

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47) WRS-3	LAKE	176	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	60957	

D-91-209-00
CONTRACT NO. 60957

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF GRAYSLAKE, AVON TOWNSHIP, FREEMONT TOWNSHIP, LIBERTYVILLE TOWNSHIP AND WARREN TOWNSHIP

TRAFFIC DATA
POSTED SPEED: 45 MPH
DESIGN SPEED: 50 MPH
CURRENT ADT (2007): 24,400
DESIGN ADT (2030): 48,150

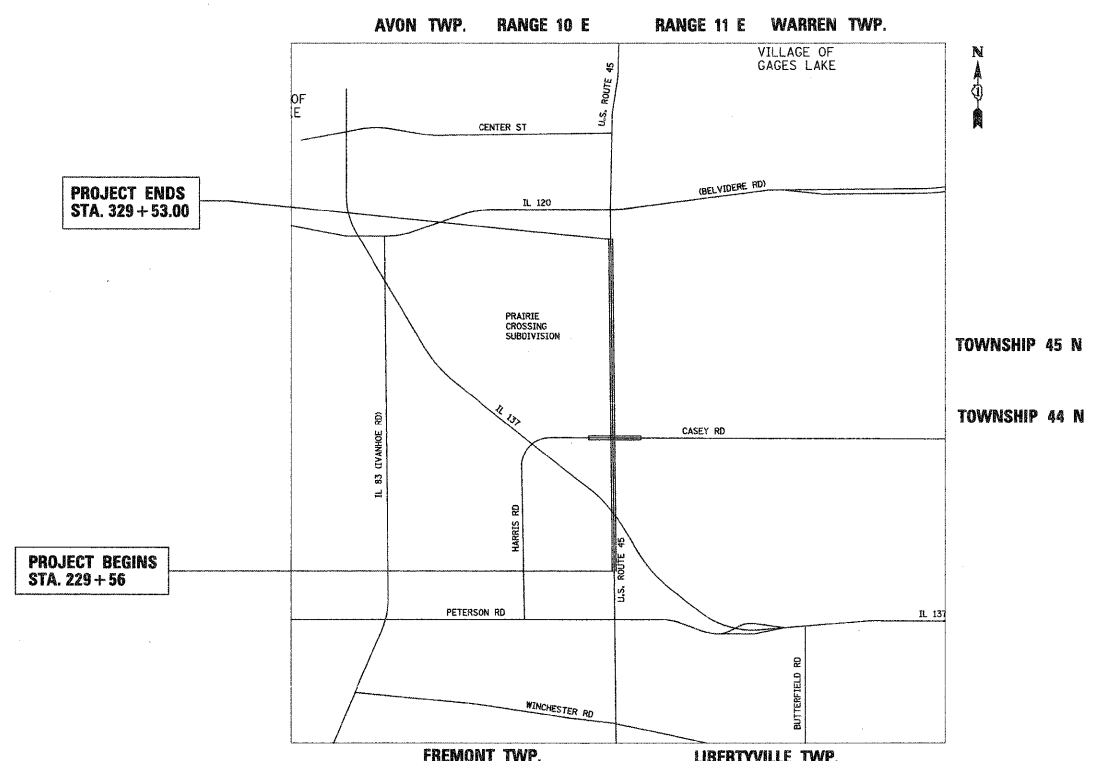
DESIGN DESIGNATION
MAJOR ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 344 — U.S. ROUTE 45
Section No.: (46-1S&47)WRS-3
ILLINOIS ROUTE 137 (BUCKLEY RD)
TO SOUTH OF ILLINOIS ROUTE 120 (BELVIDERE ROAD)
ROADWAY RECONSTRUCTION AND RESURFACING
TRAFFIC SIGNAL MODERNIZATION

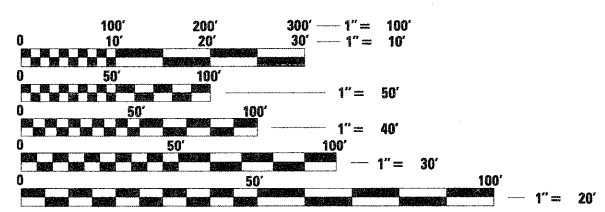
Project No.: F-0344 (049)
LAKE COUNTY
C-91-209-00



LOCATION MAP

SCALE: 1" = 2500'

PROJECT GROSS AND NET LENGTH (U.S. ROUTE 45) = 9,997 FT (1.89 MILES)

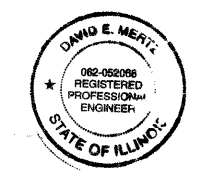


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



SIGNED: *Matthew A. Papirnik*
DATE: 12/12/2008
EXPIRES: Nov 30 2009
FOR DRAWINGS: ALL BUT PAGE BELOW



SIGNED: *David E. Mertz*
DATE: 12 DECEMBER 2008
EXPIRES: 30 November 2009
FOR DRAWINGS: 106 to 116

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: JANUARY 9, 2009

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

January 30, 2009
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

January 30, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 60957

IDOT PROJECT MANAGER -- BRIAN KUTTAB (847) 705-4431 (DISTRICT 1)

INDEX OF SHEETS

COVER SHEET - 1
 GENERAL NOTES / LIST OF STANDARDS - 2-3
 SUMMARY OF QUANTITIES - 4-14
 TYPICAL SECTIONS - 15-20
 SCHEDULES OF QUANTITIES - 21-22
 ALIGNMENT, TIES AND BENCHMARKS - 23-25
 MAINTENANCE OF TRAFFIC - 26-50
 PLAN AND PROFILE SHEETS - 51-60
 DRAINAGE AND UTILITY SHEETS - 61-67
 DRAINAGE SCHEDULES - 68-74
 PLAT OF HIGHWAYS SHEETS - 75-82
 INTERSECTION DETAILS - 83-85
 PAVEMENT JOINT DETAILS - 86-88
 PAVEMENT MARKING PLANS - 89-93
 EROSION CONTROL PLANS - 94-105
 TRAFFIC SIGNAL PLANS - 106-116
 DISTRICT DETAILS - 117-134A
 CROSS SECTIONS - US ROUTE 45 - 135-170
 CROSS SECTIONS - CASEY ROAD - 171-176

STATE STANDARDS

000001-05 Standard Symbols, Abbreviations, and Patterns
 001006 Decimal of an Inch and of a Foot
 280001-04 Temporary Erosion Control Systems
 420001-07 Pavement Joints
 420101-04 7.2m (24') Jointed PCC Pavement
 420111-02 PCC Pavement Roundouts
 542301-02 Precast Reinforced Concrete Flared End Section
 542311-01 Grating for Concrete Flared End Section For 600 mm (24") thru 1300 mm (54") Pipe
 542601-01 Reinforced Concrete Pipe Elbow
 542606-01 Reinforced Concrete Pipe Tee
 601001-03 Sub-Surface Drains
 601101-01 Concrete Headwall for Pipe Drains
 602001-01 Inlet, Type A
 602011-01 Catch Basin, Type A
 602301-02 Inlet, Type B
 602306-02 Catch Basin, Type C
 602401-02 Manhole, Type A
 602406-03 Manhole, Type A, 1800 mm (72") Diameter
 602601-02 Gate, Type 8
 604001-03 Precast Reinforced Concrete Flat Slab Top
 604036-02 Frame and Lids, Type 1
 604091-02 Frame and Gate, Type 24
 606001-04 Concrete Curb and Combination Concrete Curb and Gutter
 606006-02 Outlet for Concrete Curb and Gutter, Type B-15.60 (B-6.24)
 606301-04 PC Concrete Islands And Medians
 606306-03 Corrugated PC Concrete Medians
 630001-08 Steel Plate Beam Guardrail
 631011-05 Traffic Barrier Terminal, Type 2
 635006-03 Reflector and Terminal Marker Placement
 701001-02 Off-Road Operations, 2L 2W, 4.5m (15') Min. Away, For Speeds >45 MPH
 701006-03 Off-Road Operations, 2L 2W, 4.5m (15') To 600 mm (24") Away, For Speeds > 45 MPH
 701011-02 Off-Road Moving Operations, 2L 2W, Day Only, For Speeds > 45 MPH
 701101-02 Off-Road Operations, Multilane, Less Than 4.5m (15') Away, For Speeds > 45 MPH
 701106-02 Off-Road Operations, Multilane, More Than 4.5m (15') Away, For Speeds > 45 MPH
 701201-03 Lane Closure, 2L 2W, Day Only, On-Road To 600 mm (24") Off-Road, For Speeds > 45 MPH
 701301-03 Lane Closure, 2L 2W, Short Time Operations
 701306-02 Lane Closure, 2L 2W, Slow Moving Day Only Operations, For Speeds > 45 MPH
 701326-03 Lane Closure, 2L 2W, Pavement Widening, For Speeds > 45 MPH
 701401-05 Lane Closure, Multilane, For Speeds > 45 MPH
 701406-05 Lane Closure, Multilane, Day Operations Only, For Speeds > 45 MPH
 701601-00 Urban lane closure, multilane 1W or 2W with nontransversible median.
 701602-04 Urban lane closure, multilane, 2W with bidirectional left turn lane.
 701701-04 Urban Lane Closure, Multilane Intersection
 701901-01 Traffic Control Devices
 704001-05 Temporary Concrete Barrier
 720001-01 Sign Panel Mounting Details
 780001-02 Typical Pavement Markings
 781001-03 Typical Applications for Raised Reflective Pavement Markers
~~813001-01 Junction Boxes~~
 814001-02 Concrete Handholes
 814006-02 Double Handholes
 857001-01 Standard Phase Designation Diagrams and Phase Sequences
 877001-04 Steel Mast Arm Assembly and Pole
 877006-03 Steel Mast Arm Assembly and Pole with Dual Mast Arms
 877011-04 Steel Combination Mast Arm Assembly and Pole
 878001-07 Concrete Foundation Details
 880001-01 Span Wire Mounted Signals and Flashing Beacon Installation
 880006-01 Traffic Signal Mounting Details
 886001-01 Detector Loop Installations

GENERAL NOTES

- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN 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.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

6. ALL SAWCUTS FOR THE PROPER EXECUTION OF WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE APPLICABLE REMOVAL ITEMS.

7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF GRAYSLAKE, LAKE COUNTY AND THE LOCAL TOWNSHIPS.

8. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I AND TYPE II BARRICADE USED, ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

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

10. USE NO. 25 (#8) EPOXY-COATED TIE BARS CONFORMING TO ART. 1006.10 (A)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR AS SHOWN ON STATE STANDARD 420001 AND FOR TIEING PC CONCRETE WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.

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

12. ROADWAY CROSS SECTIONS MAY DIFFER IN SOME DETAILS FROM THE TYPICAL SECTIONS. REFER TO THE TYPICAL SECTIONS IN SUCH CASES.

- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE DEPARTMENT'S GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSUITABLE SOILS SHOULD BE TESTED WITH A DYNAMIC OR STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 202.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE PLAT OF HIGHWAYS WAS PREPARED IN METRIC AND THE PLANS ARE IN ENGLISH.
- THE ENGINEER SHALL CONTACT MS. DEBBIE HANLON, AREA TRAFFIC FIELD TECHNICIAN, AT (847) 438-2300 TWO WEEKS PRIOR TO INSTALLATION OF ANY PERMANENT MARKINGS.
- IN ADDITION TO ALL THE REQUIRED PERMITS STATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE A CASH PERMIT BOND FROM THE LIBERTYVILLE TOWNSHIP AND SHALL NAME THE SAID TOWNSHIP AS ADDITIONAL INSURED PARTY ON THE CERTIFICATE OF INSURANCE. COPIES OF THE CERTIFICATE OF INSURANCE SHALL BE PROVIDED TO THE ENGINEER AND LIBERTYVILLE TOWNSHIP.

COMMITMENTS

- ALLOWANCES OF PASSENGER CAR U-TURNS, PRIMARILY FOR RESIDENTIAL AND LIMITED COMMERCIAL ACCESS ALONG CORRIDOR. U-TURN MANEUVERS OF PASSENGER CARS WILL BE ACCOMMODATED AT ALL INTERSECTIONS THROUGHOUT THE PROJECT, AND OTHER SPECIFIED LOCATIONS, UNLESS INDICATED OTHERWISE ON THE PROPOSED PLAN DUE TO POTENTIAL UNUSUAL CONFLICTS.
- TEMPORARY FENCE SHALL BE PLACED ALONG THE CONSTRUCTION LIMITS TO KEEP WORKERS AND EQUIPMENT OUT OF WOODED AREAS. LIMITS ARE APPROXIMATELY STA 253+70 TO STA 255+70 RT, STA 289+25 TO STA 295+10 RT, STA. 301+20 TO STA. 302+20 RT, STA. 306+40 TO STA. 308+50 RT, AND STA. 322+60 TO STA. 323+00 RT. THEREFORE, A QUANTITY OF 1,164 LF OF TEMPORARY FENCE HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES TO ACCOUNT FOR TEMPORARY FENCE AT THESE LOCATIONS. ALL OTHER TEMPORARY FENCE NEEDED SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- EROSION CONTROL POLICY AND PROCEDURES IN DESIGN MEMORANDUM No. 94-42/CONSTRUCTION MEMORANDUM No. 94-60 (JUNE 1, 1994) ARE TO BE FOLLOWED DURING CONSTRUCTION. TEMPORARY FENCES WILL BE INSTALLED ALONG THE CONSTRUCTION LIMITS ADJACENT TO ALL OF THE WETLANDS TO PREVENT DAMAGE FROM EQUIPMENT OR PERSONNEL. THE STORMWATER POLLUTION PREVENTION PLAN AND PROVISIONS FOR EROSION CONTROL WILL BE INCORPORATED INTO THE CONSTRUCTION PLANS. PAY QUANTITIES FOR THIS WORK ARE PROVIDED.
- THE DEPARTMENT SHALL PROTECT AND PRESERVE ROADSIDE TREES ALONG STATE HIGHWAYS TO THE FULLEST EXTENT POSSIBLE CONSISTENT WITH STANDARDS OF HIGHWAY SAFETY. SPECIAL ATTENTION SHOULD BE MADE TO PROTECT THE SILVER MAPLE LOCATED AT STA. 295+93 (R) FROM GRADING AND SHAPING OF THE EXISTING DRIVEWAY. WHERE TREES MUST BE REMOVED, THE DEPARTMENT SHALL PURSUE OPPORTUNITIES FOR PROVIDING REPLACEMENT TREES IN SUITABLE LOCATIONS.
- THE PHASE II DESIGN SHALL BE COORDINATED WITH THE ON-GOING PRELIMINARY SITE INVESTIGATION (PSI) FOR HAZARDOUS AND NON-HAZARDOUS SPECIAL WASTE.

DISTRICT ONE STANDARDS * INCLUDED AS PLAN SHEETS 117-134A.

DRAWING NO.	TITLE
BD01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 4.5 M (15 FT.)
BD02	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS GREATER THAN 4.5 M (15 FT.)
BD03	OUTLET FOR CONCRETE CURB AND GUTTER
BD12	MANHOLE WITH RESTRICTOR PLATE
BD22	PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT
BD32	BUTT JOINTS AND BITUMINOUS TAPER
BD34	STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TBT TY. 1 SPL.
BD37	MANHOLE TYPE A 7 FT. DIAMETER
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT 1 TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC22	TEMPORARY INFORMATION SIGNING
TS05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS07	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING
TS08	EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION & SEQUENCE OF OPERATION AND RAILROAD PREEMPTION SEQUENCE OF OPERATION

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS AND COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	2	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT

Rev.

DRAINAGE AND UTILITY GENERAL NOTES

1. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR MUST CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL UTILITIES WHICH MAY IMPACT THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE MUST BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION MUST BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ANY AND ALL SURFACE AND UNDERGROUND UTILITIES, EVEN THOUGH THEY MAY NOT BE IDENTIFIED ON THE PLANS.

3. THE CONTRACTOR MUST MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS WITHIN THE PROJECT LIMITS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE ITEMS ARE DISTURBED, THE CONTRACTOR MUST PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR MUST PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR MUST PROVIDE AND MAINTAIN A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

4. DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT MUST BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES (NEW AND EXISTING) MUST BE FREE OF ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

5. THE CONTRACTOR SHALL PROTECT NEW DRAINAGE STRUCTURES FROM THE ENTRY OF ERODED SOILS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

6. STORM SEWER PLUGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PIPE REMOVAL ITEMS AND WILL NOT BE PAID SEPARATELY.

7. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE TO ALL INLETS, CATCH BASINS, AND OPEN MANHOLES.

8. GRATES SHALL BE INSTALLED WITH THE VANES ORIENTED AS DIRECTED BY THE RESIDENT ENGINEER.

9. ALL TEMPORARY OR PERMANENT CONNECTIONS OF SEWERS AND UNDERDRAINS TO PROPOSED AND EXISTING DRAINAGE STRUCTURES, INCLUDING ANY NEW HOLES REQUIRED IN THE DRAINAGE STRUCTURE MUST BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED STORM SEWER OR PIPE UNDERDRAIN ITEM. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

10. STATION, OFFSET, AND RIM ELEVATION VALUES GIVEN FOR EXISTING STRUCTURES REPRESENT THE APPROXIMATE CENTER OF THE EXISTING CASTING.

11. STATION, OFFSET, AND RIM ELEVATION VALUES GIVEN FOR PROPOSED DRAINAGE STRUCTURES REPRESENT THE CENTER OF THE CASTING EXCEPT WHERE THE PROPOSED STRUCTURES ARE LOCATED AT THE CURB LINE. STATION, OFFSET, AND RIM ELEVATION VALUES GIVEN FOR PROPOSED DRAINAGE STRUCTURES AT THE CURB LINE ARE TO THE EDGE OF PAVEMENT. STATION, OFFSET, AND RIM ELEVATION VALUES GIVEN FOR PROPOSED FLARED END SECTIONS REPRESENT THE LOCATION OF THE JUNCTION OF THE PIPE WITH THE HEADWALL.

12. TOP OF FRAME ELEVATIONS ON DRAINAGE STRUCTURES MUST BE MODIFIED TO MEET FINISHED SHOULDER AND CURB AND GUTTER FLOWLINE ELEVATIONS AS DIRECTED BY THE ENGINEER.

13. THE CONTRACTOR SHALL USE FLAT TOP SLABS IN LIEU OF CONICALLY TAPERED TOPS FOR MANHOLES AND CATCHBASINS WHEREVER NECESSARY TO AVOID CONFLICTS WITH EXISTING UTILITIES. FLAT SLAB TOPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE UNIT COST OF THE ASSOCIATED DRAINAGE STRUCTURES.

14. ANY DEWATERING OR FLOW DIVERSION PLAN MUST BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	3	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	1000-2A ROADWAY
				80% FED 20% STATE				100% STATE
				1000-2A	Y031-1E	Y031-1E	Y031-1E	1000-2A
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	430	430				
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	299	299				
20101000	TEMPORARY FENCE	FOOT	1,164	1,164				
20101100	TREE TRUNK PROTECTION	EACH	32	32				
20200100	EARTH EXCAVATION	CU YD	35,586	35,586				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	672	672				
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	2,663	2,663				
20800150	TRENCH BACKFILL	CU YD	1,321	1,321				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,358	7,358				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,925	6,617				308
* 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	3,298	3,298				
* 21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	9,680	9,680				
21301048	EXPLORATION TRENCH 48" DEPTH	FOOT	1,000	1,000				
* 25000210	SEEDING, CLASS 2A	ACRE	10	10				
* 25000312	SEEDING, CLASS 4A	ACRE	2	2				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	947	947				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	947	947				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	947	947				
* 25000775	SELECTIVE MOWING STAKES	EACH	74	74				
* 25100630	EROSION CONTROL BLANKET	SQ YD	58,080	58,080				
* 25200110	SODDING, SALT TOLERANT	SQ YD	3,797	1,947				1,850
* 25200200	SUPPLEMENTAL WATERING	UNIT	518	502				16
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20,000	20,000				

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JRH	REVISED -						344	(46-1S&47)WRS-3	LAKE	176	4
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		SCALE: NONE	SHEET NO. 1	OF 11	SHEETS	STA.	TO STA.	U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO.	
	PLOT DATE = #DATE#	DATE - 01-03-08	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				J000-2A ROADWAY 80% FED 20% STATE	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	I000-2A ROADWAY 100% STATE
* 28000300	TEMPORARY DITCH CHECKS	EACH	67	67				
* 28000310	AGGREGATE DITCH CHECKS	EACH	67	67				
* 28000400	PERIMETER EROSION BARRIER	FOOT	5,148	5,148				
28000510	INLET FILTERS	EACH	119	102				17
28100107	STONE RIPRAP, CLASS A4	SQ YD	89	89				
28200200	FILTER FABRIC	SQ YD	89	89				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	864	864				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	259	259				
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	3,500	3,500				
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	356	356				
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	350	350				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,605	3,409				1,196
40600300	AGGREGATE (PRIME COAT)	TON	93	69				24
40600895	CONSTRUCTING TEST STRIP	EACH	2	0				2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	412	412				
40600990	TEMPORARY RAMP	SQ YD	204	204				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	486	486				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	449	93				356
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	137	137				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	527	527				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1,284	93				1,191
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	509					509
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	45,282	45,282				
42001300	PROTECTIVE COAT	SQ YD	55,208	55,208				

* INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-15&47)WRS-3	LAKE	176	5	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.					
	PLOT DATE = #DATE#	DATE - 01-03-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: NONE	SHEET NO. 2 OF 11 SHEETS		STA.	TO STA.		

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	1000-2A ROADWAY
				80% FED 20% STATE				100% STATE
44000100	PAVEMENT REMOVAL	SQ YD	46,107	46,107				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,196	1,196				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	12,933	350				12,583
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,751	1,751				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,952	2,102				1,850
44002218	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/2"	SQ YD	2,826					2,826
44002500	GUTTER OUTLET REMOVAL	EACH	2	2				
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,725	1,725				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	3,975	3,975				
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	590	90				500
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	840	90				750
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	965	90				875
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	740	70				670
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,629	1,629				
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	789	789				
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	300	300				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	120	120				
50104400	CONCRETE HEADWALL REMOVAL	EACH	7	7				
50105220	PIPE CULVERT REMOVAL	FOOT	822	822				
54010202	PRECAST CONCRETE BOX CULVERT 2' X 2'	FOOT	35	35				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	197	197				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	12	12				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2				

* INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JRH	REVISED -		SCALE:	SHEET NO. 3 OF 11 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	6
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.								
	PLOT DATE = #DATE#	DATE - 01-03-08	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				J000-2A ROADWAY 80% FED 20% STATE	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	J000-2A ROADWAY 100% STATE
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	3	3				
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	1	1				
54247100	GRATING FOR CONCRETE FLARED END SECTION 15"	EACH	12	12				
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	2	2				
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1				
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	3	3				
54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 24"	EACH	1	1				
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	151	151				
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	199	199				
55020300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	302	302				
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	3,631	3,631				
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	572	572				
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	34	34				
55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	663	663				
55022400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	228	228				
55022600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 48"	FOOT	879	879				
55022700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 54"	FOOT	584	584				
55022800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II 60"	FOOT	303	303				
55024900	STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 60"	FOOT	194	194				
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	80	80				

* INDICATES SPECIALTY ITEM

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 4 OF 11 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	7
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO.						
		DATE - 01-03-08	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	1000-2A ROADWAY
				80% FED 20% STATE				100% STATE
55034700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 53, RISE 34	FOOT	179	179				
55034900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 68, RISE 43	FOOT	386	386				
55035800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 53, RISE 34	FOOT	547	547				
55039700	STORM SEWERS TO BE CLEANED	FOOT	500	0				500
55100500	STORM SEWER REMOVAL 12"	FOOT	80	80				
55101200	STORM SEWER REMOVAL 24"	FOOT	210	210				
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	0					
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4	4				
60107600	PIPE UNDERDRAINS 4"	FOOT	3,102	3,102				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3				
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	10	10				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	48	48				
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7				
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16				
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5				
60231700	MANHOLES, SPECIAL, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4				
60232900	MANHOLES, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	13				
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	0	0				
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2				
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	54	54				

* INDICATES SPECIALTY ITEM

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 5 OF 11 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	8
		CHECKED - JW	REVISED -						U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.				
		DATE - 01-03-08	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY 80% FED 20% STATE	TRAFFIC SIGNALS - CASEY RD	TRAFFIC SIGNALS - ARBOR BLVD	TRAFFIC SIGNAL INTERCONNECT	1000-2A ROADWAY 100% STATE
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5				
60255500	MANHOLES TO BE ADJUSTED	EACH	0					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5				
60500040	REMOVING MANHOLES	EACH	1	1				
60500050	REMOVING CATCH BASINS	EACH	4	4				
60500060	REMOVING INLETS	EACH	1	1				
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	8				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,454	1,454				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	15,927	14,077				1,850
60611600	COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)	FOOT	12,385	12,385				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,788	3,788				
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	5,747	5,747				
60624600	CORRUGATED MEDIAN	SQ FT	228	228				
* 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	338	338				
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2				
* 63200310	GUARDRAIL REMOVAL	FOOT	560	560				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24				
67100100	MOBILIZATION	L SUM	1	1				
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	360	360				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24				
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	218	218				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	65,964	56,884				9,080

* INDICATES SPECIALTY ITEM

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 6 OF 11 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	9
		CHECKED - JW	REVISED -		U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
		DATE - 01-03-08	REVISED -										

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY 80% FED 20% STATE	Y031-1F TRAFFIC SIGNALS - CASEY RD 51. LIBERTYVILLE 80% FED 10% STATE 5% LAKE CTY	Y031-1F TRAFFIC SIGNALS - ARBOR BLVD 51. WARREN TWP. 80% FED 10% STATE 5% GRAYSLAKE	Y031-1F TRAFFIC SIGNAL INTERCONNECT 80% FED 20% STATE	1000-2A ROADWAY 100% STATE
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	570	570				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	710	710				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	204	204				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	23,997	22,780				1,217
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,391	1,391				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	693	693				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	153	94	29	30		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	28			28		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	399	399				
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	399	399				
* 72900100	METAL POST - TYPE A	FOOT	400	400				
* 72900200	METAL POST - TYPE B	FOOT	80	80				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	188	115				73
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,411	4,213				1,198
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	2,650	2,650				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	509	244				265
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	367	367				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	101	40				61
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	250	250				
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4,258	4,258				
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	116	116				
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,160	1,160				
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	378	378				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	614	464				150

* INDICATES SPECIALTY ITEM

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 10
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 7 OF 11 SHEETS	STA.	TO STA.	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.				
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE - 01-03-08	REVISED -										

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				J000-2A ROADWAY	Y031-IF TRAFFIC SIGNALS - CASEY RD 51. LIBERTYVILLE	Y031-IF TRAFFIC SIGNALS - ARBOR BLVD 51. WARREN TWP.	Y031-IF TRAFFIC SIGNAL INTERCONNECT	I000-2A ROADWAY
				80% FED 20% STATE	80% FED 10% STATE 5% LAKE CTY	80% FED 10% STATE 5% GRAYSLAKE	80% FED 20% STATE	100% STATE
78300100	PAVEMENT MARKING REMOVAL	SQ FT	8,170	8,170				
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	7,414		524	505	6,385	
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	115		55	60		
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	134		60	74		
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	294		107	55	132	
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	512		257	255		
* 81400100	HANDHOLE	EACH	24		7	8	9	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	3		2	1		
* 81400300	DOUBLE HANDHOLE	EACH	2		1	1		
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7,663		639	639	6,385	
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2		1	1		
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2		1	1		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C **	FOOT	744		304	440		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,734		874	860		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,344		1,646	1,698		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,460		1,948	2,512		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	95		86	9		
* X0326291	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 ^{FT.} AND 42 ^{FT.}	EACH	2		2	0		
* X0326290	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 ^{FT.} AND 38 ^{FT.}	EACH	1		1	0		
* X0326292	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 14 ^{FT.} AND 46 ^{FT.}	EACH	1		1	0		
* 877002190	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 ^{FT.} AND 28 ^{FT.}	EACH	1		0	1		
* X0326293	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 ^{FT.} AND 26 ^{FT.}	EACH	1		0	1		
* 87702360	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 26 ^{FT.} AND 40 ^{FT.}	EACH	1		0	1		
* 87702550	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 ^{FT.} AND 40 ^{FT.}	EACH	1		0	1		

** PAID FOR 100% BY GRAYSLAKE FIRE PROTECTION DISTRICT Y031-37

* INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JRH	REVISED -					344	(46-1S&47)WRS-3	LAKE	176	11
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		SCALE: NONE			SHEET NO. 8 OF 11 SHEETS STA. TO STA.			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.	
	PLOT DATE = #DATE#	DATE - 01-03-08	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				1000-2A ROADWAY	Y031-1P TRAFFIC SIGNALS - CASEY RD 51. LIBERTYVILLE	Y031-1P TRAFFIC SIGNALS - ARBOR BLVD 51. WARREN TWP.	Y031-1P TRAFFIC SIGNAL INTERCONNECT	1000-2A ROADWAY
				80% FED 20% STATE	80% FED 10% STATE 5% LAKE CTY	80% FED 10% STATE 5% GRAYSLAKE	80% FED 20% STATE	100% STATE
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		4	4		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	120		60	60		
* 87900200	DRILL EXISTING HANDHOLE	EACH	1				1	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8		4	4		
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	4		0	4		
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12		8	4		
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	24		12	12		
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	20		10	10		
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	68		0	68		
* 88700200	LIGHT DETECTOR **	EACH	5		2	3		
* 88700300	LIGHT DETECTOR AMPLIFIER **	EACH	2		1	1		
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	2			2		
* A2000320	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10				
* A2002816	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9				
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	17				
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9				
* A2005556	TREE, NYSSA SYLVATICA (BLACK TUPELO), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	11	11				
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19				
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	20	20				
* A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	21	21				

** PAID FOR 100% BY GRAYSLAKE FIRE PROTECTION DISTRICT - Y031-1D

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 12
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 9 OF 11 SHEETS	STA.	TO STA.	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -										
		DATE - 01-03-08	REVISED -										

CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				J000-2A ROADWAY	Y031-1F TRAFFIC SIGNALS - CASEY RD	Y031-1F TRAFFIC SIGNALS - ARBOR BLVD	Y031-1F TRAFFIC SIGNAL INTERCONNECT	J000-2A ROADWAY
				80% FED 20% STATE	80% FED 10% STATE 5% LAKE CTY 5% LIBERTYVILLE	80% FED 10% STATE 5% GRAYSLAKE 5% WARREN TWP	80% FED 20% STATE	100% STATE
* B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	10	10				
* B2002666	TREE, MALUS ADAMS (ADAMS CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	15	15				
* B2003366	TREE, MALUS DONALD WYMAN (DONALD WYMAN CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	14	14				
* B2005466	TREE, PRUNUS VIRGINIANA SCHUBERT (SCHUBERT CHOKEBERRY), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10				
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	14	14				
* B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	13	13				
* B2006366	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10				
* X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51	51			0	
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,590				6,590	
* X0323670	PREFORMED DETECTOR LOOP	FOOT	1,768		1,062	706		
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	45,708	45,708				
X0325837	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 6 INCH	FOOT	1,141	1,141				
X0325840	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	527	527				
X0325841	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	533	533				
X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	582	582				
* X0325890	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1				1	
X0712400	TEMPORARY PAVEMENT	SQ YD	10,285	10,285				
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	3,725	3,725				
* X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1		1			
* X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1			1		
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	2		1	1		

* INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
%FILEL#		DRAWN - JRH	REVISED -		344	(46-1S&47)WRS-3	LAKE	176	13				
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		SCALE: NONE SHEET NO. 10 OF 11 SHEETS STA. TO STA.				U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO.				
	PLOT DATE = #DATE#	DATE - 01-03-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

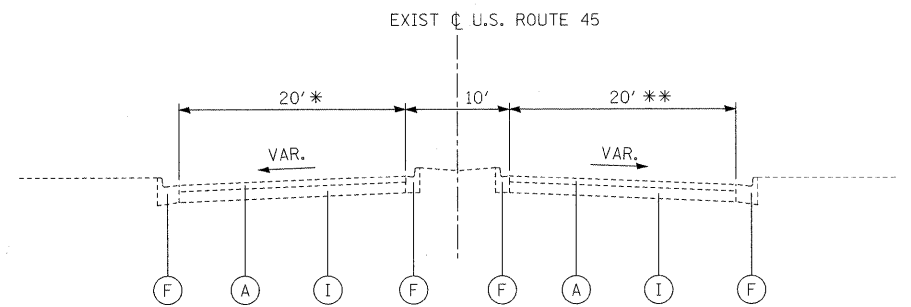
CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				J000-2A ROADWAY	Y031-1F TRAFFIC SIGNALS - CASEY RD 51. LIBERTYVILLE	Y031-1F TRAFFIC SIGNALS - ARBOR BLVD 51. WARREN TWP	Y031-1F TRAFFIC SIGNAL INTERCONNECT	ROADWAY
				80% FED 20% STATE	80% FED 10% STATE 5% LAKE CTY	80% FED 10% STATE 5% GRAYSLAKE	80% FED 20% STATE	I000-2A 100% STATE
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO 6 1C	FOOT	2,129		1,096	1,033		
* X8730275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C **	FOOT	744		304	440		
* XX003660	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F	FOOT	6,590				6,590	
54247090	GRATING FOR CONCRETE FLARED END SECTION, 12"	EACH	8	8				
XX005656	INLET FILTER CLEANING	EACH	600					600
* XX005746	TREE, ULMUS AMERICANA (AMERICAN ELM) 2" CALIPER, BALLED AND BURLAPPED	EACH	17	17				
XZ030260	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6				
XZ030256	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4				
XZ030258	IMPACT ATTENUATORS, REPLACEMENT (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2				
Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	63,979	63,979				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	42	20				22
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	11					11
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	743	743				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0				1
* A2007252	TREE, ROBINIA PSEUDOCACIA 'CHICAGO BLUE', (CHICAGO BLUE BLACK LOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	14	14				
20070600	TRAINEES	HOUR	2000	2000				
X0326289	MANHOLES, SPECIAL, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9				

** PAID FOR 100% BY GRAYSLAKE FIRE PROTECTION DISTRICT y031-37

© - Y080

* INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 11 OF 11 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	14
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		U.S. ROUTE 45 RECONSTRUCTION				CONTRACT NO.				
	PL01 DATE = #DATE#	DATE - 01-03-08	REVISED -		ILLINOIS FED. AID PROJECT								

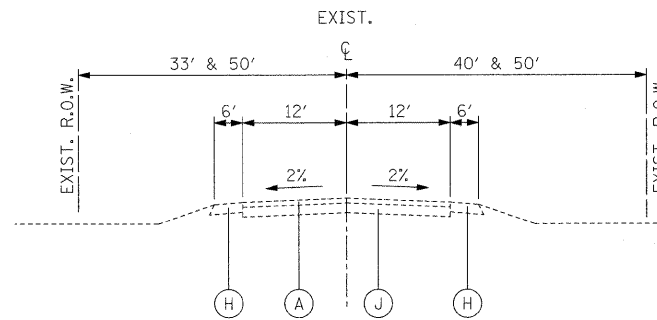


* VARIES 20' - 48' AT INTERSECTION WITH TEMPEL DRIVE

EXISTING TYPICAL SECTION

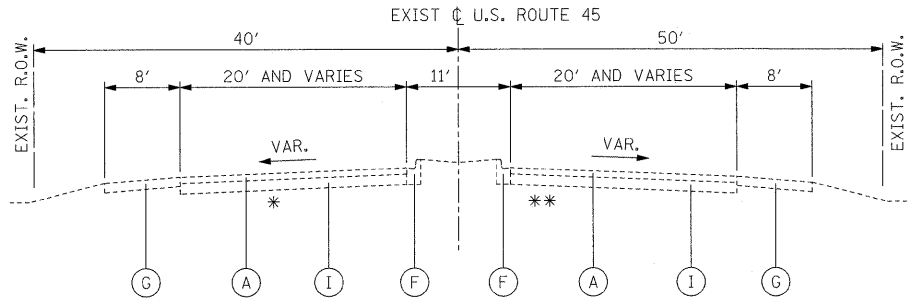
U.S. ROUTE 45
STA. 228+00 TO STA. 251+25

** VARIES 20' - 24' AT INTERSECTION WITH TEMPEL DRIVE



EXISTING TYPICAL SECTION

CASEY ROAD
STA. 4+60.44 TO STA. 10+00

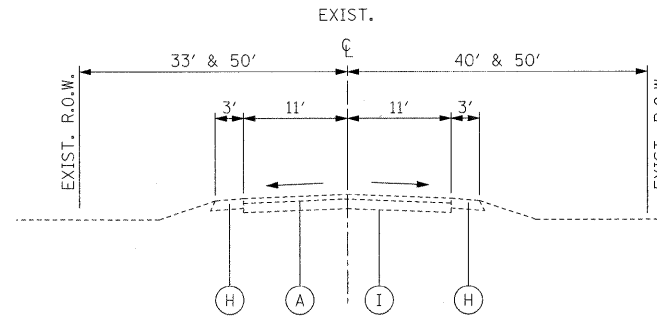


* PAVEMENT REMOVAL FROM STA. 254+00 TO 257+00 ONLY

EXISTING TYPICAL SECTION

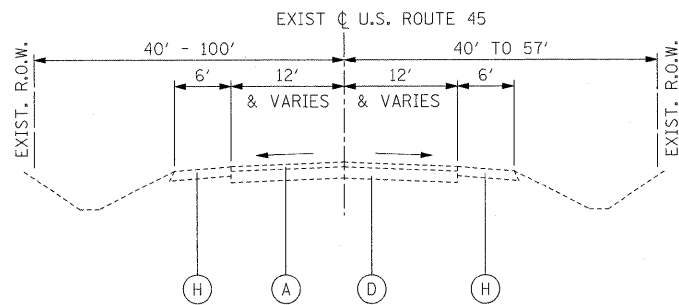
U.S. ROUTE 45
STA. 251+25 TO STA. 257+00.00

** PAVEMENT REMOVAL FROM STA. 253+00 TO STA. 257+00 ONLY; BIT SURFACE REMOVAL FROM STA. 251+24.47 TO STA. 253+00



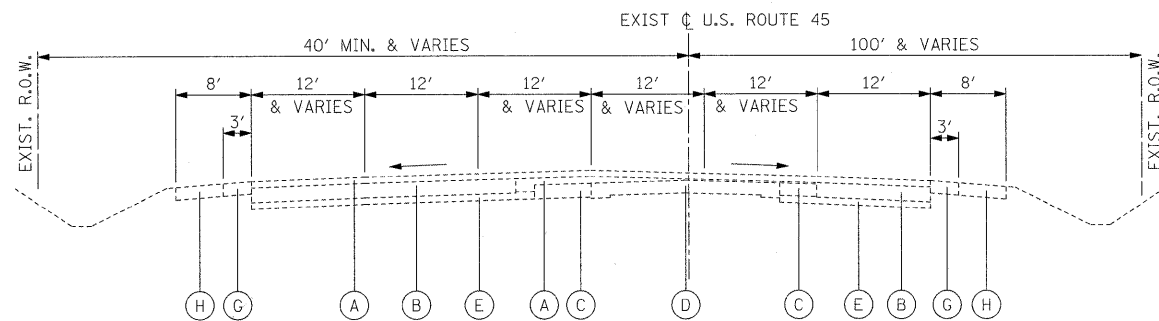
EXISTING TYPICAL SECTION

CASEY ROAD (EAST) & ARBOR/JONES POINT ROAD
STA. 10+00 TO STA. 16+21.75



EXISTING TYPICAL SECTION

U.S. ROUTE 45
STA. 257+00.00 TO STA. 320+00.00



EXISTING TYPICAL SECTION

U.S. ROUTE 45
STA. 320+00 TO STA. 329+53

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE VARIES 3" TO 7"
- (B) HOT-MIX ASPHALT CONCRETE BASE COURSE, 9" AND VARIES
- (C) P.C. CONCRETE BASE COURSE WIDENING, 9" AND VARIES
- (D) P.C. CONCRETE PAVEMENT, 10"-8"-10"
- (E) AGGREGATE SUB-BASE, 4" AND VARIES
- (F) COMBINATION CONCRETE CURB AND GUTTER
- (G) HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- (H) AGGREGATE SHOULDER, 8" AND VARIES
- (I) CONCRETE BASE COURSE
- (J) AGGREGATE SUB-BASE, 8"

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -
#FILE#		DRAWN - JRH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	15
U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② AGGREGATE SUBGRADE, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ CONCRETE MEDIAN, TYPE SB-6.12
- ⑧ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 420001 (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 606001 (INCLUDED IN COST OF CONCRETE CURB AND GUTTER OR MEDIAN)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30-INCH EPOXY COATED DEFORMED TIE BAR @ 30" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑪ DRILL AND GROUT DOWEL BARS (24" C-C SPACING)
- ⑫ HOT-MIX ASPHALT BASE COURSE, 10"
- ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ 4" Ø PIPE UNDERDRAIN
- ⑲ SODDING, SALT TOLERANT, OR SEEDING AS NOTED ON PLANS
- ⑳ 4" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT)
- ㉑ 24" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT OR TOPSOIL FURNISH AND PLACE, 24")
- ㉒ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10 1/4")
- ㉓ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")

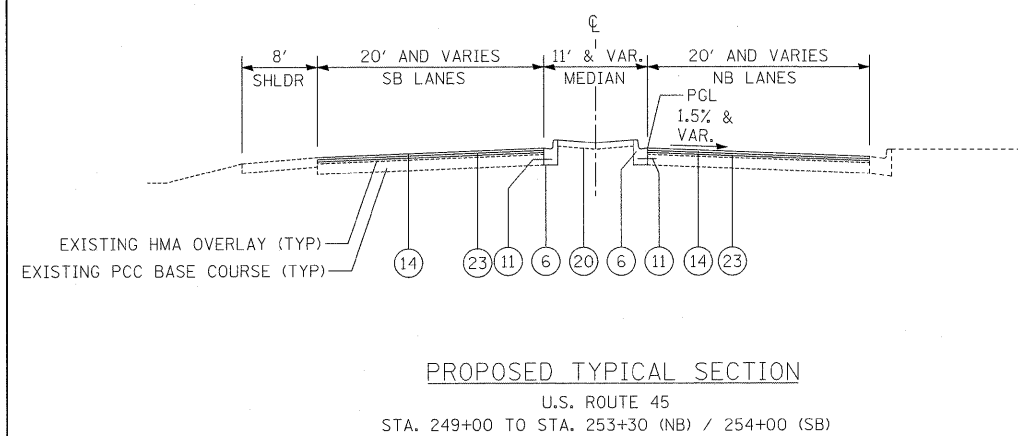
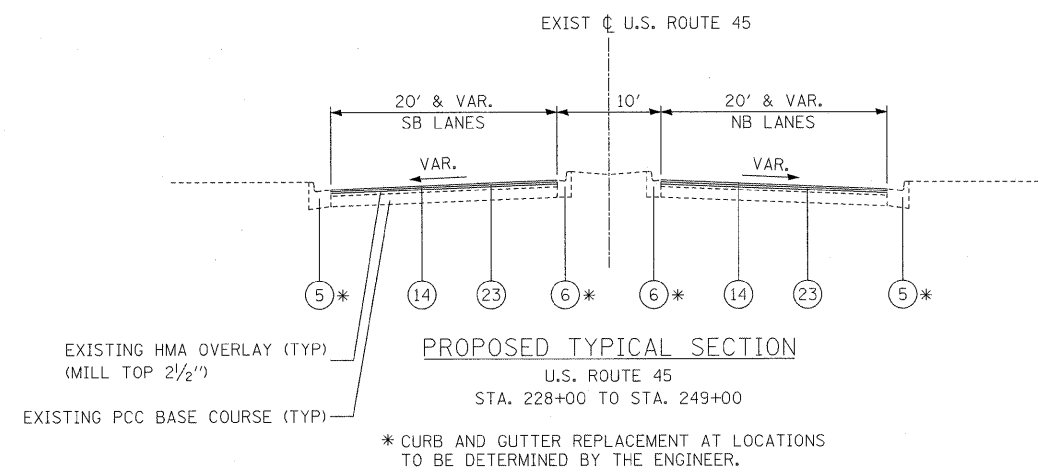
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

FOR TEMP PAVEMENT HMA TABLE, SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS.

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22*	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 6"	PG 64-22*	4% @ 70 GYR
WIDENING- CASEY ROAD		
HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	PG 64-22*	4% @ 70 GYR
WIDENING- US ROUTE 45		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	PG 70-22	4% @ 90 GYR
RESURFACING- US ROUTE 45		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
PATCHES		
CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR
SHOULDERS		
HMA SHOULDERS, 6" (SEE NOTE 4)	PG 64-22*	2% @ 30 GYR
HMA SHOULDERS, 8" (SEE NOTE 4)	PG 64-22*	2% @ 30 GYR
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL 9.5mm) 2"	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm); PE-6", CE-8"	PG 64-22*	4% @ 50 GYR

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

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



NOTES:

1. THE LOCATION OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) IS SHOWN IN THE CROSS SECTIONS. WHEN GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS SPECIFIED IT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF SUBGRADE MATERIAL. REFER TO THE SCHEDULE OF QUANTITIES FOR LOCATIONS.
2. FOR LOCATION OF UNDERDRAIN, SEE TABLE PROVIDED IN DRAINAGE PLANS. THE OUTFALL TO DRAINAGE STRUCTURE IS LISTED IN TABLES. WHEN A SPECIAL OUTLET IS USED, INSTALL PER STD. 601001.
3. ALL UNDERDRAIN TIE-INS TO STRUCTURES WILL BE INCLUDED IN THE PIPE UNDERDRAIN PAY ITEM.
4. HMA SHOULDERS, 8" USED ALONG NB US 45 BETWEEN STA. 255+80 AND STA. 257+30. HMA SHOULDERS, 6" USED AT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL LOCATIONS PER IDOT STANDARDS. PLEASE REFER TO THE ROADWAY PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

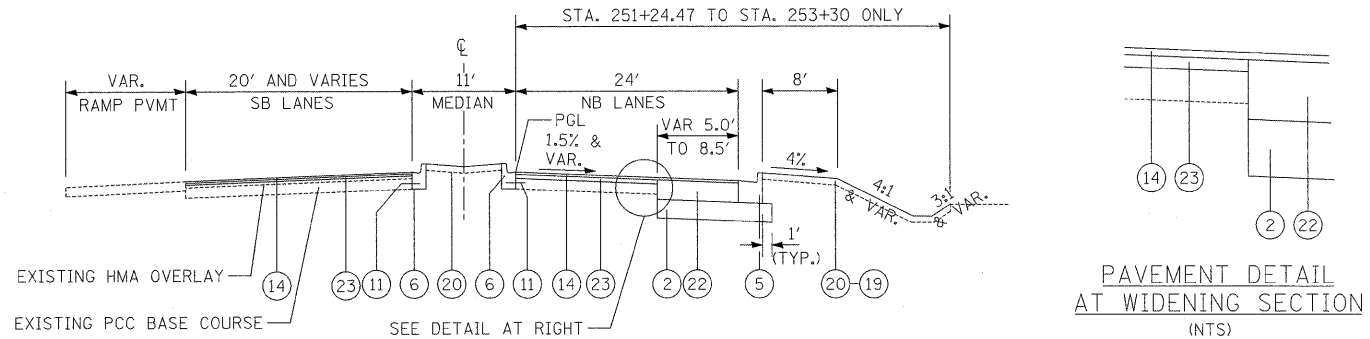
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS - U.S. ROUTE 45	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	16	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: NONE	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② AGGREGATE SUBGRADE, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ CONCRETE MEDIAN, TYPE SB-6.12
- ⑧ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 420001 (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 606001 (INCLUDED IN COST OF CONCRETE CURB AND GUTTER OR MEDIAN)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30-INCH EPOXY COATED DEFORMED TIE BAR @ 30" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑪ DRILL AND GROUT DOWEL BARS (24" C-C SPACING)
- ⑫ HOT-MIX ASPHALT BASE COURSE, 10"
- ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ 4" Ø PIPE UNDERDRAIN
- ⑲ SODDING, SALT TOLERANT, OR SEEDING AS NOTED ON PLANS
- ⑳ 4" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT)
- ㉑ 24" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT OR TOPSOIL FURNISH AND PLACE, 24")
- ㉒ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10 1/4")
- ㉓ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")

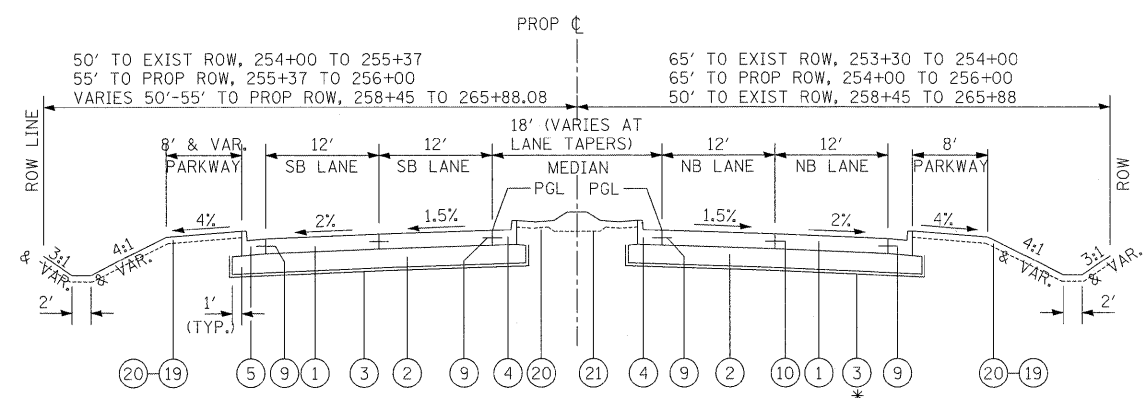
NOTES:

1. THE LOCATION OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) IS SHOWN IN THE CROSS SECTIONS. WHEN GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS SPECIFIED IT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF SUBGRADE MATERIAL. REFER TO THE SCHEDULE OF QUANTITIES FOR LOCATIONS.
2. FOR LOCATION OF UNDERDRAIN, SEE TABLE PROVIDED IN DRAINAGE PLANS. THE OUTFALL TO DRAINAGE STRUCTURE IS LISTED IN TABLES. WHEN A SPECIAL OUTLET IS USED, INSTALL PER STD. 601001.
3. ALL UNDERDRAIN TIE-INS TO STRUCTURES WILL BE INCLUDED IN THE PIPE UNDERDRAIN PAY ITEM.
4. HMA SHOULDERS, 8" USED ALONG NB US 45 BETWEEN STA. 255+80 AND STA. 257+30. HMA SHOULDERS, 6" USED AT TRAFFIC BARRIER TERMINAL. TYPE 1 SPECIAL LOCATIONS PER IDOT STANDARDS. PLEASE REFER TO THE ROADWAY PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



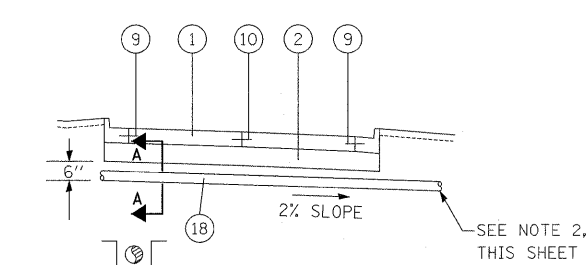
PROPOSED TYPICAL SECTION

U.S. ROUTE 45
STA. 251+30 TO STA. 253+30 (NB) / 254+00 (SB)

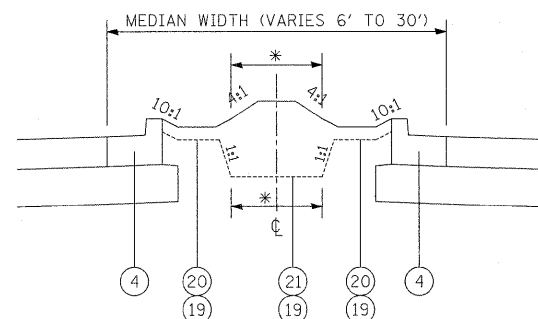


PROPOSED TYPICAL SECTION

U.S. ROUTE 45 * STA. 263+75 TO STA. 265+50 ONLY
STA. 253+30.00 (NB) / 254+00 (SB) TO STA. 256+00.00
STA. 258+45.00 TO STA. 265+88.08



PIPE UNDERDRAIN (TYPICAL)

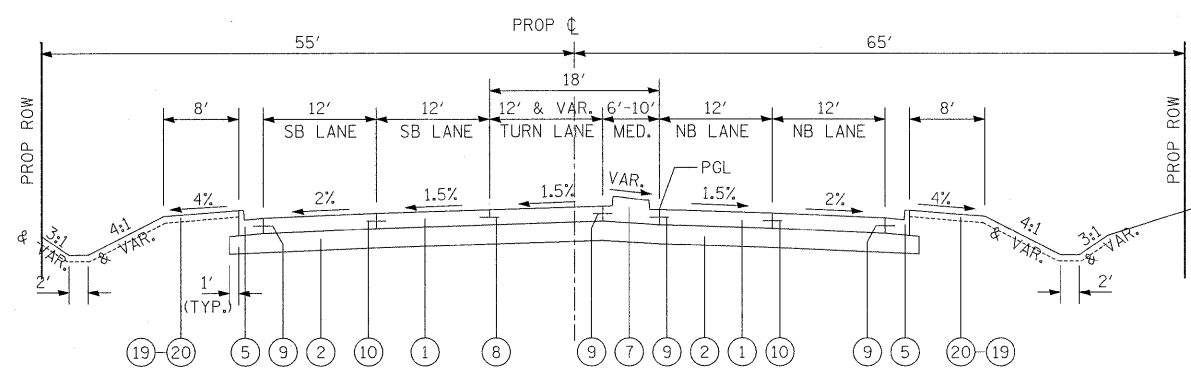


LANDSCAPED MEDIAN DETAIL

FOR INSTALLATION WHEN MEDIAN WIDTH IS 16' OR GREATER. OTHERWISE, 4" TOPSOIL SHALL BE INSTALLED FOR THE ENTIRE WIDTH, SLOPED TOWARD THE CL AT 4%.

EMBANKMENT MATERIAL SHALL BE USED TO BACKFILL THE AREA BETWEEN THE CURBS PRIOR TO PLACEMENT OF TOPSOIL ITEMS.

