

* 554+2=556 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	1
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	*(L-2[W,R];6,6A & 6 EXT) WRS-1			

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

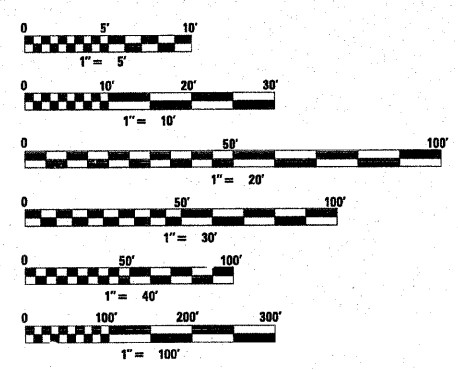
**F.A.P. ROUTE 866 (IL RTE 83)
WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
SECTION (L-2[W,R];6,6A & 6 EXT) WRS-1
WIDENING, RESURFACING, INTERSECTION IMPROVEMENTS
TRAFFIC SIGNALS AND DRAINAGE
PROJECT NO. *ESP-0866(007)*
LAKE COUNTY
C-91-081-04**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA
EXISTING ADT
8,900 TO 14,600
PROPOSED ADT (2010)
10,000 TO 17,000
SPEED LIMIT 20 TO 50 MPH

DESIGN DESIGNATION
1900 (21) ARTERIAL 3.01 (FD 20)

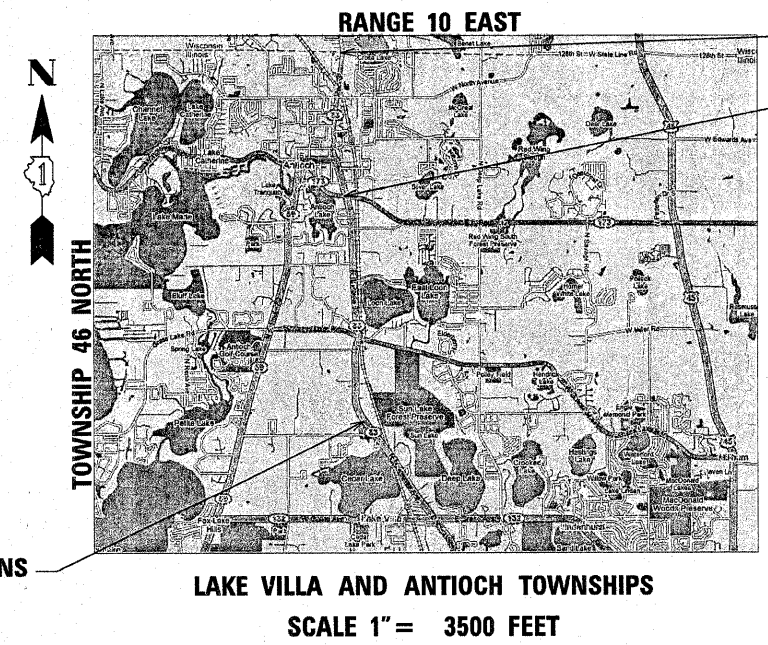
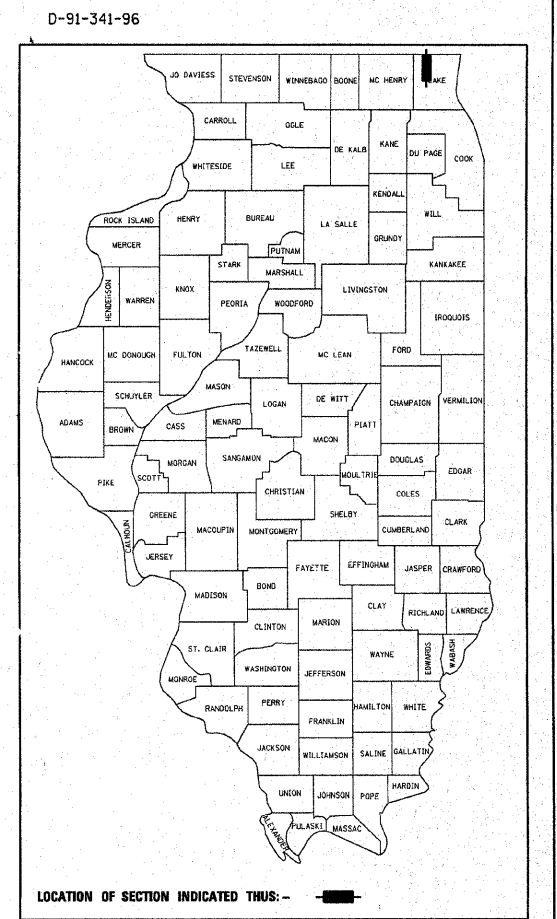
**PROJECT LOCATED IN THE VILLAGES
OF ANTIOCH AND LAKE VILLA**



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

**PROJECT MANAGER: LONG TRAN (847) 705-4232
CONTRACT NO. 62700**



PROJECT BEGINS
STA 191+85

PROJECT ENDS
STA 493+17

STATION EQUATION
STA 338+11 BK =
STA 400+84 AH

Ronald J. Schweninger
01-30-09
EXP. 11-30-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 2, 2009

Dennis M. O'Keefe DE
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 2009
Charles J. Ingersoll RD
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2009
Christine M. Reed RD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY OF
THE STATE OF ILLINOIS**

GROSS AND NET LENGTH OF PROJECT: 23,283 FT (4.410 MI)

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
ENGINEERS & SCIENTISTS
8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	2
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2[W,R];6,6A & 6 EXT) WRS-1

HIGHWAY STANDARDS

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548-554	CROSS SECTIONS - NORTH AVENUE

DISTRICT ONE STANDARDS LIST

STD NO.	DESCRIPTION
BD01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE ≥ 15'
BD02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE < 15'
BD03	OUTLET FOR CONCRETE CURB AND GUTTER
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD12	MANHOLE WITH RESTRICTOR PLATE
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD32	BUTT JOINTS AND HMA TAPER
BD34	STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TBT TY 1 SPL
BD37	MANHOLE TYPE A, 7' DIAMETER
BD51	BENCHING CONSTRUCTION DETAIL
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC22	ARTERIAL ROAD INFORMATION SIGNING
TC23	SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS

STD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCING BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAIL BOX TURNOUT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTIONS
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
542406-01	METAL END SECTION FOR PIPE ARCHES
542546-01	FLUSH INLET BOX FOR MEDIAN
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 6' DIAMETER
602411-01	MANHOLE, TYPE A, 7' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT TOP SLAB
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604046-02	FRAME AND GRATE, TYPE 10
604056-03	FRAME AND GRATE, TYPE 11V
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24
606201-02	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-01	CHAIN LINK FENCE
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	HANDHOLES
814005-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-01	STEEL MAST ARM ASSEMBLY AND POLE 16' THRU 55'
878001-07	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTING DETAILS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
NAME	DATE	
		INDEX OF DRAWINGS & HIGHWAY STANDARDS
DATE: 1/30/09		DRAWN BY: EUB CHECKED BY: MW



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	4
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2LW.R);6,6A & 6 EXT) WRS-1

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN	
			100% FED. TOTAL QUANTITY	1000-2A QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	UNIT	2,244	2,244
20100210	TREE REMOVAL (OVER 15 UNIT DIAMETER)	UNIT	5,914	5,914
20101000	TEMPORARY FENCE	FOOT	2,433	2,433
20101100	TREE TRUNK PROTECTION	EACH	196	196
20101200	TREE ROOT PRUNING	EACH	79	79
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	56	56
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	140	140
20200100	EARTH EXCAVATION	CU YD	34,039	34,039
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	31,512	31,512
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	16	16
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	3,968	3,968
20800150	TRENCH BACKFILL	CU YD	4,574	4,574
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	68,594	68,594
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	30,139	30,139
25000210	SEEDING, CLASS 2A	ACRE	9.0	9.0
25000312	SEEDING, CLASS 4A	ACRE	6.3	6.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,697	1,697
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,697	1,697
25100630	EROSION CONTROL BLANKET	SQ YD	42,759	42,759
25200110	SODDING, SALT TOLERANT	SQ YD	25,835	25,835
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8,160	8,160
28000300	TEMPORARY DITCH CHECKS	EACH	89	89
28000400	PERIMETER EROSION BARRIER	FOOT	47,650	47,650
28000510	INLET FILTERS	EACH	280	280
28001000	AGGREGATE (EROSION CONTROL)	TON	687	687
28100105	STONE RIPRAP, CLASS A3	SQ YD	144	144
28100109	STONE RIPRAP, CLASS A5	SQ YD	27	27
28100111	STONE RIPRAP, CLASS A6	SQ YD	15	15
28200200	FILTER FABRIC	SQ YD	1,875	1,875
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	4,972	4,972
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	8,090	8,090
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	4,679	4,679
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	60	60
40600300	AGGREGATE (PRIME COAT)	TON	289	289
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	87	87

• DENOTES SPECIALTY ITEM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 1 OF 10 DATE: 1/30/09 DRAWN BY: GP CHECKED BY: MW
NAME	DATE	



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	5
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2LW,R);6,6A & 6 EXT) WRS-1

