

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

IL ROUTE 47 (FAP 326) FROM KREUTZER ROAD TO REED ROAD SECTION: (105X & 106) WRS-2

PROJECT: ACNHF-HPP-1099 (002) ROADWAY RECONSTRUCTION AND TRAFFIC SIGNAL MODERNIZATION KANE AND McHENRY COUNTY C-91-071-05

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN:
VILLAGE OF HUNTLEY

TRAFFIC DATA:

ADT: ILLINOIS ROUTE 47
19,000 VEHICLES PER DAY (2005)
37,000 VEHICLES PER DAY (2030)

POSTED SPEED: 35-45 MPH

ADT: MAIN STREET
8,800 VEHICLES PER DAY (2009)
ALGONQUIN ROAD
9,300 VEHICLES PER DAY (2009)
REED ROAD
5,600 VEHICLES PER DAY (2009)

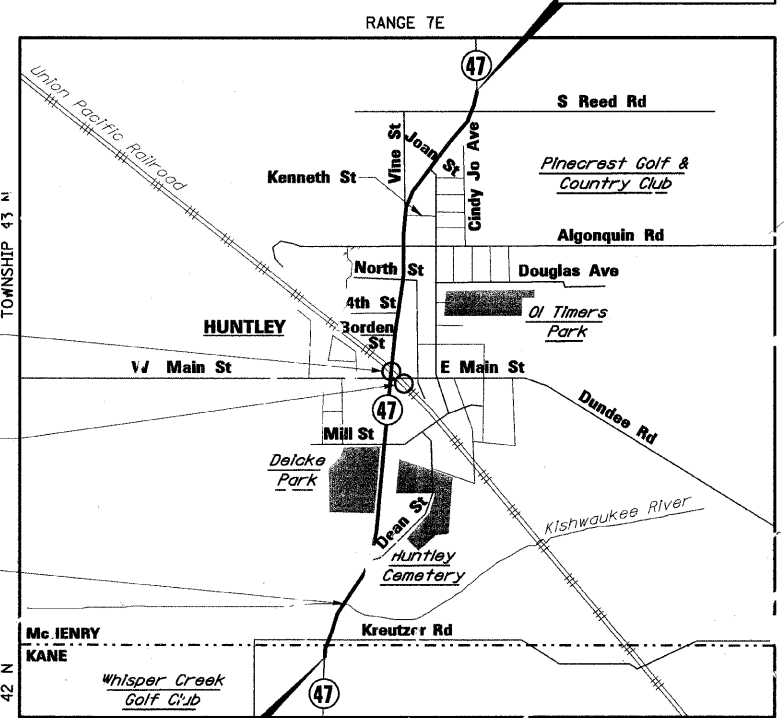
DESIGN DESIGNATION:

ILLINOIS RTE 47 3700 (30) - STRATEGIC REGIONAL ARTERIAL 11.77 (PCC-20)

WORK TO BE DONE BY UNION PACIFIC RAILROAD COMPANY
STA 77+35.98 TO STA 77+56.70 (NB)
STA 77+54.43 TO STA 77+74.98 (SB)

WORK TO BE DONE BY UNION PACIFIC RAILROAD COMPANY
STA 501+62.70 TO STA 501+84.62 (WB)
STA 501+73.63 TO STA 501+95.55 (EB)

STA 25+24.62
SN: 056-0085
IL 47 OVER SOUTH BRANCH
OF KISHWAUKEE RIVER
TRIPLE 10'X8' BOX CULVERT



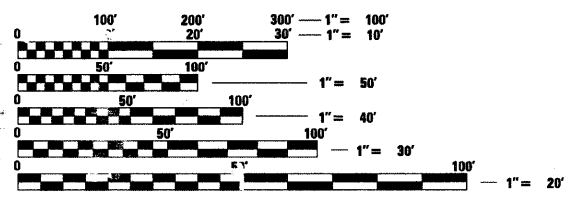
ILL RTE 47
PROJECT BEGINS
STA 9+35.22

ILL RTE 47
PROJECT ENDS
STA 142+08.53

LOCATION PLAN

MAP SCALE: 1" = 0.5 MILE

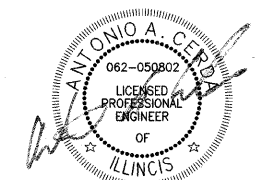
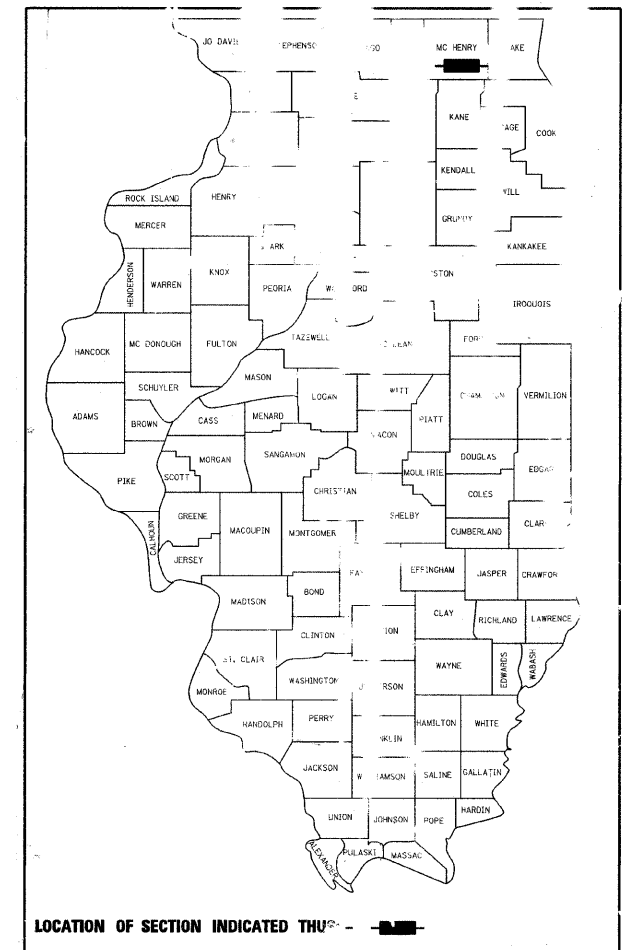
GROSS LENGTH OF PROJECT: 13,273.31 FEET (2.51 MILES)
NET LENGTH OF PROJECT: 13,232.31 FEET (2.51 MILES)



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

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

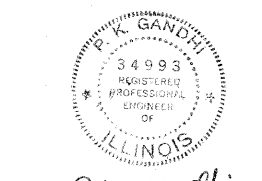
CONTRACT NO. 62882



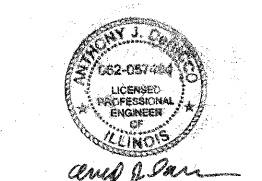
EXPIRATION DATE: 11-30-09
DATE: 8/5/2009
SHEETS 1-267, 362-501



EXPIRATION DATE: 11-30-10
DATE: 8/5/2009
SHEETS 324-361



EXPIRATION DATE: 11-30-09
DATE: 8-5-09
SHEETS 268-316



EXPIRATION DATE: 11-30-09
DATE: 8-5-09
SHEETS 317-323

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: AUGUST 7, 2009

Debra P. O'Keefe
DEPUTY DIRECTOR HIGHWAYS, REGION ENGINEER

20

ENGINEER OF DESIGN AND ENVIRONMENT

20

DIRECTOR HIGHWAYS, REGION ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



BOOK 1 OF 2

DISTRICT ONE - DESIGN
IDOT CONSULTANT PROJECT MANAGER: CATHERINE KIBBLE / BRIAN KUTTAB (847)705-4431

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

INDEX OF SHEETS:

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DISTRICT ONE STANDARD DETAILS

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- BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15 5/32 (4.5 m)
- BD-05 CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
- BD-07 STORM SEWER CONNECTION TO EXISTING SEWER
- BD-12 MANHOLE WITH RESTRICTOR PLATE
- BD-16 DROP MANHOLE DETAILS
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
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- BD-34 STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TB TTY. 1 SPL.
- BD-36 FIRE HYDRANT TO BE MOVED
- BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING
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- TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
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- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-23 SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS
- TC-26 DRIVEWAY ENTRANCE SIGNING

IDOT HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 406201-01 MAILBOX TURNOUT
- 420001-07 PAVEMENT JOINTS
- 420101-04 7.2m (24') JOINTED PCC PAVEMENT
- 420111-02 PCC PAVEMENT ROUNDOUTS
- 420501-04 PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442101-07 CLASS B PATCHES
- 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 515001-03 NAME PLATE FOR BRIDGES
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311-01 GRATING FOR CONCRETE FLARED END SECTION (FOR 600mm (24") THRU 1350mm (54") PIPE)
- 601001-03 SUB-SURFACE DRAINS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
- 602001-01 CATCH BASIN, TYPE A
- 602011-01 CATCH BASIN, TYPE C
- 602301-02 INLET, TYPE A
- 602306-02 INLET - TYPE B
- 602401-02 MANHOLE, TYPE A
- 602406-03 MANHOLE, TYPE A 1.8m (6') DIAMETER
- 602411-01 MANHOLE TYPE A 7' (2.1 m) DIAMETER
- 602416-01 MANHOLE TYPE A 8' (2.4 m) DIAMETER
- 602501-01 VALVE VAULT TYPE A
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 604036-02 GRATE, TYPE 8
- 604086-02 FRAME AND GRATE, TYPE 23
- 604091-02 FRAME AND GRATE, TYPE 24
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-02 OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 606306-03 CORRUGATED PC CONCRETE MEDIANS
- 630001-08 STEEL PLATE BEAM GUARDRAIL
- 630101-08 GUARDRAIL MOUNTED ON EXISTING CULVERTS
- 630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-06 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 664001-02 CHAIN LINK FENCE
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 m (15') AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

IDOT HIGHWAY STANDARDS

- 701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
- 701501-05 URBAN LANE CLOSURE 2L, 2W UNDIVIDED
- 701502-03 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE, FOR SPEEDS < 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 814001-02 HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 857006-01 SUPERVISED RAILROAD INTERCONNECT CIRCUIT
- 862001-01 UNINTERRUPTIBLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING
- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877002-01 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS

PLOT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\11-CADD\11-sh\11802.Lin.dwg-general.notes.dgn
 USER NAME = 4859



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
GENERAL NOTES
AND COMMITMENTS

SCALE: VERT. NO SCALE DRAWN BY: E.D.
 HORIZ. DATE: 10/27/2009 CHECKED BY: A.A.C.

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.

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.

*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/SO YD/IN.

PLT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\11-CADD\11-ant-0803_gen-notes.dgn
 USER = JLB
 USER NAME = JLB



REVISIONS	
NAME	DATE

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	ST. NO.	ILLINOIS	FED. AID PROJECT	
* (105X 106) WRS-2				

McHenry Co.

100% HUNTLEY

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY URBAN	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNAL						LIGHTING	WATER MAIN & SAN. SEWER
				80% FEDERAL	80% FEDERAL			KREUTZER	MAIN	ALGONQUIN	REED	EVP	INTERCONNECT		
				20% STATE	20% STATE										
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	525												
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	546												
20100500	TREE REMOVAL, ACRES	ACRE	0.44												
20101000	TEMPORARY FENCE	FOOT	4463												
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3												3
20200100	EARTH EXCAVATION	CU YD	65,383												
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	8,689												
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	389												
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	122												
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	8,689												
20800150	TRENCH BACKFILL	CU YD	52,718	621											19191
# 21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	11,000												
# 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	87,882	12,782											
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	400												400
# 25000300	SEEDING, CLASS 3	ACRE	0.43												
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1428	234											
# 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1428	234											
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1428	234											
# 25100600	TURF REINFORCEMENT MAT	SQ YD	2,120												
# 25200110	SODDING, SALT TOLERANT	SQ YD	32,551												
# 25200200	SUPPLEMENTAL WATERING	UNIT	196												
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,104	325											
28000305	TEMPORARY DITCH CHECKS	FOOT	100	40											
28000400	PERIMETER EROSION BARRIER	FOOT	36,957	2,500											
28000510	INLET FILTERS	EACH	404	7											
28100105	STONE RIPRAP, CLASS A3	SQ YD	115	12											
28100107	STONE RIPRAP, CLASS A4	SQ YD	325												
28100109	STONE RIPRAP, CLASS A5	SQ YD	60												
28200200	FILTER FABRIC	SQ YD	500	12											
35300305	PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4"	SQ YD	757												
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1,298												
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	7,484	508											57
40600055	CONSTRUCTING TEST STRIP	EACH	10												
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	6												
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	63												
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	95												
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	984	57											6
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	57												
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	588												
40701671	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9 1/2"	SQ YD	7,341												
40701821	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12"	SQ YD	6,096												
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	688												
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	110,083	12,255											397
42001200	PAVEMENT FABRIC	SQ YC	688												

SPECIALTY ITEM

PLOT DATE = 8/5/2007
 FILE NAME = S:\11-CHD\01-INT-084-012.dwg
 PLOT SCALE = 1:1
 USER NAME = 3698



REVISIONS	
NAME	DATE

ILLINOIS DEPT. OF TRANSPORTATION
 ROUTE 142
 SUN JAY

SCALE VERT. NO SCALES
 HORIZ. DATE: 8/5/2007

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				INTERCONNECT	LIGHTING	WATER MAIN & SAN SEWER			
				KANE COUNTY	McHENRY COUNTY					ALGONQUIN	REED	EVP	100% LOCAL				80% FEDERAL	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
42001300	PROTECTIVE COAT	SQ YD	152,422		13,198														
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	288		288														
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	216,102		32,370	104,332													
42400800	DETECTABLE WARNINGS	SQ FT	252		252														
44000100	PAVEMENT REMOVAL	SQ YD	81,941	11,880	70,272														
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	5,038		5,038														
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	368		368														
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	15,812	380	15,492														
44000300	CURB REMOVAL	FOOT	2,287		2,287														
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	23,459	1,582	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	3,424	1,844	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	94		94														
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	20	20															
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	859	112	727														
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,943	1,313	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	24,590		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													
54003000	CONCRETE BOX CULVERTS	CU YD	415			415													
54213857	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	2	6														
54213860	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		1														
54213863	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1														
54213869	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4		4														
54213887	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2		2														
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2		2														
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1		1														
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	4		4														
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	2		2														
54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 24"	EACH	2		2														
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	1		1														
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	3023	64	2959														
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	225		225														

McHenry Co. 100% HUNTLEY

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\01-11-09\01-012-quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3699



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.

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 <i>URBAN</i>	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														
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	458														
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	211														
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	8														
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	435														
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	6808	97													
550A0380	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	477														
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	241														
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	442														
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	861														
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	1,410														
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,389														224
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	200														
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	109														
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	365	260													
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	768														
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	2,275														
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	142	142													
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	270	270													
550A0790	STORM SEWERS, CLASS A, TYPE 3 54"	FOOT	218														
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	1,143														
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	117														
55034500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	68														
55034700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 53, RISE 34	FOOT	136														
55035300	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	117														
55035400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	89														
55035500	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 34, RISE 22	FOOT	172														
55035600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	168														
55035700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 45, RISE 29	FOOT	242														
55036000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 68, RISE 43	FOOT	178														
55100300	STORM SEWER REMOVAL 6"	FOOT	200														
55100400	STORM SEWER REMOVAL 10"	FOOT	53														
55100500	STORM SEWER REMOVAL 12"	FOOT	2,384	13													
55100700	STORM SEWER REMOVAL 15"	FOOT	965														
55100900	STORM SEWER REMOVAL 18"	FOOT	3,071														
55101200	STORM SEWER REMOVAL 24"	FOOT	1,182														
55101500	STORM SEWER REMOVAL 33"	FOOT	4,638														
55101800	STORM SEWER REMOVAL 42"	FOOT	842	442													
552A0600	STORM SEWERS JACKED IN PLACE, CLASS A 18"	FOOT	54														
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	1,180														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														25

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\01-11\1084-012.sum.plt
 PLOT SCALE = 1:1
 USER NAME = 3698



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.

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.

100% HUNTLEY

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY URBAN	ROADWAY		SIDEWALK	BOX CULVERT	KREUTZER	MAIN	TRAFFIC SIGNALS				INTERCONNECT	LIGHTING	WATER MAIN & SAN. SEWER		
				KANE COUNTY	McHENRY COUNTY					ALGONQUIN	REED	EVP	100% LOCAL				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
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	78	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y030-1E	Y060			
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2															
60107600	PIPE UNDERDRAINS 4"	FOOT	2,348	107	2,241													
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	20		20													
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	311		311													
60200605	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	31		31													
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	39		39													
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	187		187													
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	27	3	24													
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16		16													
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	91	1	90													
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	22	2	20													
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	26	1	25													
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2		2													
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1		1													
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	6		6													
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	30		30													
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	3		3													
60255500	MANHOLES TO BE ADJUSTED	EACH	36		14										22			
60260100	INLETS TO BE ADJUSTED	EACH	7		7													
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6												6			
60500040	REMOVING MANHOLES	EACH	93	3	65										25			
60500050	REMOVING CATCH BASINS	EACH	35	2	33													
60500060	REMOVING INLETS	EACH	48		48													
60600605	CONCRETE CURB, TYPE B	FOOT	2,666		2,637										29			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 12	FOOT	984		984													
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	FOOT	36,165	1,691	36,474													
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24 (SPECIAL)	FOOT	225		225													
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,064		1,064													
60619124	CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)	SQ FT	32,060	1,843	29,333										864			
60619600	CONCRETE MEDIAN, TYPE SB-6, 12	SQ FT	8,785		8,785													
60620000	CONCRETE MEDIAN, TYPE SB-6, 24	SQ FT	8,336		8,336													
60624800	CORRUGATED MEDIAN	SQ FT	3,565	199	3,281										85			
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6' POSTS	FOOT	800.0		800.0													
63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9' POSTS	FOOT	787.5		787.5													
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6		6													

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
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 PLOT SCALE = 1:1
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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.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	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		
# 83100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6														
# 83200310	GUARDRAIL REMOVAL	FOOT	1,617														
# 86400305	CHAIN LINK FENCE, 6"	FOOT	57														
# 86400535	CHAIN LINK FENCE, 6" ATTACHED TO STRUCTURE	FOOT	76														
# 87000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24														
# 87100100	MOBILIZATION	L SUM	1														
# 86900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1														
# 86900200	NON-SPECIAL WASTE DISPOSAL	CU YD	470														
# 86900400	SPECIAL WASTE GROUND WATER DISPOSAL	GALLON	345														
# 86900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1														
# 86900530	SOIL DISPOSAL ANALYSIS	EACH	3														
# 86901000	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	877	109	768												
# 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	68,720	7,138	61,582												
# 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2,763	424	2,339												
# 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	363	149	214												
# 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	586	62	524												
# 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	26,516		26,516												
# 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	784	496				73	92	73	27						
# 72900100	METAL POST - TYPE A	FOOT	483		483												
# 72900200	METAL POST - TYPE B	FOOT	242		242												
# 78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	SQ FT	2,637		2,637												
# 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	13,442		13,442												
# 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	20,197		20,197												
# 78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	204		204												
# 78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	1,953		1,953												
# 78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	1,343		1,343												
# 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,068		1,068												
# 78300100	PAVEMENT MARKING REMOVAL	SQ FT	9,457	659	8,798												
# 80400100	ELECTRIC SERVICE INSTALLATION	EACH	3													3	
# 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1													1	
# 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	12,152					524	637	1,051	653			8,902		385	
# 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	368					98	65	85	118						
# 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	182					55	68	55							
# 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	277					116	74	97							
# 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													1120	
# 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	3,119					212	462	274	148			1,113		910	

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\081-hh\1084-012-sum-of-quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3639



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.

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										
				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	30% 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	
# 81016800	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	105	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-30	Y031-1F	Y030-1E	Y060			
# 81016700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	1,025													1025		
# 81018800	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2,281					327	958	455	491							
# 81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	633													635		
# 81400100	HANDHOLE	EACH	30					5	9	6	4		15					
# 81400200	HEAVY-DUTY HANDHOLE	EACH	16					5	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 (XLP-TYPE USE) 1/C NO. 8	FOOT	3,100													3100		
# 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5,170													5170		
# 81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	520													520		
# 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	25,139					744	826	1,105	752		8,902	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	TRANSCIVER - FIBER OPTIC	EACH	4					1	1	1	1							
# 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4,044							1,030	1,570	1,433						
# 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8,318							1,553	1,647	1,551	3,567					
# 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	15,442					3,530	7,474	3,105	1,324							
# 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6,144					1,185	873	1,462	2,824							
# 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	13,207					3,210	3,380	3,754	2,854							
# 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	348					30	134	45	140							
# 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	8					1	0	1								
# 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1							1								
# 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9					2		3	4							
# 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 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							
# 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	3					1	1	1								
# 87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	4					2	1		1							
# 87700408	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1								1							
# 87700424	STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1						1									
# 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	72					17	28	18	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							
# 88030060	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4						4									

McHenry Co. ←
100% HUNTLEY

SPECIALTY ITEM

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-ROAD\01-hh\1084-212.sum_of_quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3899



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 URBAN	ROADWAY		SIDEWALK 50% STATE 50% LOCAL	BOX CULVERT 80% FEDERAL 20% STATE	TRAFFIC SIGNALS				EVP 100% LOCAL	INTERCONNECT 80% FEDERAL 20% STATE	LIGHTING 100% LOCAL	WATER MAIN & SAN. SEWER 100% LOCAL	
				KA	E COUNTY			MCHENRY COUNTY	KREUTZER	MAIN	ALGONQUIN					REED
				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					Y031-1F
# 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-1F	Y030-1E	Y060	
# 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2													
# 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12						3		3		8			
# 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		8			
# 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	146,830	13,046	133,419										365	
Z0013788	CONSTRUCTION LAYOUT	L SUM	1		1											
Z0017262	DOWEL BARS 1 1/2"	EACH	85		85											
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 8"	FOOT	182							182						
Z0067300	STEEL CASING 12"	FOOT	309												309	
Z0067600	STEEL CASING 18"	FOOT	446												446	
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 BAL ^o CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9		9											
# B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 6" 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												
# D2002772	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

PLT DATE = Monday, Aug 10, 2009
 FILE NAME = S:\11-CADD\01-INT\0824-012_sum_of_quant.dgn
 PLOT SCALE = 1:1
 USER NAME = 3899



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.

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		
				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		
				J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-1F	Y030-1E	Y060
X005656	INLET FILTER CLEANING	EACH	800	14	782										
X006253	SANITARY MANHOLE, 4-DIAMETER	EACH	25												25
X006831	STORM SEWER (WATER MAIN REQUIREMENTS) SPAN 53, RISE 34	FOOT	113												113
X0172700	MANHOLES, TYPE A, 8-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3										
X0300020	WATER SERVICE CONNECTION	EACH	17		1										16
X0320801	DRAINAGE STRUCTURES, TYPE 1 (SPECIAL)	EACH	13	2	11										
X0320815	SLEEPER SLAB	FOOT	492	171	321										
X0321100	GEOTEXTILE RETAINING WALL	SQ FT	161				161								
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	845		524										321
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	308		138										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
X0322258	TEMPORARY INFORMATION SIGNING	SQ FT	1,046	64	982										
# X0322825	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12,049										12,049		
# X0323670	PREFORMED DETECTOR LOOP	FOOT	5,080					1,547	1,375	573	1,585				
* X0323797	PAINT NEW TRAFFIC SIGNAL POST	EACH	16					3	7	4	4				
X0323817	SEDIMENT CONTROL, SILT CURTAIN	EACH	1		1										
X0323868	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,808		901		907								
* 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	2,698	280	2,418										
X0712400	TEMPORARY PAVEMENT	SQ YD	16,000	1,724	14,276										
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	20		20										
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	60	1	59										
X4420500	TEMPORARY PAVEMENT PATCH	SQ YD	322	29	293										
X6063600	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	12,127										12,127		
# X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	4,304					932	1,511	911	950				
# X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	3,567									3,567			
# X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1					1							
X0325547	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2,366		2,366										
X0075505	TIMBER RETAINING WALL REMOVAL	FOOT	129		129										
X0926722	ESCAPE AREA CONCRETE MEDIAN	SQ FT	3,442		3,442										

McHenry Co.

100% HUNTLEY

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

PLOT DATE = Monday, August 18, 2008
FILE NAME = S:\11-6000\01-11\11-084-812.ssm.dgn
PLOT SCALE = 1:1
USER NAME = 3698



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.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	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	ROADWAY		SIDEWALK	BOX CULVERT	TRAFFIC SIGNALS				LIGHTING	WATER MAIN & SAN. SEWER		
				80% FEDERAL	80% FEDERAL			KREUTZER	MAIN	ALGONQUIN	REED			EVP	INTERCONNECT
				20% STATE	20% STATE										
UABAN	J000-2A	J000-2A	SFTY-1B	X028-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y030-1E	Y060			
X0326723	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LETTERS AND SYMBOLS	SQ FT	473		473										
X0326724	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 4"	FOOT	2,864		2,864										
X0326725	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 6"	FOOT	3,699		3,699										
X0326726	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS-LINE 12"	FOOT	403		403										
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	2,467		2,467										
X0326730	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	175					50	50	25	50				
X0326728	WET PAVEMENT MARKING TAPE, TYPE III-LETTERS AND SYMBOLS	SQ FT	4,170	338	3,832										
X0326729	WET PAVEMENT MARKING TAPE, TYPE III-4 INCH	FOOT	200,413	32,470	167,943										
X0326730	WET PAVEMENT MARKING TAPE, TYPE III-6 INCH	FOOT	16,714	1,686	15,028										
X0326731	WET PAVEMENT MARKING TAPE, TYPE III-12 INCH	FOOT	2,642	619	2,023										
X0326733	SANITARY PVC SDR 26, 6" SEWER	FOOT	681										881		
X0326734	SANITARY PVC SDR 26, 8" SEWER	FOOT	1,916										1916		
X0326735	SANITARY PVC SDR 26, 10" SEWER	FOOT	270										270		
X0326736	SANITARY PVC SDR 26, 12" SEWER	FOOT	480										480		
X0326737	SANITARY PVC SDR 26 (WATER MAIN QUALITY), 8" SEWER	FOOT	204										204		
X0326400	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	CLEAN EXISTING SANITARY SEWER	FOOT	101										101		
X006247	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	925		630								285		
X0326748	CLEAN-OUT MANHOLE	EACH	1		1								1		
X0061100	AIR RELEASE VALVE	EACH	1										1		
X0326750	STEEL CASING PIPE, BORE AND JACK, 18"	FOOT	70		70										
X0067450	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		
X0326500	VALVE VAULTS TO BE REMOVED	EACH	10										10		
X0326500	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 GROUND (XLP TYPE-USE) 1/2" DIAMETER HDPE, IN TRENCH	FOOT	14,940										14940		
X4420540	CLASS B PATCHES, TYPE IV, 8 1/4 INCH	SQ YD	27		27										
X0070600	TRAINERS	HR	2,000	2,000											

© Y080
SPECIALTY ITEM

REVISIONS	NAME	DATE



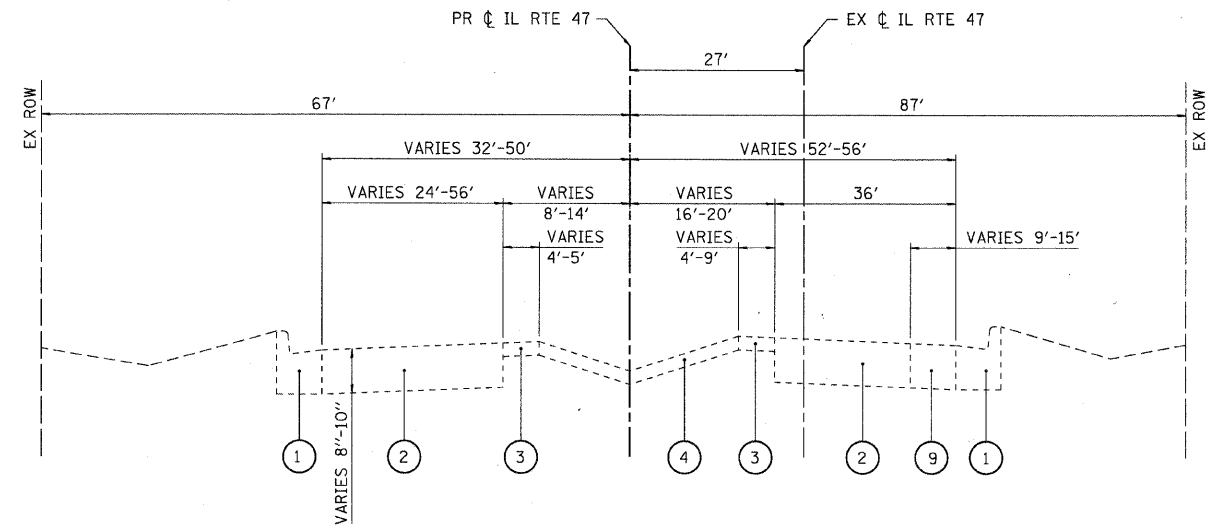
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 48
SUMMARY OF QUANTITIES

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

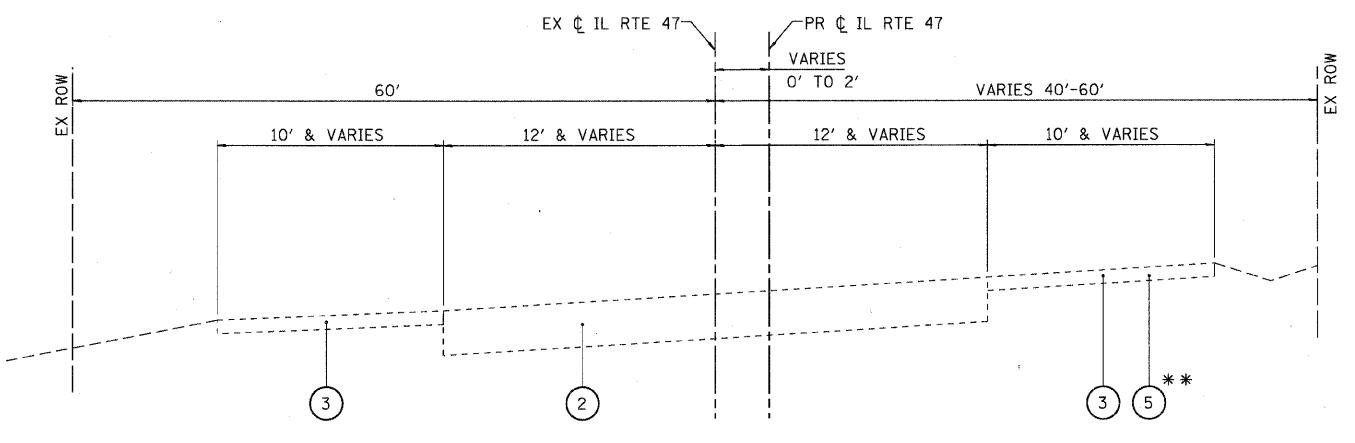
DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	13
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

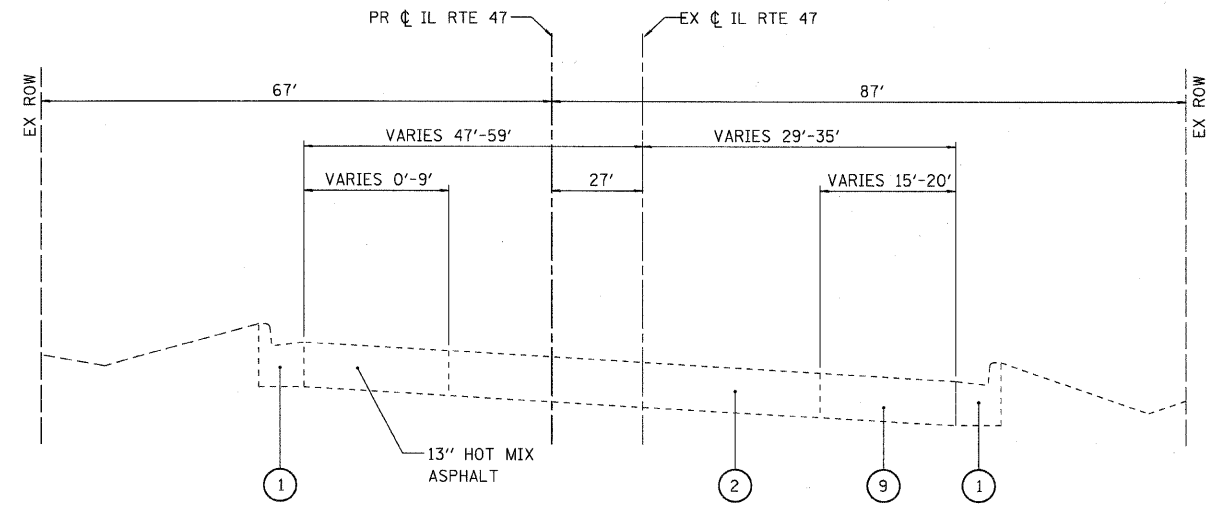
* (105X & 106) WRS-2



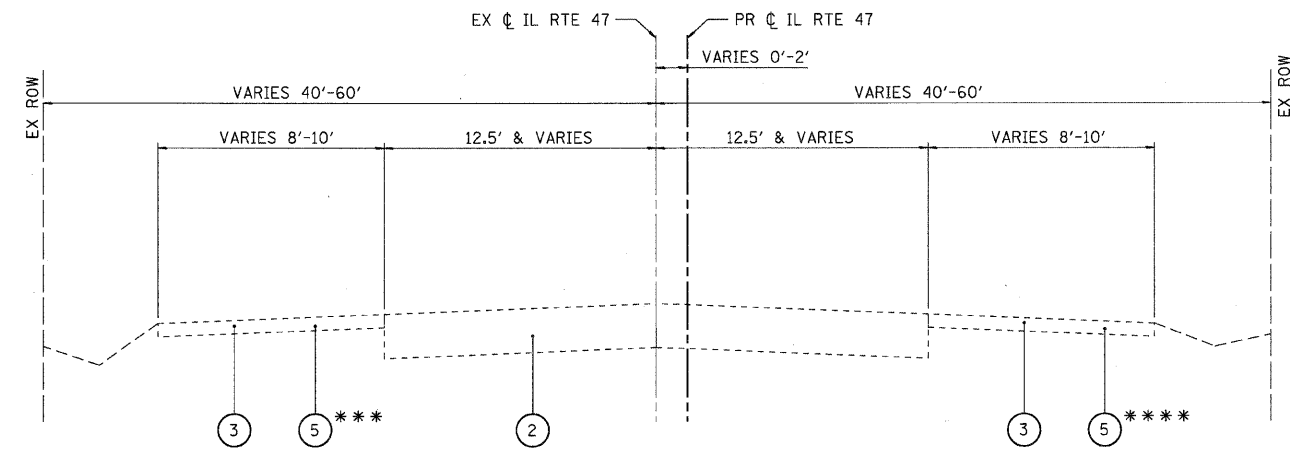
EXISTING ILLINOIS ROUTE 47
STA 9+35.22 TO STA 12+35



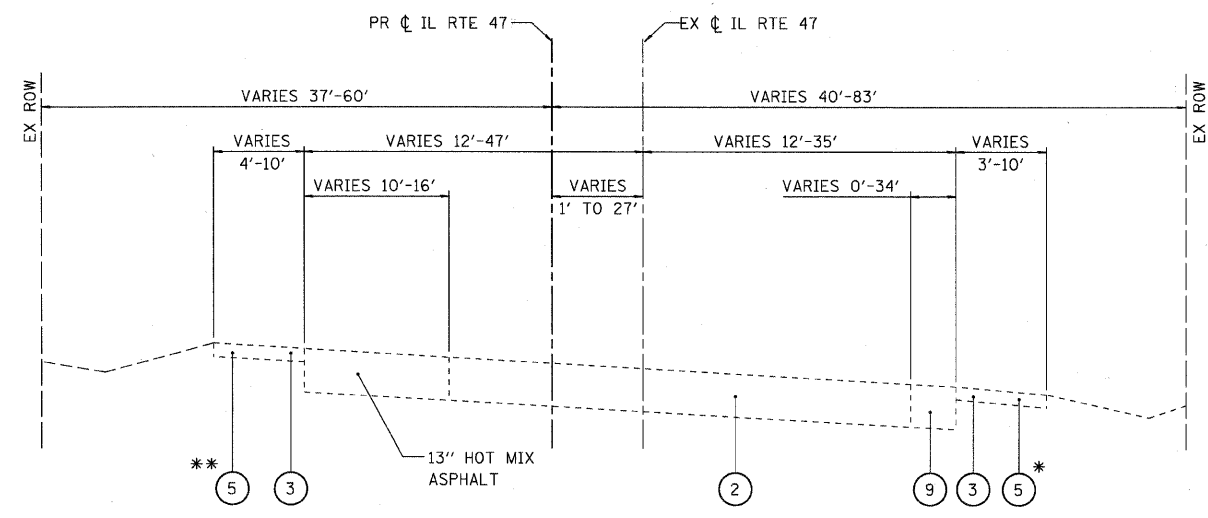
EXISTING ILLINOIS ROUTE 47
STA 34+50 TO STA 45+13
** STA 37+73 TO STA 39+24



EXISTING ILLINOIS ROUTE 47
STA 12+35 TO STA 14+67



EXISTING ILLINOIS ROUTE 47
STA 45+13 TO STA 71+44
STA 116+35 TO STA 128+10
*** STA 55+72 TO STA 57+50 & STA 121+00 TO 127+84
**** STA 66+86 TO STA 69+05



EXISTING ILLINOIS ROUTE 47
STA 14+67 TO STA 34+50
* STA 22+53 TO STA 24+73
** STA 21+73 TO STA 24+66

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"



REVISIONS	
NAME	DATE

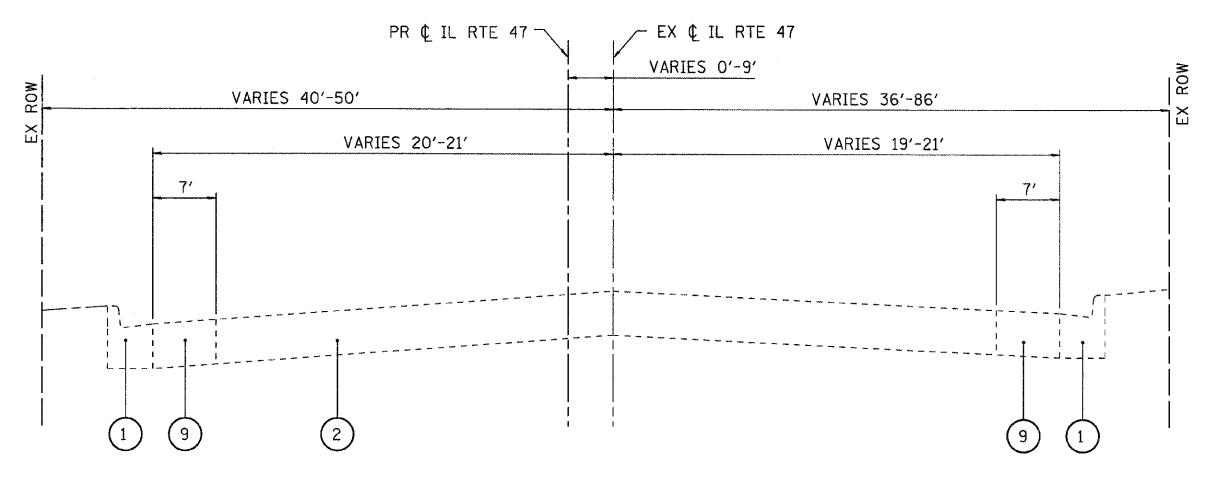
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING TYPICAL SECTIONS ROUTE 47
SHEET 1 OF 9

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

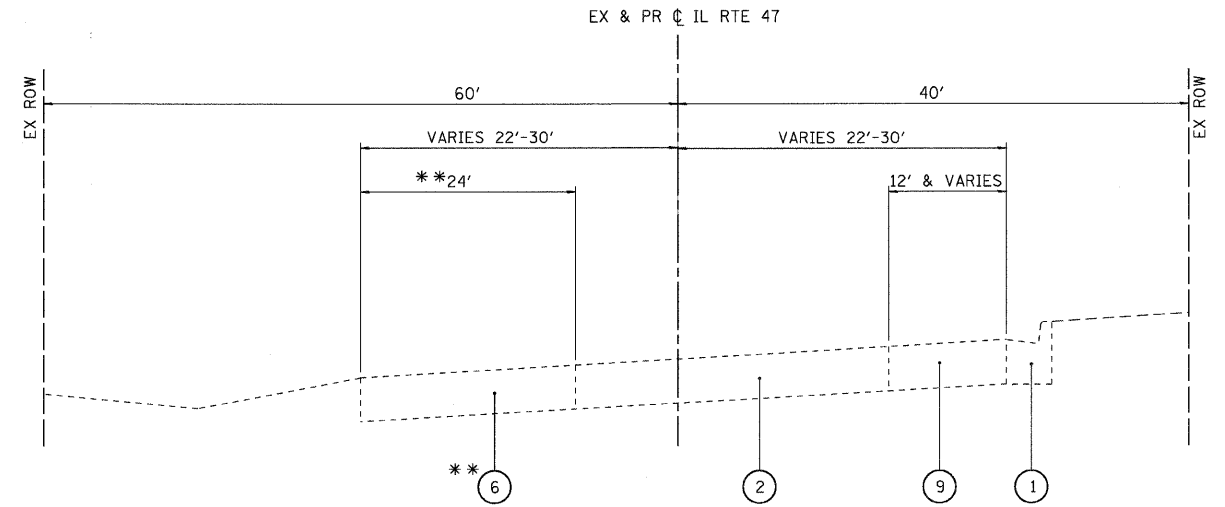
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USER NAME =

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	14
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

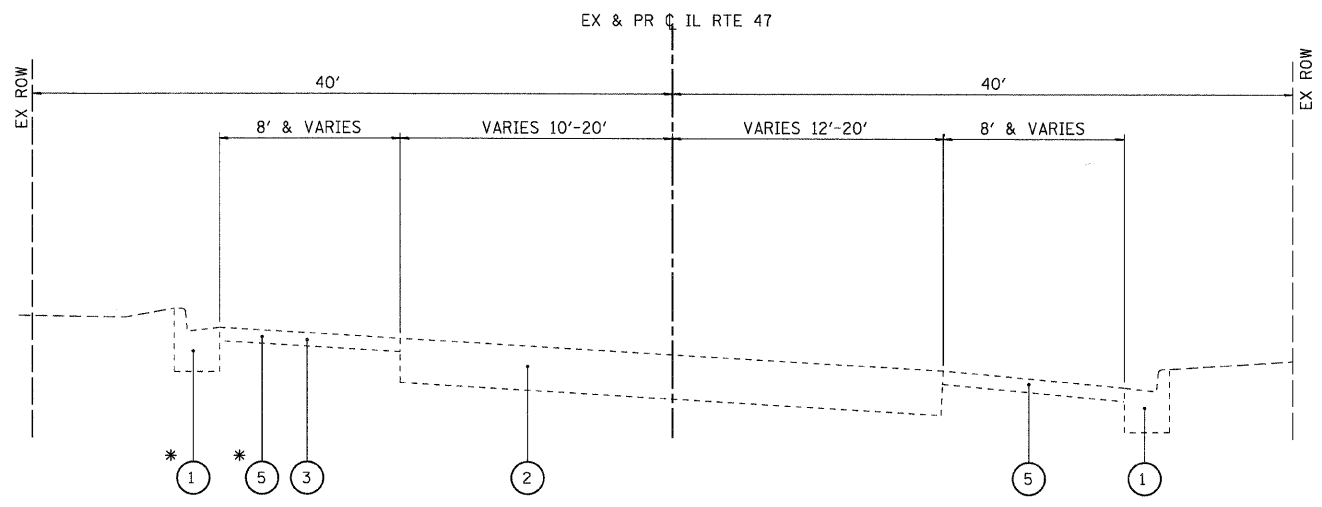
• (105X & 106) WRS-2



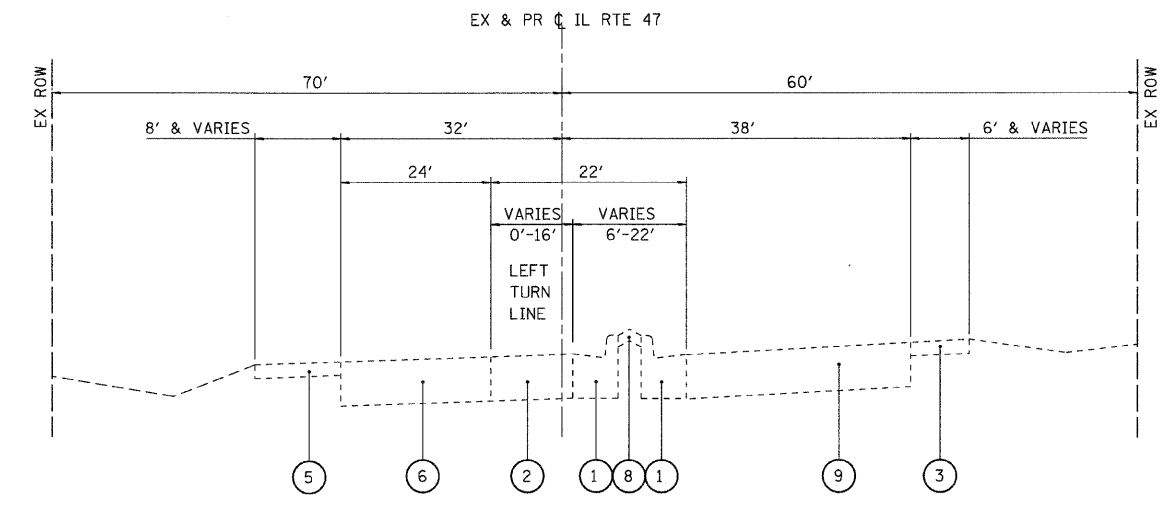
EXISTING ILLINOIS ROUTE 47
STA 71+44 TO STA 105+90



EXISTING ILLINOIS ROUTE 47
STA 128+10 TO STA 134+10
** STA 132+59 TO STA 134+10



EXISTING ILLINOIS ROUTE 47
STA 105+90 TO STA 116+35
* STA 105+90 TO STA 111+76



EXISTING ILLINOIS ROUTE 47
STA 134+10 TO STA 142+08.53

- 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"



REVISIONS	
NAME	DATE

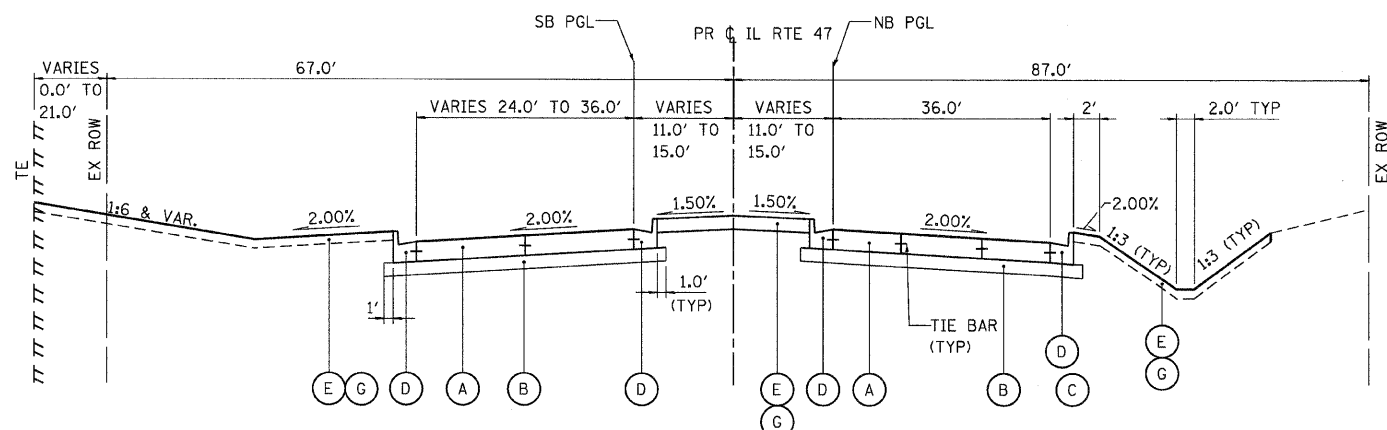
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING TYPICAL SECTIONS ROUTE 47
SHEET 2 OF 9

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

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

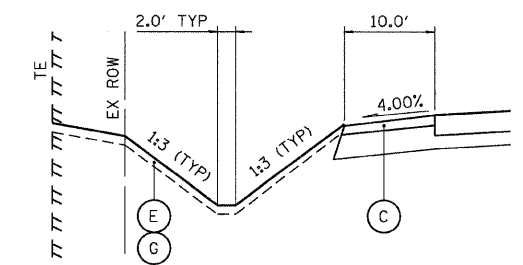
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	15
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

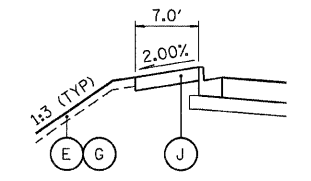


ILLINOIS ROUTE 47

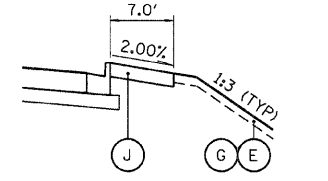
STA 9+35.22 TO STA 13+24.39



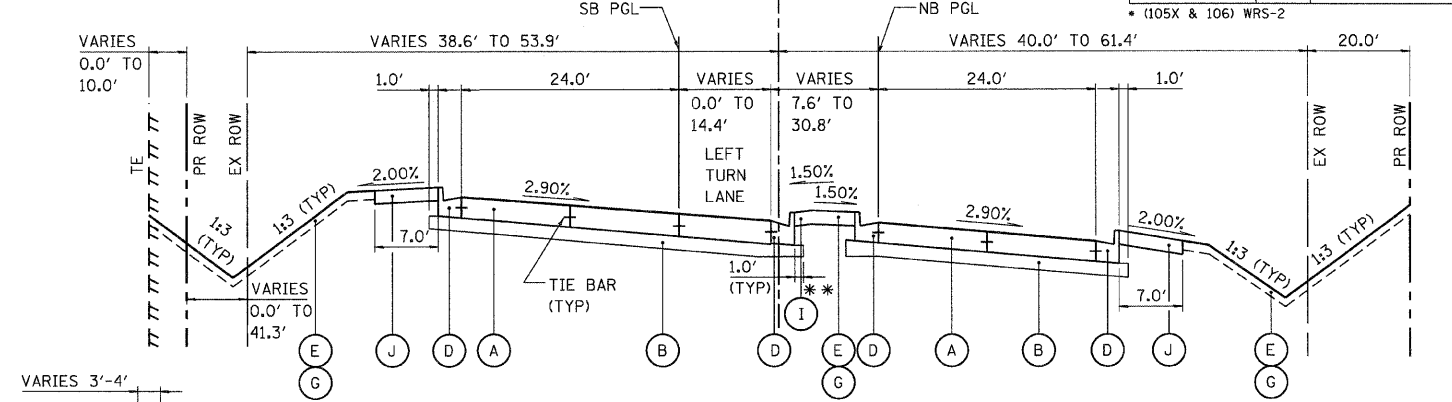
STA 11+99.73 TO STA 13+24.39 (LT)



STA 21+51.45 TO STA 25+58.32 (LT)

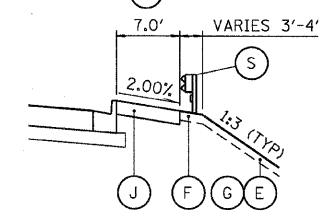


STA 21+91.27 TO STA 24+65.17 (RT)

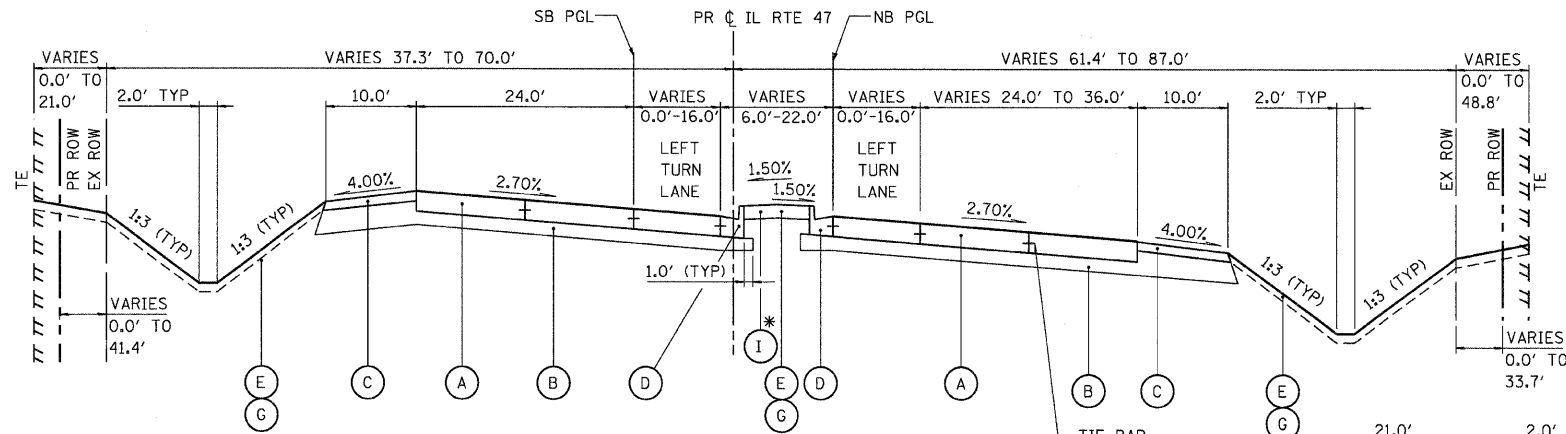


ILLINOIS ROUTE 47

STA 24+66.88 TO STA 32+50.09
* STA 24+66.88 TO STA 24+76.04

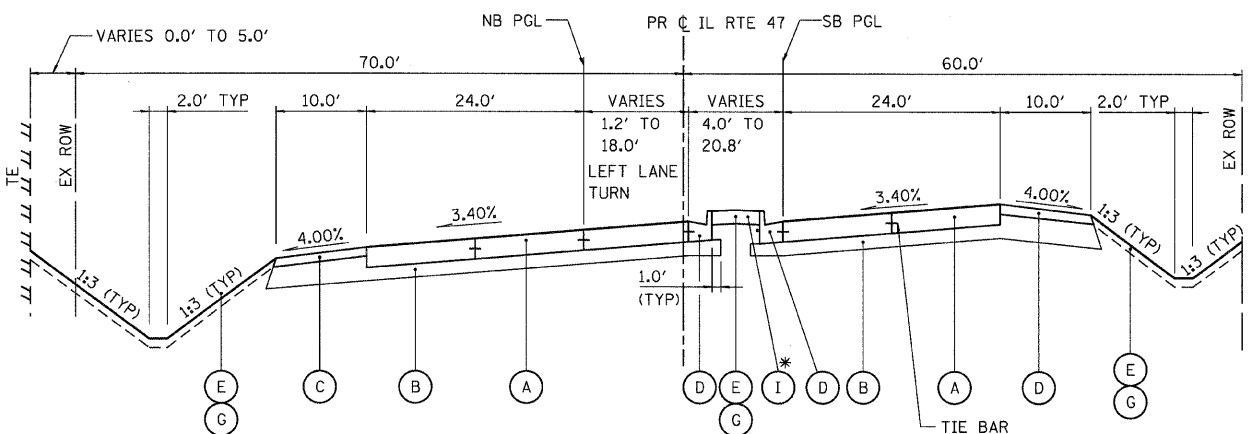


STA 24+65.17 TO STA 25+07.12 (RT)



ILLINOIS ROUTE 47

STA 13+24.39 TO STA 24+66.88
* STA 16+48.71 TO STA 24+66.88

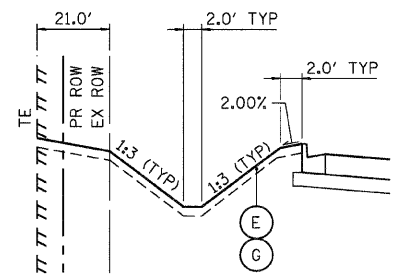


ILLINOIS ROUTE 47

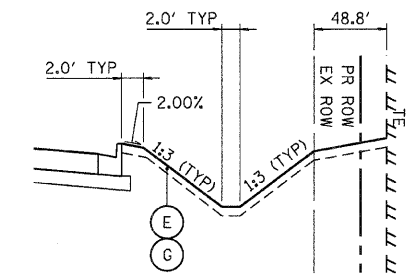
STA 134+73.92 TO STA 140+30.81
* STA 134+73.92 TO STA 138+23.80

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.



STA 19+10.95 TO STA 21+51.45 (LT)



STA 19+70.89 TO STA 21+91.27 (RT)
STA 13+24.39 TO STA 15+25.36 (RT)

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)



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

REVISIONS	
NAME	DATE

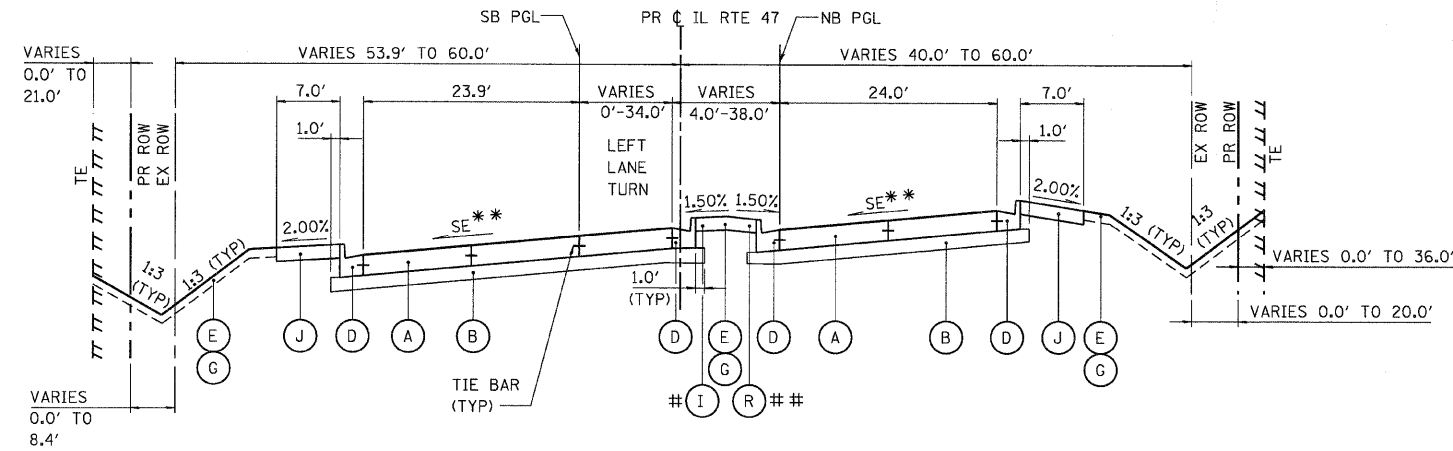
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
PROPOSED TYPICAL SECTIONS ROUTE 47
SHEET 3 OF 9

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

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

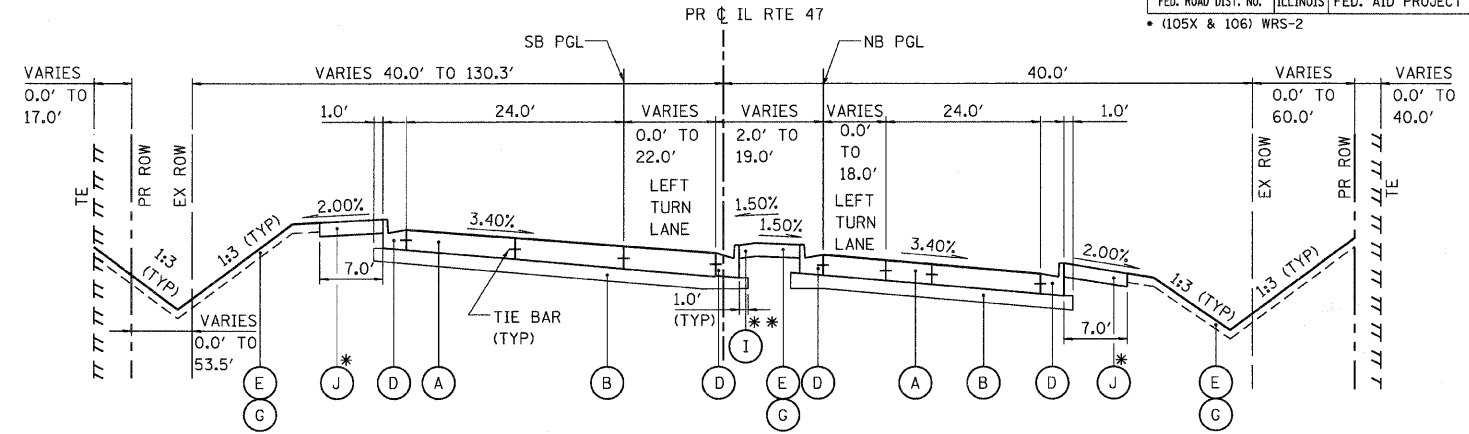
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 USER NAME = jst90

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				



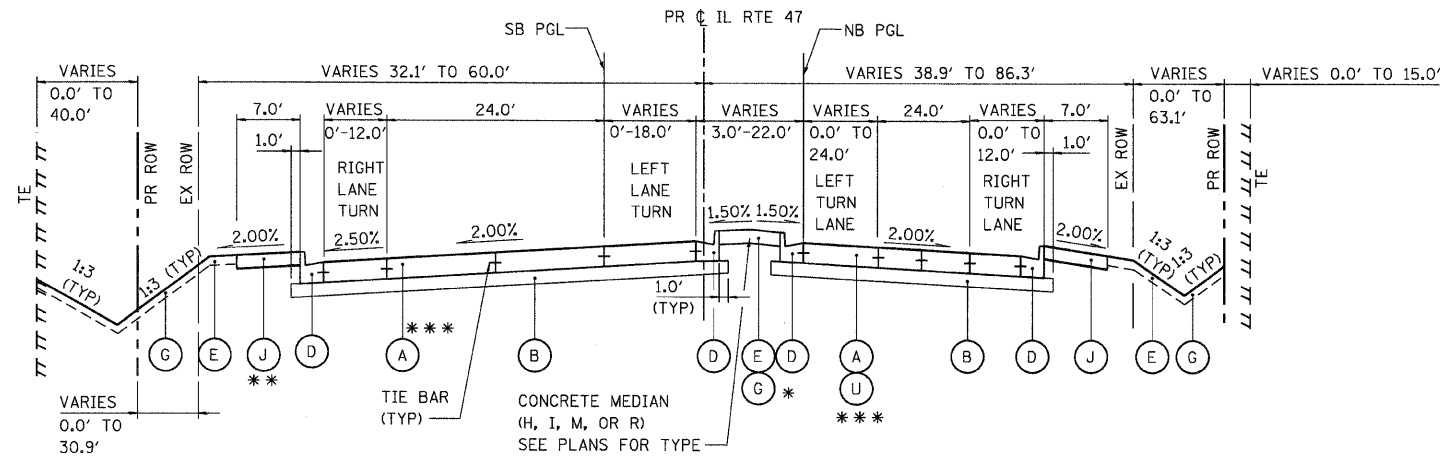
ILLINOIS ROUTE 47

STA 32+50.09 TO STA 46+88.21 ** SE=3.00%
 STA 126+29.75 TO STA 134+73.92 STA 32+50.09 TO STA 46+88.21
 # STA 40+93.07 TO STA 43+78.15 ** SE=3.40%
 STA 126+29.75 TO STA 127+66.19 STA 126+29.75 TO STA 134+73.92
 # STA 130+43.21 TO STA 134+73.92
 ## STA 43+78.15 TO STA 46+88.21



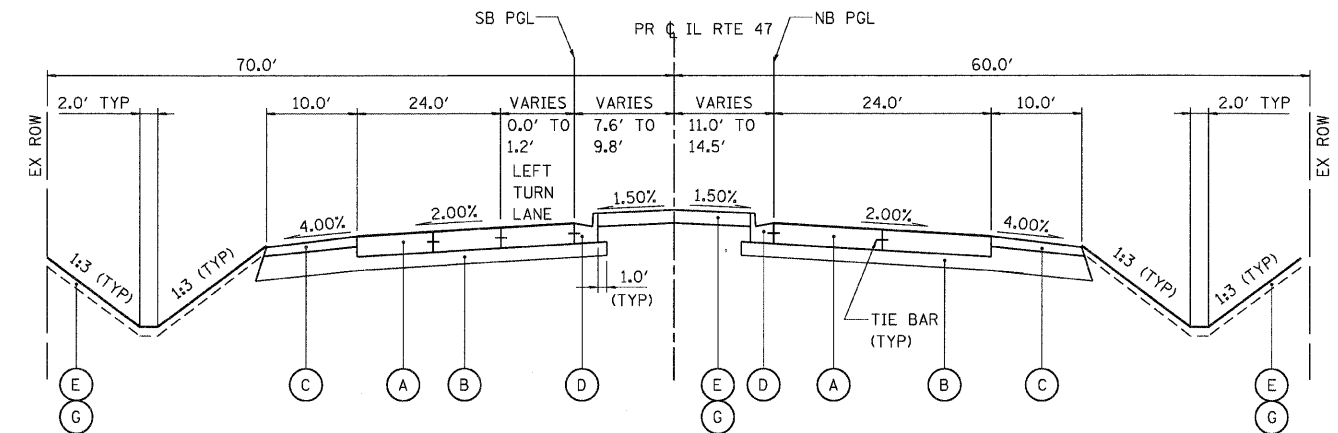
ILLINOIS ROUTE 47

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)



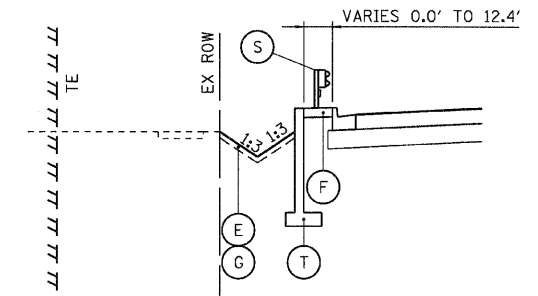
ILLINOIS ROUTE 47

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 | (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.