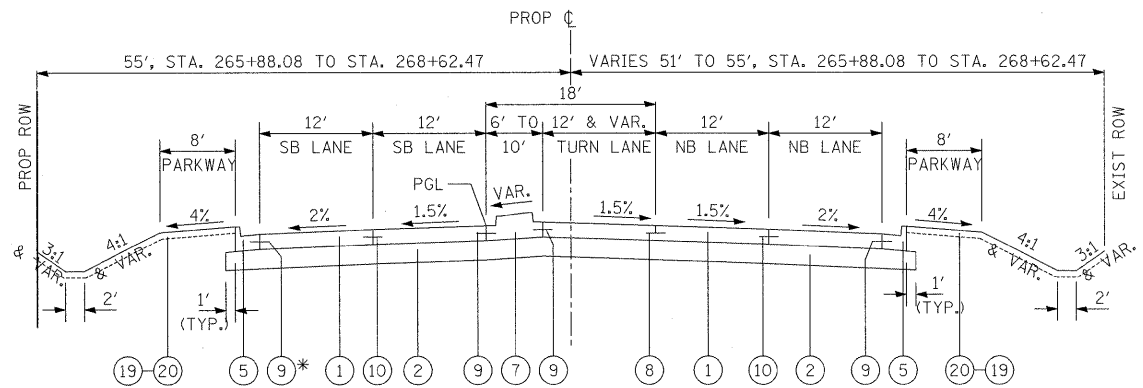
*WIDTH OF MEDIAN LANDSCAPING AREA AS INDICATED ON THE PLANS



PROPOSED TYPICAL SECTION

U.S. ROUTE 45
STA. 256+00.00 TO STA. 258+45.00

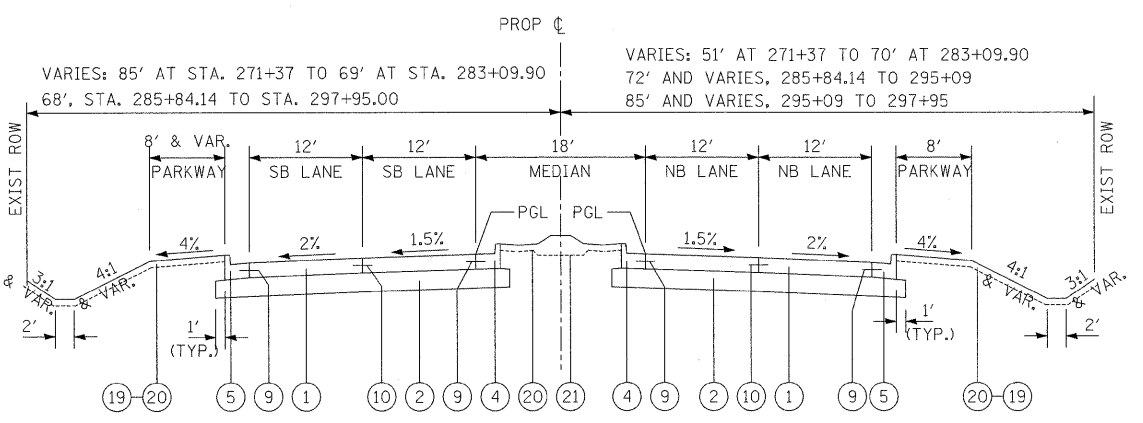
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS - U.S. ROUTE 45			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL#		DRAWN - JRH	REVISED -					344	(46-1S&47)WRS-3	LAKE	176	17
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -		U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957				
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -		SCALE: NONE	SHEET NO. 2 OF 5 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



PROPOSED TYPICAL SECTION

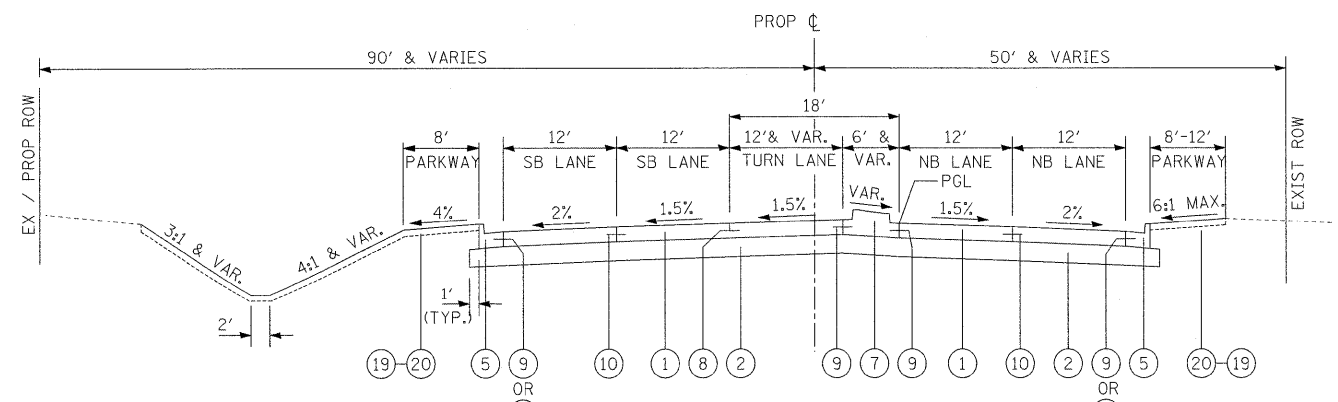
US 45 STA. 265+88.08 TO STA. 268+62.47
 STA. 283+09.90 TO STA. 285+84.14

* (8) AT PRAIRIE SMOKE ROAD,
 STA. 285+17 TO STA. 286+52



PROPOSED TYPICAL SECTION

US 45 STA. 271+37.00 TO STA. 283+09.90
 STA. 285+84.14 TO STA. 297+95.00



PROPOSED TYPICAL SECTION

US 45 STA. 268+62.47 TO STA. 271+37.00

* AT CASEY ROAD

PROPOSED LEGEND

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9/2" (JOINTED)
- 2 AGGREGATE SUBGRADE, 12"
- 3 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 4 COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 7 CONCRETE MEDIAN, TYPE SB-6.12
- 8 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 420001 (INCLUDED IN THE COST OF PCC PAVEMENT)
- 9 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 606001 (INCLUDED IN COST OF CONCRETE CURB AND GUTTER OR MEDIAN)
- 10 SAWED LONGITUDINAL JOINT WITH NO. 6 x 30-INCH EPOXY COATED DEFORMED TIE BAR @ 30" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)
- 11 DRILL AND GROUT DOWEL BARS (24" C-C SPACING)
- 12 HOT-MIX ASPHALT BASE COURSE, 10"
- 13 HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- 14 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")
- 15 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 3/4")
- 16 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- 17 AGGREGATE SHOULDERS, TYPE B 6"
- 18 4" Ø PIPE UNDERDRAIN
- 19 SODDING, SALT TOLERANT, OR SEEDING AS NOTED ON PLANS
- 20 4" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT)
- 21 24" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT OR TOPSOIL FURNISH AND PLACE, 24")
- 22 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10 1/4")
- 23 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3 3/4")

NOTES:

1. THE LOCATION OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) IS SHOWN IN THE CROSS SECTIONS. WHEN GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS SPECIFIED IT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF SUBGRADE MATERIAL. REFER TO THE SCHEDULE OF QUANTITIES FOR LOCATIONS.
2. FOR LOCATION OF UNDERDRAIN, SEE TABLE PROVIDED IN DRAINAGE PLANS. THE OUTFALL TO DRAINAGE STRUCTURE IS LISTED IN TABLES. WHEN A SPECIAL OUTLET IS USED, INSTALL PER STD. 601001.
3. ALL UNDERDRAIN TIE-INS TO STRUCTURES WILL BE INCLUDED IN THE PIPE UNDERDRAIN PAY ITEM.
4. HMA SHOULDERS, 8" USED ALONG NB US 45 BETWEEN STA. 255+80 AND STA. 257+30. HMA SHOULDERS, 6" USED AT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL LOCATIONS PER IDOT STANDARDS. PLEASE REFER TO THE ROADWAY PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

U.S. ROUTE 45 - MAINLINE PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: Year 2030
 PV = 35832 SU = 358 MU = 717
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32% S = 45% M = 45%
 TRAFFIC FACTOR: Actual TF = 4.13
 Minimum TF = 4.96
 SUBGRADE SUPPORT RATING:
 SSR = POOR (STA. 253+30 TO STA. 329+53)

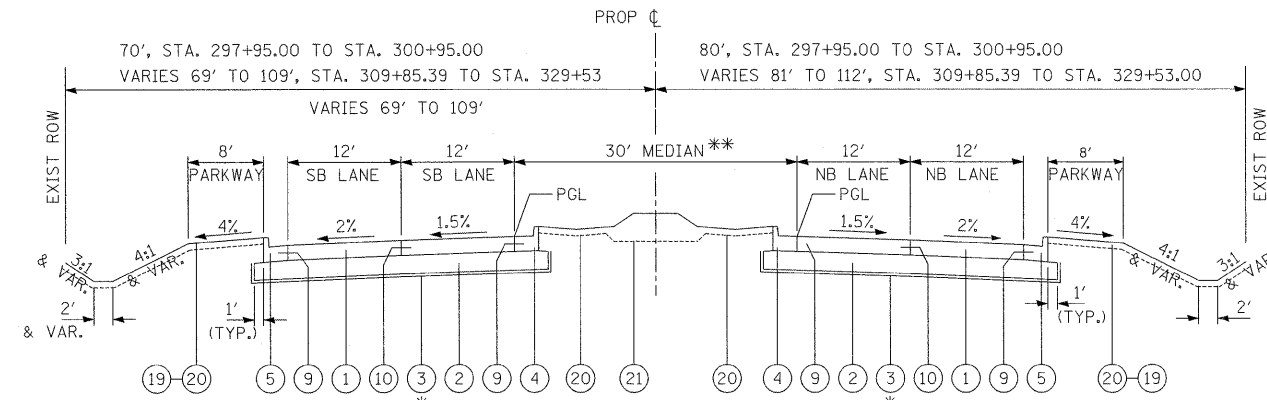
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -					344	(46-15&47)WRS-3	LAKE	176	18
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		SCALE: NONE SHEET NO. 3 OF 5 SHEETS STA. 265+88.08 TO STA. 297+55			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② AGGREGATE SUBGRADE, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ CONCRETE MEDIAN, TYPE SB-6.12
- ⑧ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 420001 (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 606001 (INCLUDED IN COST OF CONCRETE CURB AND GUTTER OR MEDIAN)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30-INCH EPOXY COATED DEFORMED TIE BAR @ 30" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑪ DRILL AND GROUT DOWEL BARS (24" C-C SPACING)
- ⑫ HOT-MIX ASPHALT BASE COURSE, 10"
- ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ 4" Ø PIPE UNDERDRAIN
- ⑲ SODDING, SALT TOLERANT, OR SEEDING AS NOTED ON PLANS
- ⑳ 4" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT)
- ㉑ 24" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT OR TOPSOIL FURNISH AND PLACE, 24")
- ㉒ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10 1/4")
- ㉓ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")

NOTES:

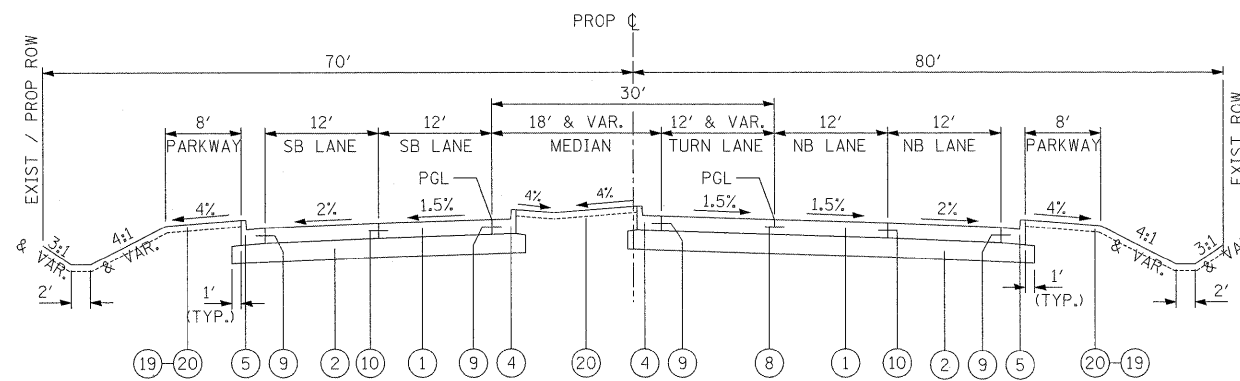
- 1. THE LOCATION OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) IS SHOWN IN THE CROSS SECTIONS. WHEN GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS SPECIFIED IT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF SUBGRADE MATERIAL. REFER TO THE SCHEDULE OF QUANTITIES FOR LOCATIONS.
- 2. FOR LOCATION OF UNDERDRAIN, SEE TABLE PROVIDED IN DRAINAGE PLANS. THE OUTFALL TO DRAINAGE STRUCTURE IS LISTED IN TABLES. WHEN A SPECIAL OUTLET IS USED, INSTALL PER STD. 601001.
- 3. ALL UNDERDRAIN TIE-INS TO STRUCTURES WILL BE INCLUDED IN THE PIPE UNDERDRAIN PAY ITEM.
- 4. HMA SHOULDERS, 8" USED ALONG NB US 45 BETWEEN STA. 255+80 AND STA. 257+30. HMA SHOULDERS, 6" USED AT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL LOCATIONS PER IDOT STANDARDS. PLEASE REFER TO THE ROADWAY PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



PROPOSED TYPICAL SECTION

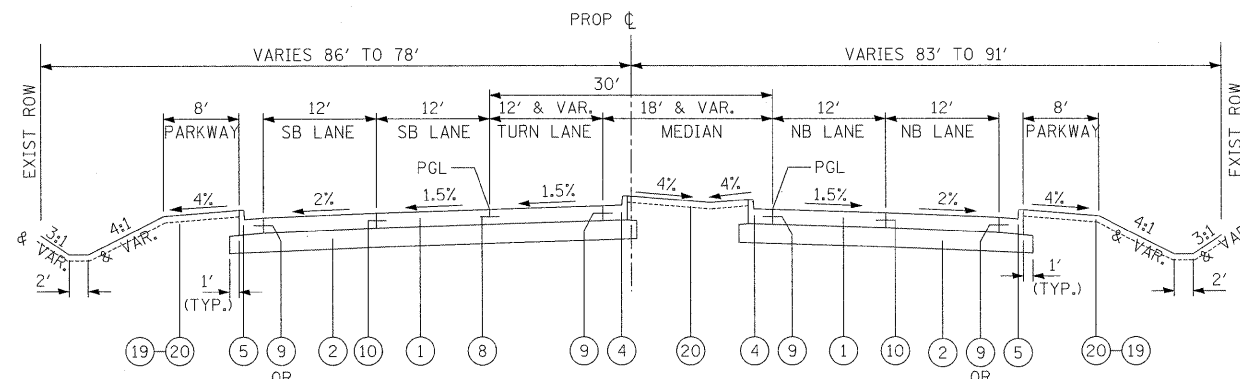
U.S. ROUTE 45
STA. 297+95.00 TO STA. 300+95.00
STA. 309+85.39 TO STA. 329+53.00

* FROM STA. 313+50 TO STA. 316+00 ONLY
** VARIES 12' TO 30' BETWEEN STA. 297+95.00 AND STA. 300+95.00



PROPOSED TYPICAL SECTION

U.S. ROUTE 45
STA. 300+95.00 TO STA. 305+39.61

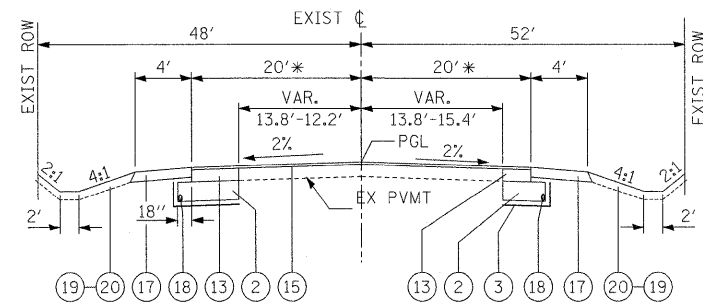


PROPOSED TYPICAL SECTION

U.S. ROUTE 45
STA. 305+39.61 TO STA. 309+85.39

* AT JONES POINT ROAD / ARBOR BLVD.

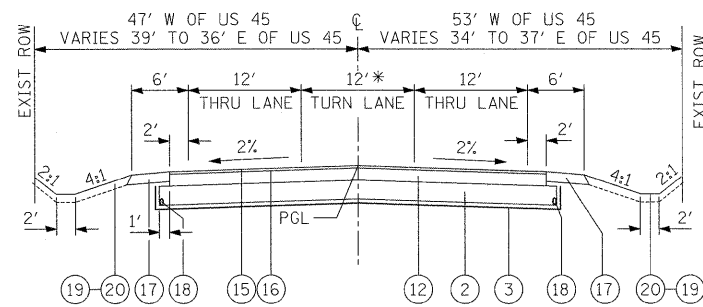
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	19	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			SCALE: NONE	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL SECTION

CASEY ROAD
STA. 4+60.44 TO STA. 8+50.11

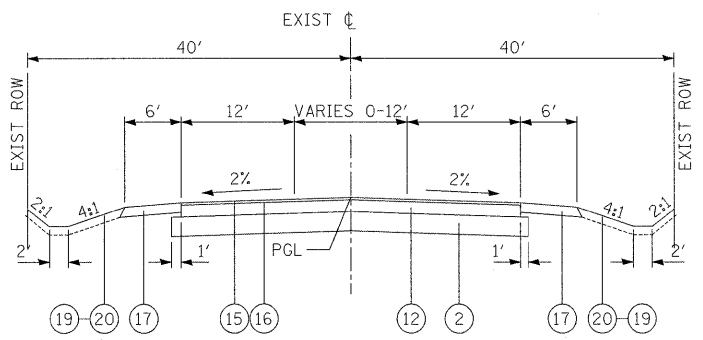
* VAR. 13.8' TO 20' BETWEEN STA. 4+60.44 AND STA. 6+48.31



PROPOSED TYPICAL SECTION

CASEY ROAD
STA. 8+50.11 TO STA. 8+92.30
STA. 11+07.26 TO STA. 16+21.75

* VAR. 12' TO 0' BETWEEN STA. 13+52.02 AND STA. 16+21.75



PROPOSED TYPICAL SECTION

ARBOR BOULEVARD

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② AGGREGATE SUBGRADE, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ CONCRETE MEDIAN, TYPE SB-6.12
- ⑧ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 420001 (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24-INCH EPOXY COATED DEFORMED TIE BARS DRILLED & GROUTED-IN-PLACE @ 24" C-C PER STD. 606001 (INCLUDED IN COST OF CONCRETE CURB AND GUTTER OR MEDIAN)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30-INCH EPOXY COATED DEFORMED TIE BAR @ 30" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)
- ⑪ DRILL AND GROUT DOWEL BARS (24" C-C SPACING)
- ⑫ HOT-MIX ASPHALT BASE COURSE, 10"
- ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ 4" Ø PIPE UNDERDRAIN
- ⑲ SODDING, SALT TOLERANT, OR SEEDING AS NOTED ON PLANS
- ⑳ 4" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT)
- ㉑ 24" TOPSOIL (PAID AS TOPSOIL EXCAVATION AND PLACEMENT OR TOPSOIL FURNISH AND PLACE, 24")
- ㉒ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10 1/4")
- ㉓ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")

NOTES:

1. THE LOCATION OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) IS SHOWN IN THE CROSS SECTIONS. WHEN GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS SPECIFIED IT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF SUBGRADE MATERIAL. REFER TO THE SCHEDULE OF QUANTITIES FOR LOCATIONS.
2. FOR LOCATION OF UNDERDRAIN, SEE TABLE PROVIDED IN DRAINAGE PLANS. THE OUTFALL TO DRAINAGE STRUCTURE IS LISTED IN TABLES. WHEN A SPECIAL OUTLET IS USED, INSTALL PER STD. 601001.
3. ALL UNDERDRAIN TIE-INS TO STRUCTURES WILL BE INCLUDED IN THE PIPE UNDERDRAIN PAY ITEM.
4. HMA SHOULDERS, 8" USED ALONG NB US 45 BETWEEN STA. 255+80 AND STA. 257+30. HMA SHOULDERS, 6" USED AT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL LOCATIONS PER IDOT STANDARDS. PLEASE REFER TO THE ROADWAY PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JRH	REVISED -		SCALE: NONE	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.	344	(46-15&47)WRS-3	LAKE	176	20
		CHECKED - JW	REVISED -						U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TREE REMOVAL - 6 TO 15 UNITS DIAMETER

STATION	OFFSET	DIAMETER (UNITS)
254+50	RT	120
308+30	LT	15
325+88	RT	12
325+88	RT	15
325+90	RT	10
325+95	RT	14
326+65	RT	15
326+70	RT	14
326+80	RT	13
326+82	RT	11
326+82	RT	15
327+05	RT	15
327+15	RT	13
327+20	RT	11
327+20	RT	14
327+25	RT	12
327+30	RT	9
327+35	RT	15
327+50	RT	15
327+60	RT	12
327+60	RT	15

(GROUPING OF TREES)

TOTAL= 385 UNITS

TREE REMOVAL - OVER 15 UNITS DIAMETER

STATION	OFFSET	DIAMETER (UNITS)
260+50	RT	25
308+30	LT	21
308+30	LT	22
325+75	RT	24
325+80	RT	30
325+85	RT	25
325+90	RT	27
326+45	RT	32
326+50	RT	18
326+55	RT	20
326+57	RT	16
326+60	RT	18
326+62	RT	30
326+75	RT	16
326+80	RT	19
327+05	RT	16
327+10	RT	20
327+15	RT	24
327+20	RT	18
327+25	RT	25
327+50	RT	16
327+60	RT	17
327+65	RT	20
327+65	RT	22

TOTAL= 521 UNITS

DRIVEWAY PAVEMENT REMOVAL

LOCATION	STATION	OFFSET	TYPE	AREA (SF)	AREA (SQ YD)
US RT 45	251+57.37	RT	PE	406.62	45.2
US RT 45	256+48.26	RT	PE	749.45	83.3
US RT 45	256+56.87	LT	CE	567.28	63.0
US RT 45	257+56.02	RT	PE	781.39	86.8
US RT 45	258+24.96	RT	PE	790.73	87.9
US RT 45	258+85.59	LT	CE	1604.13	178.2
US RT 45	259+55.52	RT	PE	706.11	78.5
US RT 45	261+58.64	RT	PE	677.92	75.3
US RT 45	261+72.11	LT	CE	1889.518	209.9
US RT 45	263+22.02	RT	PE	731.75	81.3
US RT 45	263+60.87	LT	CE	769.32	85.5
US RT 45	264+10.77	RT	PE	623.53	69.3
US RT 45	266+10.77	RT	PE	510.49	56.7
US RT 45	266+63.89	LT	CE	749.63	83.3
US RT 45	267+28.72	RT	PE	1037.39	115.3
US RT 45	288+92.11	RT	PE	367.72	40.9
US RT 45	308+68.38	RT	PE	835.48	92.8
US RT 45	325+50.00	RT	PE	636.23	70.7
US RT 45	328+02.35	RT	PE	559.98	62.2
CASEY RD	7+24.28	RT	CE	1620.47	180.1
CASEY RD	12+88.30	RT	PE	362.5	40.3
CASEY RD	14+28.37	RT	PE	292.02	32.4

TOTAL= 1918.85 SY

LOCATION			UNDERCUT AND PGE REPLACEMENT (CY)*			UNSUITABLE EXCAVATION (TOPSOIL) (CY)			EARTH EXCAVATION (CY)			shrinkage factor=15% EXCAVATION TO BE USED FOR EMBANKMENT (adj.)			EMBANKMENT REQUIRED (CY)			EARTHWORK BALANCE WASTE (+) / SHORTAGE (-)		
STA	TO	STA	PRE-STAGE	STAGE 1	STAGE 2	PRE-STAGE	STAGE 1	STAGE 2	PRE-STAGE	STAGE 1	STAGE 2	PRE-STAGE	STAGE 1	STAGE 2	PRE-STAGE	STAGE 1	STAGE 2	PRE-STAGE	STAGE 1	STAGE 2
253+50	to	260+00	0	643	552	43	128	135	133	585	492	113	497	418	45	496	503	68	1	-85
260+00	to	270+00	0	0	0	148	395	131	236	1928	689	201	1639	585	205	331	690	-4	1308	-104
270+00	to	280+00	0	0	0	23	776	182	75	2595	845	64	2206	719	44	1526	1752	20	680	-1033
280+00	to	290+00	0	0	0	0	656	160	0	2378	1875	0	2021	1594	0	881	547	0	1140	1047
290+00	to	300+00	0	136	134	0	689	125	0	2305	1606	0	1959	1366	0	498	618	0	1461	748
300+00	to	310+00	0	215	226	0	709	149	0	4007	1598	0	3406	1358	0	501	1327	0	2905	32
310+00	to	320+00	0	292	84	0	1106	172	0	4984	1143	0	4237	971	0	3072	2146	0	1164	-1175
320+00	to	329+50	0	341	40	0	738	255	0	2970	117	0	2525	100	0	6585	5139	0	-4060	-5040
CASEY ROAD																				
4+60	to	9+50								1213			1031			88			942	
10+50	to	16+22								1148			976			426			550	
TOTALS			0	1627	1036	214	5196	1310	445	24113	8366	378	20496	7111	294	14405	12721	84	6091	-5610

	PRE-STAGE	STAGE 1	STAGE 2	TOTAL
EARTH EXCAVATION (CY)	445	25740	9402	35586
UNSUITABLE EXCAVATION (TOPSOIL) (CY)**	214	5196	1310	6720
PGE, SUBGRADE (CY)	0	1627	1036	2663
FURNISHED EXCAVATION	0	0	0	0

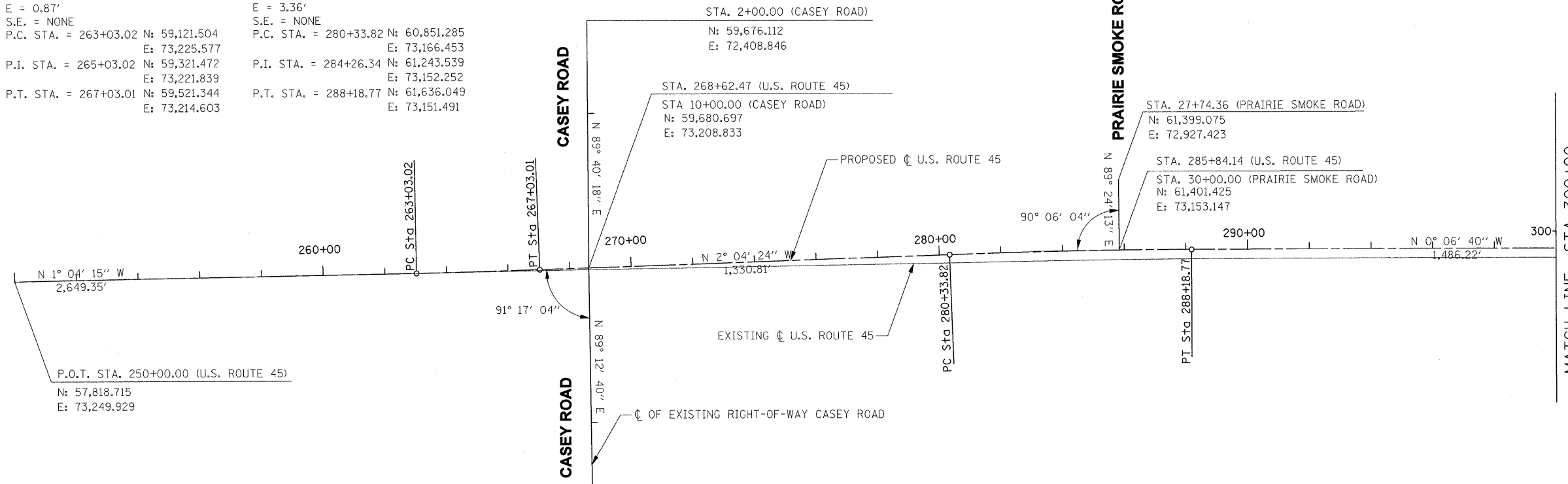
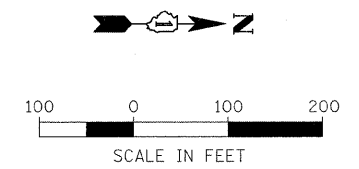
**WORK PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT

NOTES

1. UNDERCUT LOCATIONS ARE PAID FOR AS EARTH EXCAVATION. PGE REPLACEMENT LOCATIONS ARE PAID FOR AS POROUS GRANULAR EMBANKMENT, SUBGRADE.
2. ASSUME 10% OF TOPSOIL EXCAVATION WILL NOT BE RE-USED AND IS DISPOSED OF AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

PROP. CURVE CURVE 7
 $\Delta = 1^\circ 00' 09''$ (LT)
 $D = 0^\circ 15' 02''$
 $R = 22,858.87'$
 $T = 200.00'$
 $L = 400.00'$
 $E = 0.87'$
 $S.E. = \text{NONE}$
P.C. STA. = 263+03.02 N: 59,121.504
E: 73,225.577
P.I. STA. = 265+03.02 N: 59,321.472
E: 73,221.839
P.T. STA. = 267+03.01 N: 59,521.344
E: 73,214.603

PROP. CURVE CURVE 8
 $\Delta = 1^\circ 57' 45''$ (RT)
 $D = 0^\circ 15' 00''$
 $R = 22,918.31'$
 $T = 392.51'$
 $L = 784.95'$
 $E = 3.36'$
 $S.E. = \text{NONE}$
P.C. STA. = 280+33.82 N: 60,851.285
E: 73,166.453
P.I. STA. = 284+26.34 N: 61,243.539
E: 73,152.252
P.T. STA. = 288+18.77 N: 61,636.049
E: 73,151.491

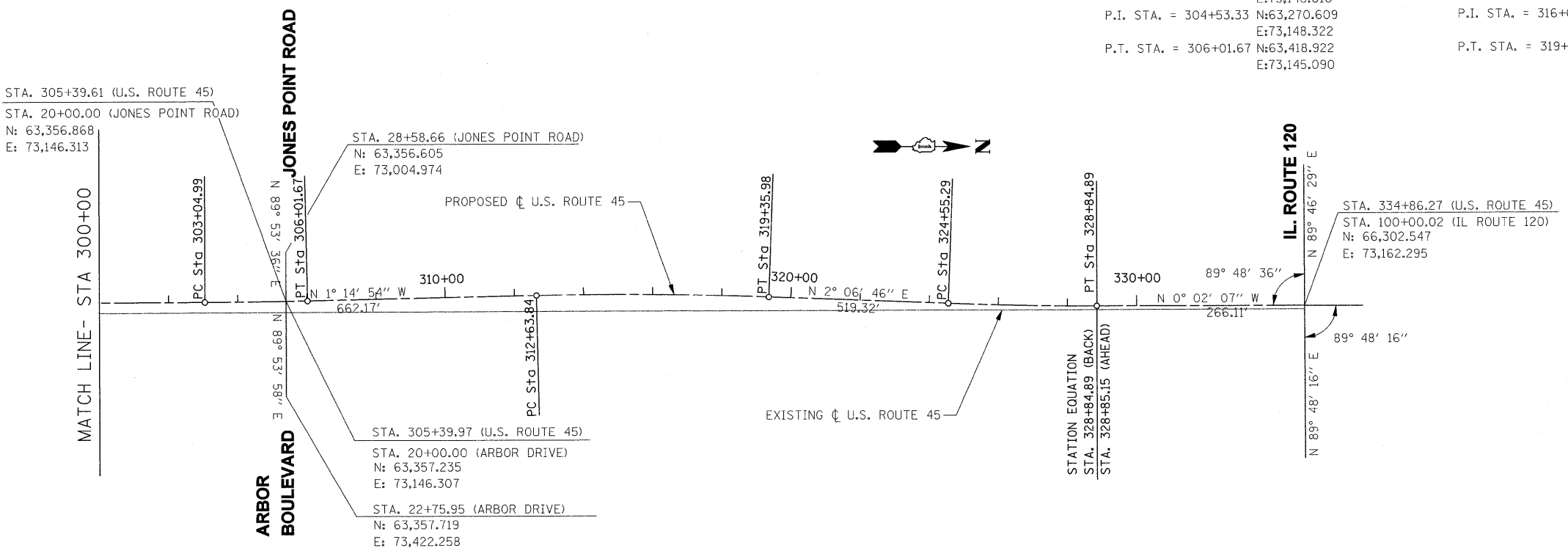


NOTE: GROUND COORDINATES ARE DERIVED FROM IL EAST STATE PLANE COORDINATES BY FIRST DIVIDING BY A SCALE FACTOR OF 0.9999519046, THEN TRANSLATING THE NORTHING AND EASTING BY -2,000,000 AND -1,000,000 RESPECTIVELY.

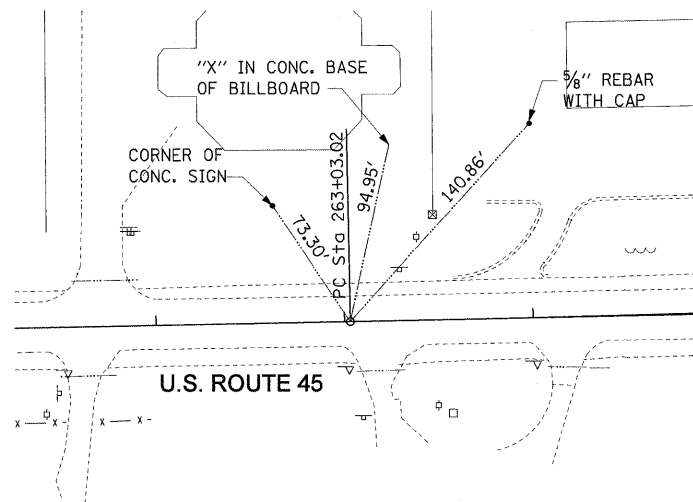
PROP. CURVE CURVE 9
 $\Delta = 1^\circ 08' 14''$ (LT)
 $D = 0^\circ 23' 00''$
 $R = 14,946.73'$
 $T = 148.35'$
 $L = 296.69'$
 $E = 0.74'$
 $S.E. = \text{NONE}$
P.C. STA. = 303+04.99 N: 63,122.261
E: 73,148.610
P.I. STA. = 304+53.33 N: 63,270.609
E: 73,148.322
P.T. STA. = 306+01.67 N: 63,418.922
E: 73,145.090

PROP. CURVE CURVE 10
 $\Delta = 3^\circ 21' 40''$ (RT)
 $D = 0^\circ 30' 00''$
 $R = 11,457.75'$
 $T = 336.17'$
 $L = 672.14'$
 $E = 4.93'$
 $S.E. = \text{NONE}$
P.C. STA. = 312+63.84 N: 64,080.930
E: 73,130.664
P.I. STA. = 316+00.00 N: 64,417.016
E: 73,123.340
P.T. STA. = 319+35.98 N: 64,752.954
E: 73,135.733

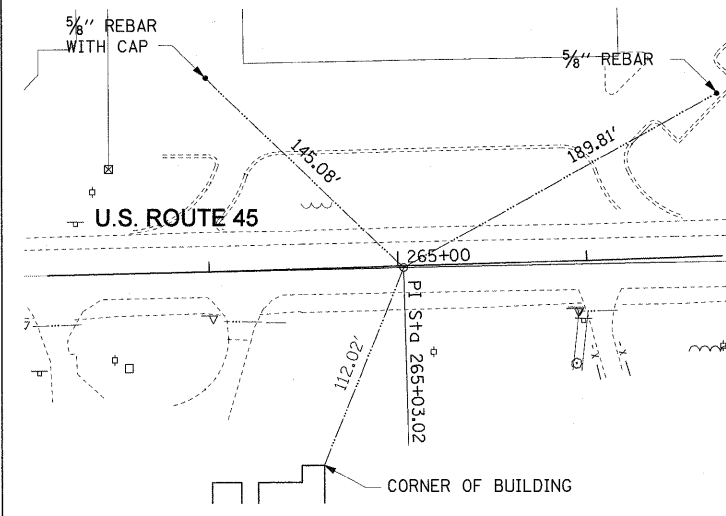
PROP. CURVE CURVE 11
 $\Delta = 2^\circ 08' 53''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 214.83'$
 $L = 429.60'$
 $E = 2.01'$
 $S.E. = \text{NONE}$
P.C. STA. = 324+55.29 N: 65,271.918
E: 73,154.878
P.I. STA. = 326+70.12 N: 65,486.598
E: 73,162.798
P.T. STA. = 328+84.89 N: 65,701.424
E: 73,162.666



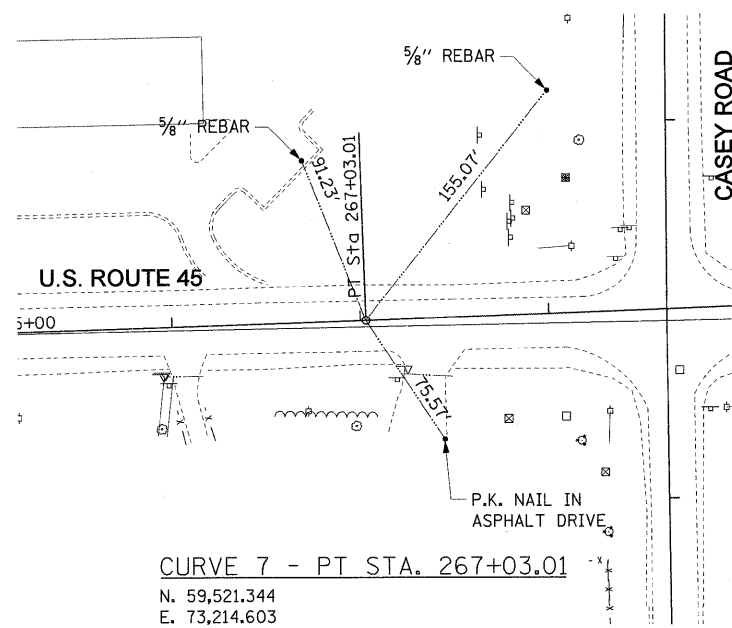
BM#	NORTHING	EASTING	ELEVATION	DESCRIPTION
45-1	57762.0	73126.4	784.688	CHISELED "□" ON THE SE SIDE OF CANTILEVER SIGN FOUNDATION @ THE NW CORNER OF US 45 & IL 137.
45-2	61437.1	73081.4	808.867	CHISELED "□" ON THE NE SIDE OF LIGHT POLE FOUNDATION @ THE NW CORNER OF PRAIRIE SMOKE RD & US 45.
45-3	63392.9	73241.1	814.274	CHISELED "□" ON TOP OF STONE WALL + MID POINT OF WALL @ THE NE CORNER OF ARBOR BLVD & US 45.
45-4	64764.1	73213.6	804.103	CHISELED "□" ON CONCRETE HEADWALL (NEW), + CENTER OF HEADWALL. E. SIDE OF US 45, S. OF IL 120.
45-5	66237.3	73237.3	814.922	CHISELED "□" ON W SIDE OF CONC FOUNDATION FOR MAST ARM TRAFFIC SIGNAL, ON THE SE CORNER OF IL 120 & US 45.



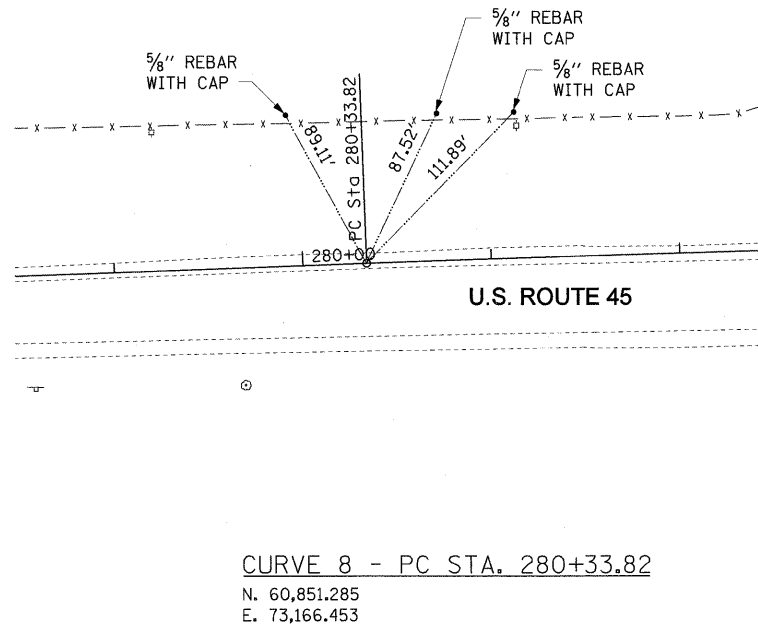
CURVE 7 - PC STA. 263+03.02
 N. 59,121.504
 E. 73,225.577



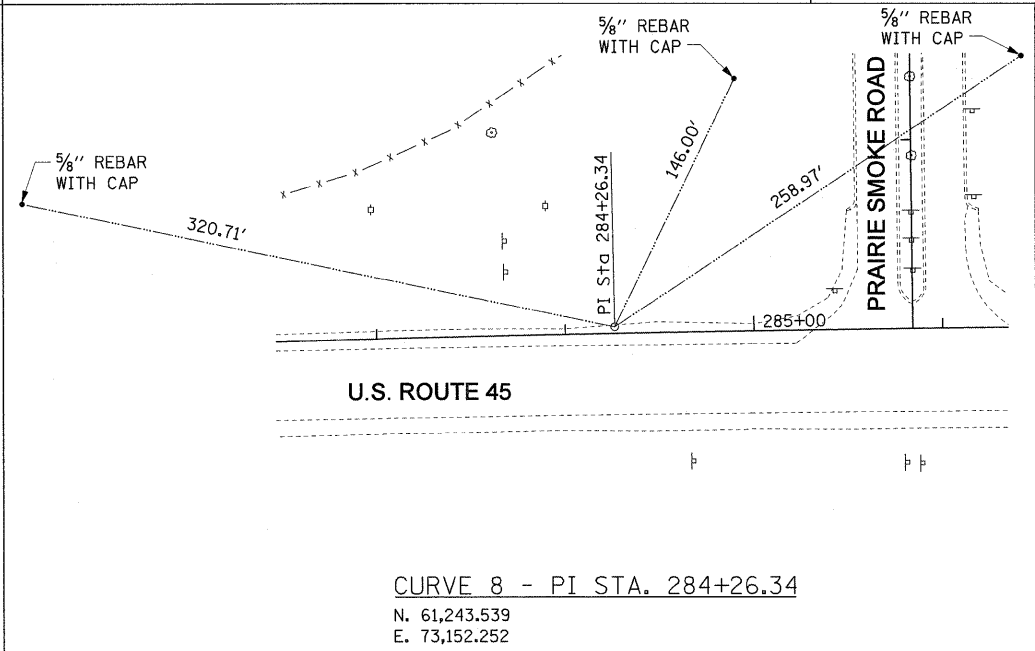
CURVE 7 - PI STA. 265+03.02
 N. 59,321.472
 E. 73,221.839



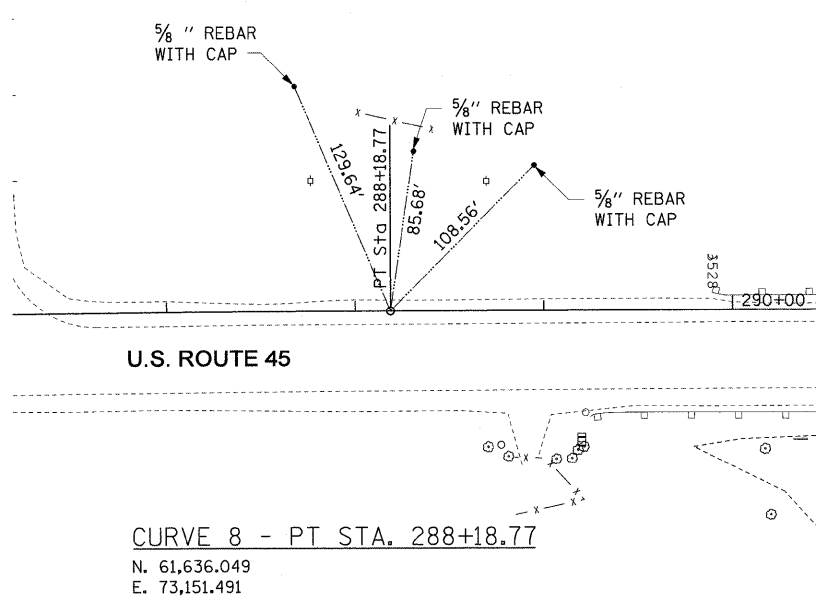
CURVE 7 - PT STA. 267+03.01
 N. 59,521.344
 E. 73,214.603



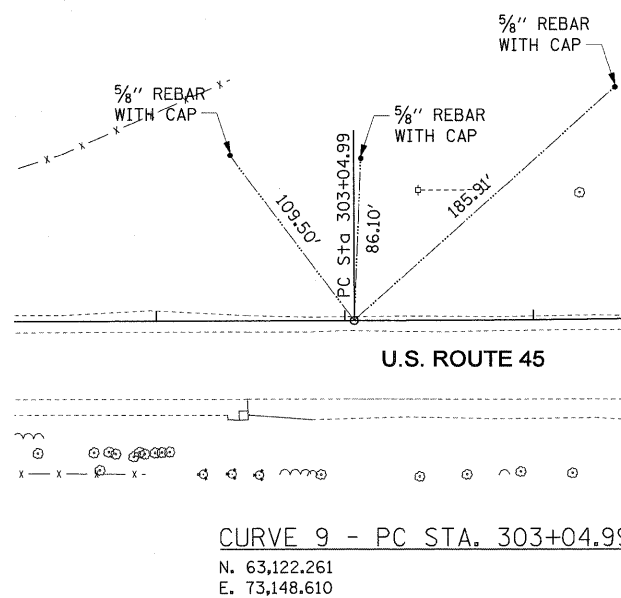
CURVE 8 - PC STA. 280+33.82
 N. 60,851.285
 E. 73,166.453



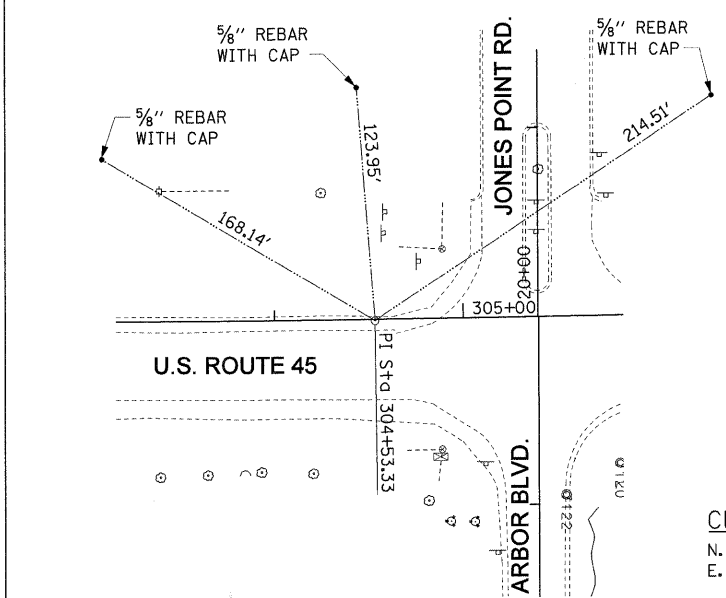
CURVE 8 - PI STA. 284+26.34
 N. 61,243.539
 E. 73,152.252



CURVE 8 - PT STA. 288+18.77
 N. 61,636.049
 E. 73,151.491

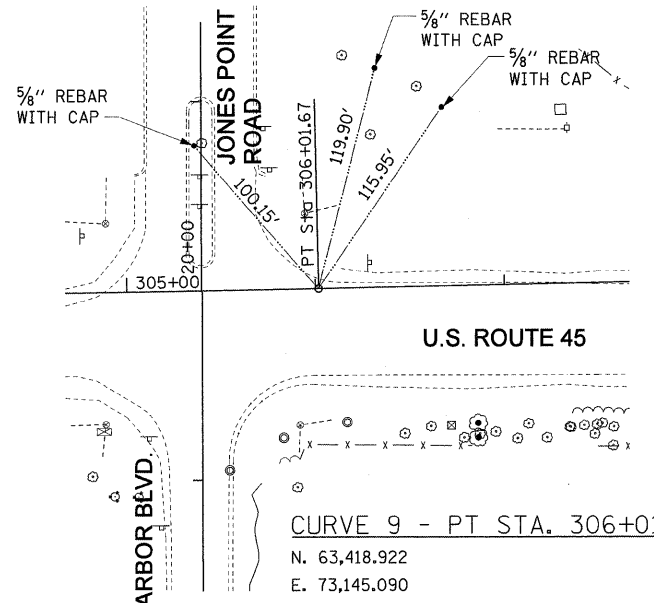


CURVE 9 - PC STA. 303+04.99
 N. 63,122.261
 E. 73,148.610

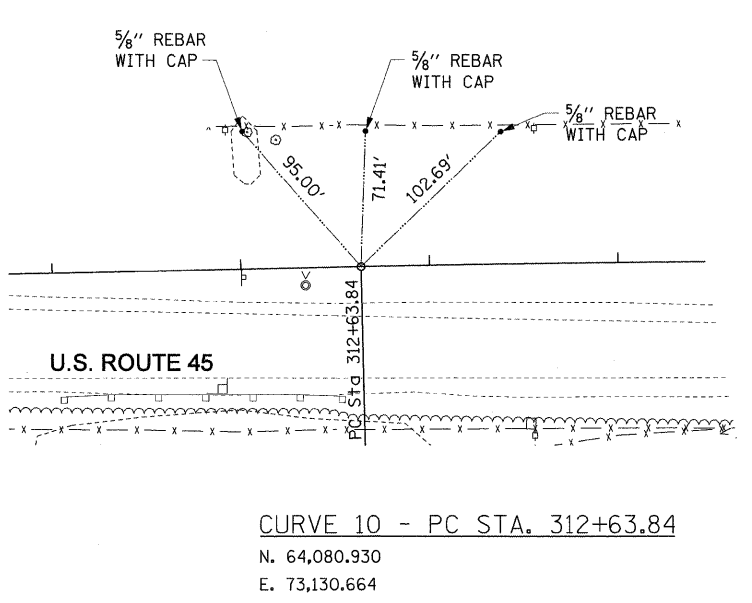


CURVE 9 - PI STA. 304+53.33
 N. 63,270.609
 E. 73,148.322

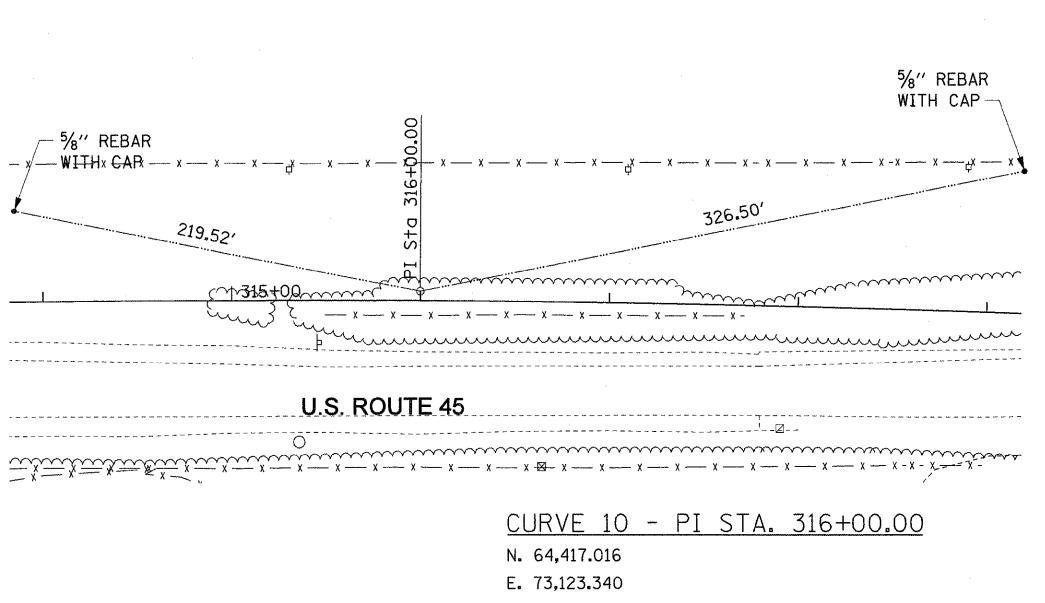
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES & BENCHMARKS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -				344	(46-1S&47)WRS-3	LAKE	176	24
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



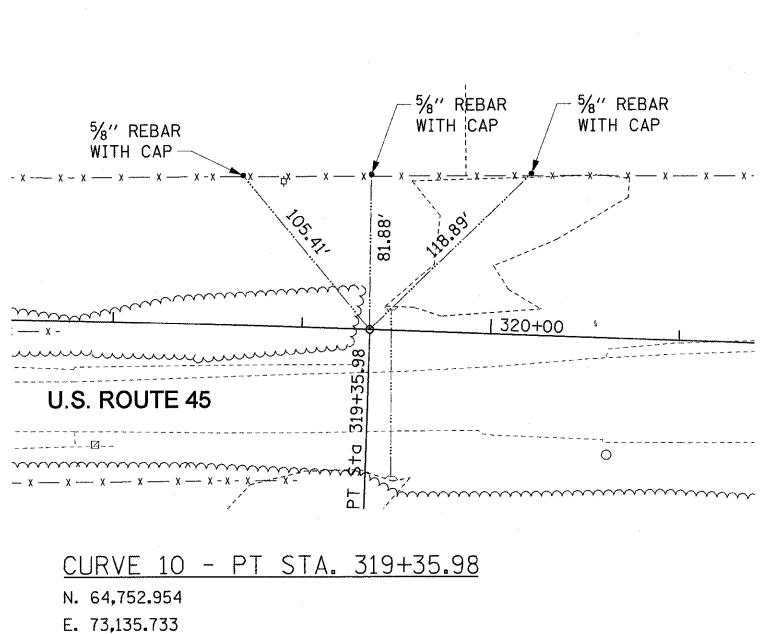
CURVE 9 - PT STA. 306+01.67
 N. 63,418.922
 E. 73,145.090



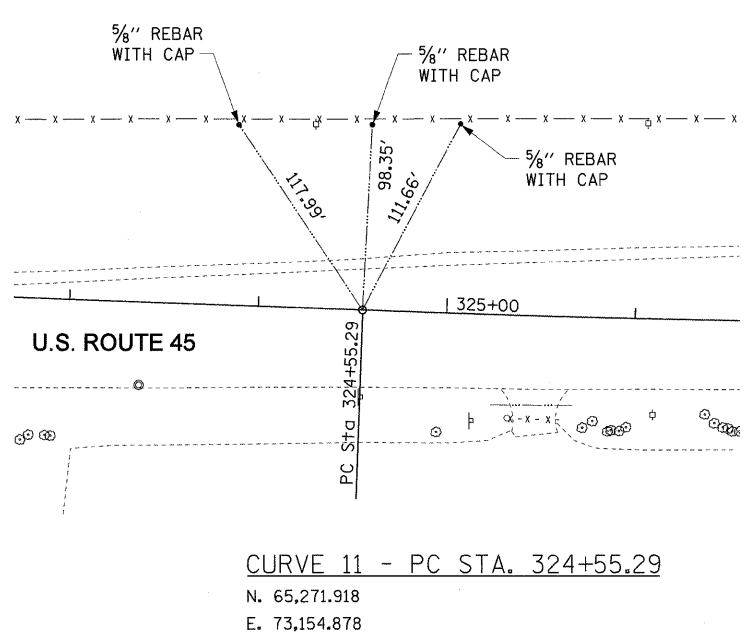
CURVE 10 - PC STA. 312+63.84
 N. 64,080.930
 E. 73,130.664



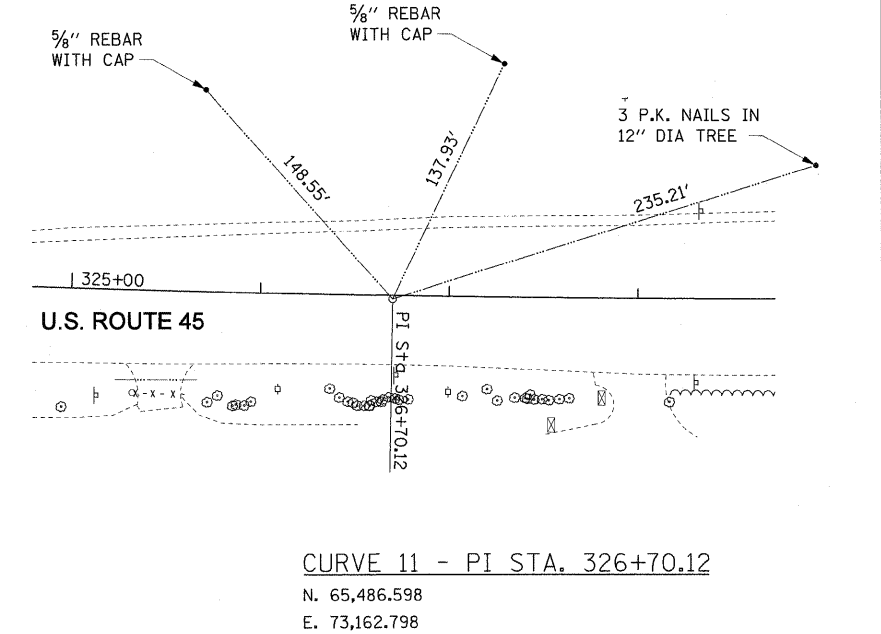
CURVE 10 - PI STA. 316+00.00
 N. 64,417.016
 E. 73,123.340



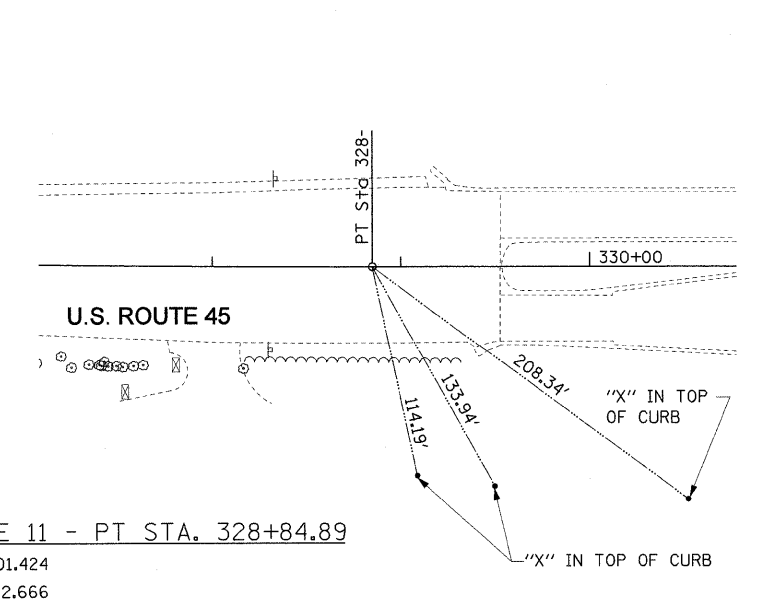
CURVE 10 - PT STA. 319+35.98
 N. 64,752.954
 E. 73,135.733



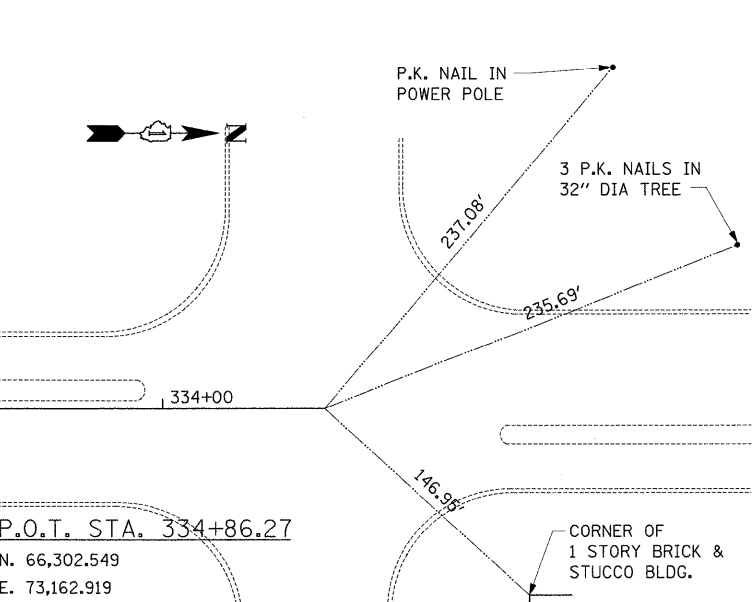
CURVE 11 - PC STA. 324+55.29
 N. 65,271.918
 E. 73,154.878



CURVE 11 - PI STA. 326+70.12
 N. 65,486.598
 E. 73,162.798



CURVE 11 - PT STA. 328+84.89
 N. 65,701.424
 E. 73,162.666



P.O.T. STA. 334+86.27
 N. 66,302.549
 E. 73,162.919



FILE NAME =	USER NAME = #USER#
#FILE#	

PLOT SCALE = #SCALE#	DESIGNED - MAP
PLOT DATE = #DATE#	DRAWN - JRH
	CHECKED - JW
	DATE - 12-12-08

REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	25
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

ALL OF THE TRAFFIC DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS OR THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND SHALL BE IN PLACE BEFORE CONSTRUCTION BEGINS. EXISTING "STOP" AND "STOP AHEAD" SIGNS SHALL BE RELOCATED TO CONTROL SIDE STREET OR ENTRANCE TRAFFIC FOR THE VARIOUS STAGES OF CONSTRUCTION.

THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)". THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH SHALL ALSO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED AT THE INTERSECTION OF U.S. ROUTE 45 AND JONES POINT ROAD / ARBOR BOULEVARD AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE TEMPORARY SIGNAL COST OF THE INTERSECTION.

TRAFFIC CONTROL PLANS ARE INTENDED TO SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS FOR CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY PROPOSED MODIFICATION OF THE PLANS SHALL BE SUBMITTED FOR WRITTEN APPROVAL OF THE ENGINEER.

A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE KEPT OPEN TO THROUGH TRAFFIC AT ALL TIMES. IF ONE LANE MUST BE CLOSED AT ANY TIME DUE TO CONSTRUCTION ACTIVITIES, SUCH CLOSURES SHALL BE APPROVED ONLY FOR SHORT PERIODS OF TIME DURING NON-PEAK HOURS. ALL SUCH CLOSURES MUST BE APPROVED BY THE ENGINEER IN ADVANCE.

THE QUANTITIES PROVIDE FOR THE PLACEMENT AND USE OF A CHANGEABLE MESSAGE SIGN (CMS) AT TWO LOCATIONS. THE LOCATION OF THESE SIGNS WILL BE DETERMINED BY THE ENGINEER. SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION.

TWO MONODIRECTIONAL FLASHING LIGHTS SHALL BE REQUIRED ON ALL TYPE III BARRICADES. THE FIRST TWO ADVANCE WARNING SIGNS MUST INCLUDE THE INSTALLATION OF MONO-DIRECTIONAL FLASHING LIGHTS.

ALL LETTERS AND SYMBOLS INSTALLED USING TEMPORARY PAVEMENT MARKINGS WILL BE PLACED ACCORDING TO THE 6' SIZE AREAS DEFINED IN TABLE 1, SECTION 780 OF THE STANDARD SPECIFICATIONS.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. LOCATION OF SIGNS AND BARRICADES SHOWN IN THE PLANS ARE APPROXIMATE. BARRICADES ARE TO BE INSTALLED AS REQUIRED TO ACHIEVE A PROPER CLOSURE OR AS OTHERWISE DIRECTED IN THE PLANS. SIGNS ARE TO BE INSTALLED RELATIVE TO CLOSURES OR HAZARDS AS DIRECTED IN THE HIGHWAY STANDARDS.

RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE LIMITS OF CONSTRUCTION THAT CONFLICT WITH STAGE CONFIGURATIONS SHALL HAVE THE LENSES REMOVED AS INCIDENTAL TO TEMPORARY PAVEMENT MARKING. WHEN TRAFFIC IS RELOCATED TO FINAL CONFIGURATION, THE LENSES SHALL BE REPLACED, AND THIS WORK IS ALSO CONSIDERED INCIDENTAL TO TEMPORARY PAVEMENT MARKING.

PAINT PAVEMENT MARKINGS MAY BE USED FOR TEMPORARY PAVEMENT MARKING ONLY ON SURFACES TO BE REMOVED DURING THE COURSE OF CONSTRUCTION. TEMPORARY PAVEMENT MARKINGS TO BE PLACED ON FINAL ROADWAY SURFACES SHALL BE PAVEMENT MARKING TAPE, TYPE III.

THE CONTRACTOR'S SCHEDULE MAY CALL FOR CONSTRUCTION STAGING TO BE MAINTAINED THROUGH THE WINTER. EPOXY PAVEMENT MARKINGS SHALL BE REQUIRED FOR ANY SUCH STAGE, AT NO ADDITIONAL COST TO IDOT. RETAINED THROUGH THE WINTER

WHEN STAGING LATERALS, INSTALL TEMPORARY PLUGS AT THE OPEN END OF THE PIPE. REMOVE TEMPORARY PLUGS WHEN CONSTRUCTION OF LATERAL IS CONTINUED. THIS WORK SHALL BE INCIDENTAL TO INSTALLATION OF THE STORM SEWERS.

CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING THE PROJECT. WHEN EXISTING FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, INLETS AND CATCH BASINS UNTIL SUCH TIME AS PERMANENT CONNECTIONS ARE BUILT AND IN SERVICE. THIS WORK IS NOT PAID FOR DIRECTLY, BUT CONSIDERED INCIDENTAL UNLESS OTHERWISE NOTED IN THE PLANS.

CONTRACTOR SHALL ERECT VERTICAL PANELS AT 50' C-C ALONG U.S. ROUTE 45 AND ALONG SIDE STREETS, OFF THE EDGE OF THE EXISTING SHOULDER OR TEMPORARY PAVEMENT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE BUREAU OF TRAFFIC AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK.

MAJOR ITEMS OF WORK (PRE-STAGE)

PLACE TEMPORARY PAVEMENT FOR STAGE 1 AND 2 TRAFFIC CONFIGURATION.

INSTALL TEMPORARY DRAINAGE AND EROSION CONTROL MEASURES.

INSTALL TEMPORARY TRAFFIC SIGNAL AT ARBOR BOULEVARD / JONES POINT ROAD.

NO WORK THAT IMPACTS NORMAL TRAFFIC FLOW SHALL BE PERFORMED BETWEEN 5:00 AM - 9:00 AM AND 3:00 PM - 7:00 PM.

MAJOR ITEMS OF WORK (STAGE 1)

PRIOR TO MAINLINE DRAINAGE WORK, REPLACE THE OUTFALL AT STA. 290+10, USING SUBSTAGES AS SHOWN IN THE PLANS.

CONSTRUCT THE NEW SOUTHBOUND LANES OF U.S. ROUTE 45, INCLUDING ALL SOUTHBOUND LEFT TURN LANES. CONSTRUCT ALL MEDIAN CURBS AND GUTTERS EXCEPTING THOSE AREAS WHERE TEMPORARY PAVEMENT IS TO BE CONSTRUCTED.

RECONSTRUCT THE NORTH HALF OF CASEY ROAD WITHIN THE PROJECT LIMITS, EXCEPTING THE NORTHEAST CORNER OF THE INTERSECTION WITH U.S. ROUTE 45.

CONSTRUCT NEW MAIN STORM SEWER, INCLUDING ALL OUTFALLS AND ALL PERMANENT STRUCTURES IN THE SOUTHBOUND ROADWAY. CONSTRUCT NEW LATERALS TO THE PROPOSED CENTERLINE, INCLUDING MEDIAN DRAINAGE STRUCTURES IF APPROVED BY THE ENGINEER.

REBUILD PORTIONS OF PRAIRIE SMOKE ROAD AND JONES POINT ROAD SHOWN IN THE PLANS.

CONSTRUCT TEMPORARY PAVEMENT ON CASEY ROAD FOR USE IN STAGE 1A TRAFFIC CONTROL.

PERFORM PAVEMENT PATCHING, CURB REPAIR AND RESURFACING ON THE INSIDE LANES OF U.S. ROUTE 45 BETWEEN TEMPEL DRIVE AND IL ROUTE 137.

MAJOR ITEMS OF WORK (STAGE 1A)

RECONSTRUCT THE SOUTH HALF OF CASEY ROAD WITHIN THE PROJECT LIMITS, EXCEPTING THE SOUTHEAST CORNER OF THE INTERSECTION WITH U.S. ROUTE 45.

RECONSTRUCT THE PORTIONS OF PRAIRIE SMOKE ROAD AND JONES POINT ROAD SHOWN IN THE PLANS.

MAJOR ITEMS OF WORK (STAGE 2)

REMOVE EXISTING U.S. ROUTE 45 PAVEMENT.

CONSTRUCT THE NEW NORTHBOUND LANES OF U.S. ROUTE 45. CONSTRUCT ALL MEDIAN CURBS AND GUTTERS EXCEPTING THOSE AREAS WHERE EXISTING TEMPORARY PAVEMENT CONFLICTS WITH CONSTRUCTION.









RECONSTRUCT THE SOUTHEAST CORNER OF THE INTERSECTION WITH CASEY ROAD, EXCEPTING CURB AND GUTTER WHERE TEMPORARY PAVEMENT IS TO BE CONSTRUCTED.

RECONSTRUCT THE PORTION OF ARBOR BOULEVARD SHOWN IN THE PLANS.

CONSTRUCT THE TEMPORARY PAVEMENT FOR USE IN STAGE 2A TRAFFIC CONTROL.

PERFORM PAVEMENT PATCHING, CURB REPAIR AND RESURFACING ON THE OUTSIDE LANES OF U.S. ROUTE 45 BETWEEN TEMPEL DRIVE AND IL ROUTE 137.

LEGEND

-  WORK ZONE
-  TRAFFIC CONTROL SIGN
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TYPE I OR II BARRICADES AT 50' C-C OR AS DIRECTED IN THE HIGHWAY STANDARDS
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAFFIC
-  TEMPORARY BARRIER WALL
-  TEMPORARY IMPACT ATTENUATOR

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	26	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
SCALE: NONE						SHEET NO. 1 OF 1 SHEETS		STA. TO STA.			

MAJOR ITEMS OF WORK (STAGE 2A)

RECONSTRUCT THE NORTHEAST CORNER OF THE INTERSECTION OF U.S. ROUTE 45 AND CASEY ROAD.

RECONSTRUCT THE PORTION OF ARBOR BOULEVARD SHOWN IN THE PLANS.

MAJOR ITEMS OF WORK (STAGE 3)

CONSTRUCT ALL NORTHBOUND TURN LANES, USING CLOSURES OF STAGED LEFT TURN LANES AS NEEDED.

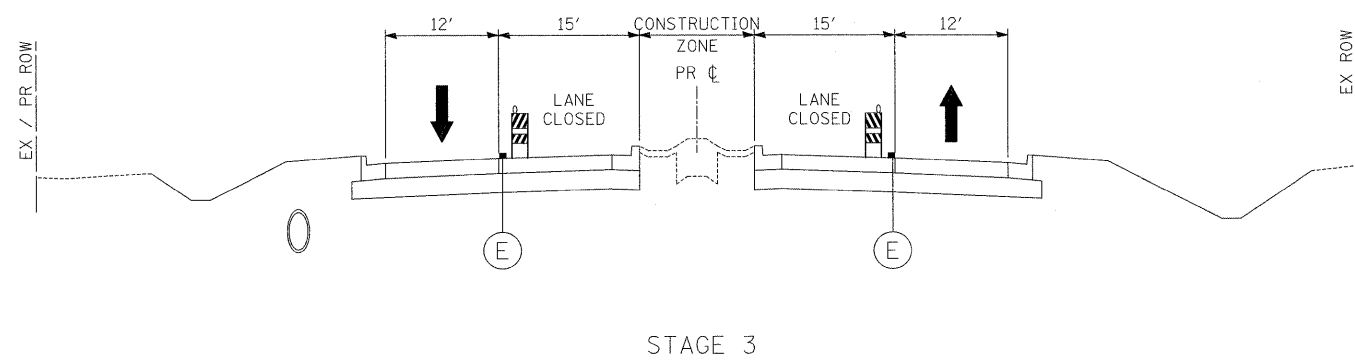
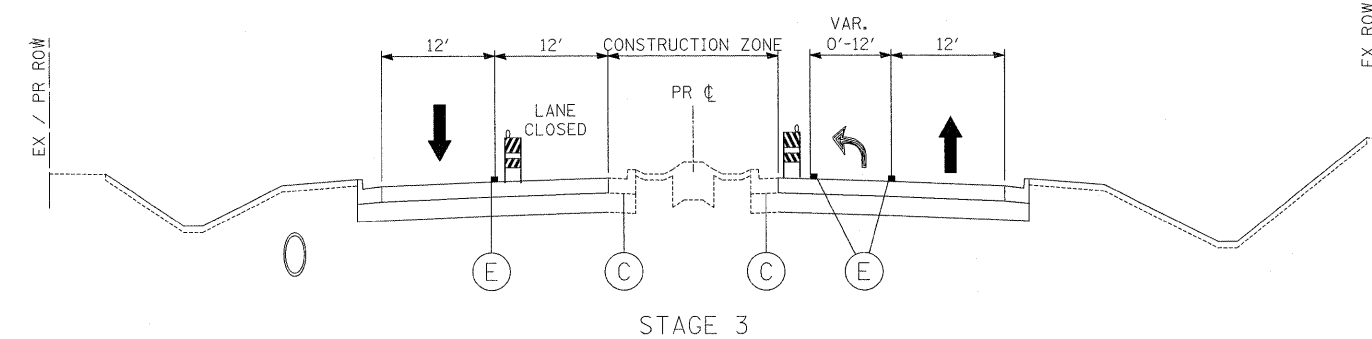
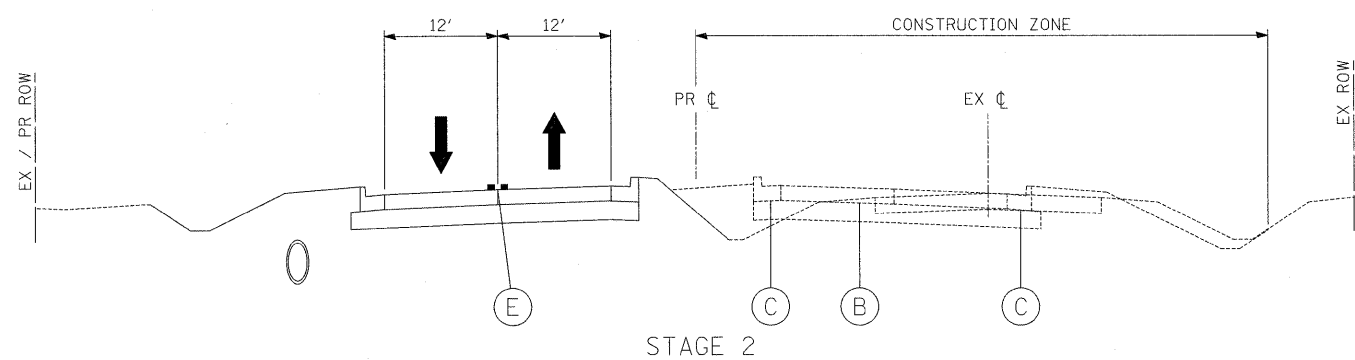
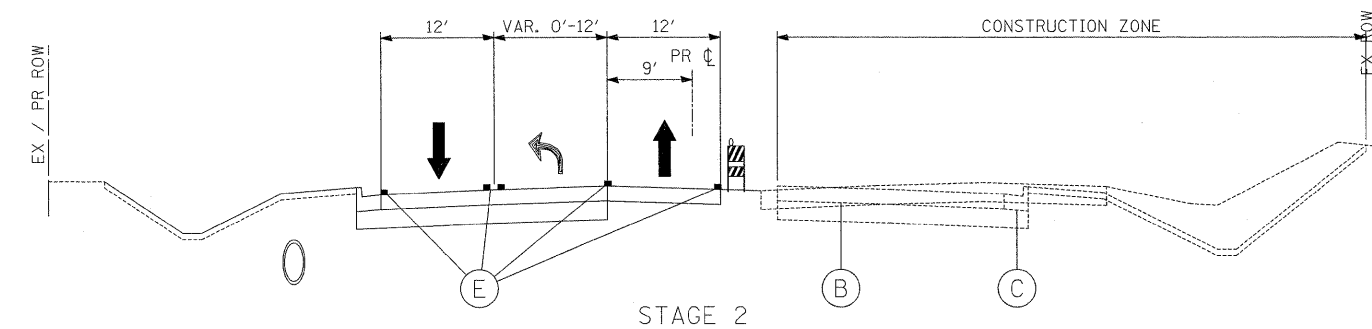
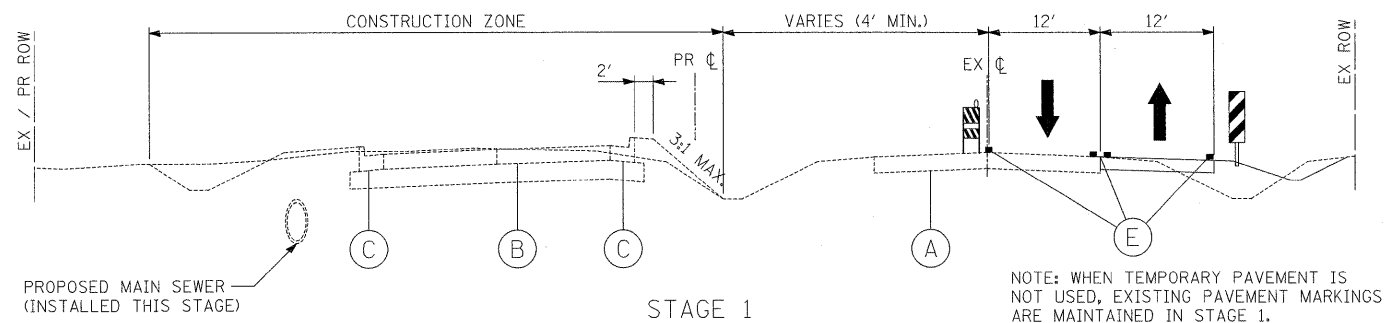
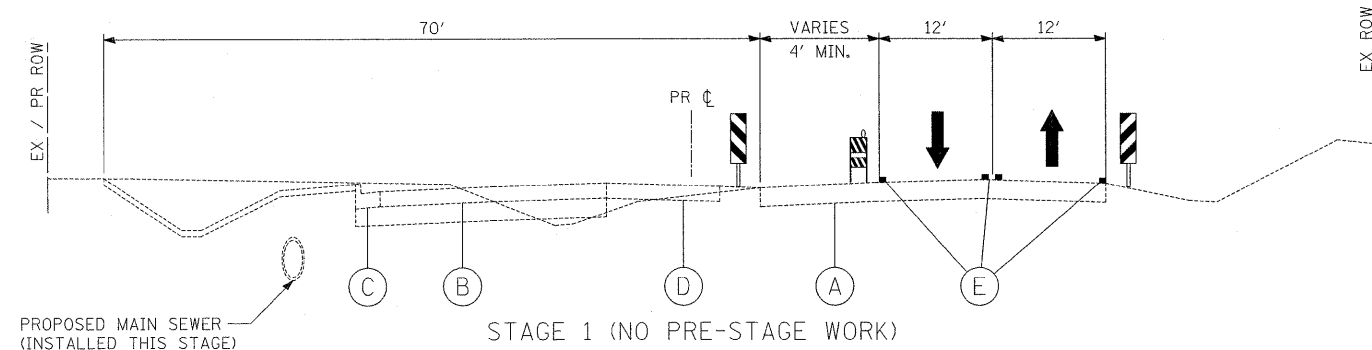
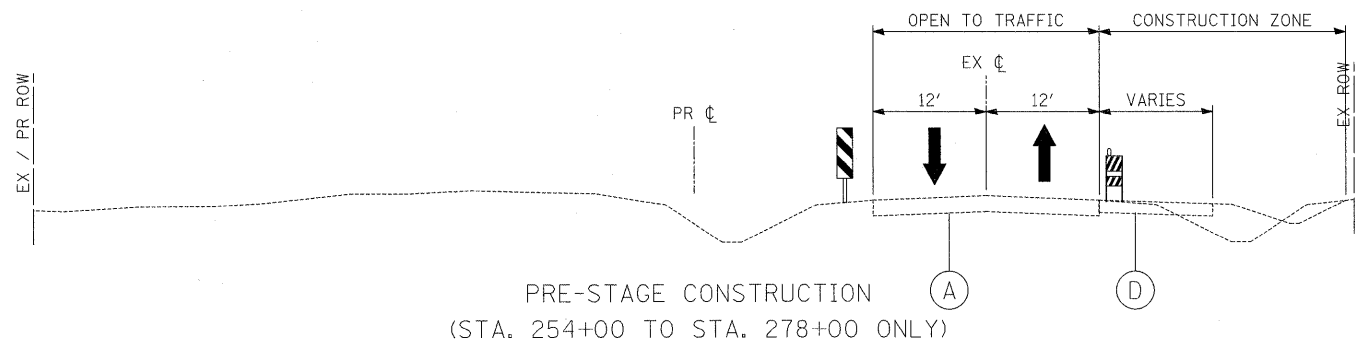
CONSTRUCT REMAINING MEDIAN CURB AND GUTTER. CONSTRUCT REMAINING CURB AND GUTTER OMITTED FROM PREVIOUS STAGES. CONSTRUCT PROPOSED MEDIANS.

INSTALL MEDIAN BERM AS DIRECTED IN THE PLANS.

INSTALL PERMANENT TRAFFIC SIGNALS AT CASEY ROAD AND ARBOR BOULEVARD / JONES POINT ROAD INTERSECTIONS.

REMOVE TEMPORARY TRAFFIC SIGNALS AT ARBOR BOULEVARD / JONES POINT ROAD INTERSECTION.

CLEAN-UP AND PUNCH LIST WORK.



U.S. ROUTE 45, EXCEPTING:
STA. 279+18.4 TO STA. 289+50.0
STA. 298+43.3 TO STA. 304+88.7

U.S. ROUTE 45: ONLY
STA. 279+18.4 TO STA. 289+50.0 AND
STA. 298+43.3 TO STA. 304+88.7

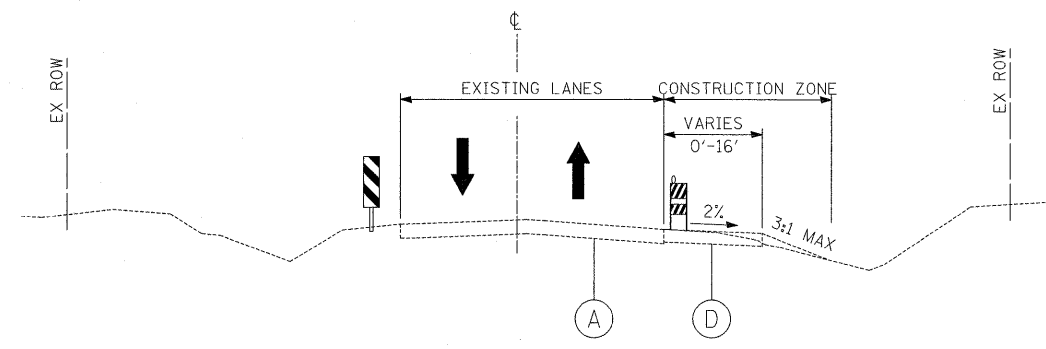
- (A) EXISTING PAVEMENT
- (B) PERMANENT PAVEMENT CONSTRUCTED IN INDICATED STAGE
- (C) PERMANENT CURB & GUTTER CONSTRUCTED IN INDICATED STAGE
- (D) TEMPORARY PAVEMENT CONSTRUCTED IN INDICATED STAGE
- (E) TEMPORARY PAVEMENT MARKING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

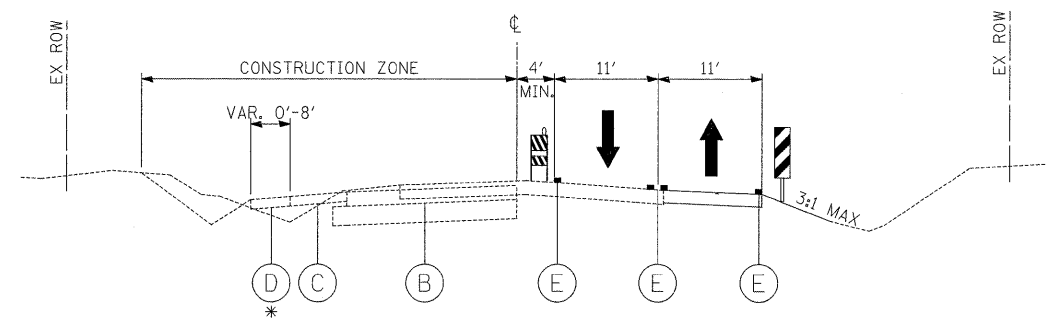
ITEM	AC TYPE	VOIDS
TEMPORARY PAVEMENT (HMA OPTION)		
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm); 10"	PG 64-22*	4% @ 70 GYR

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

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

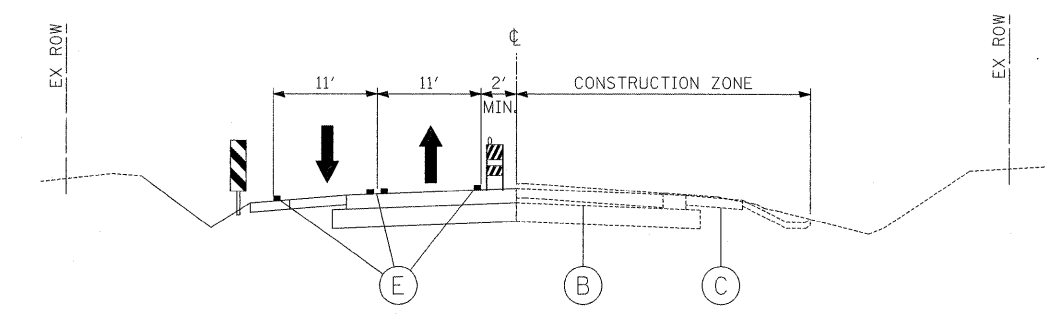


CASEY RD - PRESTAGE CONSTRUCTION

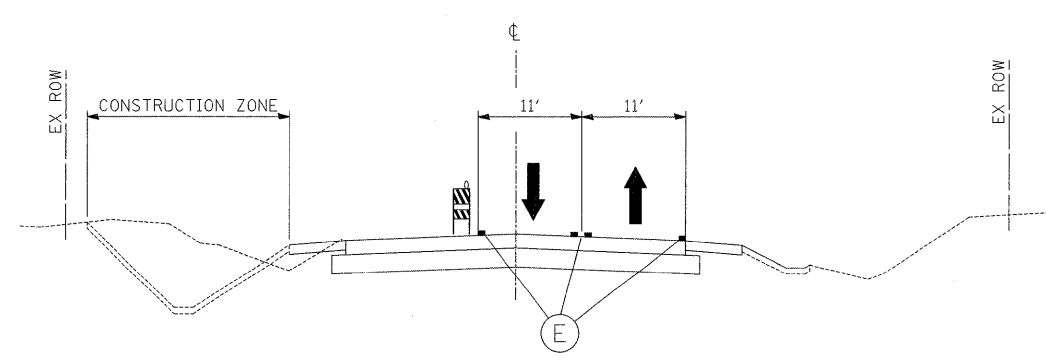


CASEY RD - STAGE 1

* TEMPORARY WIDENING TO BE CONSTRUCTED AS BIT. SHOULDER, 6"



CASEY RD - STAGE 1A / STAGE 2



CASEY RD - STAGE 2A

NOTE: LANE SHIFT NECESSARY TO ACCOMMODATE RECONSTRUCTION OF INTERSECTION WITH U.S. ROUTE 45 (CONSTRUCTION ZONE NOT SHOWN).

- (A) EXISTING PAVEMENT
- (B) PERMANENT PAVEMENT CONSTRUCTED IN INDICATED STAGE
- (C) PERMANENT SHOULDER CONSTRUCTED IN INDICATED STAGE
- (D) TEMPORARY PAVEMENT CONSTRUCTED IN INDICATED STAGE
- (E) TEMPORARY PAVEMENT MARKING

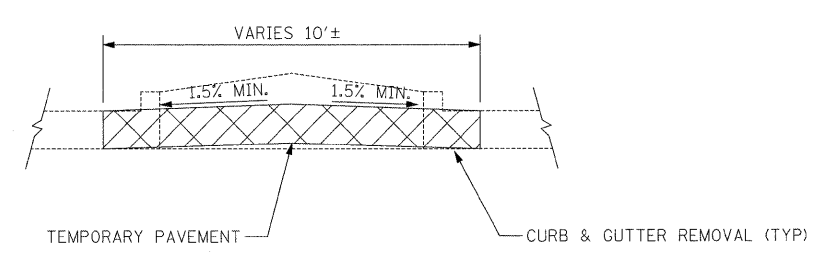
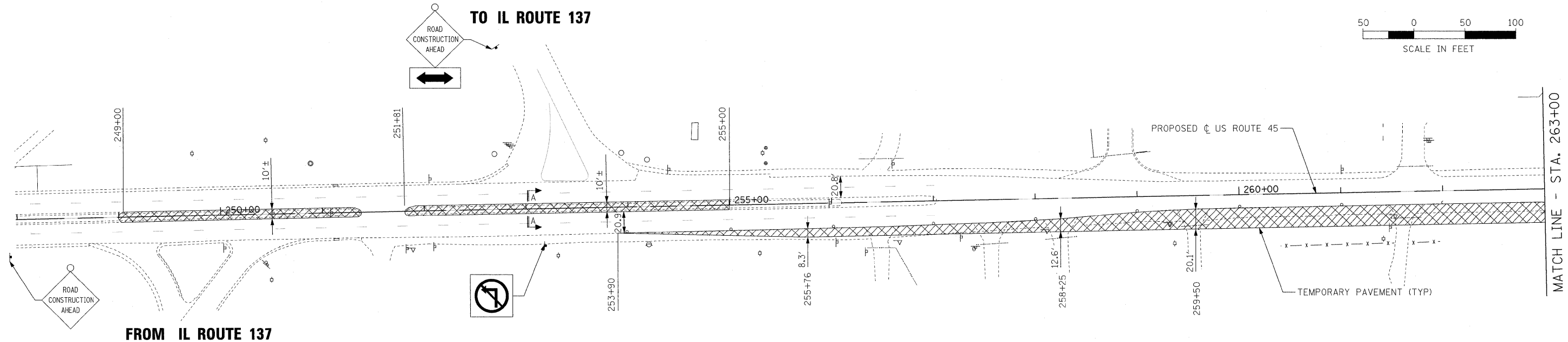
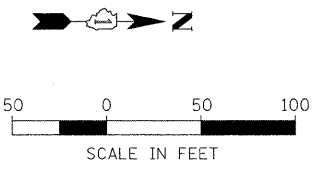
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -
		DRAWN - JRH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 28
U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



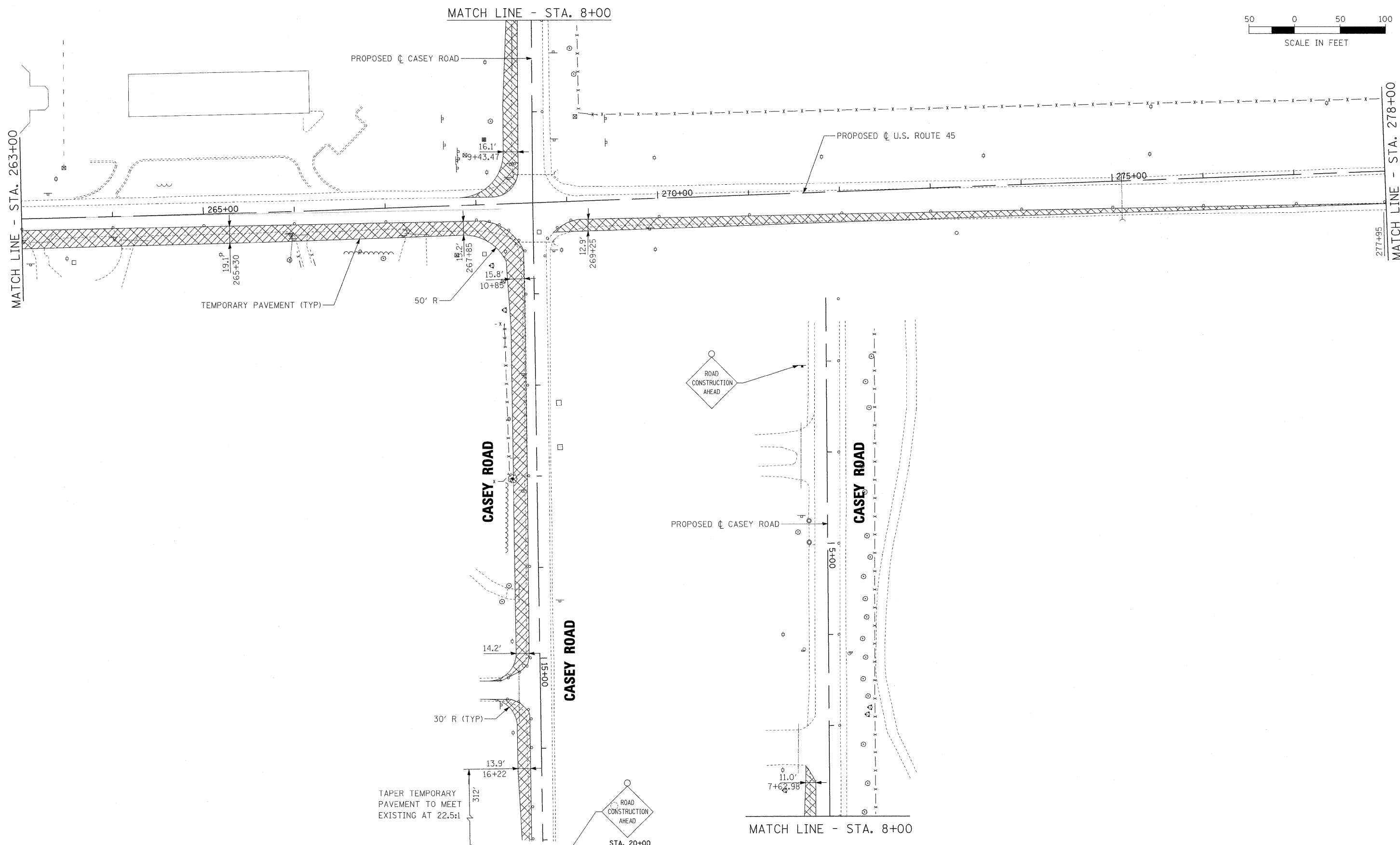
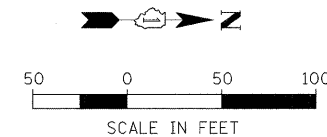
SECTION A-A
(STA. 249+00 TO STA. 255+00)
(N.T.S.)

PRESTAGE CONSTRUCTION NOTES

WORK SHALL NOT PROCEED ON BOTH SIDES OF TRAFFIC SIMULTANEOUSLY. WHEN PLANS CALL FOR WORK ON BOTH SIDES OF TRAFFIC, WORK ON ONE SIDE SHALL BE COMPLETED AND PROPERLY CLOSED BEFORE BEGINNING WORK ON THE OTHER SIDE.

AS TEMPORARY PAVEMENT WORK PROCEEDS, TRAFFIC CONTROL PER IDOT STD. 701326 SHALL BE INSTALLED. AFTER TEMPORARY WIDENING IS COMPLETED, CLOSE TEMPORARY PAVEMENT UNTIL STAGE 1 TRAFFIC CONTROL IS APPLIED, USING 100' C-C SPACING AND CHECK BARRICADES AT 500' SPACING. AT INTERSECTIONS, PLACE CLOSURE BARRICADES PER IDOT STD. 701701.

FILE NAME =	USER NAME = #USER#	DESIGNED = MAP	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - PRE-STAGE CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN = JRH	REVISED =			344	(46-15&47)WRS-3	LAKE	176	29	
		CHECKED = JW	REVISED =			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
		DATE = 12-12-08	REVISED =			SCALE: 1"=50'		SHEET NO. 1 OF 4 SHEETS		STA. 250+00 TO STA. 263+00	



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -
		DRAWN - JRH	REVISED -
		CHECKED - JW	REVISED -
		DATE - 12-12-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

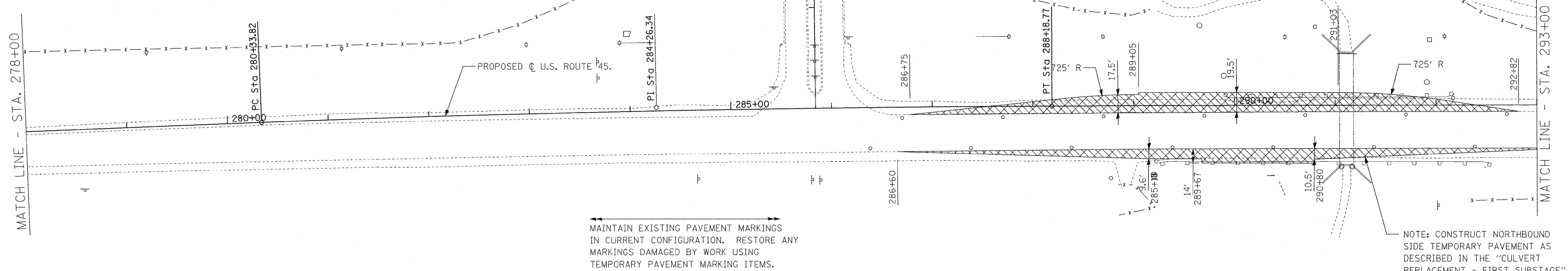
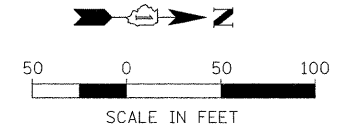
MAINTENANCE OF TRAFFIC - PRE-STAGE CONSTRUCTION

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 263+00 TO STA. 278+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	30
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

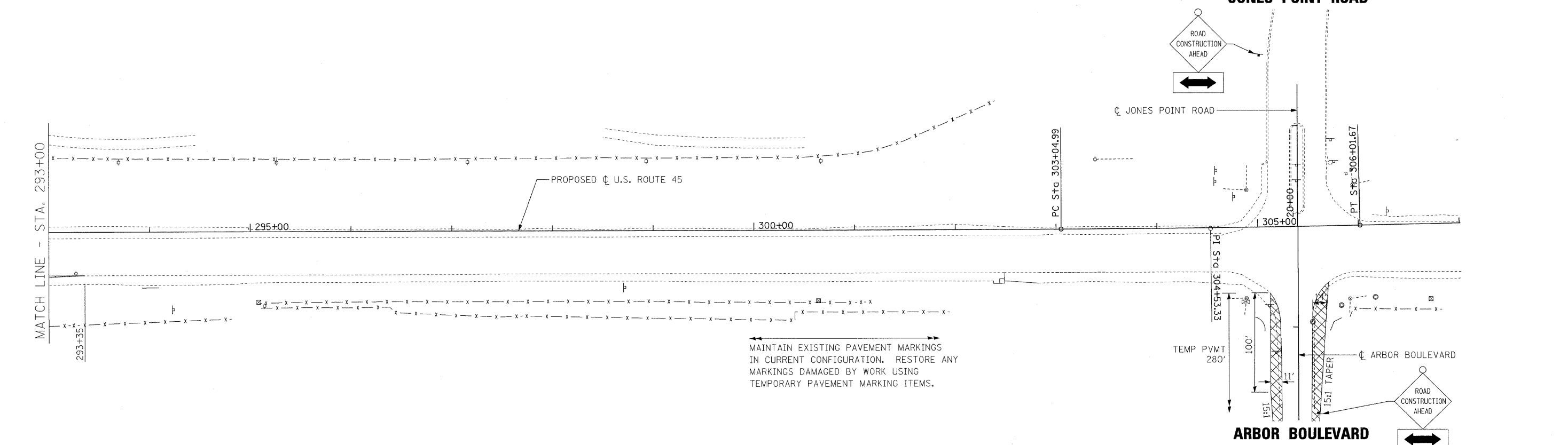
PRAIRIE SMOKE ROAD

REMOVE EXISTING M-2.12 CURB AND GUTTER
 PERFORM EARTH EXCAVATION
 INSTALL TEMPORARY PAVEMENT
 PERFORM ALL WORK USING TRAFFIC CONTROL
 PER IDOT STD 701501



NOTE: CONSTRUCT NORTHBOUND SIDE TEMPORARY PAVEMENT AS DESCRIBED IN THE "CULVERT REPLACEMENT - FIRST SUBSTAGE" AND "CULVERT REPLACEMENT - SECOND SUBSTAGE" DRAWINGS ON SHEET 33.

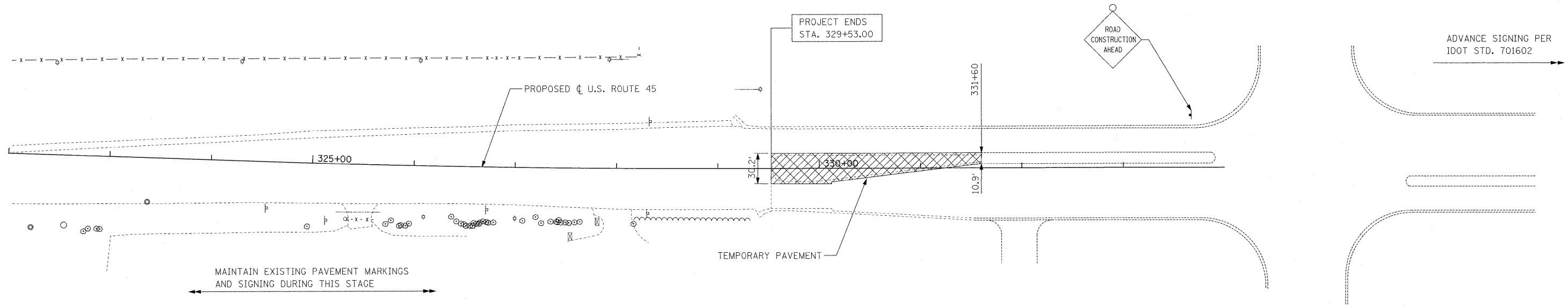
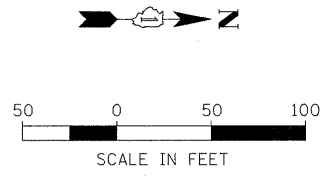
JONES POINT ROAD



ARBOR BOULEVARD



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - PRE-STAGE CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	31	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 278+00 TO STA. 307+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - PRE-STAGE CONSTRUCTION	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 32	
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			SCALE: 1" = 50'	SHEET NO. 4 OF 4 SHEETS	U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			STA. 307+00 TO STA. 334+00		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		DATE - 12-12-08	REVISED -								

GENERAL NOTES

THE CONTRACTOR SHALL COMPLETE THE REPLACEMENT OF THE EXISTING CULVERT AS QUICKLY AS POSSIBLE, SO AS TO MINIMIZE THE DURATION OF THE RUNAROUND CONFIGURATION AS SHOWN.

THE CONTRACTOR SHALL FOLLOW ALL OSHA AND IDOT GUIDELINES FOR TRENCH AND SLOPE PROTECTION. ANY NECESSARY RETENTION MEASURES SHALL BE INCIDENTAL TO INSTALLATION OF THE CULVERT.

RECOMMENDED SEQUENCE

PRIOR TO FIRST SUBSTAGE

REMOVE ALL SOUTHBOUND SIDE GUARDRAIL IN THE VICINITY OF THE PROPOSED WORK. CONSTRUCT SOUTHBOUND SIDE TEMPORARY PAVEMENT AS SHOWN IN THE PRESTAGE CONSTRUCTION PLANS.

INSTALL SOUTHBOUND SIDE TEMPORARY BARRIER WALL AS SHOWN FOR FIRST SUBSTAGE TRAFFIC CONTROL.

SET UP TRAFFIC CONTROL FOR FIRST SUBSTAGE TRAFFIC CONFIGURATION. SHIFT TRAFFIC.

CULVERT REPLACEMENT—FIRST SUBSTAGE

INSTALL NORTHBOUND SIDE TEMPORARY BARRIER WALL IN THE CONFIGURATION SHOWN.

REMOVE THE SECTION OF NORTHBOUND SIDE GUARDRAIL SHOWN.

CONSTRUCT OUTFALL, PIPE AND STRUCTURES WITHIN THE WORK LIMIT SHOWN, OR AS APPROVED BY THE ENGINEER. CONSTRUCT TOP OF DRAINAGE STRUCTURES TO LEVEL OF TEMPORARY PAVEMENT TO BE BUILT IN NORTHBOUND SHOULDER. BACKFILL AS DIRECTED IN THE PLANS AND SPECIFICATIONS.

CONSTRUCT NORTHBOUND SIDE TEMPORARY PAVEMENT AS SHOWN.

SET UP TRAFFIC CONTROL FOR SECOND SUBSTAGE TRAFFIC CONFIGURATION. SHIFT TRAFFIC.

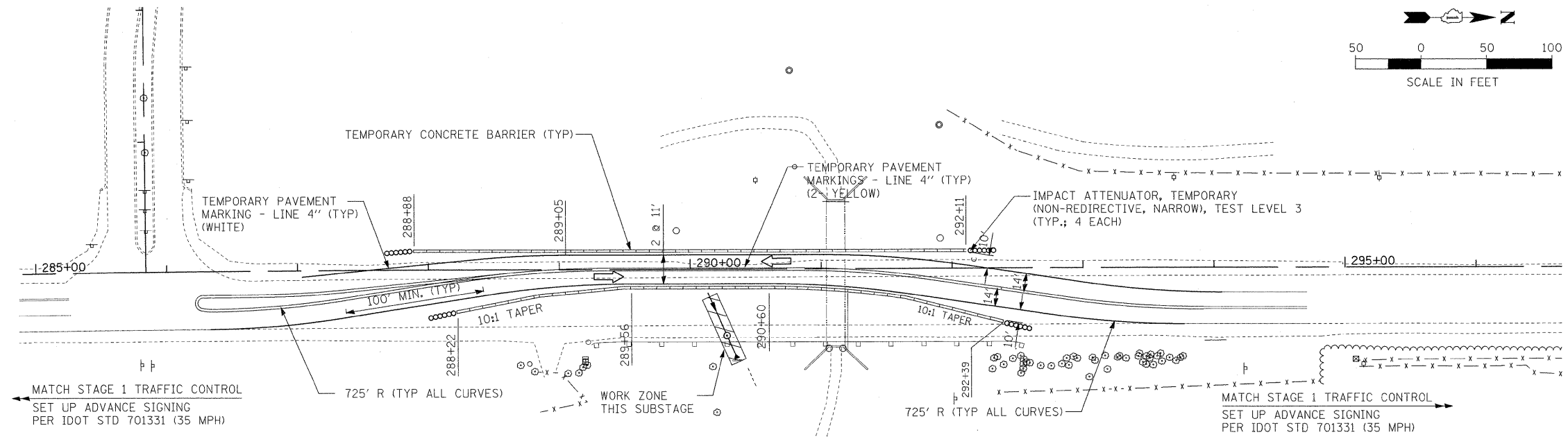
CULVERT REPLACEMENT—SECOND SUBSTAGE

CONSTRUCT OUTFALL, PIPE AND STRUCTURES WITHIN THE WORK LIMIT SHOWN, OR AS APPROVED BY THE ENGINEER. BACKFILL AS DIRECTED IN THE PLANS AND SPECIFICATIONS.

REPAIR EXISTING PAVEMENT OVER THE EXCAVATION AS NEEDED. WORK SHALL BE PAID FOR AS "TEMPORARY PAVEMENT."

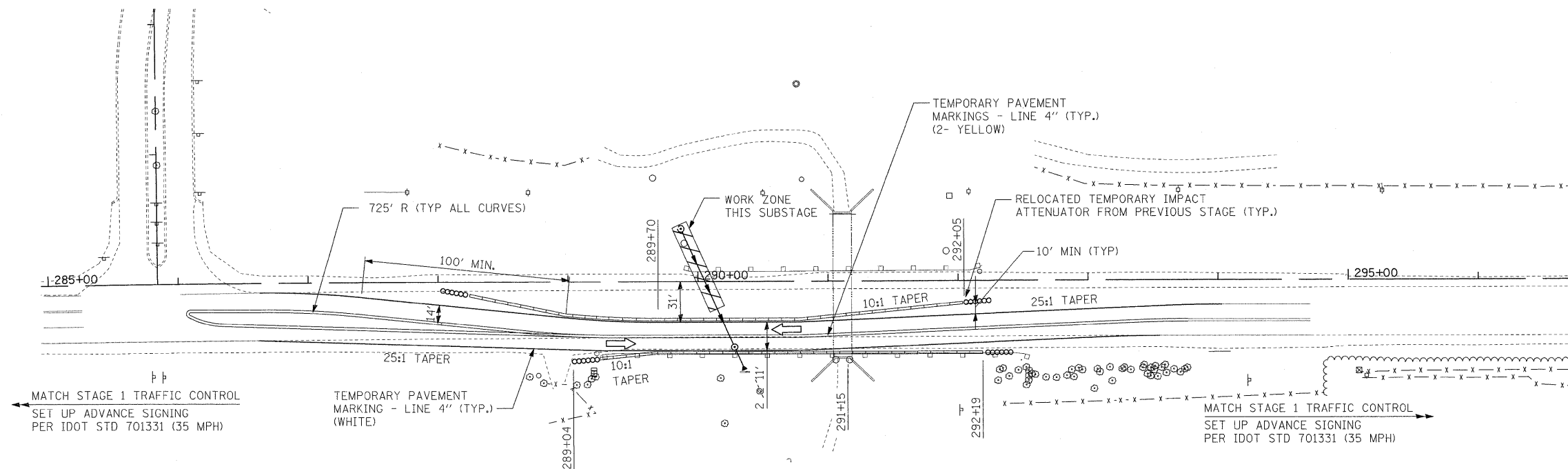
SET UP TRAFFIC CONTROL FOR CONFIGURATION SHOWN IN STAGE 1 TRAFFIC PLANS. SHIFT TRAFFIC.

PRAIRIE SMOKE ROAD

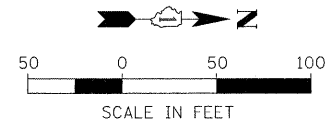


CULVERT REPLACEMENT—FIRST SUBSTAGE

PRAIRIE SMOKE ROAD



CULVERT REPLACEMENT—SECOND SUBSTAGE



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	33
		CHECKED - JW	REVISED -						U.S. ROUTE 45 RECONSTRUCTION				CONTRACT NO. 60957
		DATE - 12-12-08	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPEL DRIVE

SUBSTAGE PATCHING AND RESURFACING WORK IN THIS AREA TO PROVIDE FOR ACCESS ACROSS INTERSECTION AT ALL TIMES.

SUBSTAGE PATCHING AND RESURFACING WORK IN THIS AREA TO PROVIDE FOR SOUTHBOUND LEFT TURN LANE AT ALL TIMES.

