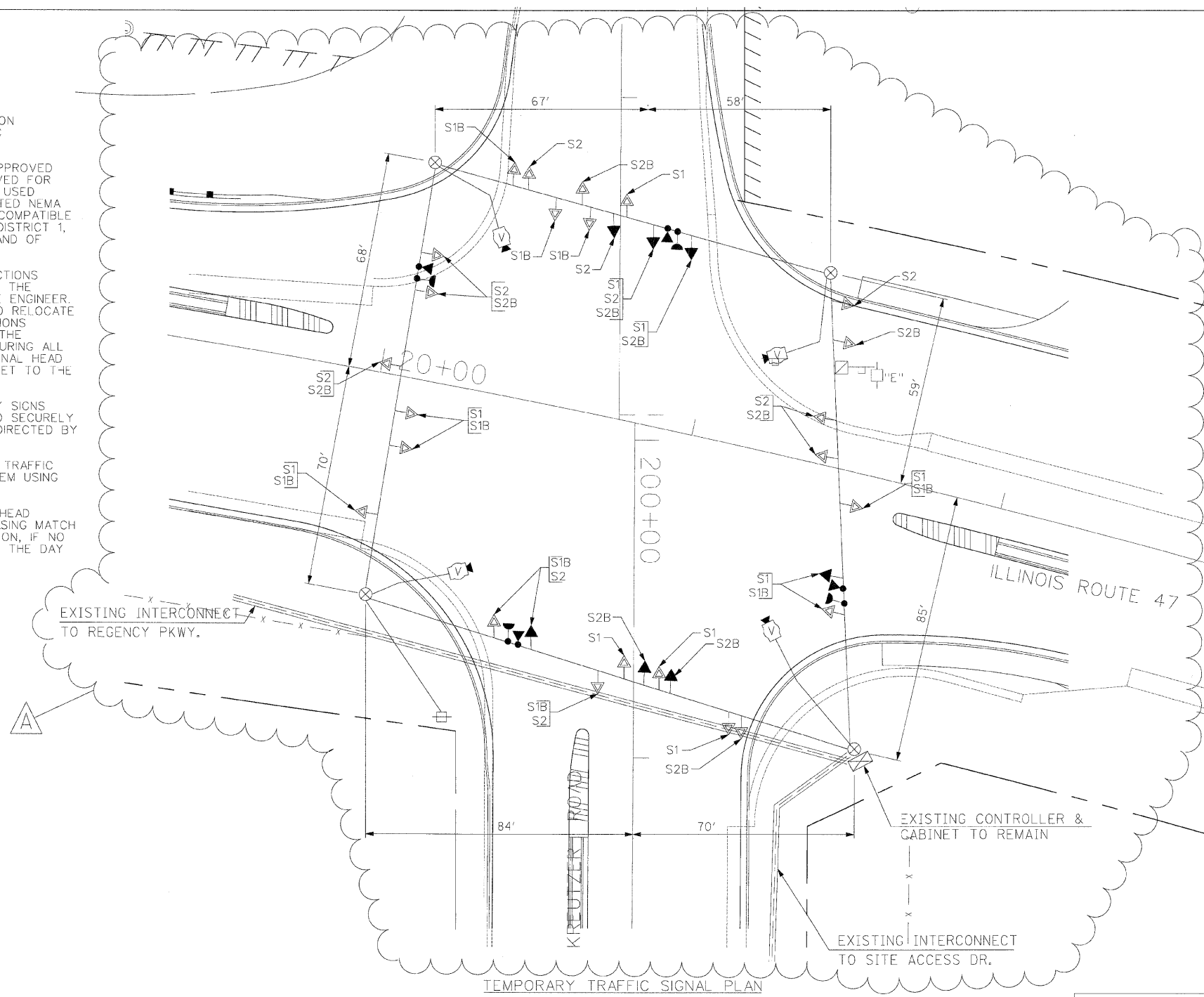


TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ 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
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- ⊞ G.S. CONDIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY

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". 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.