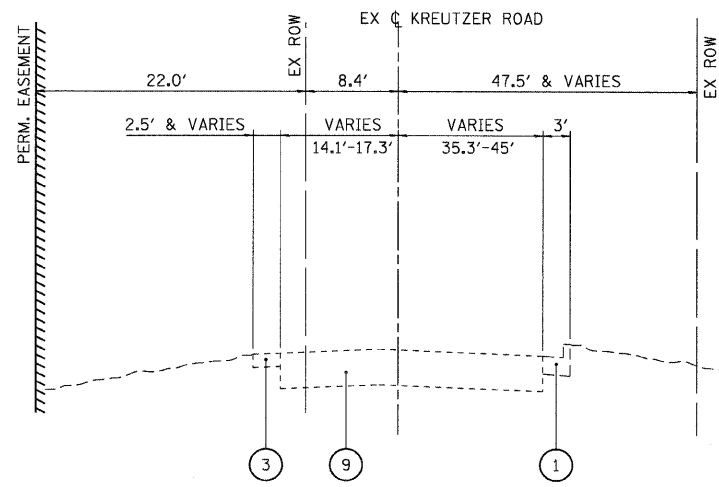
REVISIONS	
NAME	DATE

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

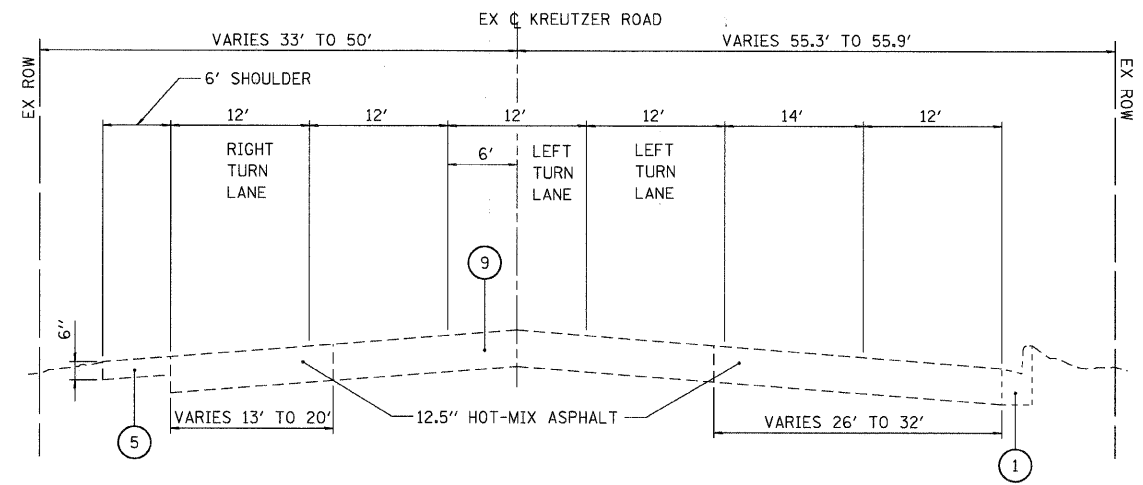
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 DRAWN BY: E.D.
 CHECKED BY: B.S.

PLOT DATE = Friday, August 07, 2009
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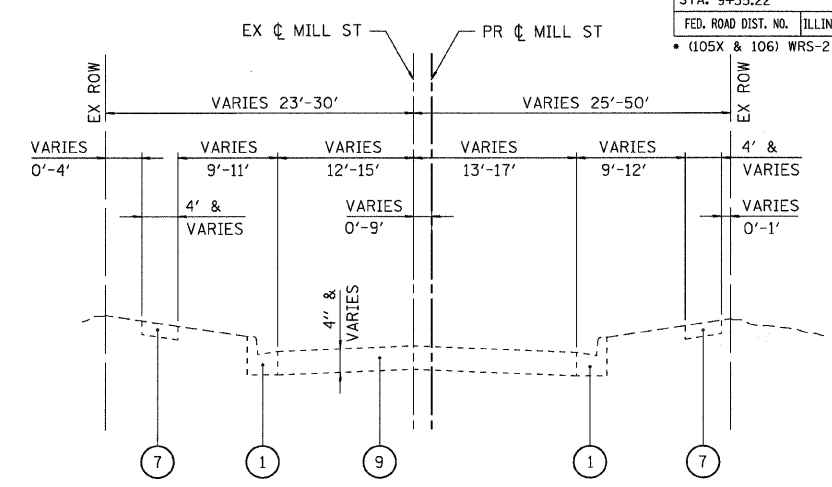
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	17
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



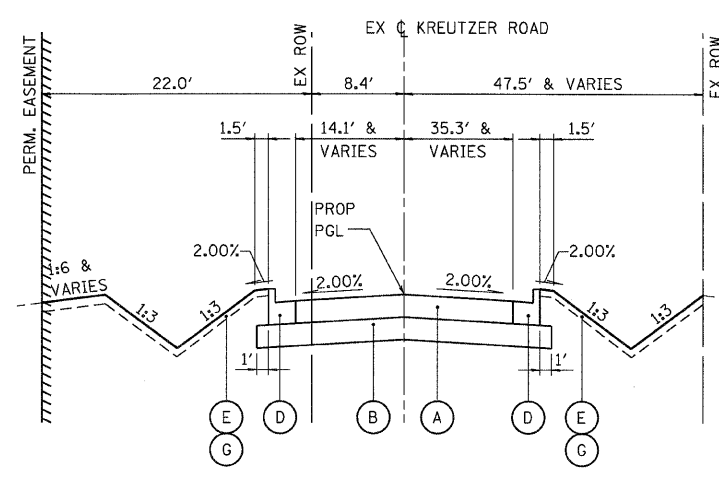
EXISTING KREUTZER ROAD
STA 330+42.14 TO STA 332+03.30



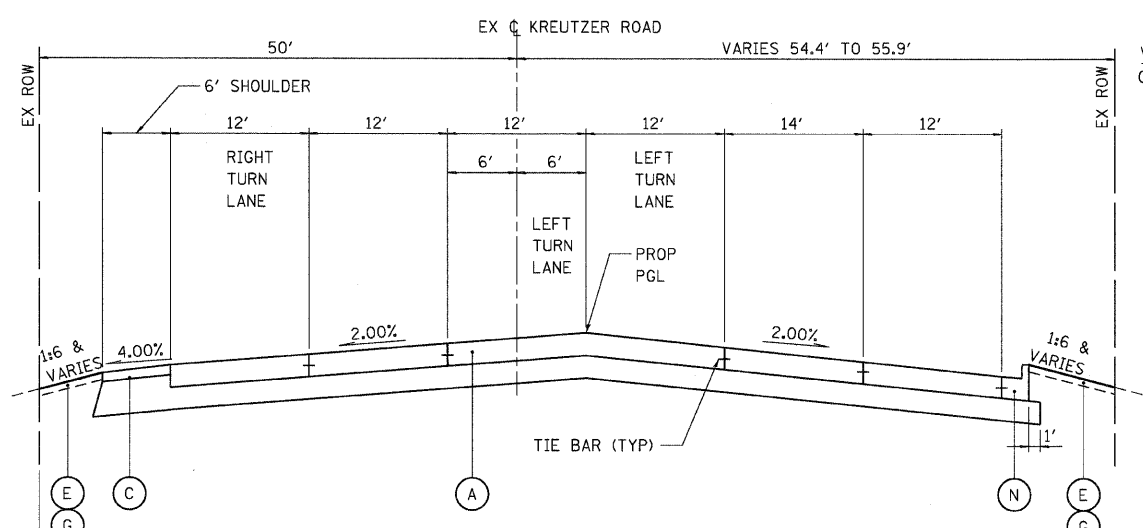
EXISTING KREUTZER ROAD
STA 199+94.60 TO STA 203+00.00



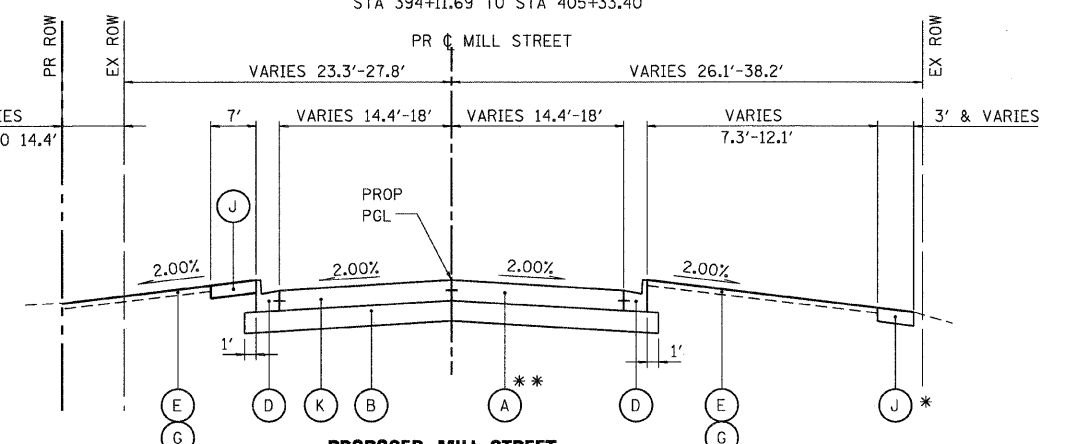
EXISTING MILL STREET
STA 394+11.69 TO STA 405+33.40



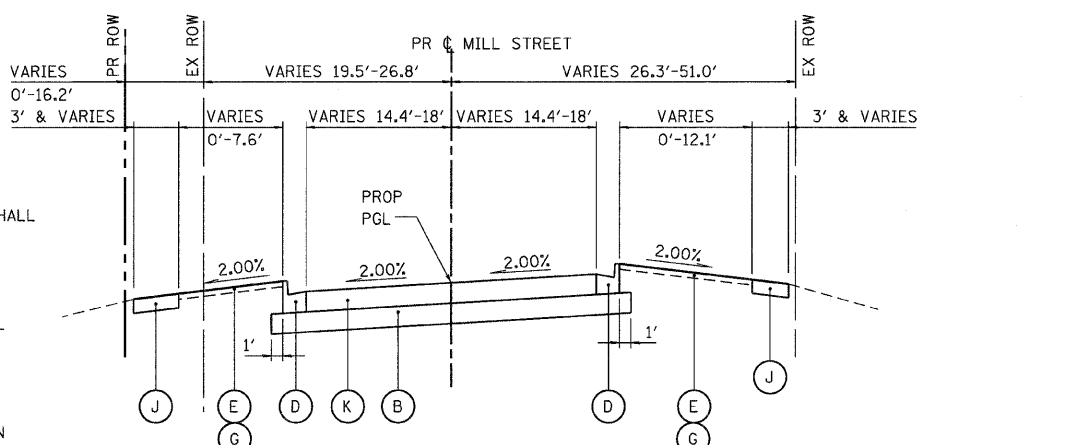
PROPOSED KREUTZER ROAD
STA 330+42.14 TO STA 332+03.30



PROPOSED KREUTZER ROAD
STA 199+94.60 TO STA 203+00.00



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

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

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

NOTES:

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 = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\01-mh\A171.dgn
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 USER NAME = JBS



REVISIONS	
NAME	DATE

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	18
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

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
- (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
- (X) 10" JOINTED PCC PAVEMENT W/PAVEMENT FABRIC

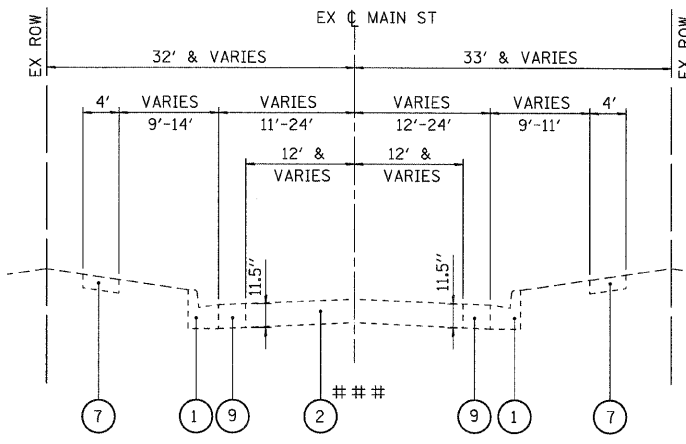
EXISTING LEGEND

- (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"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING AND PROPOSED TYPICAL SECTIONS
SHEET 6 OF 9

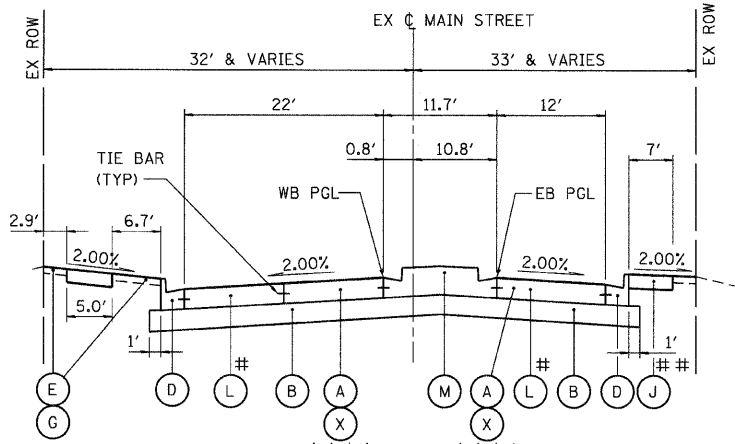
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 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: B.S.



EXISTING MAIN STREET

STA 496+80.25 TO STA 504+74.48

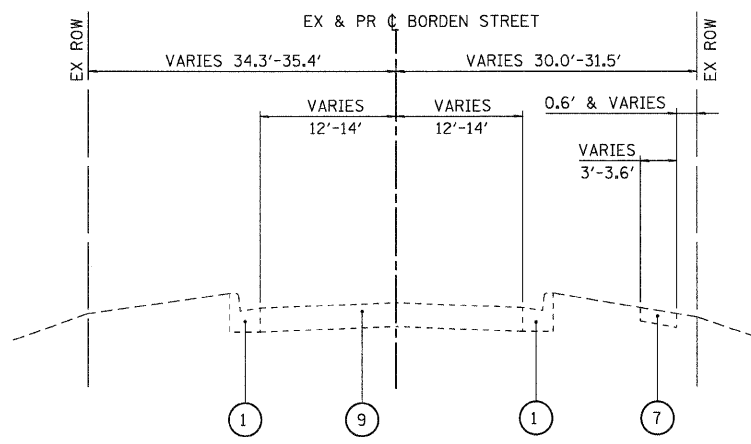
4" BITUMINOUS OVERLAY WITH BRICK PAVERS - STA 496+80.25 TO STA 500+00.00
 5.7" BITUMINOUS OVERLAY WITH 7" P.C.C. PAVEMENT



PROPOSED MAIN STREET

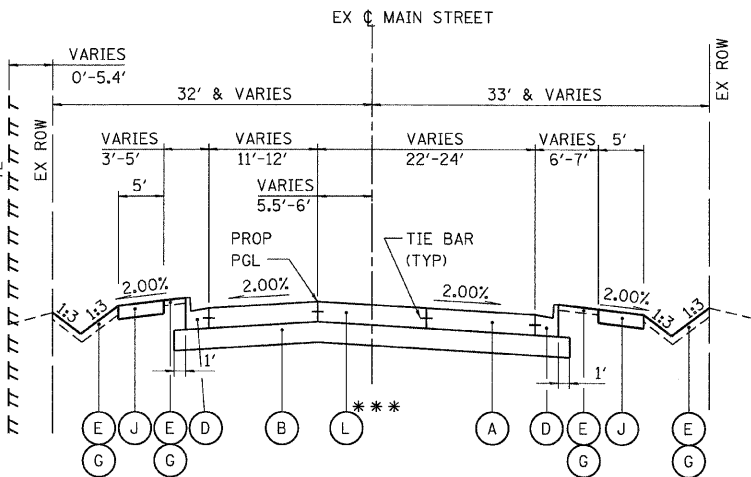
STA 500+70.47 TO STA 503+68.56

SIDEWALK OMISSION:
 STA 501+37.57 TO STA 502+60.31
 # STA 502+97.44 TO STA 503+68.56
 *** STA 501+53.63 TO STA 502+26.79 (EB) AND
 STA 501+22.09 TO STA 502+04.64 (WB)



EXISTING BORDEN STREET

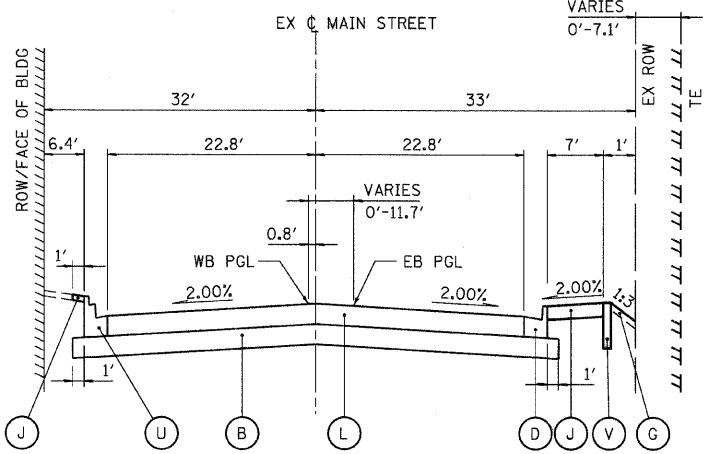
STA 8+50.45 TO STA 10+00.00



PROPOSED MAIN STREET

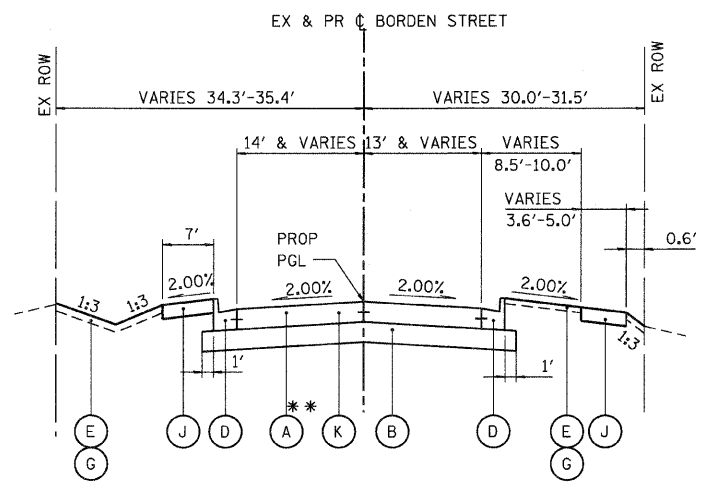
STA 496+80.25 TO STA 499+61.19

*** STA 496+80.25 TO STA 497+49.56



PROPOSED MAIN STREET

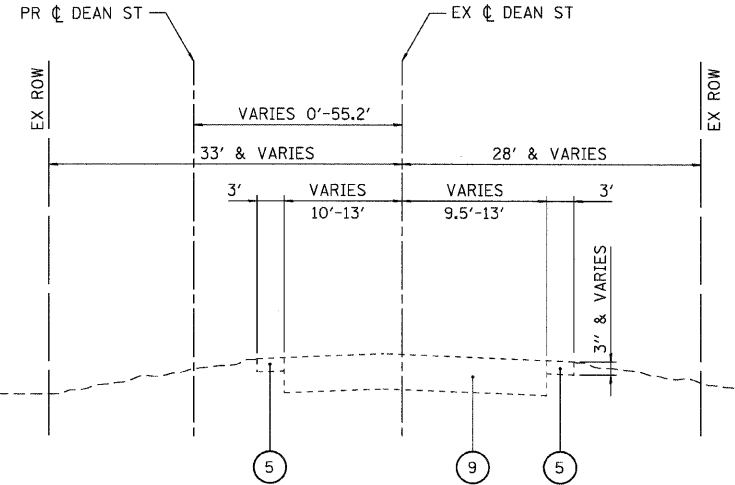
STA 503+68.56 TO STA 504+74.48



PROPOSED BORDEN STREET

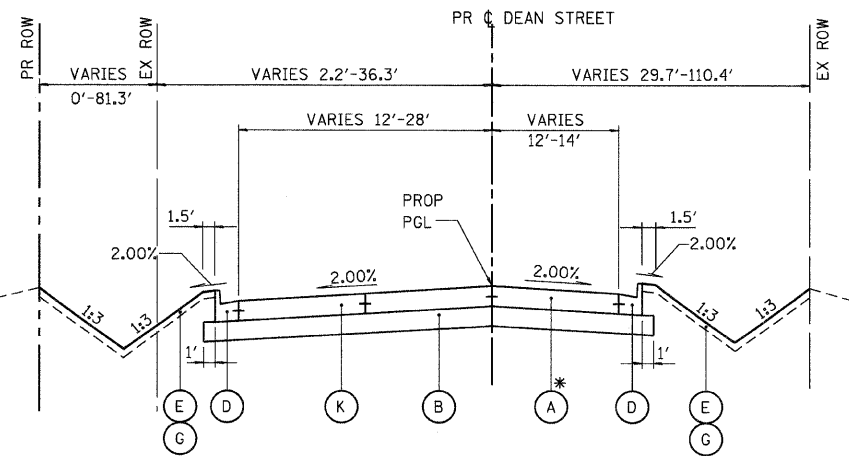
STA 8+50.45 TO STA 10+00.00

** STA 8+77.54 TO STA 10+00.00



EXISTING DEAN STREET

STA 300+00.00 TO STA 305+62.90



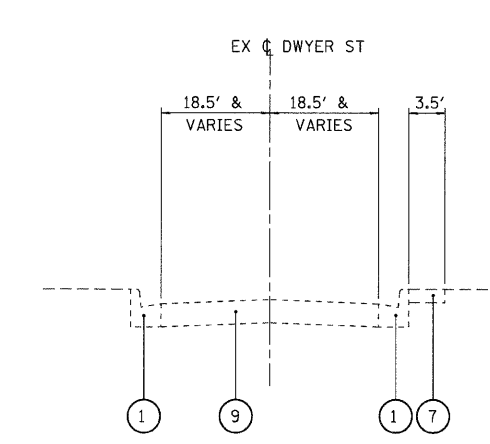
PROPOSED DEAN STREET

STA 300+00.00 TO STA 305+62.90

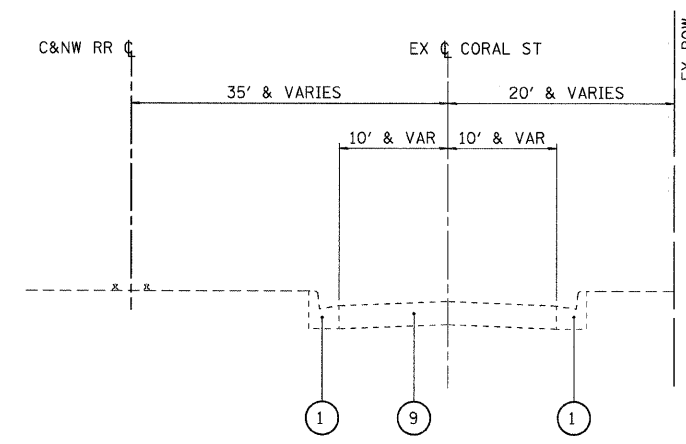
* STA 300+00.00 TO STA 301+40.65

PLOT DATE = Friday, August 07, 2009
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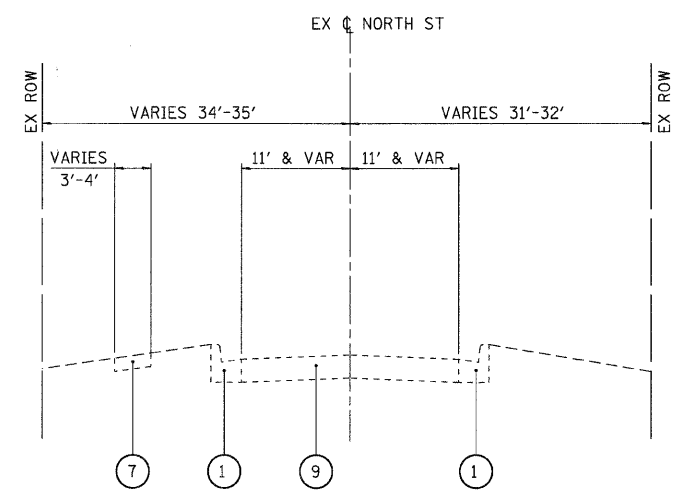
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	19
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



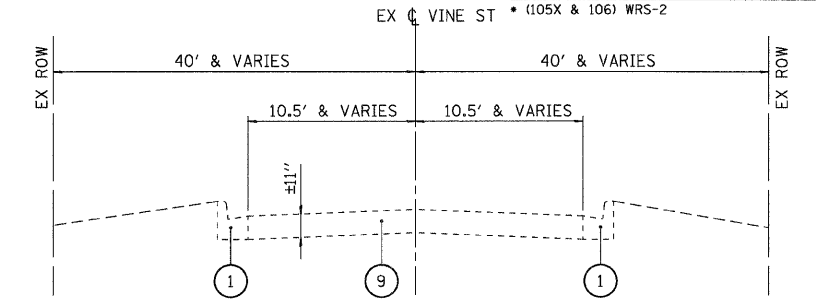
EXISTING DWYER STREET



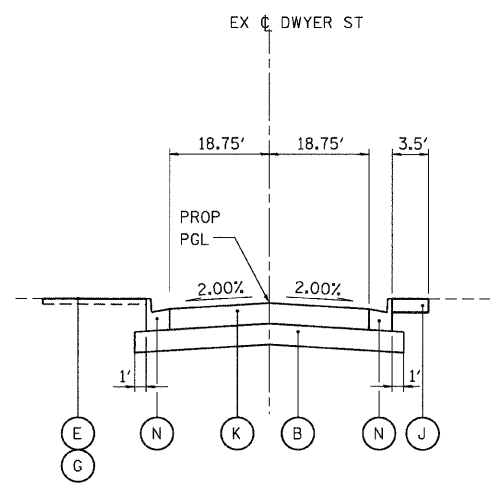
EXISTING CORAL STREET



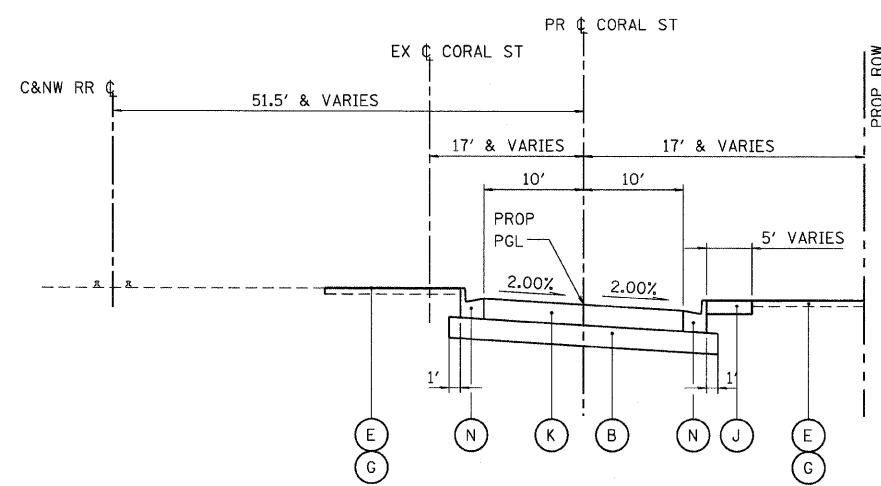
EXISTING NORTH STREET



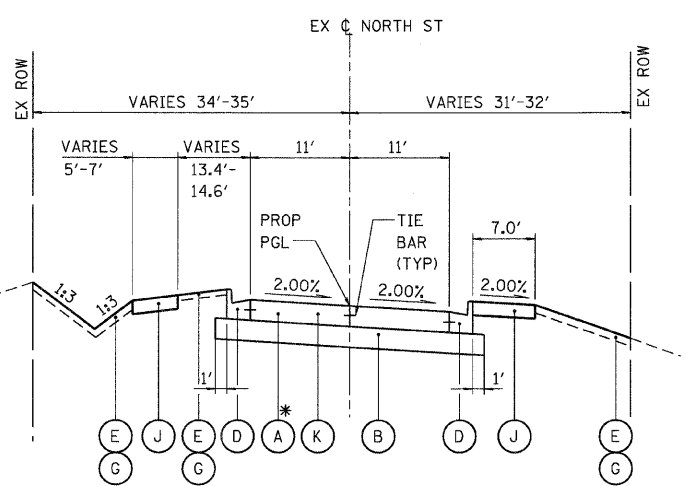
EXISTING VINE STREET



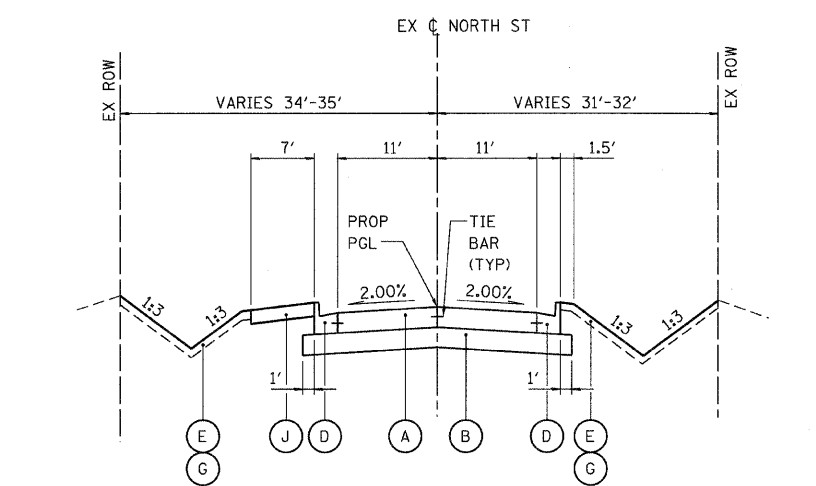
PROPOSED DWYER STREET



PROPOSED CORAL STREET

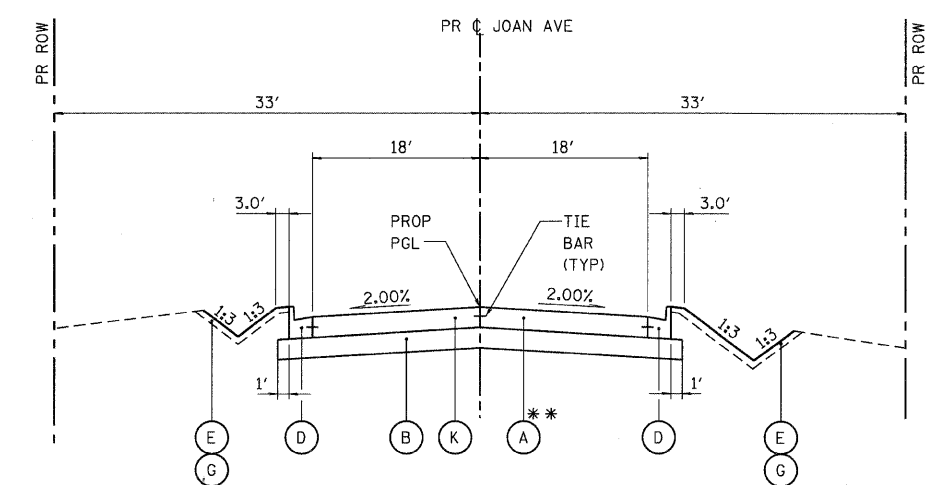


PROPOSED NORTH STREET



PROPOSED NORTH STREET

STA 8+42.36 TO STA 10+00.00



PROPOSED JOAN AVENUE

STA 5+47.34 TO STA 10+00.00
* STA 8+75.32 TO STA 10+00.00

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

NOTES:

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.

REVISIONS	
NAME	DATE

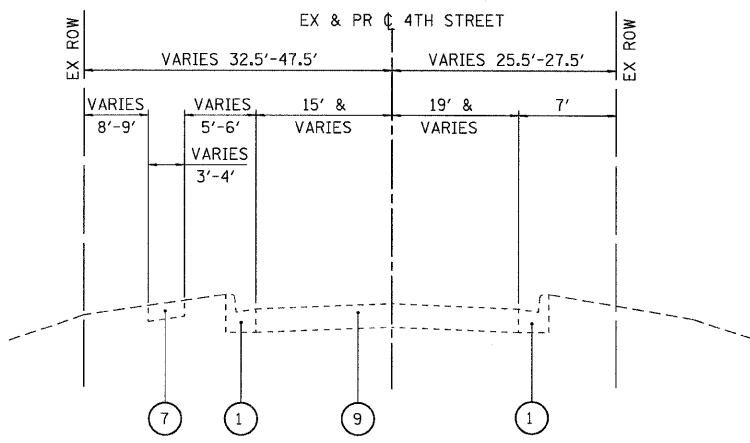


ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING AND PROPOSED TYPICAL SECTIONS
SHEET 7 OF 9

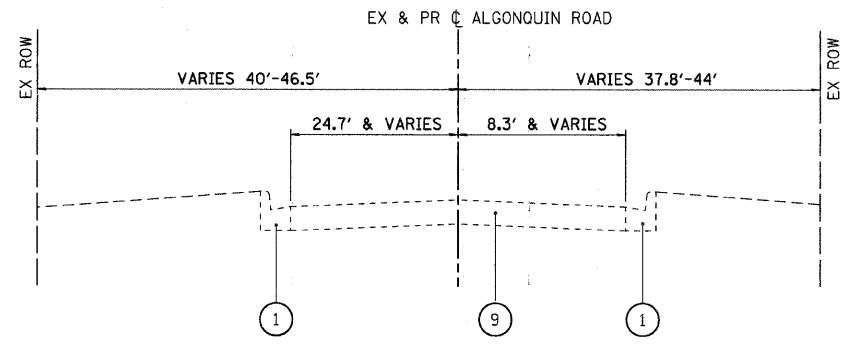
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DRAWN BY: E.D.
CHECKED BY: B.S.

PLOT DATE = Friday, August 07, 2009
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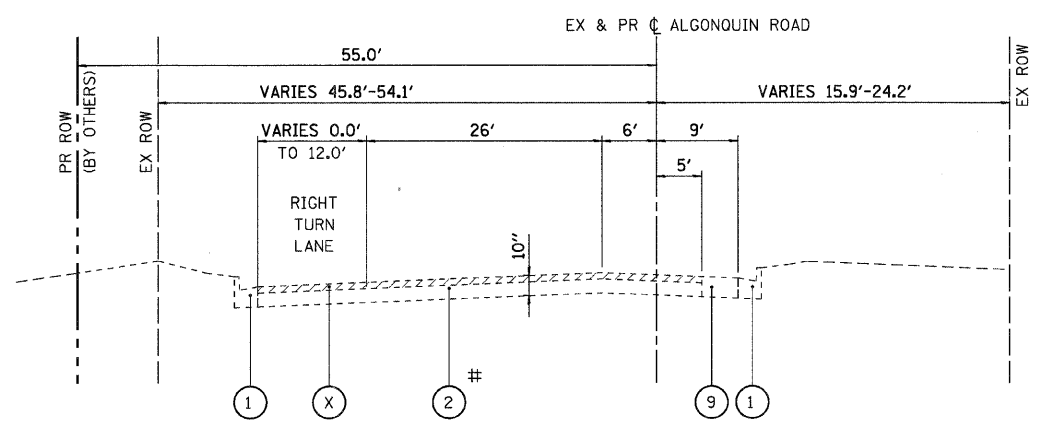
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	20
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



EXISTING 4TH STREET
STA 8+64.17 TO STA 10+00.00

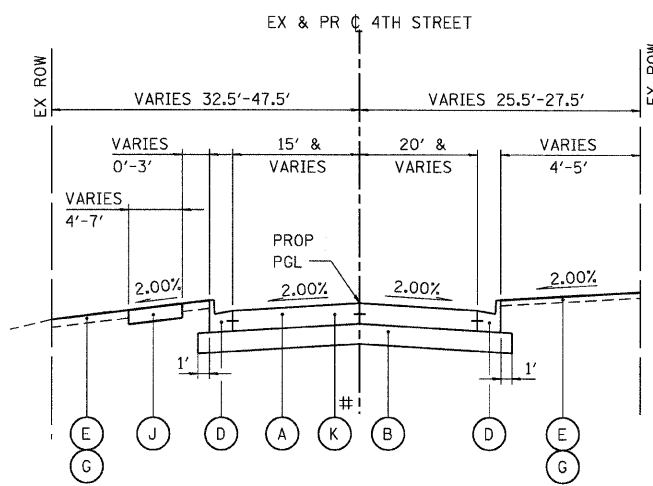


EXISTING ALGONQUIN ROAD
STA 88+36.33 TO STA 100+00

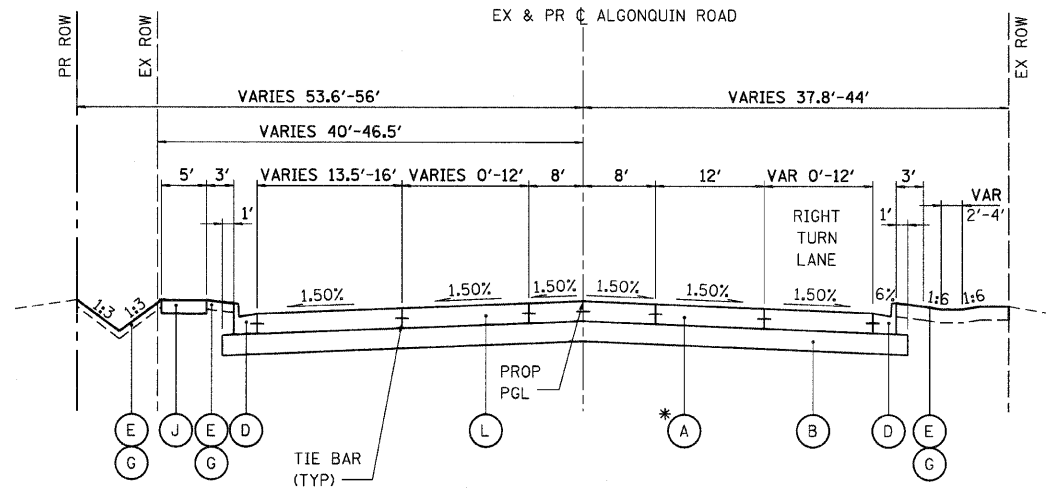


EXISTING ALGONQUIN ROAD
STA 100+00.00 TO STA 104+56.27

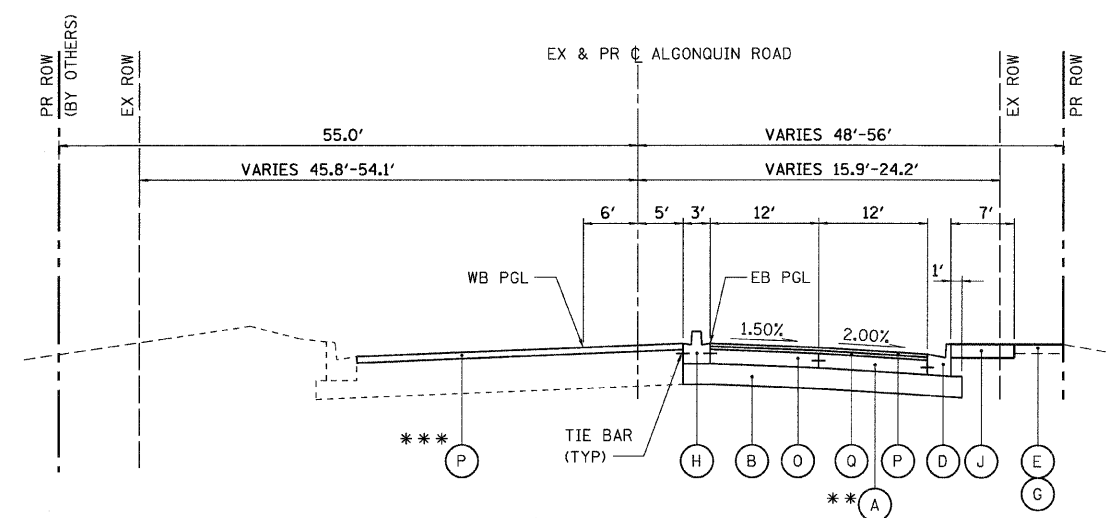
4" HOT-MIX ASPHALT OVERLAY
8 1/4" P.C.C. PAVEMENT



PROPOSED 4TH STREET
STA 8+64.17 TO STA 10+00.00
STA 8+64.17 TO STA 8+74.17



PROPOSED ALGONQUIN ROAD
STA 88+36.33 TO STA 100+00.00
* STA 96+31.71 TO STA 100+00.00



PROPOSED ALGONQUIN ROAD
STA 100+00 TO STA 104+56.27
** STA 100+00 TO STA 101+87.09
*** STA 100+91.24 TO STA 104+56.27

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
- W HMA SURFACE COURSE, MIX D, N70, 2"
- X HMA SURFACE REMOVAL, 1 3/4"
- Y HMA SURFACE REMOVAL, 2"



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.

REVISIONS	
NAME	DATE



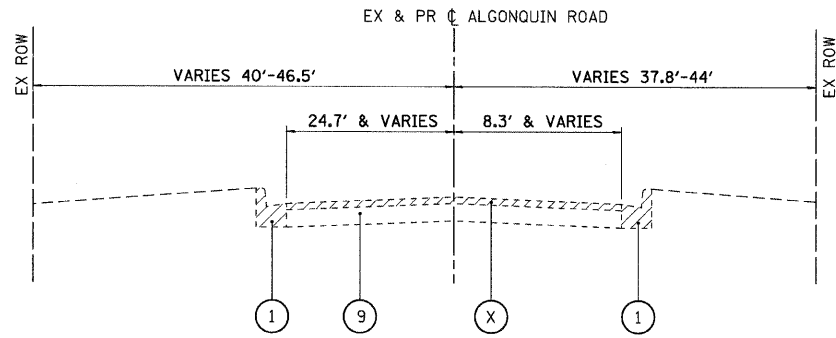
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
EXISTING AND PROPOSED TYPICAL SECTIONS
SHEET 8 OF 9

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

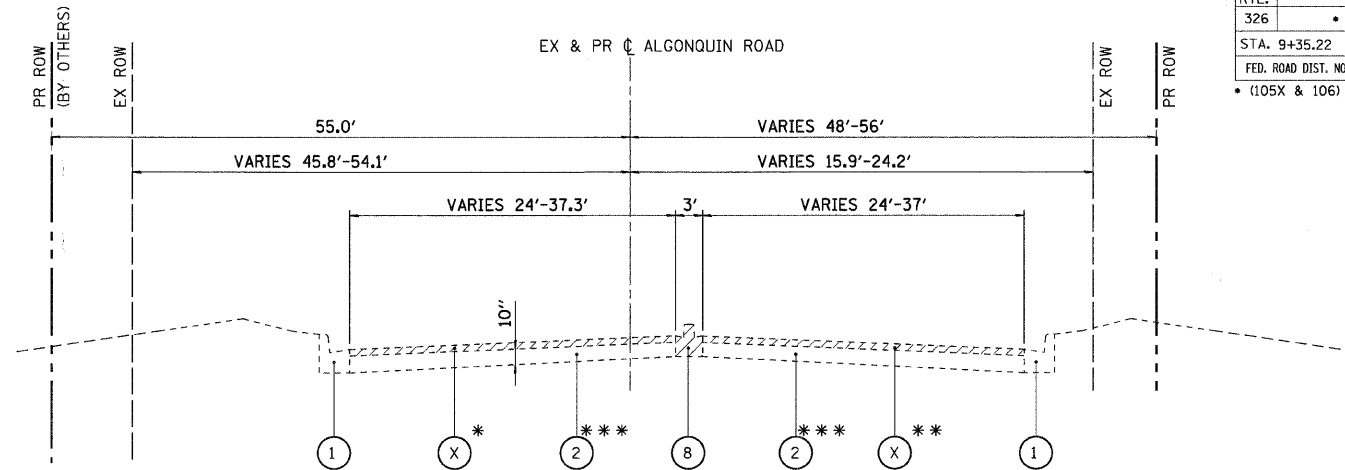
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CHECKED BY: B.S.

PLOT DATE = Friday, August 07, 2009
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 USER NAME = sbp

F.A.P. RTE. 326	SECTION *	COUNTY McHENRY	TOTAL SHEETS 502	SHEET NO. 20A
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* (105X & 106) WRS-2				

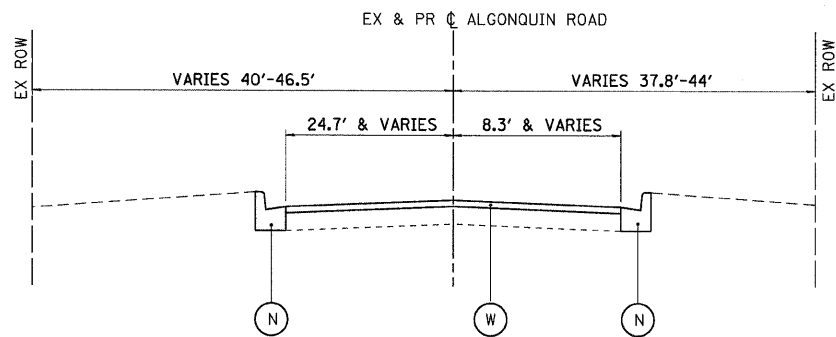


EXISTING ALGONQUIN ROAD
STA 87+42.47 TO STA 88+36.33

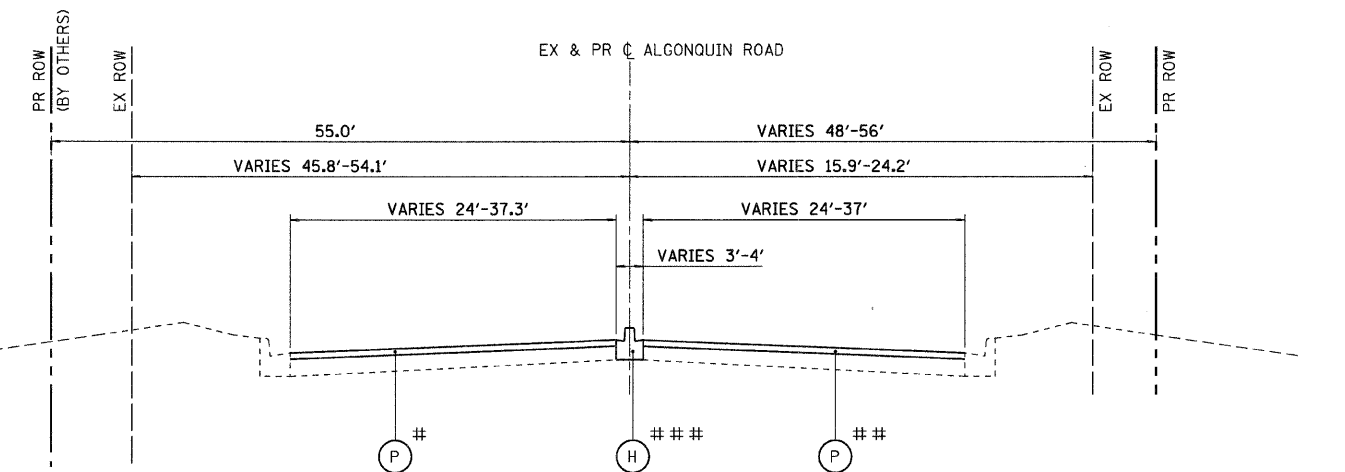


EXISTING ALGONQUIN ROAD
* STA 104+56.27 TO STA 110+11.73
** STA 104+56.27 TO STA 108+15.54

*** 4" HMA OVERLAY
8 1/4" PCC PAVEMENT



PROPOSED ALGONQUIN ROAD
STA 87+42.47 TO STA 88+36.33



PROPOSED ALGONQUIN ROAD
STA 104+56.27 TO STA 110+11.73
STA 104+56.27 TO STA 108+15.54
STA 104+56.47 TO STA 108+01.90

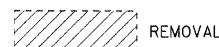
EXISTING LEGEND

- ① COMBINATION CURB AND GUTTER
- ② COMPOSITE PAVEMENT
- ③ BITUMINOUS OVERLAY, VARIES 3"-9", P.C.C. PAVEMENT, VARIES 7"-10"
- ④ AGGREGATE SHOULDER, VARIES 2"-15"
- ⑤ GRASS MEDIAN
- ⑥ BITUMINOUS SHOULDER, 4"-8"
- ⑦ P.C.C. PAVEMENT, 9.75"
- ⑧ P.C.C. SIDEWALK
- ⑨ P.C.C. MEDIAN
- ⑩ 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
- W HMA SURFACE COURSE, MIX D, N70, 2"
- X HMA SURFACE REMOVAL, 1 3/4"
- Y HMA SURFACE REMOVAL, 2"



NOTES:

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.

REVISIONS	
NAME	DATE

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

SCALE: VERT. NO SCALE
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	21
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

TREE REMOVAL (6 TO 15 UNIT DIAMETER)

STATION	OFFSET	UNITS
IL ROUTE 47		
63+15.14	30.2' RT	14
63+35.99	30.4' RT	12
67+24.39	34.1' RT	6
67+29.69	34.1' RT	6
67+38.69	36.9' RT	6
67+38.71	32.9' RT	6
67+41.28	37.4' RT	6
67+66.69	32.4' RT	6
67+69.44	32.7' RT	6
67+75.05	34.9' RT	6
67+81.33	34.3' RT	6
67+85.05	34.8' RT	6
72+33.98	57.8' LT	8
72+36.34	42.3' LT	12
75+54.22	81.4' RT	6
75+61.03	81.4' RT	6
80+64.91	65.6' RT	6
81+20.96	70.1' RT	12
83+22.06	41.4' LT	10
84+65.02	38.6' RT	6
86+10.14	34.3' RT	6
87+65.98	34.4' RT	6
87+73.84	31.6' RT	6
87+79.08	34.1' RT	6
97+21.84	46.1' LT	6
99+74.09	44.8' RT	6
99+76.51	38.5' RT	7
100+01.39	45.8' RT	6
101+46.80	47.5' RT	6
101+49.56	55.0' RT	6
101+49.70	69.5' RT	6
101+50.07	69.6' RT	6
101+55.75	55.9' RT	6
101+58.23	50.5' RT	6
127+97.47	61.1' RT	12
128+05.87	56.8' RT	10
128+16.40	60.3' RT	10
128+25.73	56.0' RT	10
128+34.74	60.8' RT	10
128+44.15	56.9' RT	10
128+52.73	60.0' RT	10
128+62.52	57.1' RT	10
128+72.41	62.0' RT	8
128+80.05	58.4' RT	8
128+89.42	61.8' RT	10
128+98.08	58' RT	10
129+07.05	61.9' RT	10
129+17.14	57.3' RT	10
129+25.87	61.7' RT	10
129+35.47	61.5' RT	10
129+45.82	58.5' RT	10
129+55.12	58.0' RT	8
129+69.06	61.5' RT	8
129+82.11	61.2' RT	8
130+28.94	52.4' RT	8
130+37.42	53.4' RT	6
130+47.05	50.2' RT	6
130+72.87	58.2' RT	6
130+78.25	64.2' RT	6
130+80.36	67.8' RT	8
131+33.45	59.8' RT	10
131+38.95	59.9' RT	10
133+06.34	81.2' RT	10
133+12.29	72.5' RT	10
133+19.21	86.6' RT	10
DEAN STREET		
302+02.67	13.9' LT	6

TOTAL = 525 UNITS

TREE REMOVAL (OVER 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
IL ROUTE 47		
24+12.59	61.3' LT	44
25+30.83	75.4' LT	40
37+19.51	49.0' LT	18
50+16.81	38.8' RT	40
51+02.99	43.2' RT	26
63+49.99	47.2' RT	20
80+87.19	59.9' RT	20
81+23.99	89.2' RT	26
83+61.24	27.4' LT	26
83+62.82	42.5' LT	20
83+81.89	44.6' LT	16
95+74.61	62.4' LT	30
96+41.06	47.0' RT	18
96+68.87	47.1' RT	18
96+86.01	43.8' LT	18
97+04.84	45.0' LT	42
130+54.92	51.1' RT	20
130+58.11	88.8' RT	36
130+67.82	65.7' RT	20
DEAN STREET		
302+16.03	20.6' LT	24
MILL STREET		
401+06.41	27.1' LT	24

TOTAL = 546 UNITS

TREE REMOVAL, ACRES

STATION TO	STATION	OFFSET	ACRES
51+23	62+39	RT	0.38

TOTAL = 0.38 ACRES

CURB REMOVAL

STATION	TO	STATION	OFFSET	LENGTH (FT)
30+95.85		31+70.26	RT	105.4
35+16.64		36+68.62	RT	114.9
54+56.69		55+71.98	LT	305.8
66+35.33		69+00.40	RT	314.6
73+02.40		75+44.50	LT	109.2
79+00.62		80+87.75	RT	166.7
80+14.20		80+80.74	LT	75.7
82+26.55		82+77.86	RT	57.4
91+27.71		91+68.98	LT	121.4
99+29.65		99+81.89	RT	49.4
99+75.28		101+61.79	RT	248.2
100+62.71		100+88.35	LT	69.5
102+63.77		105+52.21	RT	331.9
112+66.47		114+33.81	LT	171.8
ALGONQUIN ROAD				
97+95.74		98+66.12	LT	45.3

TOTAL = 2,287 FEET

FENCE REMOVAL

STATION	TO	STATION	OFFSET	LENGTH (FT)
62+49.58		62+55.60	LT	66.3
62+58.92		72+33.15	LT	1413.4
66+96.20		67+27.05	RT	30.9
67+36.44		67+68.21	RT	32.4
67+79.97		68+09.43	RT	30.3
77+54.85		77+99.78	RT	68.9
112+66.70		114+33.68	LT	171.5

TOTAL = 1,814 FEET

COMBINATION CURB AND GUTTER REMOVAL

STATION	TO	STATION	OFFSET	LENGTH (FT)
9+35		12+52	LT	572.9
25+34		44+36	LT	1902.4
71+44		75+44	LT	401.3
78+05		83+90	LT	712.3
84+31		88+34	LT	542.0
91+03		92+10	LT	116.7
95+68		101+66	LT	597.2
96+70		97+04	LT	72.1
102+82		111+11	LT	870.7
111+25		111+76	LT	115.9
138+09		142+09	LT	399.9
9+35		14+64	RT	584.4
25+22		35+04	RT	982.5
46+80		47+60	RT	120.7
72+23		75+26	RT	303.3
78+28		87+34	RT	917.0
84+14		84+80	RT	99.9
87+59		95+01	RT	761.1
88+74		94+82	RT	694.3
95+79		101+66	RT	588.6
102+54		107+92	RT	642.8
108+33		110+62	RT	297.5
110+98		115+85	RT	484.4
127+96		132+92	RT	512.5
138+10		142+09	RT	399.5
KREUTZER RD				
			RT	424.6
			LT	226.9
MILL ST				
394+12		399+78	LT	578.1
400+27		405+68	LT	551.3
394+12		398+33	RT	420.4
399+54		399+66	RT	19.4
400+17		405+69	RT	573.9
MAIN ST				
493+99		499+92	LT	720.7
500+32		501+35	LT	200.3
496+07		499+70	RT	373.5
500+17		501+38	RT	142.4
502+60		504+67	RT	207.8
CORAL ST				
			LT	232.5
			LT/RT	109.3
			RT	207.0
NORTH ST				
8+42		11+67	LT	307.3
8+42		11+67	RT	283.3
NOAH ST				
			LT	76.8
			RT	75.5
ALGONQUIN RD				
87+43		99+74	LT	1260.9
88+04		104+55	RT	1700.2
JOAN				
10+25		11+46	LT	139.7
10+26		11+46	RT	136.6
REED RD				
698+13		701+92	LT	400.9
698+13		701+92	RT	398.1

TOTAL = 23,459 FEET

SIDEWALK REMOVAL

STATION	TO	STATION	OFFSET	AREA (SF)
44+34.04		47+07.11	RT	1,249.3
47+34.44		49+42.69	RT	903.0
77+33.19		77+69.28	LT	113.1
77+81.22		79+27.41	RT	537.4
78+68.11		79+08.51	LT	202.8
79+27.31		80+97.94	RT	857.2
81+45.57		82+40.44	RT	238.4
82+63.23		83+30.62	RT	470.3
83+38.46		83+92.14	LT	544.7
83+60.16		87+87.63	RT	2,198.7
96+09.43		96+77.26	RT	239.5
BIKE PATH NE CORNER REED RD				
			RT	821.9
MILL ST				
394+11.69		394+34.99	LT	82.8
394+62.97		395+76.47	LT	403.1
396+13.83		399+73.28	LT	1,286.7
400+32.58		401+68.48	LT	500.6
401+45.43		402+43.94	RT	384.3
401+87.64		402+58.33	LT	254.6
402+87.68		404+52.53	LT	565.1
404+22.14		405+26.23	RT	342.5
404+67.22		404+71.65	LT	13.0
74+19.86		75+51.73	LT	558.4
MAIN ST				
496+80.29		498+78.77	LT	743.8
496+80.76		499+63.77	RT	1,060.8
498+99.78		499+18.14	LT	61.7
499+29.41		499+66.16	LT	203.2
500+29.14		501+69.20	RT	572.6
500+38.99		501+30.44	LT	344.2
CORAL ST				
601+26.61		602+68.15	LT	753.3
NORTH ST				
10+35.51		11+66.87	LT	457.0
ALGONQUIN RD				
88+00.00		96+73.50	LT	3,498.5
88+36.33		88+61.54	RT	101.8
88+82.15		89+13.59	RT	126.1
96+99.87		98+04.17	LT	390.9
98+54.59		99+45.74	LT	363.1

TOTAL = 21,444 FEET

PAVED SHOULDER REMOVAL

STATION	TO	STATION	OFFSET	AREA (SY)
14+69		19+94	LT	352.3
14+64		20+04	RT	350.9
21+73		25+08	LT	256.5
22+53		24+95	RT	166.9
36+60		39+24	RT	361.2
66+84		69+05	RT	248.5
107+01		110+52	LT	275.4
108+37		115+03	RT	599.4
111+11		111+87	LT	56.2
134+82		142+08	LT	676.3
135+01		142+09	RT	506.5
KREUTZER RD				
330+42		331+37	LT	32.3
201+21		203+00	LT	119.1

TOTAL = 4,002 FEET

GUARDRAIL REMOVAL

STATION	TO	STATION	OFFSET	LENGTH (FT)
21+70.88		24+89.45	RT	319.0
23+23.50		25+11.62	LT	189.8
25+18.98		27+49.04	RT	231.7
25+39.44		28+53.46	LT	324.8

TOTAL = 1,065 FEET

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6FT POSTS

STATION	TO	STATION	OFFSET	LENGTH (FT)
55+85.90		59+35.90	RT	350.0
114+50.00		115+75.00	LT	125.0
119+96.00		123+21.00	LT	325.0

TOTAL = 800.0 FEET

STEEL PLATE BEAM GUARD RAIL, TYPE A, 9FT POSTS

STATION	TO	STATION	OFFSET	LENGTH (FT)
17+97.70		19+97.70	LT	200.0
23+07.10		24+94.60	RT	187.5
25+45.80		27+70.80	LT	225.0
11+275.00		11+45		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	22
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

STORM SEWER REMOVAL, 8 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
76+13.85	20.3 LT	76+17.46	19.3 RT	39.7
76+17.46	19.3 RT	76+20.11	108.6 RT	89.3
76+16.40	22.2 LT	76+28.92	20.8 LT	12.6
76+19.61	20.5 RT	76+29.48	27.8 RT	12.2
76+31.08	28.5 RT	76+36.77	28.9 RT	5.7
76+34.18	26.9 LT	76+39.83	22.2 LT	7.4
ALGONQUIN RD				
102+29.57	35.6 RT	102+50.11	10.0 RT	32.8
TOTAL				200

STORM SEWER REMOVAL, 15 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
92+96.36	35.6 LT	94+65.12	25.2 LT	188.3
94+71.14	25.2 LT	95+76.96	24.6 LT	105.5
95+82.96	24.3 LT	97+06.22	15.4 LT	123.3
97+12.21	15.4 LT	98+07.14	23.3 LT	95.1
117+90.18	60.2 RT	118+20.68	59.9 RT	30.5
118+20.68	59.9 RT	118+35.63	45.9 RT	20.5
136+42.77	13.4 RT	136+44.49	52.7 LT	66.2
ALGONQUIN RD				
98+09.12	19.2 RT	98+14.74	21.7 RT	6.2
100+40.00	14.4 RT	100+81.38	14.4 RT	41.4
100+86.37	14.4 RT	100+94.34	14.4 RT	8.0
101+00.33	14.3 RT	101+87.45	12.0 RT	87.2
102+52.60	9.1 RT	104+20.20	9.8 RT	167.6
104+23.21	38.4 LT	104+23.20	6.8 RT	45.2
TOTAL				965

STORM SEWER REMOVAL, 33 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
25+59.23	24.2 LT	28+06.03	13.1 LT	249
28+06.03	13.2 LT	35+06.38	34.6 LT	700.9
35+06.38	34.6 LT	36+62.40	27.2 LT	154.1
36+67.43	27.2 LT	39+51.38	42.0 LT	279.9
39+51.38	42.0 LT	39+92.69	41.7 LT	40.6
39+97.78	41.6 LT	40+40.62	40.5 LT	42.1
40+40.62	40.5 LT	45+41.13	22.9 LT	494.3
45+46.16	22.9 LT	55+31.97	25.2 LT	985.8
55+36.97	25.2 LT	62+12.98	27.6 LT	676
62+17.97	27.6 LT	62+90.84	27.2 LT	72.9
62+90.84	27.2 LT	65+10.59	26.0 LT	219.7
65+15.59	26.0 LT	68+93.13	25.5 LT	377.5
68+93.13	25.5 LT	72+38.67	23.9 LT	345.5
TOTAL				4638

STORM SEWER REMOVAL, 10 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
83+99.51	79.5 LT	84+05.74	26.5 LT	53.3
TOTAL				53

STORM SEWER REMOVAL, 42 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
16+58.87	54.0 LT	20+15.64	55.5 LT	363.2
20+21.53	54.7 LT	20+73.09	30.9 LT	57.5
20+77.82	29.7 LT	24+95.07	31.0 LT	421.2
TOTAL				842

STORM SEWER REMOVAL, 12 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
18+01.04	48.5 LT	18+01.09	61.4 LT	12.9
55+36.60	26.5 LT	55+60.42	41.1 LT	28
62+16.88	363.0 LT	62+45.81	360.2 LT	29.1
62+17.23	29.4 LT	62+80.59	75.7 LT	78.5
62+46.83	363.1 LT	62+57.09	353.9 LT	13.8
62+78.20	127.2 LT	62+82.38	79.7 LT	47.7
62+89.43	330.4 RT	63+14.89	341.6 RT	27.8
64+99.99	30.0 LT	65+10.70	26.7 LT	11.2
72+65.42	30.8 LT	72+89.28	55.0 LT	34
72+41.68	0.4 LT	72+65.42	30.8 LT	38.5
73+03.76	21.0 LT	73+05.04	13.8 RT	34.8
73+07.44	17.2 RT	73+18.03	21.6 RT	11.5
72+95.52	37.1 RT	73+04.09	18.5 RT	20.5
73+05.94	22.5 LT	73+10.22	20.5 LT	4.7
74+33.30	20.1 RT	74+34.23	17.0 LT	37.1
74+35.74	22.6 RT	75+22.33	22.3 RT	86.6
73+95.86	28.5 RT	74+30.77	23.0 RT	35.3
75+51.81	233.8 LT	75+86.49	236.7 LT	34.3
75+51.99	231.3 LT	75+52.35	226.2 LT	5
75+86.76	234.2 LT	75+87.36	228.7 LT	5.6
77+02.32	137.2 RT	77+08.37	176.1 RT	39.4
77+60.73	39.6 RT	77+75.56	51.7 RT	19.1
77+45.76	95.4 RT	77+73.92	54.2 RT	49.8
78+41.43	21.9 LT	78+62.19	21.4 RT	48.1
78+74.92	38.2 RT	79+46.55	30.1 RT	72.1
78+71.23	63.2 RT	78+71.85	41.5 RT	21.7
78+62.95	23.1 RT	78+70.42	35.9 RT	14.8
80+56.42	25.7 LT	80+59.70	20.9 LT	5.8
83+78.72	20.4 LT	84+03.48	24.4 LT	25.1
85+43.27	20.2 LT	85+43.48	22.4 RT	42.6
85+42.95	23.9 LT	85+43.19	21.1 LT	2.8
87+12.92	20.2 LT	87+14.71	22.5 RT	42.7
87+12.84	25.5 LT	87+12.91	21.1 LT	4.4
88+38.01	20.7 LT	88+40.07	23.4 RT	44.1
88+37.06	29.0 LT	88+37.91	21.5 LT	7.6
88+53.99	92.5 LT	88+85.90	87.9 LT	31.9
90+01.22	17.4 LT	90+01.27	24.2 RT	41.6
94+69.76	11.1 LT	94+92.05	30.9 RT	47.5
94+68.40	22.2 LT	94+69.24	12.7 LT	9.5
95+80.58	11.7 LT	95+80.81	30.8 RT	42.4
95+80.11	21.5 LT	95+80.58	11.7 LT	9.9
97+06.96	29.7 RT	97+09.07	12.2 LT	41.9
100+31.24	22.6 RT	101+18.21	34.2 RT	87.7
101+21.09	22.0 RT	101+21.15	31.7 RT	9.7
101+24.16	34.8 RT	101+92.94	37.9 RT	68.8
101+98.91	38.1 RT	102+55.78	39.5 RT	56.9
102+61.72	39.0 RT	103+51.51	20.9 RT	91.6
104+97.26	24.9 LT	108+04.01	34.1 LT	310.7
107+91.22	21.3 LT	108+04.58	32.8 LT	17.8
108+80.55	19.9 LT	109+07.03	33.3 LT	30.1
110+40.42	39.2 LT	110+40.50	29.1 LT	10
138+45.14	13.8 RT	139+24.57	13.1 RT	79.7
137+44.58	13.7 RT	138+40.19	14.0 RT	96.4
136+45.22	14.2 RT	137+39.62	14.0 RT	95.2
ALGONQUIN RD				
98+06.36	31.7 LT	98+06.81	15.7 RT	47.4
98+08.79	32.9 LT	98+63.69	39.7 LT	55.3
102+50.92	35.0 RT	102+50.11	10.0 RT	25.0
101+92.43	11.1 RT	101+95.41	10.0 RT	3.2
102+01.14	9.0 RT	102+47.60	9.1 RT	46.5
TOTAL				2394

STORM SEWER REMOVAL, 18 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
79+52.54	29.6 RT	80+37.93	22.7 RT	85.5
80+41.71	19.6 RT	80+53.95	25.3 LT	46.5
80+57.73	28.2 LT	82+26.51	27.9 LT	169.1
87+15.80	28.5 LT	88+34.27	31.4 LT	118.7
85+45.69	26.9 LT	87+09.81	28.4 LT	164.4
84+08.44	24.9 LT	85+39.70	26.8 LT	131.5
82+32.49	27.9 LT	84+03.48	25.3 LT	171.3
88+39.27	31.3 LT	89+98.67	18.5 LT	159.5
90+03.68	18.4 LT	90+99.00	25.4 LT	95.3
91+04.01	25.6 LT	92+90.34	25.6 LT	185.8
108+08.89	34.3 LT	110+37.90	41.4 LT	234.2
105+75.86	38.7 RT	106+67.57	36.9 RT	89.9
106+71.83	36.9 RT	107+88.47	37.3 RT	114
107+93.58	37.1 RT	108+28.20	37.0 RT	33.8
108+33.31	37.1 RT	110+67.20	36.3 RT	228.5
110+42.00	85.1 LT	110+78.95	43.5 LT	56.6
110+67.20	36.3 RT	110+98.97	36.7 RT	31.1
110+98.97	36.7 RT	113+22.55	35.5 RT	218.5
110+81.98	141.9 LT	111+85.91	87.7 LT	123.7
113+22.55	35.5 RT	114+90.95	34.4 RT	164.7
114+96.00	34.2 RT	115+32.36	37.5 RT	35.7
115+32.36	37.5 RT	115+66.27	39.7 RT	33.2
115+66.27	39.7 RT	117+72.31	37.5 RT	203.8
118+39.82	44.8 RT	119+46.86	53.2 RT	107.4
117+72.31	37.5 RT	118+39.82	44.8 RT	67.9
TOTAL				3071

PIPE UNDERDRAINS, 4-INCH	
STA	LENGTH
IL ROUTE 47	
12+00.00	106.8
31+15.00	83.6
34+19.70	89.5
39+58.30	95.0
46+72.00	79.4
52+25.00	85.0
56+08.00	83.6
60+28.00	74.9
70+21.00	69.2
73+66.91	70.0
76+78.00	85.0
87+93.00	80.5
90+97.50	69.3
92+10.00	68.5
93+77.00	67.0
96+85.00	81.8
100+50.00	95.7
107+40.00	92.0
111+00.00	70.0
117+24.00	88.0
121+78.00	83.0
131+05.00	75.0
134+72.00	97.0
DEAN STREET	
302+96.75	43.0
MILL STREET	
396+67.00	39.0
403+97.60	35.0
MAIN STREET	
497+64.81	37.6
ALGONQUIN ROAD	
95+25.00	52.8
97+89.64	70.3
104+23.31	47.0
JOAN AVENUE	
06+00.00	40.5
REED ROAD	
699+03.50	93.0

STORM SEWER REMOVAL, 24 INCH				
STA	OFFSET	STA	OFFSET	LENGTH
73+06.17	23.6 LT	74+31.79	19.6 LT	125.7
72+43.67	23.8 LT	73+01.17	23.5 LT	57.5
74+36.79	19.5 LT	76+10.58	23.2 LT	173.8
119+46.86	53.2 RT	121+62.34	46.6 RT	215.6
121+67.34	46.6 RT	123+83.52	48.9 RT	216.2
123+88.51	48.7 RT	126+14.20	27.7 RT	226.7
133+91.28	90.2 LT	134+04.72	55.8 LT	36.7
134+08.18	53.2 LT	134+78.22	47.0 LT	68.2
ALGONQUIN RD				
104+26.12	10.5 RT	104+46.81	15.3 RT	21.2
104+51.45	18.5 RT	104+73.61	51.9 RT	40.1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SCHEDULE OF QUANTITIES
SHEET 2 OF 4

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



PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\01-sh\1222.schmed.dwg
 USER = j...
 USER NAME = j...