INSTALL TRAFFIC CONTROL FOR LEFT LANE CLOSURE PER IDOT STD. 701401 (FULL LANE CLOSURE IN ADVANCE OF LEFT TURN LANE TAPER)

TEMPORARY PAVEMENT MARKING LINE 4" (YELLOW) (TYP)

LIBERTYVILLE SPORTS COMPLEX ENTRANCE

SUBSTAGE REPAIR WORK (COMPLETE AFTER SHIFTING SOUTHBOUND TRAFFIC TO FINISHED LEFT LANE)

TEMPORARY PAVEMENT MARKING LINE 4" (YELLOW) (TYP)

49+00 WORK ZONE LIMITS

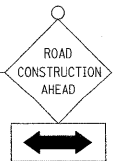
+50 END LANE SHIFT TAPER

MATCH LINE - STA. 238+00

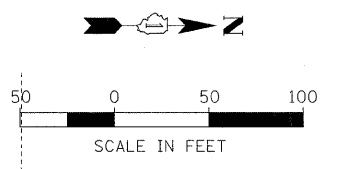
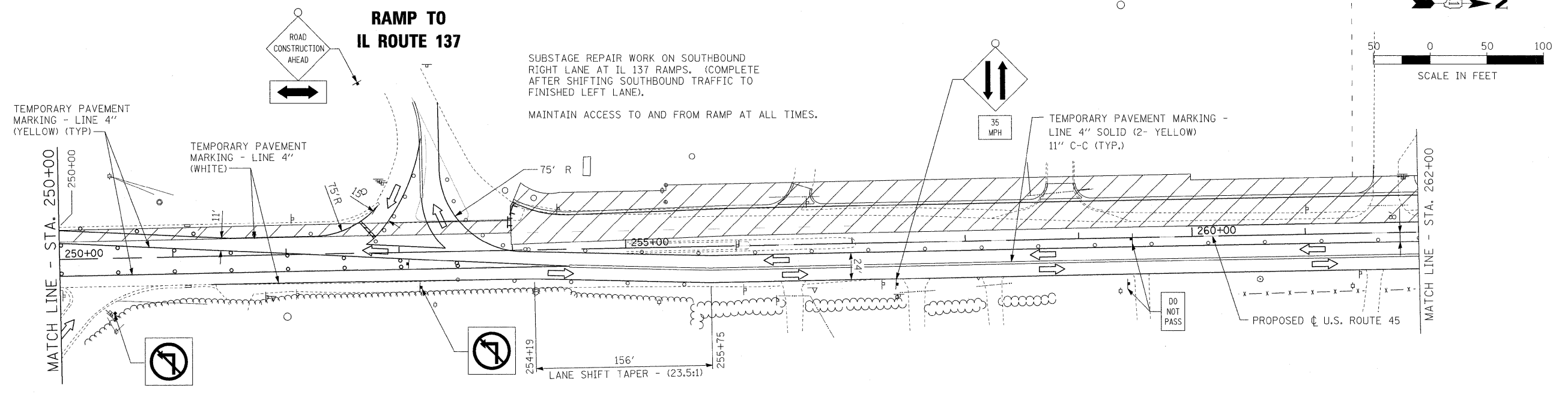
MATCH LINE - STA. 250+00

IL ROUTE 137

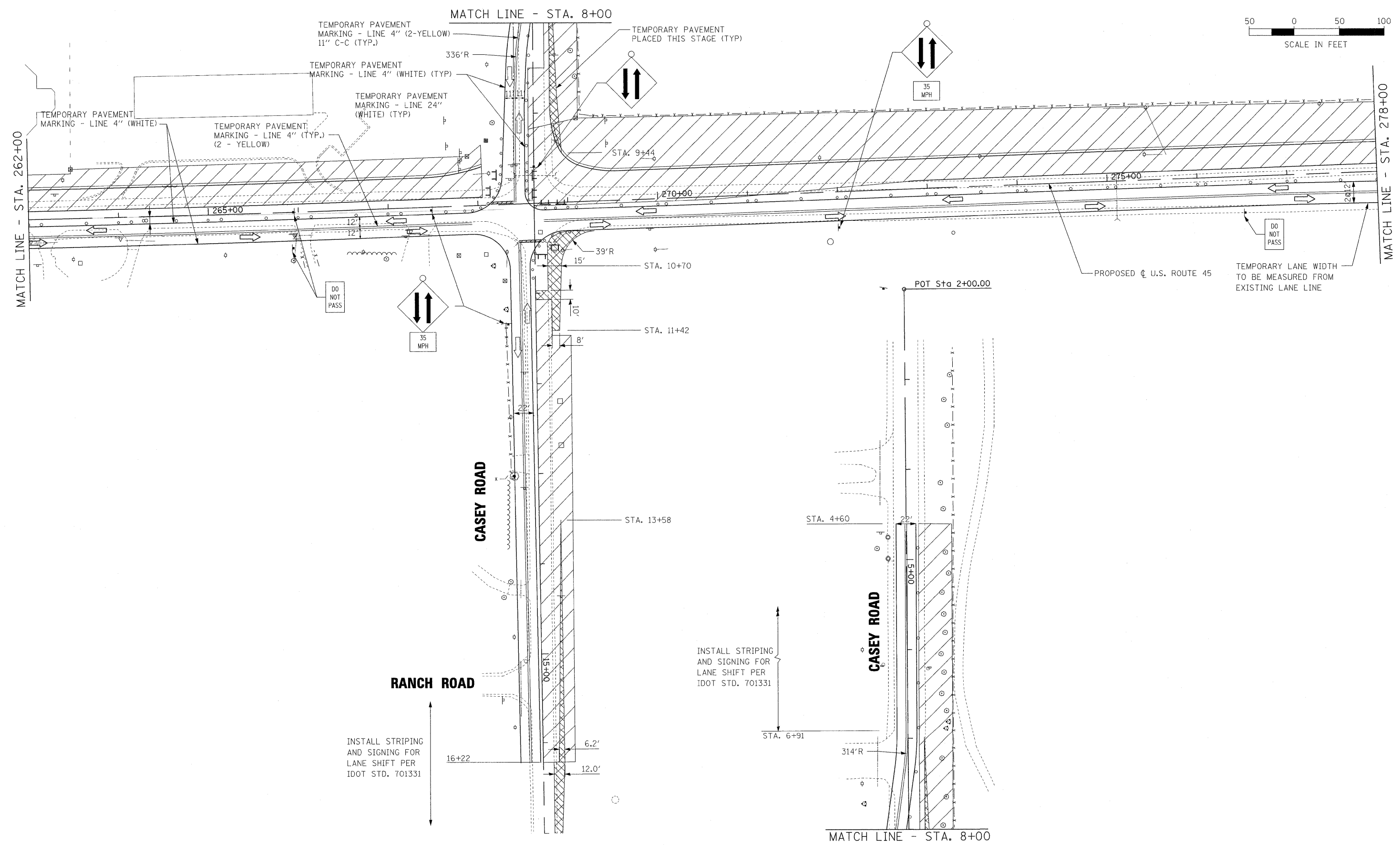
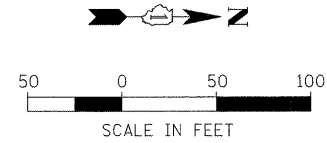
RAMP TO IL ROUTE 137



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1			F.A.P. RTE. 344	SECTION (46-15&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 34
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. S LIMIT TO STA. 250+00	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 12-12-08	REVISED -									



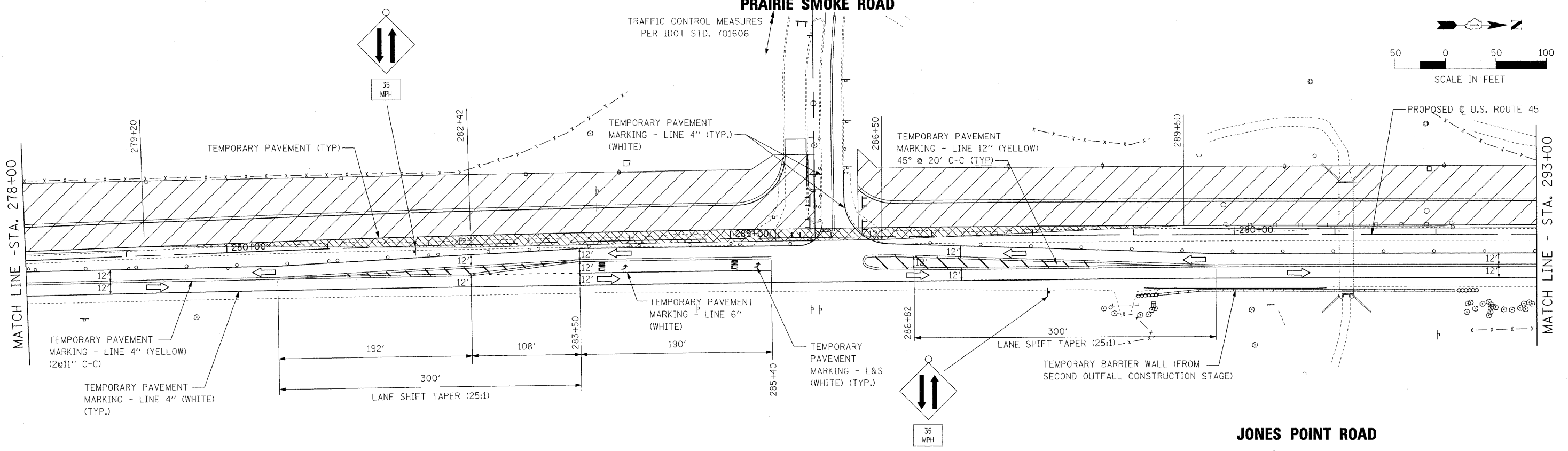
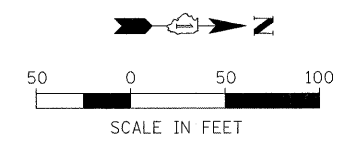
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	35	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: 1"=50'		SHEET NO. 2 OF 5 SHEETS		STA. 250+00 TO STA. 262+00	



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 1	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 36	
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			SCALE: 1"=50'	SHEET NO. 3 OF 5 SHEETS	U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			STA. 262+00 TO STA. 278+00		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		DATE - 12-12-08	REVISED -								

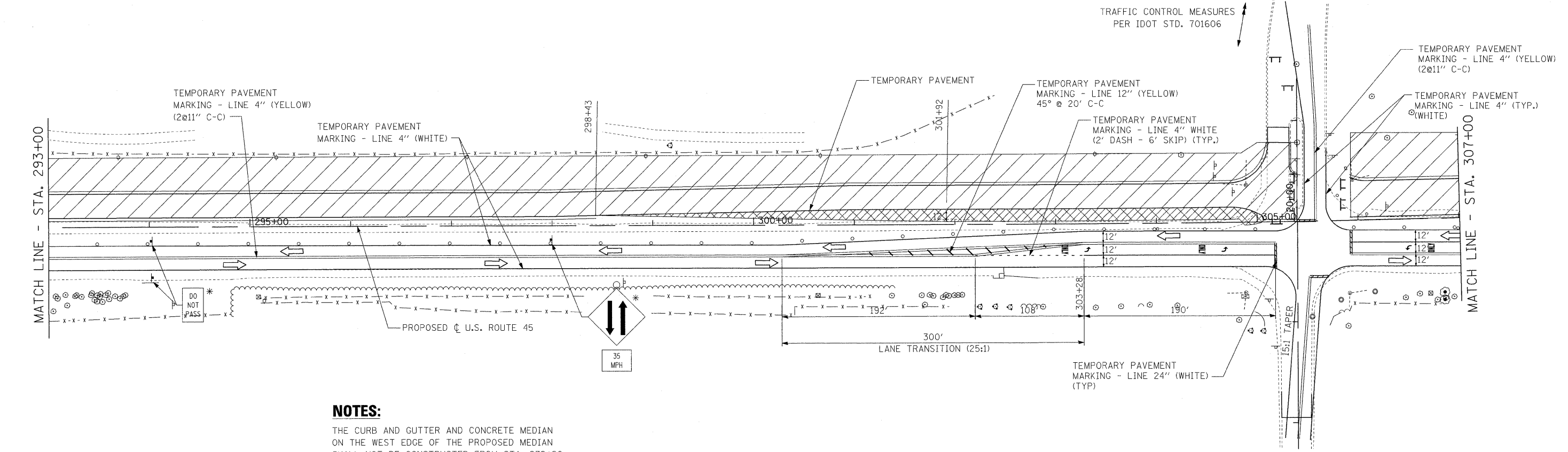
PRAIRIE SMOKE ROAD

TRAFFIC CONTROL MEASURES PER IDOT STD. 701606



JONES POINT ROAD

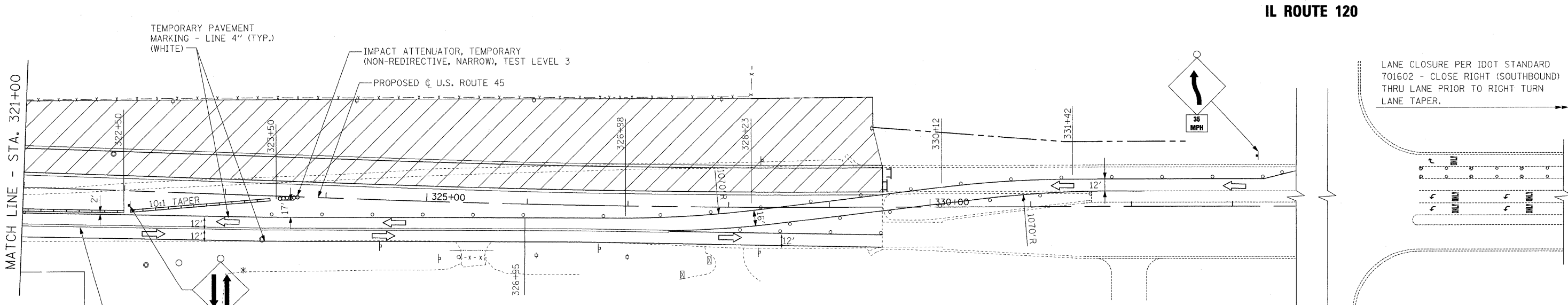
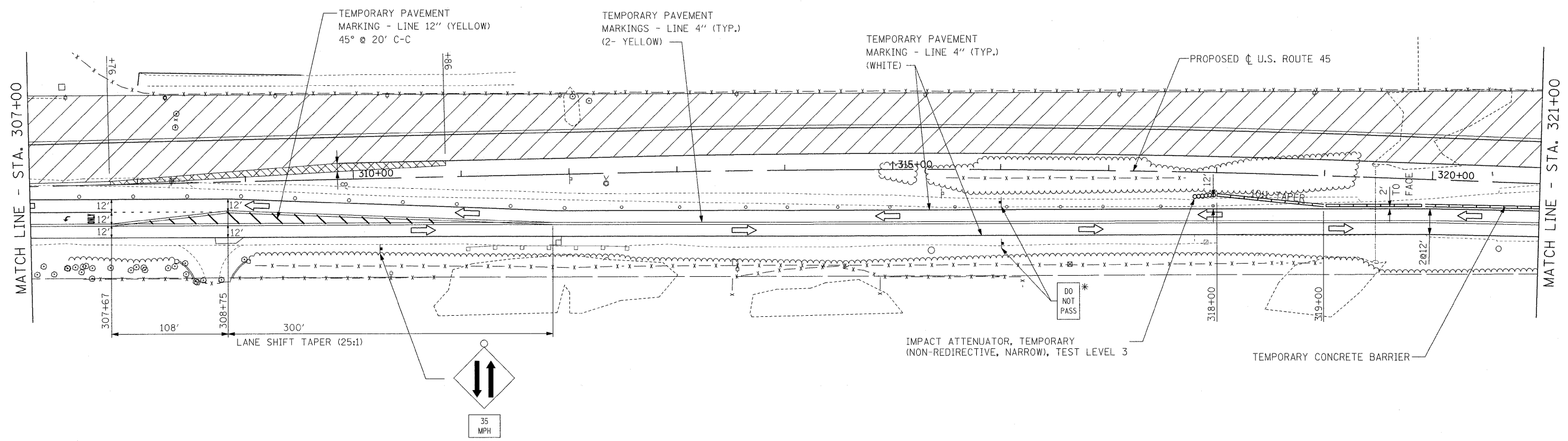
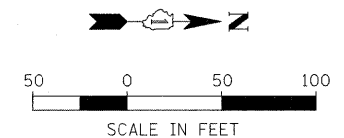
TRAFFIC CONTROL MEASURES PER IDOT STD. 701606



NOTES:
 THE CURB AND GUTTER AND CONCRETE MEDIAN ON THE WEST EDGE OF THE PROPOSED MEDIAN SHALL NOT BE CONSTRUCTED FROM STA. 279+20 TO STA. 289+50 AND STA. 298+43 TO STA. 305+50 UNTIL STAGE 3.
 * SHALL BE REPEATED EVERY 1/4 MILE.
 TEMPORARY PAVEMENT MARKINGS FOR US 45 SHOWN ON THIS SHEET SHALL BE MEASURED FROM EXISTING RIGHT (NORTHBOUND) EDGE OF PAVEMENT.

ARBOR BOULEVARD

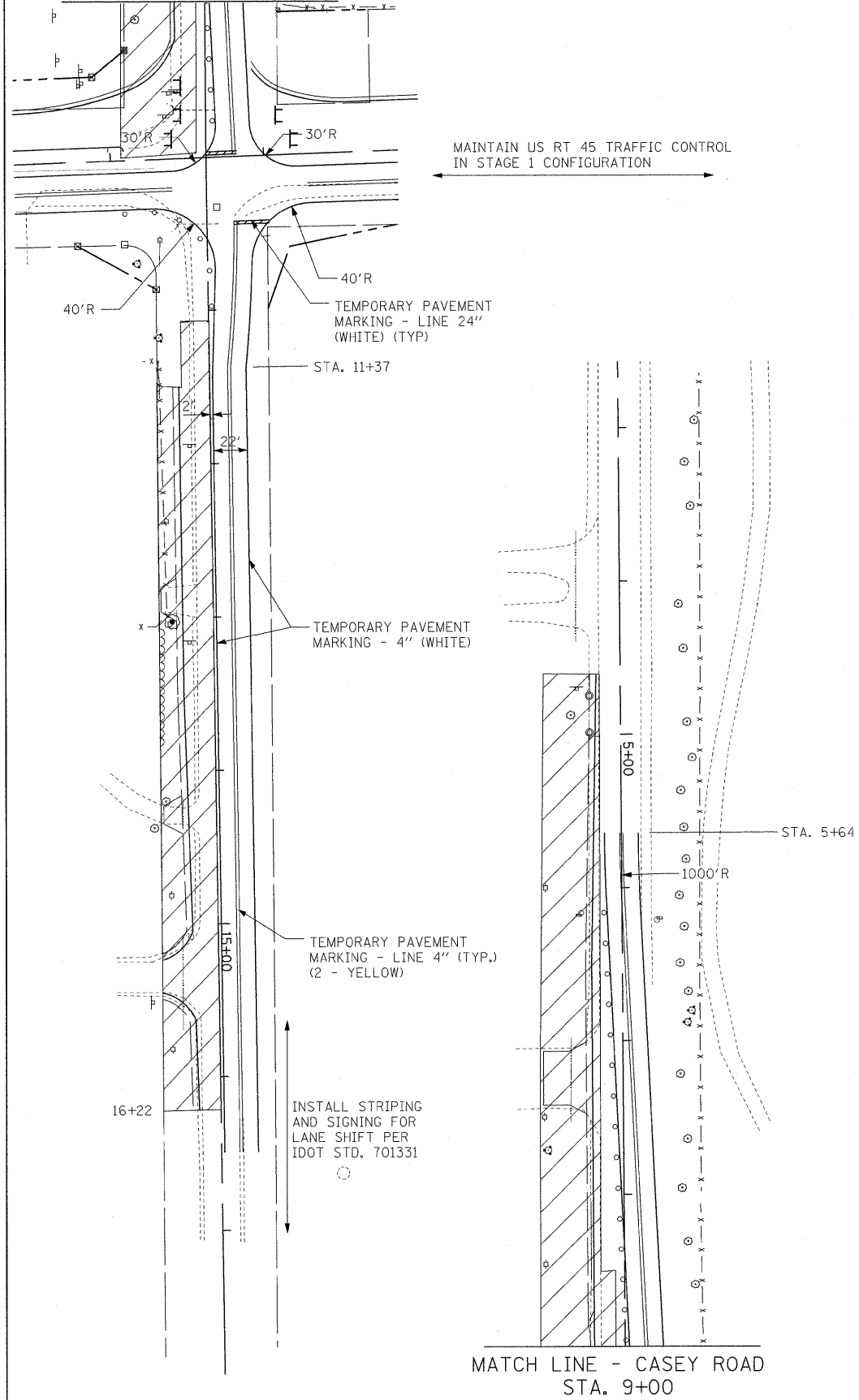
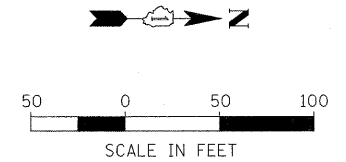
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1			F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 37
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS	STA. 278+00 TO STA. 307+00	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
		DATE - 12-12-08	REVISED -									



NOTES:
 THE CURB AND GUTTER AND CONCRETE MEDIAN ON THE WEST EDGE OF THE PROPOSED MEDIAN SHALL NOT BE CONSTRUCTED FROM STA. 323+00 TO THE NORTH CONSTRUCTION LIMIT UNTIL STAGE 3.
 *SHALL BE REPEATED EVERY 1/4 MILE.
 TEMPORARY PAVEMENT MARKINGS FOR US 45 SHOWN ON THIS SHEET SHALL BE MEASURED FROM EXISTING RIGHT (NORTHBOUND) EDGE OF PAVEMENT.

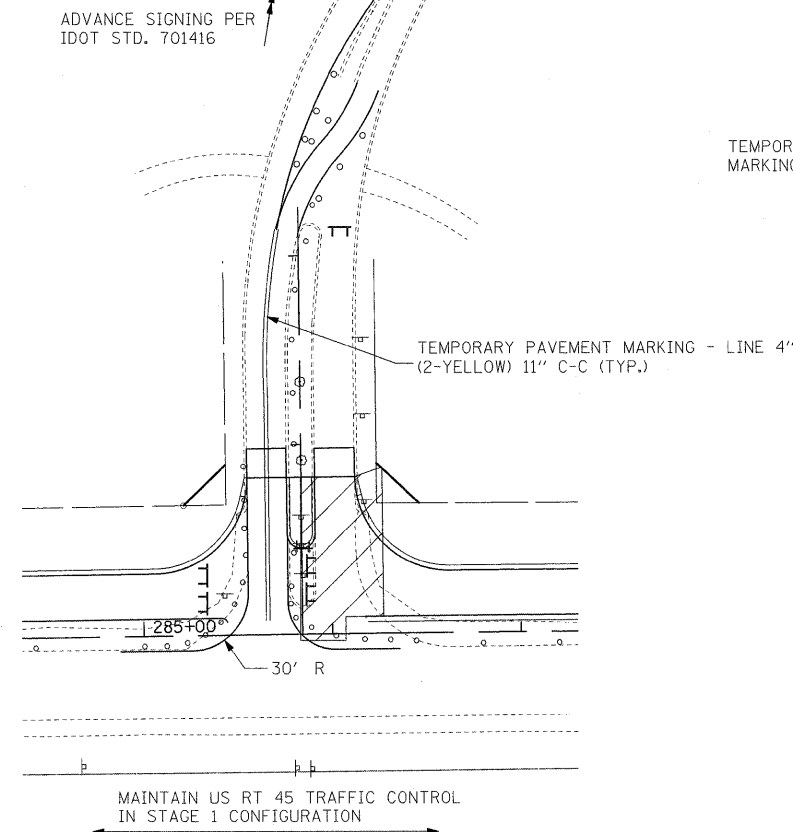
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 38		
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			SCALE: 1"=50'	SHEET NO. 5 OF 5 SHEETS	STA. 307+00	TO STA. 334+00	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE - 12-12-08	REVISED -									

MATCH LINE - CASEY ROAD
STA. 9+00

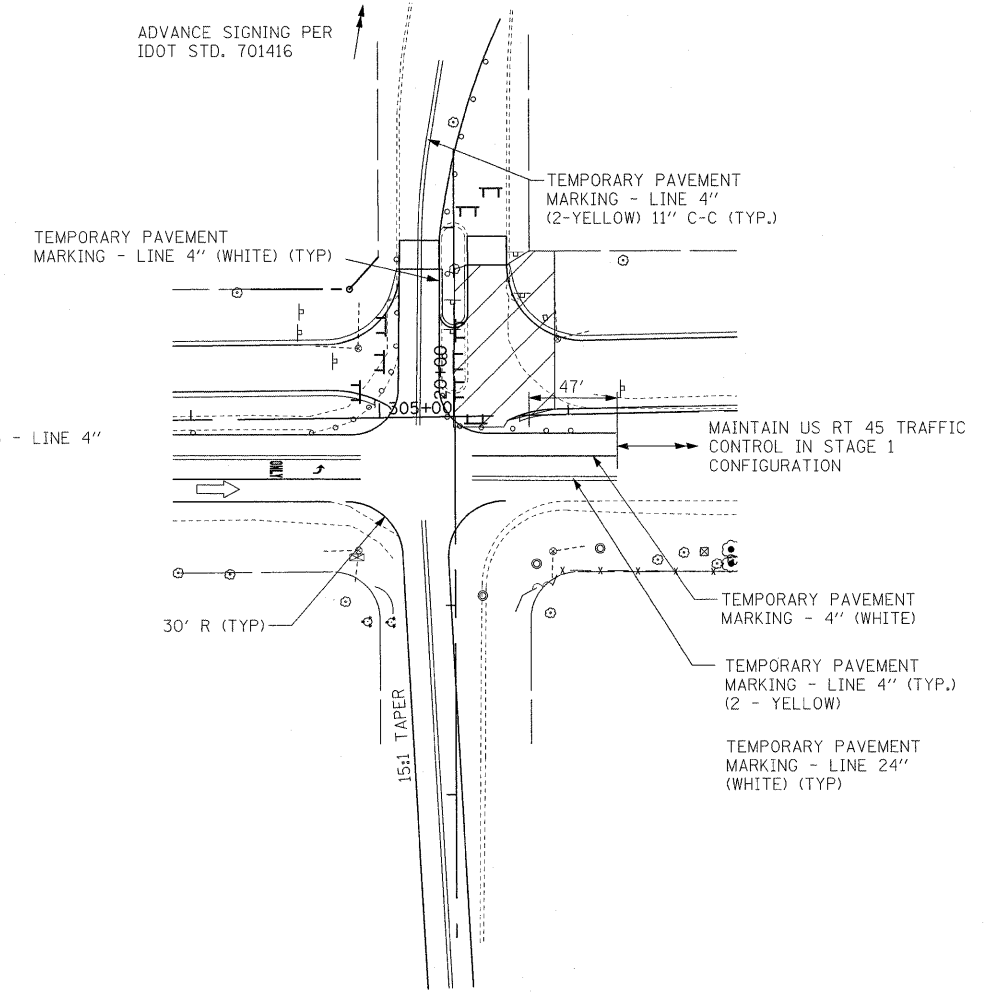


MATCH LINE - CASEY ROAD
STA. 9+00

PRAIRIE SMOKE ROAD



JONES POINT ROAD



ARBOR BOULEVARD

STAGE 1A - U.S. ROUTE 45 AT
CASEY ROAD, PRAIRIE SMOKE ROAD, AND
JONES POINT ROAD / ARBOR BLVD.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1A			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -					344	(46-1S&47)WRS-3	LAKE	176	39
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957				
		DATE - 12-12-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SUBSTAGE PATCHING AND RESURFACING WORK IN THIS AREA TO PROVIDE FOR ACCESS ACROSS INTERSECTION AT ALL TIMES, USING STAGING AND TRAFFIC CONTROL PER IDOT STD. 701701.

INSTALL TRAFFIC CONTROL FOR RIGHT LANE CLOSURE PER IDOT STD. 701401 (FULL LANE CLOSURE IN ADVANCE OF RIGHT TURN LANE TAPER)

TEMPORARY PAVEMENT MARKING LINE 4" (WHITE) (TYP)

MATCH LINE - STA. 238+00

MATCH LINE - STA. 238+00

TEMPORARY PAVEMENT MARKING LINE 4" (WHITE) (TYP)

SUBSTAGE PATCHING AND RESURFACING WORK IN THIS AREA TO PROVIDE FOR ACCESS TO RAMP AT ALL TIMES.

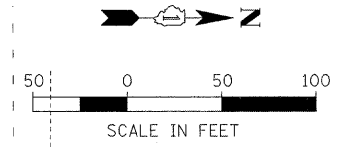
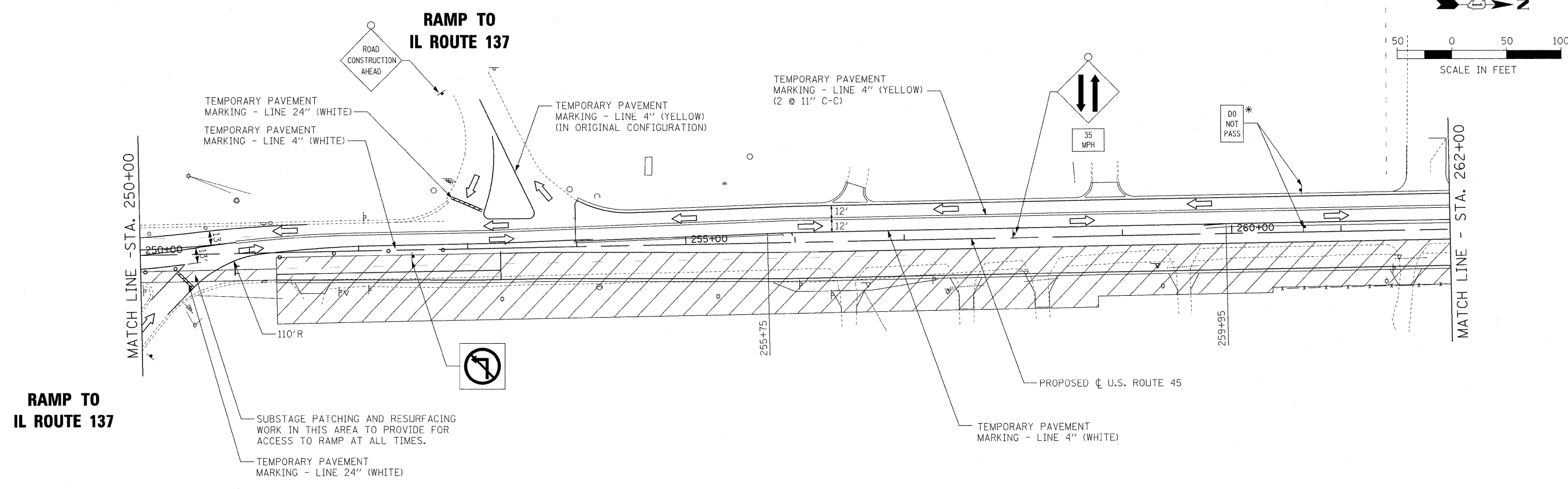
MATCH LINE - STA. 250+00

EXIT

RAMP TO IL ROUTE 137



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	40	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			SCALE: 1" = 50'		SHEET NO. 1 OF 5 SHEETS		STA. SOUTH LIM TO STA. 250+00	



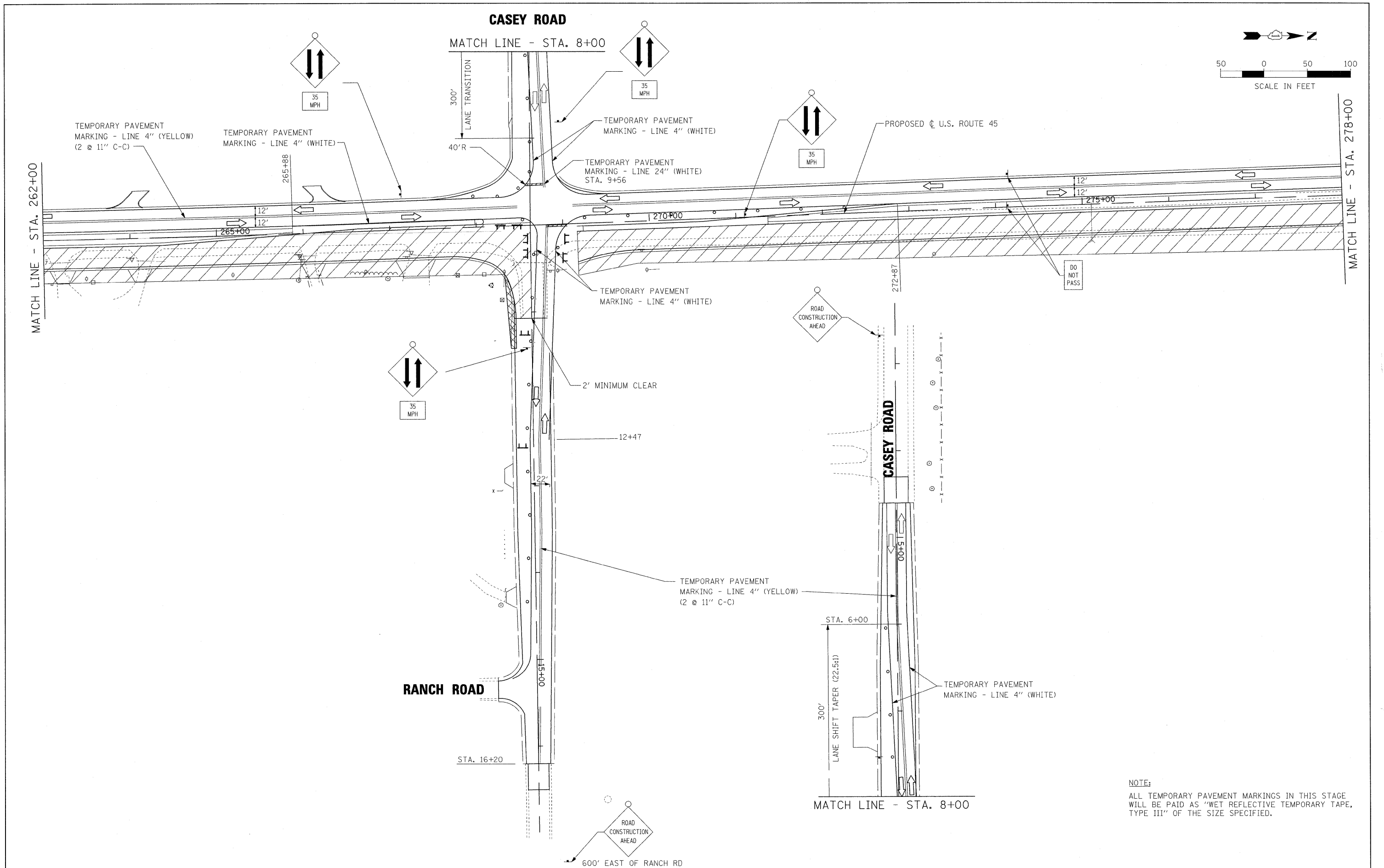
**RAMP TO
IL ROUTE 137**

**RAMP TO
IL ROUTE 137**

CROSSOVER TO BE INSTALLED USING
LANE MARKING, TRAFFIC CONTROL AND
ADVANCE SIGNING PER IDOT STD 701606.

NOTE:
*SHALL BE REPEATED EVERY 1/4 MILE.
ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE
WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE,
TYPE III" OF THE SIZE SPECIFIED.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -					344	(46-1S&47)WRS-3	LAKE	176	41
PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -	REVISED -	SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. 250+00 TO STA. 262+00			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



NOTE:
 ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE, TYPE III" OF THE SIZE SPECIFIED.

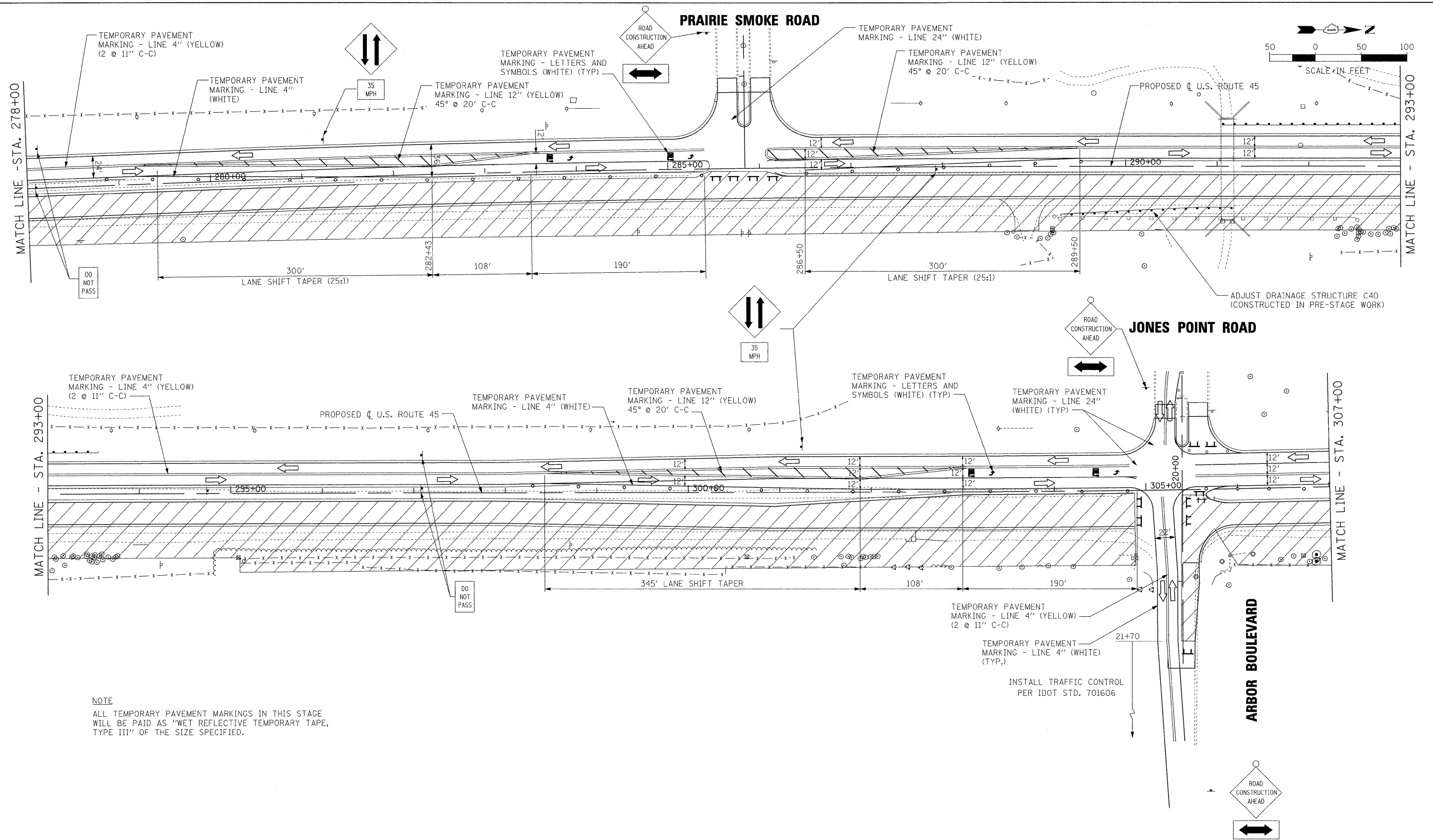
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -
		DRAWN - JRH	REVISED -
		CHECKED - JW	REVISED -
		DATE - 12-12-08	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 2

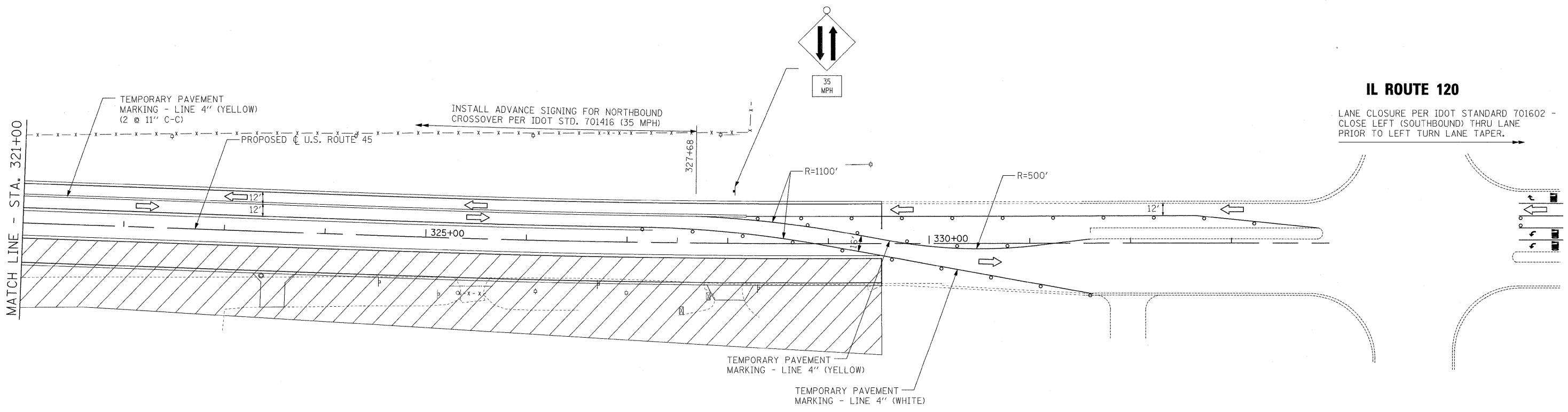
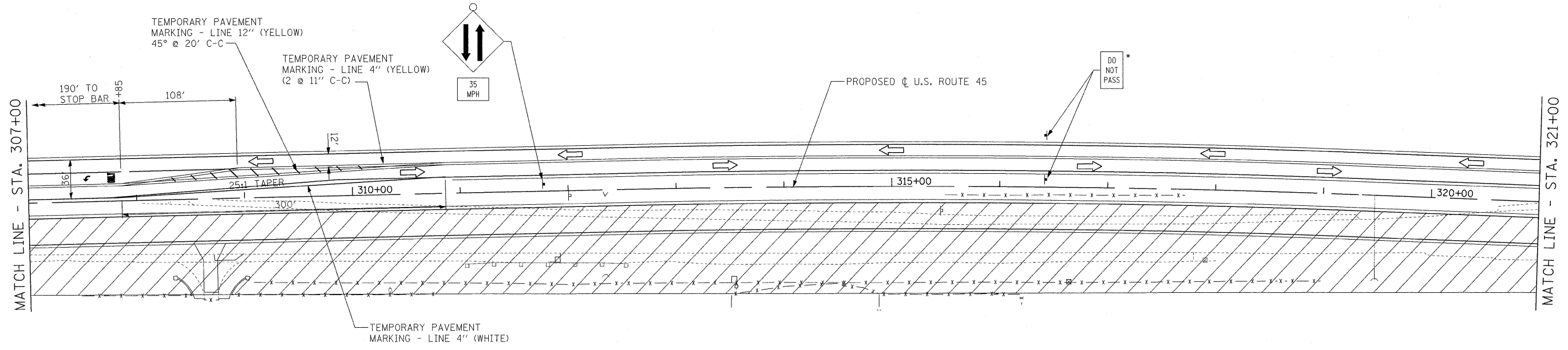
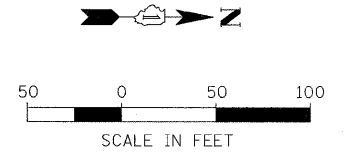
SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. 262+00 TO STA. 278+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	42
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



NOTE
 ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE
 WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE,
 TYPE III" OF THE SIZE SPECIFIED.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 2			F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 43
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 5 SHEETS	STA. 278+00 TO STA. 307+00	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 12-12-08	REVISED -									



IL ROUTE 120

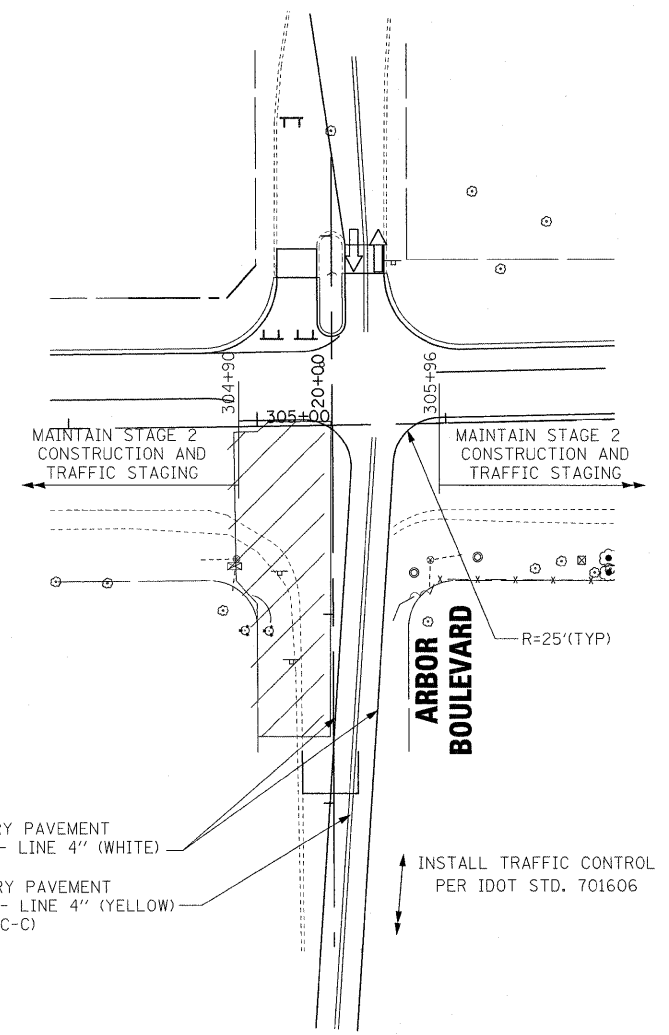
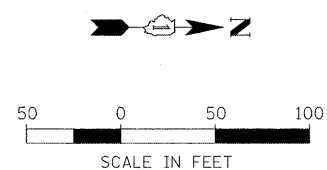
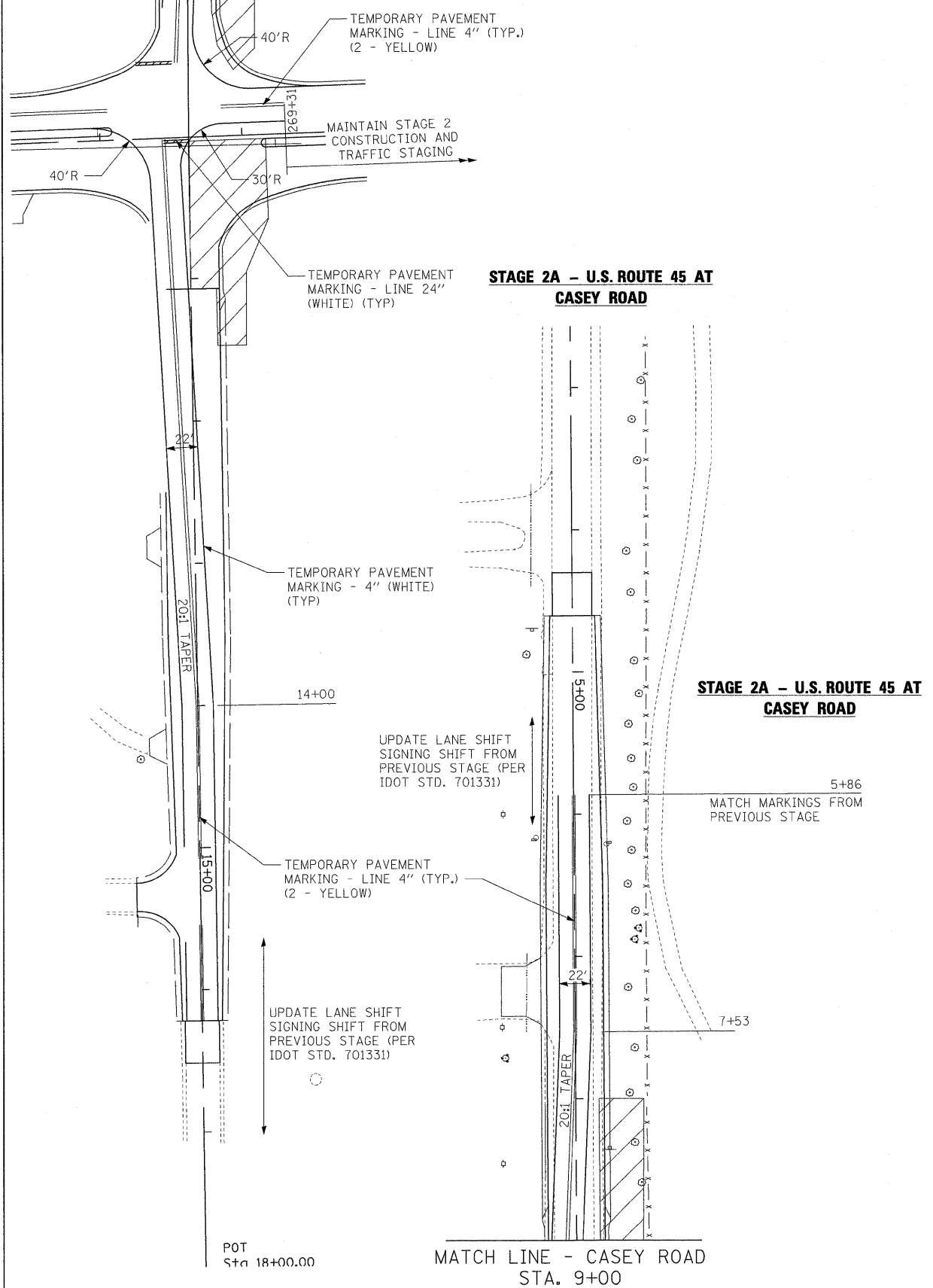
LANE CLOSURE PER IDOT STANDARD 701602 - CLOSE LEFT (SOUTHBOUND) THRU LANE PRIOR TO LEFT TURN LANE TAPER.

NOTES

* SHALL BE REPEATED EVERY 1/4 MILE.
ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE, TYPE III" OF THE SIZE SPECIFIED.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 2			F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 44
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 5 SHEETS	STA. 307+00 TO STA. 334+00	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		DATE - 12-12-08	REVISED -									

MATCH LINE - CASEY ROAD
STA. 9+00



NOTE
ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE, TYPE III" OF THE SIZE SPECIFIED.

**STAGE 2A - U.S. ROUTE 45 AT
JONES POINT ROAD / ARBOR BLVD.**

STAGE 2A - U.S. ROUTE 45 AT
CASEY ROAD, PRAIRIE SMOKE ROAD, AND
JONES POINT ROAD / ARBOR BLVD.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -
#FILE#		DRAWN - JRH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -

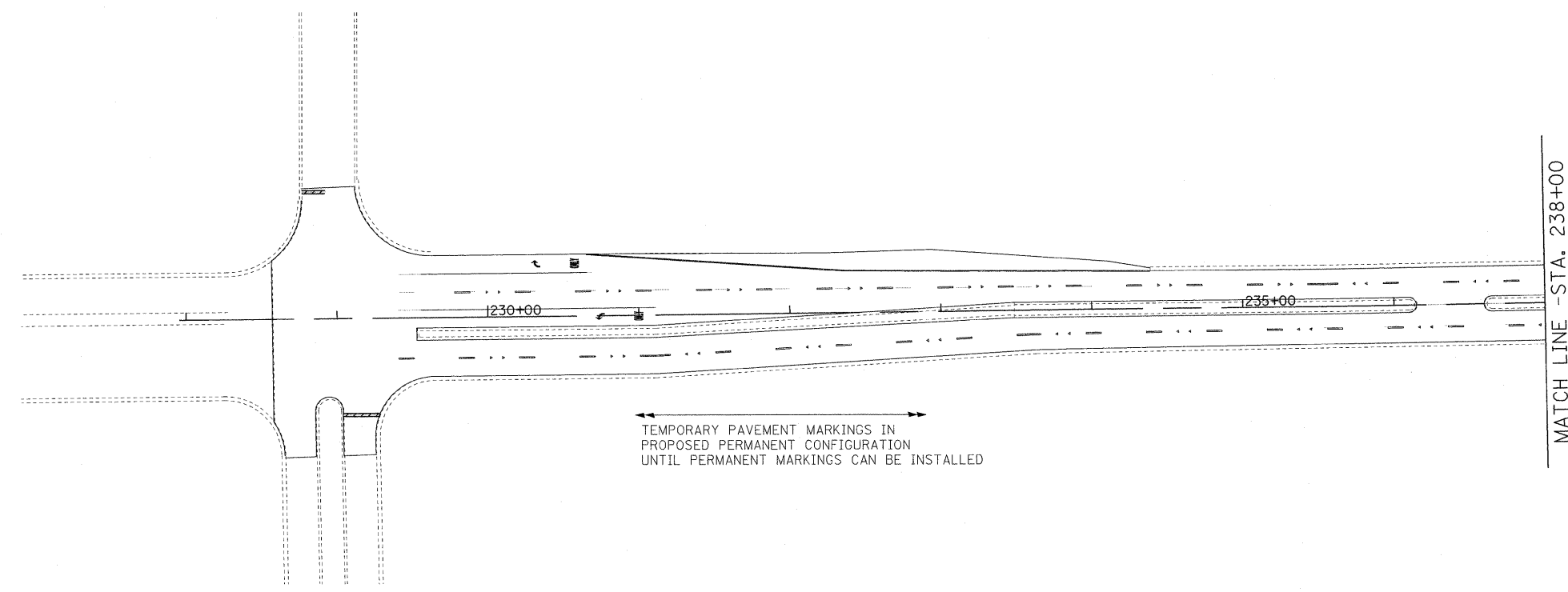
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC — STAGE 2A

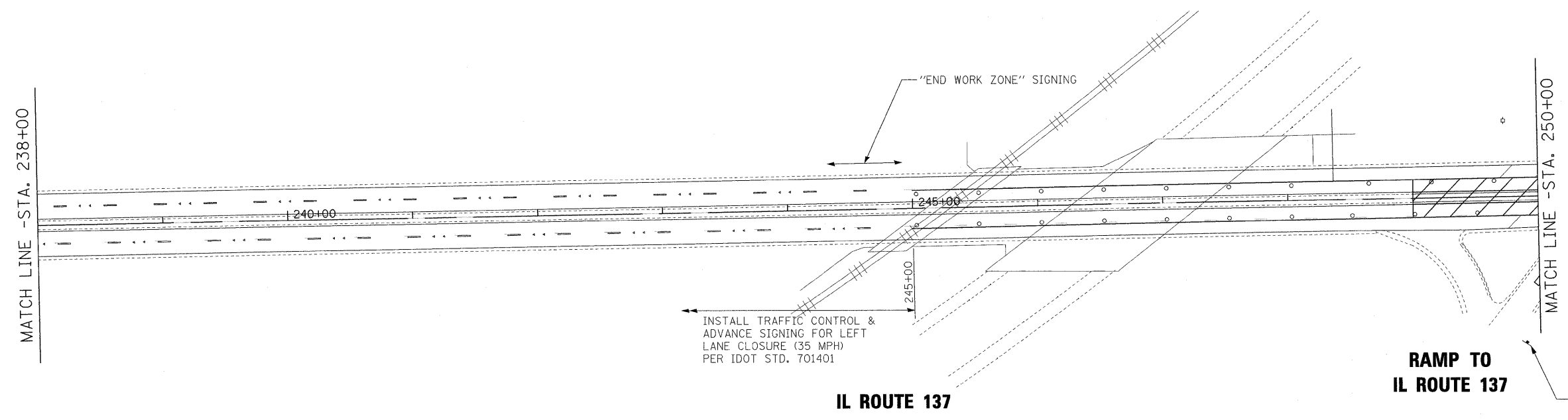
SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	45
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPEL DRIVE



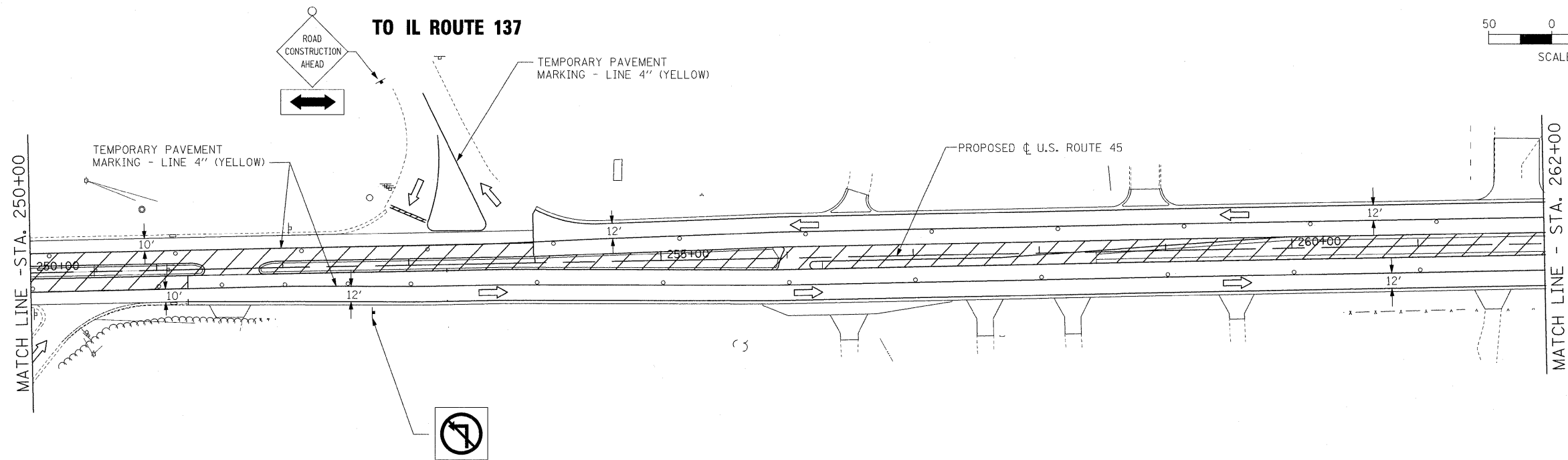
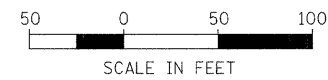
LIBERTYVILLE
SPORTS COMPLEX
ENTRANCE



IL ROUTE 137

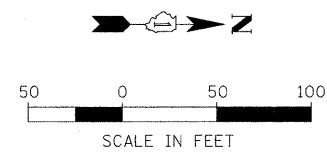
RAMP TO
IL ROUTE 137

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 3	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 46		
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957					
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. TEMPEL DR TO STA. 250+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
		DATE - 12-12-08	REVISED -									



NOTE:
 ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE
 WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE,
 TYPE III" OF THE SIZE SPECIFIED.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-15&47)WRS-3	LAKE	176	47	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: 1" = 50'		SHEET NO. 2 OF 5 SHEETS		STA. 250+00 TO STA. 262+00	