STAGES: STAGE1, STAGE 1B, STAGE 2, AND STAGE 2B

CONSTRUCTION NOTES:

- NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE S1 THROUGH CONSTRUCTION STAGE 2B.
- NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

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

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION ILLINOIS ROUTE 47 AT KREUTZER ROAD STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B (SHEET 3 OF 7)

GA GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 5035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

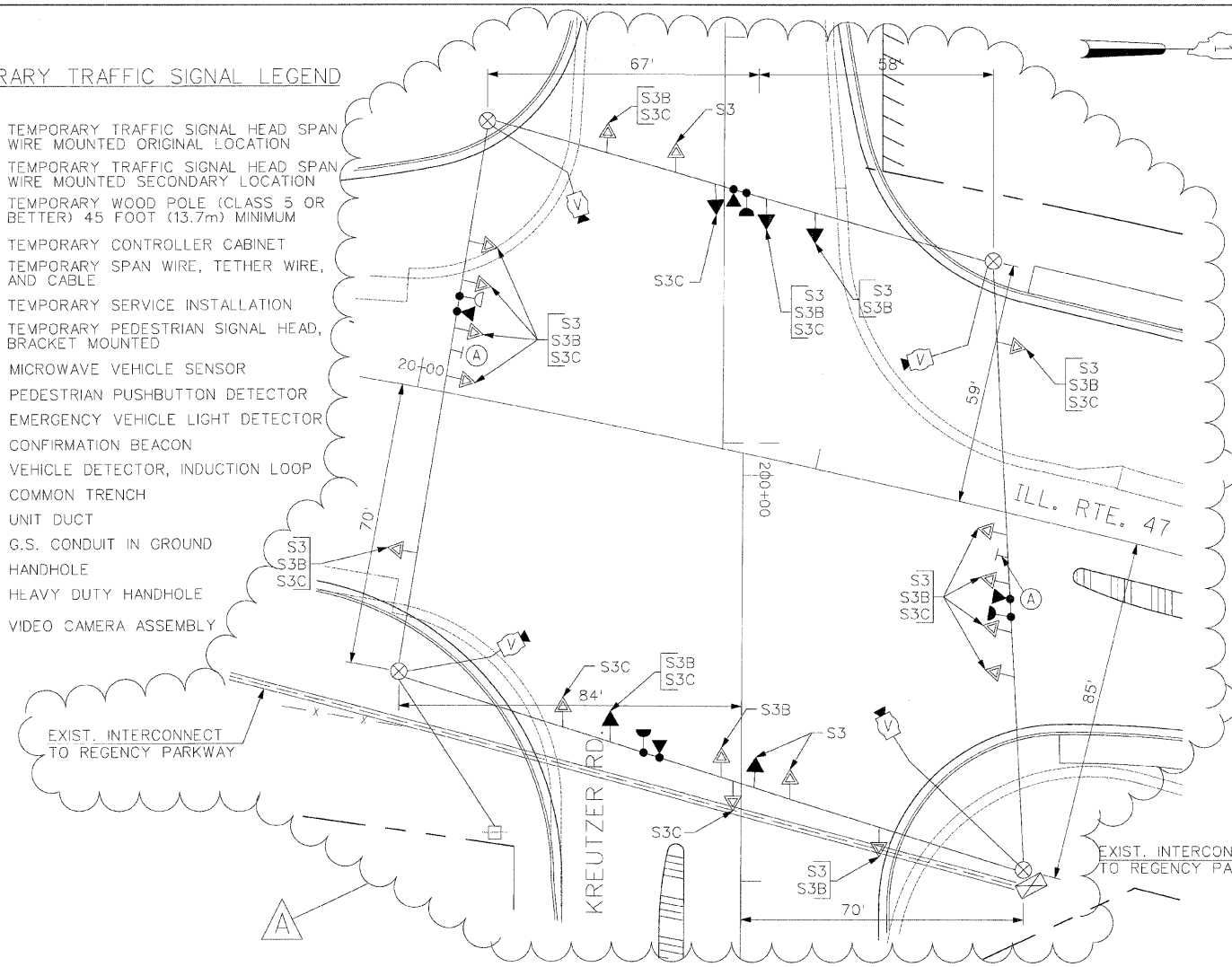
SCALE: 1"=20'
 DATE: APRIL 17, 2009
 DRAWN BY: MAA
 DESIGNED BY: PKG/RRM
 CHECKED BY: PKG/RRM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	277
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

• (105X & 106) WRS-2

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
- ⊕ MICROWAVE VEHICLE SENSOR
- ⊕ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊕ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊕ CONFIRMATION BEACON
- ⊕ VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- ⊕ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- ⊕ VIDEO CAMERA ASSEMBLY