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	23
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (105X & 106) WRS-2				

PIPE CULVERT REMOVAL					
Pipe Size	STA	OFFSET	STA	OFFSET	LENGTH
18 INCH	20+14.03	58.6 RT	21+79.78	60.0 RT	162.4
18 INCH	22+45.40	22.1 LT	23+96.16	26.2 LT	152
18 INCH	28+52.54	42.4 RT	29+46.97	40.2 RT	92.9
18 INCH	29+95.51	41.2 RT	30+37.10	39.1 RT	41
18 INCH	30+96.71	35.0 RT	31+87.42	31.5 RT	90.1
12 INCH	35+05.90	28.1 LT	35+78.66	26.6 LT	71.9
18 INCH	35+11.82	27.3 RT	36+82.95	34.7 RT	173.6
24 INCH	39+51.87	63.5 LT	39+54.05	52.5 RT	116.1
18 INCH	40+06.25	78.3 RT	40+47.64	50.7 RT	50.7
18 INCH	41+52.77	32.6 RT	41+79.94	32.7 RT	27.6
18 INCH	45+60.66	31.8 RT	47+94.43	31.3 RT	233.8
18 INCH	54+59.52	40.3 LT	55+71.14	42.0 LT	111.6
18 INCH	55+72.32	42.5 LT	55+73.38	60.0 RT	102.5
24 INCH	71+20.99	31.8 LT	71+44.09	32.0 LT	23.1
18 INCH	111+93.74	147.1 LT	112+64.38	180.1 LT	84.3
18 INCH	117+65.63	34.1 RT	118+53.99	33.8 RT	88.4
24 X 24	119+47.08	34.3 RT	119+61.04	35.0 LT	70.7
	132+08.63	38.1 RT	132+27.07	67.9 RT	35.3
	134+78.53	50.2 LT	134+78.87	57.1 LT	6.9
18 INCH	302+19.37	15.3 LT	302+58.42	19.7 LT	36.3
18 INCH	303+23.82	21.1 LT	303+47.92	20.1 LT	24.1
18 INCH	304+11.54	14.5 RT	304+38.81	14.8 RT	26.8
18 INCH	304+89.89	14.6 RT	305+01.43	14.4 RT	11.5

TOTAL = 1834 LF

INLETS TO BE REMOVED		
STA	OFFSET	EACH
100+28.69	22.7 RT	1
101+21.02	21.2 RT	1
103+53.95	20.9 RT	1
117+90.15	60.5 RT	1
118+20.49	60.3 RT	1
136+42.74	14.2 RT	1
137+42.10	14.1 RT	1
138+44.07	14.2 RT	1
139+27.07	13.1 RT	1
62+16.64	360.3 LT	1
62+46.31	363.1 LT	1
62+88.74	342.1 RT	1
63+15.68	330.1 RT	1
75+22.27	22.2 RT	1
75+51.81	233.8 LT	1
75+52.53	223.8 LT	1
75+86.49	236.7 LT	1
75+87.63	226.2 LT	1
75+95.00	271.7 RT	1
76+30.40	27.9 RT	1
76+46.01	188.4 RT	1
77+08.30	177.0 RT	1
77+60.11	38.8 RT	1
77+75.89	52.8 RT	1
78+41.38	21.9 LT	1
78+62.44	22.3 RT	1
80+59.65	20.9 LT	1
82+30.41	22.6 RT	1
83+71.79	20.5 LT	1
83+74.68	22.9 RT	1
85+43.21	20.3 LT	1
85+43.43	23.2 RT	1
87+11.93	19.9 LT	1
87+14.69	23.3 RT	1
88+37.95	20.7 LT	1
88+40.02	23.3 RT	1
90+01.17	18.2 LT	1
90+01.22	25.0 RT	1
90+99.94	35.6 RT	1
91+01.50	25.6 LT	1
92+93.06	13.4 LT	1
94+69.30	11.9 LT	1
95+80.43	11.7 LT	1
97+05.52	12.4 LT	1
97+06.86	30.6 RT	1
ALGONQUIN ROAD		
101+90.00	12.0 RT	1
102+50.00	9.0 RT	1
98+06.00	32.0 LT	1

TOTAL 48

CONCRETE HEADWALL FOR PIPE DRAINS

STA	EACH
IL ROUTE 47	
39+58.30	1
134+72.00	1

TOTAL = 2

PIPE UNDERDRAINS, 4" (SPECIAL)

STA	LENGTH
IL ROUTE 47	
39+58.30	10.0
134+72.00	10.0

TOTAL = 20 LF

MANHOLES TO BE REMOVED		
STA	OFFSET	EACH
104+94.76	25.0 LT	1
105+73.37	38.6 RT	1
106+67.57	36.9 RT	1
107+91.02	37.1 RT	1
108+06.44	34.4 LT	1
108+30.75	36.9 RT	1
110+67.20	36.3 RT	1
110+80.54	87.0 LT	1
111+89.73	144.0 LT	1
112+36.93	168.5 LT	1
112+41.24	167.0 LT	1
113+22.55	35.5 RT	1
114+93.46	34.0 RT	1
115+32.36	37.5 RT	1
115+66.27	39.7 RT	1
118+35.64	45.9 RT	1
119+46.70	52.5 RT	1
121+64.84	46.6 RT	1
123+86.03	48.9 RT	1
126+14.21	27.7 RT	1
134+05.61	53.5 LT	1
134+80.78	46.7 LT	1
16+56.40	53.9 LT	1
20+18.09	55.7 LT	1
20+75.35	29.9 LT	1
25+00.58	30.9 RT	1
35+99.23	30.9 RT	1
36+64.92	27.0 LT	1
45+43.64	22.8 LT	1
47+85.36	32.9 RT	1
55+34.46	25.2 LT	1
55+62.54	42.4 LT	1
62+15.48	27.6 LT	1
62+82.60	77.2 LT	1
64+97.59	30.7 LT	1
65+13.08	26.0 LT	1
68+93.11	25.5 LT	1
71+54.92	30.1 RT	1
71+70.72	28.6 RT	1
72+40.14	1.6 RT	1
72+41.17	23.8 LT	1
73+03.66	23.5 LT	1
73+05.13	16.3 RT	1
73+93.38	28.9 RT	1
73+94.62	36.7 RT	1
75+90.28	236.2 LT	1
76+15.84	1.5 RT	1
76+17.46	19.3 RT	1
76+20.11	108.6 RT	1
76+32.06	215.4 RT	1
78+71.16	65.7 RT	1
79+49.54	29.8 RT	1
80+40.92	22.5 RT	1
80+54.74	28.2 LT	1
82+29.50	27.9 LT	1
83+75.77	19.9 LT	1
84+05.65	27.3 LT	1
85+42.69	26.9 LT	1
87+12.80	28.5 LT	1
94+68.13	25.2 LT	1
95+79.96	24.5 LT	1
97+09.22	15.2 LT	1
98+09.64	23.5 LT	1
10+40.87	27.3 RT	1
10+90.86	24.9 RT	1
502+18.21	23.4 LT	1
ALGONQUIN ROAD		
100+83.87	14.4 RT	1
98+66.67	40.4 LT	1

TOTAL 68

ADJUSTMENTS				
LOCATION	STA	OFFSET	DESCRIPTION	EACH
CORAL	601+42.60	2.4 LT	MANHOLE	1
CORAL	601+92.90	22.9 RT	MANHOLE	1
IL-47	11+98.59	59.6 LT	MANHOLE	1
IL-47	12+81.79	59.2 LT	MANHOLE	1
IL-47	72+12.66	36.5 RT	MANHOLE	1
IL-47	91+05.28	47.6 LT	MANHOLE	1
IL-47	91+68.70	51.6 LT	INLET	1
IL-47	91+83.15	52.6 LT	CATCH BASIN	1
IL-47	110+80.54	87.0 LT	MANHOLE	1
IL-47	110+80.54	87.0 LT	MANHOLE	1
MILL ST	396+47.99	24.9 LT	MANHOLE	1
MAIN ST	496+01.72	16.5 LT	INLET	1
MAIN ST	496+28.71	22.1 LT	MANHOLE	1
MAIN ST	497+06.81	21.5 LT	MANHOLE	1
MAIN ST	502+18.80	72.9 LT	INLET	1
MAIN ST	502+32.38	51.7 LT	MANHOLE	1
MAIN ST	502+57.90	47.6 LT	INLET	1
MAIN ST	504+60.06	28.3 LT	CATCH BASIN	1
MAIN ST	504+65.41	26.3 LT	MANHOLE	1
MAIN ST	504+67.38	23.8 RT	INLET	1
REED RD	698+45.94	29.9 RT	CATCH BASIN	1
REED RD	698+45.98	26.0 RT	INLET	1
REED RD	698+46.47	34.0 LT	MANHOLE	1
REED RD	698+46.88	25.3 LT	INLET	1

STONE RIPRAP, CLASS A3

Street	Sta	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	17+50	74.0' RT	12	6.1
IL-47	19+79	69.0' RT	12	6.1
IL-47	23+00	71.0' LT	15	9.3
IL-47	23+07	65.0' RT	12	6.1
IL-47	24+15	67.0' RT	12	6.1
IL-47	39+53	69.0' LT	30X19	20.0
DEAN ST	301+60	30.0' RT	12	6.1
VINE ST	10+05	26.0' RT	18	13.2
JOAN AVE	5+66	55.5' LT	24	17.8
IL-47	134+13	94.5' LT	24	17.8
IL-47	136+44	64.0' LT	12	6.1

TOTAL = 115

STONE RIPRAP, CLASS A4

Street	Sta	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	25+25	RT	3' 8'X10'	122.2
IL-47	25+25	LT	3' 8'X10'	168.9
IL-47	134+82	68.0' LT	36	33.3

TOTAL = 325

STONE RIPRAP, CLASS A5

Street	STA	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	120+10	48.0' LT	60	60.0

TOTAL = 60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SCHEDULE OF QUANTITIES
SHEET 3 OF 4

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



PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-int\A23_sched.dwg
 USER NAME = BSR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	24
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* (105X & 106) WRS-2				

1	2	3	4	5	6	7
Street	Earth Excavation	Excavation for Embankment (Adjusted for Shrinkage)	Embankment	Unsuitable or Unstable Material	Porous Granular Embankment, Subgrade	Furnished Excavation Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Pre-Stage						
IL Route 47	2,119	1,801	2,323	607	607	-521
4th	0	0	0	0	0	0
Algonquin	623	529	30	0	0	500
Borden	0	0	7	0	0	-7
Dean	45	38	6	0	0	32
Joan	0	0	1	0	0	-1
Kreutzer	0	0	0	0	0	0
Main	211	180	1	0	0	179
Mill	0	0	0	0	0	0
North	0	0	0	0	0	0
Reed	0	0	0	0	0	0
Subtotal	2,998	2,548	2,367	607	607	181
Stage 1						
IL Route 47	19,529	16,600	11,440	3,113	3,113	5,160
4th	0	0	0	0	0	0
Algonquin	2,358	2,004	79	153	153	1,925
Borden	4	3	0	0	0	3
Dean	6	5	1	0	0	4
Joan	93	79	1	0	0	78
Kreutzer	583	496	0	0	0	496
Main	511	435	24	0	0	410
Mill	1,160	986	6	332	332	980
North	152	129	4	0	0	125
Reed	300	255	5	0	0	250
Subtotal	24,695	20,991	11,559	3,597	3,597	9,432
Stage 1B						
IL Route 47	0	0	0	0	0	0
4th	0	0	0	0	0	0
Algonquin	1,318	1,120	211	167	167	909
Borden	0	0	1	0	0	-1
Dean	6	5	0	0	0	5
Joan	0	0	0	0	0	0
Kreutzer	605	515	0	0	0	515
Main	613	521	92	0	0	428
Mill	771	655	124	321	321	531
North	0	0	0	0	0	0
Reed	282	240	0	0	0	240
Subtotal	3,594	3,055	428	488	488	2,628
Stage 2						
IL Route 47	23,911	20,325	4,862	2,408	2,408	15,462
4th	66	57	0	0	0	57
Algonquin	0	0	0	0	0	0
Borden	38	32	0	0	0	32
Dean	1,171	996	15	381	381	980
Joan	1,124	955	225	0	0	731
Kreutzer	583	496	0	0	0	496
Main	117	100	1	0	0	98
Mill	0	0	0	0	0	0
North	101	86	0	0	0	86
Reed	0	0	0	0	0	0
Subtotal	27,112	23,045	5,104	2,788	2,788	17,941
Stage 2B						
IL Route 47	0	0	0	0	0	0
4th	48	41	0	0	0	41
Algonquin	0	0	0	0	0	0
Borden	39	33	4	0	0	29
Dean	1,044	887	14	247	247	873
Joan	0	0	0	0	0	0
Kreutzer	605	515	0	0	0	515
Main	10	8	4	0	0	5
Mill	0	0	0	0	0	0
North	65	56	0	0	0	55
Reed	0	0	0	0	0	0
Subtotal	1,811	1,539	23	247	247	1,517

1	2	3	4	5	6	7
Street	Earth Excavation	Excavation for Embankment (Adjusted for Shrinkage)	Embankment	Unsuitable or Unstable Material	Porous Granular Embankment, Subgrade	Furnished Excavation Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Stage 3						
IL Route 47	5,035	4,280	2,919	962	962	1,360
4th	0	0	0	0	0	0
Algonquin	0	0	0	0	0	0
Borden	0	0	0	0	0	0
Dean	0	0	0	0	0	0
Joan	0	0	0	0	0	0
Kreutzer	0	0	0	0	0	0
Main	0	0	0	0	0	0
Mill	0	0	0	0	0	0
North	0	0	0	0	0	0
Reed	0	0	0	0	0	0
Subtotal	5,035	4,280	2,919	962	962	1,360
Stage 3B						
IL Route 47	0	0	0	0	0	0
4th	0	0	0	0	0	0
Algonquin	0	0	0	0	0	0
Borden	0	0	0	0	0	0
Dean	0	0	0	0	0	0
Joan	0	0	0	0	0	0
Kreutzer	0	0	0	0	0	0
Main	0	0	0	0	0	0
Mill	0	0	0	0	0	0
North	0	0	0	0	0	0
Reed	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
Stage 3C						
IL Route 47	0	0	0	0	0	0
4th	0	0	0	0	0	0
Algonquin	35	29	0	0	0	29
Borden	0	0	0	0	0	0
Dean	0	0	0	0	0	0
Joan	0	0	0	0	0	0
Kreutzer	0	0	0	0	0	0
Main	103	88	67	0	0	21
Mill	0	0	0	0	0	0
North	0	0	0	0	0	0
Reed	0	0	0	0	0	0
Subtotal	138	117	67	0	0	50
Total	65,383	55,576	22,467	8,689	8,689	33,109

Shrinkage Factor: Earth Excavation: 15%

Column 1, 2, & 4-Locations and Quantities from cross sections
 Cut = Earth Excavation Fill = Embankment
 Column 3-Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 15%
 Column 5-Quantity of Undercut for PGE placement + Quantity for Topsoil Stripping
 Column 6-Quantity of Porous Granular Embankment, Subgrade
 Column 7-Earthwork required. (-) = Quantity of Fill or Embankment Needed (Furnished Excavation)
 (+) = Quantity to be wasted

HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)

LOCATION	STA	TO	STA	AREA (SY)
MAIN ST	75+56.40		76+27.14	555
ALGONQUIN RD	101+65.85		102+70.82	1050
KREUTZER RD	20+42.05		21+18.30	761

TOTAL = 2366 SQ YD

SAW CUTS

STATION	OFFSET	TO	OFFSET	LENGTH (FT)
104+20.20	0.05 LT		41.55 LT	41.50
104+26.20	0.55 LT		41.25 LT	40.70
104+20.20 to 104+26.20			LT	6.00
104+20.20 to 104+26.20			LT	6.00

TOTAL = 94 FEET

HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"

STATION	TO	STATION	OFFSET	AREA (SY)
104+20.20		104+26.20	LT	27

TOTAL = 27 SY

HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, 4"

STATION	TO	STATION	OFFSET	AREA (SY)	THICKNESS (IN)	TONS
104+20.20		104+26.20	LT	27	4	6

TOTAL = 6 TONS

CLASS B PATCHES, TYPE IV, 8 1/4"

STATION	TO	STATION	OFFSET	AREA (SY)
104+20.20		104+26.20	LT	27

TOTAL = 27 SY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SCHEDULE OF QUANTITIES
SHEET 4 OF 4

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

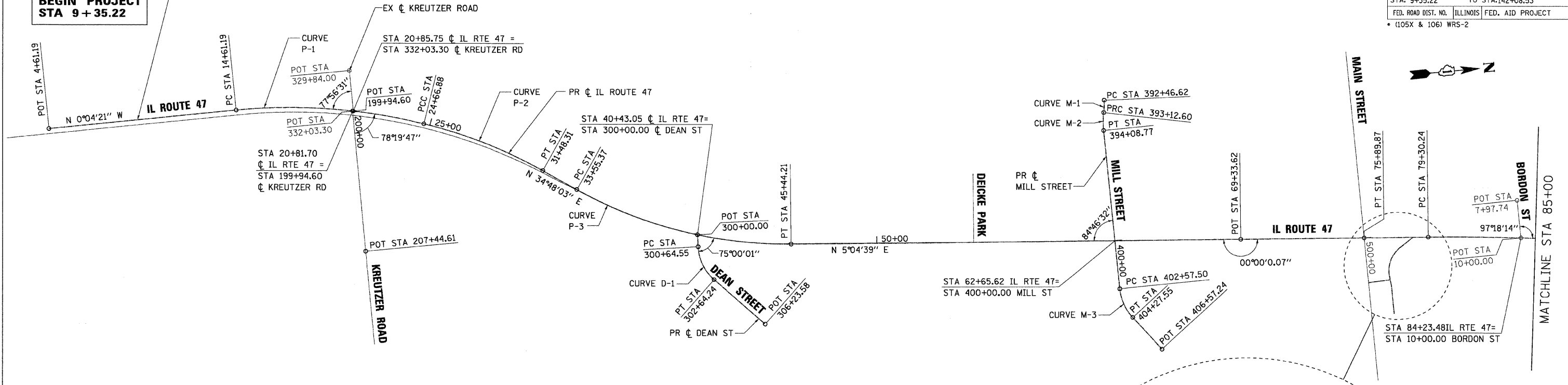


PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-11-09\11-11-09.dwg
 USER NAME = 3898

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

**IL ROUTE 47
 BEGIN PROJECT
 STA 9 + 35.22**



CURVE P-1
 PI STA = 19+68.96
 $\Delta = 19^\circ 31' 58''$ (RT)
 D = 1° 56' 32"
 R = 2,950.00'
 T = 507.77'
 L = 1,005.69'
 E = 43.38'
 e = 0.027
 T.R. = 72.0'
 S.E. RUN = 97.2'
 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° 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 = 104.4'
 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° 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° 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

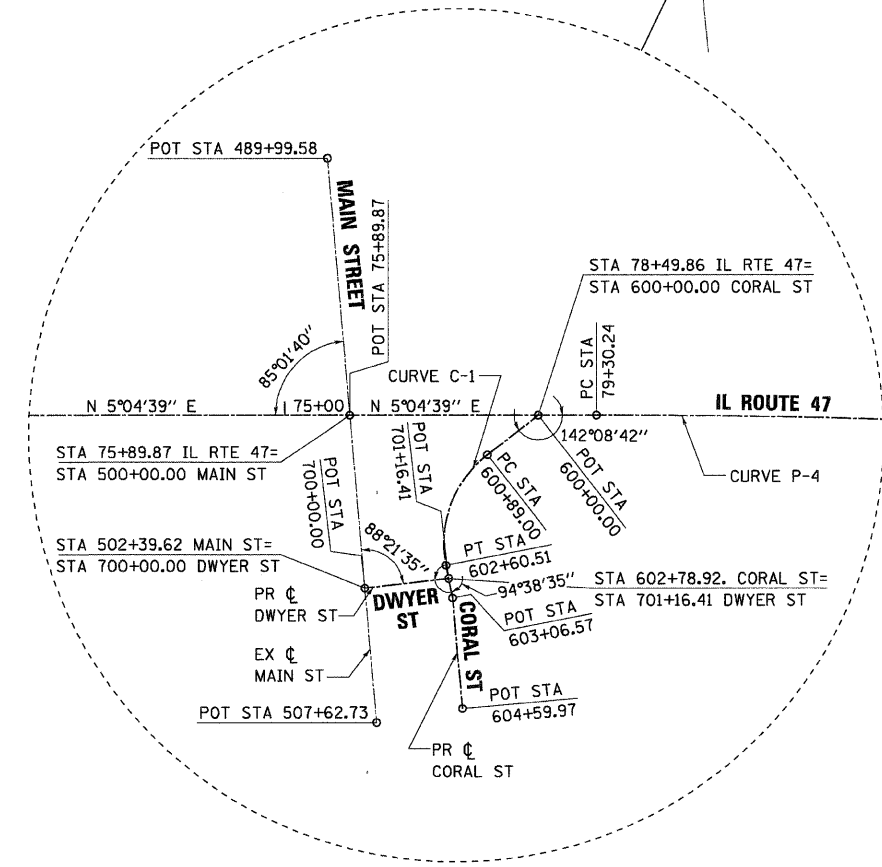
CURVE M-1
 PI STA 392+79.68
 $\Delta = 8^\circ 53' 44''$ (RT)
 D = 13° 28' 53"
 R = 425.00'
 T = 33.06'
 L = 65.98'
 E = 1.28'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 PC STA 392+46.62
 PT STA 393+12.60

CURVE M-2
 PI STA 393+60.87
 $\Delta = 12^\circ 14' 38''$ (LT)
 D = 12° 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° 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° 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° 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



PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-0811\11025_01\11p_bas_01.dgn
 PLOT SCALE = 2500
 USER NAME = 3630



REVISIONS	
NAME	DATE

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

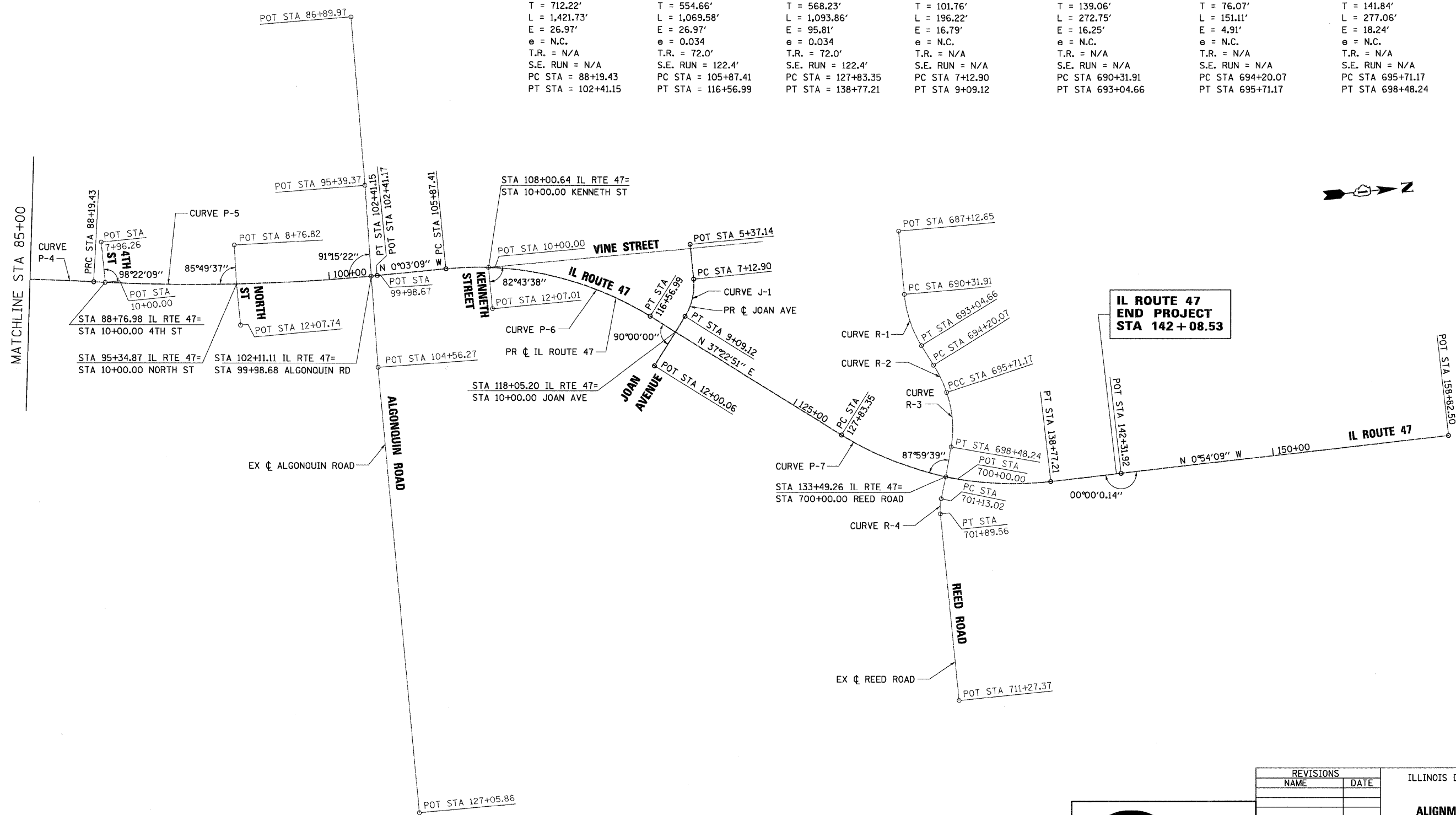
SCALE: VERT. 1"=250'
 HORIZ. 1"=250'
 DATE: 8/5/2009

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

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

PLT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-MA\1026.dwg
 PLOT SCALE = 2500
 USER NAME = 3838

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 697-3624

REVISIONS	
NAME	DATE

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

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

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

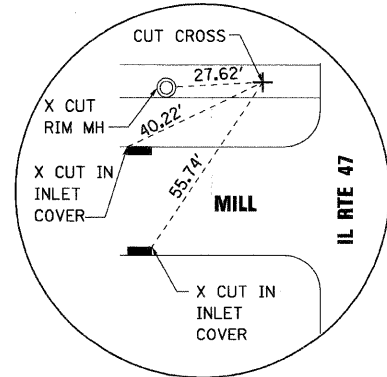
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	27
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2

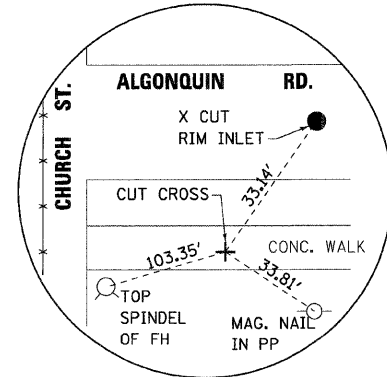
ALIGNMENT COORDINATE TABLE

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	959,128.94
PC CURVE P-7	2,008,825.68	959,810.77
PT CURVE P-7	2,009,845.37	960,148.80
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 329+84.00	1,998,670.48	957,128.38
POT STA 330+78.32	1,998,670.48	957,222.70
POT STA 332+03.30	1,998,670.48	957,347.68
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

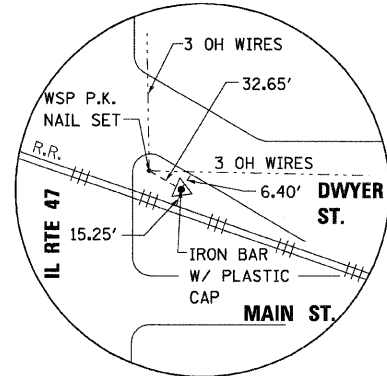
DESCRIPTION	NORTHING	EASTING
NORTH AVENUE		
POT STA 8+76.82	2,005,883.53	958,641.94
POT STA 12+07.74	2,005,883.05	958,972.86
ALGONQUIN ROAD		
POT STA 86+89.97	2,006,586.27	957,482.62
POT STA 95+39.37	2,006,573.20	958,331.92
POT STA 99+98.67	2,006,558.95	958,791.00
POT STA 104+56.27	2,006,547.88	959,248.46
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



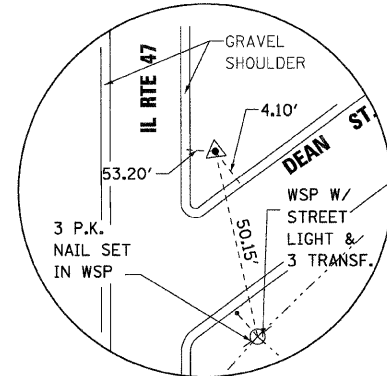
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CP #18:
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E 958107.154



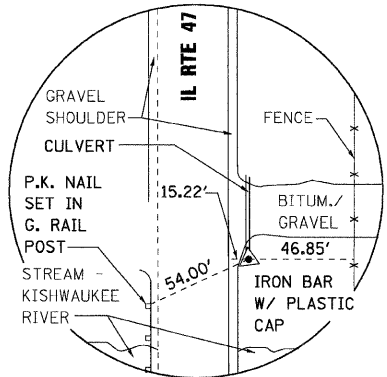
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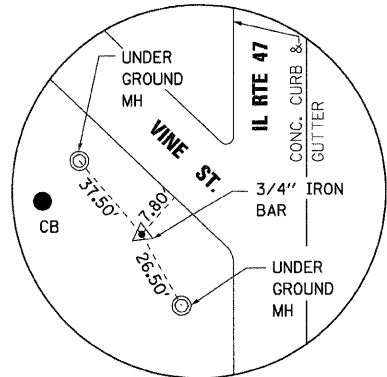
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CP #245
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E 958623.8943



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

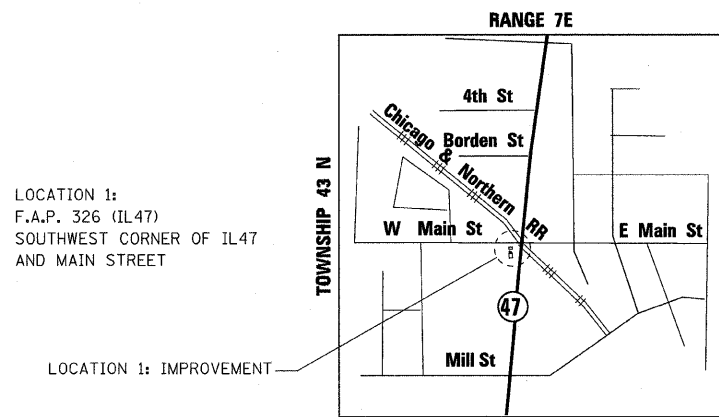
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
ALIGNMENT, TIES AND BENCHMARKS
SHEET 3 OF 3



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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-11-08\11-11-08\11-11-08.dwg
 PLOT SCALE = 2500:1
 USER NAME = 3530

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	105X106)WRS-2	McHENRY	502	27A
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

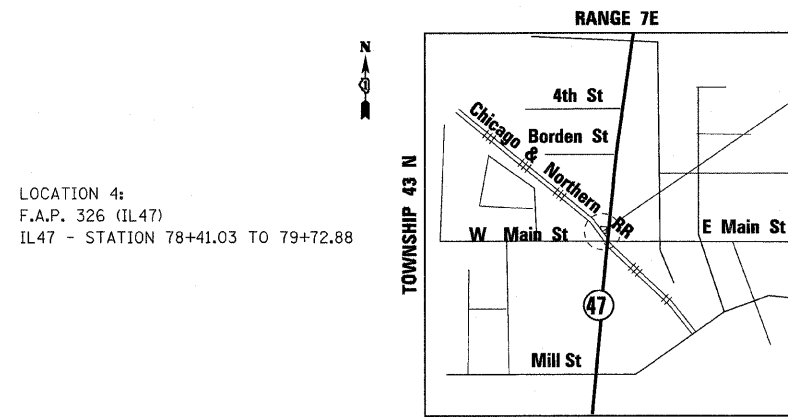


LOCATION 1:
F.A.P. 326 (IL47)
SOUTHWEST CORNER OF IL47
AND MAIN STREET

LOCATION 1: IMPROVEMENT



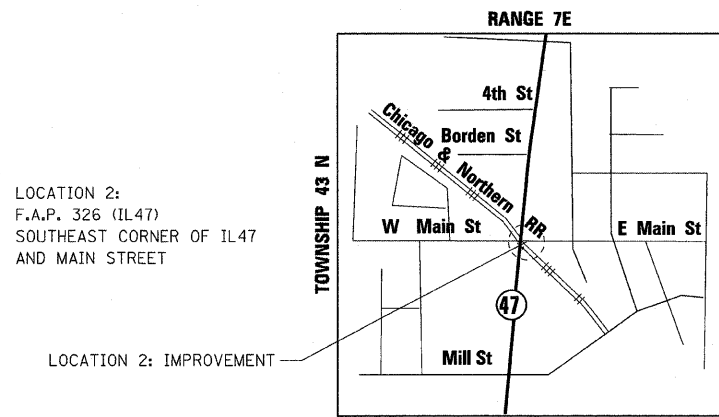
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DEMOLITION OF TWO COMMERCIAL BUILDINGS;
ONE AUTO CENTER BUILDING, AND ONE GAS STATION CANOPY



LOCATION 4:
F.A.P. 326 (IL47)
IL47 - STATION 78+41.03 TO 79+72.88

LOCATION 4: IMPROVEMENT

DESCRIPTION:
DEMOLITION OF TWO COMMERCIAL BUILDINGS

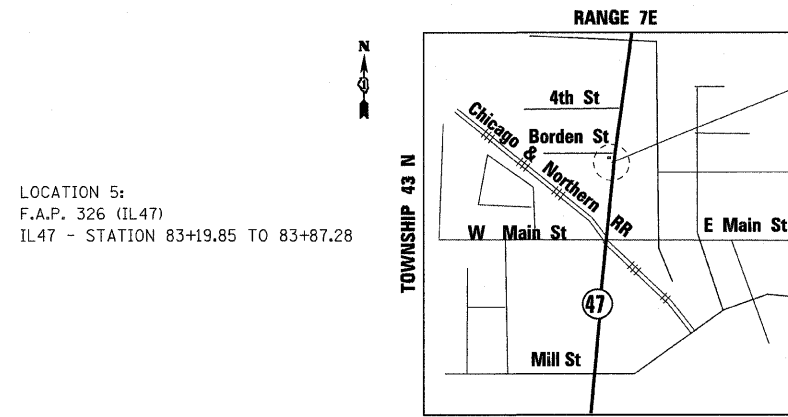


LOCATION 2:
F.A.P. 326 (IL47)
SOUTHEAST CORNER OF IL47
AND MAIN STREET

LOCATION 2: IMPROVEMENT



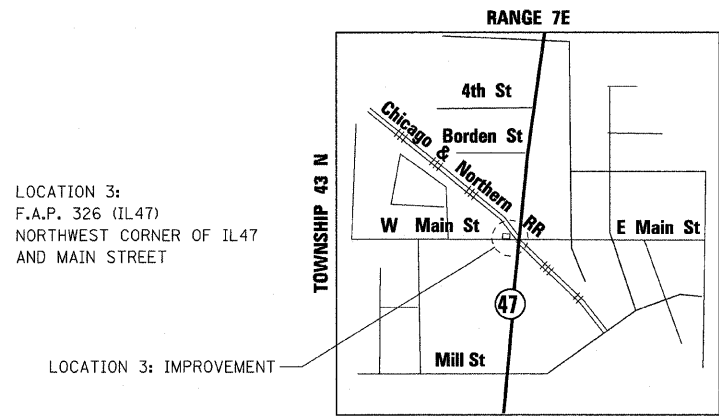
DESCRIPTION:
DEMOLITION OF ONE COMMERCIAL BUILDING



LOCATION 5:
F.A.P. 326 (IL47)
IL47 - STATION 83+19.85 TO 83+87.28

LOCATION 5: IMPROVEMENT

DESCRIPTION:
DEMOLITION OF ONE RESIDENTIAL BUILDING

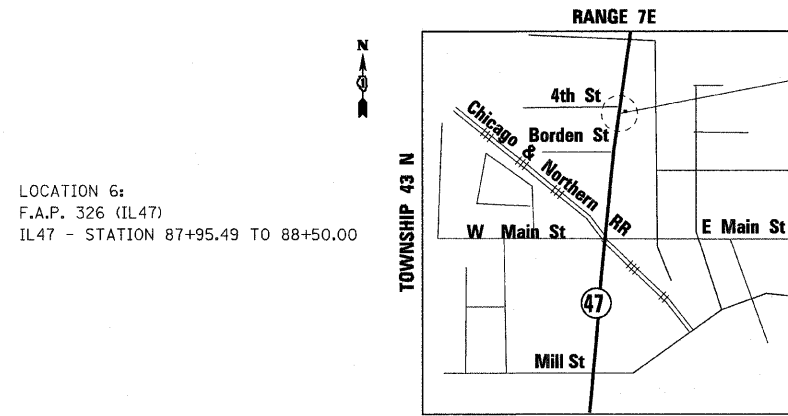


LOCATION 3:
F.A.P. 326 (IL47)
NORTHWEST CORNER OF IL47
AND MAIN STREET

LOCATION 3: IMPROVEMENT



DESCRIPTION:
DEMOLITION OF ONE COMMERCIAL BUILDING



LOCATION 6:
F.A.P. 326 (IL47)
IL47 - STATION 87+95.49 TO 88+50.00

LOCATION 6: IMPROVEMENT

DESCRIPTION:
DEMOLITION OF ONE COMMERCIAL BUILDING



PLOT DATE = Tuesday, October 27, 2009
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PLOT SCALE = 50%
USER NAME =



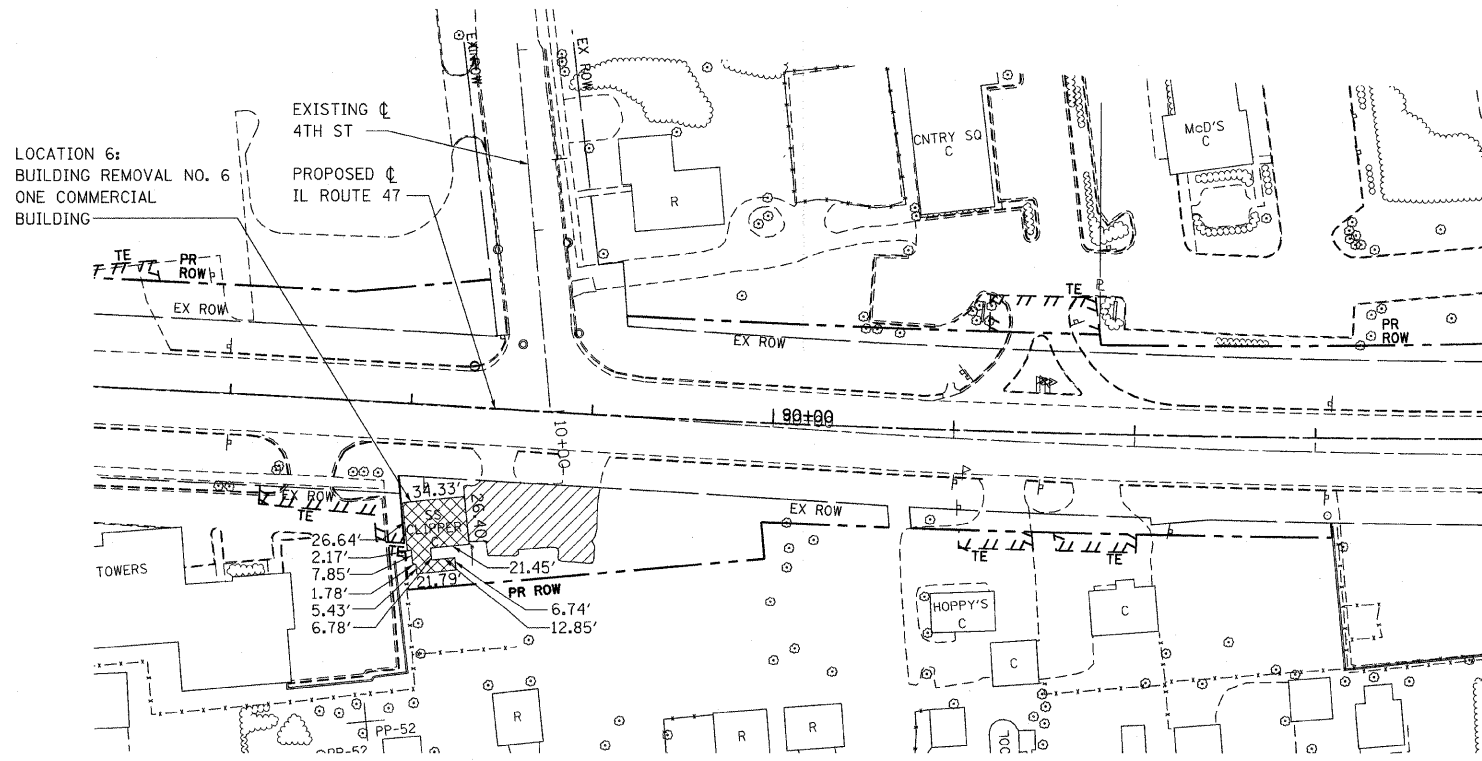
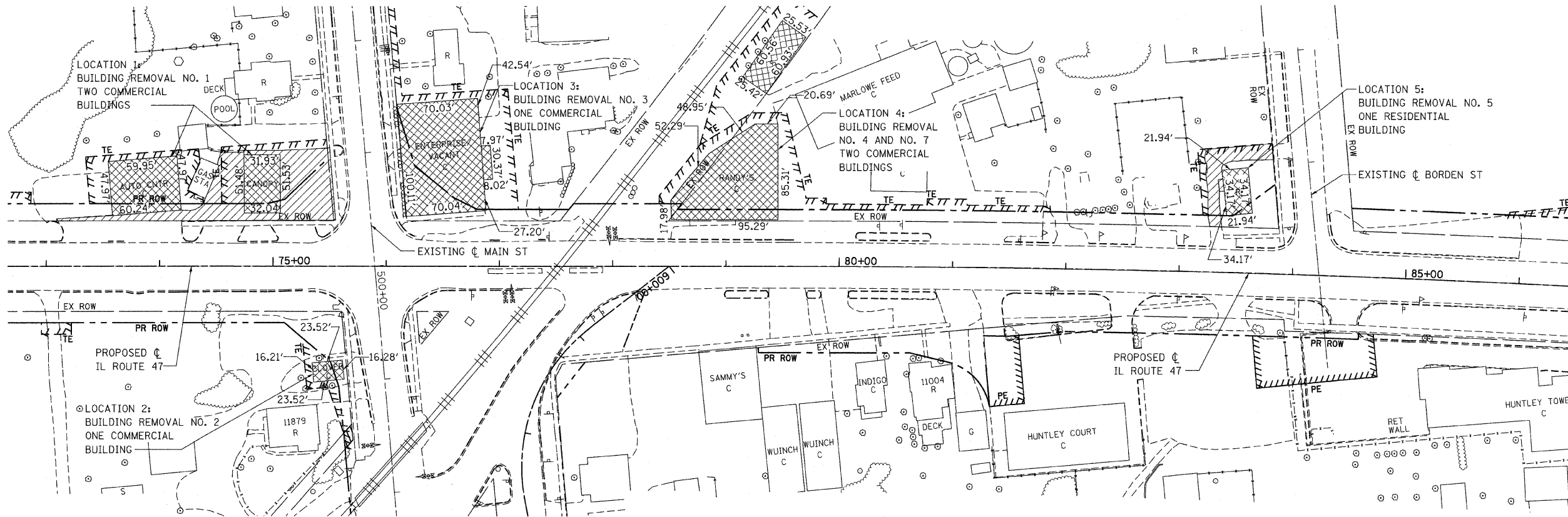
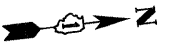
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LOCATION DESCRIPTION DETAILS

SCALE: VERT. 1"=50'
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	105X&106WRS-2	McHENRY	502	278
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

- BUILDING REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
DEMOLITION PLAN LOCATIONS

SCALE: VERT. 1"=50'
HORIZ.
DATE: 10/27/2009

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



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850 West Higgins Road, Suite 130, Chicago, Illinois 60639-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 04-018533
(773) 693-9624

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				

PLAN

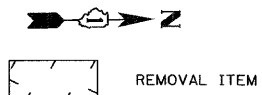
DATE	BY

SURVEYED BY: _____
 CHECKED BY: _____
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 NO. OF SHEETS: _____
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 NO. OF SHEETS: _____

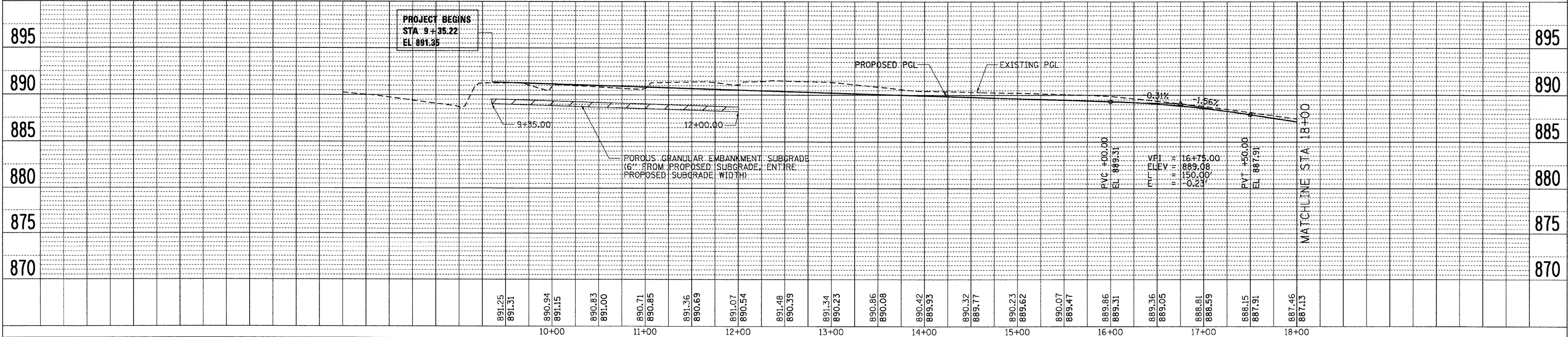
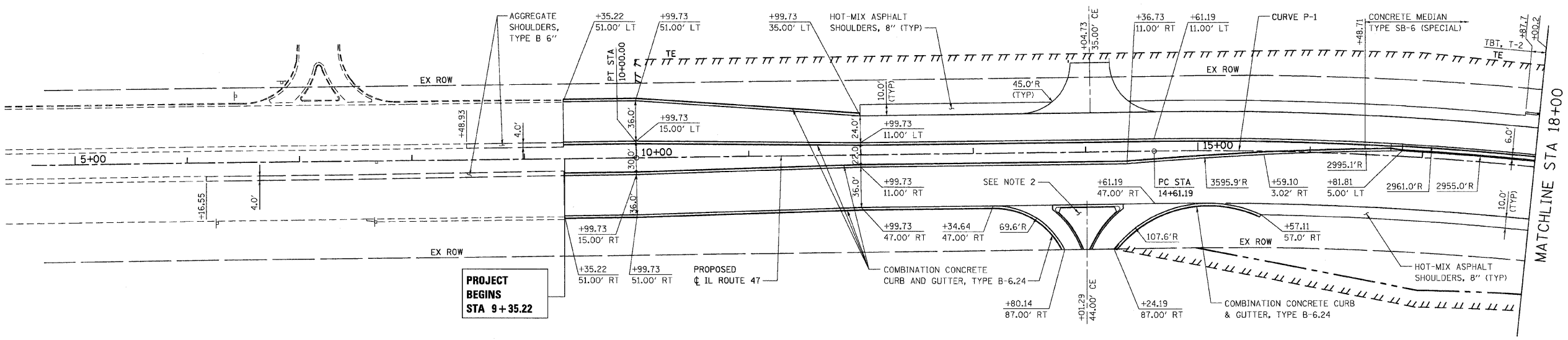
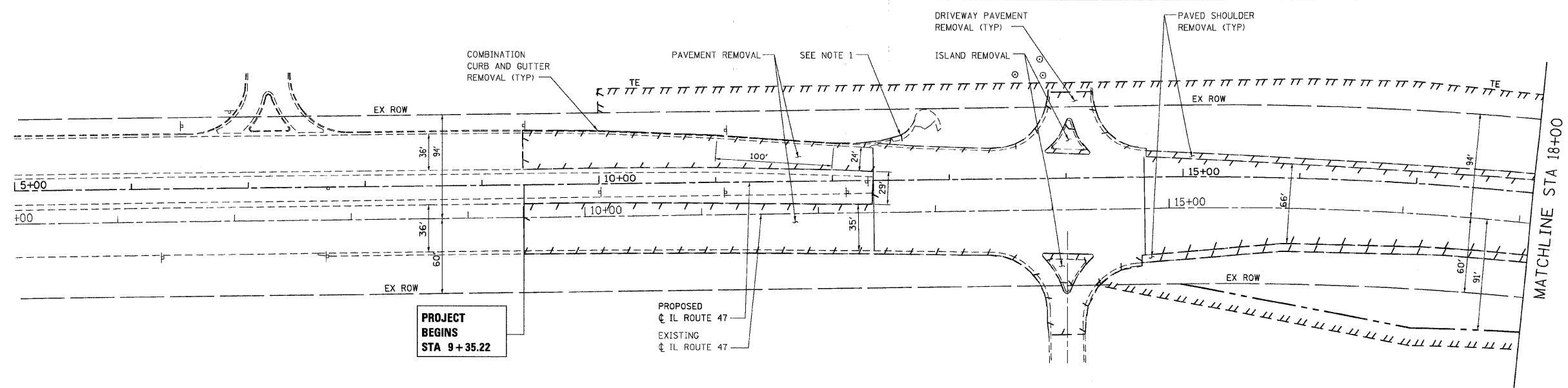
PROFILE

DATE	BY

SURVEYED BY: _____
 CHECKED BY: _____
 DATE: _____
 NO. OF PAGES: _____
 DATE: _____
 NO. OF SHEETS: _____
 DATE: _____
 NO. OF SHEETS: _____



- 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.



PLOT DATE = Wednesday, August 06, 2008
 FILE NAME = S:\11-CADD\11-11-08\11-11-08.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3030

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				



PLAN

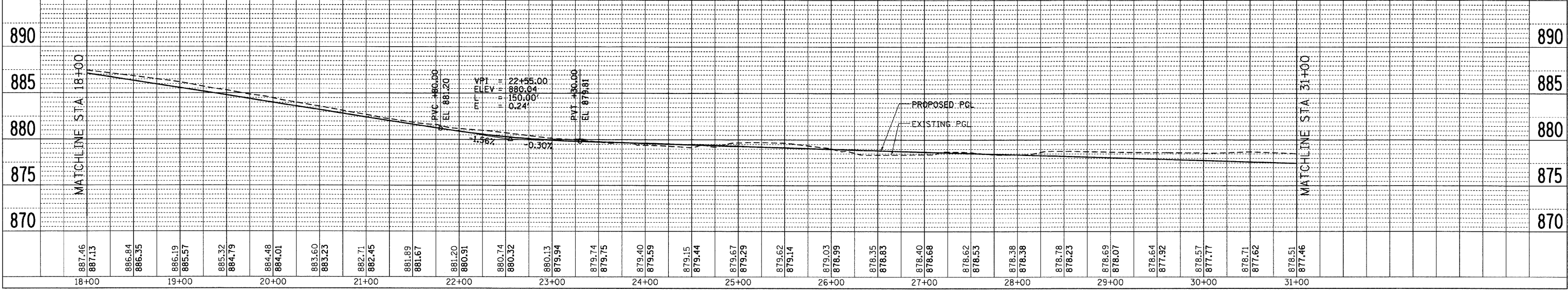
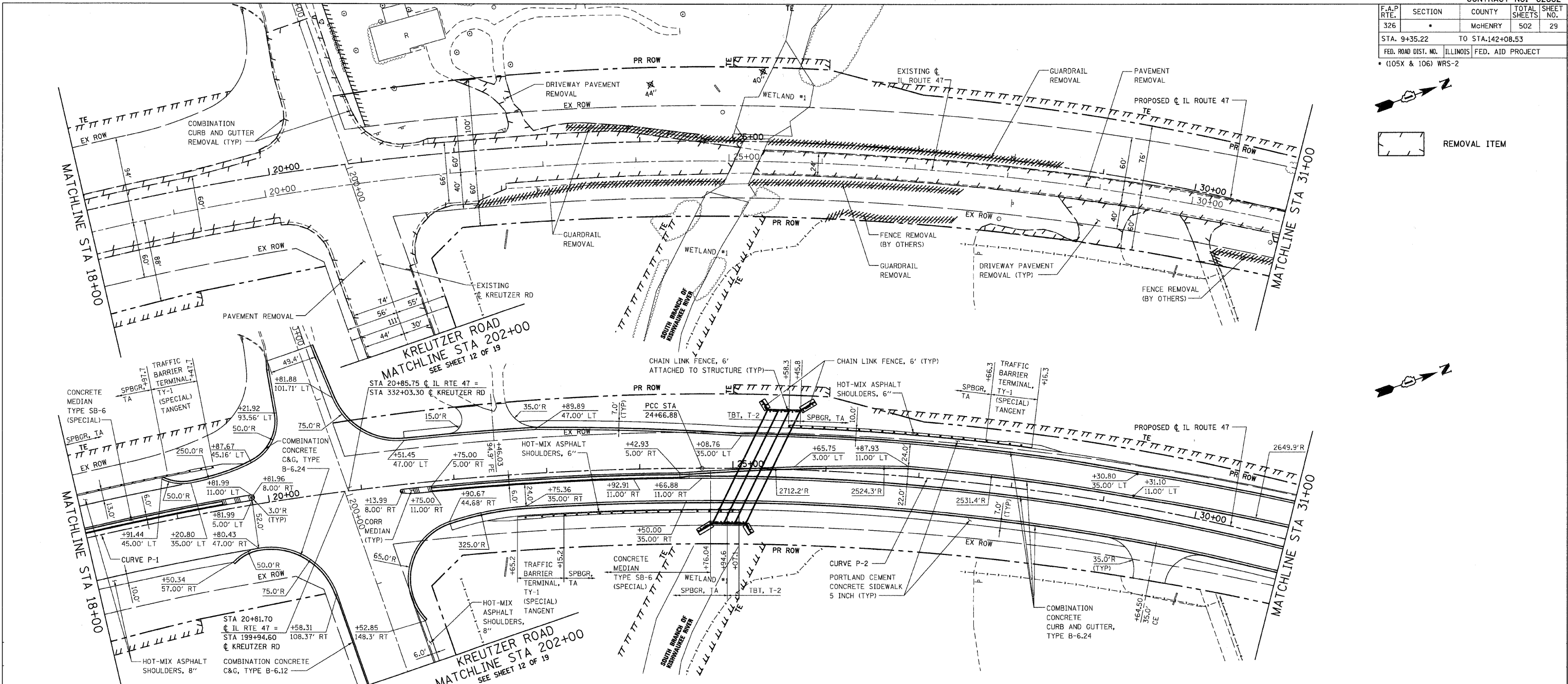
DATE	BY

SURVEYED
 PLAN
 CHECKED
 DATE
 FILE NAME
 NO.

PROFILE

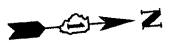
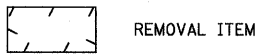
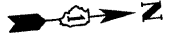
DATE	BY

SURVEYED
 PROFILE
 CHECKED
 DATE
 FILE NAME
 NO.



PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-ent\11-ent\11-ent\11-ent.dgn
 PLOT SCALE = 4/32/9991
 USER NAME = 3598

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 & 106) WRS-2				

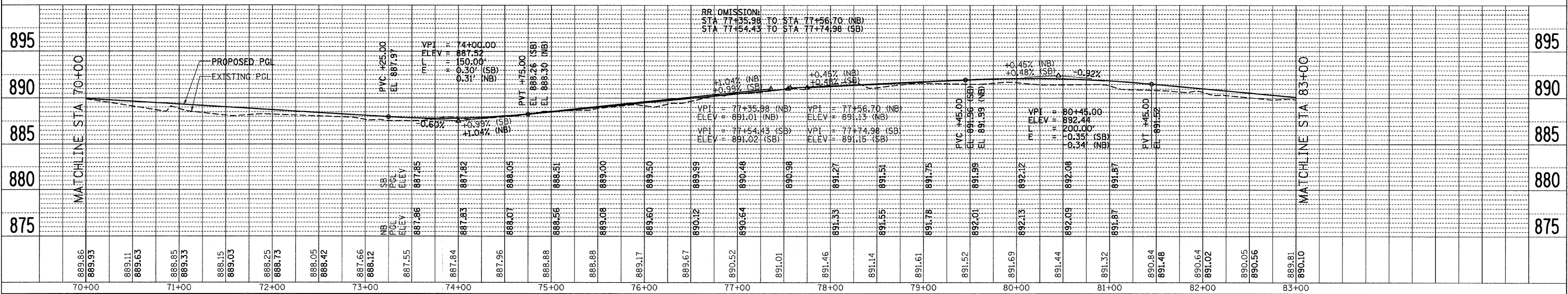
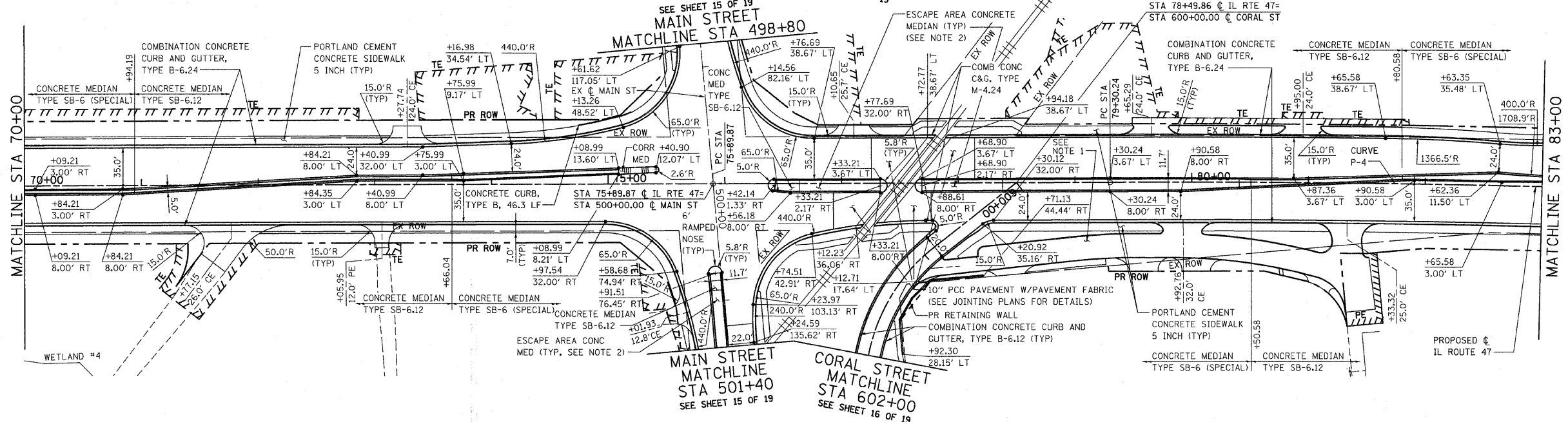
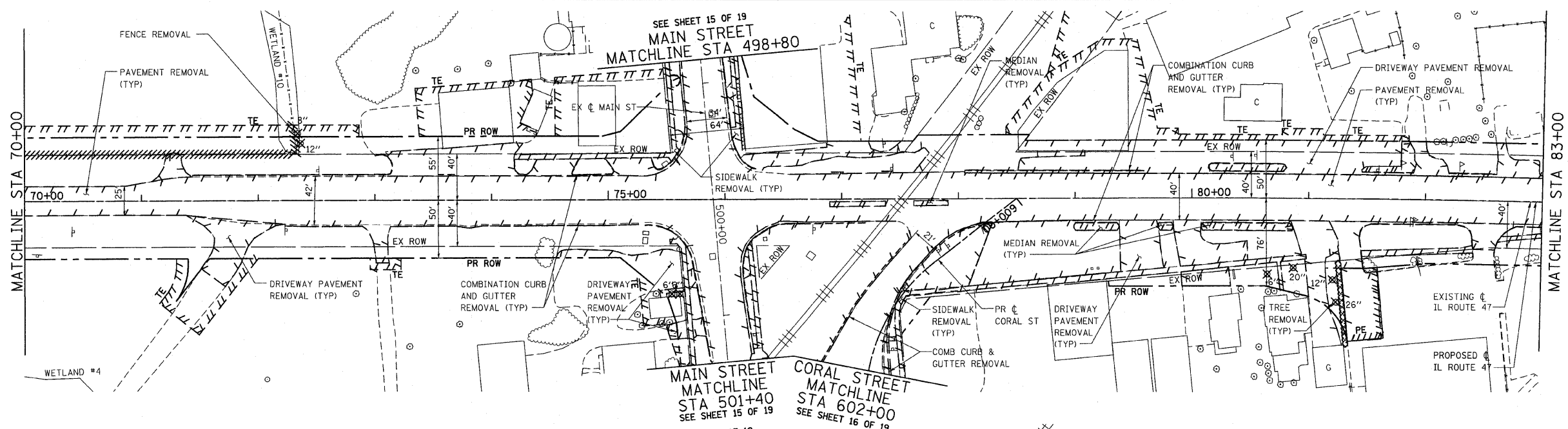


- NOTES:**
1. SEE MISCELLANEOUS ROADWAY DETAIL SHEET 2 OF 3 FOR SERVICE DRIVEWAY AND SIDEWALK DETAIL.
 2. SEE ESCAPE AREA MEDIAN DETAIL.

DATE	BY

DATE	BY

DATE: Wednesday, October 14, 2009
 FILE NAME: S:\11-CADD\11-wt\1033_ppa-11-10-09.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER: NAME: 13016



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	34
STA. 9+35.22 TO STA.142+08.53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				



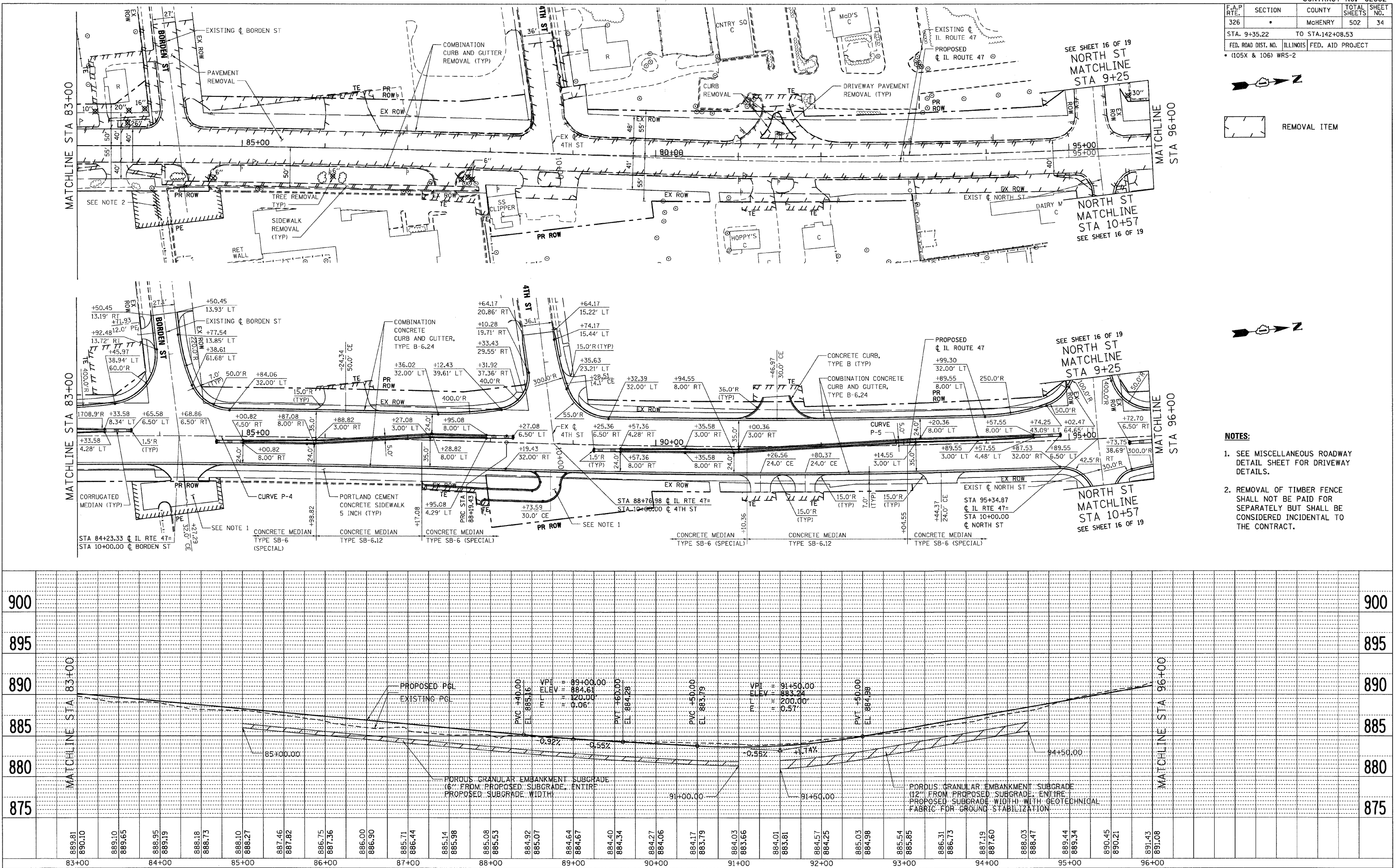
NOTES:

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.

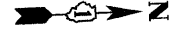
DATE	BY	REVISION

DATE	BY	REVISION

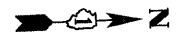
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 USER NAME = 3638



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	35
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



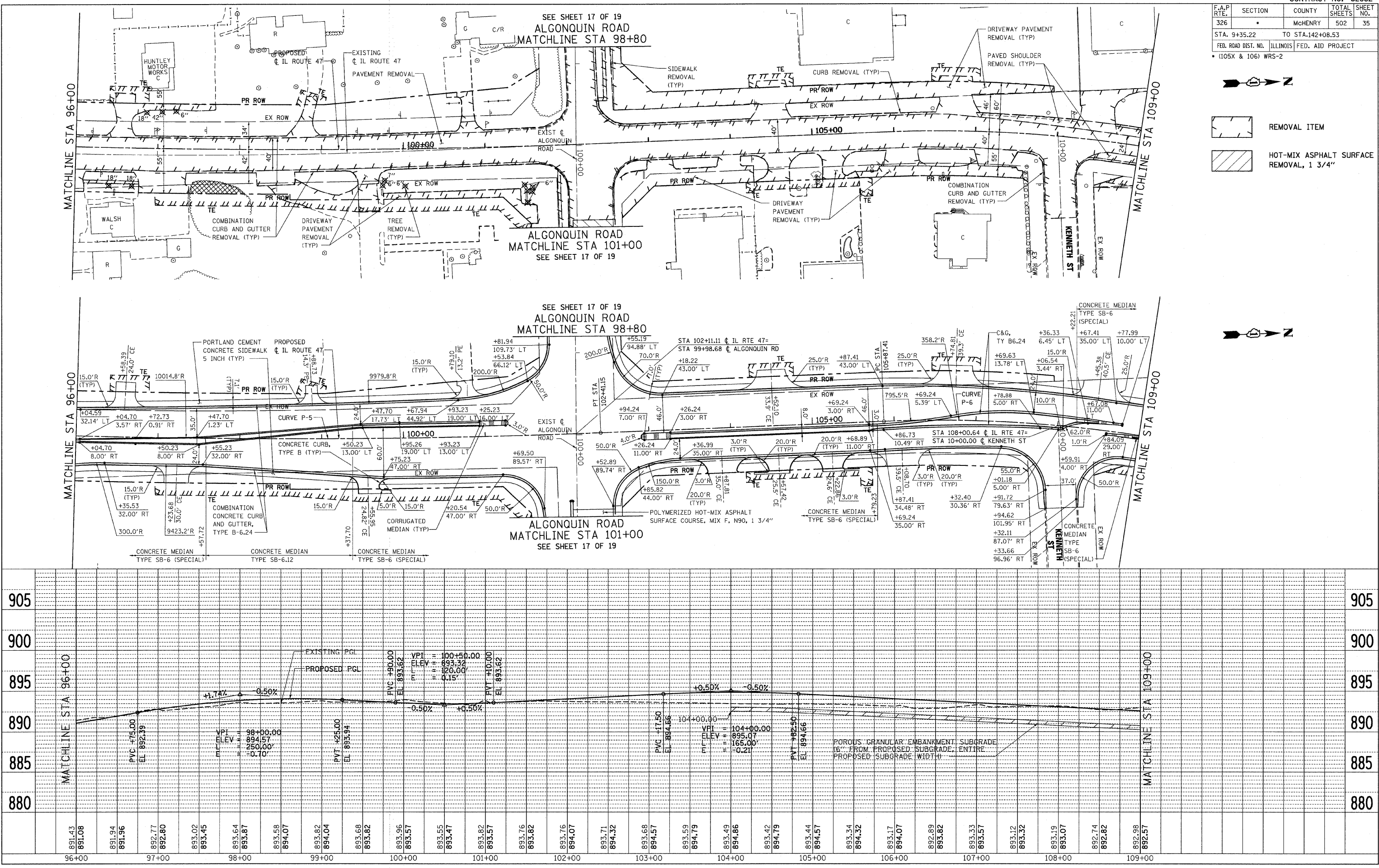
- REMOVAL ITEM
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"



PLAN	DATE	BY
SURVEYED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
ROAD FILE NAME		
NO.		

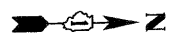
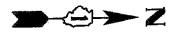
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SURVEYED		
GRADES CHECKED		
BLM. NOTED		
STRUCTURE NOTATION CHECKED		
NO.		

DATE = Wednesday, October 14, 2009
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10/27/2009

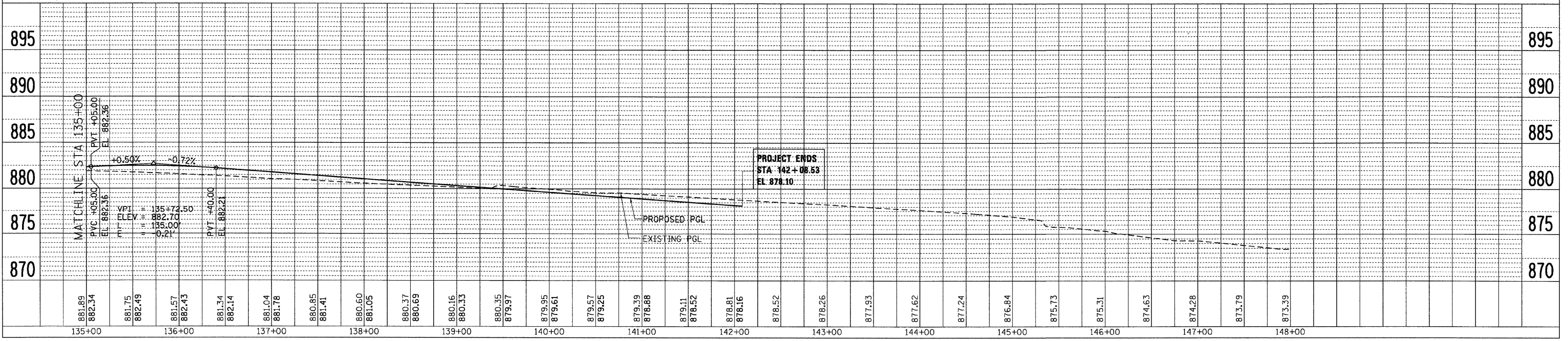
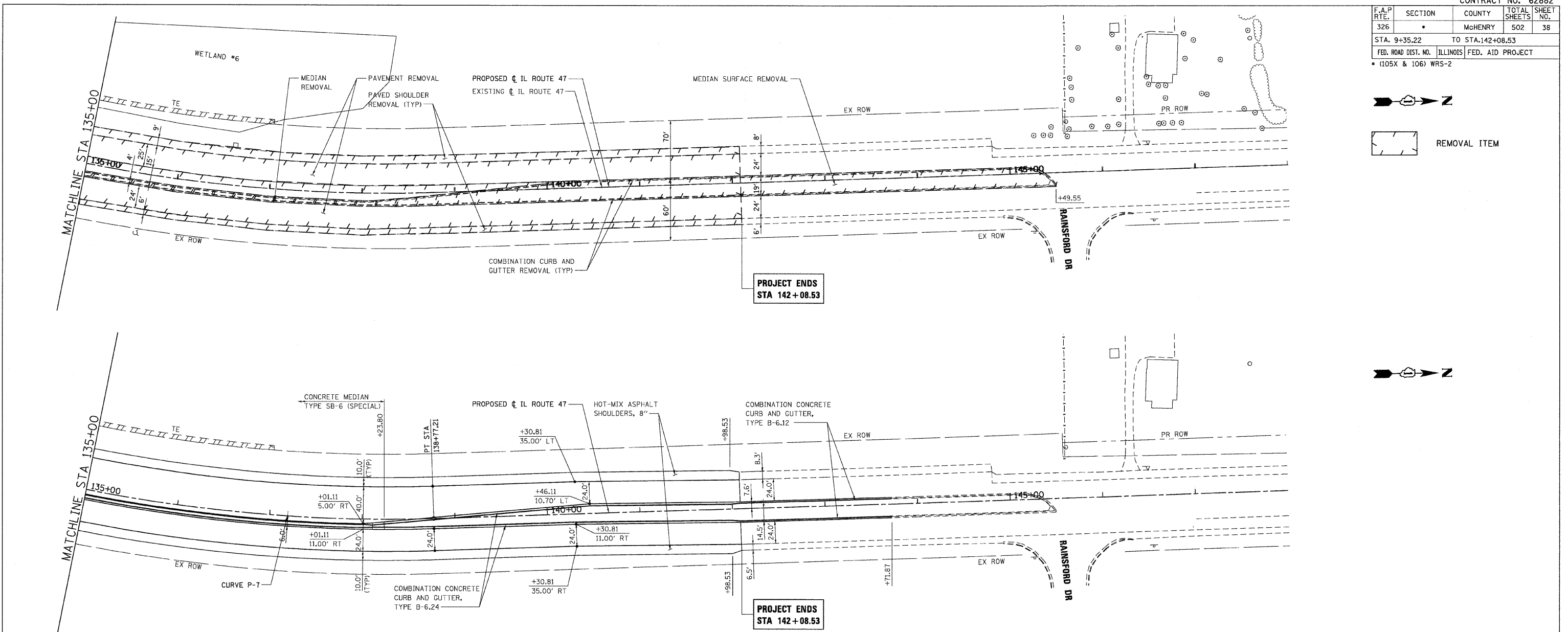
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	38
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLAN	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

PROFILE	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

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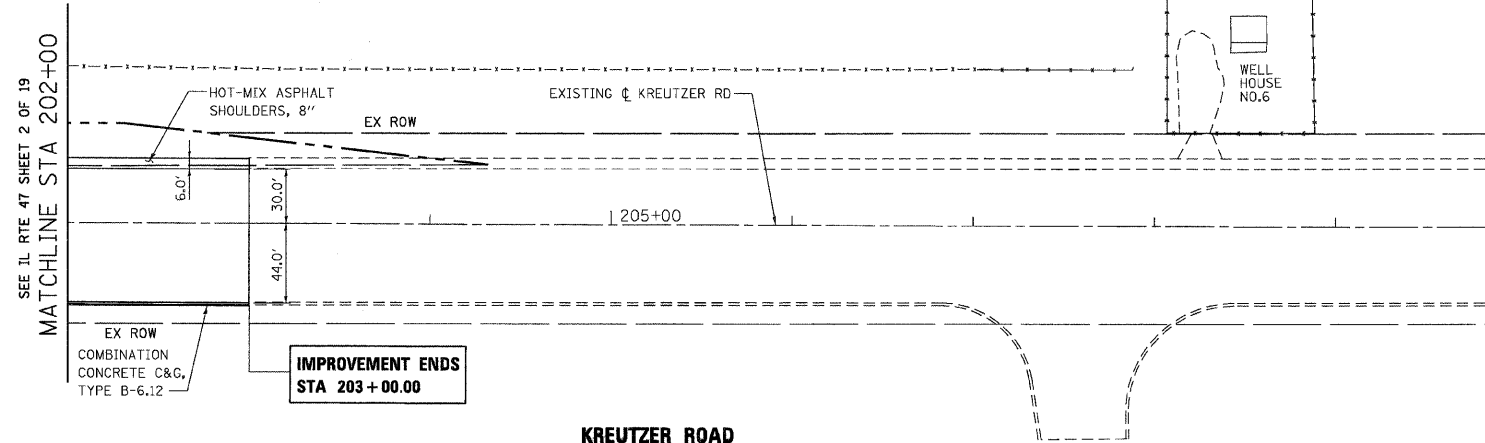
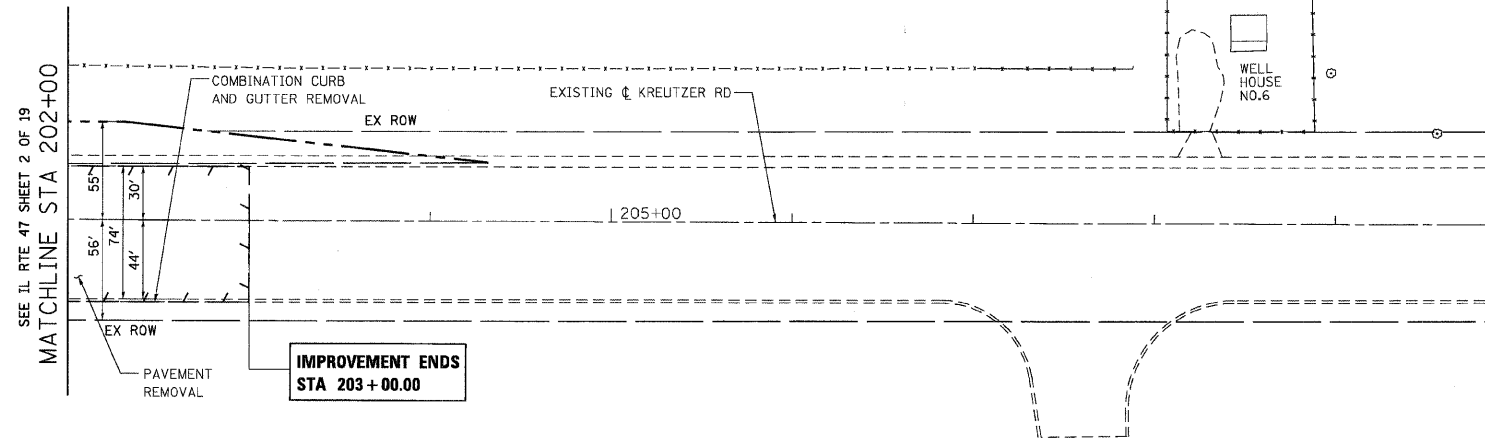


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	39
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (1105X & 1106) WRRS-2				

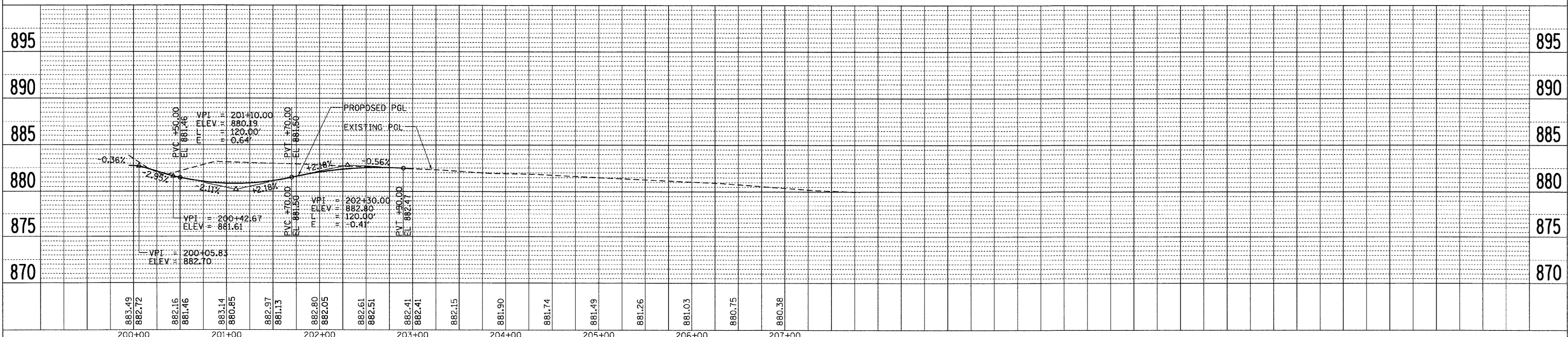
PLAN	DATE
SURVEYED	
PLANNED	
DESIGNED	
CHECKED	
BY	
DATE	

PROFILE	DATE
SURVEYED	
PLANNED	
DESIGNED	
CHECKED	
BY	
DATE	

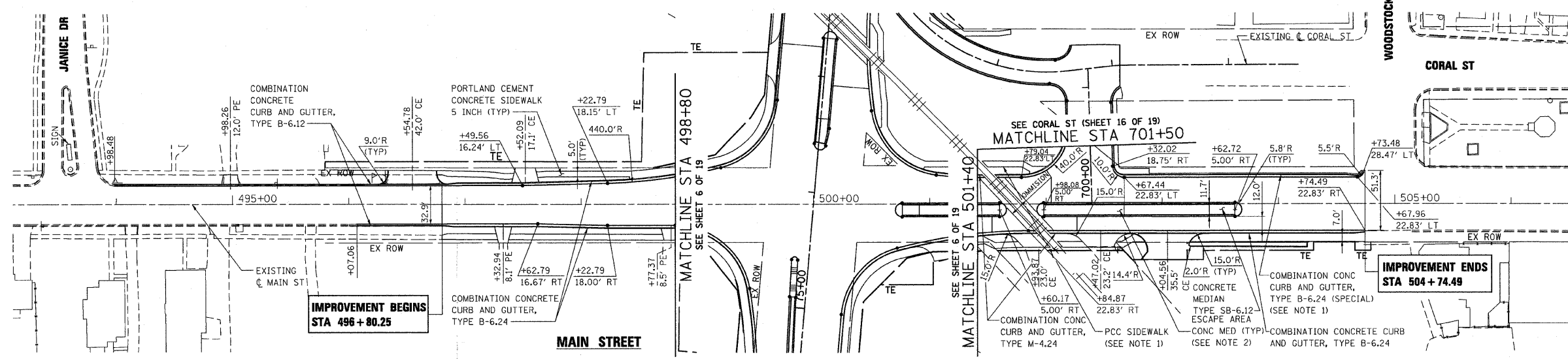
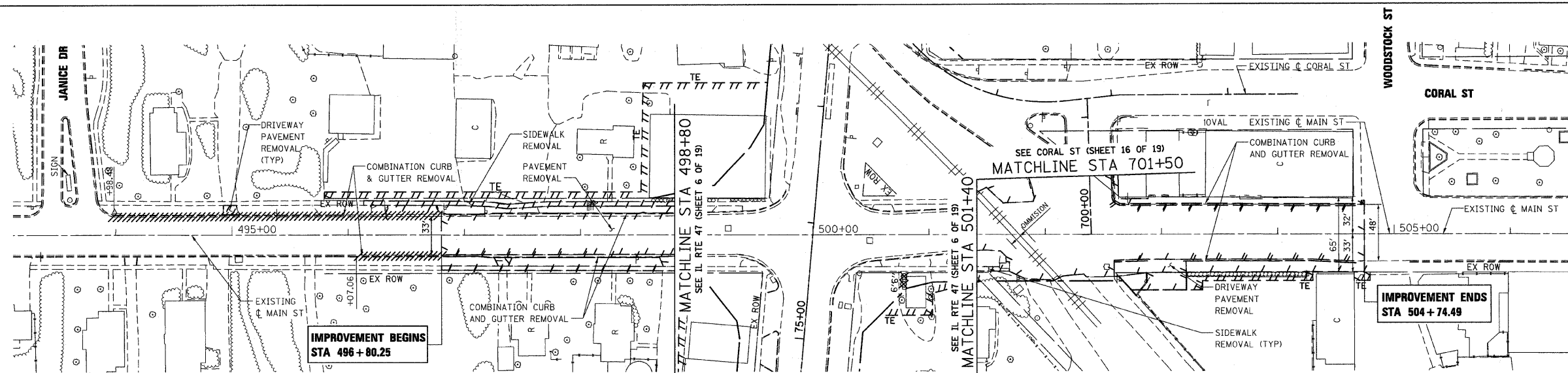
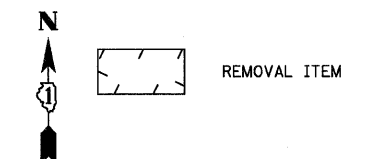
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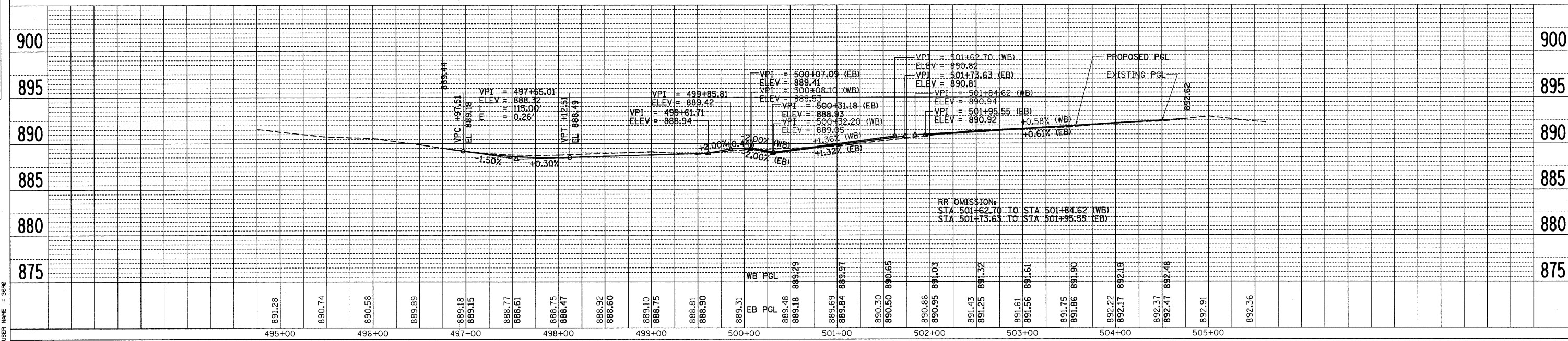
KREUTZER ROAD



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	42
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



- NOTES:**
- SEE MISCELLANEOUS ROADWAY DETAIL AND PAVEMENT JOINT SHEETS FOR ADDITIONAL INFORMATION.
 - SEE ESCAPE AREA MEDIAN DETAIL



DATE	BY

SURVEYED _____
 ALIGNED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 PLOTTED FILE NAME _____

DATE	BY

PROFILE SURVEYED _____
 B.M. NOTED _____
 GRADES CHECKED _____
 PLOTTING NOTATIONS CHECKED _____

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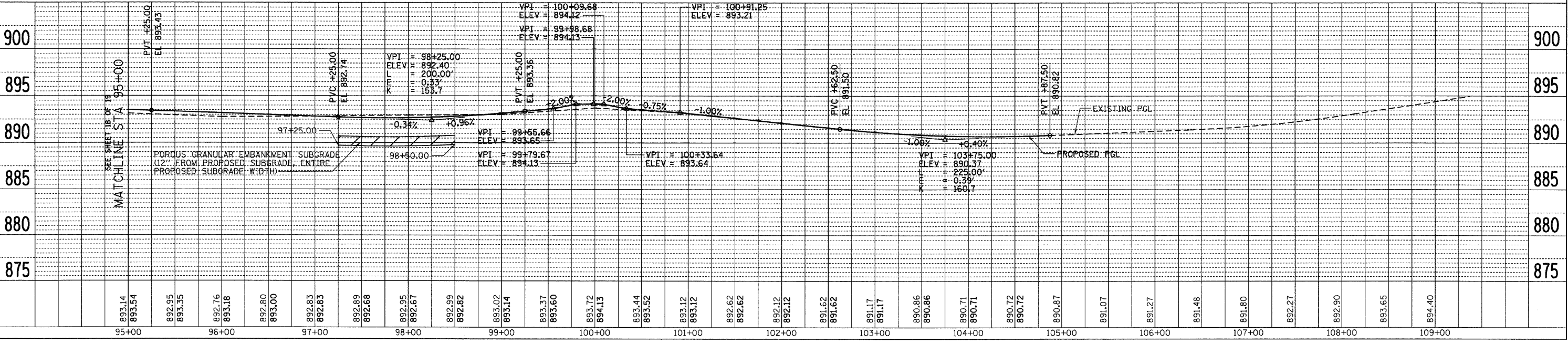
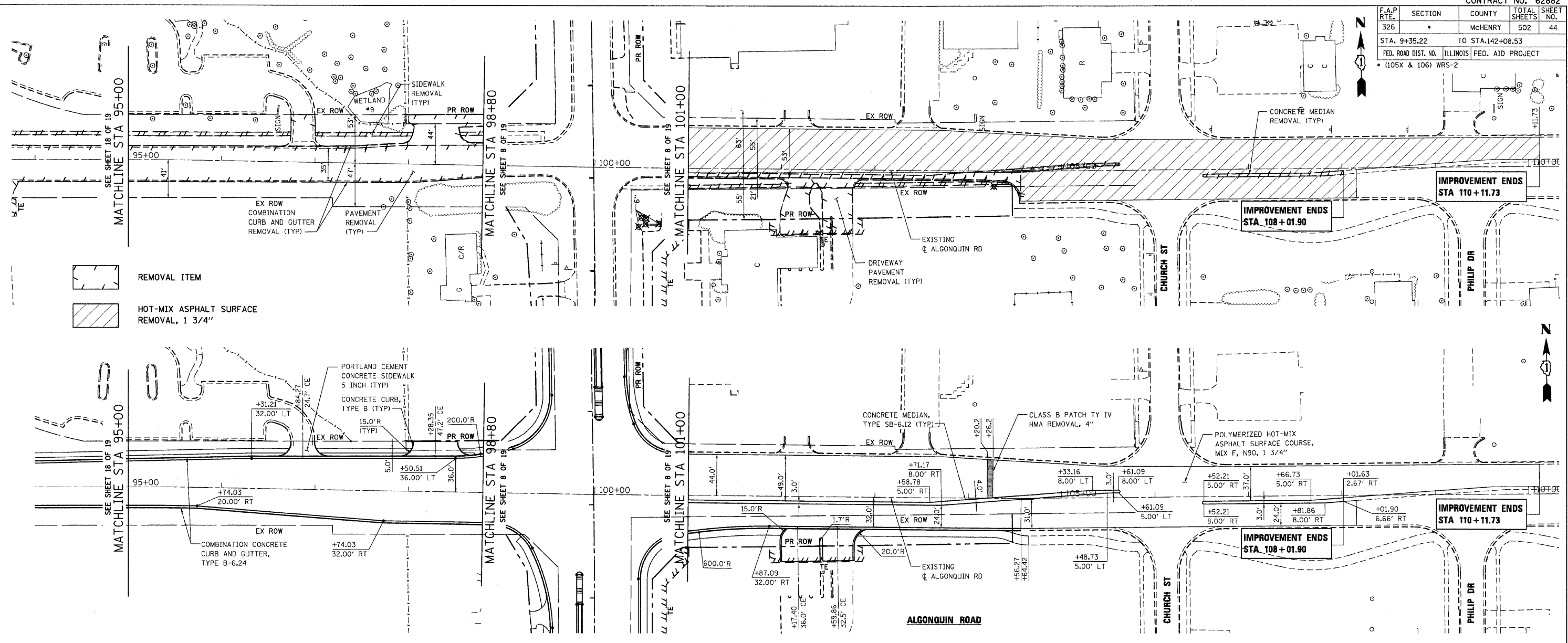
10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	44
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
REVISION		
NO. OF WAYS CHECKED		
CADD FILE NAME		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
REVISION		
NO. OF WAYS CHECKED		
STRUCTURE NOTATIONS OK'D		

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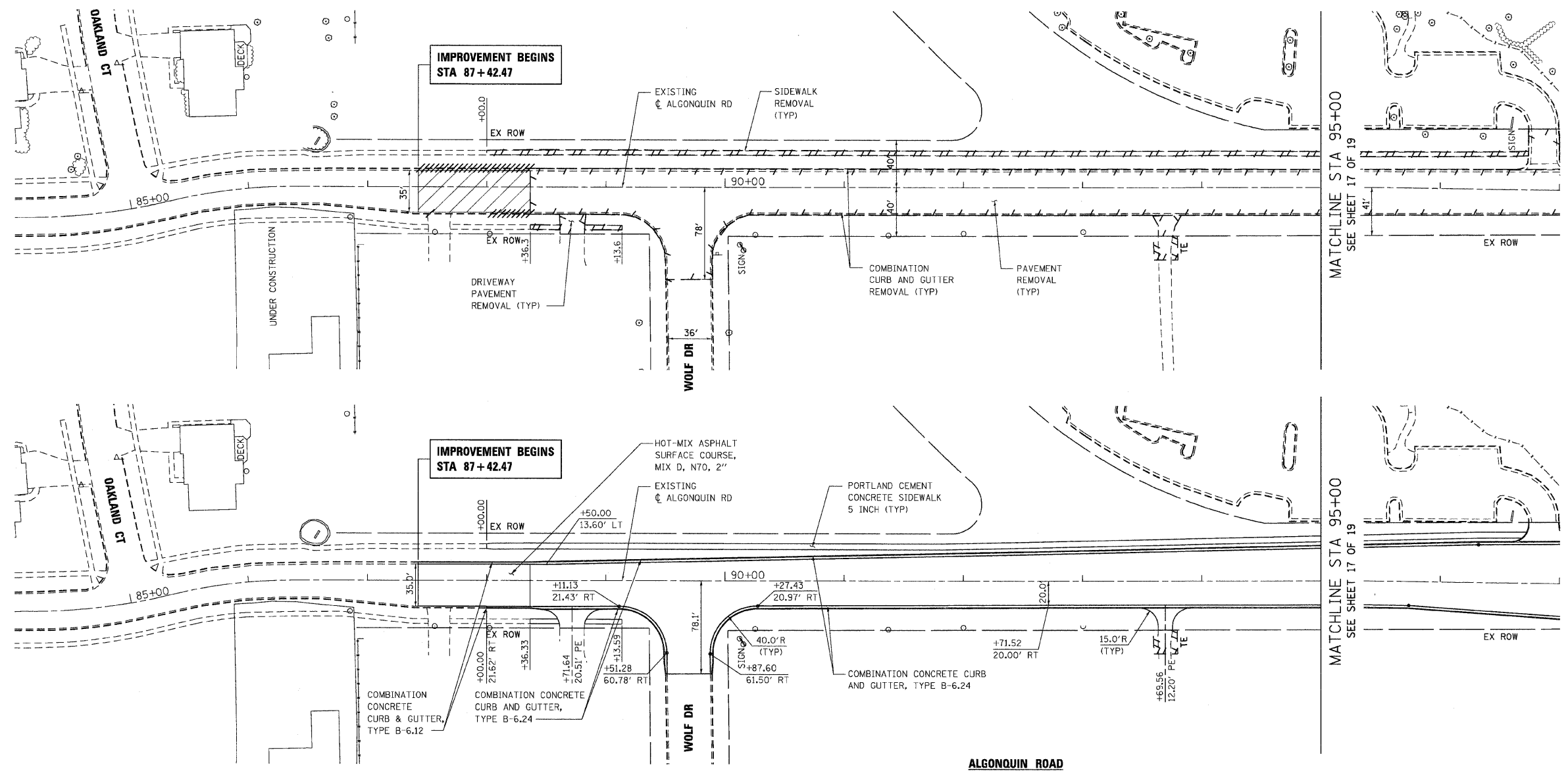


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	45
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

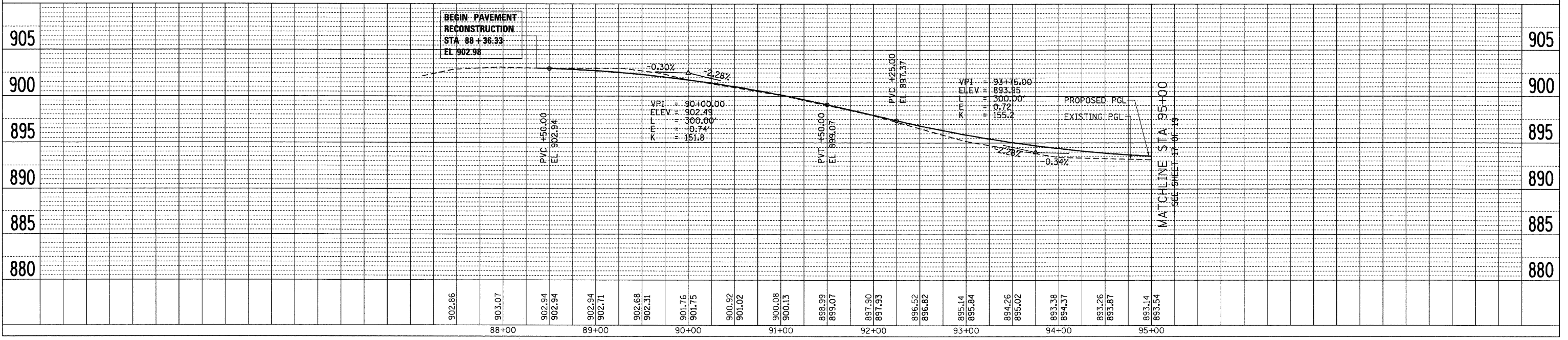
PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
NOTE BOOK NO.	
CADD FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS OK'D	
BY	
NOTE BOOK NO.	
CADD FILE NAME	

PLOT DATE = Wednesday, August 05, 2009
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- REMOVAL ITEM
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"

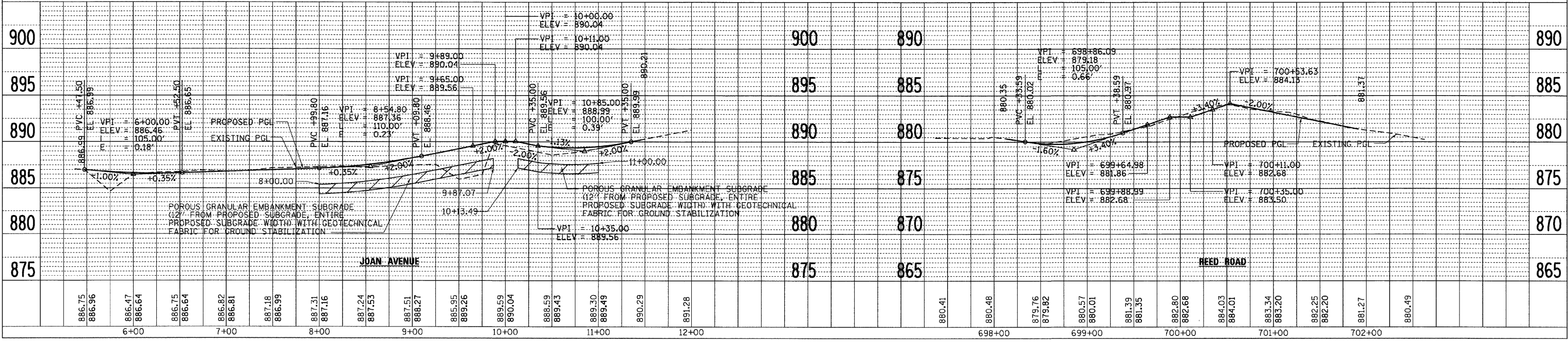
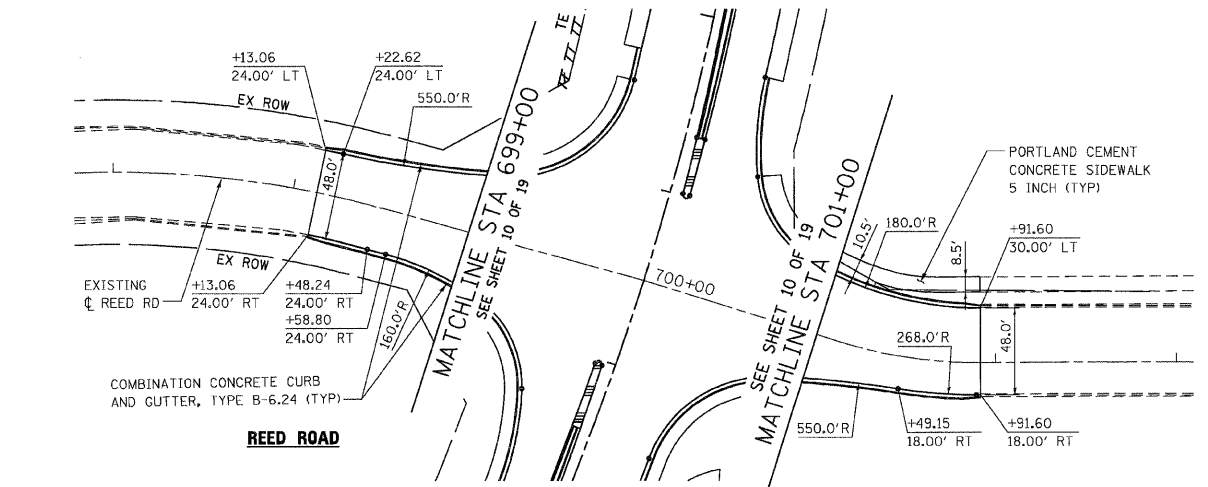
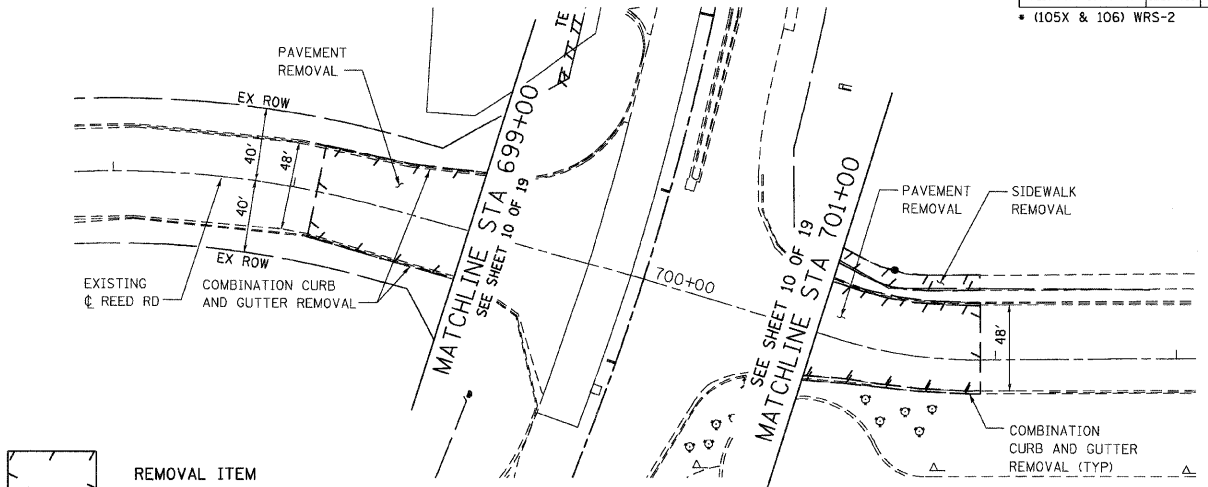
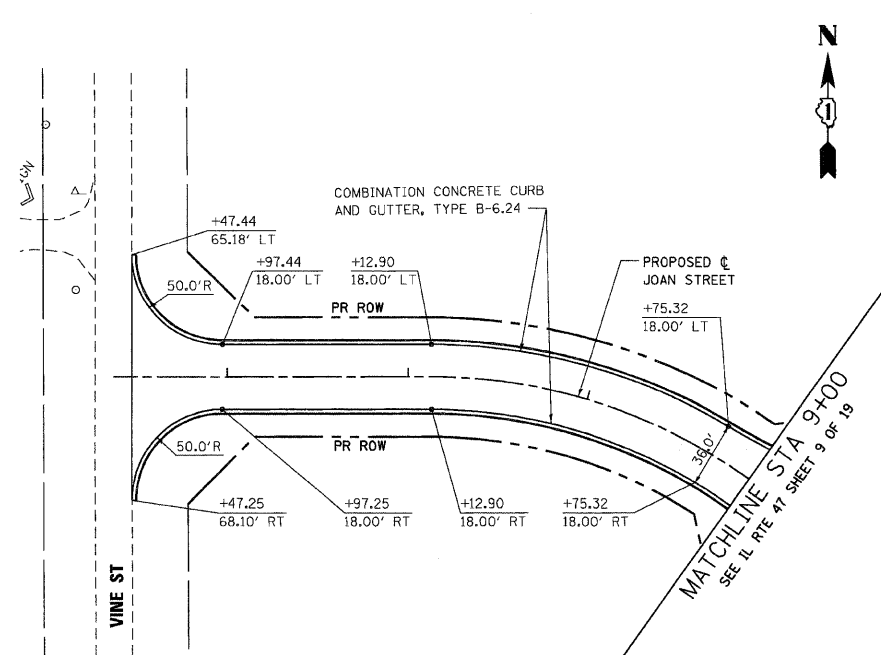


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	46
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

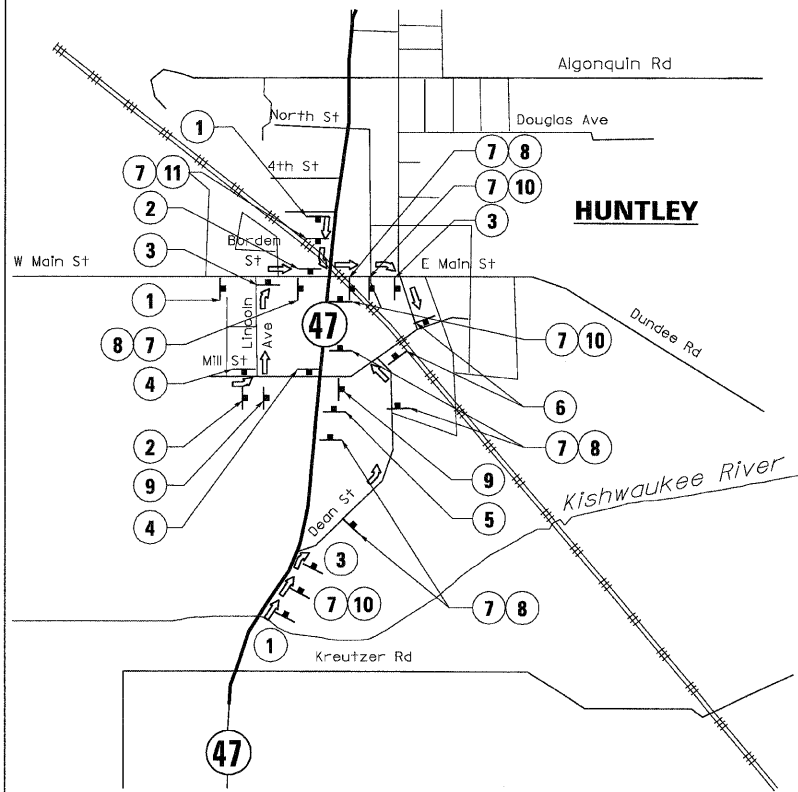
DATE	BY
DATE	BY

DATE	BY
DATE	BY

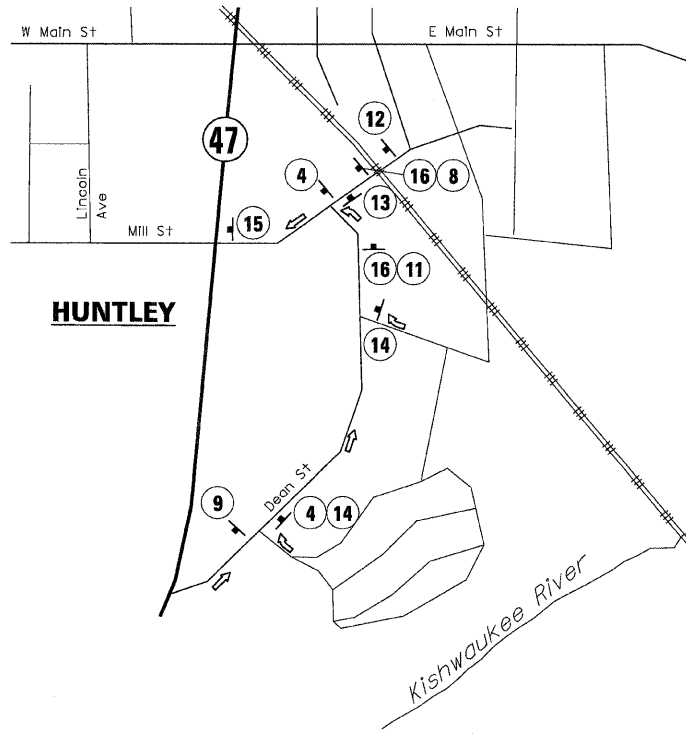
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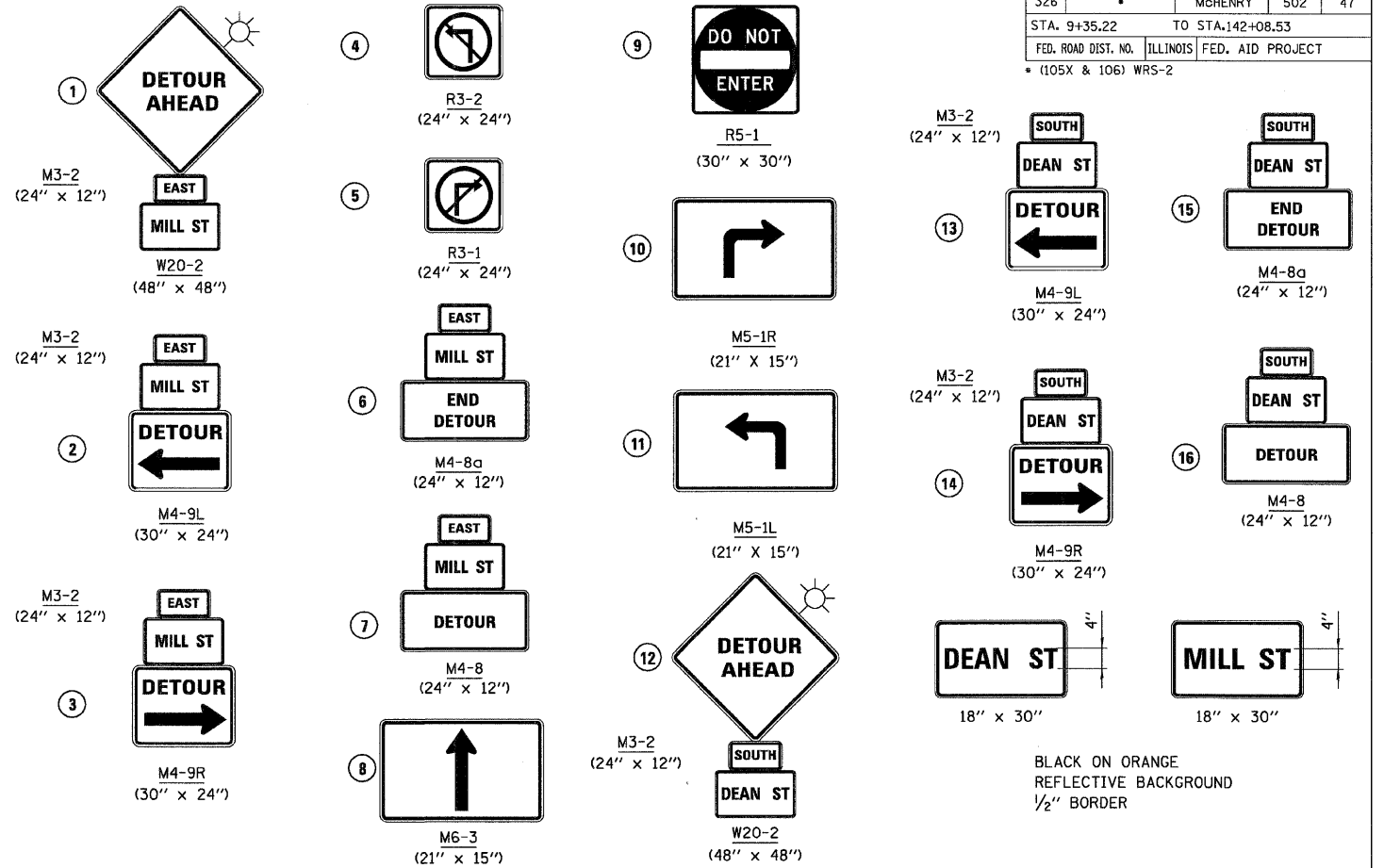
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	47
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



**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.

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

DATE: Wednesday, August 06, 2008
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USER NAME: 3830



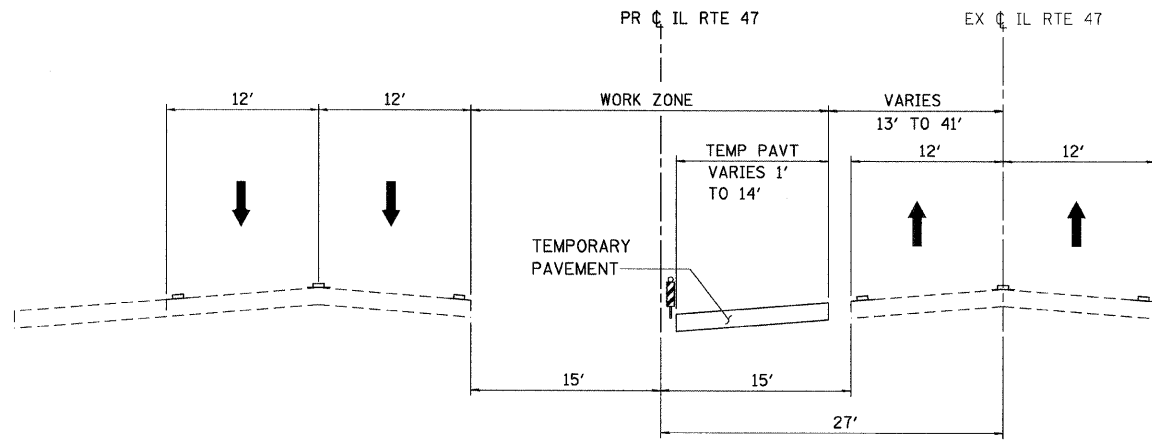
REVISIONS	
NAME	DATE

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

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

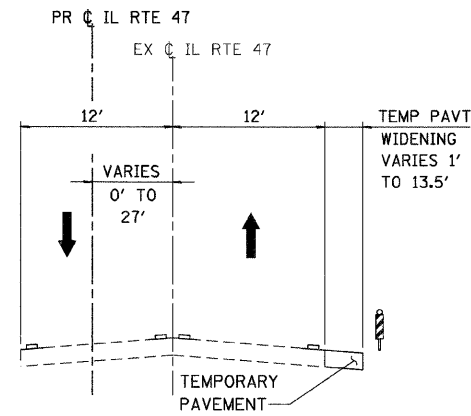
DRAWN BY: E.D.
CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	48
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



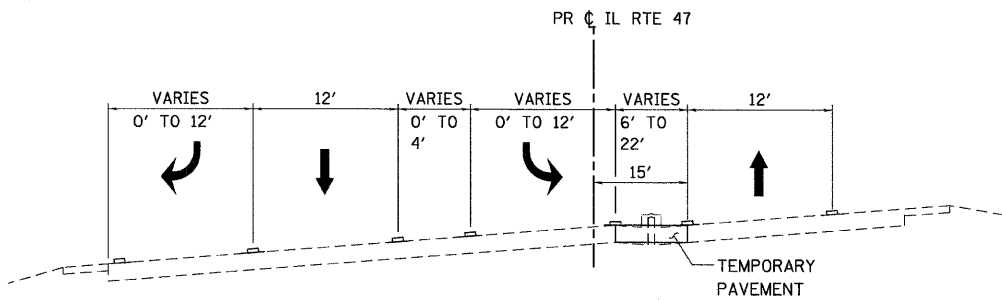
PRE-STAGE - IL RTE 47

STA 7+35.5 TO STA 12+33.8



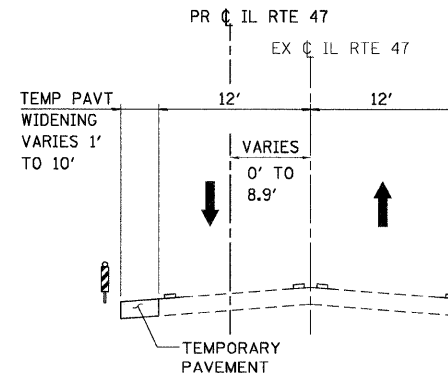
PRE-STAGE - IL RTE 47

STA 31+79.4 TO STA 35+04.5
 STA 45+75.2 TO STA 46+56.9
 STA 47+85.5 TO STA 62+18.3
 STA 63+17.5 TO STA 65+97.9
 STA 69+01.9 TO STA 75+48.0
 STA 22+08.2 TO STA 24+22.2
 STA 25+18.6 TO STA 30+95.6
 STA 123+17.5 TO STA 129+53.4



PRE-STAGE - IL RTE 47

STA 134+08.9 TO STA 143+71.9



PRE-STAGE - IL RTE 47

STA 89+57.1 TO STA 90+96.1
 STA 92+09.8 TO STA 94+98.4
 STA 95+53.0 TO STA 101+85.4
 STA 102+53.6 TO STA 104+46.1
 STA 111+81.2 TO STA 122+31.6

PRE-STAGE: IL RTE 47

STAGING:

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNING.
2. MAINTAIN EXISTING LANE CONFIGURATION AND WIDTHS.
3. TRAFFIC CONTROL AND PROTECTION SHALL BE IN ACCORDANCE WITH STANDARD 701326, 701501, 701601 AND 701606. ONLY DAYTIME CLOSURES SHALL BE PERMITTED.

CONSTRUCTION:

1. CONSTRUCT TEMPORARY PAVEMENT WIDENING AND TEMPORARY CROSSOVER AT THE LOCATIONS SHOWN ON THE PLANS.
2. INSTALL EROSION CONTROL MEASURES.
3. INSTALL TEMPORARY TRAFFIC SIGNALS.