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN 100% FED.	
			TOTAL QUANTITY	1000-2A QUANTITY
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	6,854	6,854
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,409	2,409
40601005	HOT-MIX REPLACEMENT OVER PATCHES	TON	1,200	1,200
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	14,024	14,024
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,511	1,511
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	10,407	10,407
40701941	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"	SQ YD	25,914	25,914
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	194	194
42001300	PROTECTIVE COAT	SQ YD	18,422	18,422
42300500	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH	SQ YD	49	49
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	58,980	58,980
42400800	DETECTABLE WARNINGS	SQ FT	288	288
44000100	PAVEMENT REMOVAL	SQ YD	5,556	5,556
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	87,008	87,008
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	15,575	15,575
44000300	CURB REMOVAL	FOOT	7,554	7,554
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10,671	10,671
44000600	SIDEWALK REMOVAL	SQ FT	53,726	53,726
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	5,300	5,300
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,364	2,364
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	150	150
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	900	900
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	850	850
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	2,750	2,750
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	93,856	93,856
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	11,220	11,220
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	89	89
48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	7,532	7,532
50104400	CONCRETE HEADWALL REMOVAL	EACH	9	9
50104600	CONCRETE RETAINING WALL REMOVAL	FOOT	349	349
50105220	PIPE CULVERT REMOVAL	FOOT	1,844	1,844
50200100	STRUCTURE EXCAVATION	CU YD	85	85
50300225	CONCRETE STRUCTURES	CU YD	100	100
50500505	STUD SHEAR CONNECTORS	EACH	393	393
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9,560	9,560
50901750	PARAPET RAILING	FOOT	277	277
542A5479	PIPE CULVERTS, CLASS A, TYPE 1, EQUIVALENT ROUND-SIZE 24"	FOOT	259	259
542A5485	PIPE CULVERTS, CLASS A, TYPE 1, EQUIVALENT ROUND-SIZE 30"	FOOT	591	591

• DENOTES SPECIALTY ITEM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 2 OF 10 DATE: 1/30/09 DRAWN BY: GP CHECKED BY: MW
NAME	DATE	



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	6
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2LW,R);6,6A & 6 EXT) WRS-1

SUMMARY OF QUANTITIES

URBAN

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY <i>100% FED.</i>	1000-2A QUANTITY	
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	463	463	
542A5497	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	31	31	
542A5503	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	90	90	
542A8245	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 60"	FOOT	77	77	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	12	12	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	8	8	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2	
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	1	1	
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	7	7	
54214527	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 42"	EACH	2	2	
54214533	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	6	6	
54214545	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 60"	EACH	2	2	
54215550	METAL END SECTIONS 15"	EACH	44	44	
54215793	METAL END SECTIONS, EQUIVALENT ROUND - SIZE 48"	EACH	1	1	
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	13	13	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	8	8	
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	2	2	
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1	
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	2	2	
54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 24"	EACH	1	1	
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	7	7	
54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	2	2	
54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48"	EACH	6	6	
54248200	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 60"	EACH	2	2	
54248510	CONCRETE COLLAR	CU YD	14	14	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	788	788	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	5,242	5,242	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,609	1,609	

• DENOTED SPECIALTY ITEM

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 3 OF 10 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS
NAME	DATE	



F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	7
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2LW,R);6,6A & 6 EXT) WRS-1				

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN	
			100% FED. TOTAL QUANTITY	1000-2A QUANTITY
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	768	768
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	697	697
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	816	816
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	639	639
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	608	608
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	8	8
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,046	2,046
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	870	870
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,205	1,205
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	177	177
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,390	1,390
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	214	214
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	371	371
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	539	539
55100200	STORM SEWER REMOVAL 6"	FOOT	116	116
55100300	STORM SEWER REMOVAL 8"	FOOT	368	368
55100400	STORM SEWER REMOVAL 10"	FOOT	408	408
55100500	STORM SEWER REMOVAL 12"	FOOT	1,672	1672
55100700	STORM SEWER REMOVAL 15"	FOOT	770	770
55100900	STORM SEWER REMOVAL 18"	FOOT	443	443
55101200	STORM SEWER REMOVAL 24"	FOOT	164	164
56106300	ADJUSTING WATER MAIN 6"	FOOT	207	207
56106400	ADJUSTING WATER MAIN 8"	FOOT	28	28
56106600	ADJUSTING WATER MAIN 12"	FOOT	112	112
56109300	WATER VALVES TO BE MOVED	EACH	5	5
56400100	FIRE HYDRANTS TO BE MOVED	EACH	35	35
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	47	47
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	63	63
60107600	PIPE UNDERDRAINS 4"	FOOT	2,402	2,402
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	274	274
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	11	11
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	156	156
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3
60204705	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1

• DENOTES SPECIALTY ITEM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 4 OF 10 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS
NAME	DATE	

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	9
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (L-2LW.R) 6.6A & 6 EXT) WRS-1


SUMMARY OF QUANTITIES

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN	
			100% FED. TOTAL QUANTITY	1000-2A QUANTITY
60624600	CORRUGATED MEDIAN	SQ FT	125	125
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1,013	1,013
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	17	17
63200310	GUARDRAIL REMOVAL	FOOT	202	202
66400105	CHAIN LINK FENCE, 4'	FOOT	134	134
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,200	1,200
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7
* 66901000	BACKFILL PLUGS	CU YD	15	15
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	273	273
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	323	323
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8,291	8,291
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	104	104
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	251	251
70300520	PAVEMENT MARKING TAPE, TYPE III - 4"	FOOT	10,824	10,824
70300570	PAVEMENT MARKING TAPE, TYPE III - 24"	FOOT	58	58
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,954	3,954
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,209	3,209
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	84,067	84,067
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	2,216	2,216
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,785	8,785
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	158	158

* DENOTES SPECIALTY ITEM

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 6 OF 10 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09
NAME	DATE	

 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	10
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2EW,R)6.6A & 6 EXT) WRS-1

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN	
			100% FED. TOTAL QUANTITY	1000-2A QUANTITY
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4,428	4,428
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,400	1,400
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,318	1,318
* 78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	63	63
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	32	32
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	3	3
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	17	17
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	35,280	35,280
Z0012450	CONCRETE STEPS	CU YD	8	8
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0022800	FENCE REMOVAL	FOOT	13	13
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
XX003313	REMOVE AND REINSTALL BRICK PAVER	SQ FT	307	307
X0300057	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	8	8
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,046	1,046
X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	102	102
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	82	82
X0322090	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	73	73
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	130	130
X0322127	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	23	23
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	3,967	3,967
X0712400	TEMPORARY PAVEMENT	SQ YD	905	905
X4421000	PARTIAL DEPTH PATCHING	TON	56	56
X4422025	PARTIAL DEPTH REMOVAL 2"	SQ YD	498	498
X5121800	PERMANENT STEEL SHEET PILING	SQ FT	4,868	4,868
X6062100	STABILIZED MEDIAN SURFACE 12"	SQ YD	314	314
X0326488	STORMWATER TREATMENT UNIT VS50	EACH	2	2
X0326489	STORMWATER TREATMENT UNIT VSHS 84	EACH	1	1
① Z007600	TRAINERS	HOUR	2,500	2,500

• DENOTES SPECIALTY ITEM

① Y080

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 7 OF 10 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS
NAME	DATE	



F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	11
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2EW.R)6.6A & 6 EXT) WRS-1

URBAN
100% FED

CODED PAY NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000-2A QUANTITY
* A2000120	TREE, ACER X FREEMANI I AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	21	21
* A2000320	TREE, ACER MIYABE MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10
* A2002370	TREE, BETULA NIGRA (RIVER BIRCH), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	16
* A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON LOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	16
* A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON LOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15	15
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10
* A2007720	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11
* B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	25	25
* B2001666	TREE, CRATAEGUS CRUSSGALLI INERIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	33	33
* B203368	TREE, MALUS DONALD WYMAN (DONALD WYMAN CRABAPPLE), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	11	11
* B2004116	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12
* B2004516	TREE, MALUS RED JEWEL (RED JEWEL CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	9	9
* B2005416	TREE, PRUNUS VIRGINIANA SCHUBERT (SCHUBERT CHOKECHERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	15	15
* B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	26	26
* C2000524	SHRUB, ARONIA MELANOCARPA (BLACK CHOKECHERRY), 2' HEIGHT, BALLED AND BURLAPPED	EACH	175	175
* C2001524	SHRUB, CORNUS RACEMOSA (GREY DOGWOOD), 2' HEIGHT, BALLED AND BURLAPPED	EACH	155	155
* C2005824	SHRUB, RHUS AROMATICA (GRO-LOW GRO-LOW FRAGRANT SUMAC), 2' WIDTH, BALLED AND BURLAPPED	EACH	120	120
* C2011024	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	150	150
* C2011724	SHRUB, VIBURNUM DENTATUM (ARROWWOOD VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	175	175
* D2002172	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	12	12
* K0029622	BROADLEAF WEED CONTROL IN TURF	GALLON	8	8
* K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1
* X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	136	136

* Specialty Items


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 8 OF 10 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS
NAME	DATE	

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	12
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R)6,6A & 6 EXT) WRS-1

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN 100% FED.	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F		
					ILL RTE 83 AND GRASS LAKE ROAD	ILL RTE 83 AND ILL ROUTE 173	ILL RTE 83 AND LAKE STREET	ILL RTE 83 AND ORCHARD STREET	ILL RTE 83 AND NORTH AVE	ILL RTE 83 INTERCONNECT					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	82.5		18		21.5		24.5		-		18.5		-
* 72000200	SIGN PANEL - TYPE 2	SQ FT	87.5		25		25		12.5		-		25		-
* X814-0074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	5		-		-		-		5		-		-
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	6208		480		1046		607		-		643		3432
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	494		166		104		140		-		84		-
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	466		222		86		69		-		89		-
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	2318		86		309		219		111		311		1282
					-		-		-		-		-		-
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1134		403		339		137		-		255		-
* 81400100	HANDHOLE	EACH	37		8		8		5		1		7		8
* 81400200	HEAVY-DUTY HANDHOLE	EACH	17		4		4		3		1		4		1
* 81400300	DOUBLE HANDHOLE	EACH	4		1		1		1		-		1		-
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7100		863		1178		816		-		811		3432
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		-		-		-		1		-		-
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3		1		-		1		-		1		-
* 85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1		-		1		-		-		-		-
* 86000100	MASTER CONTROLLER	EACH	1		-		-		-		-		-		1
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	4		-		1		1		1		1		-
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3298		-		1296		1148		-		854		-
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4805		1382		1149		1589		-		685		-
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5421		1884		1037		1667		-		833		-
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6291		2679		1834		279		-		1499		-
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	10939		3064		2883		1188		1826		1978		-
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	390		49		79		183		-		79		-
* 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1		1		-		-		-		-		-
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2		1		-		1		-		-		-
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	11		3		4		1		-		3		-
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1		1		-		-		-		-		-
* 87700130	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	1		-		-		1		-		-		-
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		-		-		1		-		-		-
* 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		-		-		1		-		-		-
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2		2		-		-		-		-		-
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	5		2		-		-		-		3		-
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		-		1		-		-		-		-