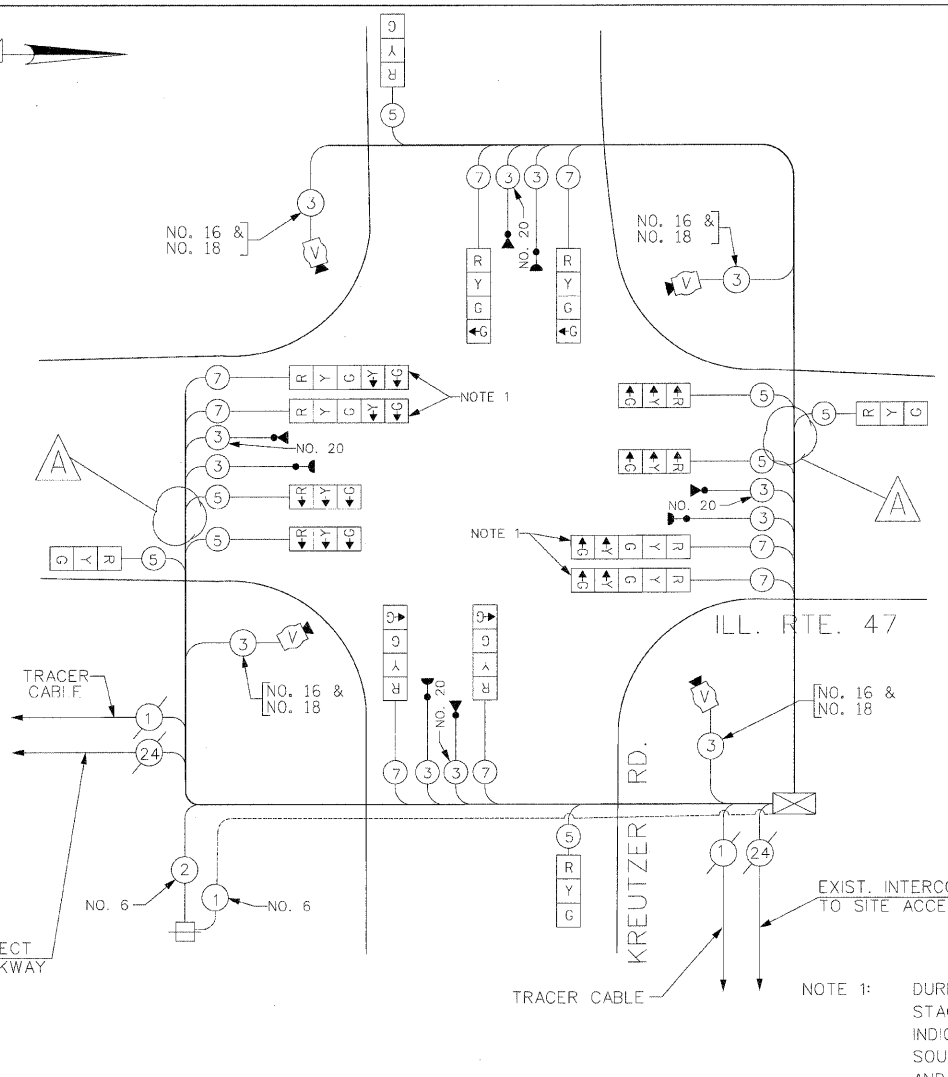


TEMPORARY TRAFFIC SIGNAL PLAN
(SCALE: 1"=20')
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C

(A)
LEFT ON GREEN ARROW ONLY
R10-5, 24" X 30"
(2 REQUIRED, INCIDENTAL)

TEMPORARY CABLE DIAGRAM LEGEND

- ⊕ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ☒ 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 CAMERA ASSEMBLY
- ⊕ CO-AXIAL VIDEO CABLE



TEMPORARY CABLE PLAN
(NOT TO SCALE)
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C

- NOTE 1: DURING CONSTRUCTION STAGES STAGE 3, STAGE 3B, AND STAGE 3C, THE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS FOR THE NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER. THEY SHALL BE UNBAGGED AND CONNECTED AFTER CONSTRUCTION STAGE 3C AS DIRECTED BY THE ENGINEER.
- NOTE 2: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 3: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16	35	17	0.50	136
(YELLOW)	16	35	25	0.25	100
ARROW (GREEN)	20	35	15	0.25	75
PED. SIGNAL		35	12	0.10	
CONTROLLER	1	90	25	1.00	100
ILLUM. SIGN		100	100	0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 411
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: KATIE OLIVA PHONE: (847) 608-2338 COMPANY: COMED					