LEGEND:

- EXISTING PAVEMENT MARKING
- - - TEMPORARY PAVEMENT MARKING OR WET PAVEMENT MARKING TAPE, TYPE III
- ▨ TYPE II BARRICADES OR DRUMS @ 50' C-C WITH STEADY BURN LIGHTS
50' C-C ON TANGENTS
25' C-C ON TAPERS AND LANE SHIFTS
12' C-C RADII
- ➔ TRAFFIC DIRECTION
- ▨ VERTICAL PANELS WITH STEADY BURN LIGHTS @ 50' C-C
- ▨ TEMPORARY CONCRETE BARRIER
- ▨ LONGITUDINAL CHANNELIZER

REVISIONS	
NAME	DATE

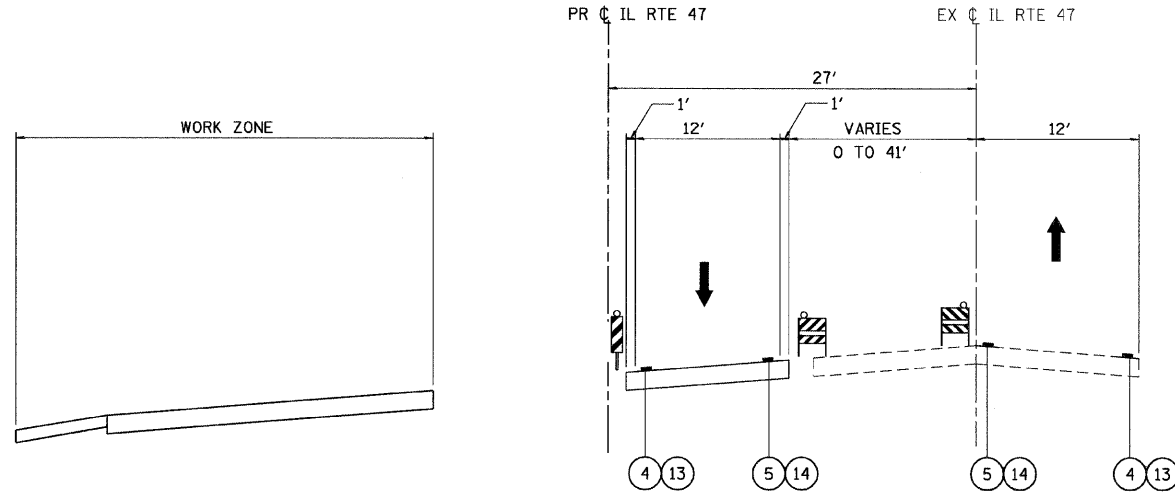
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
PRE-STAGE - SHEET 1 OF 1



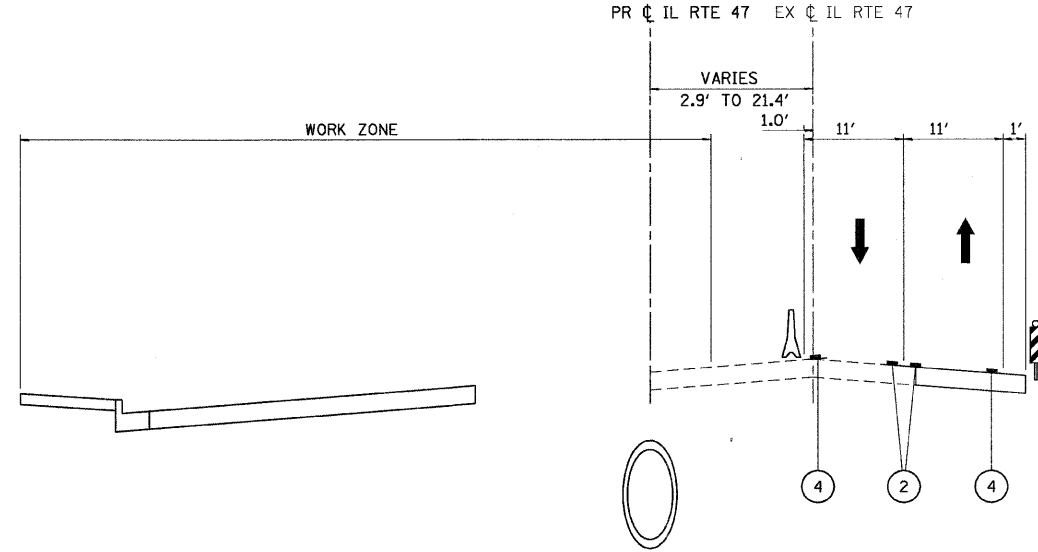
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 CHECKED BY: B.S.

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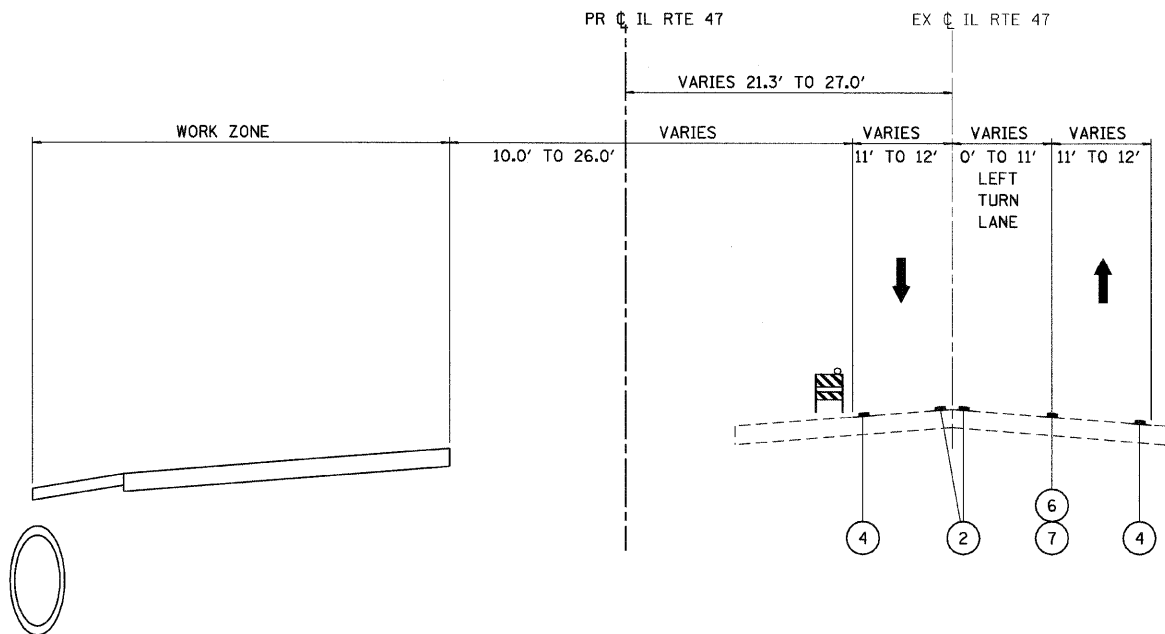
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	49
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



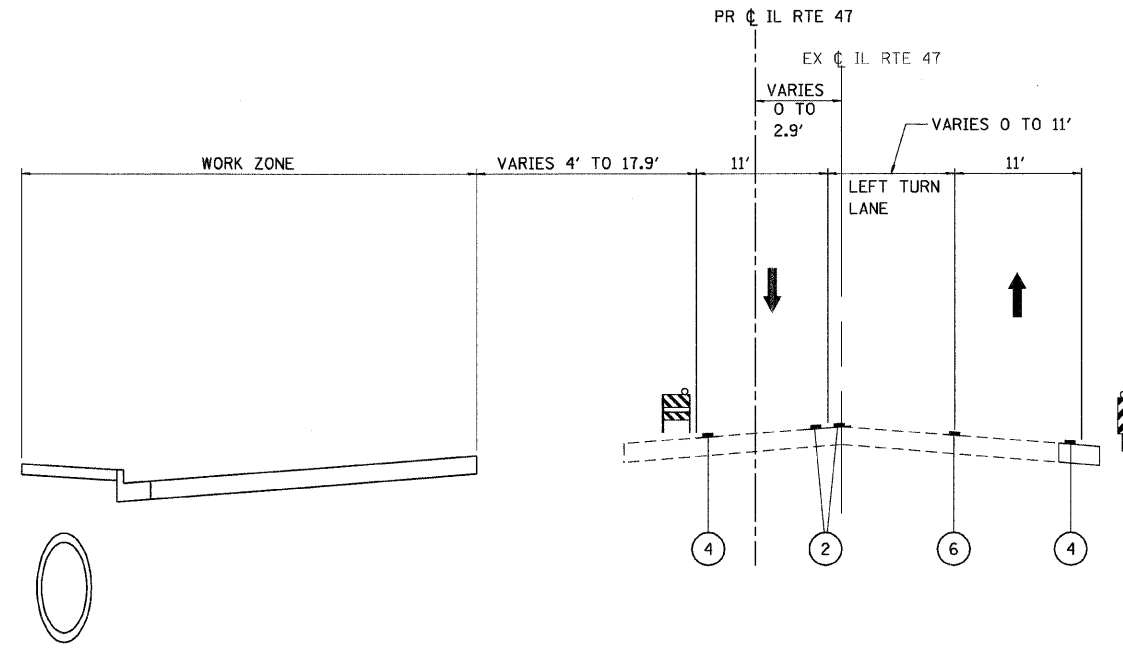
STAGE 1: IL RTE 47
STA 7+35.7 TO STA 11+59.6



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 = Wednesday, August 05, 2009
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USER NAME = J3830



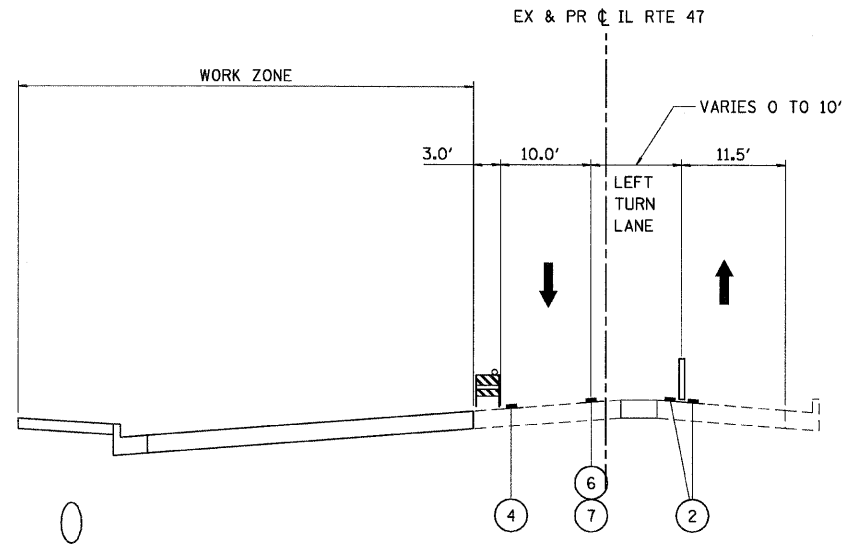
REVISIONS	
NAME	DATE

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

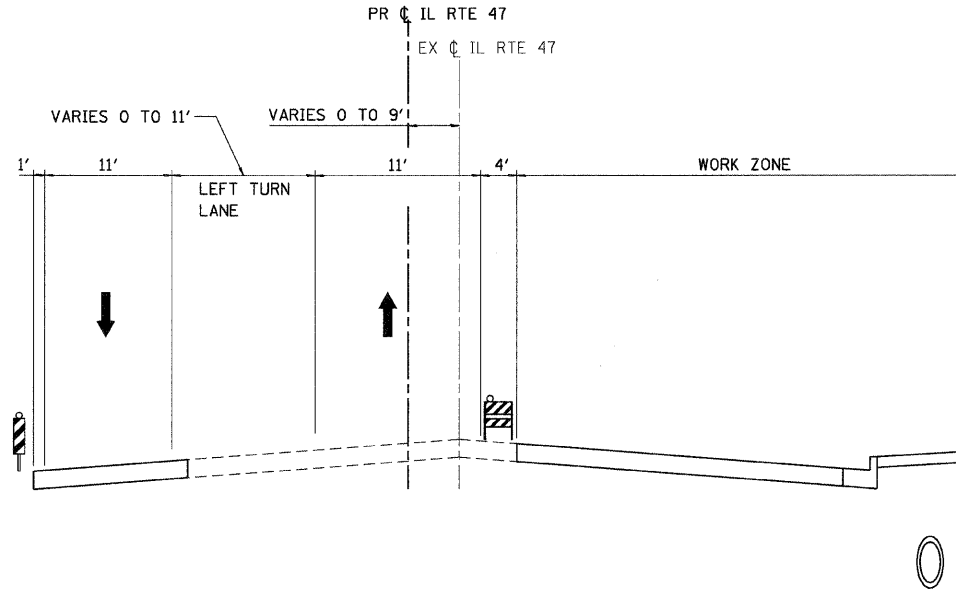
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DATE: 8/5/2009

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CHECKED BY: B.S.

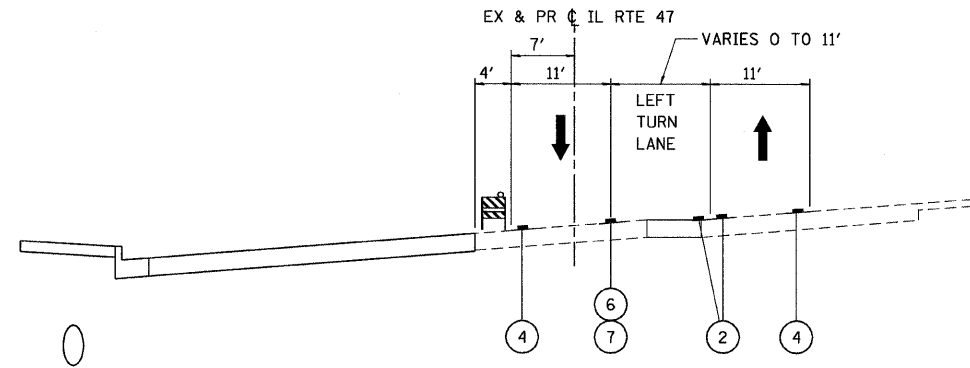
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326	*	McHENRY	502	50
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (105X & 106) WRS-2				



STAGE 1: IL RTE 47
STA 75+89.9 TO STA 80+96.2



STAGE 1: IL RTE 47
STA 80+96.2 TO STA 123+54.0



STAGE 1: IL RTE 47
STA 123+54.0 TO STA 143+71.9

PLOT DATE = Wednesday, August 05, 2009
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USER NAME = 3830

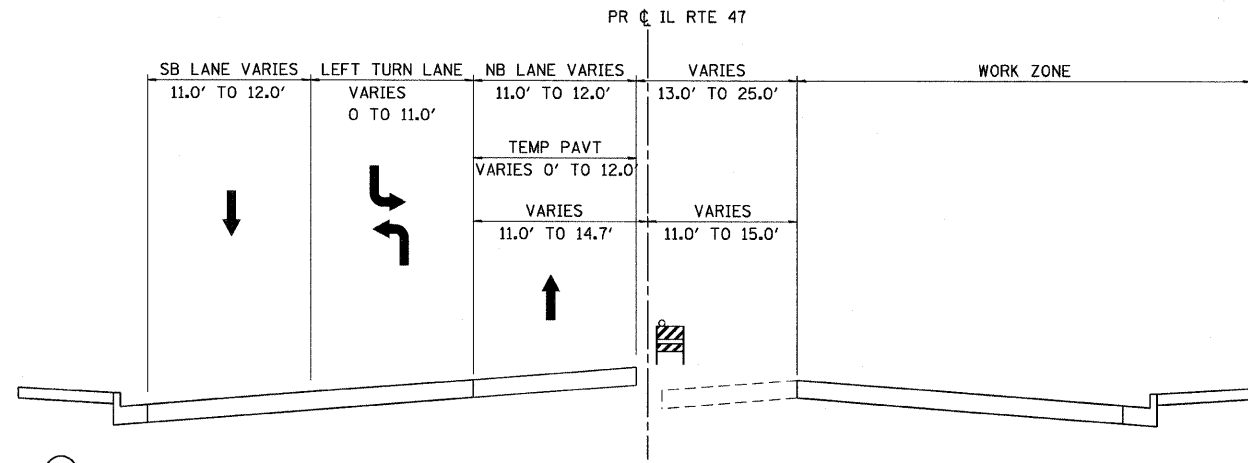


REVISIONS	
NAME	DATE

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

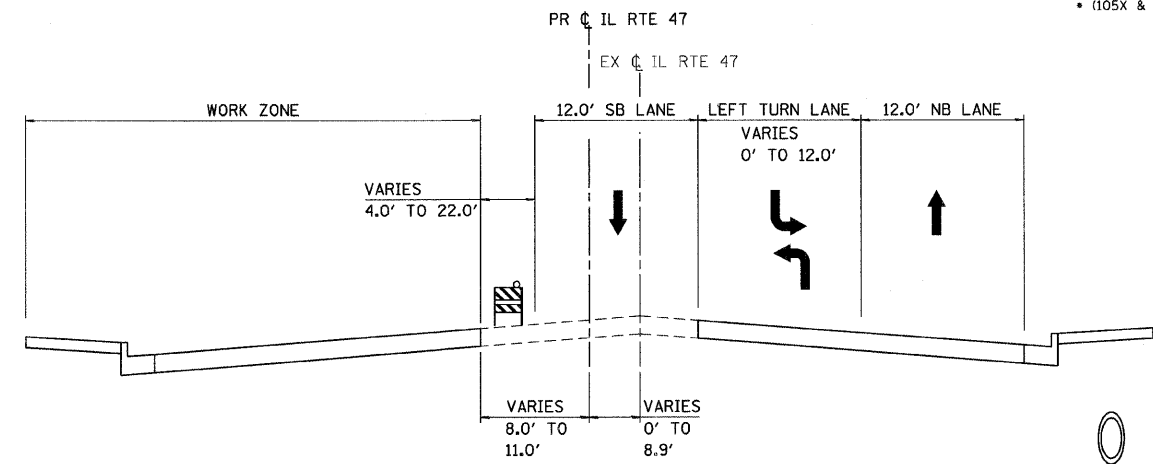
SCALE: VERT. NO SCALE
HORIZ. NO SCALE
DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	51
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



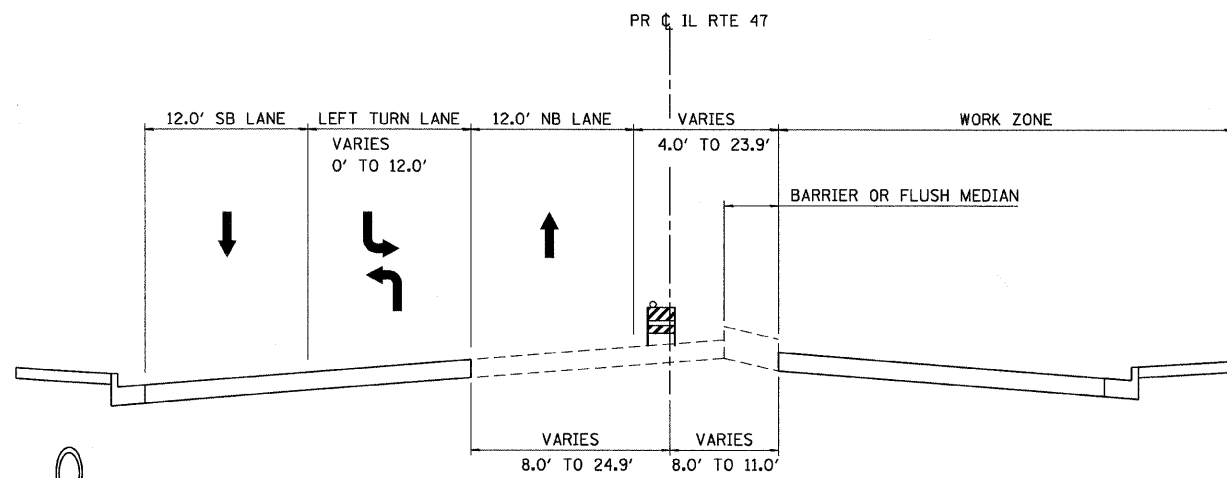
STAGE 2 - IL RTE 47

CONSTRUCT NB LANES AND STORM SEWER LATERALS
STA 7+35.73 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 = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-INT\031_mtl_twp_mso-2.dgn
PLOT SCALE = 1/8"=1'
USER NAME = 3830



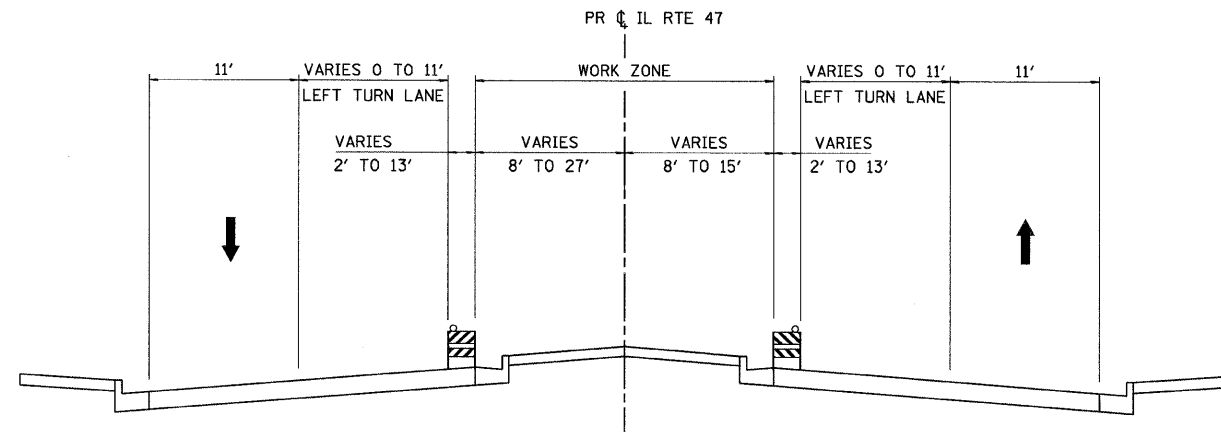
REVISIONS	
NAME	DATE

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

SCALE: VERT. NO SCALE
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	52
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (105X & 106) WRS-2				



STAGE 3 - IL RTE 47
STA 9+35.2 TO STA 142+08.5

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-1111\WRS2_mst.typ_aec_3.dgn
PLOT SCALE = 1/8"=1'
USER NAME = JBS30

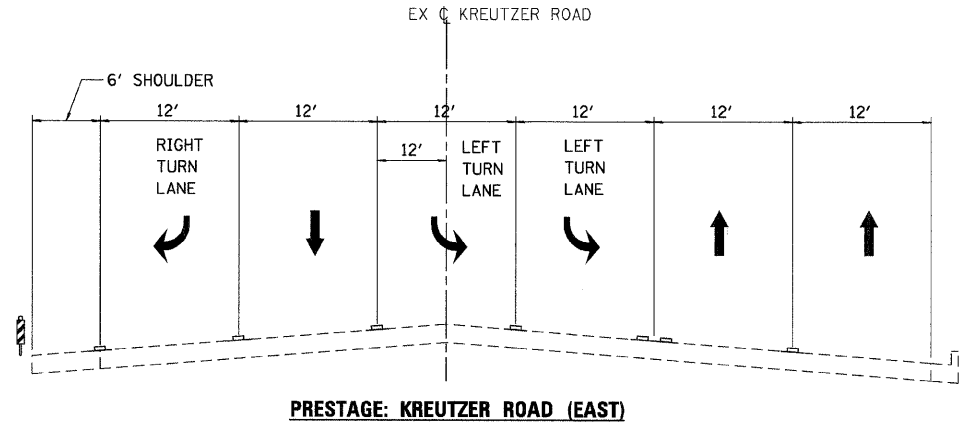
REVISIONS	
NAME	DATE



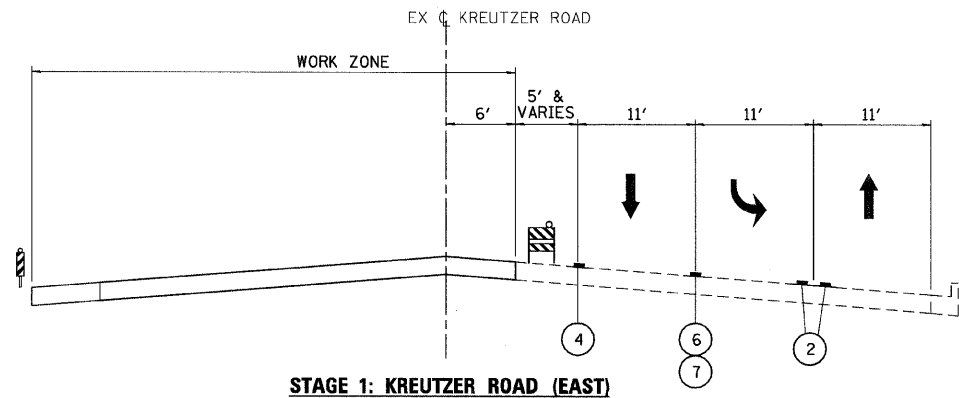
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
STAGE 3 - SHEET 1 OF 1

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

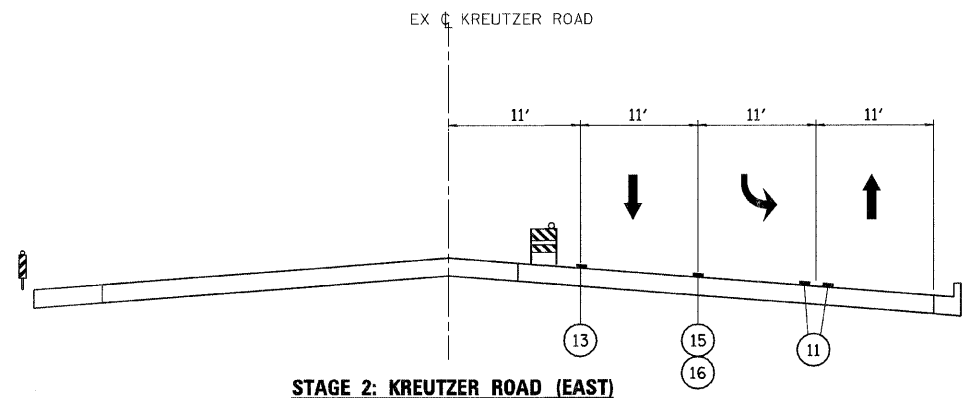
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	53
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



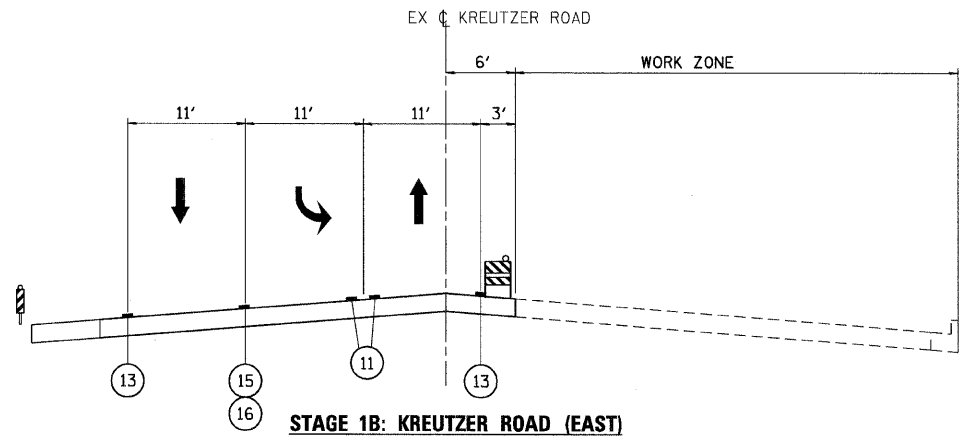
PRESTAGE: KREUTZER ROAD (EAST)



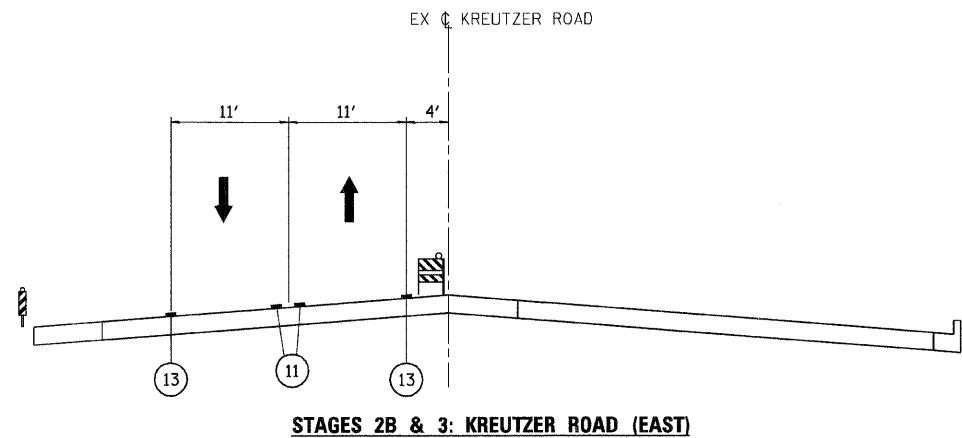
STAGE 1: KREUTZER ROAD (EAST)



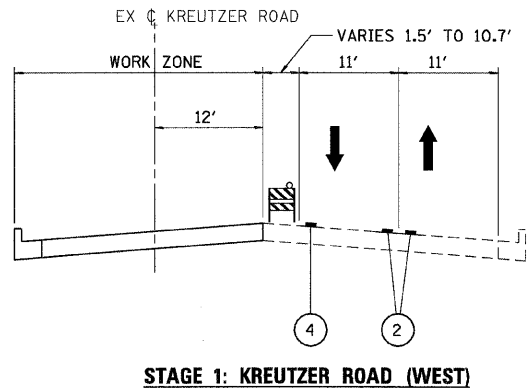
STAGE 2: KREUTZER ROAD (EAST)



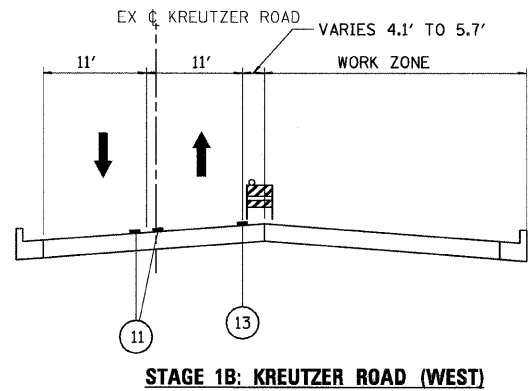
STAGE 1B: KREUTZER ROAD (EAST)



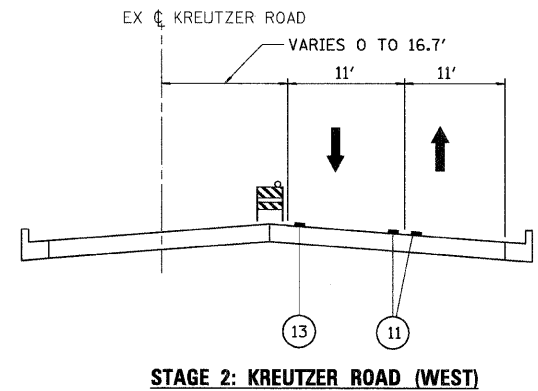
STAGES 2B & 3: KREUTZER ROAD (EAST)



STAGE 1: KREUTZER ROAD (WEST)



STAGE 1B: KREUTZER ROAD (WEST)



STAGE 2: KREUTZER ROAD (WEST)

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-11-11\1063.mxd
 PLOT SCALE = 1/8"=1'
 USER NAME = 3859



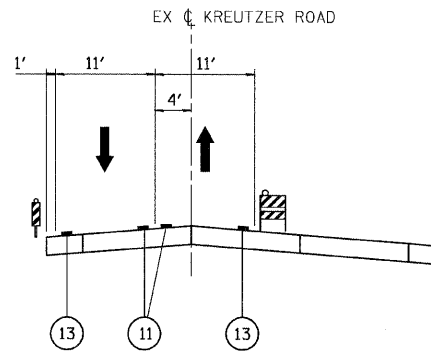
REVISIONS	
NAME	DATE

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

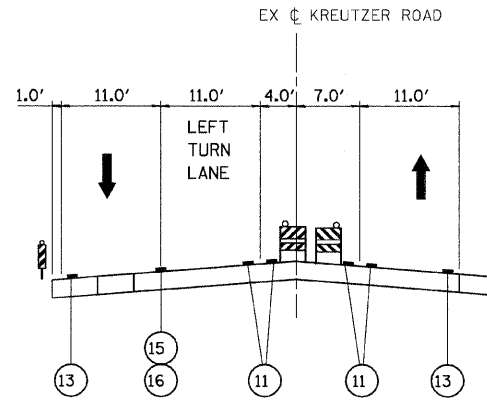
SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: B.S.

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		

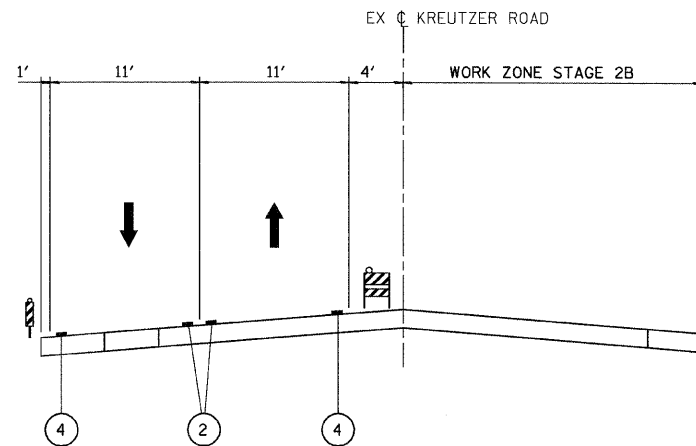
• (105X & 106) WRS-2



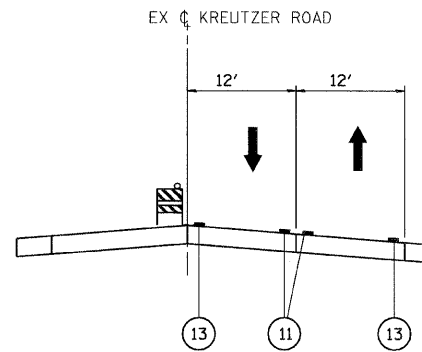
STAGE 2B: KREUTZER ROAD (WEST)
STAGE 3: KREUTZER ROAD (WEST)



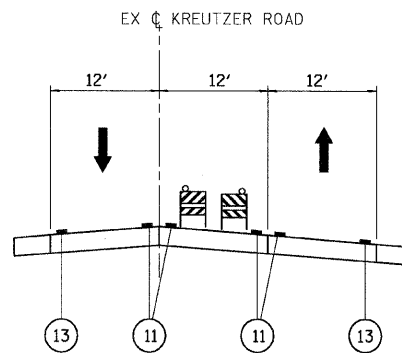
STAGE 3B: KREUTZER ROAD (EAST)



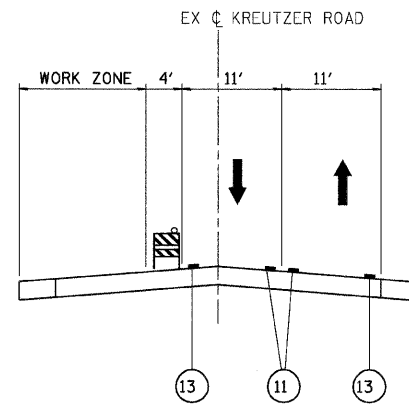
STAGE 2B: KREUTZER ROAD (EAST)
STAGE 3: KREUTZER ROAD (EAST)



STAGE 3C: KREUTZER ROAD (WEST)



STAGE 3B: KREUTZER ROAD (WEST)



STAGE 3C: KREUTZER ROAD (EAST)

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CDD\111-111\111-054_mct_byp_mec_atd_2.dgn
PLOT SCALE = 1/8"=1'
USER NAME = 3838

REVISIONS	
NAME	DATE

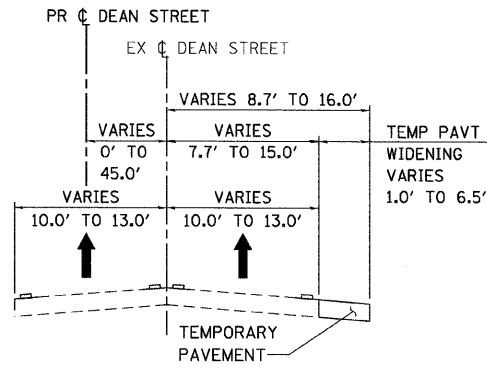
ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SHEET 2 OF 2

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

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

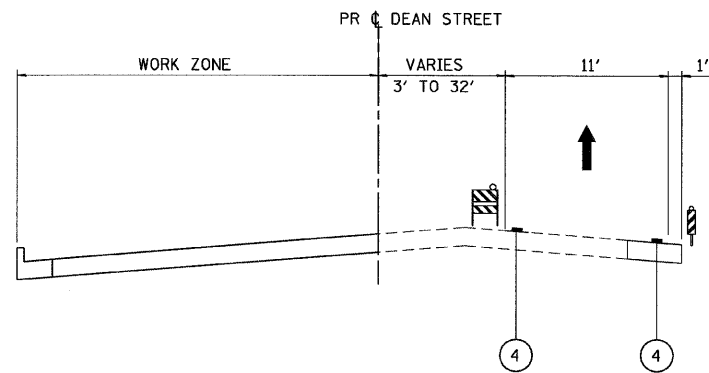


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	55
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (105X & 106) WRS-2				

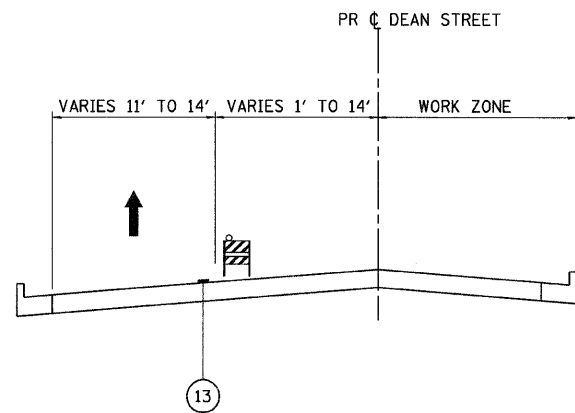


PRE-STAGE - DEAN STREET

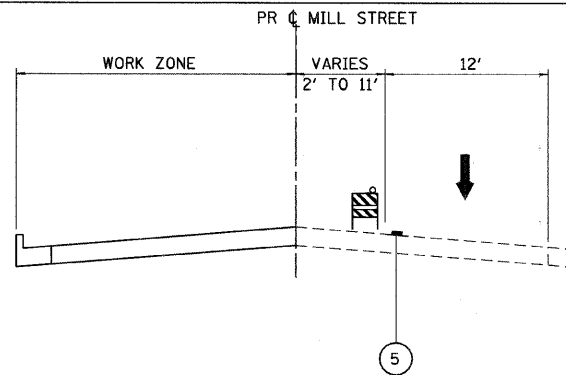
STA 302+87.3 TO STA 306+49.2



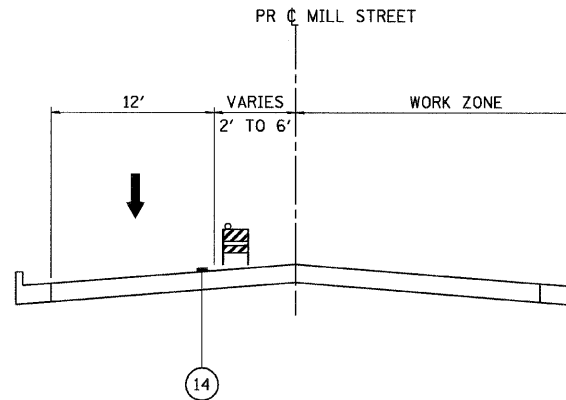
STAGE 2: DEAN STREET - ONE WAY EB



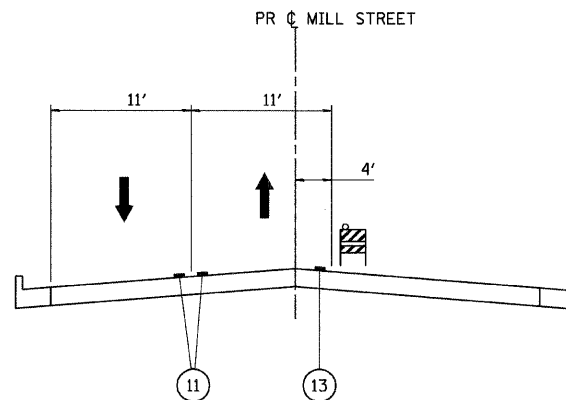
STAGE 2B: DEAN STREET - ONE WAY EB



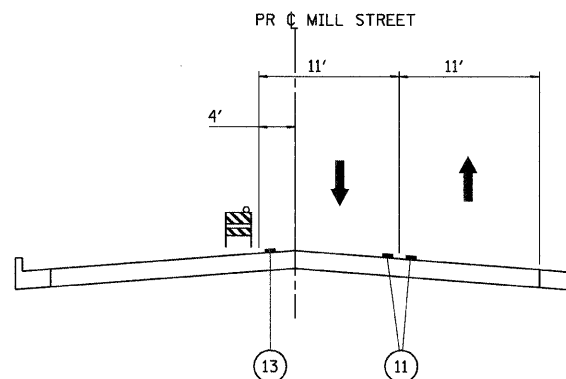
STAGE 1: MILL STREET - ONE WAY WB



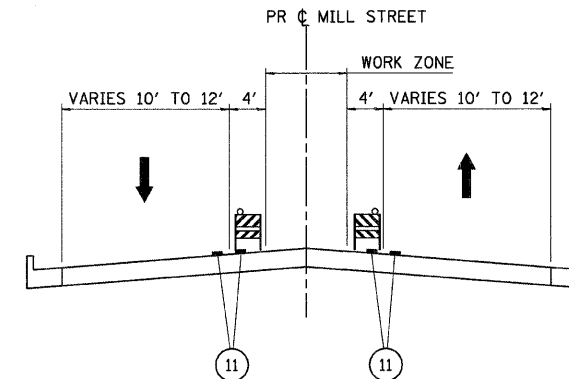
STAGE 1B: MILL STREET - ONE WAY WB



**STAGE 2: MILL STREET
STAGE 3C: MILL STREET**



**STAGE 2B: MILL STREET
STAGE 3B: MILL STREET**



**STAGE 2C: MILL STREET
STAGE 3: MILL STREET**

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-mt\0825_mst_twp_sec_std_3.dgn
PLOT SCALE = 1/8" = 1'
USER NAME = JBR



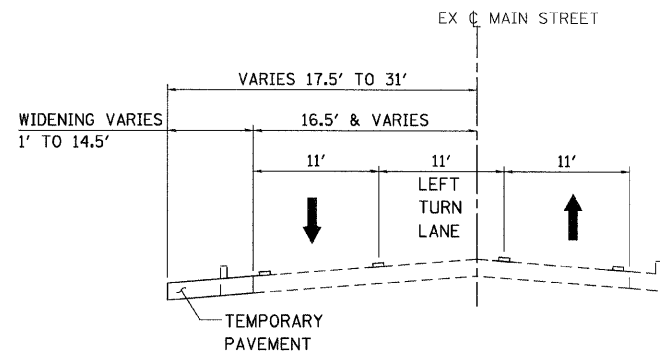
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DEAN STREET AND MILL STREET
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SHEET 1 OF 1

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

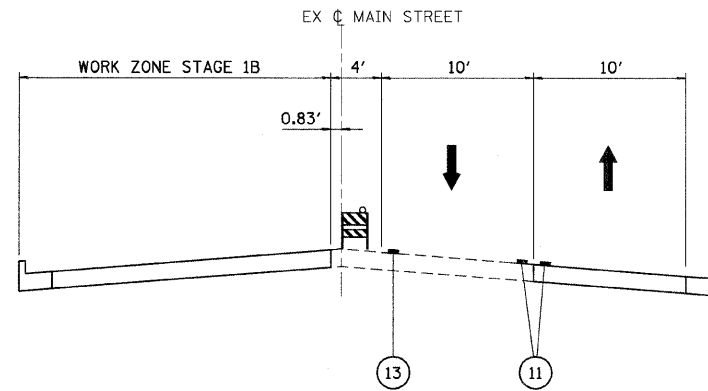
DRAWN BY: E.D.
CHECKED BY: B.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	56
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				

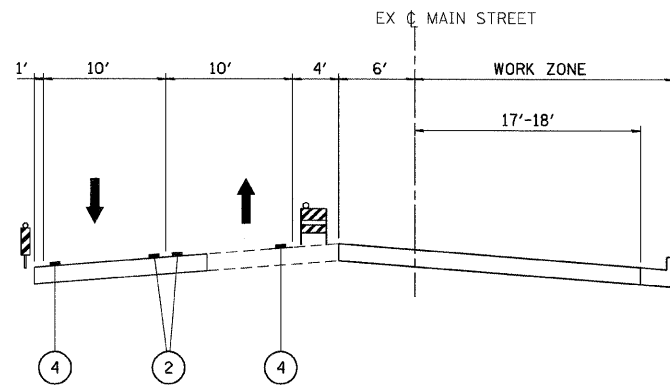


PRE-STAGE: MAIN STREET

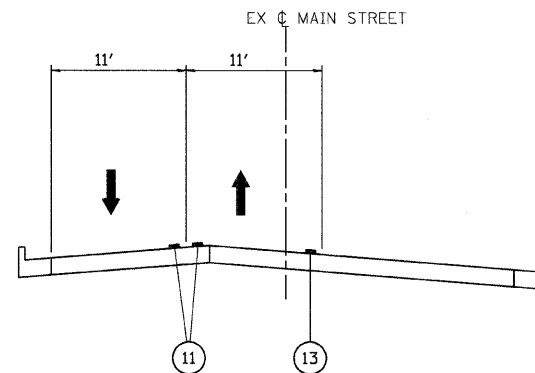
STA 493+98.7 TO STA 499+77.1
STA 500+26.8 TO STA 501+34.9



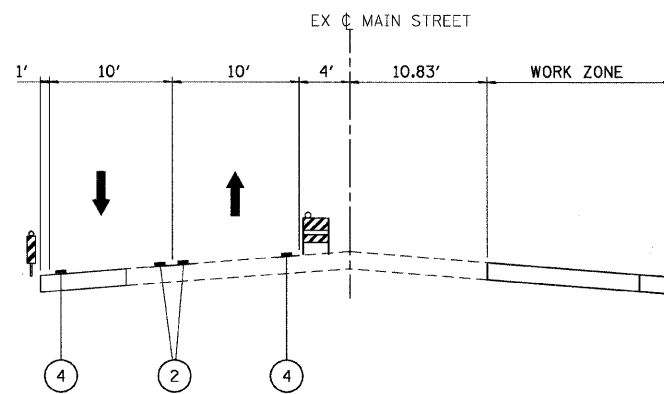
STAGE 1B: MAIN STREET (EAST)
STAGE 2: MAIN STREET (EAST)
STAGE 3B: MAIN STREET (EAST)



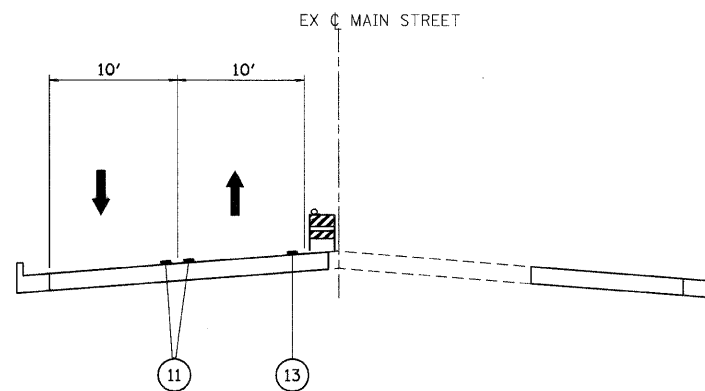
STAGE 1: MAIN STREET (WEST)



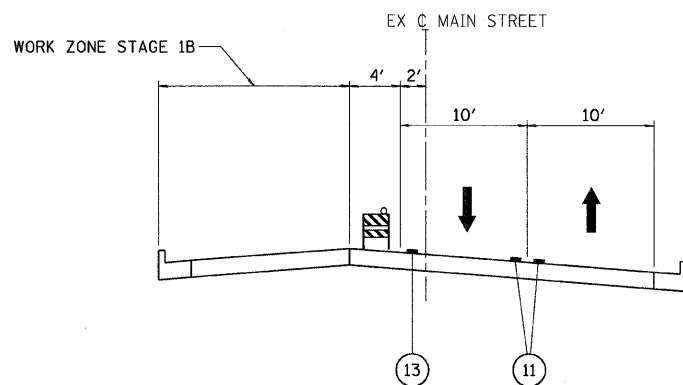
STAGE 2B: MAIN STREET (WEST)
STAGE 3: MAIN STREET (WEST)



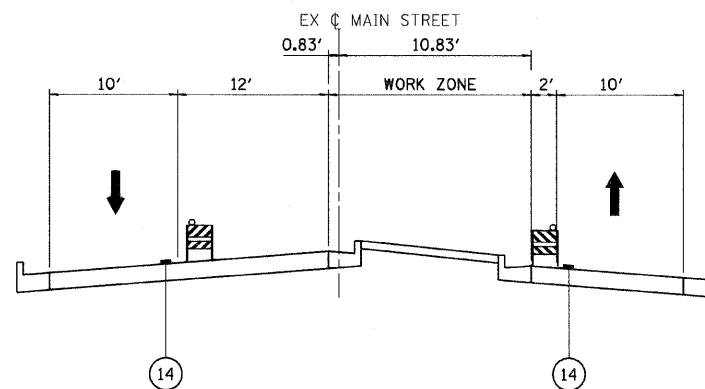
STAGE 1: MAIN STREET (EAST)



STAGE 2B: MAIN STREET (EAST)



STAGE 1B: MAIN STREET (WEST)
STAGE 2: MAIN STREET (WEST)
STAGE 3B: MAIN STREET (WEST)



STAGE 3C: MAIN STREET (EAST)

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-mt\096.mnt\096.mnt-tp-sec-std-4.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = 3838



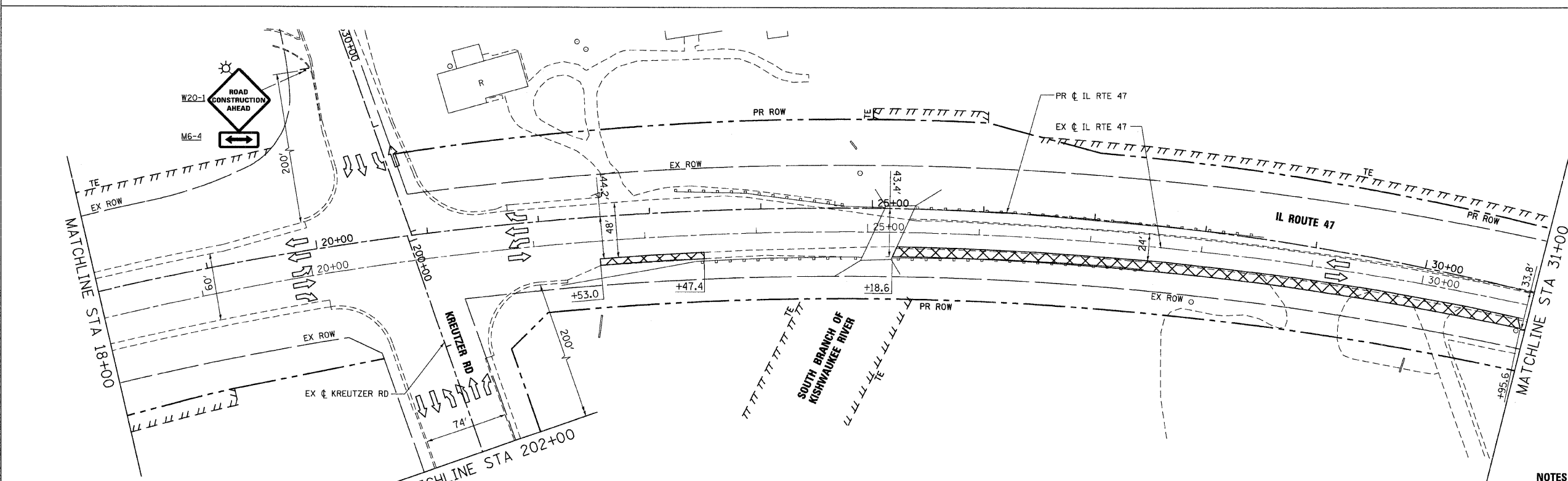
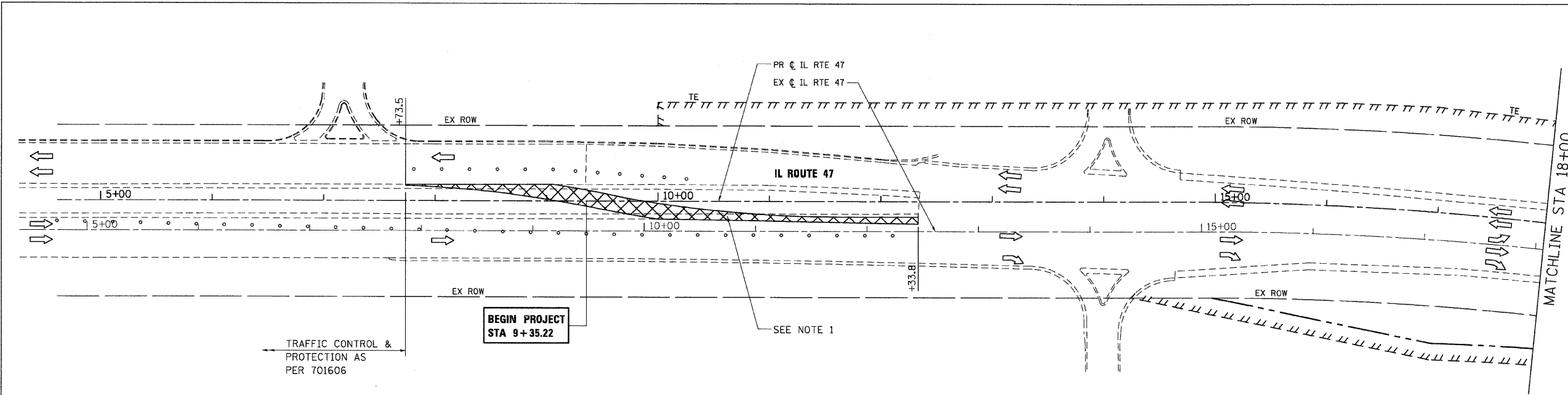
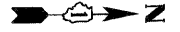
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAIN STREET
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SHEET 1 OF 1

SCALE: VERT. NO SCALE
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	60
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



- NOTES:**
- SEE MOT STAGE 1 FOR TEMPORARY CROSSOVER GEOMETRY.
 - ALL EXISTING PAVEMENT MARKINGS SHALL REMAIN IN PLACE.
 - MAINTENANCE OF TRAFFIC IN AREAS OF TEMPORARY PAVEMENT WIDENING AT THE OUTSIDE EDGES OF PAVEMENT SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701326.
 - ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.

REVISIONS	
NAME	DATE

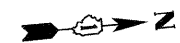
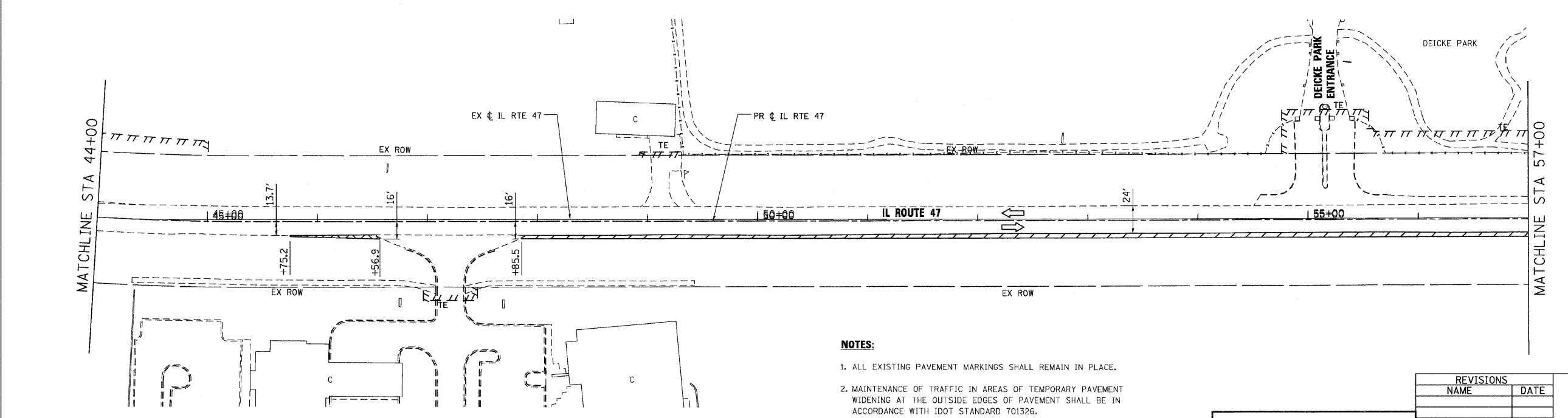
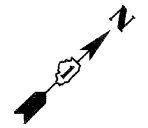
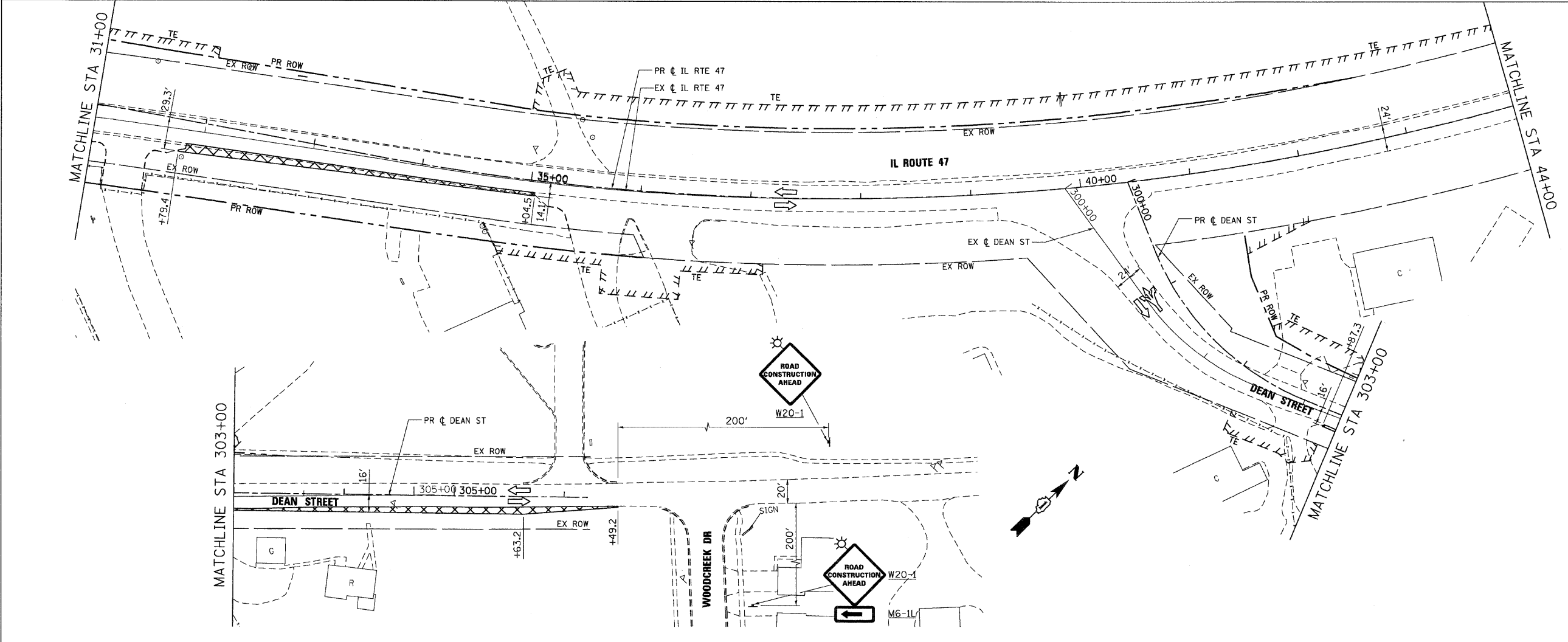
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - PRE-STAGE
SHEET 1 OF 8

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

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois State Registration No. BA-00533
 (773) 593-3524

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-11\11086_mct_pre.sh100.dgn
 PLOT SCALE = 1/8"=1'
 USER NAME = 3639

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	61
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 AT THE OUTSIDE EDGES OF PAVEMENT SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701326.
3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.

REVISIONS	
NAME	DATE

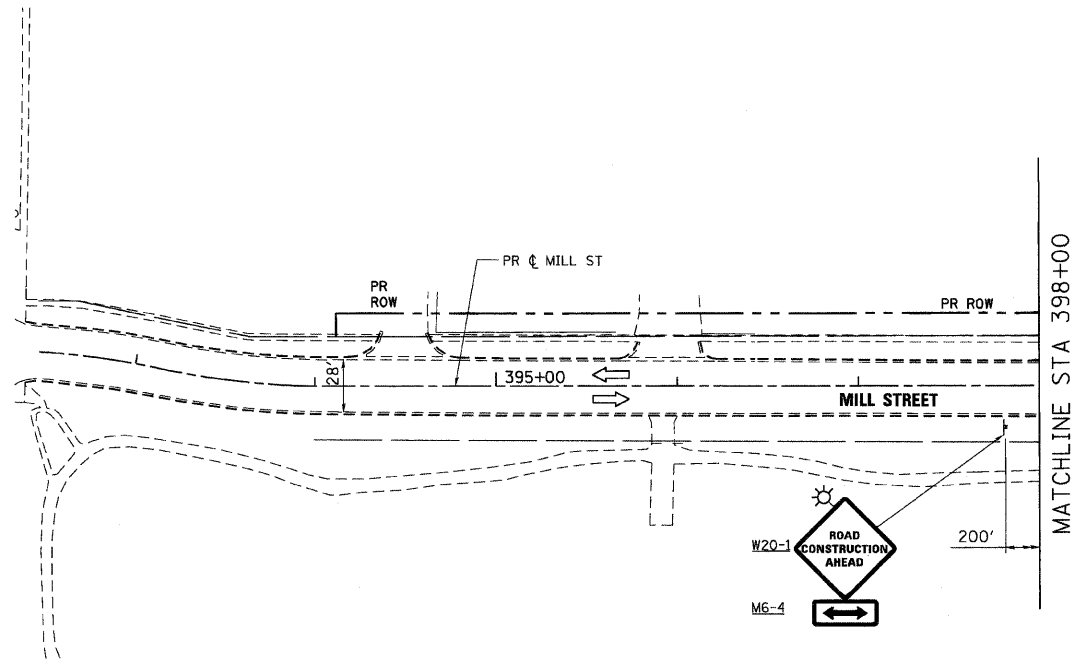


ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - PRE-STAGE
 SHEET 2 OF 8

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

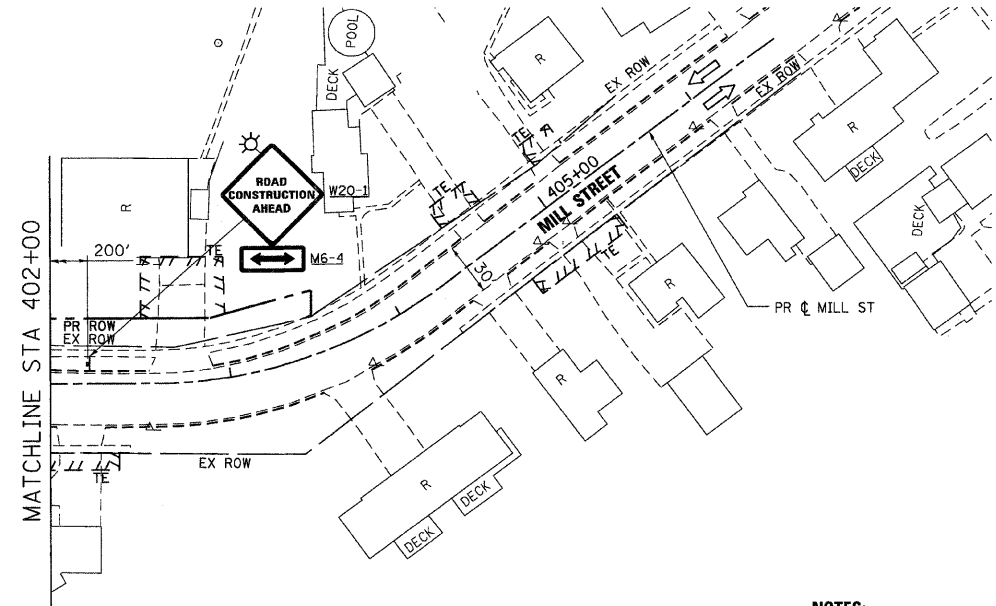
PLOT DATE = Wednesday, August 05, 2009
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 PLOT SCALE = 5/8"=1'
 USER NAME = 3830

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				



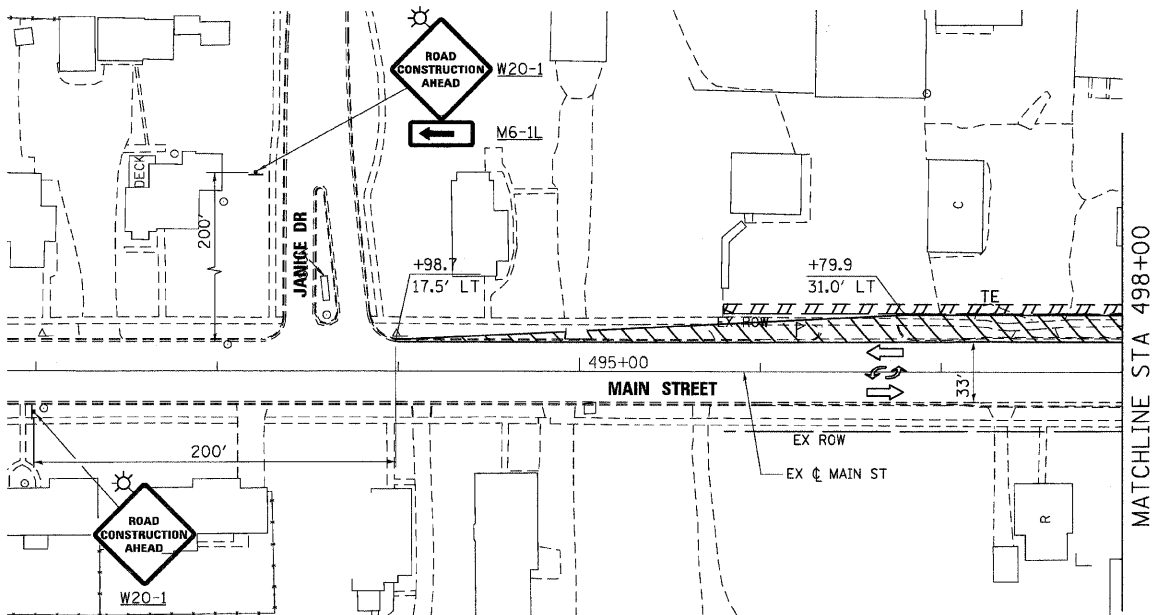
SEE MOT - PRE-STAGE SHEET 3 OF 8 FOR CONTINUATION

MILL STREET



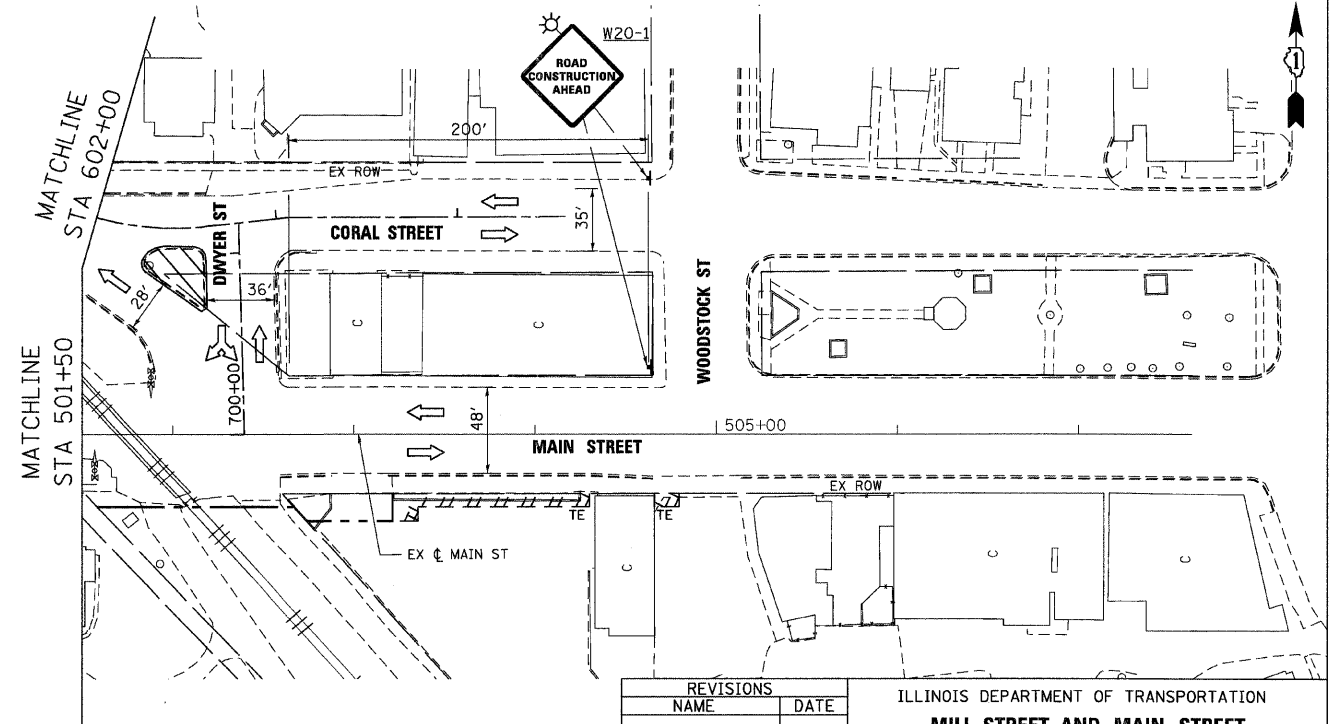
NOTES:

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 IDOT STANDARD 701326.



