

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	617	1
ILLINOIS			CONTRACT NO. 60L77	

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

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**DESIGN DESIGNATION**

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

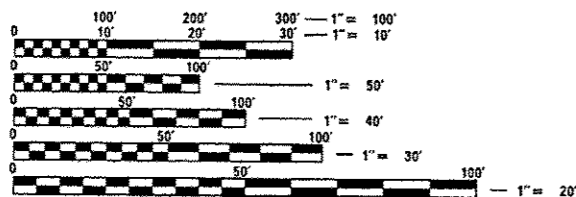
IL 173  
3,820(30) ARTERIAL 7.54(PCC-20)

**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

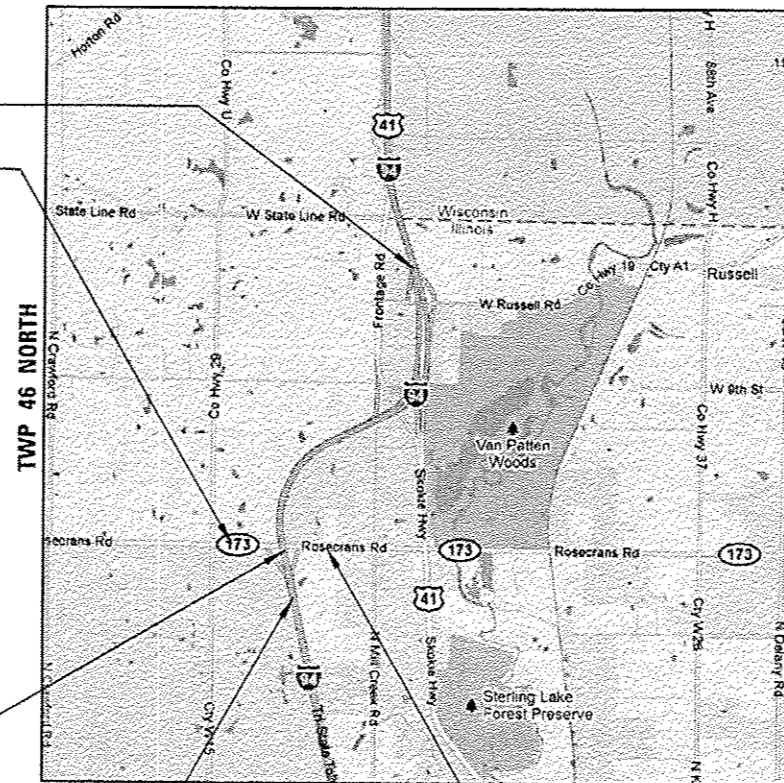
CONTRACT NO. 60L77

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

RANGE 11E, 3RD PRINCIPAL MERIDIAN

PROJECT ENDS  
STA. 4105 + 52.38

PROJECT BEGINS  
STA. 2016 + 08.15



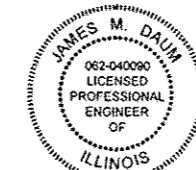
PROJECT BEGINS  
STA. 3978 + 89.91

SCALE 1" = 3000'

PROJECT ENDS  
STA. 2051 + 71.59

GROSS LENGTH = 13,783.52 FT. = 2.61 MILES  
NET LENGTH = 12,820.52 FT. = 2.43 MILES

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



SIGNED: *James M. Daim*

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: \_\_\_\_\_



LOCATION OF SECTION INDICATED THUS: - [Black Box] -

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 P.E.*  
acting ENGINEER OF DESIGN AND ENVIRONMENT  
June 29, 2012  
*William R. Freyer*  
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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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.

**BOWMAN, BARRETT & ASSOCIATES INC.**  
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 312.228.0100  
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**IDOT STANDARD DRAWINGS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420201-07	ENTRANCE RAMP TERMINAL JOINTED PCC RAMP PVMT ADJ TO JOINTED PCC MAINLINE PVMT
420301-04	EXIT RAMP TERMINAL JOINTED PCC RAMP PVMT ADJ TO JOINTED PCC MAINLINE PVMT
420401-06	BRIDGE APPROACH PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONC END SEC FOR PIPE CULV 15"-36" DIA AT RT ANGLES WITH RDWY
542106-02	REINFORCED CONC END SEC FOR PIPE CULV 42"-60" DIA AT RT ANGLES WITH RDWY
542116-02	REINFORCED CONC END SECT FOR MULT PIPE CULV 15"-36" DIA AT RT ANGLES W/RDWY
542206-02	REINFORCED CONC END SEC FOR PIPE CULV 42"-60" DIA, SKEWED WITH RDWY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE TYPE A
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604071-04	FRAME AND GRATE TYPE 20
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B6.24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLAND AND MEDIANS
630001-07	STEEL PLATE BEAM GUARDRAIL
630201-05	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-06	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
643001	SAND MODULE IMPACT ATTENUATORS
665001-02	WOVEN WIRE FENCE
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W DAY ONLY FOR SPEEDS > 45 MPH
701206-03	LANE CLOSURE, 2L, 2W NIGHT ONLY FOR SPEEDS > 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701400-05	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS >=45 MPH TO 55 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION FOR SPEEDS > 45 MPH
701446-03	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT

**IDOT STANDARD DRAWINGS**

731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKING
782001	PRISMATIC CURB REFLECTORS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

**TOLLWAY STANDARD DRAWINGS**

A5-01	J.P.C. PAVEMENT 12" OR LESS
A7-01	PAVEMENT JOINTS
A14-00	JOINTING PLAN ENTRANCE RAMP TERMINAL
A15-00	JOINTING PLAN EXIT RAMP TERMINAL
B1-04	GUTTER AND CURB DETAILS
B2-04	TYPE G-2 AND G-3 GUTTER TRANSITIONS
B3-04	TYPE G-2/G-3 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T6
B4-01	DITCHES AND DITCH DIKE
B6-03	HEADWALL TYPE III 18"-24"-30"-36"-42"-48" FOR 1:4, 1:6 AND 1:10 SLOPES
B7-01	CATCH BASIN TYPE B AND SLOPE DRAIN INLET
B8-02	CATCH BASINS TYPE G AND TYPE G MODIFIED, FRAMES AND GRATES TYPE G-2, G-3 AND G-3 MODIFIED
B10-05	SLOPED HEADWALLS TYPE III DETAILS
B12-02	TRENCH DRAIN DETAIL
B13-03	SAFETY END TREATMENT FOR SINGLE CULVERT 0 SKEW; 1:4 SLOPE; H < 4'
B19-01	EROSION PROTECTION
B24-01	PIPE UNDERDRAINS
B29-00	GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)
B30-01	HEADWALLS TYPE I AND TYPE II
C1-05	GALVANIZED STEEL PLATE BEAM GUARDRAIL
C6-03	SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL TYPE T1 (SPECIAL)
C7-03	TRAFFIC BARRIER TERMINAL, TYPE T2
C10-03	TRAFFIC BARRIER TERMINAL, TYPE T6B
C11-03	TRAFFIC BARRIER TERMINAL, TYPE T10
C13-00	CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F AT BRIDGE PIERS
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D5-03	PERMANENT PAVEMENT MARKINGS
D6-01	PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS
D8-00	RAISED PAVEMENT LANE MARKER
E1-02	CONSTRUCTION SIGNS
E2-02	LANE CLOSURE DETAILS
E3-02	SHOULDER CLOSURE DETAILS
E4-02	MAINTENANCE OF TRAFFIC REVERSE CURVE
E5-02	TEMPORARY GORE DETAILS
E6-00	CONTRACTOR ACCESS TO WORK AREA
F4-01	OVERHEAD SIGN STRUCTURE CANTILEVER TYPE, STEEL
F7-01	OVERHEAD SIGN STRUCTURE CANTILEVER TYPE, STEEL DRILLED SHAFT IN SOIL, BARRIER WALL
F8-02	OVERHEAD SIGN STRUCTURE SIGN & LUMINAIRE SUPPORTS
G3-02	APPROACH SLAB TO J.P.C. PAVEMENT, MAINLINE
H1-01	LIGHT STANDARD FOUNDATION
H2-01	LIGHT STANDARD POLE WIRING
H3-01	WINGWALL CONDUIT DETAILS
H5-01	SERVICE POLE AND PEDESTAL DETAILS/WIRING MODIFICATIONS AT EXISTING LIGHT STANDARDS
K1-02	TEMPORARY EROSION AND SEDIMENT CONTROLS

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS AND STANDARD DRAWINGS**

FILE NAME - #FILES#	USER NAME - default	DESIGNED - RGR	REVISED -	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
		DRAWN - RGR	REVISED -		
		CHECKED - RGR	REVISED -		
		DATE - 6/19/2012	REVISED -		
CONTRACT NO. 60L77 ILLINOIS FED. AID PROJECT					

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**GENERAL NOTES**

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES.
2. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
3. 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.
4. 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.
5. 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.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
7. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
8. SAW CUTTING IS INCLUDED TO THE PROPOSED ITEM OF WORK SPECIFIED, UNLESS OTHERWISE SHOWN IN PLAN.
9. 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.
10. 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".
11. TEMPORARY EDGE LINES IN THE SUGGESTED MAINTENANCE OF TRAFFIC MUST BE INSTALLED BEFORE LANES REOPEN TO TRAFFIC.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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".
17. ADDITIONAL CAPPING AGGREGATE NECESSARY TO OBTAIN THE PROPOSED SHOULDER BOTTOM WILL BE INCLUDED IN THE SQUARE YARD PRICE FOR AGGREGATE SUBGRADE, 12".
18. ACCESS TO ALL BUSINESSES AND RESIDENCES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION UNLESS NOTED IN PLANES.
19. 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.
20. 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.

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FILE NAME - 4FILES4	USER NAME - default	DESIGNED - RGR	REVISED -
		DRAWN - RGR	REVISED -
PLOT SCALE - 1/4"=1'-0"		CHECKED - RGR	REVISED -
PLOT DATE - 6/19/2012		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**IDOT DISTRICT 1 STANDARD DRAWINGS**

21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TOLLWAY ELECTRICIAN 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.
22. 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.
23. 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
24. 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.
25. DISTRIBUTORS: ALL DISTRIBUTORS FOR ASPHALT PAVING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORISTS' VEHICLES AND TO ADJACENT HIGHWAY APPURTENANCES.
26. 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.
27. ALL ELEVATIONS ARE BASED ON UNITED STATES COAST AND GEODETIC SURVEY DATUM. BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS.
28. 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.
29. 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.
30. 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
31. 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

- 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 TBT 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 FOUNDATION ON 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 SINGLE 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
- 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"
HOT-MIX ASPHALT SHOULDER, 9" (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	3 1/4"
HOT-MIX ASPHALT BASE COURSE, IL-9.5, MIX D, N50	2% @ 50 GYR	4"
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"

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/50 YD/INCH THICKNESS.
2. 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.
3. 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."
4. PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS", 10" THICK

**GENERAL NOTES**

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. 3
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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	
20100500	TREE REMOVAL, ACRES	ACRE	3	2					1			
20101000	TEMPORARY FENCE	FOOT	3,841	1,684					2,157			
20101100	TREE TRUNK PROTECTION	EACH	4	1					3			
20200100	EARTH EXCAVATION	CU YD	53,607	33,369					20,238			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20,623	11,418			1,200		8,005			
20400800	FURNISHED EXCAVATION	CU YD	124,896	71,289					53,607			
20800150	TRENCH BACKFILL	CU YD	80	78					2			
20900110	POROUS GRANULAR BACKFILL	CU YD	638							638		
*21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	96,476	48,538					47,938			
*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	3,405	731					2,674			

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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	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
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3,405	731					2,674			
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,405	731					2,674			
*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	507	219					288			
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	498	327					171			
28200200	FILTER FABRIC	SO YD	1,713						1,713			
28500400	ARTICULATED BLOCK REVETMENT MAT	SO YD	1,713						1,713			

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA    SHEET NO. 2 OF 29 SHEETS    STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	5
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		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	110,964	110,964									
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	73,153	73,153									
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	5,134	5,134									
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	614	614									
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,225	1,923					2,302				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (3")	TON	69	69									
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	66,949	43,607					23,342				
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	691						691				

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**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			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		
44001980	CONCRETE BARRIER REMOVAL	FOOT	132						132				
44003100	MEDIAN REMOVAL	SQ FT	8,088	8,088									
44004000	PAVED DITCH REMOVAL	FOOT	1,584	500					1,084				
44004250	PAVED SHOULDER REMOVAL	SO YD	61,022	12,665					48,357				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	5,777	5,777									
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	24,732						24,732				
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SO YD	7,038	7,038									
48300505	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"	SO YD	3,779	3,779									
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SO 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	SO YD	350	350									
50105220	PIPE CULVERT REMOVAL	FOOT	730	211					519				
50157300	PROTECTIVE SHIELD	SO YD	1,033		1,033								

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA SHEET NO. 4 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	7
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
50200100	STRUCTURE EXCAVATION	CU YD	1,348				700		648		
50300225	CONCRETE STRUCTURES	CU YD	<i>645.3</i>		<i>80.8</i>				<i>564.5</i>		
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	<i>485,890</i>		416,220		<i>5,320</i>	230	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**
51100100	SLOPEWALL 4 INCH	SO YD	1,566	87					1,479		
51201800	FURNISHING STEEL PILES HP14X73	FOOT	7,302						7,302		

\*\* THIS ITEM IS 100% LCDOT, CCS CODE 010, BRIDGE SN 049-0535  
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		DRAWN - JMG	REVISED -		SCALE: NA	SHEET NO. 5 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77				
		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	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	4	4										
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					
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	2	2										
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	4	4										
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	22	22										
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	15	15										
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. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 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			
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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	10
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	
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	3,136	1,379					1,757			
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			
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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA SHEET NO. 8 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	11
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		
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	3,075				3,075						
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	8				4				4		
*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	13				5				8		
63200310	GUARDRAIL REMOVAL	FOOT	10,609				6,912				3,697		

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FILE NAME - 4FILES4	USER NAME - default	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 12
	PLOT SCALE - 1/4"=1'-0"	DRAWN - JMG	REVISED -		SCALE: NA	SHEET NO. 9 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77				
	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	
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	274	274								
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	14	14								
67100100	MOBILIZATION	L SUM	1	0.7				0.3				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	26,763			18,726					8,037	
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	160			160						
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	238,126			113,364					124,762	
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						

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		DATE - 6/19/2012	REVISED -

**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
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	
			<i>URBAN</i>									
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SO FT	91,276			42,218					49,058	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	23,578			21,375					2,203	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	37,238			29,913					7,325	
*72000100	SIGN PANEL - TYPE 1	SO FT	302			263					39	
*72000200	SIGN PANEL - TYPE 2	SO FT	760			326					434	
*72000300	SIGN PANEL - TYPE 3	SO FT	5,364			4,202					1,162	
*72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2			2						
*72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	17			14					3	
*72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	250			184					66	
*72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	459			201					258	
*72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	3,215			2,100					1,115	
*72600100	MILE POST MARKER ASSEMBLY	EACH	21			8					13	
*72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	7,775			4,640					3,135	
*73000100	WOOD SIGN SUPPORT	FOOT	1,197			810					387	

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**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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	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	381			381							
*73400100	CONCRETE FOUNDATIONS	CU YD	51			51							
*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. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 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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		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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	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	
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	2,455			2,455						
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,092			892					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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		DATE - 6/19/2012	REVISED -

**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
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		
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	UNDERPASS 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							
83050775	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 10 FT. DAVIT ARM	EACH	104			104							
83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	19			19							
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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA SHEET NO. 15 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	18
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		
• 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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		DRAWN - JMG	REVISED -			94	49-1-R-1	LAKE	677	19	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			SCALE: NA	SHEET NO. 16 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AIG 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	
• 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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DATE = 6/19/2012

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	20
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

SCALE: NA SHEET NO. 17 OF 29 SHEETS STA. NA TO STA. NA

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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	250			250						
•89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3			3						
•89502380	REMOVE EXISTING HANDHOLE	EACH	1							1		

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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. 18 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	21
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>										
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	<i>REMOVE EXISTING FLARED END SECTION</i>	EACH	80	25				55					
X4811410	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	229					229					
△ 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									
△ X5420654	PIPE CULVERTS TO BE CLEANED 54"	FOOT	681	112				569					
X5428836	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36" (SPECIAL)	CU YD	5					5					

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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. 20 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	23
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	
X6025300	CATCH BASINS TO BE ADJUSTED (SPECIAL)	EACH	4					4				
X6060160	COMBINATION CONCRETE CURB AND GUTTER OUTLET, (SPECIAL)	EACH	2	2								
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	1,363	1,363								
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 -		SCALE: NA	SHEET NO. 21 OF 29 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT CONTRACT NO. 60L77				
		CHECKED - RCR	REVISED -										
		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		
			<i>URBAN</i>										
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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA SHEET NO. 22 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	25
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	
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								
Z0030332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	4					6			
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	16	16								
Z0030850	TEMPORARY INFORMATION SIGNING	SQ 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			
<del>Z0042002</del>	<del>POROUS GRANULAR EMBANKMENT, SUBGRADE</del>	<del>CU YD</del>	<del>17,869</del>	<del>11,123</del>					<del>6,746</del>			
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		
			<i>URBAN</i>										
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2			2							
J1312020	STABILIZED SUBBASE - HOT-MIX ASPHALT - 3"	SO YD	31,828					31,828					
J1420005	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	7,513					7,513					
J1481110	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6"	TON	2,311					2,311					
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	1,275									1,275	
*J1630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1,238									1,238	
*J1631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	3									3	
*J1631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1									1	
*J1637001	CONCRETE BARRIER BASE	FOOT	160									160	

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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. 24 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 27
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	
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	1								1	
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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	PLOT SCALE: 1/8"=1'-0" 1/4"=5'	DRAWN - JMG	REVISED -			SCALE: NA	SHEET NO. 26 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 60L77			
	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	
JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1								1	
JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	11,604					11,604				
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	417					417				
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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NA SHEET NO. 27 OF 29 SHEETS STA. NA TO STA. NA

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 288
ILLINOIS FED. AID PROJECT			CONTRACT NO. 6DL77	

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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	
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	
<del>JT836010</del>	<del>RTMS POLE FOUNDATION STEEL HELIX (12 FT.)</del>	<del>EACH</del>	<del>3</del>								<del>3</del>	
<del>JT836012</del>	<del>CAMERA POLE FOUNDATION STEEL HELIX (10 FT.)</del>	<del>EACH</del>	<del>2</del>								<del>2</del>	
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					
JS816025	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					
	<del>WOOD POLE, 60 FOOT, CLASS 4</del>	<del>EACH</del>	<del>1</del>				<del>1</del>					

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

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**EXISTING LEGEND**

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (Da) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (Db) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PVC CONDUIT
- (W) EXISTING POROUS GRANULAR BACKFILL

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
- (3) HOT-MIX ASPHALT SOULDERS, 6" (48203021)
- (4) SUBGRADE AGGREGATE 12 IN. (JT211A11)
- (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4b) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) STABILIZED SUBBASE - HMA, 3" (J1312020)
- (8) CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F (JT637023)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) LONGITUDINAL CONSTRUCTION JOINT.  
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, 12" (JOINTED))
- (11) CONCRETE BARRIER BASE (J1637001)
- (12) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (J1630002)
- (13) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)

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FILE NAME = \$FILES\$

USER NAME = default

PLOT SCALE = H1'-10" V1'-5"

PLOT DATE = 6/20/2012

DESIGNED - JMG

DRAWN - JMG

CHECKED - RGR

DATE - 6/19/2012

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

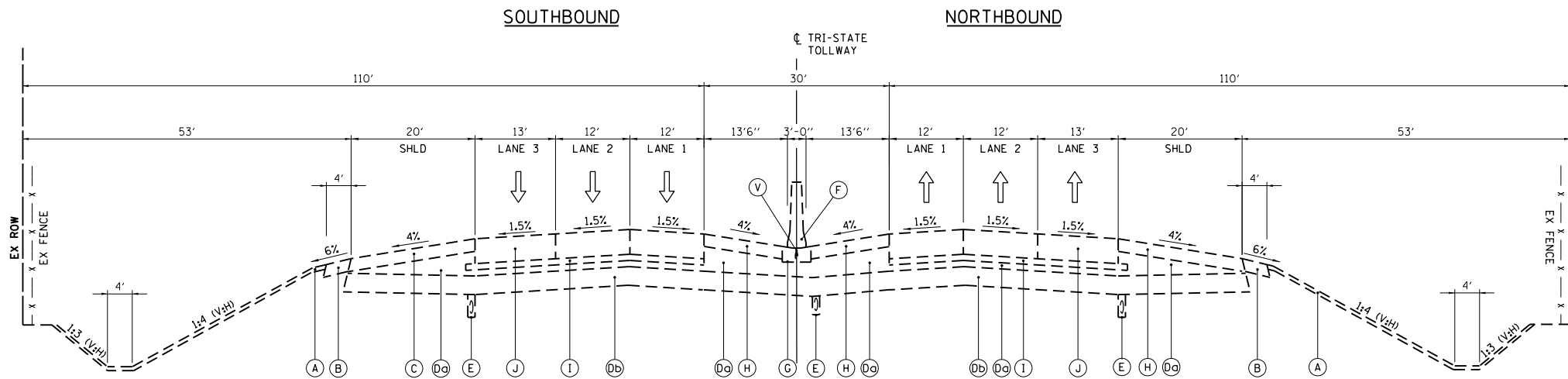
TYPICAL SECTIONS - I-94

SCALE: NA SHEET NO. 1 OF 15 SHEETS STA. NA TO STA. NA

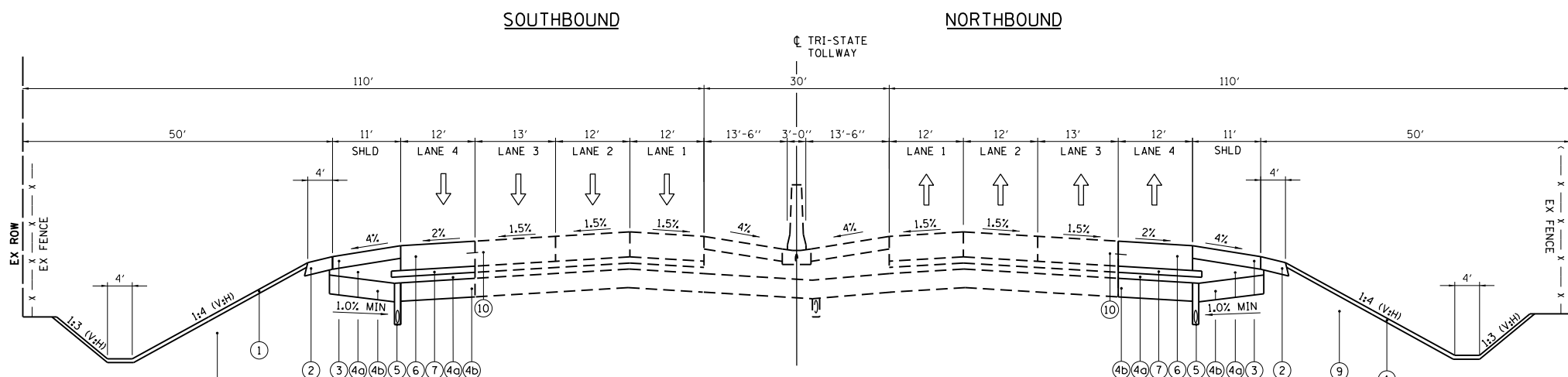
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CONTRACT NO. 60L77

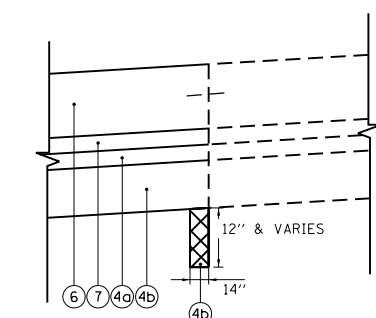
ILLINOIS FED. AID PROJECT



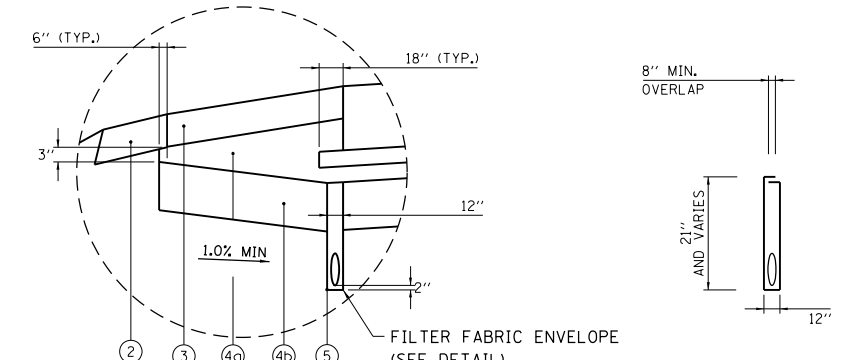
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**SB EXISTING / NB EXISTING**  
STA 3979+20.42 TO STA 3995+12.96 NB  
STA 3978+89.91 TO STA 3995+12.96 SB  
AND  
STA 4033+26.18 TO STA 4052+61.48 NB  
STA 4033+26.18 TO STA 4052+60.34 SB



**ISTHA**  
**SB PROPOSED / NB PROPOSED**  
STA 3979+20.42 TO STA 3995+12.96 NB  
STA 3978+89.91 TO STA 3995+12.96 SB  
AND  
STA 4033+26.18 TO STA 4052+61.48 NB  
STA 4033+26.18 TO STA 4052+60.34 SB



EXISTING PIPE UNDERDRAIN REMOVAL



TYPICAL SUB-GRADE AND SUB-BASE PLACEMENT UNDER SHOULDER

NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

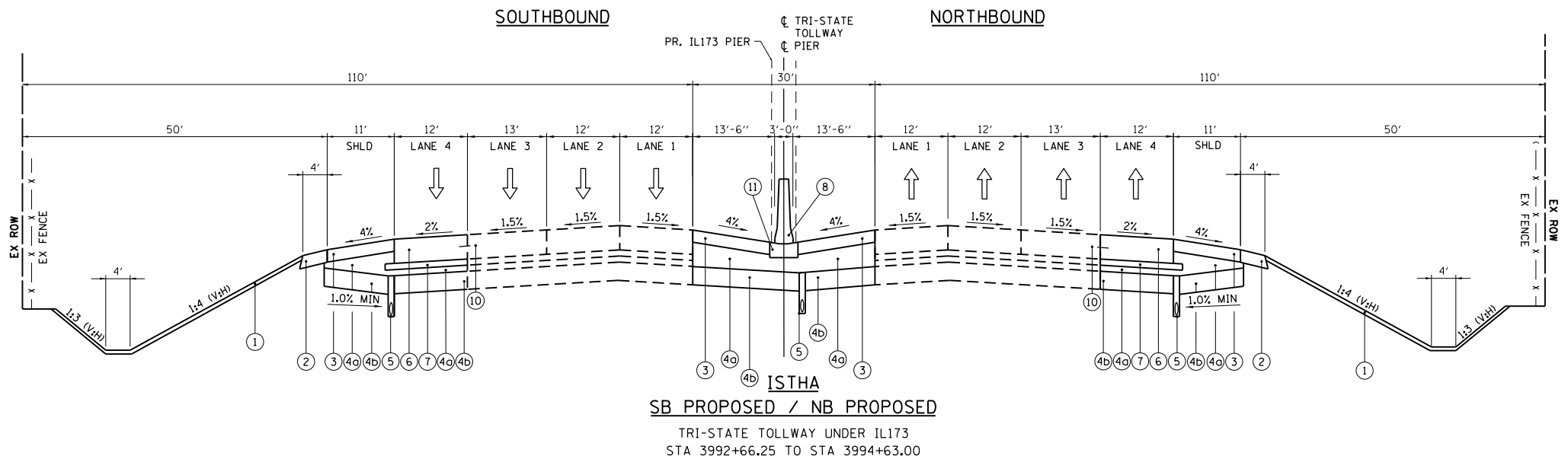
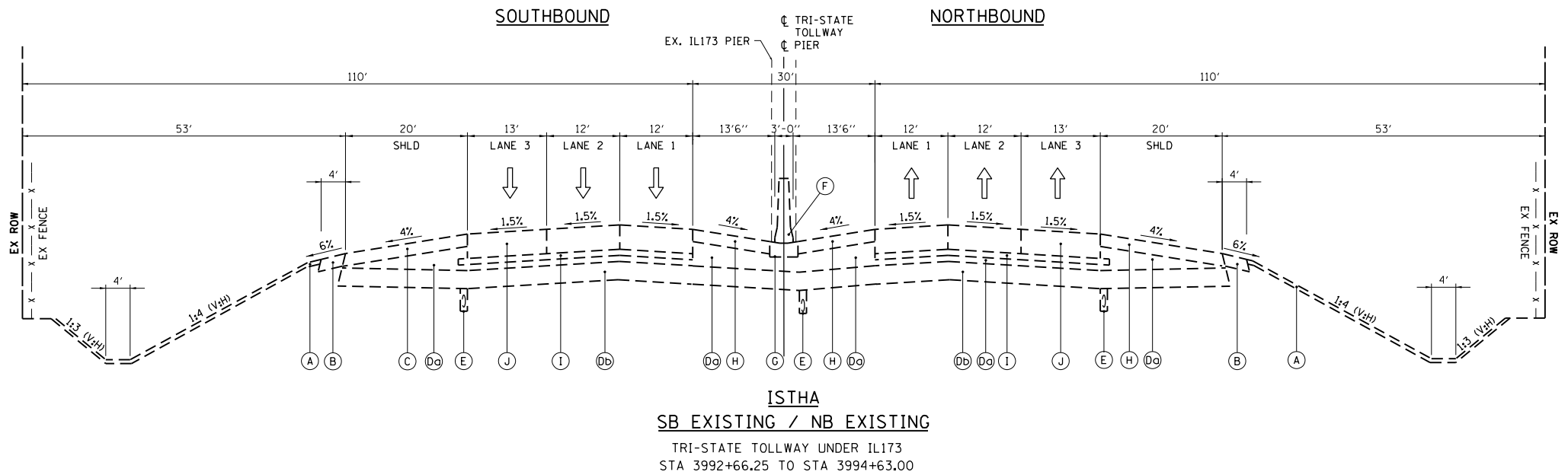
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**EXISTING LEGEND**

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (Dg) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (Db) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PVC CONDUIT
- (W) EXISTING POROUS GRANULAR BACKFILL

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
- (3) HOT-MIX ASPHALT SOULDERS, 6" (48203021)
- (4) SUBGRADE AGGREGATE 12 IN. (JT211A11)
- (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4b) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) STABILIZED SUBBASE - HMA, 3" (J1312020)
- (8) CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F (JT637023)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) LONGITUDINAL CONSTRUCTION JOINT.  
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, 12" (JOINTED))
- (11) CONCRETE BARRIER BASE (J1637001)
- (12) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (J1630002)
- (13) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)



NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - I-94

SCALE: NA SHEET NO. 2 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	30
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**EXISTING LEGEND**

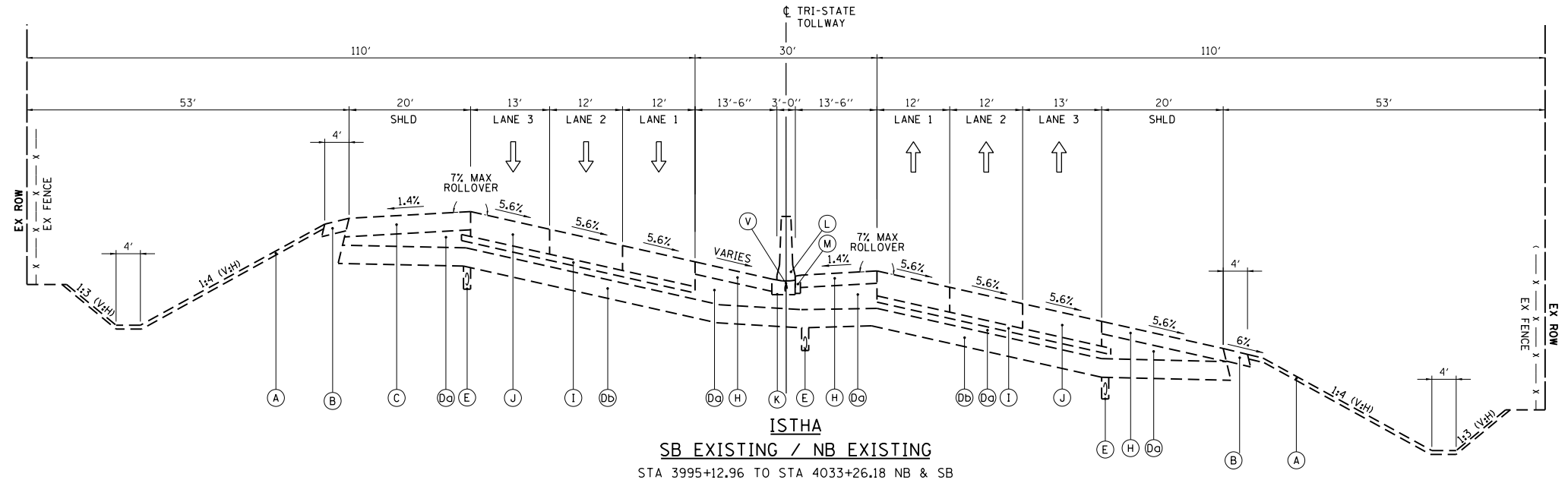
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (D<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (D<sub>b</sub>) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PVC CONDUIT
- (W) EXISTING POROUS GRANULAR BACKFILL

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)
- (3) HOT-MIX ASPHALT SOULDERS, 6" (48203021)
- (4) SUBGRADE AGGREGATE 12 IN. (JT211A11)
- (4<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4<sub>b</sub>) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) STABILIZED SUBBASE - HMA, 3" (JI312020)
- (8) CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F (JT637023)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) LONGITUDINAL CONSTRUCTION JOINT.  
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, 12" (JOINTED))
- (11) CONCRETE BARRIER BASE (JI637001)
- (12) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (JI630002)
- (13) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)

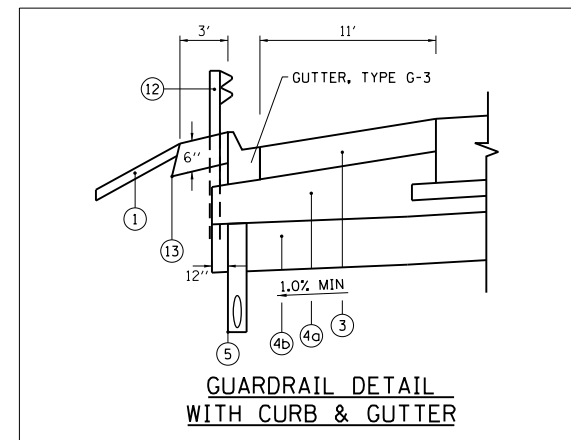
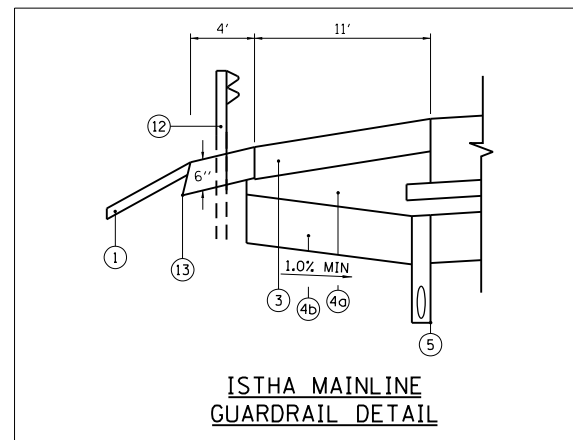
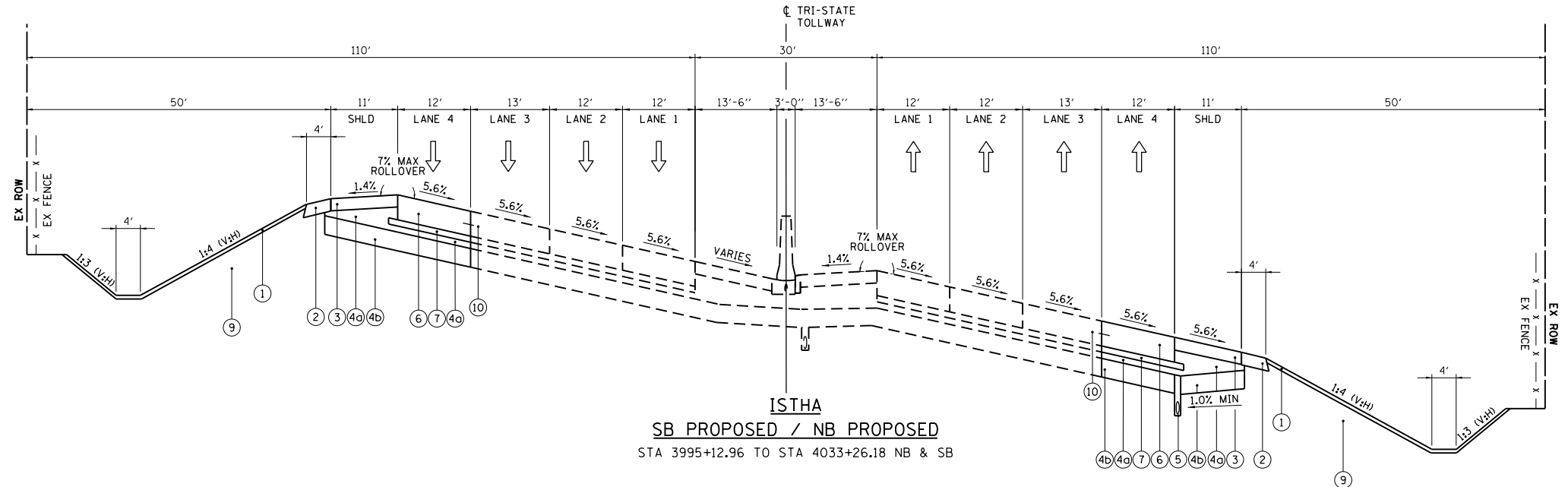
**SOUTHBOUND**

**NORTHBOUND**



**SOUTHBOUND**

**NORTHBOUND**



NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - I-94

SCALE: NA SHEET NO. 3 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	31
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**EXISTING LEGEND**

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (D<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (D<sub>b</sub>) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PVC CONDUIT
- (W) EXISTING POROUS GRANULAR BACKFILL

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (J1481110)
- (3) HOT-MIX ASPHALT SOULDERS, 6" (48203021)
- (4) SUBGRADE AGGREGATE 12 IN. (JT211A11)
- (4<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4<sub>b</sub>) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) STABILIZED SUBBASE - HMA, 3" (J1312020)
- (8) CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F (JT637023)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) LONGITUDINAL CONSTRUCTION JOINT.  
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, 12" (JOINTED))
- (11) CONCRETE BARRIER BASE (J1637001)
- (12) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (J1630002)
- (13) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)

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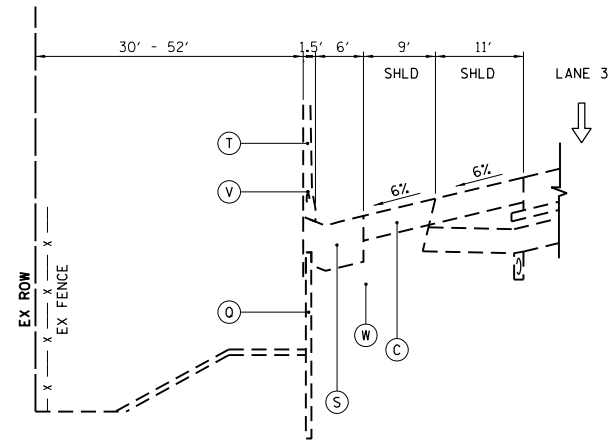
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - I-94**

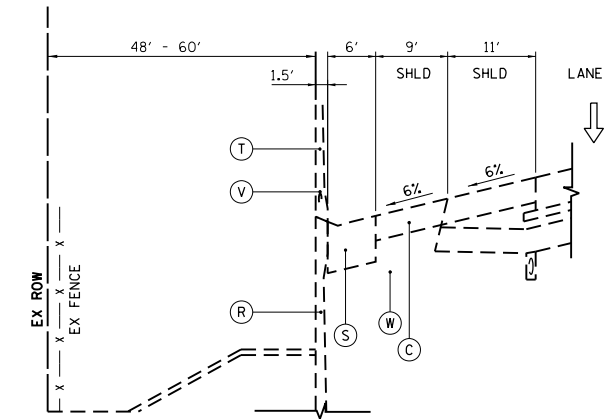
SCALE: NA SHEET NO. 5 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	33
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

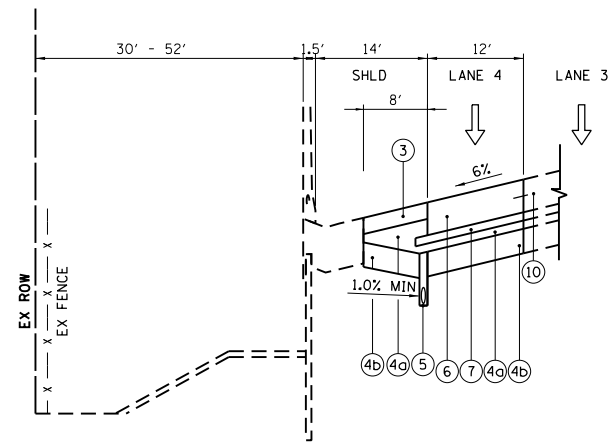


**ISTHA  
SB EXISTING**  
STA 14054+01.07 TO STA 14056+41.25 SB  
AND  
STA 14060+46.25 TO STA 14065+78.20 SB

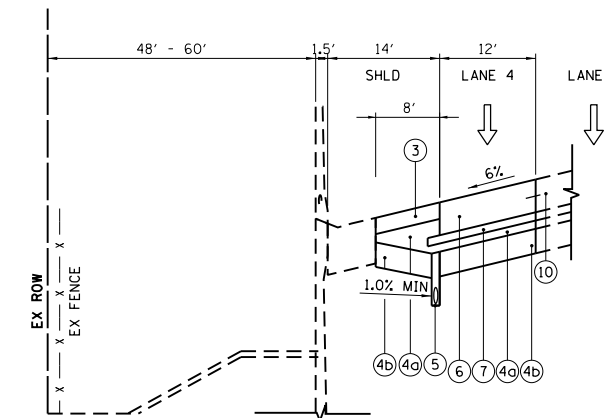
BRIDGE OMISSION  
STA 14056+41.25 TO STA 14058+50.26



**ISTHA  
SB EXISTING**  
STA 14058+50.26 TO STA 14060+46.25 SB



**ISTHA  
SB PROPOSED**  
STA 14054+01.07 TO STA 14056+41.25 SB  
AND  
STA 14060+46.25 TO STA 14065+78.20 SB



**ISTHA  
SB PROPOSED**  
STA 14058+50.26 TO STA 14060+46.25 SB

**TYPICAL SECTIONS AT RETAINING WALL**

NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN  
OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

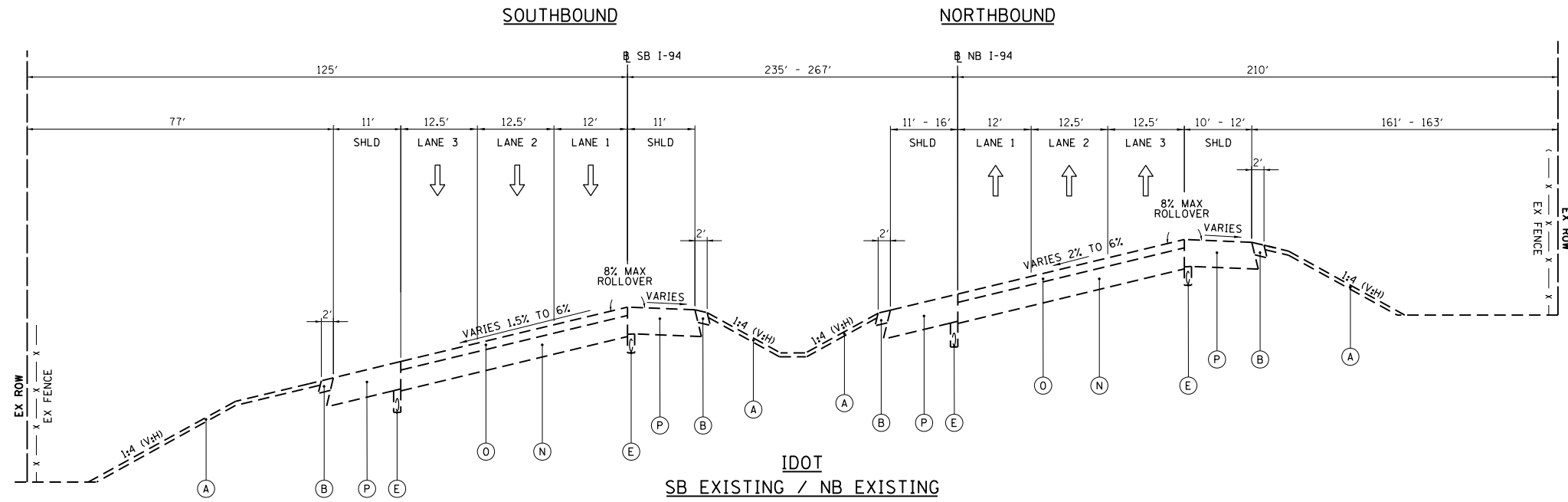
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**EXISTING LEGEND**

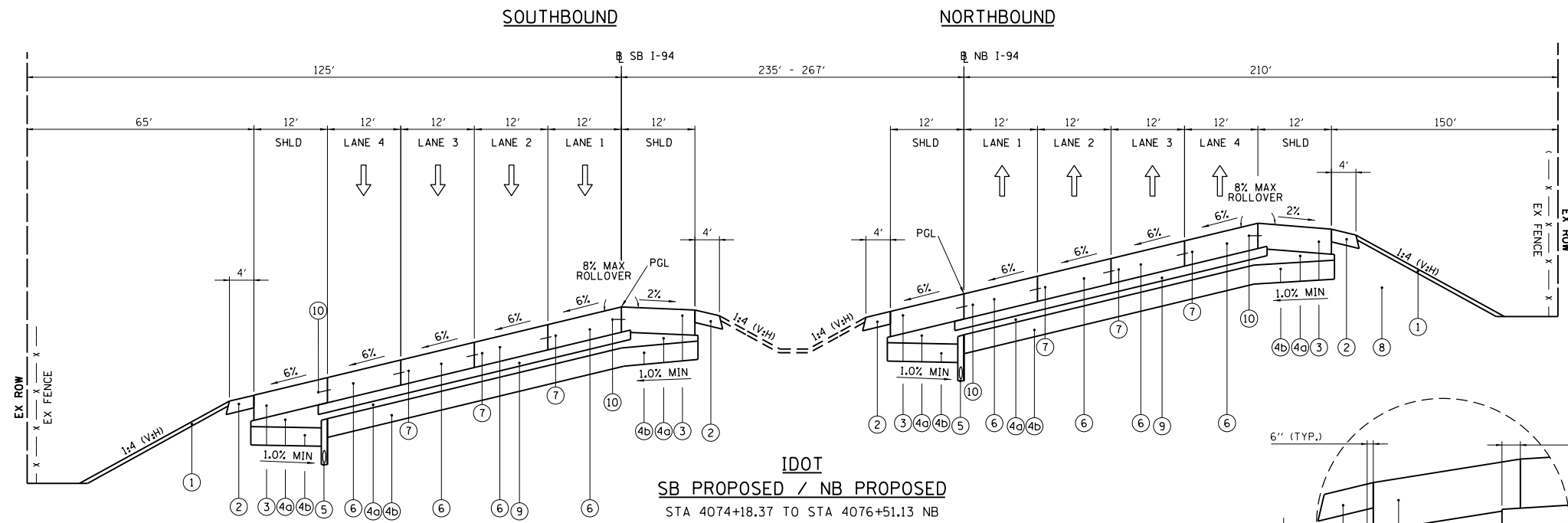
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (Da) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (Db) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PCC PAVEMENT, 12" DOWELED

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4b) 9" PGE
- (5) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) 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, 12" (JOINTED))
- (8) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (9) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (10) 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, 12")
- (11) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- (12) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)



**IDOT**  
**SB EXISTING / NB EXISTING**  
STA 4074+18.37 TO STA 4076+51.13 NB  
STA 14069+81.32 TO STA 14073+44.25 SB



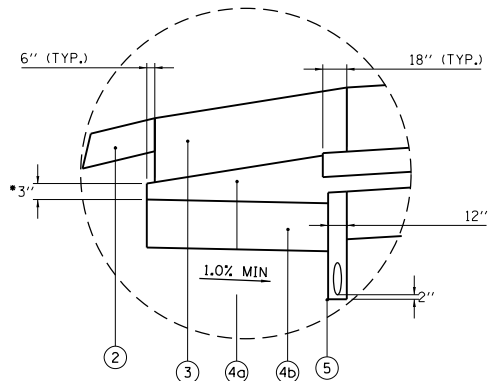
**IDOT**  
**SB PROPOSED / NB PROPOSED**  
STA 4074+18.37 TO STA 4076+51.13 NB  
STA 14069+81.32 TO STA 14073+44.25 SB

**I-94 - STRUCTURAL PAVEMENT DESIGN BLOCK**

STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV = 85,267	SU = 0
ROAD/STREET CLASSIFICATION:	MU = 12,854
P = 20%	CLASS I
S = 40%	M = 40%
TRAFFIC FACTOR:	ACTUAL TF = 71.66
	MINIMUM TF = 8.93
PG GRADE:	BINDER = N/A
	SURFACE = N/A
SUBGRADE SUPPORT RATING:	
	SSR = POOR (STA 3979+20 TO STA 4105+52 NB)
	SSR = POOR (STA 3978+89 TO STA 14104+25 SB)

NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

TYPICAL SUB-GRADE AND SUB-BASE PLACEMENT UNDER SHOULDER  
• VARYING THICKNESS REQUIRED FOR AGGREGATE SUBGRADE IMPROVEMENT 12" WITHIN THE SHOULDER AREA WILL BE INCLUDED IN THE COST OF AGGREGATE SUBGRADE IMPROVEMENT 12".