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN, TEMPORARY CABLE PLAN
ILLINOIS ROUTE 47 AT KREUTZER ROAD
STAGE 3, STAGE 3B, AND STAGE 3C
(SHEET 5 OF 7)

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

SCALE: 1"=20'
DATE: APRIL 17, 2009
DRAWN BY: ME,MA,YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

ga GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

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12/16/2009
6149631.PDM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	279
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

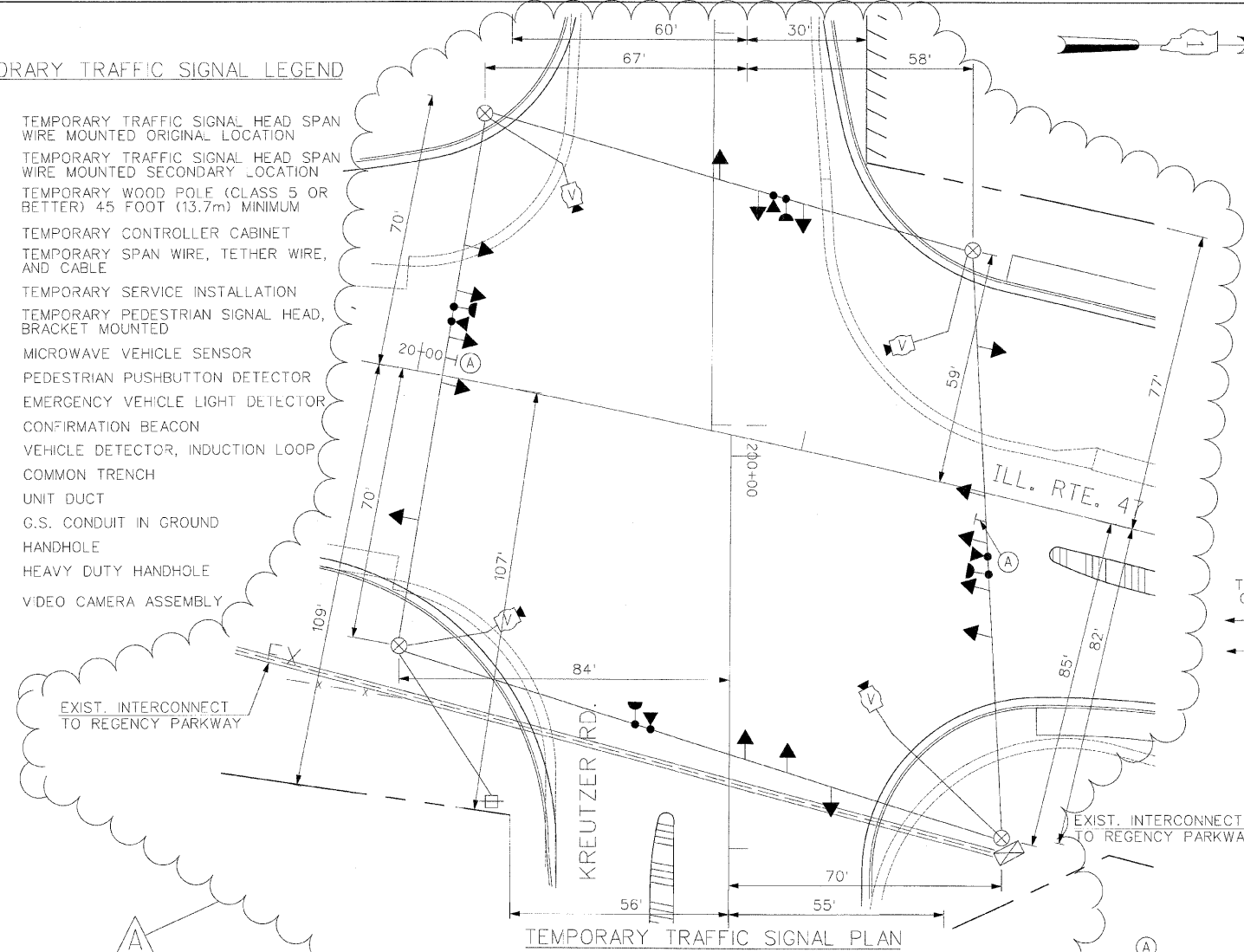
• (105X & 106) WRS-2

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
- ⊞ MICROWAVE VEHICLE SENSOR
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY

