

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

FAI ROUTE 94: INT 94/US 41 WISCONSIN STATE LINE TO IL 173
 SECTION 49-1-R-1
 PROJECT: ACIM-094-1(027)003
 ADDITIONAL LANES, INTERCHANGE RECONSTRUCTION,
 BRIDGE REPLACEMENT
 LAKE COUNTY
 C-91-020-11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	67	1
ILLINOIS			CONTRACT NO. 60L77	

D-91-019-11 *677 +35 = 712

*712 +12 = 724



FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

I-94
 16,590(30) INTERSTATE 71.64(PCC-20)

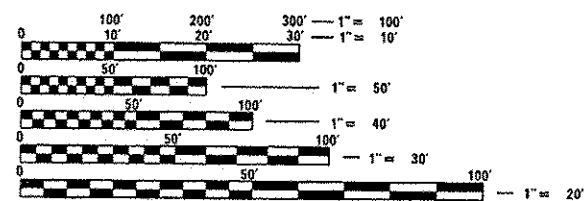
IL 173
 3,820(30) ARTERIAL 7.54(PCC-20)

TRAFFIC DATA

I-94
 EXISTING ADT: 89,200 (2007)
 DESIGN ADT: 126,650 (2030)
 DESIGN SPEED LIMIT: 70 MPH TOLLWAY AND
 65 MPH IDOT

IL 173
 EXISTING ADT: 12,800 (2007)
 DESIGN ADT: 16,400 (2030)
 DESIGN SPEED: 50 MPH
 POSTED SPEED LIMIT: 45 MPH

PROJECT LOCATED IN THE VILLAGES OF
 WADSWORTH AND OLD MILL CREEK



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.

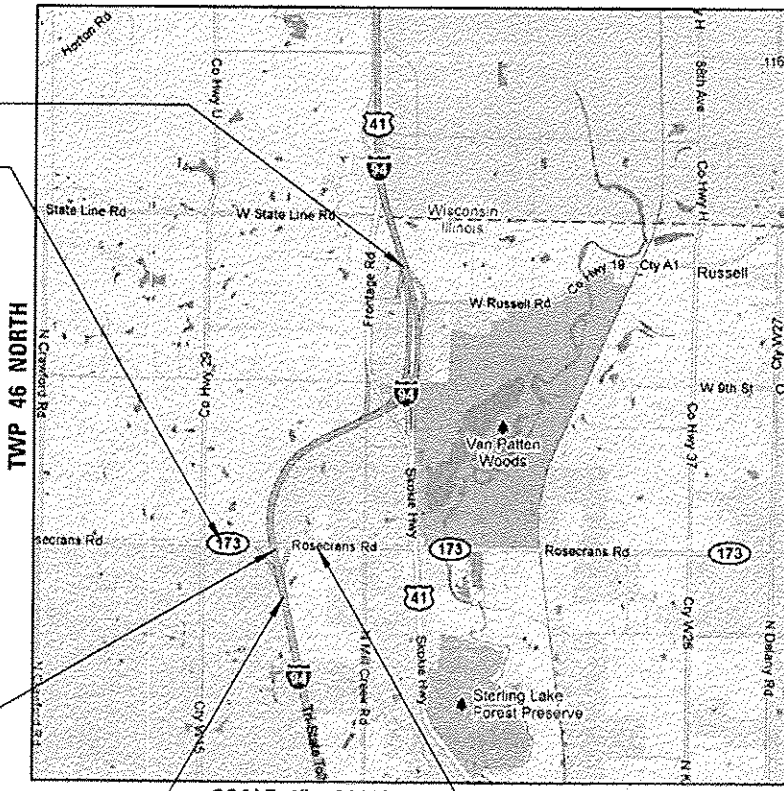
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT MANAGER: RAJENDRA SHAH (847)705-4555

CONTRACT NO. 60L77

RANGE 11E, 3RD PRINCIPAL MERIDIAN

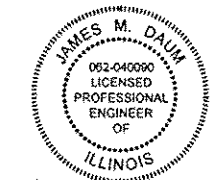
PROJECT ENDS
 STA. 4105 + 52.38
 PROJECT BEGINS
 STA. 2016 + 08.15



IL 173 OVER F.A.I. I-94
 BRIDGE RECONSTRUCTION
 S.N. 049-0535

PROJECT BEGINS
 STA. 3978 + 89.91
 PROJECT ENDS
 STA. 2051 + 71.59

SCALE 1" = 3000'
 GROSS LENGTH = 13,783.52 FT. = 2.61 MILES
 NET LENGTH = 12,820.52 FT. = 2.43 MILES



SIGNED: *James M. Daum*
 DATE: May 9, 2012
 EXPIRES: 11/30/2013
 SHEETS: _____



SIGNED: *David L. Taggart*
 DATE: MAY 9, 2012
 EXPIRES: 11/30/2013
 SHEETS: _____



SIGNED: *Brian L. Umbright*
 DATE: MAY 9, 2012
 EXPIRES: 11/30/2012
 SHEETS: _____

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED MAY 9, 2012
Diane M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 29, 2012
John D. Baranzelli PE
 acting ENGINEER OF DESIGN AND ENVIRONMENT
June 29, 2012
William R. Frey
 acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

Rev. 7-24-12

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PROJECT COMMITMENTS

- ACCESS TO ALL BUSINESSES AND RESIDENCES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- PROVIDE A CURB AND GUTTER AT THE BACK OF SHOULDER ADJACENT TO THE PROPERTY 16980 W. ILLINOIS ROUTE 173.
- PROVIDE MOUNTABLE MEDIAN ON EAST APPROACH OF IL 173.

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IDOT STANDARD DRAWINGS

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420001-07	PAVEMENT JOINTS
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420201-07	ENTRANCE RAMP TERMINAL JOINTED PCC RAMP PVMT ADJ TO JOINTED PCC MAINLINE PVMT
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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FILE NAME = #FILES#	USER NAME = deFauj	DESIGNED - RGR	REVISED - 7/17/12 RGR	SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 2
PLAT SCALE = 1/4"=10' 1/8"=5'	CHECKED - RGR	REVISED -			CONTRACT NO. 60L77				
PLAT DATE = 7/17/2012	DATE - 6/19/2012	REVISED -			ILLINOIS FED. AID PROJECT				

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GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES.
- THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR TOLLWAY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL USE CARE IN WORKING NEAR ANY AND ALL EXISTING ITEMS THAT ARE TO REMAIN. ANY ITEMS DAMAGED SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- SAW CUTTING IS INCLUDED TO THE PROPOSED ITEM OF WORK SPECIFIED, UNLESS OTHERWISE SHOWN IN PLAN.
- WHERE ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER. THE REMOVAL IN THE IDOT SECTION WILL BE MEASURED IN SQUARE FEET AND PAID FOR AS "PAVEMENT MARKING REMOVAL". THE REMOVAL OF THE EXISTING PAVEMENT MARKINGS IN THE TOLLWAY SECTION WILL BE PAID AS "WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY".
- TEMPORARY EDGE LINES IN THE SUGGESTED MAINTENANCE OF TRAFFIC MUST BE INSTALLED BEFORE LANES REOPEN TO TRAFFIC.
- VERTICAL PANELS OR BARRELS WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
- SURFACE TESTING OF CONTRACT PAVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS AND THE COST SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEM BEING TESTED.
- ALL EXISTING SIGNS REMOVED FROM THE SITE TO BE REINSTALLED AT A LATER TIME SHALL REMAIN IN THE CONTRACTORS PROTECTION AND SHALL BE REINSTALLED IN THE SAME QUALITY AS AT THE TIME OF REMOVAL. THE CONTRACTOR WILL REPAIR OR REPLACE ANY DAMAGED SIGNS AT HIS OWN EXPENSE.
- PIPE UNDERDRAINS 6" (SPECIAL) WILL OUTLET THE PIPE UNDERDRAIN EVERY 500' LONGITUDINALLY, AND A CONCRETE HEADWALL FOR PIPE DRAINS WILL BE PLACED WHERE THE PIPE DAYLIGHTS.
- BACKFILL MATERIAL UTILIZED FOR THE INSTALLATION OF THE PIPE UNDERDRAIN AND PIPE UNDERDRAIN (SPECIAL) PAY ITEMS WILL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN, 6".
- ADDITIONAL CAPPING AGGREGATE NECESSARY TO OBTAIN THE PROPOSED SHOULDER BOTTOM WILL BE INCLUDED IN THE SQUARE YARD PRICE FOR AGGREGATE SUBGRADE, 12".
- ACCESS TO ALL BUSINESSES AND RESIDENCES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION UNLESS NOTED IN PLANES.
- THIS PROJECT WILL REQUIRE A PERMIT IN ACCORDANCE WITH GENERAL NPDES PERMIT NO. ILR10 BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND AN ACOE 404 PERMIT. SEE CONTRACT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
- AT THE TIME OF THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE PROPOSED CONCRETE TRUCK WASHOUT LOCATIONS. RUNOFF FROM WASH AREAS SHALL BE CONTAINED IN DESIGNATED AREAS SO THAT RUNOFF DOES NOT REACH THE STORM SEWER OR DITCH SYSTEMS.

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TOLLWAY AT LEAST 10 DAYS IN ADVANCE OF ANY CONSTRUCTION NEAR TOLLWAY OWNED ELECTRICAL COMMUNICATIONS OR TRAFFIC CONTROL CABLES. TOLLWAY ELECTRICIANS WILL LOCATE ANY POSSIBLE INTERFERING CABLES. ANY BURIED CABLE AT OR NEAR A PROPOSED CONSTRUCTION LOCATION SHALL FIRST BE EXPOSED BY THE CONTRACTOR BY HAND DIGGING. ONCE EXPOSED, AND IF THE ENGINEER DETERMINES THERE IS A CONFLICT, THE CONTRACTOR SHALL RELOCATE THE CABLES. IF THE CONTRACTOR CUTS OR DAMAGES ANY CABLES, EITHER THROUGH CARELESSNESS OR FAILURE TO FOLLOW THE ABOVE PROCEDURE, HE SHALL THEM BE HELD RESPONSIBLE FOR THE REPAIRING OF ALL DAMAGES AT HIS EXPENSE, TO THE SATISFACTION OF THE TOLLWAY. THE COST OF THE HAND DIGGING IS INCLUDED IN THE PROPOSED ITEM OF WORK THAT MAY BE IN CONFLICT WITH THE BURIED CABLE.
- THE CONTRACTOR SHALL BE MADE AWARE THAT ALL CONSTRUCTION VEHICLES SHALL BE LIMITED TO 15 FEET ABOVE EXISTING GRADE WHILE CROSSING UNDER COMMONWEALTH EDISON'S TRANSMISSION LINES.
- 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 OF THE PAVEMENT ITEMS BEING CONSTRUCTED
- ALL VEHICLES INCLUDING PASSENGER CARS, WHETHER OWNED BY THE CONTRACTOR OR ANYONE REPRESENTING HIM, SHALL BE EQUIPPED WITH A YELLOW FLASHING LIGHT MOUNTED EITHER ON TOP OR IN THE REAR WINDOW OF THE VEHICLE AND VISIBLE FOR AT LEAST 500 FEET TO THE REAR OF THE VEHICLE. IN ADDITION, A SIGN MUST BE DISPLAYED ON EACH SIDE OF THE VEHICLE AND WITH LETTERS AT LEAST 3 INCHES IN HEIGHT AND WITH A SUITABLE FONT, SHOWING THE COMPANY NAME AND ADDRESS. MAGNETIC OR TEMPORARY SIGNS ARE ACCEPTABLE.
- DISTRIBUTORS: ALL DISTRIBUTORS FOR ASPHALT PAVING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORISTS' VEHICLES AND TO ADJACENT HIGHWAY APPURTENANCES.
- MAINTAINING DRAINAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- ALL ELEVATIONS ARE BASED ON UNITED STATES COAST AND GEODETIC SURVEY DATUM. BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS.
- FLUORESCENT VESTS AND HARD HATS: ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN VESTS AND HARD HATS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.
- TRAFFIC SENSORS: A MINIMUM OF SEVEN DAYS PRIOR TO ANY SHIFTS IN TRAFFIC LANES, THE CONTRACTOR SHALL CONTRACT TRAFFIC.COM AT (610) 407-7400. THE CONTRACTOR SHALL SUPPLY TRAFFIC.COM WITH THE REVISED TRAFFIC PATTERN AND THE DATE FOR THE SHIFT IN TRAFFIC LANES. TRAFFIC.COM IS RESPONSIBLE TO CALIBRATING THE TRAFFIC SENSORS ALONG THE CORRIDOR TO ACCURATELY MONITOR TRAFFIC FLOW.
- THE CONTRACTOR SHALL CONTACT MS. DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER AT (847) 438-2300 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS
- FOR WORK OUTSIDE THE LIMITS OF THE BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
- THE CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- THE CONTRACTOR SHALL MODIFY, OR SUPPLEMENT, EXISTING SIGN PANEL SUPPORTS AS REQUIRED FOR PROPER INSTALLTION OF THE PROPOSED SIGN PANELS, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS, AND HARDWARE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF SIGN PANEL - TYPE III.
- ALL REFERENCE TO THE PAY ITEM "END SECTIONS TO BE REMOVED" IN THE PLANS AND/OR SPECIAL PROVISIONS SHALL BE UNDERSTOOD TO DIRECTLY INDICATE PAY ITEM X0322936 - "REMOVE EXISTING FLARED END SECTION"

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/SQ YD/INCH THICKNESS.
- FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS. HMA PLACEMENT WITHIN TOLLWAY JURISDICTION SHALL FOLLOW THE TOLLWAY PROVISIONS. PLACEMENT WITHIN IDOT JURISDICTIONS SHALL BE ACCORDING TO THE DISTRICT ONE SPECIAL PROVISIONS.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY THE SPECIAL PROVISIONS."
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 10" THICK

IDOT DISTRICT 1 STANDARD DRAWINGS

BD 01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15'
BD 02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15'
BD 03	OUTLET FOR CONCRETE CURB AND GUTTER
BD 07	SHOULDER WIDENING FOR TYPE T1 (SPECIAL) GUARDRAIL TERMINALS
BD 30	DRAINAGE STRUCTURE TYPE 4
BD 34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TB TY 1 SPL
BD 48	PCC PAVEMENT ROUNDABOUTS AT CURB & GUTTER
BD 51	BENCHING CONSTRUCTION DETAIL
BD 52	DETAIL OF PAVEMENT SEPERATION JOINT FOR JOINTED PCC PAVEMENT AT INTERSECTIONS
BE 205	LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX TYPE WITH SCADA
BE 215	LIGHTING CONTROLLER SINGLE DOOT
BE 301	LIGHT POLE FOUNDATION, CONCRETE <= 35FT M.H. (15" B.C.)
BE 330	LIGHT POLE FOUNDATIONON CONCRETE PARAPET WALL 15" BOLT CIRCLE
BE 410	LIGHT POLE, ALUMINUM, DAVIT ARM, 47.5 FT M.H.
BE 701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE 702	MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAILS
BE 800	TEMPORARY LIGHTING
TC 08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC 09	FREEWAY SNIGLE AND MULTILANE WEAVE
TC 10	TRAFFIC CONTROLS AND PROTECTION FOR SIDE ROADS, INTERSECTION AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC 12	MULTI-LANE FREEWAY PAVEMENT MARKING
TC 13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC 16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC 17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC 18	SIGNING FOR FLAGGING OPERATIONS AND PARTIAL RAMP CLOSURES
TC 22	ARTERIAL ROAD INFORMATION SIGNING
TC 25	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE DRIVEWAY ENTRANCE SIGNING
TC 26	DRIVEWAY ENTRANCE SIGNING
TC 27	MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS
TS 02	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS 03	HANDHOLE TO INTERCEPT EXISTING CONDUIT
TS 04	POST MOUNTED FLASHING BEACON; POST MOUNTED FLASHING BEACON WITH PRECIPITATION DETECTOR
TS 05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS 06	RAILROAD CANTILEVER SIGNAL HEAD MOUNTING DETAIL

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	LIFT THICKNESS
TEMPORARY PAVEMENT		
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm)	4% @ 70 GYR	2 1/4" MIN
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR	2"
DRIVEWAYS / HMA STABILIZATION 6" AT GUARDRAIL		
HMA BASE COURSE (HMA BINDER COURSE, IL 19.0)	4% @ 50 GYR	2 1/4" MIN
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR	2"
STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2"		
STABILIZED SUBBASE HMA, BAM	3% @ 50 GYR	4 1/2"
STABILIZED SUBBASE - HOT-MIX ASPHALT, 3" (ISTHA)		
STABILIZED SUBBASE HMA, BAM	3% @ 50 GYR	3"
MULTI-USE PATH		
HMA SURFACE COURSE, MIX "D" N50 (IL 9.5mm)	4% @ 50 GYR	3"
HOT-MIX ASPHALT SHOULDER, 6" (ISTHA)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70	4% @ 70 GYR	1 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR	4 1/4"

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - RGR	REVISED - 7/17/12 RGR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = Hst=10' Vst=5'	DRAWN - RGR	REVISED -					94	49-1-R-1	LAKE	677	3
	PLOT DATE = 7/17/2012	CHECKED - RGR	REVISED -					CONTRACT NO. 60L77				
		DATE - 6/19/2012	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	169										
20100500	TREE REMOVAL, ACRES	ACRE	3	2				1					
20101000	TEMPORARY FENCE	FOOT	3,841	1,684				2,157					
20101100	TREE TRUNK PROTECTION	EACH	5	1				4					
20200100	EARTH EXCAVATION	CU YD	64,637	37,582				27,055					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20,623	11,418			1,200	8,005					
20400800	FURNISHED EXCAVATION	CU YD	121,128	112,982				8,146					
20800150	TRENCH BACKFILL	CU YD	174	80				94					
20900110	POROUS GRANULAR BACKFILL	CU YD	638							638			
*21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	66,091	37,895				28,196					
*21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	2,747	2,747									
*25000210	SEEDING, CLASS 2A	ACRE	5	5									
*25000310	SEEDING, CLASS 4	ACRE	14	14									
*25000312	SEEDING, CLASS 4A	ACRE	3	3									
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	796	541				255					

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 1 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	4
CONTRACT NO. 60L77				
[ILLINOIS] FED. AID PROJECT				

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	626	541					85			
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1300	541					765			
*25100105	MULCH, METHOD 1	ACRE	52	22					30			
*25100135	MULCH, METHOD 4	ACRE	0.26	0.26								
*25100630	EROSION CONTROL BLANKET	SO YD	248,994	105,180					143,814			
*25100900	TURF REINFORCEMENT MAT	SO YD	514	514								
*25200110	SODDING, SALT TOLERANT	SO YD	4,493	4,493								
*25200200	SUPPLEMENTAL WATERING	UNIT	54	54								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3,755	3,755								
28000305	TEMPORARY DITCH CHECKS	FOOT	809	307					502			
28000400	PERIMETER EROSION BARRIER	FOOT	30,219	12,001					18,218			
28100101	STONE RIPRAP, CLASS A1	SO YD	312	312								
28200200	FILTER FABRIC	SO YD	2125	350					1767			
28500400	ARTICULATED BLOCK REVETMENT MAT	SO YD	1813	46					1767			

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FILE NAME - #FJLE54	USER NAME - default	DESIGNED - JMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 5			
		DRAWN - JMC	REVISED -			SCALE: NA	SHEET NO. 2 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77			
		CHECKED - RGR	REVISED -			ILLINOIS FED. AID PROJECT							
		DATE - 6/19/2012	REVISED -										

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	108,702	108,702									
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	73,153	73,153									
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	608	200									408 +
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	390	390									
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	22						22				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,225	1,923					2,302				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	437	39									398 +
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SO YD	18,966	18,966									
42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SO YD	6,058	6,058									
42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SO YD	68,449	43,984					24,465				
42001300	PROTECTIVE COAT	SO YD	20,017	20,017									
44000100	PAVEMENT REMOVAL	SO YD	69,793	65,508					4,285				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	519	519									
44000300	CURB REMOVAL	FOOT	954	292					662				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1367						1367				

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		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 3 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	6
CONTRACT NO. 60L77				

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY
44001980	CONCRETE BARRIER REMOVAL	FOOT	508	319				189			
44003100	MEDIAN REMOVAL	SQ FT	8,088	8,088							
44004000	PAVED DITCH REMOVAL	FOOT	1612	528				1,084			
44004250	PAVED SHOULDER REMOVAL	SQ YD	61,022	12,665				48,357			
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	5,777	5,777							
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	25,393					25,393			
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SQ YD	7,038	7,038							
48300505	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"	SQ YD	3,779	3,779							
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	18,051	17,703				348			
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		0.55				0.45		
50102400	CONCRETE REMOVAL	CU YD	149	149							
50104650	SLOPE WALL REMOVAL	SQ YD	350	350							
50105220	PIPE CULVERT REMOVAL	FOOT	730	211				519			
50157300	PROTECTIVE SHIELD	SQ YD	1,033		1,033						

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		DRAWN - JMG	REVISED -			94	49-1-R-1	LAKE	677	7	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			SCALE: NA	SHEET NO. 4 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY
50200100	STRUCTURE EXCAVATION	CU YD	1,348				700		648				
50300225	CONCRETE STRUCTURES	CU YD	645.3		80.8				564.5				
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,776		1,736		40						
50300260	BRIDGE DECK GROOVING	SO YD	2,960		2,960								
50300280	CONCRETE ENCASEMENT	CU YD	30						30				
50300300	PROTECTIVE COAT	SO YD	4,825		4,825								
50400745	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 72"	FOOT	4,757						4,757				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	487,160	1500	416,220		5,320		64,120				
50800515	BAR SPLICERS	EACH	1,322		1,220				102				
50901720	BICYCLE RAILING	FOOT	132				132						
50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	626		522						104**		
50901750	PARAPET RAILING	FOOT	618		475						143**		
54010704	PRECAST CONCRETE BOX CULVERTS, 7' X 4"	FOOT	213						213				
51100100	SLOPEWALL 4 INCH	SO YD	1,566		87				1,479				
51201800	FURNISHING STEEL PILES HP14X73	FOOT	7,302						7,302				

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 5 OF 29 SHEETS STA. NA TO STA. NA

P.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 8
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	0021 SAFETY	
51202305	DRIVING PILES	FOOT	7,302							7,302			
51203800	TEST PILE STEEL HP14X73	EACH	3							3			
51500100	NAME PLATES	EACH	2		1		1						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	11	11									
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3	1								
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2									
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS ELLIPTICAL, EQUIVALENT ROUND SIZE 36"	EACH	4	4									1
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	2	2									
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	6	4					2				1
54215448	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	1	1									
54215454	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 54"	EACH	3	3									
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	15	15									1
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	15	15									1
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	41	41									

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 6 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	9
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	114	114								
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	406	68				338				
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	32	32								
542A1099	PIPE CULVERTS, CLASS A, TYPE 2 54"	FOOT	351	351								
542A1915	PIPE CULVERTS, CLASS A, TYPE 3 30"	FOOT	19					19				
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 36"	FOOT	349					349				
542JA036	PIPE CULVERTS, CLASS A, 36" (JACKED)	FOOT	359	359								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	12					12				
<u>550A0090</u>	<u>STORM SEWERS, CLASS A, TYPE 1 18"</u>	<u>FOOT</u>	<u>33</u>	<u>33</u>								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	692	692								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	260					260				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	16					16				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	126	126								
55100700	STORM SEWER REMOVAL 15"	FOOT	19					19				
55100900	STORM SEWER REMOVAL 18"	FOOT	87					87				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 7 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 10
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
55101200	STORM SEWER REMOVAL 24"	FOOT	120	8					112			
58700300	CONCRETE SEALER	SO FT	5,084							5,084		
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	280							280		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	38	38								
60107700	PIPE UNDERDRAINS 6"	FOOT	17,404	17,404								
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	2,836	1,093					1,743			
60109520	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	15,213						15,213			
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4								
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	6	6								
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	3	3								
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	5					1			
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1	1								
60221700	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	1	1								
60255500	MANHOLES TO BE ADJUSTED	EACH	3						3			
60500050	REMOVING CATCH BASINS	EACH	6	3					3			

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FILE NAME - #FILES#	USER NAME - default	DESIGNED - JMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JMC	REVISED -			94	49-1-R-1	LAKE	677	11	
		CHECKED - RCR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			ILLINOIS FED. AID PROJECT					

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3									
60600605	CONCRETE CURB, TYPE B	FOOT	66	66									
60602800	CONCRETE GUTTER, TYPE B	FOOT	320	320									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	130	130									
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,507	2,507									
60617310	PAVED DITCH, TYPE B-22	FOOT	125	125									
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SO FT	5,412	5,412									
60624600	CORRUGATED MEDIAN	SO FT	2,348	2,348									
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3300				3300						
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5				5						
*63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1				1						
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3				3						
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6				6						
63200310	GUARDRAIL REMOVAL	FOOT	11,747				7,905					3,842	

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		DRAWN - JMC	REVISED -
		CHECKED - RCR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 9 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	12
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD	
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
63500105	DELINEATORS	EACH	176			102					74	
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	289	289								
63700900	CONCRETE BARRIER BASE	FOOT	289	289								
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	25,692			10,110					15,582	
66400105	CHAIN LINK FENCE, 4'	FOOT	1664	274							1390 +	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25,500	17,340				8,160				
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	14	14								
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	0.7				0.3				
67100100	MOBILIZATION	L SUM	1	0.7				0.3				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	4				1				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	26,763			18,726					8,037	
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	160			160						
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	239,643			113,364					126,279	
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	11,192			11,192						
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	23,807			14,087					9,720	
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	1,237			1,237						
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	375			375						

+ 80% STATE / 20% LOCAL FPD
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 10 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	13
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD				
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY			
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SQ FT	91,781										49,563	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	43,513										22,138	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	37,588										7,675	
*72000100	SIGN PANEL - TYPE 1	SQ FT	302										39	
*72000200	SIGN PANEL - TYPE 2	SQ FT	760										434	
*72000300	SIGN PANEL - TYPE 3	SQ FT	5,364										1,162	
*72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2											
*72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	17										3	
*72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	250										66	
*72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	459										258	
*72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	3,467										1,115	
*72400750	RELOCATE SIGN PANEL	SQ FT	144										144	
*72600100	MILE POST MARKER ASSEMBLY	EACH	21										13	
*72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	14,926										4,858	
*73000100	WOOD SIGN SUPPORT	FOOT	1310										482	

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 11 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 14
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
*73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	369			369							
*73400100	CONCRETE FOUNDATIONS	CU YD	80			68				12			
*73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	48			48							
*73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3			3							
*73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	106			68					38		
*73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	14			6					8		
*73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	6			6							
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,404									1,404	
*78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	928			674					254		
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	87,687			42,951					44,736		
*78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	6,830			6,830							
*78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	34,606			1,355					33,251		
*78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	10,507			10,232					275		
*78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	944			623					321		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 12 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	15
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
*78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	264			177					87	
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,130			1,105					25	
*78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	18			18						
*78100300	REPLACEMENT REFLECTOR	EACH	10			10						
*78200300	PRISMATIC CURB REFLECTOR	EACH	144			144						
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	72			35					37	
*78200530	BARRIER WALL MARKERS, TYPE C	EACH	12,898			8,205					4,693	
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	13			5					8	
78300100	PAVEMENT MARKING REMOVAL	SO FT	19,473			19,473						
•80400100	ELECTRIC SERVICE INSTALLATION	EACH	3			3						
•80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1						
•80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2			2						
•81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,329			4,329						
•81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	248			248						

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PLOT DATE - 6/19/2012		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 13 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 16
CONTRACT NO. 60L77				
[ILLINOIS] FED. AID PROJECT				

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
			<i>URBAN</i>										
• 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	2400			2400							
• 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,147			947						200	
• 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	80									80	
• 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,103			1,103							
• 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	325			325							
• 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	463			463							
• 81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	401			207						194	
• 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	14			14							
• 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	20			20							
• 81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	2			2							
• 81400100	HANDHOLE	EACH	10			4						6	
• 81400200	HEAVY-DUTY HANDHOLE	EACH	13			13							
• 81400300	DOUBLE HANDHOLE	EACH	4			4							
• 81603081	UNIT DUCT, 600V (XLP-TYPE USE), 1 1/2" DIA. PIA POLYETHYLENE	FOOT	3,616			3,616							

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 14 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
81603090	UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	33,129			33,129						
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4,557			4,557						
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	105			105						
81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350 MCM	FOOT	150			150						
81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	7,273			7,273						
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	172			172						
82107100	UNDERPRESS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	6			6						
82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8			8						
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1			1						
83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	2			2						
83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	92			92						
83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	31			31						
83050915	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-6 FT. DAVIT ARMS	EACH	5			5						
83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	30			30						

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	PLOT SCALE - 1/4"=10' 1/8"=5'	DRAWN - JMG	REVISED -			SCALE: NA	SHEET NO. 15 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77			
	PLOT DATE - 6/19/2012	CHECKED - RGR	REVISED -			ILLINOIS FED. AID PROJECT							
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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD	
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
•83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	1,200			1,200						
•83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	126			126						
•84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	51			51						
•84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	25			25						
•84200804	REMOVAL OF POLE FOUNDATION	EACH	19			19						
•84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	19							19		
•84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1						
•84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1						
•85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1						
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3			3						
•86400100	TRANSCEIVER - FIBER OPTIC	EACH	3			3						
•87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3,844			3,844						
•87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,617			76						1,541
•87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,275			5,275						

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 16 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
• 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	574			574							
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,656			4,656							
• 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	490			490							
• 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,056			2,056							
• 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	7			7							
• 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1			1							
• 87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1			1							
• 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1			1							
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1			1							
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1			1							
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1			1							
• 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32			32							
• 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12			12							
• 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10							

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FILE NAME - #FILES#	USER NAME - default	DESIGNED - JMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 20		
PLOT SCALE - H11*10' V11*5'	DRAWN - JMC	CHECKED - RGR	REVISED -			SCALE: NA	SHEET NO. 17 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77		
PLOT DATE - 6/19/2012	DATE - 6/19/2012	REVISED -				[ILLINOIS] FED. AID PROJECT						
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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
• 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	50			50							
• 87900200	DRILL EXISTING HANDHOLE	EACH	6			6							
• 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1			1							
• 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10			10							
• 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9			9							
• 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1			1							
• 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1			1							
• 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	11			11							
• 88500100	INDUCTIVE LOOP DETECTOR	EACH	14			14							
• 88600700	PREFORMED DETECTOR LOOP	FOOT	1,050			1,050							
• 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2			2							
• 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,225			250					3975	▲	
• 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3			3							
• 89502380	REMOVE EXISTING HANDHOLE	EACH	7								7	▲	

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		DRAWN - JMG	REVISED -
PLT SCALE - 1/8"=1'-0" 1/4"=3'-0"		CHECKED - RGR	REVISED -
PLT DATE - 6/19/2012		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 18 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LARE	677	21
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

▲ Rev. 7-23-12

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
*89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1			1							
*A2002009	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12									
*A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12									
*A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	19						19				
*A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10									
*A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10									
*A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22	22									
*A2006570	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	17						17				
*A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6									
*A2016818	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10	10									
*C2C06124	SHRUB, RHUS TYPHINA LACINIATA (CUTLEAF STAGHORN SUMAC), 2' HEIGHT, CONTAINER	EACH	970	720					250				
*C3006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT	EACH	1500	1500									
*E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	100	100									
*X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1541									1541	

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FILE NAME - #FILES#	USER NAME - default	DESIGNED - JMG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 22
		DRAWN - JMG	REVISED -		SCALE: NA	SHEET NO. 19 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77				
		CHECKED - RGR	REVISED -		[ILLINOIS] FED. AID PROJECT								
		DATE - 6/19/2012	REVISED -										

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SO YD	8,875	2,274					6,601			
X0325734	SLOTTED DRAIN REMOVAL	FOOT	204					204				
X0326337	DRAINAGE CONTROL STRUCTURE	EACH	1	1								
X0327211	RELOCATE SWITCH	EACH	1			1						
X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	1			1						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	7								
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	80	25					55			
X4811410	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	166						166			
△ X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	126	126								
△ X5420630	PIPE CULVERTS TO BE CLEANED 30"	FOOT	406	205					201			
△ X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	358	270					88			
△ X5420648	PIPE CULVERTS TO BE CLEANED 48"	FOOT	338	338								
△ X5428800	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	CU YD	18						18			
△ X5420654	PIPE CULVERTS TO BE CLEANED 54"	FOOT	681	112					569			
△ X54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS, 36 INCH	EACH	6	4					2			

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FILE NAME: *FILES*	USER NAME: default	DESIGNED: JMG	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 23			
	PLOT SCALE: 1/4" = 1'-0"	DRAWN: JMG	REVISED:			SCALE: NA	SHEET NO. 20 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L 77			
	PLOT DATE: 6/19/2012	CHECKED: RGR	REVISED:			[ILLINOIS] FED. AID PROJECT							
		DATE: 6/19/2012	REVISED:										

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY			
X6025300	CATCH BASINS TO BE ADJUSTED (SPECIAL)	EACH	4					4						
X6060160	COMBINATION CONCRETE CURB AND GUTTER OUTLET, (SPECIAL)	EACH	2	2										
X6310176	TRAFFIC BARRIER TERMINAL, TYPE 2 (SPECIAL)	EACH	3									3		
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	1,363	1,363										
X6310195	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT), MODIFIED	EACH	6									6		
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	784	784										
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	19	19										
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1										
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	231	231										
X8140115	HANDHOLE TO BE ADJUSTED	EACH	2										2	
X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1											1
X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	1											1
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3											3
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3											3
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3,844											3,844
X8730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	FOOT	76											76

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		DRAWN - JMG	REVISED -			94	49-1-R-1	LAKE	677	24	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			SCALE: NA	SHEET NO. 21 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003	0010	0021	0040	0003	0010	0021	0021	
				ROADWAY	BRIDGE SN 049-0535	SAFETY	RETAINING WALL SN 049-W045	ROADWAY	BRIDGE SN 049-0535	SAFETY	SAFETY	
X8950115	RELOCATE LIGHT DETECTOR	EACH	5			5						
X8950120	RELOCATE LIGHT DETECTOR AMPLIFIER	EACH	2			2						
*XX005940	REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1			1						
*XX007952	TERMINAL SERVER	EACH	1			1						
*XX008253	VIDEO ENCODER	EACH	1			1						
Z0004552	APPROACH SLAB REMOVAL	SO YD	408	408								
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SO YD	1,221	1,221								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.3				0.7				
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	6			6						
Z0018800	DRAINAGE SYSTEM	L SUM	1						1			
Z0023500	FILLING EXISTING CULVERTS	CU YD	100	91				9				
Z0026407	TEMPORARY SHEET PILING	SO FT	1,330						1,330			
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	12	12								
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	4				6				

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PLOT SCALE - 1/8"=1'-0"	CHECKED - ROR	REVISED -				SCALE: NA	SHEET NO. 22 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77	(ILLINOIS) FED. AID PROJECT
PLOT DATE - 6/19/2012	DATE - 6/19/2012	REVISED -									

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
Z0030270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	4	3					1			
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	1	1					1			
Z0030332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	13	4					9			
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	16	16								
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1,000	1,000								
*Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	142						142			
*Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	11						11			
*Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1						1			
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SO FT	3,200					3,200				
*Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	25,450	6,750				18,700				
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	17,869	11,123				6,746				
3030001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	17,869	11,123				6,746				
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	287						287			
Z0062456	TEMPORARY PAVEMENT	SO YD	18,243	15,556				2,687				
Z0073345	SLEEPER SLAB	FOOT	386	386								

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 23 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2			2						
J1312020	STABILIZED SUBBASE - HOT-MIX ASPHALT 3"	SO YD	34,265					34,265				
J1420005	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	6,131					6,131				
J1481110	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6"	TON	2,416					2,416				
J1602010	CATCH BASIN, TYPE B	EACH	6					6				
J1602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1					1				
J1602740	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20A FRAME AND GRATE	EACH	1					1				
J1606010	GUTTER, TYPE G-2	FOOT	1,457					1,457				
J1606020	GUTTER, TYPE G-3	FOOT	10					10				
*J1630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1237.5							1237.5		
*J1630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	475.4							475.4		
*J1631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	3							3		
*J1631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	2							2		
*J1637001	CONCRETE BARRIER BASE	FOOT	160							160		

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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 24 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	27
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD	
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY
JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	470					470			
JI680020	HEADWALL TYPE III, 36", 1:4	EACH	2					2			
JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	12					12			
JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	52					52			
JI780245	POLYUREA PAVEMENT MARKING TYPE I - LINE 10"	FOOT	7,407					7,407			
JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	12	6				6			
JS120410	PIPE RUNNERS, 3" DIA., SCH. 40	FOOT	85					85			
JS250220	SEEDING, CLASS 2E	ACRE	9					9			
JS120610	HEADWALL GRATES	POUND	608					608			
JS250318	SEEDING, CLASS 4F	ACRE	21					21			
JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	14					14			
JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	31					31			
JS280200	FILTER FABRIC INLET PROTECTION	EACH	65					65			
JS701010	MAINTENANCE OF TRAFFIC	L SUM	1	0.3				0.7			
JS733B30	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOOT	27							27	
JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE IV-BW	CU YD	16							16	

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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 25 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	28
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

⚠ Rev. 7-27-12

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EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING ASPHALT SHOULDER
- (D) EXISTING GRANULAR SUB-BASE, 6"
- (E) EXISTING REINFORCED CONCRETE PAVEMENT, 10"
- (F) EXISTING ASPHALT OVERLAY
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING STEEL BEAM GUARDRAIL

PROPOSED LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- (2) CONCRETE MEDIAN SURFACE, 6 INCH (60618320)
- (3) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (4) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
 - (5a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
 - (5b) 9" PGE
- (6) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (48300410)
- (7) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (8) CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (10) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (11) LONGITUDINAL SAWED OR CONSTRUCTION JOINT.

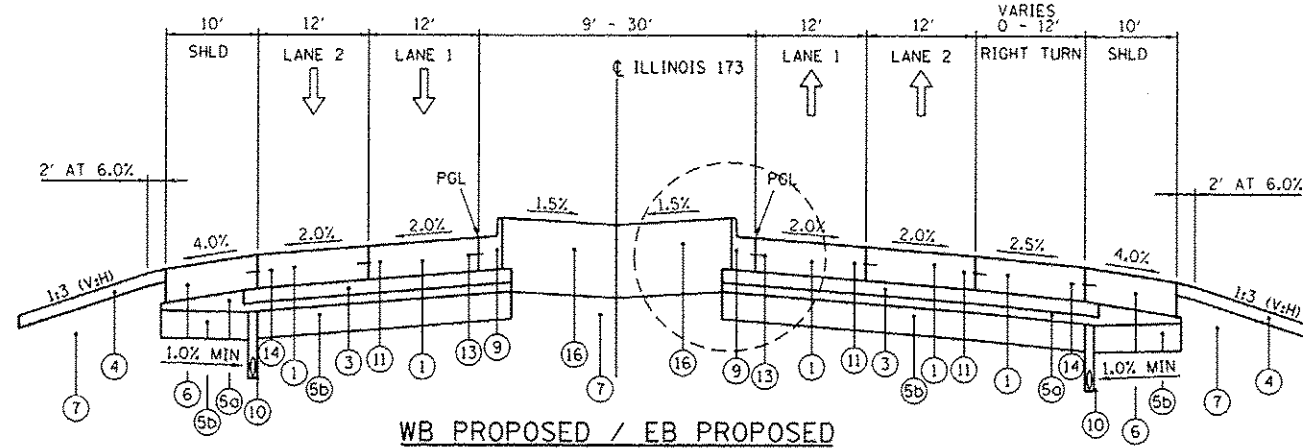
FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED))
- (12) LONGITUDINAL KEYED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED))
- (13) LONGITUDINAL CONSTRUCTION JOINT.

DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB & GUTTER TYPE)
- (14) LONGITUDINAL CONSTRUCTION JOINT.

DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS, 9 1/2")
- (15) AGGREGATE BASE COURSE, TYPE B (35101500)
- (16) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (24")
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (X6063600)
- (18) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- (19) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)
- (20) RETAINING WALL (SEE STRUCTURAL PLANS)
- (21) HOT MIX ASPHALT SURFACE COURSE MIX "D", NSO (3")
- (22) CHAIN LINK FENCE, 4' (66400105)

WESTBOUND

EASTBOUND

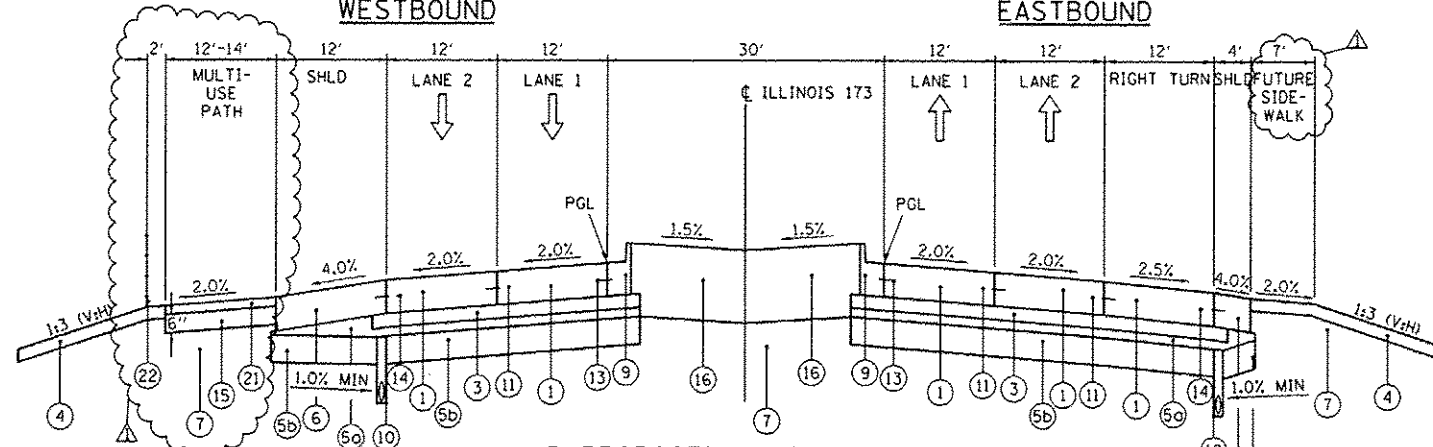


WB PROPOSED / EB PROPOSED

STA 2019+24.19 TO STA 2023+49.71

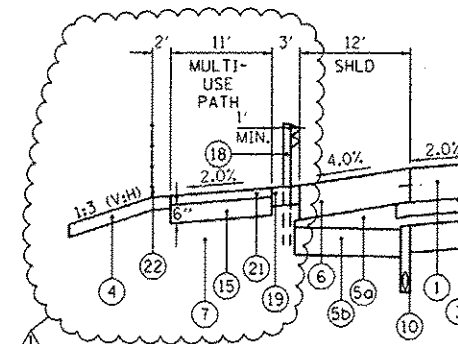
WESTBOUND

EASTBOUND



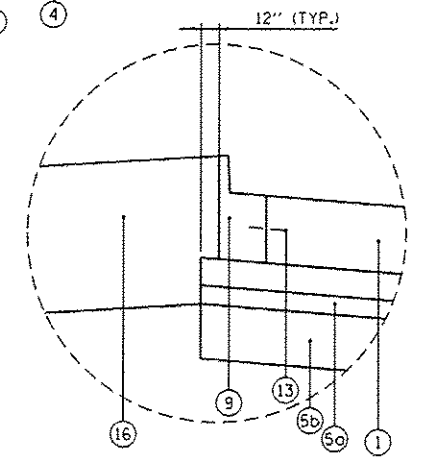
WB PROPOSED / EB PROPOSED

STA 2023+49.71 TO STA 2027+96.09



GUARDRAIL DETAIL

STA 2024+78.71 TO STA 2030+09.36 WB



TYPICAL SUB-GRADE AND SUB-BASE PLACEMENT UNDER CURB & GUTTER

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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		DRAWN - JMG	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - ILLINOIS 173

SCALE: NA SHEET NO. 13 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	41
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

S:\1181\95-4000\60L77 R. 123\60L77 Sheet 13 of 15.dwg

EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING ASPHALT SHOULDER
- (D) EXISTING GRANULAR SUB-BASE, 6"
- (E) EXISTING REINFORCED CONCRETE PAVEMENT, 10"
- (F) EXISTING ASPHALT OVERLAY
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING STEEL BEAM GUARDRAIL

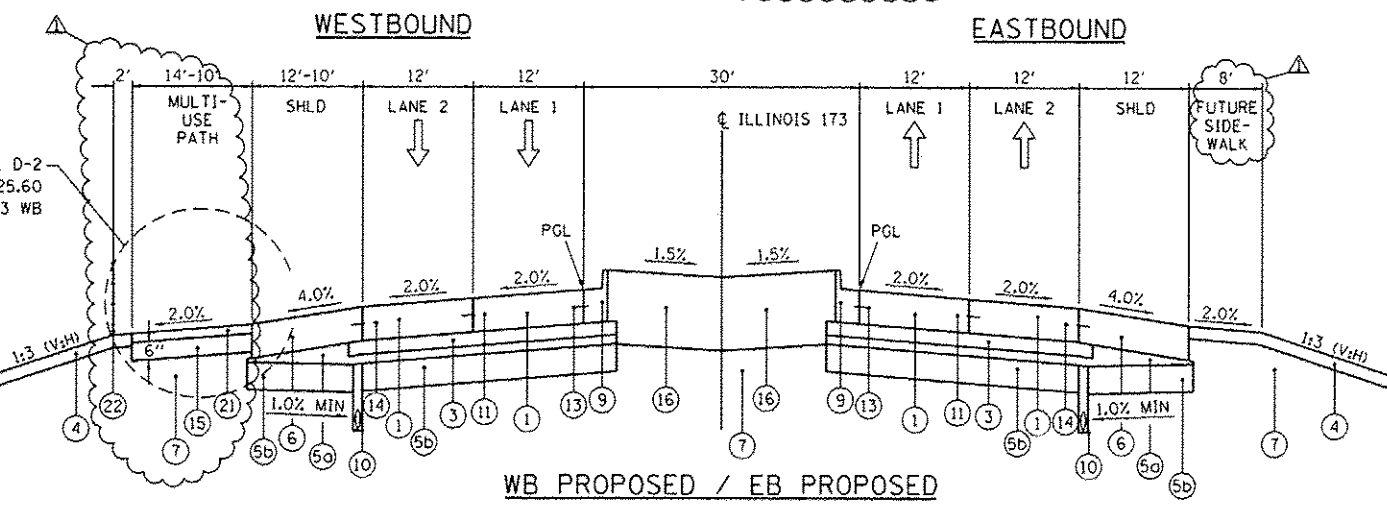
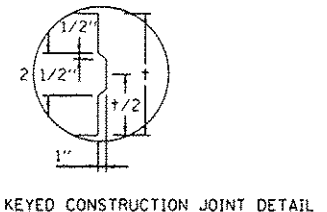
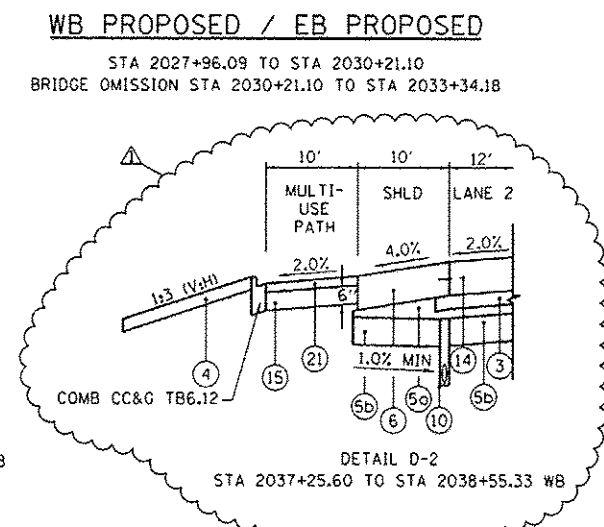
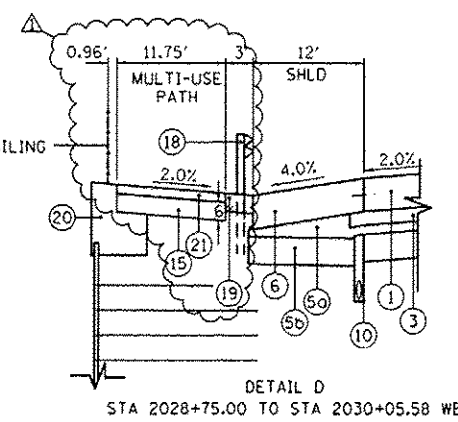
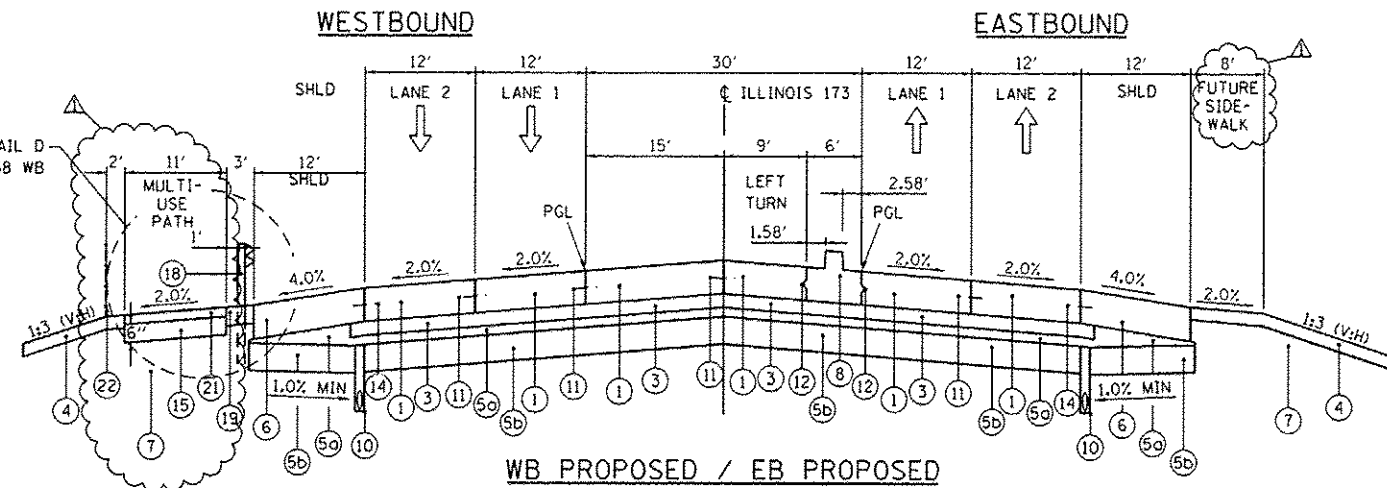
PROPOSED LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- (2) CONCRETE MEDIAN SURFACE, 6 INCH (60618320)
- (3) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (4) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
 - (5a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
 - (5b) 9" PGE
- (6) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (48300410)
- (7) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (8) CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (10) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (11) LONGITUDINAL SAWS OR CONSTRUCTION JOINT.

FOR LONGITUDINAL SAWS JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED))
- (12) LONGITUDINAL KEYPED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED))
- (13) LONGITUDINAL CONSTRUCTION JOINT.

DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB & GUTTER TYPE)
- (14) LONGITUDINAL CONSTRUCTION JOINT.

DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS, 9 1/2")
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- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (X6063600)
- (18) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- (19) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)
- (20) RETAINING WALL (SEE STRUCTURAL PLANS)
- (21) HOT MIX ASPHALT SURFACE COURSE MIX "D", N50 (3")
- (22) CHAIN LINK FENCE, 4' (66400105)



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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - ILLINOIS 173		F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 42
SCALE: NA	SHEET NO. 14 OF 15 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77		

ILLINOIS FED. AID PROJECT

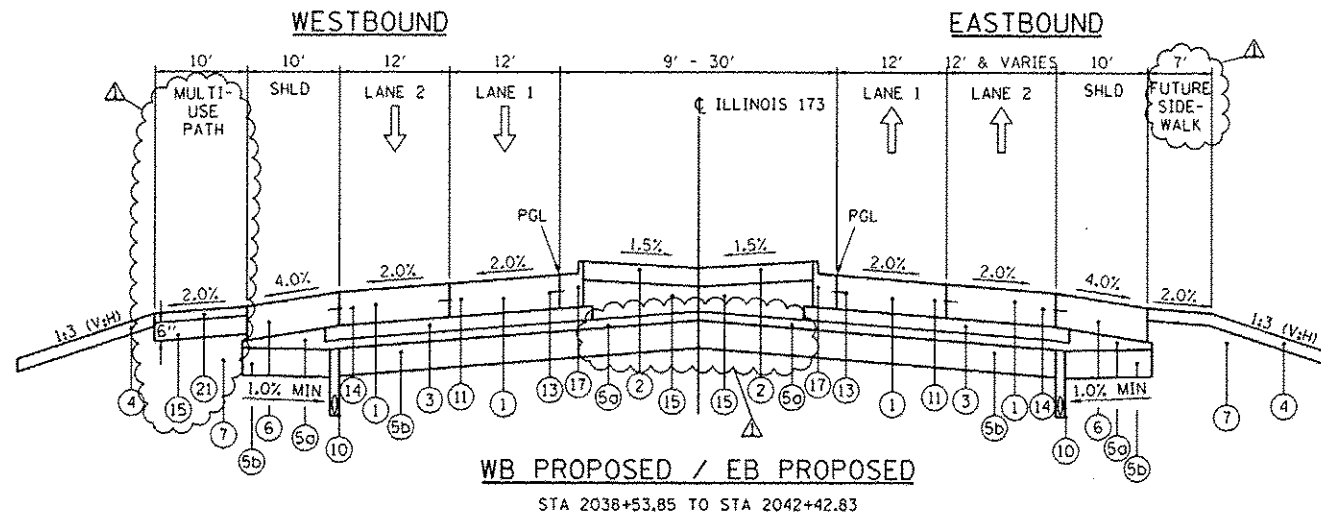
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EXISTING LEGEND

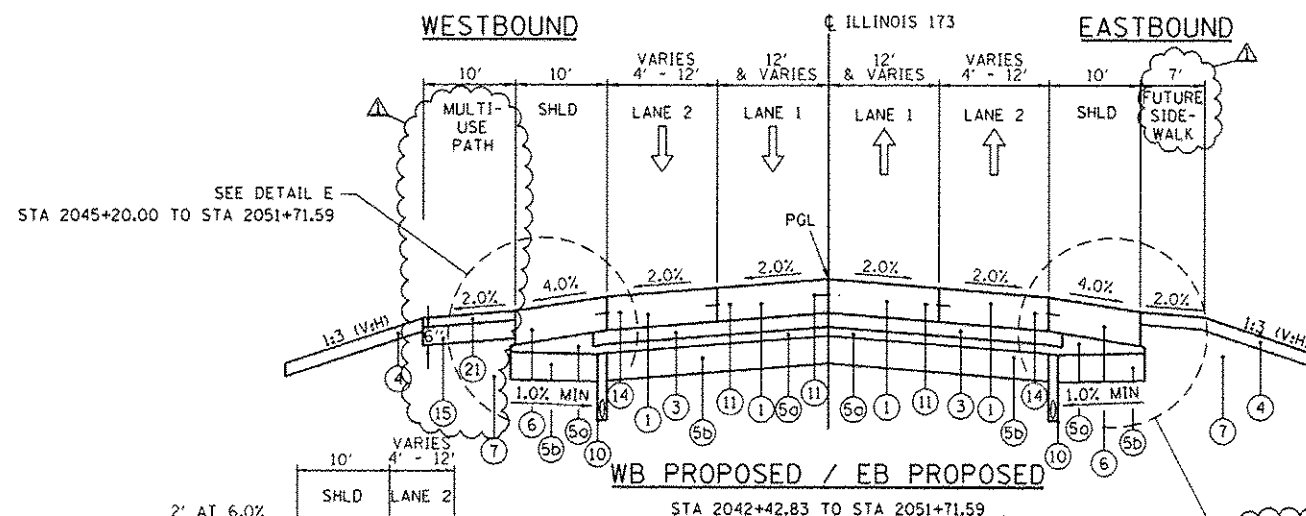
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING ASPHALT SHOULDER
- (D) EXISTING GRANULAR SUB-BASE, 6"
- (E) EXISTING REINFORCED CONCRETE PAVEMENT, 10"
- (F) EXISTING ASPHALT OVERLAY
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING STEEL BEAM GUARDRAIL

PROPOSED LEGEND

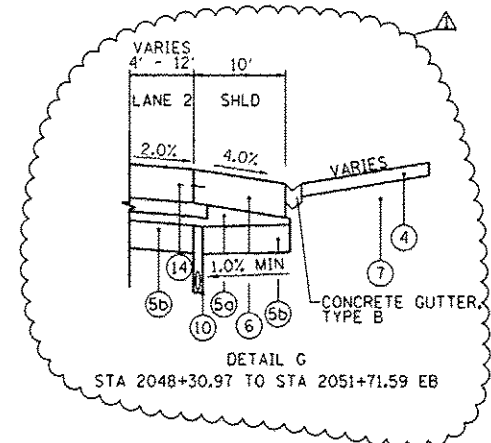
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
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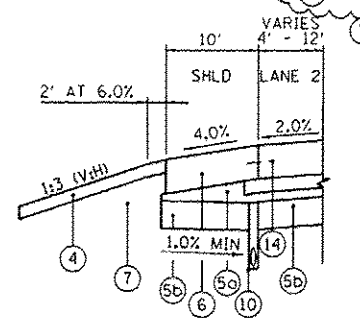
WB PROPOSED / EB PROPOSED
STA 2038+53.85 TO STA 2042+42.83



WB PROPOSED / EB PROPOSED
STA 2042+42.83 TO STA 2051+71.59

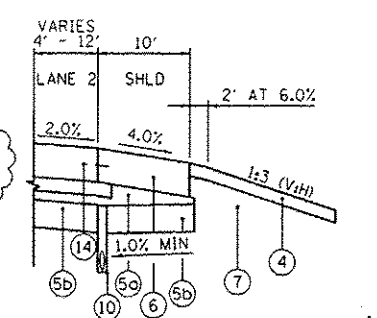


DETAIL G
STA 2048+30.97 TO STA 2051+71.59 EB



DETAIL E
STA 2046+00.00 TO STA 2051+71.59 WB

SEE DETAIL F
STA 2045+20.00 TO STA 2048+30.97
SEE DETAIL G
STA 2048+30.97 TO STA 2051+71.59



DETAIL F
STA 2045+20.00 TO STA 2048+30.97 EB

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FILE NAME * #FILES*	USER NAME * default	DESIGNED - JMC	REVISED - 7/17/12 RGR
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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - ILLINOIS 173			
SCALE: NA	SHEET NO. 15 OF 15 SHEETS	STA. NA TO STA. NA	

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 43
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A - 6 FOOT POSTS (J1630002)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
3990+05.6	R	3992+68.1	R	262.5
4054+22.8	R	4056+09.0	R	187.5
4059+77.0	L	4061+40.6	L	162.5
4068+70.0	L	4071+37.3	L	262.5
3994+67.1	R	3996+66.5	R	200.0
14066+40.6	R	14068+03.1	R	162.5
TOTAL				1,237.5

GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A - 9 FOOT POSTS (J1630004)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
4058+47.7	R	4063+08.4	R	475.4
TOTAL				475.4

STEEL PLATE BEAM GUARDRAIL, TYPE A - 6 FOOT POSTS (63000001)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
99+71.8	R	111+89.0	R	1,216.4
4075+12.8	R	4082+00.3	R	696.1
2052+35.0	L	2056+22.5	L	387.5
2052+57.6	R	2055+57.6	R	300.0
2024+91.2	L	2029+66.2	L	475.0
14084+00.0	L	14086+27.8	L	225.0
TOTAL				3,300.0

IDOT-GUARDRAIL REMOVAL (63200310)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
99+71.8	R	101+29.8	R	157
4078+30.5	R	4080+00.0	R	171
4080+00.0	R	4083+06.3	R	311
4080+85.8	L	4084+27.4	L	341
4088+89.2	L	4095+00.0	L	610
4089+95.4	R	4091+48.0	R	154
4092+47.4	R	4095+00.0	R	254
4095+00.0	L	4095+48.1	L	49
4095+00.0	R	40954+38.5	R	40
14073+28.1	R	14075+61.8	R	234
14073+42.7	L	14075+52.1	L	210
14085+46.2	R	14087+44.5	R	199
14085+44.7	L	14087+17.3	L	173
14093+97.2	R	14096+03.2	R	207
14097+16.6	L	14097+91.2	L	74
2015+34.2	R	2020+00.0	L	465
2015+61.9	L	2020+00.0	L	437
2020+00.0	L	2022+39.9	L	295
2020+00.0	R	2025+62.2	R	563
2027+18.5	R	2030+58.6	R	341
2022+66.5	L	2030+41.5	L	828
2033+11.6	R	2035+00.0	R	187
2032+99.2	L	2035+00.0	L	200
2035+00.0	L	2038+68.2	L	369
2035+00.0	R	2036+48.5	R	150
59+38.4	R	60+00.8	R	66
2052+07.6	R	2055+74.4	R	366
2052+20.6	L	2056+74.4	L	454
TOTAL				7,905

ISTHA-TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT), MODIFIED (X6310195)		
STATION	L/R	QUANTITY (EACH)
44+01.3	R	1
3989+55.6	R	1
3997+11.7	L	1
4053+72.8	R	1
4059+26.7	L	1
14068+61.3	L	1
TOTAL		6

IDOT-TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (63100167)		
STATION	L/R	QUANTITY (EACH)
2008+95.5	R	1
14086+77.1	L	1
2029+39.7	R	1
2034+15.6	L	1
2052+07.6	R	1
2056+72.5	L	1
TOTAL		6

AGGREGATE SHOULDERS, SPECIAL, TYPE C (X4811410)								
FROM		TO		LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CU YD)	WEIGHT (TONS)
STATION	L/R	STATION	L/R					
43+85.3	R	43+91.3	R	6	4.5	0.25	0.25	0.5
43+91.3	R	44+51.3	R	60	4.5	0.25	2.50	4.9
3989+39.6	R	3989+45.6	R	6	4.5	0.25	0.25	0.5
3989+45.6	R	3990+05.6	R	60	4.5	0.25	2.50	4.9
3990+05.6	R	3992+81.1	R	276	4	0.25	10.20	19.9
3994+54.6	L	3996+66.5	L	212	4	0.25	7.85	15.3
3996+66.5	L	3997+26.4	L	60	4.5	0.25	2.50	4.9
3997+26.4	L	3997+37.4	L	11	4.5	0.25	0.46	0.9
4053+56.8	R	4053+62.8	R	6	4.5	0.25	0.25	0.5
4053+62.8	R	4054+22.5	R	60	4.5	0.25	2.49	4.9
4054+22.5	R	4056+52.3	R	230	4	0.25	8.51	16.6
4059+16.9	L	4059+76.9	L	60	3.5	0.25	1.95	3.8
4059+76.9	L	4061+40.6	L	164	3	0.25	4.55	8.9
4058+47.7	R	4063+50.8	R	503	4	0.25	18.63	36.3
4068+70.0	L	4071+49.9	L	280	4	0.25	10.37	20.2
14065+78.2	L	14068+03.1	L	225	4	0.25	8.33	16.2
14068+03.1	L	14068+71.6	L	69	4.5	0.25	2.85	5.6
14068+71.6	L	14068+87.0	L	15	4.5	0.25	0.64	1.3
TOTAL							165.9	

ISTHA-TRAFFIC BARRIER TERMINAL, TYPE 2 (SPECIAL) (X6310176)		
STATION	L/R	QUANTITY (EACH)
3992+68.1	R	1
3994+67.1	L	1
4071+37.4	L	1
TOTAL		3

IDOT-TRAFFIC BARRIER TERMINAL, TYPE 2 (63100045)		
STATION	L/R	QUANTITY (EACH)
4082+00.2	R	1
14084+00.0	L	1
2024+91.2	L	1
2052+35.0	R	1
2055+57.6	L	1
TOTAL		5

TRAFFIC BARRIER TERMINAL, TYPE 5 (63100070)		
STATION	L/R	QUANTITY (EACH)
2029+66.2	L	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE T10 (J1631140)		
STATION	L/R	QUANTITY (EACH)
4058+47.7	L	1
4068+70.0	L	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 6 (63100085)		
STATION	L/R	QUANTITY (EACH)
2008+45.5	L	1
2029+89.7	R	1
2033+65.6	L	1
TOTAL		3

TRAFFIC BARRIER TERMINAL, TYPE T6B (J1631135)		
STATION	L/R	QUANTITY (EACH)
4056+09.0	R	1
4063+08.4	R	1
14066+42.0	L	1
TOTAL		3

HMA STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL (Z0005216)						
FROM		TO		LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
STATION	L/R	STATION	L/R			
99+71.8	R	111+89.0	R	1217	4	541
4075+12.8	R	4082+12.7	R	700	4	311
2024+78.7	L	2030+09.4	L	531	3	177
2029+89.7	R	2030+33.5	R	44	3	15
2029+83.7	R	2029+89.7	R	6	3.5	2
2029+29.7	R	2029+83.7	R	54	4	24
2029+05.8	R	2029+29.7	R	24	2	5
2033+21.7	L	2033+65.6	L	44	3	15
2033+65.6	L	2033+71.6	L	6	3.5	2
2033+71.6	L	2034+25.6	L	54	4	24
2034+25.6	L	2034+49.5	L	24	2	5
TOTAL						1,121

ISTHA-GUARDRAIL REMOVAL (63200310)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
43+28.4	R	44+51.3	R	123
3990+13.7	R	3993+17.3	R	304
3994+17.0	L	3997+54.2	L	344
4009+31.8	R	4015+47.4	R	600
169+70.5	L	183+17.1	L	1,347
4053+75.6	R	4056+65.3	R	293
4058+49.0	R	4063+52.0	R	518
4060+90.6	L	4061+41.0	L	50
14065+83.2	L	14068+53.1	L	263
TOTAL				3,842

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULE

SCALE: NA

SHEET NO. 2 OF 8 SHEETS

STA. NA TO STA. NA

F.A. RTE.

94

SECTION

49-1-R-1

COUNTY

LAKE

TOTAL SHEETS

677

SHEET NO.

44

CONTRACT NO. 60L77

ILLINOIS FED. AID PROJECT

S:\118185.LAQD\60L77.R 17568.77 Sheets\118185.77-ans.civil schedule.dgn

EARTHWORK SCHEDULE			STAGE 2					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
SB I-94 TO SB US-41	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
2001+00.00 TO 2002+00.00	199.76	169.80	22.17	147.63	43.13	7.06		
2002+00.00 TO 2003+00.00	178.61	151.82	18.61	133.21	35.61	4.24		
2003+00.00 TO 2004+00.00	206.06	175.15	17.81	157.33	48.52	9.91		
2004+00.00 TO 2005+00.00	259.31	220.42	15.76	204.66	69.04	10.98		
2005+00.00 TO 2005+66.48	198.73	168.92	5.02	163.89	34.63	6.57		
2005+66.48 TO 2006+00.00	130.73	111.12	2.11	109.01	20.40	9.84		
2006+00.00 TO 2007+00.00	429.63	365.19	7.02	358.17	49.87	32.67		
2007+00.00 TO 2008+00.00	318.56	270.77	3.09	267.68	5.54	18.54		
2008+00.00 TO 2008+02.35	5.51	4.68	0.03	4.65	0.00	0.39		
2008+02.35 TO 2009+00.00	135.72	115.36	76.31	39.05	57.60	22.42		
2009+00.00 TO 2010+00.00	32.02	27.22	319.50	-292.28	163.89	45.59		
2010+00.00 TO 2011+00.00	15.37	13.06	767.31	-754.25	280.76	74.00		
2011+00.00 TO 2011+11.19	2.24	1.90	115.35	-113.44	38.22	9.25		

EARTHWORK SCHEDULE			STAGE 1					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
NB US-41 TO NB I-94	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
99+71.77 TO 100+00.00	59.31	50.41	93.22	-42.81	36.32	10.66		
100+00.00 TO 100+51.27	102.90	87.47	308.67	-221.21	125.07	38.31		
100+51.27 TO 101+00.00	103.79	88.23	230.18	-141.95	117.76	35.94		
101+00.00 TO 102+00.00	219.52	186.59	292.33	-105.74	224.17	68.09		
102+00.00 TO 103+00.00	193.17	164.19	196.41	-32.22	186.76	56.13		
103+00.00 TO 104+00.00	129.24	109.85	368.39	-258.53	194.78	59.20		
104+00.00 TO 105+00.00	61.37	52.16	589.83	-537.67	219.35	67.44		
105+00.00 TO 106+00.00	20.98	17.83	892.57	-874.74	235.65	72.31		
106+00.00 TO 107+00.00	8.28	7.04	1,352.31	-1,345.28	273.46	84.22		
107+00.00 TO 108+00.00	4.44	3.78	1,584.87	-1,581.09	287.13	88.96		
108+00.00 TO 108+63.47	6.06	5.16	972.01	-966.85	177.57	49.94		

EARTHWORK SCHEDULE			STAGE 1					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
SB OLD US-41 TO SB I-94	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
180+30.54 TO 181+00.00	606.12	515.20	92.52	422.68	212.43	66.58		
181+00.00 TO 182+00.00	914.93	777.69	171.54	606.15	475.37	152.26		
182+00.00 TO 183+00.00	667.37	567.26	158.31	408.95	487.48	156.59		
183+00.00 TO 184+00.00	373.72	317.66	57.39	260.28	263.50	83.81		
184+00.00 TO 185+00.00	302.65	257.25	21.31	232.94	145.52	45.00		
185+00.00 TO 185+95.00	203.21	172.73	31.91	140.82	89.02	24.45		

EARTHWORK SCHEDULE			STAGE 2					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
DETENTION BASIN*	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
4073+67.50 TO 4074+00.00	7.94	6.75	9.09	-2.35	48.39	16.13		
4074+00.00 TO 4075+00.00	347.65	295.50	62.85	232.65	440.09	146.69		
4075+00.00 TO 4076+00.00	918.11	780.39	52.94	727.45	722.33	240.78		
4076+00.00 TO 4077+00.00	1,318.80	1,120.98	7.80	1,113.18	750.80	250.28		
4077+00.00 TO 4078+00.00	1,476.43	1,254.96	39.54	1,215.43	770.13	256.85		
4078+00.00 TO 4079+00.00	1,375.20	1,168.92	77.31	1,091.61	793.72	264.87		

*DETENTION BASIN SECTIONS USE MAINLINE I-94 (NORTHBOUND) STATIONING

EARTHWORK SCHEDULE			PRESTAGE					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
MAINTENANCE OF TRAFFIC	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
TEMPORARY PAVEMENT	0.00	0.00	816.00	-816.00	0.00	0.00		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULE

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 49
CONTRACT NO. 60L77				
[ILLINOIS] FED. AID PROJECT				

SCALE: NA SHEET NO. 6 OF 8 SHEETS STA. NA TO STA. NA

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EARTHWORK SUMMARY BY STAGE	PRESTAGE			STAGE 1				STAGE 2					STAGE 3				
	EARTH EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
LOCATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
MAINLINE I-94	-	-	15,258.43	-3,984.70	17,556.39	4,519.99	12,836.39	0.00	0.00	0.00	0.00	0.00	2,942.06	877.94	2,930.46	286.25	2,144.21
MAINLINE I-94 (NORTHBOUND)	-	-	2,652.31	-24,331.36	8,740.36	1,873.21	6,867.15	3,437.13	1,419.23	1,455.23	236.03	1,219.21	1,272.32	1,081.47	0.00	0.00	0.00
MAINLINE I-94 (SOUTHBOUND)	-	-	9,244.32	1,232.11	5,079.09	999.46	4,079.63	6,328.73	-2,228.02	3,445.19	834.93	2,610.26	2,237.32	1,901.72	0.00	0.00	0.00
IL-173	-	-	2,243.18	-48,926.06	7,650.45	2,573.09	5,077.35	4,077.82	-41,728.24	7,805.37	2,828.94	4,976.43	0.00	0.00	0.00	0.00	0.00
IL-173 - (RAMP B)	-	-	1,960.48	-651.48	1,707.20	487.21	1,219.99	-	-	-	-	-	-	-	-	-	-
IL-173 - (RAMP A)	-	-	1,449.03	-1,900.31	1,797.98	444.46	1,353.52	-	-	-	-	-	-	-	-	-	-
SB I-94 TO SB US-41	-	-	-	-	-	-	-	2,112.23	425.30	847.19	251.46	595.73	-	-	-	-	-
NB US-41 TO NB I-94	-	-	909.07	-6,108.09	2,078.02	631.23	1,446.79	-	-	-	-	-	-	-	-	-	-
OLD US-41 TO SB I-94	-	-	3,067.99	2,071.80	1,673.32	528.70	1,144.62	-	-	-	-	-	-	-	-	-	-
DETENTION BASIN	-	-	-	-	-	-	-	5,444.12	4,377.97	3,525.46	1,175.59	2,349.87	-	-	-	-	-
MAINTENANCE OF TRAFFIC	-	-816.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-916	36,785	-82,578	46,083	12,057	34,025	21,400	-37,734	17,078	5,337	11,752	6,452	3,661	2,930	786	2,144

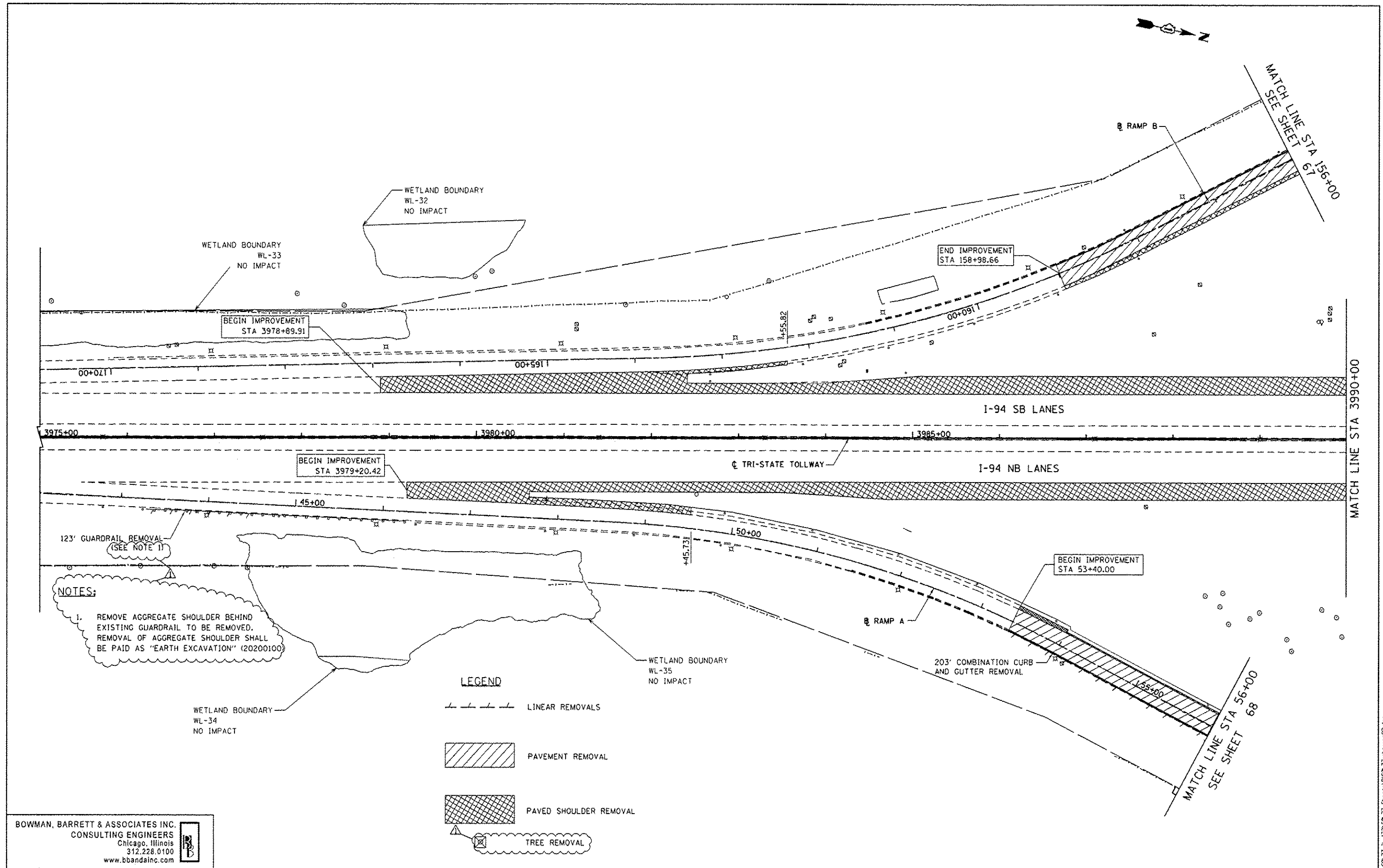
EARTHWORK SUMMARY	20200100	20400800	21101505
	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT
STAGE	(CU YD)	(CU YD)	(CU YD)
PRESTAGE	0	816	0
STAGE 1	36,785	82,578	46,083
STAGE 2	21,400	37,734	17,078
STAGE 3	6,452	0	2,930
	64,637	121,128	66,092

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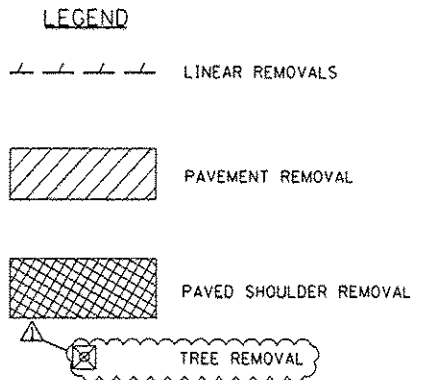
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	PL07 SCALE = 1/8" = 1'-0" 1/4" = 15'	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 7 OF 8 SHEETS	STA. NA TO STA. NA	ILLINOIS FED. AID PROJECT				
	PL07 DATE = 7/16/2012	CHECKED - RGR	REVISED -									
		DATE - 6/19/2012	REVISED -									

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NOTES:

1. REMOVE AGGREGATE SHOULDER BEHIND EXISTING GUARDRAIL TO BE REMOVED. REMOVAL OF AGGREGATE SHOULDER SHALL BE PAID AS "EARTH EXCAVATION" (20200100)



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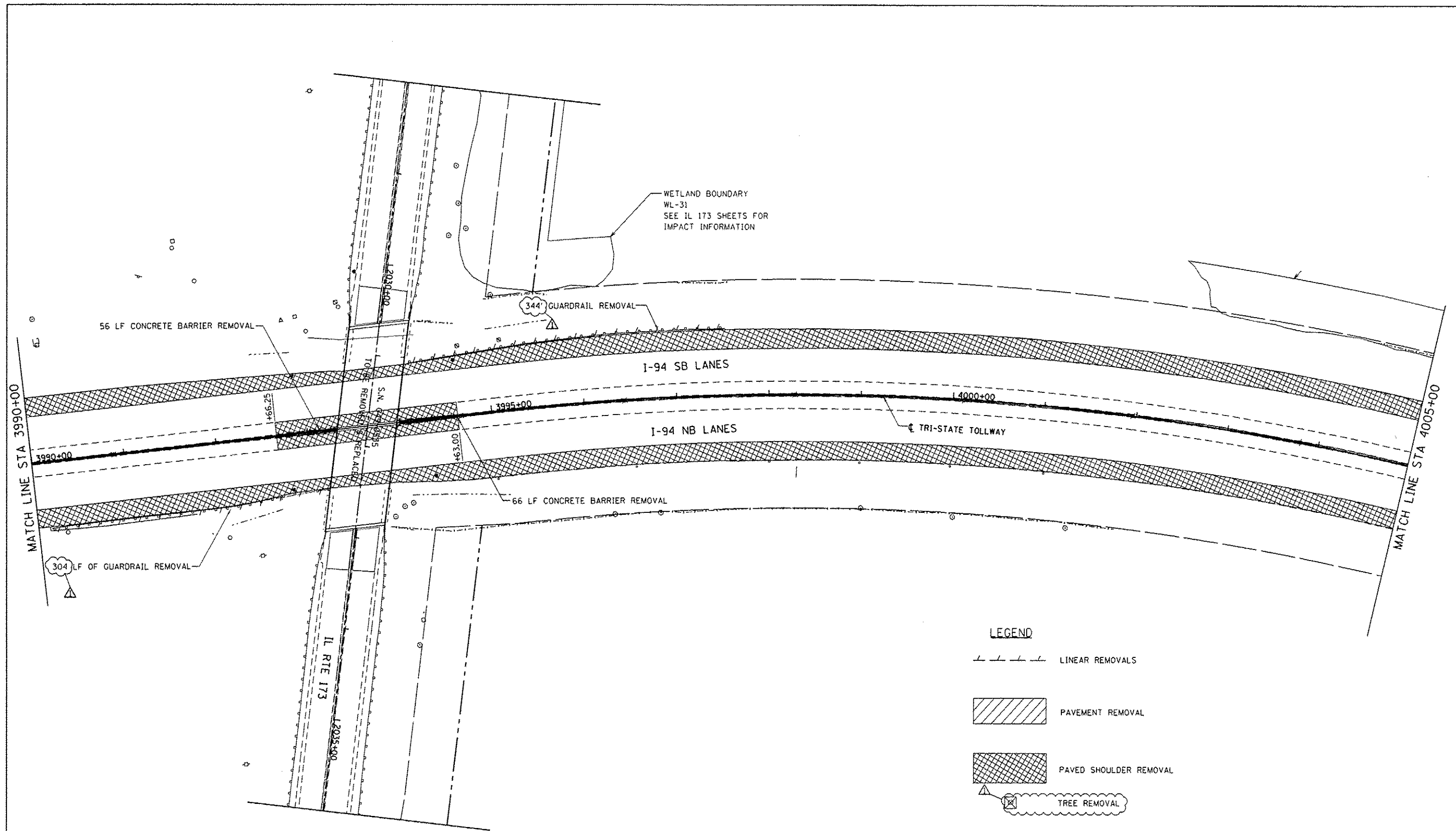
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN NB I-94 AND SB I-94





SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. 3975+00 TO STA. 3990+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	57
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	


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LEGEND

-  LINEAR REMOVALS
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL

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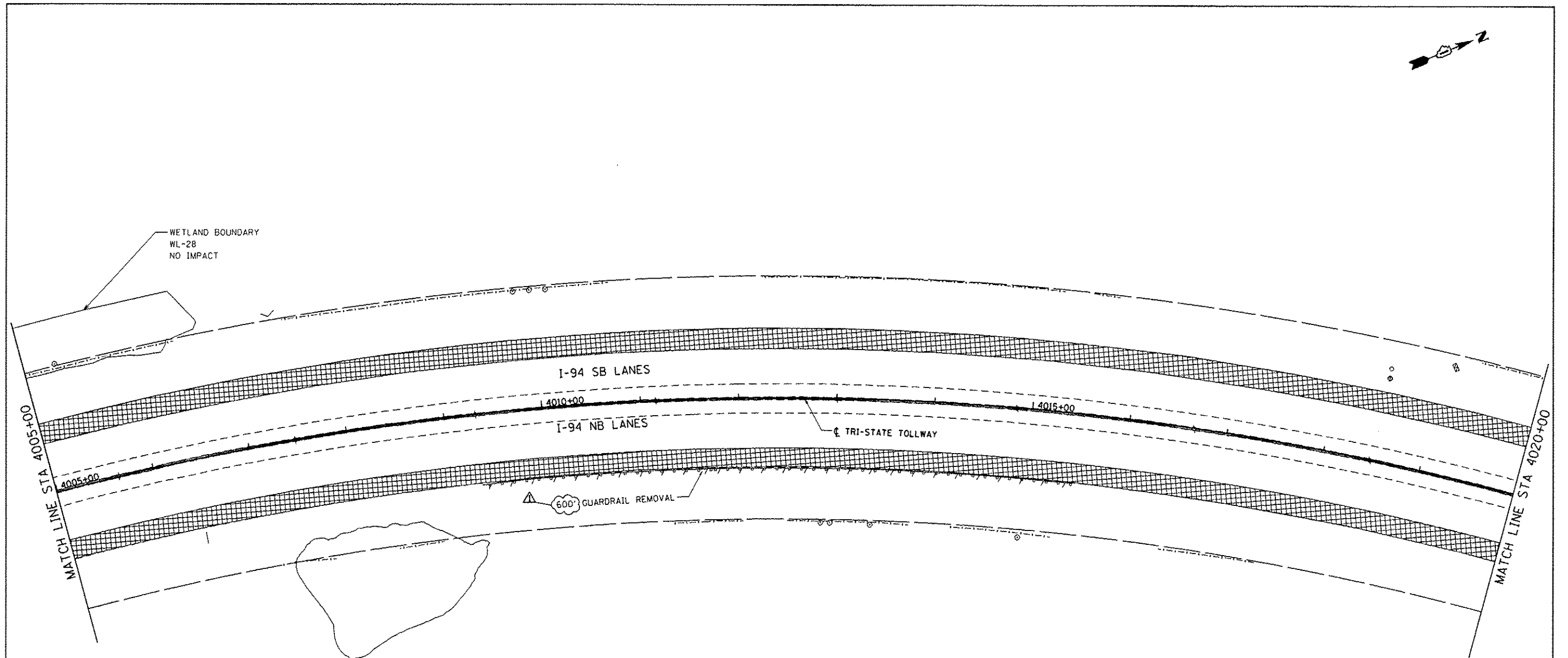
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 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN NB I-94 AND SB I-94