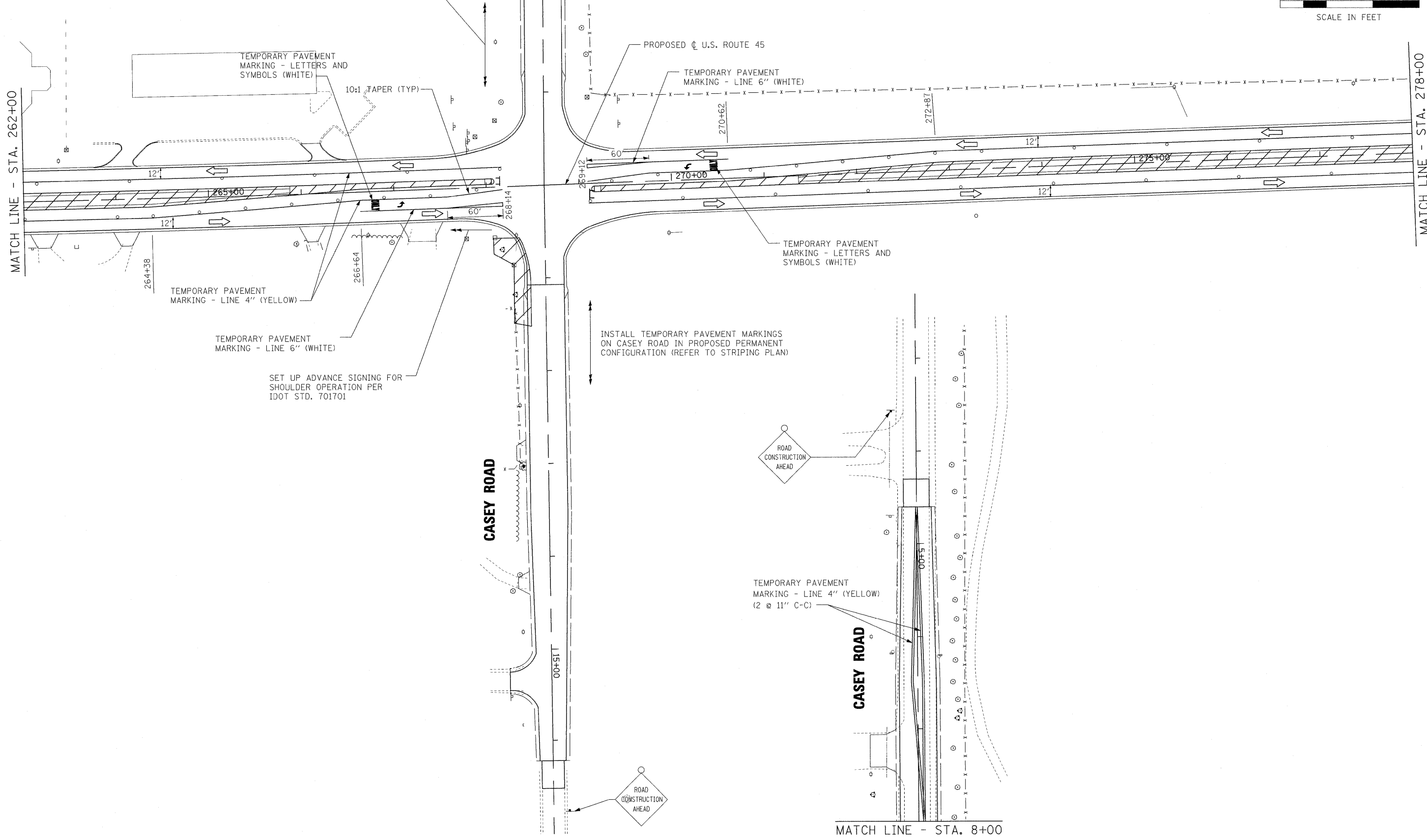


INSTALL TEMPORARY PAVEMENT MARKINGS ON CASEY ROAD IN PROPOSED PERMANENT CONFIGURATION (REFER TO STRIPING PLAN)

MATCH LINE - STA. 8+00

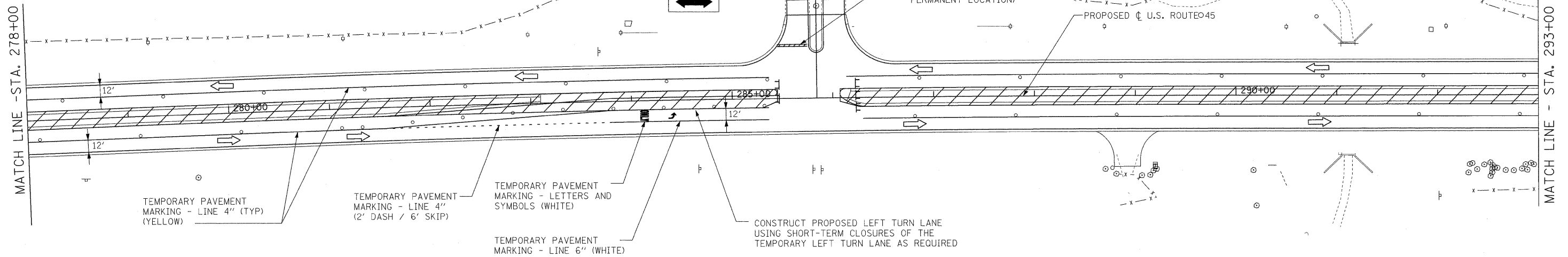
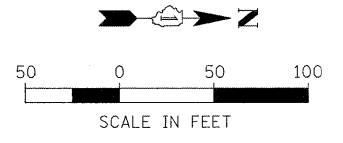
MATCH LINE - STA. 262+00

MATCH LINE - STA. 278+00

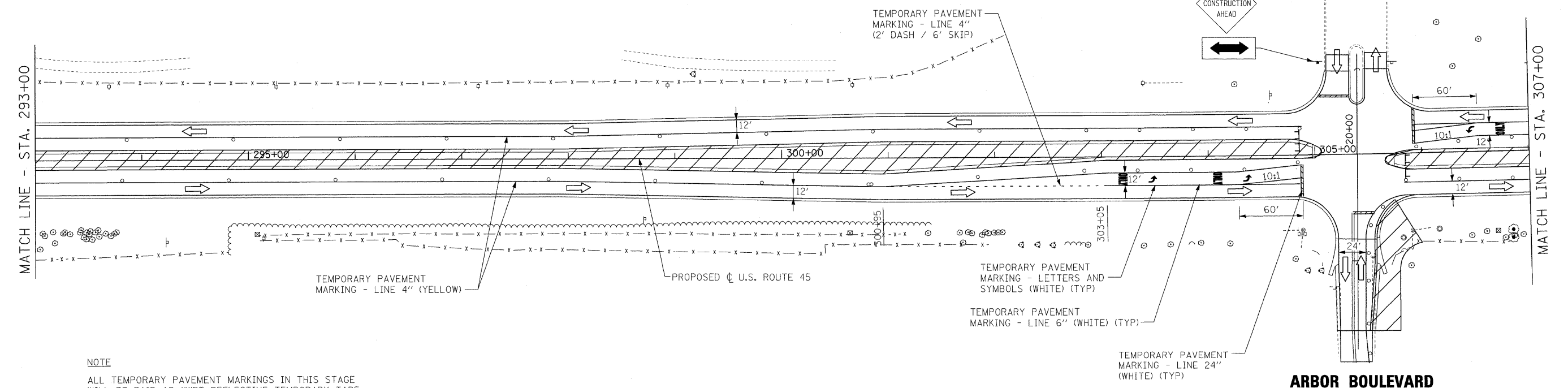


FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 3	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 48	
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 5 SHEETS	U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			STA. 262+00	TO STA. 278+00				
		DATE - 12-12-08	REVISED -								

PRAIRIE SMOKE ROAD



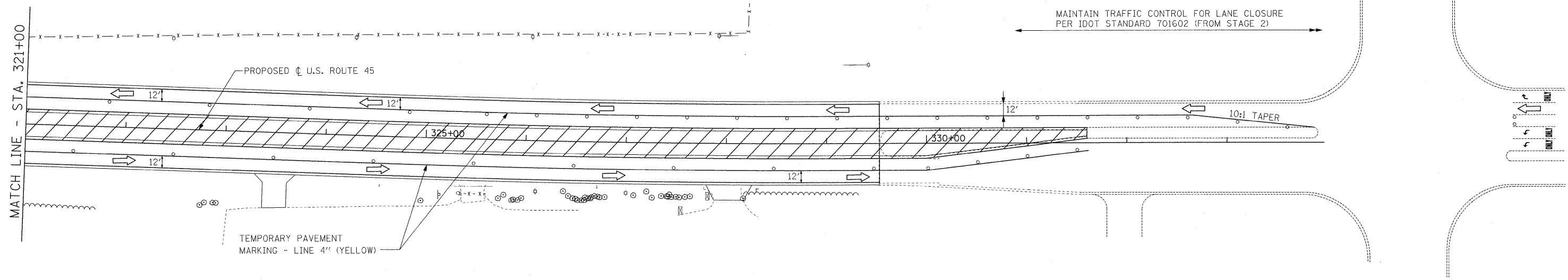
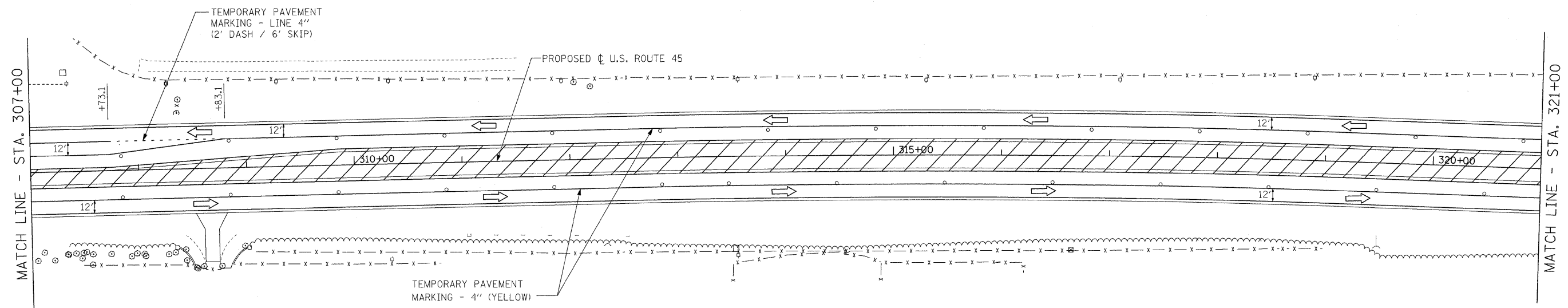
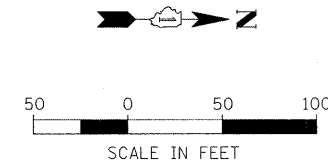
JONES POINT ROAD



ARBOR BOULEVARD

NOTE
ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE, TYPE III" OF THE SIZE SPECIFIED.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	49	
		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
					SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS		STA. 278+00 TO STA. 307+00			



IL ROUTE 120

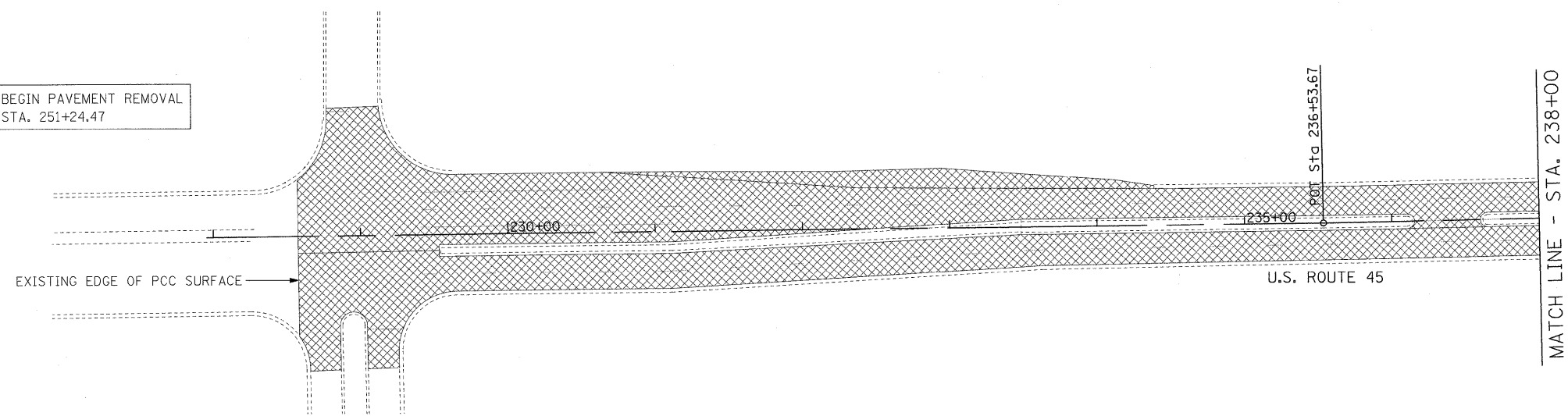
NOTES
 ALL TEMPORARY PAVEMENT MARKINGS IN THIS STAGE WILL BE PAID AS "WET REFLECTIVE TEMPORARY TAPE, TYPE III" OF THE SIZE SPECIFIED.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC — STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	50	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957					
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
					SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 307+00	TO STA. 334+00			

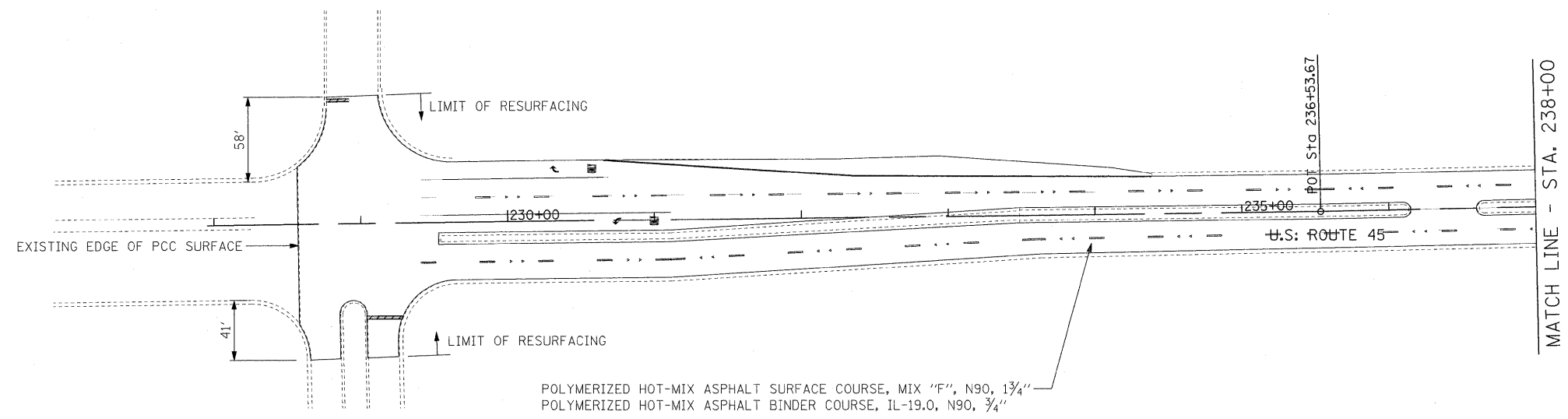
DATE	
BY	
REVISIONS	
NOTED	
ALIGNED	
CHECKED	
PLANNED	
FILE NAME	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
NOTED	
GRADES CHECKED	
E.M. NOTED	
STRUCTURE NOTATIONS CHECKED	
NO.	
PROFILE	
NOTE BOOK	
NO.	

BEGIN PAVEMENT REMOVAL
STA. 251+24.47



EXISTING CONDITIONS AND REMOVALS - U.S ROUTE 45



PROPOSED ROADWAY PLAN - U.S ROUTE 45

- NOTES:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL DRIVEWAYS ARE BITUMINOUS UNLESS OTHERWISE NOTED.
 3. FOR DETAILED ALIGNMENT DATA REFER TO "ALIGNMENT, TIES AND BENCHMARKS" SHEETS.
 4. PROPOSED PAVEMENT FOR BUTT JOINT AREA ON US ROUTE 45 PAID FOR AS: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90

BETWEEN TEMPEL DRIVE AND STA. 253+99.12, THE FOLLOWING REMOVAL ITEM QUANTITIES SHALL BE EXPENDED, AT LOCATIONS TO BE DETERMINED BY THE ENGINEER:

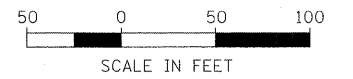
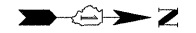
1850 LF COMBINATION CURB & GUTTER REMOVAL

BETWEEN TEMPEL DRIVE AND THE SOUTH RECONSTRUCTION LIMITS, THE FOLLOWING ROADWAY CONSTRUCTION ITEM QUANTITIES SHALL BE EXPENDED, AT LOCATIONS TO BE DETERMINED BY THE ENGINEER:

- 22 EA DRAINAGE STRUCTURES TO BE ADJUSTED
- 11 EA DRAINAGE STRUCTURES TO BE CLEANED
- 500 LF STORM SEWERS TO BE CLEANED
- 17 EA INLET FILTERS
- 500 SQ YD CLASS D PATCHES, TYPE I, 10"
- 750 SQ YD CLASS D PATCHES, TYPE II, 10"
- 875 SQ YD CLASS D PATCHES, TYPE III, 10"
- 670 SQ YD CLASS D PATCHES, TYPE IV, 10"
- 1850 LF COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 308 CY TOPSOIL EXCAVATION & PLACEMENT (4" DEEP BEHIND C&G REPAIR)
- 1850 SY SODDING, SALT TOLERANT

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY RESURFACING PLAN — U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	51	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. SOUTH LIMIT TO STA. 238+00			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

NOTE: CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL CONCRETE ADJACENT TO CURB AND GUTTER IS NOT DAMAGED IN THE COURSE OF ANY REMOVAL WORK.

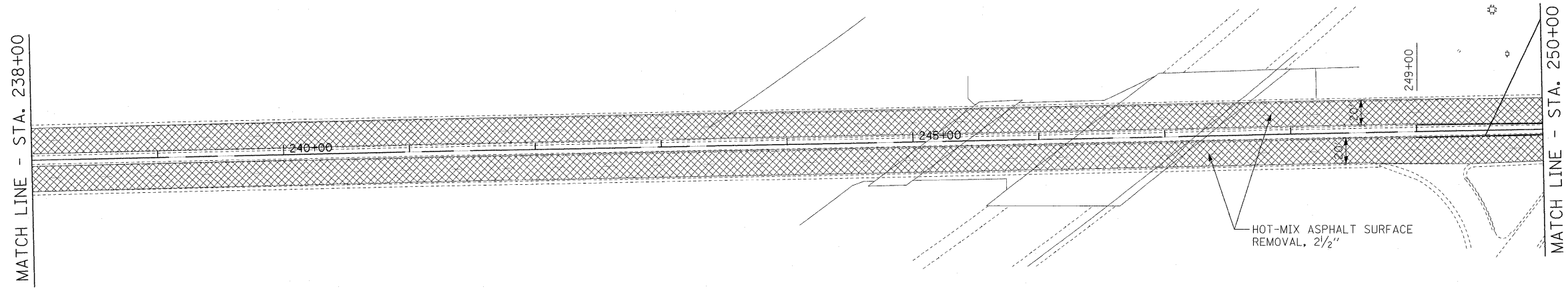


LEGEND:

- HMA SURFACE REMOVAL, 2 1/2"
- COMB CURB & GUTTER REMOVAL
- TREE REMOVAL, UNITS
- TREE TRUNK PROTECTION
- TEMPORARY FENCE

NOTE:

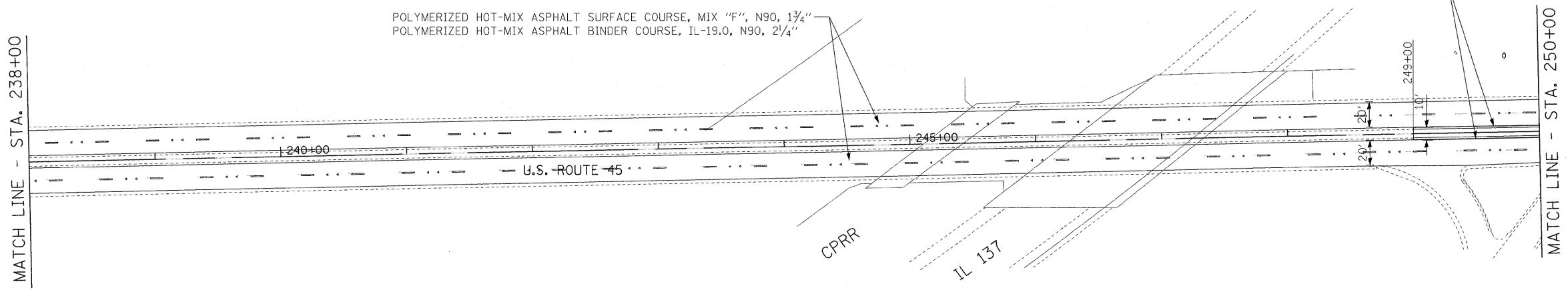
1. RELOCATING EXISTING MAILBOXES SHALL BE INCIDENTAL TO THE CONTRACT



EXISTING CONDITIONS AND REMOVALS - U.S ROUTE 45

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"

COMB CC&G TB-6.12



NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. ALL DRIVEWAYS ARE BITUMINOUS UNLESS OTHERWISE NOTED.
3. FOR DETAILED ALIGNMENT DATA REFER TO "ALIGNMENT, TIES AND BENCHMARKS" SHEETS.
4. PROPOSED PAVEMENT FOR BUTT JOINT AREA ON US ROUTE 45 PAID FOR AS: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90

PROPOSED ROADWAY PLAN - U.S ROUTE 45

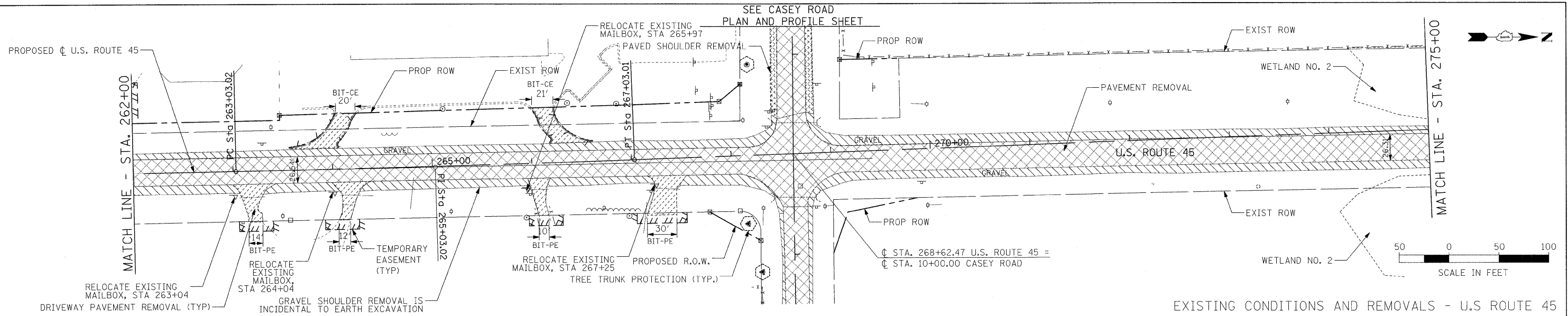
PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	

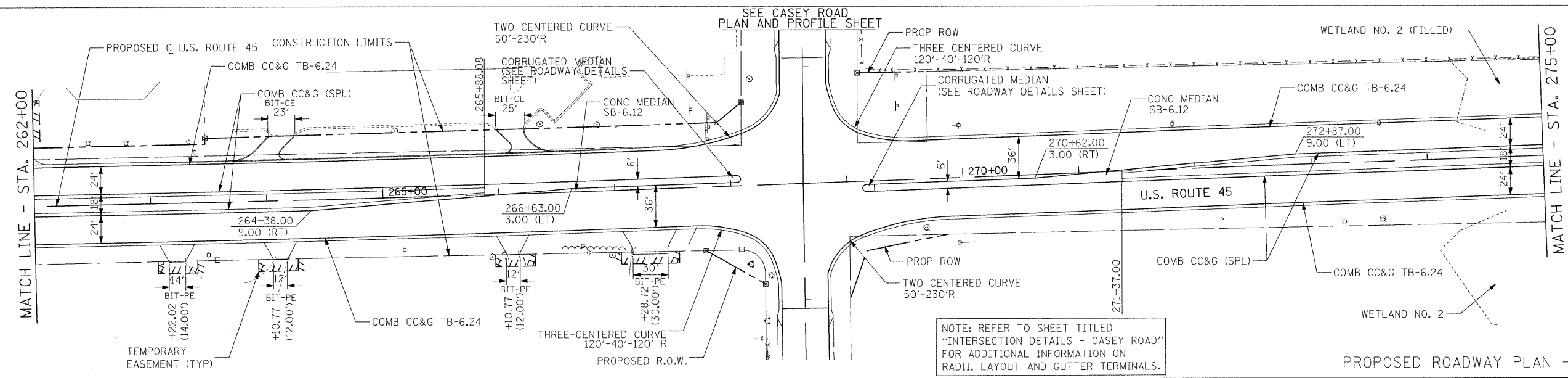
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY RESURFACING PLAN — U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	52	
		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
		DATE - 12-12-08	REVISED -			SCALE: 1"=50'		SHEET NO. 2 OF 2 SHEETS		STA. 238+00 TO STA. 250+00	
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

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

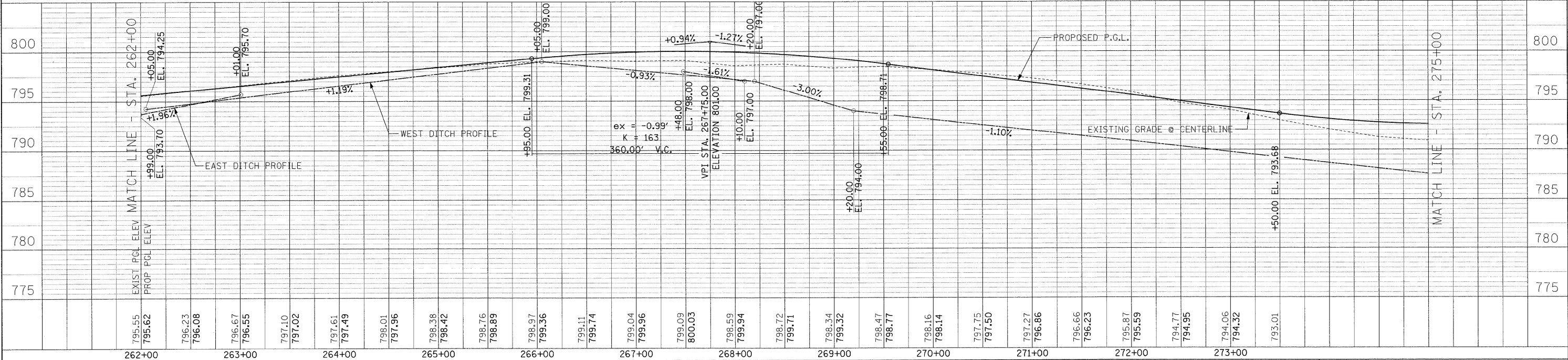
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	



EXISTING CONDITIONS AND REMOVALS - U.S. ROUTE 45



PROPOSED ROADWAY PLAN - U.S. ROUTE 45



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -	344	(46-15&47)WRS-3	LAKE	176	54
		CHECKED - JW	REVISED -	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957				
		DATE - 12-12-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

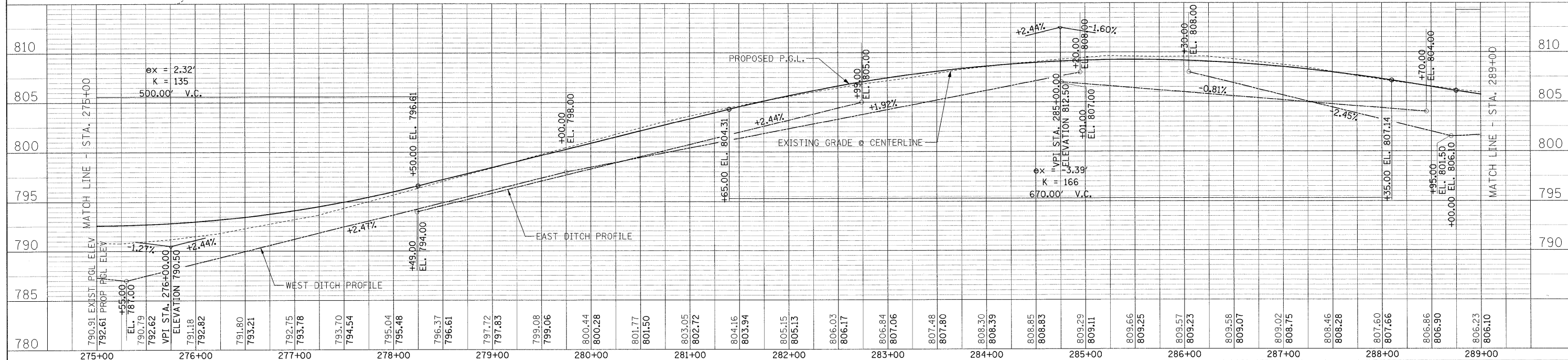
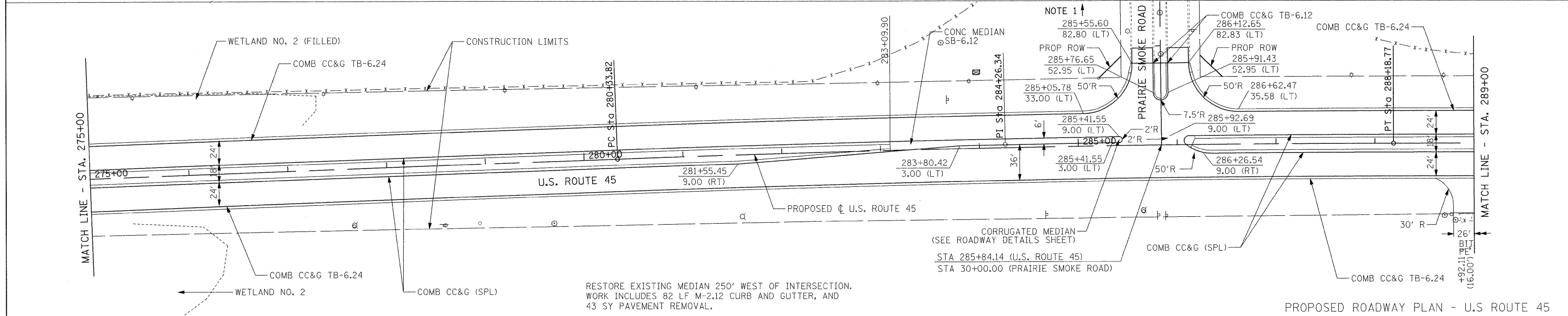
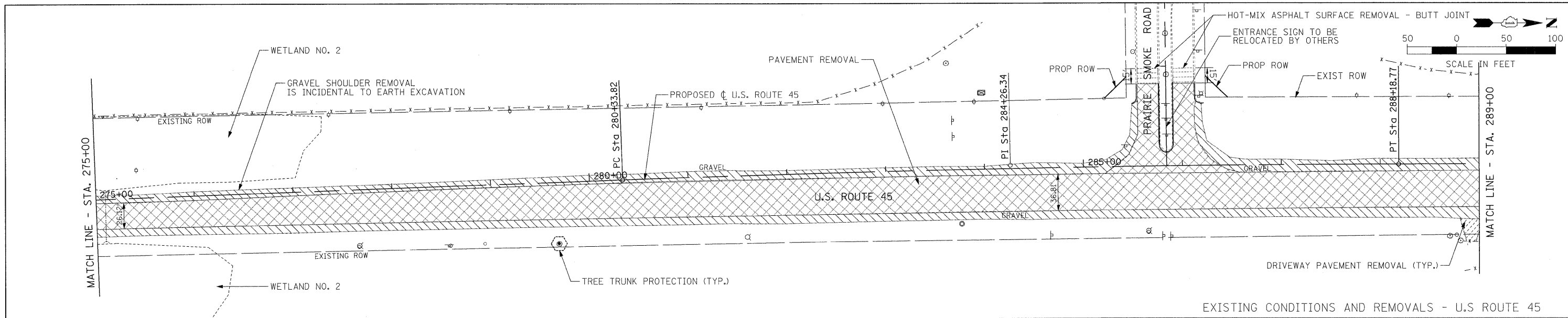
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - U.S. ROUTE 45

SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 262+00 TO STA. 275+00

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

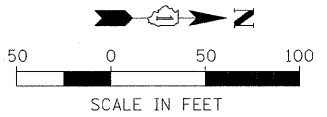
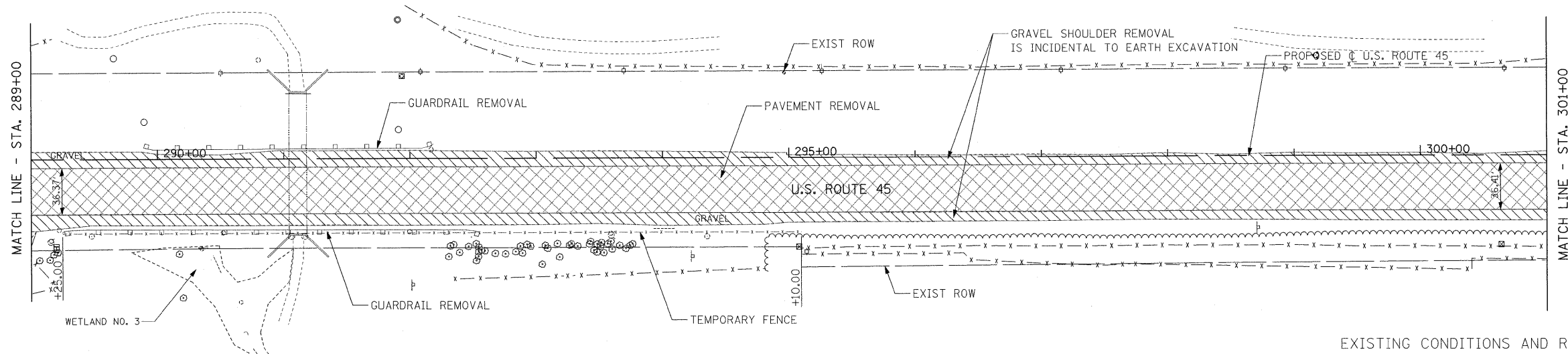
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	



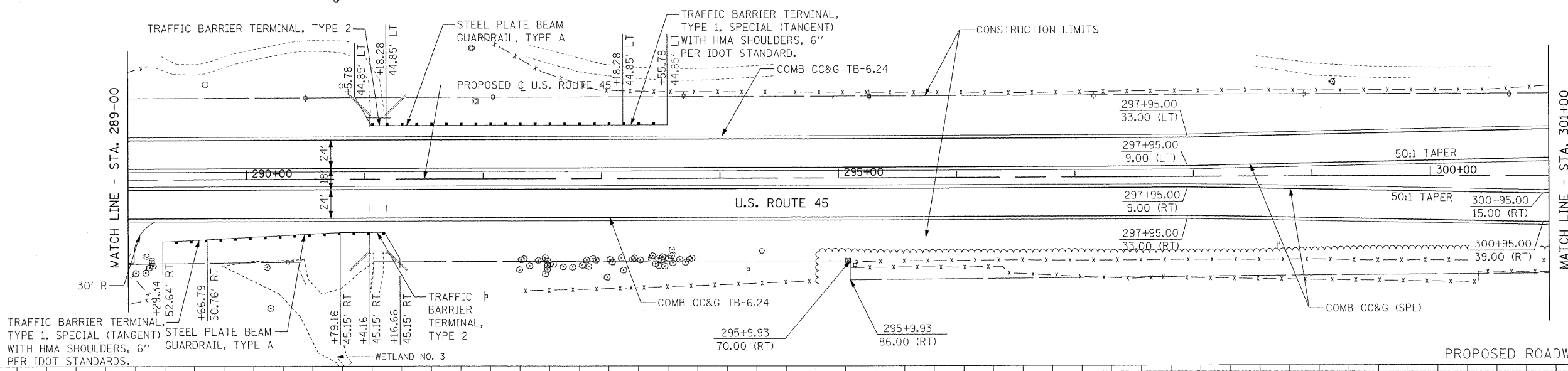
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE - U.S. ROUTE 45 SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. 275+00 TO STA. 289+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	55
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

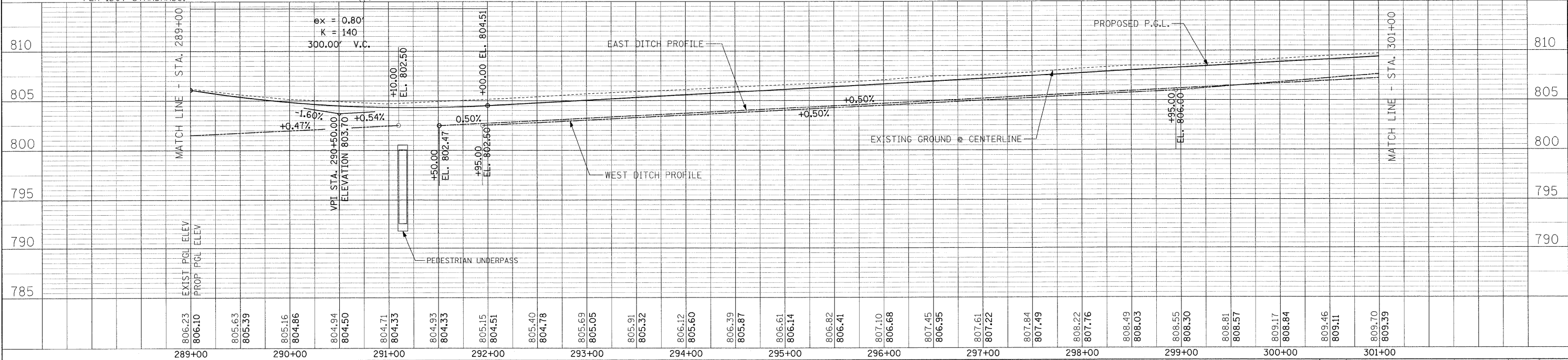
PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	



EXISTING CONDITIONS AND REMOVALS - U.S ROUTE 45



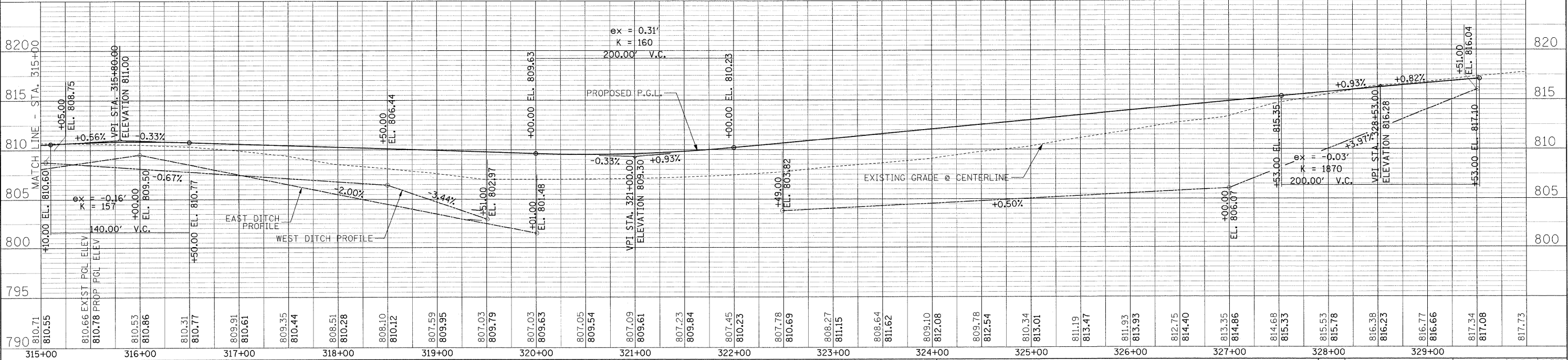
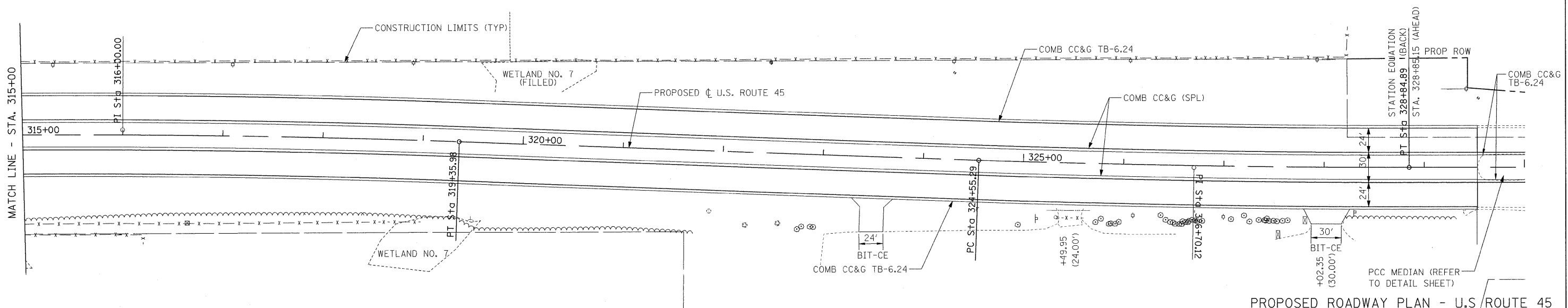
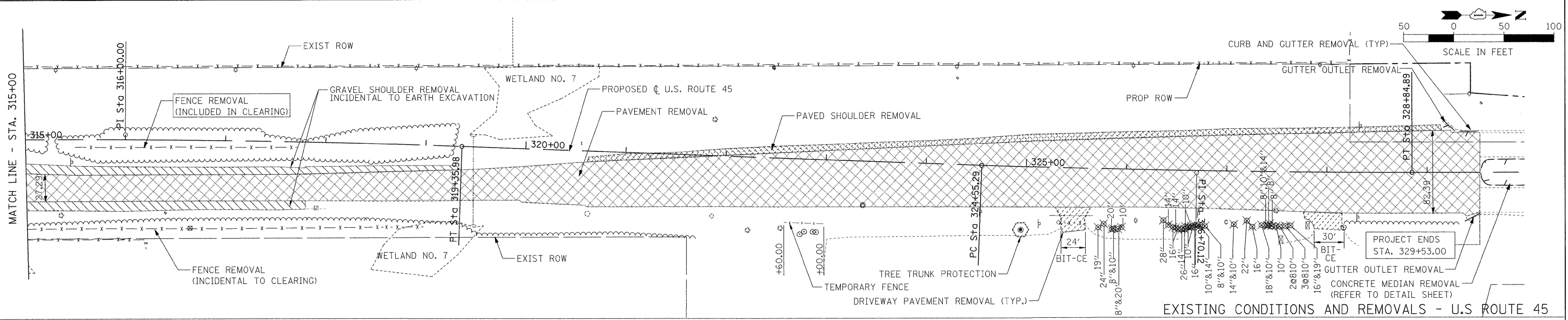
PROPOSED ROADWAY PLAN - U.S ROUTE 45



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	56	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			SCALE: 1"=50'		SHEET NO. 4 OF 6 SHEETS		STA. 289+00 TO STA. 301+00	
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

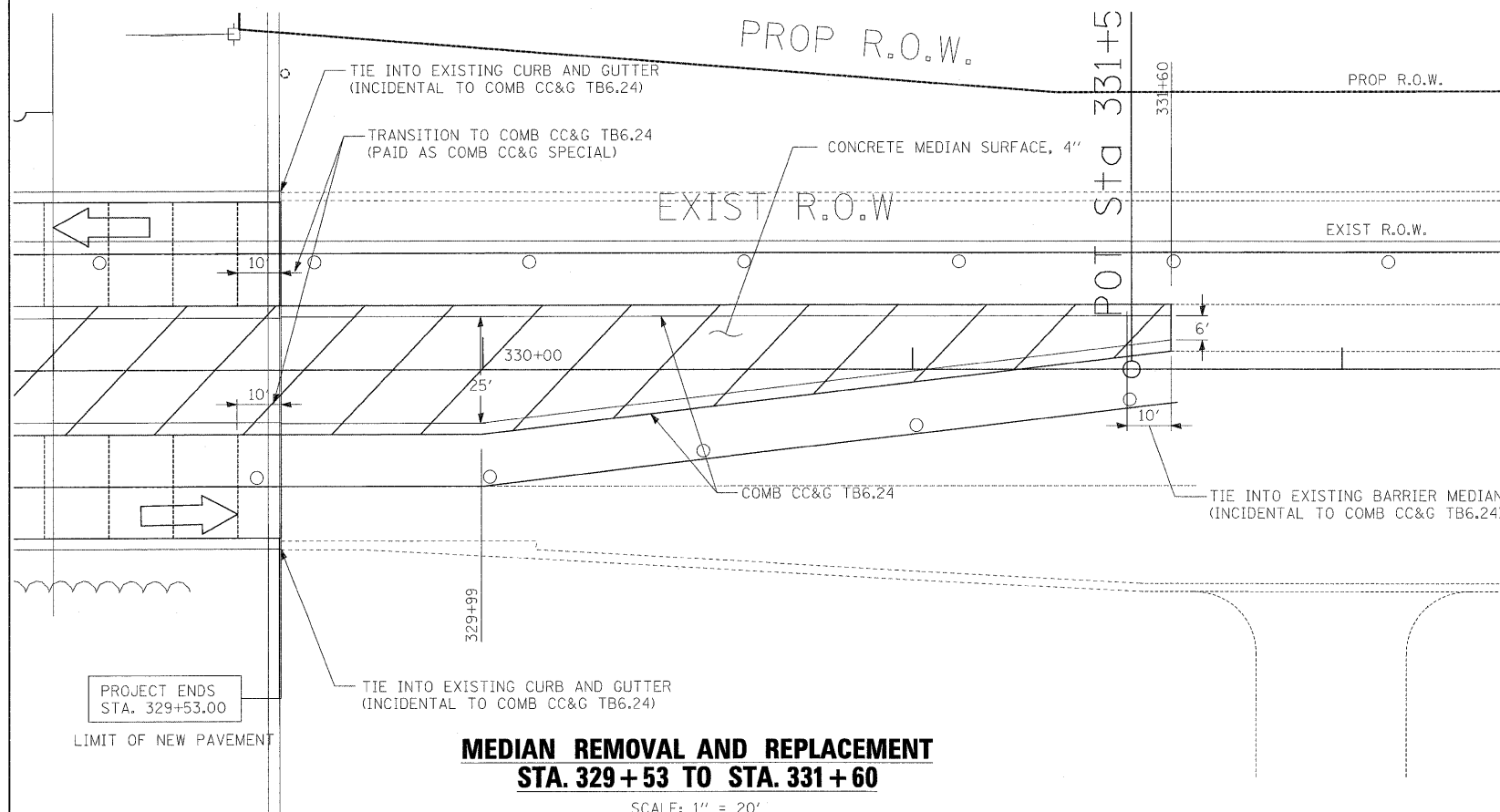
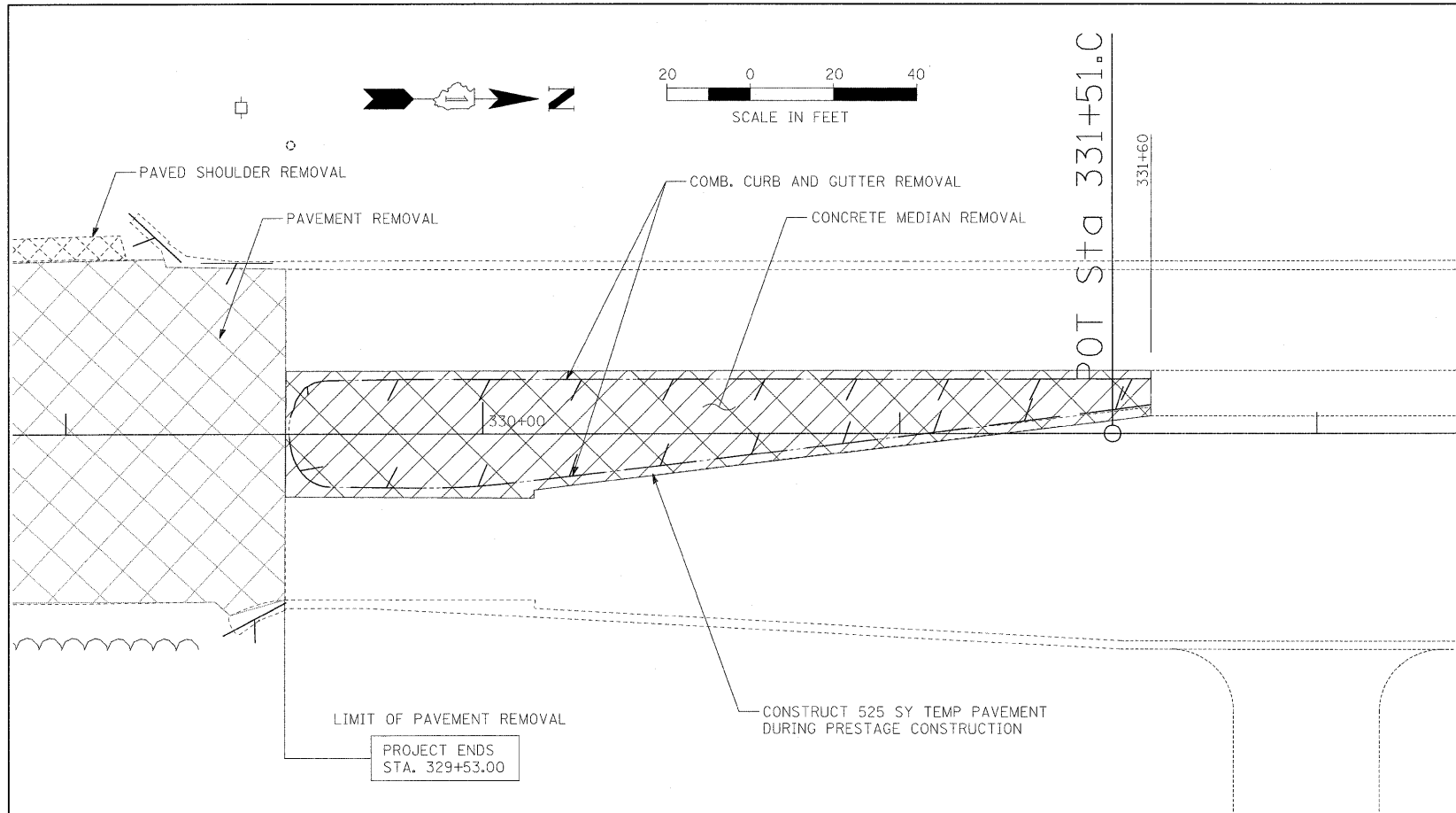


FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -	344	(46-15&47)WRS-3	LAKE	176	58
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

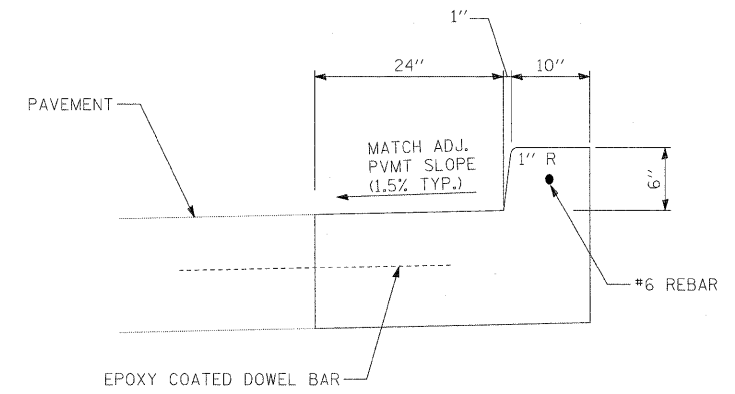
PLAN AND PROFILE - U.S. ROUTE 45

SCALE: 1"=50' SHEET NO. 6 OF 6 SHEETS STA. 315+00 TO STA. 331+00



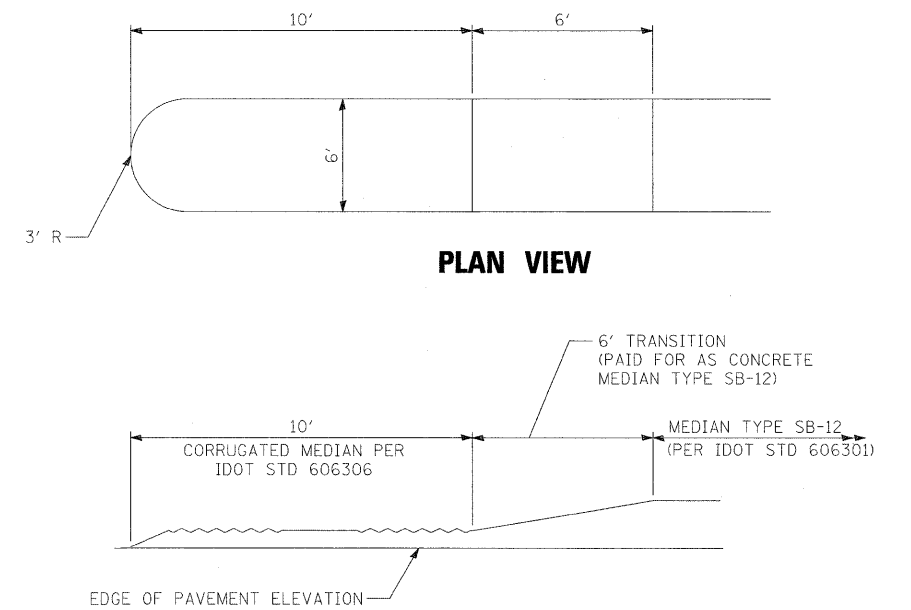
**MEDIAN REMOVAL AND REPLACEMENT
STA. 329 + 53 TO STA. 331 + 60**

SCALE: 1" = 20'



COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)

(NOT TO SCALE)



PLAN VIEW

PROFILE VIEW

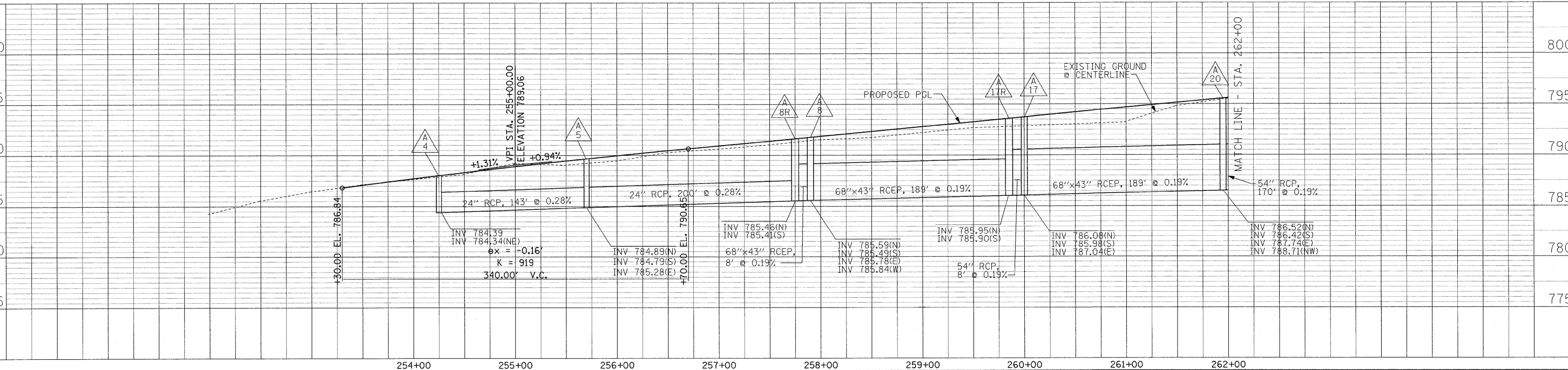
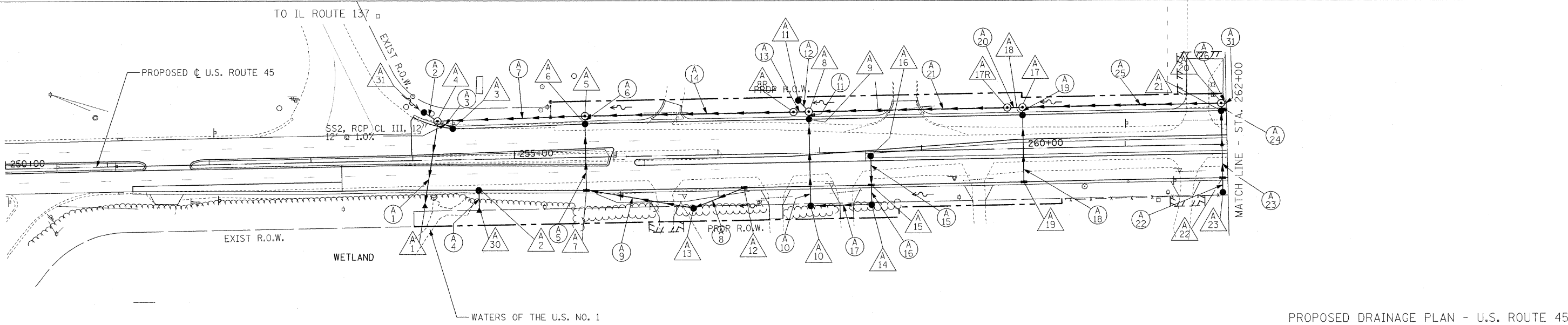
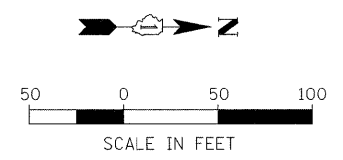
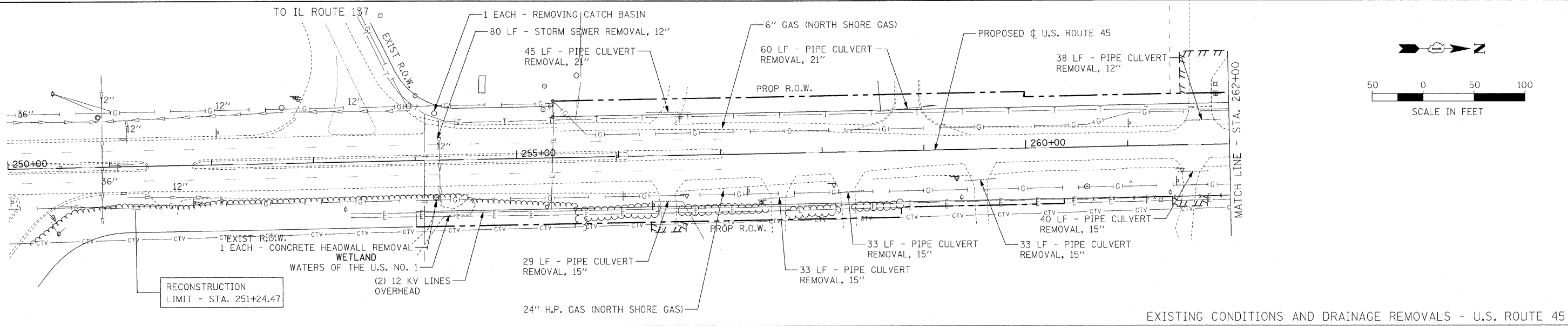
CORRUGATED MEDIAN NOSE DETAIL