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		DATE - 6/28/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - I-94**

SCALE: NA SHEET NO. 6 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	34
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

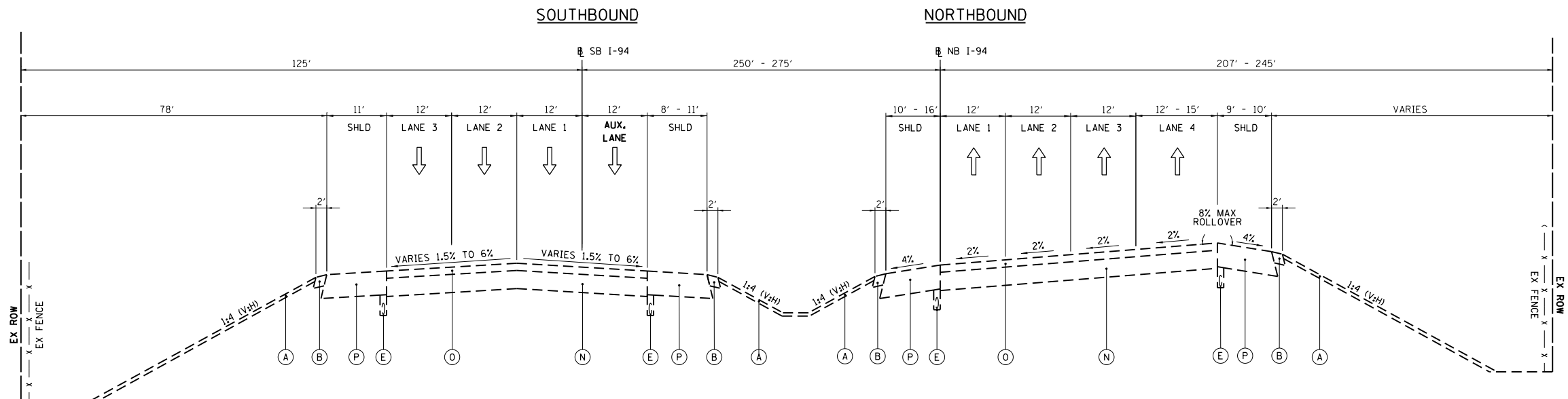
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**EXISTING LEGEND**

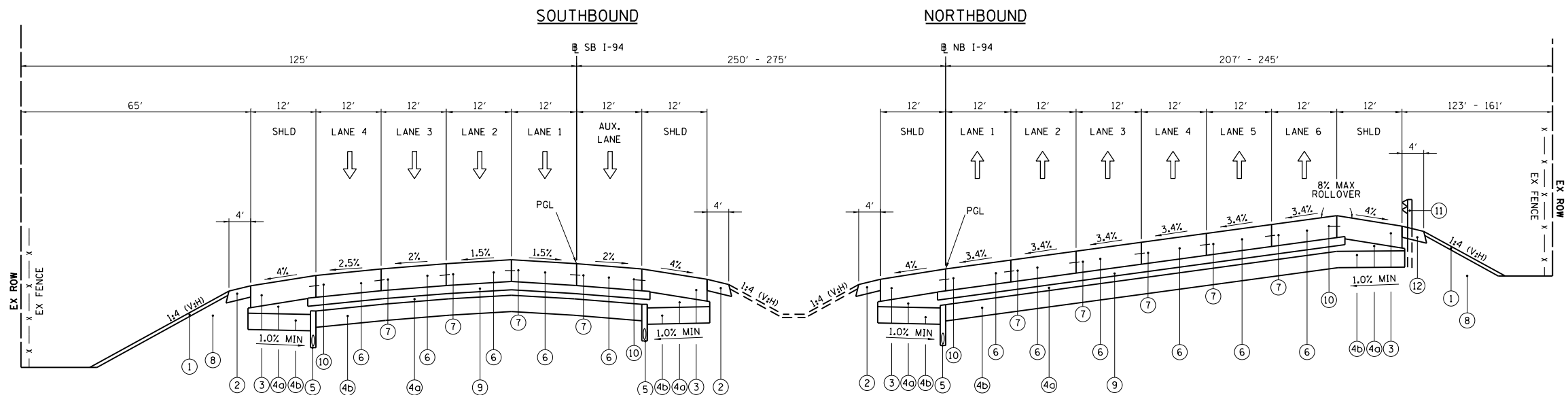
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (D<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (D<sub>b</sub>) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PCC PAVEMENT, 12" DOWELED

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (4<sub>a</sub>) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4<sub>b</sub>) 9" PGE
- (5) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) 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, 12" (JOINTED))
- (8) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (9) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (10) 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, 12")
- (11) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- (12) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (20005216)



**IDOT**  
**SB EXISTING / NB EXISTING**  
STA 4076+51.13 TO STA 4083+83.39 NB  
STA 14073+44.25 TO STA 14082+54.84 SB



**IDOT**  
**SB PROPOSED / NB PROPOSED**  
STA 4076+51.13 TO STA 4083+83.39 NB  
STA 14073+44.25 TO STA 14082+54.84 SB

NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - I-94**

SCALE: NA SHEET NO. 7 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	35
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**EXISTING LEGEND**

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (Da) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (Db) 9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- (F) EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- (G) EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (K) EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (O) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (Q) EXISTING PERMANENT SHEET PILING
- (R) EXISTING CONCRETE RETAINING WALL
- (S) EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PCC PAVEMENT, 12" DOWELED

**PROPOSED LEGEND**

- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
- (4b) 9" PGE
- (5) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) 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, 12" (JOINTED))
- (8) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (9) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (10) 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, 12")
- (11) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- (12) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

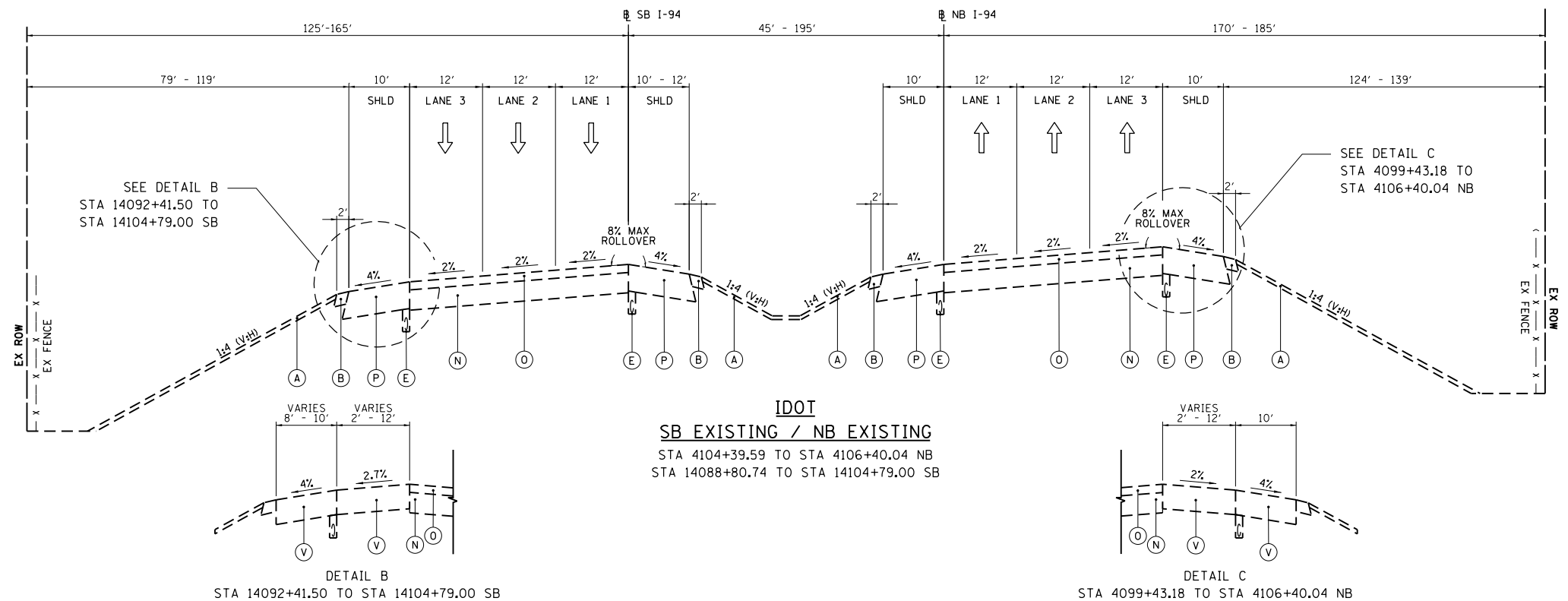
TYPICAL SECTIONS - I-94

SCALE: NA SHEET NO. 9 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	37
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

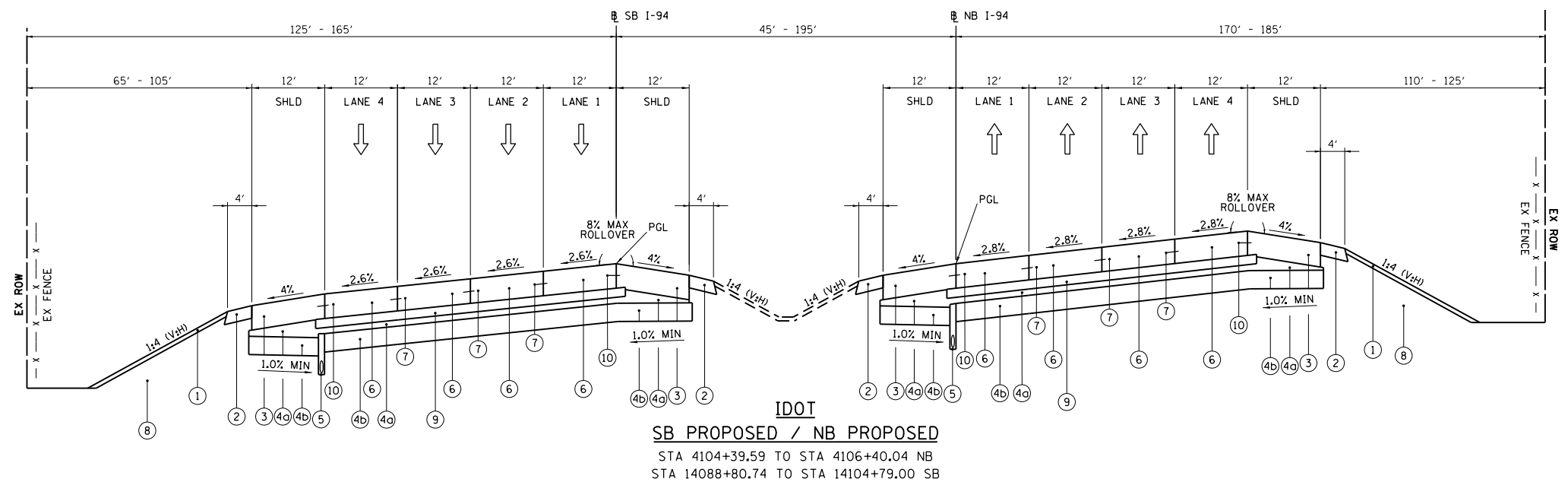
**SOUTHBOUND**

**NORTHBOUND**



**SOUTHBOUND**

**NORTHBOUND**

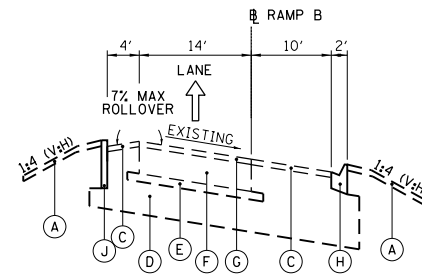


NOTE: REMOVE EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTLETS UNLESS OTHERWISE NOTED ON THE DRAINAGE PLANS.

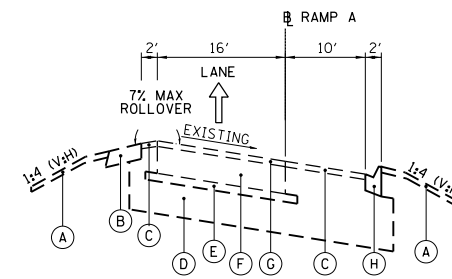
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**EXISTING LEGEND**

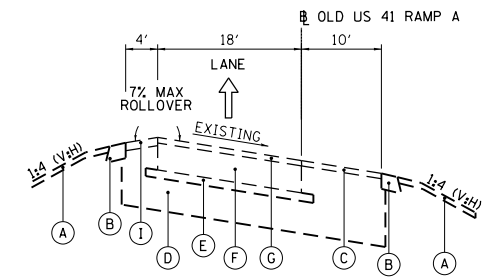
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS, 2"
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (E) EXISTING STABILIZED SUB-BASE, 3 IN.
- (F) EXISTING PCC PAVEMENT, 10"
- (G) EXISTING BITUMINOUS CONCRETE OVERLAY, 2"
- (H) EXISTING GUTTER, TYPE G-2
- (I) EXISTING BITUMINOUS CONCRETE SHOULDERS, 3"
- (J) EXISTING CONCRETE BARRIER CURB (STA 150+68 TO STA 155+68)



**ISTHA**  
**EXISTING IL173**  
**SOUTHBOUND ENTRANCE RAMP B**  
(LOOKING SOUTH)  
STA 150+44.93 TO STA 158+98.66



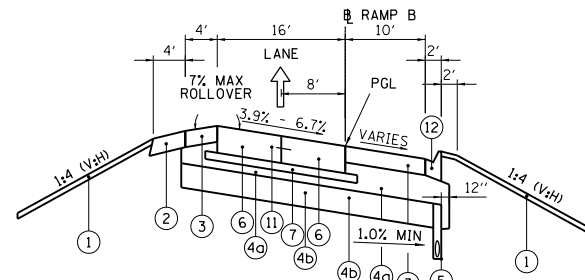
**ISTHA**  
**EXISTING IL 173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 53+40.00 TO STA 60+05.99



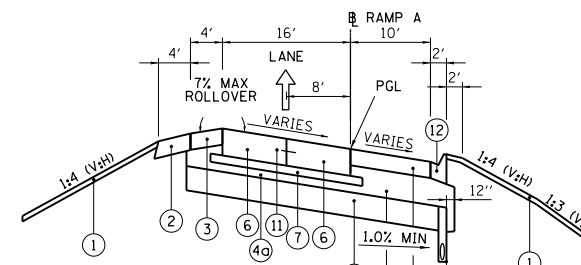
**ISTHA**  
**EXISTING OLD US ROUTE 41**  
**SOUTHBOUND ENTRANCE RAMP**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+95.00

**PROPOSED LEGEND**

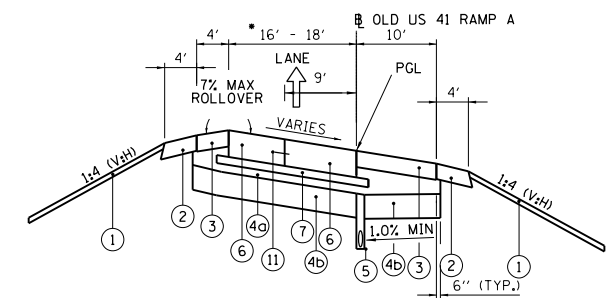
- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)
- (3) HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- (4) SUB-GRADE AGGREGATE 12 IN. (JT211A11)
  - (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
  - (4b) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (JI420005)
- (7) STABILIZED SUBBASE - HMA, 3" (JI312020)
- (8) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (JI630002)
- (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, 10" (JOINTED))
- (12) GUTTER, TYPE G-2 (JI606010)



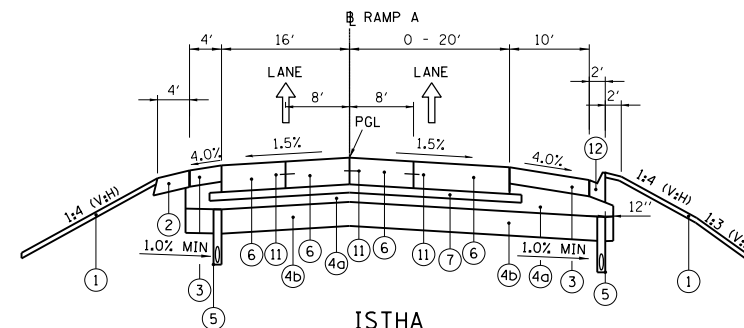
**ISTHA**  
**PROPOSED IL173**  
**SOUTHBOUND ENTRANCE RAMP B**  
(LOOKING SOUTH)  
STA 150+44.93 TO STA 158+98.66



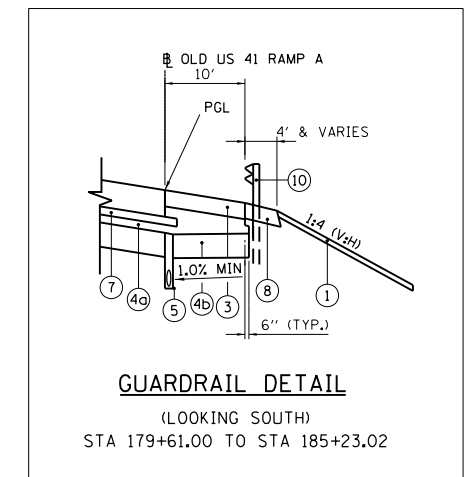
**ISTHA**  
**PROPOSED IL173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 53+40.00 TO STA 54+52.46



**ISTHA**  
**PROPOSED OLD US ROUTE 41**  
**SOUTHBOUND ENTRANCE RAMP**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+95.00  
• RAMP TRANSITIONS FROM 18' TO 16' AT STA 185+95.00 TO STA 184+95.00



**ISTHA**  
**PROPOSED IL173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 54+52.46 TO STA 60+05.99



**GUARDRAIL DETAIL**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+23.02

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - RAMPS**

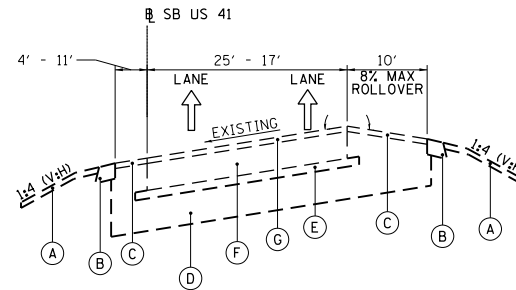
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

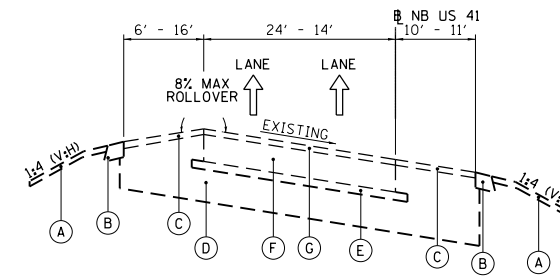
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**EXISTING LEGEND**

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS, 2"
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (E) EXISTING STABILIZED SUB-BASE, 3 IN.
- (F) EXISTING PCC PAVEMENT, 10"
- (G) EXISTING BITUMINOUS CONCRETE OVERLAY, 2"
- (H) EXISTING GUTTER, TYPE G-2
- (I) EXISTING BITUMINOUS CONCRETE SHOULDERS, 3"
- (J) EXISTING CONCRETE BARRIER CURB



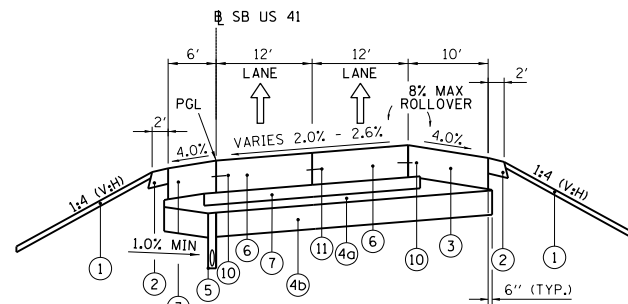
**IDOT**  
**EXISTING US ROUTE 41**  
**SOUTHBOUND EXIT RAMP**  
 (LOOKING SOUTH)  
 STA 2001+00.00 TO STA 2012+91.72



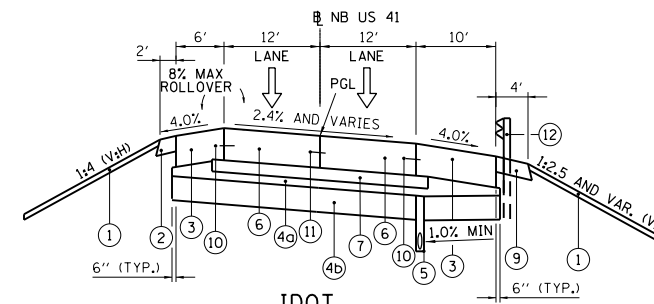
**IDOT**  
**EXISTING US ROUTE 41**  
**NORTHBOUND ENTRANCE RAMP**  
 (LOOKING NORTH)  
 STA 99+71.77 TO STA 108+56.90

**PROPOSED LEGEND**

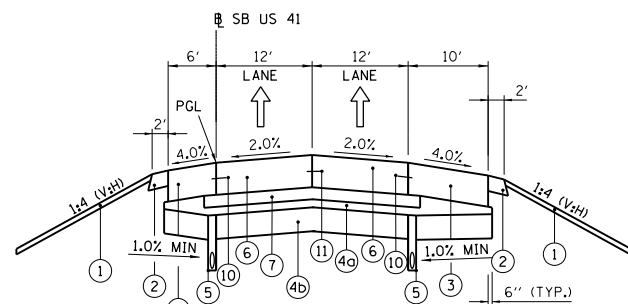
- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4" (48300505)
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
  - (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
  - (4b) 9" PGE
- (5) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) (42000505)
- (7) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (8) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (9) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (Z0005216)
- (10) 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, 10 1/4")
- (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, 10 1/4" (JOINTED))
- (12) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)



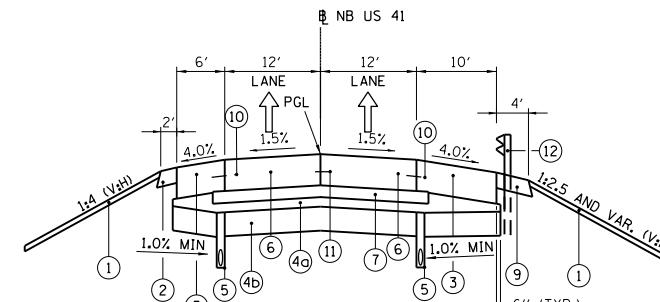
**IDOT**  
**PROPOSED US ROUTE 41**  
**SOUTHBOUND EXIT RAMP**  
 (LOOKING SOUTH)  
 STA 2001+00.00 TO STA 2011+42.75



**IDOT**  
**PROPOSED US ROUTE 41**  
**NORTHBOUND ENTRANCE RAMP**  
 (LOOKING NORTH)  
 STA 99+71.77 TO STA 102+96.97



**IDOT**  
**PROPOSED US ROUTE 41**  
**SOUTHBOUND EXIT RAMP**  
 (LOOKING SOUTH)  
 STA 2011+42.75 TO STA 2012+91.72



**IDOT**  
**PROPOSED US ROUTE 41**  
**NORTHBOUND ENTRANCE RAMP**  
 (LOOKING NORTH)  
 STA 102+96.97 TO STA 108+56.90

NOTE: FOR CONCRETE BARRIER SINGLE FACE, 32"  
 FROM STA 2005+14.05 TO STA 2008+02.35  
 SEE CIVIL DETAILS SHEET 483

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		DRAWN - JMG	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - RAMPS**

SCALE: NA SHEET NO. 11 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	39
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

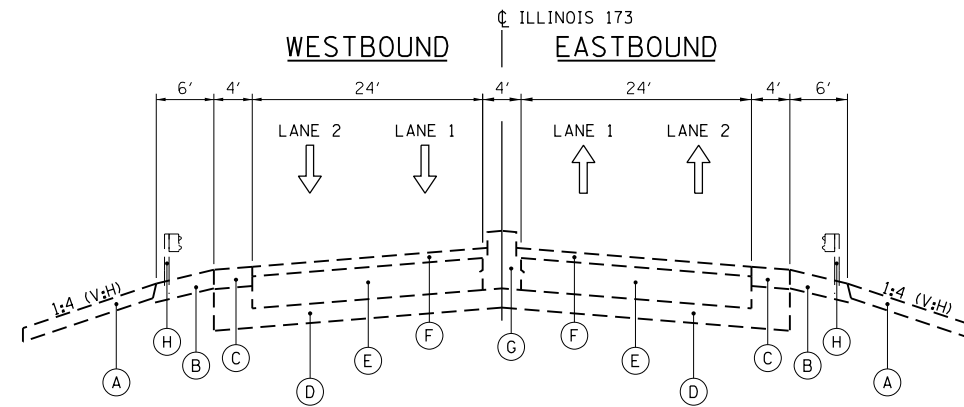
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**EXISTING LEGEND**

- (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

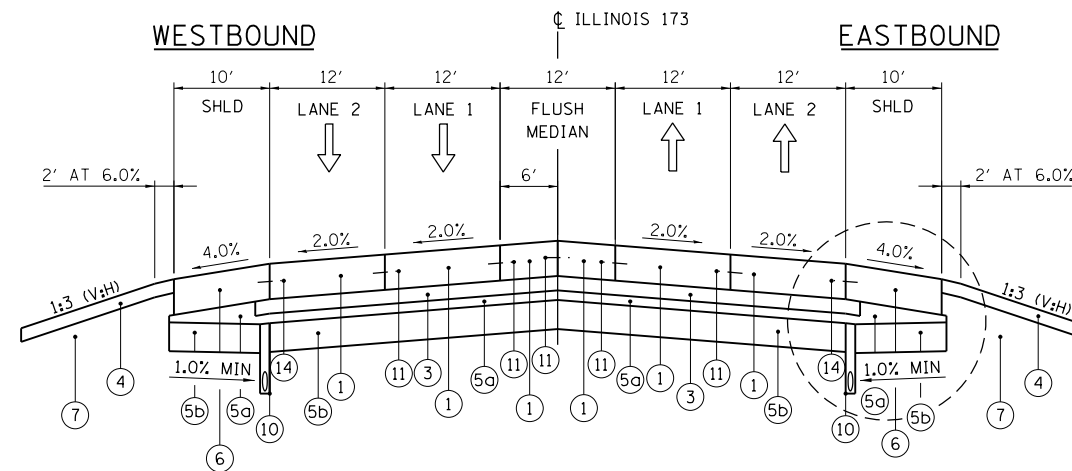
**PROPOSED LEGEND**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- (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 FURNISH AND PLACE, 24" (21101685)
- (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)



**WB EXISTING / EB EXISTING**

STA 2016+08.15 TO STA 2051+71.59

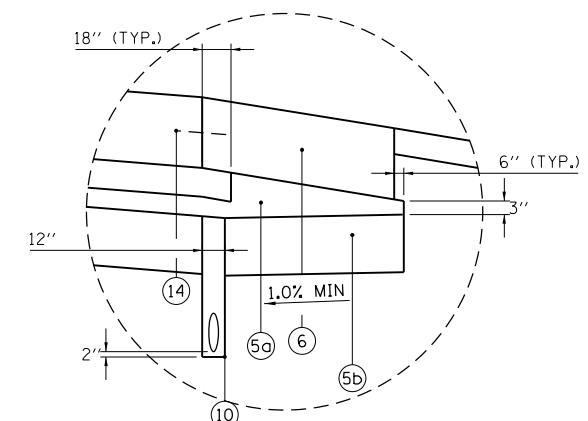


**WB PROPOSED / EB PROPOSED**

STA 2016+08.15 TO STA 2019+24.19

**ILLINOIS 173 - STRUCTURAL PAVEMENT DESIGN BLOCK**

STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV = 15,122	SU = 322 MU = 643
ROAD/STREET CLASSIFICATION:	CLASS I
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 6.7 AC TYPE = N/A
	MINIMUM TF = 7.54
PG GRADE:	BINDER = N/A SURFACE = N/A
SUBGRADE SUPPORT RATING:	
	SSR = POOR (STA 2016+08 TO STA 2051+72 NB)



TYPICAL SUB-GRADE AND SUB-BASE PLACEMENT UNDER SHOULDER

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



FILE NAME = #FILES#	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - ILLINOIS 173**

SCALE: NA SHEET NO. 12 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	40
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**EXISTING LEGEND**

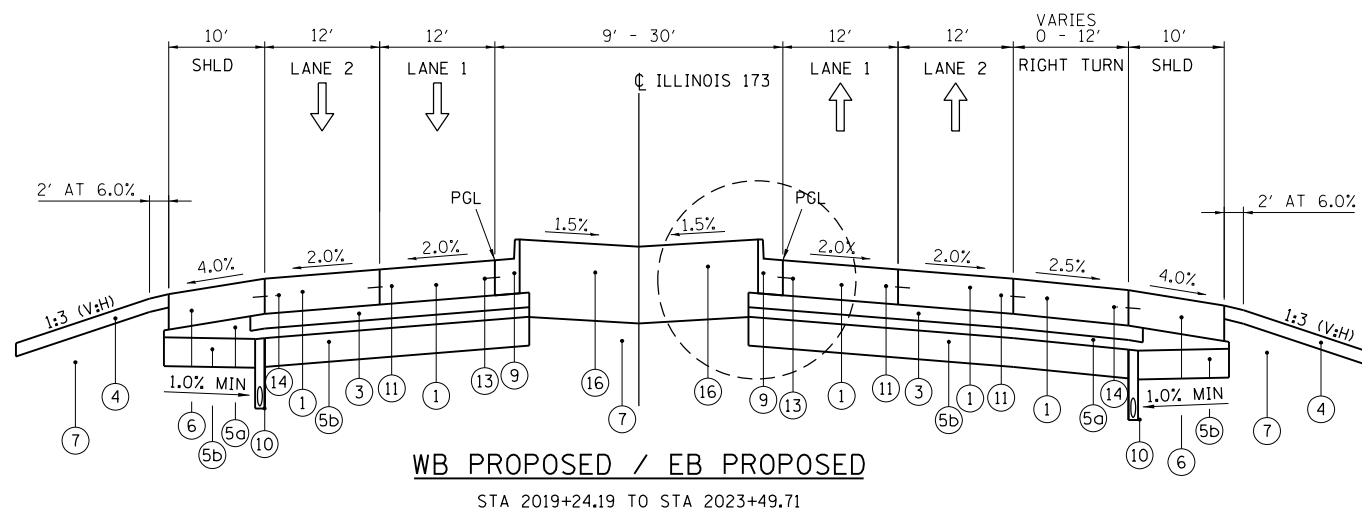
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING ASPHALT SHOULDER
- (D) EXISTING GRANULAR SUB-BASE, 6"
- (E) EXISTING REINFORCED CONCRETE PAVEMENT, 10"
- (F) EXISTING ASPHALT OVERLAY
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING STEEL BEAM GUARDRAIL

**PROPOSED LEGEND**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- (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 FURNISH AND PLACE, 24" (21101685)
- (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)

**WESTBOUND**

**EASTBOUND**

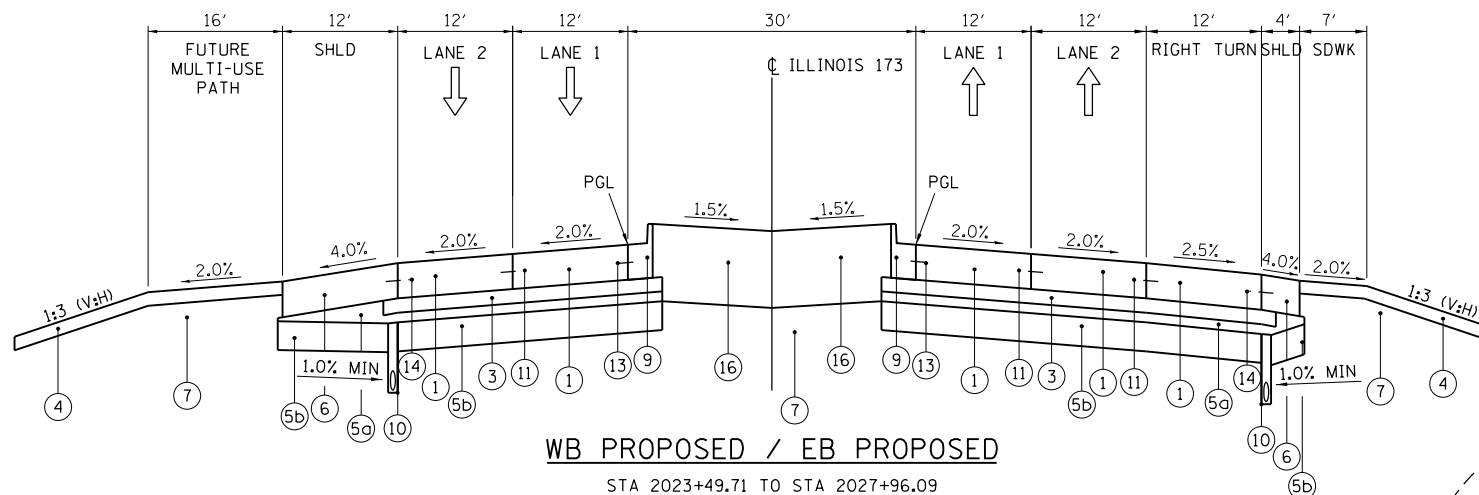


**WB PROPOSED / EB PROPOSED**

STA 2019+24.19 TO STA 2023+49.71

**WESTBOUND**

**EASTBOUND**

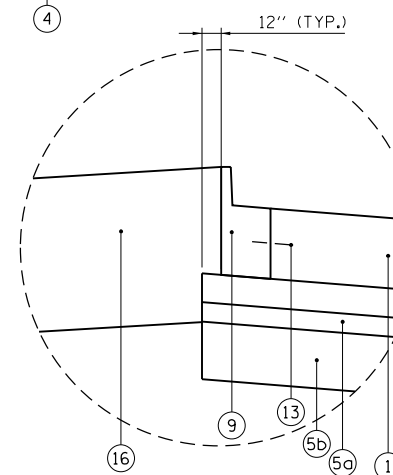


**WB PROPOSED / EB PROPOSED**

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  
www.bbandainc.com



FILE NAME = \$FILES\$

USER NAME = default

DESIGNED - JMG

REVISED -

PLOT SCALE = H=1"=10' V=1"=5'

DRAWN - JMG

REVISED -

PLOT DATE = 6/20/2012

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				

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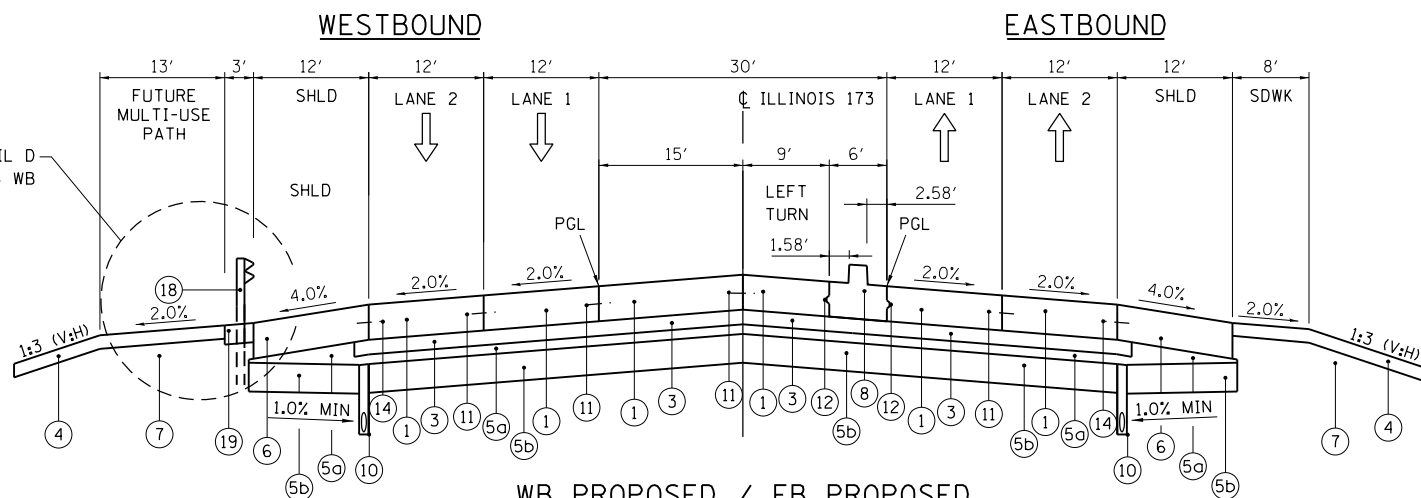
**EXISTING LEGEND**

- (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**

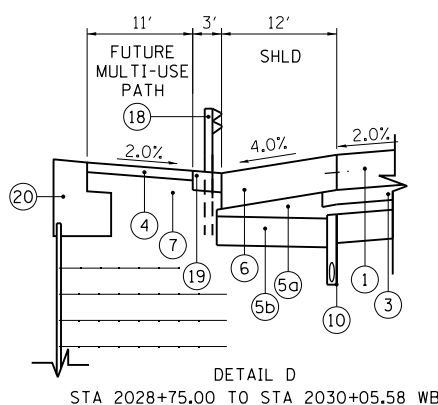
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED) (42000411)
- (2) CONCRETE MEDIAN SURFACE, 6 INCH (60618320)
- (3) STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)
- (4) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
  - (5a) 3" CA-6 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)
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- (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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- (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)

SEE DETAIL D  
STA 2028+75.00 TO STA 2030+05.58 WB

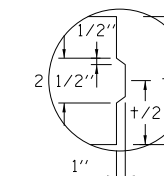


**WB PROPOSED / EB PROPOSED**

STA 2027+96.09 TO STA 2030+21.10  
BRIDGE OMISSION STA 2030+21.10 TO STA 2033+34.18



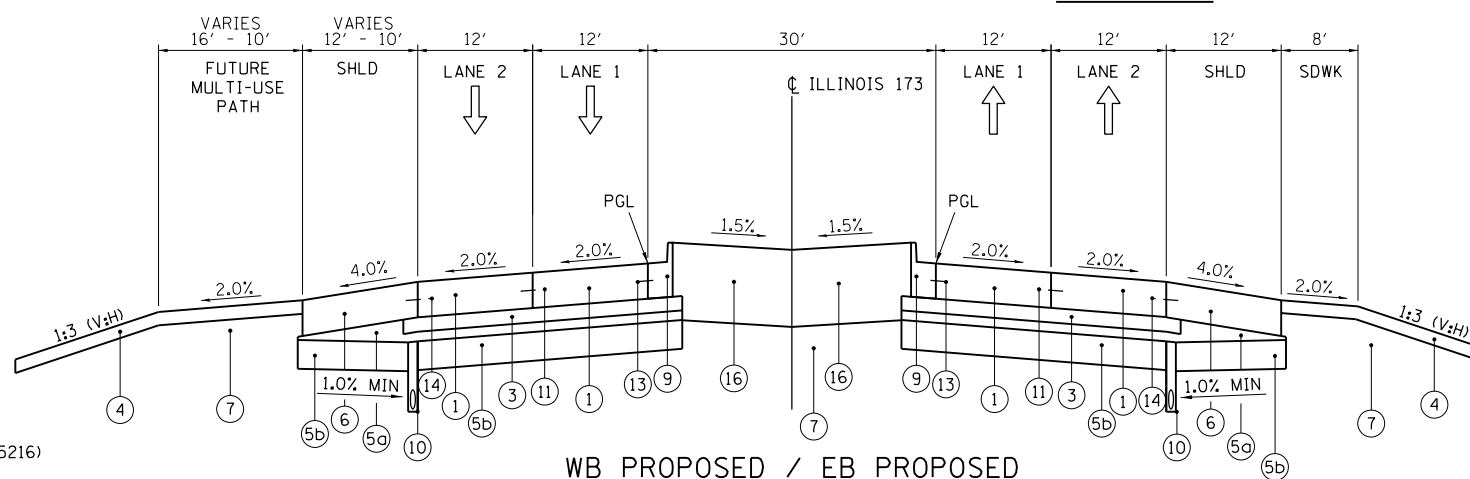
**DETAIL D**  
STA 2028+75.00 TO STA 2030+05.58 WB



LONGITUDINAL KEYED CONSTRUCTION JOINT DETAIL

**WESTBOUND**

**EASTBOUND**



**WB PROPOSED / EB PROPOSED**

STA 2033+34.18 TO STA 2038+53.85

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Chicago, Illinois  
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DRAWN - JMG

REVISED -

PLOT SCALE = H=1"=10' V=1"=5'

CHECKED - RGR

REVISED -

PLOT DATE = 6/20/2012

DATE - 6/19/2012

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - ILLINOIS 173**

SCALE: NA SHEET NO. 14 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	42
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