TEMPORARY CABLE DIAGRAM LEGEND

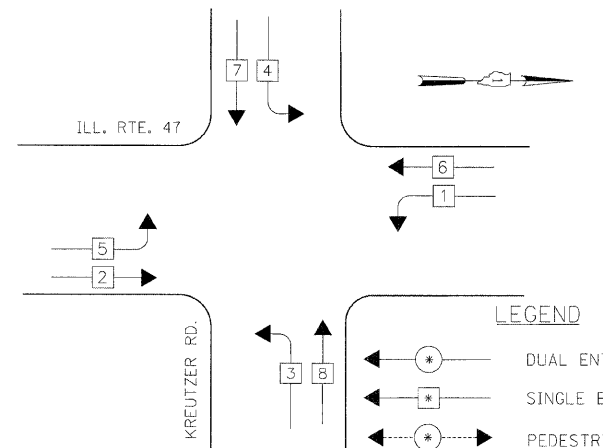
- ⊞ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⊞ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ⊞ VIDEO CAMERA ASSEMBLY
- ⊞ CO-AXIAL VIDEO CABLE



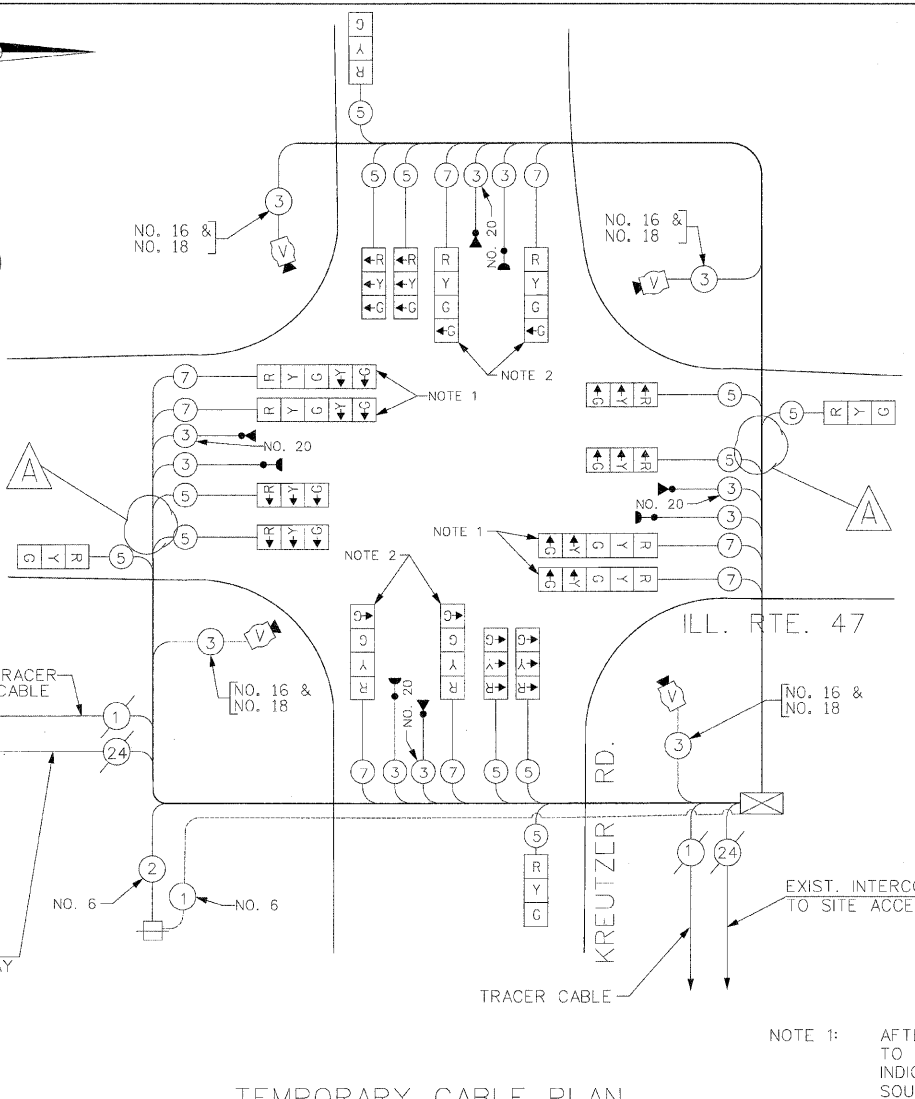
TEMPORARY TRAFFIC SIGNAL PLAN
(SCALE: 1"=20')