(NOT TO SCALE)

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS		F.A.P. RTE. 344	SECTION (46-15&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 60
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO.	
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
		DATE - 01-03-08	REVISED -								

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 REVISIONS CHECKED _____
 CADD FILE NAME _____

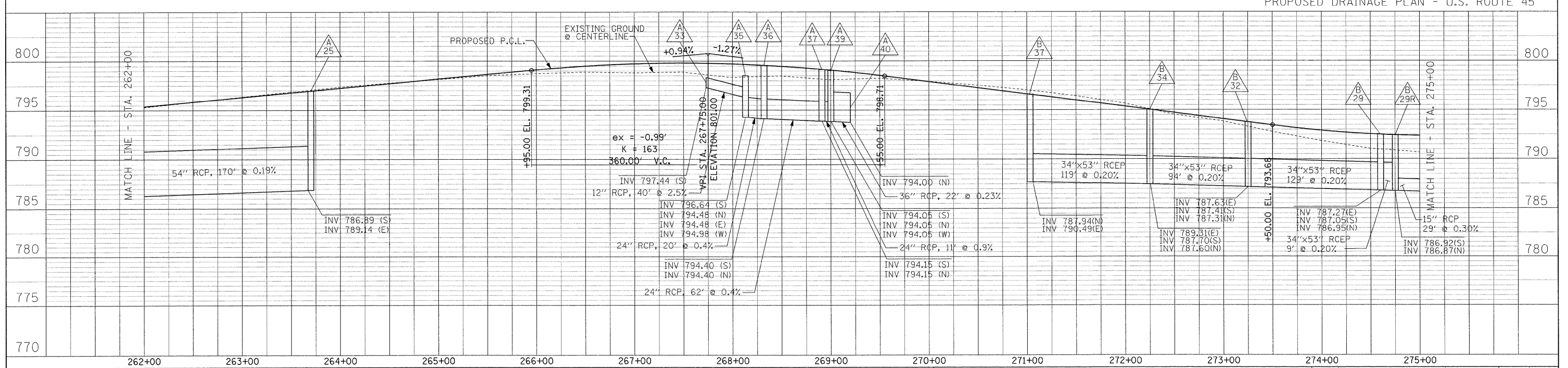
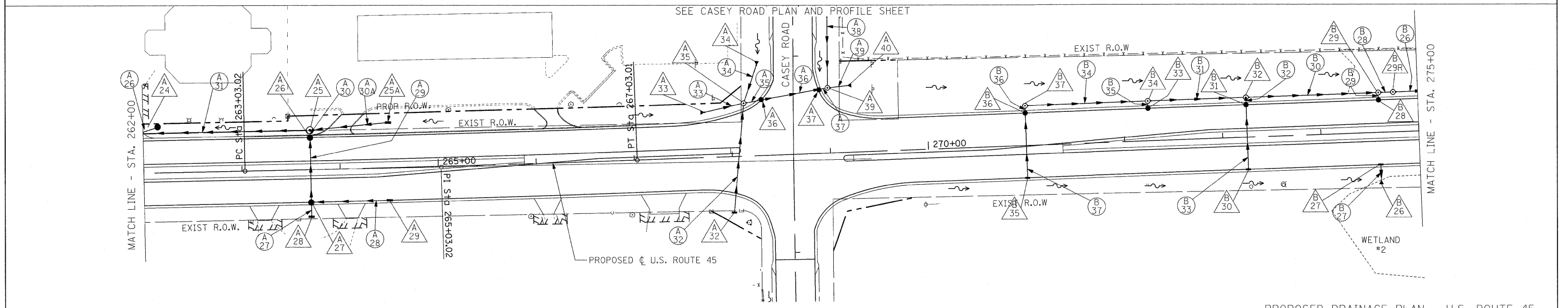
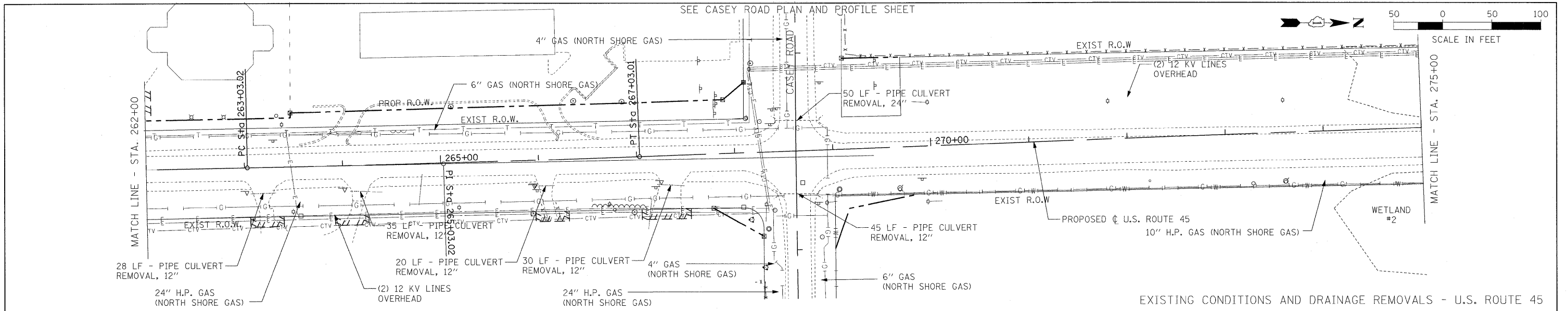
DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 REVISIONS CHECKED _____
 STRUCTURE NOTATIONS CHECKED _____



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -			344	(46-15&47)WRS-3	LAKE	176	61	
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -	344	(46-1S&47)WRS-3	LAKE	176	62
		CHECKED - JW	REVISED -	U.S. ROUTE 45 RECONSTRUCTION				CONTRACT NO. 60957
		DATE - 12-12-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

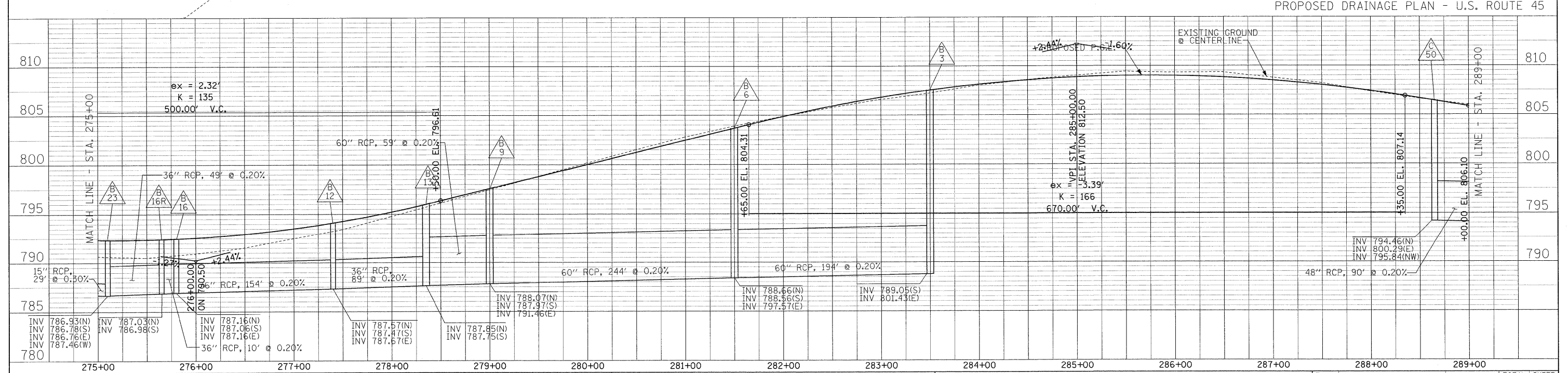
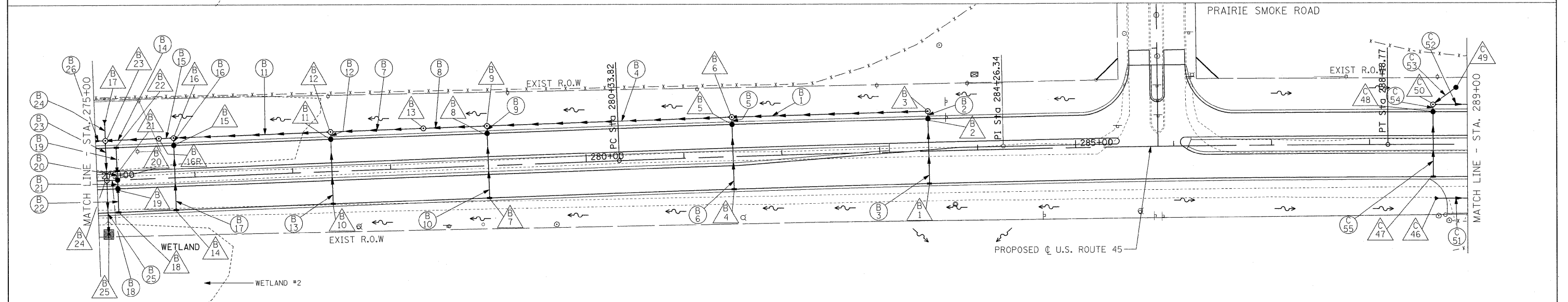
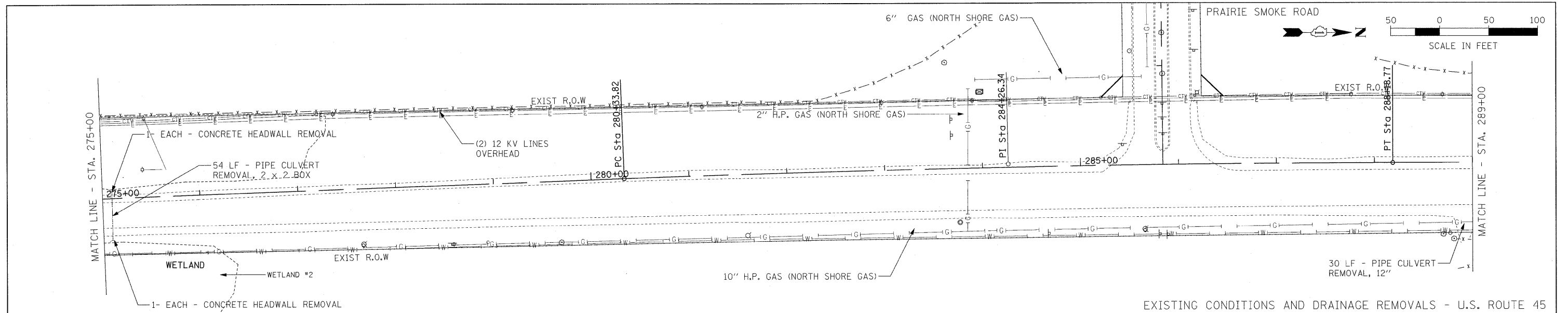
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES - U.S. ROUTE 45

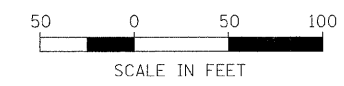
SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 262+00 TO STA. 275+00

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

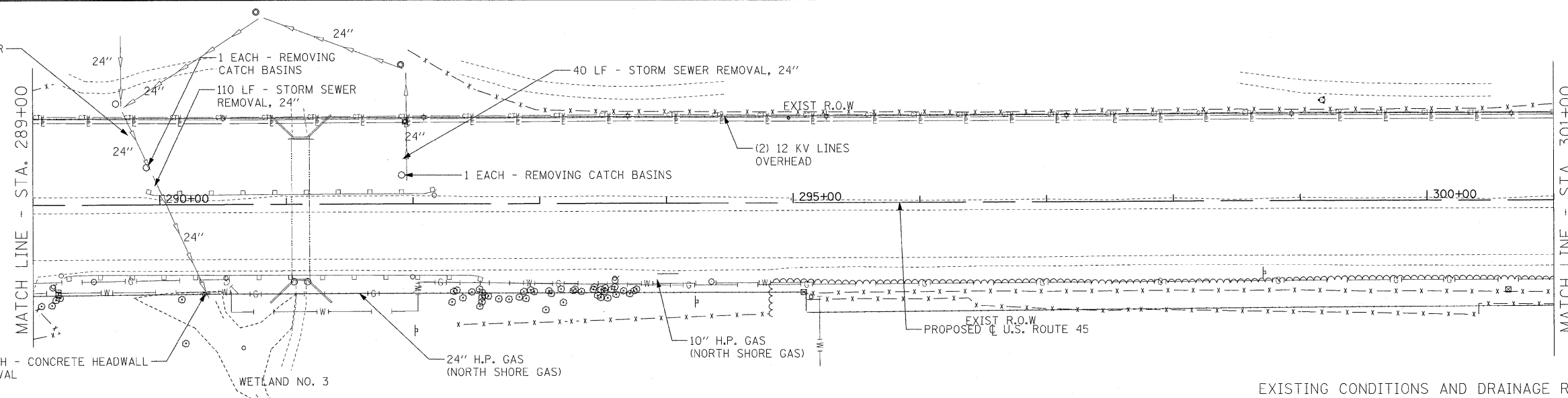
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



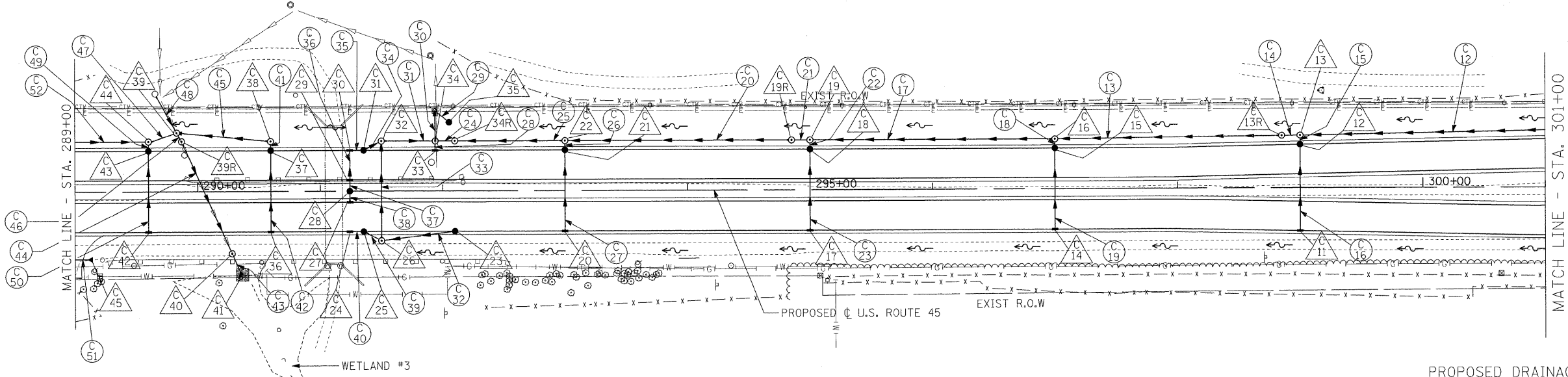
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	63
		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -	SCALE: 1"=50'		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



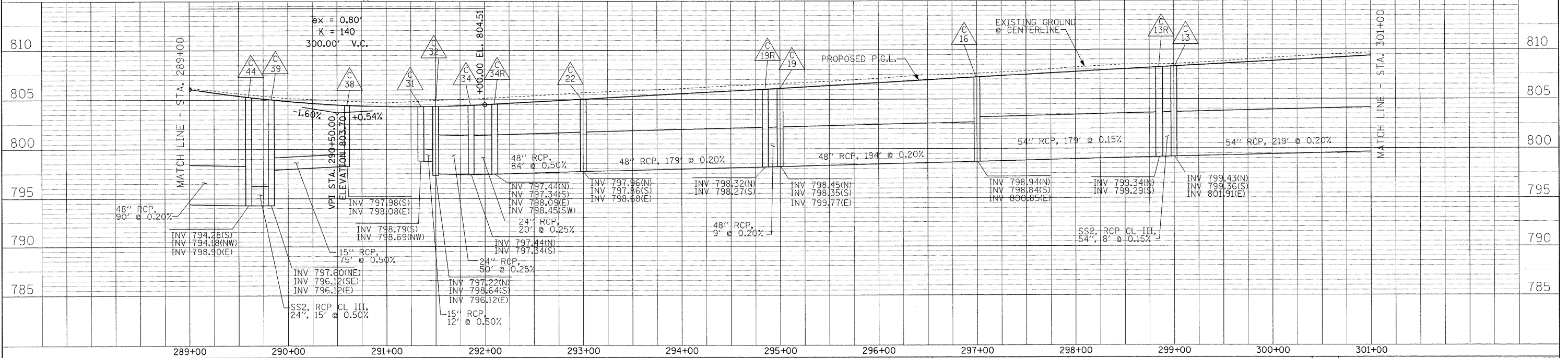
60 LF - STORM SEWER REMOVAL, 24"



EXISTING CONDITIONS AND DRAINAGE REMOVALS - U.S. ROUTE 45



PROPOSED DRAINAGE PLAN - U.S. ROUTE 45



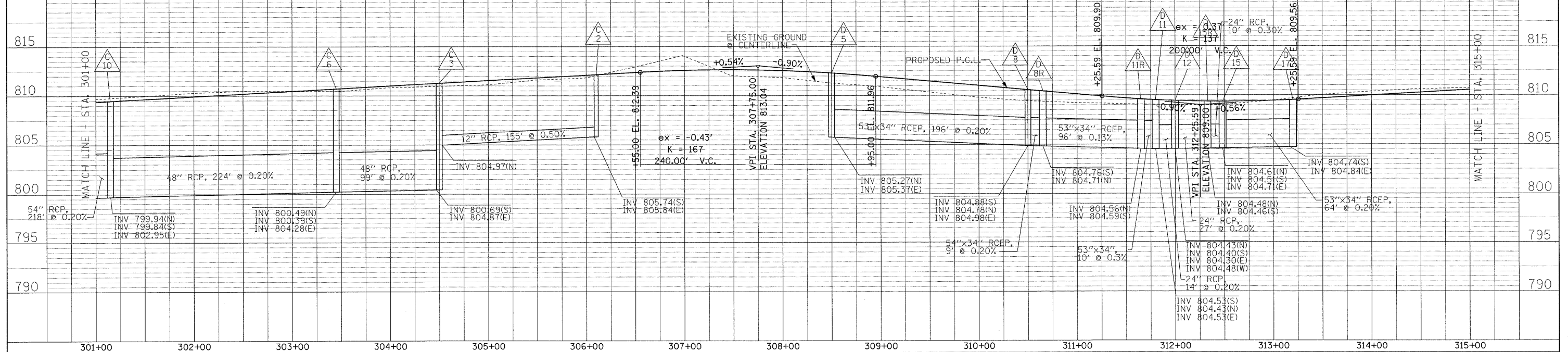
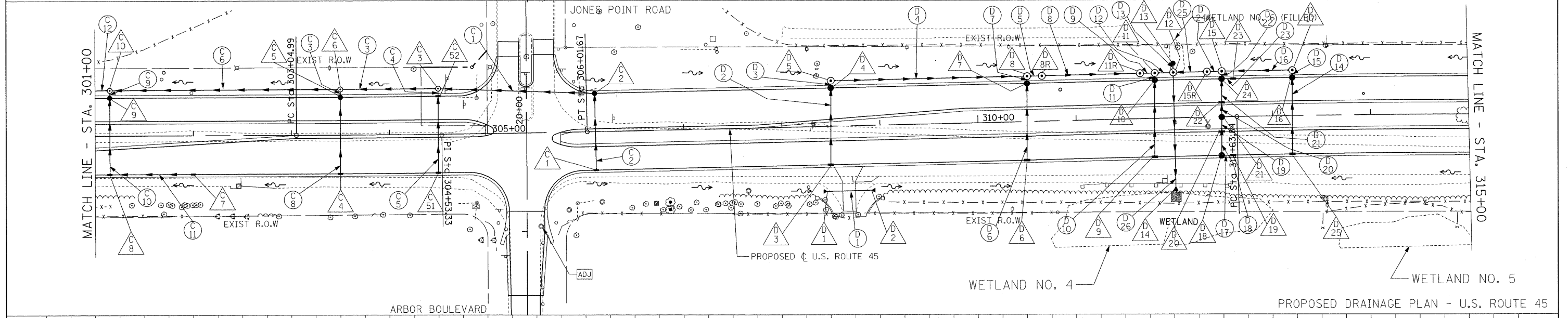
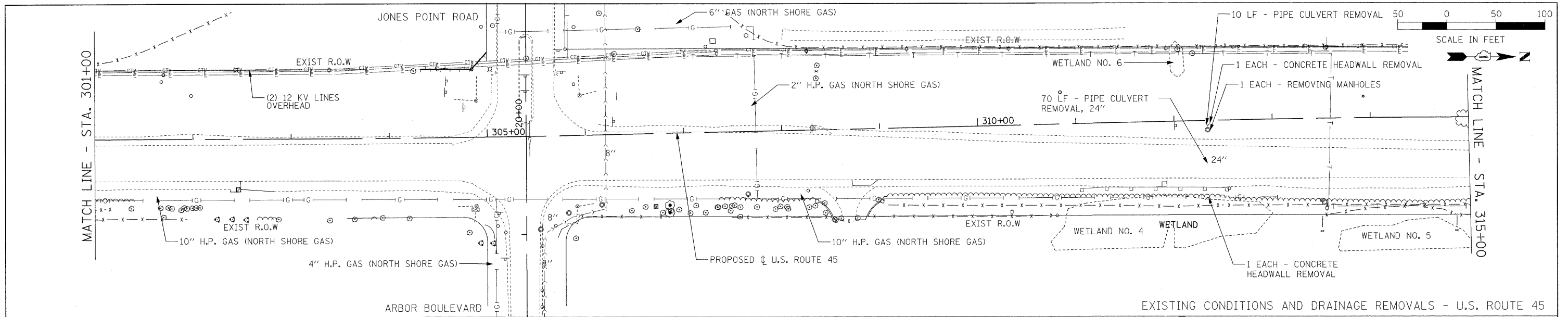
PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	DATE	
	FILE NO.	
	FILE NAME	

PROFILE	DESIGNED	DATE
	PLANNED	
	CHECKED	
	DATE	
	FILE NO.	
	FILE NAME	

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47WRS-3	LAKE	176	64	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

DATE	
BY	
PLAN	REVISIONS
NOTE BOOK	GRADES CHECKED
ALIGNMENT	STRUCTURE
FILE NAME	NOTATIONS DIFF
NO.	

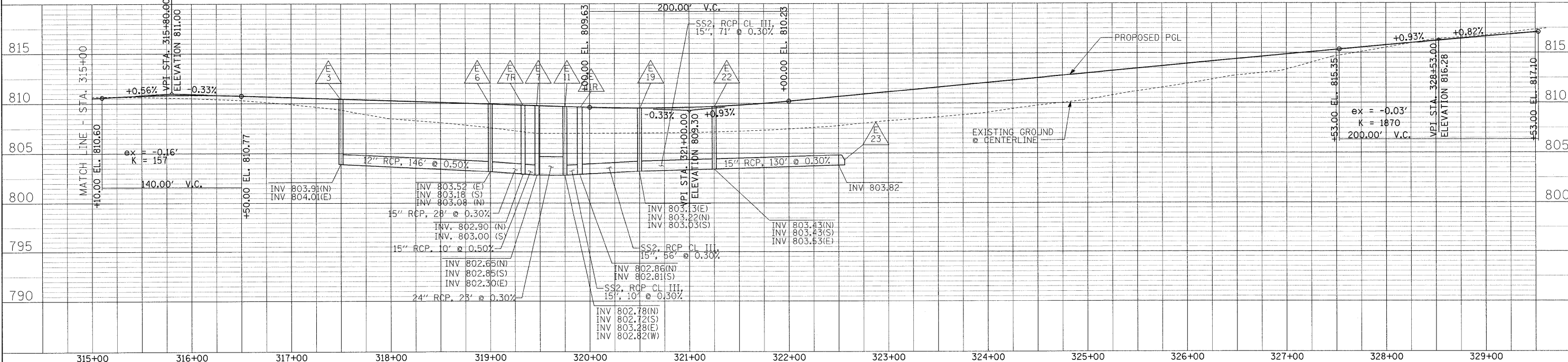
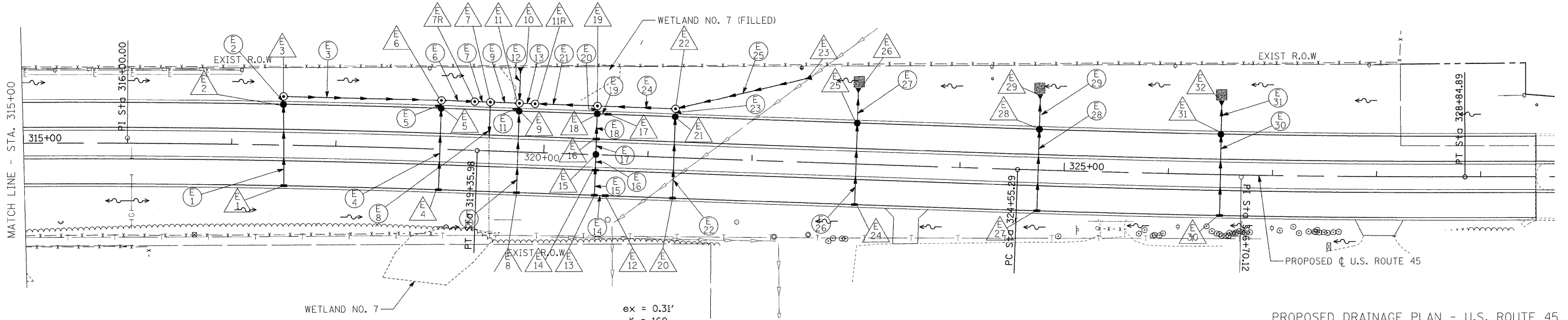
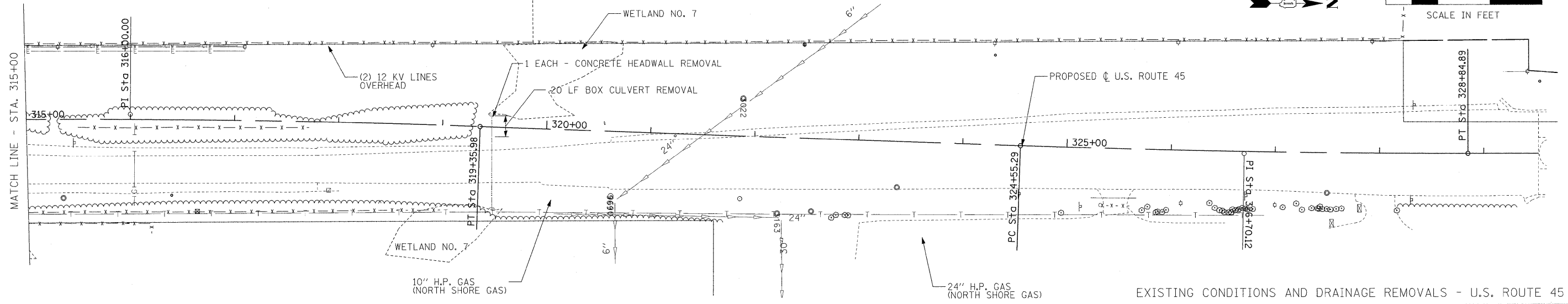
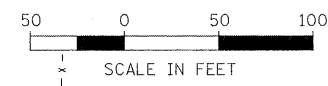
DATE	
BY	
PROFILE	REVISIONS
NOTE BOOK	GRADES CHECKED
STRUCTURE	NOTATIONS DIFF
NO.	



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-15&47)WRS-3	LAKE	176	65	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISION	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISION	
NO.	



FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - U.S. ROUTE 45	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	66	
PLOT SCALE = #SCALE#		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
PLOT DATE = #DATE#		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT			

STORM SEWER LENGTH (FEET)

PIPE RUN NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	54010202	542A0220	55019500	55019900	55020300	55021600	55021700	55021800	55022000	55022400	55022600	55022700	55022800	55024900	55034300	55034700	55034900	55035800	SLOPE (%)
			PCBC 2' X 2'	P CUL CL A TYPE 1 15"	SS 1 RCP CL IV 12"	SS 1 RCP CL IV 24"	SS 1 RCP CL III 36"	SS 2 RCP CL III 12"	SS 2 RCP CL III 15"	SS 2 RCP CL III 18"	SS 2 RCP CL III 24"	SS 2 RCP CL III 36"	SS 2 RCP CL III 48"	SS 2 RCP CL III 54"	SS 2 RCP CL II 60"	SS 3 RCP CL IV 60"	SS 1 RCEP S30 R19	SS 1 RCEP S53 R34	SS 1 RCEP S68 R43	SS 2 RCEP S53 R34	
US ROUTE 45																					
A-1	A4	A1																			0.36
A-2	A31	A4						11									80				1.00
A-3	A3	A4						12													0.50
A-4	A2	A30			12																0.50
A-5	A7	A6						62													1.00
A-6	A6	A5						3													0.28
A-7	A5	A4				143															0.50
A-8	A12	A13						50													0.50
A-9	A13	A7						103													0.50
A-10	A10	A9							81												1.00
A-11	A9	A8			4																1.00
A-12	A11	A8			16																0.19
A-13	A8	A8R																	8		0.28
A-14	A8R	A5								200											1.00
A-15	A16	A15						25													1.00
A-16	A15	A14						15													1.00
A-17	A14	A10						56													1.00
A-18	A19	A18						62													1.00
A-19	A18	A17						4													0.19
A-20	A17	A17R												8							0.19
A-21	A17R	A8																		189	1.00
A-22	A23	A22						10													1.00
A-23	A22	A21						62													1.00
A-24	A21	A20						4													0.19
A-25	A20	A17																		189	1.00
A-26	A24	A20						14													1.00
A-27	A28	A27						11													1.00
A-28	A29	A27						76													1.00
A-29	A27	A26						62													1.00
A-30	A26	A25						3													0.19
A-31	A25	A20												170							1.90
A-31A	A25A	A25						76													0.76
A-32	A32	A35			111																2.50
A-33	A33	A35						40													2.90
A-34	A34	A35						40													0.40
A-35	A35	A36								20											0.40
A-36	A36	A37								62											0.90
A-37	A37	A39								11											1.23
A-38	A38	A39							70												0.23
A-39	A39	A40									22										0.50
B-37	B35	B36						62													0.50
B-36	B36	B37						4													0.50
B-35	B33	B34						4													0.50
B-34	B37	B34																			0.20
B-33	B30	B31						62													0.50
B-32	B31	B32						4													0.50
B-31	B34	B32																			0.20
B-30	B32	B29																			0.20
B-29	B28	B29						4													0.50
B-28	B29	B29R																		9	0.20
B-27	B27	B26						8													0.50
B-26	B29R	B23							29												0.20
B-25	B24	B25									51										0.31
B-24	B17	B23								12											0.31
B-23	B23	B24									36										0.50
B-22	B18	B19						20													0.50
B-21	B19	B20						5													0.50
B-20	B21	B20						5													0.50
B-19	B22	B21						20													0.50
B-18	B20	B24						6													0.50
B-17	B14	B15						62													0.50
B-16	B15	B16						4													0.50
B-15	B16	B16R					10														0.20
B-14	B16R	B23					49														0.20
B-13	B10	B11						62													0.50
B-12	B11	B12						4													0.50
B-11	B12	B16							154												0.20
B-10	B7	B8						62													0.50
B-9	B8	B9						4													0.50
B-8	B9	B13													59						0.20
B-7	B13	B12							89												0.20
B-6	B4	B5						62													0.50
B-5	B5	B6						4													0.50
B-4	B6	B9													244						0.20
B-3	B1	B2						62													0.50
B-2	B2	B3						4													0.50

PIPE RUN NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	STORM SEWER LENGTH (FEET)																		SLOPE (%)
			54010202 PCBC 2' X 2'	542A0220 P CUL CL A TYPE 1 15"	55019500 SS 1 RCP CL IV 12"	55019900 SS 1 RCP CL IV 24"	55020300 SS 1 RCP CL III 36"	55021600 SS 2 RCP CL III 12"	55021700 SS 2 RCP CL III 15"	55021800 SS 2 RCP CL III 18"	55022000 SS 2 RCP CL III 24"	55022400 SS 2 RCP CL III 36"	55022600 SS 2 RCP CL III 48"	55022700 SS 2 RCP CL III 54"	55022800 SS 2 RCP CL II 60"	55024900 SS 3 RCP CL IV 60" 194	55034300 SS 1 RCEP S30 R19	55034700 SS 1 RCEP S53 R34	55034900 SS 1 RCEP S68 R43	55035800 SS 2 RCEP S53 R34	
B-1	B3	B6																			0.20
C-55	C47	C48							62												0.50
C-54	C48	C50							4												0.50
C-53	C49	C50							33												0.50
C-52	C50	C44												90							0.20
C-51	C46	C45		28																	1.00
C-50	C42	C43							62												0.50
C-49	C43	C44							4												0.50
C-48	EX	C39											38								1.00
C-47	C44	C39											15								0.50
C-46	C39	C39R												8							1.00
C-45	C38	C39								75											0.50
C-44	C39R	C40												96							0.50
C-43	C40	C41												15							0.30
C-42	C36	C37							62												0.50
C-41	C37	C38							4												0.50
C-40	C24	C25							6												0.50
C-39	C25	C26							11												0.50
C-38	C27	C28							5												0.50
C-37	C28	C29							5												0.50
C-36	C29	C30							20												0.50
C-35	C30	C31							6												0.50
C-34	C31	C32								12											0.50
C-33	C26	C32											76								0.50
C-32	C23	C26							56												0.50
C-31	C32	C34											50								0.25
C-30	C34	EXISTING											50								0.25
C-29	C35	EXISTING							10												0.50
C-28	C33	C34							4												0.50
C-27	C20	C21							62												0.50
C-26	C21	C22							4												0.50
C-25	C22	C34R												84							0.50
C-24	C34R	C34											11								0.25
C-23	C17	C18							62												0.50
C-22	C18	C19							4												0.50
C-21	C19	C19R												9							0.20
C-20	C19R	C22												179							0.20
C-19	C14	C15							62												0.50
C-18	C15	C16							4												0.50
C-17	C16	C19												194							0.20
C-16	C11	C12							66												0.50
C-15	C12	C13							4												0.50
C-14	C13	C13R													8						0.15
C-13	C13R	C16												179							0.15
C-12	C10	C13												219							0.20
C-11	C7	C8							81												0.50
C-10	C8	C9							74												0.50
C-9	C9	C10							4												0.50
C-8	C4	C5							74												0.50
C-7	C5	C6							4												0.50
C-6	C6	C10												224							0.20
C-5	C51	C52							74												0.50
C-4	C52	C3							4												0.50
C-3	C3	C6												99							0.20
C-2	C1	C2							74												0.50
C-1	C2	C3							155												0.50
D-1	D1	D2		33																	1.50
D-2	D3	D4							74												0.50
D-3	D4	D5							4												0.50
D-4	D5	D8																		196	0.20
D-5	D8	D8R																		9	0.20
D-6	D6	D7							74												0.50
D-7	D7	D8							4												0.50
D-8	D8R	D11R																		96	0.13
D-9	D11R	D11																		10	0.30
D-10	D9	D10							74												0.50
D-11	D10	D11							4												0.50
D-12	D11	D12					14														0.20
D-13	D13	D12					5														0.40
D-14	D25	D16							74												0.50
D-15	D16	D17							4												0.50
D-16	D17	D15																		64	0.20
D-17	D19	D18				8															0.50
D-18	D18	D20							20												0.50
D-19	D20	D21							11												0.50

STORM SEWER LENGTH (FEET)

PIPE RUN NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	54010202 PCBC 2' X 2'	542A0220 P CUL CL A TYPE 1 15"	55019500 SS 1 RCP CL IV 12"	55019900 SS 1 RCP CL IV 24"	55020300 SS 1 RCP CL III 36"	55021600 SS 2 RCP CL III 12"	55021700 SS 2 RCP CL III 15"	55021800 SS 2 RCP CL III 18"	55022000 SS 2 RCP CL III 24"	55022400 SS 2 RCP CL III 36"	55022600 SS 2 RCP CL III 48"	55022700 SS 2 RCP CL III 54"	55022800 SS 2 RCP CL II 60"	55024900 SS 3 RCP CL IV 60"	55034300 SS 1 RCEP S30 R19	55034700 SS 1 RCEP S53 R34	55034900 SS 1 RCEP S68 R43	55035800 SS 2 RCEP S53 R34	SLOPE (%)	
D-20	D21	D22						11														0.50
D-21	D22	D24						20														0.50
D-22	D24	D15						4														0.50
D-23	D23	D24						8														0.50
D-24	D15	D15R				10																0.30
D-25	D15R	D12				27																0.20
D-26	D12	D14									107											0.37
E-1	E1	E2						74														0.50
E-2	E2	E3						4														0.50
E-3	E3	E6						146														0.50
E-4	E4	E5						74														0.50
E-5	E5	E6						4														0.50
E-6	E6	E7R							28													0.30
E-7	E7R	E7						10														0.50
E-8	E7	EXISTING	35																			0.30
E-9	E11	E7									23											0.30
E-10	E8	E9						74														0.50
E-11	E9	E11						4														0.50
E-12	E10	E11								22												0.36
E-13	E11R	E11							10													0.30
E-14	E12	E13						6														0.50
E-15	E13	E14						20														0.50
E-16	E14	E15						11														0.50
E-17	E15	E16						11														0.50
E-18	E16	E18						20														0.50
E-19	E17	E18						6														0.50
E-20	E18	E19						4														0.30
E-21	E19	E11R							56													0.30
E-22	E20	E21						74														0.50
E-23	E21	E22						4														0.50
E-24	E22	E19							71													0.30
E-25	E23	E22							130													0.30
E-26	E24	E25						74														0.50
E-27	E25	E26						21														0.50
E-28	E27	E28						74														0.50
E-29	E28	E29						21														0.50
E-30	E30	E31						74														0.50
E-31	E31	E32						20														0.50
G1	G1	G2		56																		0.53
G2	G3	G4		24																		2.10
G3	G5	G6		56																		0.90

TRENCH BACKFILL SCHEDULE

PIPE RUN NUMBER	STRUCTURES		AVE. TRENCH (FT.)	TRENCH DEPTH LESS PAVEMENT (FT.)	TRENCH BACKFILL (CU. YD.)
	UPSTRM	DOWNSTRM			
A-1	A4	A1	3.4	0.3226	26.08
A-5	A7	A6	3.7	1.9	7.3
A-15	A16	A15	4.8	3.0	5.8
A-10	A10	A9	4.6	2.8	17.3
A-18	A19	A18	5.8	4.0	21.3
A-23	A22	A21	6.9	5.2	44.7
A-28	A29	A27	5.0	3.2	20.0
A-29	A27	A26	7.2	5.4	47.2
A-32	A32	A35	2.8	2.8	23.9
A-36	A36	A37	3.4	3.4	16.4
B-25	B24	B25	4.4	4.4	26.5
B-37	B35	B36	6.0	5.7	3.2
B-33	B30	B31	6.0	5.6	3.2
B-3	B1	B2	5.9	4.1	22.0
B-6	B4	B5	5.7	3.9	20.3
B-10	B7	B8	5.7	3.9	20.3
B-13	B10	B11	6	4.2	22.4
B-17	B14	B15	4.8	3.1	15
B-19	B22	B21	5.3	3.5	5.7
B-20	B21	B20	5.7	5.4	3.8
B-22	B18	B19	5.3	3.5	5.7
B-21	B19	B20	5.7	5.4	3.8
B-23	B23	B24	5.8	4	10.3
C-2	C1	C2	5.7	3.9	24.5
C-16	C11	C12	5.7	3.9	21.7
C-19	C14	C15	5.7	3.9	20.3
C-23	C17	C18	5.7	3.9	20.3
C-27	C20	C21	5.7	3.9	20.3
C-38	C27	C28	5.1	3.3	5.4
C-37	C28	C29	5.1	3.3	1.6
C-36	C29	C30	5.4	3.6	1.8
C-8	C4	C5	5.7	3.9	24.5
C-50	C42	C43	6.1	5.8	19.8
C-55	C47	C48	7.8	7.8	70.99
C-44	C39R	C40	10.5	10.6	196.896
C-42	C36	C37	3.86	4	21.142
C-33	C26	C32	6.46	6.6	79.724
C-10	C8	C9	3.975	4	25.234
C-5	C51	C52	3.865	4	25.234
D-2	D3	D4	3.885	4	25.234
D-6	D6	D7	3.045	3.2	19.018
D-10	D9	D10	2.445	2.6	14.356
D-14	D25	D16	2.145	2.2	11.248
D-18	D18	D20	1.95	2	2.64
D-20	D21	D22	2.435	2.6	2.134
D-21	D22	D24	2.45	2.6	3.88
D-26	D12	D14	4.69	4.8	73.081
E-8	E7	EXISTING			44.63
E-17	E15	E16	2.63	2.8	2.365
E-18	E16	E18	4.22	4.4	7.66
E-30	E30	E31	4	4	25.234
D-19	D20	D21	4.1	2.3	1.3
E-10	E8	E9	6	5.7	16.2
E-15	E13	E14	5.7	3.9	24.5
E-16	E14	E15	6	5.7	16.9
E-19	E17	E18	5.4	3.6	22.5
E-22	E20	E21	5.5	3.7	6.3
E-26	E24	E25	6.1	5.7	3.2
E-1	E1	E2	5.7	3.9	24.5
E-4	E4	E5	5.7	3.9	24.5
E-28	E27	E28	6.1	5.7	3.3

TOTAL= total= 1320.2 CY

MANHOLE WITH RESTRICTOR PLATE SCHEDULE

MANHOLE W/ RESTRICTOR #	STATION	MANHOLE DIAMETER (FT)	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER (IN) (d)		INVERT OF RESTRICTOR TYPE		ELEVATION OF TOP PLATE OVERFLOW
				UPPER ORIFICE	LOWER ORIFICE	UPPER ORIFICE	LOWER ORIFICE	
A-8R	257+75	7	SQUARE EDGED	12	12	787.55	785.55	789.56
A-17R	259+85	7	SQUARE EDGED	9 1/2	9 1/4	788.45	785.98	791.39
B-29R	274+75	6	SQUARE EDGED	6	6	788.25	787.05	790.77
B-16R	275+65	5	SQUARE EDGED	10 1/4	14	788.76	787.06	790.68
C-39R	289+87	6	SQUARE EDGED	8 1/4	16	795.01	792.51	801.46
C-34R	292+10	6	SQUARE EDGED	14	11	800.34	797.34	802.30
C-19R	294+85	6	SQUARE EDGED	9	9 1/3	800.85	798.35	803.71
C-13R	298+85	7	SQUARE EDGED	7	9 1/4	801.23	799.23	804.59
D-8R	310+66	7	SQUARE EDGED	6	6	806.58	804.88	808.10
D-11R	311+66	7	SQUARE EDGED	6	6	806.23	804.53	807.61
D-15R	312+34	7	SQUARE EDGED	6	7	801.23	799.23	807.54
E-7R	319+32	6	SQUARE EDGED		6		803.00	804.91
E-11R	319+90	6	SQUARE EDGED	16 1/3	10 1/3	806	802.86	807.62

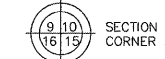
PIPE UNDERDRAIN SCHEDULE

STATION	OFFSET	PIPE LENGTH (FT)	TIE-IN STRUCTURE
254+15	LT	46.00	A4
254+15	RT	46.00	*
257+75	LT	43.00	A9
257+75	RT	62.00	A10
259+90	LT	38.00	A18
259+90	RT	38.00	A19
263+80	LT	38.00	A26
263+80	RT	38.00	A27
270+00	LT	96.00	*
271+10	LT	43.00	B35
271+10	RT	43.00	B34
275+25	LT	33.00	B22
275+25	RT	33.00	B18
278+90	LT	38.00	B8
278+90	RT	38.00	B7
281+40	LT	38.00	B5
281+40	RT	38.00	B4
283+55	LT	33.00	B2
283+55	RT	33.00	B1
288+75	LT	38.00	C51
288+75	RT	38.00	C52
291+30	LT	34.00	C29
291+30	RT	34.00	C23
294+90	LT	38.00	C18
294+90	RT	38.00	C17
298+90	LT	38.00	C12
298+90	RT	38.00	C11
303+35	LT	38.00	C5
303+35	RT	38.00	C4
310+45	LT	33.00	D5
310+45	RT	33.00	D4
312+45	LT	33.00	D20
312+45	RT	33.00	D16
320+65	LT	33.00	E31
320+65	RT	33.00	E30
323+05	LT	33.00	E14
323+05	RT	33.00	E13
326+55	LT	33.00	E8
326+55	RT	33.00	E7
TOTAL LENGTH (FT) =		1517.00	

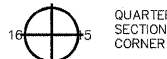
* CONCRETE HEADWALL FOR PIPE UNDERDRAINS

PART OF THE SE 1/4, SEC. 1, T.44 N., R.10 E. & PART OF THE SW 1/4, SEC. 6, T.44 N., R.11 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



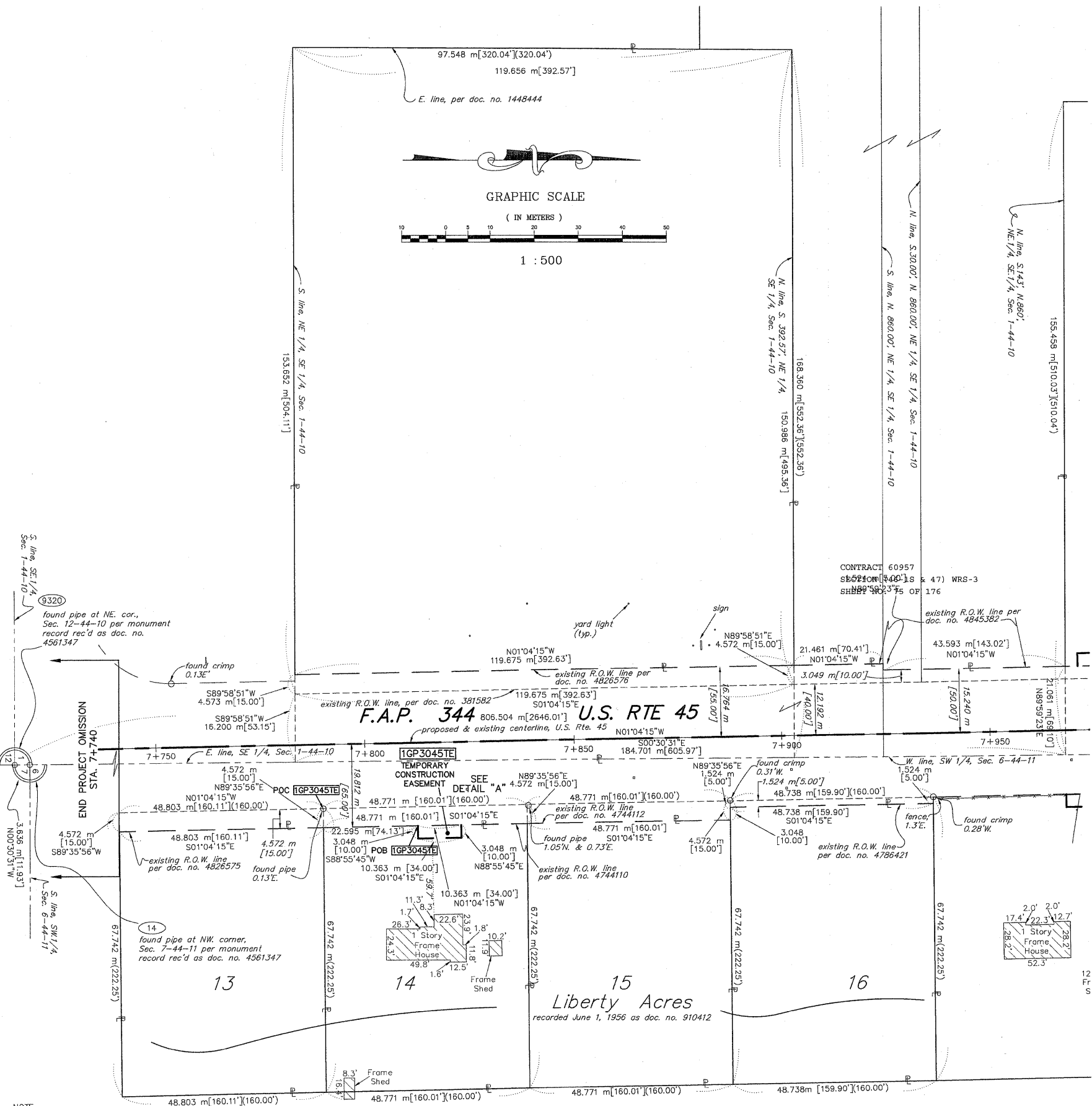
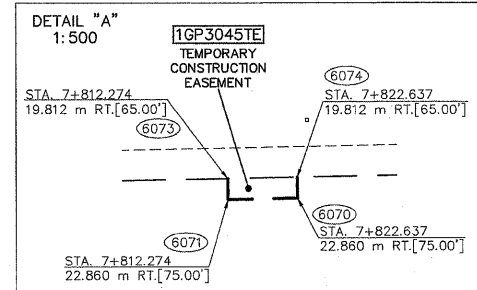
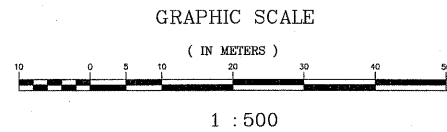
QUARTER SECTION CORNER

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

- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- METRIC DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- ▨ EXISTING BUILDING

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GP3045	ERIC & MARTA SCHNEIDER	0.761 3081	N/A	0.761 3081	N/A	0.008* 32	TEMPORARY CONSTR.	11-06-301-035	

* 340 S.F.



CONTRACT 60957
SECTION (46-18 & 47) WRS-3
SHEET NO. 75 OF 176

found pipe at NE cor., Sec. 12-44-10 per monument record rec'd as doc. no. 4561347

found pipe at E.1/4 cor., Sec. 1-44-10 per monument records rec'd as doc. no. 2397755 & 2617971

found pipe at W.1/4 cor., Sec. 6-44-11 per monument record rec'd as doc. no. 2397755

found pipe at NW corner, Sec. 7-44-11 per monument record rec'd as doc. no. 4561347



STATE OF ILLINOIS } SS
COUNTY OF WILL

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 44 NORTH, RANGE 10 EAST, AND SECTION 6, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JULIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
MY LICENSE EXPIRES 11-30-2008

CONTRACT 60957
SECTION (46-18 & 47) WRS-3
SHEET NO. 75 OF 176

RUETTIGER, TONELLI & ASSOCIATES, INC.
LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
2174 ONEIDA STREET
JULIET, ILLINOIS 60435
PH. (815) 744-6600

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
PROJECT JOB NO. R91-019-91
STATION 7+750 TO STATION 7+930
SCALE: 1:500 SHEET 18 OF 39

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

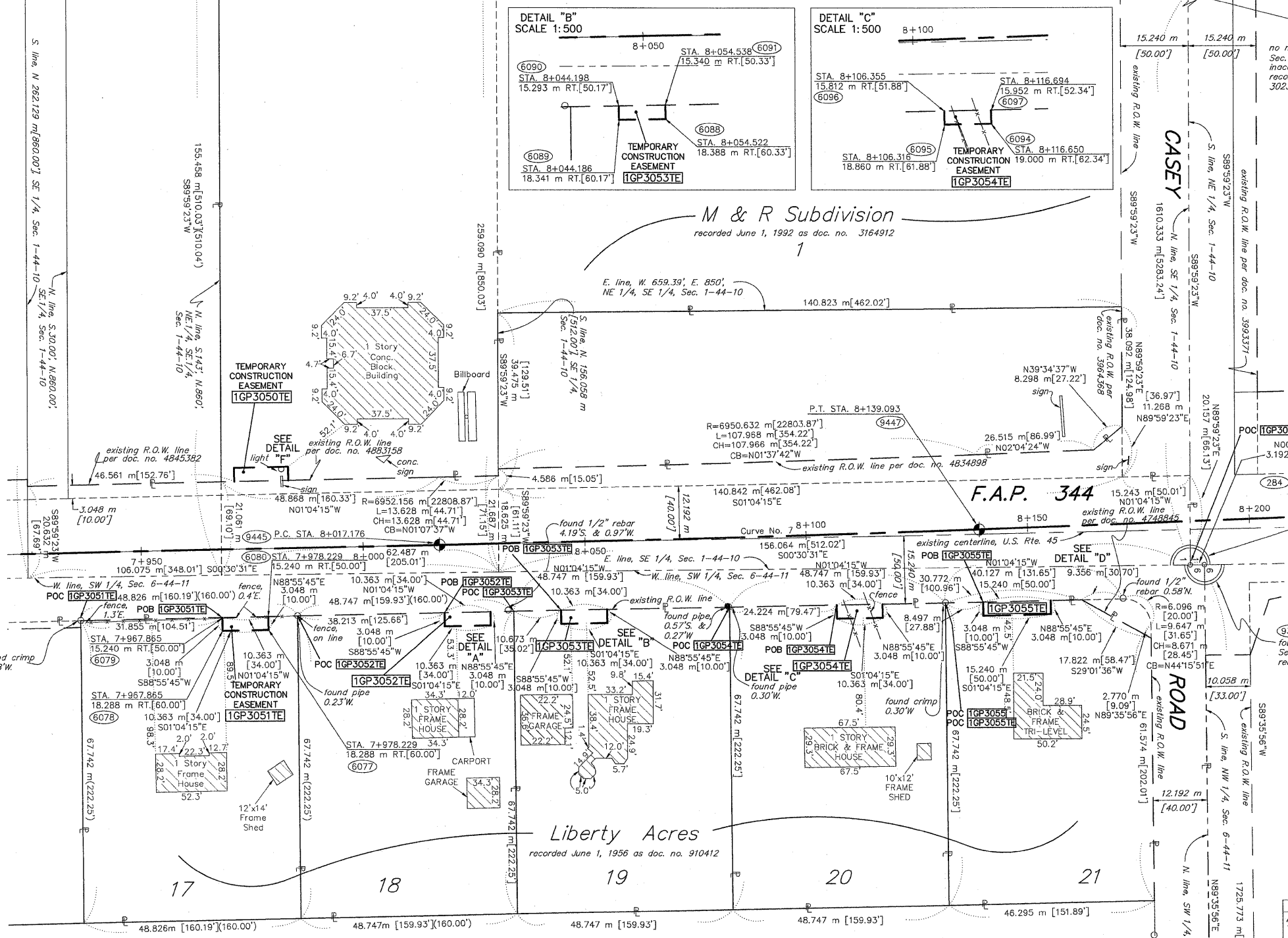
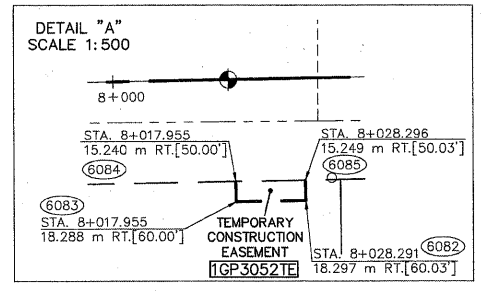
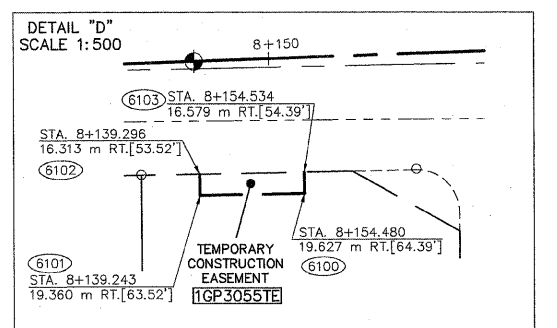
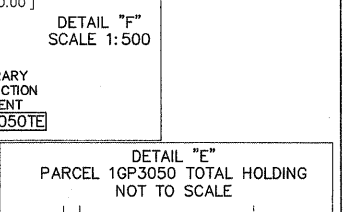
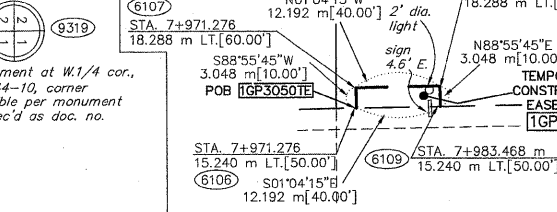
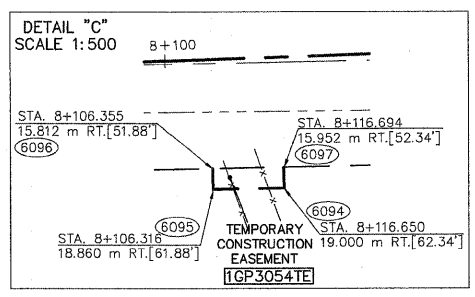
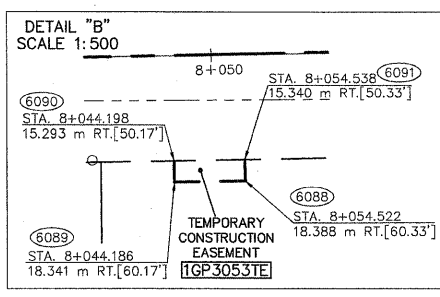
NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

REVISION DATE	REVISION	MADE BY

PART OF THE SW 1/4, SEC. 6, T.44 N., R.11 E. & PART OF THE SE 1/4, SEC. 1, T.44 N., R.10 E. OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.