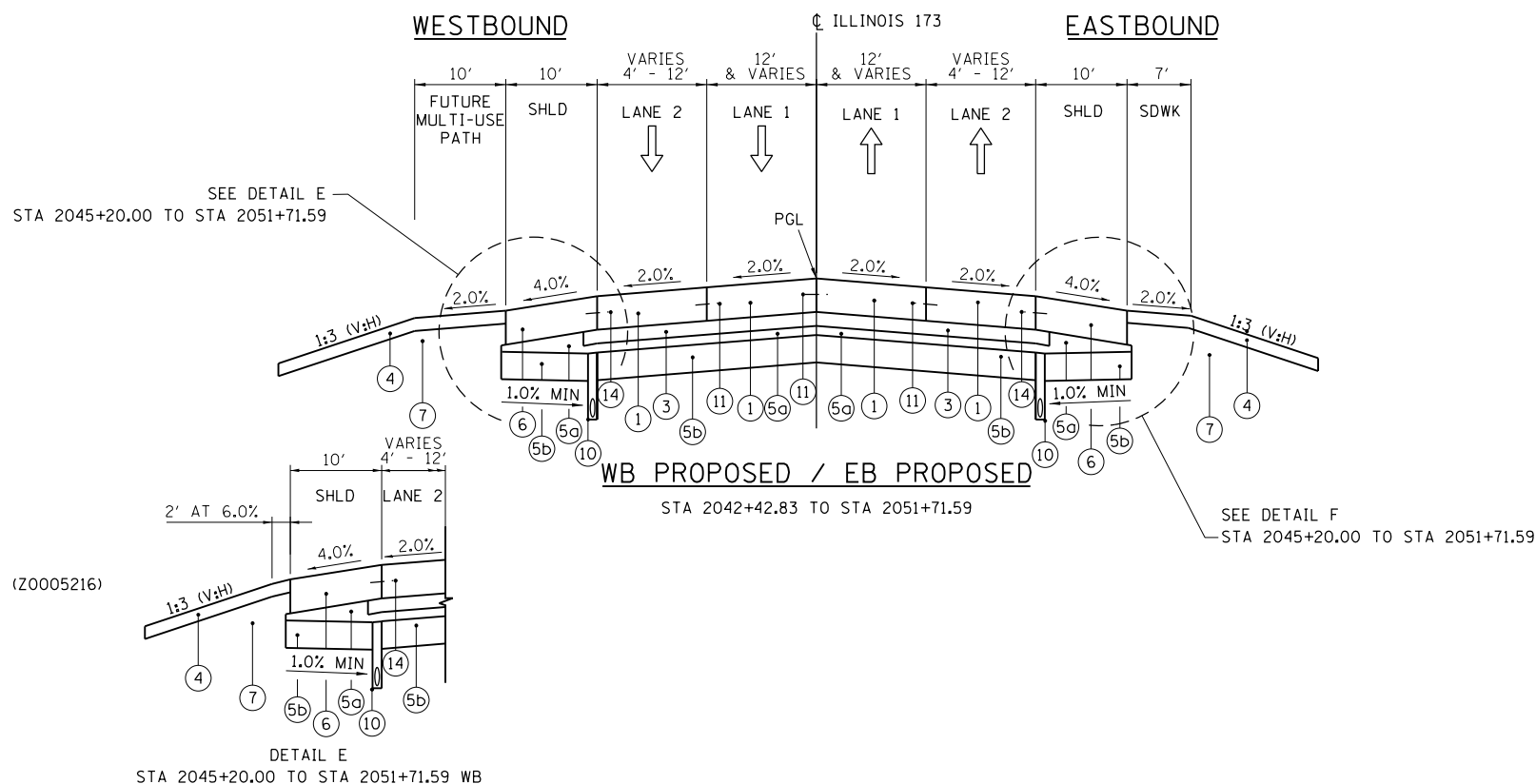
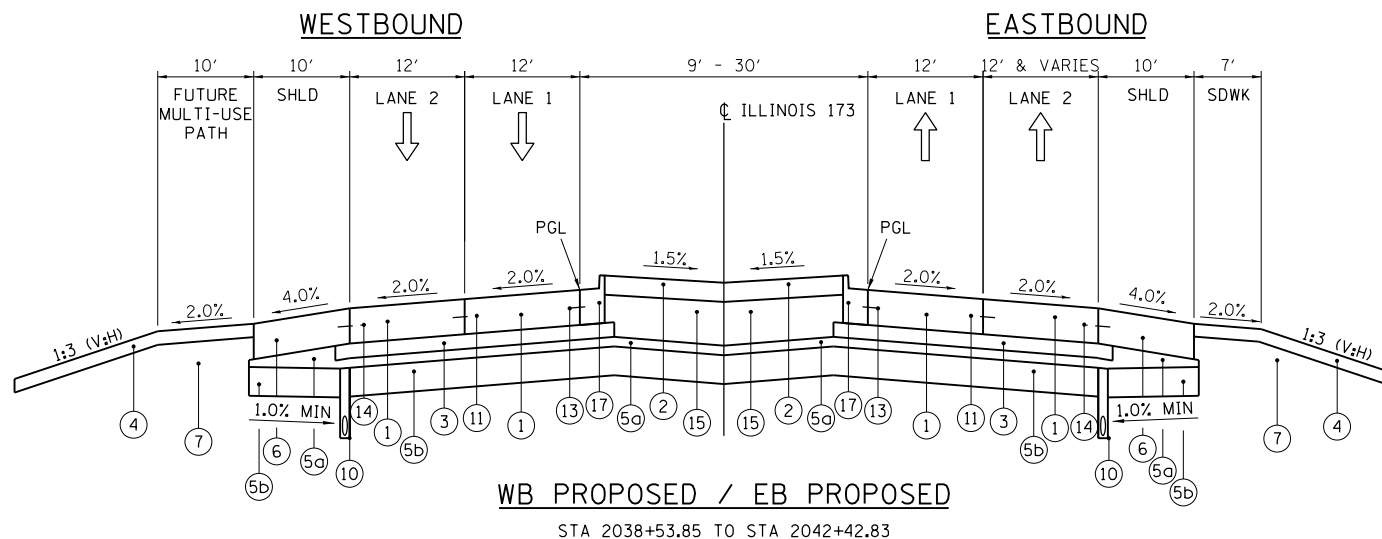
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**EXISTING LEGEND**

- (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**

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- (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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 PLOT SCALE = H=1"=10' V=1"=5'  
 PLOT DATE = 6/20/2012

DESIGNED - JMG  
 DRAWN - JMG  
 CHECKED - RGR  
 DATE - 6/19/2012

REVISED -  
 REVISED -  
 REVISED -  
 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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	43
CONTRACT NO. 60L 77				
ILLINOIS FED. AID PROJECT				

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GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A - 6 FOOT POSTS (JI630002)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
3990+18.6	R	3992+68.6	R	250
4054+10.3	R	4056+09.0	R	200
4059+77.0	R	4061+40.6	R	163
4061+50.9	R	4063+07.0	R	163
4068+73.0	L	4071+37.4	L	263
3994+67.1	R	3996+50.9	R	188
14066+42.0	R	14066+93.2	R	50
TOTAL				1,275

GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A - 9 FOOT POSTS (JI630004)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
172+24.2	R	184+72.9	R	1,237.5
TOTAL				1,237.5

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
4075+12.8	R	4082+00.3	R	696
2052+35.0	L	2056+22.5	L	388
2052+57.6	R	2055+57.6	R	300
2024+91.2	L	2029+66.2	L	475
TOTAL				3,075

IDOT-GUARDRAIL REMOVAL (63200310)				
FROM		TO		LENGTH (FT)
STATION	L/R	STATION	L/R	
99+71.8	R	101+29.8	R	158
4078+30.6	R	4080+00.0	R	169
4080+00.0	R	4083+06.2	R	306
4080+85.8	L	4084+27.4	L	342
4088+89.2	L	4095+00.0	L	611
4089+96.3	R	4091+47.0	R	151
4092+46.6	R	4095+00.0	R	253
4095+00.0	L	4095+52.9	L	53
4095+00.0	R	4095+43.6	R	44
14073+28.6	R	14075+61.8	R	233
14073+44.6	L	14075+52.1	L	208
14085+47.4	R	14087+44.5	R	197
14085+43.8	L	14087+17.3	L	174
14093+97.1	R	14096+03.1	R	206
14097+16.6	L	14097+91.2	L	75
2015+34.9	R	2020+00.0	L	465
2015+62.8	L	2020+00.0	L	437
2020+00.0	L	2022+39.5	L	293
2020+00.0	R	2025+61.4	R	561
2027+20.5	R	2030+58.1	R	338
2022+67.8	L	2030+41.5	L	824
2033+11.6	R	2035+00.0	R	188
2032+99.1	L	2035+00.0	L	201
2035+00.0	L	2038+68.1	L	368
2035+00.0	R	2036+48.5	R	148
59+38.4	R	60+00.2	R	64
2052+07.5	R	2055+73.5	R	366
2052+20.4	L	2056+74.4	L	454
TOTAL				6,912

ISTHA-TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (63100167)		
STATION	L/R	QUANTITY (EACH)
44+01.3	R	1
3989+68.6	R	1
3996+99.6	L	1
185+23.2	R	1
4053+60.3	L	1
4059+26.7	L	1
4061+02.5	R	1
14067+45.3	L	1
TOTAL		8

ISTHA-TRAFFIC BARRIER TERMINAL, TYPE 2 (63100045)		
STATION	L/R	QUANTITY (EACH)
3992+68.6	R	1
3994+67.1	L	1
172+24.2	L	1
4071+37.4	L	1
TOTAL		4

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

TRAFFIC BARRIER TERMINAL, TYPE 6 (63100085)		
STATION	L/R	QUANTITY (EACH)
2008+95.5	L	1
2029+39.7	R	1
2034+15.6	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+14.4	R	3993+32.1	R	318
3994+00.9	L	3997+54.3	L	353
4009+32.1	R	4015+47.4	R	615
169+68.2	L	183+17.1	L	1,349
4053+75.6	R	4056+65.3	R	290
4058+47.8	R	4063+50.2	R	502
14065+83.2	L	14068+53.1	L	270
TOTAL				3,697

IDOT-TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (63100167)		
STATION	L/R	QUANTITY (EACH)
2008+95.5	R	1
2029+39.7	R	1
2034+15.6	L	1
2052+07.6	R	1
2056+72.5	L	1
TOTAL		5

IDOT-TRAFFIC BARRIER TERMINAL, TYPE 2 (63100045)		
STATION	L/R	QUANTITY (EACH)
4082+00.2	R	1
2024+91.2	L	1
2052+35.0	R	1
2055+57.6	L	1
TOTAL		4

TRAFFIC BARRIER TERMINAL, TYPE T10 (JI631140)		
STATION	L/R	QUANTITY (EACH)
4068+73.0	L	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE T6B (JI631135)		
STATION	L/R	QUANTITY (EACH)
4056+09.0	R	1
4063+08.4	R	1
14066+42.0	L	1
TOTAL		3

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						
3989+52.6	R	3989+58.6	R	6	4.5	0.25	0.25	0.5	
3989+58.6	R	3990+18.6	R	60	4.5	0.25	2.50	4.9	
3990+18.6	R	3992+81.1	R	263	4	0.25	9.72	19.0	
3994+54.6	L	3996+50.9	L	196	4	0.25	7.27	14.2	
3996+50.9	L	3997+09.3	L	58	4.5	0.25	2.43	4.7	
3997+09.3	L	3997+23.0	L	14	4.5	0.25	0.57	1.1	
4053+44.3	R	4053+50.3	R	6	4.5	0.25	0.25	0.5	
4053+50.3	R	4054+10.3	R	60	4.5	0.25	2.50	4.9	
4054+10.3	R	4056+52.3	R	242	4	0.25	8.96	17.5	
4059+19.9	L	4061+40.6	L	221	3	0.25	6.13	12.0	
4060+87.2	R	4060+93.0	R	6	4.5	0.25	0.24	0.5	
4060+93.0	R	4061+52.9	R	60	4.5	0.25	2.50	4.9	
4061+52.9	R	4063+50.8	R	198	4	0.25	7.33	14.3	
4068+70.0	R	4071+49.9	L	280	4	0.25	10.37	20.2	
14065+77.9	L	14066+93.6	L	116	4	0.25	4.29	8.4	
14066+93.6	L	14067+55.6	L	62	4.5	0.25	2.58	5.0	
14067+55.6	L	14067+61.8	L	6	4.5	0.25	0.26	0.5	
172+11.7	L	184+72.9	L	1261	4	0.25	46.71	91.1	
184+72.9	L	185+33.2	L	60	4.5	0.25	2.51	4.9	
185+33.2	L	185+38.4	L	5	4.5	0.25	0.22	0.4	
TOTAL								229.3	

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FILE NAME = \$FILES\$

USER NAME = default

DESIGNED - JMK

REVISED -

PLOT SCALE = H=1"=10' V=1"=5'

DRAWN - JMK

REVISED -

PLOT DATE = 6/20/2012

CHECKED - RGR

REVISED -

DATE - 6/19/2012

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULE

SCALE: NA

SHEET NO. 1 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:\1101\95-CADD\60L77 IL 173\60L77 Sheets\160L77-INT-CV11 schedule.dgn



EARTHWORK SCHEDULE	STAGE 1						STAGE 2						STAGE 3					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
MAINLINE I-94	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	CU YD
3978+89.91 TO 3979+00.00	9.68	8.23	0.00	8.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3979+00.00 TO 3979+20.42	28.84	24.52	0.00	24.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3979+20.42 TO 3980+00.00	167.01	141.96	0.00	141.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3980+00.00 TO 3981+00.00	236.37	200.91	0.00	200.91	21.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3981+00.00 TO 3982+00.00	263.20	223.09	1.56	223.09	54.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3982+00.00 TO 3983+00.00	262.46	223.09	11.72	211.37	62.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3983+00.00 TO 3984+00.00	198.22	168.49	57.24	111.25	95.41	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3984+00.00 TO 3985+00.00	170.31	144.77	158.00	-13.23	216.48	44.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3985+00.00 TO 3986+00.00	183.46	155.94	190.24	-34.30	297.69	80.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3986+00.00 TO 3987+00.00	195.13	165.86	153.59	12.27	293.72	81.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3987+00.00 TO 3988+00.00	216.76	184.25	138.48	45.76	307.46	84.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3988+00.00 TO 3989+00.00	271.19	230.51	113.63	116.88	331.09	90.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3989+00.00 TO 3989+50.00	125.08	106.32	60.91	45.41	117.84	29.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3989+50.00 TO 3990+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3990+00.00 TO 3991+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3991+00.00 TO 3992+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3992+00.00 TO 3993+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3993+00.00 TO 3994+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3994+00.00 TO 3995+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3995+00.00 TO 3996+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3996+00.00 TO 3997+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3997+00.00 TO 3998+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3998+00.00 TO 3999+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3999+00.00 TO 4000+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4000+00.00 TO 4001+00.00	179.59	152.65	223.94	-71.29	300.44	81.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4001+00.00 TO 4002+00.00	175.63	149.29	257.63	-108.34	304.67	83.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4002+00.00 TO 4003+00.00	172.91	146.97	254.04	-107.07	267.94	70.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4003+00.00 TO 4004+00.00	178.13	151.41	250.54	-99.13	249.89	64.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4004+00.00 TO 4005+00.00	166.04	141.13	270.78	-129.65	253.31	65.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4005+00.00 TO 4006+00.00	162.15	137.83	283.33	-145.51	245.50	62.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4006+00.00 TO 4007+00.00	161.41	137.20	309.69	-172.49	278.30	73.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4007+00.00 TO 4008+00.00	156.50	133.03	308.72	-175.70	273.15	71.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4008+00.00 TO 4009+00.00	160.69	136.58	316.11	-179.53	237.98	59.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4009+00.00 TO 4010+00.00	171.44	145.73	317.37	-171.64	248.30	63.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4010+00.00 TO 4011+00.00	175.85	149.47	289.00	-139.53	278.31	72.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4011+00.00 TO 4012+00.00	187.52	159.39	288.57	-129.18	320.24	86.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4012+00.00 TO 4013+00.00	191.94	163.15	298.69	-135.53	323.65	87.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4013+00.00 TO 4014+00.00	175.87	149.49	322.54	-173.05	321.37	86.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4014+00.00 TO 4015+00.00	174.87	148.64	347.81	-199.18	339.96	93.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4015+00.00 TO 4016+00.00	179.44	152.53	325.35	-172.82	327.52	89.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4016+00.00 TO 4017+00.00	182.56	155.17	301.00	-145.83	291.61	78.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4017+00.00 TO 4018+00.00	168.00	142.80	294.52	-151.72	269.11	70.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4018+00.00 TO 4019+00.00	177.93	151.24	290.20	-138.97	293.94	78.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4019+00.00 TO 4020+00.00	187.37	159.26	289.93	-130.66	281.39	74.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4020+00.00 TO 4021+00.00	172.17	146.34	346.44	-200.10	272.33	71.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4021+00.00 TO 4022+00.00	184.67	156.97	436.78	-279.81	315.09	85.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4022+00.00 TO 4023+00.00	188.96	160.62	409.15	-248.53	301.94	81.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4023+00.00 TO 4024+00.00	186.78	158.76	257.26	-98.50	225.76	55.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4024+00.00 TO 4025+00.00	187.02	158.97	140.83	18.13	143.50	28.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4025+00.00 TO 4026+00.00	181.26	154.07	129.50	24.57	117.39	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4026+00.00 TO 4027+00.00	173.78	147.71	153.39	-5.68	144.11	28.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4027+00.00 TO 4028+00.00	175.50	149.18	182.78	-33.60	173.02	38.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4028+00.00 TO 4029+00.00	184.11	156.49	273.31	-116.82	196.80	46.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4029+00.00 TO 4030+00.00	190.28	161.74	299.70	-137.97	205.70	49.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4030+00.00 TO 4031+00.00	187.80	159.63	357.70	-198.08	252.28	64.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4031+00.00 TO 4032+00.00	183.48	155.96	451.04	-295.08	299.93	79.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4032+00.00 TO 4033+00.00	177.13	150.56	441.76	-291.20	291.31	75.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4033+00.00 TO 4034+00.00	177.22	150.64	360.33	-209.69	248.91	62.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4034+00.00 TO 4035+00.00	181.76	154.50	263.11	-108.62	232.26	57.30	0.00	0.00	0.00	0.								

EARTHWORK SCHEDULE	STAGE 1						STAGE 2						STAGE 3					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
MAINLINE I-94	(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)	(CU YD)
4046+00.00 TO 4047+00.00	342.50	291.13	217.80	73.33	313.59	74.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4047+00.00 TO 4048+00.00	477.98	406.28	174.37	231.91	346.31	86.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4048+00.00 TO 4049+00.00	750.28	637.74	201.02	436.72	393.98	113.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4049+00.00 TO 4050+00.00	589.17	500.79	186.74	314.05	338.70	99.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4050+00.00 TO 4051+00.00	215.78	183.41	169.33	14.08	197.96	46.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4051+00.00 TO 4052+00.00	192.43	163.56	299.96	-136.40	190.20	43.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4052+00.00 TO 4052+61.46	138.09	117.38	291.07	-173.69	168.17	44.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EARTHWORK SCHEDULE	STAGE 1						STAGE 2						STAGE 3					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
MAINLINE I-94 (NORTHBOUND)	(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)	(CU YD)
4052+61.49 TO 4053+00.00	40.36	34.30	113.59	-79.29	72.13	19.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4053+00.00 TO 4054+00.00	81.35	69.15	193.48	-124.33	151.44	39.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4054+00.00 TO 4055+00.00	75.15	63.88	85.80	-21.92	94.15	21.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4055+00.00 TO 4055+79.30	53.01	45.06	109.74	-64.68	92.75	24.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4055+79.30 TO 4056+00.00	10.86	9.23	36.83	-27.60	31.88	9.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4056+00.00 TO 4056+50.01	20.92	17.78	36.09	-18.31	41.91	11.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4058+47.74 TO 4059+00.00	32.89	27.96	1,257.81	-1,229.85	216.44	68.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4059+00.00 TO 4060+00.00	56.37	47.91	1,869.13	-1,821.21	406.93	128.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4060+00.00 TO 4061+00.00	57.93	49.24	1,200.07	-1,150.84	389.17	119.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4061+00.00 TO 4062+00.00	55.72	47.36	935.37	-888.01	388.63	119.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4062+00.00 TO 4063+00.00	51.76	44.00	1,007.04	-963.04	410.00	128.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4063+00.00 TO 4063+09.98	5.12	4.35	112.96	-108.62	41.77	13.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4063+09.98 TO 4063+50.82	20.13	17.11	482.11	-465.00	173.96	55.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4067+60.87 TO 4068+00.00	15.41	13.10	46.03	-32.93	71.08	21.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4068+00.00 TO 4069+02.05	47.53	40.40	30.20	10.20	66.09	16.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4069+02.05 TO 4070+00.00	39.83	33.86	61.35	-27.49	49.85	8.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4070+00.00 TO 4071+00.00	30.93	26.29	100.13	-73.84	76.78	12.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4071+00.00 TO 4072+00.00	32.81	27.89	786.56	-758.66	175.70	41.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4072+00.00 TO 4073+00.00	40.67	34.57	1,366.80	-1,332.23	272.26	68.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4073+00.00 TO 4074+00.00	52.65	44.75	1,193.52	-1,148.77	262.19	61.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4074+00.00 TO 4074+18.37	9.48	8.06	206.14	-198.08	47.37	10.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4074+18.37 TO 4075+00.00	100.18	85.15	493.36	-408.21	134.46	28.57	98.45	83.69	8.36	75.33	15.15	5.05	46.09	39.18	0.00	39.18	0.00	0.00
4075+00.00 TO 4075+18.37	22.92	19.48	179.87	-160.39	36.17	8.07	23.97	20.38	2.82	17.56	6.24	2.08	10.56	8.97	0.00	8.97	0.00	0.00
4075+18.37 TO 4076+00.00	70.82	60.20	1,258.33	-1,198.13	257.62	59.59	140.66	119.56	21.04	98.52	35.80	9.77	45.05	38.29	0.00	38.29	0.00	0.00
4076+00.00 TO 4077+00.00	163.11	138.64	1,134.70	-996.06	271.22	69.67	152.56	129.67	23.89	105.78	36.98	11.96	44.93	38.19	0.00	38.19	0.00	0.00
4077+00.00 TO 4078+00.00	226.56	192.57	1,100.22	-907.65	275.96	70.07	121.89	103.61	24.83	78.77	34.39	11.96	32.41	27.55	0.00	27.55	0.00	0.00
4078+00.00 TO 4079+00.00	228.24	194.00	1,142.85	-948.85	322.81	72.67	116.37	98.91	22.50	76.41	27.17	7.06	30.78	26.16	0.00	26.16	0.00	0.00
4079+00.00 TO 4080+00.00	188.17	159.94	1,149.06	-989.11	332.63	76.46	119.44	101.53	17.83	83.69	19.83	2.07	28.20	23.97	0.00	23.97	0.00	0.00
4080+00.00 TO 4081+00.00	85.61	72.77	1,218.24	-1,145.47	318.78	69.04	113.63	96.59	18.57	78.01	25.46	2.44	24.63	20.94	0.00	20.94	0.00	0.00
4081+00.00 TO 4082+00.00	18.63	15.84	1,114.98	-1,099.15	297.93	63.83	126.33	107.38	24.02	83.36	38.04	4.72	27.31	23.22	0.00	23.22	0.00	0.00
4082+00.00 TO 4083+00.00	22.13	18.81	786.69	-767.88	248.61	54.22	141.61	120.37	17.46	102.91	35.61	3.28	31.20	26.52	0.00	26.52	0.00	0.00
4083+00.00 TO 4084+00.00	18.85	16.02	514.65	-498.62	185.28	36.06	122.13	103.81	34.85	68.96	43.56	6.22	28.87	24.54	0.00	24.54	0.00	0.00
4084+00.00 TO 4085+00.00	39.59	33.65	295.37	-261.72	142.59	26.54	113.93	96.84	50.15	46.69	53.04	9.69	30.11	25.59	0.00	25.59	0.00	0.00
4085+00.00 TO 4086+00.00	134.31	114.17	98.72	15.45	74.04	12.69	133.69	113.63	30.80	82.84	40.26	5.24	35.07	29.81	0.00	29.81	0.00	0.00
4086+00.00 TO 4087+00.00	157.19	133.61	23.76	109.85	50.83	2.22	91.04	77.38	27.70	49.68	40.31	4.83	40.96	34.82	0.00	34.82	0.00	0.00
4087+00.00 TO 4088+00.00	63.65	54.10	115.30	-61.20	110.15	13.61	85.69	72.83	34.61	38.22	46.57	7.02	39.59	33.65	0.00	33.65	0.00	0.00
4088+00.00 TO 4089+00.00	51.61	43.87	293.13	-249.26	149.20	25.80	82.50	70.13	26.52	43.61	41.37	5.11	39.04	33.18	0.00	33.18	0.00	0.00
4089+00.00 TO 4090+00.00	44.50	37.83	455.70	-417.88	173.69	32.48	75.65	64.30	250.07	-185.77	88.83	19.61	36.06	30.65	0.00	30.65	0.00	0.00
4090+00.00 TO 4091+00.00	40.17	34.14	754.50	-720.36	225.74	47.96	66.19	56.26	316.09	-259.84	128.30	31.19	31.15	26.48	0.00	26.48	0.00	0.00
4091+00.00 TO 4092+00.00	37.39	31.78	945.76	-913.98	249.33	54.50	64.91	55.17	123.28	-68.11	99.22	21.06	28.33	24.08	0.00	24.08	0.00	0.00
4092+00.00 TO 4093+00.00	42.70	36.30	834.72	-798.42	238.85	49.17	68.76	58.45	86.91	-28.46	81.28	14.70	31.15	26.48	0.00	26.48	0.00	0.00
4093+00.00 TO 4094+00.00	45.22	38.44	690.24	-651.80	219.85	41.15	60.17	51.14	72.56	-21.41	75.67	11.33	31.67	26.92	0.00	26.92	0.00	0.00
4094+00.00 TO 4095+00.00	36.35	30.90	387.59	-356.69	205.8													

EARTHWORK SCHEDULE	STAGE 1						STAGE 2						STAGE 3					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
MAINLINE I-94 (SOUTHBOUND)	(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)	(CU YD)
14052+61.60 TO 14053+00.00	41.46	35.24	61.90	-26.66	47.16	13.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14053+00.00 TO 14054+00.00	108.74	92.43	51.89	108.74	57.39	16.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14054+00.00 TO 14055+00.00	111.96	95.17	0.00	95.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14055+00.00 TO 14055+67.49	71.89	61.11	0.00	61.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14055+67.49 TO 14056+00.00	22.75	19.34	0.00	19.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14056+00.00 TO 14056+41.25	15.35	13.04	0.00	13.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14058+50.26 TO 14059+00.00	18.36	15.60	0.00	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14059+00.00 TO 14059+19.40	13.64	11.59	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14059+19.40 TO 14060+00.00	84.29	71.64	0.00	71.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14060+00.00 TO 14061+00.00	102.63	87.24	0.00	87.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14061+00.00 TO 14062+00.00	105.04	89.28	0.00	89.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14062+00.00 TO 14063+00.00	108.50	92.23	0.00	92.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14063+00.00 TO 14064+00.00	106.31	90.37	0.00	90.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14064+00.00 TO 14065+00.00	107.37	91.26	0.00	91.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14065+00.00 TO 14066+00.00	110.83	94.21	43.52	50.69	53.61	15.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14066+00.00 TO 14067+00.00	113.41	96.40	99.94	-3.55	100.93	26.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14067+00.00 TO 14068+00.00	108.85	92.52	76.24	16.28	80.61	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14068+00.00 TO 14069+00.00	106.70	90.70	40.02	50.68	72.76	8.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14069+00.00 TO 14069+44.83	48.09	40.88	20.22	20.66	37.73	4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14069+44.83 TO 14069+81.32	53.50	45.47	23.09	22.38	35.46	4.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14069+81.32 TO 14070+00.00	42.34	35.99	10.94	25.05	17.58	2.18	37.19	31.61	96.60	-64.98	27.39	7.71	14.12	12.01	0.00	0.00	0.00	0.00
14070+00.00 TO 14071+00.00	235.63	200.29	49.65	150.64	90.24	9.70	278.85	237.02	1,519.09	-1,282.07	333.06	97.57	72.39	61.53	0.00	61.53	0.00	0.00
14071+00.00 TO 14072+00.00	240.28	204.24	36.57	167.66	83.81	6.56	289.44	246.03	1,890.24	-1,644.21	380.00	114.83	71.85	61.07	0.00	61.07	0.00	0.00
14072+00.00 TO 14073+00.00	229.89	195.41	39.31	156.09	85.63	6.54	260.61	221.52	925.35	-703.83	222.20	63.67	73.87	62.79	0.00	62.79	0.00	0.00
14073+00.00 TO 14074+00.00	216.72	184.21	62.06	122.16	97.52	10.70	261.87	222.59	64.80	157.79	63.67	11.96	75.09	63.83	0.00	63.83	0.00	0.00
14074+00.00 TO 14075+00.00	218.15	185.43	65.83	119.59	99.78	11.43	270.91	230.27	35.31	194.96	60.30	11.87	76.28	64.84	0.00	64.84	0.00	0.00
14075+00.00 TO 14076+00.00	219.39	186.48	51.80	134.68	90.98	8.67	274.74	233.53	11.72	221.81	65.70	11.87	75.91	64.52	0.00	64.52	0.00	0.00
14076+00.00 TO 14077+00.00	214.61	182.42	47.48	134.94	87.24	7.78	275.43	234.11	3.87	230.24	52.69	11.96	70.61	60.02	0.00	60.02	0.00	0.00
14077+00.00 TO 14078+00.00	196.11	166.69	64.33	102.36	93.15	9.94	261.15	221.98	5.85	216.12	53.02	11.96	62.37	53.01	0.00	53.01	0.00	0.00
14078+00.00 TO 14079+00.00	185.65	157.80	84.35	73.45	103.17	13.37	238.85	203.02	7.09	195.93	35.43	5.98	56.31	47.87	0.00	47.87	0.00	0.00
14079+00.00 TO 14080+00.00	175.48	149.16	138.94	10.21	131.61	22.91	231.22	196.54	8.89	187.65	21.39	1.09	51.50	43.78	0.00	43.78	0.00	0.00
14080+00.00 TO 14081+00.00	164.78	140.06	234.50	-94.44	192.17	43.24	227.43	193.31	21.41	171.90	34.07	4.31	49.48	42.06	0.00	42.06	0.00	0.00
14081+00.00 TO 14082+00.00	225.17	191.39	302.93	-111.53	242.72	60.11	214.83	182.61	50.17	132.44	60.22	10.09	56.61	48.12	0.00	48.12	0.00	0.00
14082+00.00 TO 14083+00.00	329.91	280.42	356.70	-76.28	265.56	68.26	193.80	164.73	165.69	-0.96	124.02	27.15	68.63	58.34	0.00	58.34	0.00	0.00
14083+00.00 TO 14084+00.00	380.37	323.31	409.87	-86.56	231.35	73.61	170.67	145.07	319.65	-174.58	185.04	44.11	72.09	61.28	0.00	61.28	0.00	0.00
14084+00.00 TO 14085+00.00	338.02	287.32	441.89	-154.57	192.24	74.96	142.37	121.01	336.37	-215.36	186.85	41.67	66.52	56.54	0.00	56.54	0.00	0.00
14085+00.00 TO 14086+00.00	289.15	245.78	508.93	-263.15	239.48	74.54	129.65	110.20	247.94	-137.74	190.76	39.65	58.15	49.43	0.00	49.43	0.00	0.00
14086+00.00 TO 14087+00.00	233.37	198.36	714.06	-515.69	282.20	74.28	107.70	91.55	662.43	-570.88	243.39	57.39	46.37	39.41	0.00	39.41	0.00	0.00
14087+00.00 TO 14088+00.00	234.37	199.21	739.85	-540.64	282.35	74.06	89.13	75.76	706.41	-630.65	227.87	56.94	43.00	36.55	0.00	36.55	0.00	0.00
14088+00.00 TO 14089+00.00	279.83	237.86	572.52	-334.66	281.52	73.89	105.78	89.91	183.85	-93.94	128.85	30.76	47.61	40.47	0.00	40.47	0.00	0.00
14089+00.00 TO 14090+00.00	235.87	200.49	495.57	-295.08	254.11	64.43	116.37	98.91	70.33	28.58	74.11	16.93	48.56	41.27	0.00	41.27	0.00	0.00
14090+00.00 TO 14091+00.00	169.59	144.15	435.76	-291.61	189.76	42.24	116.41	98.95	48.57	50.37	55.78	11.43	49.69	42.23	0.00	42.23	0.00	0.00
14091+00.00 TO 14092+00.00	188.06	159.85	280.26	-120.41	146.74	27.37	134.31	114.17	23.56	90.61	34.37	4.63	59.06	50.20	0.00	50.20	0.00	0.00
14092+00.00 TO 14093+00.00	270.54	229.96	82.00	147.96	144.93	26.94	154.96	131.72	11.22	120.50	22.28	0.74	68.02	57.82	0.00	57.82	0.00	0.00
14093+00.00 TO 14094+00.00	274.46	233.29	5.98	227.31	74.15	14.30	166.89	141.86	5.30	136.56	10.20	0.00	72.57	61.69	0.00	61.69	0.00	0.00
14094+00.00 TO 14095+00.00	232.31	197.47	4.85	192.62	32.30	0.00	170.50	144.93	3.04	141.89	13.61	0.57	76.09	64.68	0.00	64.68	0.00	0.00
14095+00.00 TO 14096+00.00	209.54	178.11	21.02	157.09	70.81	2.89	161.33	137.13	6.76	130.37	23.43	0.57	70.85	60.22	0.00	60.22	0.00	0.00
14096+00.00 TO 14097+00.00	191.98	163.18	49.30	113.89	90.70	10.67	149.70	127.25	9.48	117.77	19.63	1.06	63.07	53.61	0.00	53.61	0.00	0.00
14097+00.00 TO 14098+00.00	192.07	163.26	62.81	100.45	102.06	15.09	145.33	123.53	8.91	114.63	16.31	1.06	63.11	53.64	0.00	53.64	0.00	0.00
14098+00.00 TO 14099+00.00	202.78	172.36	43.15	129.21	86.26	10.43	144.57	122.89	6.59	116.30	12.72	0.00	65.28	55.49	0.00	55.49	0.00	0.00
14099+00.00 TO 14100+00.00	198.13	168.41	23.39	145.02	66.28	4.37	141.35	120.15	6.59	113.56	12.67	0.00	69.74	59.28	0.00	59.28	0.00	0.00
14100+00.00 TO 14101+00.00	211.13	179.46	13.89	165.57	37.48	1.26	148.48	126.21	15.43	110.78	71.44	19.52	73.93	62.84	0.00	62.84	0.00	0.00
14101+00.00 TO 14102+00.00	222.33	188.98	7.83	181.15	16.39	1.24	151.83	129.06	16.39	101.50	102.26	29.78	70.67	60.07	0.00	60.07	0.00	0.00
14102+00.00 TO 14103+00.00	215.54	183.21	8.76	174.45	20.31	4.31	150.78	128.16	21.11	107.05	54.07	13.78	68.19	57.96	0.00	57.96	0.00	0.00
14103+00.00 TO 14104+00.00	211.15	179.48	12.61	166.86	26.81	8.19	150.39	127.83	10.28	117.55	25.52	3.52	68.93	58.59	0.00	58.59	0.00	0.00
14104+00.00 TO 14104+78.97	151.26	128.57	6.35	122.22	12.08	4.04	120.34	102.29	7.90	94.39	14.19	0.56	52.43	44.56	0.00	44.56	0.00	0.00

EARTHWORK SCHEDULE	STAGE 1						STAGE 2						STAGE 3					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
IL-173	(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)	(CU YD)
2016+08.15 TO 2017+00.00	135.34	115.04	142.78	-27.73	120.85	27.84	143.32	121.82	417.95	-296.13	180.38	48.90	0.00	0.00	0.00	0.00	0.00	0.00
2017+00.00 TO 2018+00.00	156.81	133.29	505.98	-372.69	209.72	55.54	177.06	150.50	813.72	-663.23	241.67	69.00	0.00	0.00	0.00	0.00	0.00	0.00
2018+00.00 TO 2019+00.00	158.04	134.33	1,238.26	-1,103.93	299.06	84.56	196.04	166.63	874.46	-707.83	249.83	72.20	0.00	0.00	0.00	0.00	0.00	0.00
2019+00.00 TO 2020+00.00	127.94	108.75	1,643.56	-1,534.80	325.98	94.02	180.65	153.55	1,399.98	-1,246.43	304.98	89.46	0.00	0.00	0.00	0.00	0.00	0.00
2020+00.00 TO 2021+00.00	91.26	77.57	1,456.00	-1,378.43	305.56	86.69	119.44	101.53	2,190.65	-2,089.12	374.65	110.20	0.00	0.00	0.00	0.00	0.00	0.00
2021+00.00 TO 2022+00.00	43.39	36.88	992.69	-955.80	246.59	64.30	55.91	47.52	2,785.59	-2,738.07	406.41	115.96	0.00	0.00	0.00	0.00	0.00	0.00
2022+00.00 TO 2023+00.00	8.61	7.32	1,319.87	-1,312.55	284.81	74.37	19.00	16.15	3,757.87	-3,741.72	452.57	122.98	0.00	0.00	0.00	0.00	0.00	0.00
2023+00.00 TO 2024+00.00	0.00	0.00	2,743.91	-2,743.91	366.57	98.70	0.35	0.30	4,396.28	-4,395.98	476.15	127.52	0.00	0.00	0.00	0.00	0.00	0.00
2024+00.00 TO 2025+00.00	0.00	0.00	4,083.98	-4,083.98	388.70	101.96	0.00	0.00	4,581.98	-4,581.98	470.39	126.72	0.00	0.00	0.00	0.00	0.00	0.00
2025+00.00 TO 2026+00.00	0.00	0.00	4,919.41	-4,919.41	426.00	111.67	0.00	0.00	4,167.24	-4,167.24	438.26	112.57	0.00	0.00	0.00	0.00	0.00	0.00
2026+00.00 TO 2027+00.00	0.00	0.00	2,634.39	-2,634.39	226.00	59.35	0.00	0.00	1,058.15	-1,058.15	123.73	24.45	0.00	0.00	0.00	0.00	0.00	0.00
2027+00.00 TO 2028+00.00	0.00	0.00	2,680.98	-2,680.98	228.09	60.00	0.00	0.00	359.76	-359.76	77.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028+00.00 TO 2029+00.00	0.00	0.00	2,749.84	-2,749.84	226.92	60.19	0.00	0.00	511.39	-511.39	112.94	12.99	0.00	0.00	0.00	0.00	0.00	0.00
2029+00.00 TO 2030+00.00	0.00	0.00	2,833.20	-2,833.20	227.78	60.56	0.00	0.00	861.93	-861.93	135.41	32.12	0.00	0.00	0.00	0.00	0.00	0.00
2030+00.00 TO 2031+00.00	0.00	0.00	4,451.70	-4,451.70	412.61	105.78	0.00	0.00	3,079.41	-3,079.41	351.87	91.61	0.00	0.00	0.00	0.00	0.00	0.00
2031+00.00 TO 2032+00.00	0.00	0.00	2,174.46	-2,174.46	283.35	72.24	0.00	0.00	4,639.30	-4,639.30	423.98	114.37	0.00	0.00	0.00	0.00	0.00	0.00
2032+00.00 TO 2033+00.00	0.00	0.00	65.89	-65.89	11.06	3.06	0.00	0.00	295.06	-295.06	25.23	6.82	0.00	0.00	0.00	0.00	0.00	0.00
2033+47.95 TO 2034+00.00	0.00	0.00	1,887.54	-1,887.54	195.90	49.59	0.00	0.00	2,217.06	-2,217.06	222.58	60.78	0.00	0.00	0.00	0.00	0.00	0.00
2034+00.00 TO 2035+00.00	0.00	0.00	3,563.96	-3,563.96	377.94	97.80	0.00	0.00	2,778.59	-2,778.59	387.52	103.87	0.00	0.00	0.00	0.00	0.00	0.00
2035+00.00 TO 2036+00.00	5.91	5.02	3,547.61	-3,542.59	379.50	100.28	6.93	5.89	1,062.13	-1,056.24	288.56	70.85	0.00	0.00	0.00	0.00	0.00	0.00
2036+00.00 TO 2037+00.00	24.80	21.08	2,690.50	-2,669.42	331.24	85.04	44.96	38.22	170.54	-132.32	157.19	22.07	0.00	0.00	0.00	0.00	0.00	0.00
2037+00.00 TO 2038+00.00	22.91	19.47	646.88	-627.41	120.75	27.63	47.92	40.73	66.21	-25.48	65.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038+00.00 TO 2039+00.00	46.35	39.40	264.01	-224.61	100.17	20.42	46.80	39.78	265.42	-225.64	91.21	8.38	0.00	0.00	0.00	0.00	0.00	0.00
2039+00.00 TO 2040+00.00	129.13	109.76	198.43	-88.67	199.24	43.06	50.13	42.61	725.94	-683.33	196.74	35.02	0.00	0.00	0.00	0.00	0.00	0.00
2040+00.00 TO 2041+00.00	95.59	81.25	126.48	-45.23	170.28	36.91	45.28	38.49	577.11	-538.63	180.09	36.52	0.00	0.00	0.00	0.00	0.00	0.00
2041+00.00 TO 2042+00.00	108.09	91.88	146.43	-54.55	144.35	30.02	167.15	142.08	279.50	-137.42	170.57	39.80	0.00	0.00	0.00	0.00	0.00	0.00
2042+00.00 TO 2043+00.00	144.20	122.57	227.04	-104.46	141.31	32.04	247.78	210.61	69.52	141.09	169.94	42.31	0.00	0.00	0.00	0.00	0.00	0.00
2043+00.00 TO 2044+00.00	119.61	101.67	302.19	-200.52	130.91	30.50	178.74	151.93	137.28	14.65	180.37	42.74	0.00	0.00	0.00	0.00	0.00	0.00
2044+00.00 TO 2045+00.00	95.30	81.00	276.70	-195.70	130.46	29.43	445.48	378.66	98.94	279.71	198.80	47.72	0.00	0.00	0.00	0.00	0.00	0.00
2045+00.00 TO 2046+00.00	106.39	90.43	231.91	-141.48	141.04	31.44	798.65	678.85	2.89	675.96	192.00	45.81	0.00	0.00	0.00	0.00	0.00	0.00
2046+00.00 TO 2047+00.00	129.26	109.87	97.74	12.13	126.33	26.65	484.76	412.05	4.44	407.60	113.76	21.37	0.00	0.00	0.00	0.00	0.00	0.00
2047+00.00 TO 2048+00.00	120.76	102.65	14.46	88.18	87.15	15.78	114.70	97.50	107.57	-10.08	87.54	14.09	0.00	0.00	0.00	0.00	0.00	0.00
2048+00.00 TO 2049+00.00	107.09	91.03	48.13	42.90	67.98	11.61	114.98	97.73	113.91	-16.17	82.07	17.98	0.00	0.00	0.00	0.00	0.00	0.00
2049+00.00 TO 2050+00.00	104.67	88.97	63.26	25.71	69.26	14.06	116.06	98.65	29.96	68.68	56.06	11.33	0.00	0.00	0.00	0.00	0.00	0.00
2050+00.00 TO 2051+00.00	101.74	86.48	38.87	47.61	68.09	16.09	98.85	84.02	78.48	5.54	68.54	13.30	0.00	0.00	0.00	0.00	0.00	0.00
2051+00.00 TO 2051+71.59	98.78	83.96	31.65	52.31	67.30	18.09	126.59	107.60	57.67	49.94	35.02	7.17	0.00	0.00	0.00	0.00	0.00	0.00
2051+00.00 TO 2051+71.59	75.10	63.84	21.17	42.67	48.44	14.42	91.04	77.38	15.29	62.10	16.01	1.68	0.00	0.00	0.00	0.00	0.00	0.00

EARTHWORK SCHEDULE	STAGE 1					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
IL-173 - RAMP A	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
151+00.00 TO 151+67.45	3.24	2.75	1,347.85	-1,345.10	262.82	68.55
151+67.45 TO 152+00.00	6.81	5.79	345.35	-339.56	103.85	29.55
152+00.00 TO 153+00.00	122.28	103.94	495.22	-391.29	278.78	81.83
153+00.00 TO 154+00.00	321.28	273.09	25.93	247.16	254.69	75.17
154+00.00 TO 155+00.00	448.07	380.86	18.04	362.83	257.15	76.52
155+00.00 TO 156+00.00	394.41	335.25	18.24	317.01	209.20	61.39
156+00.00 TO 157+00.00	273.00	232.05	23.81	208.24	134.87	36.69
157+00.00 TO 158+00.00	206.83	175.81	24.69	151.12	115.07	31.17
158+00.00 TO 158+98.66	184.57	156.88	24.12	132.77	96.10	26.35

EARTHWORK SCHEDULE	STAGE 1					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
IL-173 - RAMP B	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
53+40.00 TO 54+00.00	131.12	111.45	23.17	88.29	54.48	16.07
54+00.00 TO 55+00.00	239.57	203.64	122.07	81.56	190.11	54.76
55+00.00 TO 56+00.00	227.17	193.09	315.93	-122.83	264.43	70.30
56+00.00 TO 57+00.00	207.30	176.20	600.02	-423.82	299.76	74.00
57+00.00 TO 58+00.00	271.15	230.48	765.74	-535.26	336.52	80.24
58+00.00 TO 58+50.00	178.57	151.79	380.37	-228.58	185.17	44.74
58+50.00 TO 59+00.00	176.36	149.91	351.99	-202.08	207.88	53.02
59+00.00 TO 59+65.00	167.75	142.59	544.75	-402.16	259.71	51.34

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NA		SHEET NO. 5 OF 8 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	48
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77 IL 173\60L77 Sheets\60L77-int-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	377.28	320.69	57.39	263.30	266.39	86.13
184+00.00	TO 185+00.00	315.35	268.05	22.46	245.59	152.65	49.96
185+00.00	TO 185+95.00	211.90	180.12	23.20	156.91	82.28	24.38