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

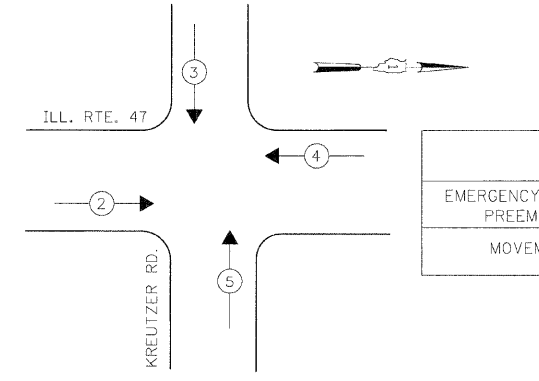


TEMPORARY CABLE PLAN
(NOT TO SCALE)

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

R10-5, 24" X 30"
(2 REQUIRED, INCIDENTAL)

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	2	3	4	5
MOVEMENT	→	↓	←	↑

- NOTE 1: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC, THE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS FOR THE NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER.
- NOTE 2: THE GREEN LEFT ARROW SECTION IN THE FOUR (4) SECTION SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC.
- NOTE 3: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 4: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION		
SIGNAL (RED)	20	135	17	0.50		170
(YELLOW)	20	135	25	0.25		125
(GREEN)	24	135	15	0.25		90
ARROW		135	12	0.10		
PED. SIGNAL		90	25	1.00		
CONTROLLER	1	100	100	1.00		100
ILLUM. SIGN				0.05		
FLASHER					0.50	
ENERGY COS'S TO:						TOTAL = 485

ENERGY SUPPLY CONTACT: KATIE OLIVA
PHONE: (847) 608-2338
COMPANY: COMED

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN, TEMPORARY CABLE PLAN
ILLINOIS ROUTE 47 AT KREUTZER ROAD
AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC
(SHEET 7 OF 7)

SCALE: 1"=20'
DATE: APRIL 17, 2009

DRAWN BY: ME/MA,YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

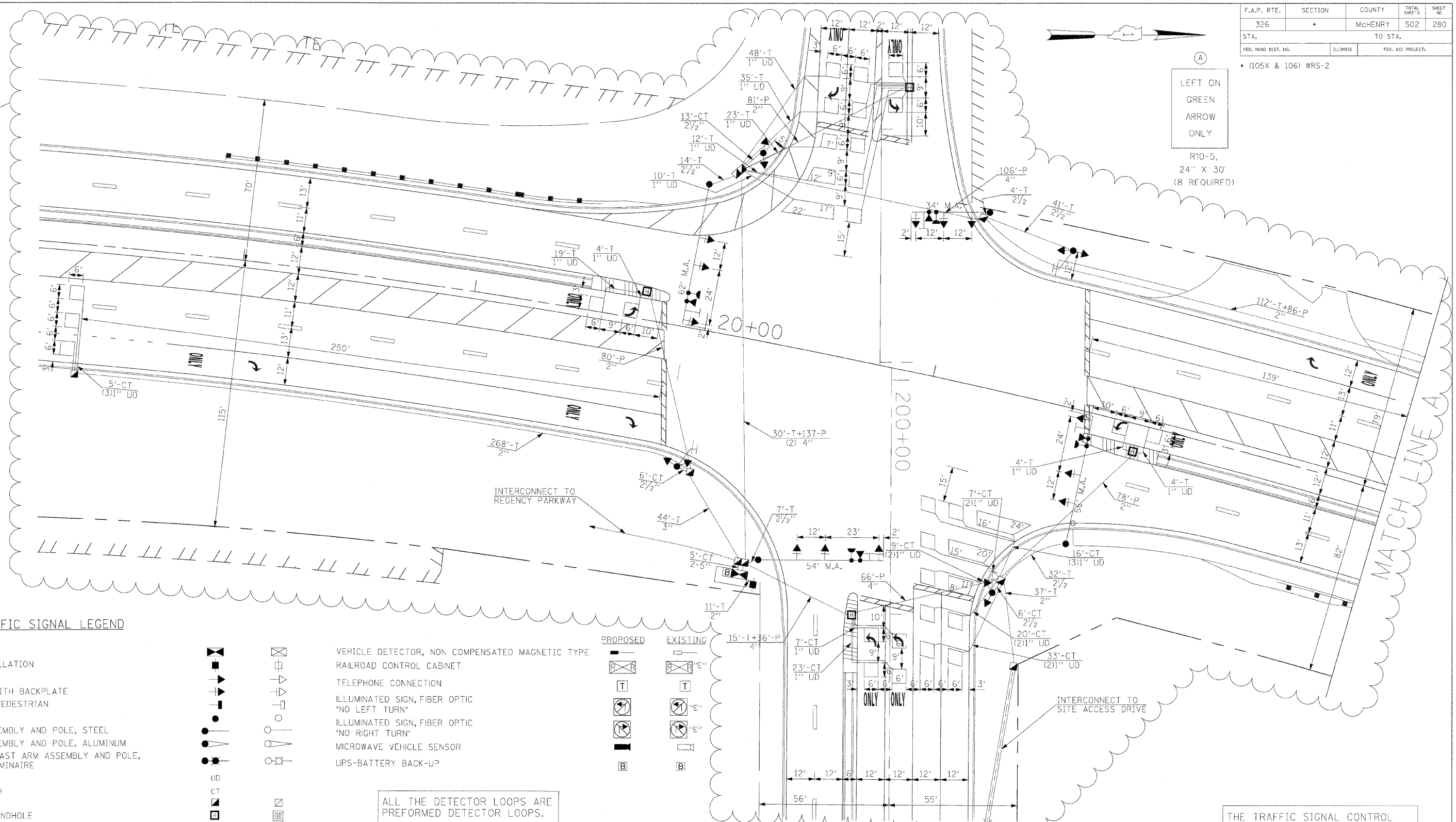
GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
8035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	280
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