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



CURVE DATA TABLE

Curve No.	7
Δ	1°00'09"
T	60.960 m
T	121.917 m
R	6967.396 m
E	0.267 m
P.C. STA.	8+017.176
P.T. STA.	8+139.093
P.I. STA.	8+078.136

STATE OF ILLINOIS }
 COUNTY OF WILL } SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 6, TOWNSHIP 44 NORTH, RANGE 11 EAST, AND SECTION 6, TOWNSHIP 44 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31ST DAY OF February, 2008 A.D.

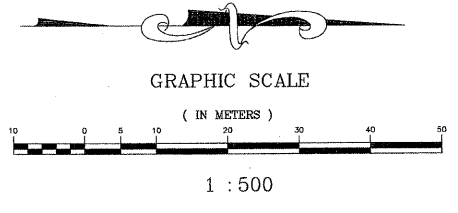
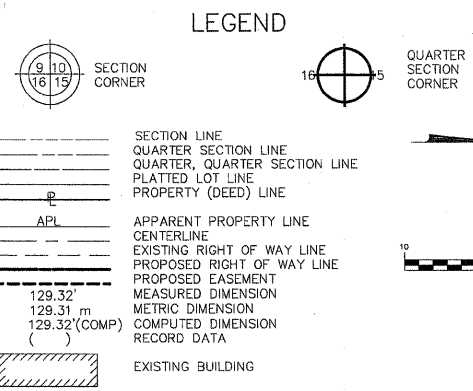
ERIC C. COX, P.L.S. NO. 3604
 MY LICENSE EXPIRES 11-30-2008

NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEV. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
16P3050	CCJFLP(50% UNDIVIDED) & PAFLP (50% UNDIVIDED)	2.070	N/A	2.070	0.283	0.009*	TEMPORARY CONSTRUCTION	10-01-400-062	
16P3051	JAMES M. & ELENA K. JENKINSON	0.817	N/A	0.817	N/A	0.008**	TEMPORARY CONSTRUCTION	11-06-301-005	
16P3052	EDWARD J. & PAMELA J. KRASE	0.816	N/A	0.816	N/A	0.008**	TEMPORARY CONSTRUCTION	11-06-301-004	
16P3053	EDWARD JOHN KRASE & PAMELA JILL KRASE	0.816	N/A	0.816	N/A	0.008**	TEMPORARY CONSTRUCTION	11-06-301-003	
16P3054	JOHN & ARLENE MARTZ, TRUSTEE	0.816	N/A	0.816	N/A	0.008	TEMPORARY CONSTRUCTION	11-06-301-002	
16P3055	SCOTT R. SNARSKI & DIANA L. SNARSKI	0.758	N/A	0.758	N/A	0.012	TEMPORARY CONSTRUCTION	11-06-301-029	



PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
 PROJECT JOB NO. R91-019-91
 STATION 7+920 TO STATION 8+200
 SCALE: 1:500 SHEET 19 OF 39

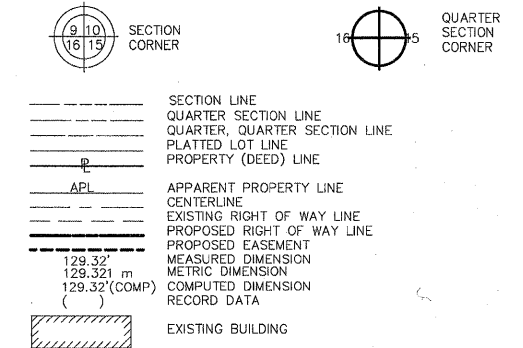
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE	REVISION	MADE BY

PART OF THE NW 1/4, SEC. 6, T.44 N., R.11 E. & PART OF THE NE 1/4, SEC. 1, T.44 N., R.10 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GP3058	PRAIRIE CROSSING HOMEOWNERS ASSOC.	N/A	N/A	N/A	N/A	A-0.033 B-0.033 135 134	TEMPORARY CONSTRUCTION	10-01-205-003 10-01-206-010	
SEE SHEETS 21, 23, 35 & 36 FOR REMAINING PARCEL									

LEGEND



Prairie Crossing Phase One

recorded December 19, 1994 as doc. no. 3626674

Outlot F2

SEE SHEET 35 & 36 FOR TOTAL HOLDING DIAGRAM OF PARCEL 1GP3058

PARCEL 19G0058DED-D CONVEYED BY DOC. NO. 4872761

Parcel 0001-A dedicated by doc. no. 3890469

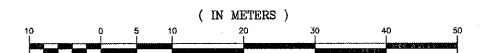
F.A.P. 344

U.S. RTE. 45

proposed centerline, U.S. Rte. 45

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

GRAPHIC SCALE



1 : 500

NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RUETTIGER, TONELLI & ASSOCIATES, INC.
LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
PROJECT JOB NO. R91-019-91
STATION 8+180 TO STATION 8+550
SCALE: 1:500 SHEET 20 OF 39

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

CONTRACT 60957
SECTION (46-1S & 47) WRS-3
SHEET NO. 77 OF 176

STATE OF ILLINOIS }
COUNTY OF WILL }



THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SECTION HEREON BETWEEN SECTION 1, TOWNSHIP 44 NORTH, RANGE 10 EAST, AND SECTION 6, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
MY LICENSE EXPIRES 11-30-2008

REVISION DATE	REVISION	MADE BY

no monument at W 1/4 corner, Sec. 1-44-10 per monument record rec'd as doc. no. 3023751

CASEY

found pipe, E 1/4 cor., Sec. 1-44-10 per monument records rec'd as doc. no. 2617971 & 2397755 Sta. 8+185.928, 7.962m Rt. [26.12']

ROAD

SEE SHEET 19 FOR CONTINUATION

found cast iron monument, E 1/4 cor., Sec. 6-44-11 per monument record rec'd as doc. no. 3702285

SEE SHEET 21 FOR CONTINUATION

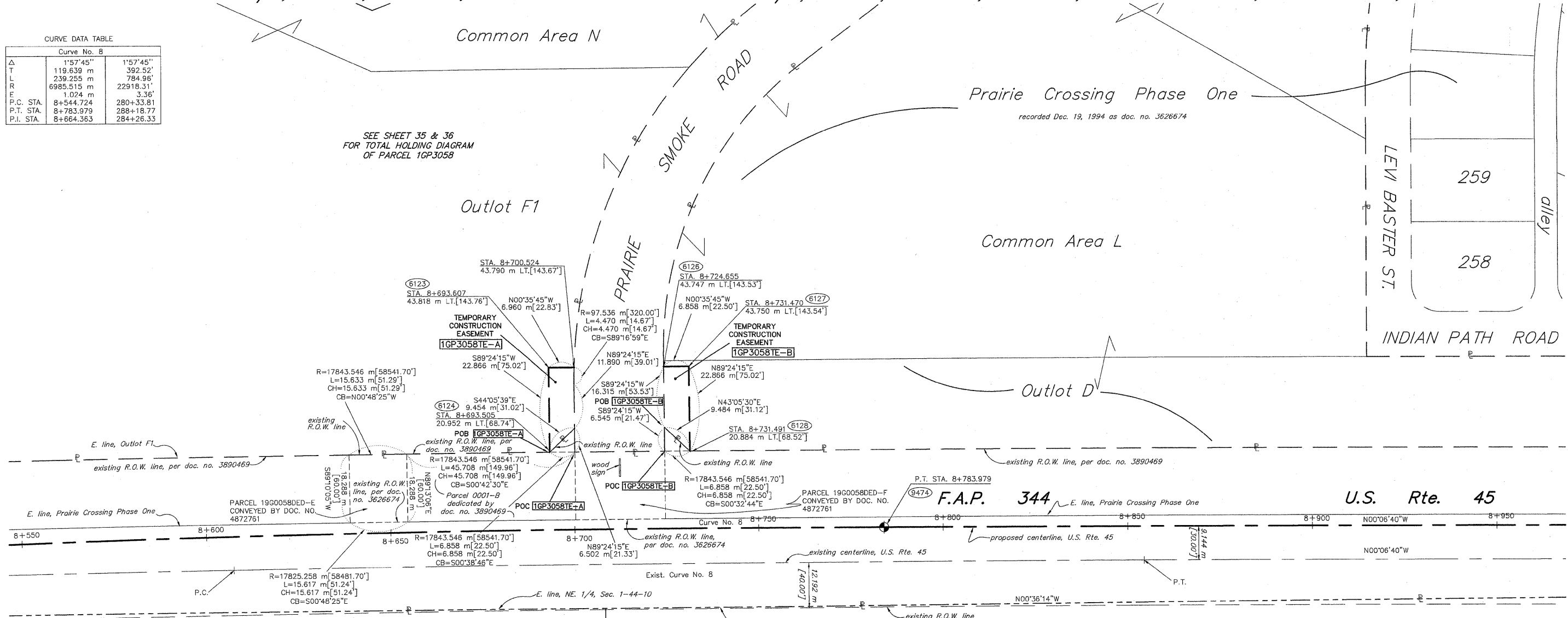
found 3/8" pipe at NW corner, Sec. 6-44-11 per monument record rec'd as doc. no. 2397755

PART OF THE NE 1/4, SEC. 1, T. 44 N., R. 10 E. & PART OF THE NW 1/4, SEC. 6, T. 44 N., R. 11 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

CURVE DATA TABLE

Curve No.	8
Δ	1°57'45"
T	119.639 m
L	239.255 m
R	6985.515 m
E	1.024 m
P.C. STA.	8+544.724
P.T. STA.	8+783.979
P.I. STA.	8+664.363

SEE SHEET 35 & 36 FOR TOTAL HOLDING DIAGRAM OF PARCEL 1GP3058

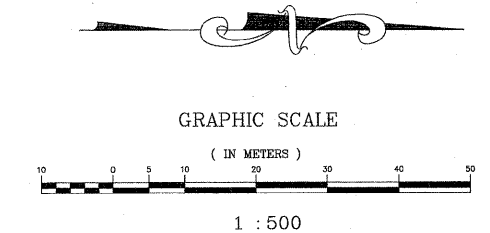


LEGEND

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

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	EASEMENT ACRES	PREV. DEED ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GP3058	PRAIRIE CROSSING HOMEOWNERS ASSOC.	N/A	N/A	N/A	N/A	A-0.033 135 B-0.033 134	TEMPORARY CONSTRUCTION	10-01-205-003 10-01-206-010	
SEE SHEETS 20, 23, 35 & 36 FOR REMAINING PARCEL									

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



STATE OF ILLINOIS }
COUNTY OF WILL } SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 44 NORTH, RANGE 10 EAST, AND SECTION 6, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
MY LICENSE EXPIRES 11-30-2008

NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.

ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

CONTRACT 60957
SECTION (46-19 & 47) WRS-3
SHEET NO. 78 OF 176

RUETTIGER, TONELLI & ASSOCIATES, INC.
LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600

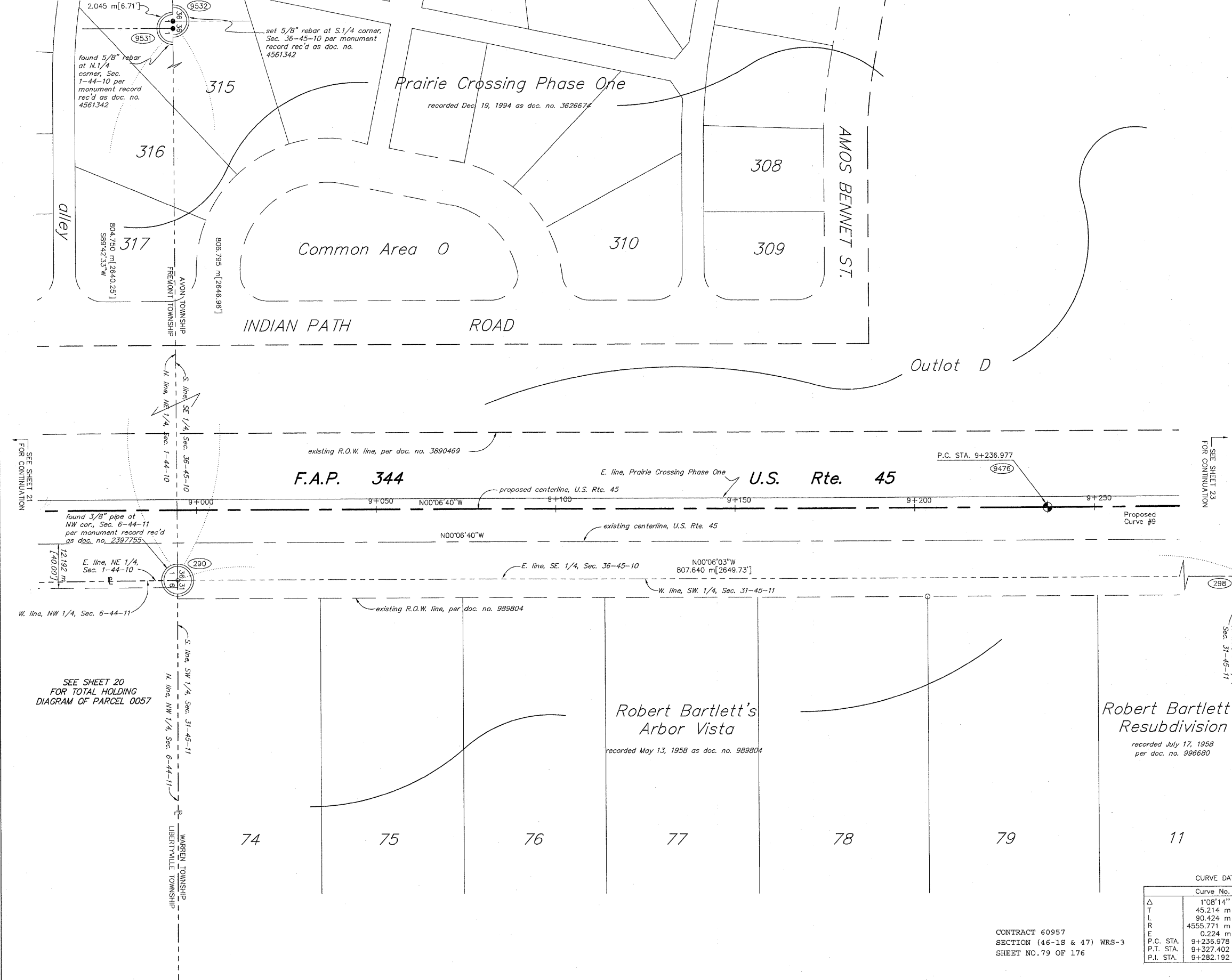
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
PROJECT JOB NO. R91-019-91
STATION 8+550 TO STATION 8+950
SCALE: 1:500 SHEET 21 OF 39

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

REVISION DATE	REVISION	MADE BY

PART OF THE SE 1/4, SEC. 36, T. 45 N., R. 10 E. & PART OF THE SW 1/4, SEC. 31, T. 45 N., R. 11 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.



LEGEND

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

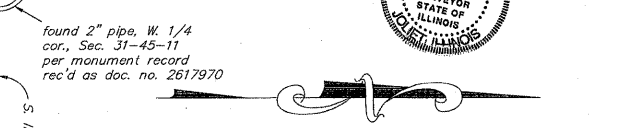
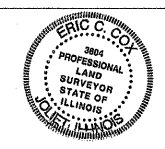
- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH
- T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES,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

STATE OF ILLINOIS }
COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 36, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTION 31, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
MY LICENSE EXPIRES 11-30-2008



NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RUETTIGER, TONELLI & ASSOCIATES, INC.
LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600

CURVE DATA

Curve No.	9	9
Δ	1°08'14"	1°08'14"
T	45.214 m	148.34'
L	90.424 m	296.67'
R	4555.771 m	14946.73'
E	0.224 m	0.74'
P.C. STA.	9+236.978	303+04.98
P.T. STA.	9+327.402	306+01.65
P.I. STA.	9+282.192	304+53.32

CONTRACT 60957
SECTION (46-18 & 47) WRS-3
SHEET NO. 79 OF 176

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
PROJECT JOB NO. R91-019-91
STATION 8+950 TO STATION 9+250
SCALE: 1:500 SHEET 22 OF 39

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

REVISION DATE	REVISION	MADE BY

PART OF THE SE 1/4, SEC. 36, T. 45 N., R. 10 E. & PART OF THE SW 1/4, SEC. 31, T. 45 N., R. 11 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

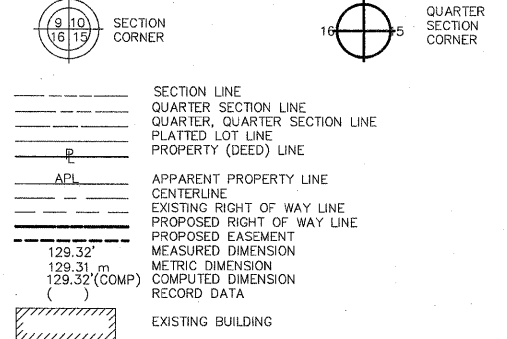
- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES,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



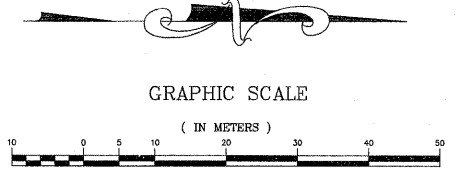
STATE OF ILLINOIS }
 COUNTY OF WILL }
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 36, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTION 31, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JULIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.
 ERIC C. COX, P.L.S. NO. 3804
 MY LICENSE EXPIRES 11-30-2008

LEGEND



Curve No. 9		
Δ	1'08"14"	1'08"14"
T	45.214 m	148.34'
L	90.424 m	296.67'
R	4555.771 m	14946.73'
E	0.224 m	0.74'
P.C. STA.	9+236.978	303+04.98
P.T. STA.	9+327.402	306+01.65
P.I. STA.	9+282.192	304+53.32



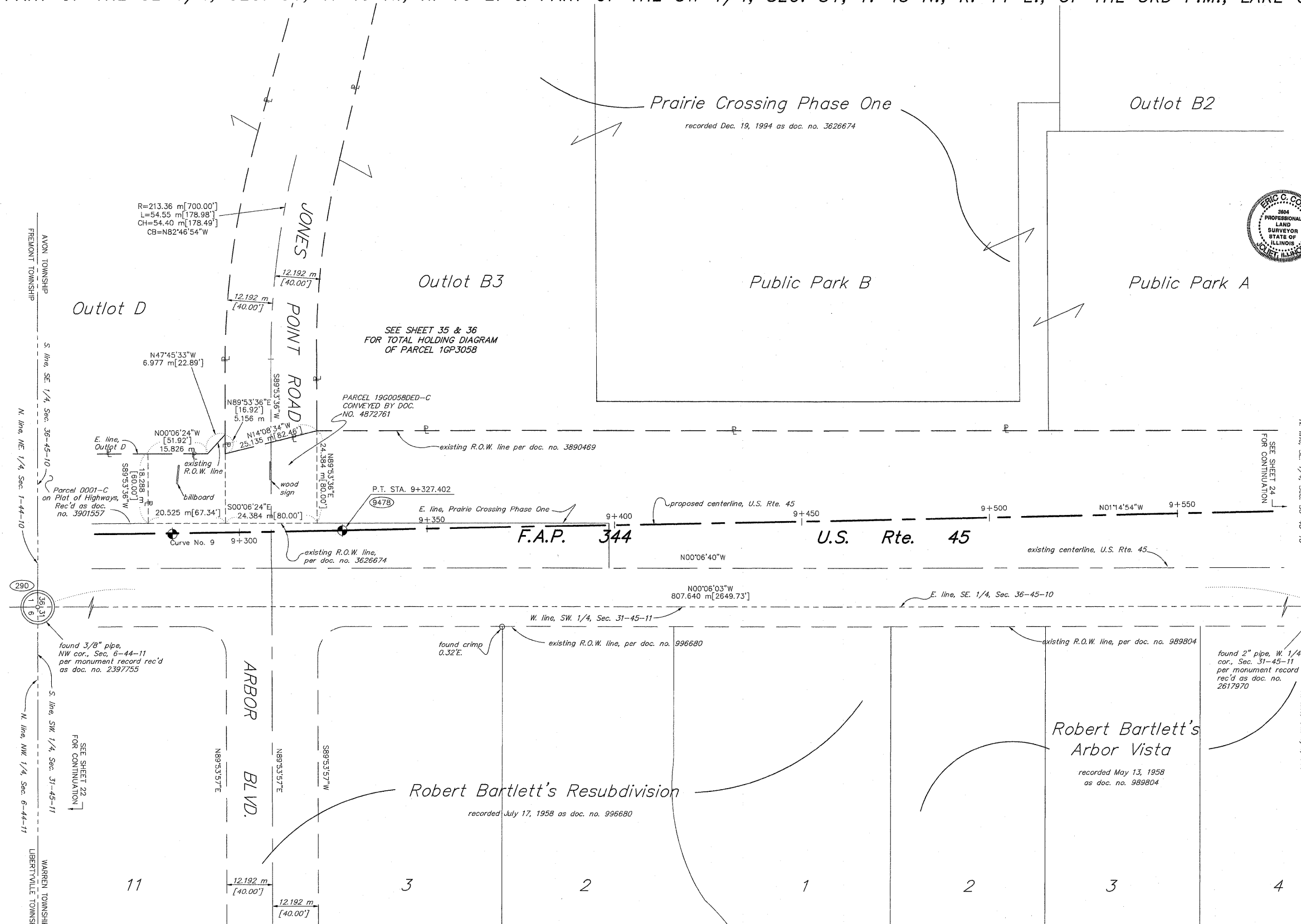
1 : 500
 NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
 ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.
 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
 2174 ONEIDA STREET
 JULIET, ILLINOIS 60435
 PH. (815) 744-6600

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 344 (U.S. 45)
 SECTION LAKE COUNTY
 PROJECT JOB NO. R91-019-91
 STATION 9+260 TO STATION 9+570
 SCALE: 1:500 SHEET 23 OF 39

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

CONTRACT 60957
 SECTION (46-18 & 47) WRS-3
 SHEET NO. 80 OF 176

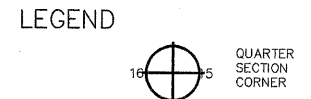


PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
16P3058	PRAIRIE CROSSING HOMEOWNERS ASSOC.	N/A	N/A	N/A	N/A	A-0.033 135 B-0.033 134	TEMPORARY CONSTRUCTION	10-01-205-003 10-01-206-010	

REVISION DATE	REVISION	MADE BY

N:\11\167\91023\167\167_167_167.dwg, Layout1, 1/31/2008 2:52:02 PM, jmsdy

PART OF THE W. 1/2 OF SEC. 31, TWP. 45 N., R. 11 E. & PART OF THE E. 1/2, SEC. 36, T.45 N., R. 10 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.



STATE OF ILLINOIS }
 COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 36, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTION 31, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

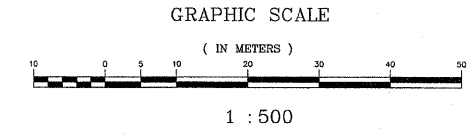
DATED AT JOLIET, ILLINOIS THIS 31ST DAY OF January, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
 MY LICENSE EXPIRES 11-30-2008

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

CURVE DATA

Curve No. 10		
Δ	3°52'27"	3°52'27"
T	118.116 m	387.52'
L	236.143 m	774.75'
R	3492.329 m	11457.75'
E	1.997 m	6.55'
P.C. STA.	9+604.164	315+09.66
P.T. STA.	9+840.306	322+84.41
P.I. STA.	9+722.280	318+97.18



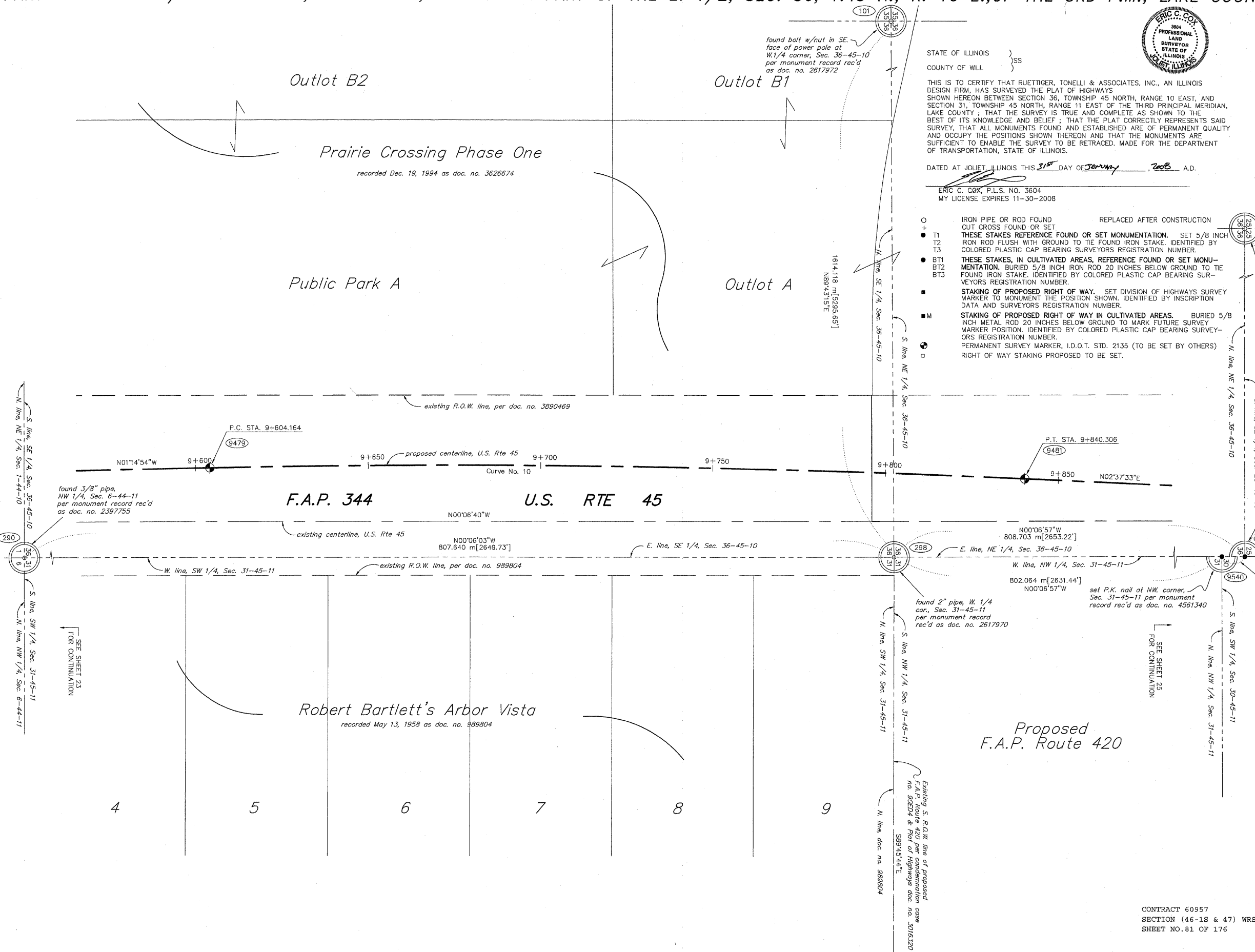
NOTE:
 BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
 ALL STATION, OFFSET AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.
 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-6600

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
 PROJECT JOB NO. R91-019-91
 STATION 9+570 TO STATION 9+880
 SCALE: 1:500 SHEET 24 OF 39

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



REVISION DATE	REVISION	MADE BY

CONTRACT 60957
 SECTION (46-1S & 47) WRS-3
 SHEET NO. 81 OF 176

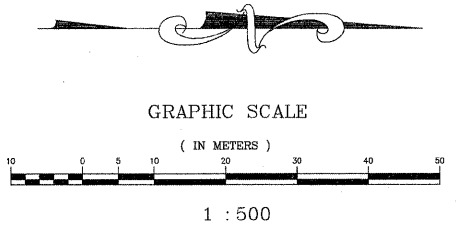
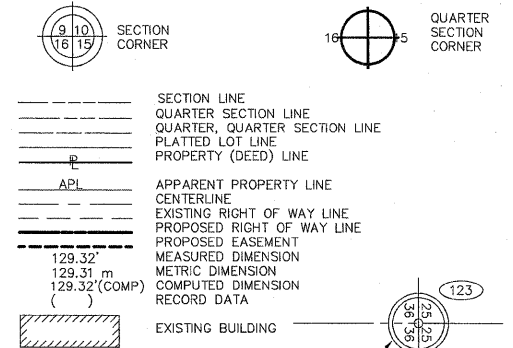
1/15/2008 2:26:54 PM jshedy

PART OF THE NE 1/4, SEC. 36, T. 45 N., R. 10 E. & THAT PART OF THE NW 1/4, SEC. 31, T. 45 N., R. 11 E., OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

LEGEND

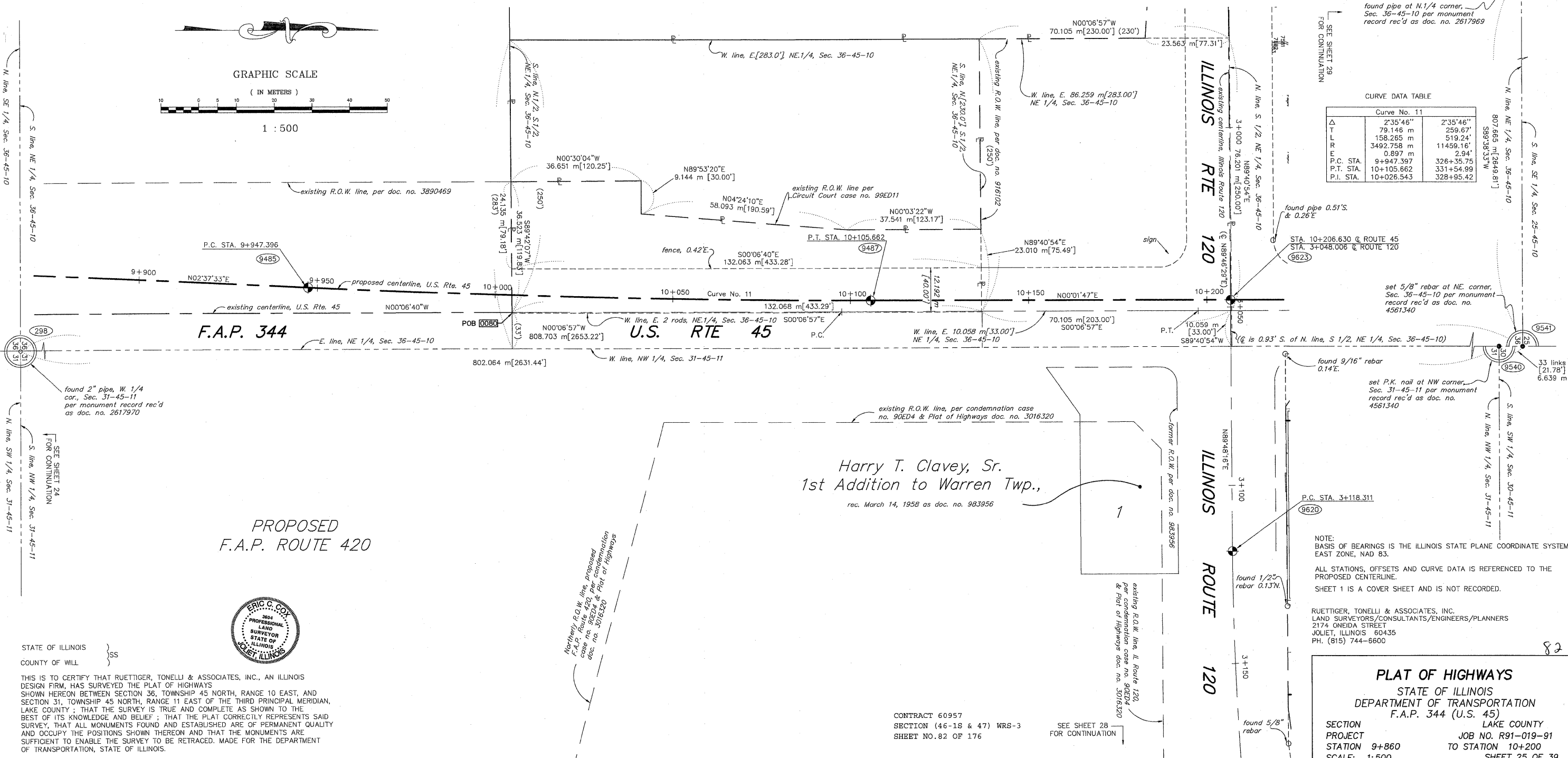
- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- T1 OUT CROSS FOUND OR SET
- T2 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 THESE STAKES, IN CULTIVATED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

- POWER POLE
- HAND HOLE
- DRAINAGE STRUCTURE
- FIRE HYDRANT
- TRAFFIC SIGNAL
- TREE LINE
- G GAS MARKER
- T.S. NORTH SHORE TEST STATION
- G.V. NORTH SHORE GAS VALVE
- A AMERITECH FLAG



CURVE DATA TABLE

Curve No. 11		
Δ	2'35"46"	2'35"46"
T	79.146 m	259.67'
L	158.265 m	519.24'
R	3492.758 m	11459.16'
E	0.897 m	2.94'
P.C. STA.	9+947.397	326+35.75
P.T. STA.	10+105.662	331+54.99
P.I. STA.	10+026.543	328+95.42



PROPOSED
F.A.P. ROUTE 420



STATE OF ILLINOIS }
COUNTY OF WILL }

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 36, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTION 31, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31st DAY OF JANUARY, 2008 A.D.

ERIC C. COX, P.L.S. NO. 3604
MY LICENSE EXPIRES 11-30-2008

CONTRACT 60957
SECTION (46-18 & 47) WRS-3
SHEET NO. 82 OF 176

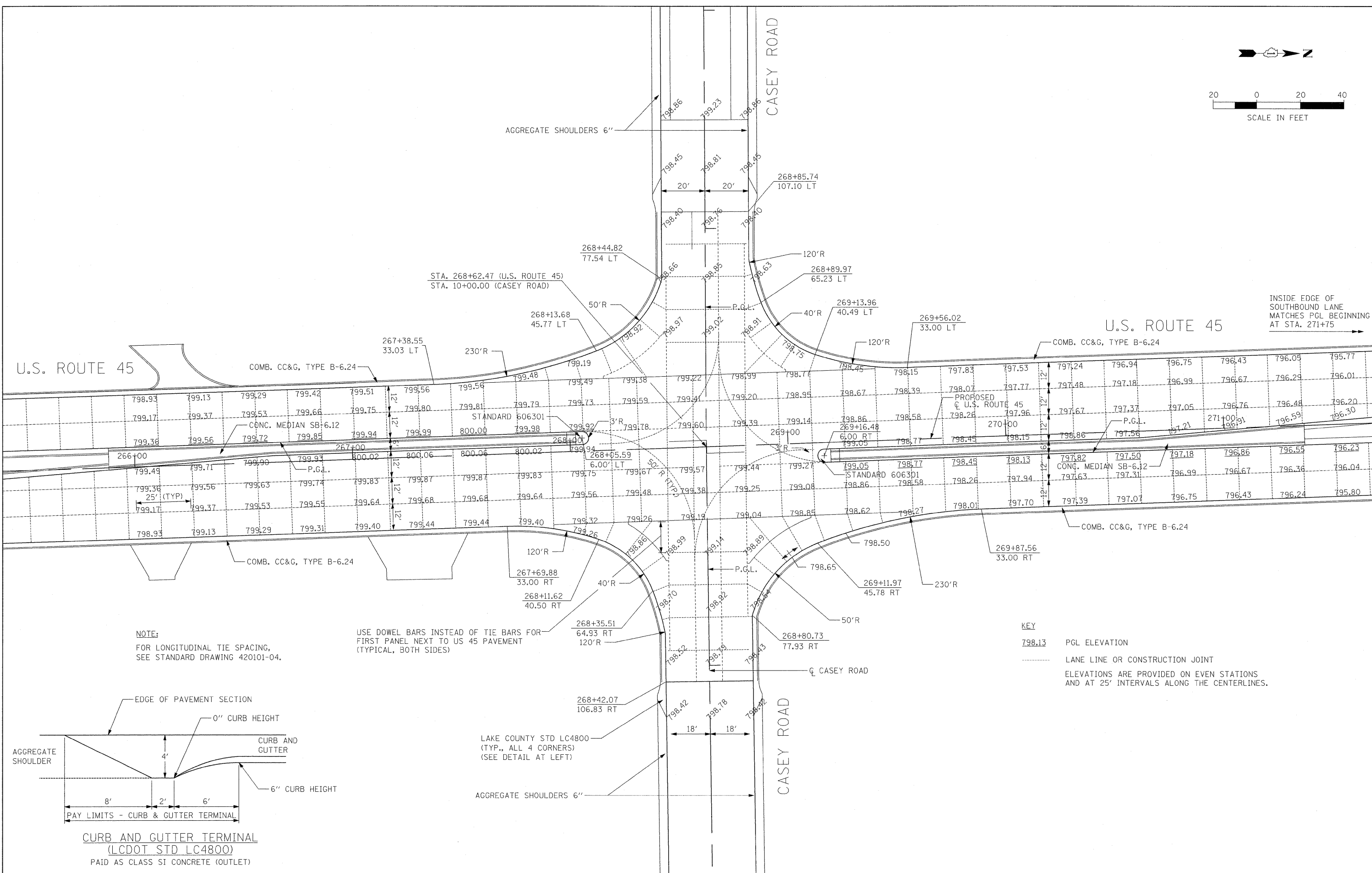
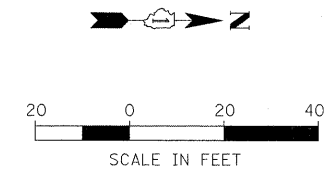
SEE SHEET 28
FOR CONTINUATION

REVISION DATE	REVISION	MADE BY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY
PROJECT JOB NO. R91-019-91
STATION 9+860 TO STATION 10+200
SCALE: 1:500 SHEET 25 OF 39

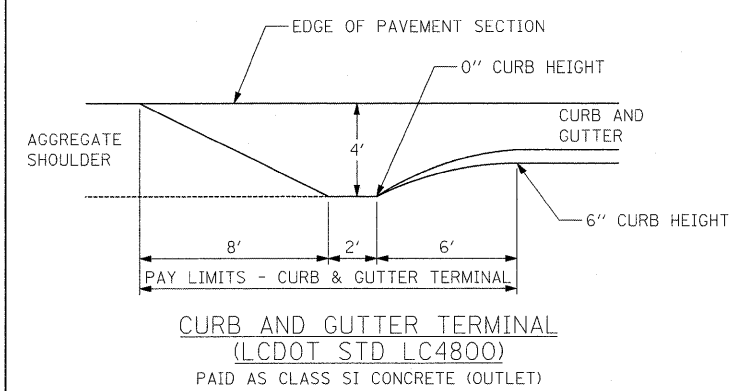
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



NOTE:
FOR LONGITUDINAL TIE SPACING,
SEE STANDARD DRAWING 420101-04.

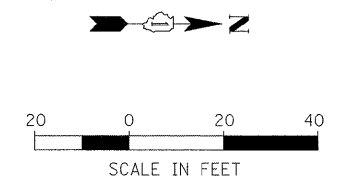
USE DOWEL BARS INSTEAD OF TIE BARS FOR
FIRST PANEL NEXT TO US 45 PAVEMENT
(TYPICAL, BOTH SIDES)

KEY
798.13 PGL ELEVATION
..... LANE LINE OR CONSTRUCTION JOINT
ELEVATIONS ARE PROVIDED ON EVEN STATIONS
AND AT 25' INTERVALS ALONG THE CENTERLINES.

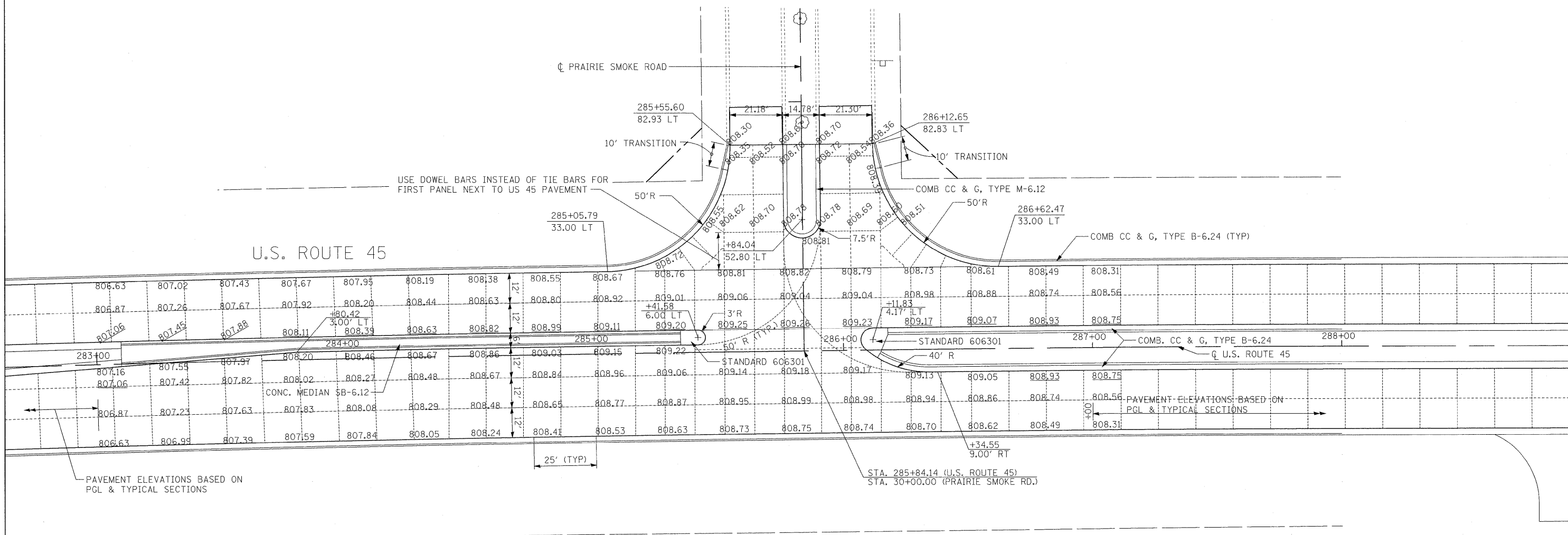


LAKE COUNTY STD LC4800
(TYP., ALL 4 CORNERS)
(SEE DETAIL AT LEFT)

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAILS — CASEY RD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA.	344	(46-1S&47)WRS-3	LAKE	176	83
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		TO STA.			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PRAIRIE SMOKE RD.

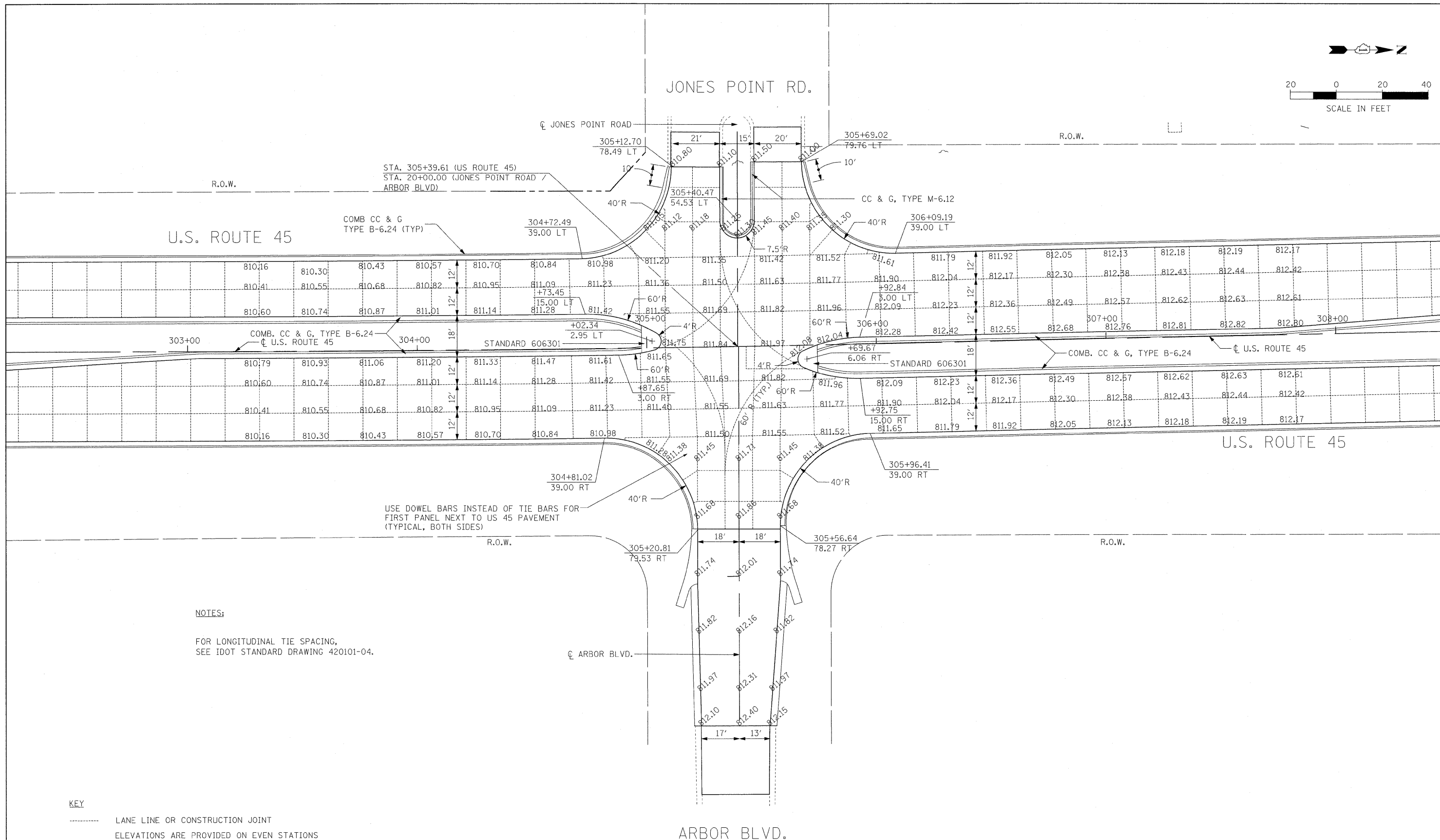
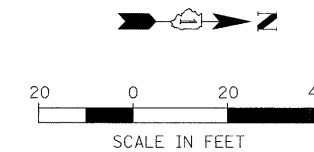


PAVEMENT ELEVATIONS BASED ON PCL & TYPICAL SECTIONS

NOTE:
FOR LONGITUDINAL TIE SPACING,
SEE IDOT STANDARD DRAWING 420101-04.

KEY
798.13 PGL ELEVATION
—— LANE LINE OR CONSTRUCTION JOINT
ELEVATIONS ARE PROVIDED ON EVEN STATIONS
AND AT 25' INTERVALS ALONG THE CENTERLINES.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAILS — PRAIRIE SMOKE RD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -		SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	344	(46-1S&47)WRS-3	LAKE	176	84
		CHECKED - JW	REVISED -						U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		
		DATE - 12-12-08	REVISED -						FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



NOTES:
 FOR LONGITUDINAL TIE SPACING,
 SEE IDOT STANDARD DRAWING 420101-04.

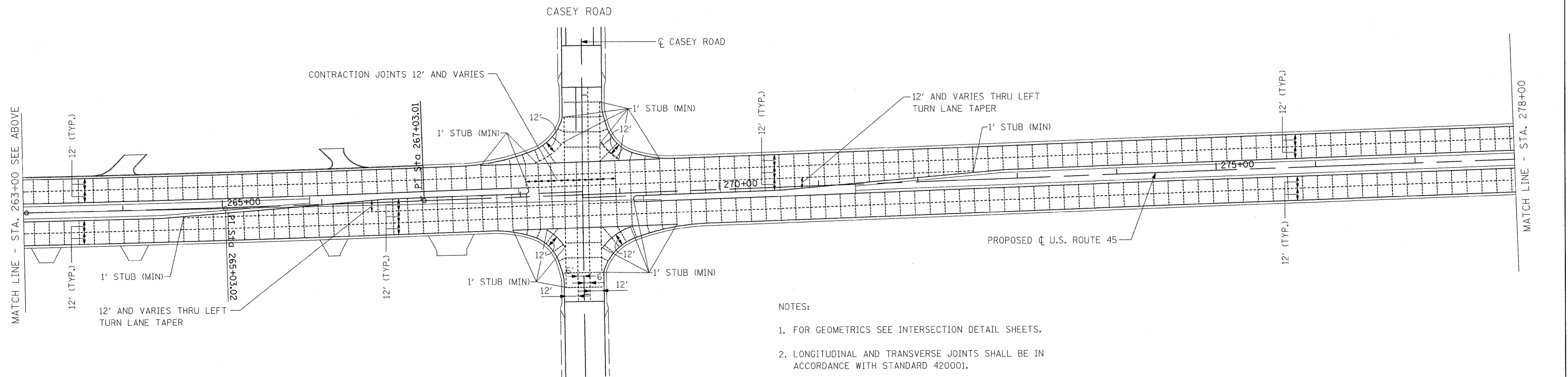
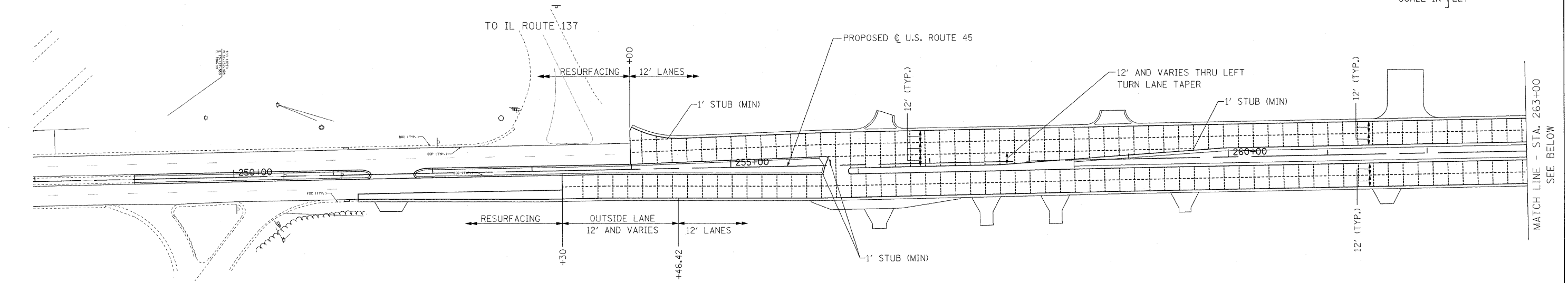
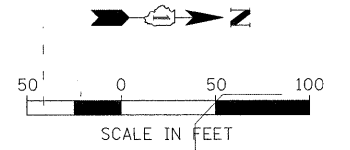
KEY
 ----- LANE LINE OR CONSTRUCTION JOINT
 ELEVATIONS ARE PROVIDED ON EVEN STATIONS
 AND AT 25' INTERVALS ALONG THE CENTERLINES.

U.S. ROUTE 45 AND ARBOR BLVD./JONES POINT RD.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAILS — ARBOR BLVD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	85	
		CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
		DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
					SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.			