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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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULE

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

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

S:\1101\95-CADD\60L77 IL 173\60L77 Sheets\0160L77-INT-CV11 schedule.dgn

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	-	-	14,568.73	-4,124.80	16,427.94	4,210.14	12,217.80	-	-	-	-	-	2,942.03	677.91	2,885.69	786.21	2,099.47
MAINLINE I-94 (NORTHBOUND)	-	-	3,568.19	-28,361.09	10,024.21	2,354.38	7,669.83	3,462.64	1,488.97	1,414.15	221.34	1,192.81	1,315.34	1,118.03	0.00	0.00	0.00
MAINLINE I-94 (SOUTHBOUND)	-	-	9,585.63	1,244.92	5,047.13	1,069.55	3,977.58	6,385.18	-2,117.94	3,248.50	766.69	2,481.81	2,248.94	1,911.60	0.00	0.00	0.00
IL-173	-	-	2,357.08	-49,058.34	7,687.31	1,951.65	5,735.66	4,118.55	-41,548.40	7,805.37	1,920.71	5,884.66	-	-	-	-	-
IL-173 - RAMP A	-	-	1,960.48	-656.83	1,712.53	487.21	1,225.32	-	-	-	-	-	-	-	-	-	-
IL-173 - RAMP B	-	-	1,598.99	-1,744.89	1,798.05	444.46	1,353.59	-	-	-	-	-	-	-	-	-	-
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	-	-	3,092.94	2,103.57	1,676.60	535.91	1,140.69	-	-	-	-	-	-	-	-	-	-
DETENTION BASIN	-	-	-	-	-	-	-	5,444.12	4,377.97	3,525.46	1,175.59	2,349.87	-	-	-	-	-
MAINTENANCE OF TRAFFIC	-	-816.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-816	37,641	-86,706	46,452	11,685	34,767	21,523	-37,374	16,841	4,336	12,505	6,506	3,708	2,886	786	2,099

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	37,641	86,706	46,452
STAGE 2	21,523	37,374	16,841
STAGE 3	6,506	0	2,886
	<b>65,670</b>	<b>124,896</b>	<b>66,178</b>

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		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	50	
		CHECKED - RGR	REVISED -			<b>CONTRACT NO. 60L77</b>					
		DATE - 6/19/2012	REVISED -			SCALE: NA	SHEET NO. 7 OF 8 SHEETS	STA. NA	TO STA. NA	ILLINOIS FED. AID PROJECT	

S:\1101\95\CADD\60L77 IL 173\60L77 Sheets\160L77-ht-cv1 schedule.dgn

DETENTION BASIN STORAGE VOLUME			VOLUME BELOW 716.35
DETENTION BASIN*			(ACRE-FEET)
4073+67.50	TO	4074+00.00	0.09
4074+00.00	TO	4075+00.00	0.35
4075+00.00	TO	4076+00.00	0.42
4076+00.00	TO	4077+00.00	0.41
4077+00.00	TO	4078+00.00	0.36
4078+00.00	TO	4079+00.00	0.27
4079+00.00	TO	4080+00.00	0.15
			2.05

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

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		DRAWN -	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CIVIL SCHEDULE**

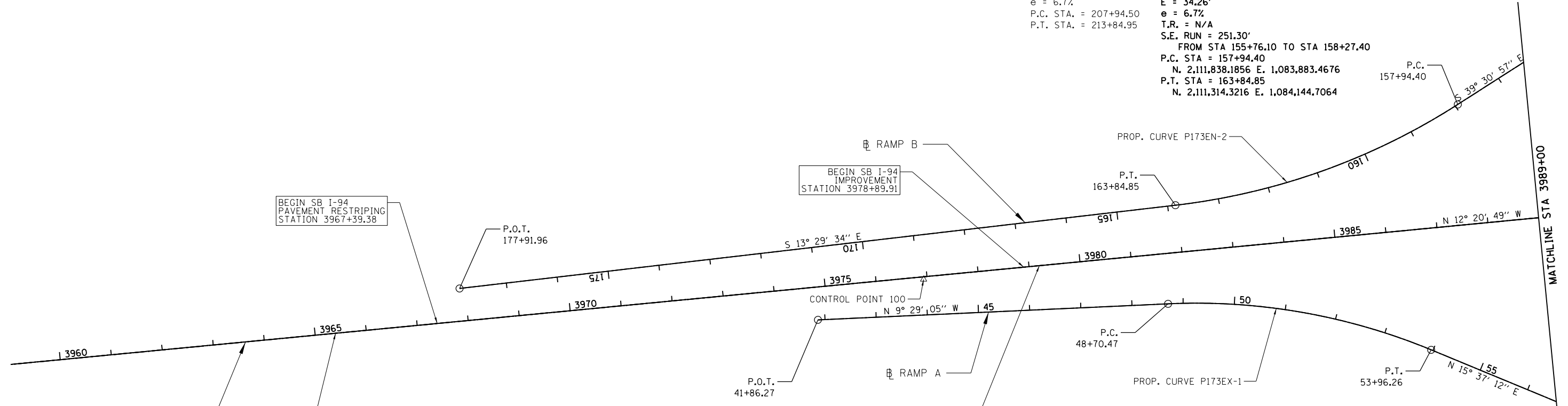
SCALE: NA SHEET NO. 8 OF 8 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	51
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77 IL 173\60L77 Sheets\0160L77-ht-civil schedule.dgn

EXIST. CURVE E\_SBENI-2  
 PI STA. = 210+94.90  
 $\Delta = 26^\circ 01' 24''$  (RT)  
 D = 4° 24' 27"  
 R = 1,300.00'  
 T = 300.41'  
 L = 590.45'  
 E = 34.26'  
 e = 6.7%  
 P.C. STA. = 207+94.50  
 P.T. STA. = 213+84.95

PROP. CURVE P173EN-2  
 PI STA. = 160+94.81  
 N. 2,111,606.4374 E. 1,084,074.6149  
 $\Delta = 26^\circ 01' 24''$  (RT)  
 D = 4° 24' 27"  
 R = 1,300.00'  
 T = 300.41'  
 L = 590.45'  
 E = 34.26'  
 e = 6.7%  
 T.R. = N/A  
 S.E. RUN = 251.30'  
 FROM STA 155+76.10 TO STA 158+27.40  
 P.C. STA = 157+94.40  
 N. 2,111,838.1856 E. 1,083,883.4676  
 P.T. STA = 163+84.85  
 N. 2,111,314.3216 E. 1,084,144.7064



EXIST. CURVE E\_NBEX1-1  
 PI STA. = 319+51.38  
 $\Delta = 25^\circ 06' 16''$  (RT)  
 D = 4° 46' 29"  
 R = 1,200.00'  
 T = 267.18'  
 L = 525.79'  
 E = 29.38'  
 e = 7.0%  
 P.C. STA. = 316+84.20  
 P.T. STA. = 322+09.99

PROP. CURVE P173EX-1  
 PI STA. = 51+37.65  
 N. 2,111,586.5008 E. 1,084,293.5943  
 $\Delta = 25^\circ 06' 16''$  (RT)  
 D = 4° 46' 29"  
 R = 1,200.00'  
 T = 267.18'  
 L = 525.79'  
 E = 29.38'  
 e = 7.0%  
 T.R. = 44.10'  
 FROM STA 55+20.54 TO STA 55+64.64  
 S.E. RUN = 180.54'  
 FROM STA 53+40.00 TO STA 55+20.54  
 P.C. STA = 48+70.47  
 N. 2,111,322.9715 E. 1,084,337.6212  
 P.T. STA = 53+96.26  
 N. 2,111,843.8154 E. 1,084,365.5340

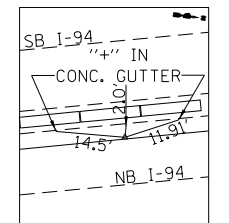
BEGIN SB I-94  
 PAVEMENT RESTRIPING  
 STATION 3967+39.38

BEGIN SB I-94  
 IMPROVEMENT  
 STATION 3978+89.91

BEGIN NB I-94  
 PAVEMENT RESTRIPING  
 STATION 3965+40.00

BEGIN NB I-94  
 IMPROVEMENT  
 STATION 3979+20.42

CONTROL POINTS ARE NOT TO SCALE



CONTROL POINT 100  
 MAG. NAIL SET IN  
 INSIDE BIT. SHOULDER  
 OF NB I-94  
 N: 2,110,842.826  
 E: 1,084,346.223  
 EL: 735.27

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		DRAWN - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

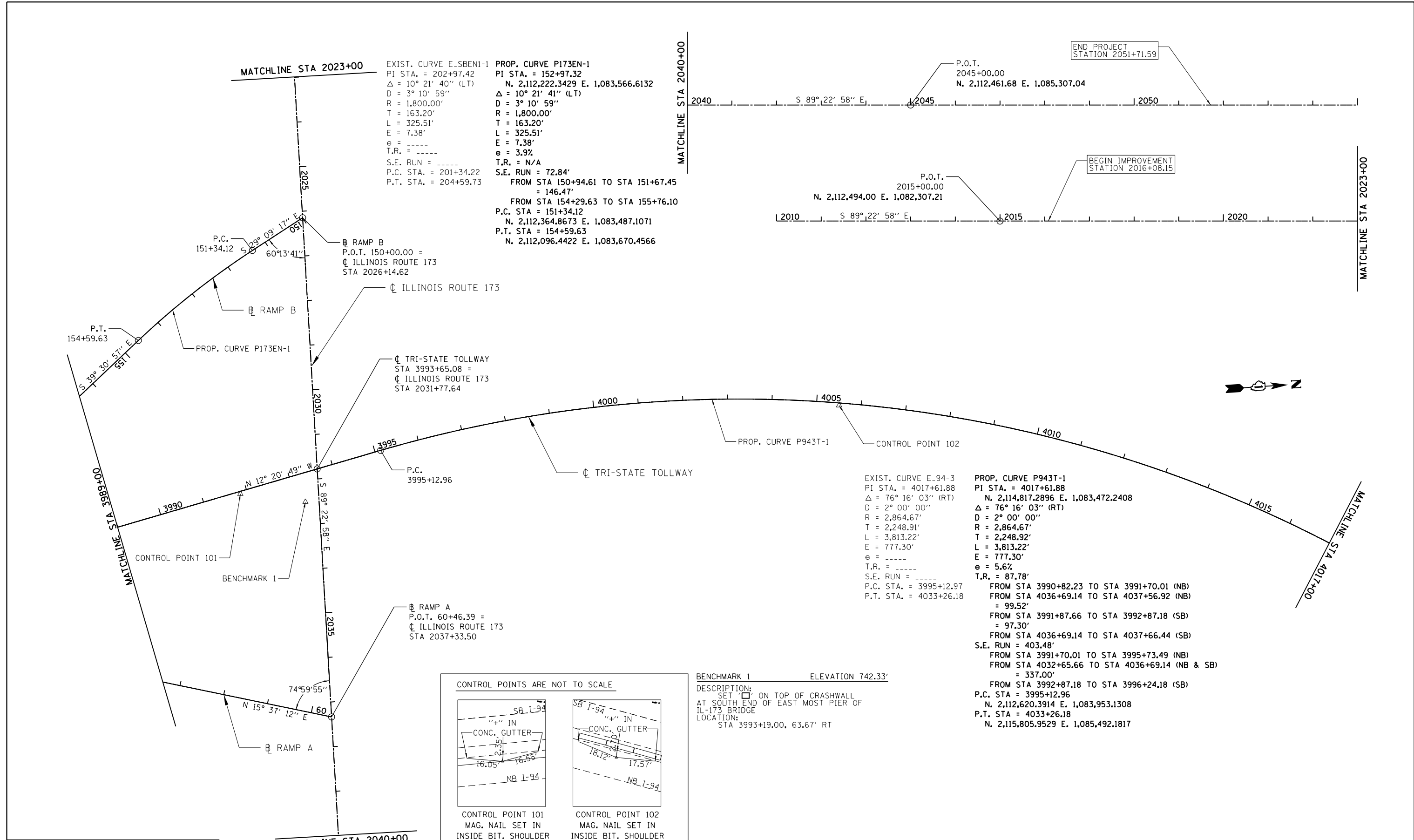
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 1 OF 5 SHEETS STA. 3959+00 TO STA. 3989+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	52
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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EXIST. CURVE E\_SBENI-1  
 PI STA. = 202+97.42  
 $\Delta = 10^\circ 21' 40''$  (LT)  
 $D = 3^\circ 10' 59''$   
 $R = 1,800.00'$   
 $T = 163.20'$   
 $L = 325.51'$   
 $E = 7.38'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 201+34.22  
 P.T. STA. = 204+59.73

PROP. CURVE P173EN-1  
 PI STA. = 152+97.32  
 $N. 2,112,222.3429 \text{ E. } 1,083,566.6132$   
 $\Delta = 10^\circ 21' 41''$  (LT)  
 $D = 3^\circ 10' 59''$   
 $R = 1,800.00'$   
 $T = 163.20'$   
 $L = 325.51'$   
 $E = 7.38'$   
 $e = 3.9\%$   
 $T.R. = N/A$   
 $S.E. \text{ RUN} = 72.84'$   
 FROM STA 150+94.61 TO STA 151+67.45 = 146.47'  
 FROM STA 154+29.63 TO STA 155+76.10 = 146.47'  
 P.C. STA = 151+34.12  
 $N. 2,112,364.8673 \text{ E. } 1,083,487.1071$   
 P.T. STA = 154+59.63  
 $N. 2,112,096.4422 \text{ E. } 1,083,670.4566$

END PROJECT STATION 2051+71.59

P.O.T. 2045+00.00  
 $N. 2,112,461.68 \text{ E. } 1,085,307.04$

BEGIN IMPROVEMENT STATION 2016+08.15

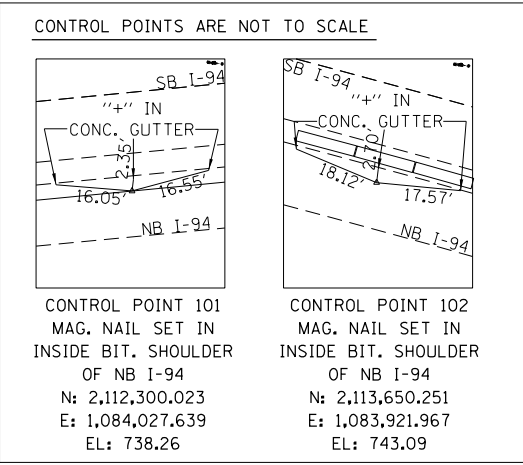
P.O.T. 2015+00.00  
 $N. 2,112,494.00 \text{ E. } 1,082,307.21$

EXIST. CURVE E\_94-3  
 PI STA. = 4017+61.88  
 $\Delta = 76^\circ 16' 03''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.67'$   
 $T = 2,248.91'$   
 $L = 3,813.22'$   
 $E = 777.30'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 3995+12.96  
 P.T. STA. = 4033+26.18

PROP. CURVE P943T-1  
 PI STA. = 4017+61.88  
 $N. 2,114,817.2896 \text{ E. } 1,083,472.2408$   
 $\Delta = 76^\circ 16' 03''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.67'$   
 $T = 2,248.92'$   
 $L = 3,813.22'$   
 $E = 777.30'$   
 $e = 5.6\%$   
 $T.R. = 87.78'$   
 FROM STA 3990+82.23 TO STA 3991+70.01 (NB) = 99.52'  
 FROM STA 4036+69.14 TO STA 4037+56.92 (NB) = 99.52'  
 FROM STA 3991+87.66 TO STA 3992+87.18 (SB) = 97.30'  
 FROM STA 4036+69.14 TO STA 4037+66.44 (SB) = 97.30'  
 $S.E. \text{ RUN} = 403.48'$   
 FROM STA 3991+70.01 TO STA 3995+73.49 (NB) = 337.00'  
 FROM STA 4032+65.66 TO STA 4036+69.14 (NB & SB) = 337.00'  
 FROM STA 3992+87.18 TO STA 3996+24.18 (SB) = 337.00'  
 P.C. STA = 3995+12.96  
 $N. 2,112,620.3914 \text{ E. } 1,083,953.1308$   
 P.T. STA = 4033+26.18  
 $N. 2,115,805.9529 \text{ E. } 1,085,492.1817$

BENCHMARK 1 ELEVATION 742.33'

DESCRIPTION:  
 SET "X" ON TOP OF CRASHWALL  
 AT SOUTH END OF EAST MOST PIER OF  
 IL-173 BRIDGE  
 LOCATION:  
 STA 3993+19.00, 63.67' RT



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		DRAWN - JMG	REVISED -
	PLOT SCALE = 1/4" = 10' 1/4" = 5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 2 OF 5 SHEETS STA. 3989+00 TO STA. 4017+00

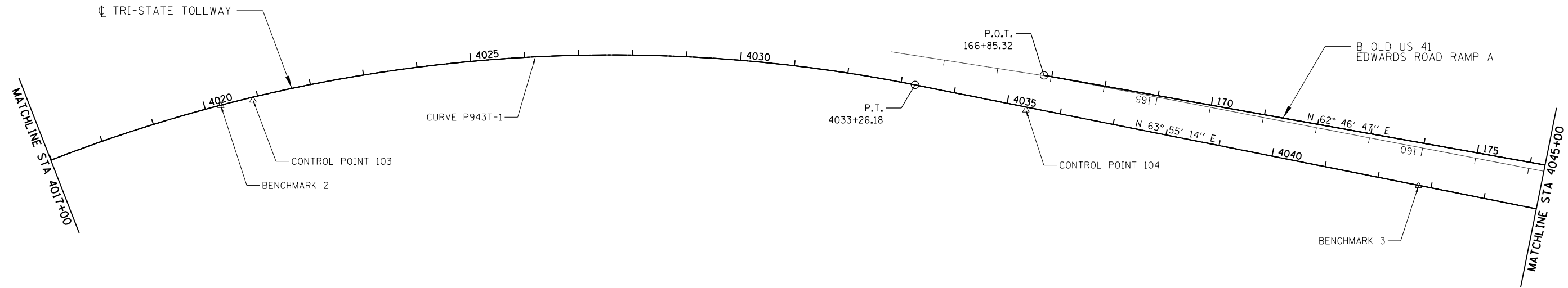
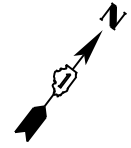
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	53
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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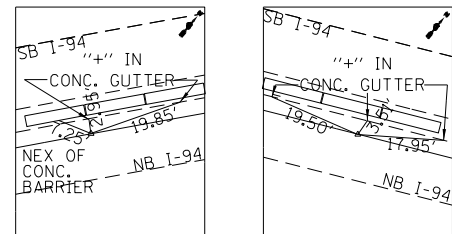
EXIST. CURVE E\_94-3  
 PI STA. = 4017+61.88  
 $\Delta = 76^\circ 16' 03''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.67'$   
 $T = 2,248.91'$   
 $L = 3,813.22'$   
 $E = 777.30'$   
 $e = \text{-----}$   
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 3995+12.97  
 P.T. STA. = 4033+26.18

PROP. CURVE P943T-1  
 PI STA. = 4017+61.88  
 $N. 2,114,817.2896$  E.  $1,083,472.2408$   
 $\Delta = 76^\circ 16' 03''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.67'$   
 $T = 2,248.92'$   
 $L = 3,813.22'$   
 $E = 777.30'$   
 $e = 5.6\%$   
 T.R. = 87.78'

FROM STA 3990+82.23 TO STA 3991+70.01 (NB)  
 FROM STA 4036+69.14 TO STA 4037+56.92 (NB)  
 = 99.52'  
 FROM STA 3991+87.66 TO STA 3992+87.18 (SB)  
 = 97.30'  
 FROM STA 4036+69.14 TO STA 4037+66.44 (SB)  
 S.E. RUN = 403.48'  
 FROM STA 3991+70.01 TO STA 3995+73.49 (NB)  
 FROM STA 4032+65.66 TO STA 4036+69.14 (NB & SB)  
 = 337.00'  
 FROM STA 3992+87.18 TO STA 3996+24.18 (SB)  
 P.C. STA = 3995+12.96  
 $N. 2,112,620,3914$  E.  $1,083,953.1308$   
 P.T. STA = 4033+26.18  
 $N. 2,115,805.9529$  E.  $1,085,492.1817$



CONTROL POINTS ARE NOT TO SCALE



CONTROL POINT 103  
 MAG. NAIL SET IN  
 INSIDE BIT. SHOULDER  
 OF NB I-94  
 $N: 2,115,039.233$   
 $E: 1,084,534.551$   
 $EL: 754.06$

CONTROL POINT 104  
 MAG. NAIL SET IN  
 INSIDE BIT. SHOULDER  
 OF NB I-94  
 $N: 2,115,892.815$   
 $E: 1,085,682.530$   
 $EL: 741.15$

BENCHMARK 2 ELEVATION 757.38'

DESCRIPTION:  
 SET ON TOP OF CONCRETE MEDIAN  
 WALL, WESTBOUND SIDE OF 3RD LIGHT POST,  
 NORTH OF MILE MARKER 2, 60' BEFORE  
 CONTROL POINT 3  
 LOCATION:  
 STA. 4020+29.64, 0.75' RT

BENCHMARK 3 ELEVATION 733.40'

DESCRIPTION:  
 SET ON TOP OF CONCRETE MEDIAN  
 WALL, WESTBOUND SIDE AT MILE MARKER 1/2  
 LOCATION:  
 STA 4042+76.61, 0.79' RT

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
	PLOT SCALE = 1/4" = 10' 1/4" = 5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 3 OF 5 SHEETS STA. 4017+00 TO STA. 4045+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	54
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE E..SBEN4-1 PI STA. = 139+94.40 Δ = 5° 02' 32" (RT) D = 2° 30' 00" R = 2,291.83' T = 100.91' L = 201.69' E = 2.22' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 138+93.49 P.T. STA. = 140+95.18	EXIST. CURVE E..SBEN4-2 PI STA. = 149+63.63 Δ = 9° 35' 53" (RT) D = 2° 47' 28" R = 2,052.74' T = 172.34' L = 343.87' E = 7.22' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 147+91.30 P.T. STA. = 151+35.17	EXIST. CURVE E..SBEN4-3 PI STA. = 153+11.85 Δ = 46° 42' 03" (RT) D = 13° 59' 59" R = 409.26' T = 176.68' L = 333.58' E = 36.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 151+35.17 P.T. STA. = 154+68.75	EXIST. CURVE E..SBEN4-4 PI STA. = 155+78.03 Δ = 6° 03' 20" (RT) D = 2° 46' 23" R = 2,066.22' T = 109.29' L = 218.37' E = 2.89' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 154+68.75 P.T. STA. = 156+87.12	EXIST. CURVE E..SBEX4-2 PI STA. = 92+84.44 Δ = 5° 52' 00" (LT) D = 1° 14' 58" R = 4,585.38' T = 234.96' L = 469.51' E = 6.02' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 90+49.48 P.T. STA. = 95+18.99
--	--	---	--	---

PROP. CURVE P94SEX4-1  
PI STA. = 2003+83.06  
N. 2,117,251.0394 E. 1,088,307.7759  
Δ = 4° 35' 44" (RT)  
D = 1° 15' 08"  
R = 4,576.00'  
T = 183.62'  
L = 367.04'  
E = 3.68'  
e = 2.6%  
T.R. = 36.77'  
FROM STA 2001+00.00 TO STA 2001+36.77  
S.E. RUN = 94.00'  
FROM STA 2001+36.77 TO STA 2002+30.77  
= 21.69' (TRANSITION e = 2.6% TO e = 2.0%)  
FROM STA 2005+56.84 TO STA 2005+35.15  
P.C. STA = 2001+99.44  
N. 2,117,067.7465 E. 1,088,318.6819  
P.T. STA = 2005+66.48  
N. 2,117,434.6168 E. 1,088,311.5910

PROP. CURVE P94SEN-1  
PI STA. = 181+06.53  
N. 2,116,614.8747 E. 1,086,934.9516  
Δ = 54° 10' 22" (LT)  
D = 11° 14' 04"  
R = 510.00'  
T = 260.83'  
L = 482.20'  
E = 62.83'  
e = 6.0%  
T.R. = N/A  
S.E. RUN = 111.56'  
FROM STA 177+89.92 TO STA 179+01.48  
P.C. STA = 178+45.70  
N. 2,116,495.5693 E. 1,086,703.0100  
P.C.C. STA = 183+27.90  
2,116,872.7641 E. 1,086,973.9862

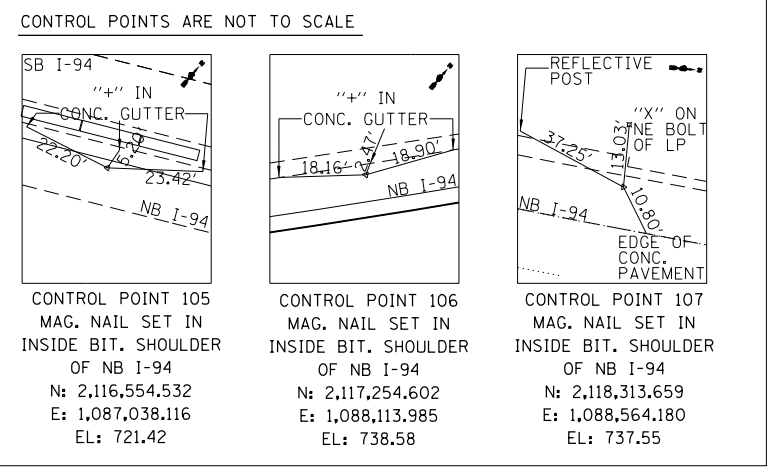
PROP. CURVE P94SEN-2  
PI STA. = 184+45.70  
N. 2,116,989.2358 E. 1,086,991.6156  
Δ = 7° 05' 33" (LT)  
D = 3° 00' 52"  
R = 1,900.79'  
T = 117.80'  
L = 235.30'  
E = 3.65'  
e = 3.4%  
T.R. = N/A  
S.E. RUN = 77.00' (TRANSITION e = 6.0% TO e = 3.4%)  
FROM STA 183+27.90 TO STA 184+04.90  
P.C. STA = 183+27.90  
N. 2,116,872.7641 E. 1,086,973.9862  
P.T. STA = 185+63.20  
N. 2,117,106.9931 E. 1,086,994.7291

PROP. CURVE P..94NB-2  
PI STA. = 4080+17.73  
N. 2,118,810.8923 E. 1,088,618.4277  
Δ = 7° 06' 40" (LT)  
D = 0° 58' 16"  
R = 5,900.00'  
T = 366.60'  
L = 732.26'  
E = 11.38'  
e = 3.4%  
T.R. = N/A  
S.E. RUN = 68.00' (TRANSITION e = 3.40% TO e = 2.80%)  
FROM STA 4083+15.39 TO STA 4083+83.39  
P.C. STA = 4076+51.13  
N. 2,118,445.7503 E. 1,088,585.7504  
P.T. STA = 4083+83.39  
N. 2,119,177.2710 E. 1,088,605.6514

EXIST. CURVE E..94SB-1  
PI STA. = 14063+95.83  
Δ = 61° 24' 56" (LT)  
D = 3° 00' 00"  
R = 1,909.86'  
T = 1,134.35'  
L = 2,047.19'  
E = 311.47'  
e = -----  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 14052+61.48  
P.T. STA. = 14073+08.67

PROP. CURVE P94SBT-1  
PI STA. = 14064+14.67  
N. 2,117,177.1809 E. 1,088,259.6211  
Δ = 61° 19' 45" (LT)  
D = 2° 56' 35"  
R = 1,946.86'  
T = 1,154.33'  
L = 2,083.91  
E = 316.49'  
e = 6.0%  
T.R. = 105.01'  
FROM STA 4048+62.47 TO STA 4049+67.48  
= 112.50'  
FROM STA 14076+44.25 TO STA 14077+56.75  
S.E. RUN = 420'  
FROM STA 4049+67.48 TO STA 14053+87.48  
= 450'  
FROM STA 14071+94.25 TO STA 14076+44.25  
P.C. STA = 14052+60.34  
N. 2,116,669.7158 E. 1,087,222.8177  
P.T. STA = 14073+44.25  
N. 2,118,330.3323 E. 1,088,311.8120

BENCHMARK 4 ELEVATION 743.02'  
DESCRIPTION:  
SET ON TOP OF CONCRETE LIGHT  
POLE BASE AT MILE MARKER 1, NB I-94 MEDIAN  
LOCATION:  
STA 4070+00.26, 15.73' LT



PROP. CURVE P94NEN4-1  
PI STA. = 101+27.00  
N. 2,117,245.1390 E. 1,088,530.0086  
Δ = 2° 10' 43" (RT)  
D = 1° 08' 45"  
R = 5,000.00'  
T = 95.07'  
L = 190.11'  
E = 0.90'  
e = 2.4%  
T.R. = 36.25'  
FROM STA 102+60.72 TO STA 102+96.97  
S.E. RUN = 76.12'  
FROM STA 99+75.15 TO STA 100+51.27  
= 58.00'  
FROM STA 102+02.72 TO STA 102+60.72  
P.C. STA = 100+31.94  
N. 2,117,150.2374 E. 1,088,524.3842  
P.T. STA = 102+22.05  
N. 2,117,339.7582 E. 1,088,539.2365

EXIST. CURVE E..94NB-1  
PI STA. = 4066+37.74  
Δ = 58° 31' 03" (LT)  
D = 3° 00' 00"  
R = 1,909.86'  
T = 1,069.96'  
L = 1,950.59'  
E = 279.29'  
e = -----  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 4055+67.78  
P.T. STA. = 4075+18.37

PROP. CURVE P..94NB-1  
PI STA. = 4066+44.05  
N. 2,117,251.0733 E. 1,088,478.8362  
Δ = 58° 48' 24" (LT)  
D = 3° 00' 00"  
R = 1,909.86'  
T = 1,076.30'  
L = 1,960.22'  
E = 282.39'  
e = 6.0%  
T.R. = 103.95'  
FROM STA 4051+19.79 TO STA 4052+23.74  
S.E. RUN = 404.75'  
FROM STA 4052+23.74 TO STA 4056+28.49  
= 232.76' (TRANSITION e = 6.0% TO e = 3.4%)  
FROM STA 4074+18.37 TO STA 4076+51.13  
P.C. STA = 4055+67.75  
N. 2,116,777.9150 E. 1,087,512.1217  
P.T. STA = 4075+27.98  
N. 2,118,323.0864 E. 1,088,574.7729

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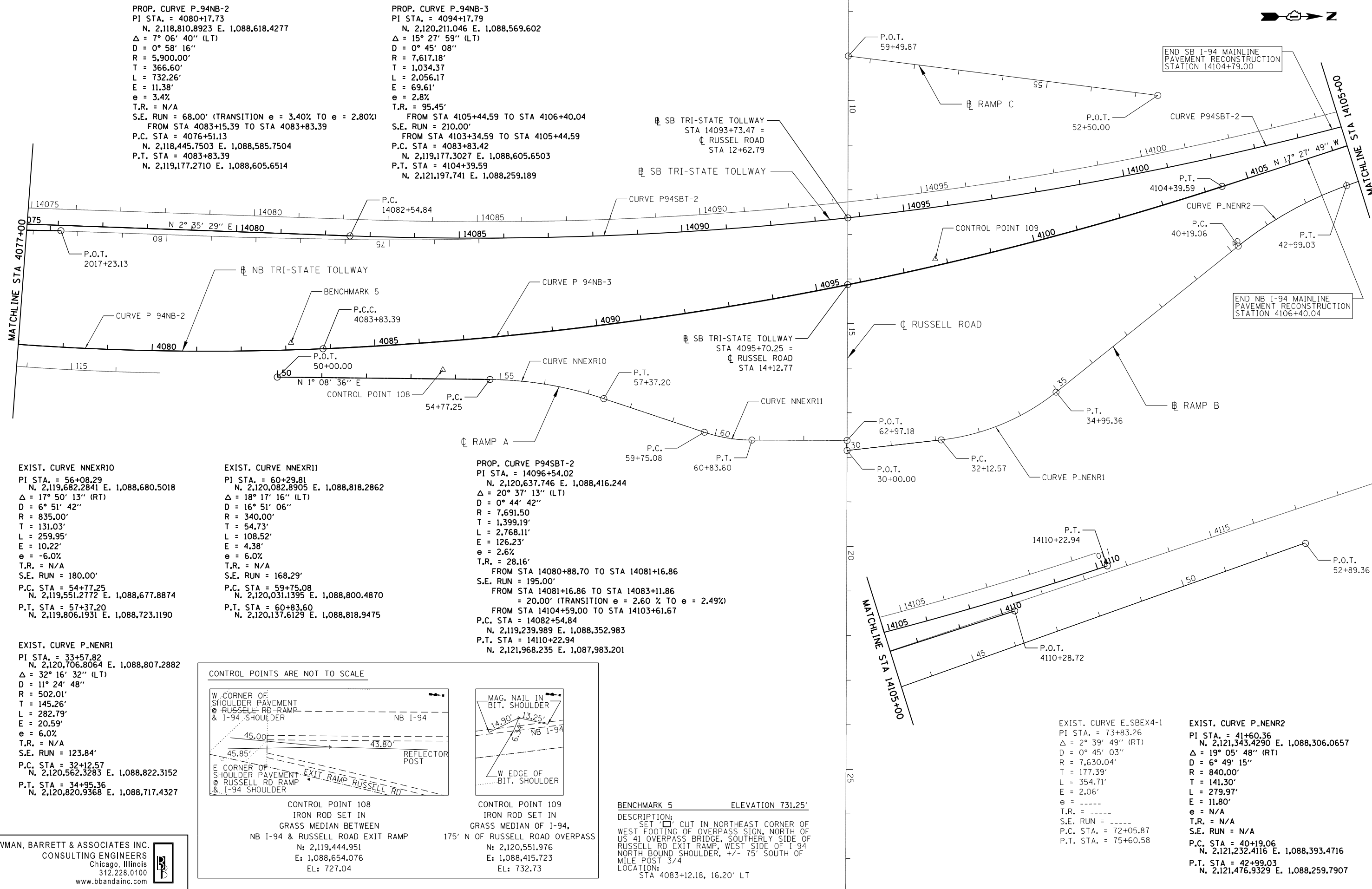
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	PLOT SCALE = H11"=10' V11"=5'	DRAWN - JMG	REVISD -		SCALE: 1" = 100'	SHEET NO. 4 OF 5 SHEETS	STA. 4045+00 TO STA. 4077+00	CONTRACT NO. 60L77				
	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISD -		ILLINOIS FED. AID PROJECT							
		DATE = 6/19/2012	REVISD -									

PROP. CURVE P-94NB-2  
 PI STA. = 4080+17.73  
 N. 2,118,810.8923 E. 1,088,618.4277  
 $\Delta = 7^\circ 06' 40''$  (LT)  
 D =  $0^\circ 58' 16''$   
 R = 5,900.00'  
 T = 366.60'  
 L = 732.26'  
 E = 11.38'  
 e = 3.4%  
 T.R. = N/A  
 S.E. RUN = 68.00' (TRANSITION e = 3.40% TO e = 2.80%)  
 FROM STA 4083+15.39 TO STA 4083+83.39  
 P.C. STA = 4076+51.13  
 N. 2,118,445.7503 E. 1,088,585.7504  
 P.T. STA = 4083+83.39  
 N. 2,119,177.2710 E. 1,088,605.6514

PROP. CURVE P-94NB-3  
 PI STA. = 4094+17.79  
 N. 2,120,211.046 E. 1,088,569.602  
 $\Delta = 15^\circ 27' 59''$  (LT)  
 D =  $0^\circ 45' 08''$   
 R = 7,617.18'  
 T = 1,034.37'  
 L = 2,056.17'  
 E = 69.61'  
 e = 2.8%  
 T.R. = 95.45'  
 FROM STA 4105+44.59 TO STA 4106+40.04  
 S.E. RUN = 210.00'  
 FROM STA 4103+34.59 TO STA 4105+44.59  
 P.C. STA = 4083+83.42  
 N. 2,119,177.3027 E. 1,088,605.6503  
 P.T. STA = 4104+39.59  
 N. 2,121,197.741 E. 1,088,259.189

END SB I-94 MAINLINE  
 PAVEMENT RECONSTRUCTION  
 STATION 14104+79.00

END NB I-94 MAINLINE  
 PAVEMENT RECONSTRUCTION  
 STATION 4106+40.04



EXIST. CURVE NNEXR10  
 PI STA. = 56+08.29  
 N. 2,119,682.2841 E. 1,088,680.5018  
 $\Delta = 17^\circ 50' 13''$  (RT)  
 D =  $6^\circ 51' 42''$   
 R = 835.00'  
 T = 131.03'  
 L = 259.95'  
 E = 10.22'  
 e = -6.0%  
 T.R. = N/A  
 S.E. RUN = 180.00'  
 P.C. STA = 54+77.25  
 N. 2,119,551.2772 E. 1,088,677.8874  
 P.T. STA = 57+37.20  
 N. 2,119,806.1931 E. 1,088,723.1190

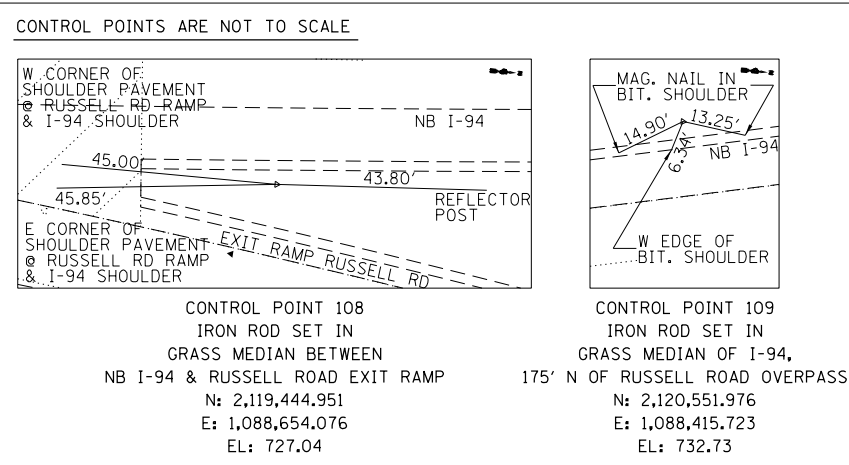
EXIST. CURVE NNEXR11  
 PI STA. = 60+29.81  
 N. 2,120,082.8905 E. 1,088,818.2862  
 $\Delta = 18^\circ 17' 16''$  (LT)  
 D =  $16^\circ 51' 06''$   
 R = 340.00'  
 T = 54.73'  
 L = 108.52'  
 E = 4.38'  
 e = 6.0%  
 T.R. = N/A  
 S.E. RUN = 168.29'  
 P.C. STA = 59+75.08  
 N. 2,120,031.1395 E. 1,088,800.4870  
 P.T. STA = 60+83.60  
 N. 2,120,137.6129 E. 1,088,818.9475

PROP. CURVE P94SBT-2  
 PI STA. = 14096+54.02  
 N. 2,120,637.746 E. 1,088,416.244  
 $\Delta = 20^\circ 37' 13''$  (LT)  
 D =  $0^\circ 44' 42''$   
 R = 7,691.50'  
 T = 1,399.19'  
 L = 2,768.11'  
 E = 126.23'  
 e = 2.6%  
 T.R. = 28.16'  
 FROM STA 14080+88.70 TO STA 14081+16.86  
 S.E. RUN = 195.00'  
 FROM STA 14081+16.86 TO STA 14083+11.86  
 = 20.00' (TRANSITION e = 2.60% TO e = 2.49%)  
 FROM STA 14104+59.00 TO STA 14103+61.67  
 P.C. STA = 14082+54.84  
 N. 2,119,239.989 E. 1,088,352.983  
 P.T. STA = 14110+22.94  
 N. 2,121,968.235 E. 1,087,983.201

EXIST. CURVE P-NENR1  
 PI STA. = 33+57.82  
 N. 2,120,706.8064 E. 1,088,807.2882  
 $\Delta = 32^\circ 16' 32''$  (LT)  
 D =  $11^\circ 24' 48''$   
 R = 502.01'  
 T = 145.26'  
 L = 282.79'  
 E = 20.59'  
 e = 6.0%  
 T.R. = N/A  
 S.E. RUN = 123.84'  
 P.C. STA = 32+12.57  
 N. 2,120,562.3283 E. 1,088,822.3152  
 P.T. STA = 34+95.36  
 N. 2,120,820.9368 E. 1,088,717.4327

EXIST. CURVE E-SBEX4-1  
 PI STA. = 73+83.26  
 $\Delta = 2^\circ 39' 49''$  (RT)  
 D =  $0^\circ 45' 03''$   
 R = 7,630.04'  
 T = 177.39'  
 L = 354.71'  
 E = 2.06'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 72+05.87  
 P.T. STA. = 75+60.58

EXIST. CURVE P-NENR2  
 PI STA. = 41+60.36  
 N. 2,121,343.4290 E. 1,088,306.0657  
 $\Delta = 19^\circ 05' 48''$  (RT)  
 D =  $6^\circ 49' 15''$   
 R = 840.00'  
 T = 141.30'  
 L = 279.97'  
 E = 11.80'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 40+19.06  
 N. 2,121,232.4116 E. 1,088,393.4716  
 P.T. STA = 42+99.03  
 N. 2,121,476.9329 E. 1,088,259.7907



BENCHMARK 5 ELEVATION 731.25'  
 DESCRIPTION:  
 SET  CUT IN NORTHEAST CORNER OF  
 WEST FOOTING OF OVERPASS SIGN, NORTH OF  
 US 41 OVERPASS BRIDGE, SOUTHERLY SIDE OF  
 RUSSELL RD EXIT RAMP, WEST SIDE OF I-94  
 NORTH BOUND SHOULDER, +/- 75' SOUTH OF  
 MILE POST 3/4  
 LOCATION:  
 STA 4083+12.18, 16.20' LT