* Specialty Items

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD	
		SUMMARY OF QUANTITIES	
		SHEET 9 OF 10	
		DATE: 1/30/09	DRAWN BY: GP CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS	

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	13
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN 100% FED.	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F	Y031-3D	Y031-1F
					ILL RTE 83 AND GRASS LAKE ROAD	ILL RTE 83 AND ILL ROUTE 173	ILL RTE 83 AND LAKE STREET	ILL RTE 83 AND ORCHARD STREET	ILL RTE 83 AND NORTH AVE	ILL RTE 83 INTERCONNECT			
* 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2	-	-	1	-	-	-	1	-	-	-
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	-	-	1	-	-	-	-	-	-	-
* 87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1	-	-	1	-	-	-	-	-	-	-
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	60	24	-	16	8	-	-	12	-	-	-
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16	4	-	4	4	-	-	4	-	-	-
* 87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	128	54	-	-	33.5	-	-	40.5	-	-	-
* 87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	69	-	-	56	-	-	-	13	-	-	-
* 87900200	DRILL EXISTING HANDHOLE	EACH	21	-	-	-	-	18	-	-	-	-	3
* 88030020	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	22	4	-	4	4	6	-	4	-	-	-
* 88030050	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	1	-	-	2	1	-	-	-	-	-
* 88030100	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	11	2	-	4	1	-	-	4	-	-	-
* 88030110	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	18	5	-	4	1	4	-	4	-	-	-
* 88030210	SIGNAL HEAD, L E D, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	-	-	-	1	-	-	-	-	-	-
* 88030240	SIGNAL HEAD, L E D, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	7	3	-	-	-	4	-	-	-	-	-
* 88102710	PEDESTRIAN SIGNAL HEAD, L E D, 1-FACE, BRACKET MOUNTED	EACH	10	-	-	4	4	-	-	2	-	-	-
* 88102740	PEDESTRIAN SIGNAL HEAD, L E D, 2-FACE, BRACKET MOUNTED	EACH	5	-	-	-	1	4	-	-	-	-	-
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	40	9	-	8	5	10	-	8	-	-	-
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	46	11	-	11	5	9	-	10	-	-	-
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4515	1052	-	1351	326	792	-	994	-	-	-
* 88700200	LIGHT DETECTOR	EACH	8	-	2	-	2	-	-	2	-	-	-
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4	-	1	-	1	-	-	1	-	-	-
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	11	-	-	4	5	-	-	2	-	-	-
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4	1	-	1	1	-	-	1	-	-	-
* 89100400	ILLUMINATED SIGN, L E D	EACH	4	4	-	-	-	-	-	-	-	-	-
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	1	-	1	1	1	-	1	-	-	-
* 89502380	REMOVE EXISTING HANDHOLE	EACH	38	6	-	15	7	1	-	9	-	-	-
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	40	9	-	11	8	-	-	12	-	-	-
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6981	-	-	-	-	-	-	-	-	-	6981
* X0323319	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	4	-	-	1	2	-	-	1	-	-	-
* X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4	1	-	1	1	-	-	1	-	-	-
* X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	5	1	-	1	1	1	-	1	-	-	-
* X8050015	SERVICE INSTALLATION-POLE MOUNTED	EACH	4	1	-	1	1	-	-	1	-	-	-
* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	7049	-	-	-	-	-	-	-	-	-	7049
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	3071.5	920	-	690	576.5	353	-	532	-	-	-
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1434	-	313	-	354	-	479	-	288	-	-
* XX002264	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	353	353	-	-	-	-	-	-	-	-	-

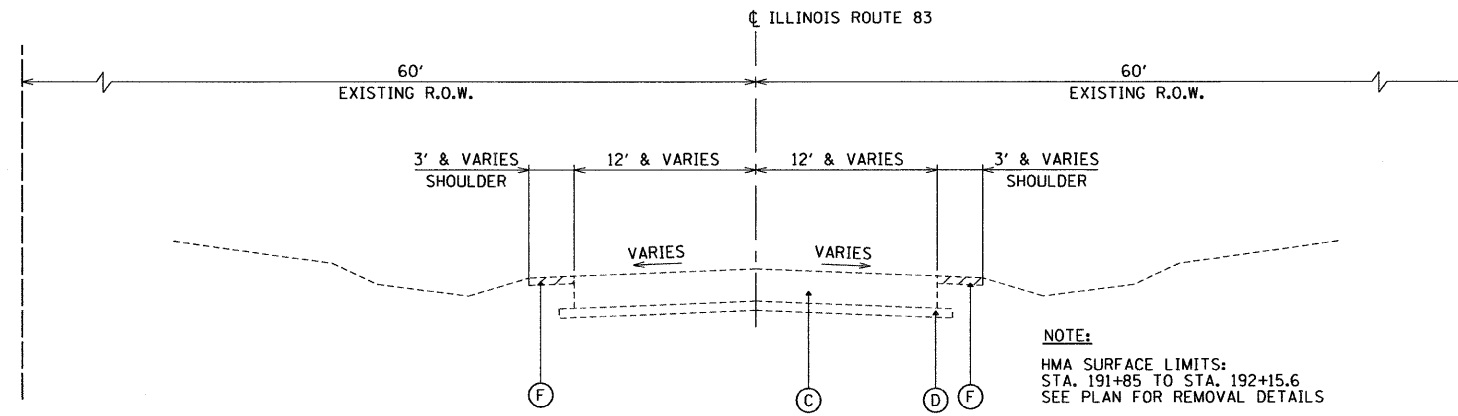
*specialty items

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUMMARY OF QUANTITIES SHEET 10 OF 10 DATE: 1/30/09 DRAWN BY: GP CHECKED BY: MW
NAME	DATE	

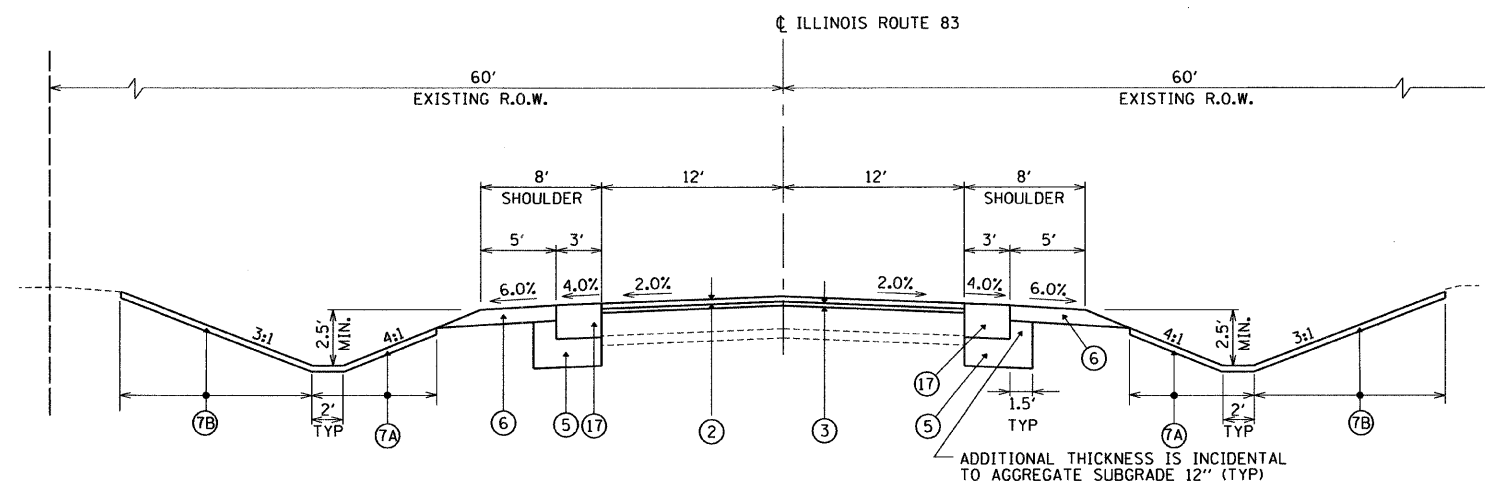


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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	14
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 191+85 TO STA. 194+64