JOINT LEGEND

- SAWED CONTRACTION JOINT
- SAWED LONGITUDINAL JOINT
- EXPANSION JOINT



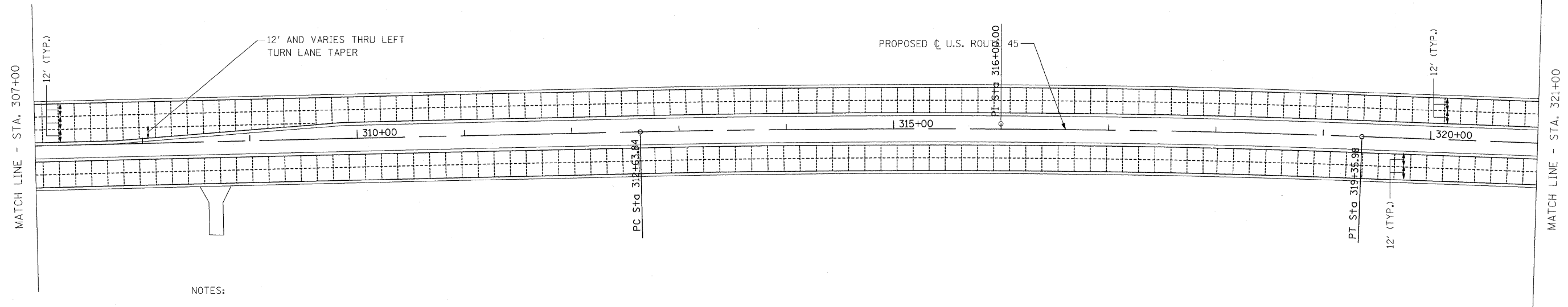
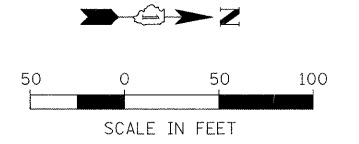
NOTES:

1. FOR GEOMETRICS SEE INTERSECTION DETAIL SHEETS.
2. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE IN ACCORDANCE WITH STANDARD 420001.
3. TWO LANE JOINTED PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH STANDARD 420101.
4. LONGITUDINAL JOINTS AT CONSTRUCTION JOINTS SHALL HAVE KEYWAYS.
5. CONTRACTION JOINT SPACING IS 15' UNLESS NOTED.
6. LONGITUDINAL JOINT SPACING IS 12' UNLESS NOTED.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT JOINT DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	86	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957					
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE: 1"=50'		SHEET NO. 1 OF 3 SHEETS		STA. 253+30 TO STA. 278+00	

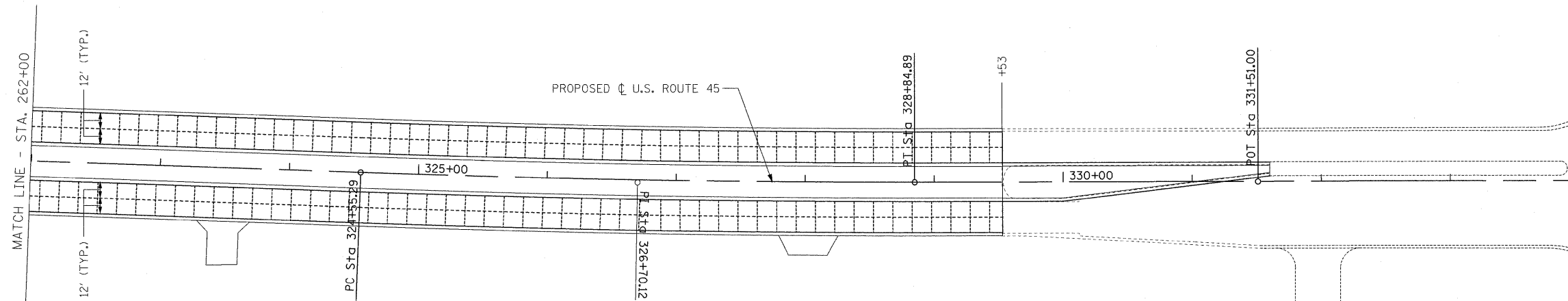
JOINT LEGEND

- SAWED CONTRACTION JOINT
- ===== SAWED LONGITUDINAL JOINT
- ===== EXPANSION JOINT



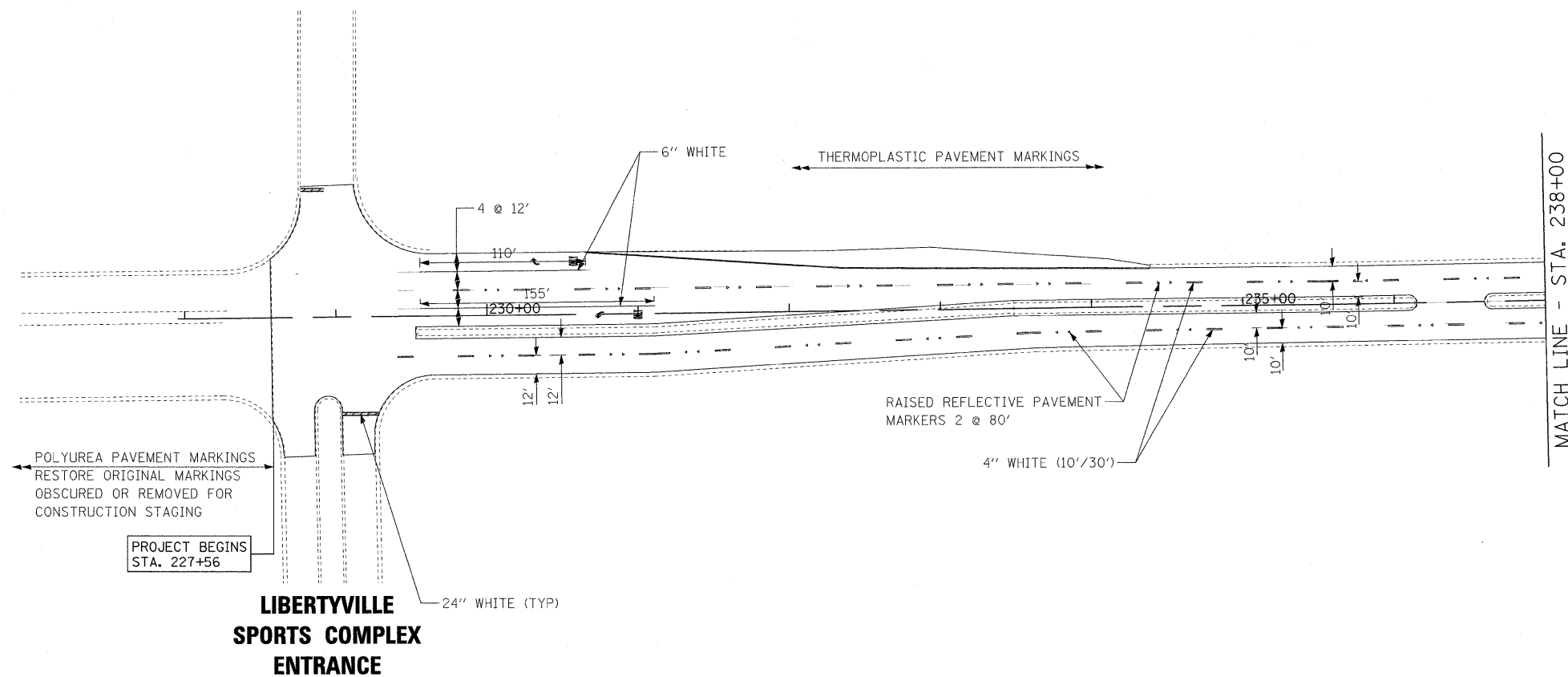
NOTES:

1. FOR GEOMETRICS SEE INTERSECTION DETAIL SHEETS.
2. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE IN ACCORDANCE WITH STANDARD 420001.
3. TWO LANE JOINTED PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH STANDARD 420101.
4. LONGITUDINAL JOINTS AT CONSTRUCTION JOINTS SHALL HAVE KEYWAYS.
5. CONTRACTION JOINT SPACING IS 15' UNLESS NOTED.
6. LONGITUDINAL JOINT SPACING IS 12' UNLESS NOTED.

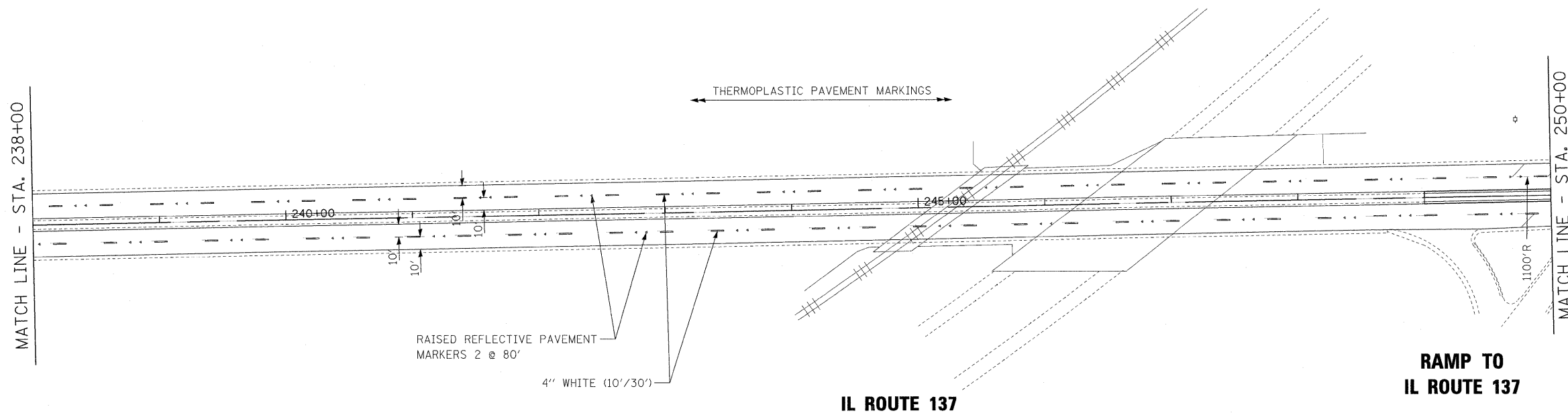


FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT JOINT DETAILS	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 88		
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS	STA. 307+00	TO STA. 329+53	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957		
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

TEMPEL DRIVE



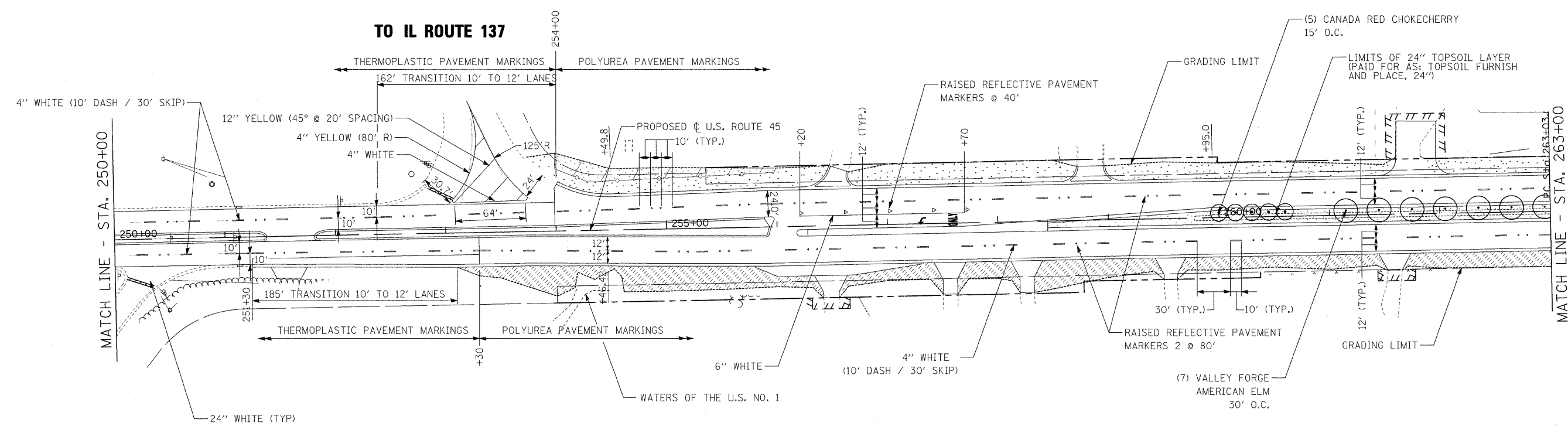
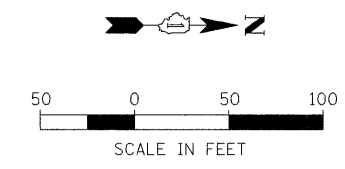
**LIBERTYVILLE
SPORTS COMPLEX
ENTRANCE**








IL ROUTE 137

**RAMP TO
IL ROUTE 137**

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	89	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. S LIMIT	TO STA. 250+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



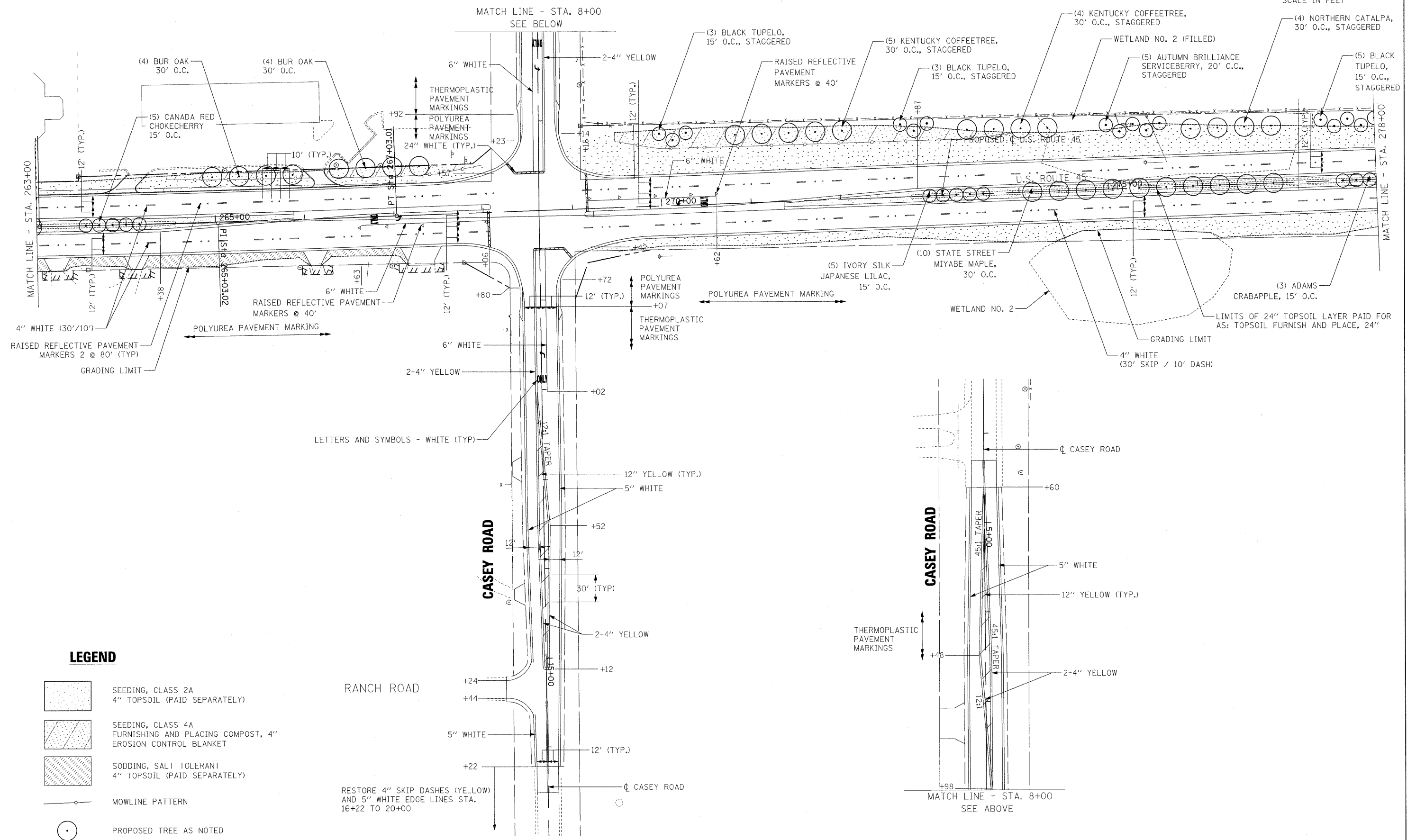
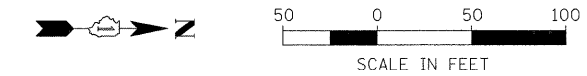
LEGEND

-  SEEDING, CLASS 2A
4" TOPSOIL (PAID SEPARATELY)
-  SEEDING, CLASS 4A
FURNISHING AND PLACING COMPOST, 4"
EROSION CONTROL BLANKET
-  SODDING, SALT TOLERANT
4" TOPSOIL (PAID SEPARATELY)
-  MOWLINE PATTERN
-  PROPOSED TREE AS NOTED


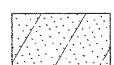

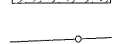

NOTES

1. ALL PAVEMENT MARKINGS SHALL BE POLYUREA TYPE 1.
2. RAISED REFLECTIVE PAVEMENT MARKERS AND PAVEMENT MARKINGS SHALL BE PLACED AS PER DISTRICT STANDARDS TC-11 AND TC-13 UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & LANDSCAPING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	90	
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -			SCALE: 1" = 50'		SHEET NO. 2 OF 5 SHEETS		STA. 249+00 TO STA. 263+00	



LEGEND

-  SEEDING, CLASS 2A
4" TOPSOIL (PAID SEPARATELY)
-  SEEDING, CLASS 4A
FURNISHING AND PLACING COMPOST, 4"
EROSION CONTROL BLANKET
-  SODDING, SALT TOLERANT
4" TOPSOIL (PAID SEPARATELY)
-  MOWLINE PATTERN
-  PROPOSED TREE AS NOTED

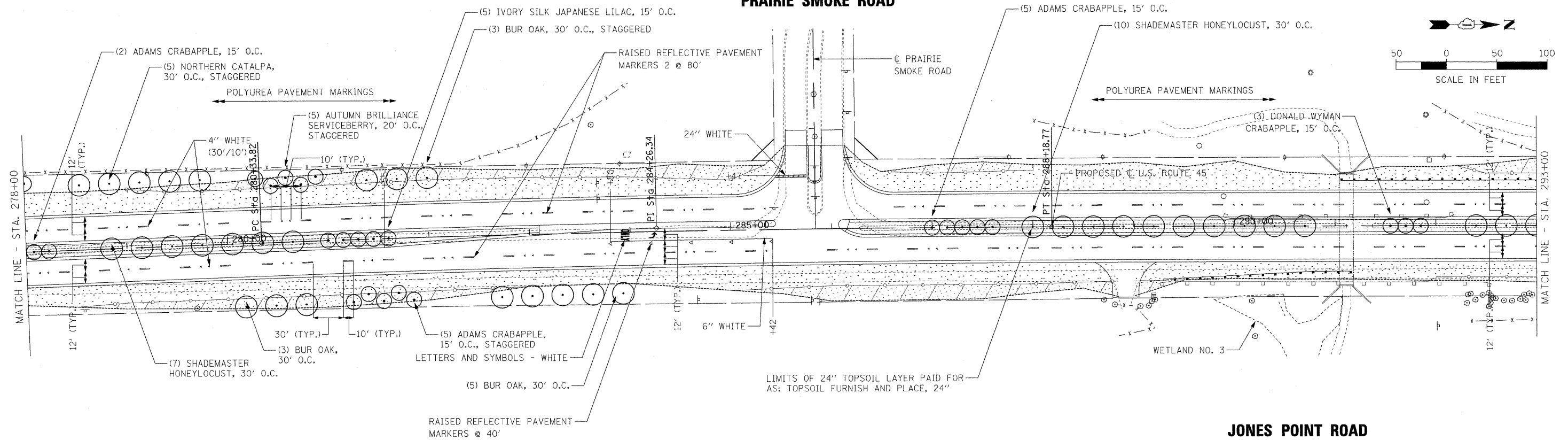
RESTORE 4" SKIP DASHES (YELLOW)
AND 5" WHITE EDGE LINES STA.
16+22 TO 20+00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

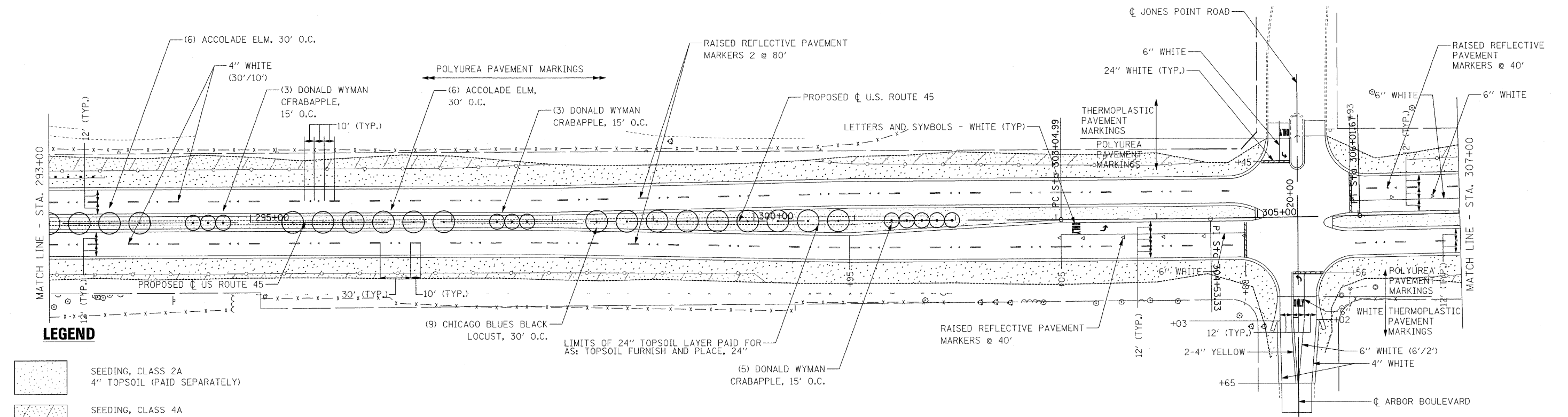
PAVEMENT MARKING & LANDSCAPING PLAN

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 344 (46-1S&47)WRS-3 LAKE 176 91 U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -	REVISED -	
PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -	REVISED -	
SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 263+00 TO STA. 278+00				

PRAIRIE SMOKE ROAD








JONES POINT ROAD

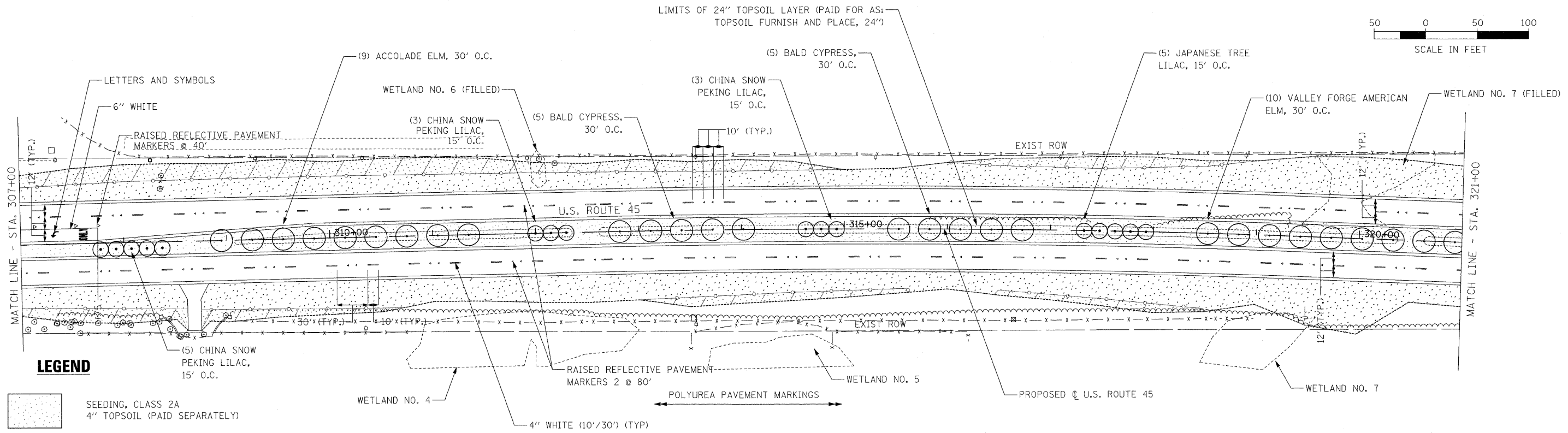
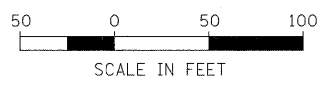


ARBOR BOULEVARD

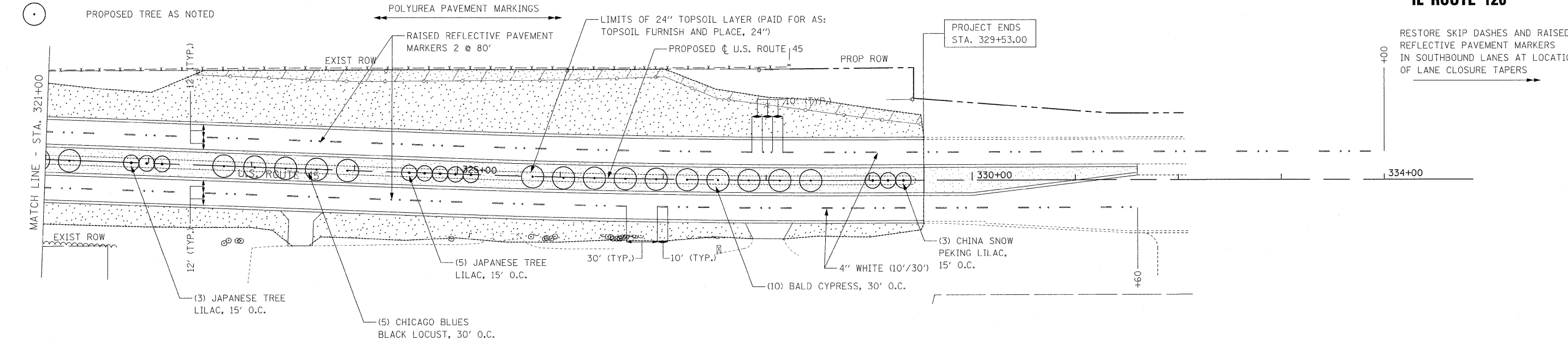
LEGEND

-  SEEDING, CLASS 2A
4" TOPSOIL (PAID SEPARATELY)
-  SEEDING, CLASS 4A
FURNISHING AND PLACING COMPOST, 4"
EROSION CONTROL BLANKET
-  SODDING, SALT TOLERANT
4" TOPSOIL (PAID SEPARATELY)
-  MOWLINE PATTERN
-  PROPOSED TREE AS NOTED

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & LANDSCAPING PLAN	F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 92		
PLOT SCALE = #SCALE#	DATE = 12-12-08	DRAWN - JRH	REVISED -			SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS	STA. 278+00	TO STA. 307+00	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957		
PLOT DATE = #DATE#	DATE = 12-12-08	CHECKED - JW	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE = 12-12-08	REVISED -									



- LEGEND**
- SEEDING, CLASS 2A
4" TOPSOIL (PAID SEPARATELY)
 - SEEDING, CLASS 4A
FURNISHING AND PLACING COMPOST, 4"
EROSION CONTROL BLANKET
 - SODDING, SALT TOLERANT
4" TOPSOIL (PAID SEPARATELY)
 - MOWLINE PATTERN
 - PROPOSED TREE AS NOTED



IL ROUTE 120

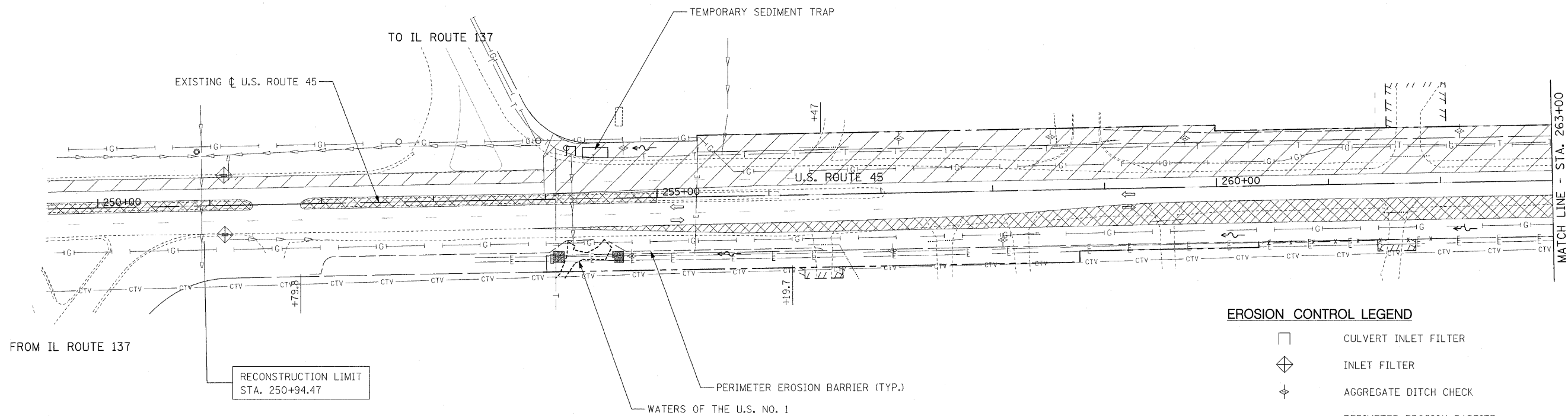
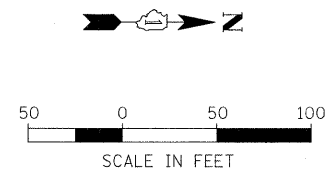
RESTORE SKIP DASHES AND RAISED REFLECTIVE PAVEMENT MARKERS IN SOUTHBOUND LANES AT LOCATION OF LANE CLOSURE TAPERS

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & LANDSCAPING PLAN			F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 93
	PLOT SCALE = *SCALE*	CHECKED - JW	REVISED -					U.S. ROUTE 45 RECONSTRUCTION	CONTRACT NO. 60957			
	PLOT DATE = *DATE*	DATE - 12-12-08	REVISED -					SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 307+00	TO STA. 334+00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT














EROSION CONTROL GENERAL NOTES

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
4. AREAS OR EMBANKMENTS WITH EXPOSED SOIL HAVING SLOPES GREATER THAN OR EQUAL TO 3H: 1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.
5. EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.
6. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
7. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
8. INSPECTION OF EROSION AND SEDIMENT CONTROL MEASURES SHALL OCCUR ONCE PER WEEK AND AFTER EACH STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL. SWPPP COMPLIANCE INSPECTION REPORT FORMS SHALL BE COMPLETED AFTER INSPECTIONS AND MAINTAINED ONSITE.
9. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED.
10. A STABILIZED MAT OR AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET OR PARKING AREA.
11. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
12. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.
13. SILT FENCE SHALL BE INSTALLED ON THE UPLAND BOUNDARY OF WETLAND AREAS ADJACENT TO THE PROJECT ROW. A SECOND LINE OF SILT FENCING SHALL BE INSTALLED AT THE BOUNDARY OF THE WETLAND BUFFER AREA, IF POSSIBLE. ADJACENT WETLANDS SHALL BE MARKED WITH "WETLAND AREA DO NOT ENTER" SIGNS.
14. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN OR OTHER APPROPRIATE MEASURE.).
15. THE EROSION CONTROL MEASURE INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
16. EROSION CONTROL BLANKET AND SEEDING CLASS 2A SHALL BE PLACED AFTER EACH STAGE CONSTRUCTION WHERE INDICATED AND/OR AS DIRECTED BY THE ENGINEER.
17. EROSION CONTROL BLANKETS SHALL NOT BE REQUIRED FOR EMBANKMENT SLOPES PERMANENTLY STABILIZED BY EXISTING VEGETATIVE STRIPS (E.G. EAST BANK OF U.S. 45 NEAR STATION 290+00).
18. THE CONTRACTOR SHALL SUBMIT THE PROPOSED EROSION PLANS TO THE LAKE COUNTY STORMWATER MANAGEMENT AND/OR THE US ARMY CORPS OF ENGINEERS COMMISSION FOR REVIEW AND APPROVAL.
19. STRAW BALES FOR INLET PROTECTION AND TEMPORARY DITCH CHECKS SHALL NOT BE ALLOWED. FILTER FABRIC SHALL BE PLACED BENEATH THE GRATE INSIDE THE INLET COVERS. TEMPORARY DITCH CHECKS WILL INCLUDE THOSE LISTED IN IDOT STANDARD 28001 (TEMPORARY EROSION CONTROL SYSTEMS).
20. INLET FILTERS SHALL BE USED FOR ALL OPEN GRATE STRUCTURES AND CURB INLETS LOCATED WITHIN THE PROPOSED PAVEMENT.

FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	94	
	CHECKED - JW	DATE - 12-12-08	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957			
	PLOT DATE = \$DATE\$					SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



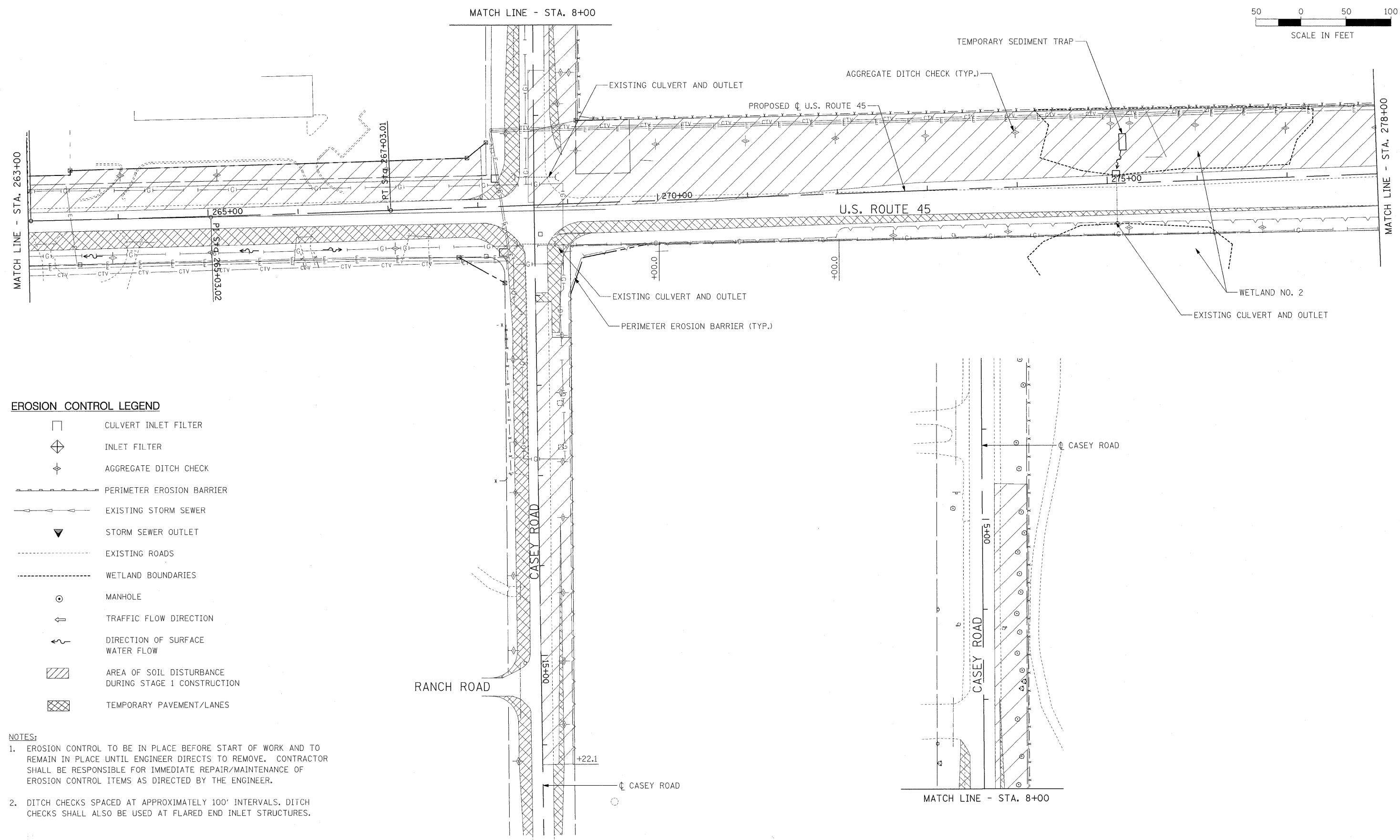
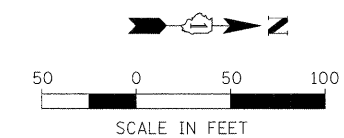
EROSION CONTROL LEGEND

-  CULVERT INLET FILTER
-  INLET FILTER
-  AGGREGATE DITCH CHECK
-  PERIMETER EROSION BARRIER
-  EXISTING STORM SEWER
-  STORM SEWER OUTLET
-  EXISTING ROADS
-  WETLAND BOUNDARIES
-  MANHOLE
-  TRAFFIC FLOW DIRECTION
-  DIRECTION OF SURFACE WATER FLOW
-  AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION
-  TEMPORARY PAVEMENT/LANES

NOTES:

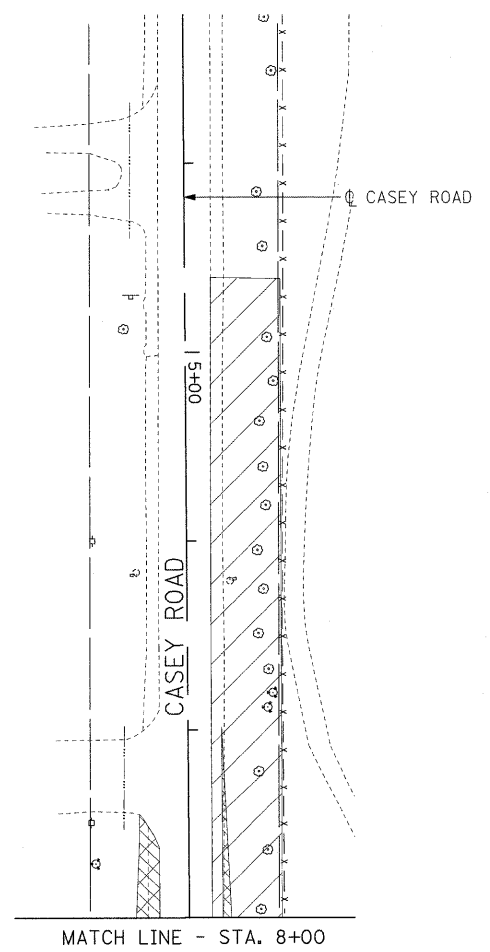
1. EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
2. DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.

FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN - STAGE 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JRH	REVISED -			344	(46-1S&47)WRS-3	LAKE	176	95	
		CHECKED - JW	REVISED -			SCALE: 1" = 50'		SHEET NO. 1 OF 4 SHEETS		STA. 249+00 TO STA. 263+00	
		DATE - 12-12-08	REVISED -			U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

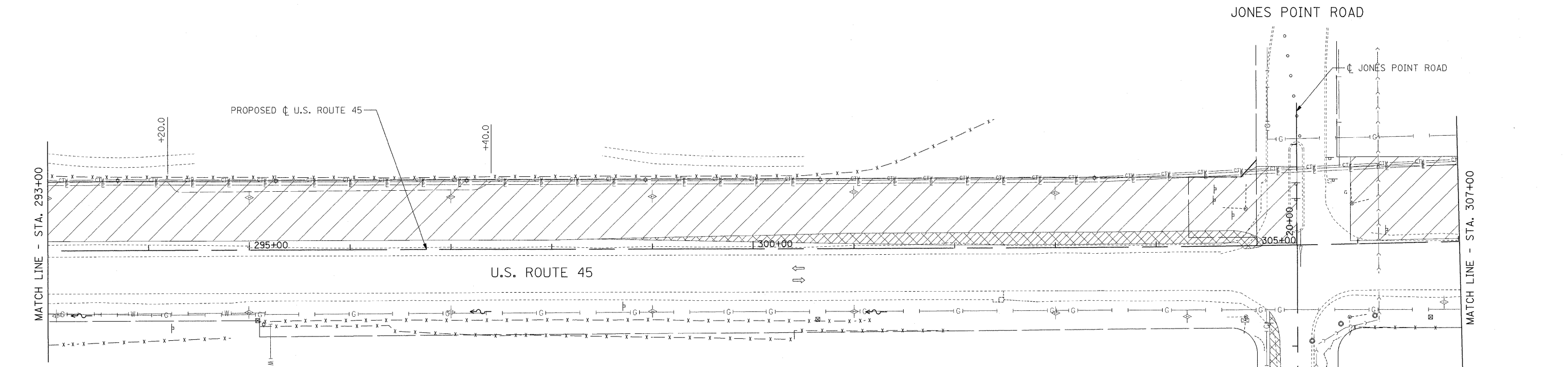
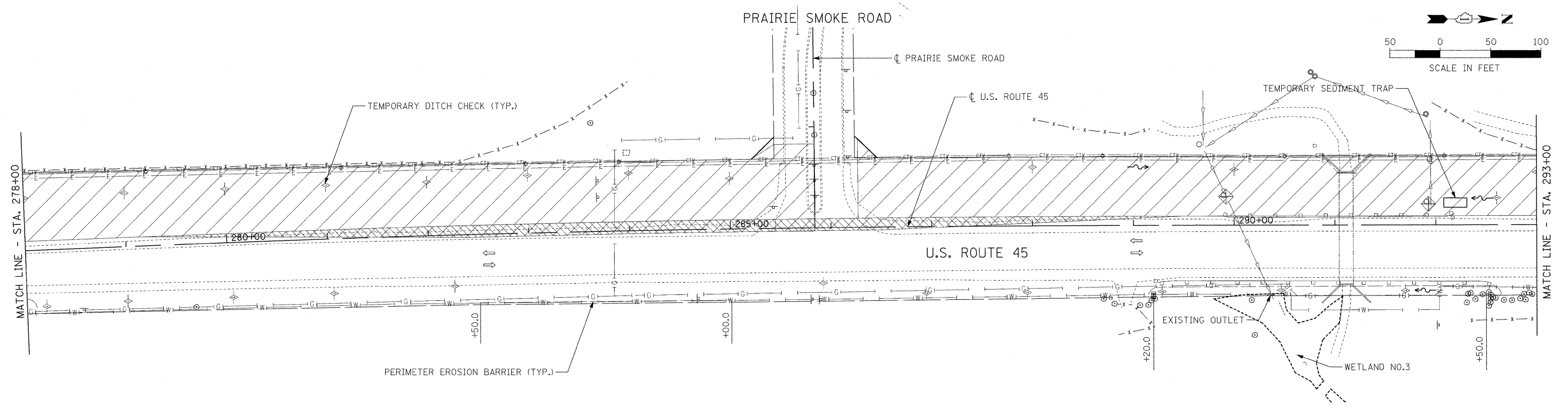
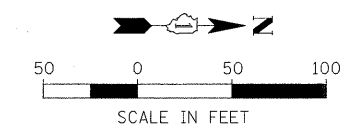


- EROSION CONTROL LEGEND**
- CULVERT INLET FILTER
 - INLET FILTER
 - AGGREGATE DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EXISTING STORM SEWER
 - STORM SEWER OUTLET
 - EXISTING ROADS
 - WETLAND BOUNDARIES
 - MANHOLE
 - TRAFFIC FLOW DIRECTION
 - DIRECTION OF SURFACE WATER FLOW
 - AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION
 - TEMPORARY PAVEMENT/LANES

- NOTES:**
- EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
 - DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN - STAGE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -					344	(46-1S&47)WRS-3	LAKE	176	96
PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -	REVISED -	SCALE: 1" = 50'			SHEET NO. 2 OF 4 SHEETS		STA. 263+00 TO STA. 278+00		U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957	
							FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



EROSION CONTROL LEGEND

- | | | | |
|--|---------------------------|--|------------------------------------------------------|
| | CULVERT INLET FILTER | | MANHOLE |
| | INLET FILTER | | TRAFFIC FLOW DIRECTION |
| | AGGREGATE DITCH CHECK | | DIRECTION OF SURFACE WATER FLOW |
| | PERIMETER EROSION BARRIER | | AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION |
| | EXISTING STORM SEWER | | TEMPORARY PAVEMENT/LANES |
| | STORM SEWER OUTLET | | |

NOTES:

1. EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
2. DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.

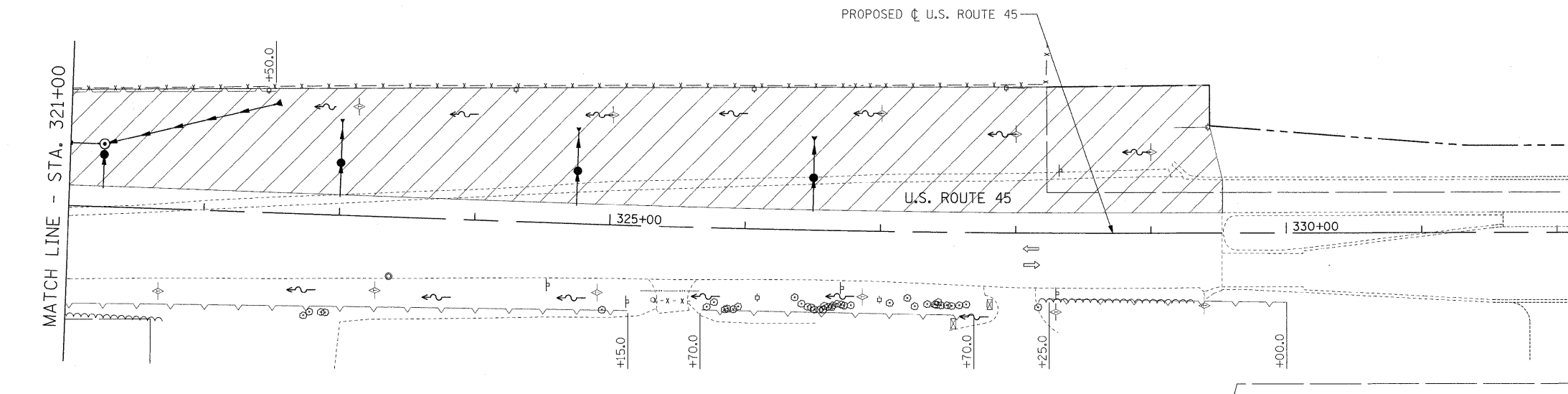
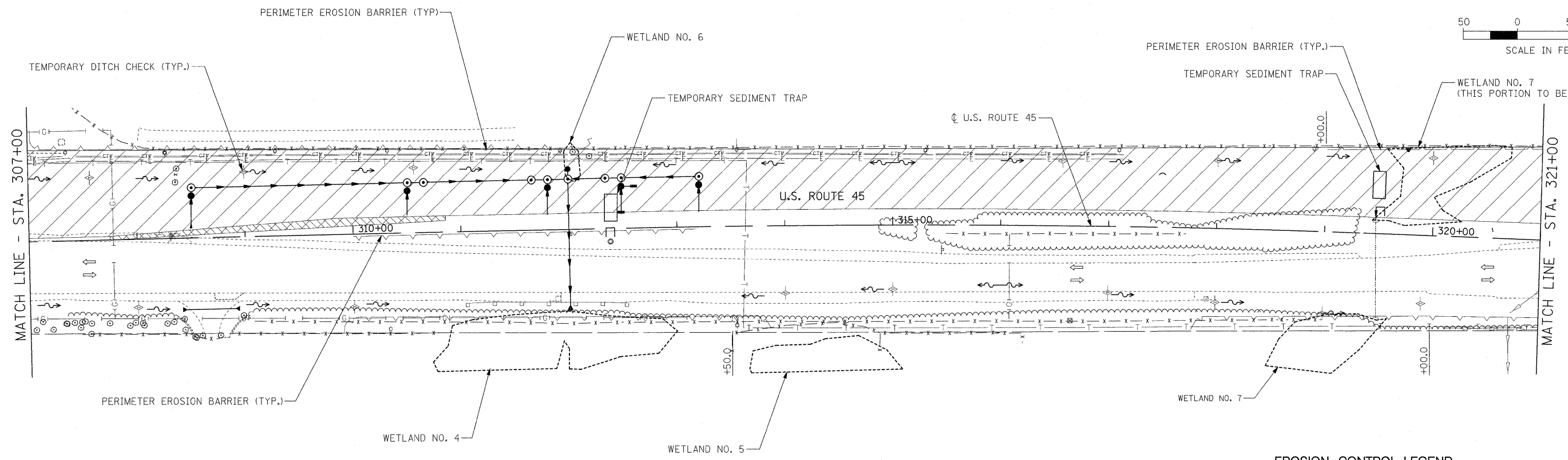
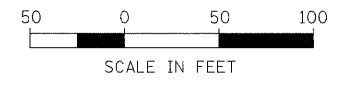
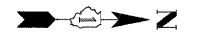
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -
#FILE#		DRAWN - JRH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN - STAGE 1

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 278+00 TO STA. 307+00

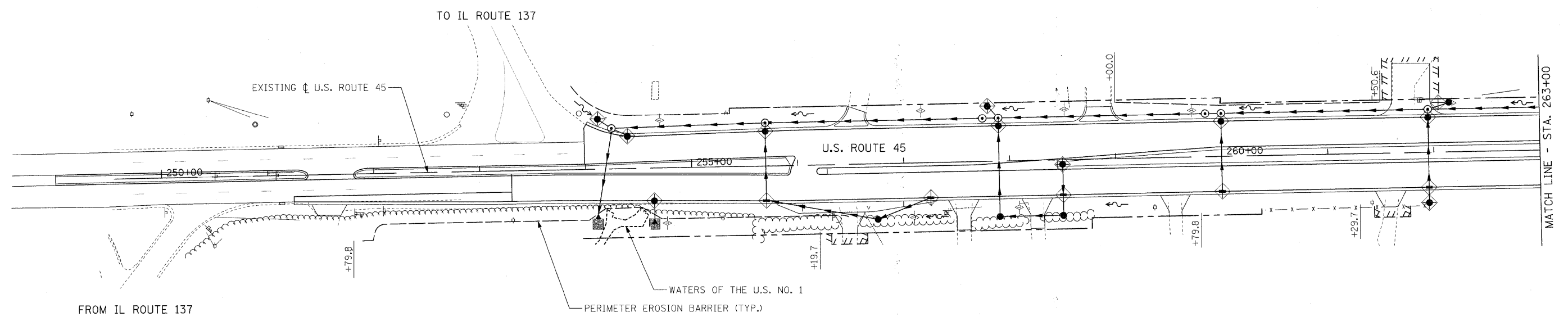
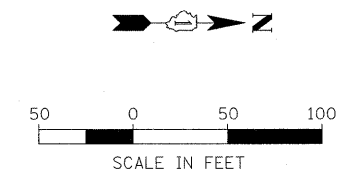
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	97
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				






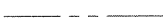
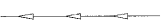


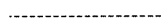





- EROSION CONTROL LEGEND**
- CULVERT INLET FILTER
 - INLET FILTER
 - AGGREGATE DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EXISTING STORM SEWER
 - STORM SEWER OUTLET
 - EXISTING ROADS
 - WETLAND BOUNDARIES
 - MANHOLE
 - TRAFFIC FLOW DIRECTION
 - DIRECTION OF SURFACE WATER FLOW
 - AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION
 - TEMPORARY PAVEMENT/LANES

- NOTES:**
- EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
 - DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN - STAGE 1			F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 98
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 50'	SHEET NO. 4 OF 4 SHEETS	STA. 307+00	TO STA. 329+53	U.S. ROUTE 45 RECONSTRUCTION		CONTRACT NO. 60957	
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
		DATE - 12-12-08	REVISED -									



EROSION CONTROL LEGEND

-  CULVERT INLET FILTER
-  INLET FILTER
-  AGGREGATE DITCH CHECK
-  PERIMETER EROSION BARRIER
-  EXISTING STORM SEWER
-  STORM SEWER OUTLET
-  EXISTING ROADS
-  WETLAND BOUNDARIES
-  MANHOLE
-  TRAFFIC FLOW DIRECTION
-  DIRECTION OF SURFACE WATER FLOW
-  AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION
-  TEMPORARY PAVEMENT/LANES

NOTES:

1. EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
2. DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.
3. INITIALLY TRAFFIC FLOW IN BOTH DIRECTIONS WILL BE LOCATED ON THE SOUTHBOUND LANES DURING CONSTRUCTION OF NORTHBOUND LANES.
4. AFTER CONSTRUCTION OF NORTHBOUND LANES ARE COMPLETED TRAFFIC FLOW WILL BE DIVERTED TO NORTHBOUND AND SOUTHBOUND LANES DURING FINAL STAGES OF CONSTRUCTION.

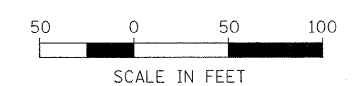
FILE NAME =	USER NAME = #USER#	DESIGNED - MAP	REVISED -
#FILEL#		DRAWN - JRH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JW	REVISED -
	PLOT DATE = #DATE#	DATE - 12-12-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN - STAGE 2

SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. 249+00 TO STA. 263+00

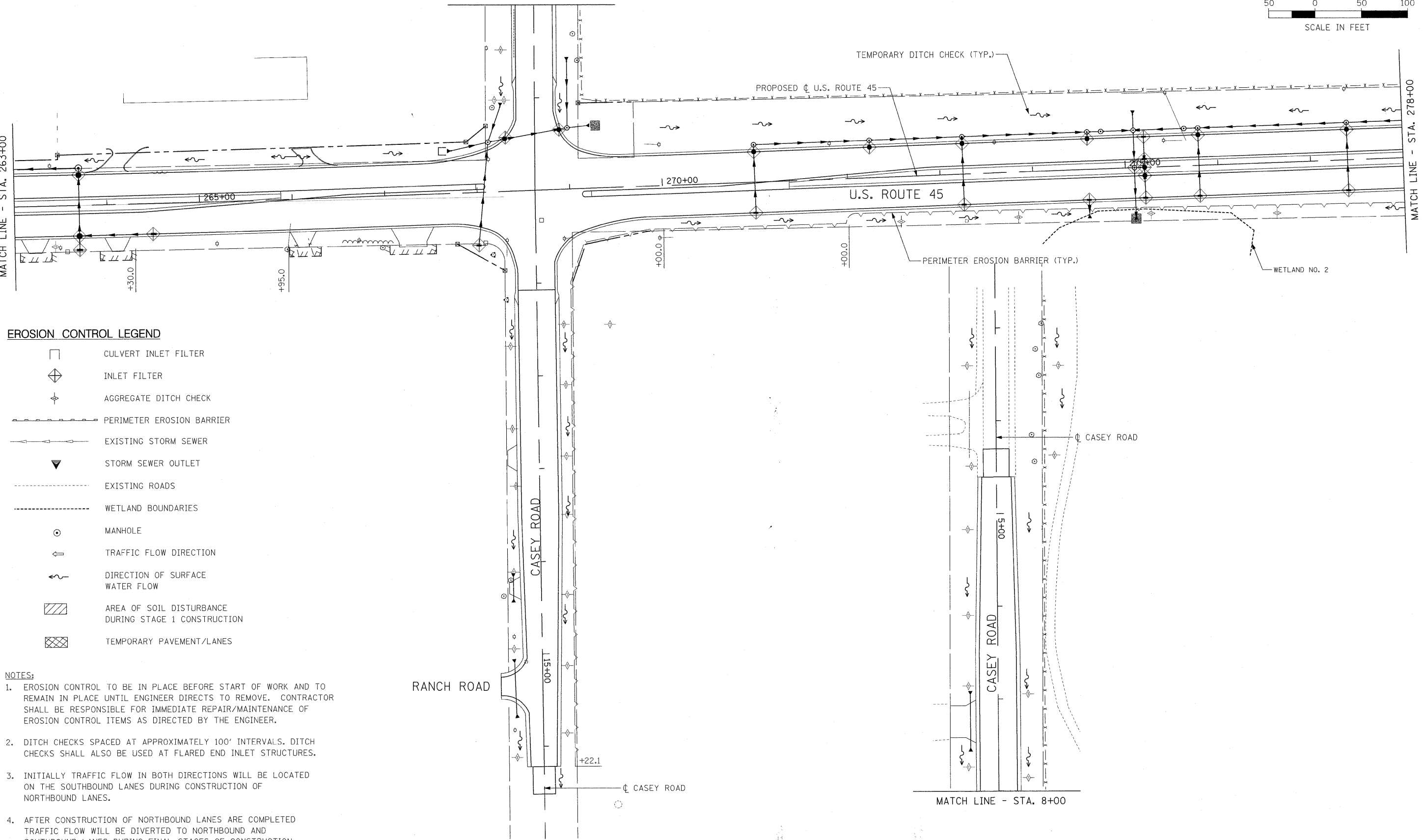
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-3	LAKE	176	99
U.S. ROUTE 45 RECONSTRUCTION			CONTRACT NO. 60957	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE - STA. 8+00

MATCH LINE - STA. 278+00

MATCH LINE - STA. 263+00



EROSION CONTROL LEGEND

- CULVERT INLET FILTER
- INLET FILTER
- AGGREGATE DITCH CHECK
- PERIMETER EROSION BARRIER
- EXISTING STORM SEWER
- STORM SEWER OUTLET
- EXISTING ROADS
- WETLAND BOUNDARIES
- MANHOLE
- TRAFFIC FLOW DIRECTION
- DIRECTION OF SURFACE WATER FLOW
- AREA OF SOIL DISTURBANCE DURING STAGE 1 CONSTRUCTION
- TEMPORARY PAVEMENT/LANES

NOTES:

1. EROSION CONTROL TO BE IN PLACE BEFORE START OF WORK AND TO REMAIN IN PLACE UNTIL ENGINEER DIRECTS TO REMOVE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIR/MAINTENANCE OF EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
2. DITCH CHECKS SPACED AT APPROXIMATELY 100' INTERVALS. DITCH CHECKS SHALL ALSO BE USED AT FLARED END INLET STRUCTURES.
3. INITIALLY TRAFFIC FLOW IN BOTH DIRECTIONS WILL BE LOCATED ON THE SOUTHBOUND LANES DURING CONSTRUCTION OF NORTHBOUND LANES.
4. AFTER CONSTRUCTION OF NORTHBOUND LANES ARE COMPLETED TRAFFIC FLOW WILL BE DIVERTED TO NORTHBOUND AND SOUTHBOUND LANES DURING FINAL STAGES OF CONSTRUCTION.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN - STAGE 2				F.A.P. RTE. 344	SECTION (46-1S&47)WRS-3	COUNTY LAKE	TOTAL SHEETS 176	SHEET NO. 100
	PLOT SCALE = #SCALE#	DRAWN - JRH	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 4 SHEETS	STA. 263+00	TO STA. 278+00	U.S. ROUTE 45 RECONSTRUCTION CONTRACT NO. 60957				
	PLOT DATE = #DATE#	CHECKED - JW	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE - 12-12-08	REVISED -										