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

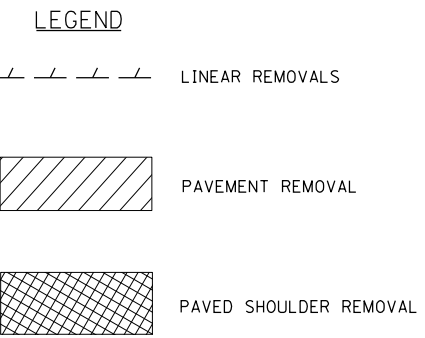
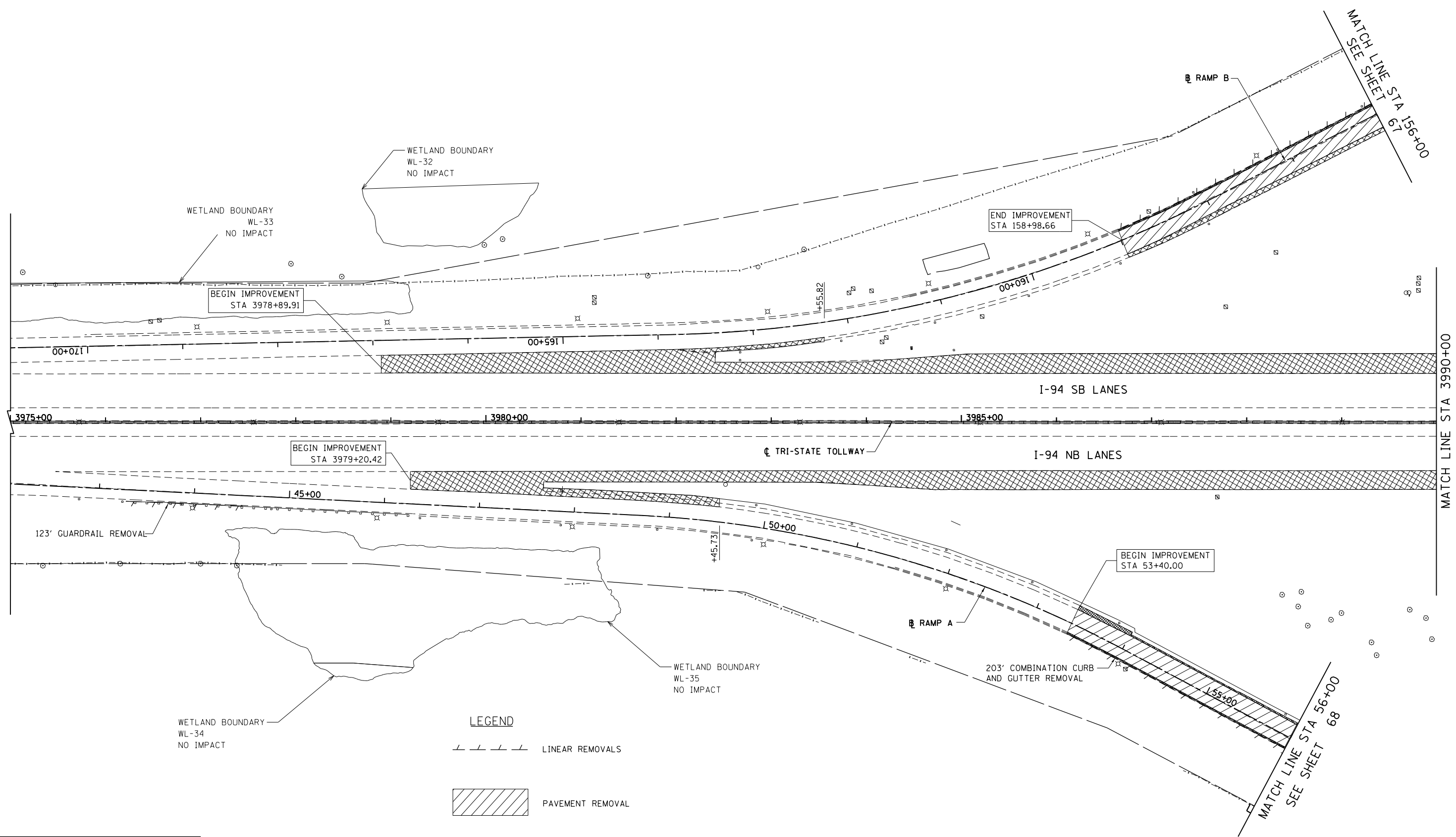
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 5 OF 5 SHEETS STA. 4077+00 TO STA. 4107+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-I-R-1	LAKE	677	56
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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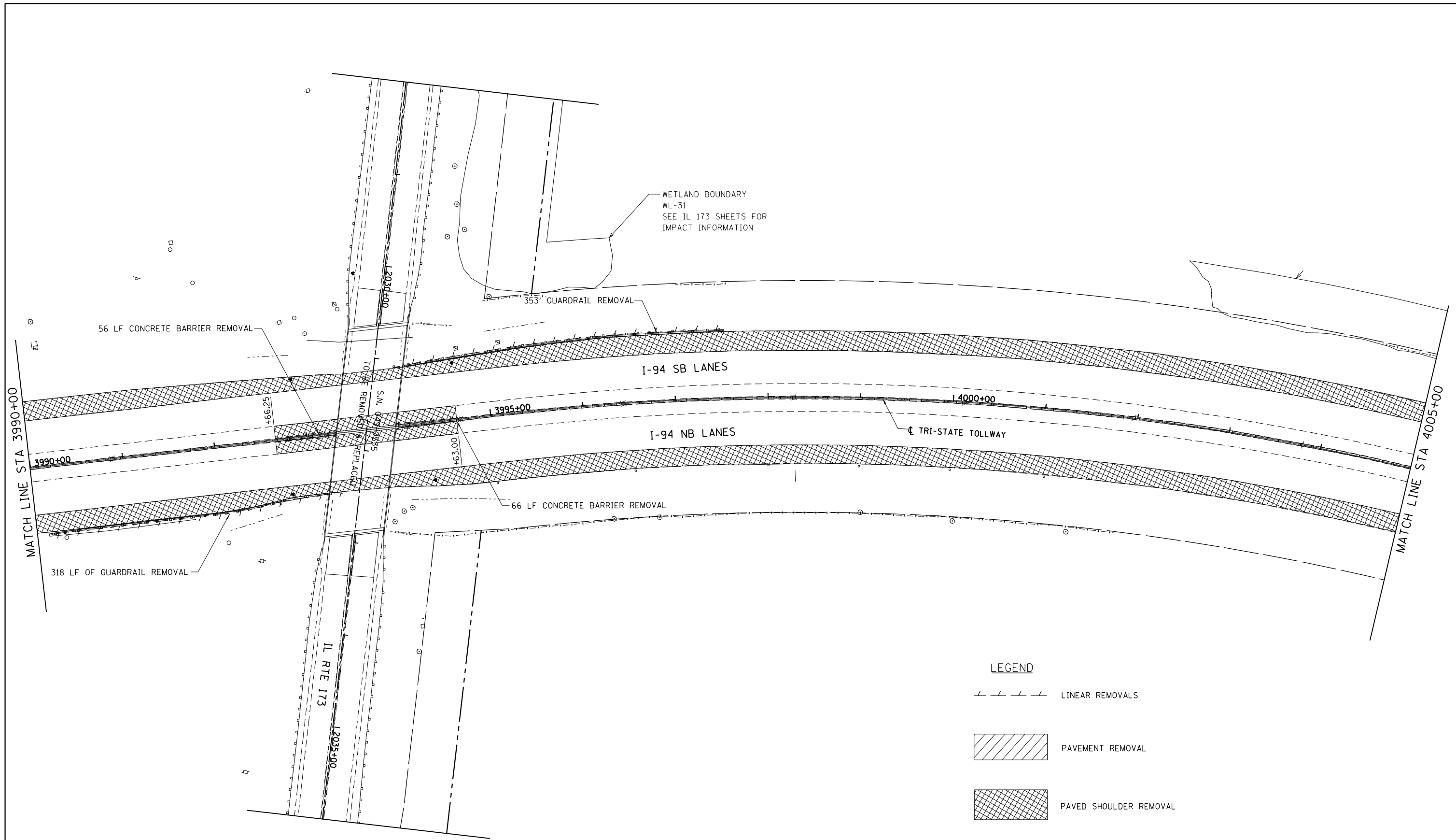
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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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FILE NAME = \$FILES\$

USER NAME = default

DESIGNED - JDC

REVISED -

PLOT SCALE = Ht1'=10' Vt1'=5'

DRAWN - JDC

REVISED -

PLOT DATE = 6/20/2012

CHECKED - RGR

REVISED -

DATE - 6/19/2012

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN NB I-94 AND SB I-94

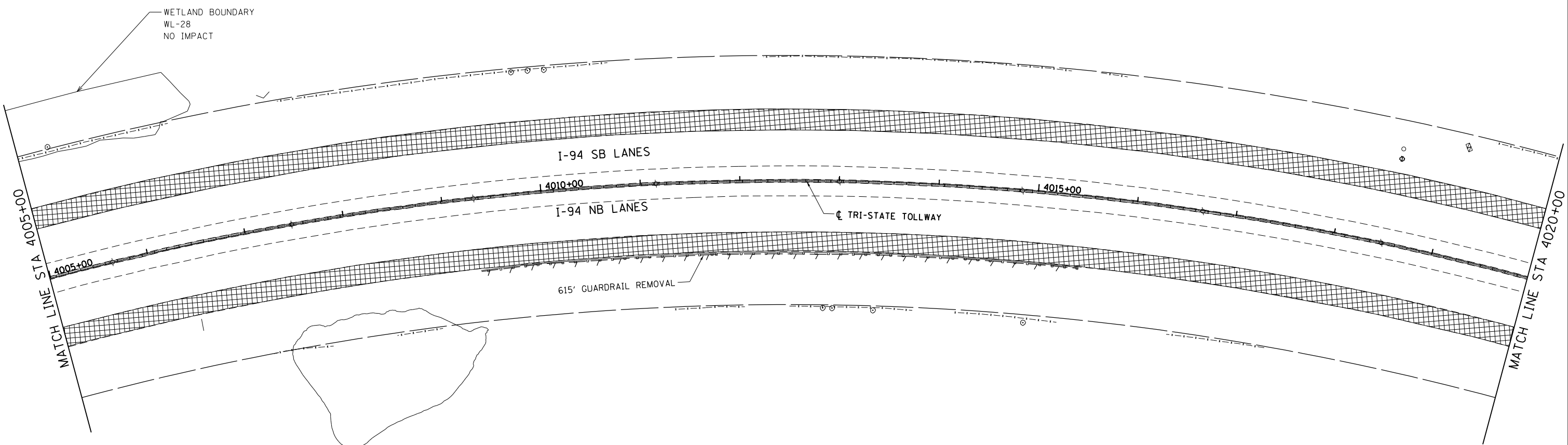
SCALE: 1"=50'

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

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
		DRAWN - JDC	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

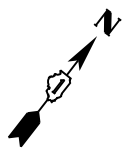
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	59
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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WETLAND BOUNDARY  
WL-25  
NO IMPACT

WETLAND BOUNDARY  
WL-26  
NO IMPACT

WETLAND BOUNDARY  
WL-24  
NO IMPACT

I-94 SB LANES

I-94 NB LANES

TRI-STATE TOLLWAY

MATCH LINE STA 4020+00

MATCH LINE STA 4035+00

LEGEND

LINEAR REMOVALS

PAVEMENT REMOVAL

PAVED SHOULDER REMOVAL

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
		DRAWN - JDC	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

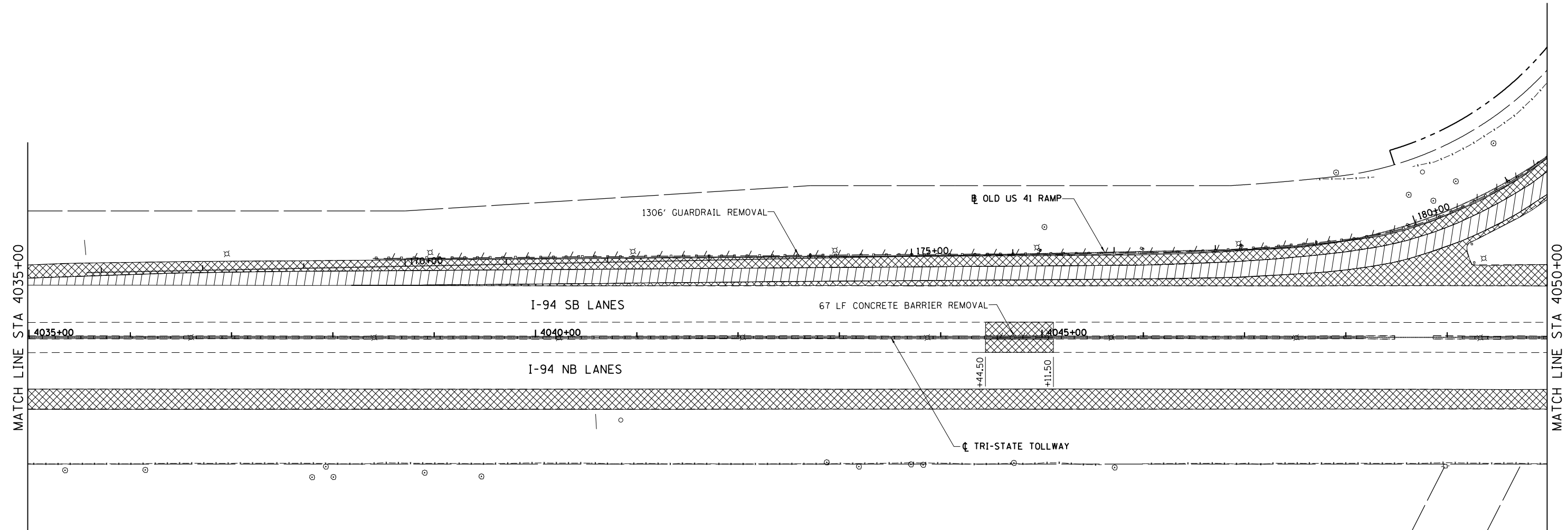
REMOVAL PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. 4020+00 TO STA. 4035+00

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

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**LEGEND**

	LINEAR REMOVALS
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL

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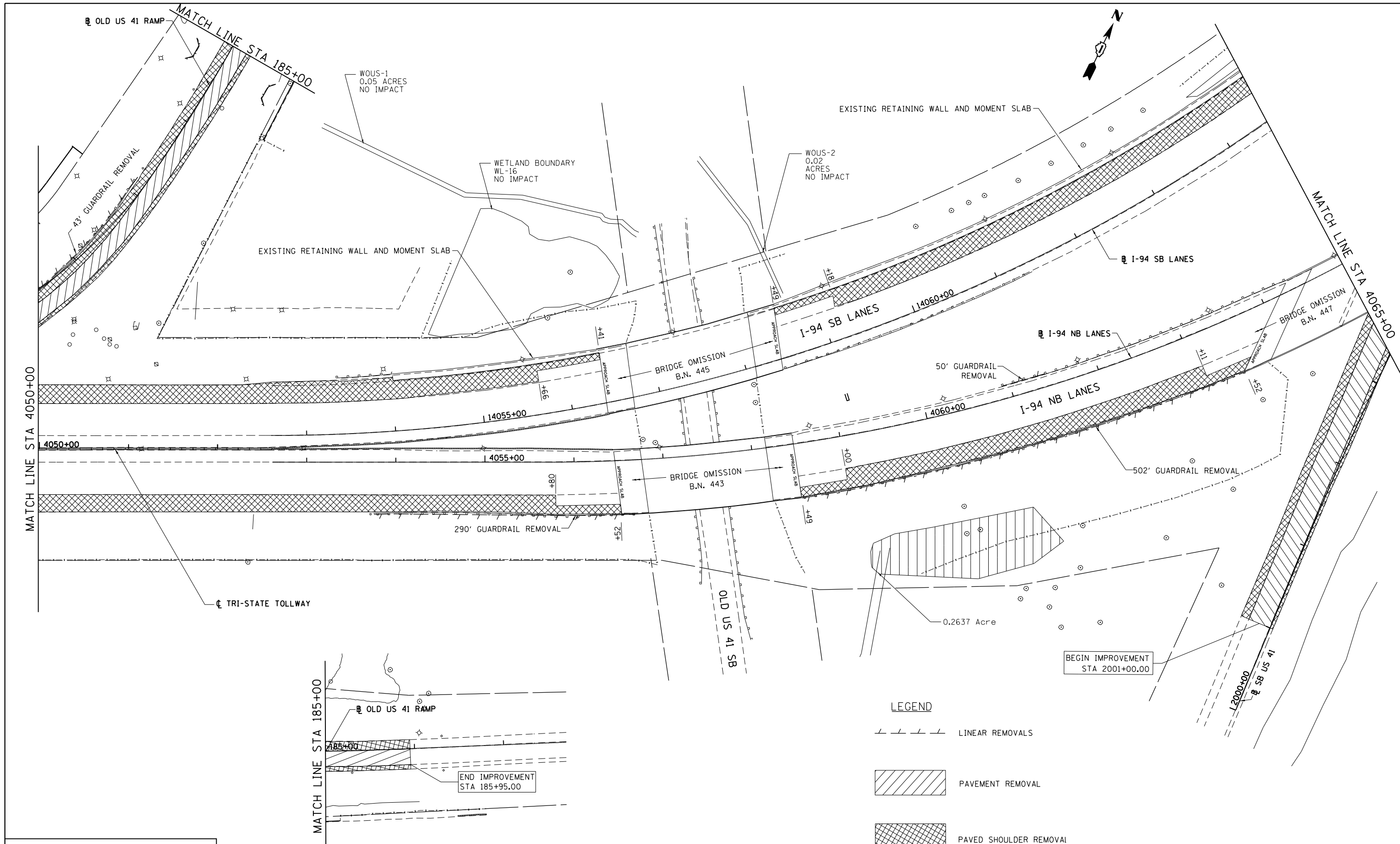
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 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
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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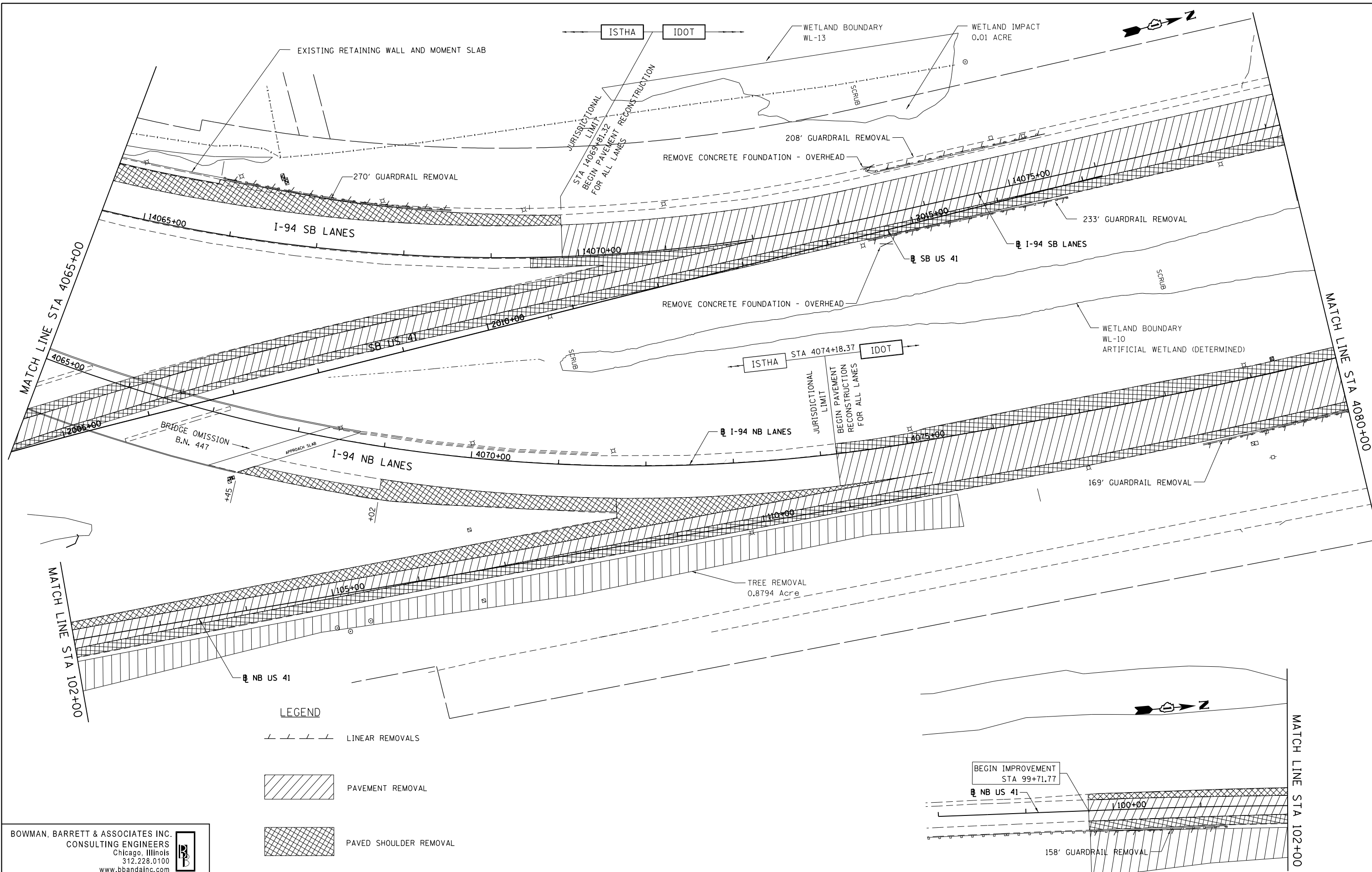
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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

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**LEGEND**

	LINEAR REMOVALS
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL

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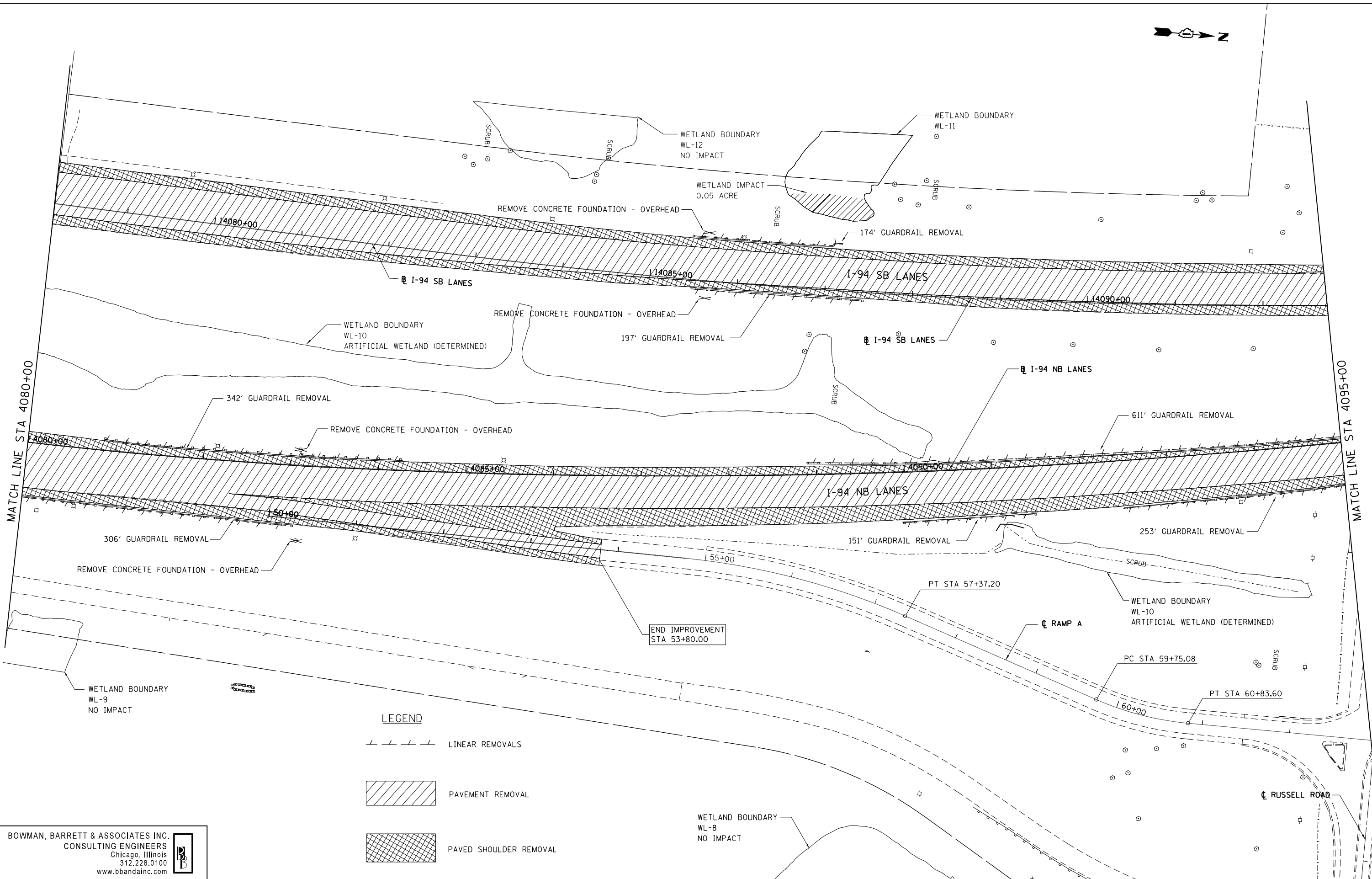
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN NB I-94 AND SB I-94**  
 SCALE: 1"=50' SHEET NO. 8 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	63
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	LINEAR REMOVALS
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL

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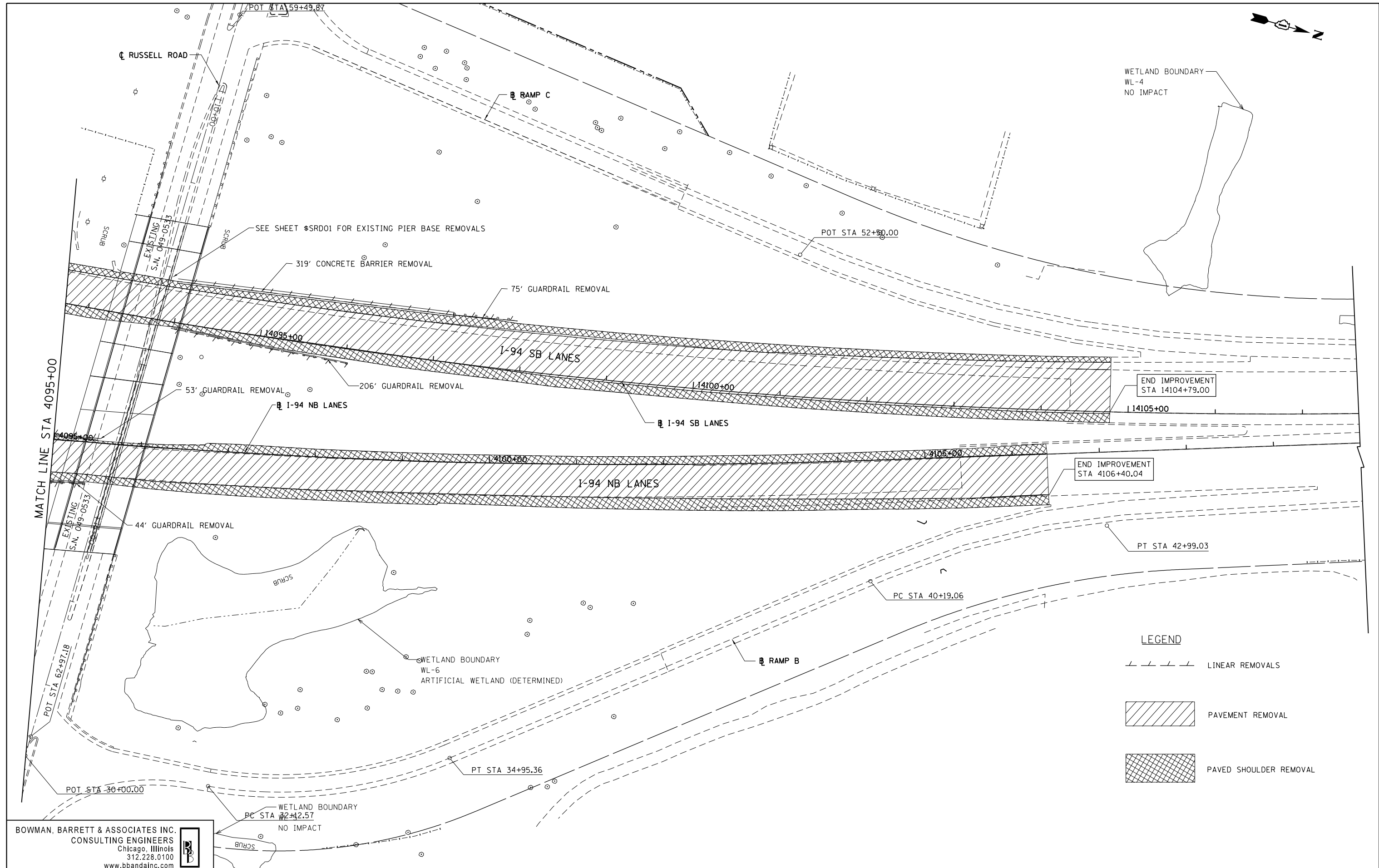
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN NB I-94 AND SB I-94**  
 SCALE: 1"=50' SHEET NO. 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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WETLAND BOUNDARY  
WL-4  
NO IMPACT

END IMPROVEMENT  
STA 14104+79.00

END IMPROVEMENT  
STA 4106+40.04

**LEGEND**

- LINEAR REMOVALS
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL

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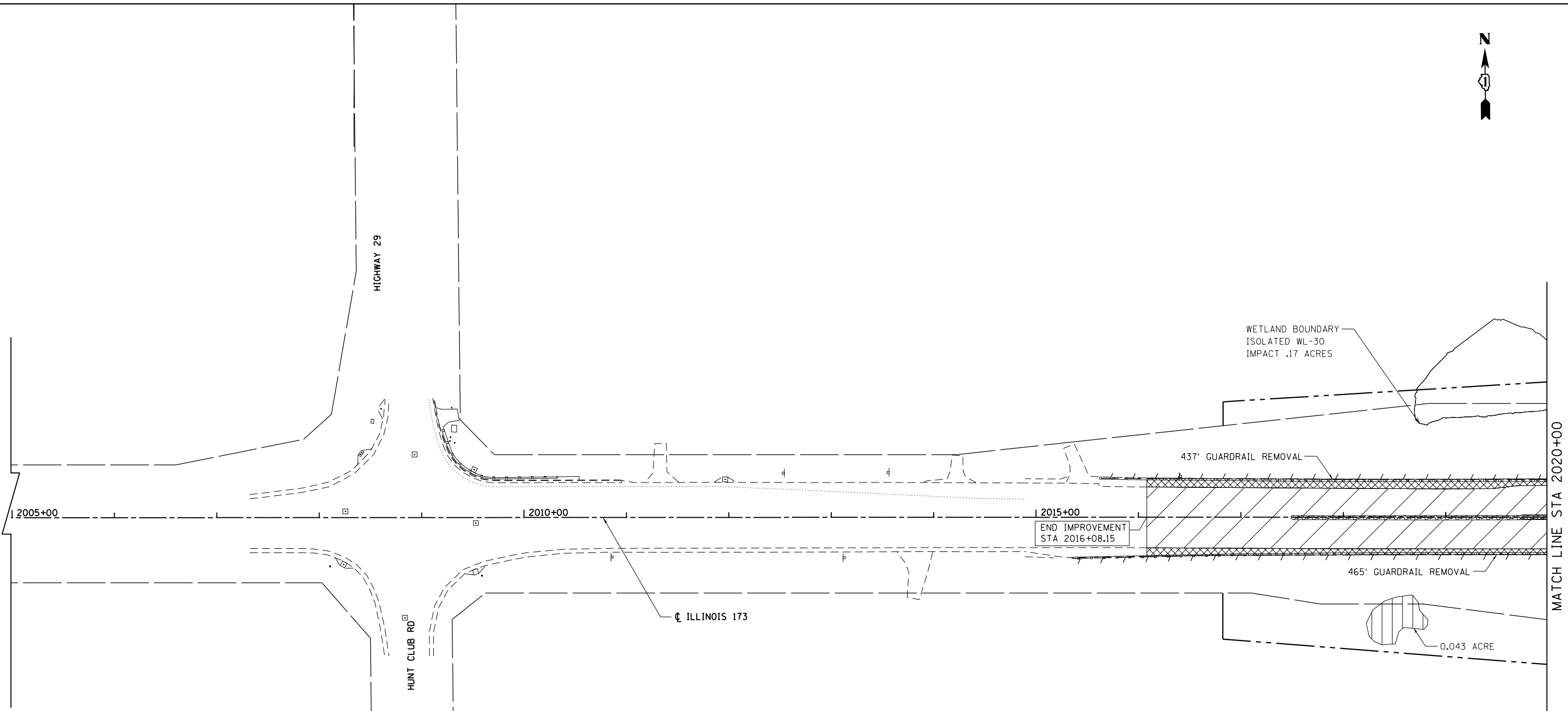
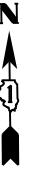
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PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED -
	DATE - 6/19/2012	REVISED -

**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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	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.b
- 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)

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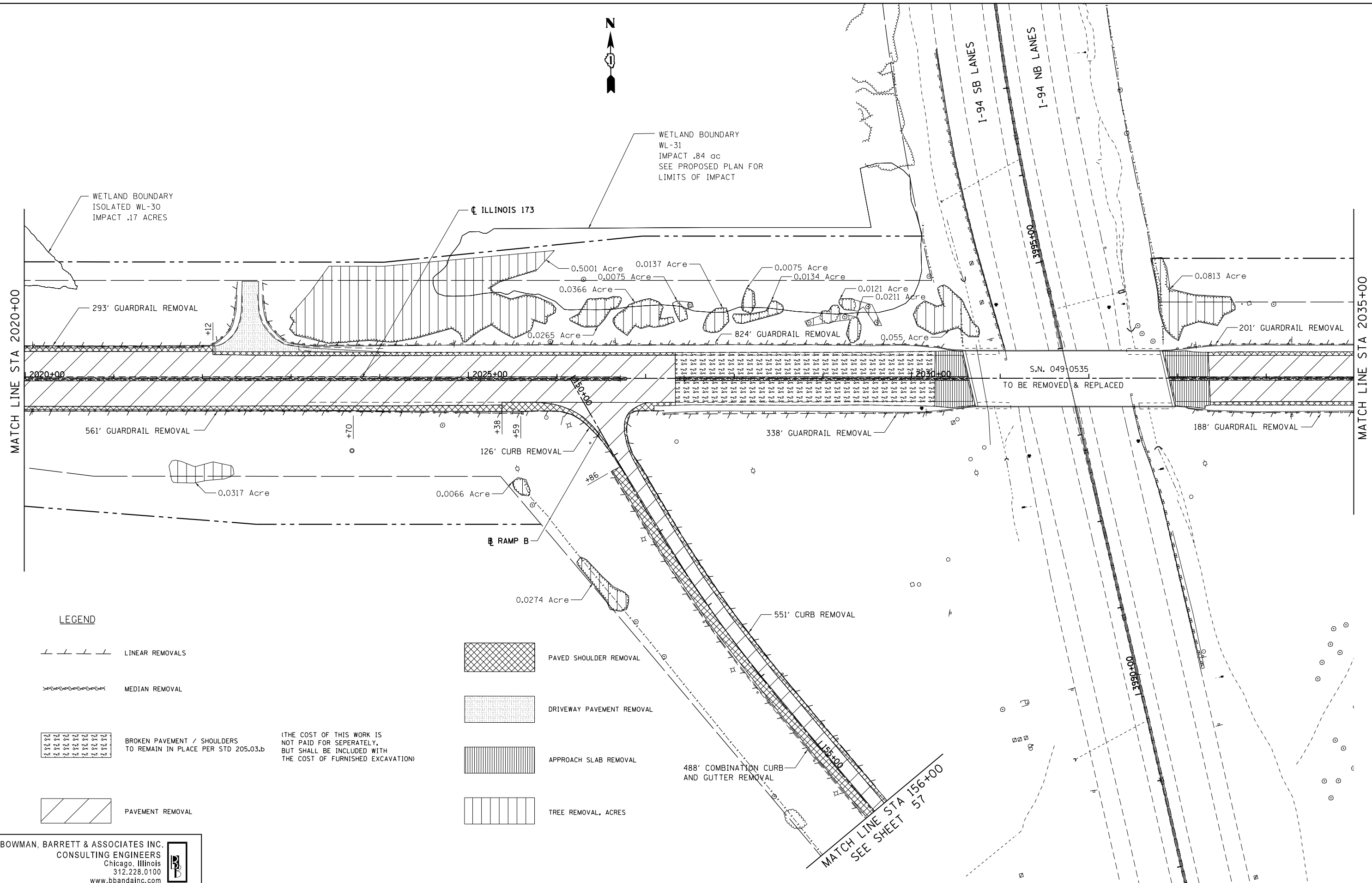
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN IL RTE 173**

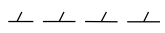
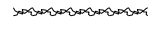
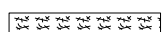
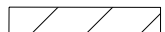
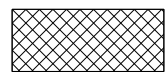



SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. 2005+00 TO STA. 2020+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	66
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

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

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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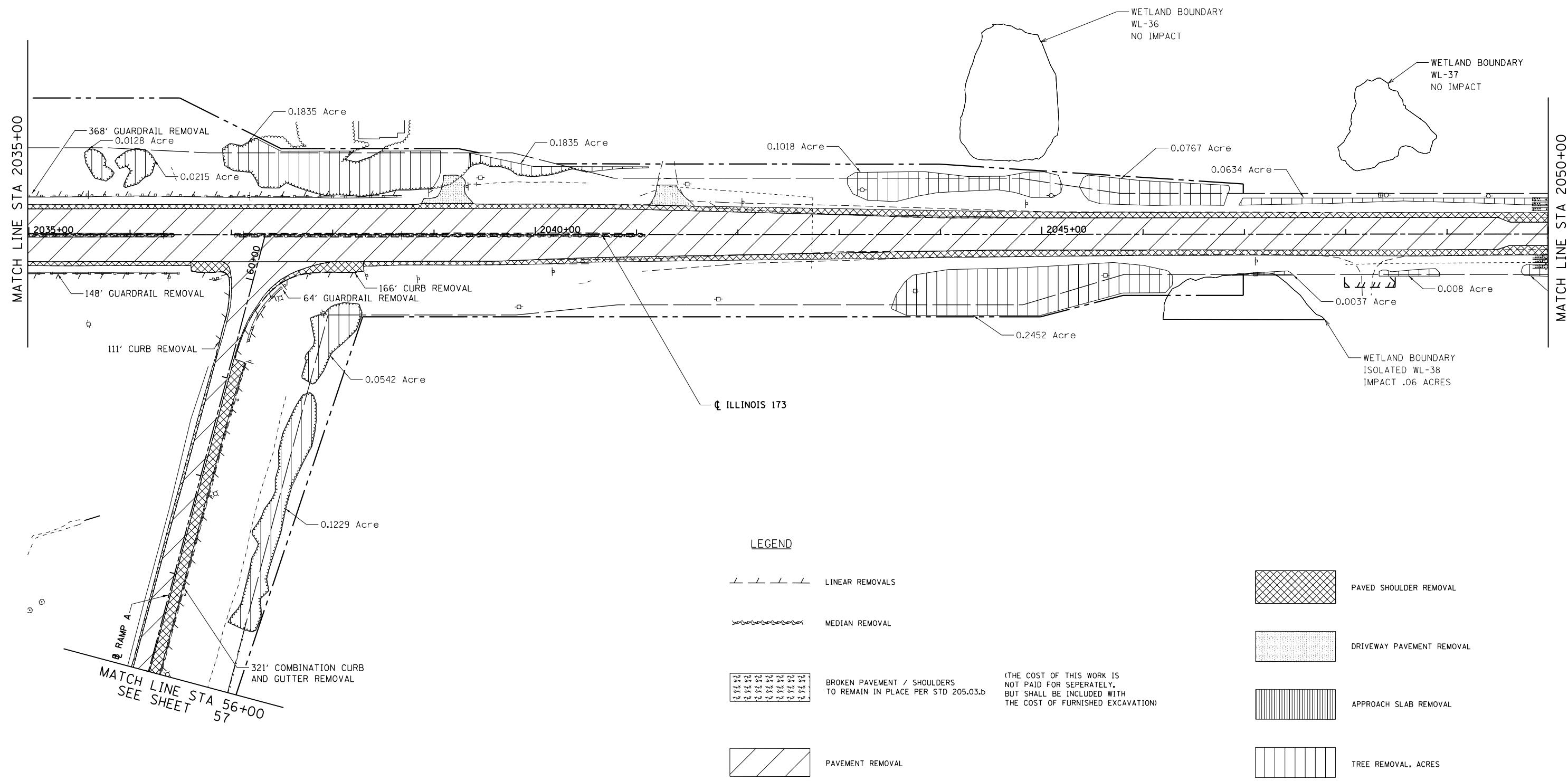
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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.b
- 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)

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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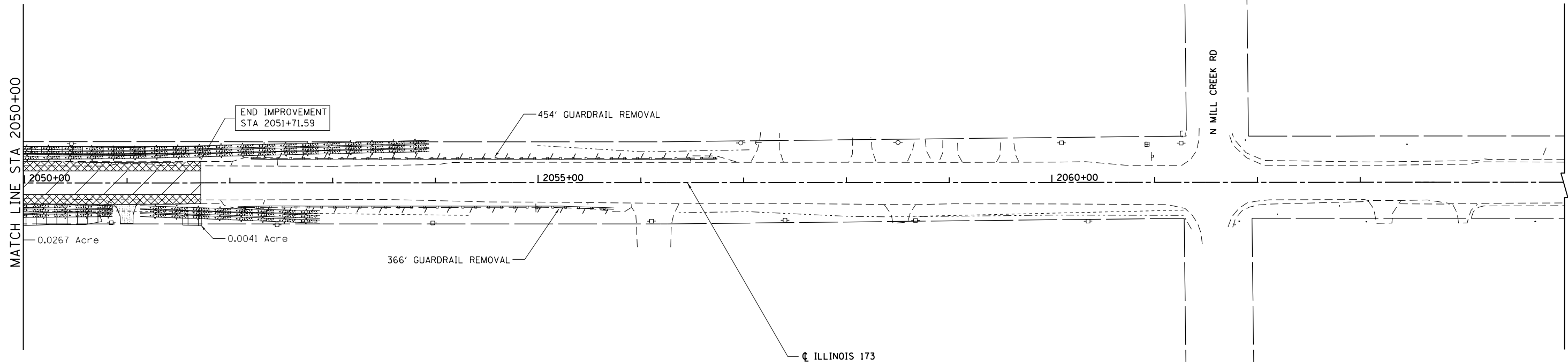
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				





**LEGEND**

LINEAR REMOVALS

MEDIAN REMOVAL

BROKEN PAVEMENT / SHOULDERS TO REMAIN IN PLACE PER STD 205.03.b

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)

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN IL RTE 173**

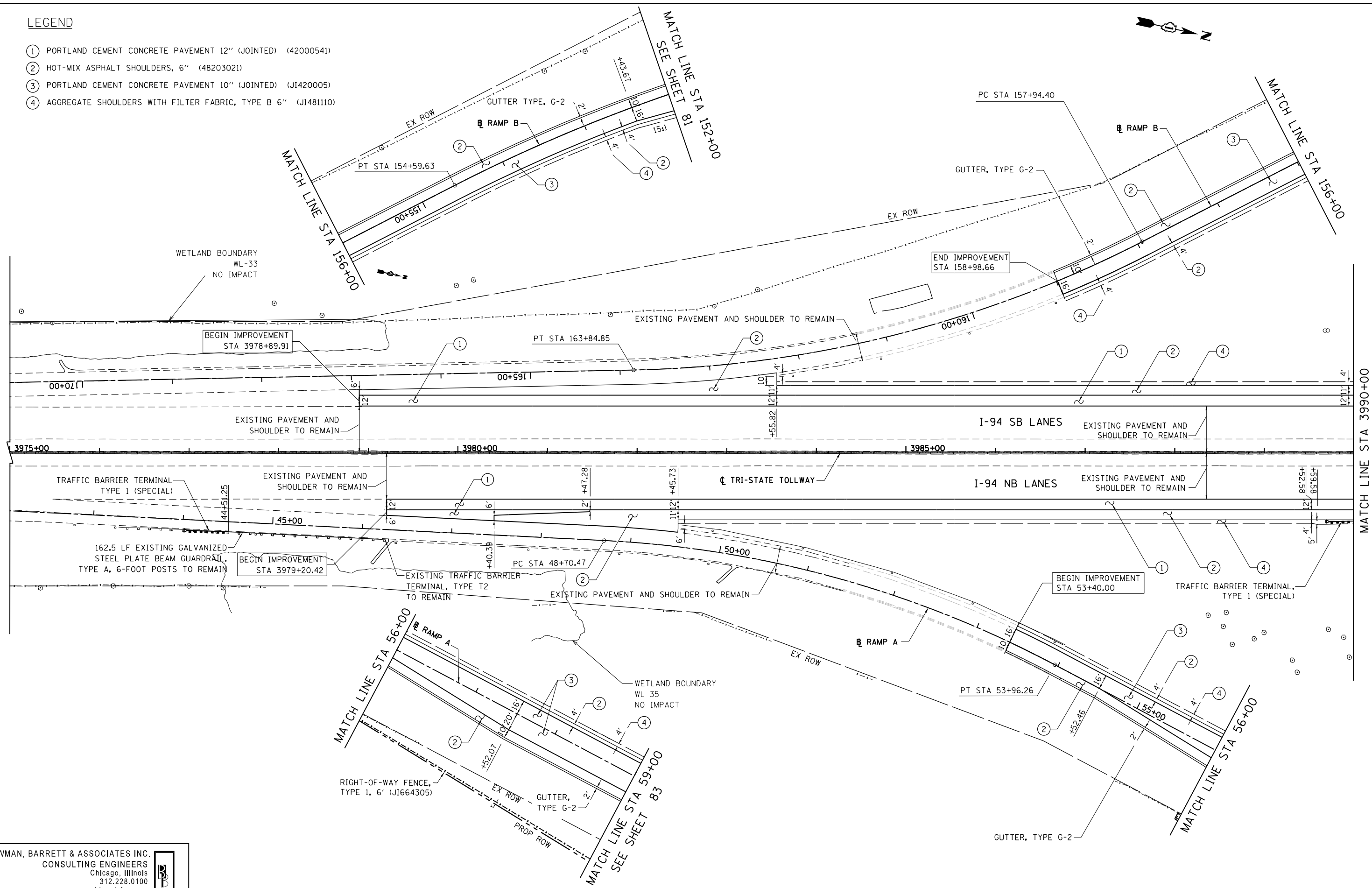
SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. 2050+00 TO STA. 2065+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	69
<b>CONTRACT NO. 60L77</b>				
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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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
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**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

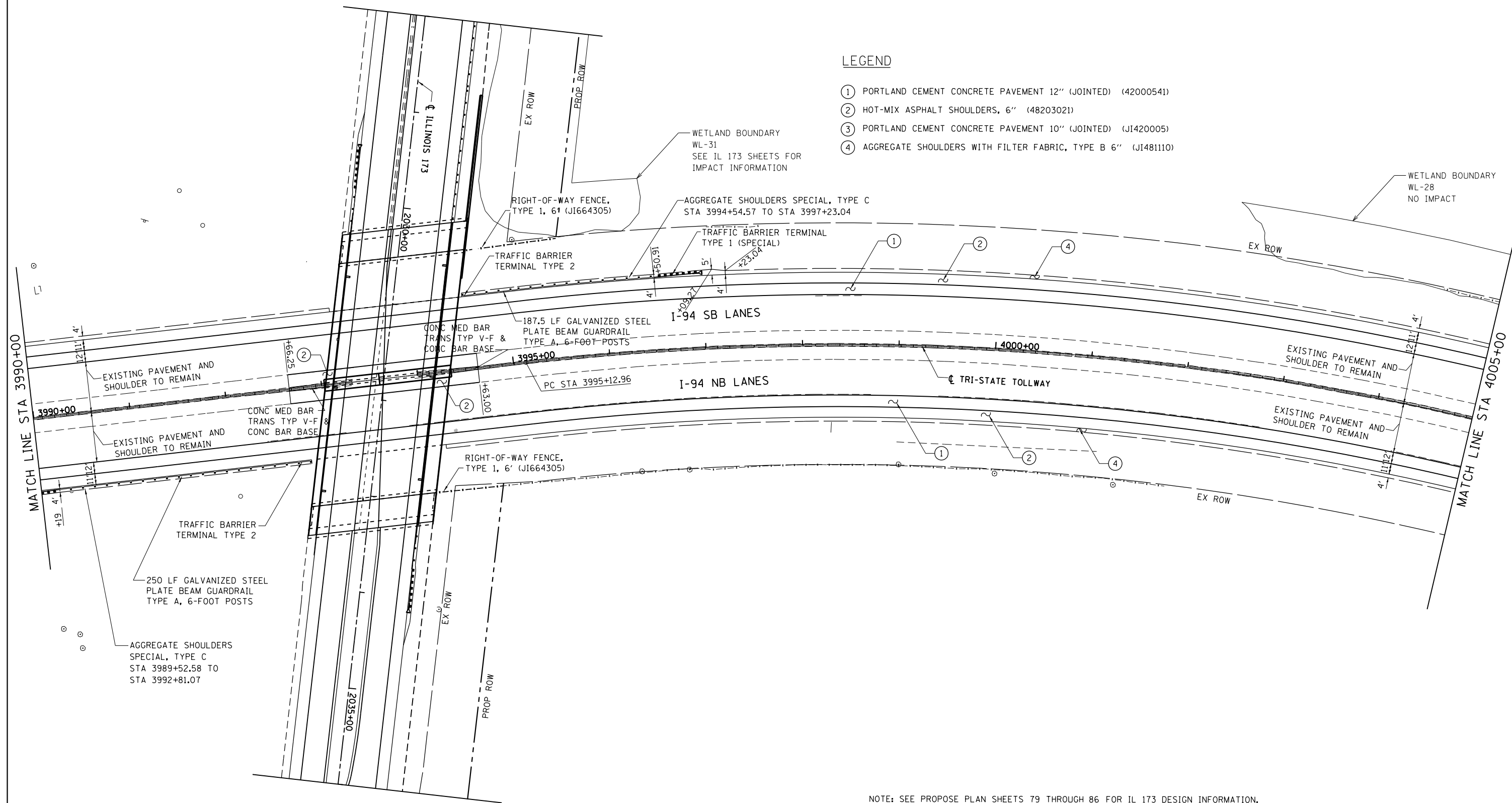
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	70
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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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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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**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