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 191+85 TO STA. 194+64

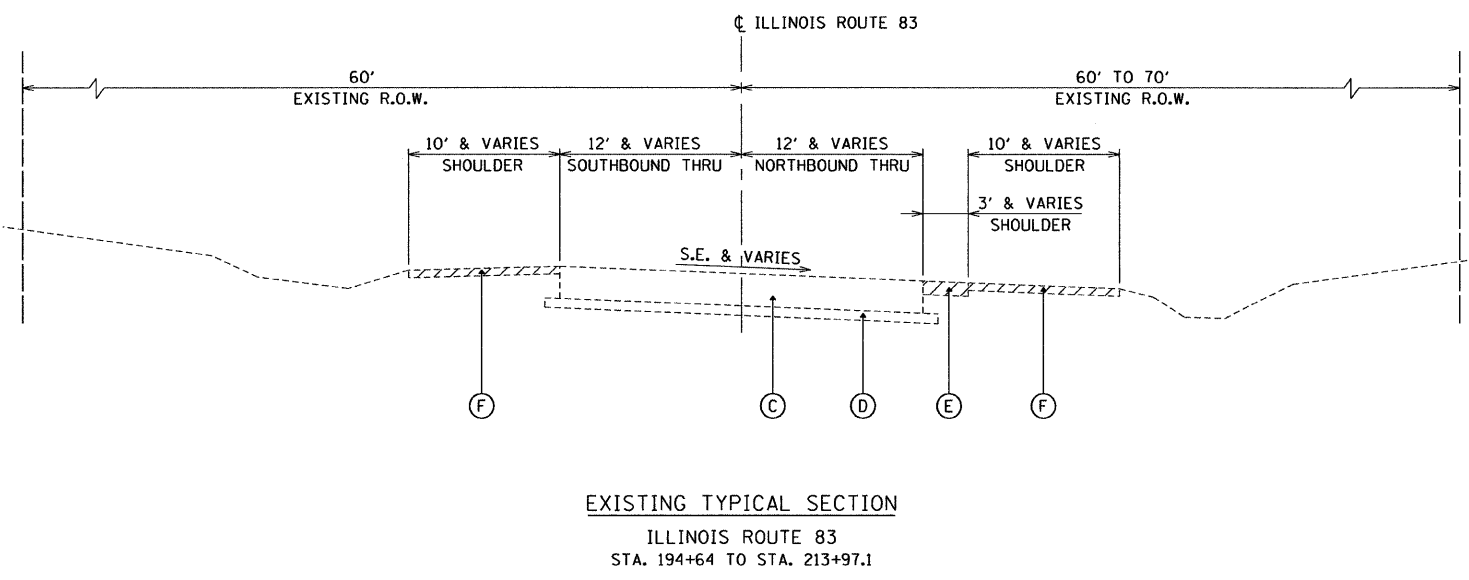
LEGEND:

- | | | |
|---|--|---|
| <p>EXISTING CONDITIONS:</p> <ul style="list-style-type: none"> (A) HMA SURFACE (VARIES 2-4") (B) HMA BASE COURSE (5-17 1/2") (C) P.C.C. PAVEMENT (VARIES 6-10") (D) AGGREGATE SUBBASE (4") (E) HMA SHOULDERS (DEPTH VARIES) (F) AGGREGATE SHOULDERS (DEPTH VARIES) (G) COMBINATION CONCRETE CURB AND GUTTER (H) GUARD RAIL (I) SIDEWALK (J) RETAINING WALL ☐ ITEM TO BE REMOVED | <p>PROPOSED IMPROVEMENTS:</p> <ul style="list-style-type: none"> ① HMA SURFACE REMOVAL, 2" ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2") ③ LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4" ④ HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13" ⑤ AGGREGATE SUBGRADE 12" ⑥ AGGREGATE SHOULDER, TYPE B 6" 7A - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS 7B - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A | <ul style="list-style-type: none"> ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 ⑩ CONCRETE CURB, TYPE B ⑪ CONCRETE GUTTER, TYPE B ⑫ STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH ⑭ CONCRETE ENCASED SHEET PILE RETAINING WALL ⑮ SEGMENTAL CONCRETE BLOCK WALL ⑯ STABILIZED MEDIAN SURFACE, 12" ⑰ HMA SHOULDER, 13" <p>NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION</p> |
|---|--|---|

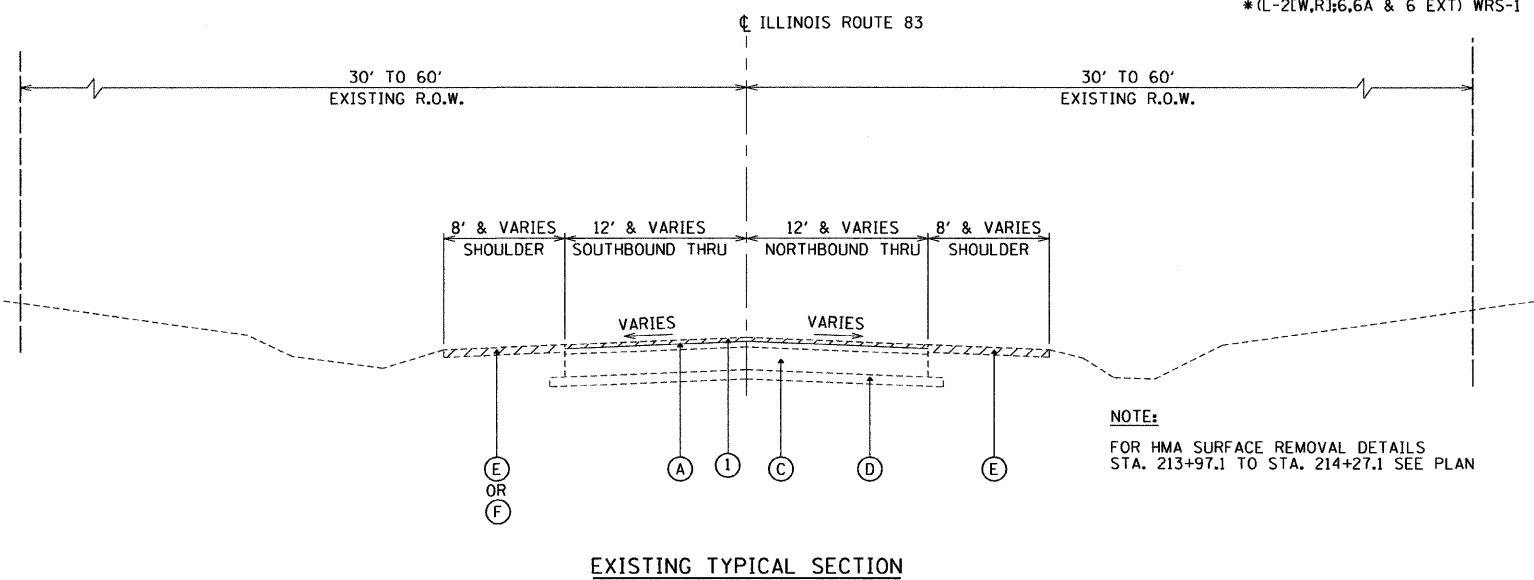
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 191+85 TO 194+64 DATE: 1/30/09 DRAWN BY: WS CHECKED BY: MW
NAME	DATE	

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	15
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			*(L-2[W,R];6,6A & 6 EXT) WRS-1	