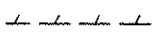
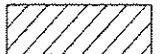


SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. 3990+00 TO STA. 4005+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	58
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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LEGEND

	LINEAR REMOVALS
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	TREE REMOVAL

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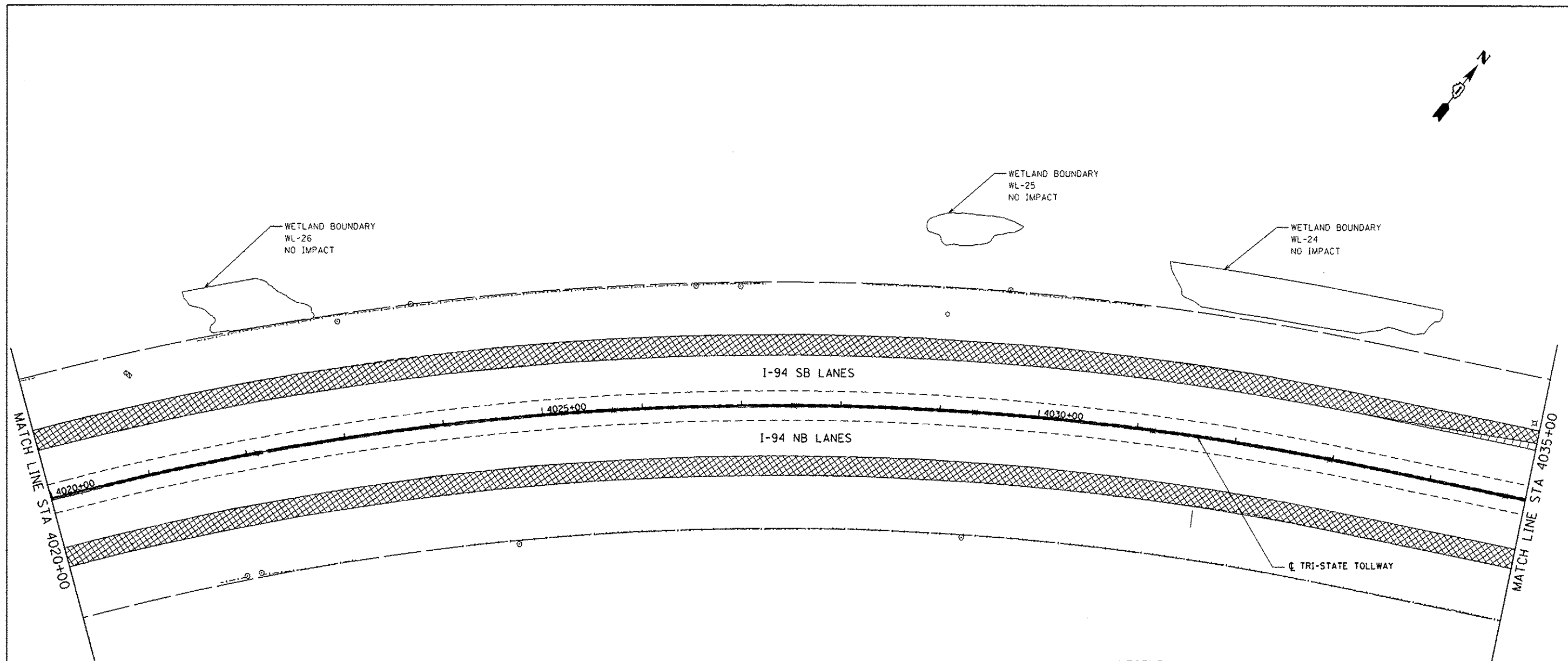
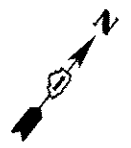
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 DEPARTMENT OF TRANSPORTATION**

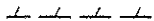
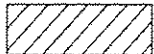


REMOVAL PLAN NB I-94 AND SB I-94		
SCALE: 1"=50'	SHEET NO. 4 OF 15 SHEETS	STA. 4005+00 TO STA. 4020+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 59
ILLINOIS FED. AID PROJECT				

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LEGEND

-  LINEAR REMOVALS
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL

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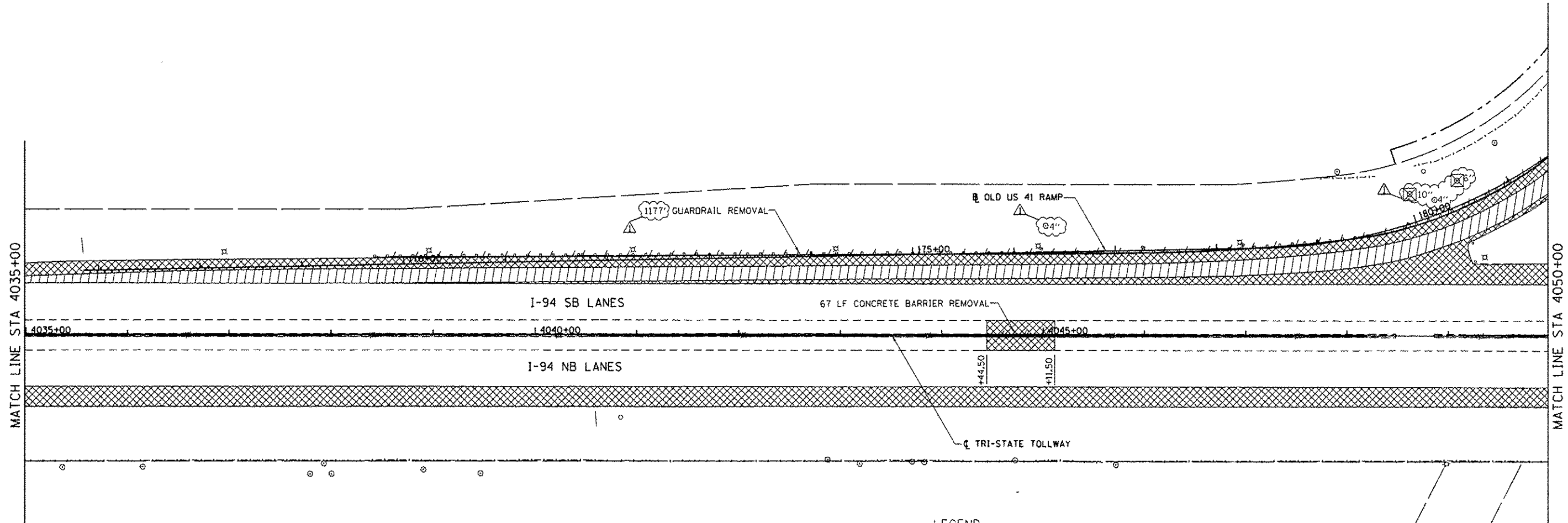
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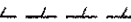



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN NB I-94 AND SB I-94	
SCALE: 1"=50'	SHEET NO. 5 OF 15 SHEETS
STA. 4020+00 TO STA. 4035+00	


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CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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- LEGEND**
-  LINEAR REMOVALS
 -  PAVEMENT REMOVAL
 -  PAVED SHOULDER REMOVAL
 -  TREE REMOVAL

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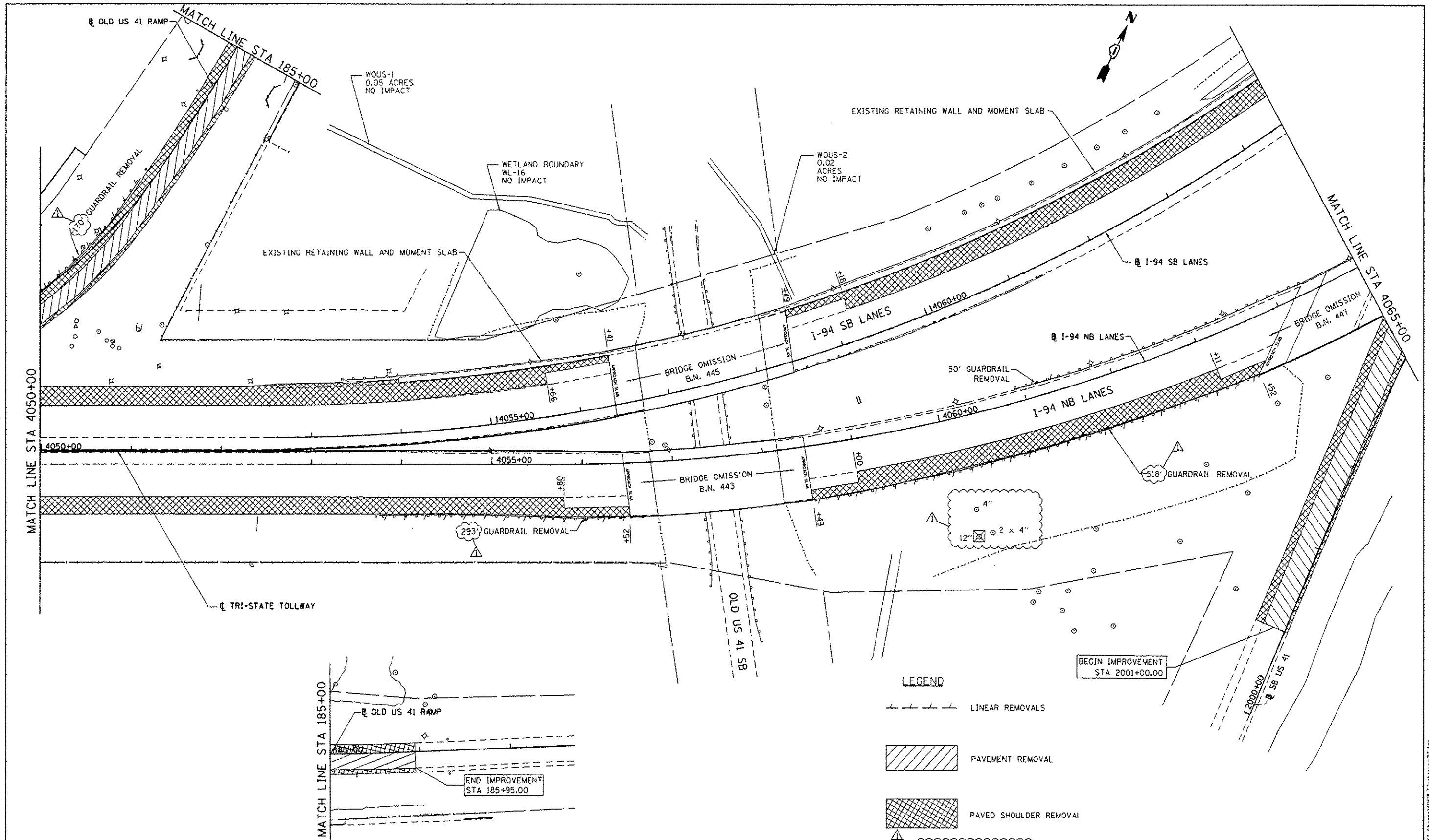
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REMOVAL PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 6 OF 15 SHEETS STA. 4035+00 TO STA. 4050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	61
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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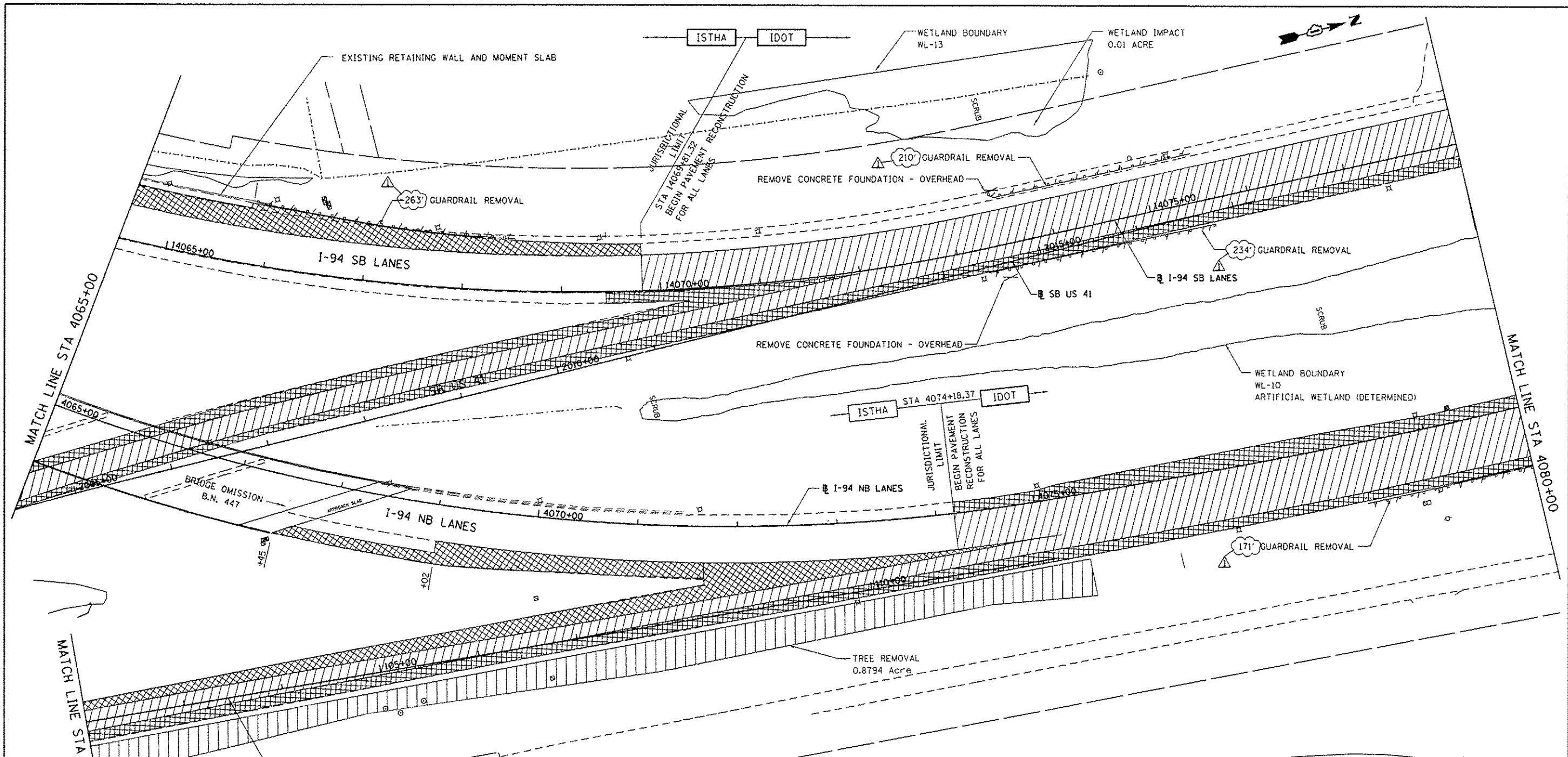
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REMOVAL PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. 4050+00 TO STA. 4065+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 62
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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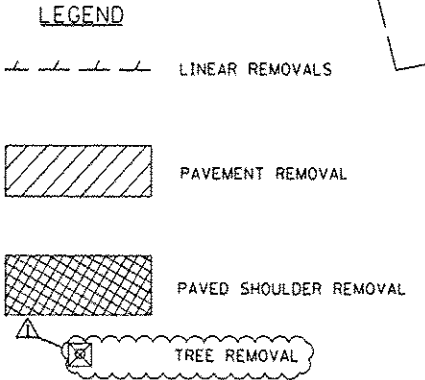


MATCH LINE STA 4065+00

MATCH LINE STA 4080+00

MATCH LINE STA 102+00

MATCH LINE STA 102+00



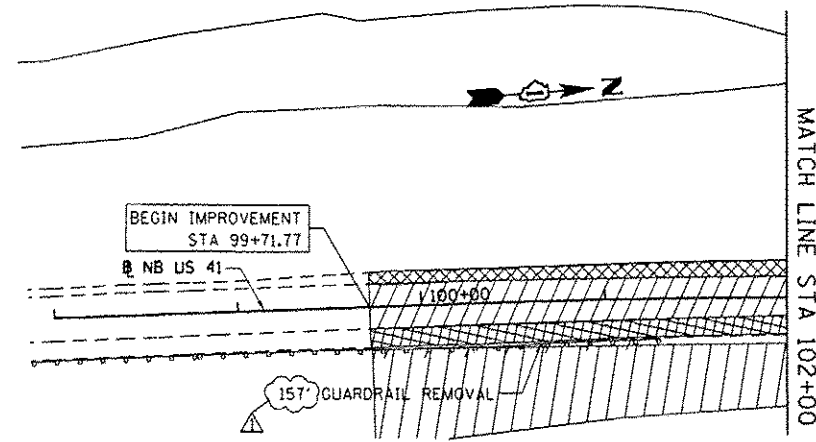
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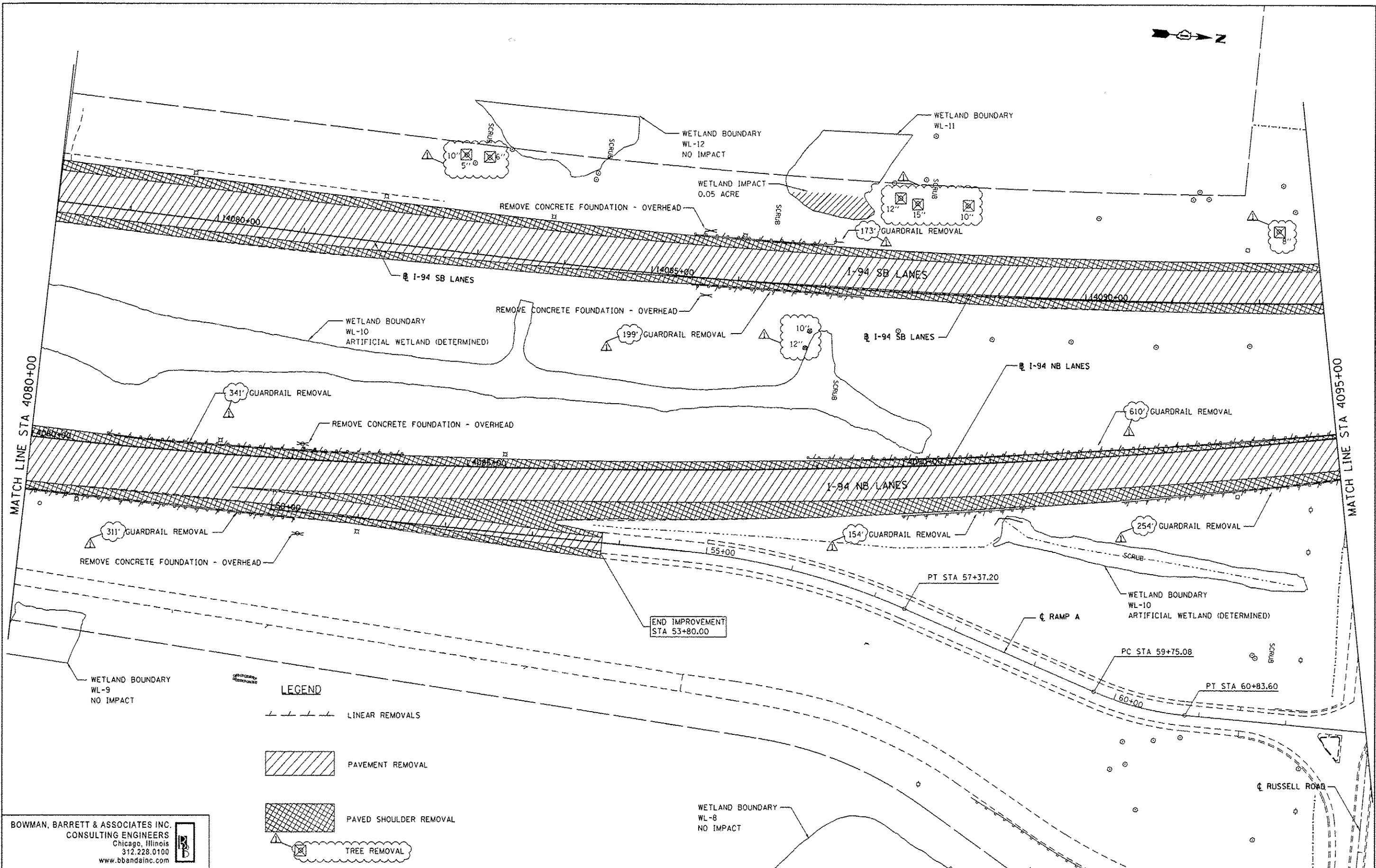
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'	SHEET NO. 8 OF 15 SHEETS	STA. 4065+00 TO STA. 4080+00
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F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 63
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	



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LEGEND

- LINEAR REMOVALS
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- TREE REMOVAL

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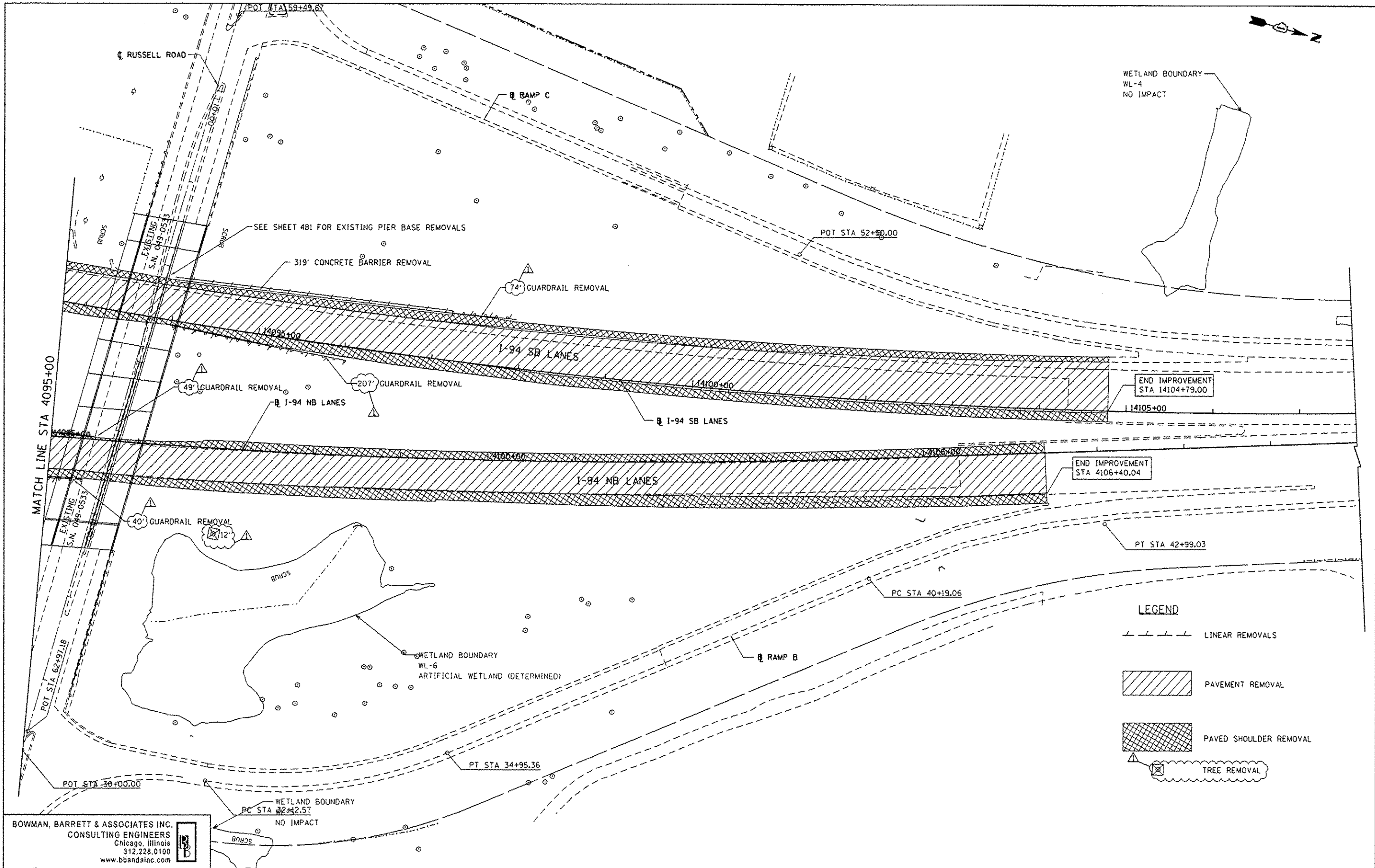
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN NB I-94 AND SB I-94

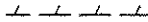
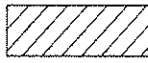


SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. 4080+00 TO STA. 4095+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	64
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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LEGEND

-  LINEAR REMOVALS
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL

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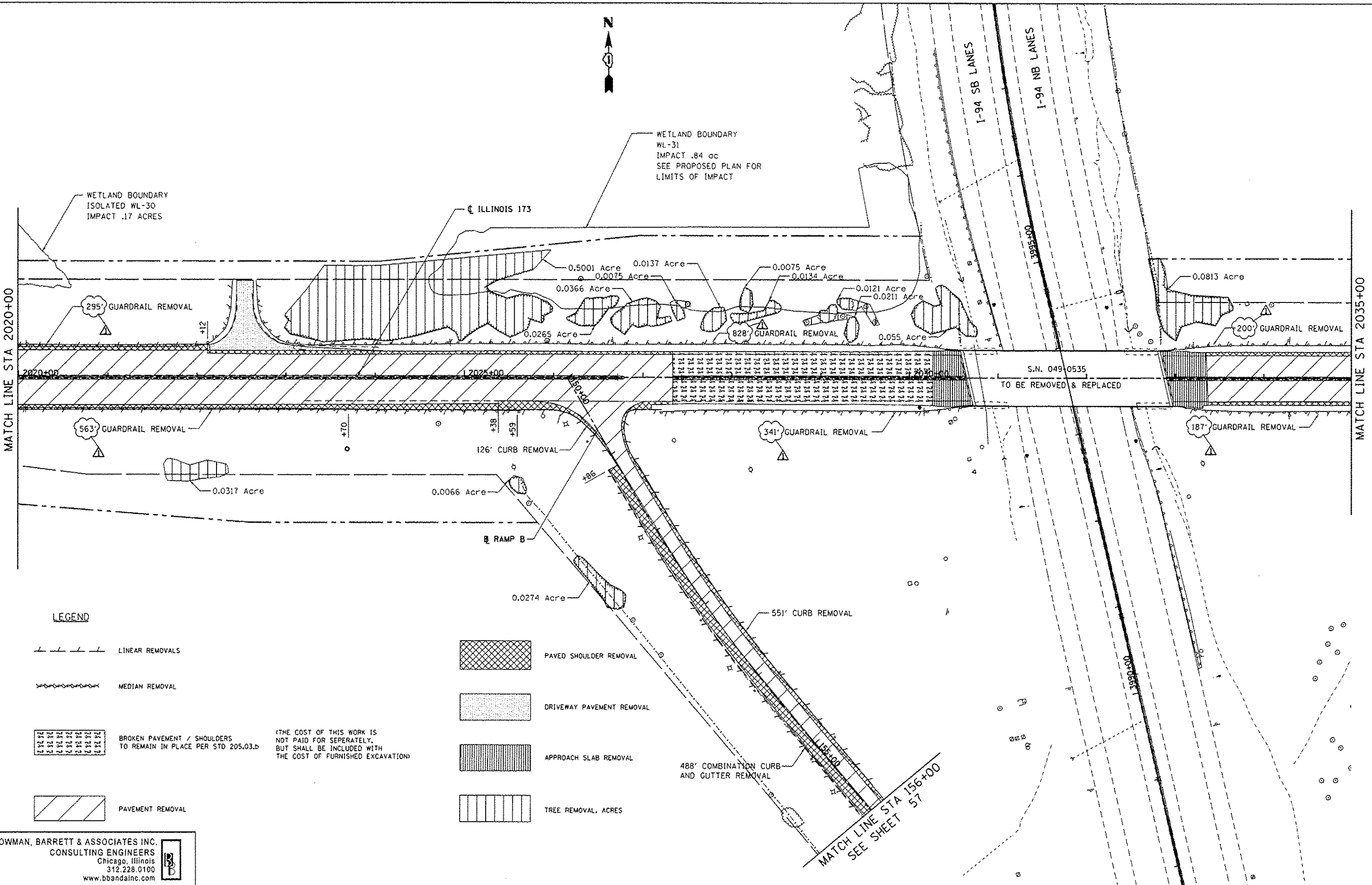
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 10 OF 15 SHEETS STA. 4095+00 TO STA. 4110+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 65
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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LEGEND

- LINEAR REMOVALS
- MEDIAN REMOVAL
- BROKEN PAVEMENT / SHOULDERS TO REMAIN IN PLACE PER STD 205.03.D
- PAVEMENT REMOVAL

(THE COST OF THIS WORK IS NOT PAID FOR SEPERATELY, BUT SHALL BE INCLUDED WITH THE COST OF FURNISHED EXCAVATION)

- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- APPROACH SLAB REMOVAL
- TREE REMOVAL, ACRES

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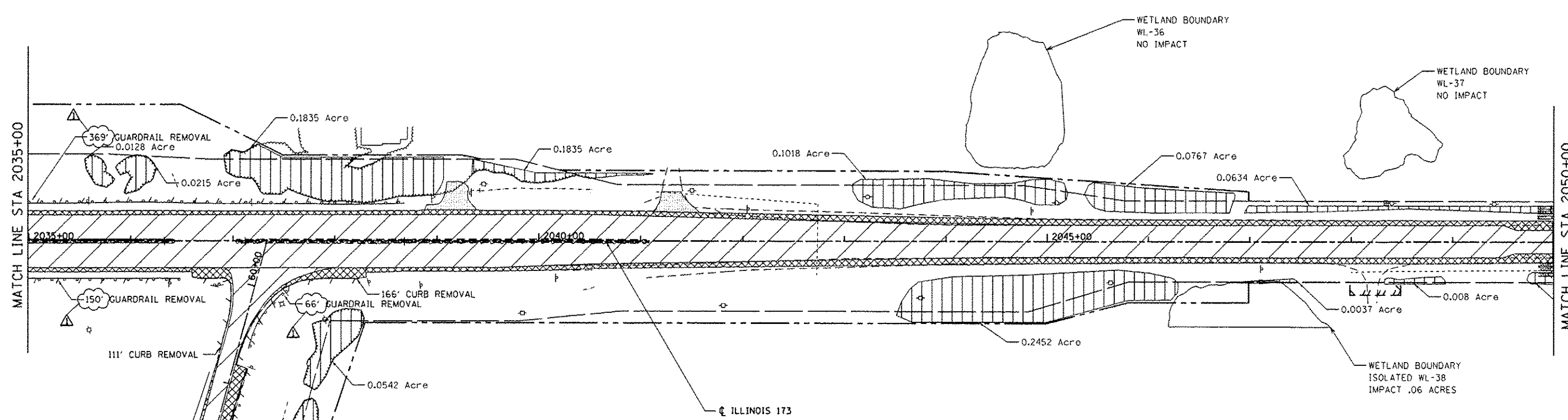
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN IL RTE 173

SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. 2020+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	67
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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LEGEND

- LINEAR REMOVALS
- MEDIAN REMOVAL
- BROKEN PAVEMENT / SHOULDERS TO REMAIN IN PLACE PER STD 205.03.D
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- APPROACH SLAB REMOVAL
- TREE REMOVAL, ACRES

(THE COST OF THIS WORK IS NOT PAID FOR SEPERATELY, BUT SHALL BE INCLUDED WITH THE COST OF FURNISHED EXCAVATION)

MATCH LINE STA 56+00
SEE SHEET 57

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

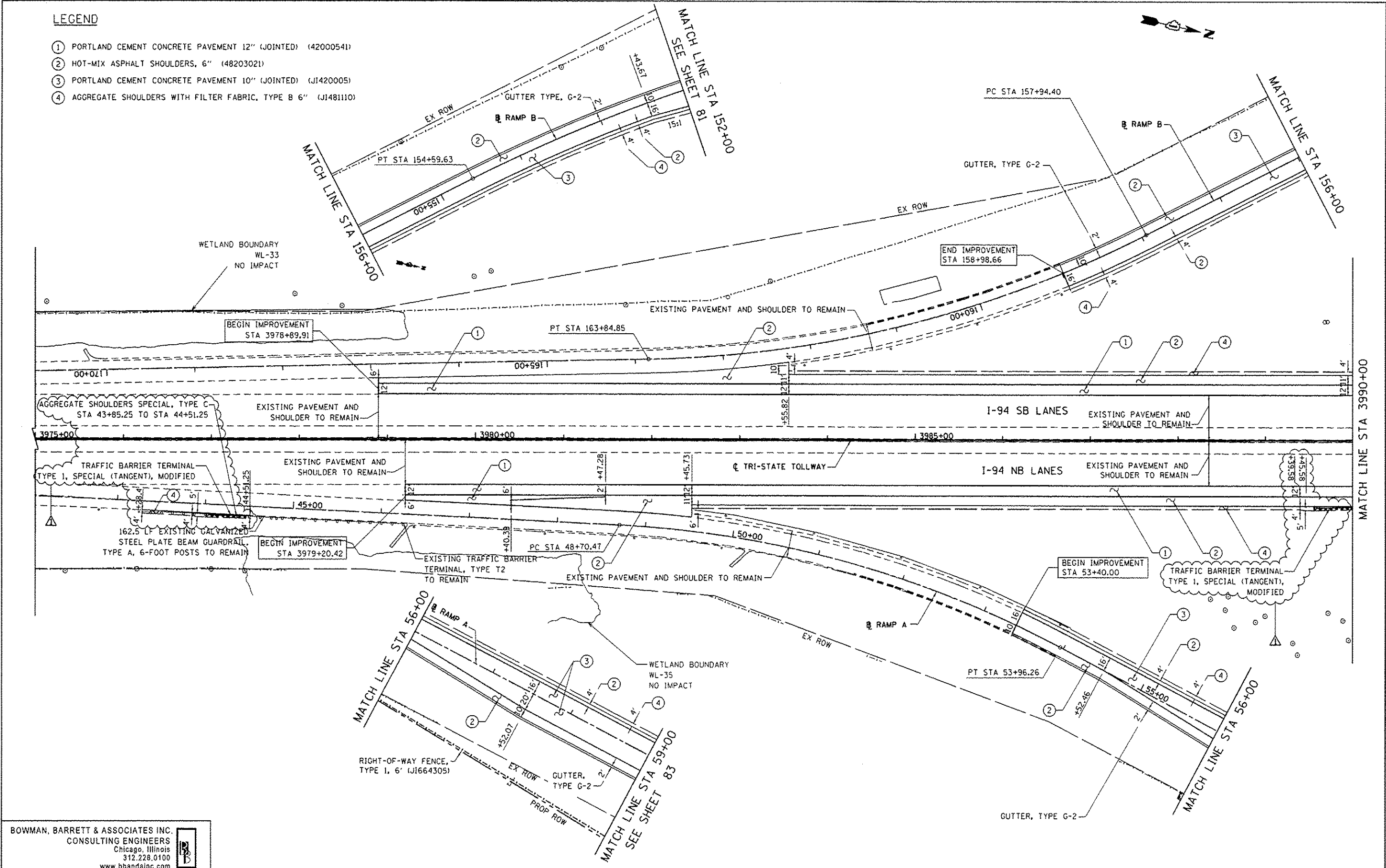
REMOVAL PLAN IL RTE 173
SCALE: 1"=50' SHEET NO. 14 OF 15 SHEETS STA. 2035+00 TO STA. 2050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	68
				CONTRACT NO. 60L77
ILLINOIS FED. AID PROJECT				

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)



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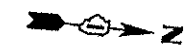
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 1 OF 9 SHEETS STA. 3975+00 TO STA. 3990+00

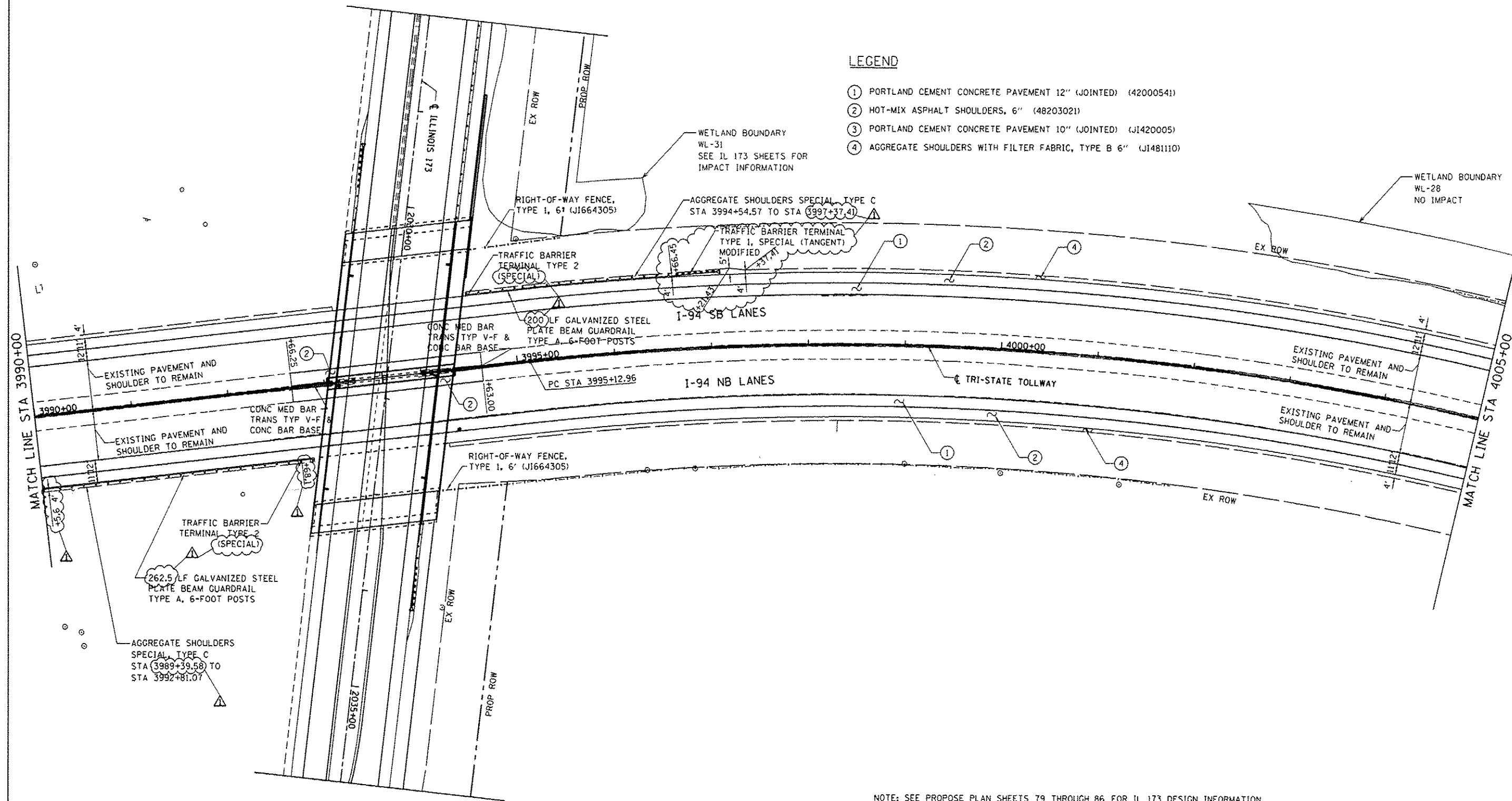
F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 70
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)



NOTE: SEE PROPOSE PLAN SHEETS 79 THROUGH 86 FOR IL 173 DESIGN INFORMATION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 2 OF 9 SHEETS STA. 3990+00 TO STA. 4005+00