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

MAIN STREET



PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-ent\11-0652_sct_pre-ahv94.dgn
 PLOT SCALE = 50:1
 USER NAME = 3836

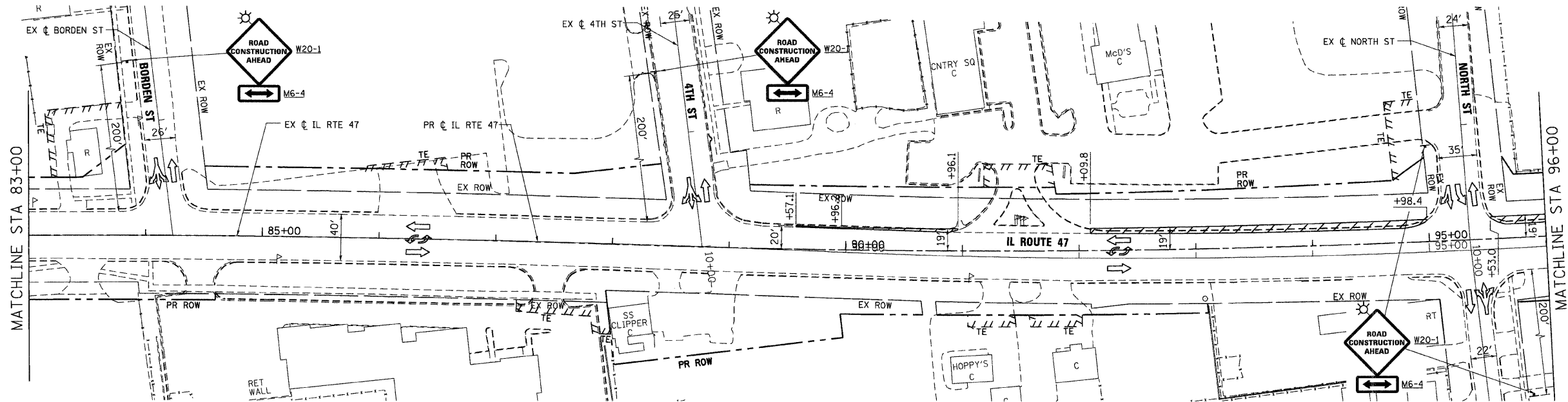
REVISIONS	
NAME	DATE

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

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

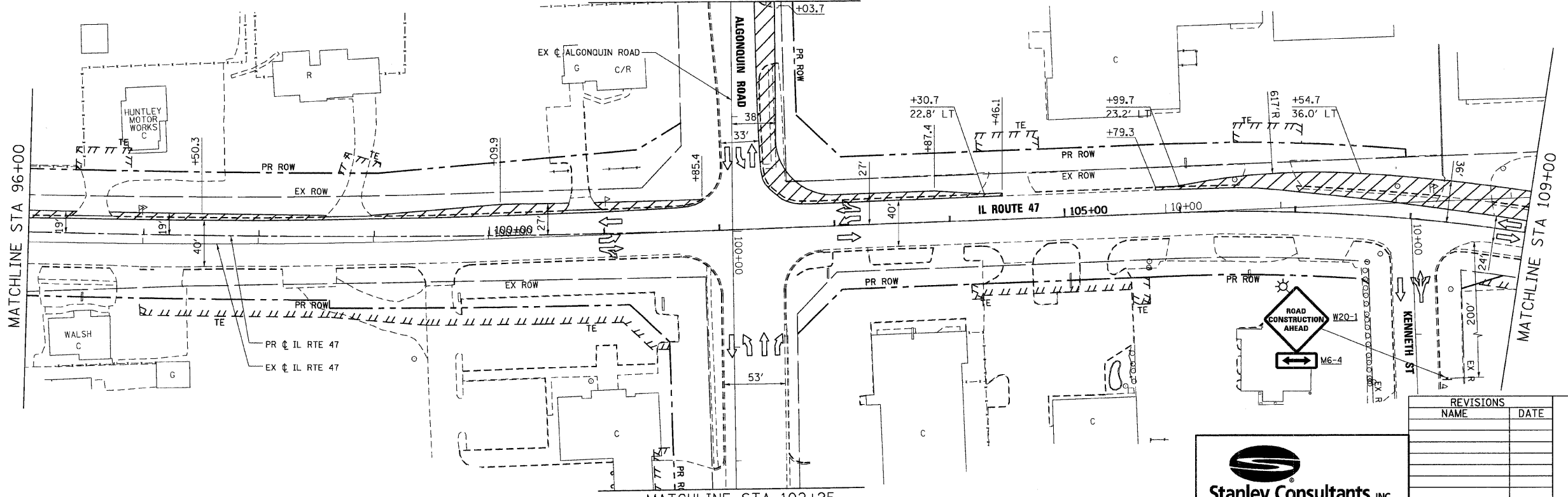
DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	64
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 STANDARD 701502.
 3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.

SEE MOT - PRE-STAGE SHEET 6 OF 8
FOR CONTINUATION
MATCHLINE STA 98+00



MATCHLINE STA 102+25
SEE MOT - PRE-STAGE SHEET 6 OF 8
FOR CONTINUATION

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-ent\1064_mst\prn_sht105.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = 3636

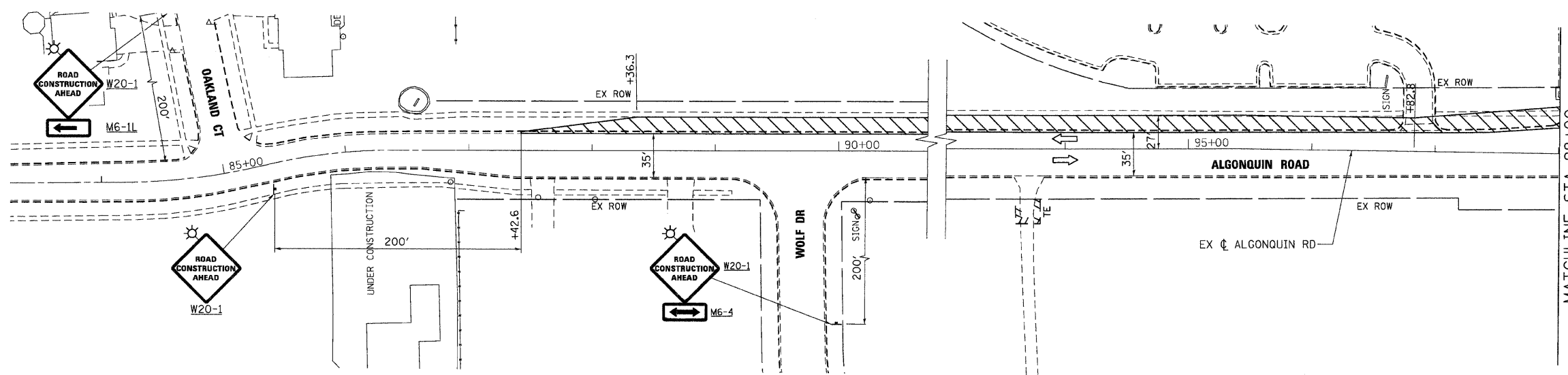
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleygrp.com
Illinois Firm Registration No. 04-00533
(773) 697-2524

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - PRE-STAGE
SHEET 5 OF 8

SCALE: VERT. 1/4"=1'-0"
HORIZ. 1/4"=1'-0"
DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

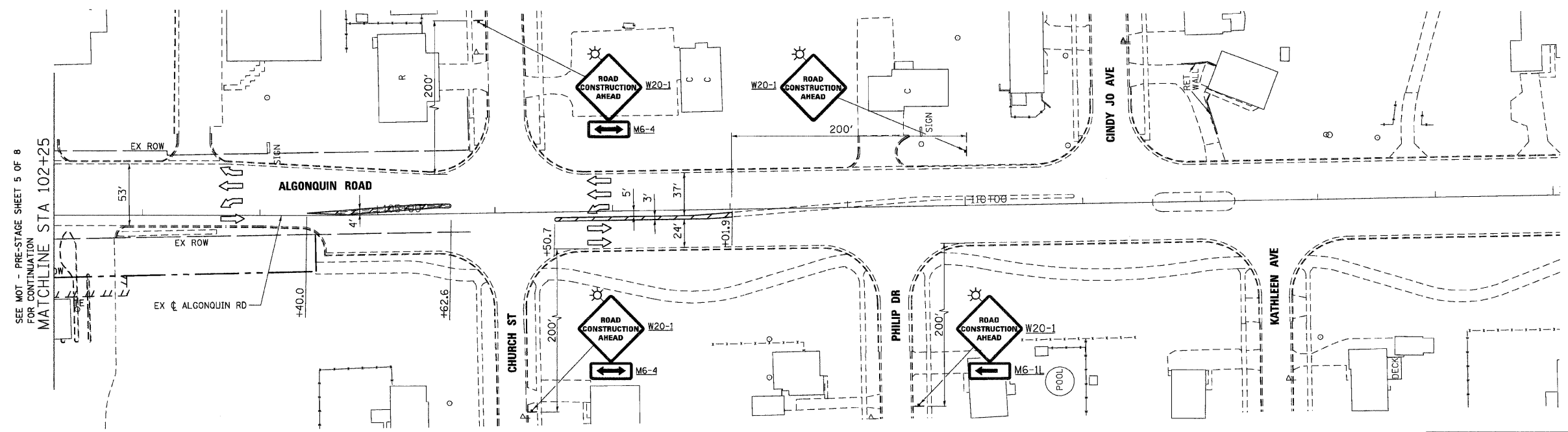
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	65
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



MATCHLINE STA 98+00
SEE MOT - PRE-STAGE SHEET 5 OF 8
FOR CONTINUATION

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 STANDARD 701502.
3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.



SEE MOT - PRE-STAGE SHEET 5 OF 8
FOR CONTINUATION
MATCHLINE STA 102+25

REVISIONS	
NAME	DATE

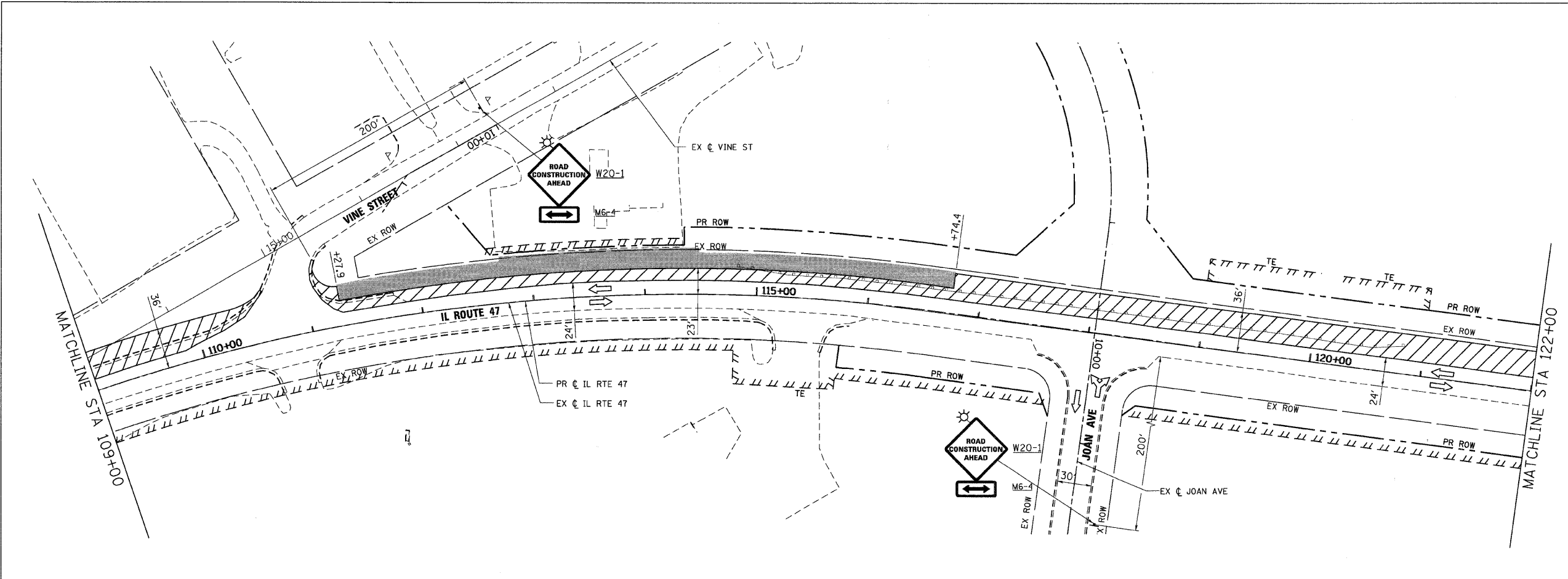
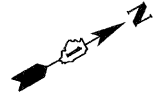
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - PRE-STAGE
SHEET 6 OF 8

Stanley Consultants INC.
850 West Higgins Road, Suite 130, Chicago, Illinois 60631-2801
www.stanleygroup.com
Equal Opportunity Employer
773.593.3524

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

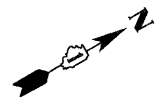
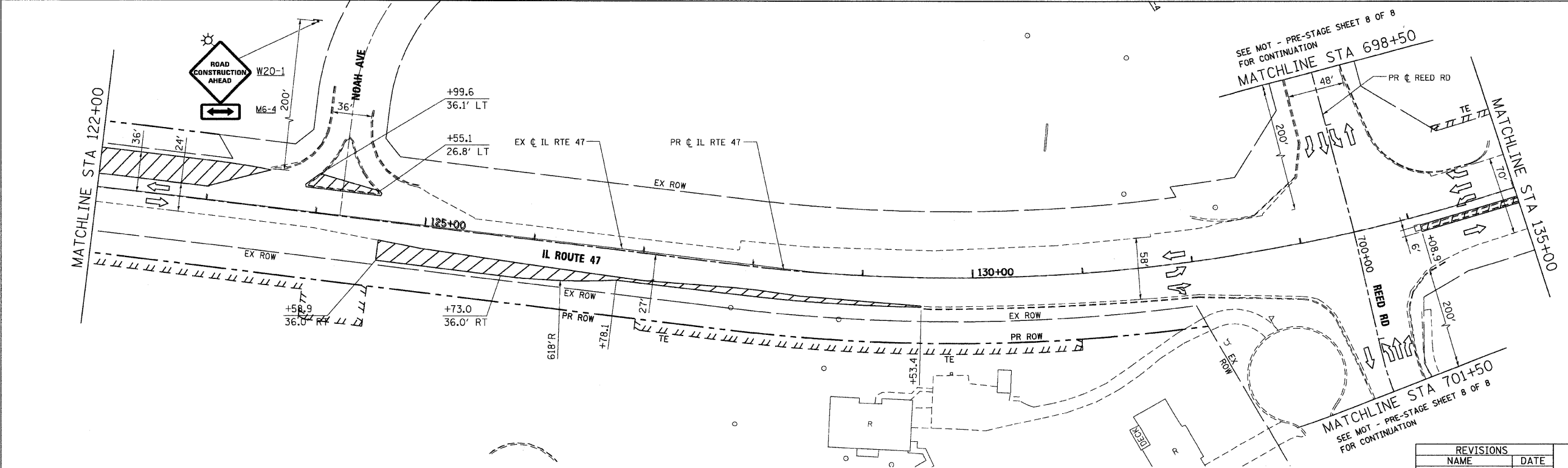
PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-ent\085_mot_pre.sh106.dgn
PLOT SCALE = 50:1
USER NAME = 3839

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	66
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, 701502 AND 701701.
3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.



REVISIONS	
NAME	DATE

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 084-006533
 (773) 693-2824

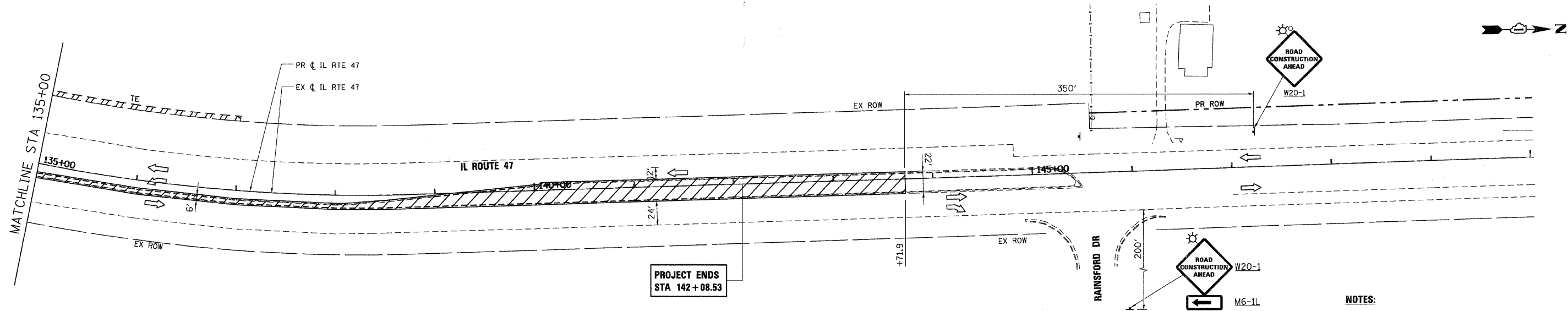
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC – PRE-STAGE
SHEET 7 OF 8

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

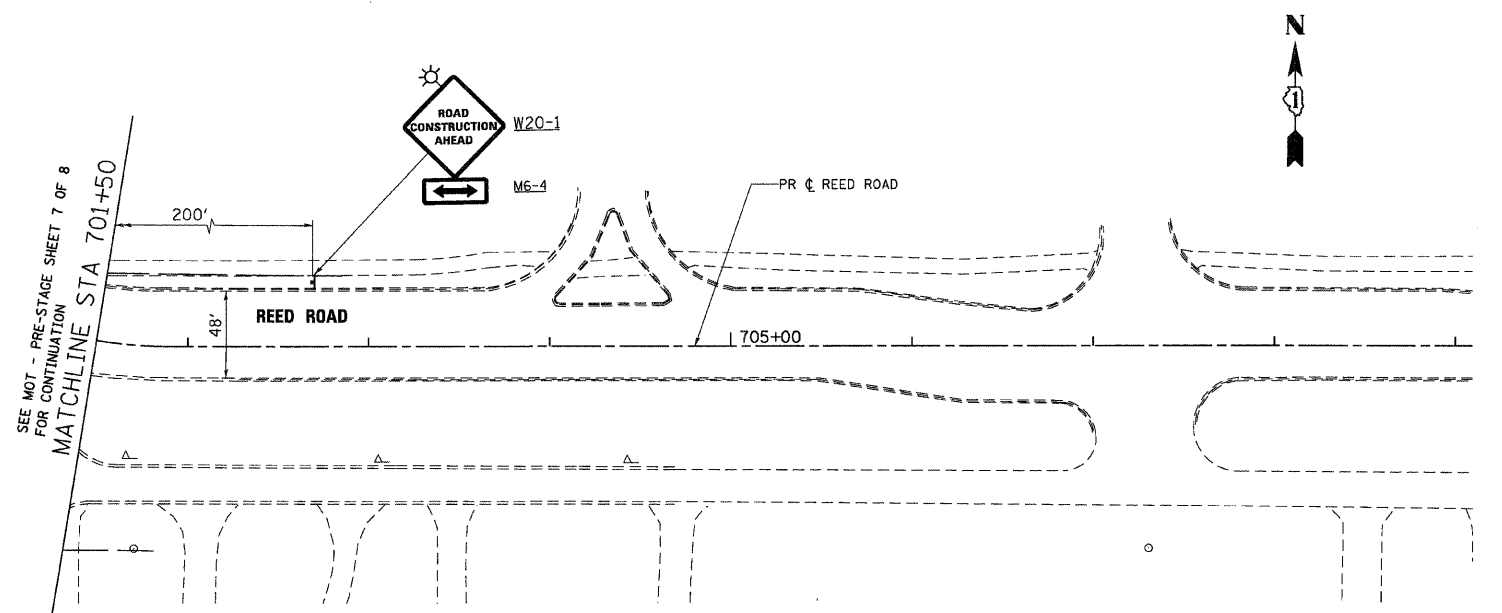
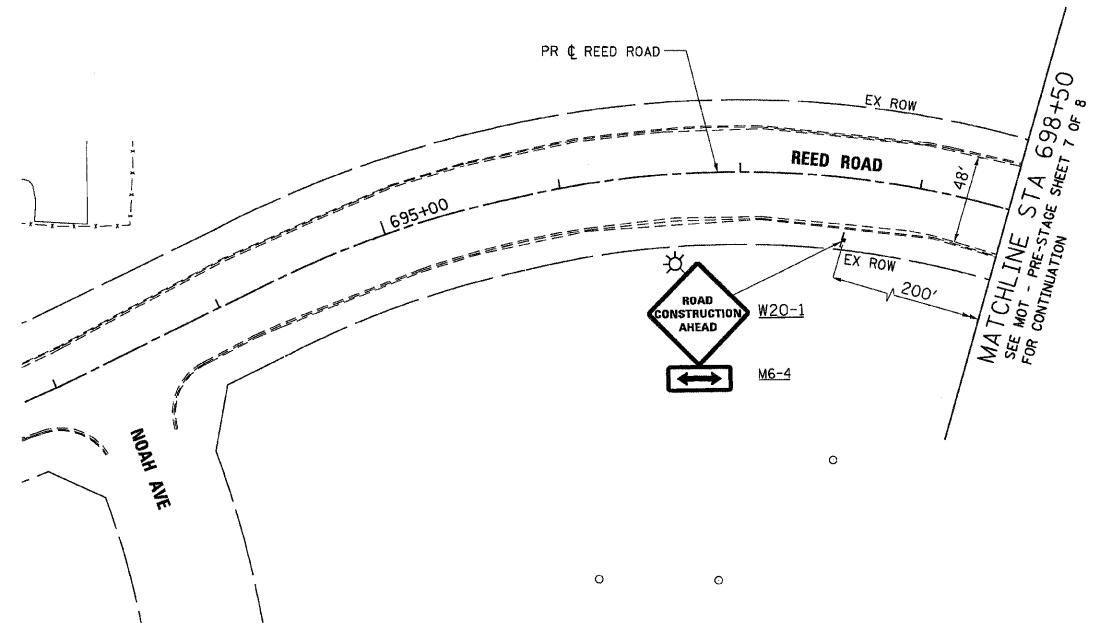
DRAWN BY: E.D.
 CHECKED BY: A.A.C.

DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-shs\1056\1056.mxd_pre_ah107.dgn
 PLOT SCALE = 50:1
 USER NAME = 3830

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	67
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 701502 AND 701701.
 3. ALL STATION/OFFSET AND DIMENSIONS FOR IL RTE 47 REFERENCE THE PROPOSED CENTERLINE.



PLOT DATE = Wednesday, August 26, 2009
 FILE NAME = S:\11-CADD\11-11-08\11-11-08\11-11-08.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = jrb

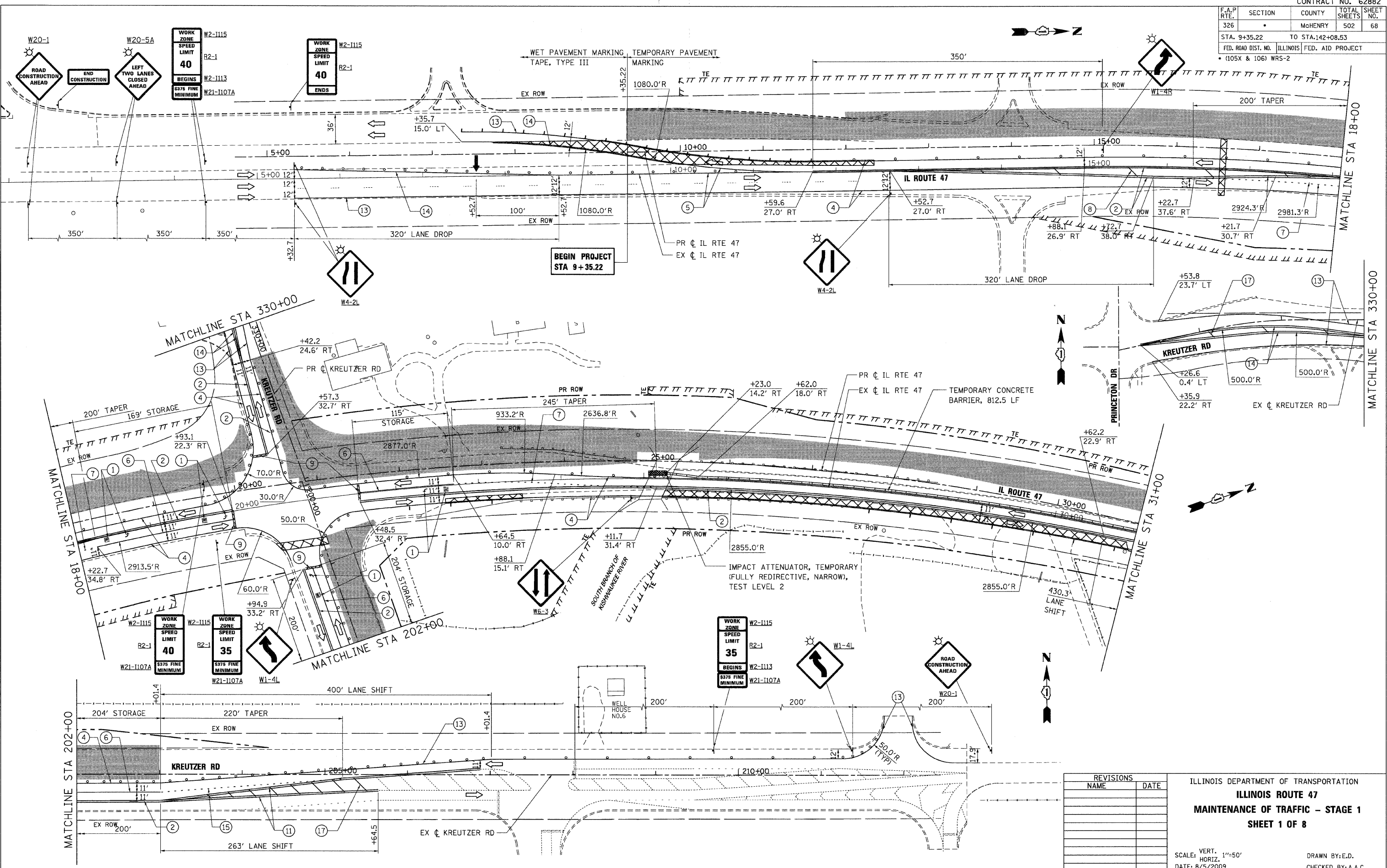


REVISIONS	
NAME	DATE

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

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	68
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



REVISIONS	
NAME	DATE

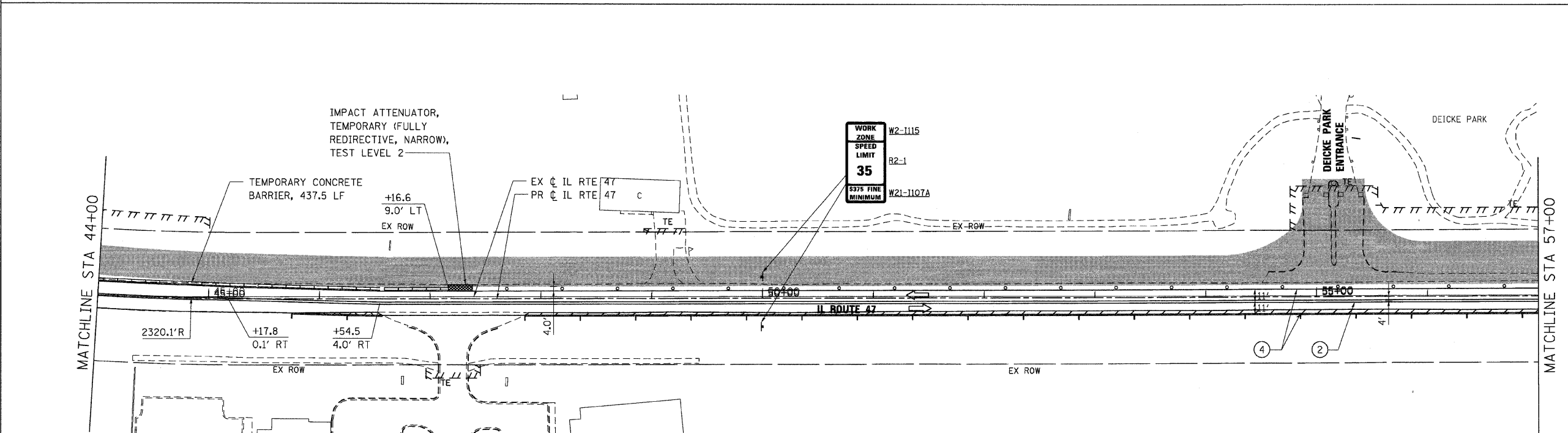
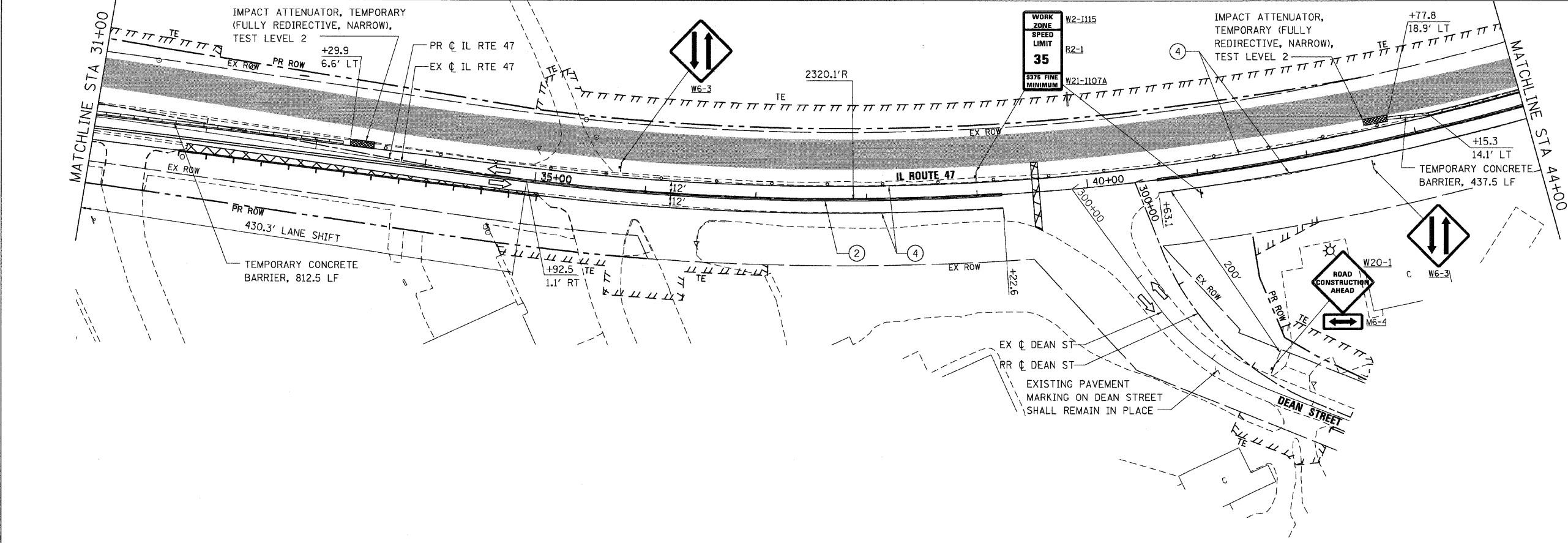
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 1
SHEET 1 OF 8

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

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

PLOT DATE = Wednesday, August 06, 2009
 FILE NAME = S:\11-CADD\01-mh\11068.mxd
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = jrb

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				



PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-st1\1059_mct_st1.sh\102.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3838

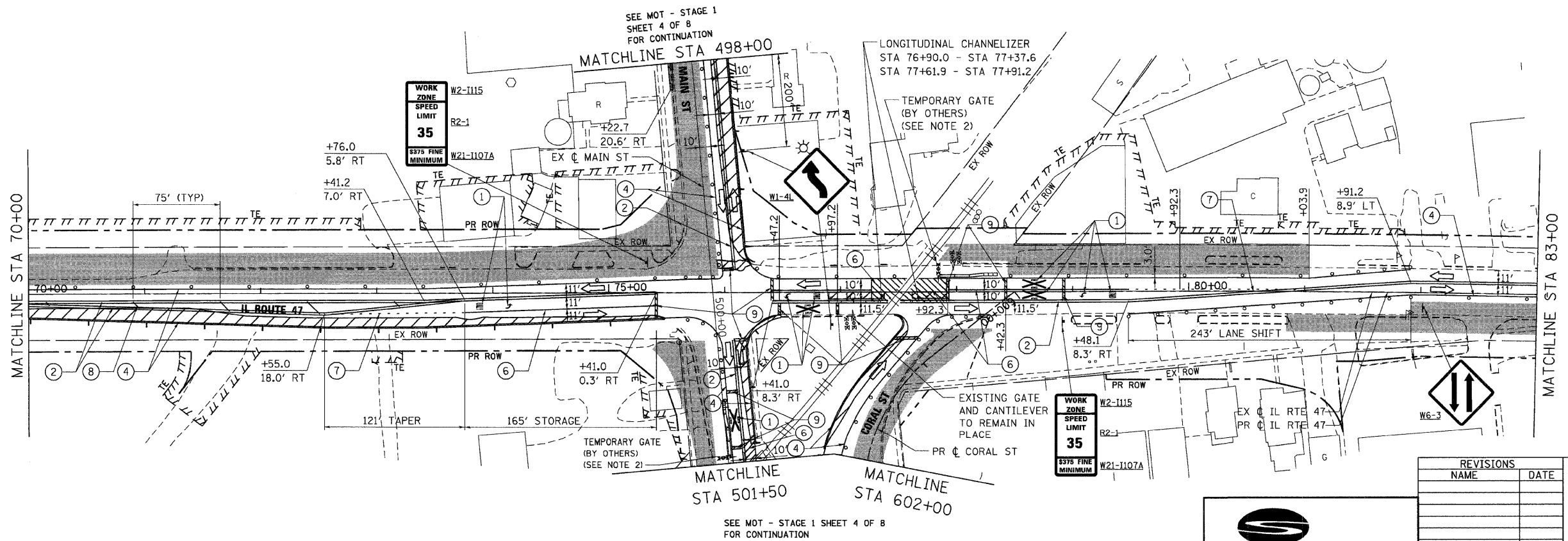
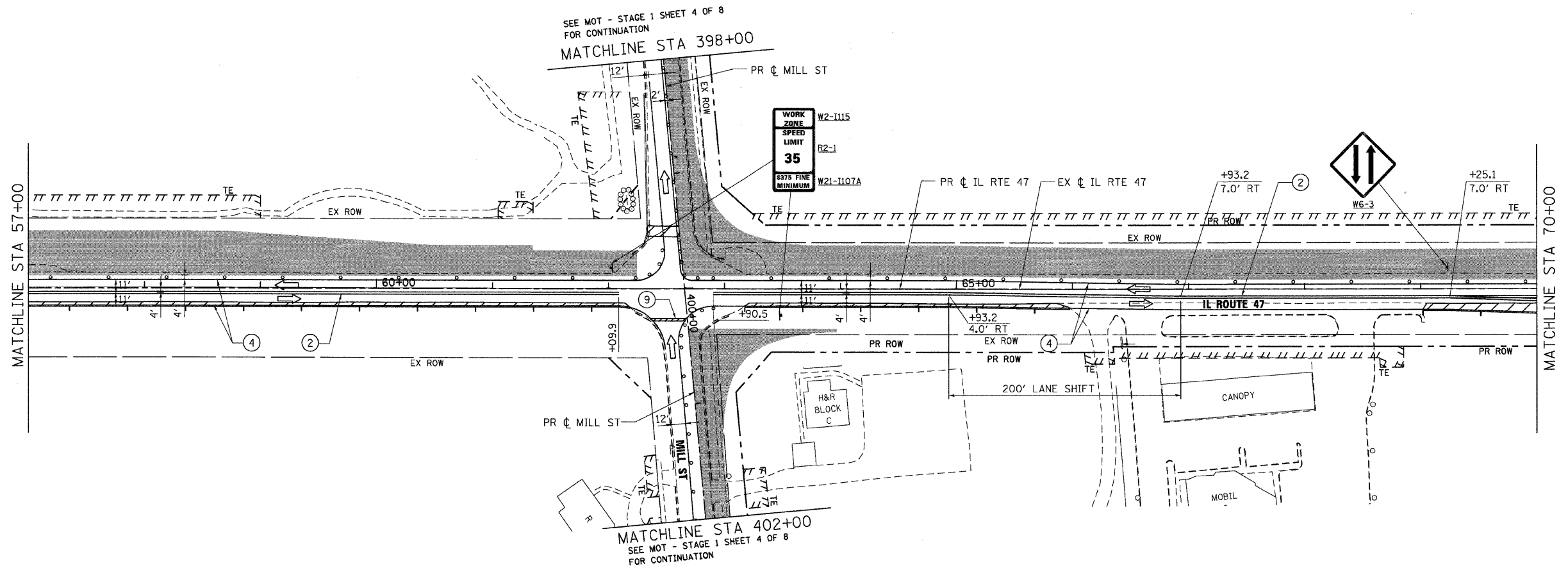
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 State Firm Registration No. 04-00533
 (773) 593-2624

REVISIONS	
NAME	DATE

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

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	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

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

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

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois State Registration No. 04-006533
 1779 691-2624

PLOT DATE = Wednesday, August 05, 2009
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 USER NAME = 3636

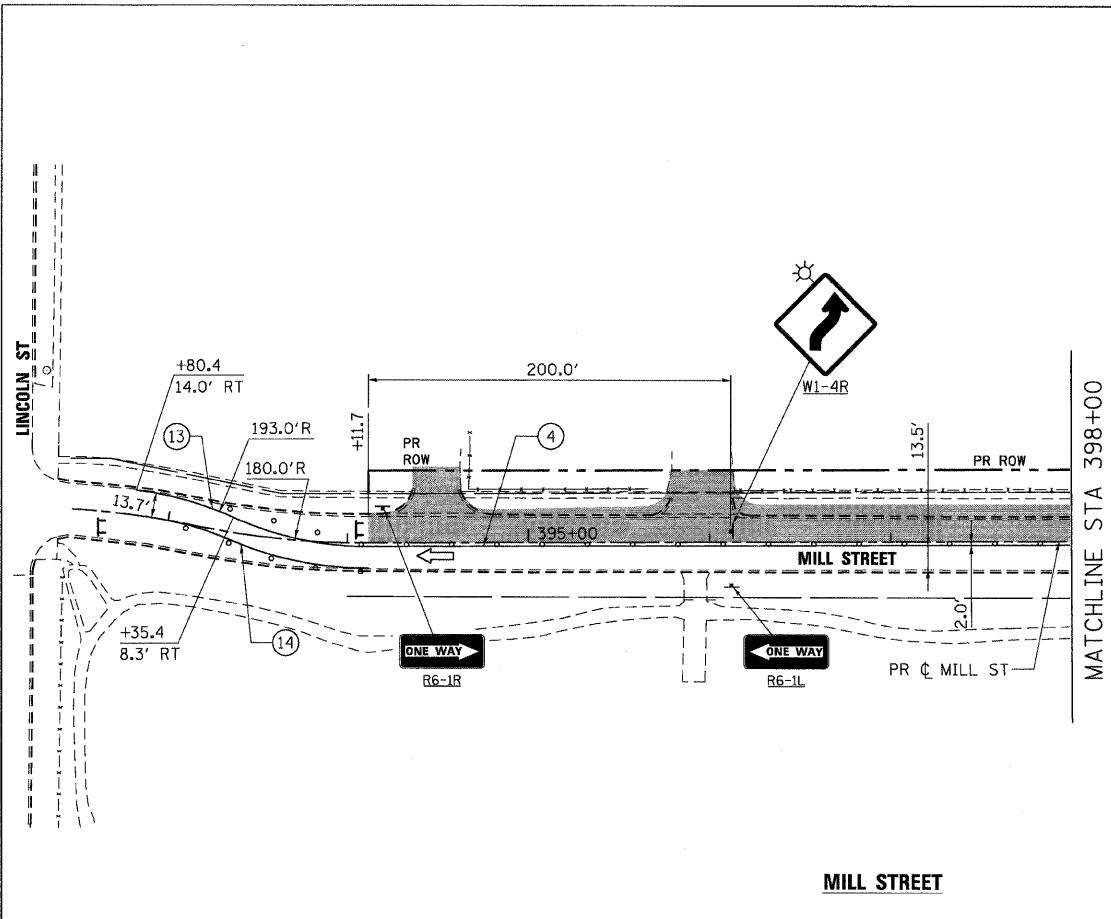
SEE MOT - STAGE 1 SHEET 4 OF 8
 FOR CONTINUATION
 MATCHLINE STA 398+00

MATCHLINE STA 402+00
 SEE MOT - STAGE 1 SHEET 4 OF 8
 FOR CONTINUATION

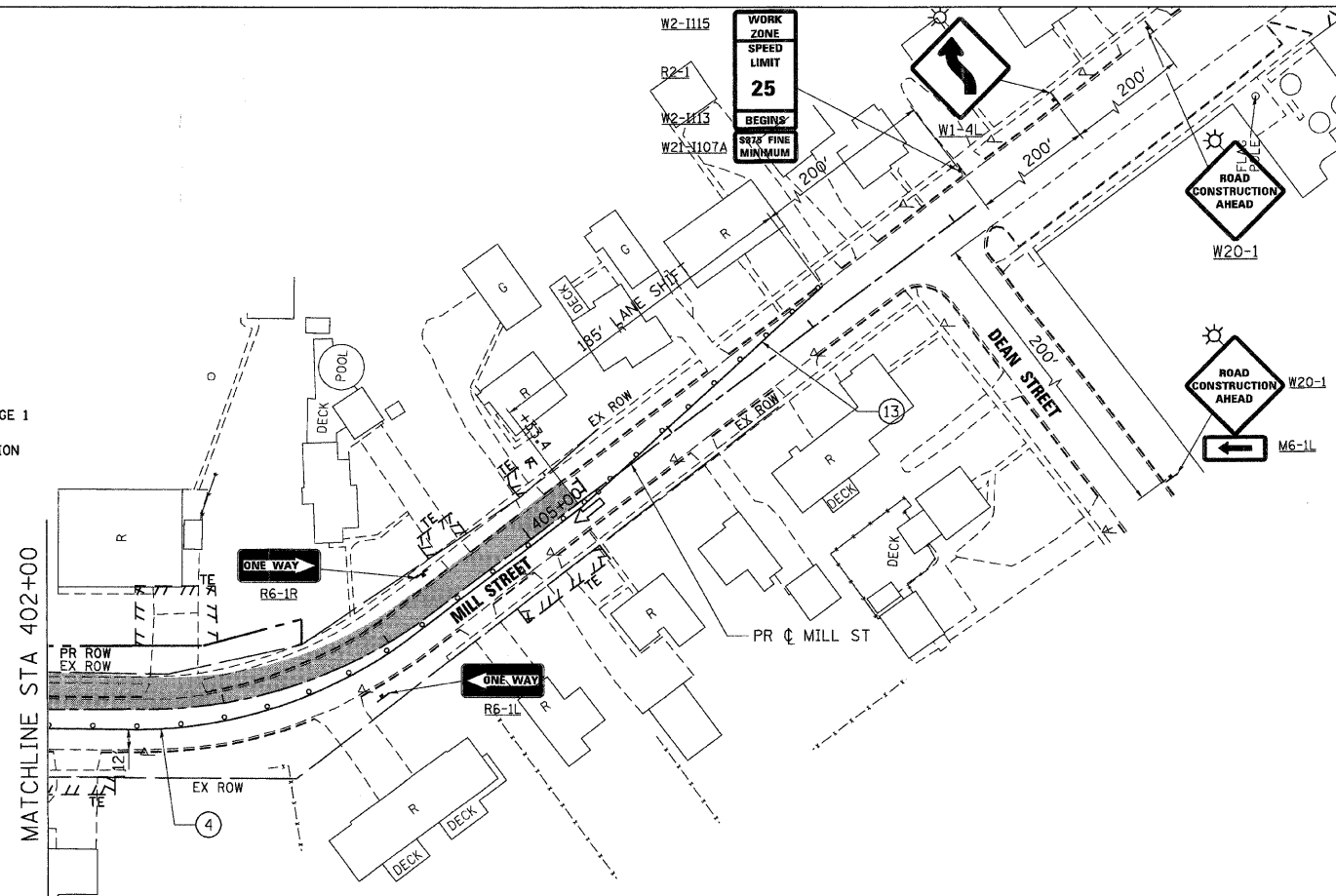
SEE MOT - STAGE 1 SHEET 4 OF 8
 FOR CONTINUATION
 MATCHLINE STA 498+00

MATCHLINE STA 501+50
 MATCHLINE STA 602+00
 SEE MOT - STAGE 1 SHEET 4 OF 8
 FOR CONTINUATION

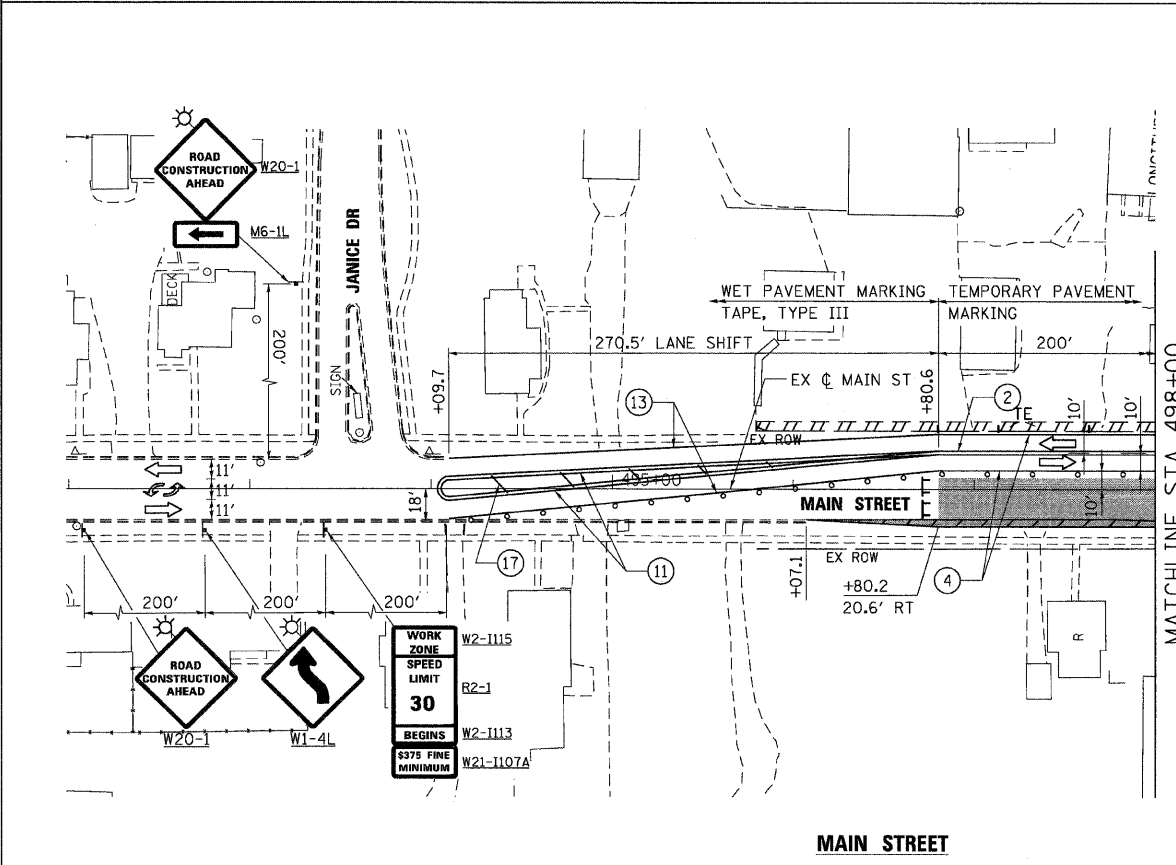
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	71
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



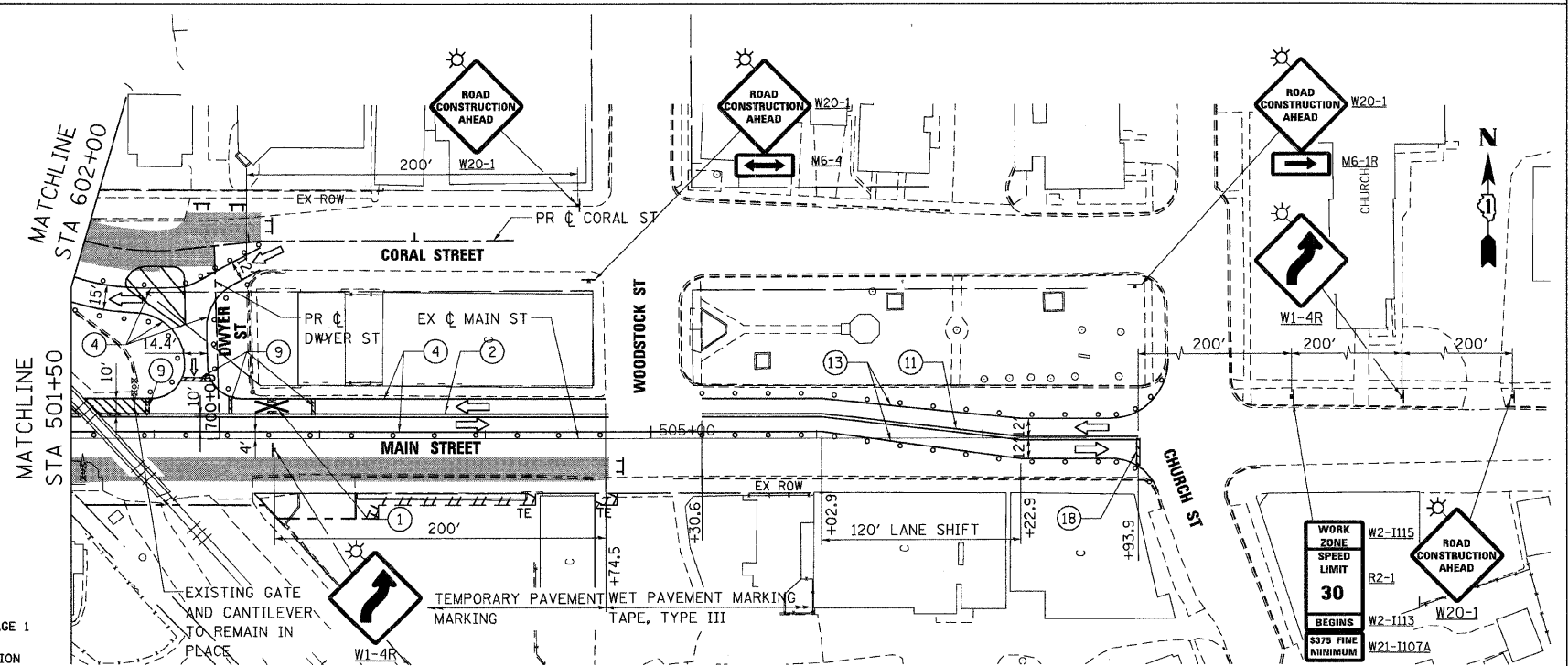
SEE MOT - STAGE 1
SHEET 3 OF 8
FOR CONTINUATION



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 = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-mkt\071_mct-st1-sh-04.dgn
PLOT SCALE = 5/8"=1'
USER NAME = 3839



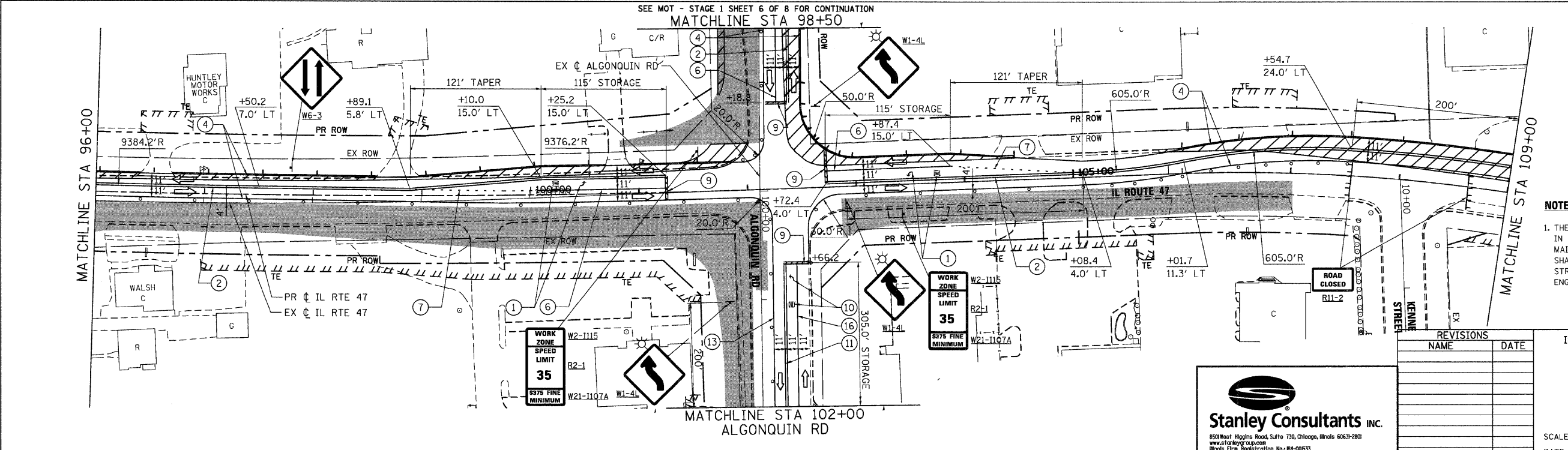
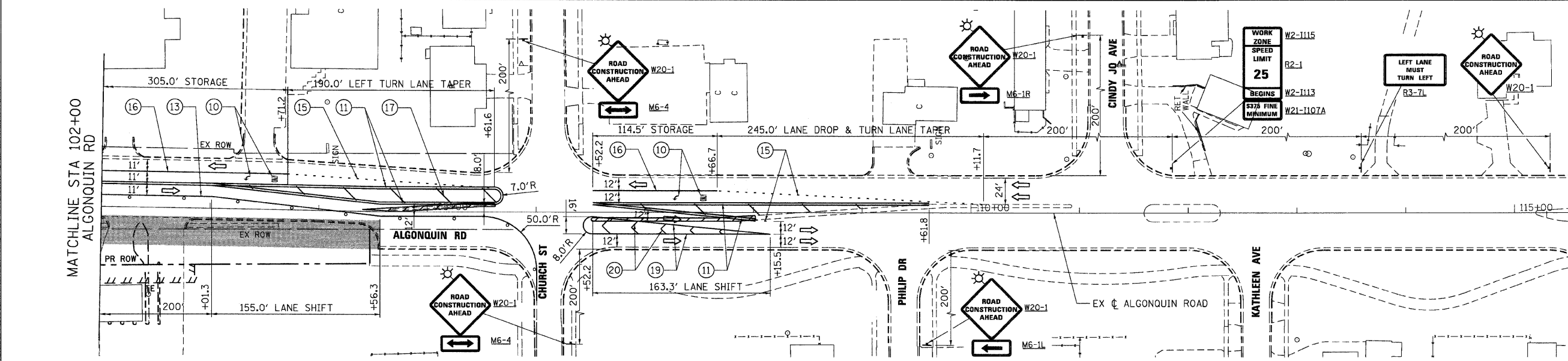
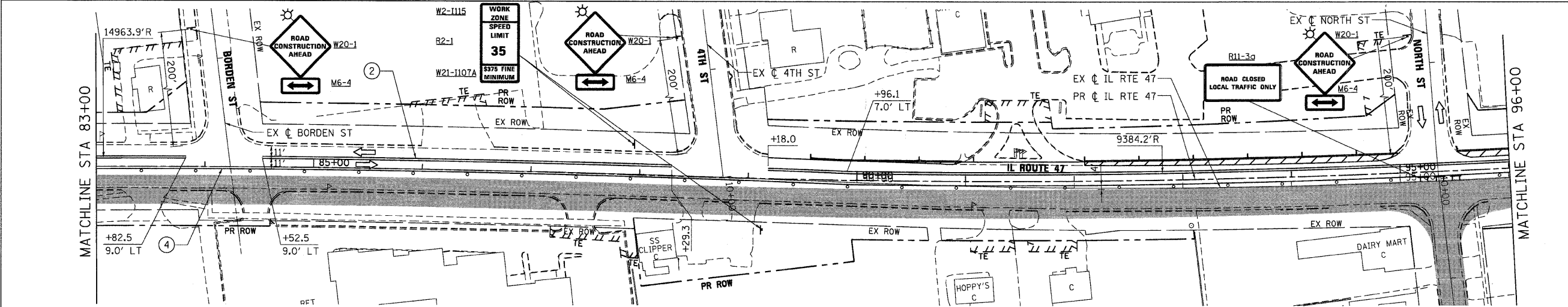
REVISIONS	
NAME	DATE

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

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
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. 72
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:
 1. THE EAST LEG ON NORTH STREET SHALL BE CONSTRUCTED IN SUB-STAGES AS DIRECTED BY THE ENGINEER TO MAINTAIN ACCESS FOR LOCAL TRAFFIC ONLY. CONTRACTOR SHALL PROVIDE DETOUR SIGNS FOR NORTH ST USING MAIN STREET TO WOODSTOCK STREET AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

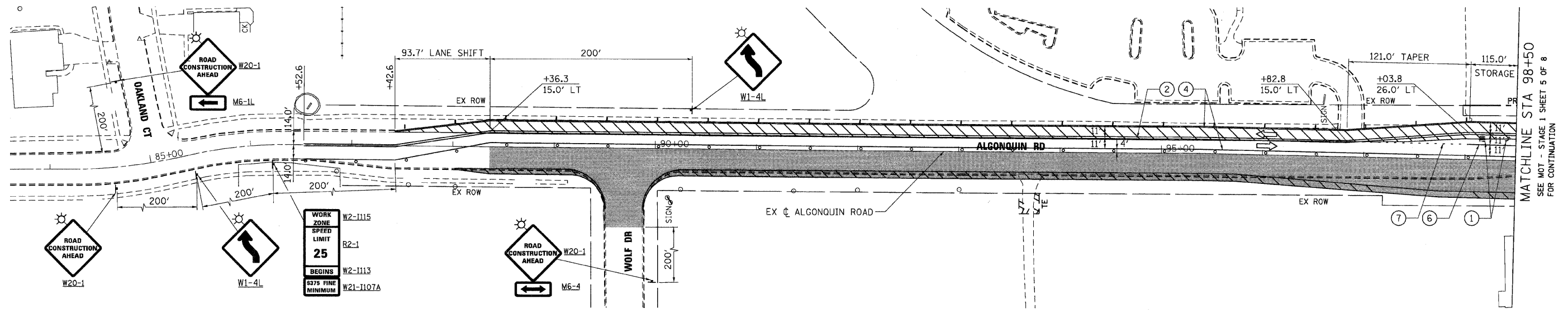
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 1
 SHEET 5 OF 8

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois State Registration No. 04-00633
 773.593.2624

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

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-ent\1072.mxd...
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3819

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	73
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (105X & 106) WRS-2				



MATCHLINE STA 98+50
SEE MOT - STAGE 1 SHEET 5 OF 8
FOR CONTINUATION

WORK ZONE	W2-1115
SPEED LIMIT	R2-1
BEGINS	W2-1113
375 FINE MINIMUM	W21-1107A

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-mt\11073_mot\st1.sh\11073.dgn
PLOT SCALE = 50%
USER NAME = 3838



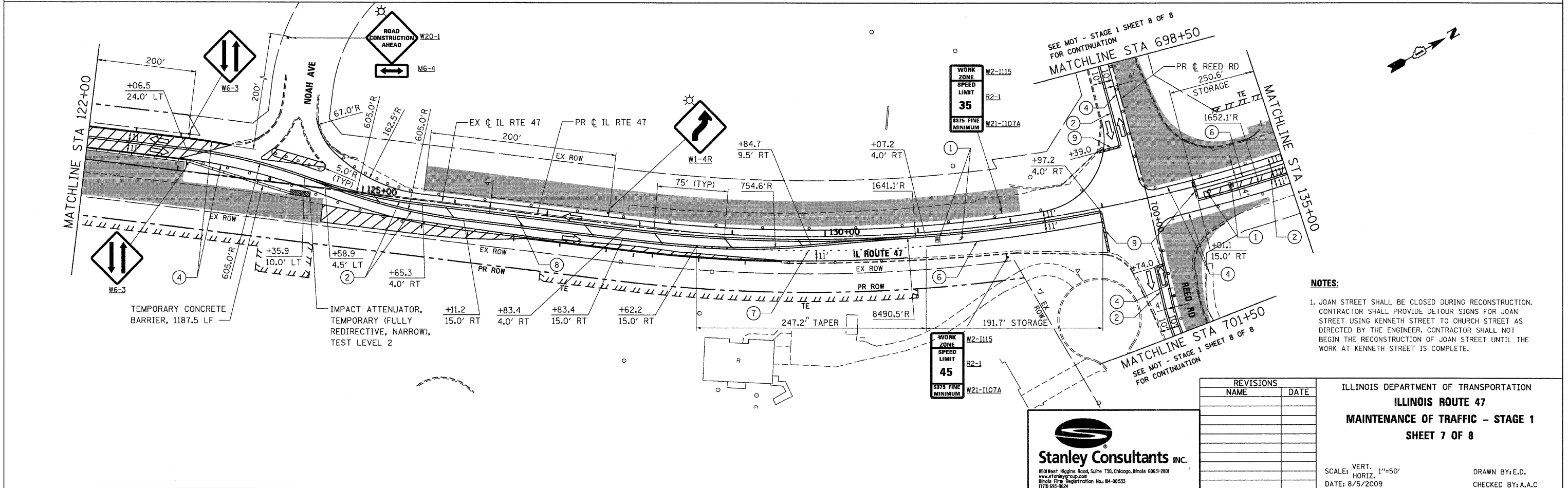
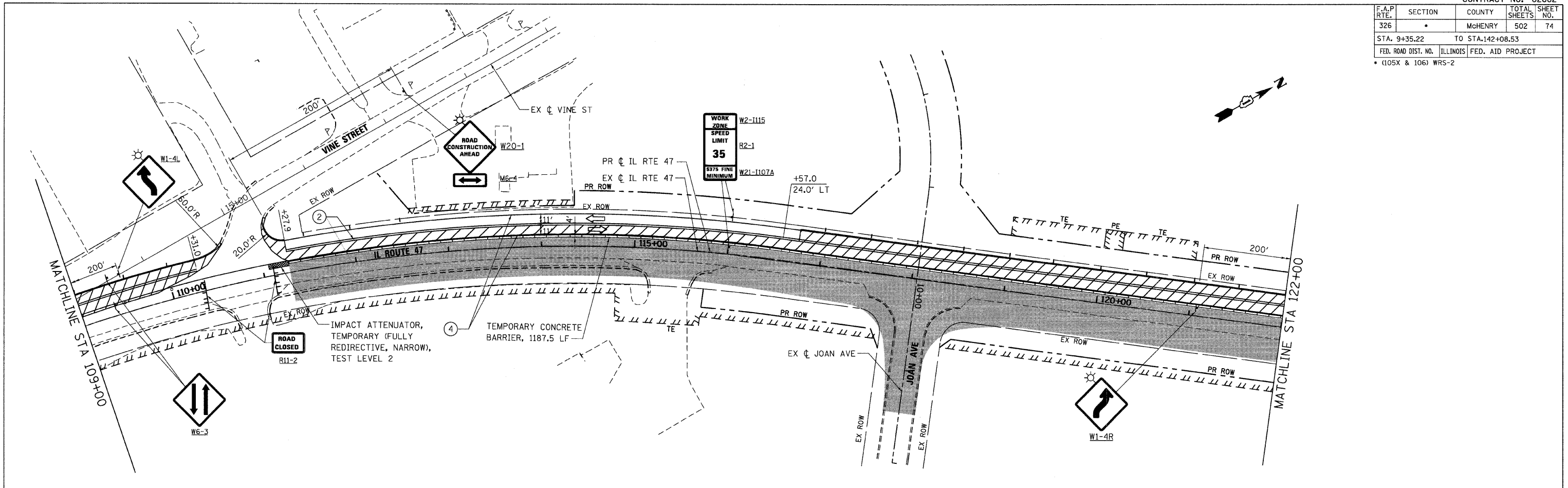
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALGONQUIN ROAD
MAINTENANCE OF TRAFFIC - STAGE 1
SHEET 6 OF 8

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	74
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



- NOTES:**
1. JOAN STREET SHALL BE CLOSED DURING RECONSTRUCTION. CONTRACTOR SHALL PROVIDE DETOUR SIGNS FOR JOAN STREET USING KENNETH STREET TO CHURCH STREET AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL NOT BEGIN THE RECONSTRUCTION OF JOAN STREET UNTIL THE WORK AT KENNETH STREET IS COMPLETE.