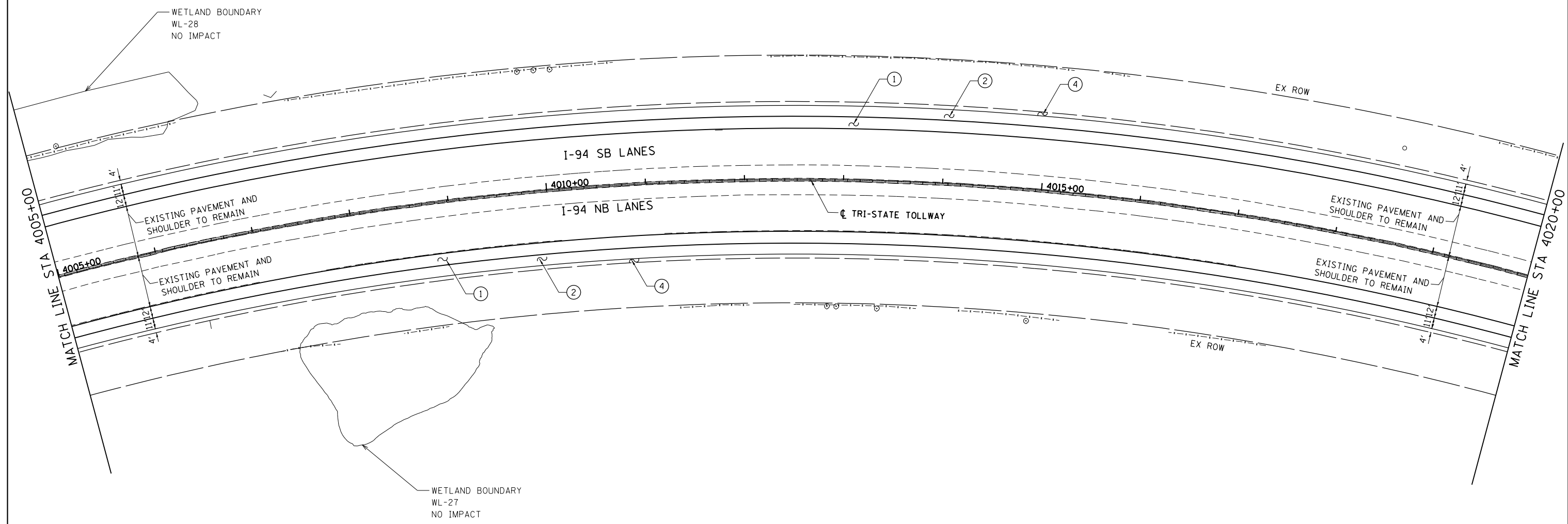
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	71
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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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) (JI420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)



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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

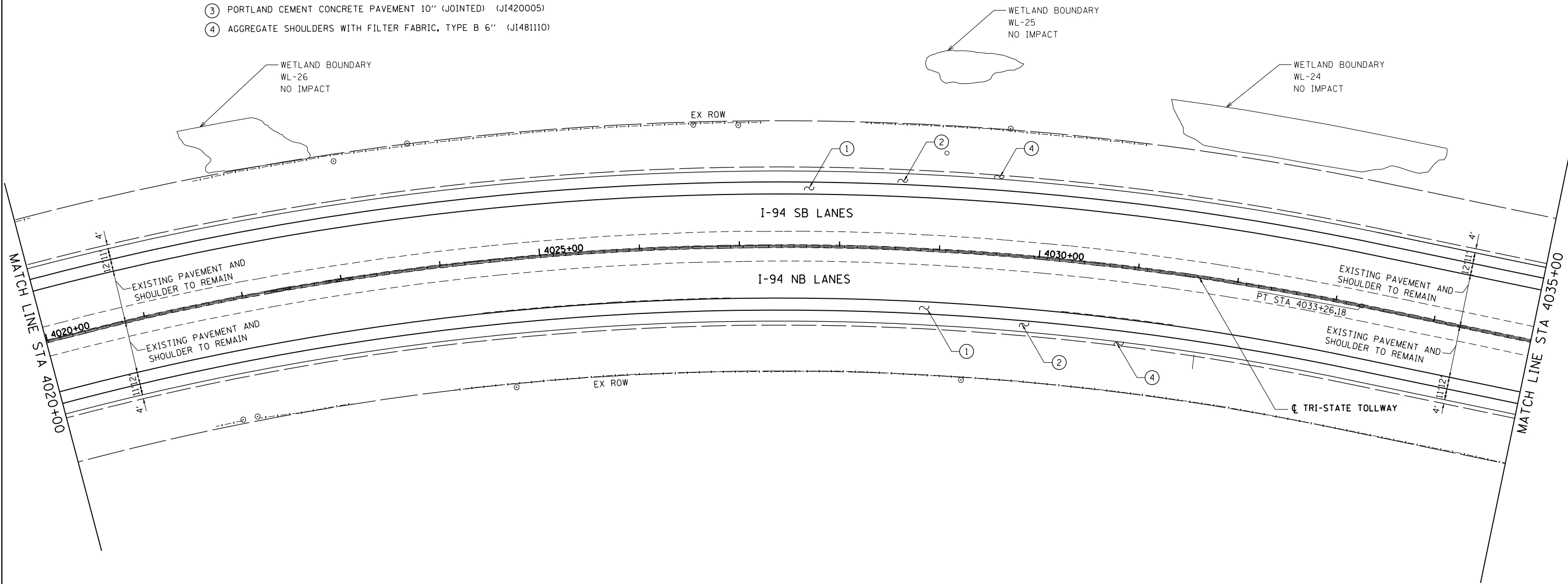
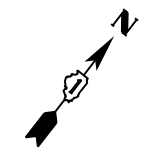
SCALE: 1"=50' SHEET NO. 3 OF 9 SHEETS STA. 4005+00 TO STA. 4020+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	72
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) (JI420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)



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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. 4 OF 9 SHEETS STA. 4020+00 TO STA. 4035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	73
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

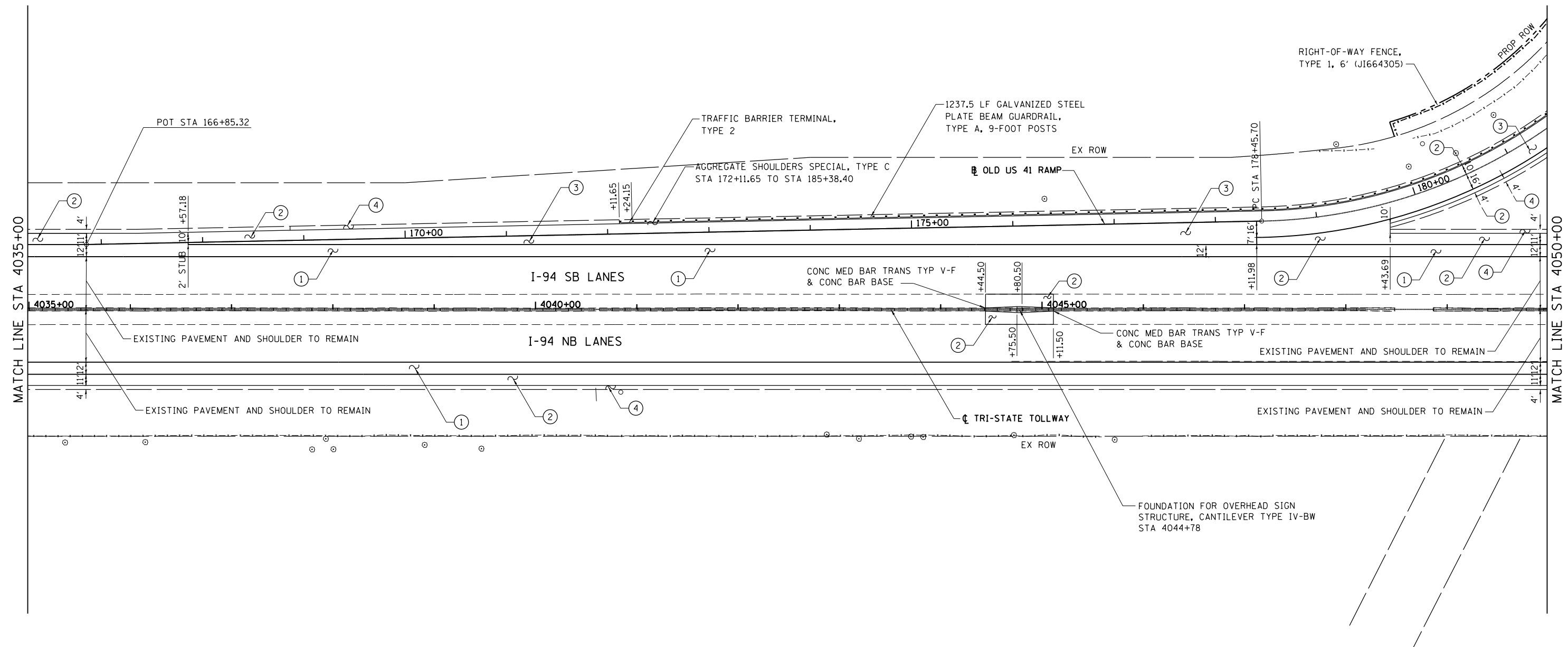
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**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (JI420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)

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



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		DRAWN - JDC	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

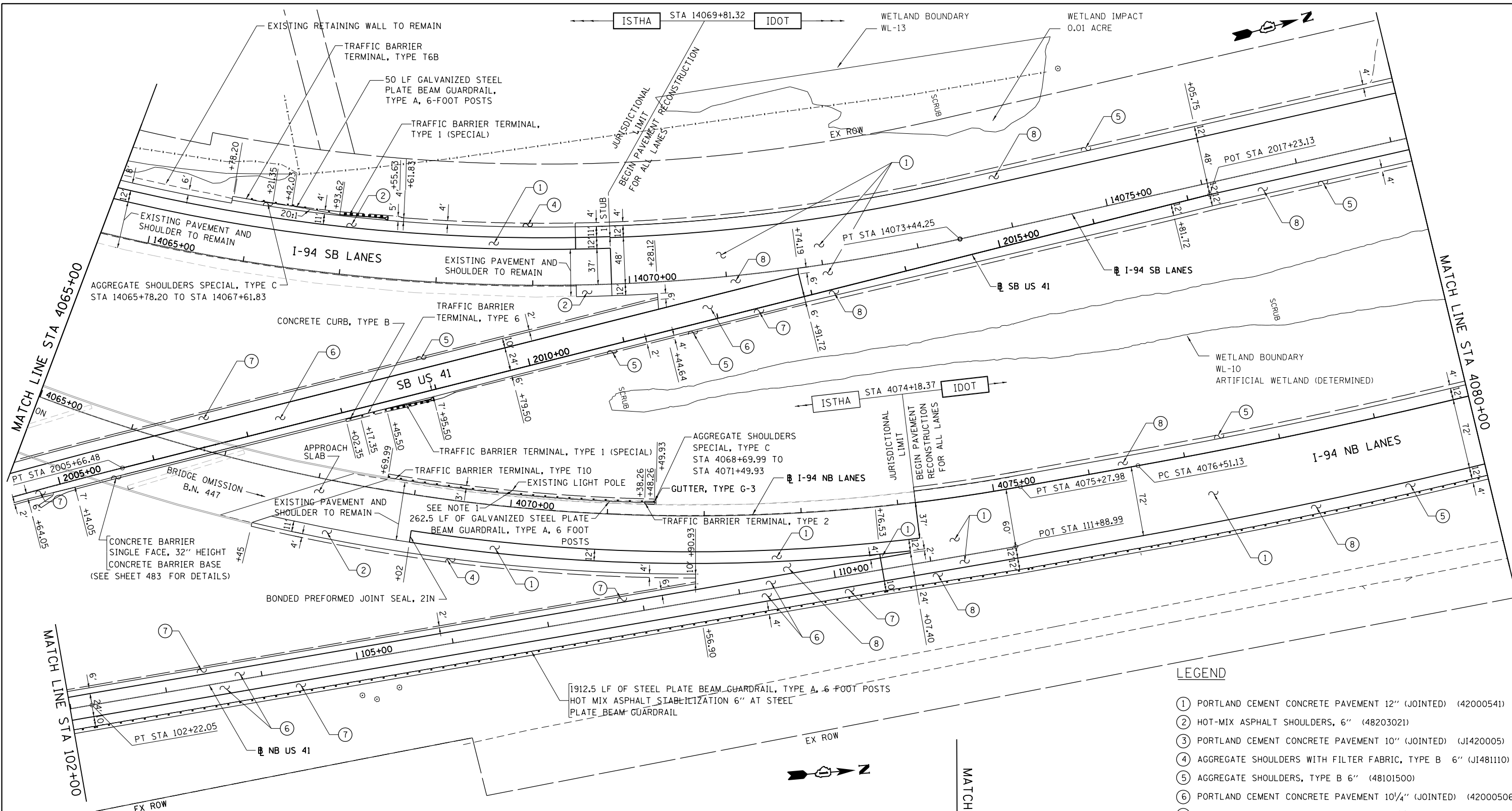
**PROPOSED ROAD PLAN NB I-94 AND SB I-94**

SCALE: 1"=50' SHEET NO. 5 OF 9 SHEETS STA. 4035+00 TO STA. 4050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	74
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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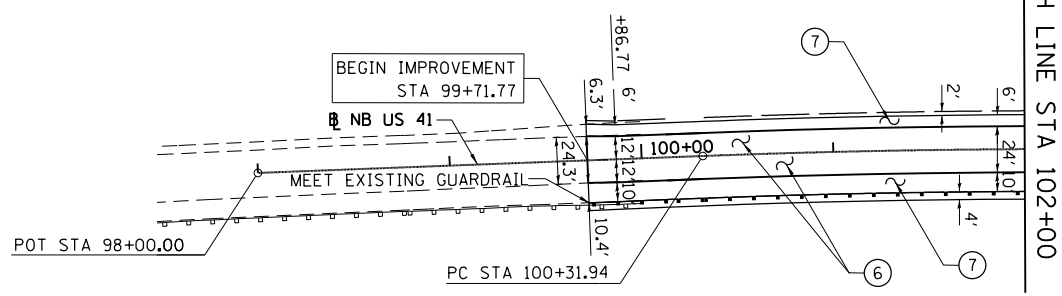


**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (JI420005)
- ④ AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)
- 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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		DRAWN - JDC	REVISED -
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		DATE - 6/19/2012	REVISED -

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**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

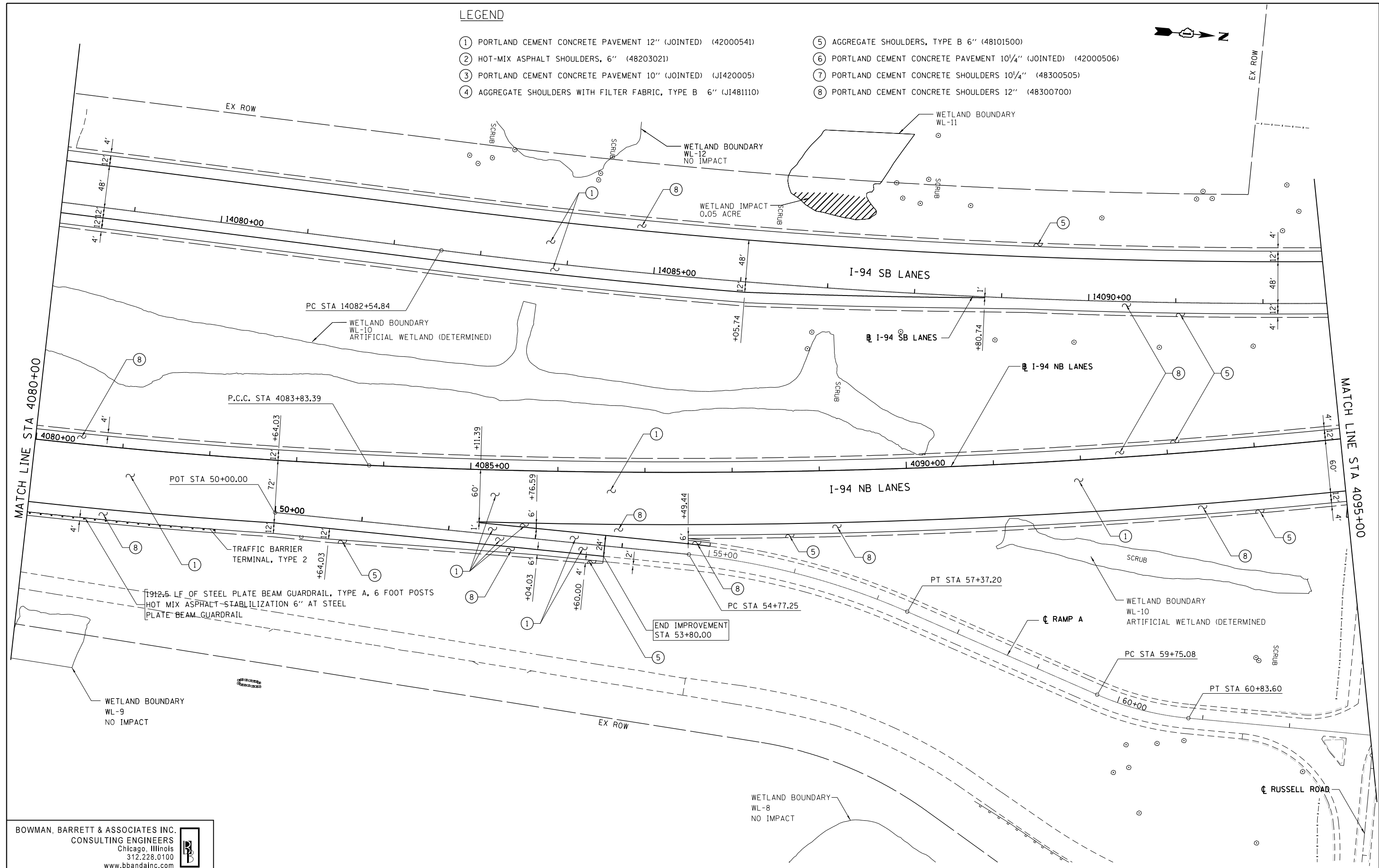
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	76
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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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)
- 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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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50'    SHEET NO. 8 OF 9 SHEETS    STA. 4080+00 TO STA. 4095+00

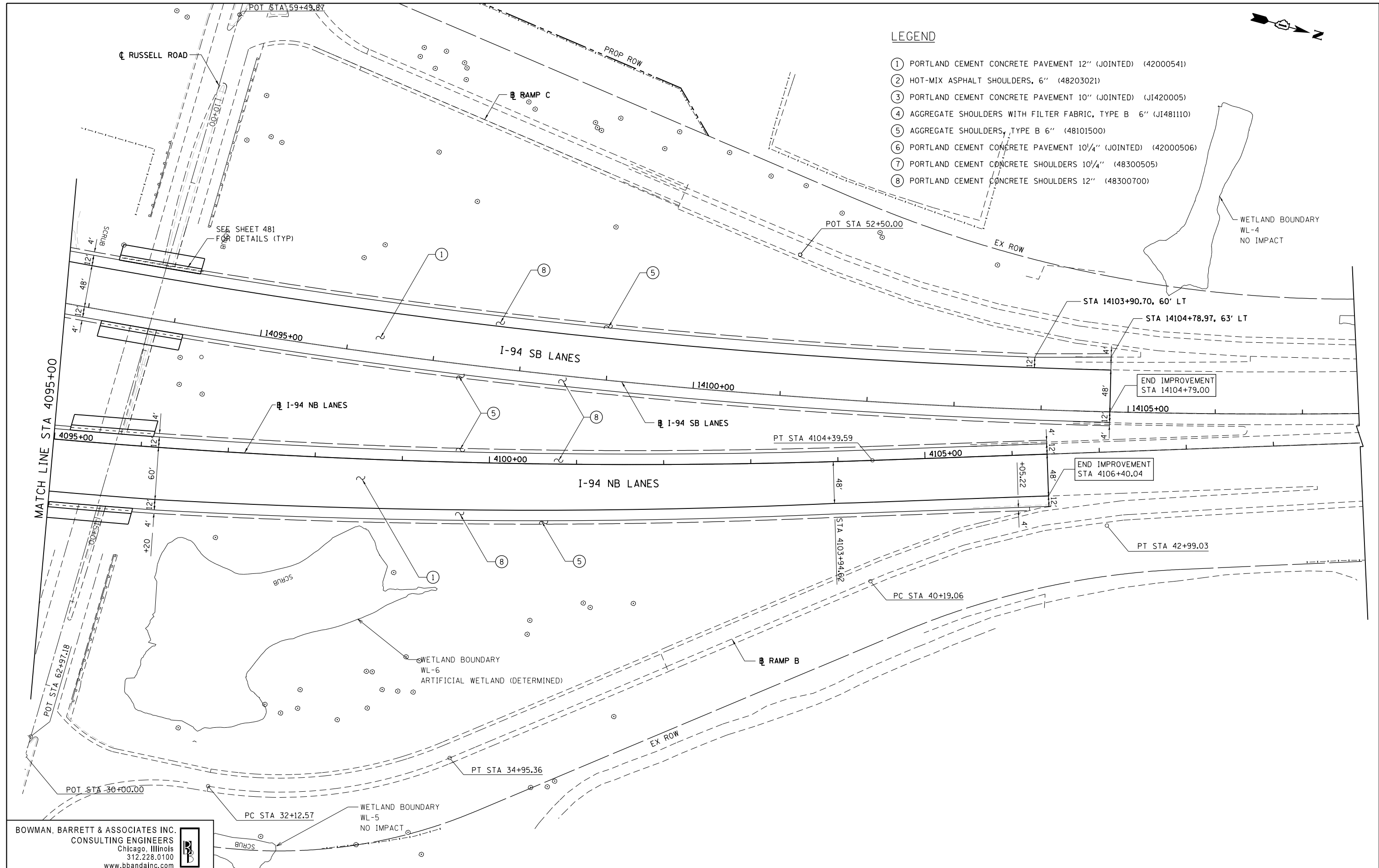
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	77
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 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  
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**PROPOSED ROAD PLAN NB I-94 AND SB I-94**

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

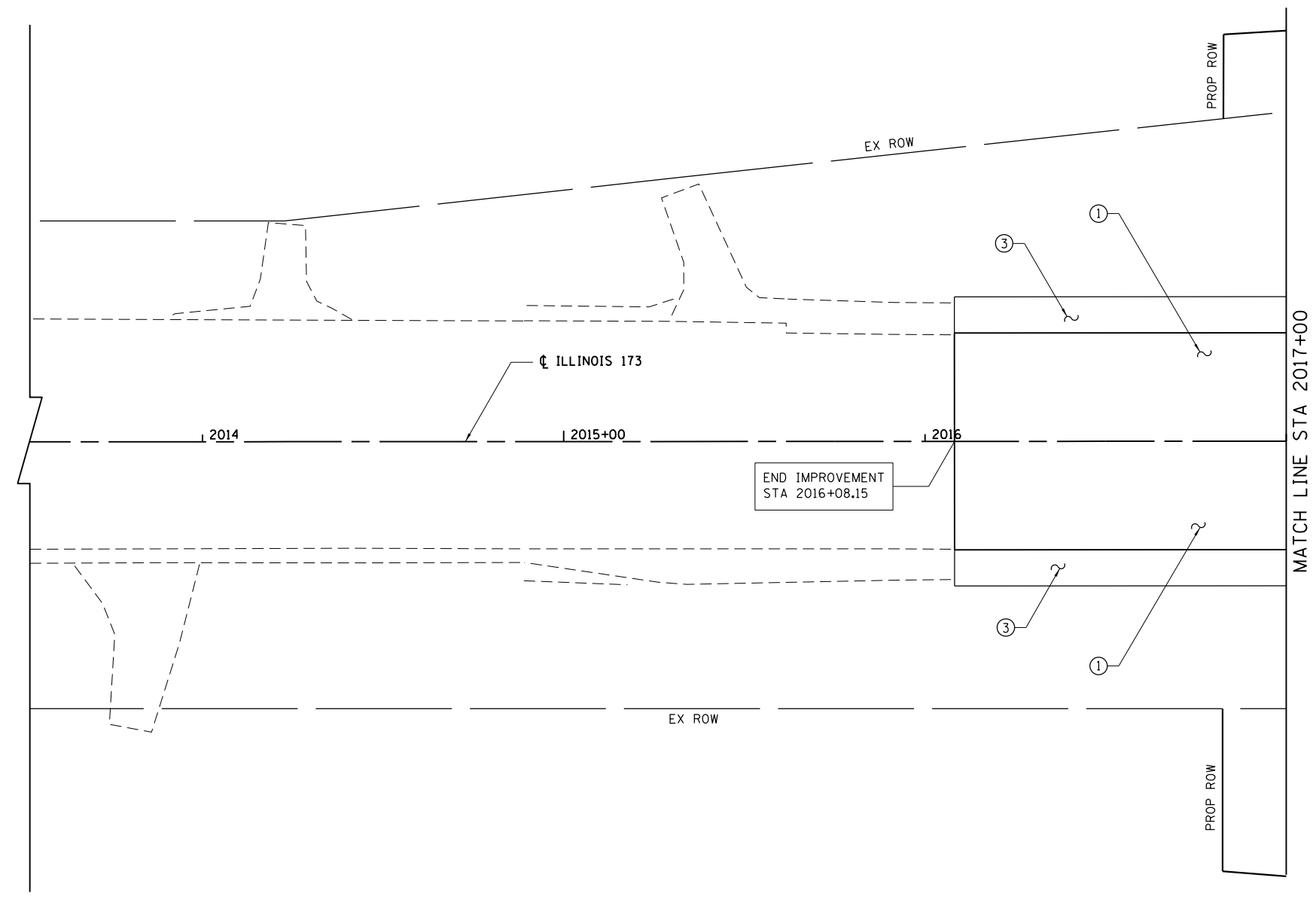
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	78
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9½" (JOINTED) (42000411)
- ② PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (J1420005)
- ③ PORTLAND CEMENT CONCRETE SHOULDERS 9½" (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 G-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", N50, (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)



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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

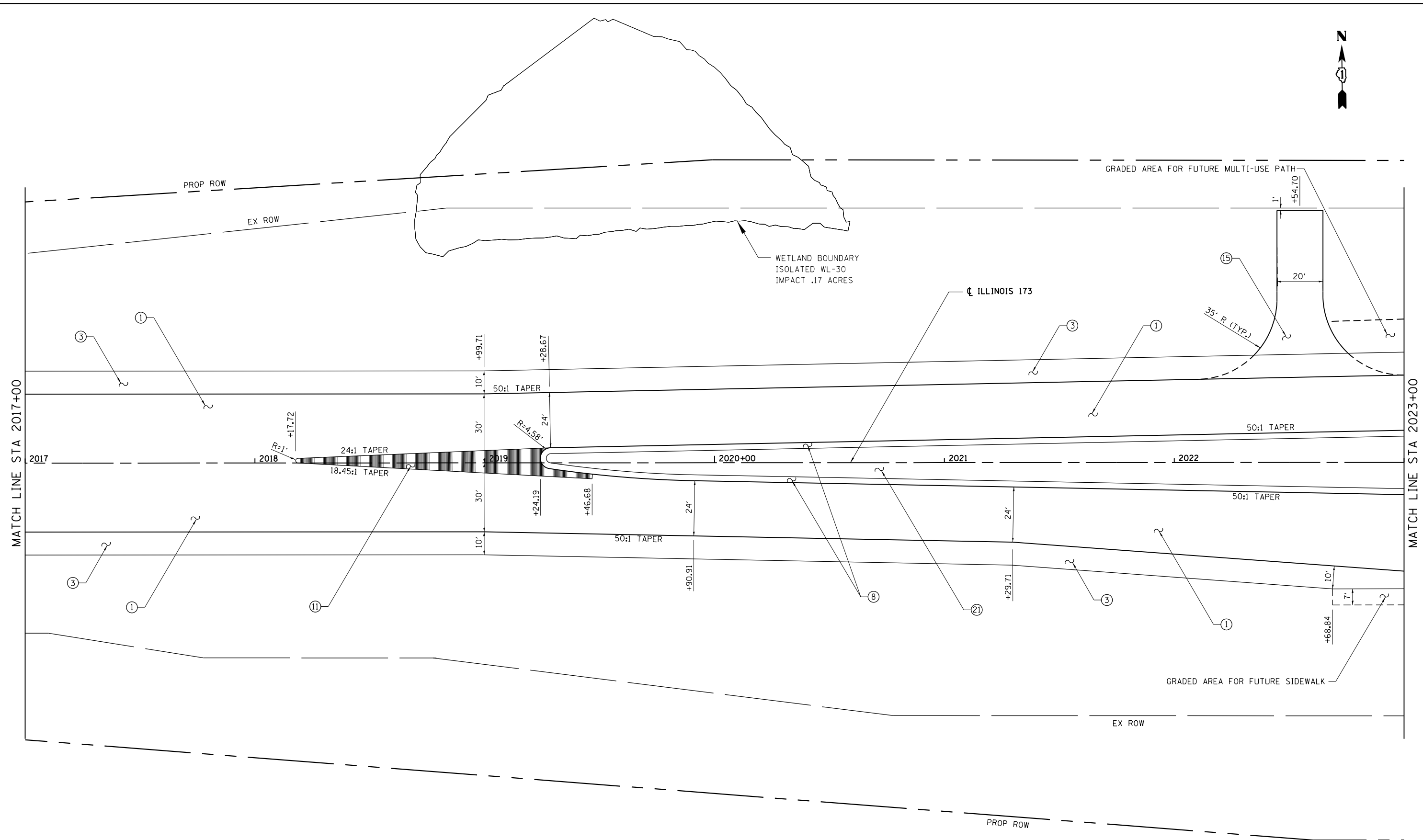
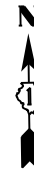
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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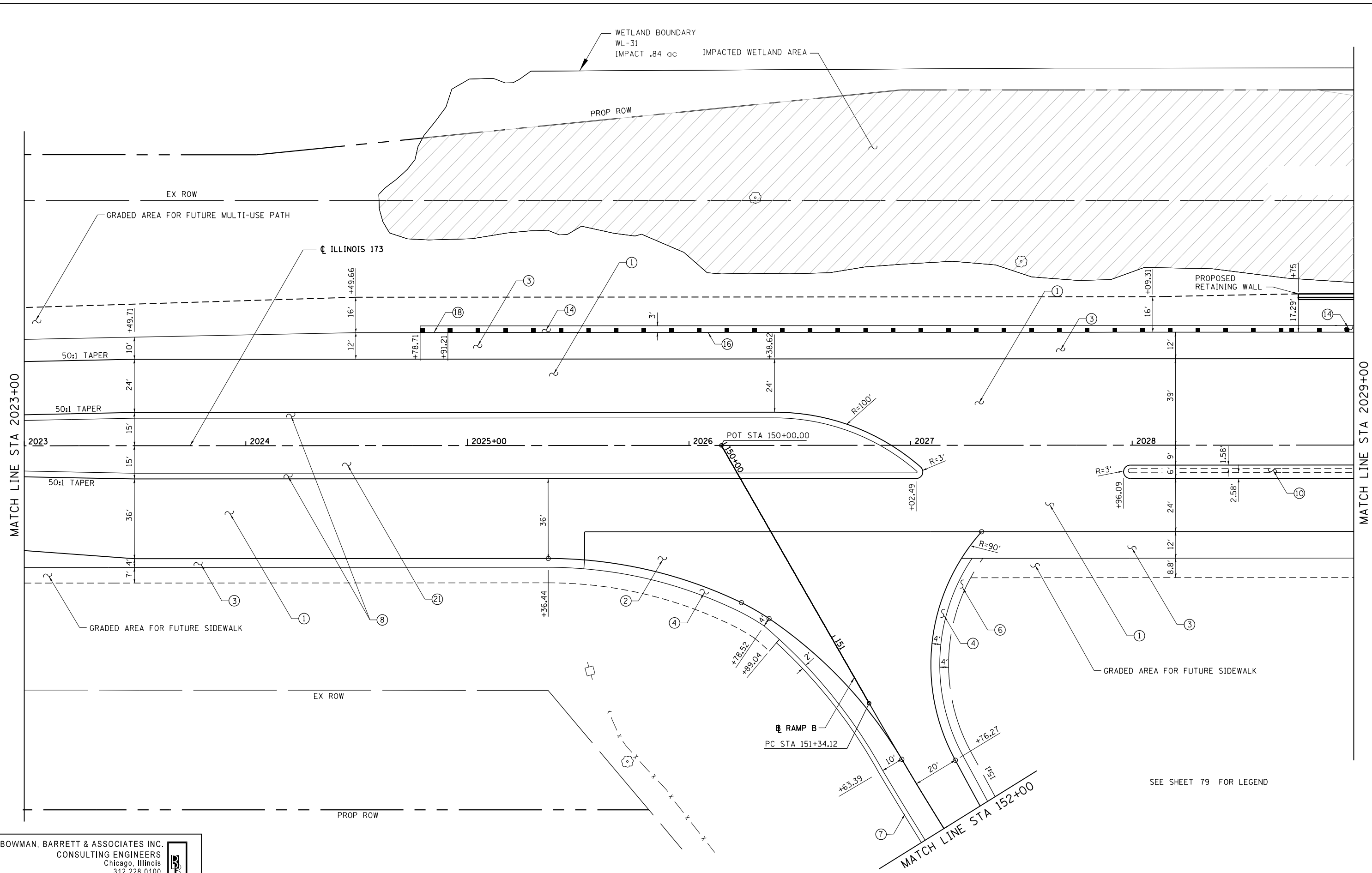
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROAD PLAN IL RTE 173**

SCALE: 1"=20' SHEET NO. 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
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

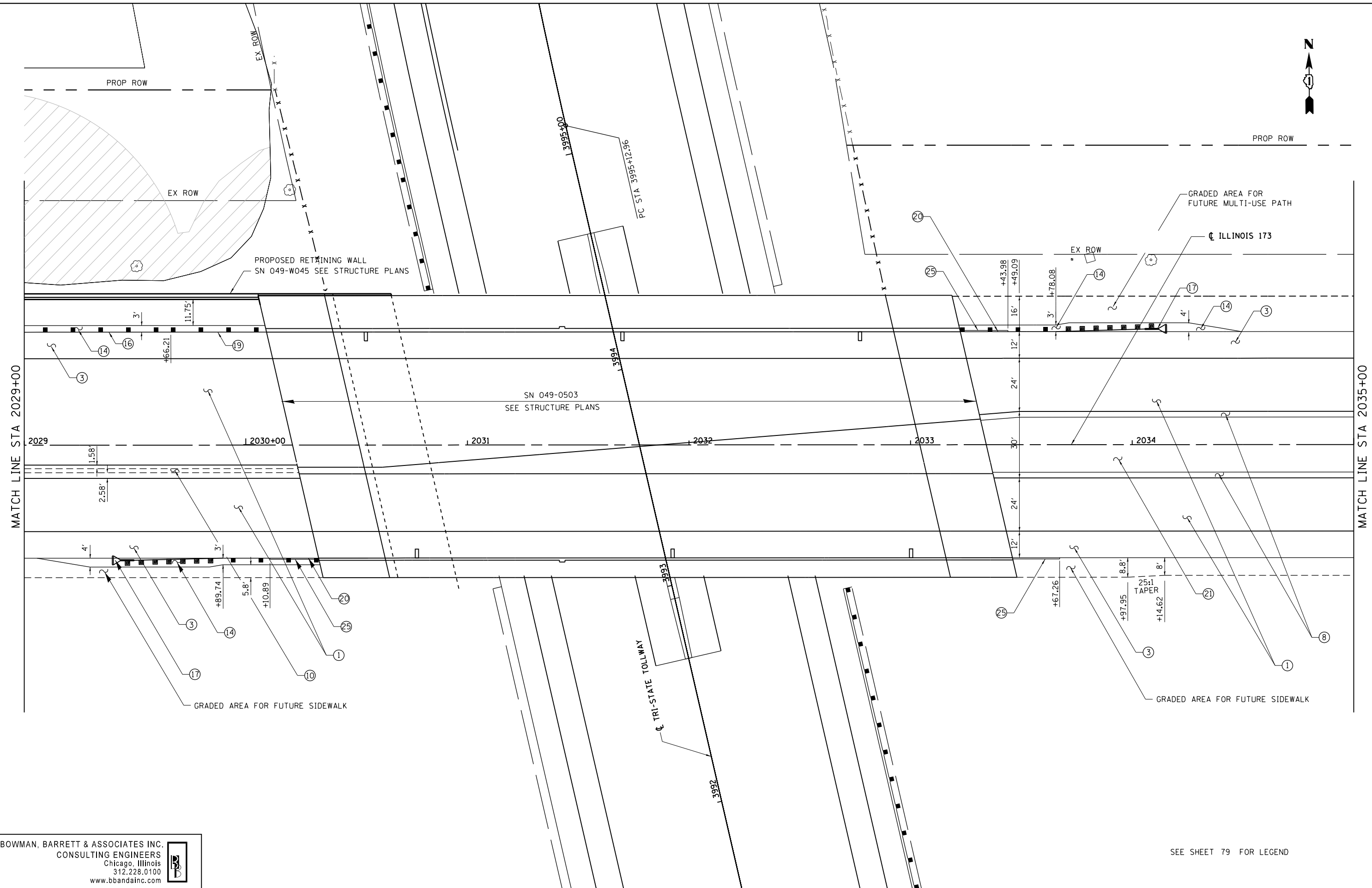
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 6/20/2012

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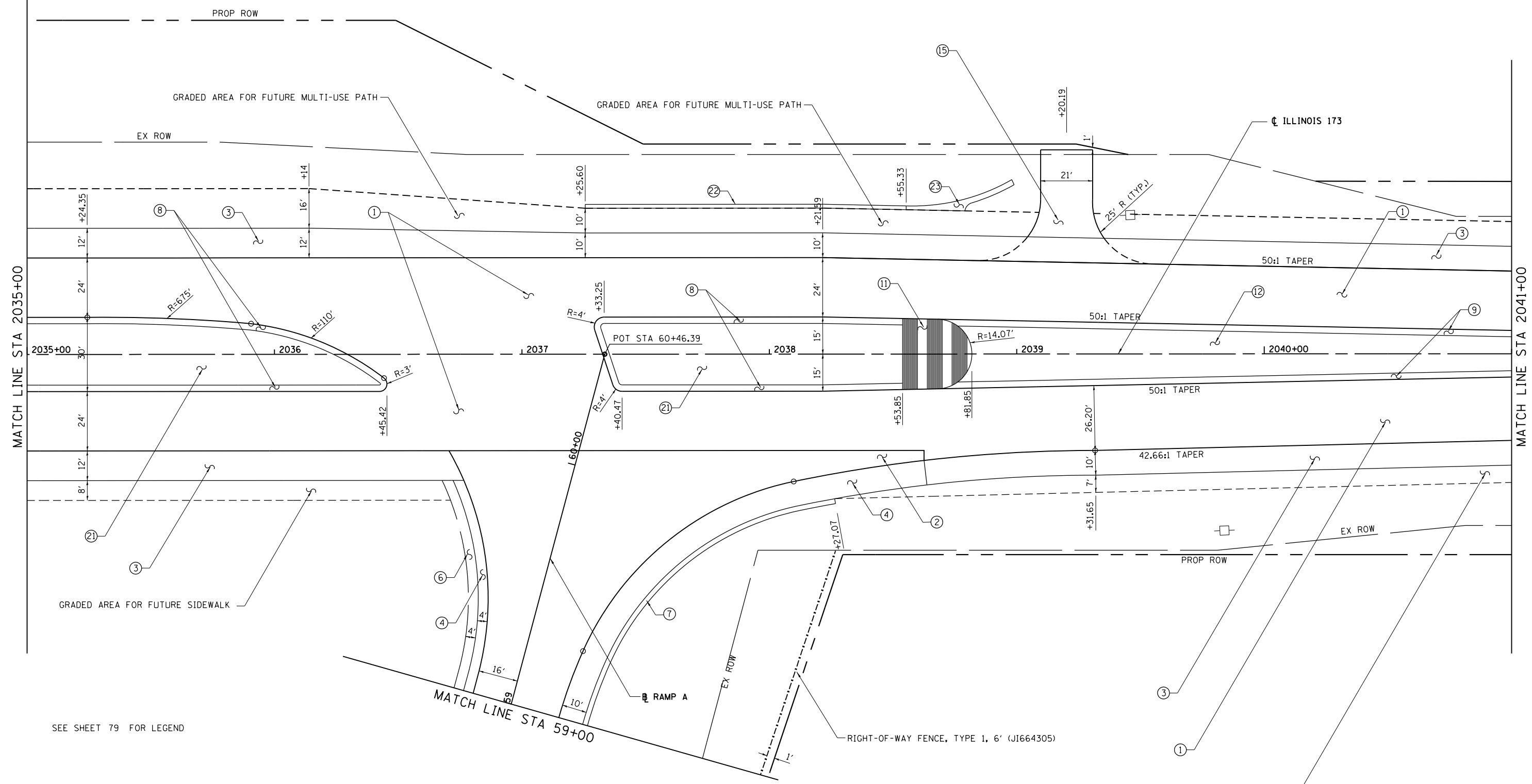
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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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MATCH LINE STA 2035+00