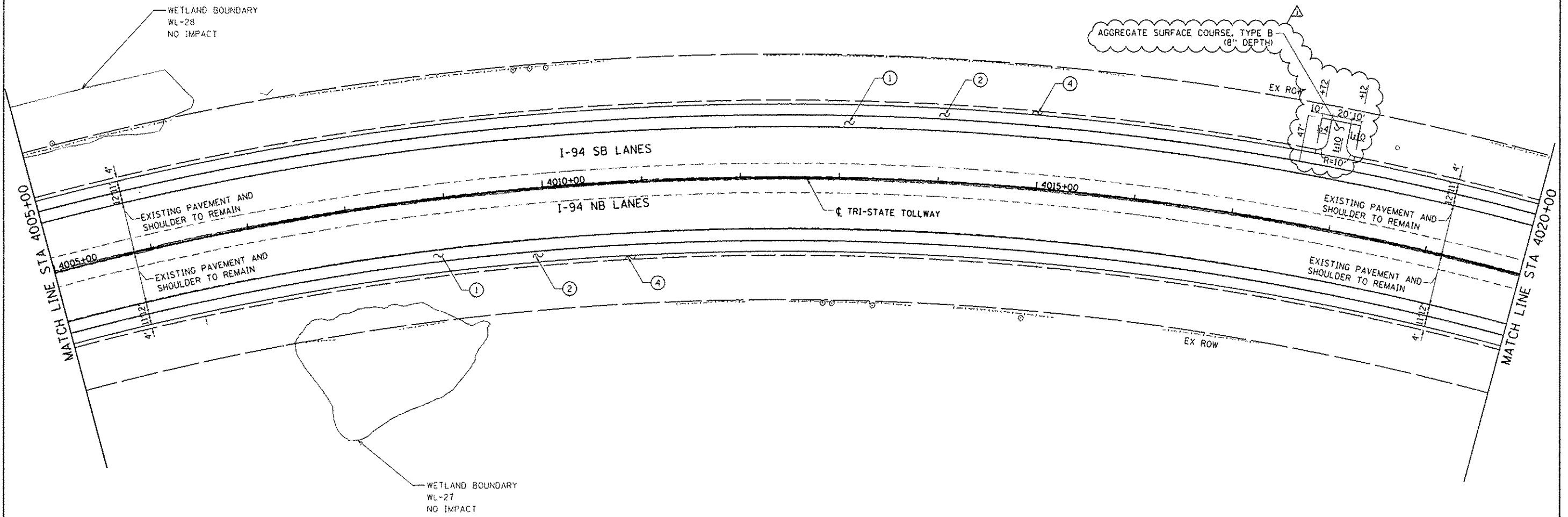
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	71
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN NB I-94 AND SB I-94	
SCALE: 1"=50'	SHEET NO. 3 OF 9 SHEETS
STA. 4005+00 TO STA. 4020+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

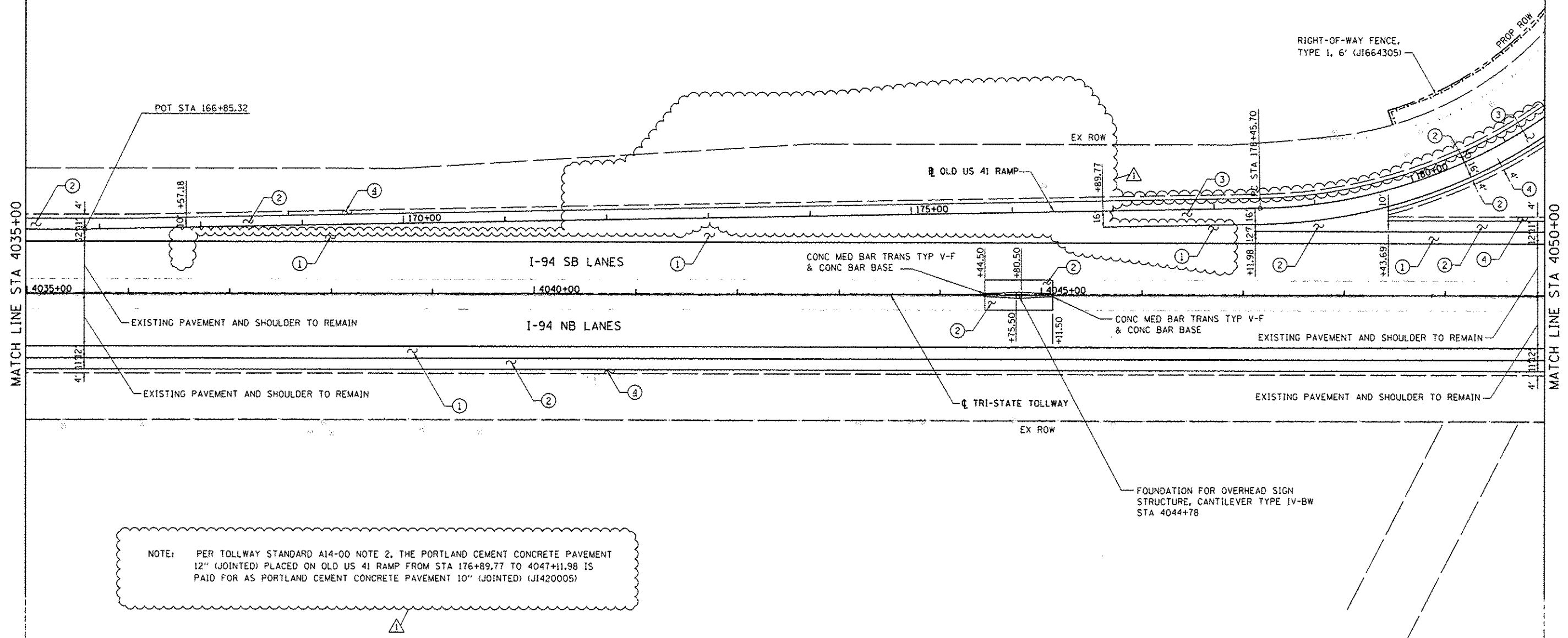
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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)

IN TOLLWAY SECTION, SEE TOLLWAY STANDARDS:

- GUARDRAIL INSTALLATION, SEE STANDARD C1
- TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT, SEE STANDARD C6
- TRAFFIC BARRIER TERMINAL, TYPE T2, SEE STANDARD C7
- TRAFFIC BARRIER TERMINAL, TYPE T5, SEE STANDARD C8
- TRAFFIC BARRIER TERMINAL, TYPE T6B, SEE STANDARD C10
- TRAFFIC BARRIER TERMINAL, TYPE T10, SEE STANDARD C11



NOTE: PER TOLLWAY STANDARD A14-00 NOTE 2, THE PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) PLACED ON OLD US 41 RAMP FROM STA 176+89.77 TO 4047+11.98 IS PAID FOR AS PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)

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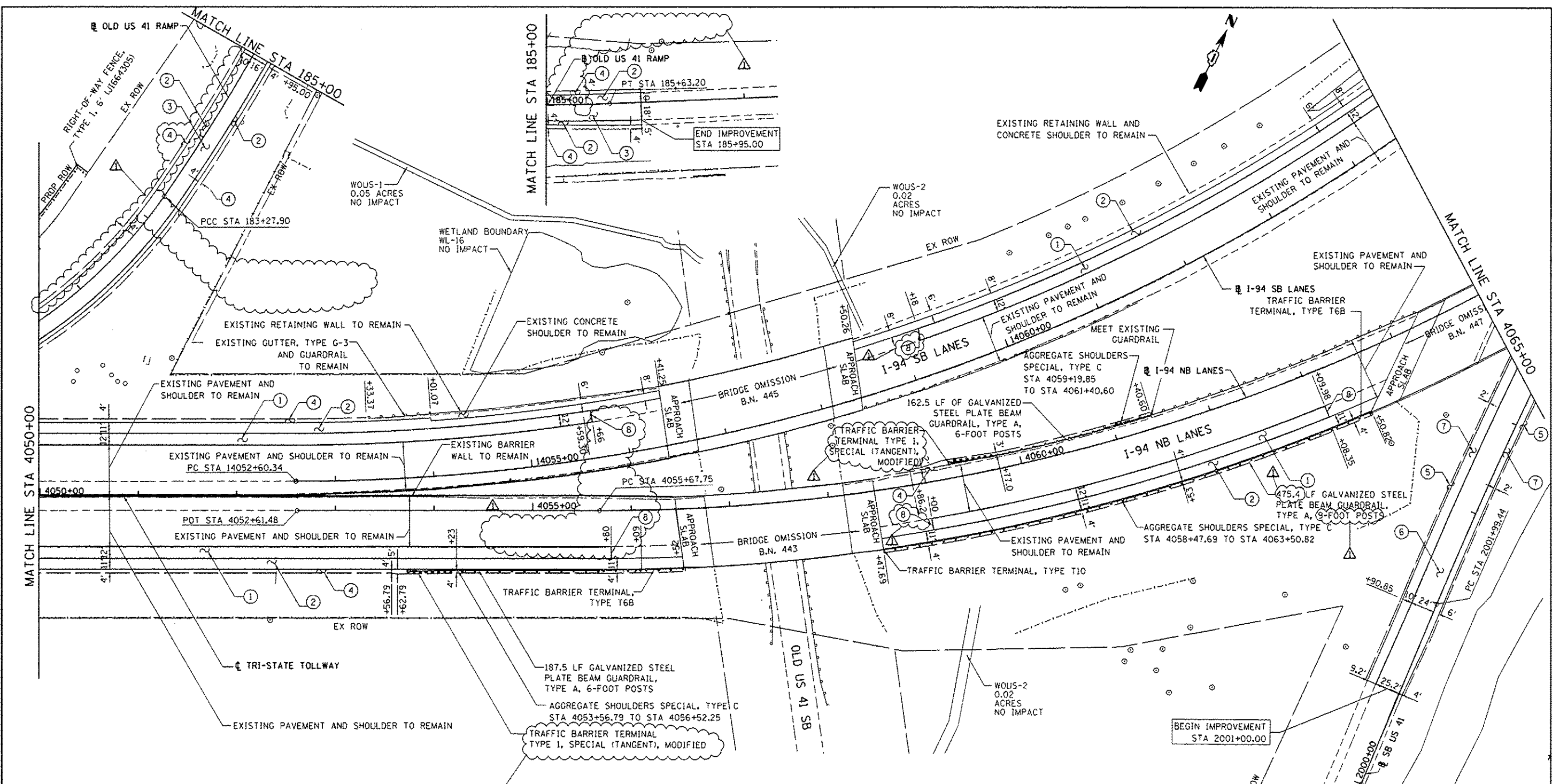
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN NB I-94 AND SB I-94
SCALE: 1"=50'
SHEET NO. 5 OF 9 SHEETS
STA. 4035+00 TO STA. 4050+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 74
CONTRACT NO. 60L177			[ILLINOIS] FED. AID PROJECT	

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
- ⑤ AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) (42000506)
- ⑦ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4" (48300505)
- ⑧ BONDED PREFORMED JOINT SEAL, 2 IN (JT525125)

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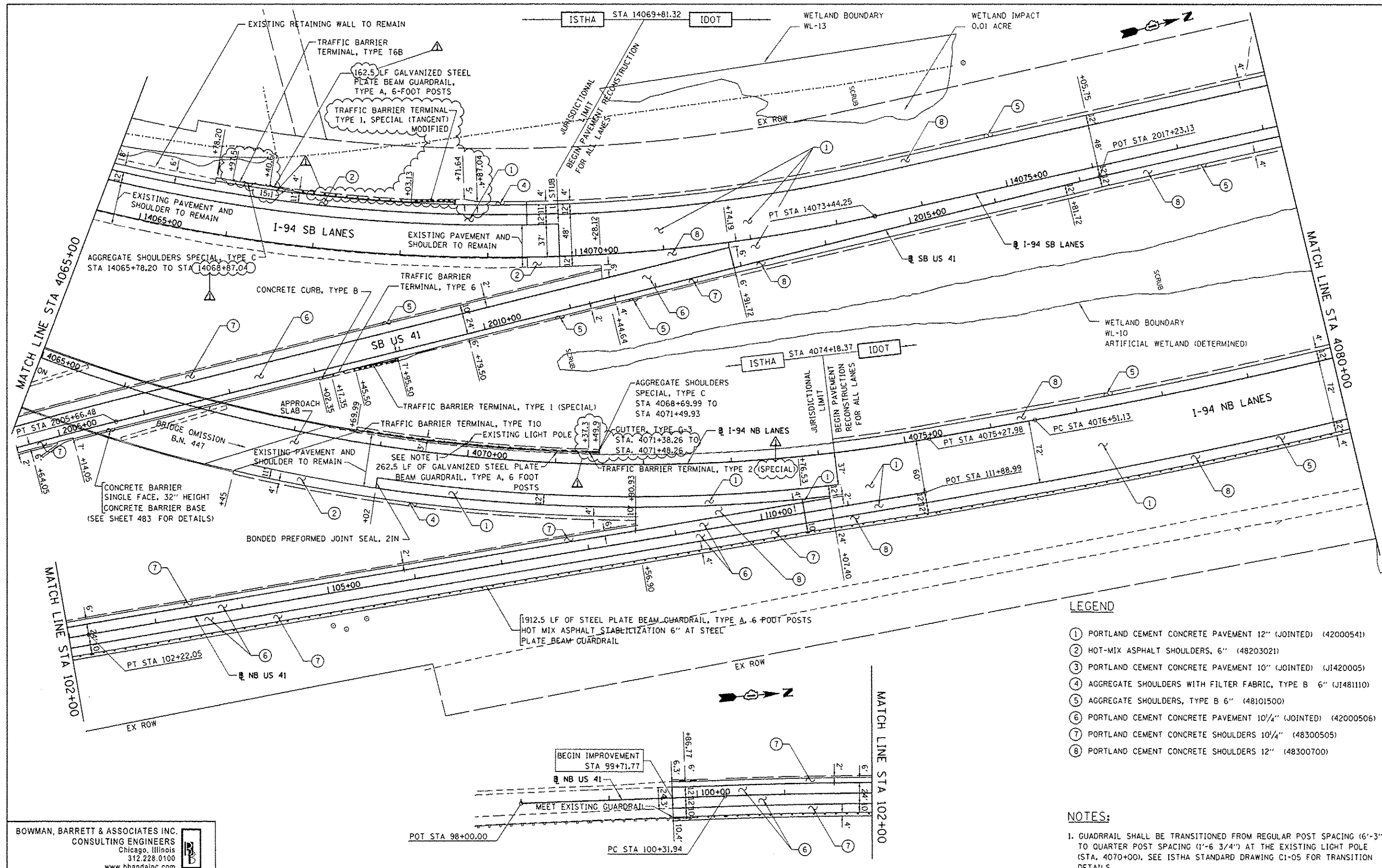
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 6 OF 9 SHEETS STA. 4050+00 TO STA. 4065+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	75
CONTRACT NO. 60L77			ILLINOIS FEB. AID PROJECT	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 7 OF 9 SHEETS STA. 4065+00 TO STA. 4080+00

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	76
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
 - (2) HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
 - (3) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
 - (4) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
 - (5) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
 - (6) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) (42000506)
 - (7) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4" (48300505)
 - (8) PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)

NOTES:

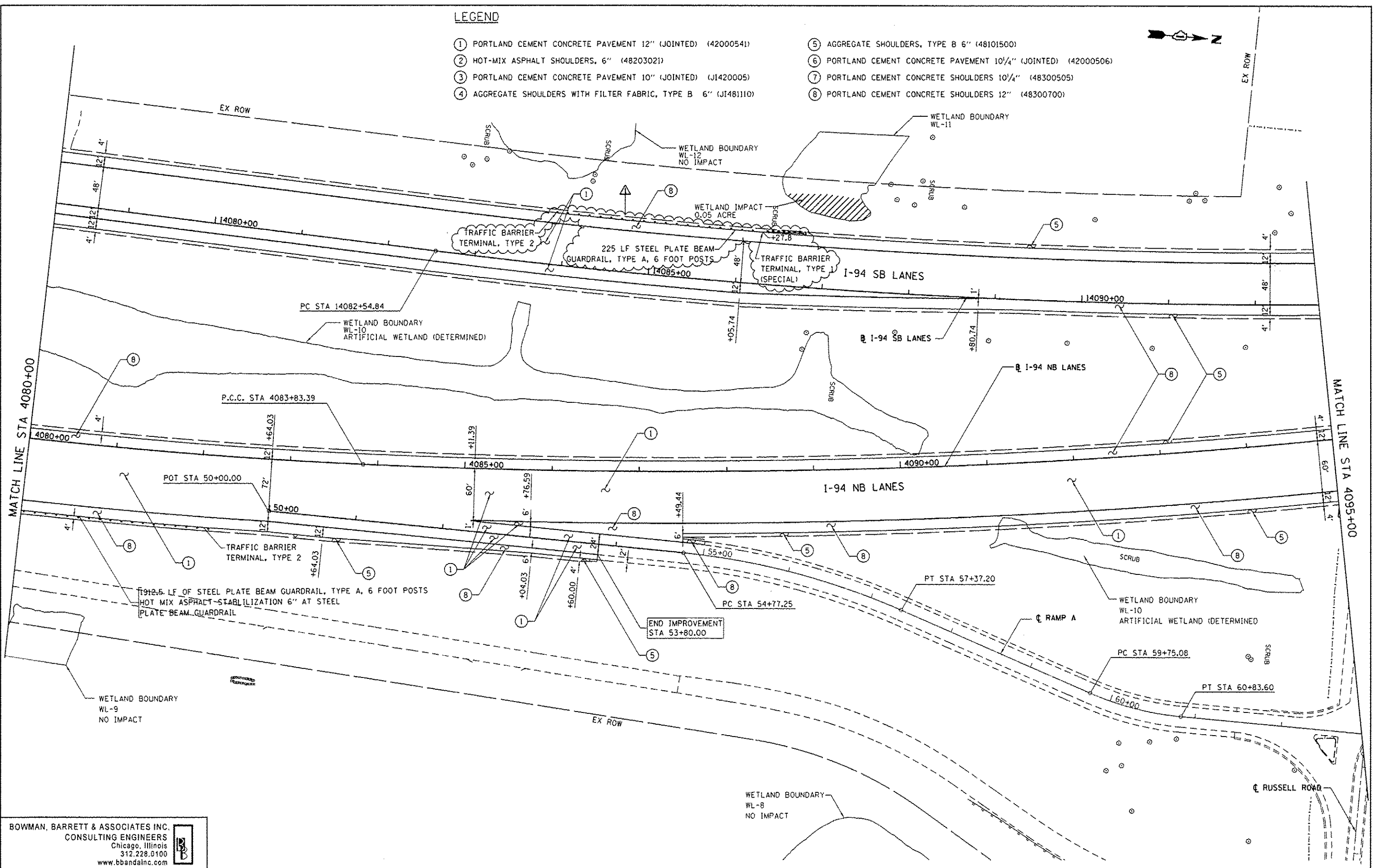
1. GUARDRAIL SHALL BE TRANSITIONED FROM REGULAR POST SPACING (6'-3") TO QUARTER POST SPACING (1'-6 3/4") AT THE EXISTING LIGHT POLE (STA. 4070+00). SEE ISTHA STANDARD DRAWING C1-05 FOR TRANSITION DETAILS.

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)

- ⑤ AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) (42000506)
- ⑦ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4" (48300505)
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN NB I-94 AND SB I-94

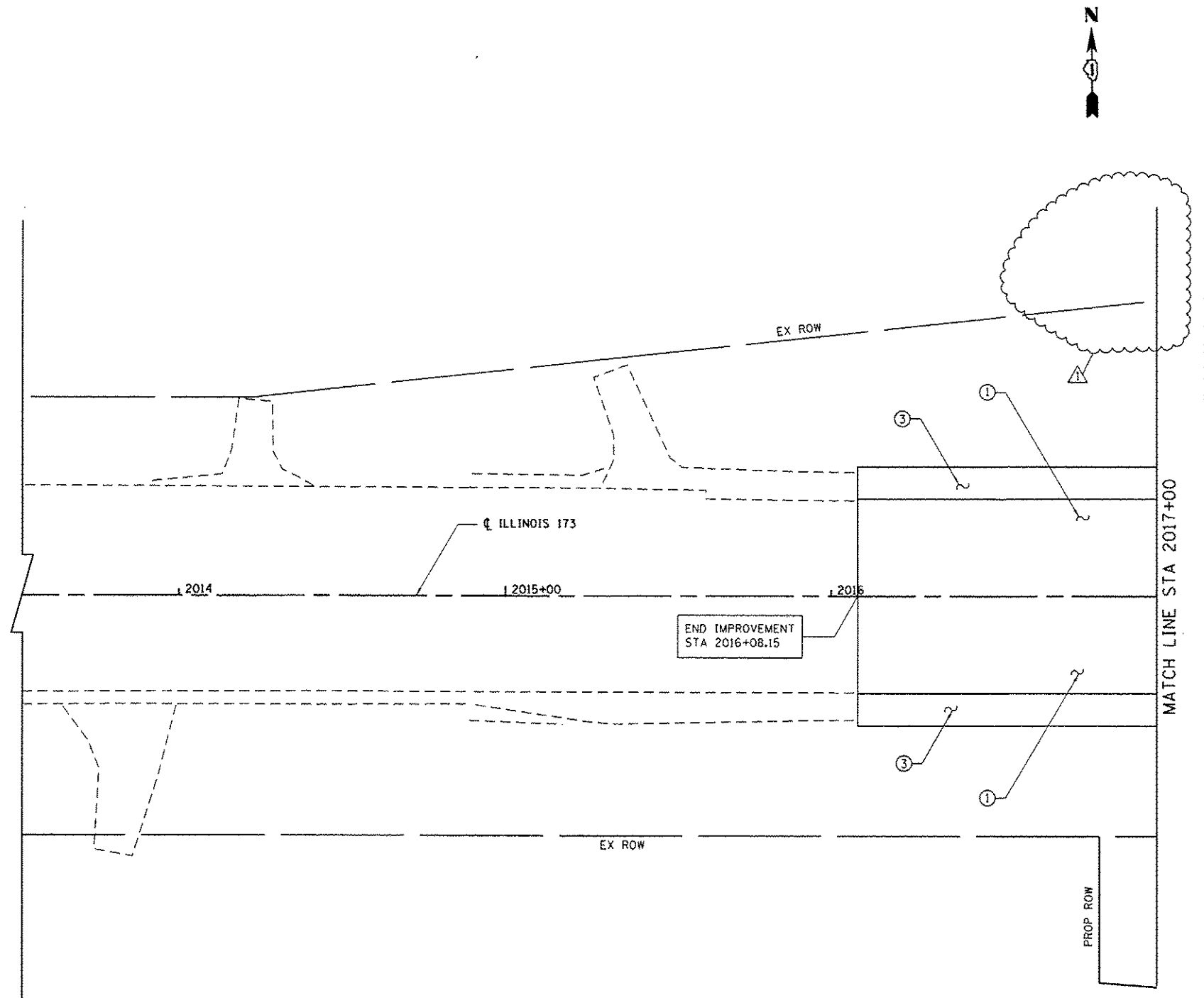
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	77
CONTRACT NO. 60L77			[ILLINOIS] FED. AID PROJECT	

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LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- ② PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ③ PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (48300410)
- ④ HOT-MIX ASPHALT SHOULDERS (6 IN.) (48203021)
- ⑤ NOT USED
- ⑥ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
- ⑦ GUTTER, TYPE C-2 (J1606010)
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (X6063600)
- ⑩ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- ⑪ CORRUGATED MEDIAN (60624600)
- ⑫ CONCRETE MEDIAN SURFACE, 6 INCH (60618320)
- ⑬ NOT USED
- ⑭ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)
- ⑮ [HOT MIX ASPHALT BASE COURSE, 6" (35501308)
HOT MIX ASPHALT SURFACE COURSE, MIX "D", NS0, (2") (40603335)]
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- ⑰ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (63100167)
- ⑱ TRAFFIC BARRIER TERMINAL, TYPE 2 (63100045)
- ⑲ TRAFFIC BARRIER TERMINAL, TYPE 5 (63100070)
- ⑳ TRAFFIC BARRIER TERMINAL, TYPE 6 (63100085)
- ㉑ [SEEDING, CLASS 2A (25000210)
TOPSOIL FURNISH AND PLACE, 24" (21101685)]
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- ㉓ COMBINATION CONCRETE CURB AND GUTTER OUTLET, (SPECIAL) (X6060160)
- ㉔ CONCRETE GUTTER, TYPE B (60602800)
- ㉕ CONCRETE CURB, TYPE B (60600605)
- ㉖ [AGGREGATE BASE COURSE, TYPE B, 6", (35101500)
HOT MIX ASPHALT SURFACE COURSE, MIX "D", NS0, (3") (40603335)]



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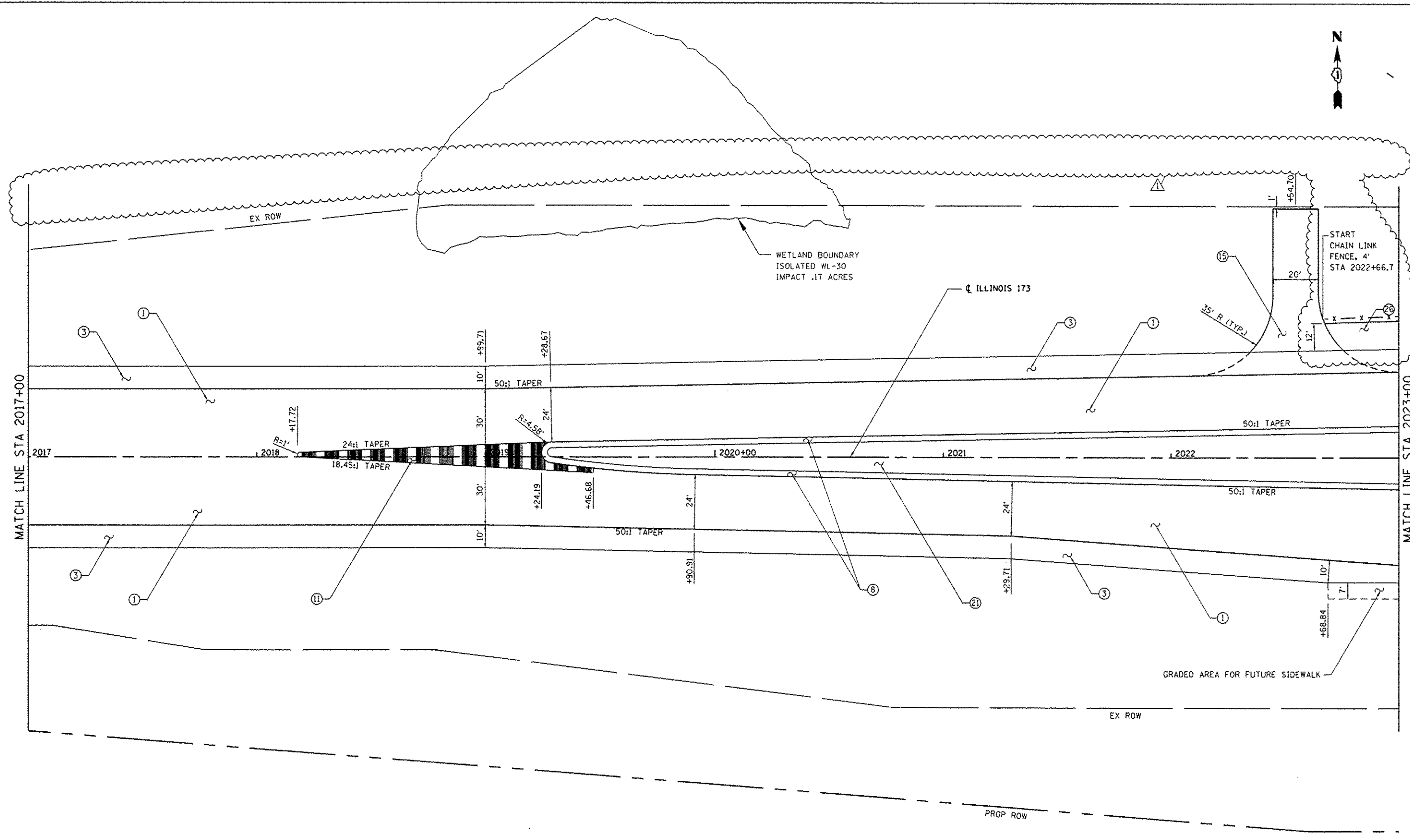
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	PLOT DATE = 7/24/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN IL RTE 173
SCALE: 1"=20' SHEET NO. 1 OF 8 SHEETS STA. 2013+50 TO STA. 2017+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	79
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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SEE SHEET 79 FOR LEGEND

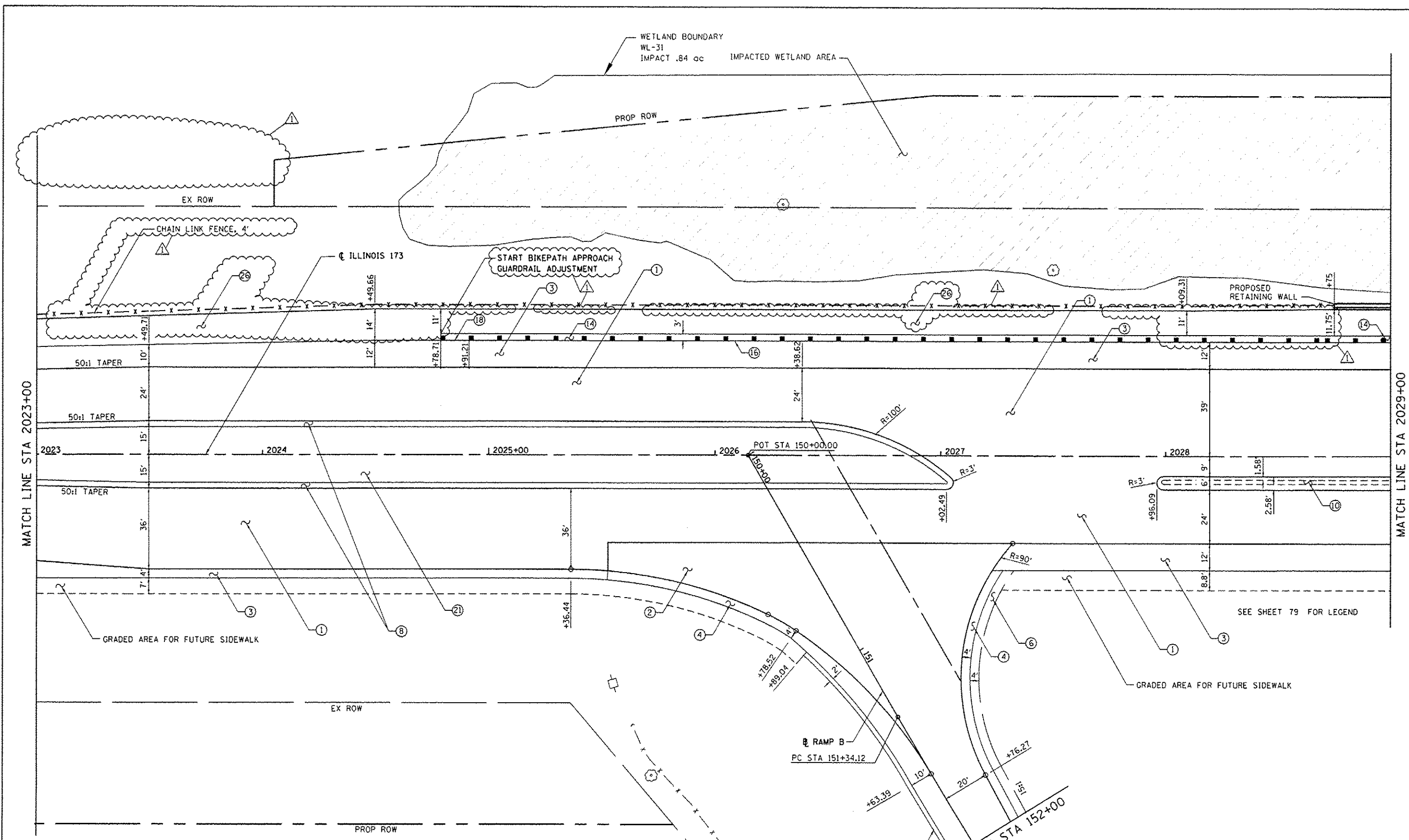
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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN IL RTE 173
 SCALE: 1"=20' SHEET NO. 2 OF 8 SHEETS STA. 2017+00 TO STA. 2023+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	80
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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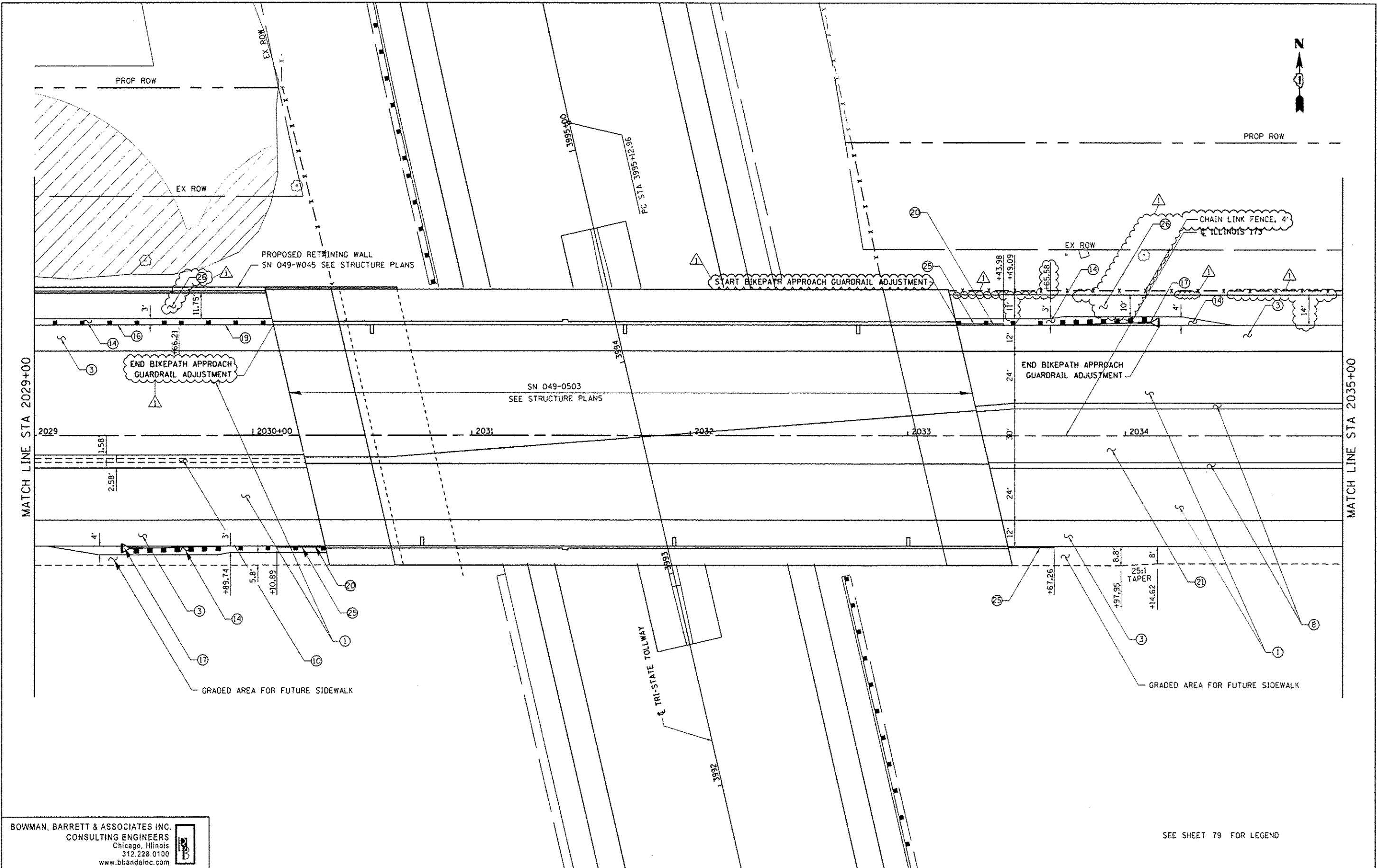
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN IL RTE 173

SCALE: 1"=20' SHEET NO. 3 OF 8 SHEETS STA. 2023+00 TO STA. 2029+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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SEE SHEET 79 FOR LEGEND

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	PLOT DATE = 7/17/2012	DATE - 6/19/2012	REVISED -

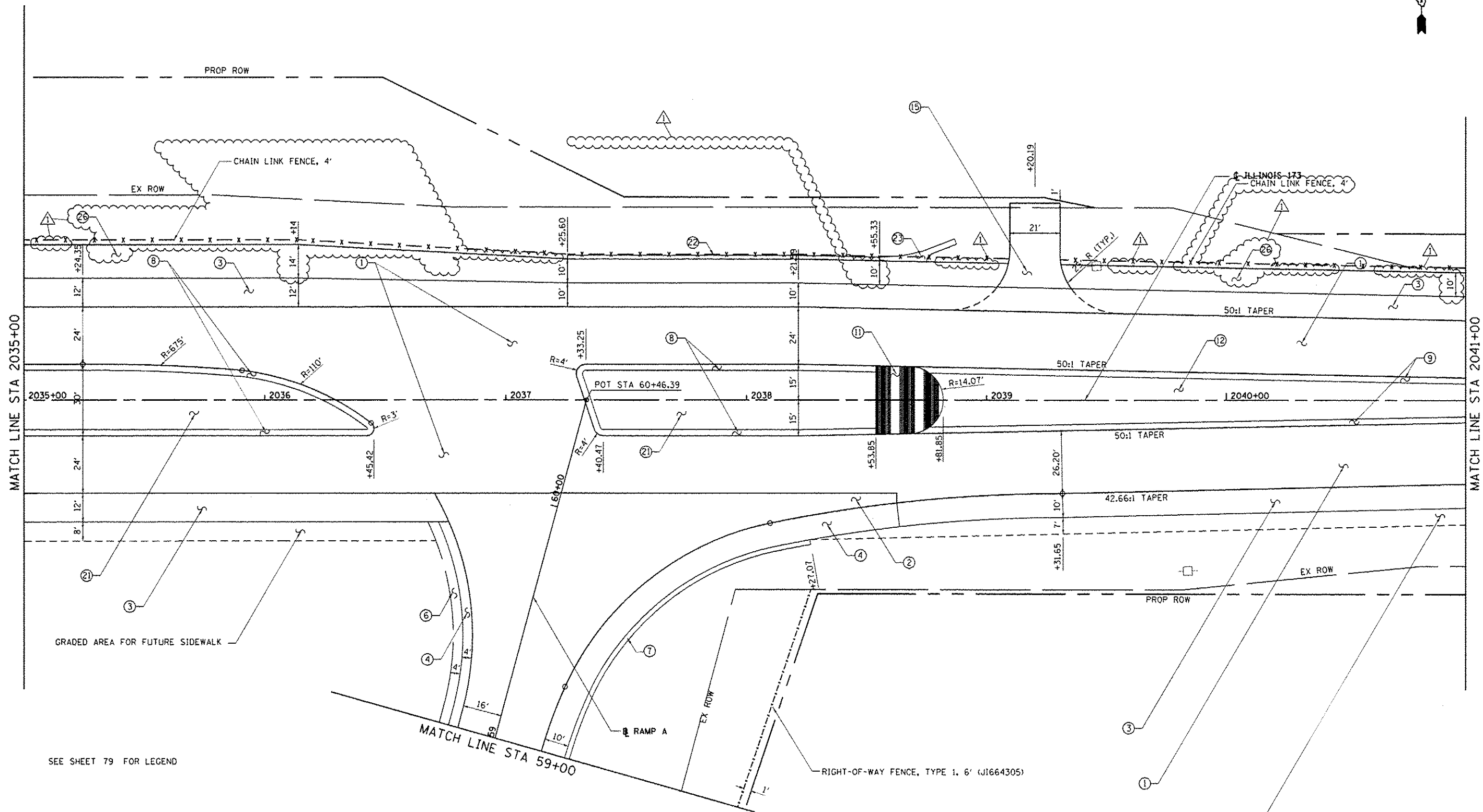
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN IL RTE 173

SCALE: 1"=20' SHEET NO. 4 OF 8 SHEETS STA. 2029+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	82
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 7/17/2012

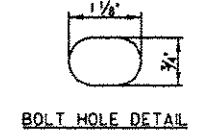
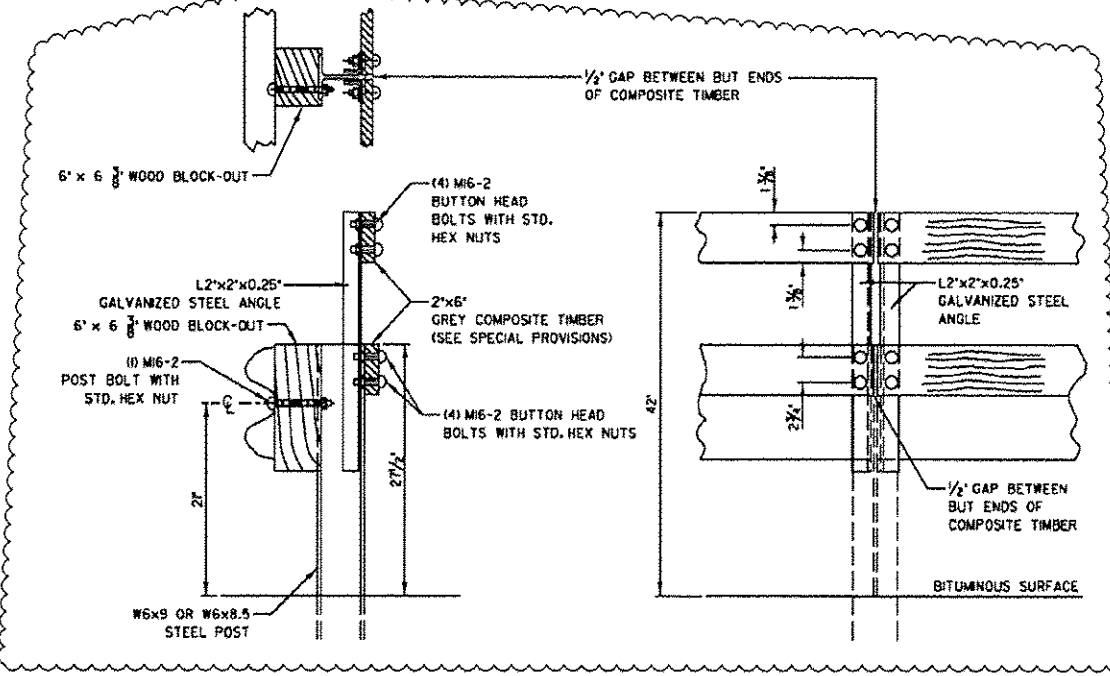
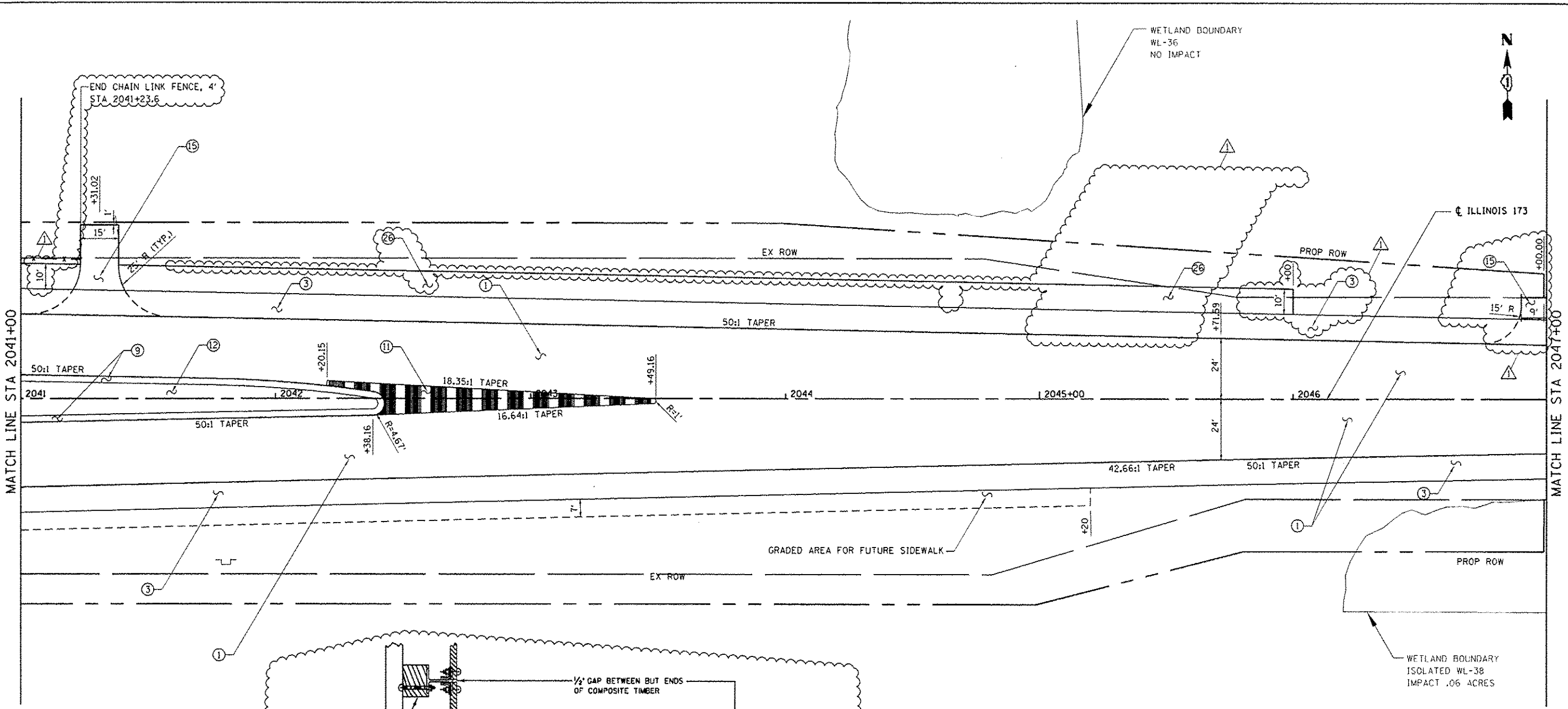
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DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN IL RTE 173
SCALE: 1"=20' SHEET NO. 5 OF 8 SHEETS STA. 2035+00 TO STA. 2041+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	83
				CONTRACT NO. 60L77
[ILLINOIS] FED. AID PROJECT				

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DUE TO EXPANSION AND CONTRACTION OF THE COMPOSITE TIMBER, THE LOCATION OF THE BOLTS WITH RESPECT TO THE SLOTTED BOLT HOLES IN THE COMPOSITE TIMBER WILL BE DEPENDANT ON THE AMBIENT TEMPERATURE AT PLACEMENT. CONSULT THE MANUFACTURER FOR BOLT HOLE LOCATION IN THE COMPOSITE TIMBER AND BOLT LOCATION IN THE SLOTTED BOLT HOLE.