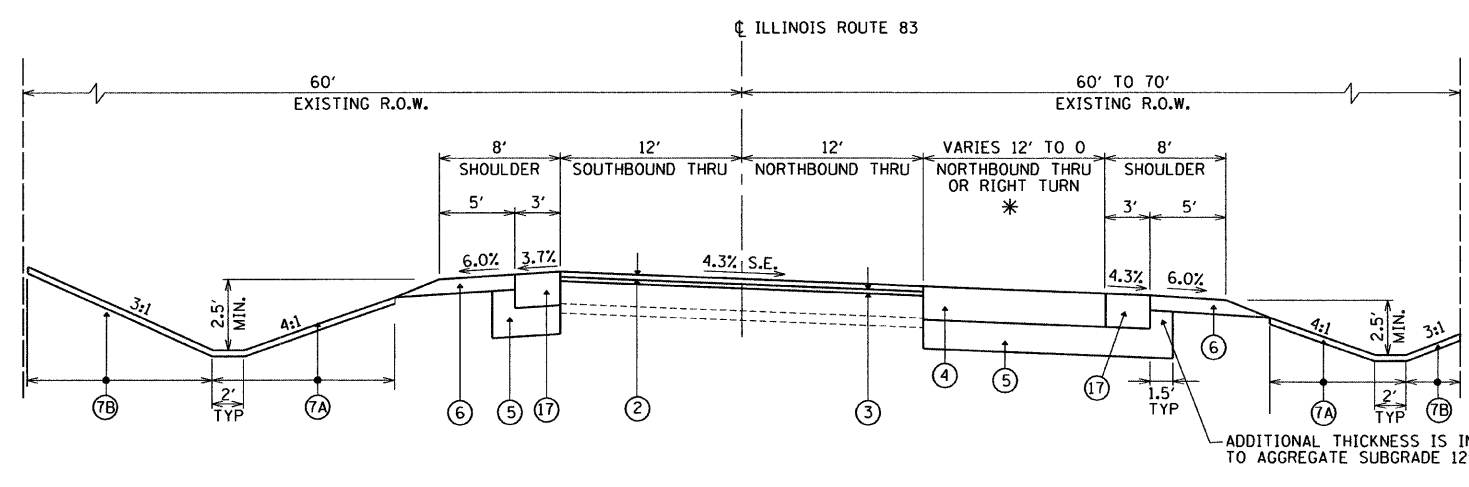


EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 194+64 TO STA. 213+97.1

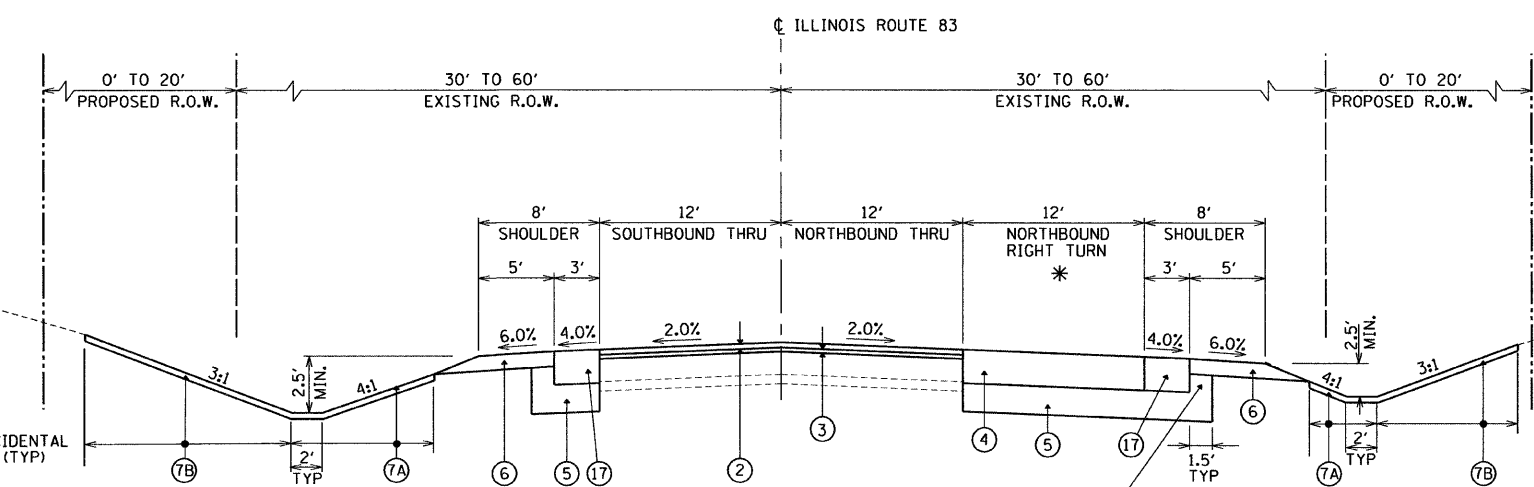


EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 213+97.1 TO STA. 233+67

NOTE:
FOR HMA SURFACE REMOVAL DETAILS
STA. 213+97.1 TO STA. 214+27.1 SEE PLAN



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 196+98 TO STA. 212+11



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 214+45 TO STA. 233+67

SUPERELEVATION TRANSITION
STA. 194+64 TO STA. 196+98
STA. 212+11 TO STA. 214+45

* - STA. 207+50 TO STA. 210+80

* - STA. 216+28 TO STA. 219+58

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☐ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1' TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A

- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

NOTES:

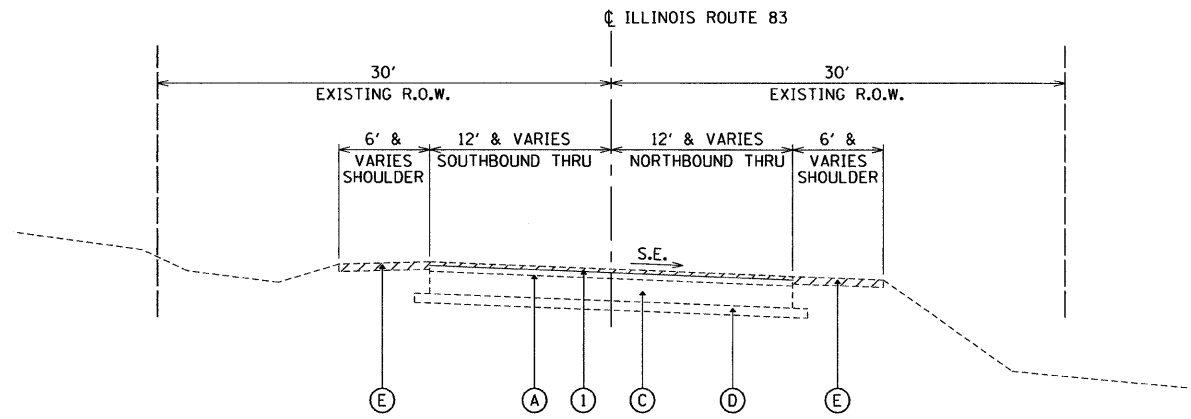
POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 215+00 TO STA. 218+00 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 194+64 TO 233+67
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: WS CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

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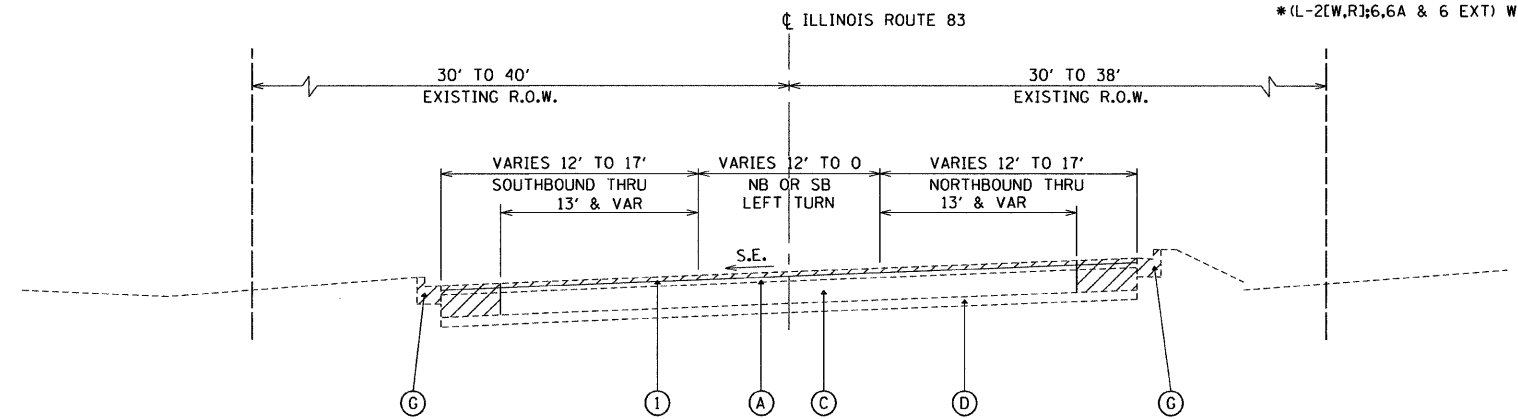
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	16
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2(E,W,R);6,6A & 6 EXT) WRS-1



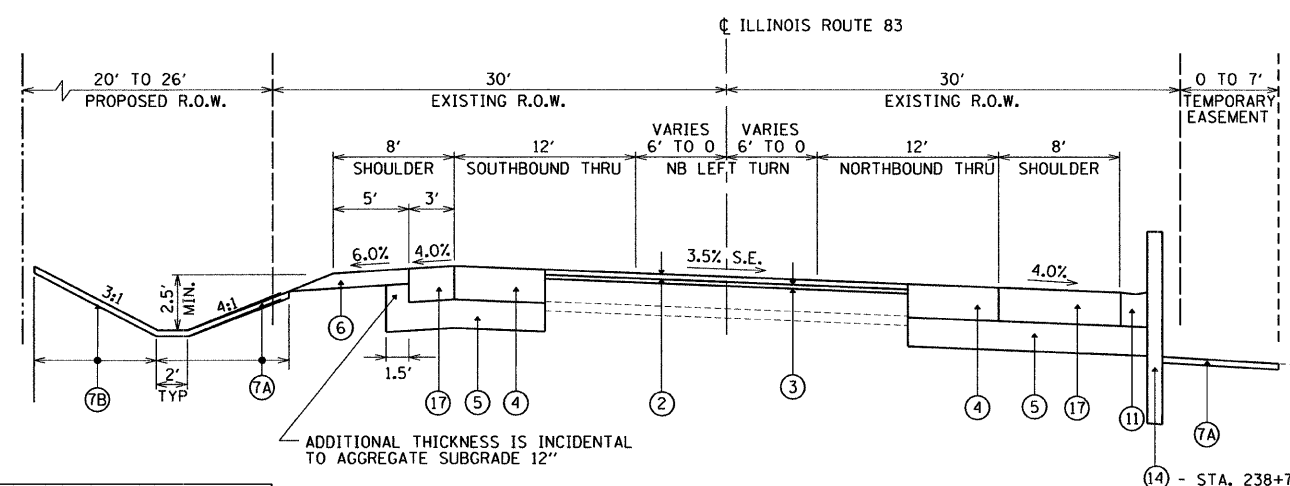
EXISTING TYPICAL SECTION

ILLINOIS ROUTE 83
STA. 233+67 TO STA. 241+50



EXISTING TYPICAL SECTION

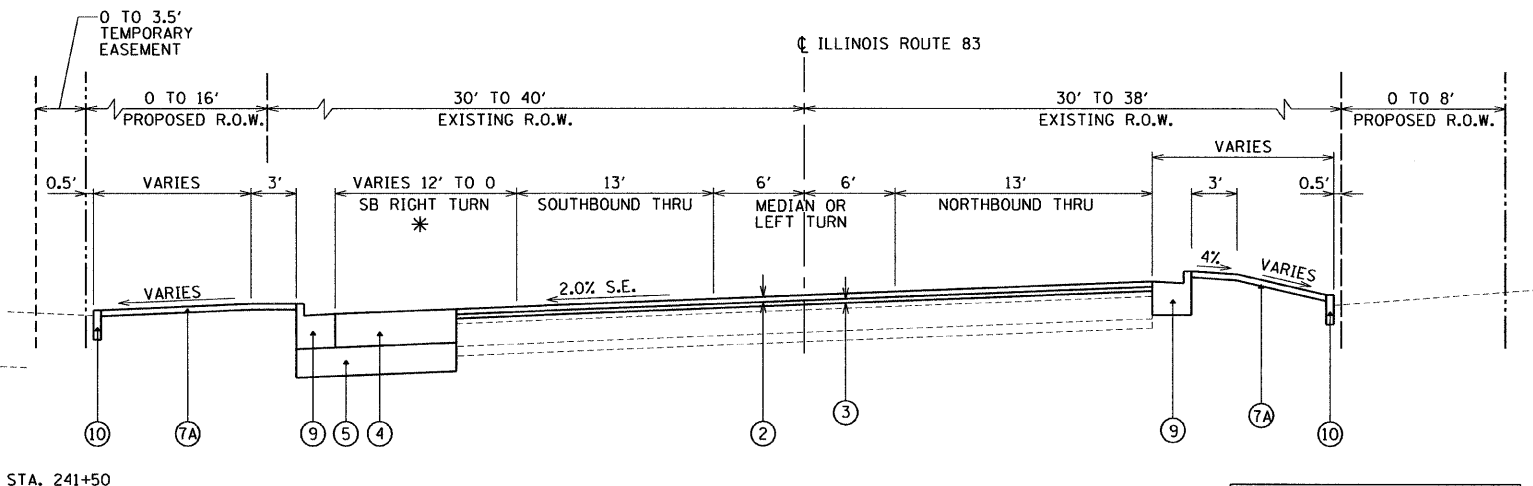
ILLINOIS ROUTE 83
STA. 241+50 TO STA. 253+22