MATCH LINE STA 2041+00

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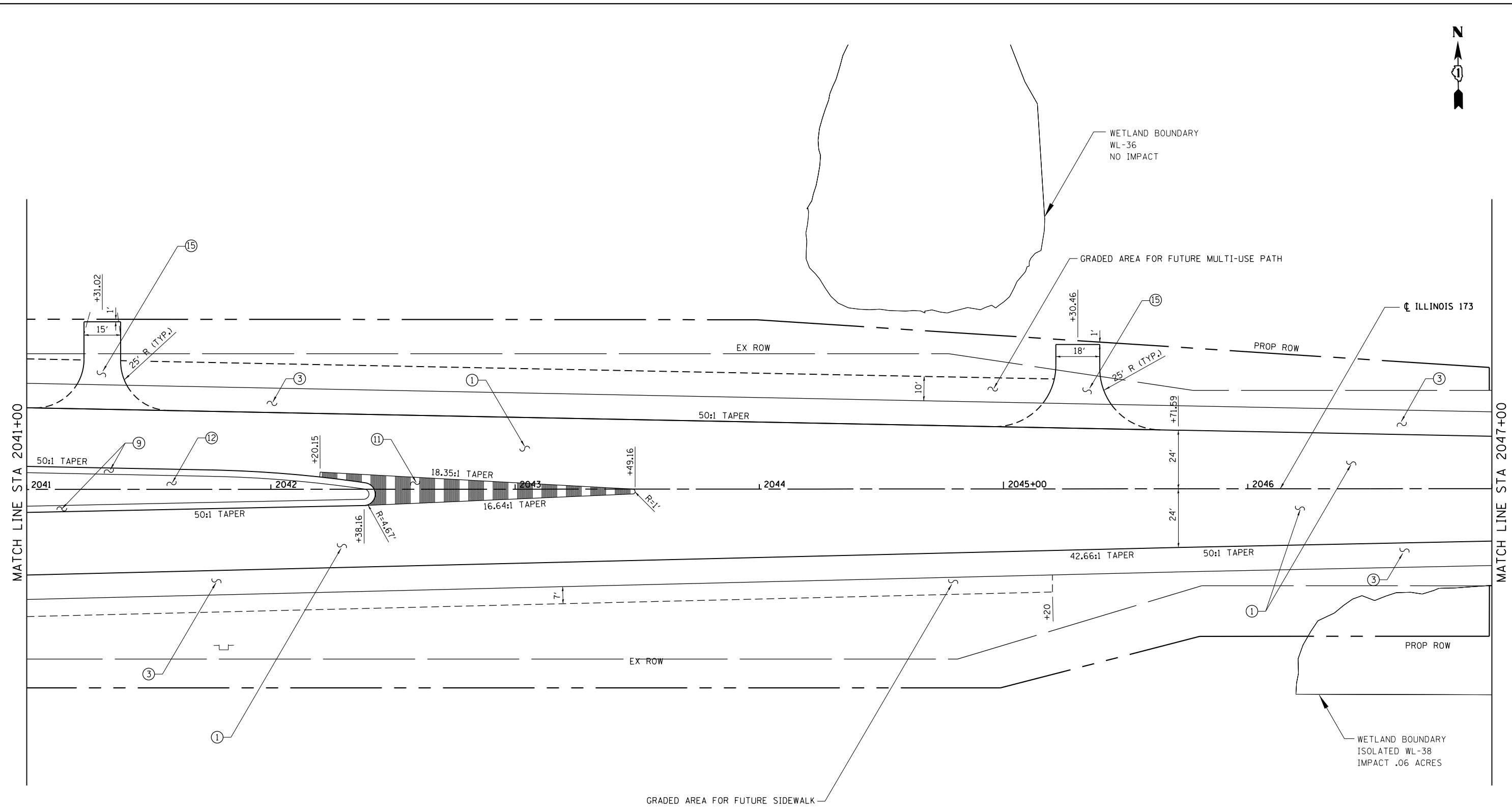
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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**STATE OF ILLINOIS  
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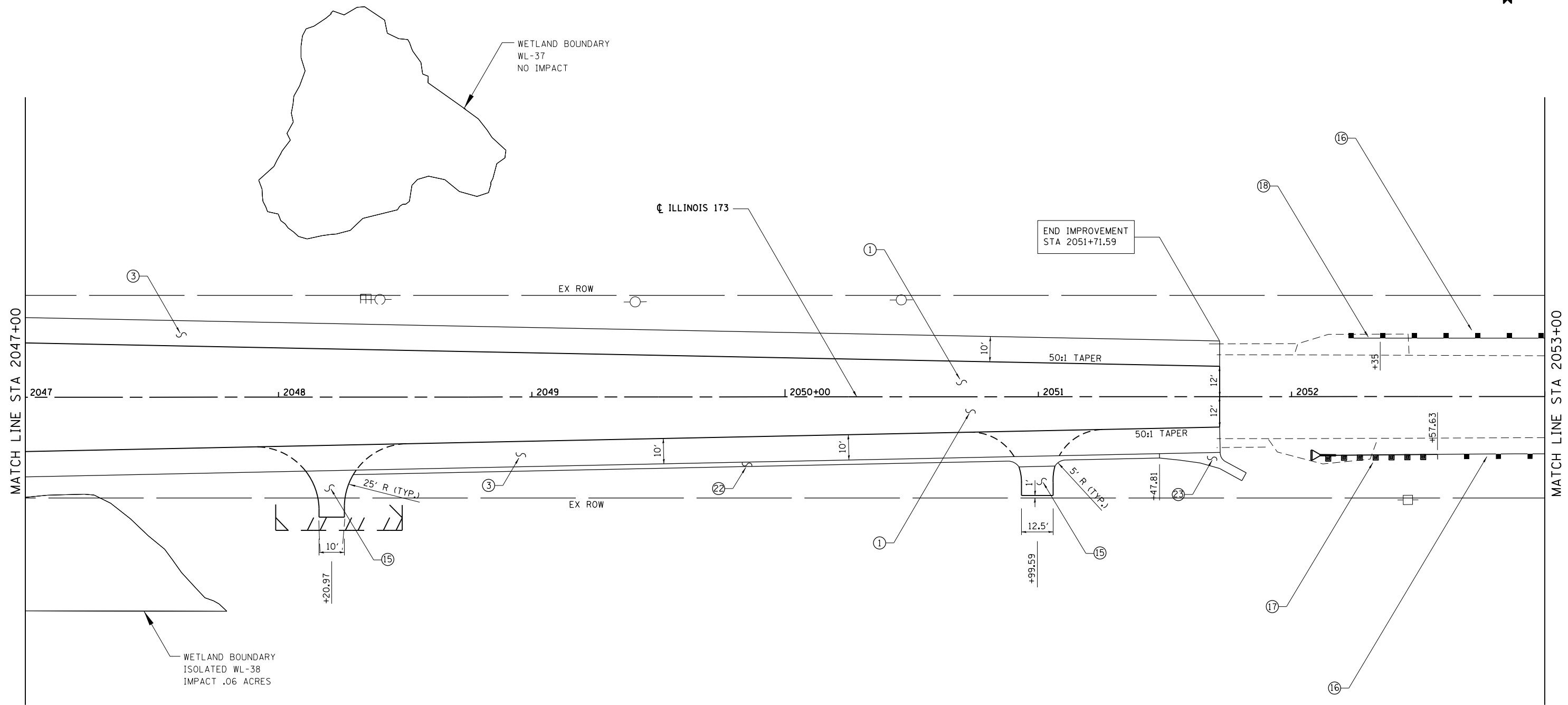
**PROPOSED ROAD PLAN IL RTE 173**

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
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JDC	REVISED -
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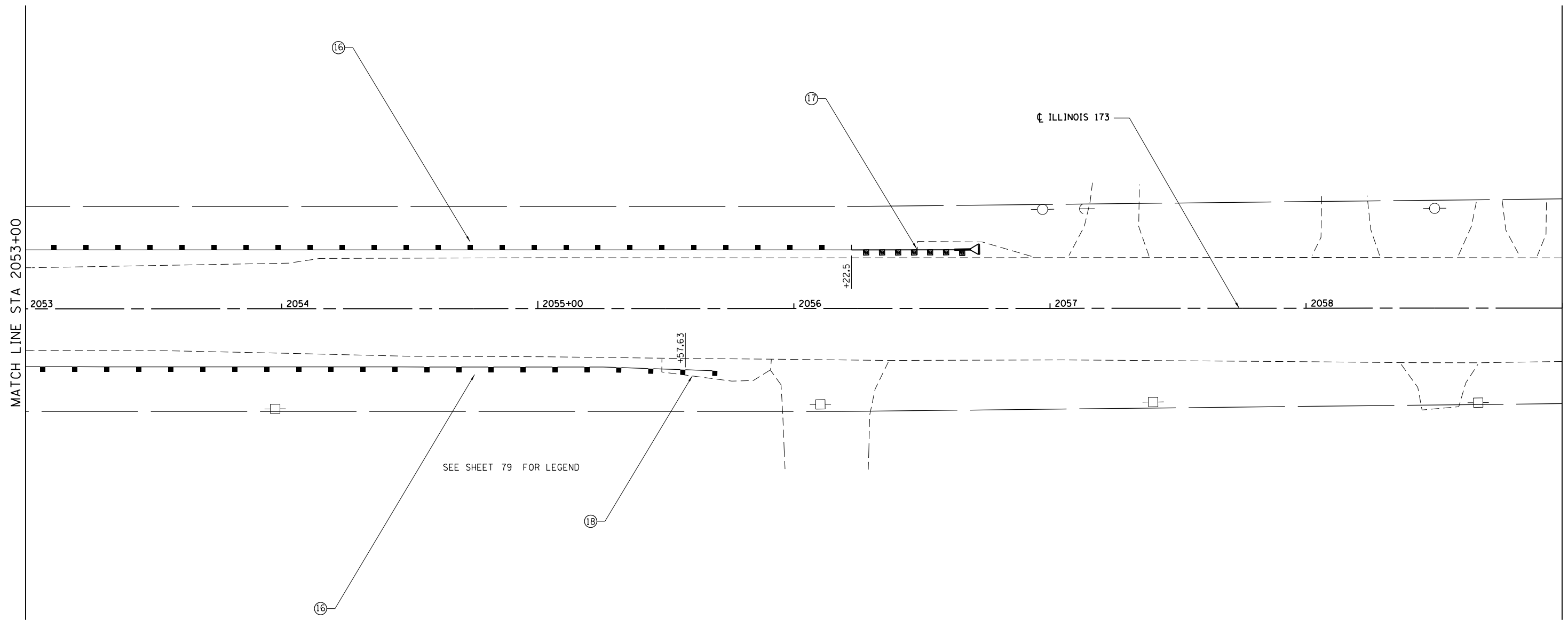
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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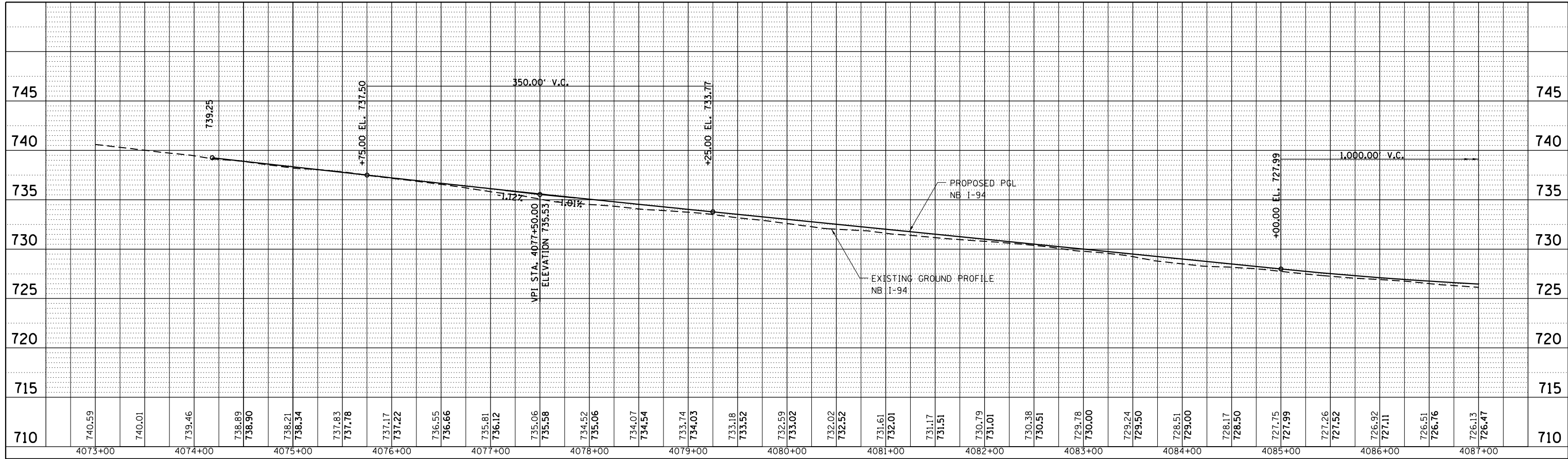
**PROPOSED ROAD PLAN IL RTE 173**

SCALE: 1"=20' SHEET NO. 8 OF 8 SHEETS STA. 2053+00 TO STA. 2059+00

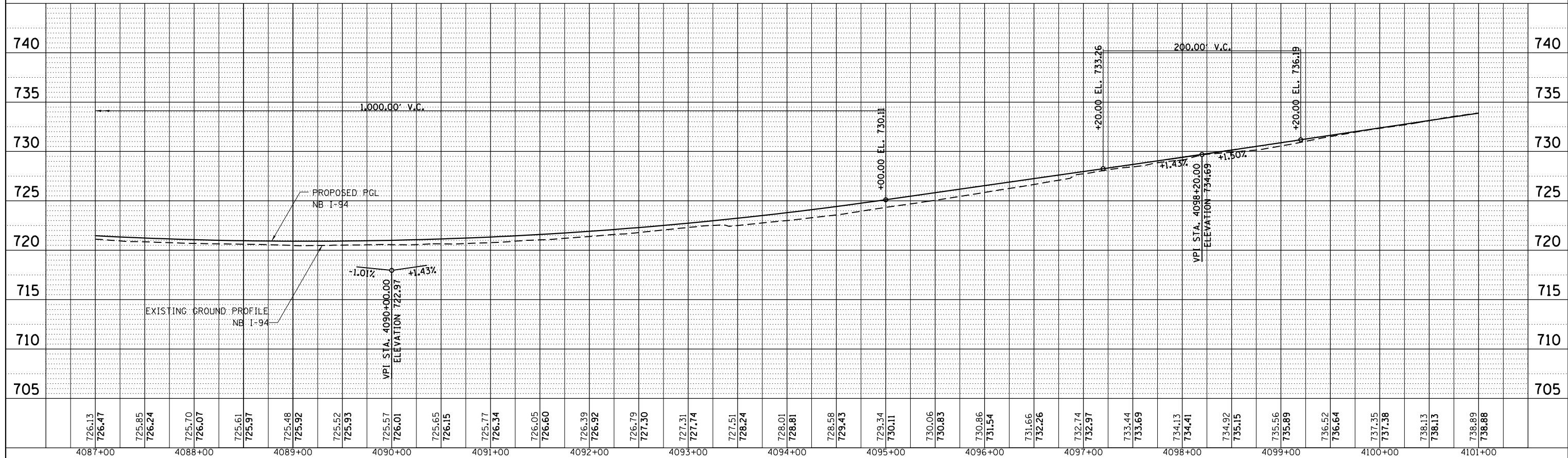
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	86
<b>CONTRACT NO. 60L77</b>				
ILLINOIS FED. AID PROJECT				

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	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
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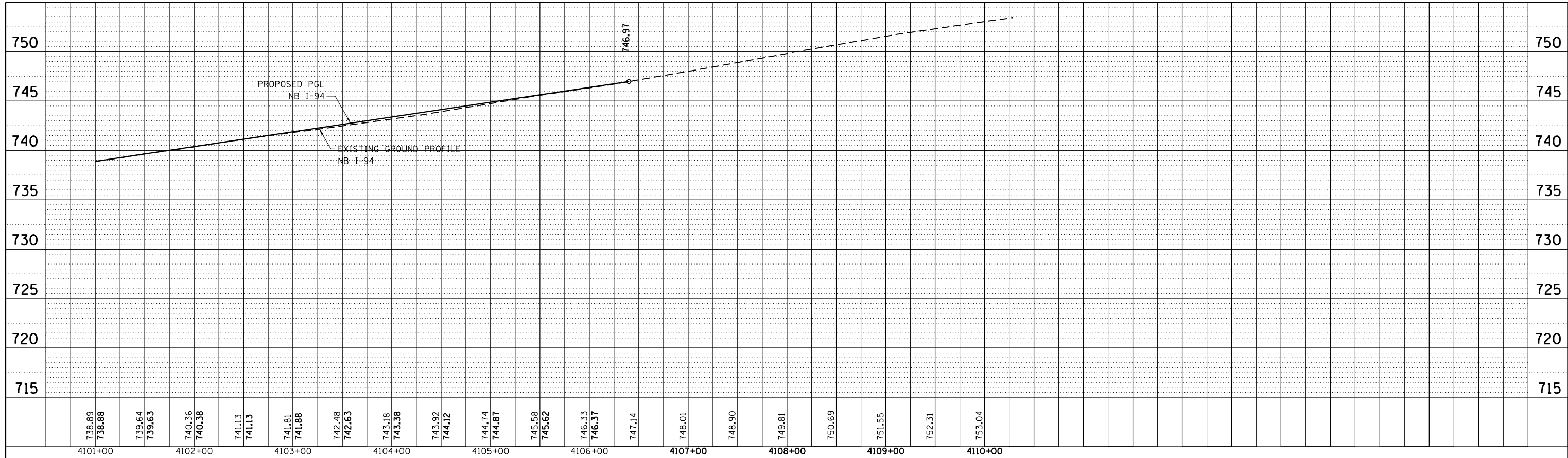
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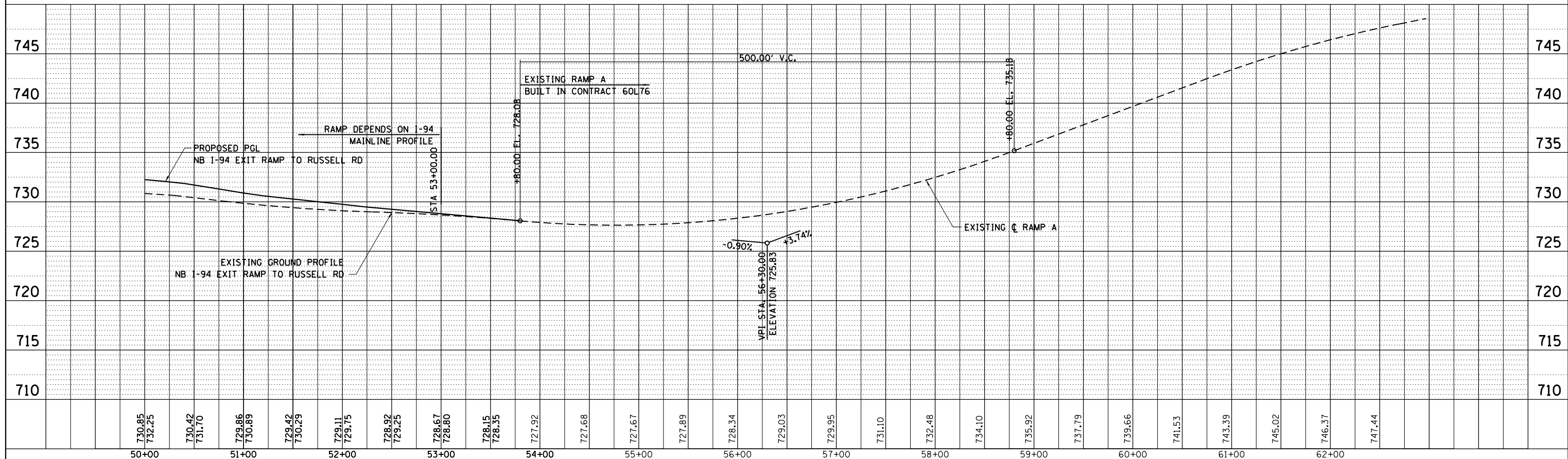
**PROPOSED PROFILE  
 NORTHBOUND I-94**  
 SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	87
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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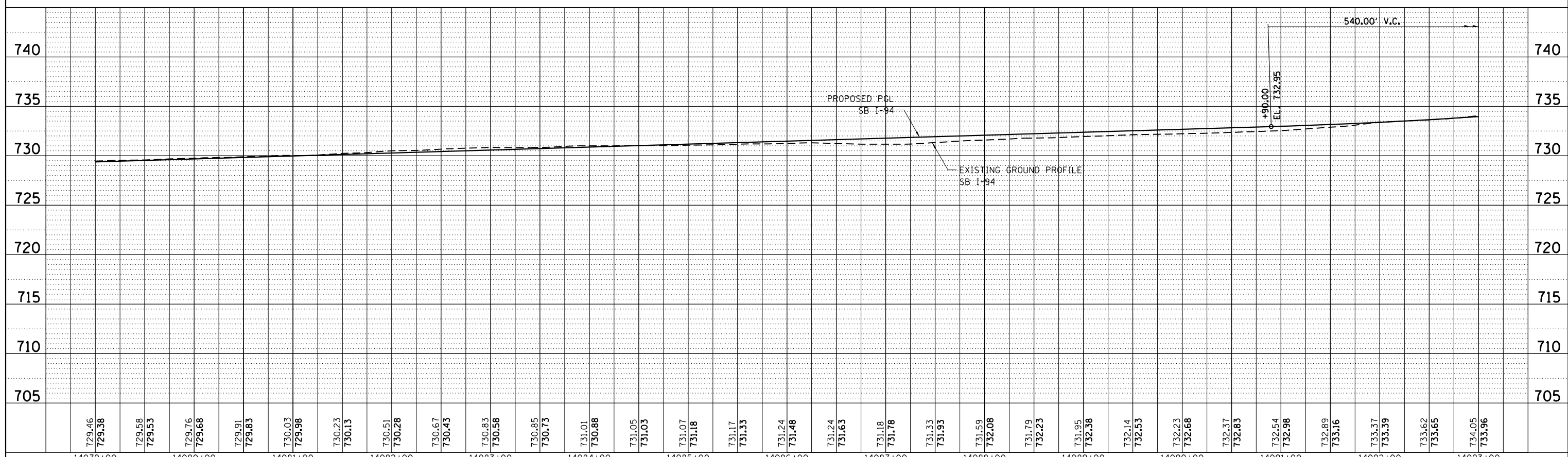
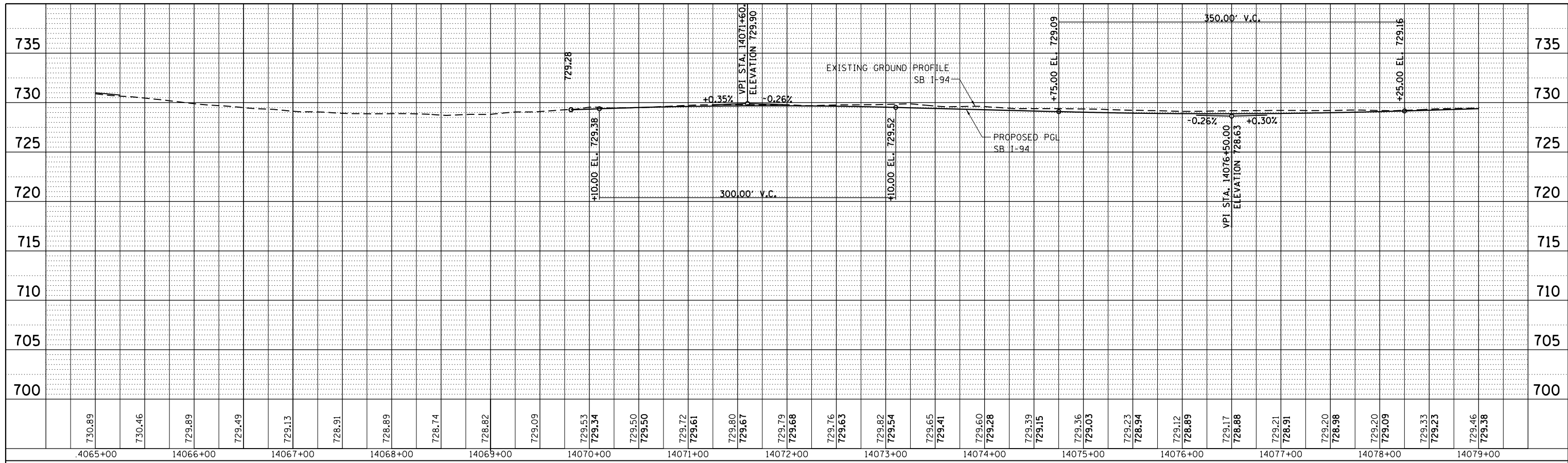
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PROFILE  
 NORTHBOUND I-94**  
 SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	88
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

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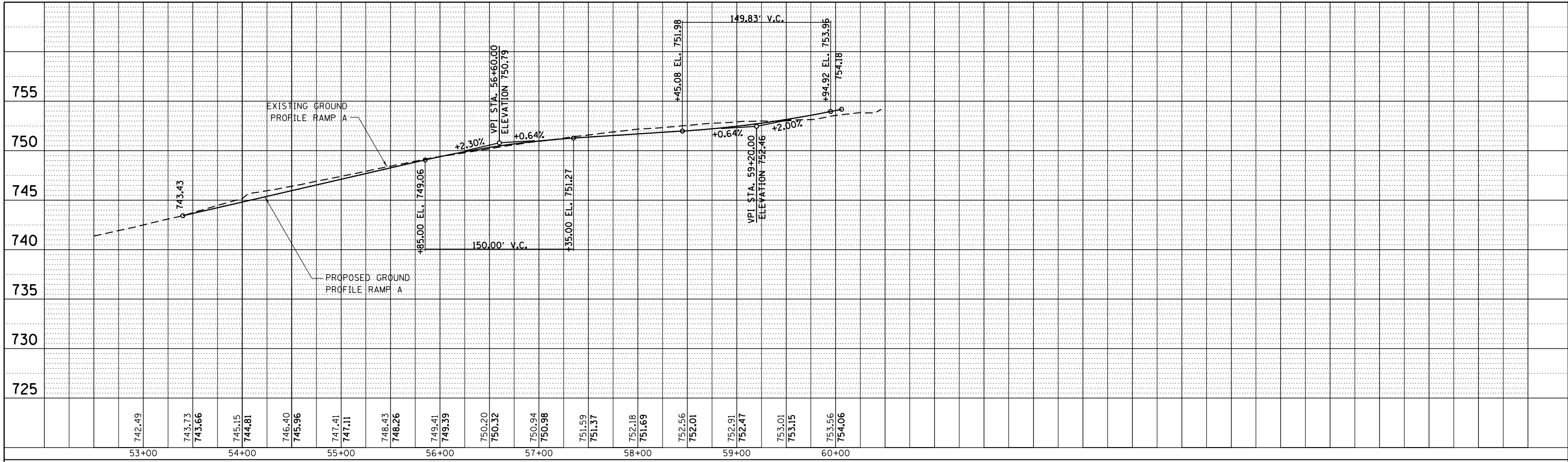
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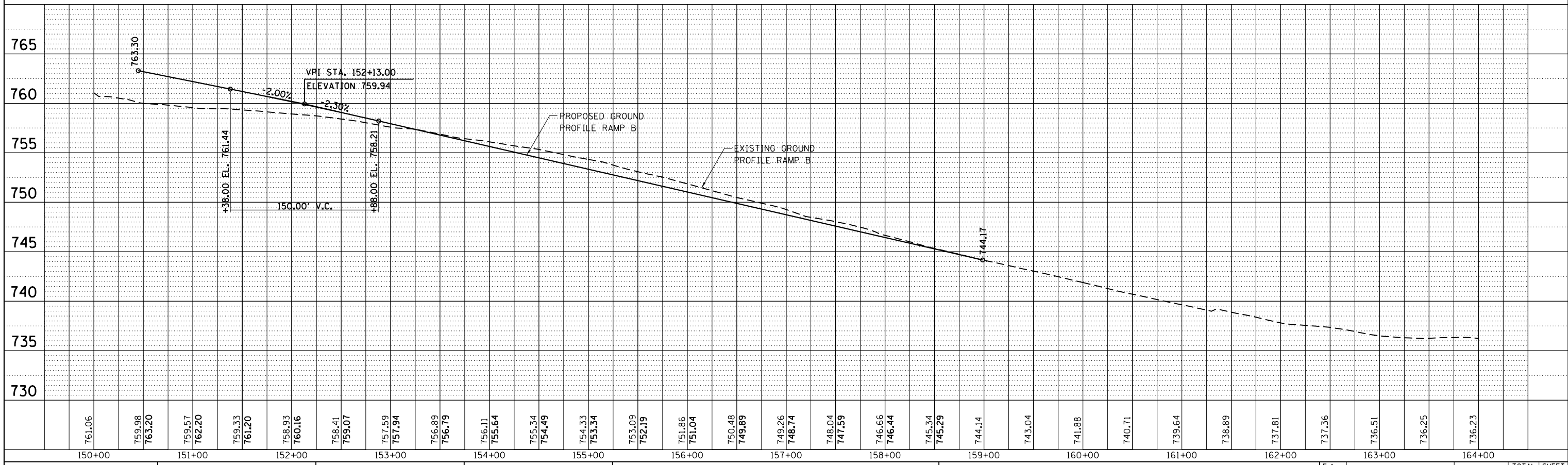
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D:\60L77-sht-profile.dgn		DRAWN -	REVISED -		94	49-1-R-1	LAKE	677	89		
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 10 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	CHECKED		
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	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
	NOTATIONS CHECKED		
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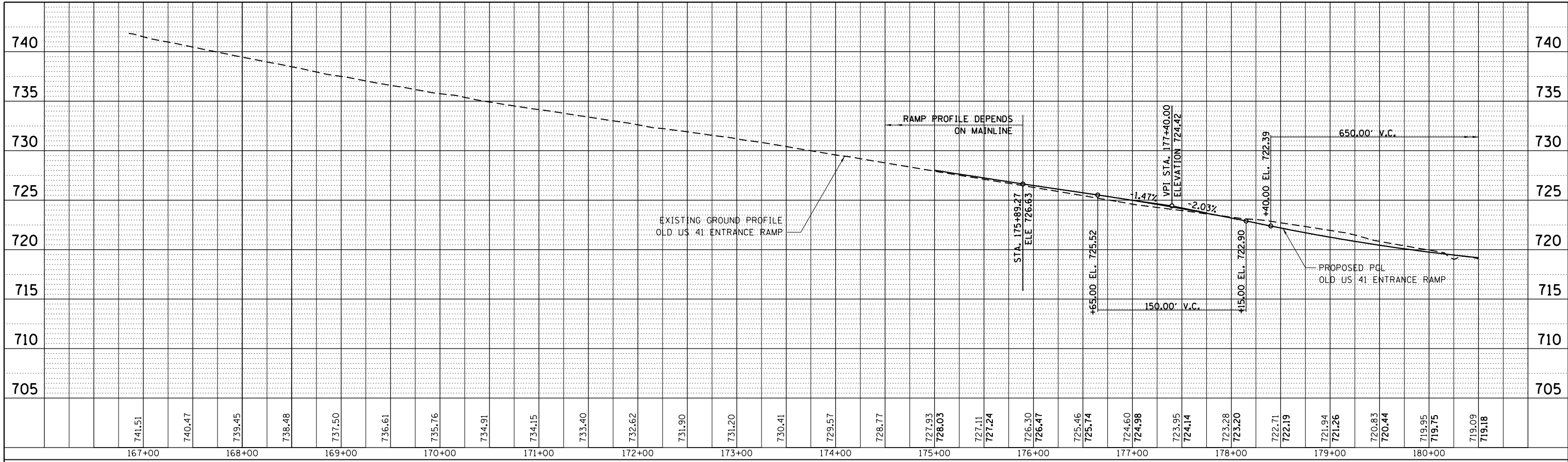
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

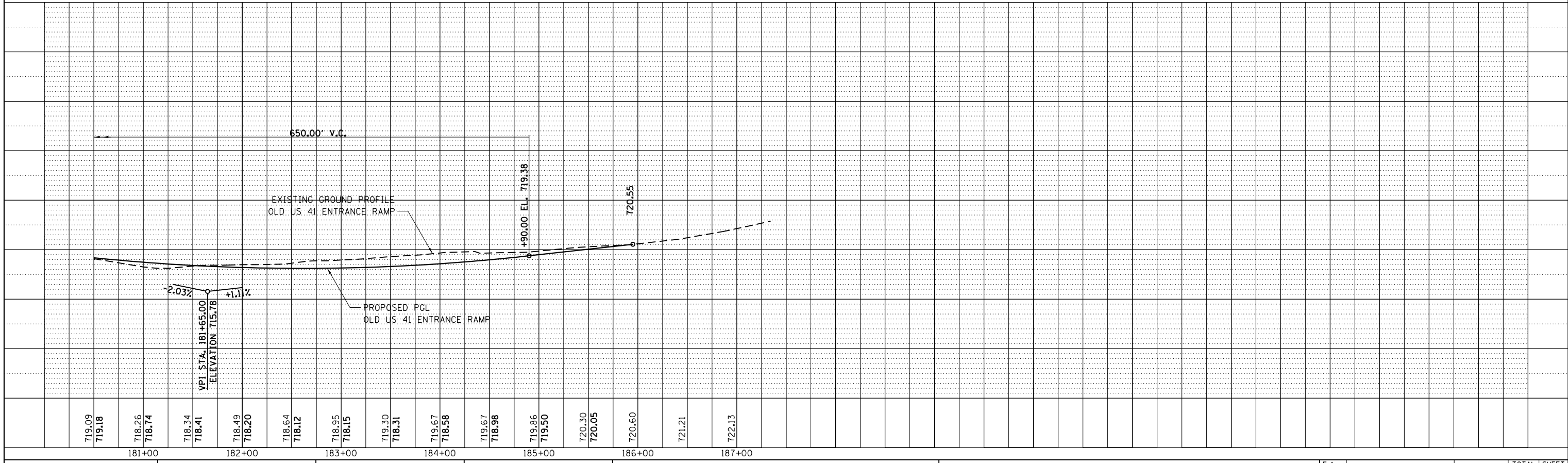
<b>PROPOSED PROFILE RAMP A AND RAMP B</b>	
SCALE: 1"=50'	SHEET NO. 5 OF 10 SHEETS
STA.	TO STA.

F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 91
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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PROFILE	SURVEYED	BY	DATE
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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

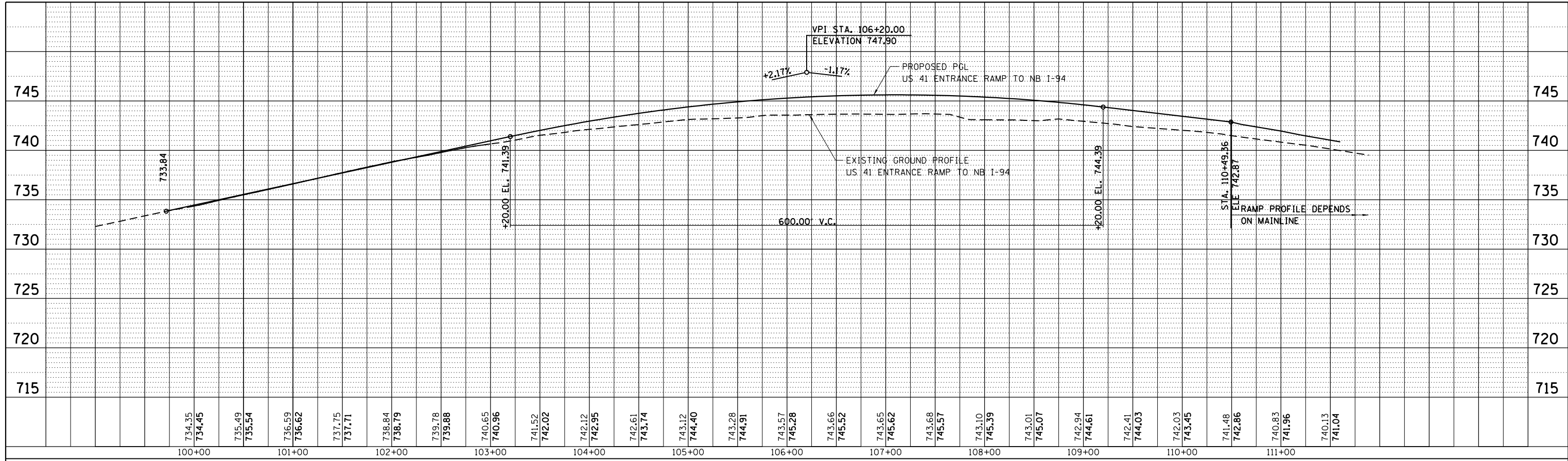
**PROPOSED PROFILE  
 OLD US 41 ENTRANCE RAMP TO SB I-94**

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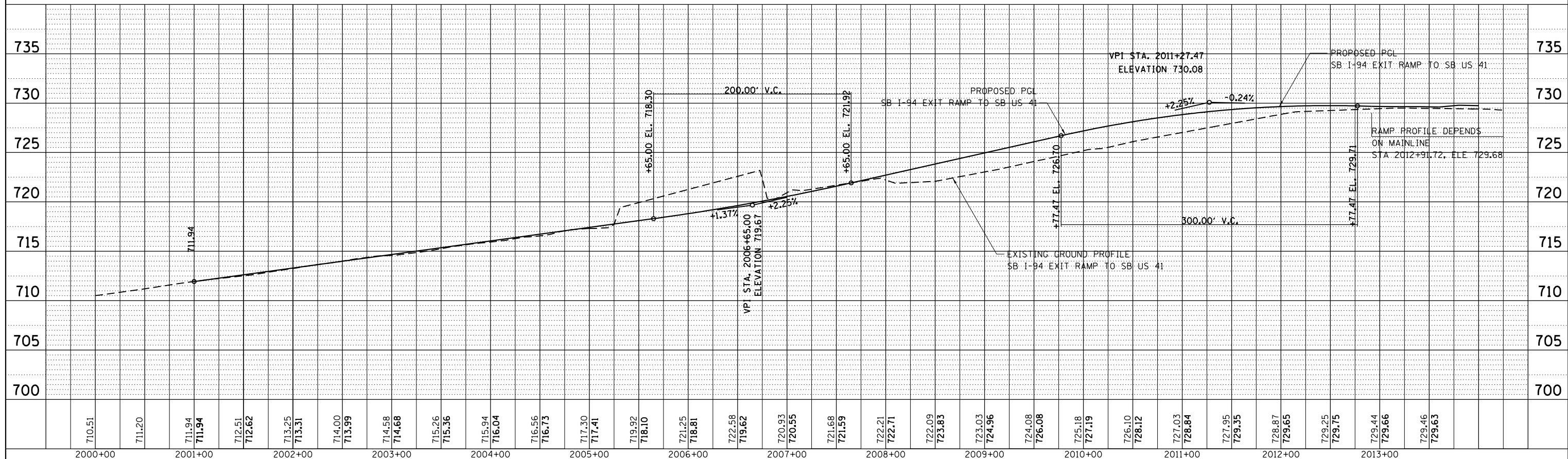
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94	49-1-R-1	LAKE	677	92
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				



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PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
	NOTATIONS CHECKED		
	FILE NAME		



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

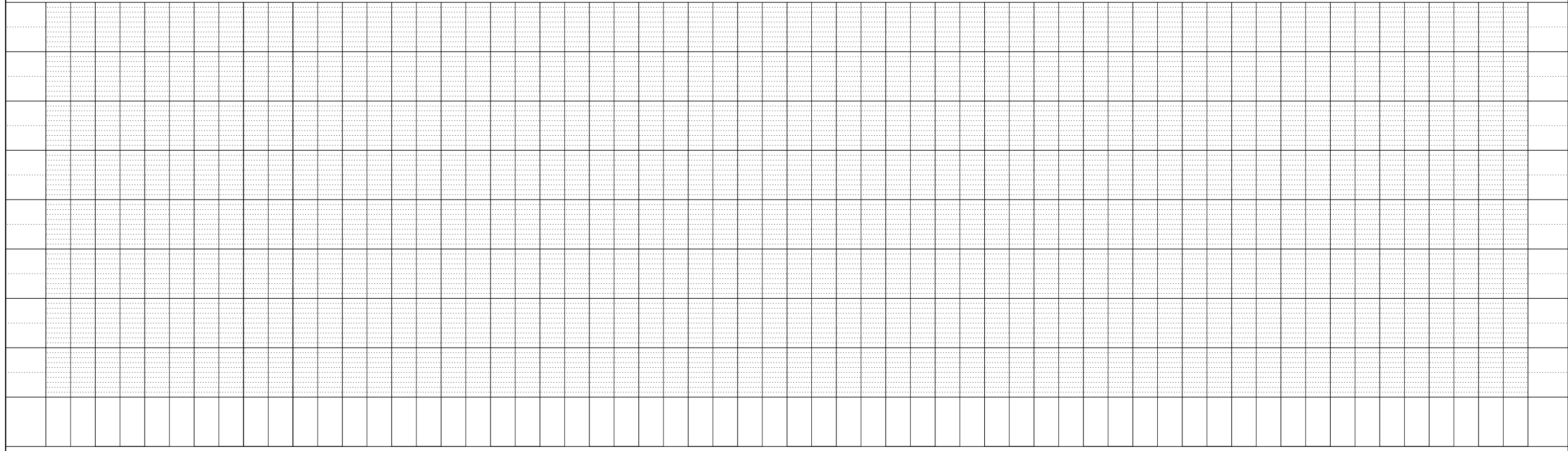
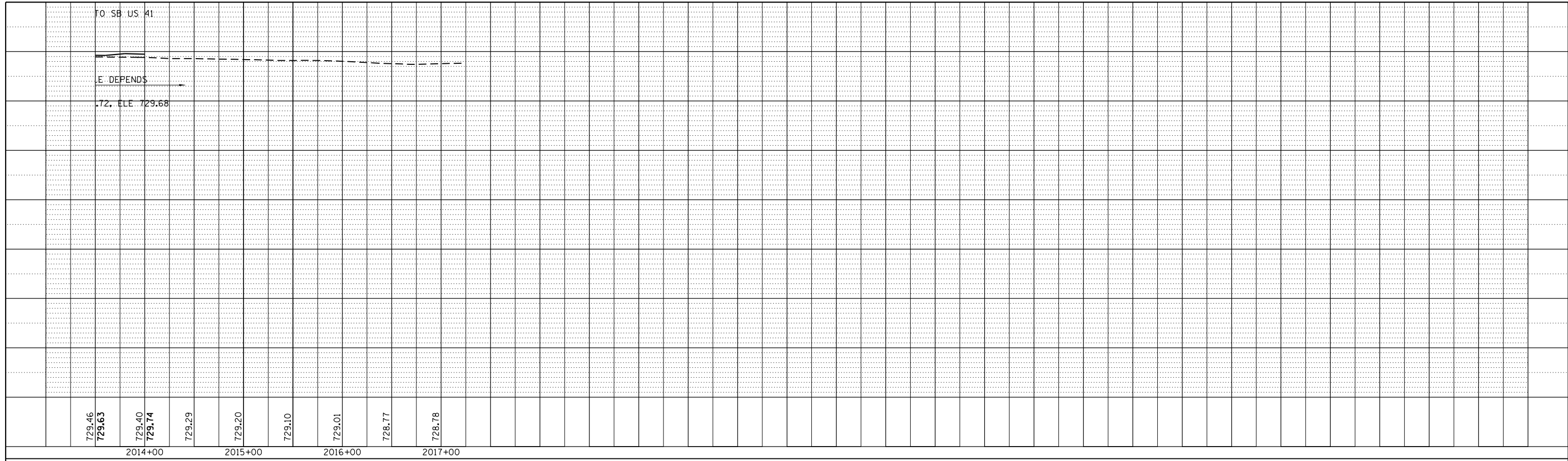
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 US 41 ENTRANCE RAMP TO NB I-94 US 41 EXIT RAMP FROM SB I-94**

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	93
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

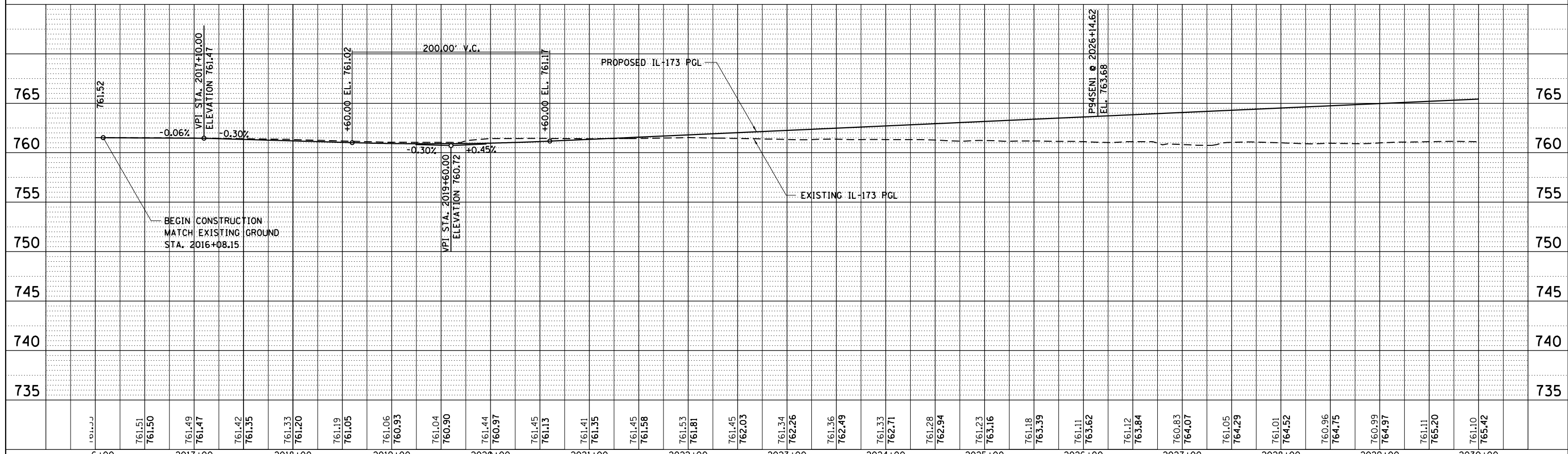
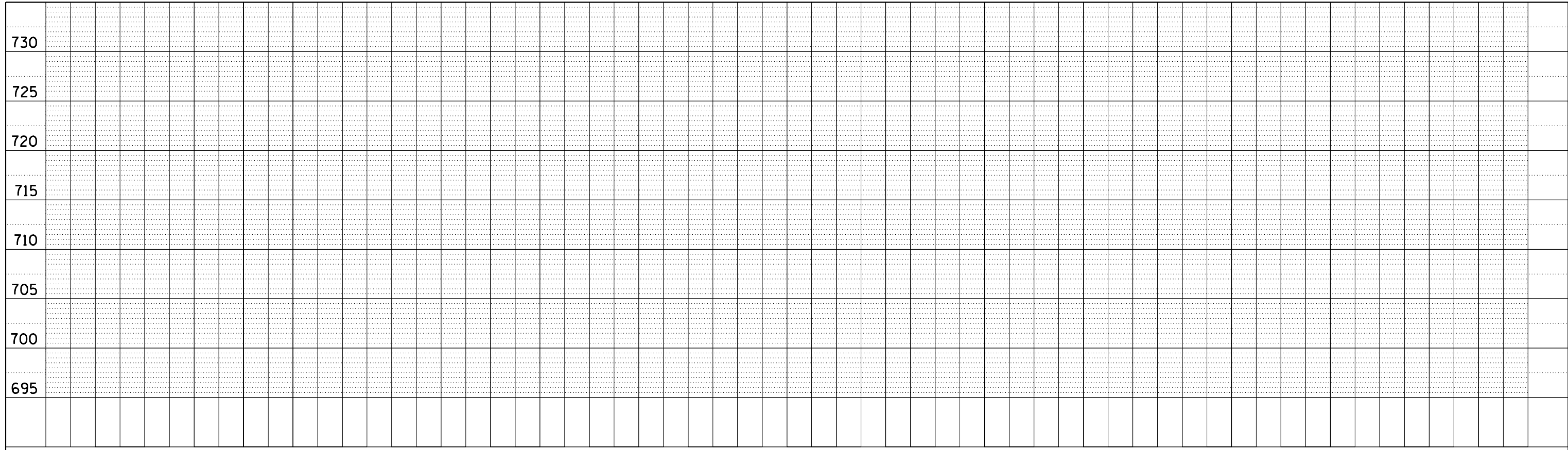
**PROPOSED PROFILE**  
**US 41 EXIT RAMP FROM SB I-94**

SCALE: 1"=50'    SHEET NO. 8 OF 10 SHEETS    STA.    TO STA.