SEE SHEET 79 FOR LEGEND

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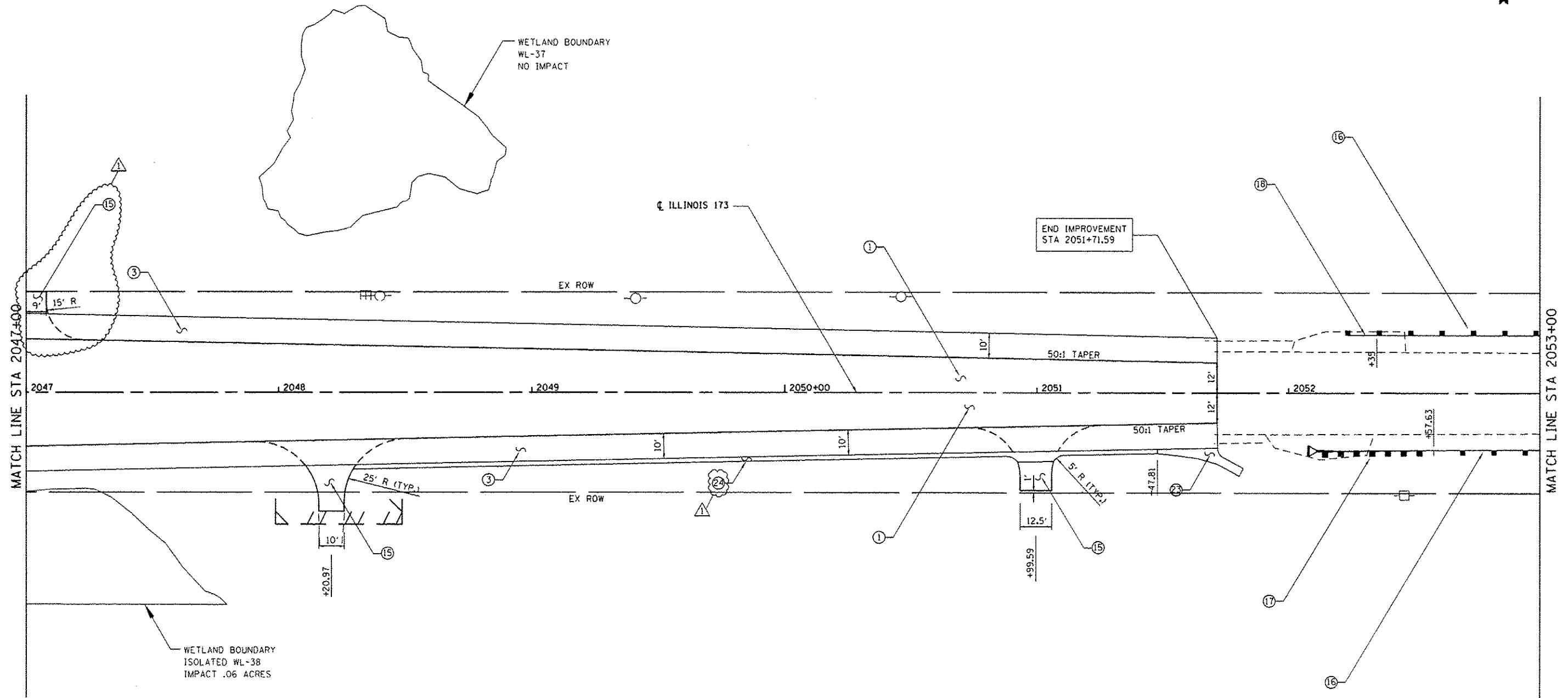
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	PLD DATE = 7/17/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROAD PLAN IL RTE 173
SCALE: 1"=20' SHEET NO. 6 OF 8 SHEETS STA. 2041+00 TO STA. 2047+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	84
CONTRACT NO. 60L77				ILLINOIS FED. AID PROJECT

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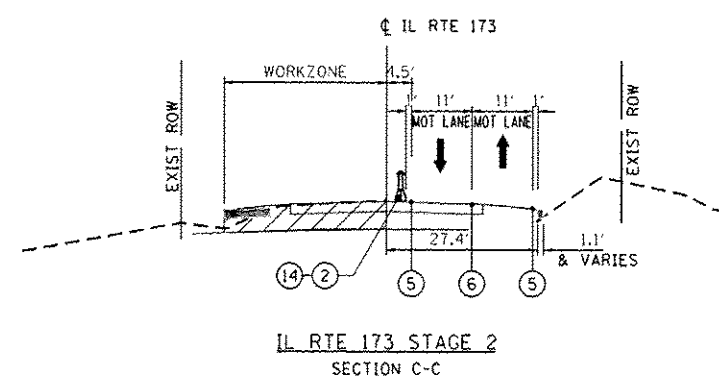
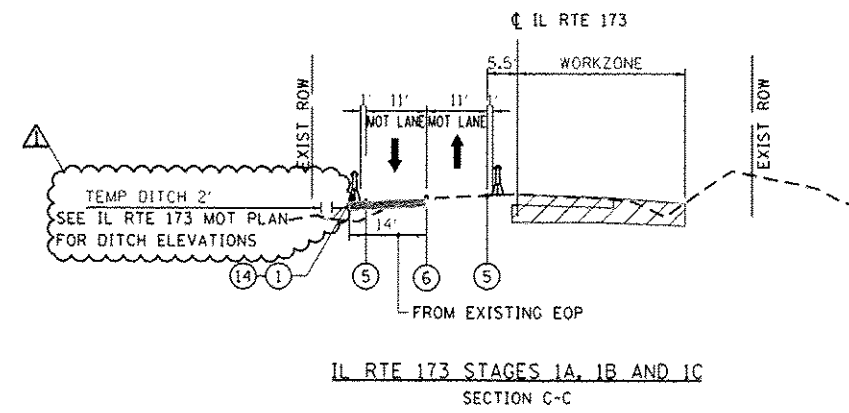
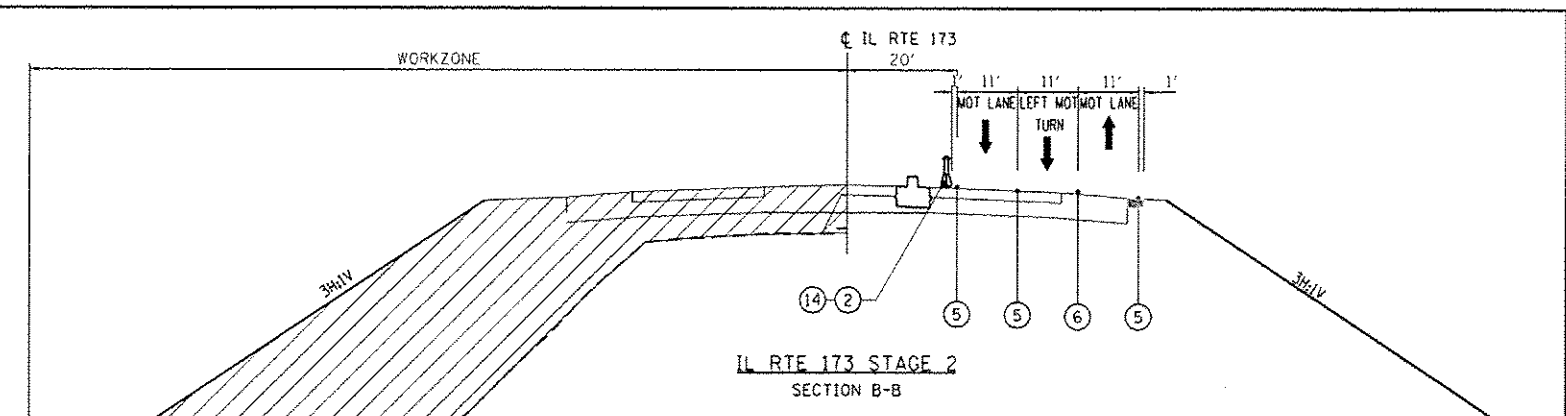
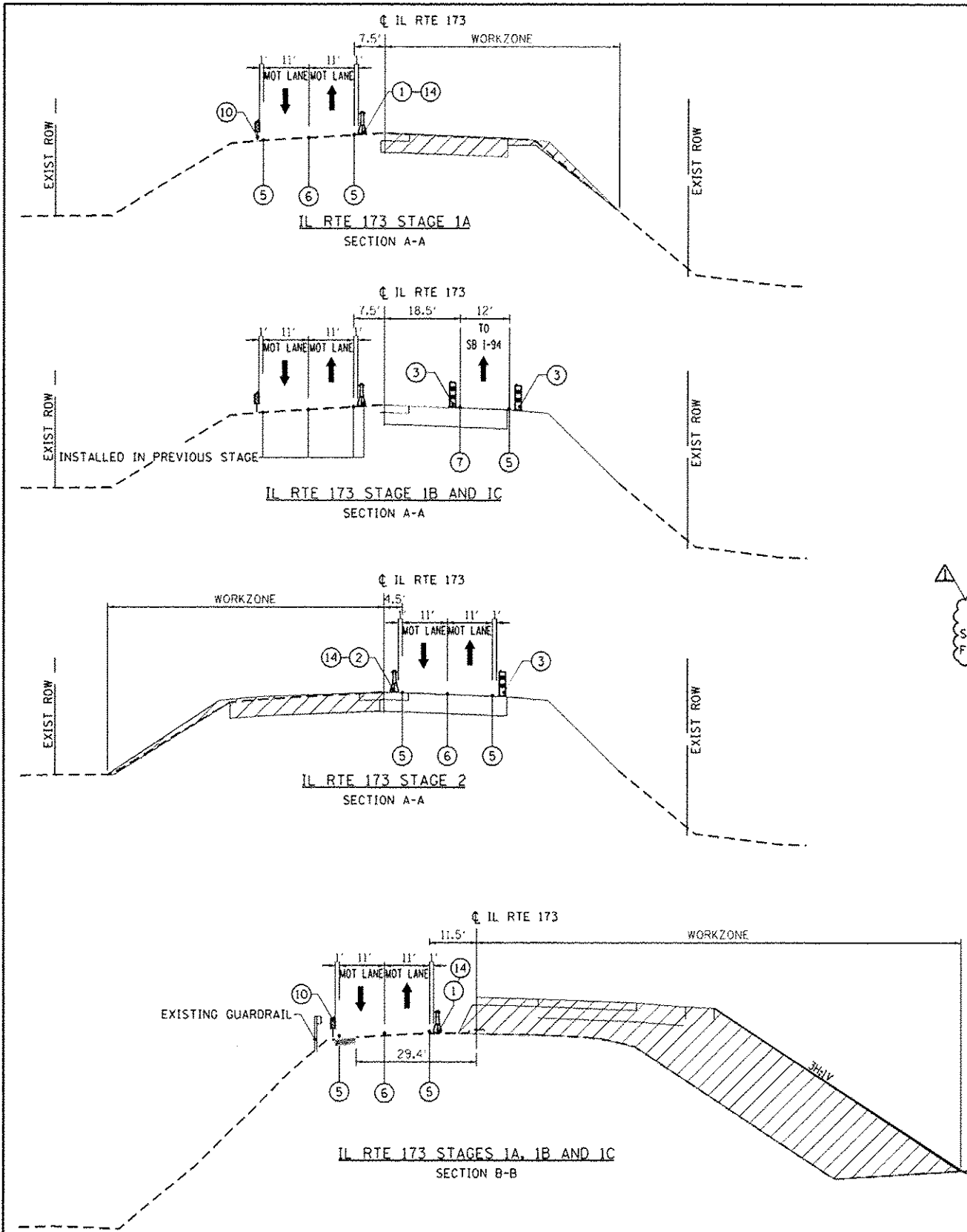
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED ROAD PLAN IL RTE 173

SCALE: 1"=20' SHEET NO. 7 OF 8 SHEETS STA. 2047+00 TO STA. 2053+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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LEGEND

- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ PAVEMENT MARKING REMOVAL
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑦ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑧ WORK ZONE PAVEMENT MARKING REMOVAL
- ⑨ EMBANKMENT
- ⑩ VERTICAL PANELS WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ⑪ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑫ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑬ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑭ TEMPORARY PAVEMENT MARKING-LINE 6"
- ▨ TEMPORARY PAVEMENT
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"
- ⬇ LANE CLOSED TO TRAFFIC

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		DATE - 6/28/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NA		SHEET NO. 7 OF 7 SHEETS		STA. NA TO STA. NA	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	105
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

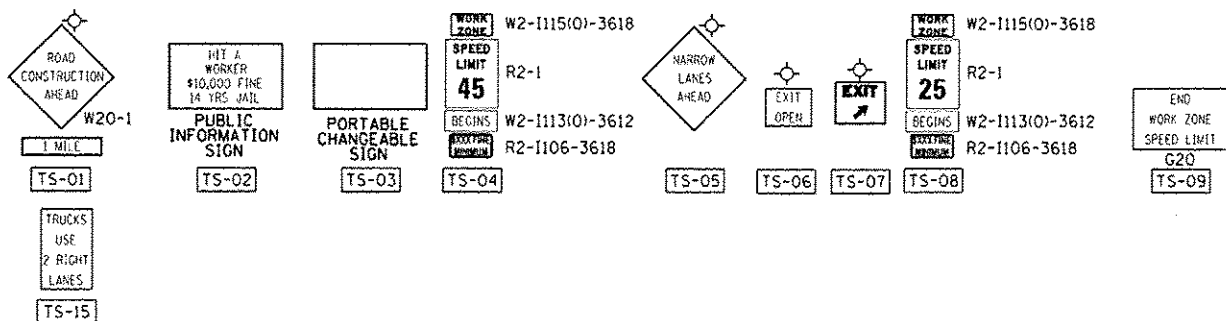
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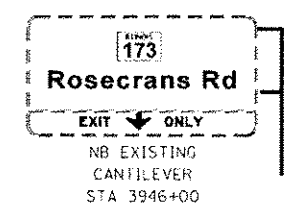
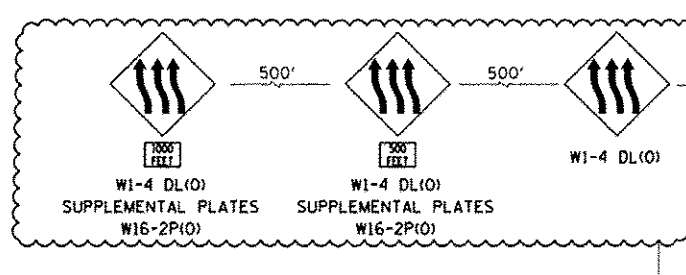
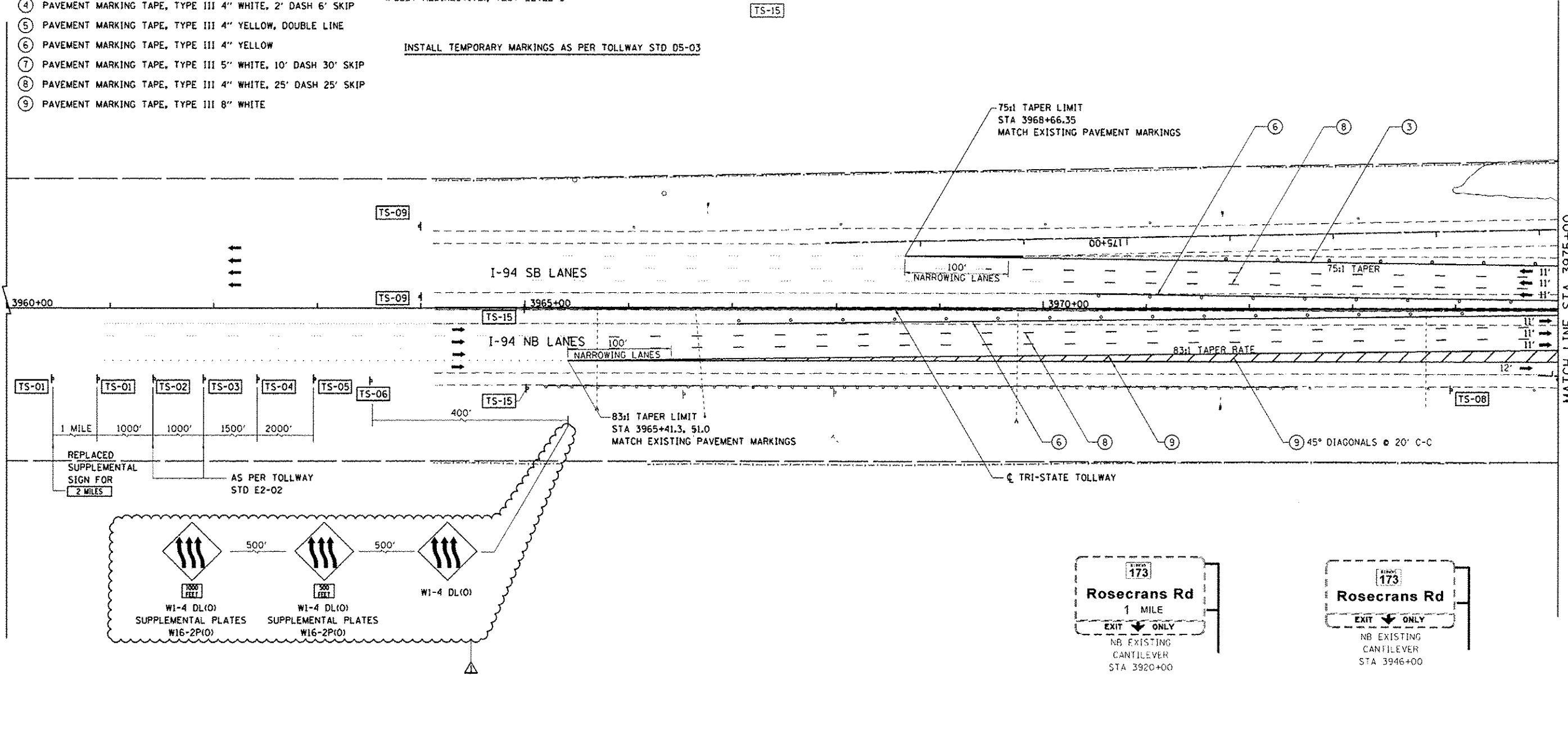
- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⌊ TYPE III BARRICADE
- • DRUMS AT 50°-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE

- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑫ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3

MAINTENANCE OF TRAFFIC SIGNING



INSTALL TEMPORARY MARKINGS AS PER TOLLWAY STD 05-03



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	PLOT SCALE: 1/8"=1'-0"	DRAWN: RA	REVISED: -			SCALE: 1"=50'	SHEET NO. 1 OF 33 SHEETS	STA. 3960+00 TO STA. 3975+00	CONTRACT NO. 60L77			
	PLOT DATE: 7/17/2012	CHECKED: RGR	REVISED: -			ILLINOIS FED. AID PROJECT						
		DATE: 6/19/2012	REVISED: -									

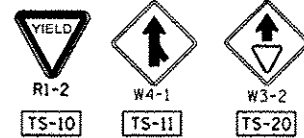
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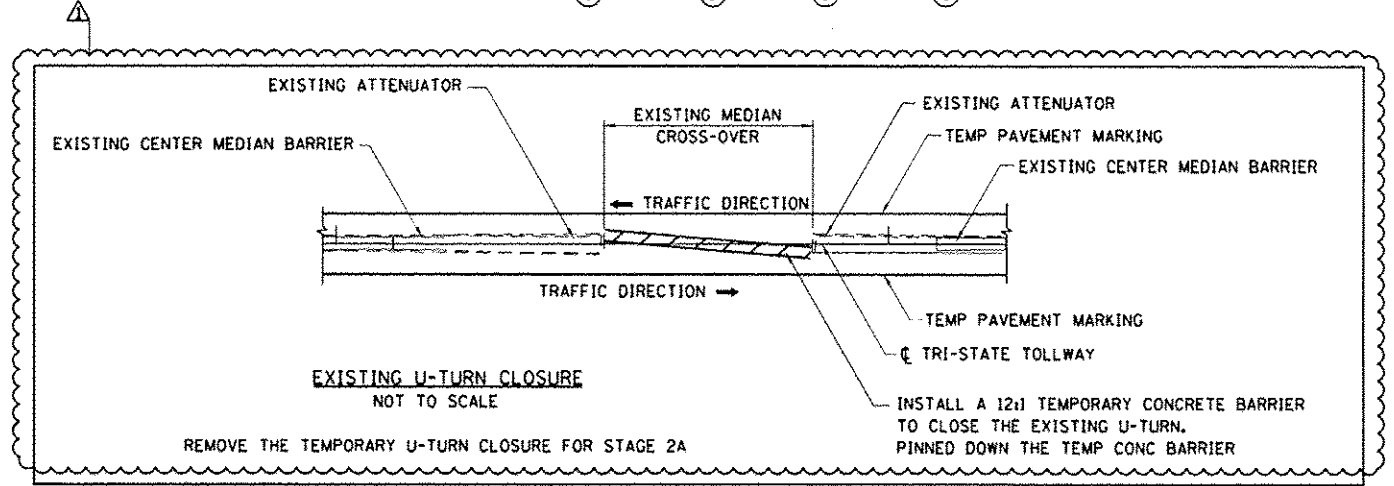
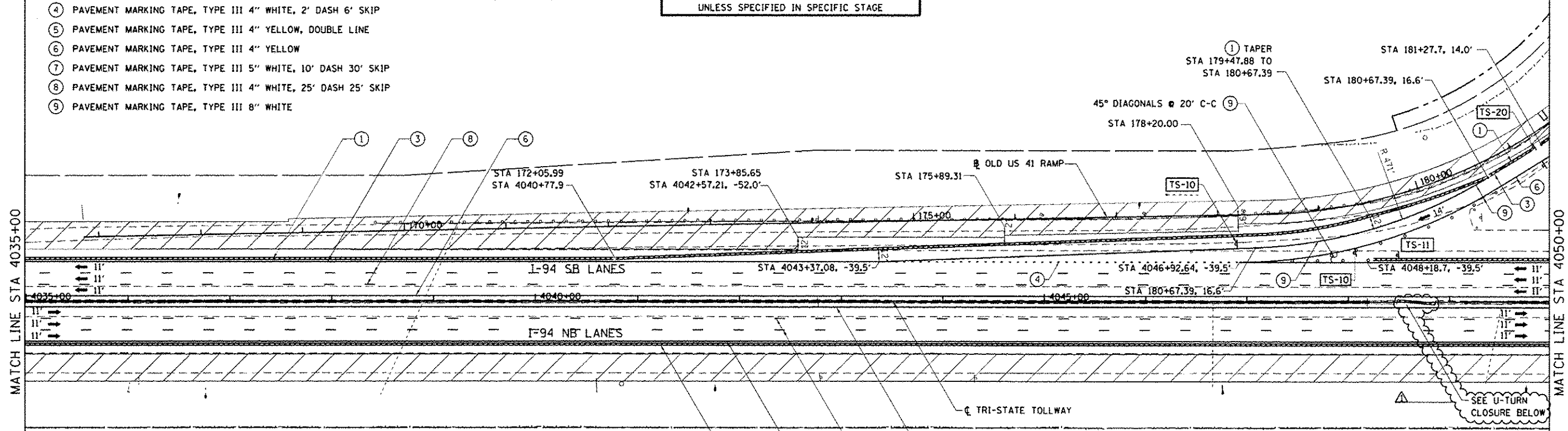
- ← LI LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊔ TYPE III BARRICADE
- • DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE

- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑫ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3

MAINTENANCE OF TRAFFIC SIGNING



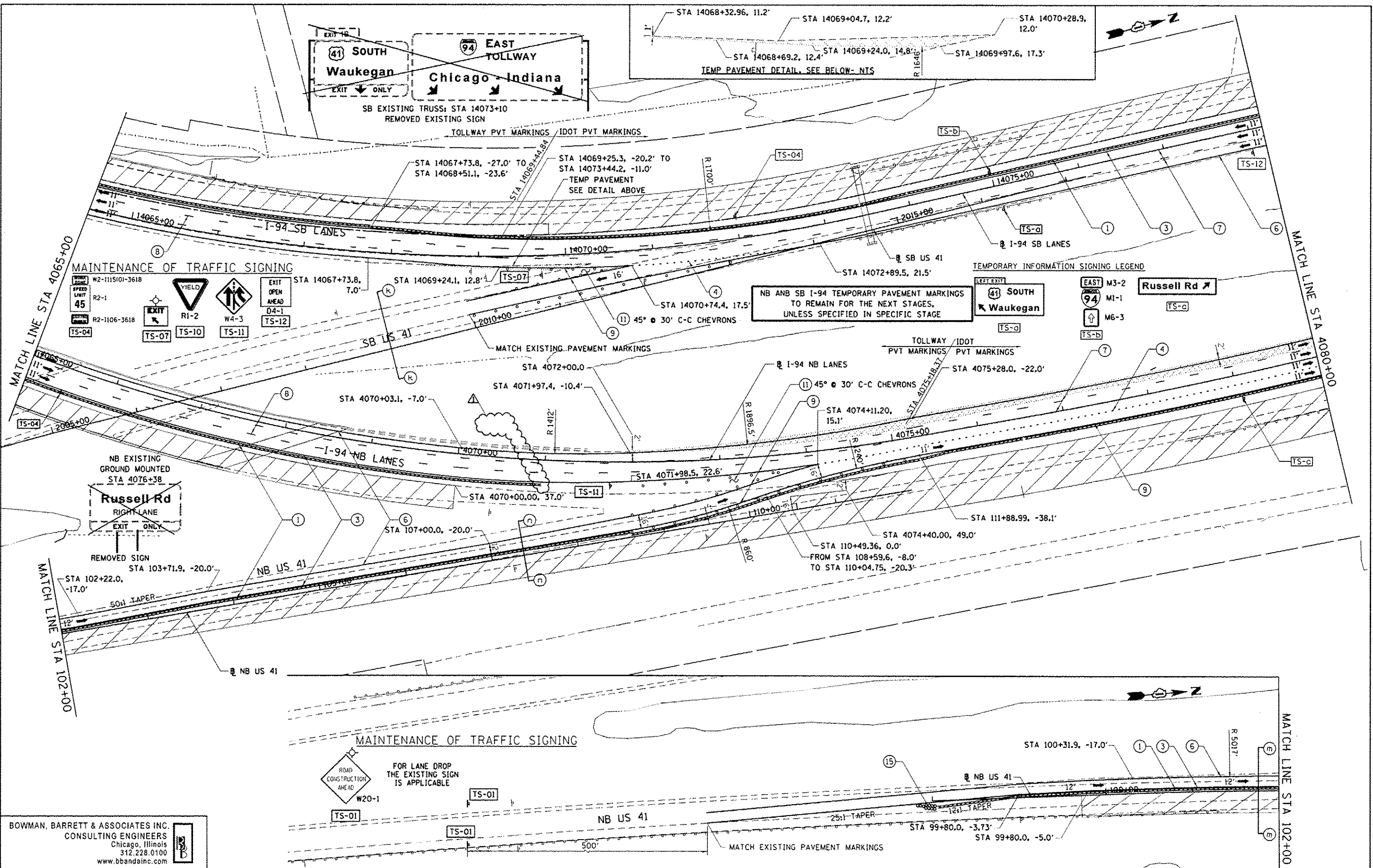
NB ANB SB I-94 TEMPORARY PAVEMENT MARKINGS TO REMAIN FOR THE NEXT STAGES, UNLESS SPECIFIED IN SPECIFIC STAGE



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	PLOT SCALE = 1/8"=10' V=1"=5'	DRAWN - RA	REVISED -			SCALE: 1"=50'	SHEET NO. 6 OF 33 SHEETS	CONTRACT NO. 60L77	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 7/17/2012	CHECKED - RGR	REVISED -			STA. 4035+00 TO STA. 4050+00						
		DATE - 6/19/2012	REVISED -									

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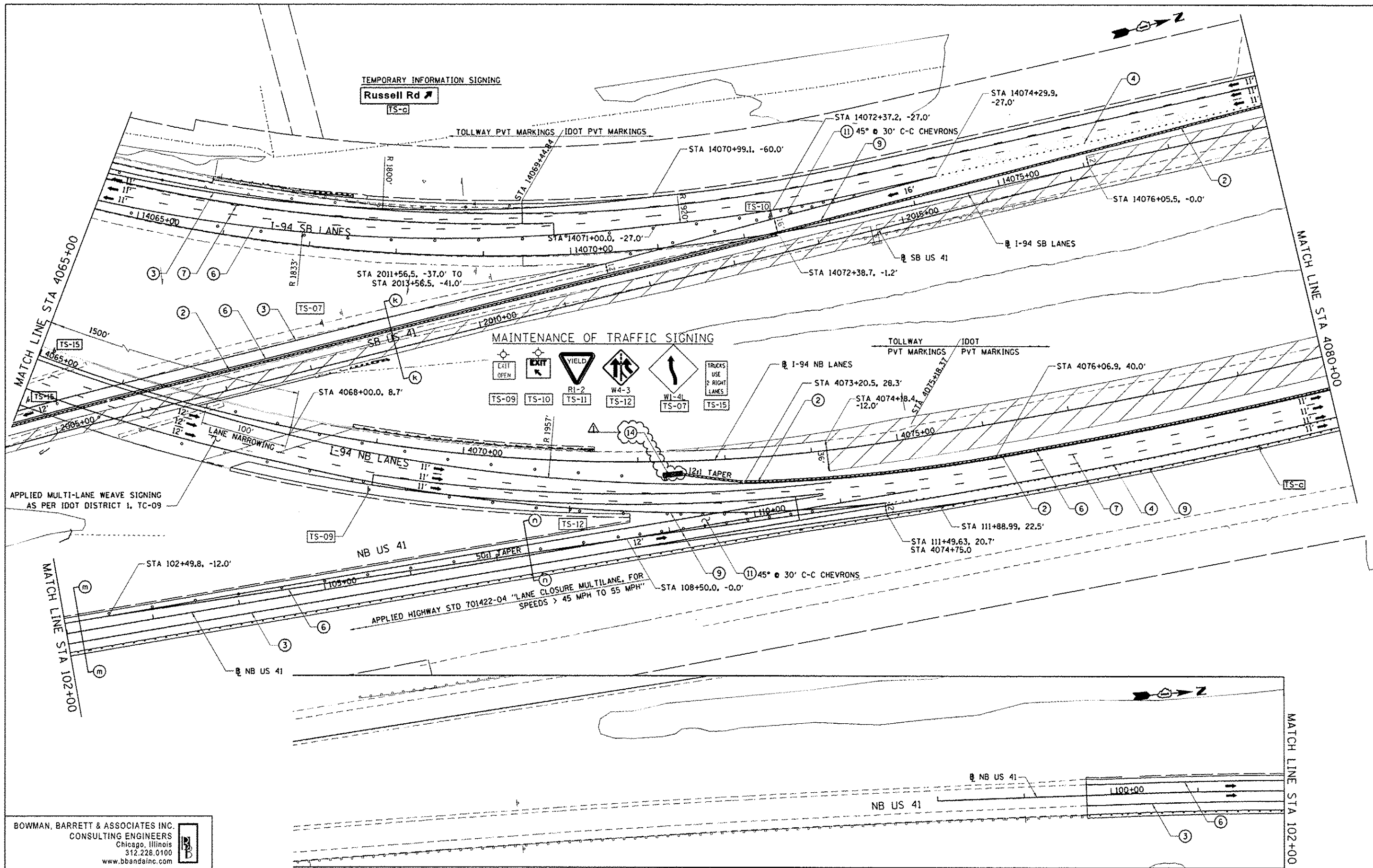
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MOT PLAN NB I-94 AND SB I-94 - STAGE 1A
 SCALE: 1"=50' SHEET NO. 8 OF 33 SHEETS STA. 4065+00 TO STA. 4080+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 116
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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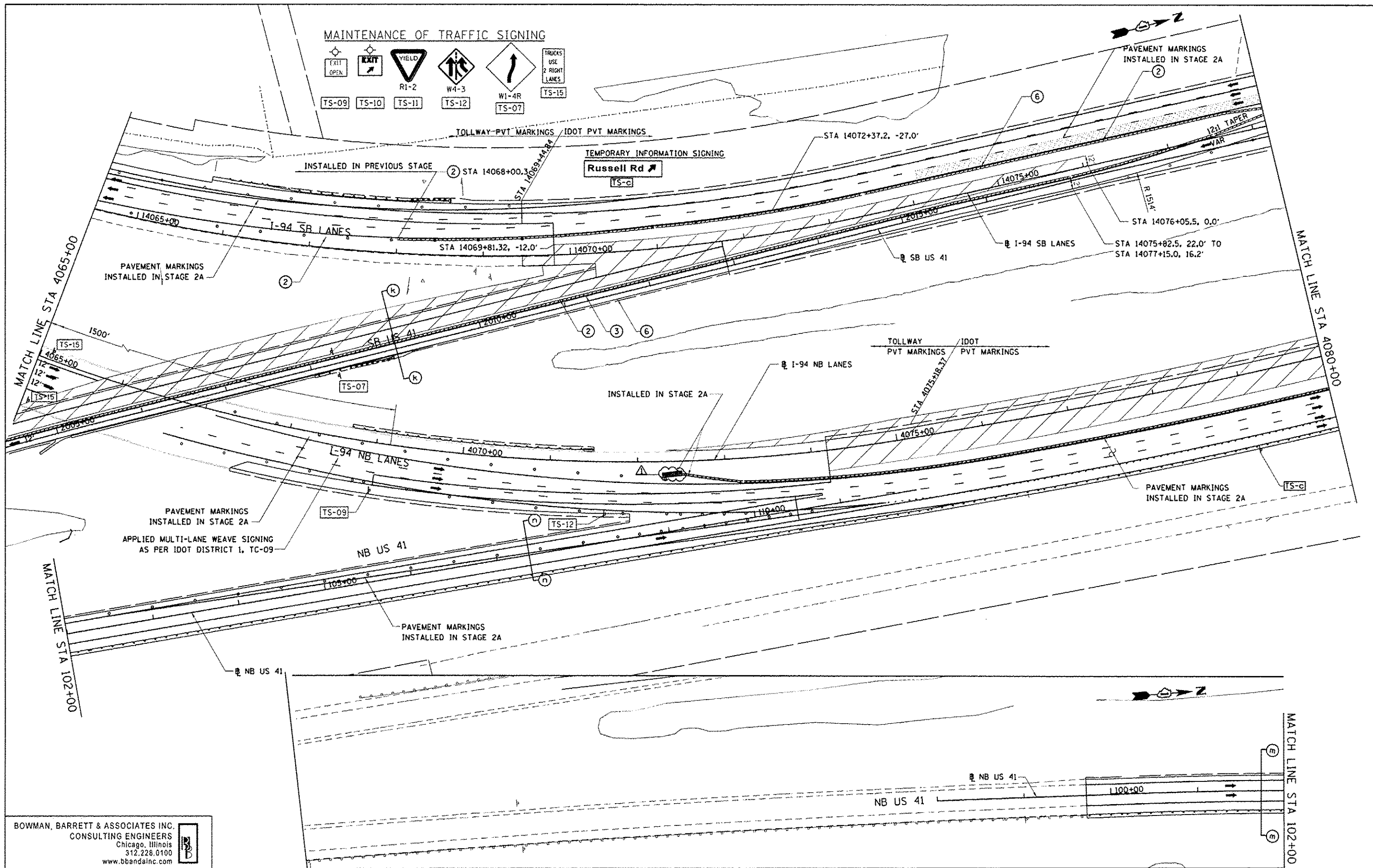
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		DATE - 6/28/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

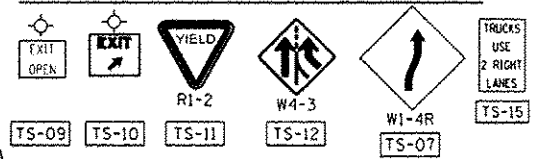
MOT PLAN NB I-94 AND SB I-94 - STAGE 2A
SCALE: 1"=50' SHEET NO. 20 OF 33 SHEETS STA. 4065+00 TO STA. 4080+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 128
CONTRACT NO. 60L77				ILLINOIS FED. AID PROJECT

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MAINTENANCE OF TRAFFIC SIGNING



TEMPORARY INFORMATION SIGNING



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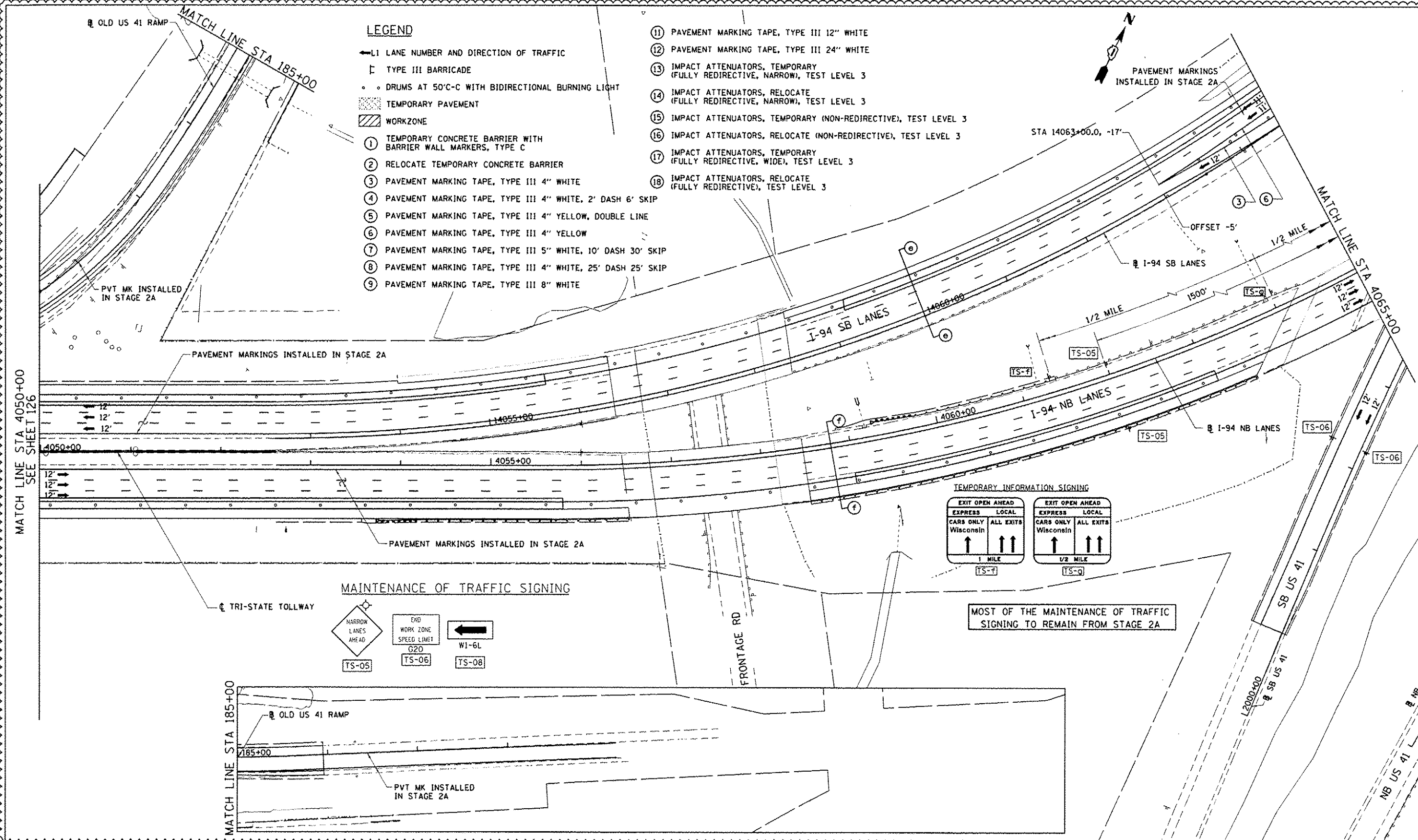
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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MOT PLAN NB I-94 AND SB I-94 - STAGE 2B
 SCALE: 1"=50' SHEET NO. 25 OF 33 SHEETS STA. 4065+00 TO STA. 4080+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 133
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⌊ TYPE III BARRICADE
- • DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑫ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3