REVISIONS	
NAME	DATE

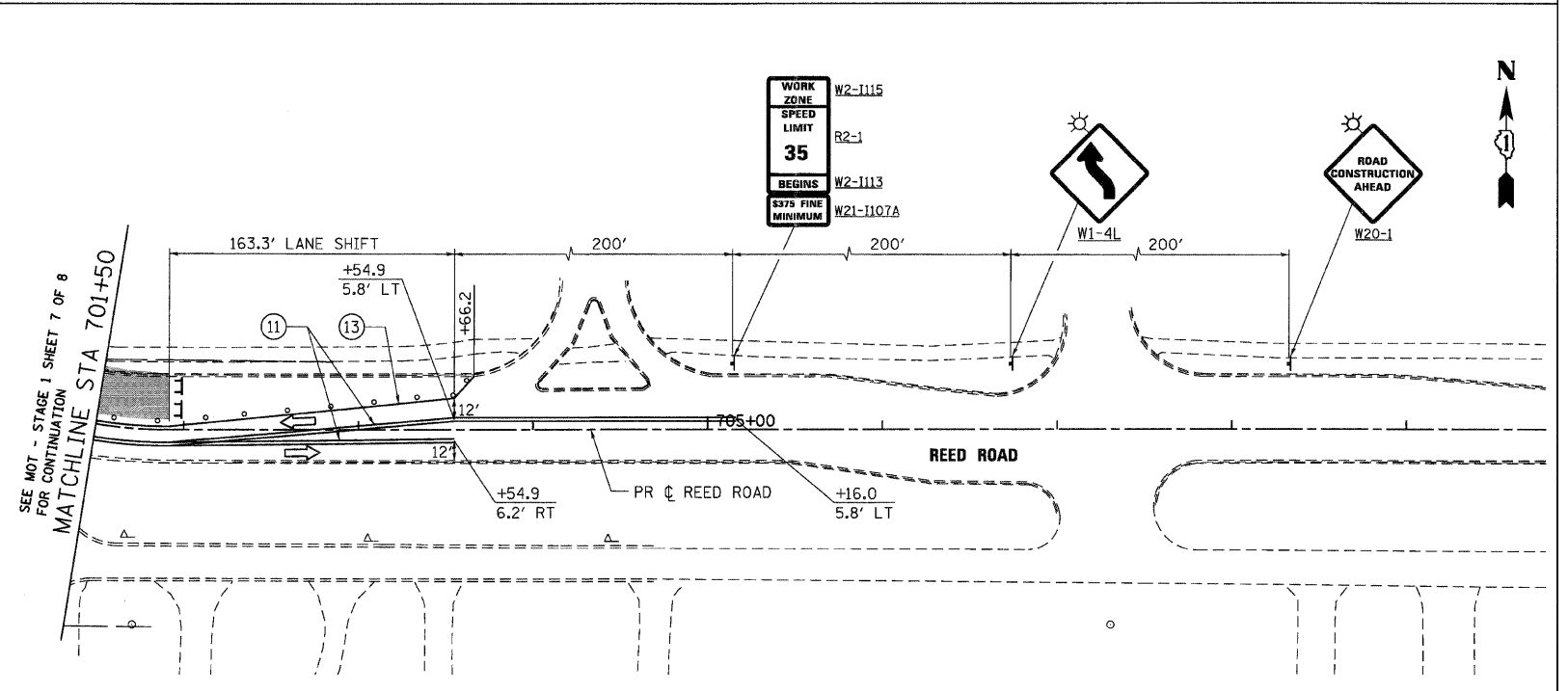
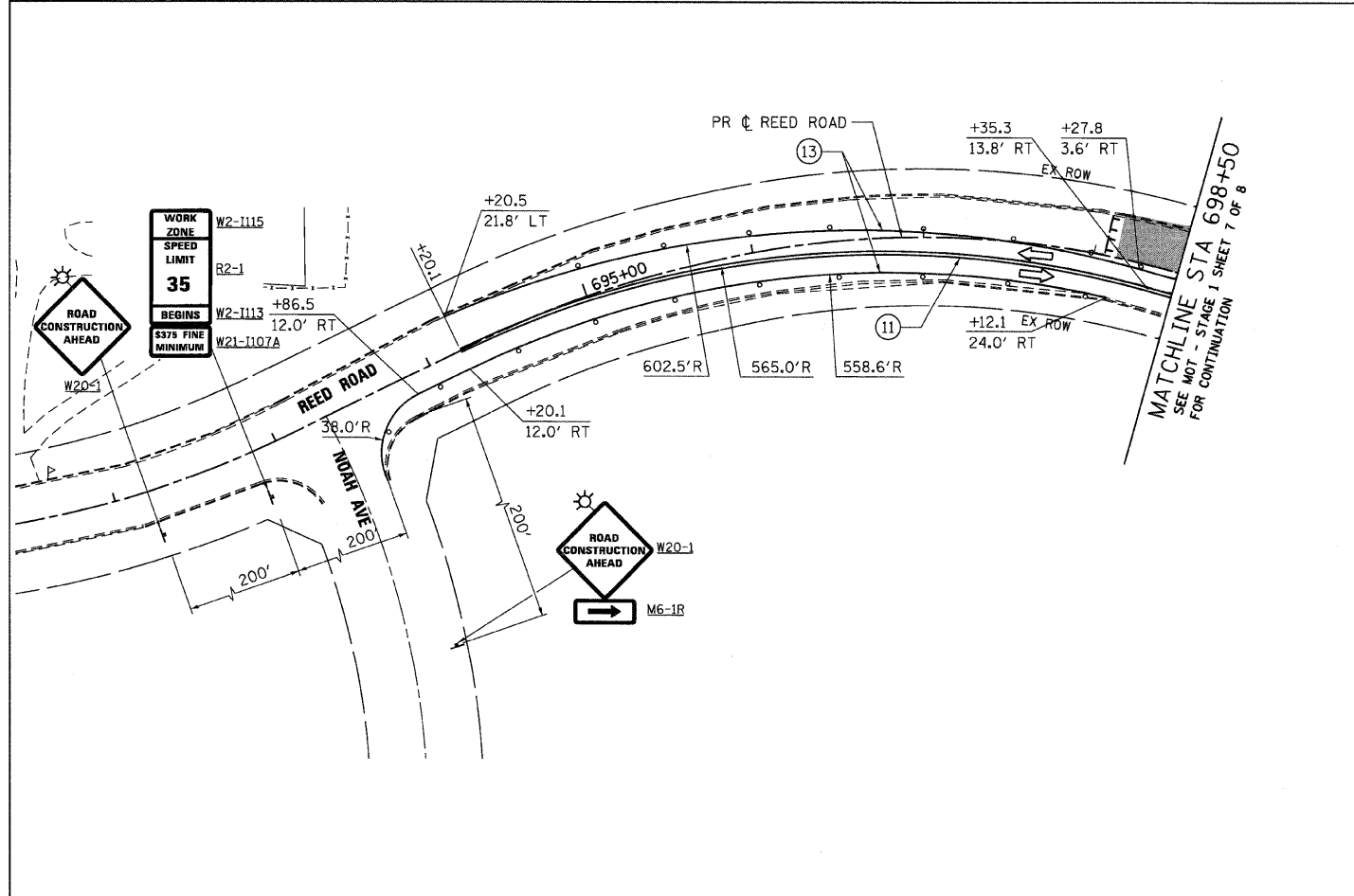
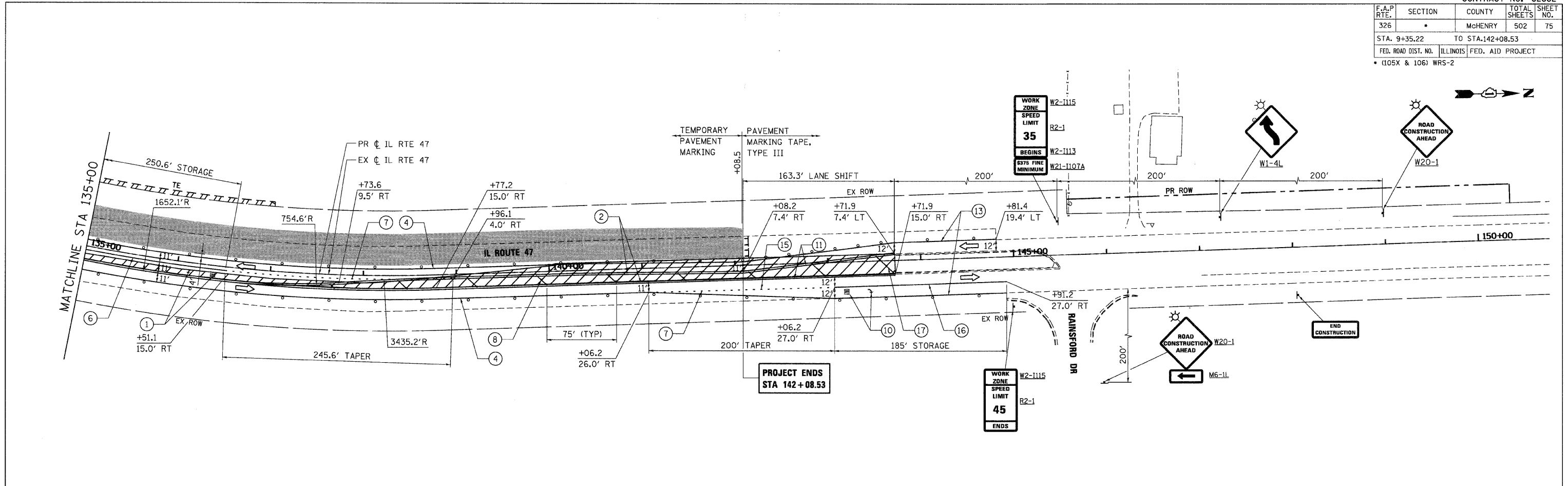
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 1
 SHEET 7 OF 8

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 60631-2801
 www.stanleygroup.com
 Waste Firm Registration No. 04-00533
 (773) 593-2624

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\RT-14\1074_mol.txd
 PLOT SCALE = 500
 USER NAME = 3699

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	75
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



PLOT DATE = Thursday, August 06, 2009
 FILE NAME = S:\11-CADD\01-sh\11\075_moa_s1.dwg
 PLOT SCALE = 50:1
 USER NAME = 3690



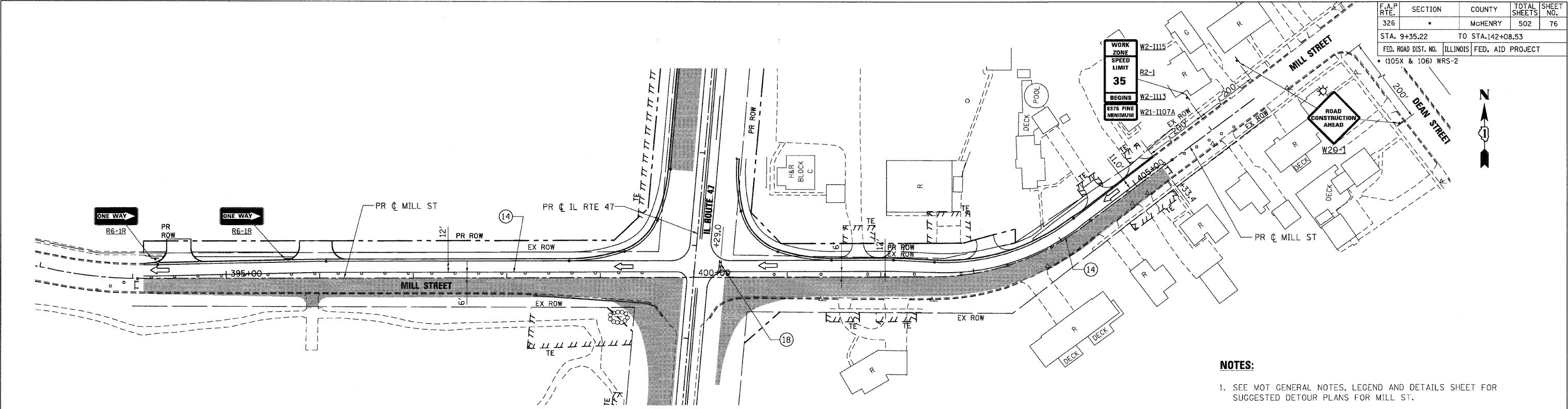
REVISIONS	
NAME	DATE

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

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

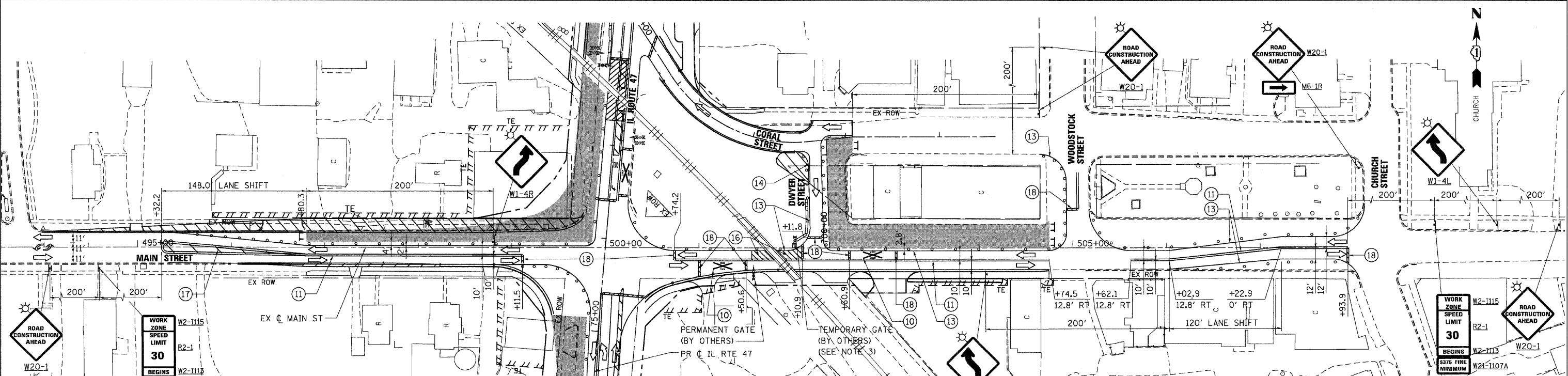
DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	76
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(105X & 106) WRS-2				



MILL STREET

- 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.



MAIN STREET

REVISIONS	
NAME	DATE

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

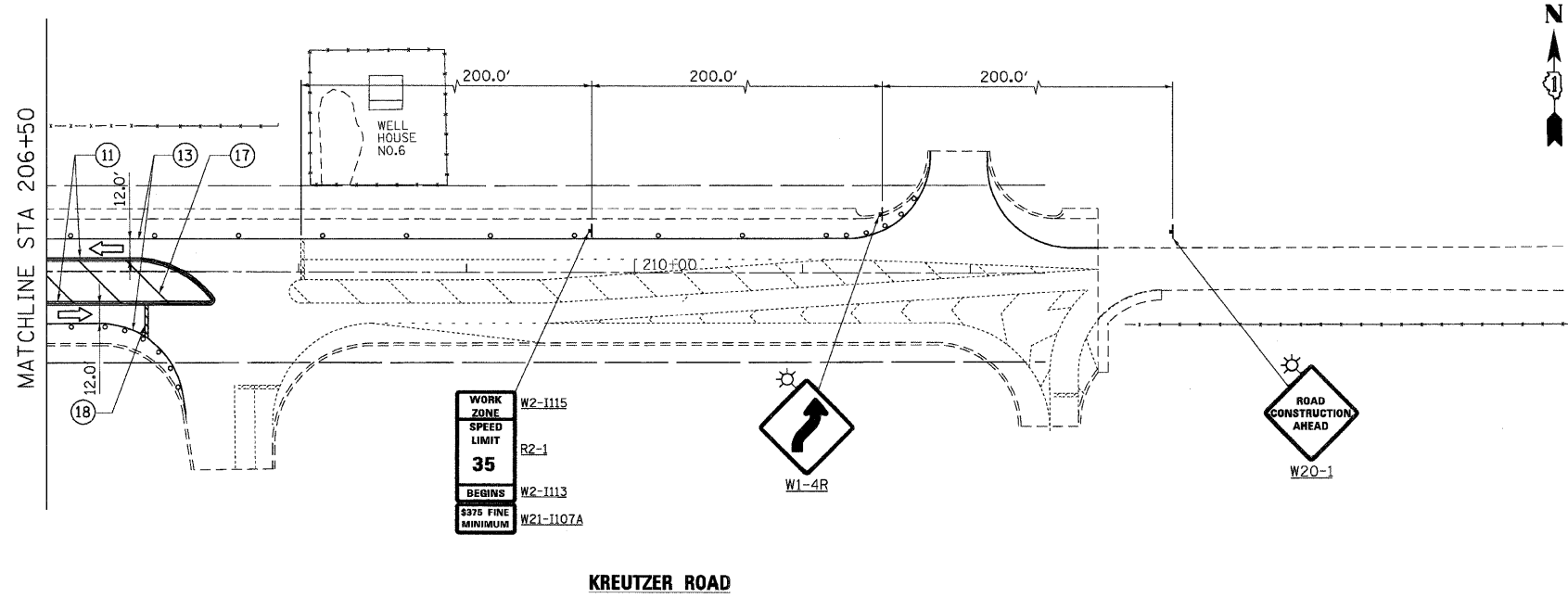
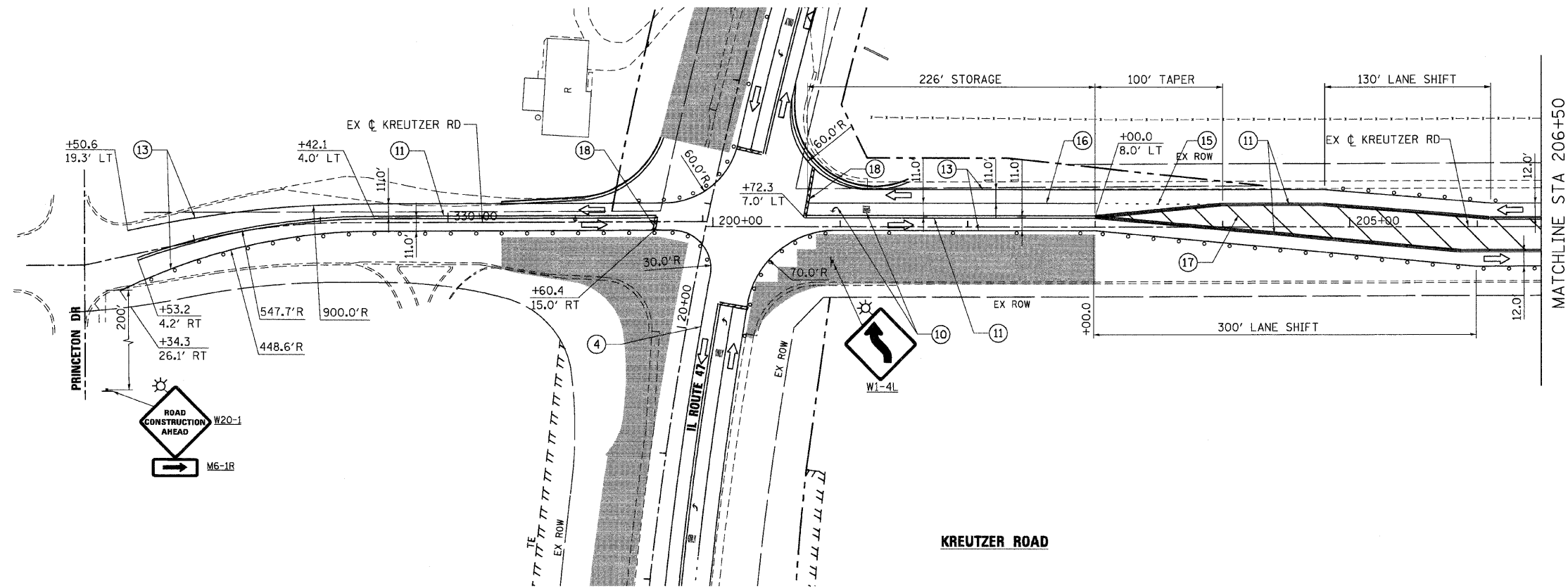
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2001
 www.stanleygroup.com
 Illinois Fire Registration No. 04-00533
 (773) 631-3024

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-11-09\11076.mxd.tbl.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3839

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

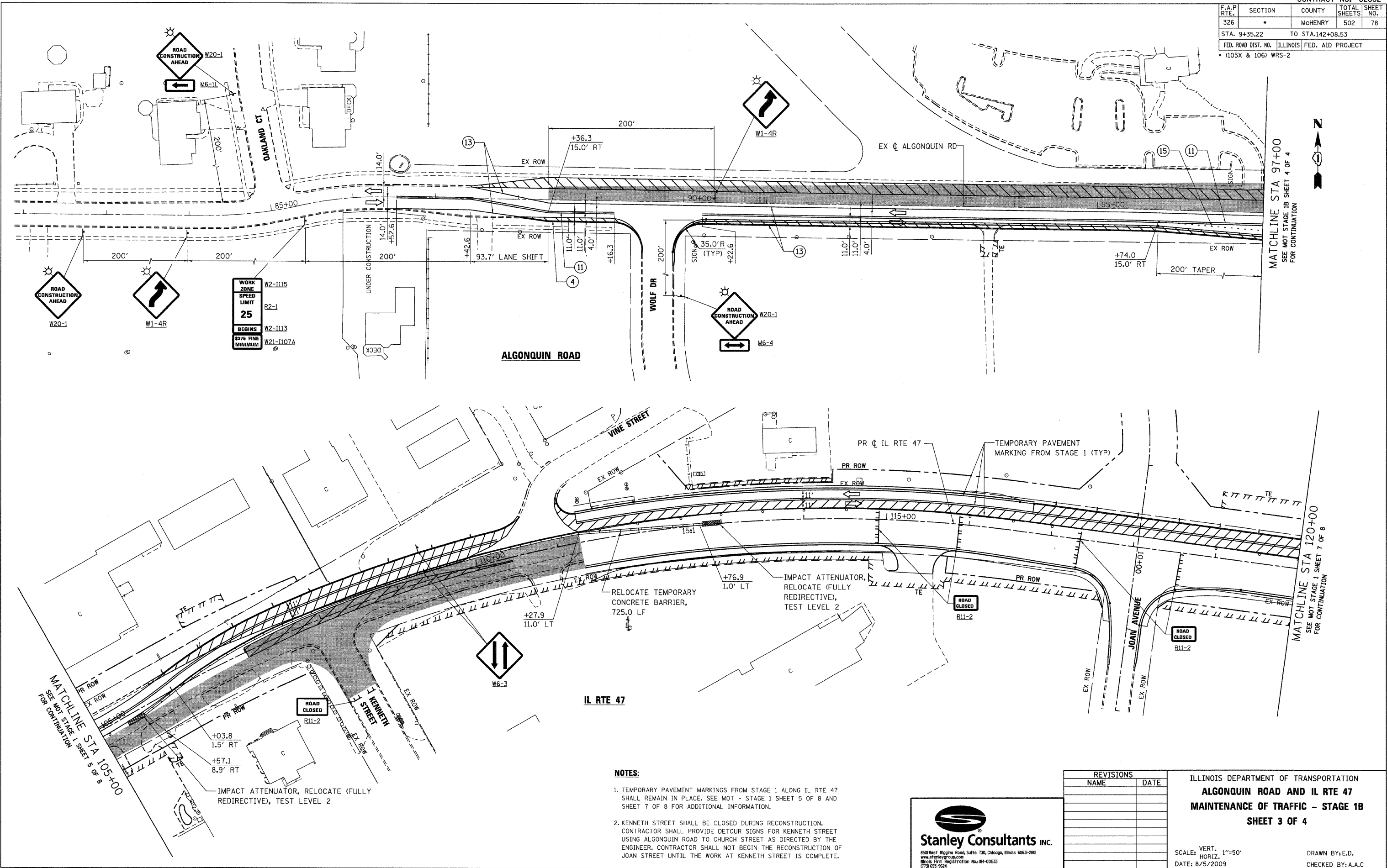
ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
 MAINTENANCE OF TRAFFIC – STAGE 1B
 SHEET 2 OF 4

550 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygrp.com
 Illinois Firm Registration No. 04-00633
 (773) 693-2624

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-mt\11077_mts\stb_02.dgn
 PLOT SCALE = 50:1
 USER NAME = jbr30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	78
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
25	
BEGINS	W2-1113
\$375 FINE	
MINIMUM	W2-1107A

NOTES:

1. TEMPORARY PAVEMENT MARKINGS FROM STAGE 1 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 1 SHEET 5 OF 8 AND SHEET 7 OF 8 FOR ADDITIONAL INFORMATION.
2. KENNETH STREET SHALL BE CLOSED DURING RECONSTRUCTION. CONTRACTOR SHALL PROVIDE DETOUR SIGNS FOR KENNETH STREET USING ALGONQUIN ROAD TO CHURCH STREET AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL NOT BEGIN THE RECONSTRUCTION OF JOAN STREET UNTIL THE WORK AT KENNETH STREET IS COMPLETE.

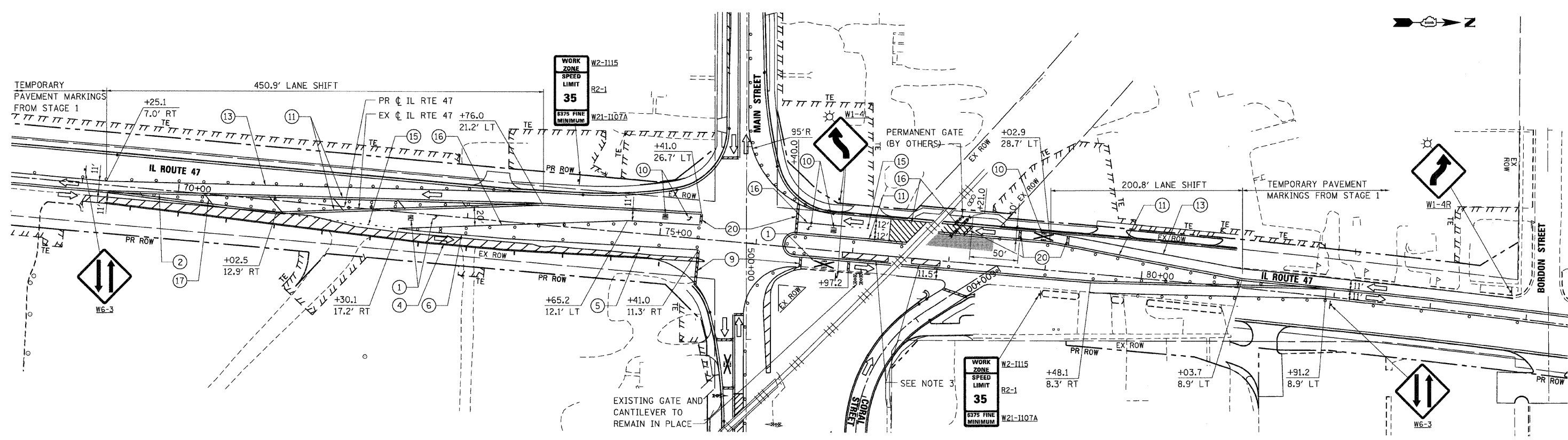
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALGONQUIN ROAD AND IL RTE 47
MAINTENANCE OF TRAFFIC - STAGE 1B
SHEET 3 OF 4

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

PLOT DATE = Friday, August 07, 2009
 FILE NAME = S:\11-CADD\11-11\1178_mot.stb.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3590

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:

1. 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.
2. PAVEMENT MARKING TAPE FROM STAGE 1B ALONG MAIN STREET SHALL REMAIN IN PLACE. SEE MOT STAGE 1B SHEET 1 OF 4 FOR ADDITIONAL INFORMATION.
3. LONGITUDINAL CHANNELIZERS TO REMAIN IN PLACE FROM STAGE 1.

REVISIONS	
NAME	DATE

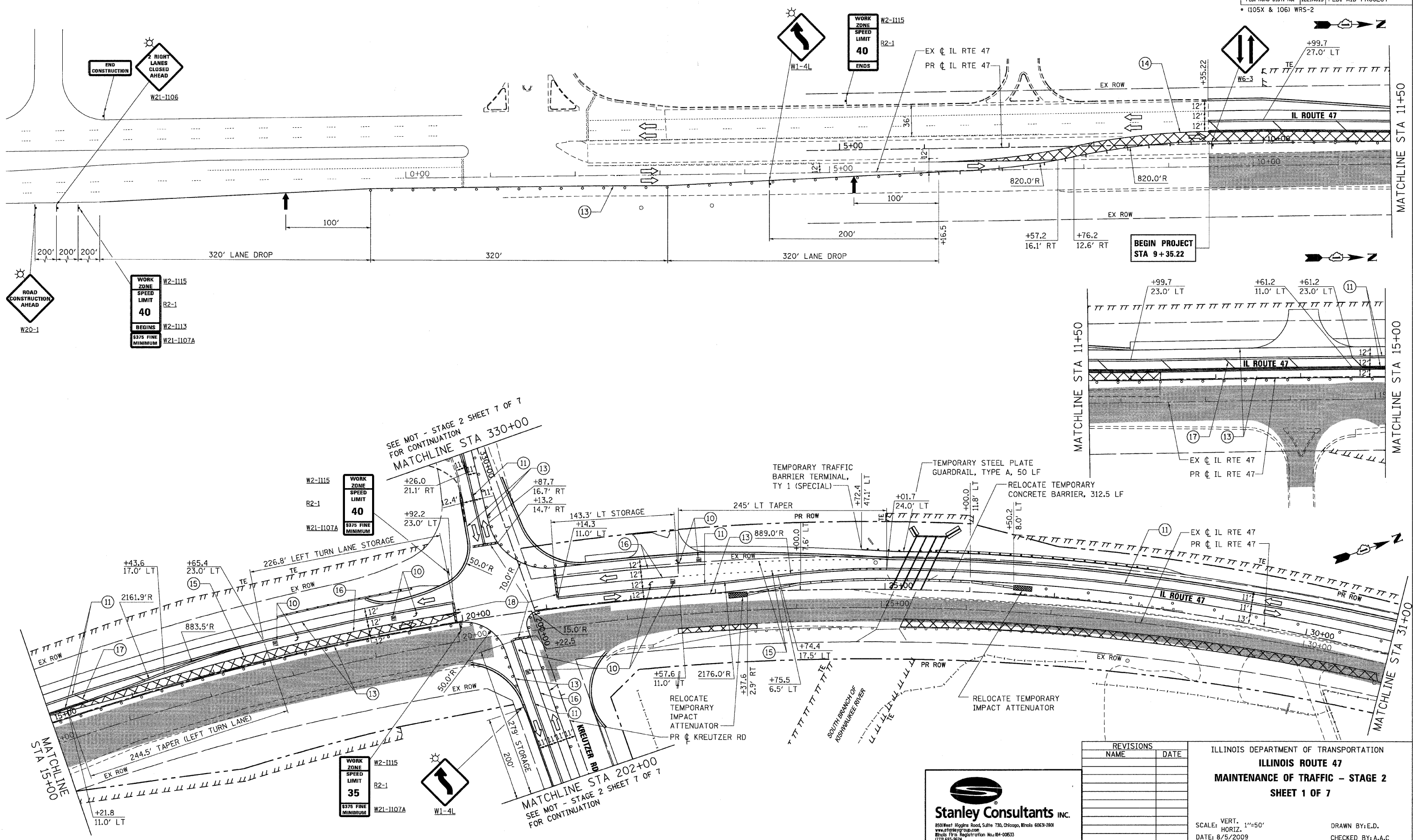
ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 47 @ MAIN STREET
MAINTENANCE OF TRAFFIC - STAGE 1C
SHEET 1 OF 1

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

Stanley Consultants INC.
 650 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Model Firm Registration No. 084-00633
 (773) 697-2524

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mh\110612_mcs_s1c.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3839

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				



PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-1107A\1107A.dwg
 PLOT SCALE = 5/8"=1'
 USER NAME = 3839

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

MATCHLINE STA 202+00
 SEE MOT - STAGE 2 SHEET 7 OF 7
 FOR CONTINUATION

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 State Firm Registration No. 04-00533
 (773) 593-2624

REVISIONS	
NAME	DATE

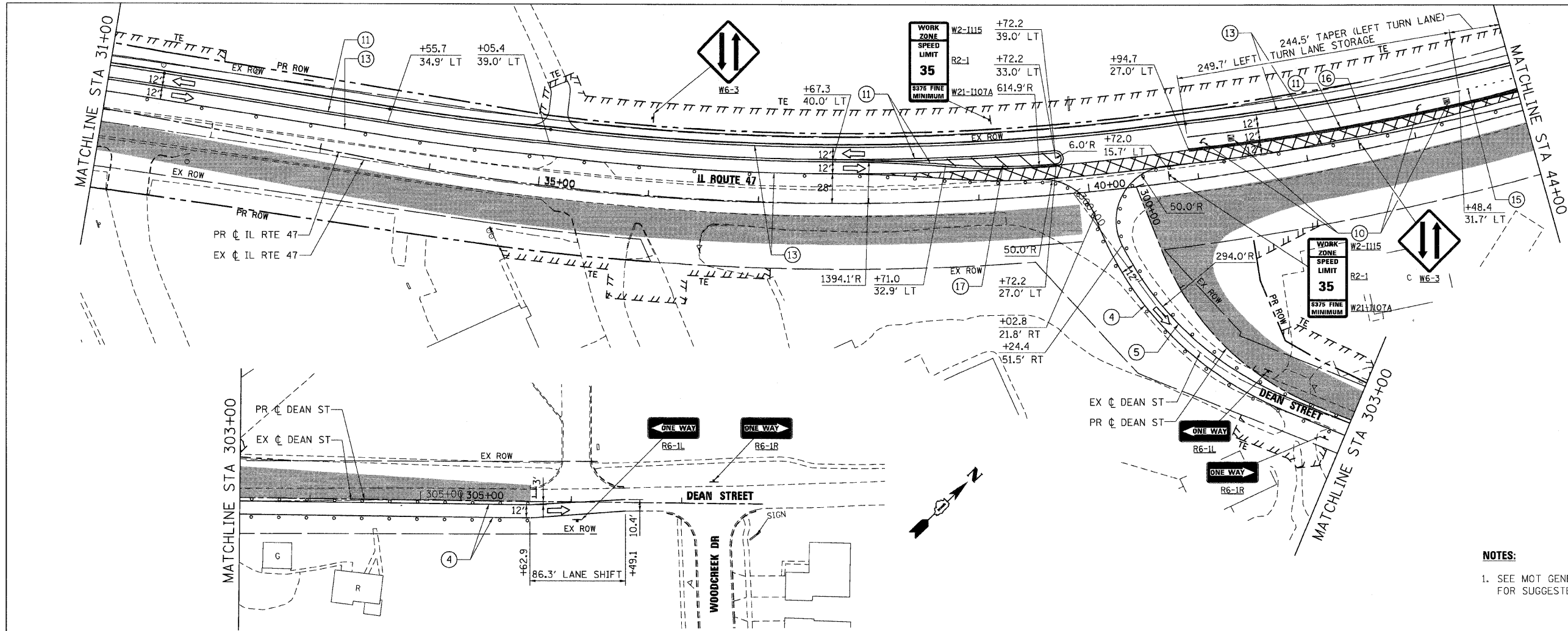
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 2
SHEET 1 OF 7

SCALE: VERT. 1"=50'
 HORIZ. 1"=100'

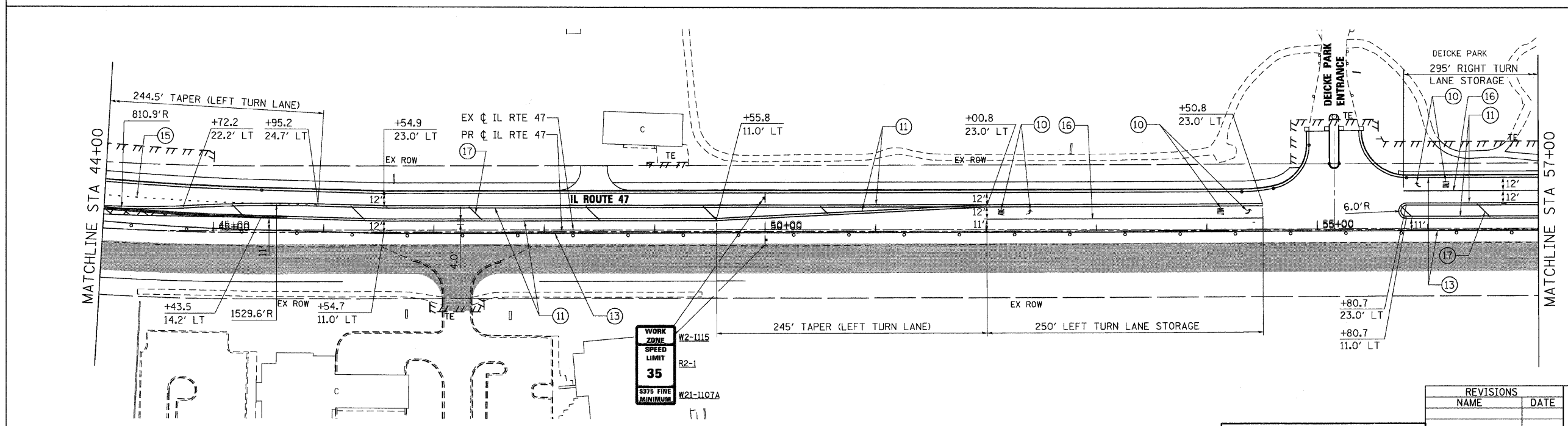
DATE: 8/5/2009

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	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.



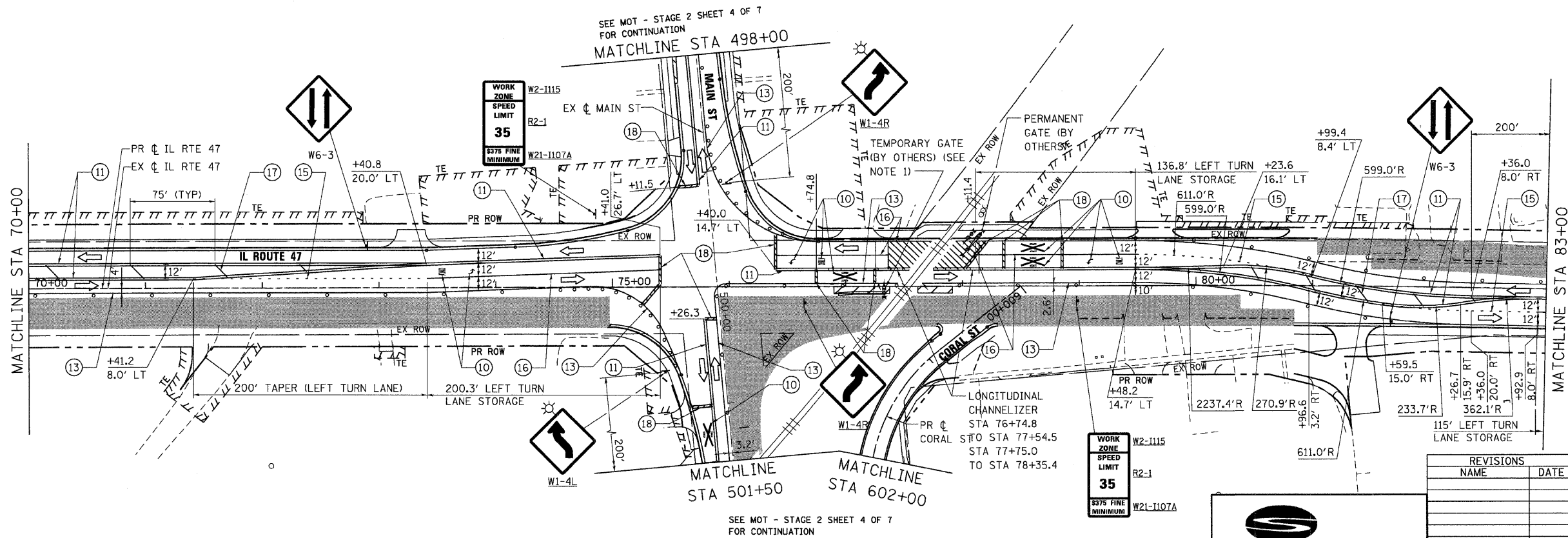
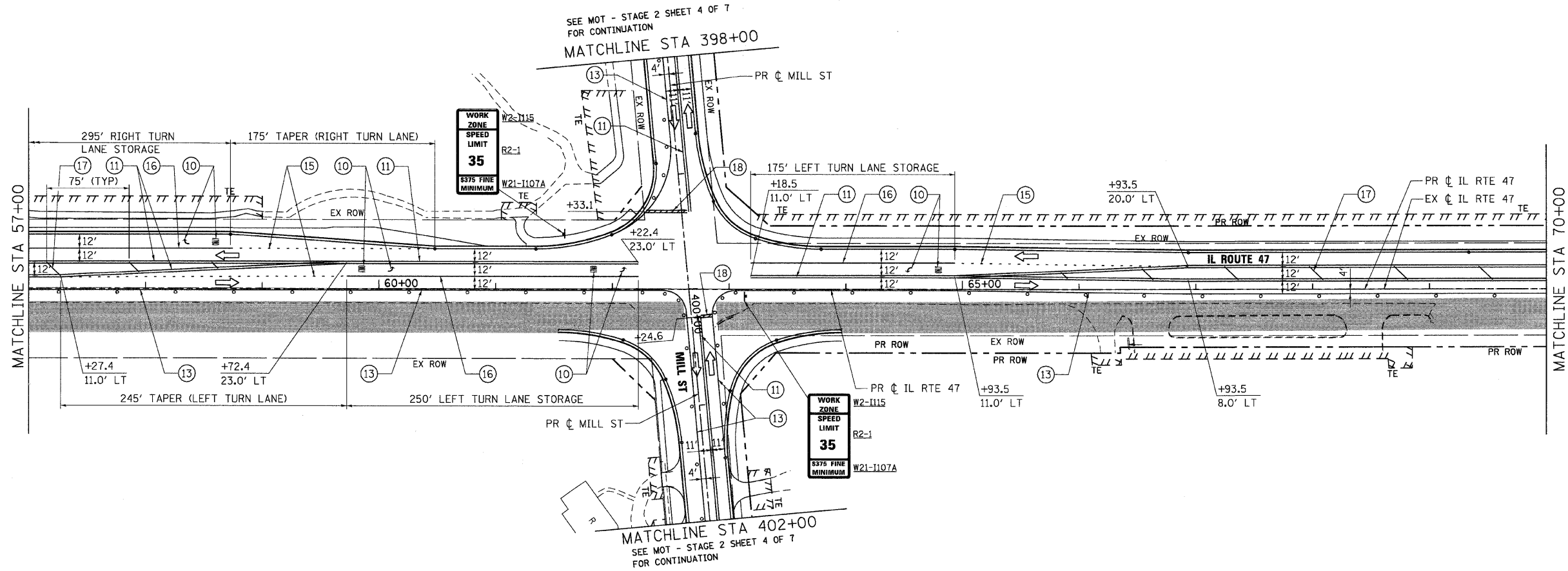
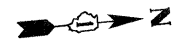
PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-1\11-1\11-1\11-1\11-1\11-1.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3836

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 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	*	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

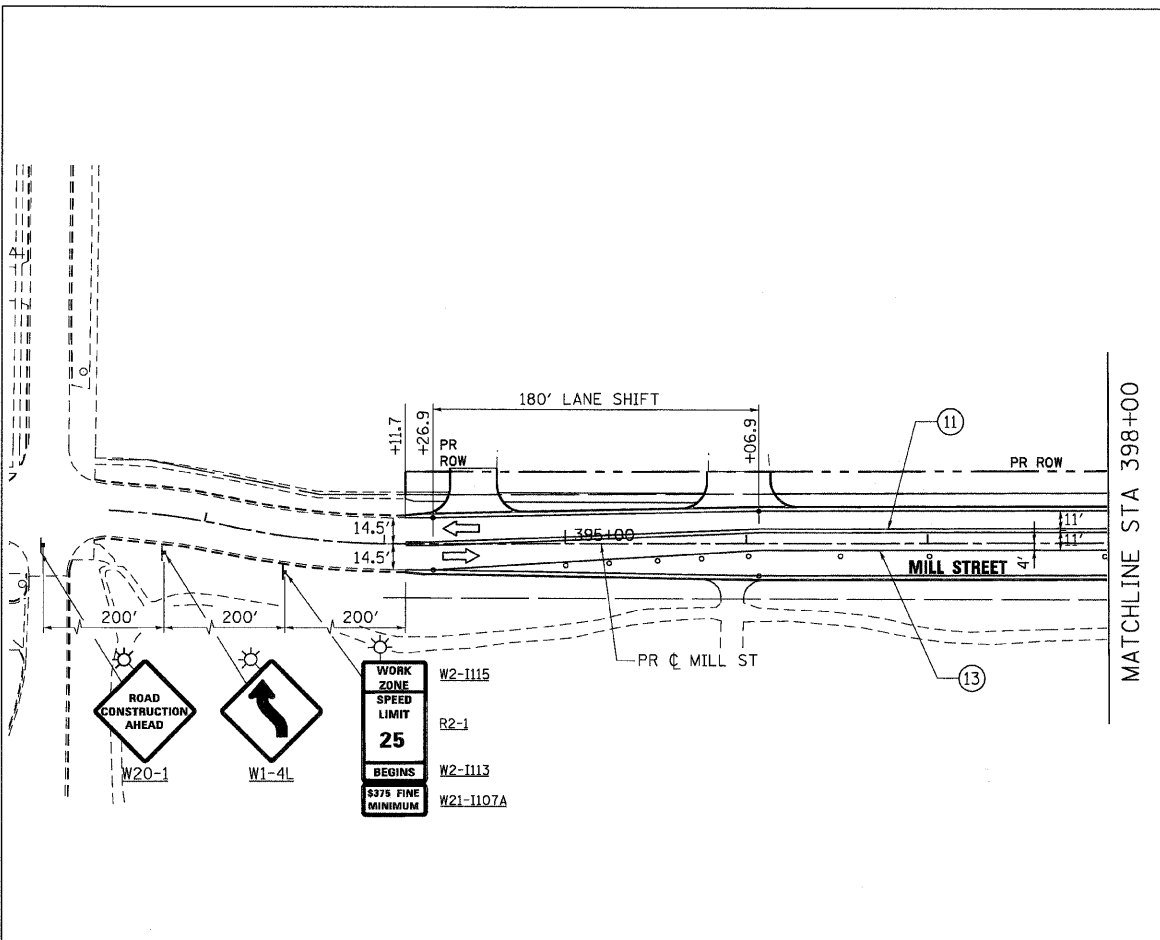
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 3 OF 7

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

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 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 697-2624

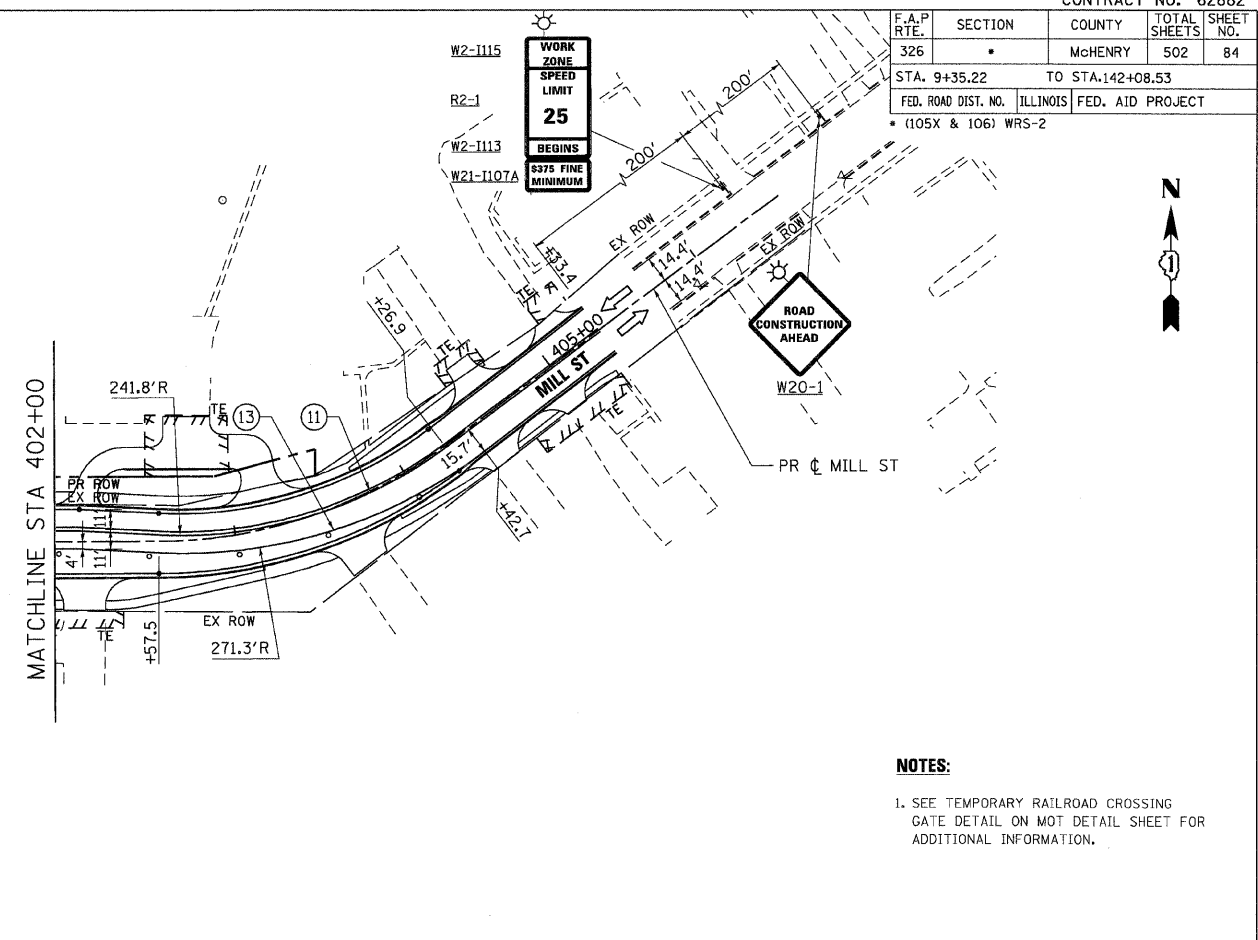
PLOT DATE = Wednesday, August 05, 2009
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 PLOT SCALE = 500
 USER NAME = 3838

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				



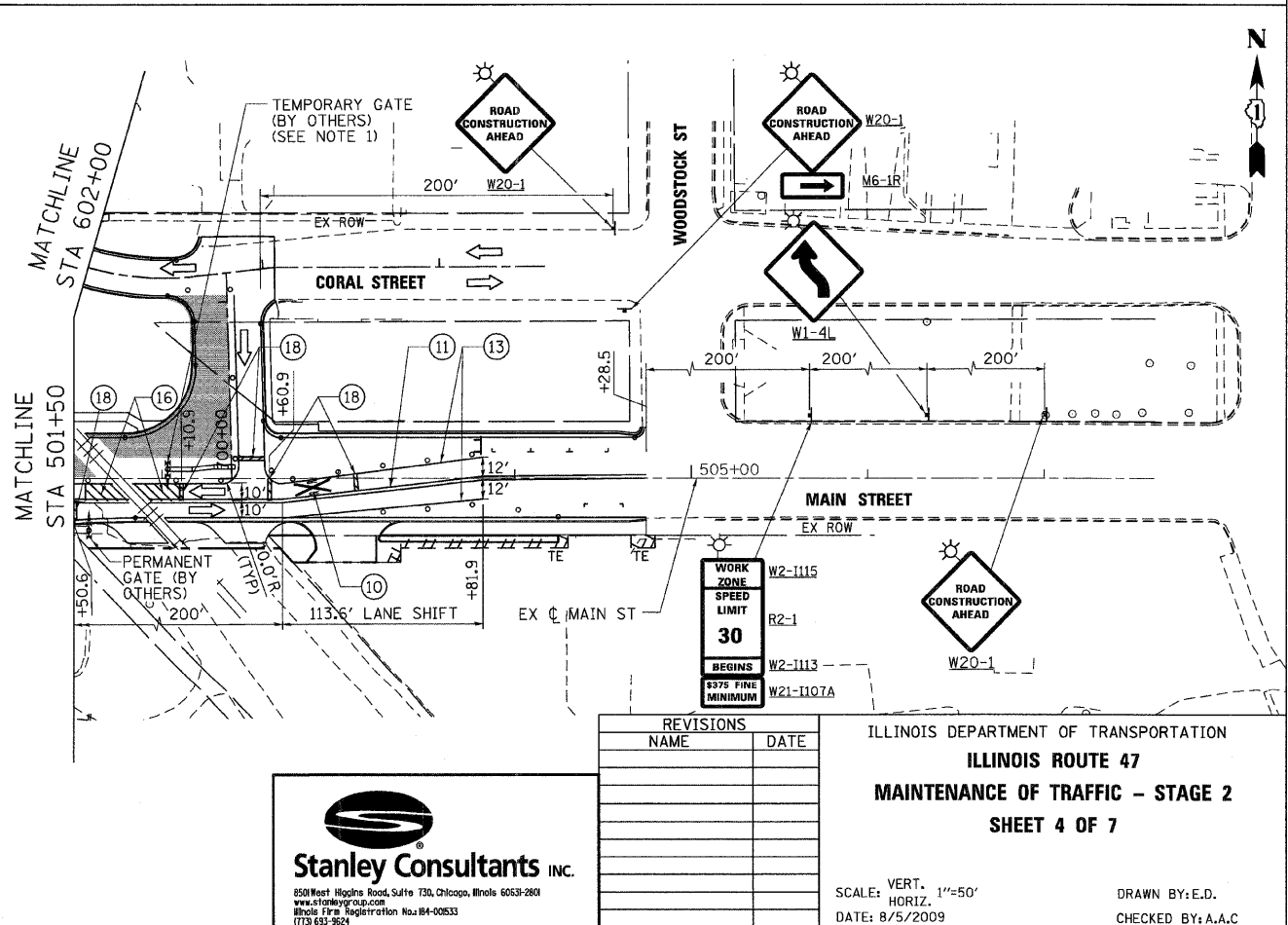
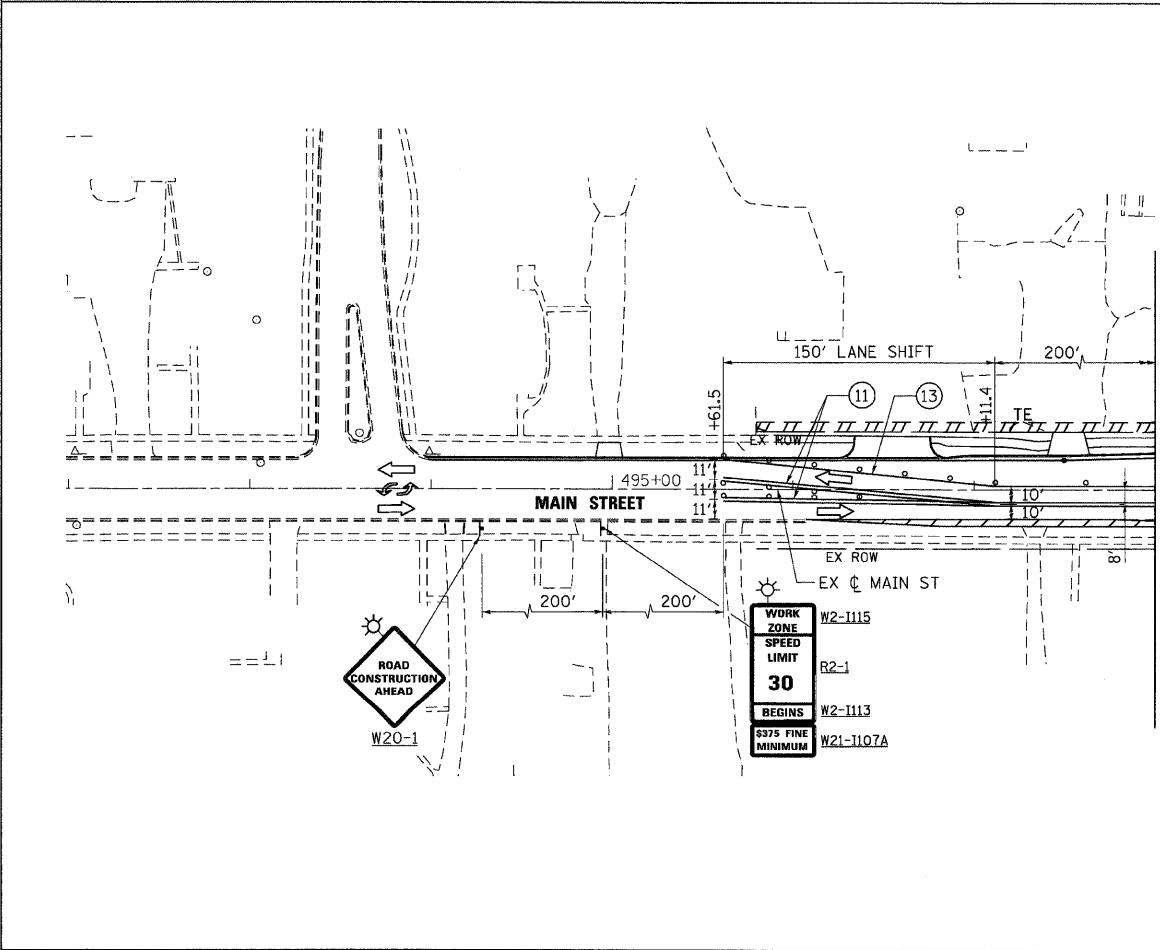
SEE MOT - STAGE 3
SHEET 3 OF 7
FOR CONTINUATION