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83
STA. 236+03 TO STA. 243+24

SUPERELEVATION TRANSITION
STA. 233+67 TO STA. 236+03
STA. 243+24 TO STA. 245+60



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83 @ GRASS LAKE ROAD
STA. 247+77 TO STA. 250+48

SUPERELEVATION TRANSITION
STA. 245+37 TO STA. 247+77
STA. 250+48 TO STA. 252+88

* - STA. 250+69.75 TO STA. 253+24.32

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2'-4")
- (B) HMA BASE COURSE (5'-17/2")
- (C) P.C.C. PAVEMENT (VARIES 6'-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☐ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 250+00 TO STA. 253+20 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

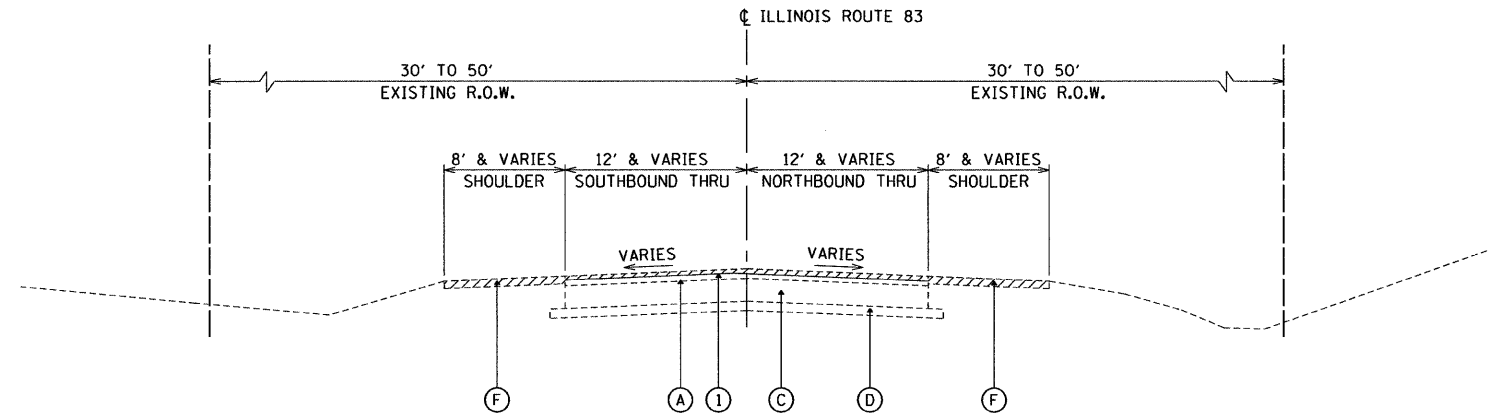
NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4", HMA BINDER COURSE IL 19.0, N70 SHALL BE USED. SEE SHEET 30 FOR CROSS SLOPE AND CENTERLINE PROFILE CORRECTION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 233+67 TO 252+88
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

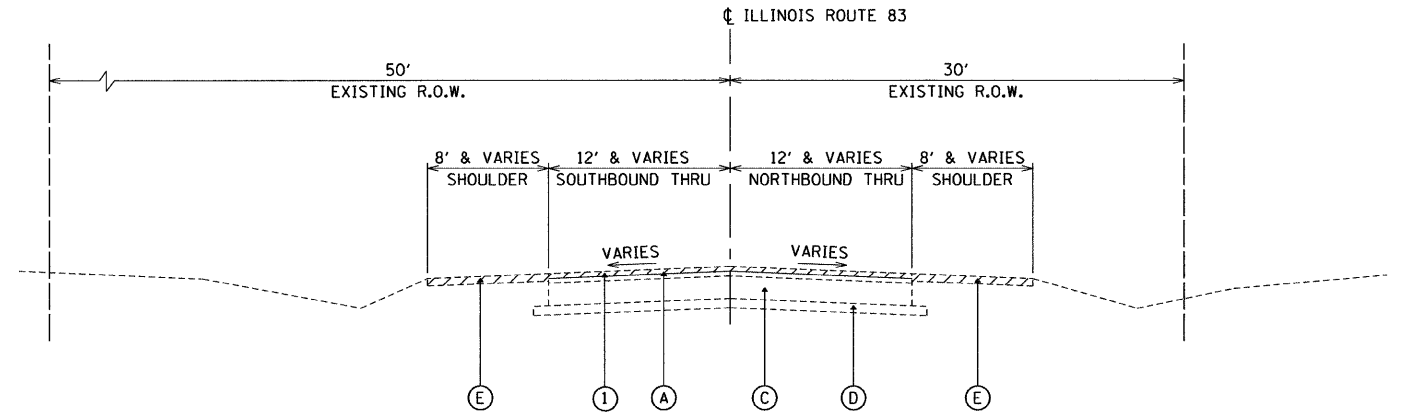
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	17
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

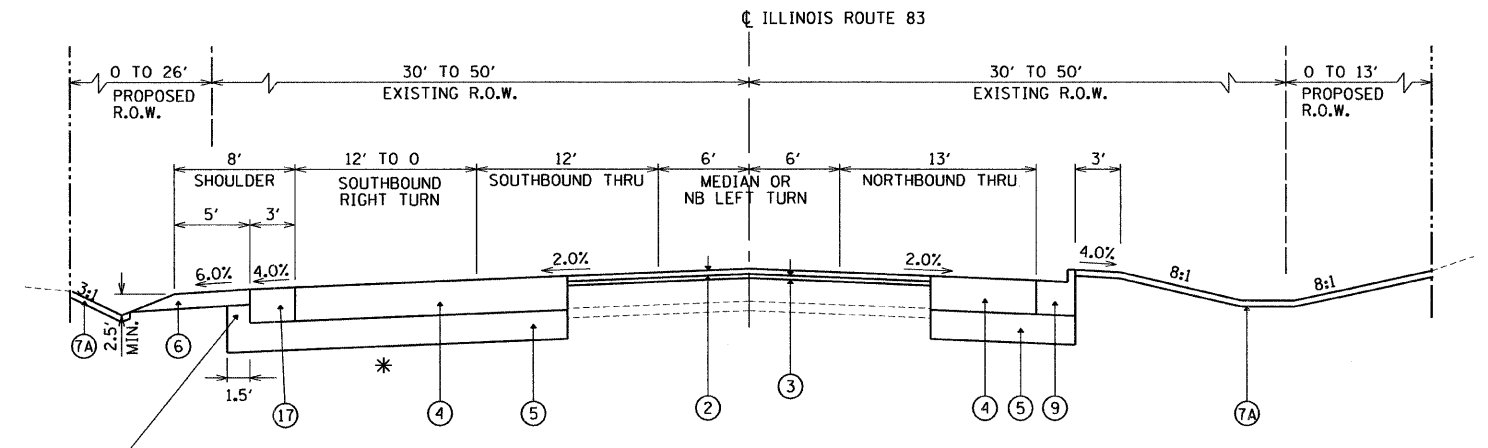
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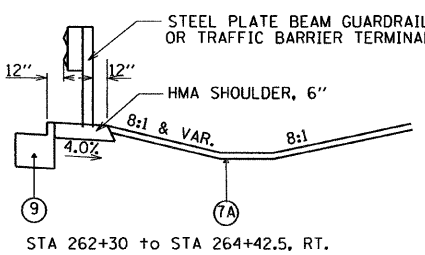
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 253+22 TO STA. 284+40



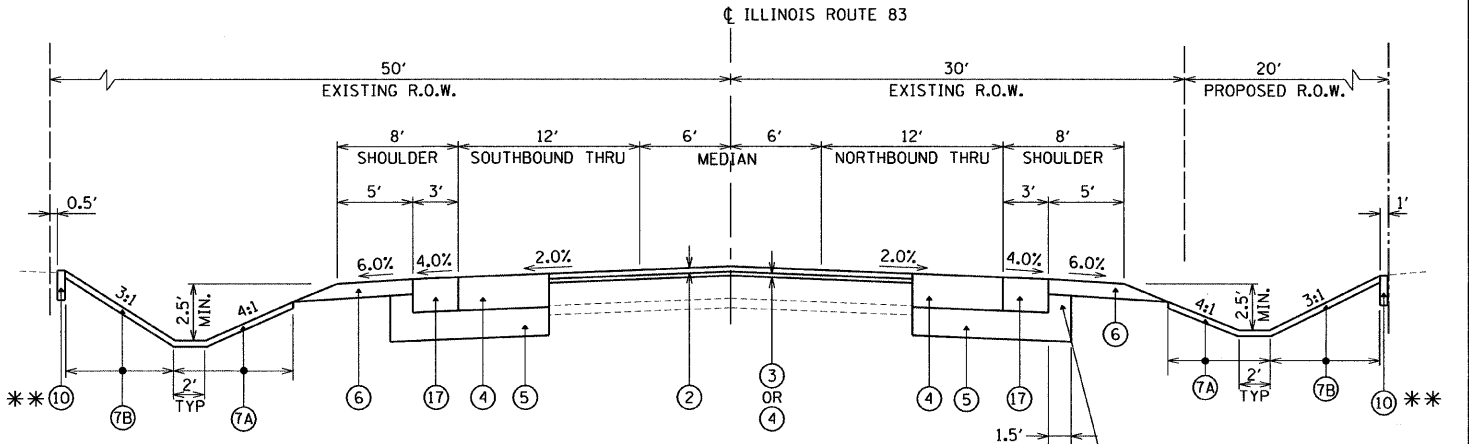
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 284+40 TO STA. 290+36



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 252+88 TO STA. 284+40
* - STA. 258+92.97 TO STA. 261+77



STA 262+30 to STA 264+42.5, RT.