MATCH LINE STA 4050+00
SEE SHEET 126

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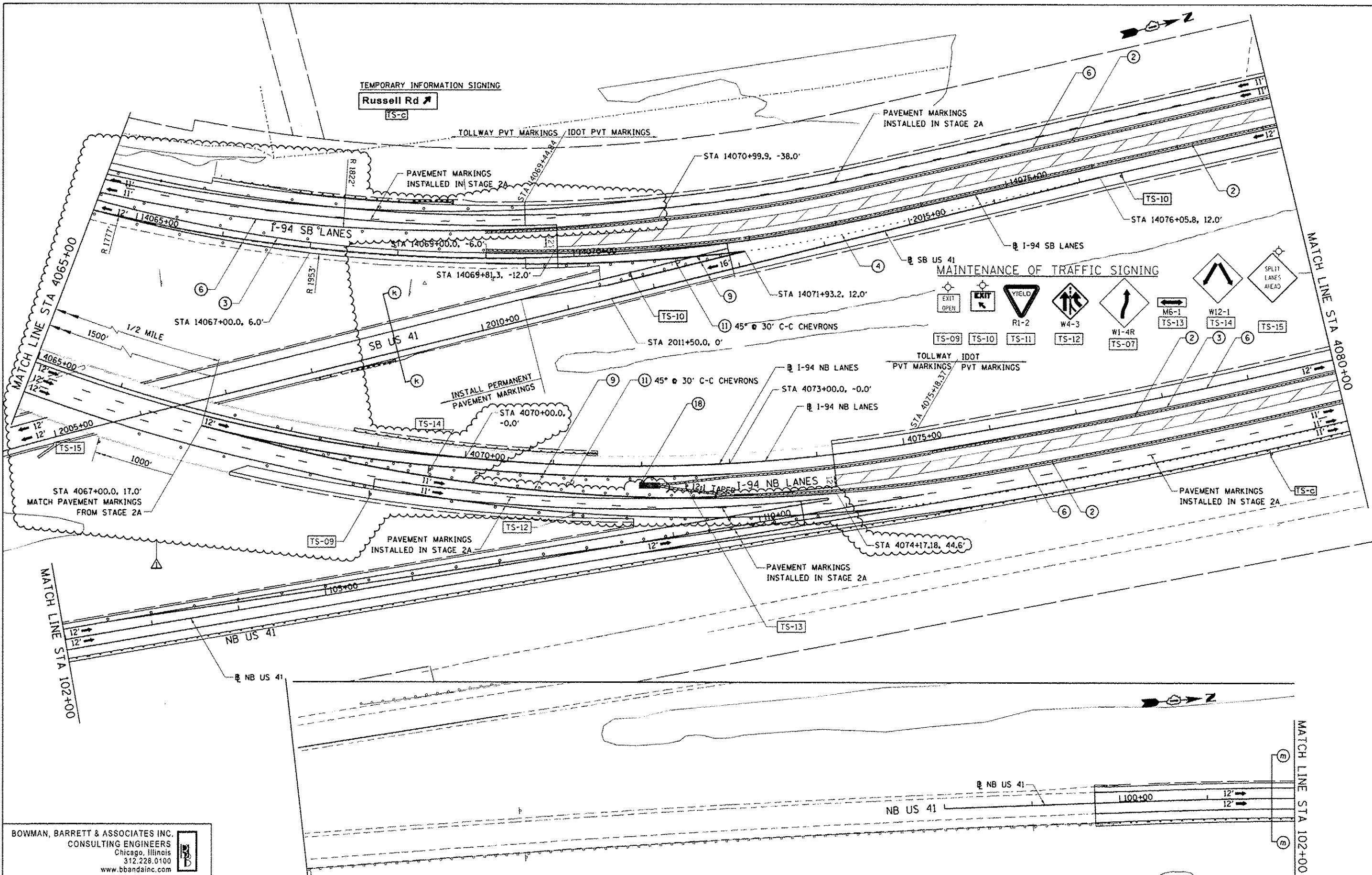
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		DATE: 6/19/2012	REVISED: -

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DEPARTMENT OF TRANSPORTATION**

MOT PLAN NB I-94 AND SB I-94 - STAGE 3

SCALE: 1"=50' SHEET NO. 29 OF 33 SHEETS STA. 4050+00 TO STA. 4065+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 137
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				



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		DATE - 6/19/2012	REVISED -

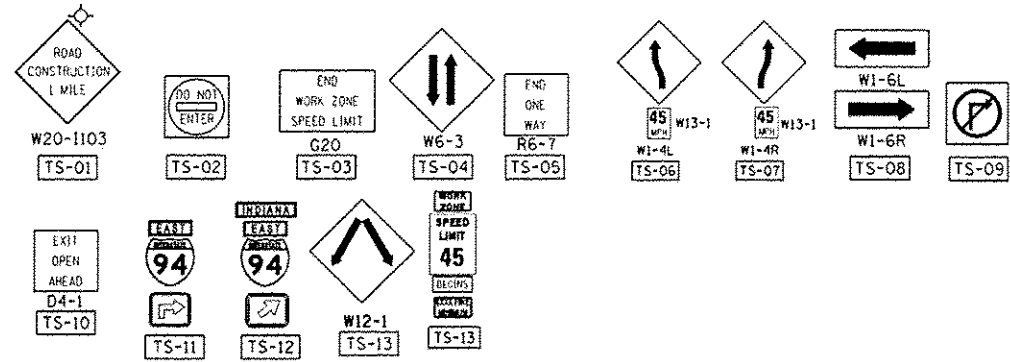
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MOT PLAN NB I-94 AND SB I-94 - STAGE 3
 SCALE: 1"=50' SHEET NO. 30 OF 33 SHEETS STA. 4065+00 TO STA. 4080+00

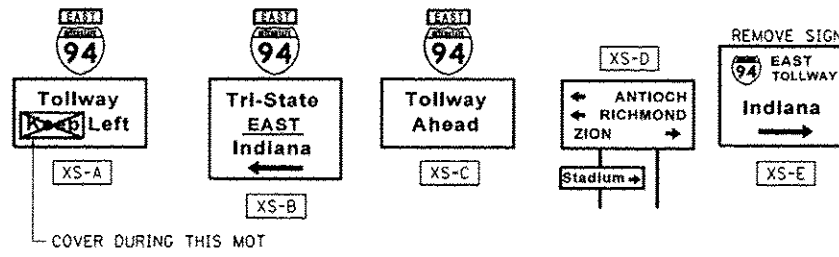
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	138
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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MAINTENANCE OF TRAFFIC SIGNING LEGEND

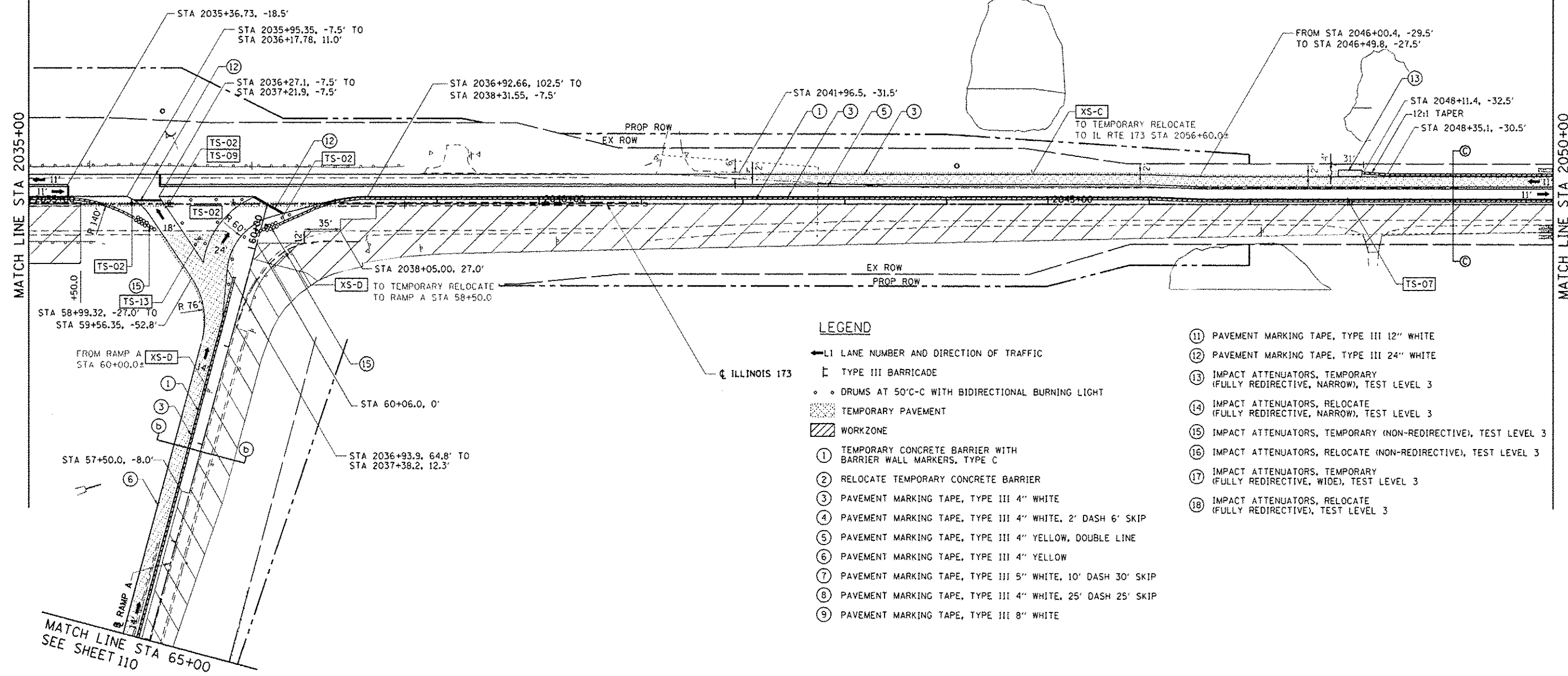


EXISTING SIGNS



TEMPORARY LEFT DITCH

STATION	OFFSET	ELEVATION
2049+00	37.5' LT	739.09
2050+00	34.4' LT	737.76
2051+72	35.9' LT	731.80



LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- • DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑫ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3

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		DATE: 6/19/2012	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT PLAN IL RTE 173 - STAGE 1A

SCALE: 1"=50'	SHEET NO. 3 OF 14 SHEETS	STA. 2035+00 TO STA. 2050+00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	144
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

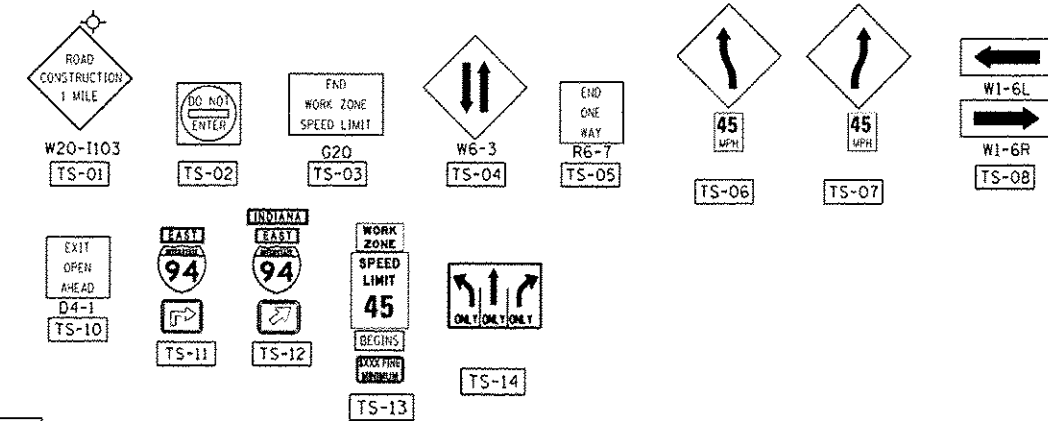
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LEGEND

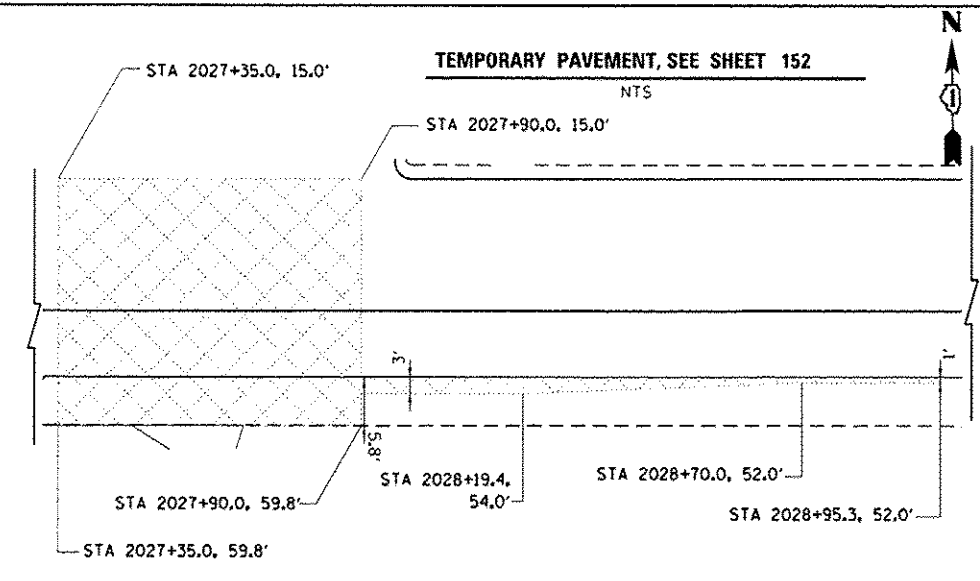
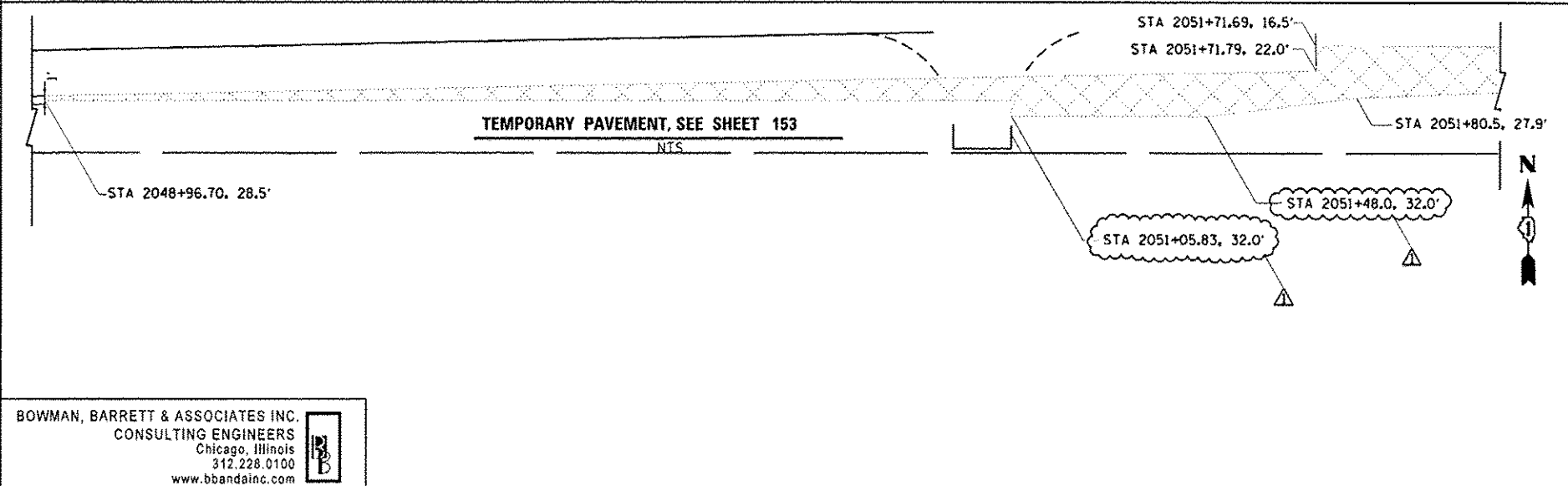
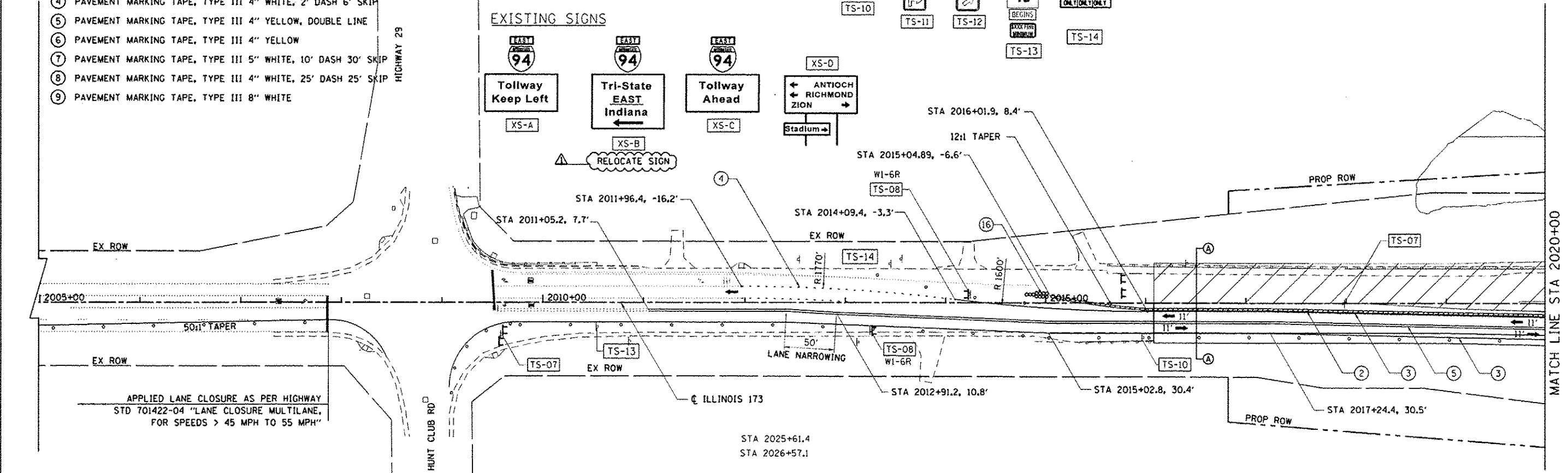
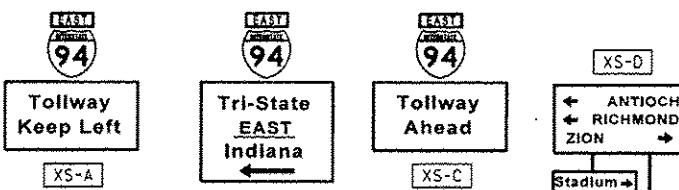
- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ☐ TYPE III BARRICADE
- • DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE

- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑫ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3

MAINTENANCE OF TRAFFIC SIGNING LEGEND



EXISTING SIGNS



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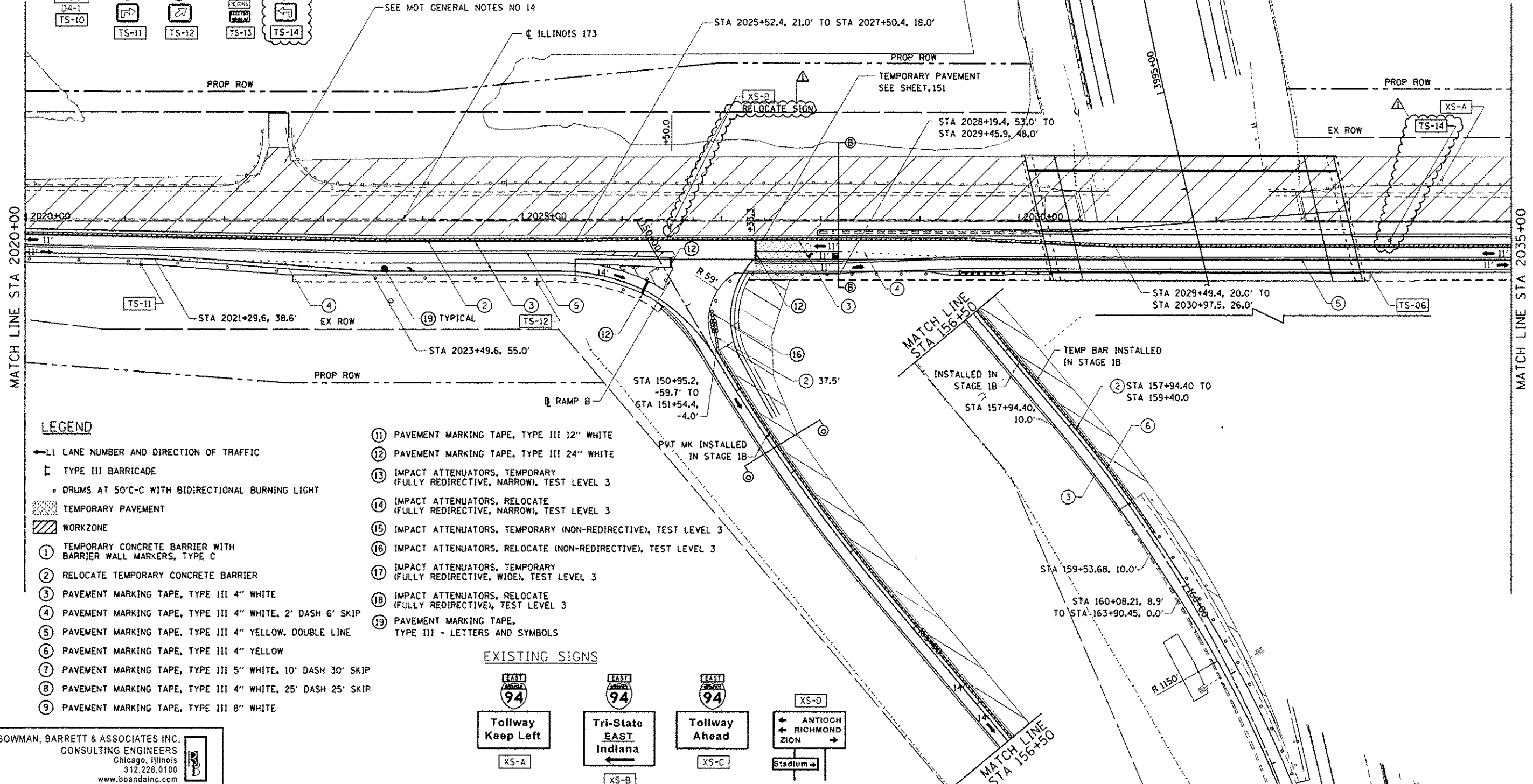
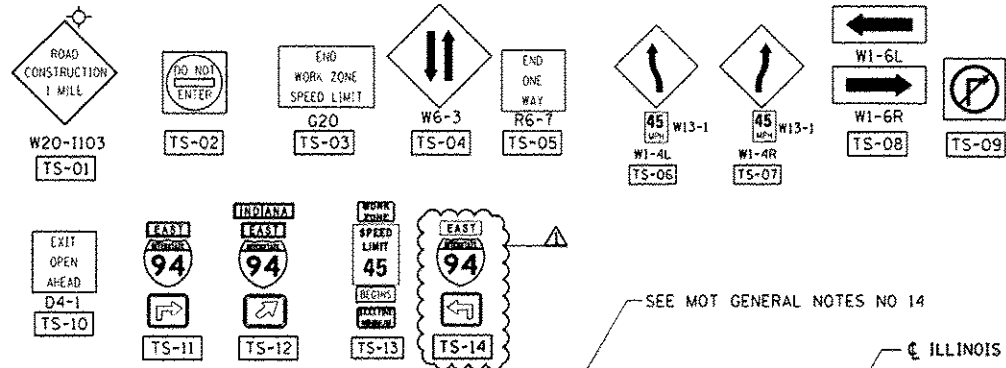
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT PLAN IL RTE 173 - STAGE 2A
 SCALE: 1"=50' SHEET NO. 10 OF 14 SHEETS STA. 2005+00 TO STA. 2020+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	151
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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MAINTENANCE OF TRAFFIC SIGNING LEGEND

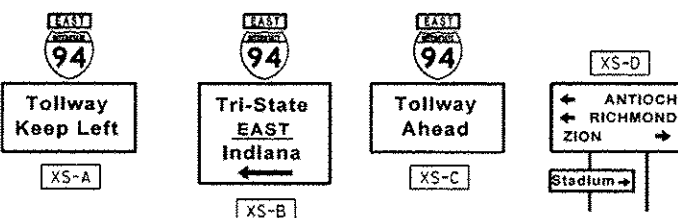


LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- █ TYPE III BARRICADE
- DRUMS AT 50°C-C WITH BIDIRECTIONAL BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE

- ⑪ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
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- ⑬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3
- ⑲ PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS

EXISTING SIGNS



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		CHECKED: RGR	REVISED: -
		DATE: 6/19/2012	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT PLAN IL RTE 173 - STAGE 2A

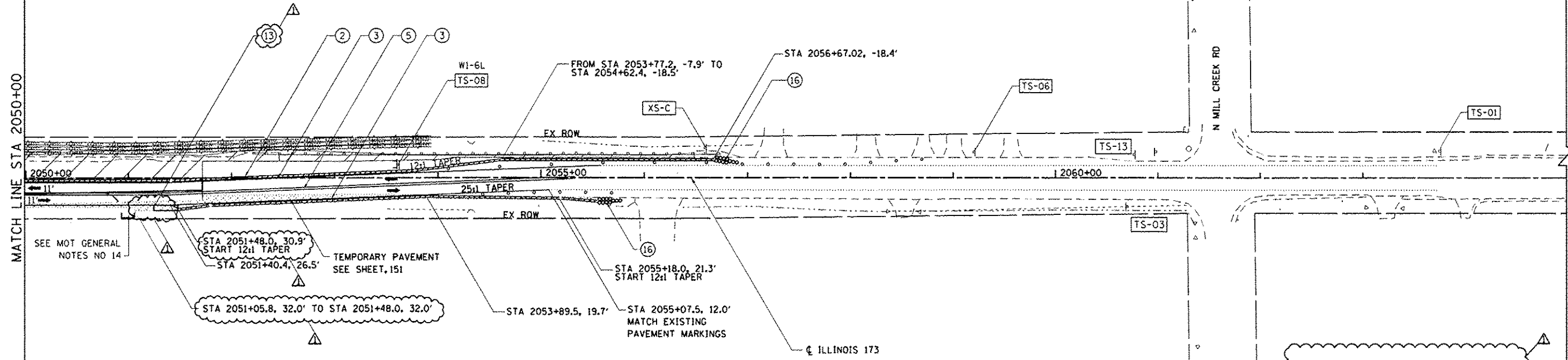
SCALE: 1"=50' SHEET NO. 11 OF 14 SHEETS STA. 2020+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	152
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

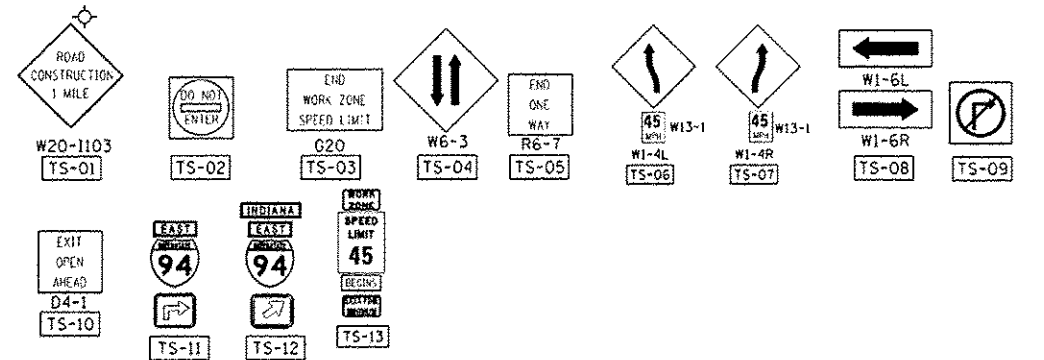
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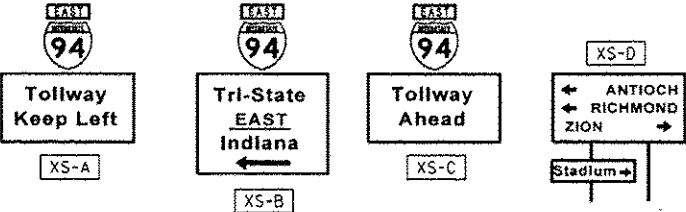
- L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- TEMPORARY PAVEMENT
- WORKZONE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 2' DASH 6' SKIP
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW, DOUBLE LINE
- ⑥ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑧ PAVEMENT MARKING TAPE, TYPE III 4" WHITE, 25' DASH 25' SKIP
- ⑨ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑩ PAVEMENT MARKING TAPE, TYPE III 12" WHITE
- ⑪ PAVEMENT MARKING TAPE, TYPE III 24" WHITE
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- ⑭ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑮ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑯ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
- ⑰ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑱ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3



MAINTENANCE OF TRAFFIC SIGNING LEGEND



EXISTING SIGNS



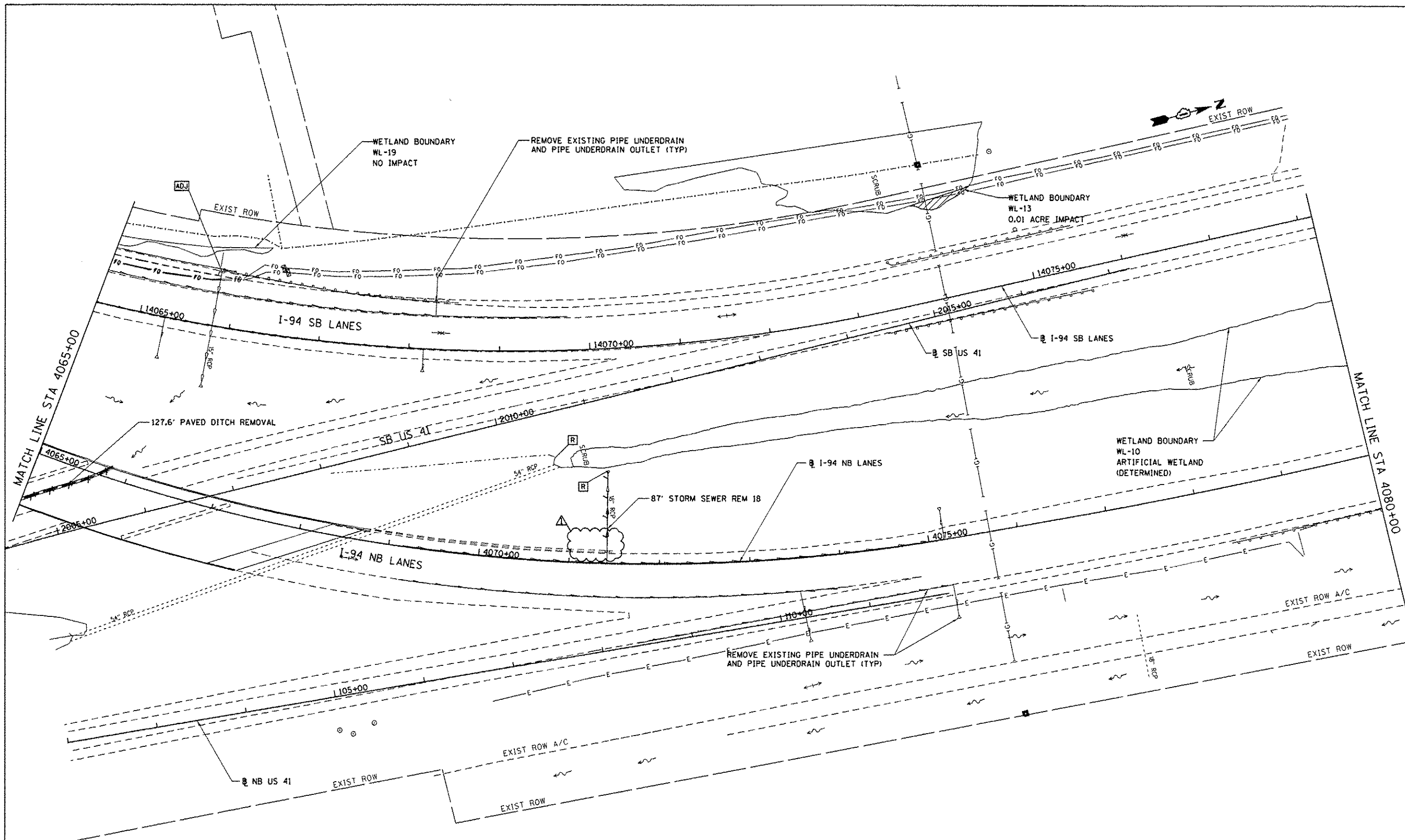
TEMPORARY RIGHT SWALE

STATION	OFFSET	ELEVATION
2048+60	30.4' RT	741.19
2049+20	29.8' RT	740.50
2049+60	29.9' RT	739.77
2050+00	30.0' RT	738.87
2050+60	29.9' RT	737.18
2051+00	29.9' RT	735.97
2051+40	32.7' RT	734.27
2051+80	31.5' RT	732.16

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PLOT SCALE = 1/4" = 10'	CHECKED - RGR	REVISIONS	SCALE: 1"=50'			SHEET NO. 13 OF 14 SHEETS	STA. 2050+00 TO STA. 2065+00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 60L77	
PLOT DATE = 7/17/2012	DATE - 6/19/2012	REVISIONS									

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

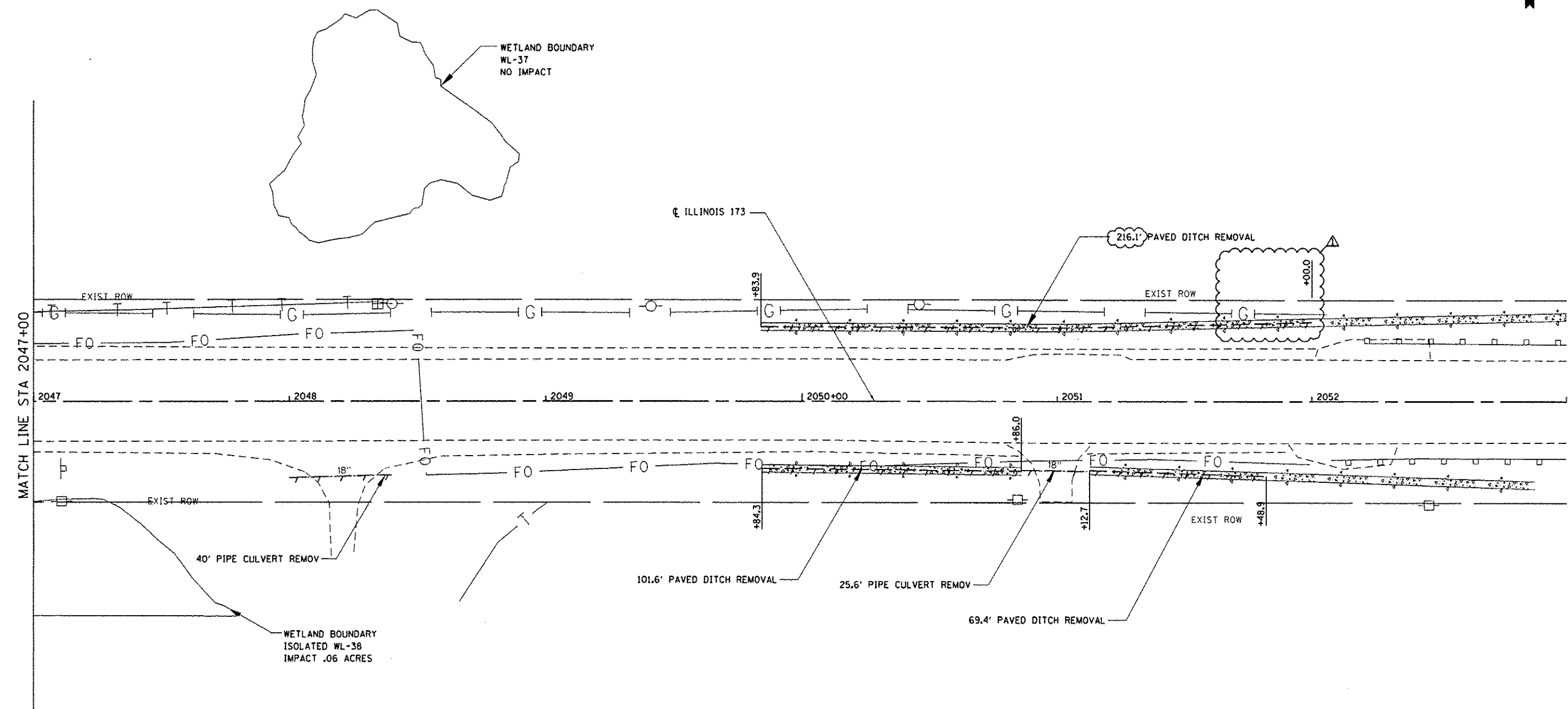
**EXISTING DRAINAGE PLAN
 NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. 4065+00 TO STA. 4080+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	177
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

NOTES:
 1. FOR LEGEND SEE SHEET NO. 171.