MILL STREET



SEE MOT - STAGE 3
SHEET 3 OF 7
FOR CONTINUATION

MAIN STREET



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

REVISIONS	
NAME	DATE

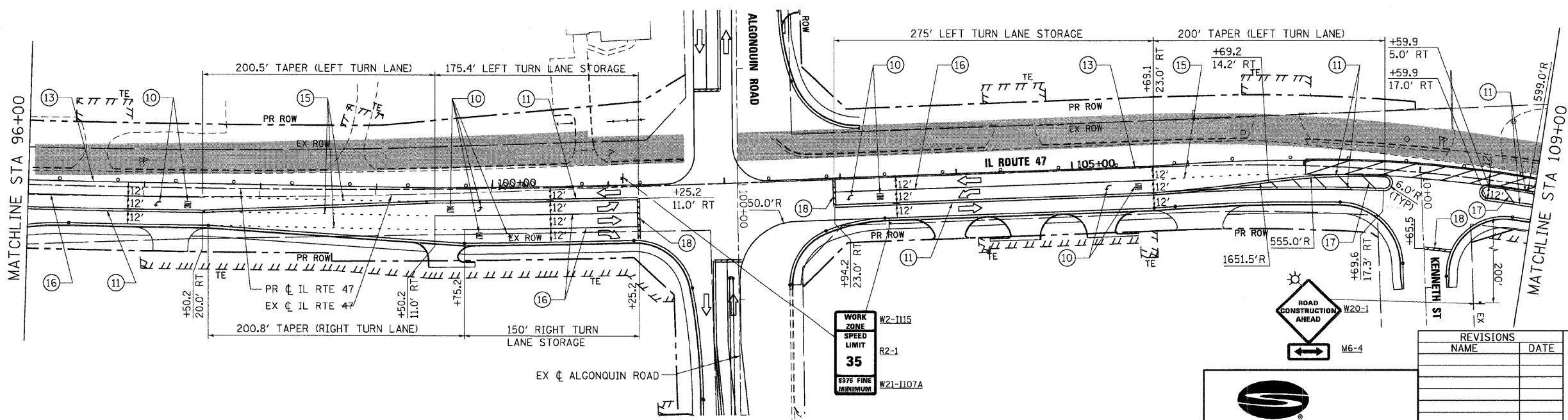
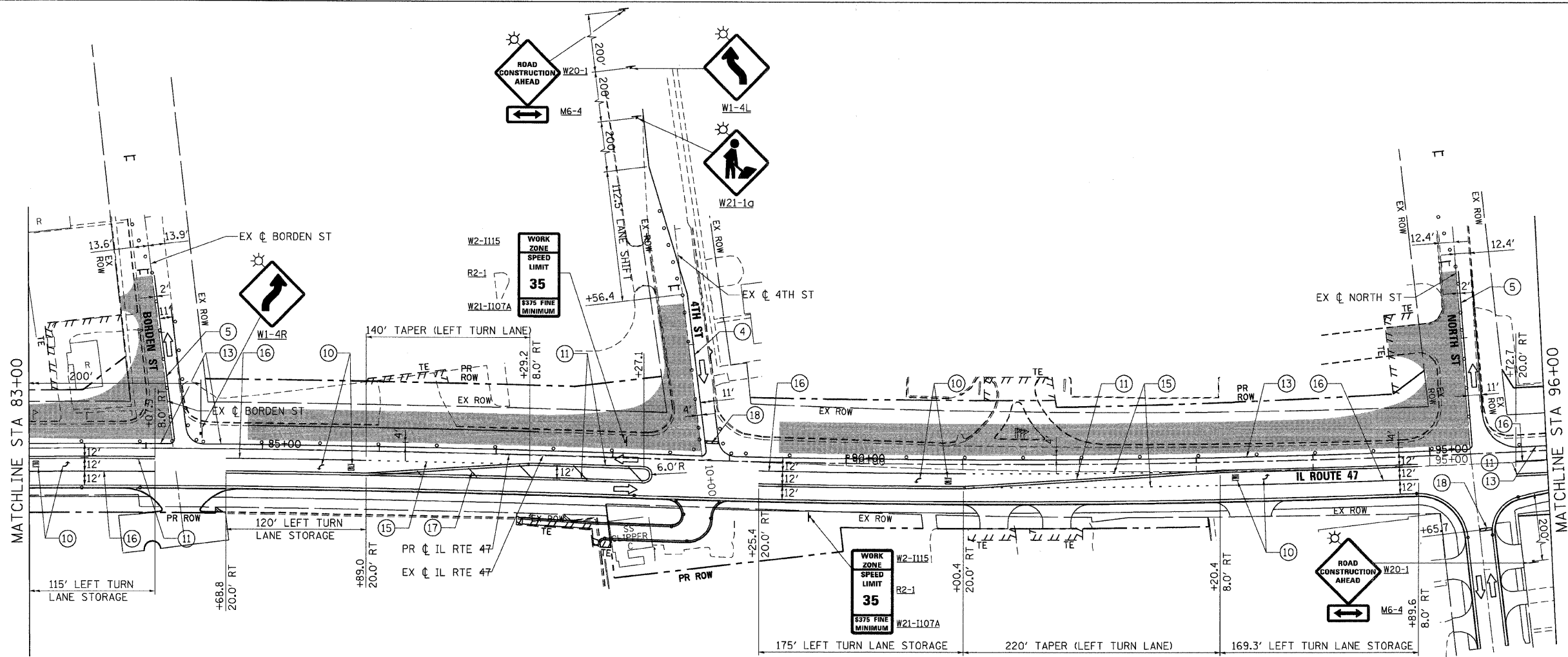
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 2
SHEET 4 OF 7



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

PLT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-mt\1054_mct\st2_ah104.dgn
PLT SCALE = 1/8"=1'
USER NAME = 3836

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	85
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 1B ALONG ALGONQUIN ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 1B SHEET 4 OF 4 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE

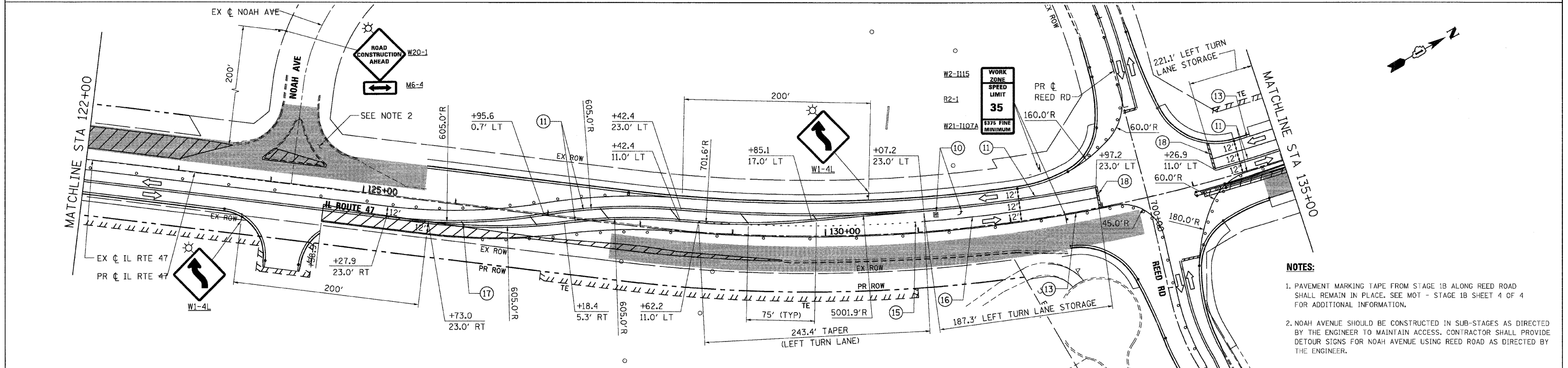
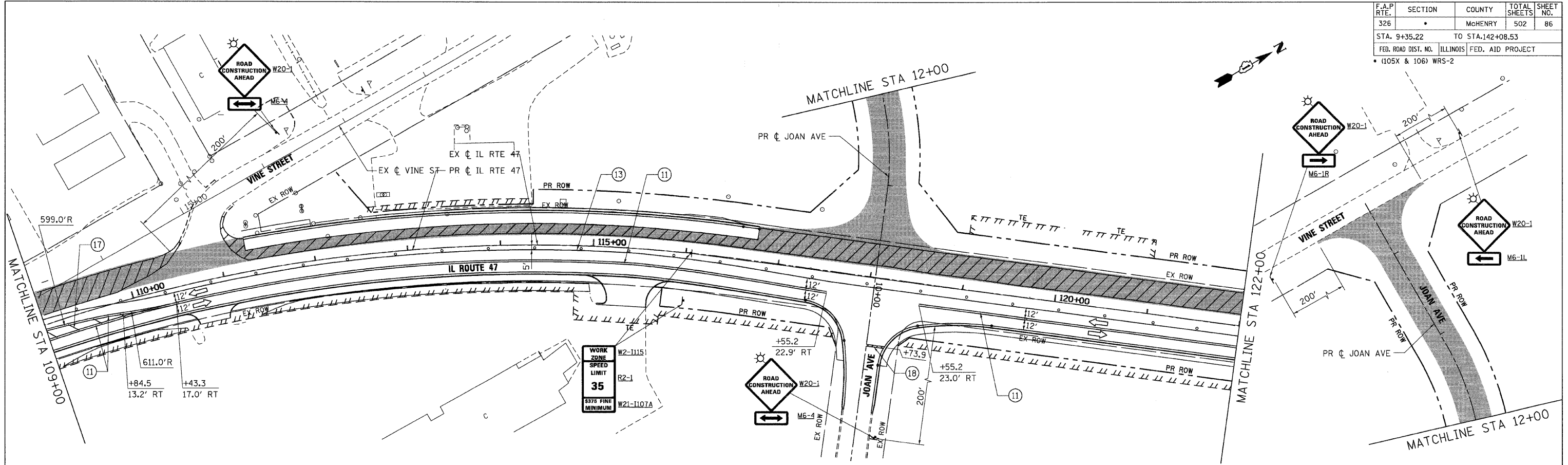
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 5 OF 7

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

850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 692-2624

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-11\11085_mol.txd_11085.dgn
 PLOT SCALE = 50:1
 USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	86
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 1B ALONG REED ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 1B SHEET 4 OF 4 FOR ADDITIONAL INFORMATION.
 2. NOAH AVENUE SHOULD BE CONSTRUCTED IN SUB-STAGES AS DIRECTED BY THE ENGINEER TO MAINTAIN ACCESS. CONTRACTOR SHALL PROVIDE DETOUR SIGNS FOR NOAH AVENUE USING REED ROAD AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

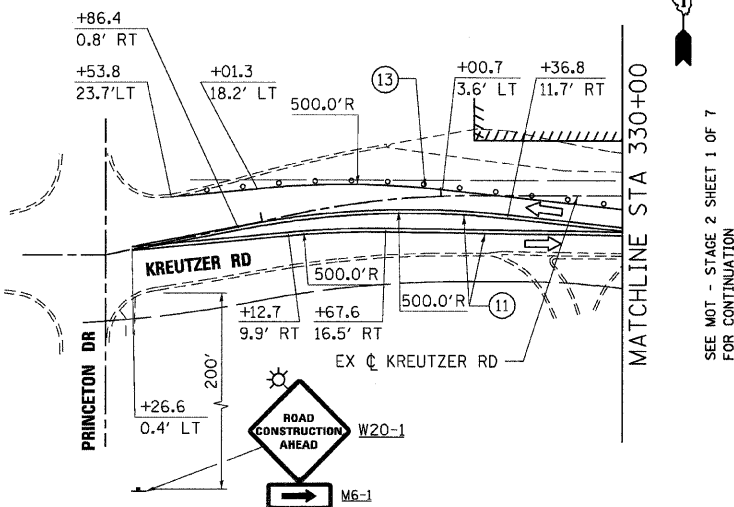
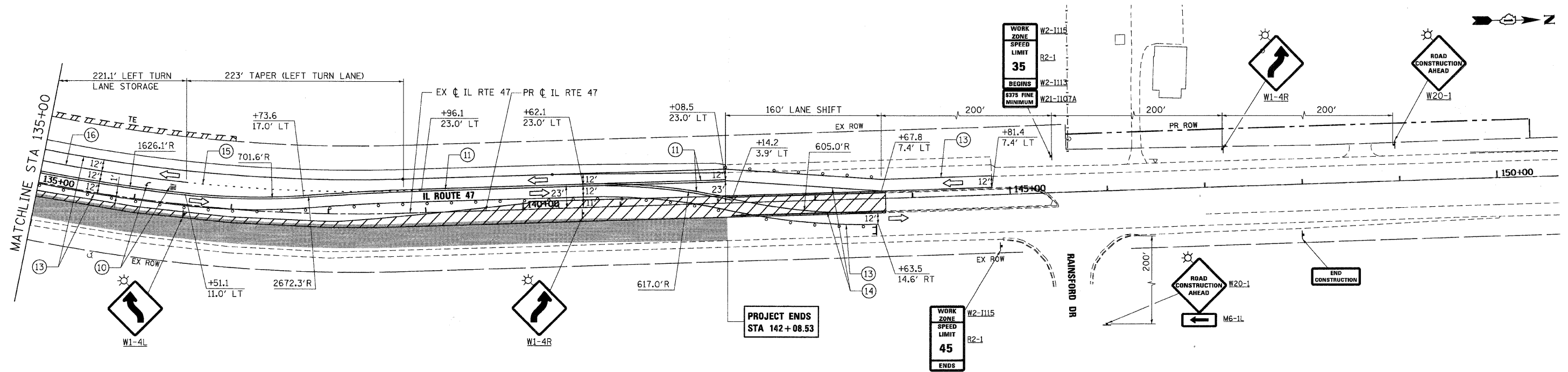
Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 693-8524

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 2
 SHEET 6 OF 7

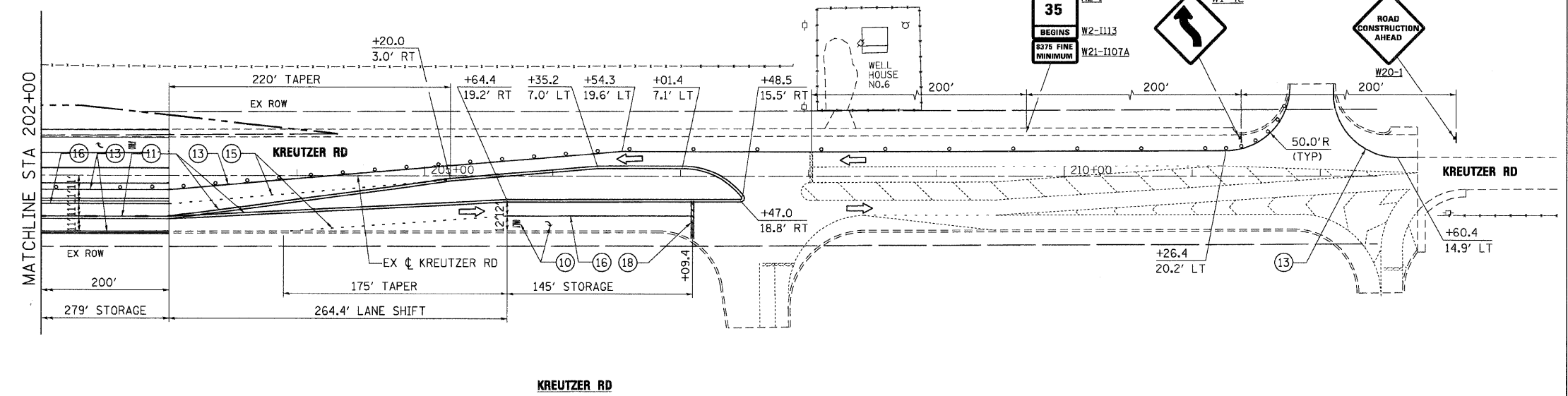
SCALE: VERT. 1"=50'
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mt\086_mct.t12_ah\06.dgn
 PLOT SCALE = 1/8"=1'
 USER NAME = 3890

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				



SEE NOT - STAGE 2 SHEET 1 OF 7 FOR CONTINUATION



PLOT DATE = Wednesday, August 26, 2009
 FILE NAME = S:\11-CADD\11-11-08\11087.mxd
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3636

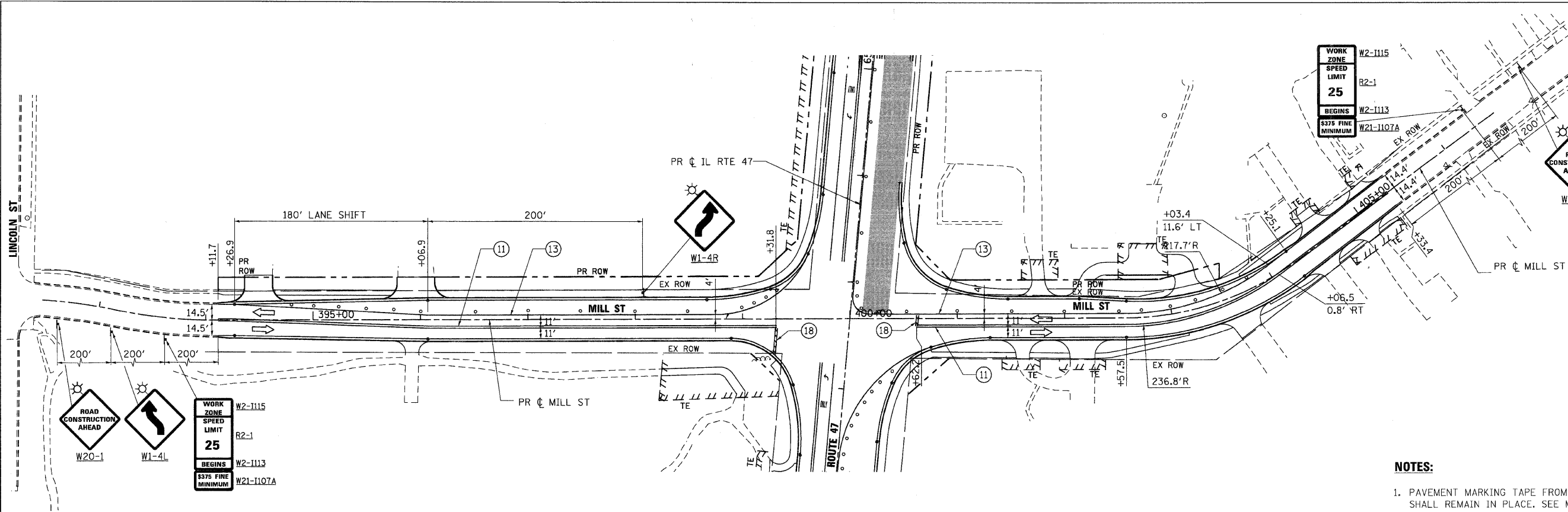


REVISIONS	
NAME	DATE

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"=100'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

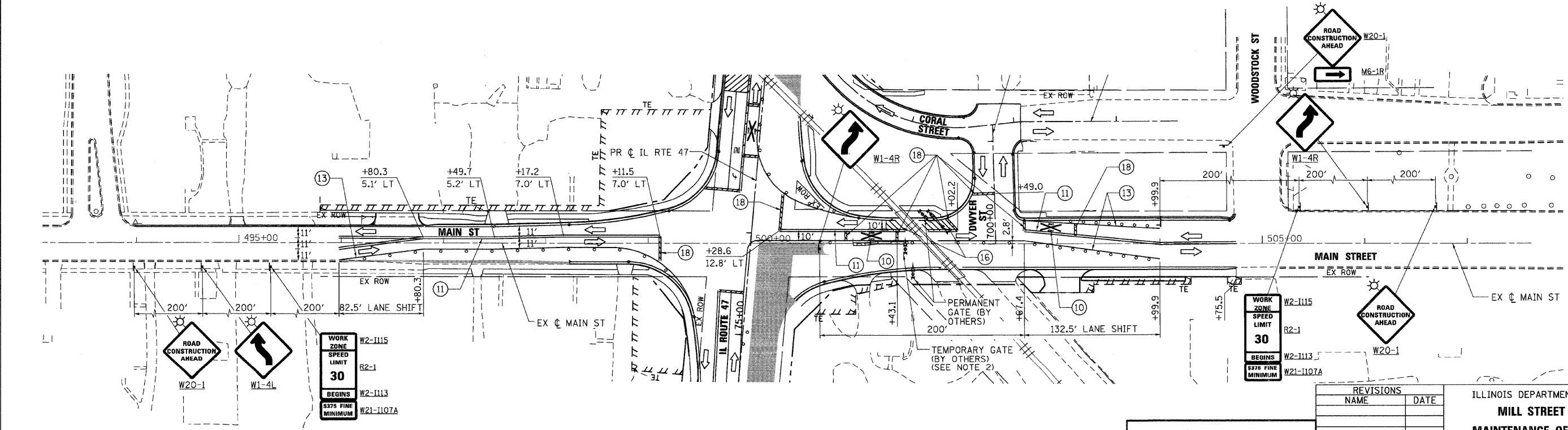
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	89
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



MILL STREET

NOTES:

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



MAIN STREET

REVISIONS	
NAME	DATE

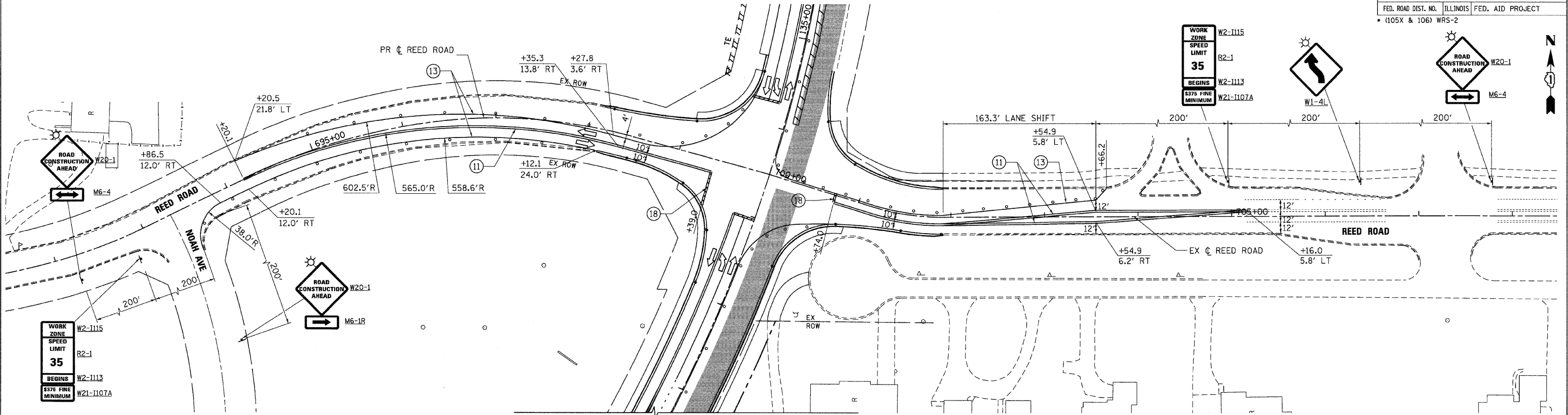
ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
 MAINTENANCE OF TRAFFIC – STAGE 2B
 SHEET 2 OF 4

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
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 Illinois Firm Registration No. 084-006533
 (773) 692-3524

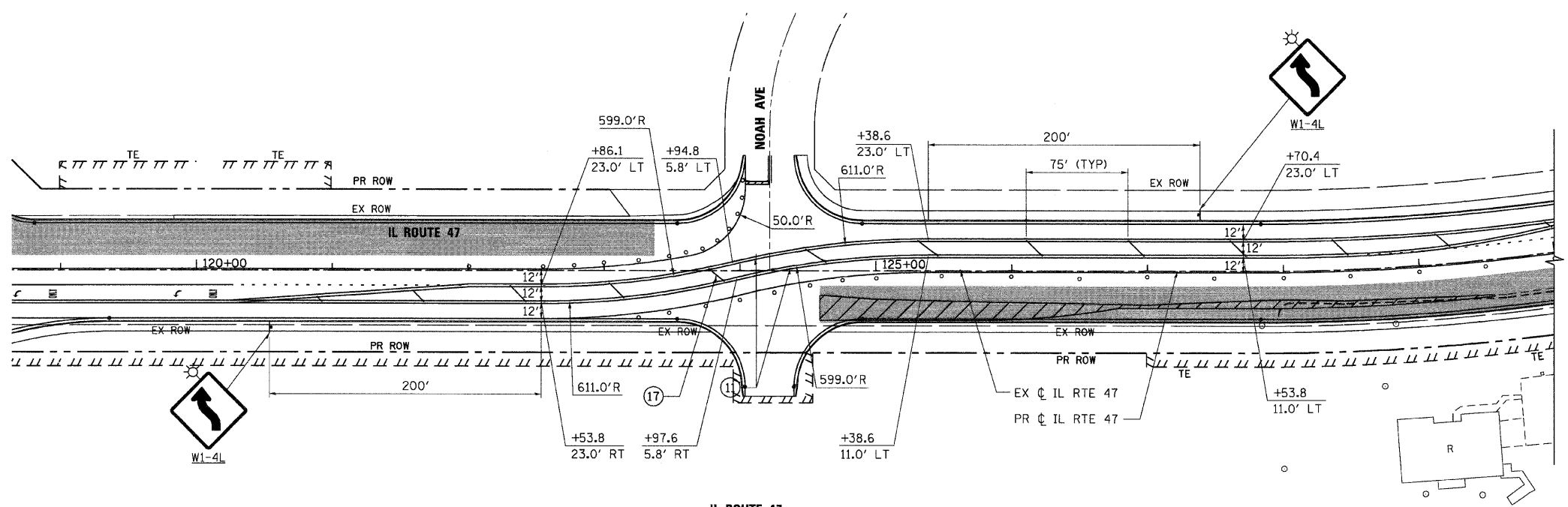
SCALE: VERT. 1"=50'
 HORIZ. 1"=100'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-mt\089_mct\st2b.dwg
 PLOT SCALE = 1/8"=1'
 USER NAME = 3830

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	91
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (105X & 106) WRS-2				



REED ROAD



IL ROUTE 47

NOTES:
 1. PAVEMENT MARKING TAPE FROM STAGE 2 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 2 SHEET 5 OF 7 AND SHEET 6 OF 7 FOR ADDITIONAL INFORMATION.

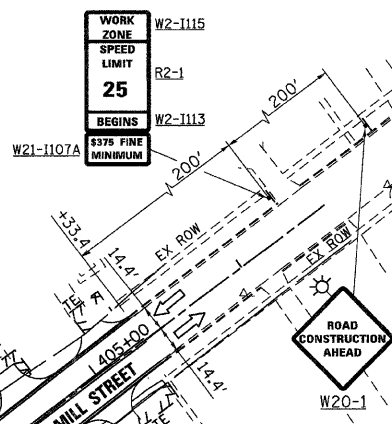
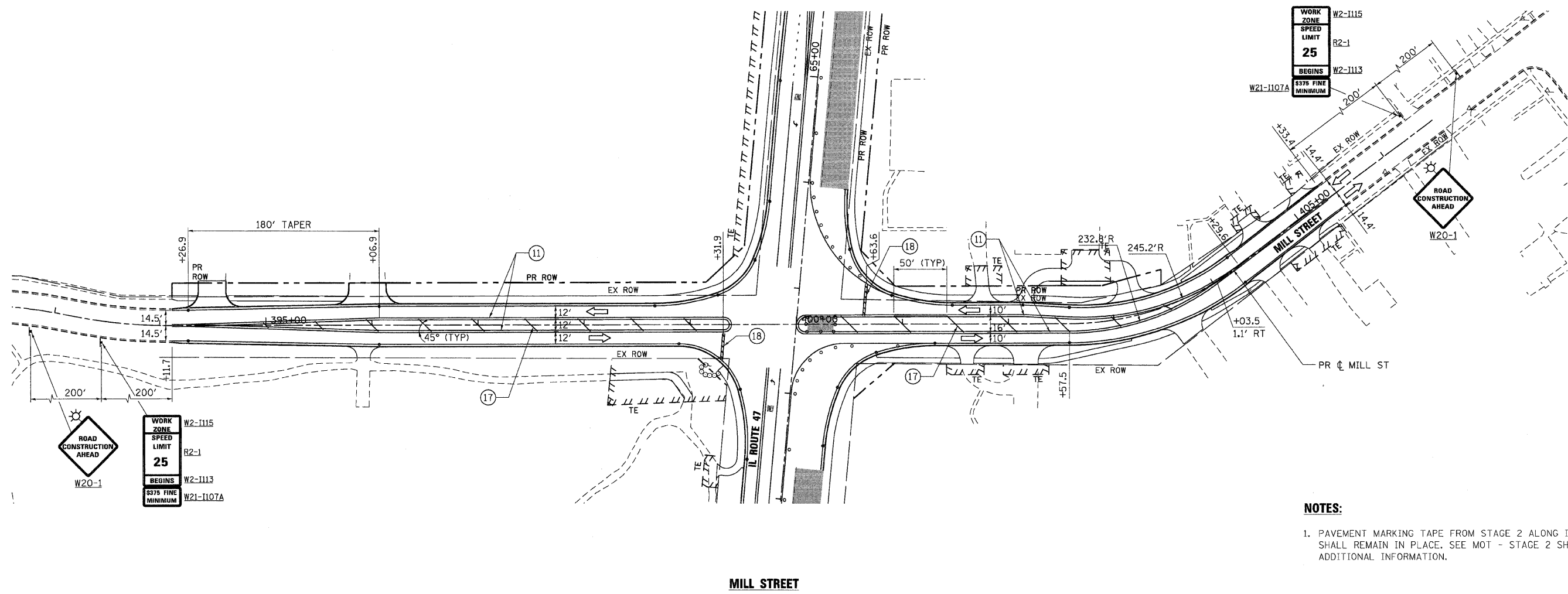
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
REED ROAD AND IL ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 2B
SHEET 4 OF 4

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-INT\W91_mot_s42b_04.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3829

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	92
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 2 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 2 SHEET 3 OF 7 FOR ADDITIONAL INFORMATION.

MILL STREET

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-sha\11072_mst_2c_01.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3830

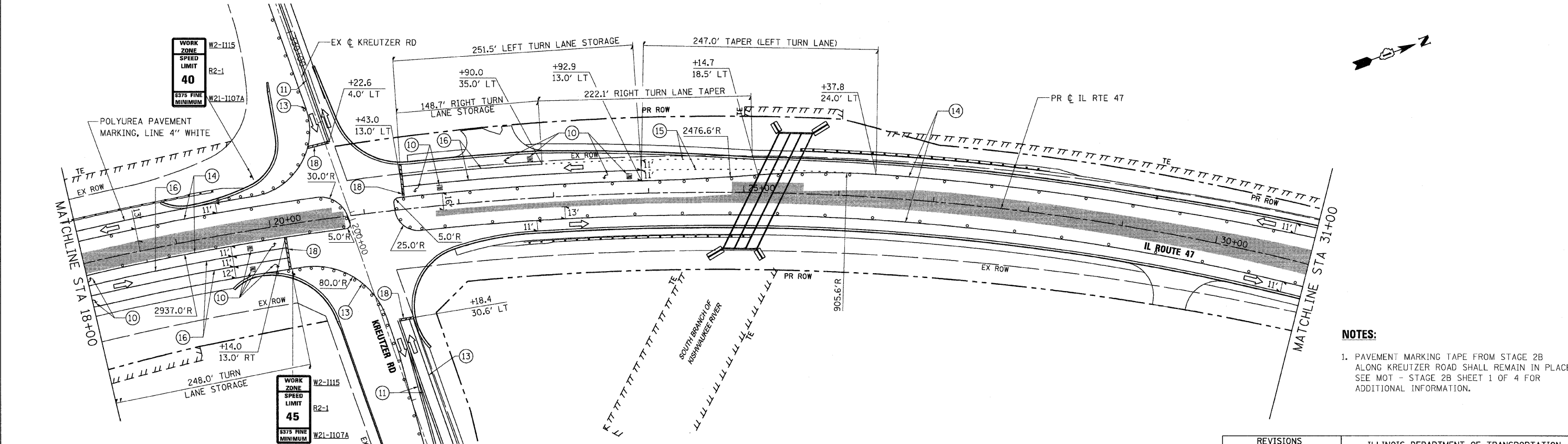
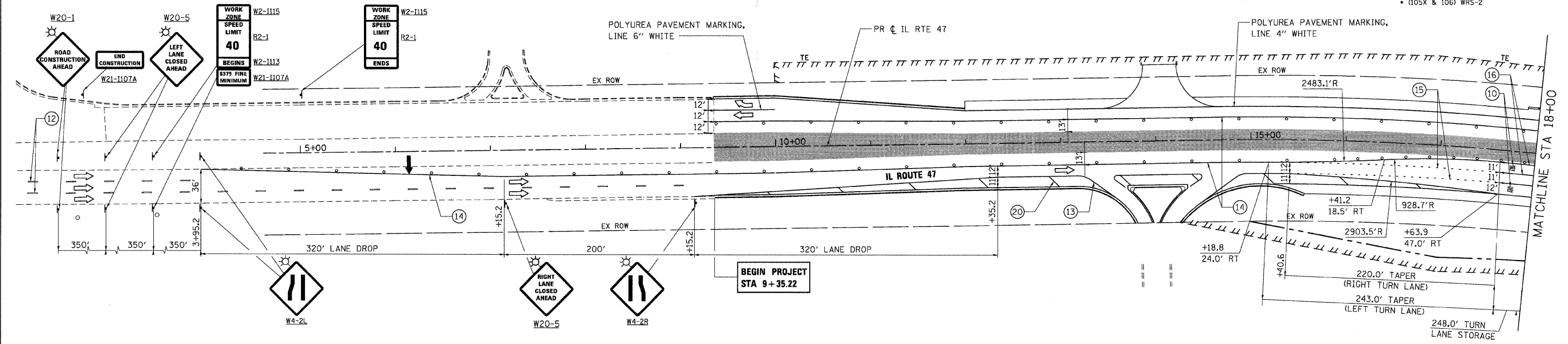


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET
MAINTENANCE OF TRAFFIC - STAGE 2C
SHEET 1 OF 1

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	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 = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mt\913_mts\3_ah\01.dgn
 PLOT SCALE = 50:1
 USER NAME = 3836



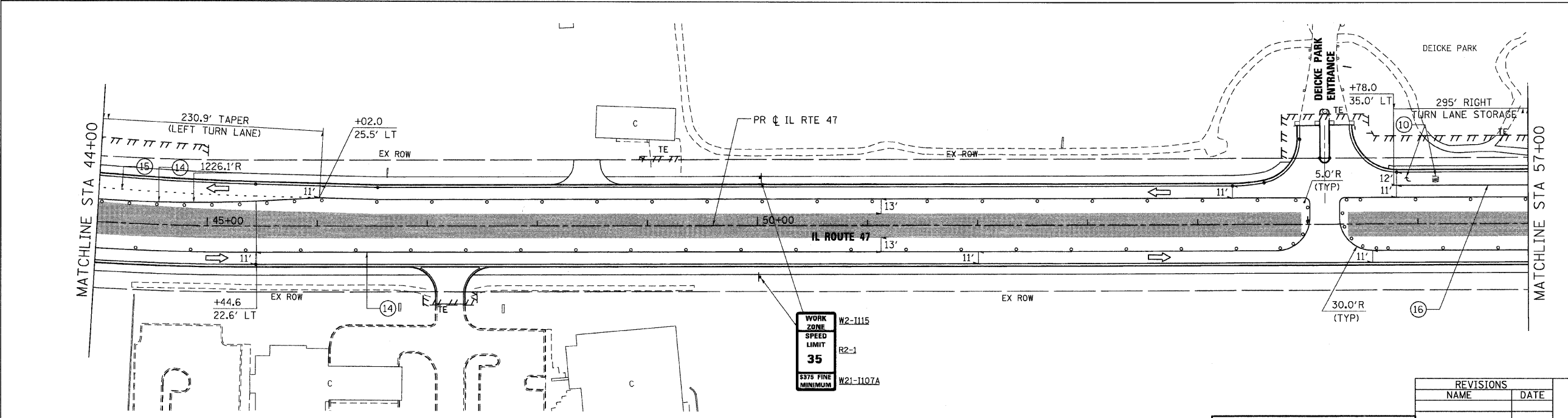
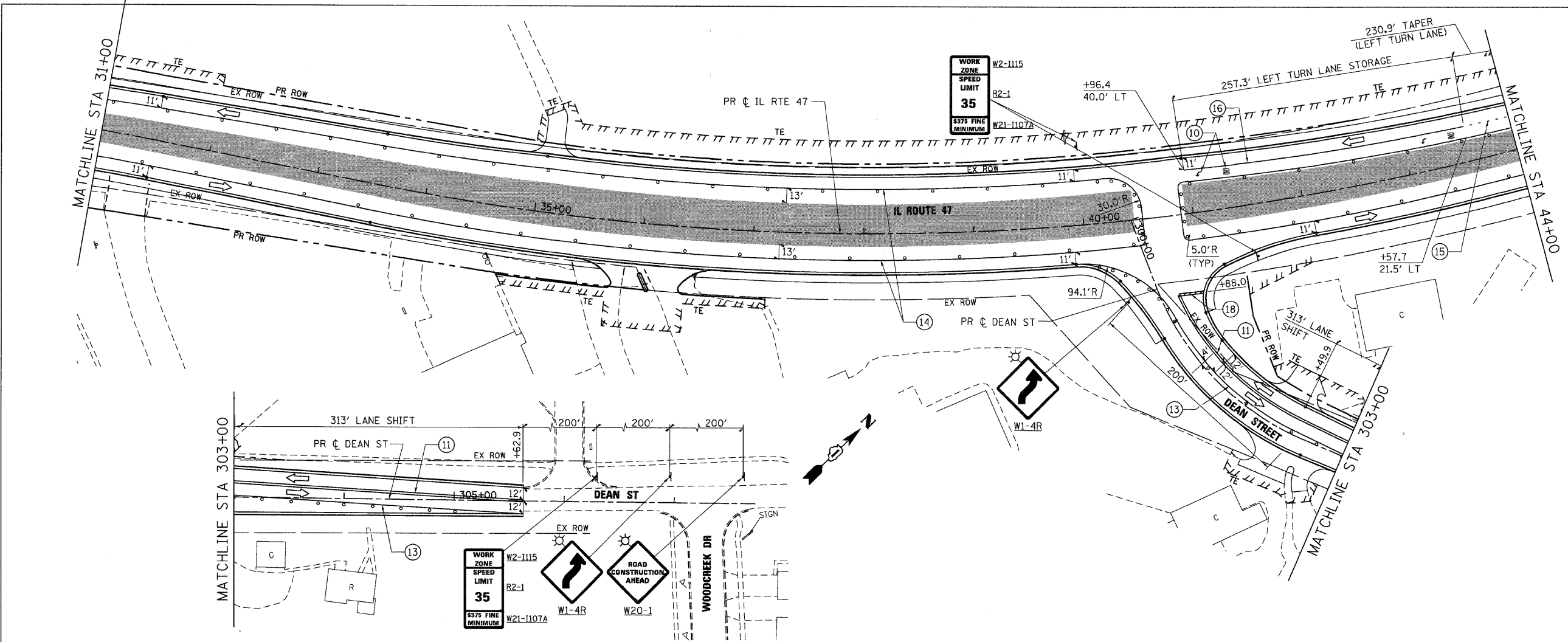
REVISIONS	
NAME	DATE

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 = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01-mt\874_mol\13.mt\102.dgn
 PLOT SCALE = 5/8"
 USER NAME = 3630

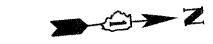
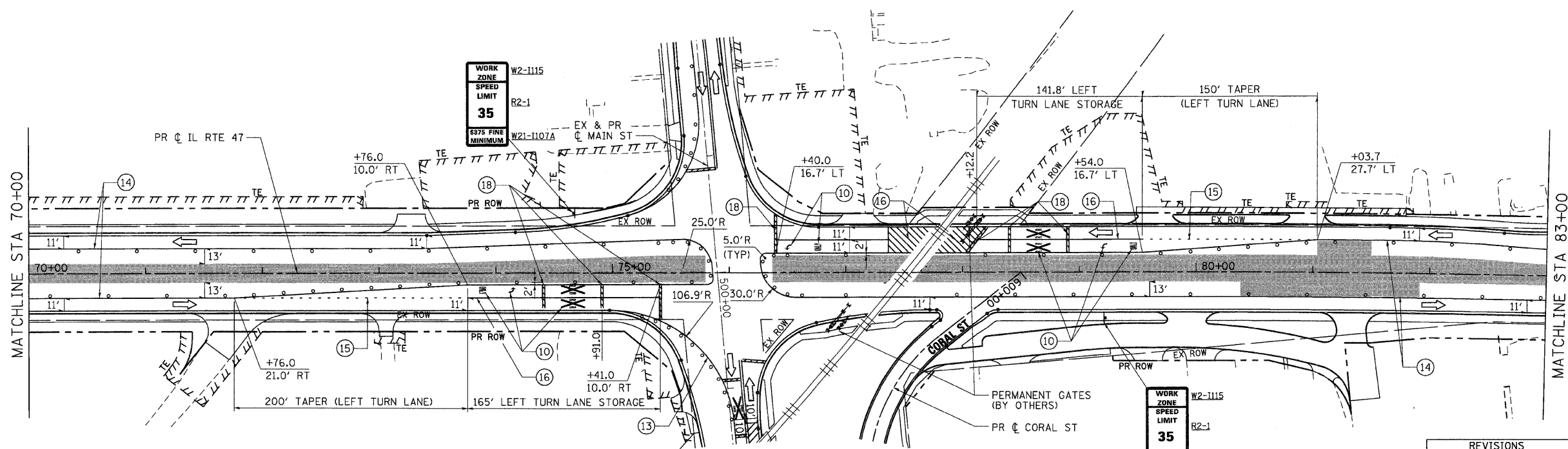
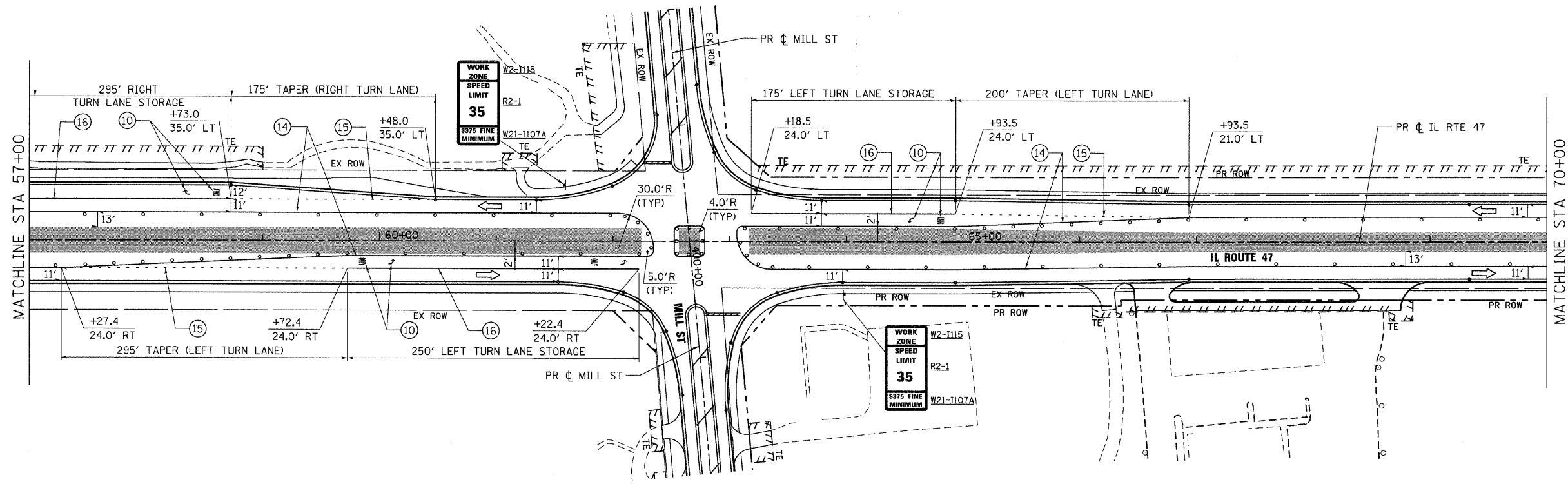


REVISIONS	
NAME	DATE

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

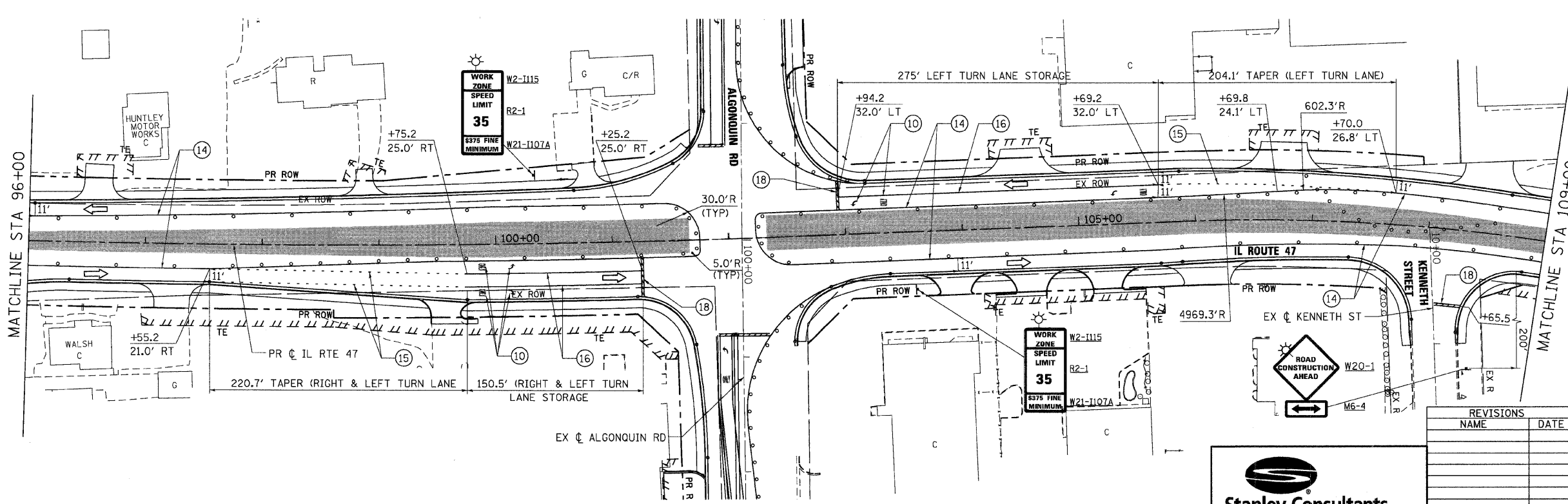
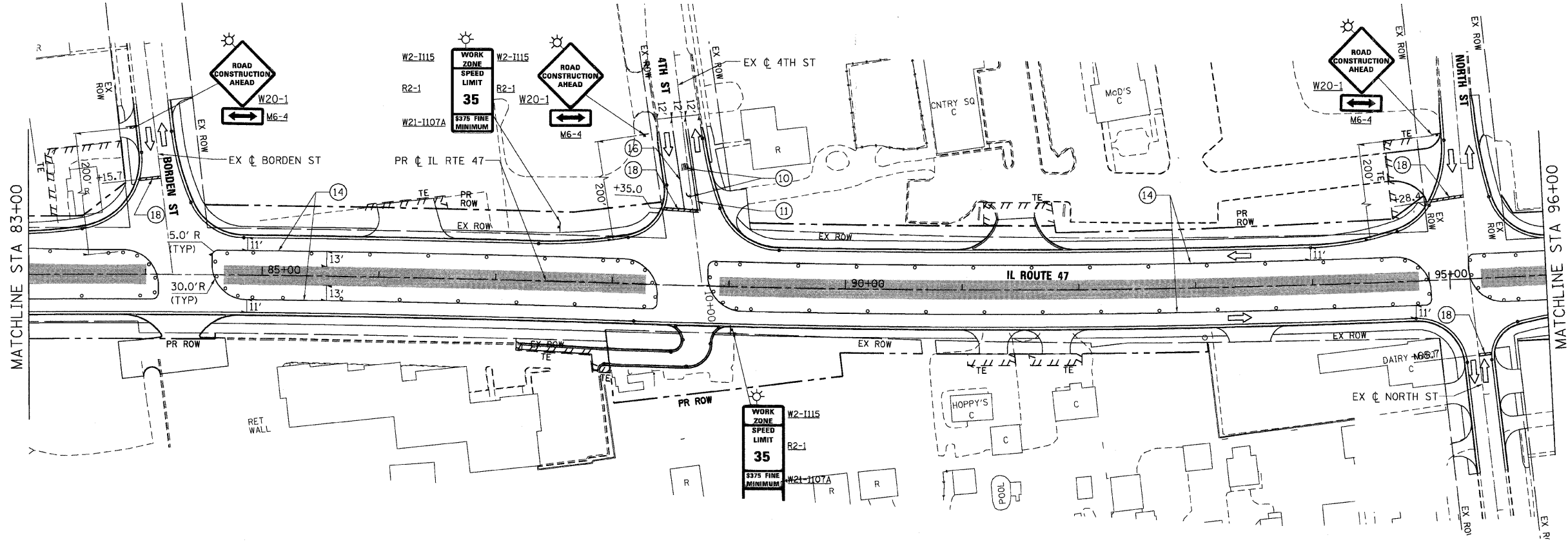
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 3
 SHEET 3 OF 6

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

Stanley Consultants INC.
 850 West Higgins Road, Suite 700, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Mobile Firm Registration No. 04-00533
 (773) 693-2624

PLOT DATE = Wednesday, August 26, 2009
 FILE NAME = S:\11-CADD\01-mh\105-mot.s3.sh\83.dgn
 PLOT SCALE = 50:1
 USER NAME = j3839

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	96
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTES:
 1. MAINTENANCE OF TRAFFIC ALONG ALGONQUIN ROAD SHALL BE THE SAME AS STAGE 1B. SEE MOT - STAGE 1B SHEET 2 OF 2 FOR LIMITS OF PAVEMENT MARKING TAPE, CONSTRUCTION SIGNING AND ADDITIONAL INFORMATION.

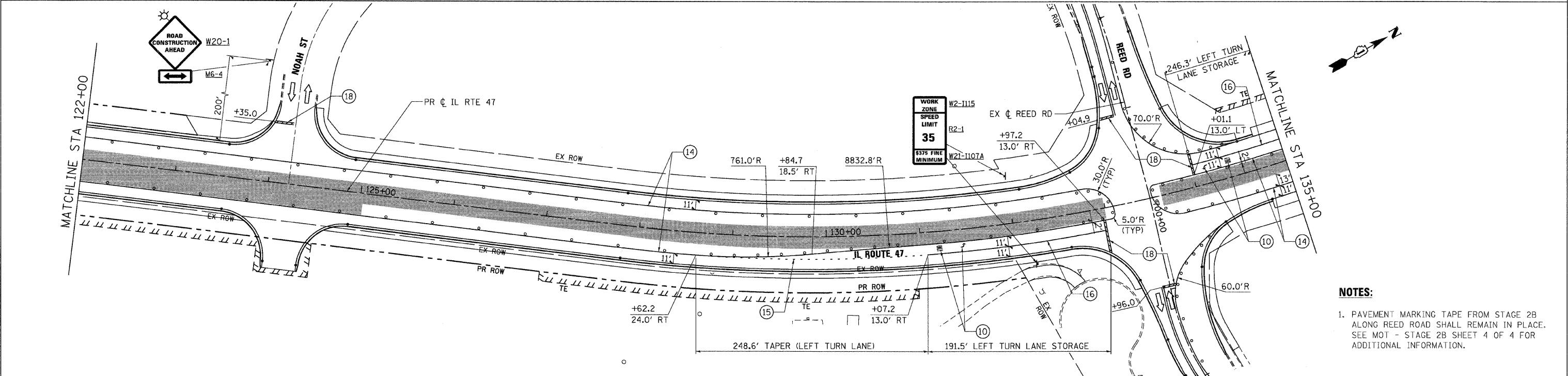
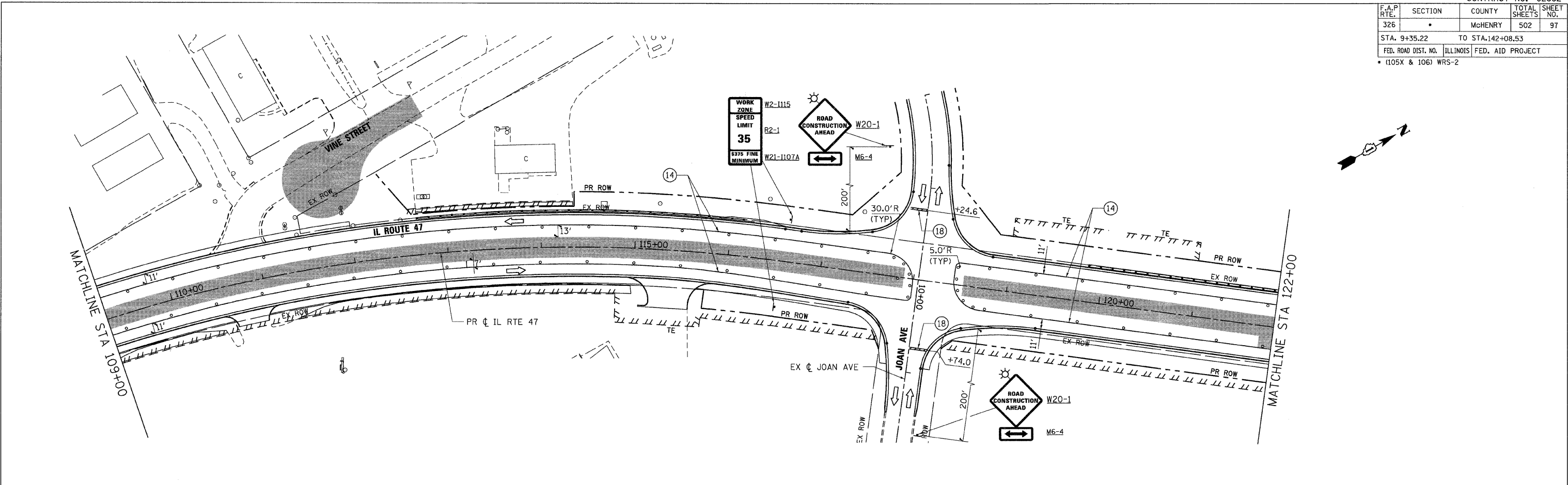
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 3
 SHEET 4 OF 6

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mt\11876.mot\11876.mot.ctb3_ah184.dgn
 PLOT SCALE = 1"=50'
 USER NAME = 3536

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	97
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 REED ROAD SHALL REMAIN IN PLACE. SEE MOT - STAGE 2B SHEET 4 OF 4 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE

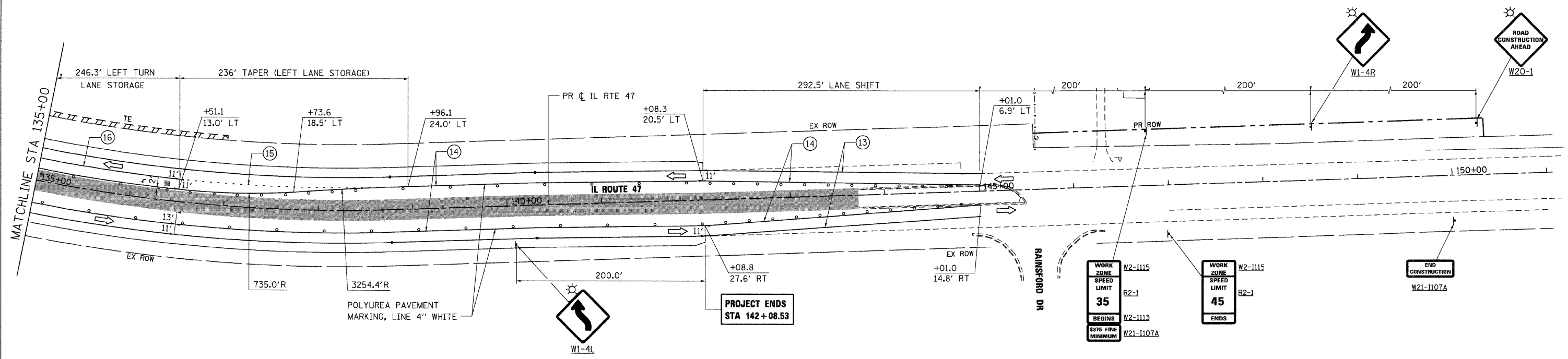
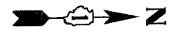
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 084-00633
 (773) 692-3624

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
 MAINTENANCE OF TRAFFIC - STAGE 3
 SHEET 5 OF 6

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mot\977_mot_s3.dgn
 PLOT SCALE = 50:1
 USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	98
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 35

W2-1115
R2-1
BEGINS W2-1113
S375 FINE MINIMUM W21-1107A

WORK ZONE SPEED LIMIT 45

W2-1115
R2-1
ENDS

END CONSTRUCTION

W21-1107A

PROJECT ENDS
STA 142+08.53

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-11\1107A\1107A.dgn
PLOT SCALE = 1/4"=1'-0"
USER NAME = 3839

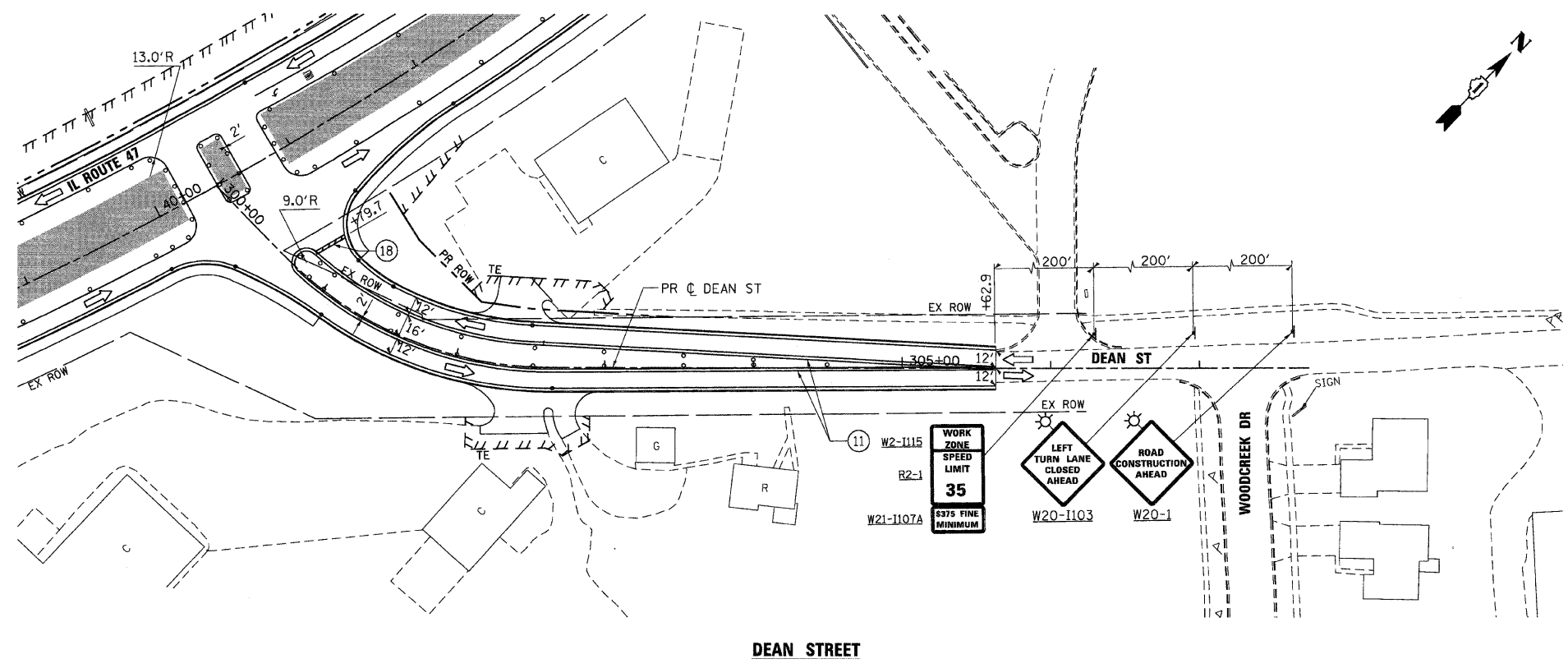
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleygroup.com
Illinois Fire Registration No. 04-00533
(773) 593-3524

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3
SHEET 6 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	99
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 3 ALONG IL RTE 47 SHALL REMAIN IN PLACE. SEE MOT - STAGE 3 SHEETS 1 OF 6 AND 2 OF 6 FOR ADDITIONAL INFORMATION.

REVISIONS	
NAME	DATE

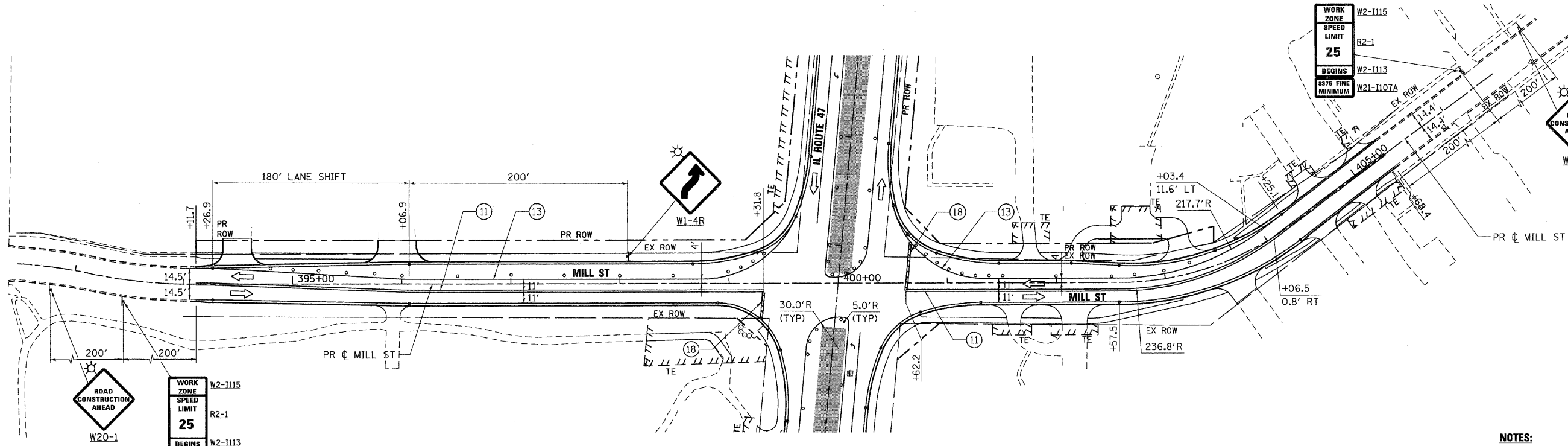
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MAINTENANCE OF TRAFFIC - STAGE 3B
DEAN STREET
SHEET 1 OF 5



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

PLOT DATE = Wednesday, August 26, 2009
 FILE NAME = S:\11-CADD\01-plans\1095_mot\135_01.dgn
 PLOT SCALE = 5/8"=1'
 USER NAME = 3828

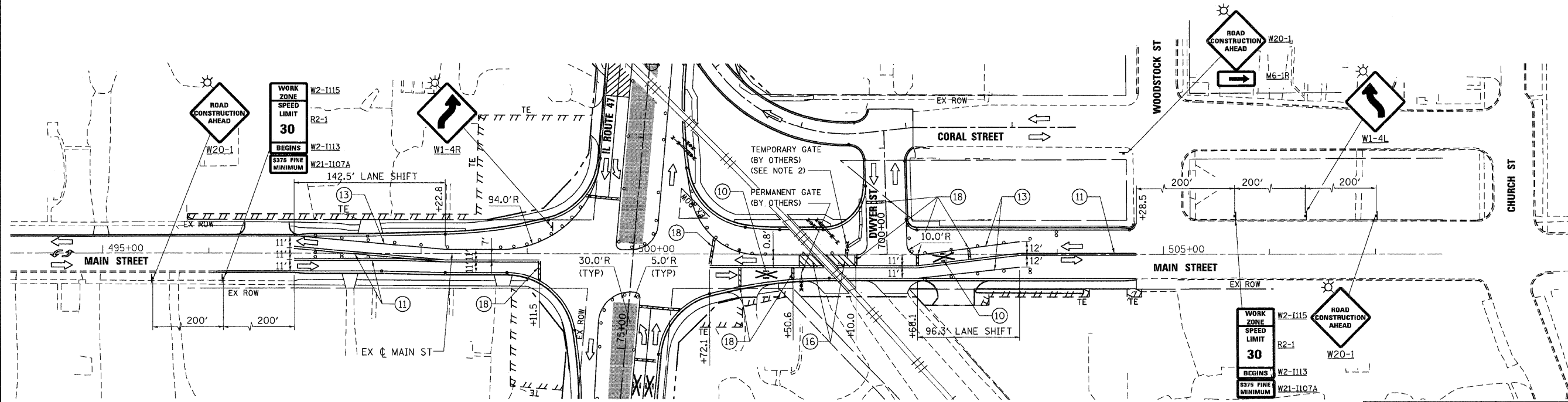
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	100
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(105X & 106) WRS-2				



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

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

Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com
 State Firm Registration No. 04-00533
 (773) 593-2624

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

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-mt\106_mot\st3b_02.dgn
 PLOT SCALE = 50:1
 USER NAME = 3890