• (105X & 106) WRS-2

LEFT ON
GREEN
ARROW
ONLY

R10-5,
24" X 30"
(8 REQUIRED)



TRAFFIC SIGNAL LEGEND

- | | | | |
|--|--|---|--|
| CONTROLLER SERVICE INSTALLATION | | VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | |
| SIGNAL HEAD | | RAILROAD CONTROL CABINET | |
| SIGNAL HEAD WITH BACKPLATE | | TELEPHONE CONNECTION | |
| SIGNAL HEAD, PEDESTRIAN | | ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN" | |
| SIGNAL POST | | ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN" | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | MICROWAVE VEHICLE SENSOR | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | UPS-BATTERY BACK-UP | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | | |
| UNIT DUCT | | | |
| COMMON TRENCH | | | |
| HANDHOLE | | | |
| HEAVY DUTY HANDHOLE | | | |
| DOUBLE HANDHOLE | | | |
| GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED | | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | | |
| DETECTOR LOOP | | | |
| CAST IRON JUNCTION BOX | | | |
| EMERGENCY VEHICLE SYSTEM DETECTOR | | | |
| CONFIRMATION BEACON | | | |
| SIGNAL HEAD, OPTICALLY PROGRAMMED | | | |
| CONDUIT SPLICE | | | |
| WOOD POLE | | | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | | |

ALL THE DETECTOR LOOPS ARE PREFORMED DETECTOR LOOPS.

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

NOTE 1:
THE CONTRACTOR SHALL CONSTRUCT THE HANDHOLE IN SUCH A MANNER THAT IT WILL INTERCEPT THE EXISTING INTERCONNECT CONDUIT. PRIOR TO CUTTING THE EXISTING CONDUIT IN THE HANDHOLE, THE INTERCONNECT AND TRACER CABLES SHALL BE DISCONNECTED AT THE CONTROLLER AT THE INTERSECTION OF ILLINOIS ROUTE 47 AND KREUTZER ROAD AND PULLED BACK TO THE EAST OF THE HANDHOLE. THE CABLES SHALL, THEN BE CONNECTED BACK INTO THE CONTROLLER. THE TIME DURATION OF THE INTERRUPTION IN THE SERVICE SHALL BE KEPT TO A MINIMUM.