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NOTES:
 1. FOR LEGEND SEE SHEET NO. 171.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN
IL RTE 173

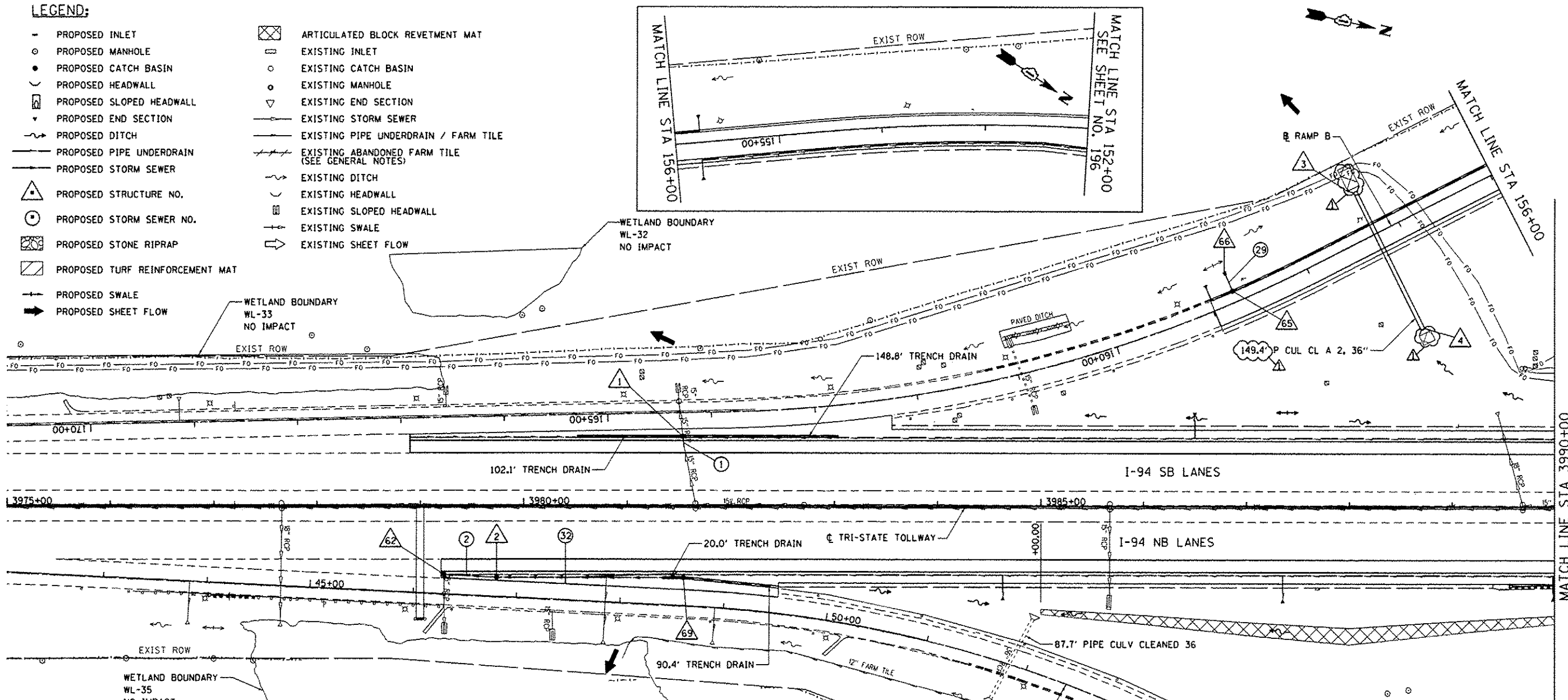
SCALE: 1"=20'
 SHEET NO. 15 OF 15 SHEETS
 STA. 2047+00 TO STA. 2047+00

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 185
				CONTRACT NO. 60L77
ILLINOIS FED. AID PROJECT				

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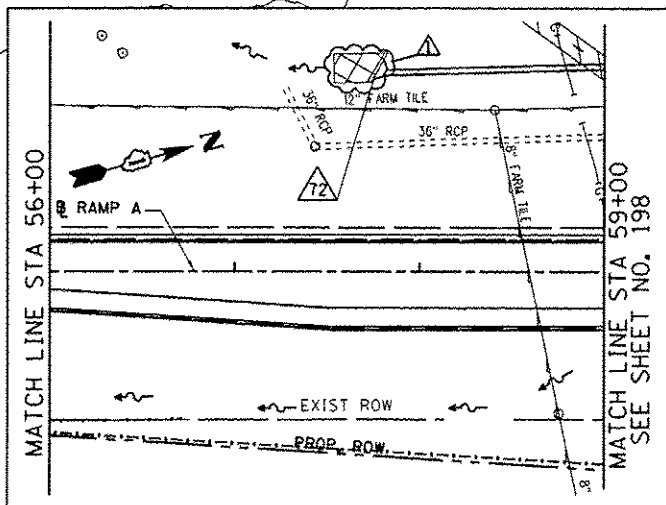
LEGEND:

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- ⌒ PROPOSED HEADWALL
- ▭ PROPOSED SLOPED HEADWALL
- ▽ PROPOSED END SECTION
- ~ PROPOSED DITCH
- PROPOSED PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- △ PROPOSED STRUCTURE NO.
- ⊙ PROPOSED STORM SEWER NO.
- ▨ PROPOSED STONE RIPRAP
- ▩ PROPOSED TURF REINFORCEMENT MAT
- PROPOSED SWALE
- ➔ PROPOSED SHEET FLOW
- ⊠ ARTICULATED BLOCK REVETMENT MAT
- EXISTING INLET
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- ▽ EXISTING END SECTION
- EXISTING STORM SEWER
- EXISTING PIPE UNDERDRAIN / FARM TILE
- EXISTING ABANDONED FARM TILE (SEE GENERAL NOTES)
- ~ EXISTING DITCH
- ⌒ EXISTING HEADWALL
- ▭ EXISTING SLOPED HEADWALL
- ▽ EXISTING SWALE
- ➔ EXISTING SHEET FLOW



GENERAL DRAINAGE NOTES:

1. ARTICULATED BLOCK REVETMENT MAT SHALL CONSIST OF AN INTERLOCKING, OPEN CELL BLOCK MAT WITH A MINIMUM THICKNESS OF 4" AND MIN WEIGHT OF 30LB/SF, OR AS APPROVED BY THE ENGINEER.
2. PIPE UNDERDRAIN OUTLETS WITHIN THE TOLLWAY JURISDICTIONAL LIMITS SHALL CONSIST OF TWO OUTLETS AS SHOWN IN TOLLWAY STANDARD B24. A SINGLE RUN IS SHOWN IN THE PLANS FOR CLARITY. PIPE UNDERDRAIN OUTLETS WILL BE PAID AS ITEM 60108200 PIPE UNDERDRAINS 6" (SPECIAL).
3. PIPE UNDERDRAIN WITHIN THE TOLLWAY JURISDICTIONAL LIMITS WILL BE PAID UNDER ITEM 60109520 PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" AND INSTALLATION SHALL BE AS INDICATED IN TOLLWAY STANDARD B24. WITHIN IDOT JURISDICTION, ITEM 60107700 PIPE UNDERDRAIN 6" WILL BE USED FOR PAYMENT AND SHALL BE INSTALLED AS INDICATED ON HIGHWAY STANDARD 601001.



NOTES:

1. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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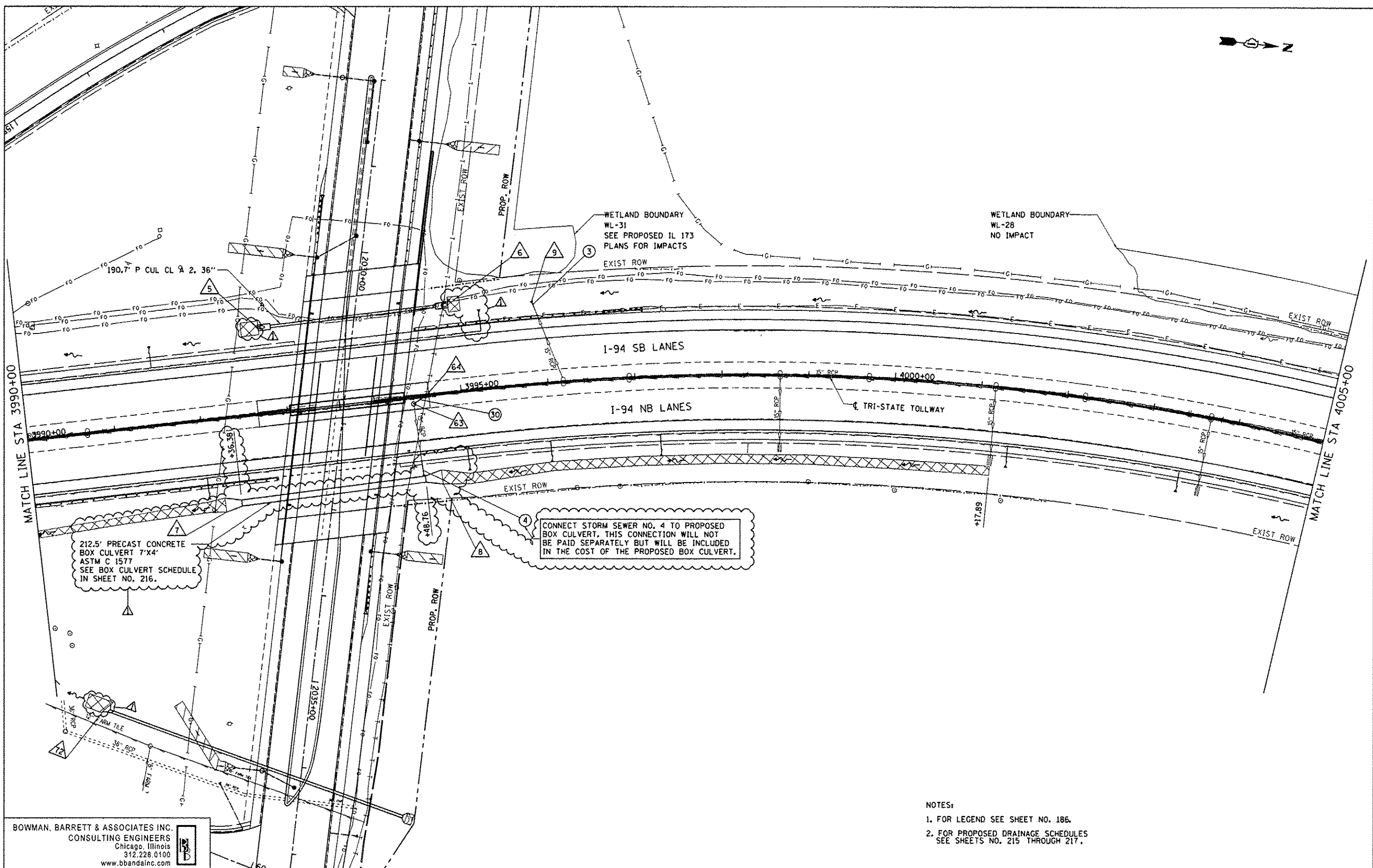
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
 NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. 3975+00 TO STA. 3990+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	186
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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212.5' PRECAST CONCRETE BOX CULVERT 7'x4' ASTM C 1577 SEE BOX CULVERT SCHEDULE IN SHEET NO. 216.

CONNECT STORM SEWER NO. 4 TO PROPOSED BOX CULVERT, THIS CONNECTION WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE PROPOSED BOX CULVERT.

WETLAND BOUNDARY WL-31 SEE PROPOSED IL 173 PLANS FOR IMPACTS

WETLAND BOUNDARY WL-28 NO IMPACT

- NOTES:
- FOR LEGEND SEE SHEET NO. 186.
 - FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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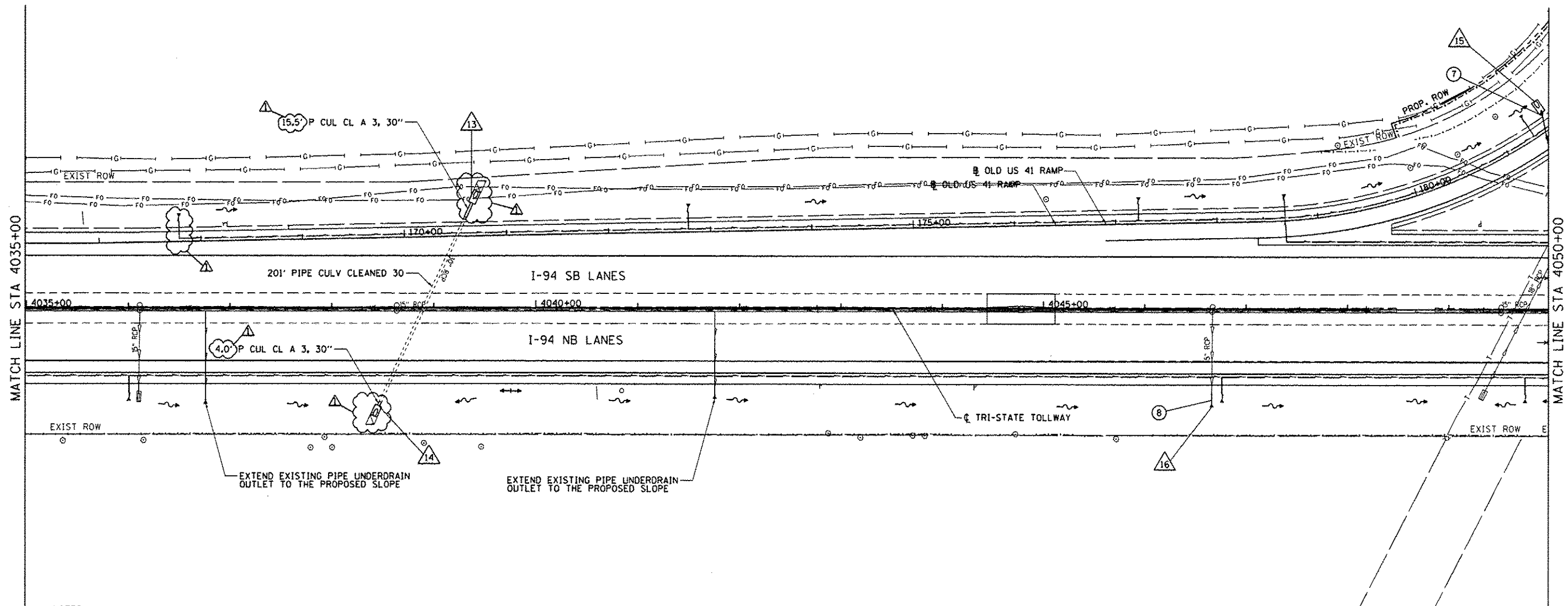
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. 3990+00 TO STA. 4005+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	187
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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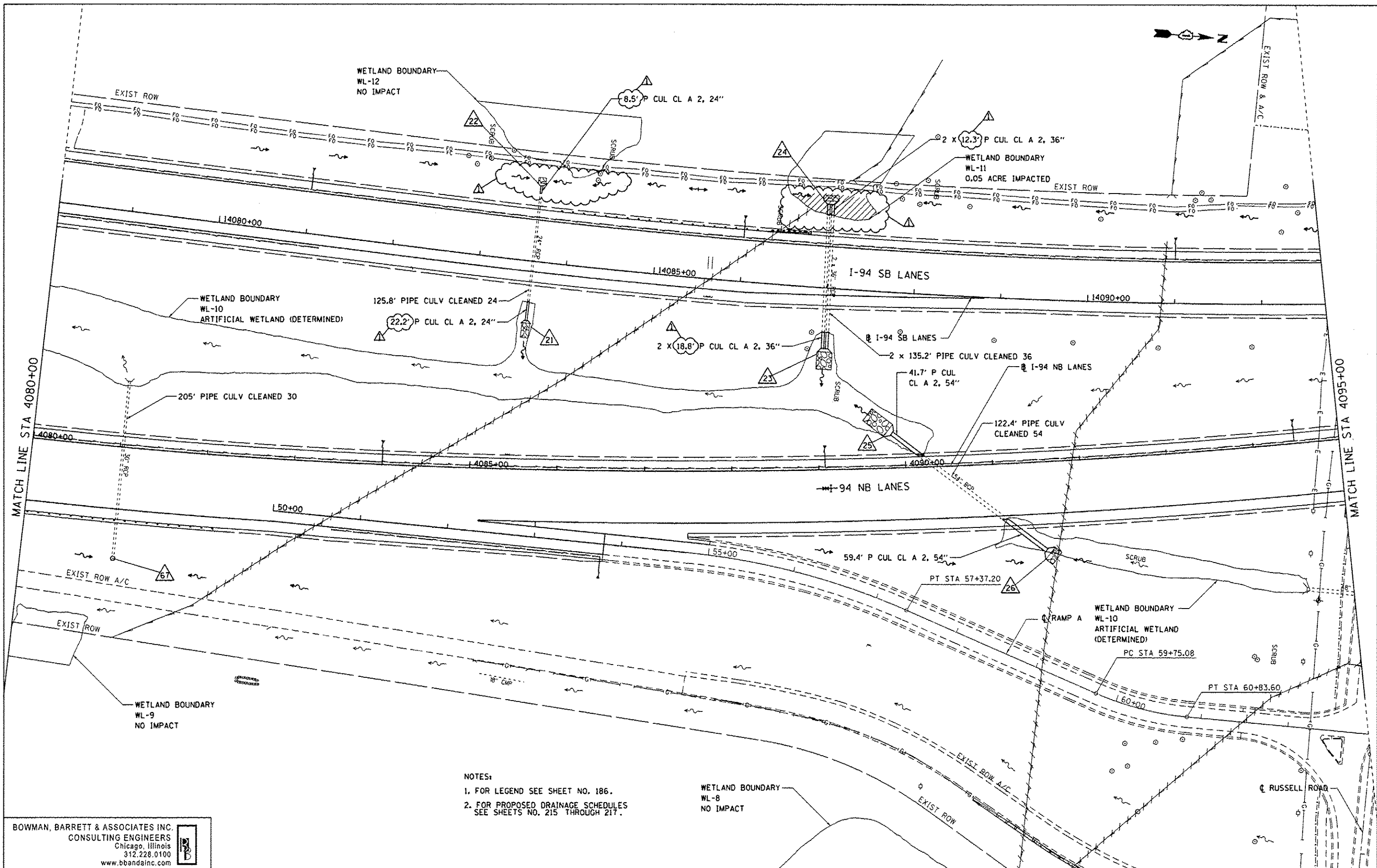
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
 NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. 4035+00 TO STA. 4050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	190
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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NOTES:
 1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JAM	REVISED Δ 07/17/2012
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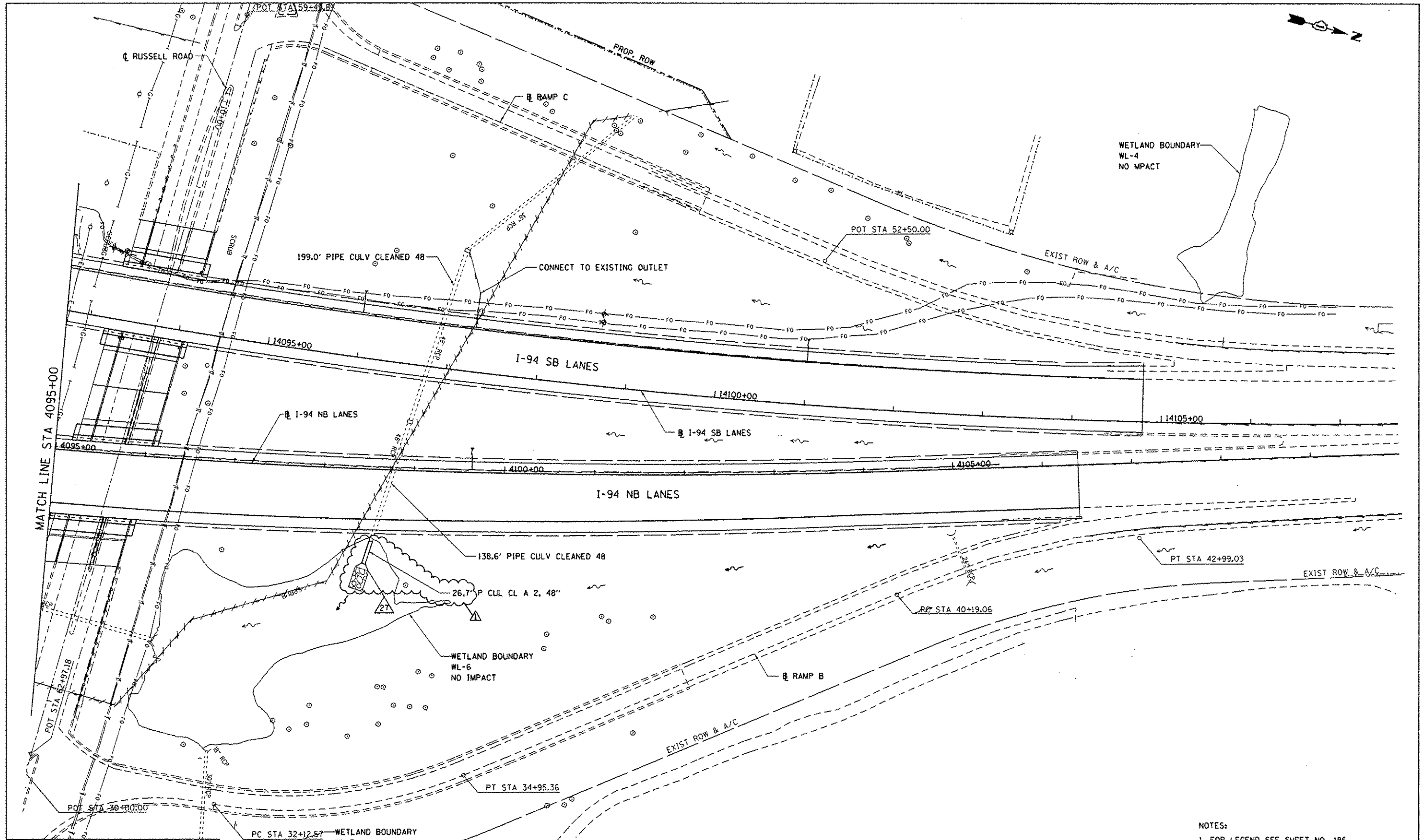
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 NB I-94 AND SB I-94

SCALE: 1"=50'
 SHEET NO. 8 OF 15 SHEETS
 STA. 4080+00 TO STA. 4095+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	193
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

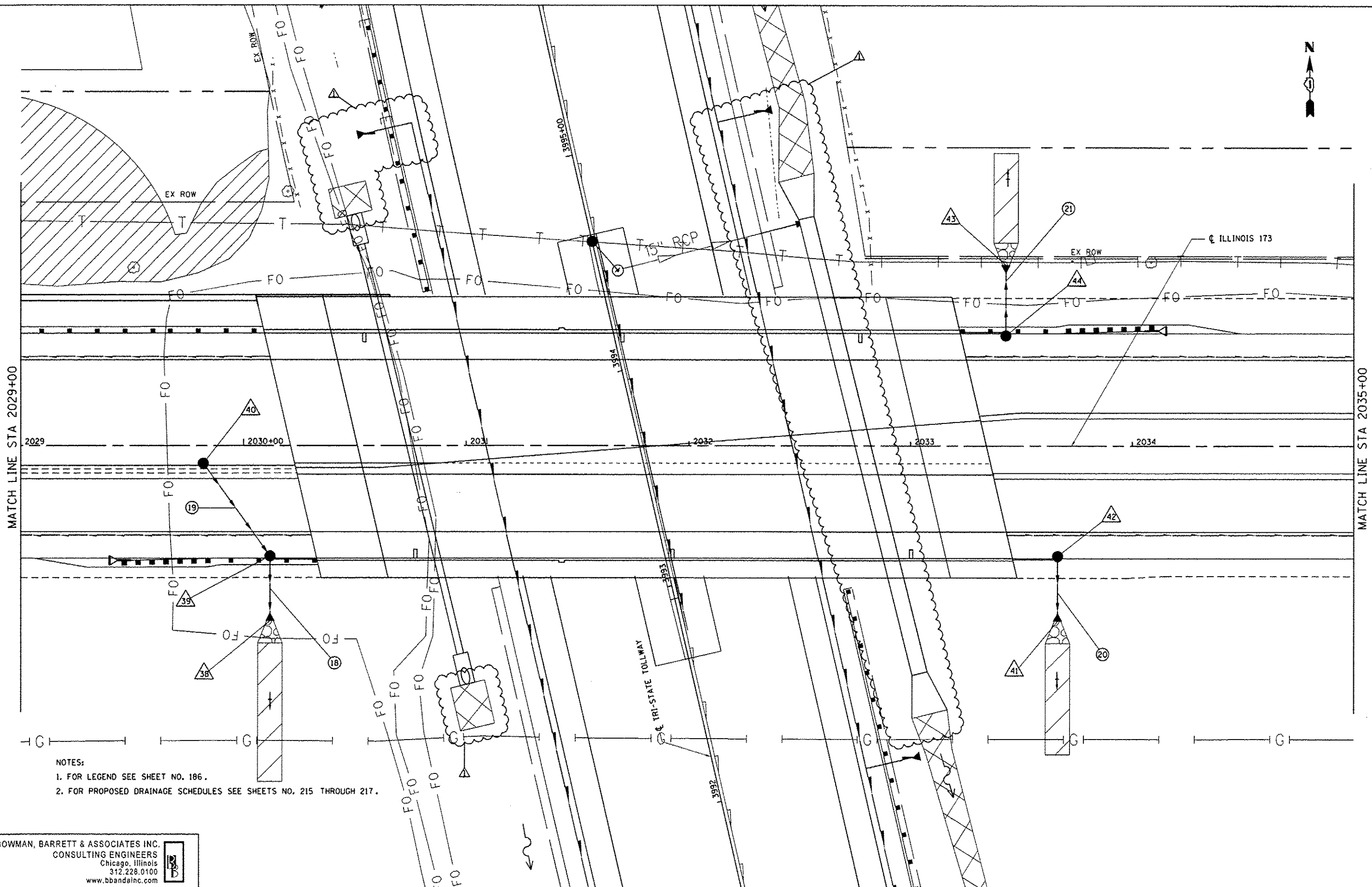
**PROPOSED DRAINAGE PLAN
 NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. 4095+00 TO STA. 4110+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	194
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

- NOTES:
- FOR LEGEND SEE SHEET NO. 186.
 - FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JAM	REVISED - 07/17/2012
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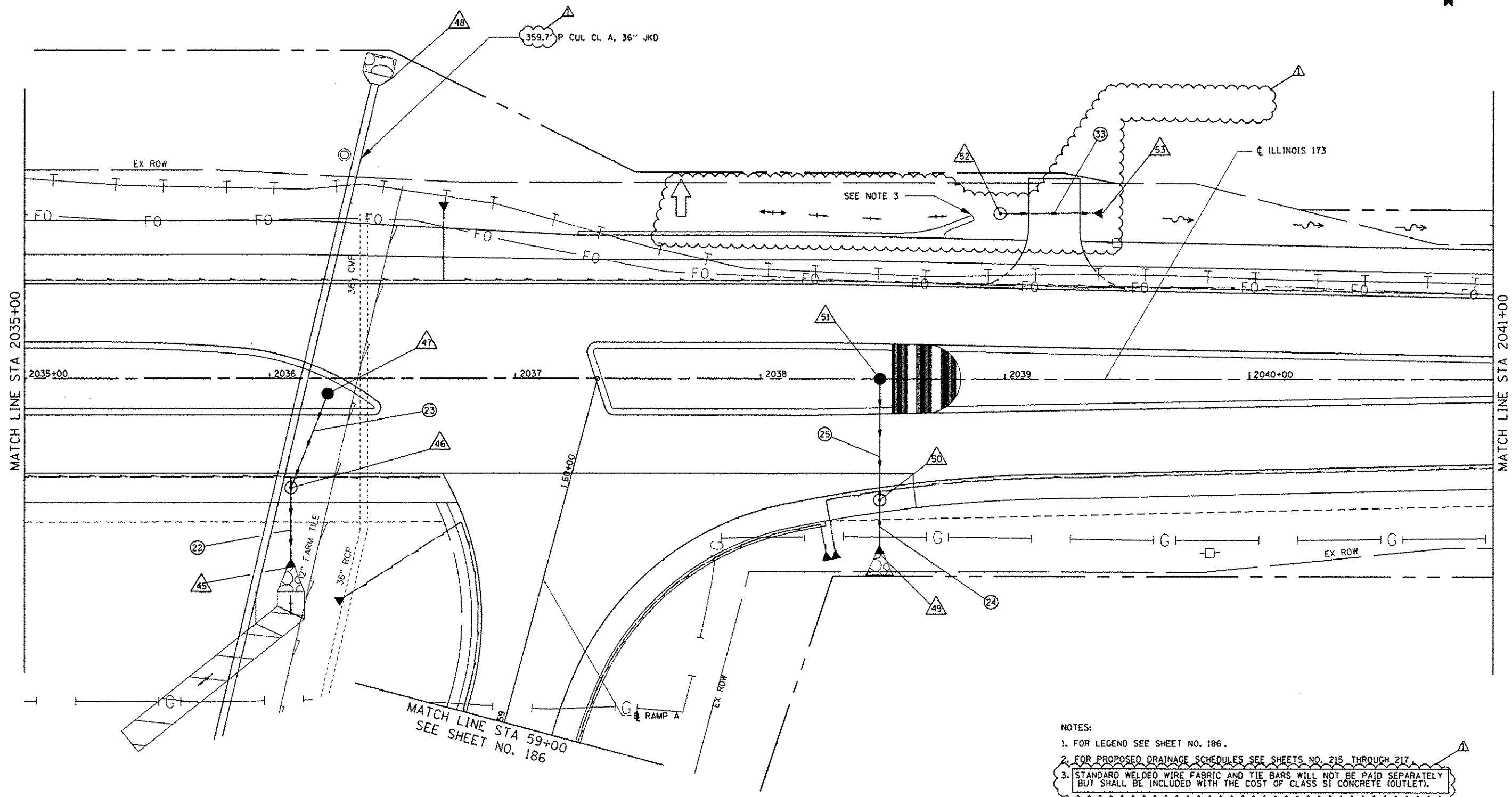
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 IL RTE 173

SCALE: 1"=20' SHEET NO. 12 OF 15 SHEETS STA. 2029+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	197
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.
 3. STANDARD WELDED WIRE FABRIC AND TIE BARS WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED WITH THE COST OF CLASS S1 CONCRETE (OUTLET).

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JAM	REVISED - 07/17/2012
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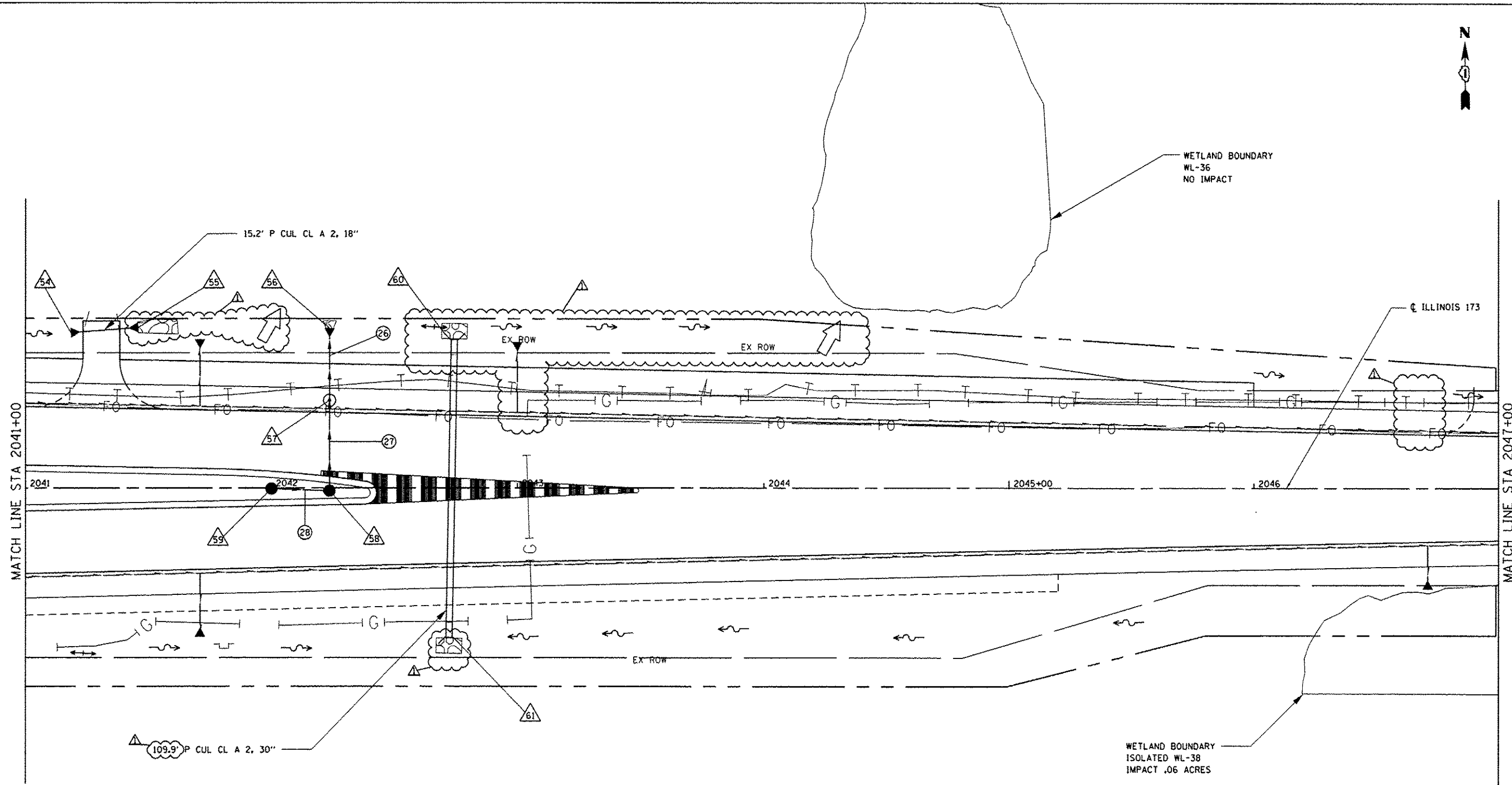
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 IL RTE 173

SCALE: 1"=20' SHEET NO. 13 OF 15 SHEETS STA. 2035+00 TO STA. 2041+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	198
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JAM	REVISED 07/17/2012
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	PLOT DATE = 7/17/2012	DATE - 6/19/2012	REVISED -

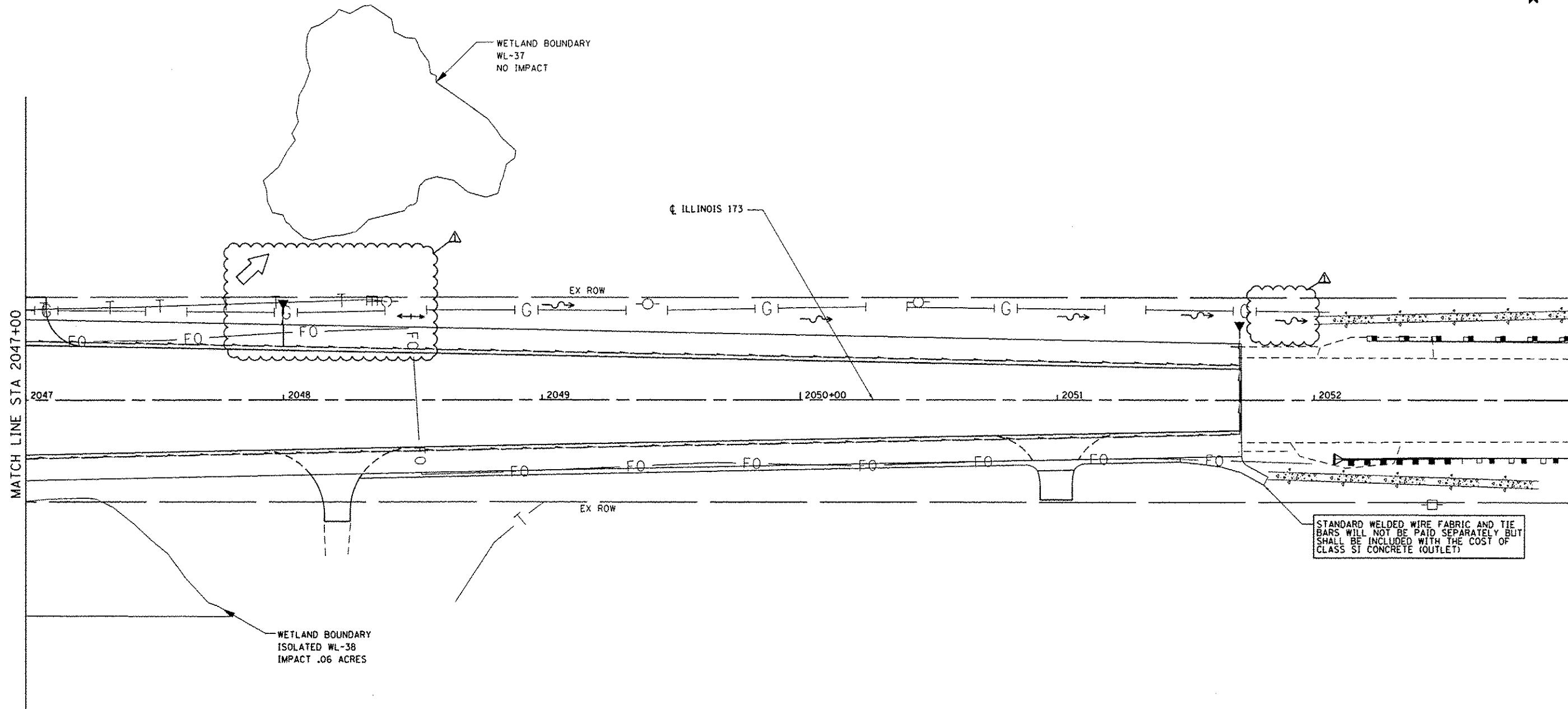
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 IL RTE 173

SCALE: 1"=20' SHEET NO. 14 OF 15 SHEETS STA. 2041+00 TO STA. 2047+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	199
CONTRACT NO. 60L 77			ILLINOIS FED. AID PROJECT	

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 186.
 2. FOR PROPOSED DRAINAGE SCHEDULES SEE SHEETS NO. 215 THROUGH 217.

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JAM	REVISED - 07/17/2012
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	PLOT SCALE = 1/4"=10' V11*5	CHECKED - RGR	REVISED -
	PLOT DATE = 7/14/2012	DATE - 6/28/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

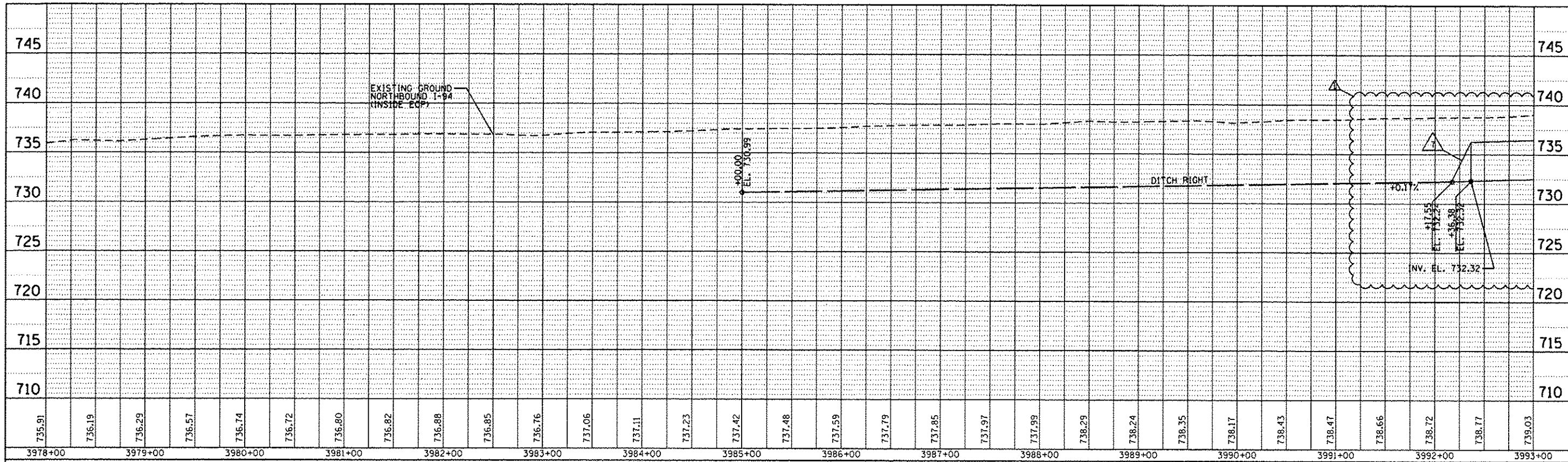
PROPOSED DRAINAGE PLAN
IL RTE 173

SCALE: 1"=20' SHEET NO. 15 OF 15 SHEETS STA. 2047+00 TO STA. 2047+00

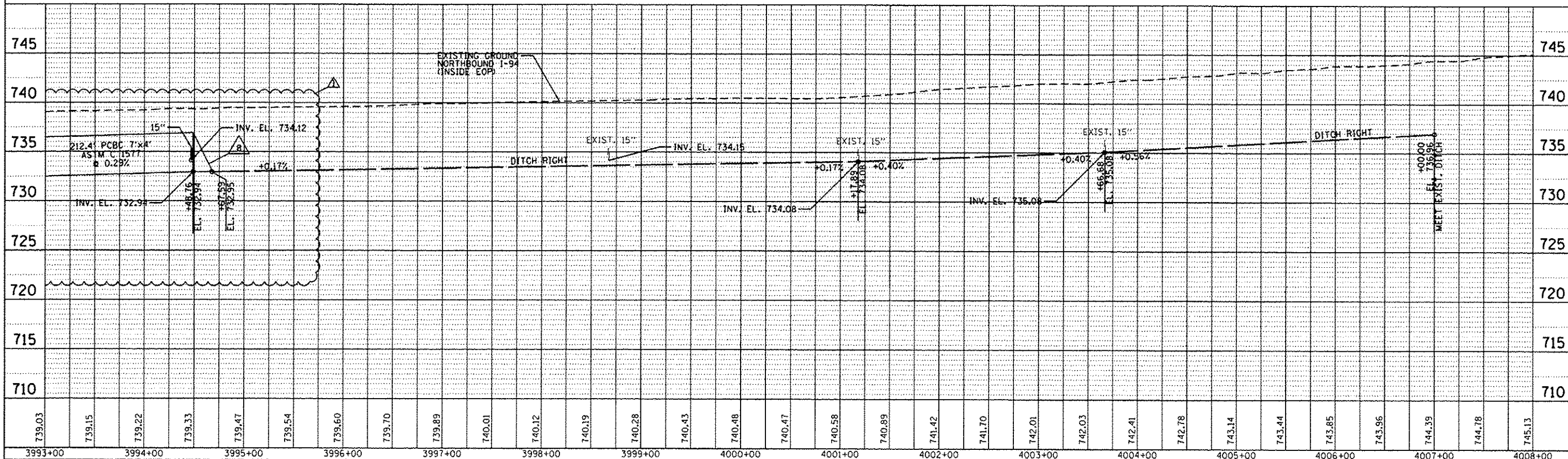
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	200
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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PLAN	DATE
REVISED	BY
ALIGNED CHECKED	
NOTE BOOK	
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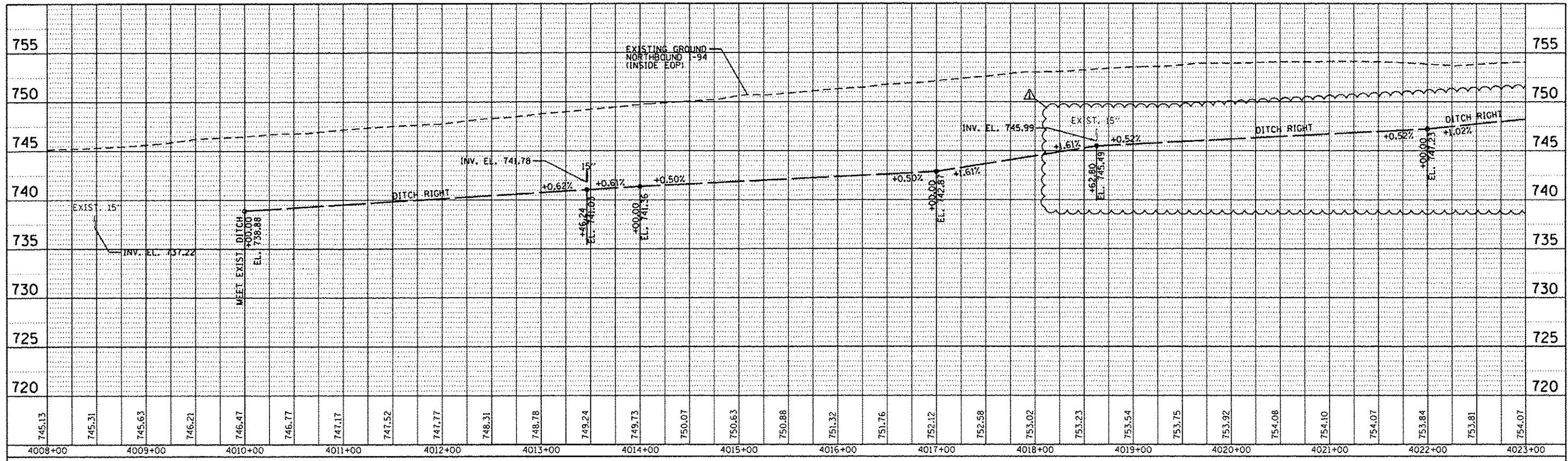