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 284+40 TO STA. 290+36.2

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☐ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1' TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A

- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE 1L 19.0, N70 SHALL
BE USED, SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 253+20 TO STA. 257+00, STA. 259+00 TO STA. 262+00 AND STA. 270+00 TO STA. 286+00 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

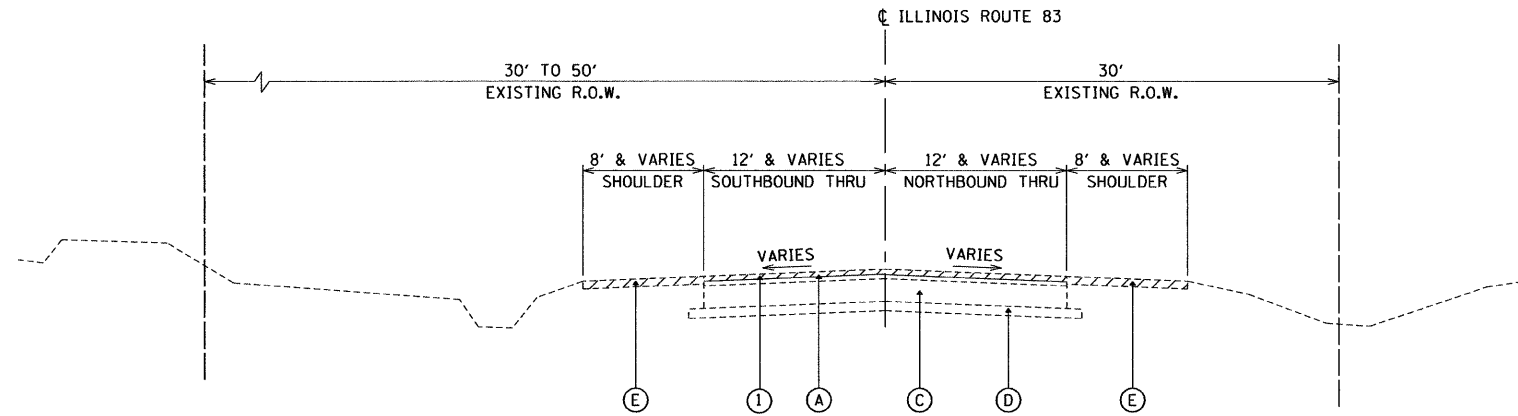
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 252+88 TO 290+36.2
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

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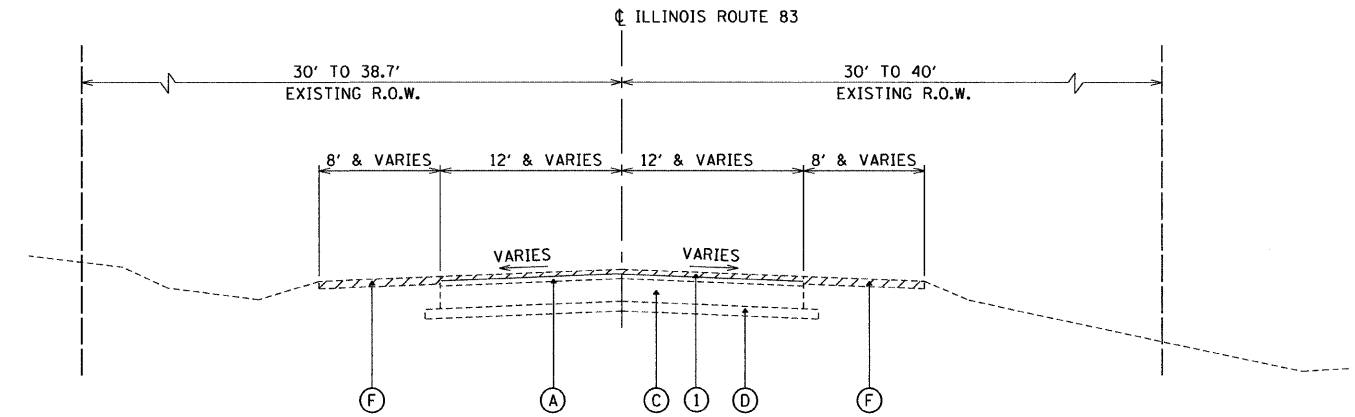
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

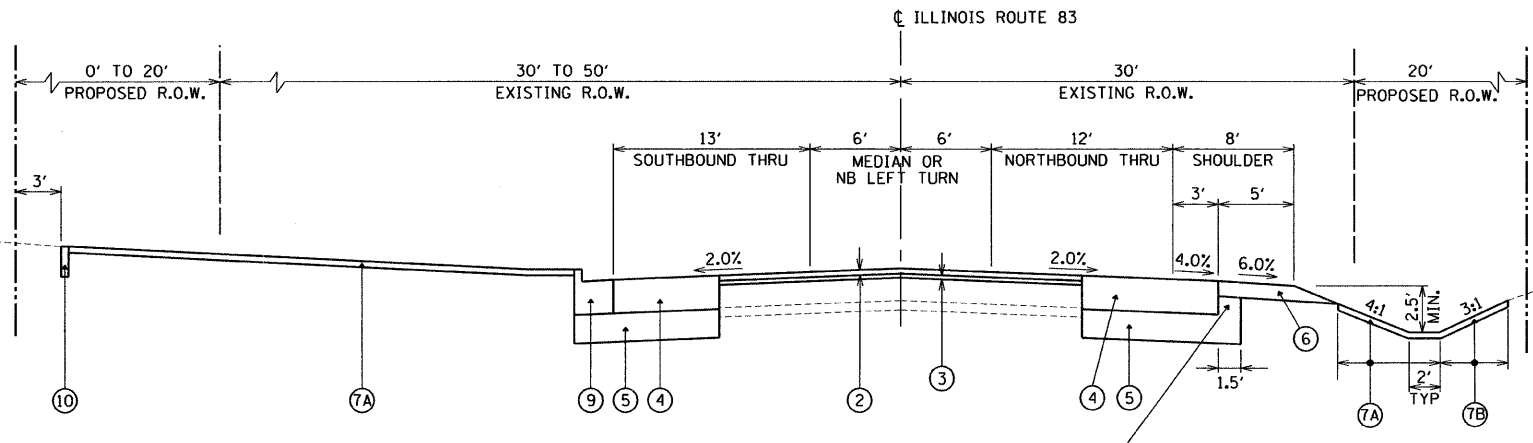
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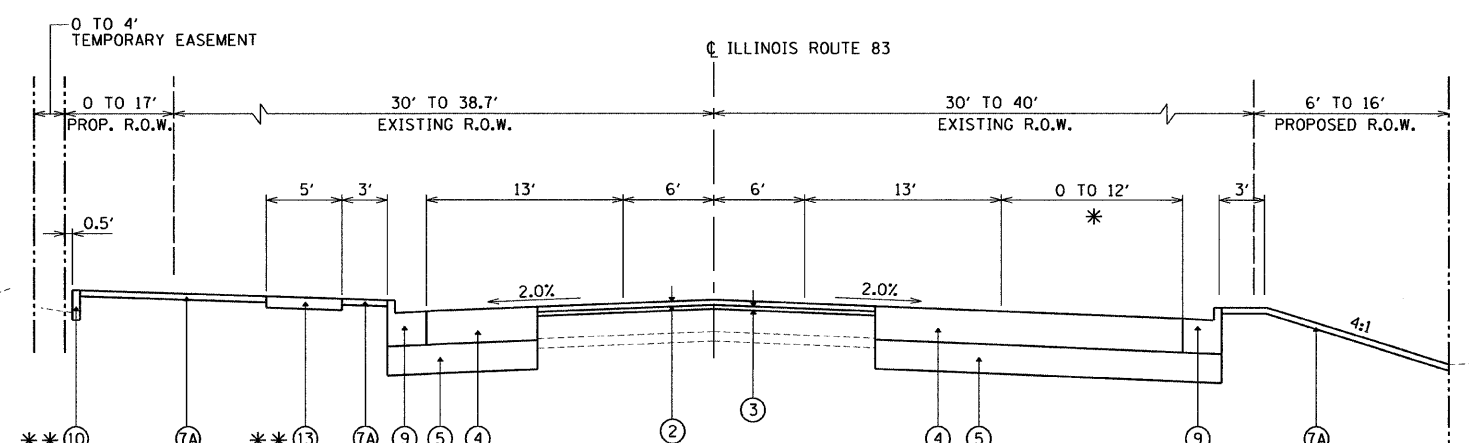
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 290+36 TO STA. 317+60