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

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47 AT KREUTZER ROAD
(SHEET 1 OF 2)

SCALE: 1"=20'
DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

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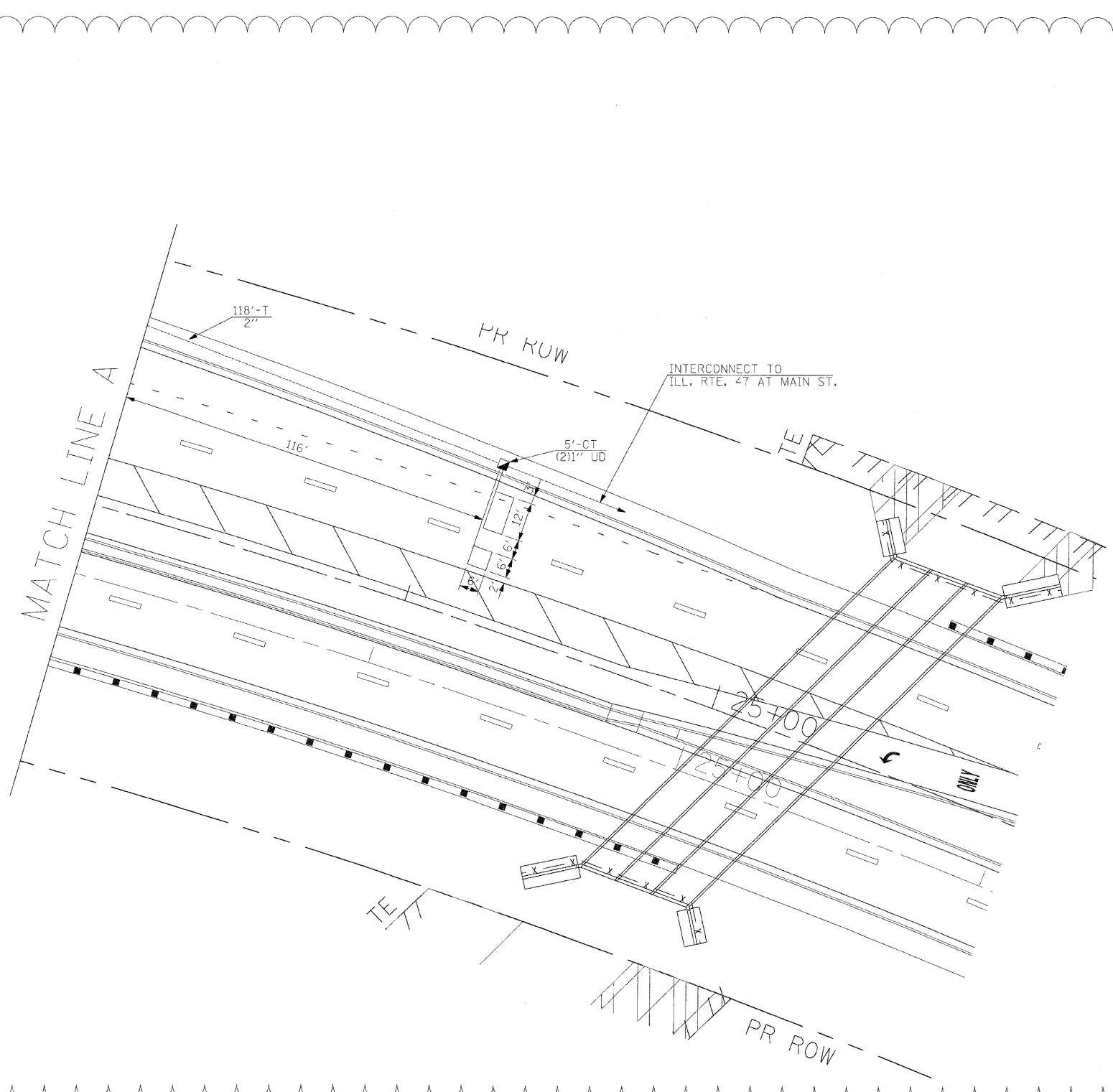
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	280A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



• (105X & 106) WRS-2

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE		
UNIT DUCT		
COMMON TRENCH		
HAND-HOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE SYSTEM 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, FIBER OPTIC "NO LEFT TURN"		
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		
MICROWAVE VEHICLE SENSOR		
UPS-BATTERY BACK-UP		



ALL THE DETECTOR LOOPS ARE PREFORMED DETECTOR LOOPS.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47 AT KREUTZER ROAD
(SHEET 2 OF 2)

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ga GANDHI AND ASSOCIATES, INC.
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