PROFILE	DATE
REVISED	BY
ALIGNED CHECKED	
NOTE BOOK	
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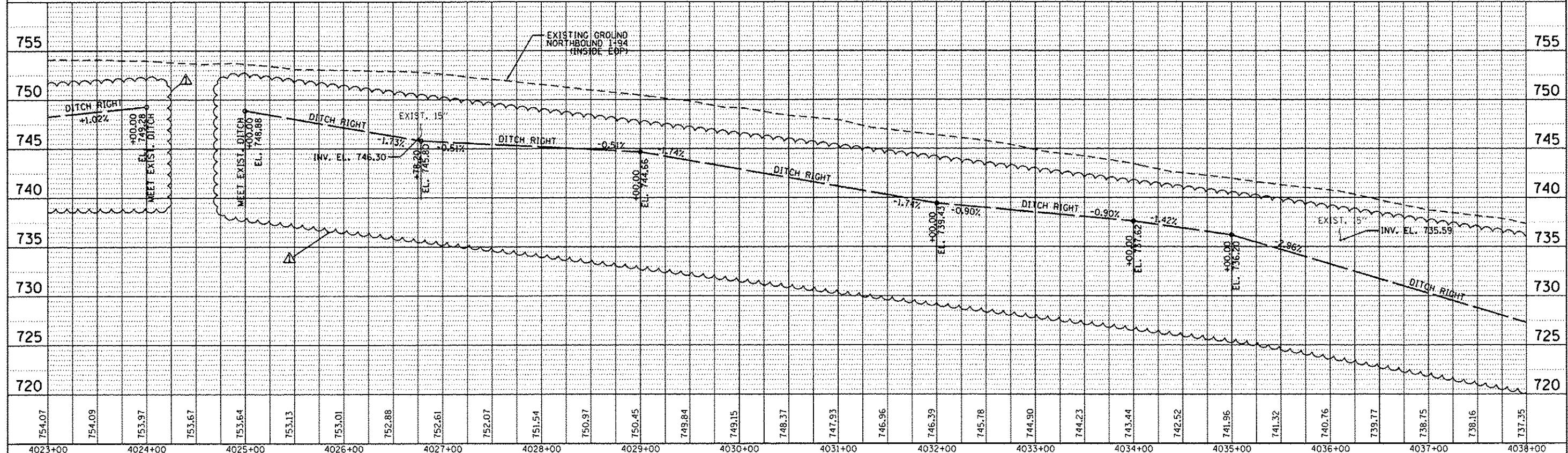


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		DRAWN - JAM	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 14 SHEETS		STA. 3978+00.00 TO STA. 4008+00.00
		PLOT SCALE: H=1"=10' V=1"=5'	CHECKED - RGR		REVISED -			
		PLOT DATE: 7/12/2012	DATE: 6/28/2012		REVISED -			

PLAN	DATE
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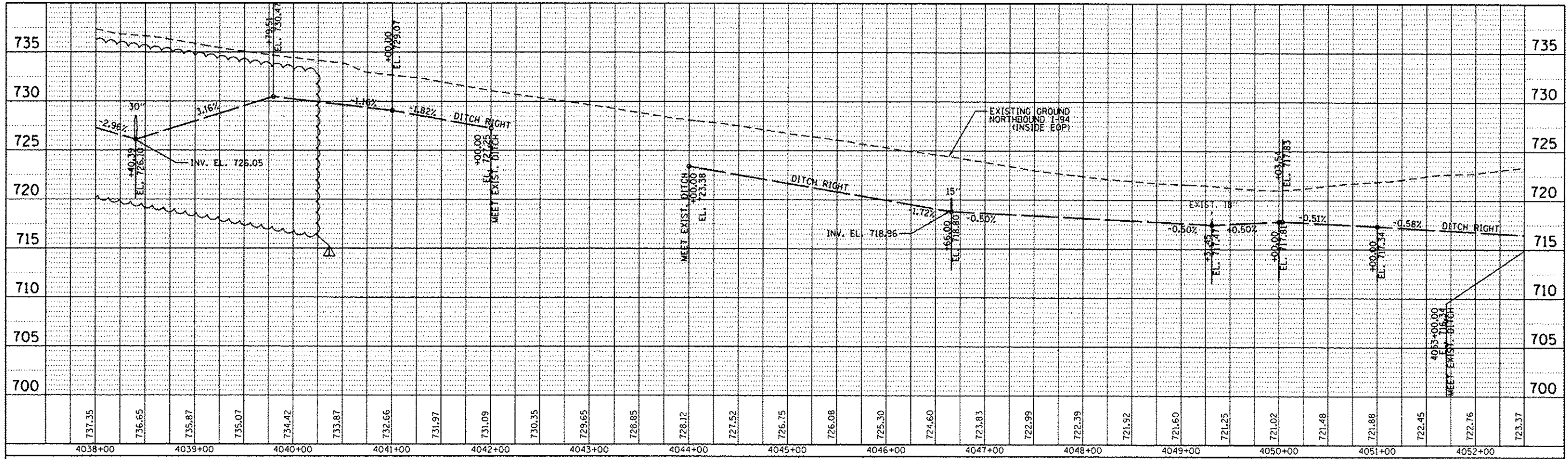


PROFILE	DATE
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FILE NAME	

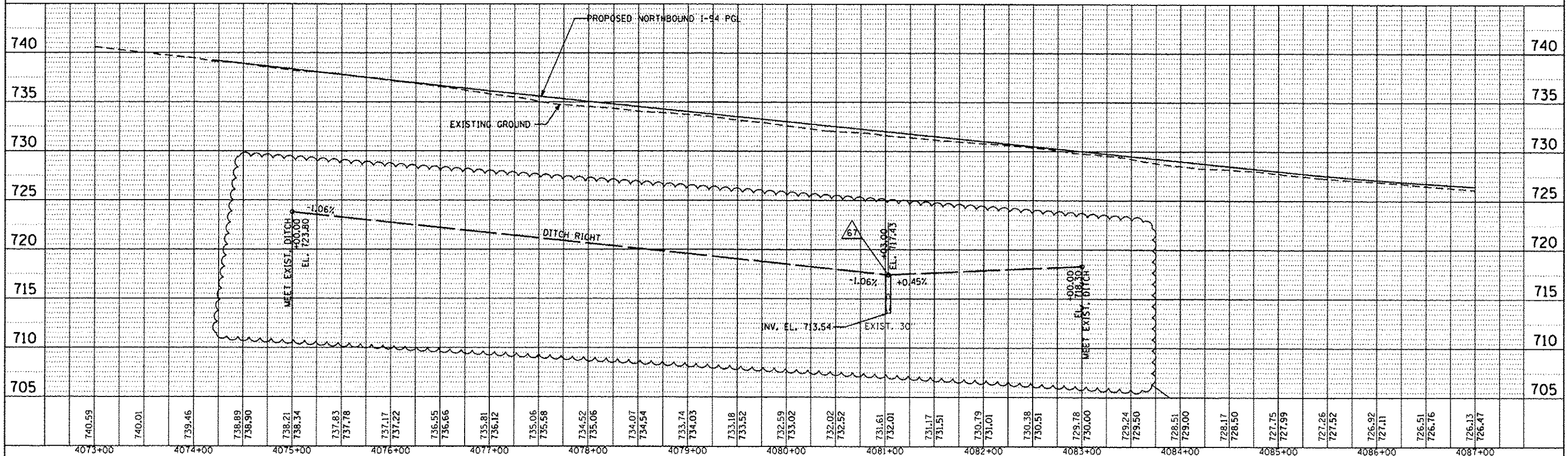


FILE NAME : D:\B\77-ent\drainage profile.dgn	USER NAME : default	DESIGNED - JAM	REVISED - 07/17/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE NORTHBOUND I-94			F.A. RTE. 94 SECTION 49-1-R-1 COUNTY LAKE CONTRACT NO. 60L77
PLOT SCALE = 1/4" = 10'	CHECKED - RGR	REVISIONS	SCALE: 1" = 50'		SHEET NO. 2 OF 14 SHEETS	STA. 4008+00.00 TO STA. 4038+00.00	TOTAL SHEETS 202	
PLOT DATE = 7/17/2012	DATE - 6/19/2012						ILLINOIS FED. AID PROJECT	

PLAN	PROJECT NO.	DATE
NO. 1	60177	7/17/2012
	DESIGNED BY	
	DRAWN BY	
	CHECKED BY	
	DATE	

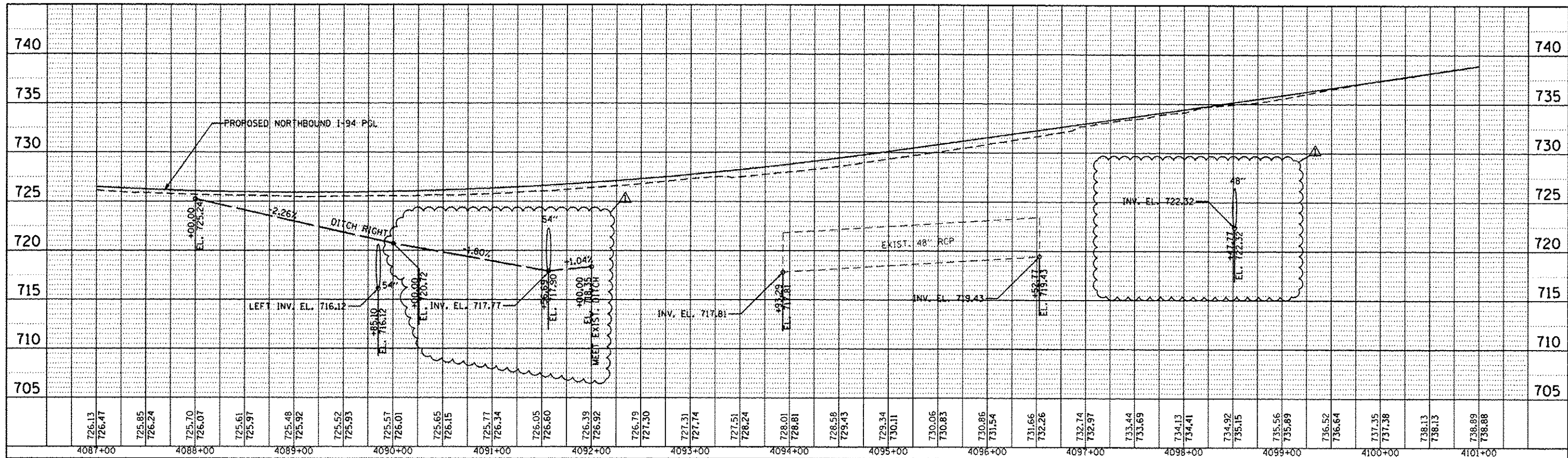


PROFILE	PROJECT NO.	DATE
NO. 1	60177	7/17/2012
	DESIGNED BY	
	DRAWN BY	
	CHECKED BY	
	DATE	

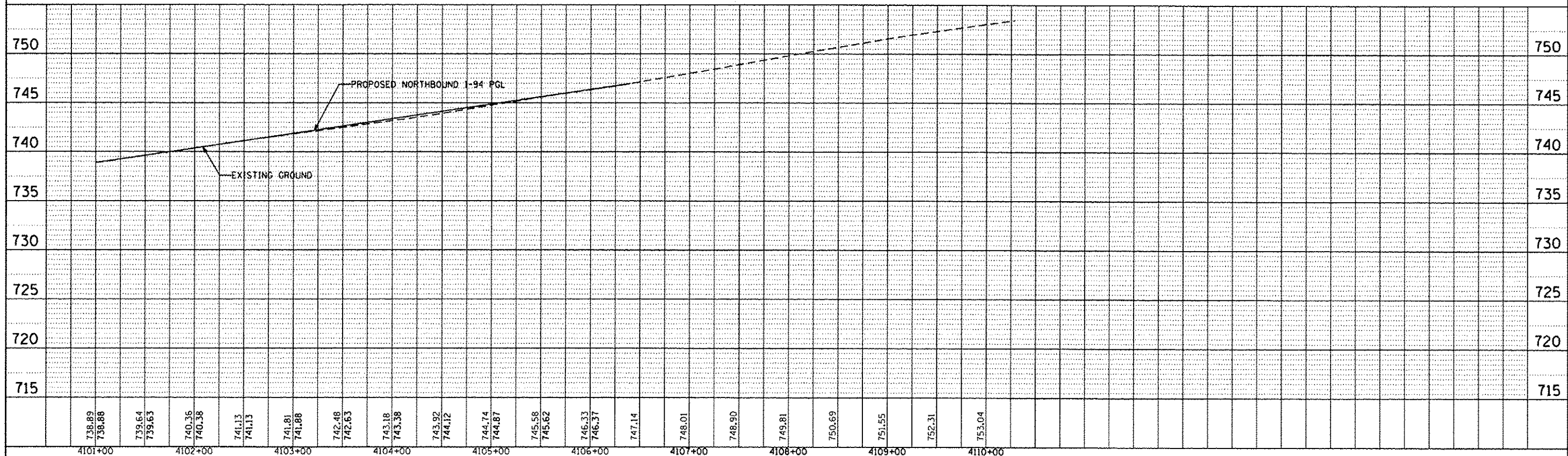


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	PLOT SCALE : 1/4"=1'-0"	DRAWN - JAM	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 14 SHEETS	STA. 4038+00.00 TO STA. 4087+00.00	CONTRACT NO. 60L77		ILLINOIS FED. AID PROJECT		
	PLOT DATE : 7/17/2012	CHECKED - RGR	REVISED -									
		DATE - 6/19/2012	REVISED -									

PLAN	SUBMITTED	DATE
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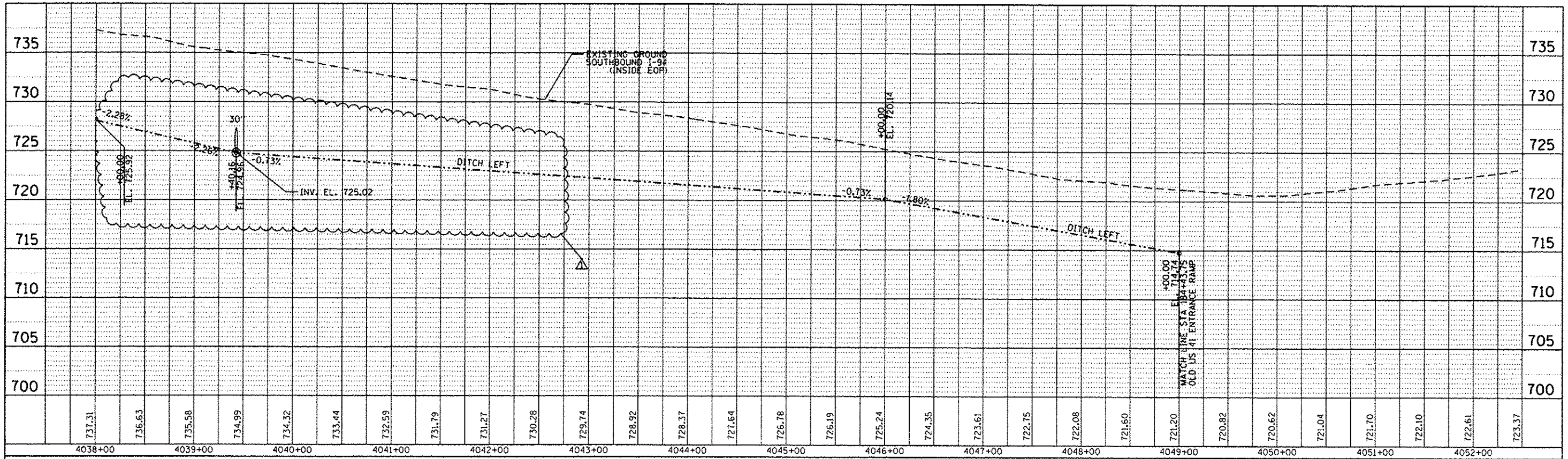


PROFILE	SUBMITTED	DATE
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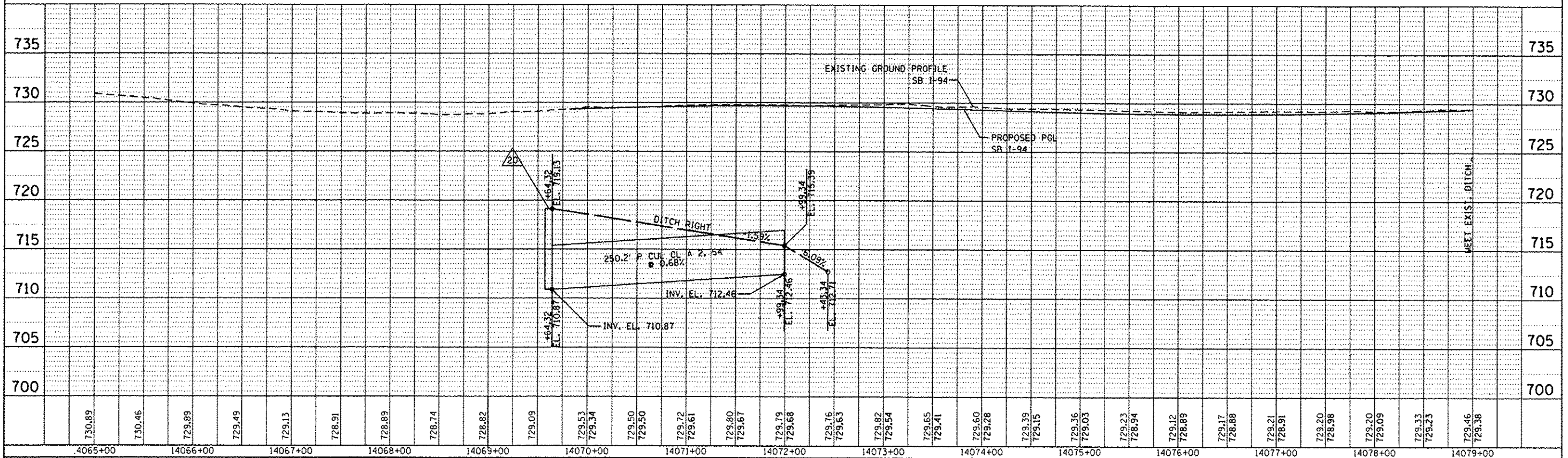


FILE NAME : D:\60L77-shs\drainage profile.dgn	USER NAME = default	DESIGNED - JAM	REVISED 07/17/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE NORTHBOUND I-94		F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 204	
	PLOT SCALE = 1/8"=1' 1/2"=5'	DRAWN - JAM	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 14 SHEETS	STA. 4087+00.00 TO STA. 4110+00.00	CONTRACT NO. 60L77		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 7/17/2012	CHECKED - RGR	REVISED -									
		DATE - 6/19/2012	REVISED -									

PLAN	DATE
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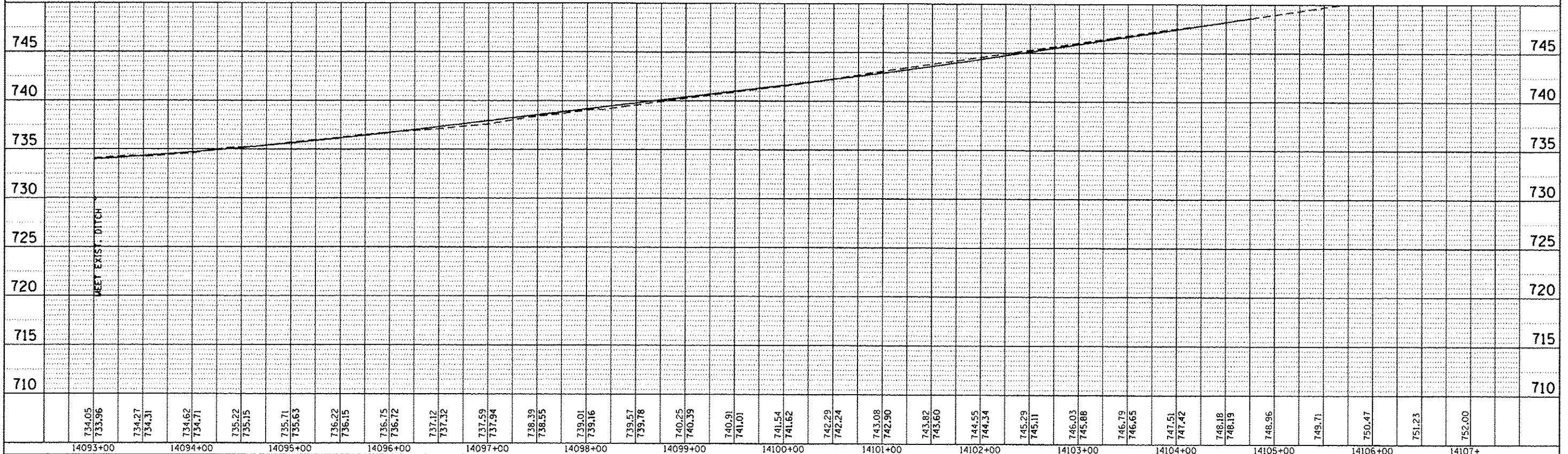
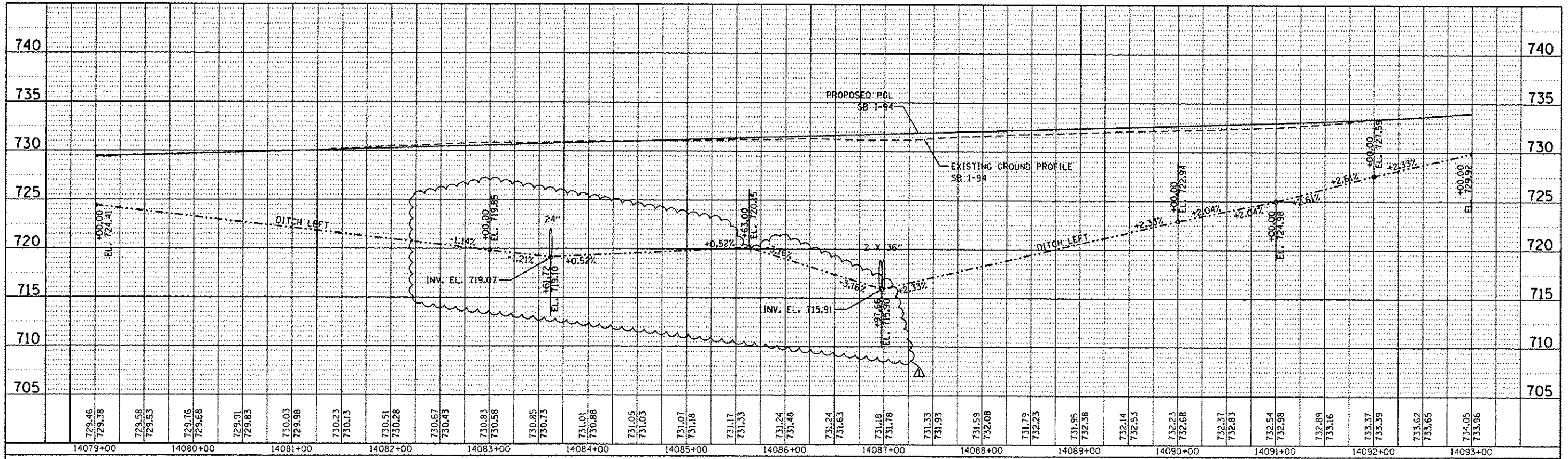
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FILE NAME : 0168.77-shd-drainage profile.dgn	USER NAME : default	DESIGNED - JAM	REVISED - 07/17/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE SOUTHBOUND I-94			F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 207	
PLOT SCALE = 1/4"=1'-0" 1/8"=1'-0"					SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 4038+00.00 TO STA. 14079+00.00	CONTRACT NO. 60L77					
PLOT DATE = 7/17/2012					DATE - 6/19/2012	ILLINOIS FED. AID PROJECT							

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WKS. CHECKED		
	NO.		

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WKS. CHECKED		
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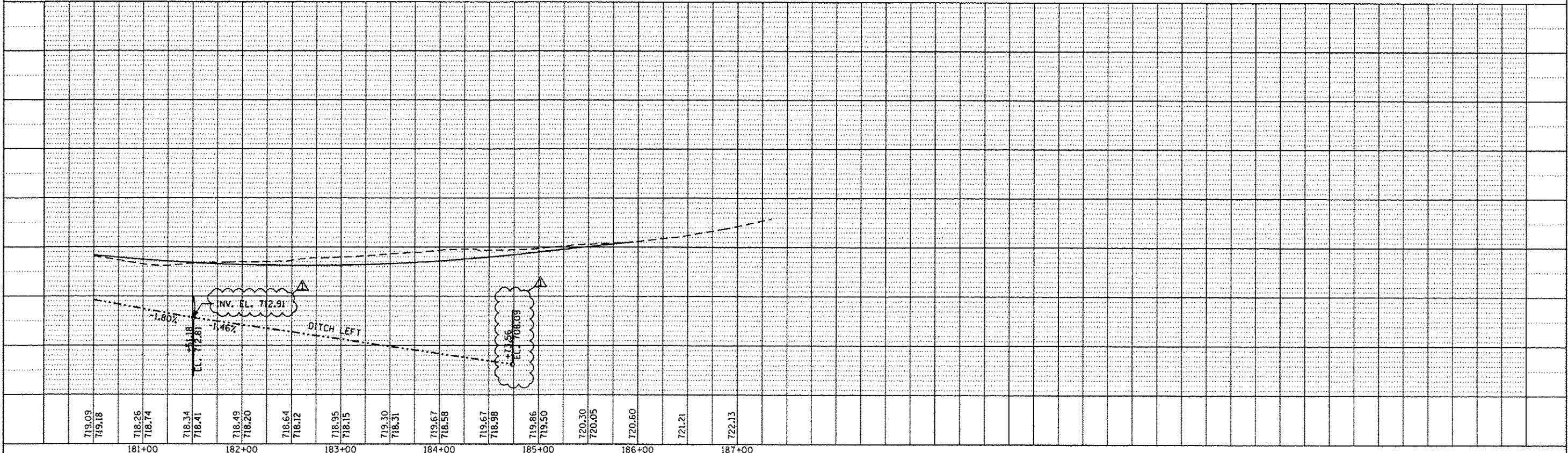
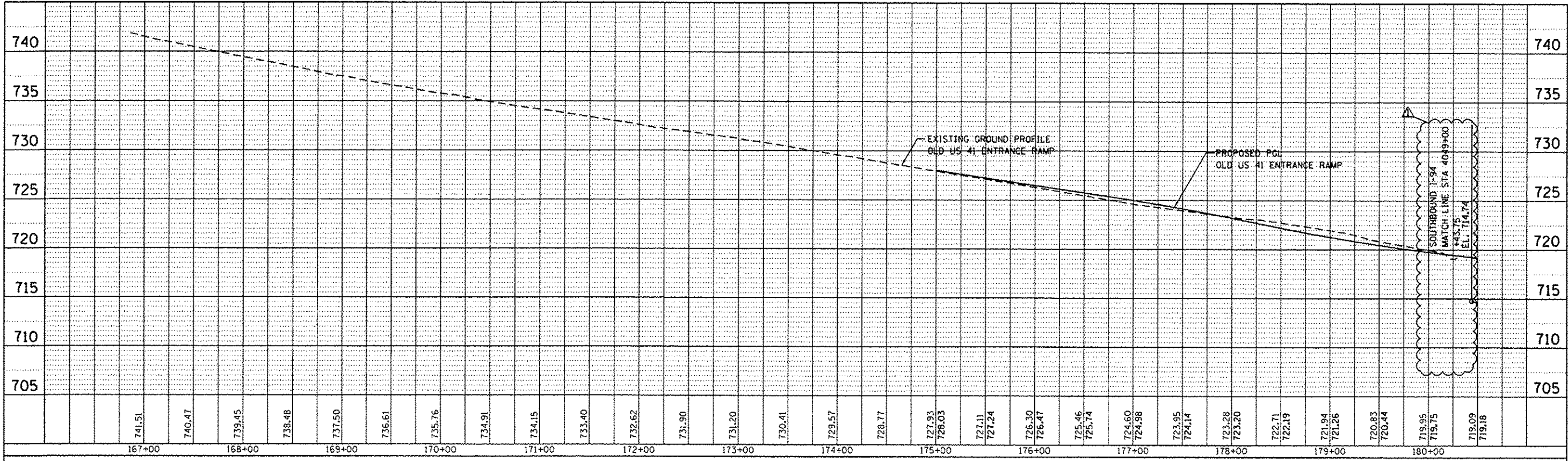
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILE			
SOUTHBOUND I-94			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 14079+00.00 TO STA. 14107+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	208
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

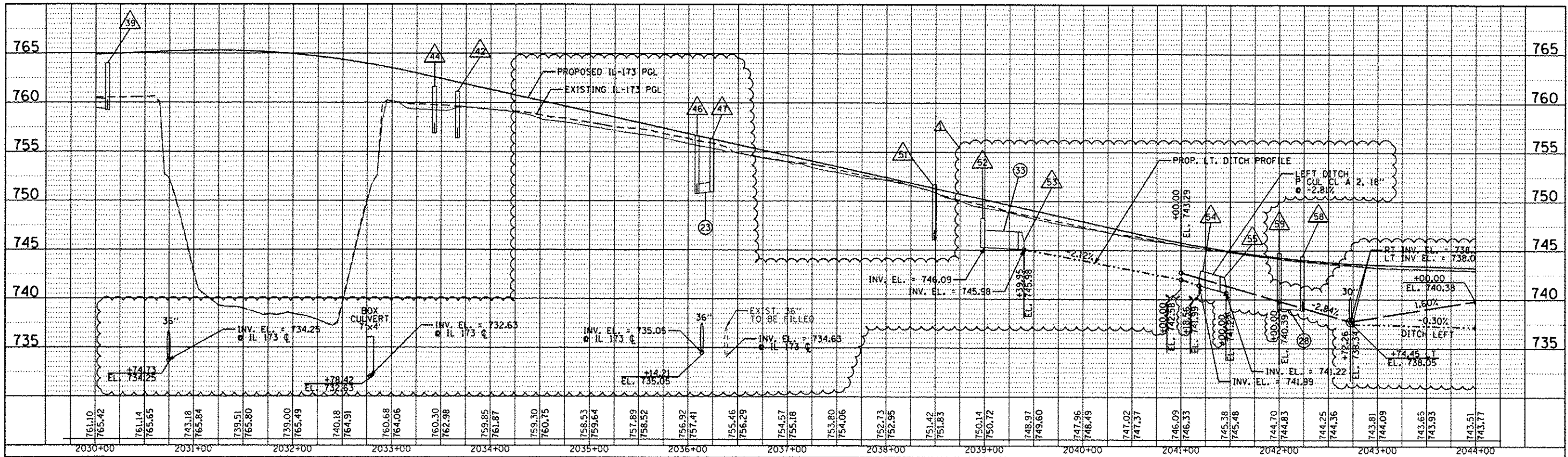
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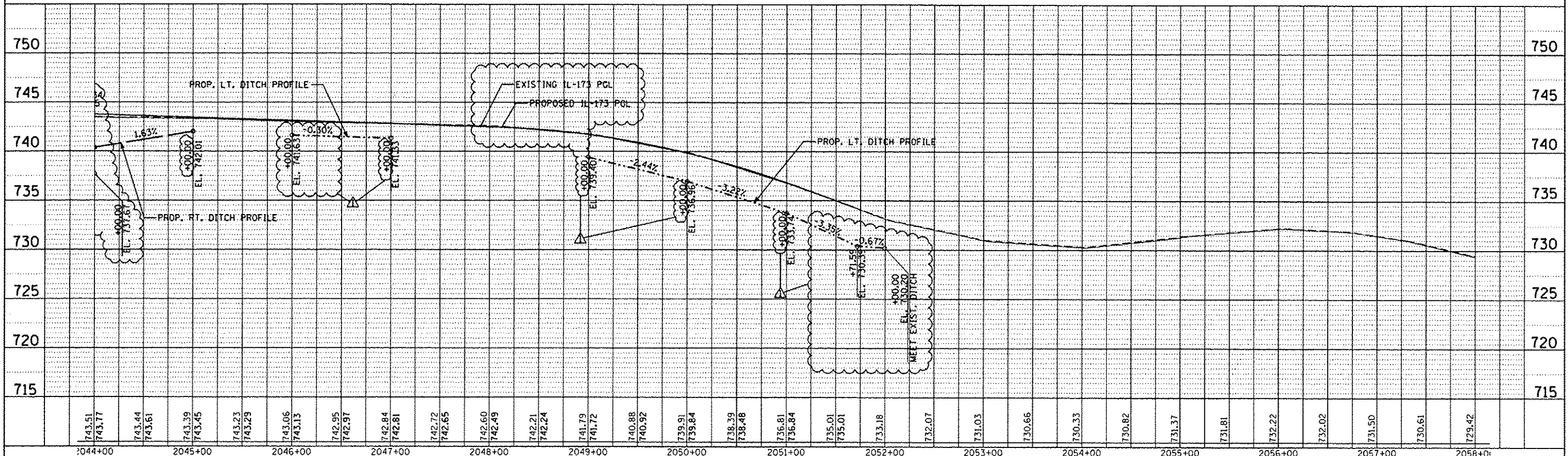


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	PLOT SCALE: 1/4"=1'-0"	DRAWN: JAM	REVISED:		SCALE: 1"=50'	SHEET NO. 10 OF 14 SHEETS	STA. 167+00.00 TO STA. 187+00.00	CONTRACT NO. 60L77		ILLINOIS FED. AID PROJECT		
	PLOT DATE: 7/17/2012	CHECKED: RGR	REVISED:									
		DATE: 6/19/2012	REVISED:									

PLAN	DATE
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PROFILE	DATE
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FILE NAME : 0160L77-shd-drainage profile.dgn	USER NAME : default	DESIGNED - JAM	REVISED - 07/17/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE ILLINOIS ROUTE 173			F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 214
	PLOT SCALE = 1/4"=1'-0"	DRAWN - JAM	REVISIONS -		SCALE: 1"=50'	SHEET NO. 14 OF 14 SHEETS	STA. 2030+00.00 TO STA. 2058+00.00	CONTRACT NO. 60L77				
	PLOT DATE = 7/17/2012	CHECKED - RGR	REVISIONS -		ILLINOIS FED. AID PROJECT							
		DATE - 6/19/2012	REVISIONS -									

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
• JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	244								244	
JS813001	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STURCTURE, 20" X 12" X 8"	EACH	1								1	
• JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	10								10	
• JS813073	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	1								1	
• JS814001	HANDHOLE, TOLLWAY	EACH	10								10	
• JS816074	UNIT DUCT, WITH 2-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 2" DIAMETER <i>COILABLE NonMETALLIC CONDUIT</i>	FOOT	891								891	
• JS816078	UNIT DUCT, WITH 4-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 2" DIAMETER <i>COILABLE NonMETALLIC CONDUIT</i>	FOOT	2,923								2,923	
• JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,356								1,356	
• JS821002	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	10								10	
• JS836001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	18								18	
• JS836005	LIGHT POLE FOUNDATION (ROADWAY) MEDIAN, TYPE 1	EACH	1								1	
• JS842080	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	1								1	
• JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	6								6	
• JS842105	POLE FOUNDATION, REMOVED	EACH	20								20	

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• SPECIALTY ITEMS

FILE NAME = #FILES#	USER NAME = default	DESIGNED - JMC	REVISED -
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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 26 OF 29 SHEETS STA. NA TO STA. NA

P.A. RTE. 94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	LAKE	677	28A
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

Rev. 7-23-12

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SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL, 10% STATE				100% ISTHA			100% LOCAL NTFPD
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY
JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1							1	
JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	21,814					21,814			
JT525125	BONDED PREFORM JOINT SEAL, 2 INCH	FOOT	84					84			
JT544030	CULVERT TO BE CLEANED, 30" DIAMETER	FOOT	201					201			
JT594010	SLOPED HEADWALL, TYPE III, 10"	EACH	1					1			
JT594015	SLOPED HEADWALL, TYPE III, 15"	EACH	6					6			
JT594018	SLOPED HEADWALL, TYPE III, 18"	EACH	1					1			
JT594024	SLOPED HEADWALL, TYPE III, 24"	EACH	1	1							
JT594030	SLOPED HEADWALL, TYPE III, 30"	EACH	2					2			
JT601900	TRENCH DRAIN	FOOT	358					358			
JT637023	CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F	FOOT	65					65			
JT780JA1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	FOOT	44,736							44,736	
JT780JC1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE	FOOT	33,251							33,251	
JT780JE1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE	FOOT	7,407							7,407	
JT780JG1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE	FOOT	87							87	

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• SPECIALTY ITEMS

FILE NAME - #FILES*	USER NAME - default	DESIGNED - JMG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JMG	REVISED -			94	49-1-R-1	LAKE	677	288	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			SCALE: NA	SHEET NO. 27 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT	

S:\181056_1\ADDON\802.77 IL 17360L77 Sheet.dwg

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD		
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY	
JT780JH1	GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS - TYPE I	SO FT	254								254	
JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SO FT	28,261								28,261	
JT804001	ELECTRICAL CONNECTION TO LIGHTING CONTROLLER	EACH	1								1	
JT804002	ELECTRIC POWER CONNECTION	EACH	1								1	
JT836010	RTMS POLE FOUNDATION STEEL HELIX (12 FT.)	EACH	3								3	
JT836012	CAMERA POLE FOUNDATION STEEL HELIX (10 FT.)	EACH	2								2	
X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	76			76						
X8130390	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 12"X10"X6"	EACH	4			4						
83050945	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2- 10 FT. DAVIT ARMS	EACH	2			2						
X0327425	RELOCATE WIRELESS INTERCONNECT (COMPLETE)	L SUM	1			1						
J5816025	UNIT DUCT, WITH 4-1C NO. 2 AND 1/C NO.4 GROUND, 600V (XLP-TYPE USE), 2" DIAMETER <i>COILABLE NONMETALLIC CONDUIT</i>	FOOT	836								836	
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	2			2						
83050965	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-15 <i>FT.</i> DAVIT ARMS	EACH	1			1						
	WOOD POLE, 60 FOOT, CLASS 4	EACH	1			1						

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• SPECIALTY ITEMS

FILE NAME - 4FILE54	USER NAME - default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 28 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 28C
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\11010511\005\001\77 IL 473\60L77 Summary\0160L77-INT-000.dgn

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FEDERAL, 10% STATE				100% ISTHA		100% LOCAL NTFPD			
				0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0040 RETAINING WALL SN 049-W045	0003 ROADWAY	0010 BRIDGE SN 049-0535	0021 SAFETY	0021 SAFETY		
	<i>URBAN</i>												
87301740	ELECTRIC CABLE, COMMUNICATION, NO. 22 4 PAIR <i>IN CONDUIT</i>	FOOT	942			942							
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	96								96		
81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1,452								1,452		
JS804100	ELECTRIC SERVICE INSTALLATION	EACH	2								2		
JS810824	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	81								81		
JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	96								96		
JS816033	UNIT DUCT, WITH 2-1/C NO. 6 AND 1/C NO. 8 GROUND, (600V) (XLP-TYPE USE), 2" DIA. <i>CNC</i>	FOOT	4,087								4,087		
JS830030	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	5								5		
JS830033	TEMPORARY WOOD POLE, 70 FT., CLASS 3	EACH	1								1		
JS836011	REMOVE/RELOCATE RTMS POLE FOUNDATION (ROADWAY) STEEL HELIX (12 FT.)	EACH	5								5		
JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2								2		
JT132603	POLE MOUNTED CAMERA ASSEMBLY WITH FOC AND WITHOUT WIRELESS	EACH	4								4		
JT135024	CCTV CAMERA SITE MODIFICATION	EACH	2								2		
JT135002	AC POWERED RTMS ASSEMBLY	EACH	1								1		
JT135046	TRAILER MOUNTED PORTABLE CCTV CAMERA ASSEMBLY	EACH	1								1		
JT135051	POLE MOUNTED RTMS ASSEMBLY	EACH	1								1		
JT135052	REMOVE/RELOCATE POLE MOUNTED RTMS ASSEMBLY	EACH	3								3		
JT135053	REMOVE/RELOCATE POLE MOUNTED CAMERA ASSEMBLY	EACH	3								3		
JT135061	REAIMING RTMS UNITS	L SUM	1								1		
JT836012	CAMERA POLE FOUNDATION STEEL HELIX (10 FT.)	EACH	2								2		
JT836013	REMOVE AND RELOCATE RTMS POLE	EACH	5								5		
JS810842	UNDERGROUND CONDUIT, PVC COATED GALVANIZED STEEL, 2" DIA.	FOOT	18								18		
JS810843	UNDERGROUND CONDUIT, PVC COATED GALVANIZED STEEL 3" DIA.	FOOT	43								43		
XX004339	BIKE PATH APPROACH GUARDRAIL ADJUSTMENT	FOOT	624									624 +	
20076600	<i>TRAINEES</i>	HOUR	3500	3500									
20076604	<i>TRAINEES- TRAINING PROGRAM GRADUATE</i>	HOUR	3500	3500									

+ ITEMS HAVE A 80% STATE/20% LCFPD PARTICIPATION BREAKDOWN

• SPECIALTY ITEMS
00042

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Rev. 7-23-12

FILE NAME - 6/15/12	USER NAME - default	DESIGNED - JMG	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.S. RATE 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 280	CONTRACT NO. 60177
PLDT SCALE - 1/8"=1'-0"	CHECKED - ROR	REVISIONS -	SCALE: NA			SHEET NO. 29 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT		
PLDT DATE - 6/19/2012	DATE - 6/19/2012	REVISIONS -									