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

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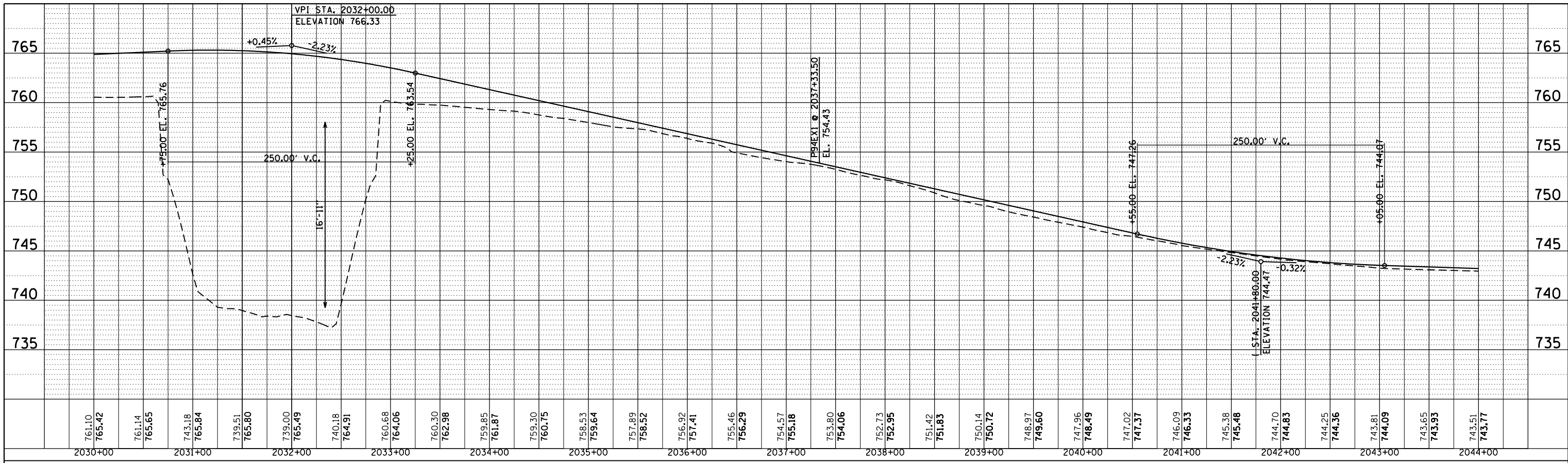
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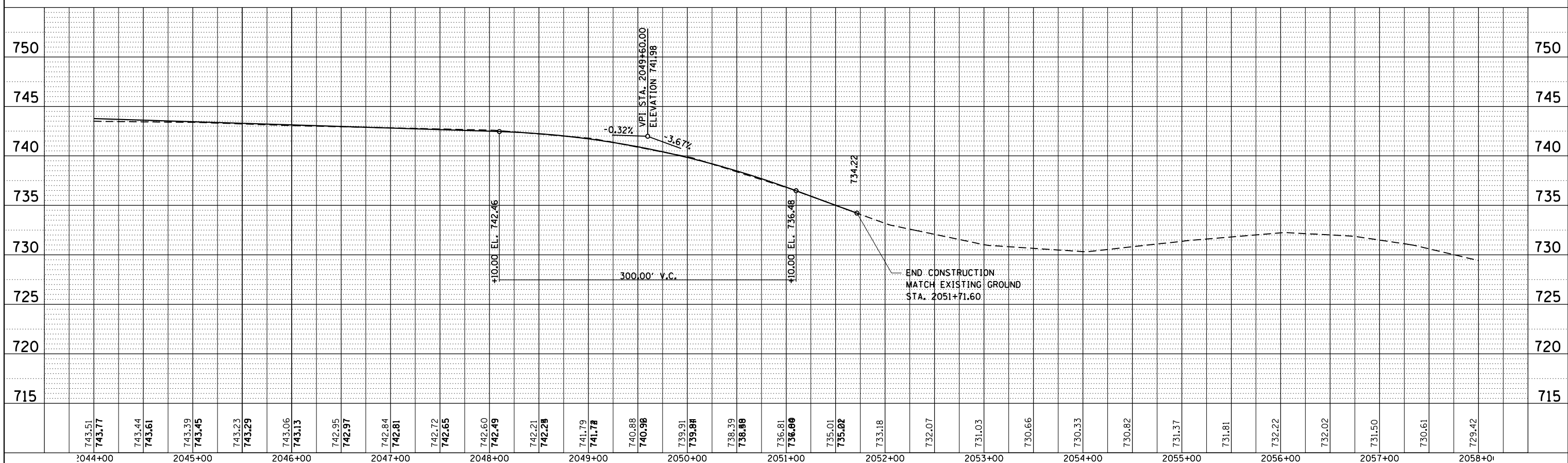
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SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. TO STA.

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	NOTE BOOK		
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	NOTATIONS		



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DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
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PROPOSED PROFILE  
 ILLINOIS ROUTE 173  
 SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	96
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

- ① THE CONTRACTOR MUST COORDINATE ALL LANE CLOSURES WITH THE ENGINEER.
- ② ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED ON THE I-94 EXPRESSWAY, AND RAMPS SHALL BE IN ACCORDANCE WITH APPLICABLE TOLLWAY STANDARDS, IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THIS CONTRACT DRAWINGS IS INCLUDED IN THE COST OF "MAINTENANCE OF TRAFFIC", AND WILL NOT BE PAID FOR SEPARATELY.
- ③ ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED ON IL RTE 173, SHALL BE IN ACCORDANCE WITH APPLICABLE IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THIS CONTRACT DRAWINGS IS INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)", AND WILL NOT BE PAID FOR SEPARATELY.
- ④ LANE CLOSURES, RAMP CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST TOLLWAY AND IDOT HIGHWAY STANDARD DRAWINGS AND IDOT DISTRICT 1 STANDARD DETAILS.
- ⑤ 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"
- ⑥ ALL DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH BIDIRECTIONAL STEADY BURN LIGHTS. CONES WILL NOT BE ALLOWED, UNLESS NOTED. DRUM SPACINGS SHALL BE 50' CENTER TO CENTER ALONG THE I-94 AND IL 173 AND 25' C-C AT ALL RAMP LOCATIONS. DRUMS SHALL BE PLACED AT 100' C-C AT LOCATIONS OF FULL SHOULDER WIDTH. ALL VERTICAL PANELS SHALL BE INSTALLED WITH A PANEL ON EACH SIDE OF THE POST WITH BIDIRECTIONAL STEADY BURN LIGHT MOUNTED ABOVE.
- ⑦ ANY EXISTING SIGNS DENOTED WITHIN THE PLAN SET THAT DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS SHALL BE REMOVED OR COVERED, AS DIRECTED BY THE ENGINEER. THE COVERING OR REMOVAL OF GROUND MOUNTED/OVERHEAD SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE AND WILL NOT BE MEASURED FOR PAYMENT BUT IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF TRAFFIC"
- ⑧ AT LOCATIONS WHERE A HAZARD EXISTS WITHIN 3.5 FEET OF THE TEMPORARY CONCRETE BARRIER IN AN IDOT SECTION AND 3.75 FEET IN A TOLLWAY SECTION, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT. ANCHORING OF THE TEMPORARY CONCRETE BARRIER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER" AND "RELOCATE TEMPORARY CONCRETE BARRIER". TEMPORARY CONCRETE WALLS MUST BE CONTINUOUSLY PINNED. IF BASE OF THE TEMPORARY CONCRETE BARRIER IS 12 INCHES OR LESS FROM THE TRAVEL LANE, THEN THE BASE OF THE BARRIER WALL WILL ALSO HAVE A 6 INCH WIDE TEMPORARY PAVEMENT MARKING. THE PAVEMENT MARKING EDGE LINE WILL BE YELLOW WHEN THE BARRIER IS TO THE LEFT OF THE TRAVEL LANE AND WHITE ON THE RIGHT SIDE. THE TEMPORARY PAVEMENT MARKING WILL BE PAY AS, 'TEMPORARY PAVEMENT MARKING, 6"
- ⑨ ADVANCED SIGNING PER IDOT DISTRICT 1 DETAIL TC-22 AND/OR CHANGEABLE MESSAGE SIGNS SHALL BE USED IN ADVANCE OF ROAD WORK IN BOTH TRAFFIC DIRECTIONS ALONG IL RTE 173.
- ⑩ ALL TEMPORARY PAVEMENT MARKINGS ARE SHOWN ON THE PLANS AS PAVEMENT MARKING TAPE, TYPE III OF THE LINE WIDTH SPECIFIED. THE CONTRACTOR MAY REQUEST PERMISSION TO USE EPOXY PAVEMENT MARKING IN PLACE OF PAVEMENT MARKING TAPE, TYPE III WHEN WEATHER CONDITIONS FALL OUTSIDE THE TEMPERATURE RESTRICTIONS STATED IN THE MANUFACTURERS SPECIFICATIONS FOR INSTALLING THE TAPE. THE INSTALLATION AND REMOVAL OF THE EPOXY PAVEMENT MARKING SHALL BE PAID FOR AS PAVEMENT MARKING TAPE, TYPE III AND WORK ZONE PAVEMENT MARKING REMOVAL RESPECTIVELY.
- ⑪ THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ANY SIGNING OR ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE CONTRACTOR ACCESS TO THE WORK ZONE IS INCLUDED IN THE COST OF "MAINTENANCE OF TRAFFIC" AND WILL NOT BE PAID FOR SEPARATELY.
- ⑫ THERE ARE NO DRAWINGS FOR PRE-STAGE 1A. TEMPORARY PAVEMENT INSTALLED FOR TRAFFIC STAGING WILL BE PAID AS "TEMPORARY PAVEMENT". THE REMOVAL OF THE TEMPORARY PAVEMENT WILL BE PAID AS "PAVEMENT REMOVAL".
- ⑬ "RELOCATE TEMPORARY CONCRETE BARRIER" WILL BE MEASURED FOR PAYMENT WHEN THE BARRIER IS RELOCATED AND USED AS A TRAFFIC CONTROL DEVICE. THERE MAY BE SOME INSTANCES WHEN THE EXISTING TEMPORARY CONCRETE BARRIER REQUIRES RELOCATION DUE TO THE CONTRACTORS ACTIVITIES BUT THE BARRIER WILL NOT BE USED FOR MAINTENANCE OF TRAFFIC DURING THAT STAGE. THIS BARRIER WILL NOT BE MEASURED FOR PAYMENT UNTIL IT IS USED AS A TRAFFIC CONTROL DEVICE IN A SUBSEQUENT STAGE.
- ⑭ INSTALL DRIVEWAY ENTRANCE SIGN, AS PER IDOT STD TC-26. DRIVEWAY SIGNS WILL BE PAID AS "TEMPORARY INFORMATION SIGNING" MAINTAIN ACCESS CONTROL TO THE DRIVEWAYS BY CONSTRUCTING HALF AND MAINTAINING ACCESS IN THE OTHER HALF. ACCESS TO ALL RESIDENCES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, UNLESS NOTED IN PLANS.
- ⑮ FOR THE EXISTING SIGNING REMOVAL, SEE SIGNING AND PAVEMENT MARKINGS PLAN SHEETS.
- ⑯ THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PLACEMENT AND MESSAGES FOR ALL TRAILER MOUNTED CHANGEABLE MESSAGE SIGN WITH THE ENGINEER. PROVIDED BELOW FOR INFORMATION ONLY ARE ANTICIPATED LOCATIONS AND DURATIONS AT EACH LOCATION FOR EACH FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGN:
- ⑰ ALL CMS USED DURING MOT SHALL BE FULL MATRIX PCMS AS SPECIFIED IN THE TOLLWAY SUPPLEMENTAL SPECIFICATIONS.

RAMP A	1	OLD US 41 ENTRANCE RAMP	1
RAMP B	1	NB US 41 TO NB I-94	1
NB I-94	3*	TOTAL	12
SB I-94	3		
IL RTE 173	2		

\* INSTALL ONE CMS 3 MILES UPSTREAM (NB) OF THE CONSTRUCTION ZONE (TIED TO ISTHA TIMS)

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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STAGING OVERVIEW

PRE-STAGE 1

WORK DURING THIS STAGE WILL INCLUDE ALL WORK THAT IS REQUIRED TO PLACE TRAFFIC IN STAGE 1A AND 1B, INCLUDING BUT NOT LIMITED TO MOT SIGNING, TEMPORARY PAVEMENT MARKING, REMOVAL OF EXISTING MEDIAN CRASHWALLS UNDER RUSSELL ROAD BRIDGES AND TEMPORARY PAVEMENT INSTALLATION AND ALL NECESSARY SUPPORTING EARTHWORK.

TEMPORARY PAVEMENT ALONG RAMP A AND RAMP B, FROM NB I-94 TO IL RTE 173 AND FROM IL RTE 173 TO SB I-94. PRESTAGE WORK ALONG THE RAMPS WILL BE PERFORMED AS PER IDOT DISTRICT 1 DETAIL TC-17.

TEMPORARY PAVEMENT ALONG SB I-94 AND NB I-94 AS NEEDED FOR MOT STAGE 1A. USE IDOT DISTRICT 1 STD TC-17

TEMPORARY PAVEMENT ALONG IL RTE 173 AS NEEDED FOR MOT STAGE 1A. USE HIGHWAY STANDARD 701326

FOR RUMBLE STRIP REMOVALS AND RESURFACING OF THIS AREA, USE TOLLWAY STD E3-02 IN TOLLWAY SECTION AND IDOT HIGHWAY STD 701326-04 IN IDOT SECTION. RUMBLE STRIP REMOVAL AND RESURFACING WILL BE PAID AS "RUMBLE STRIP REMOVAL"

FOR ALL TEMPORARY PAVEMENT INSTALLATION AND RUMBLE STRIP REMOVAL AND REHABILITATION, USE TEMPORARY LANE CLOSURES DURING HOURS AS APPROVED BY THE ENGINEER.

I 94 STAGE 1A

MOT TRAFFIC:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - 3 LANES ARE OPEN TO TRAFFIC ON NB I-94 AND SB I-94. MOT TRAFFIC IS SHIFTED TO THE INSIDE SHOULDER AND LANES 1 & 2 WITH A SHIFT BENEATH IL RTE 173 TO PERFORM MEDIAN WORK

RAMP B - LOOKING IN DIRECTION OF TRAFFIC, MOT TRAFFIC IS SHIFTED TO THE LEFT OF THE BASELINE ONTO THE TEMPORARY PAVEMENT AND LEFT EXISTING SHOULDER

RAMP A - LOOKING IN DIRECTION OF TRAFFIC, MOT TRAFFIC IS SHIFTED TO THE LEFT OF THE BASELINE ONTO THE TEMPORARY PAVEMENT AND LEFT EXISTING SHOULDER

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - 3 LANES ARE OPEN TO TRAFFIC ON NB I-94 AND SB I-94. THE INSIDE MOT TRAFFIC LANE WILL USE THE TEMPORARY PAVEMENT BUILT IN PRESTAGE. THE OTHER MOT LANES WILL BE ON THE EXISTING INSIDE SHOULDER AND REGULAR LANES 1 AND 2

NB US 41 - MOT TRAFFIC IS SHIFTED TO THE LEFT SHOULDER. SB US 41 IS UNDER NORMAL CONDITIONS

CONSTRUCTION:

BETWEEN US 41 AND SOUTH OF IL RTE 173 - WIDENING TO THE OUTSIDE FROM THE EXISTING EOP WITH A 12 FT LANE AND 12 FT SHOULDER, WORKZONE GAPPED BETWEEN STATIONS 3989+50.0 TO STA 4000+00.0

RAMP B - LOOKING IN DIRECTION OF TRAFFIC, CONSTRUCTING THE RIGHT HALF OF THE 16' RAMP LANE AND RIGHT SHOULDER

RAMP A - LOOKING IN DIRECTION OF TRAFFIC, CONSTRUCTING THE RIGHT SIDE FROM THE BASELINE FROM STA 57+50 TO STA 60+06.0, AND FROM 8' LT FROM STA 53+40 TO STA 57+50.

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - RECONSTRUCTING OUTSIDE LANES AND OUTSIDE SHOULDER; TEMPORARY PAVEMENT AS SHOWN ON STAGE 1B, TO RUN STAGE 1B TRAFFIC.

NB US 41 - WORKZONE IS TO THE RIGHT OF THE CENTERLINE; CONSTRUCTING THE RIGHT 12 FT LANE AND RIGHT SHOULDER

IL RTE 173 SOUTHERN PORTION OF PROPOSED OVERHEAD BRIDGE WORK, INCLUDING MEDIAN SHOULDER PIER AND REMOVAL, AND MEDIAN PIER RECONSTRUCTION

I 94 STAGE 1B

MOT TRAFFIC:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - SAME AS STAGE 1A

RAMP B, LOOKING IN DIRECTION OF TRAFFIC, MOT TRAFFIC FROM EB IL RTE 173 TO RAMP IS SHIFTED TO THE RIGHT OF THE BASELINE ONTO THE NEW PAVEMENT AND RIGHT SHOULDER. THE WB IL RTE 173 MOT TRAFFIC TO THE RAMP IS MAINTAINED IN THE SAME MOT RAMP LANE FROM STAGE 1A. THE TURNING MOVEMENT TO THE RAMP IS SHIFTED TO THE TEMP PVT.

RAMP A, LOOKING IN DIRECTION OF TRAFFIC, MOT TRAFFIC IS SHIFTED TO THE RIGHT OF THE BASELINE ONTO THE NEW PAVEMENT AND RIGHT SHOULDER

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - SAME AS STAGE 1A. IN THE NB I-94 EXIT RAMP TO RUSSELL ROAD, TRAFFIC IS SHIFTED TO THE NEW RAMP PAVEMENT NB US 41 MOT TRAFFIC IS SHIFTED TO THE RIGHT NEW LANE AND RIGHT NEW SHOULDER. SB US 41 IS UNDER NORMAL CONDITIONS

CONSTRUCTION:

BETWEEN US 41 AND SOUTH OF IL RTE 173 - SAME AS STAGE 1A

RAMP B - NONE

RAMP A - LOOKING IN DIRECTION OF TRAFFIC, CONSTRUCTING THE LEFT SIDE FROM THE BASELINE

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - SAME AS STAGE 1A, BUILT GORE AREAS, INSTALL TEMPORARY PAVEMENT, AS SHOWN ON STAGE 2A, TO RUN STAGE 2A TRAFFIC

NB US 41 WORKZONE IS TO THE LEFT OF THE CENTERLINE. CONSTRUCTING THE LEFT 12 FT LANE AND LEFT SHOULDER

STATE OF ILLINOIS  
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MAINTENANCE OF TRAFFIC - GENERAL NOTES

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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	97
CONTRACT NO. 60L77				
SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA. NA TO STA. NA	ILLINOIS FED. AID PROJECT	

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STAGE 2A

MOT TRAFFIC:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - 3 MAINTAINED FROM STAGE 1A. SOME TEMP BARRIER NEXT TO THE OUTSIDE LANE CAN BE REMOVED AND USE AS RELOCATED TEMP CONC BAR.

RAMP B - LOOKING IN DIRECTION OF TRAFFIC, MOT TRAFFIC IS SHIFTED TO THE RIGHT OF THE BASELINE ONTO THE NEW PAVEMENT AND RIGHT SHOULDER. AFTER WORK IS DONE, INSTALL TEMP PVT MK FOR MOT AT STAGE 2B

RAMP A - OPEN TO TRAFFIC

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - 3 LANES OF TRAFFIC OPEN DURING MOT. THESE LANES ARE SHIFTED TO THE OUTSIDE NEW SHOULDER AND LANES

NB US 41 - ONE LANE OPEN TO TRAFFIC

SB US 41 - LOOKING IN DIRECTION OF TRAFFIC, MOT LANE IS SHIFTED TO THE EXISTING RIGHT SHOULDER AND RIGHT LANE

CONSTRUCTION:  
BETWEEN US 41 AND SOUTH OF IL RTE 173; ONLY UNDER IL RTE 173 BRIDGE

RAMP B - CONSTRUCTING THE LEFT HALF OF THE 16' RAMP LANE AND LEFT SHOULDER

RAMP A - NONE

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - BUILDING THE INSIDE LANES AND INSIDE SHOULDER; INSTALL TEMPORARY PAVEMENT AS SHOWN ON STAGE 2B.

NB US 41 - NONE

SB US 41 - LOOKING IN DIRECTION OF TRAFFIC, BUILDING THE LEFT 12' LANE AND LEFT SHOULDER

STAGE 2B

MOT TRAFFIC:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - SAME AS STAGE 2A

RAMP B - OPEN TO TRAFFIC

RAMP A - OPEN TO TRAFFIC, SAME AS STAGE 2A

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - SAME AS STAGE 2A. IN THE SB I-94 EXIT RAMP TO US 41, TRAFFIC IS SHIFTED TO BUILD THE GORE

NB US 41 - SAME AS STAGE 2A

SB US 41 - LOOKING IN DIRECTION OF TRAFFIC, MOT LANE IS SHIFTED TO THE EXISTING RIGHT SHOULDER AND RIGHT LANE

CONSTRUCTION:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - ONLY UNDER IL RTE 173 BRIDGE

RAMP B - NONE

RAMP A - NONE

NB I-94 AND SB I-94 - TRAFFIC NORTH OF US 41, BUILDING THE INSIDE LANES AND INSIDE SHOULDER, SAME AS STAGE 2A

NB US 41 - NONE

SB US 41 - LOOKING IN DIRECTION OF TRAFFIC, BUILDING THE RIGHT 12' LANE AND RIGHT SHOULDER

STAGE 3

MOT TRAFFIC:

TRAFFIC BETWEEN US 41 AND SOUTH OF IL RTE 173 - MOT LANES MAINTAINED FROM STAGE 1A FROM STA 3980+00 TO STA 4005+00, WHERE NB AND SB I-94 3 MOT LANES ARE SHIFTED TO THE INSIDE SHOULDERS

RAMP B - SAME AS STAGE 2B

RAMP A - SAME AS STAGE 2A

NB I-94 AND SB I-94, TRAFFIC NORTH OF US 41 - TWO OUTSIDE MOT LANES SAME AS STAGE 2A. THE THIRD LANE IS OPEN AND SHIFTED TO THE INSIDE SHOULDER

NB US 41 - SAME AS STAGE 2A

SB US 41 - ONE LANE EXITS THEN OPENS TO TWO LANES

CONSTRUCTION:

OUTSIDE SHOULDERS FROM STA 3989+50.0 TO STA 4000+00 AND OUTSIDE IL RTE 173 BRIDGE PIERS

RAMP B - NONE

RAMP A - NONE

NB I-94 AND SB I-94 - TRAFFIC NORTH OF US 41, BUILDING THE MIDDLE LANE

NB US 41 - NONE

SB US 41 - NONE

IL RTE 173 STAGE 1A

MOT TRAFFIC:

IL RTE 173 - LANES ARE SHIFTED TO THE EXISTING WESTBOUND LANES, ONE MOT LANE OPEN IN EACH DIRECTION

CONSTRUCTION:

IL RTE 173 - WORKZONE IS TO THE RIGHT OF THE CENTERLINE. CONSTRUCTING HALF MEDIAN, LANES, SHOULDER AND GRADING FOR FUTURE SIDEWALK

IL RTE 173 STAGE 1B

MOT TRAFFIC:

IL RTE 173 - SAME AS STAGE 1A, EXCEPT THAT AT INTERSECTIONS WITH RAMP IS SHIFTED TO THE SIDES. WB MOT TRAFFIC TURNING TO SB I-94 IS SHIFTED TO TEMP PAVEMENT

CONSTRUCTION:

IL RTE 173 - SAME AS STAGE 1A, EXCEPT AT INTERSECTIONS WITH RAMPS, WORK DONE AT THE INTERSECTIONS

IL RTE 173 STAGE 1C

MOT TRAFFIC:

IL RTE 173 - SAME AS STAGE 1A, EXCEPT THAT AT INTERSECTION WITH RAMP A AND IL RTE 173 MOT IS SHIFTED.

CONSTRUCTION:

IL RTE 173 - SAME AS STAGE 1A, EXCEPT THAT AT INTERSECTION WITH RAMP A AND IL RTE 173 WORK IS DONE AT THE INTERSECTION BUILT TEMPORARY PAVEMENT CLOSE TO THE RAMP B INTERSECTION WITH IL RTE 173 FOR MOT 2A

IL RTE 173 STAGE 2A

MOT TRAFFIC:

IL RTE 173 - LANES ARE SHIFTED TO THE PROPOSED EASTBOUND LANES, ONE MOT LANE OPEN IN EACH DIRECTION

CONSTRUCTION:

IL RTE 173 - WORKZONE IS TO THE LEFT OF THE CENTERLINE. CONSTRUCTING HALF MEDIAN, LANES, SHOULDER AND GRADING FOR FUTURE BIKEPATH

IL RTE 173 STAGE 3

MOT TRAFFIC:

IL RTE 173 - LANES ARE SHIFTED TO NORMAL CONDITIONS. MOST OF THE FINAL PAVEMENT MARKINGS ARE INSTALLED, EXCEPT AS SHOWN IN STAGE 3 ONE EB LANE IS OPEN AT THE INTERSECTION OF RAMP B WITH IL RTE 173

CONSTRUCTION:

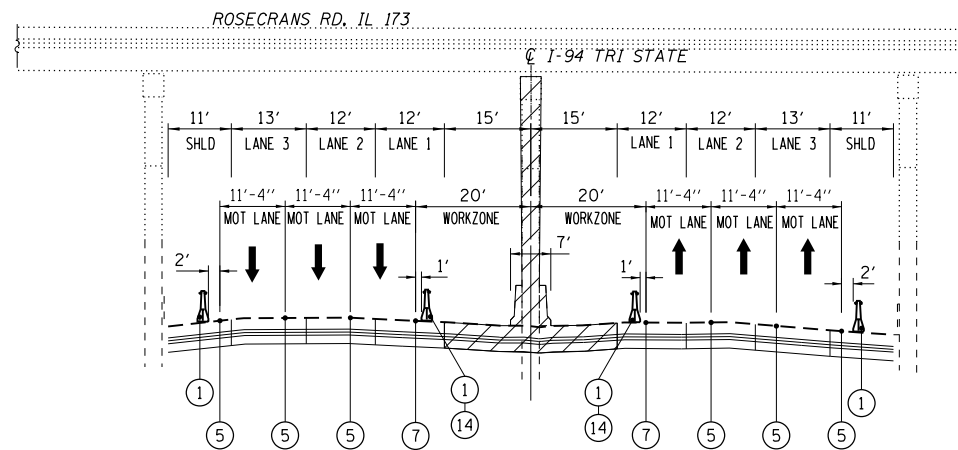
IL RTE 173 - ANY MEDIAN WORK NEEDED, REMOVING THE TEMPORARY PAVEMENT BETWEEN STA 2048+96 TO STA 2055+48; INSTALL GUTTER OUTLET AND CURB AND GUTTER

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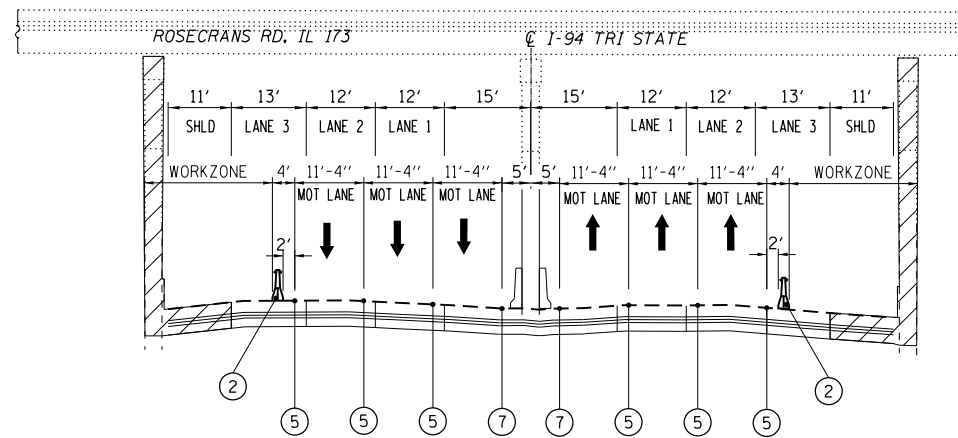
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I 94 UNDER IL RTE 173 DURING IL 173 BRIDGE CONSTRUCTION  
STAGES 1A, 1B, 2A AND 2B

LOOKING IN  
INCREASING STATION  
STA 3989+50.0 TO STA 4000+00

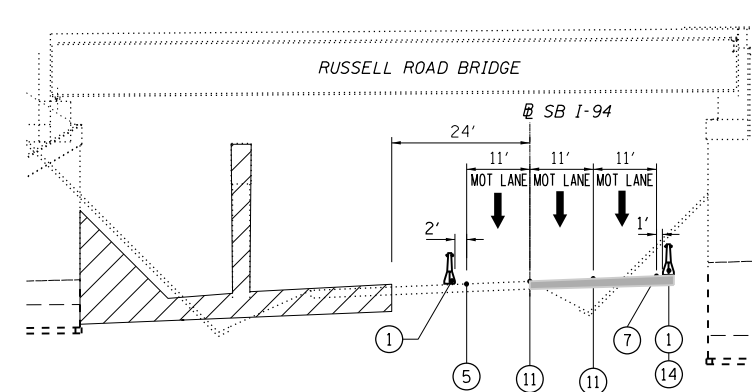


I 94 UNDER IL RTE 173 FOLLOWING IL 173 BRIDGE CONSTRUCTION

STAGE 3\*

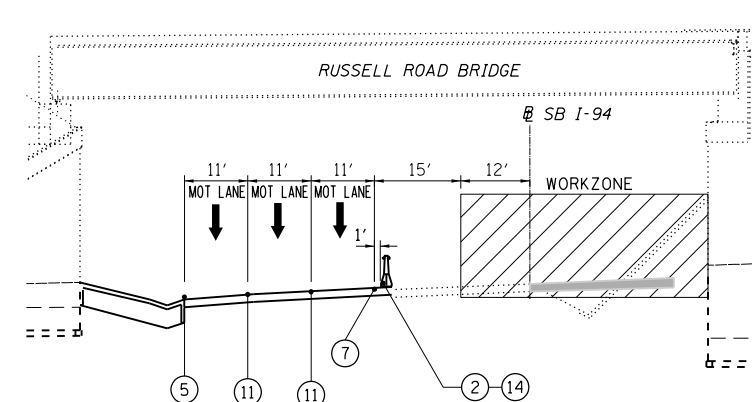
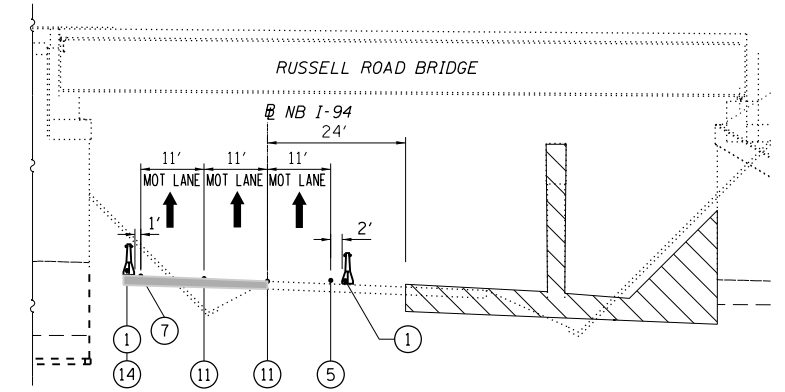
LOOKING IN  
INCREASING STATION  
STA 3989+50.0 TO STA 4000+00

\* SHOWN AS STAGE 3, BUT COULD BE IMPLEMENTED EARLIER  
DEPENDENT ON COMPLETENESS OF IL RTE 173 BRIDGE CONSTRUCTION



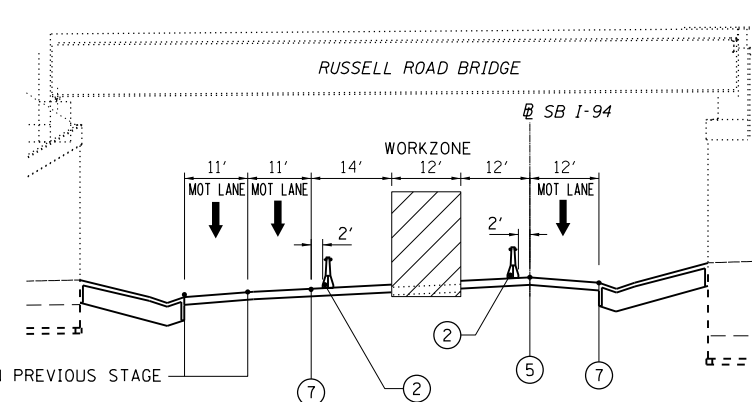
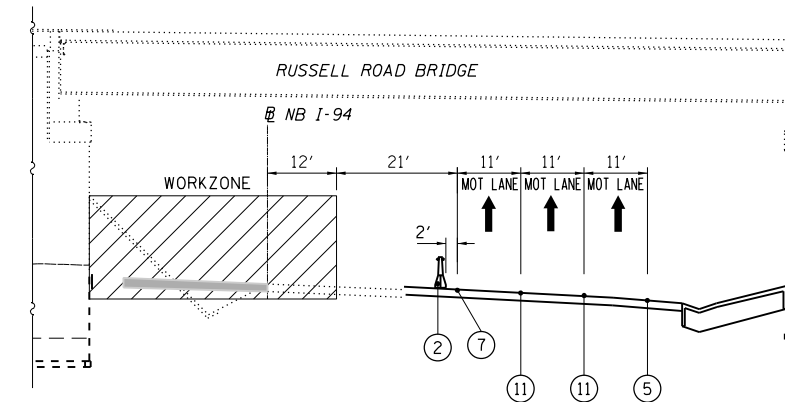
I 94 UNDER RUSSELL ROAD BRIDGES-STAGES 1A AND 1B

LOOKING IN INCREASING STATION



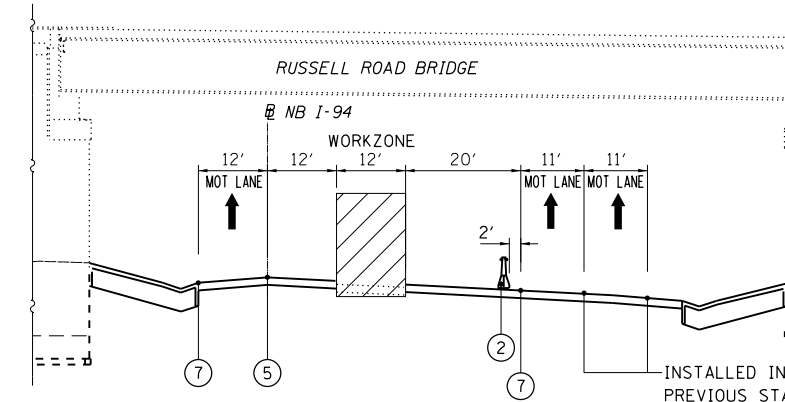
I 94 UNDER RUSSELL ROAD BRIDGES-STAGES 2A AND 2B

LOOKING IN INCREASING STATION



I 94 UNDER RUSSELL ROAD BRIDGES-STAGE 3

LOOKING IN INCREASING STATION



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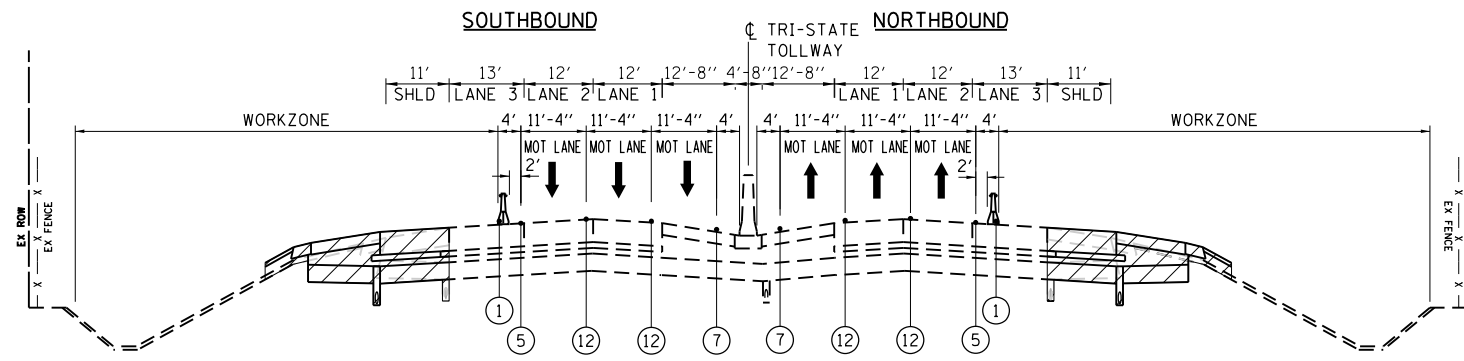
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

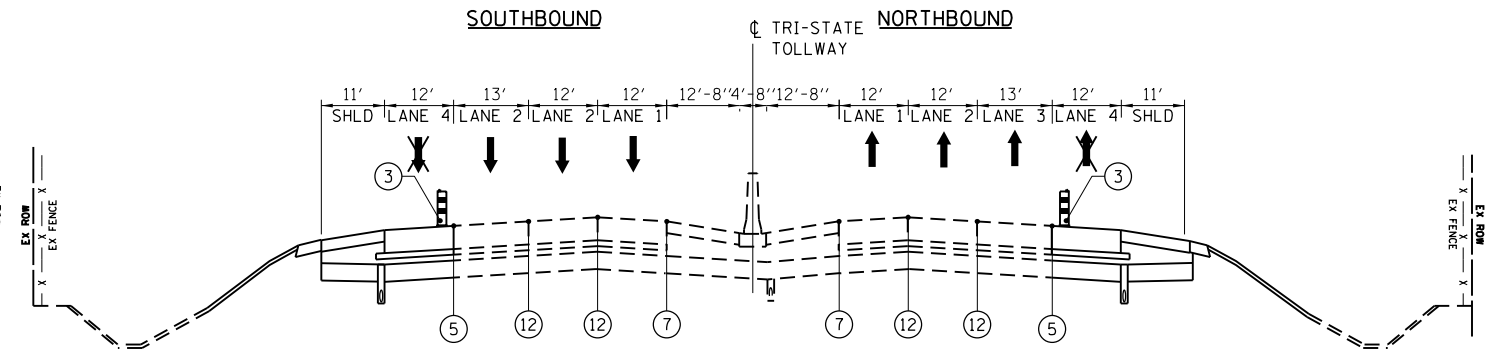
MAINTENANCE OF TRAFFIC TYPICALS  
SB AND NB I-94  
SCALE: NA SHEET NO. 1 OF 7 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	99
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

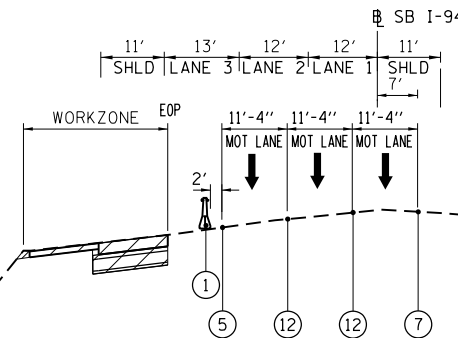
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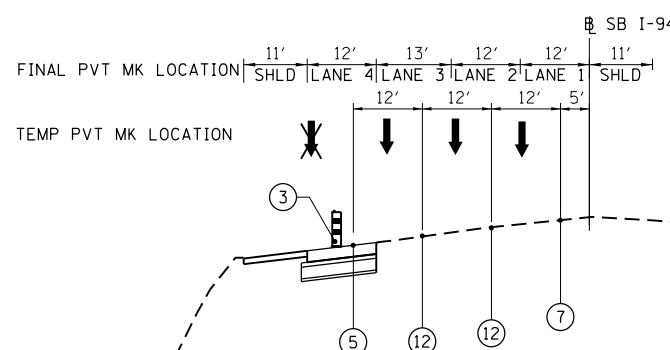
NB I 94 STAGES 1A AND 1B  
STATION 3978+00.0 TO STA 3989+50.0  
STA 4000+00 TO STA 4052+61.5  
LOOKING IN INCREASING STATION



NB I 94 STAGES 2A AND 2B  
STATION 4042+95.08 TO STA 4052+61.5  
LOOKING IN INCREASING STATION



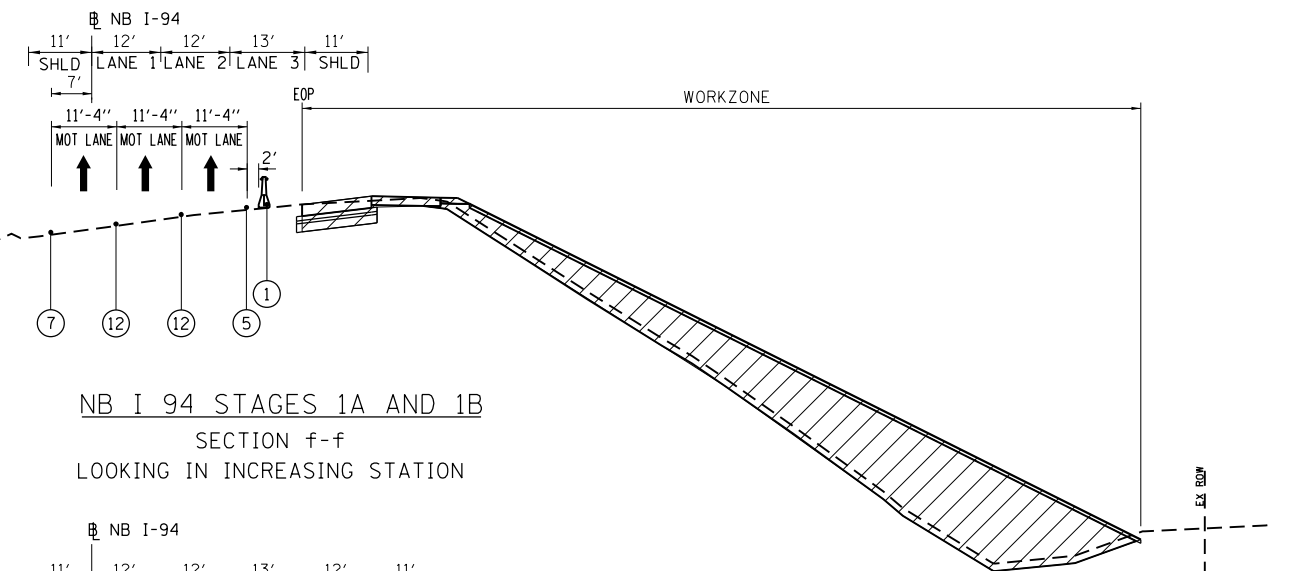
SB I 94 STAGES 1A AND 1B  
SECTION e-e  
LOOKING IN INCREASING STATION



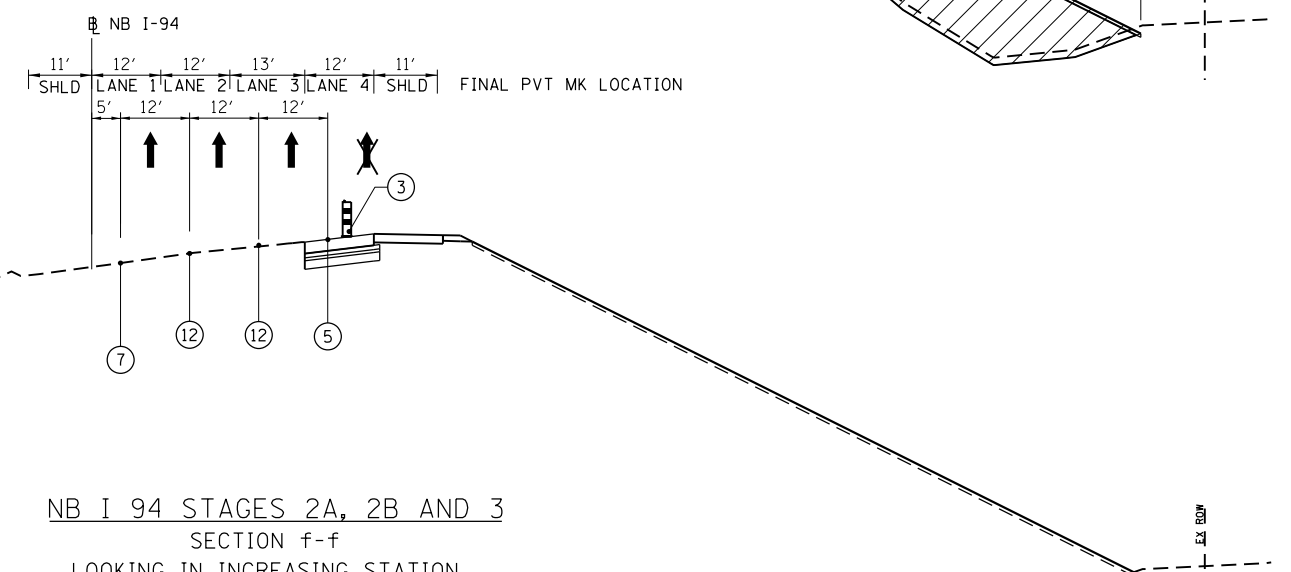
SB I 94 STAGES 2A, 2B AND 3  
SECTION e-e  
LOOKING IN INCREASING STATION

**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



NB I 94 STAGES 1A AND 1B  
SECTION f-f  
LOOKING IN INCREASING STATION



NB I 94 STAGES 2A, 2B AND 3  
SECTION f-f  
LOOKING IN INCREASING STATION

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		DRAWN - RA	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 6/28/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICALS			
SB AND NB I-94			
SCALE: NA	SHEET NO. 2 OF 7 SHEETS	STA. NA	TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	100
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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