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 317+60 TO STA. 325+00 AND
STA. 328+57 TO STA. 338+11



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 290+36.2 TO STA. 317+60



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 317+60 TO STA. 322+09 AND
STA. 331+37 TO STA. 336+87
* STA. 334+80.64 TO STA. 336+86.73

SUPERELEVATION TRANSITION
STA. 322+09 TO STA. 324+89
STA. 328+57 TO STA. 331+37

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☐ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 306+50 TO STA. 313+00 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

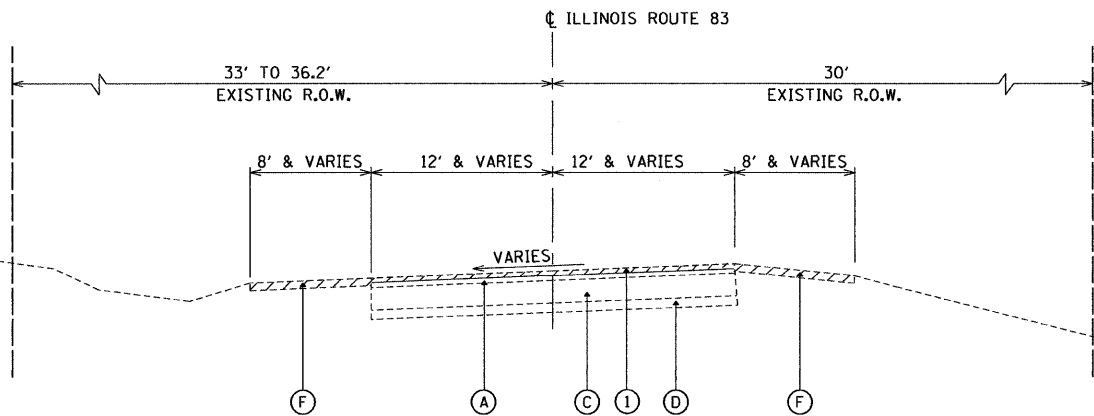
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 290+36.2 TO 336+87	DRAWN BY: BR CHECKED BY: MW
NAME	DATE		



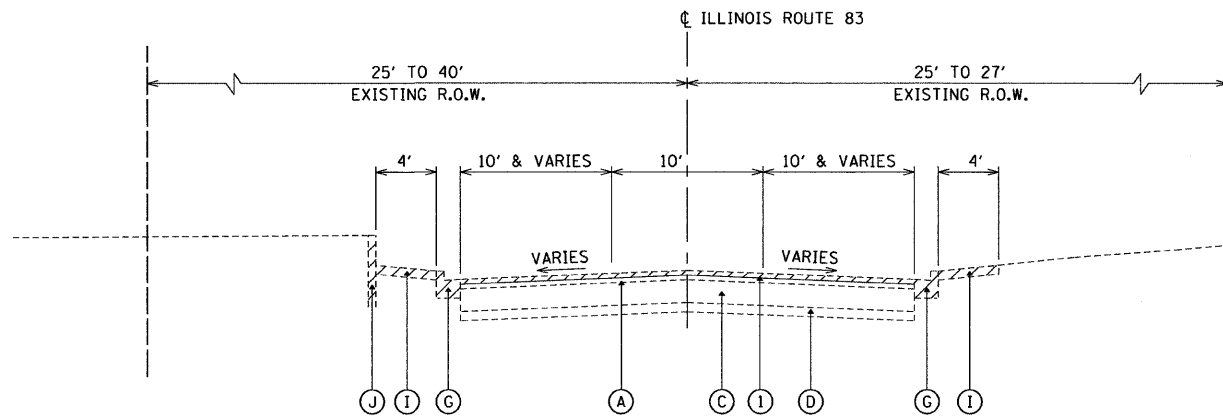
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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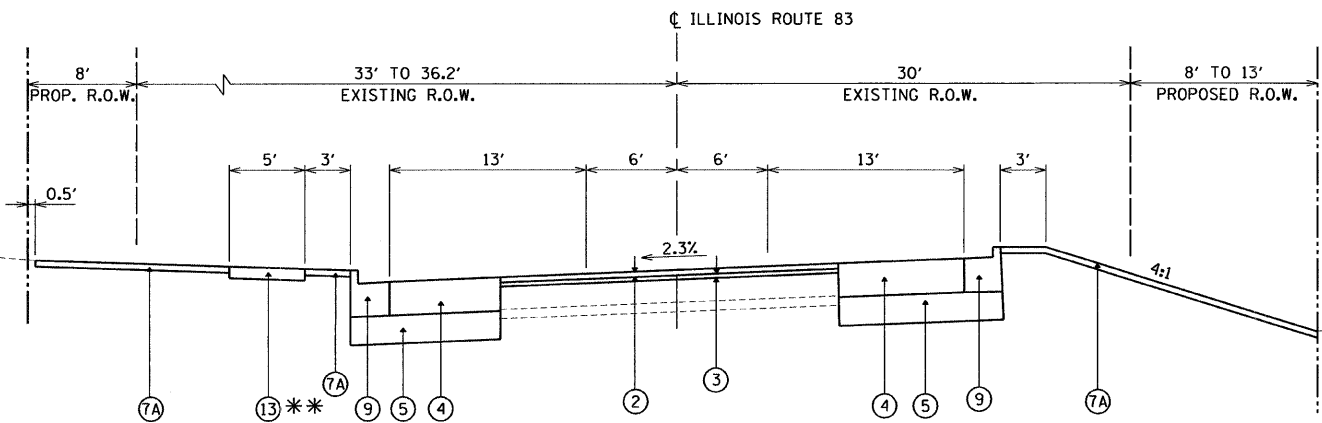
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	19
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				



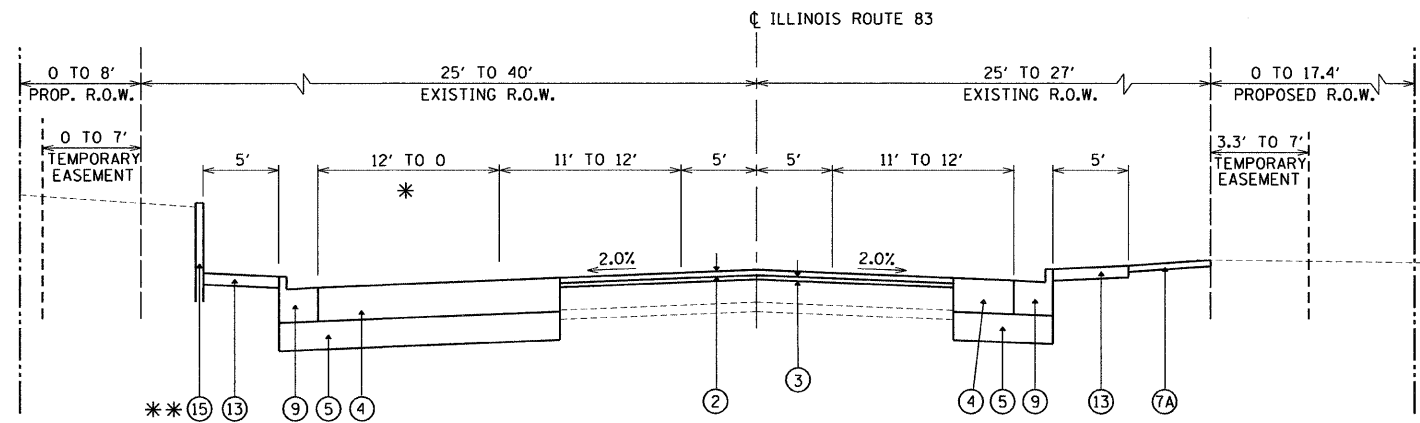
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 325+00 TO STA. 328+57



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 400+84 TO STA. 423+75



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 324+89 TO STA. 328+57



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 402+00 TO STA. 423+75
* - STA. 402+04.79 TO STA. 404+15

SUPERELEVATION TRANSITION
STA. 322+09 TO STA. 324+89
STA. 328+57 TO STA. 331+37

** - STA 407+50 TO STA 410+03 LT
- STA 410+68 TO STA 411+93 RT
- STA 451+10 TO STA 454+96 LT

LEGEND:

- | | |
|--|---|
| EXISTING CONDITIONS: | PROPOSED IMPROVEMENTS: |
| (A) HMA SURFACE (VARIES 2-4") | (1) HMA SURFACE REMOVAL, 2" |
| (B) HMA BASE COURSE (5-17 1/2") | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2") |
| (C) P.C.C. PAVEMENT (VARIES 6-10") | (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4" |
| (D) AGGREGATE SUBBASE (4") | (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13" |
| (E) HMA SHOULDERS (DEPTH VARIES) | (5) AGGREGATE SUBGRADE 12" |
| (F) AGGREGATE SHOULDERS (DEPTH VARIES) | (6) AGGREGATE SHOULDER, TYPE B 6" |
| (G) COMBINATION CONCRETE CURB AND GUTTER | (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS |
| (H) GUARD RAIL | (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A |
| (I) SIDEWALK | |
| (J) RETAINING WALL | |
| [] ITEM TO BE REMOVED | |

- | |
|---|
| (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| (10) CONCRETE CURB, TYPE B |
| (11) CONCRETE GUTTER, TYPE B |
| (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B |
| (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH |
| (14) CONCRETE ENCASED SHEET PILE RETAINING WALL |
| (15) SEGMENTAL CONCRETE BLOCK WALL |
| (16) STABILIZED MEDIAN SURFACE, 12" |
| (17) HMA SHOULDER, 13" |
- NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4", HMA BINDER COURSE IL 19.0, N70 SHALL BE USED. SEE SHEET 30 FOR CROSS SLOPE AND CENTERLINE PROFILE CORRECTION

NOTES:

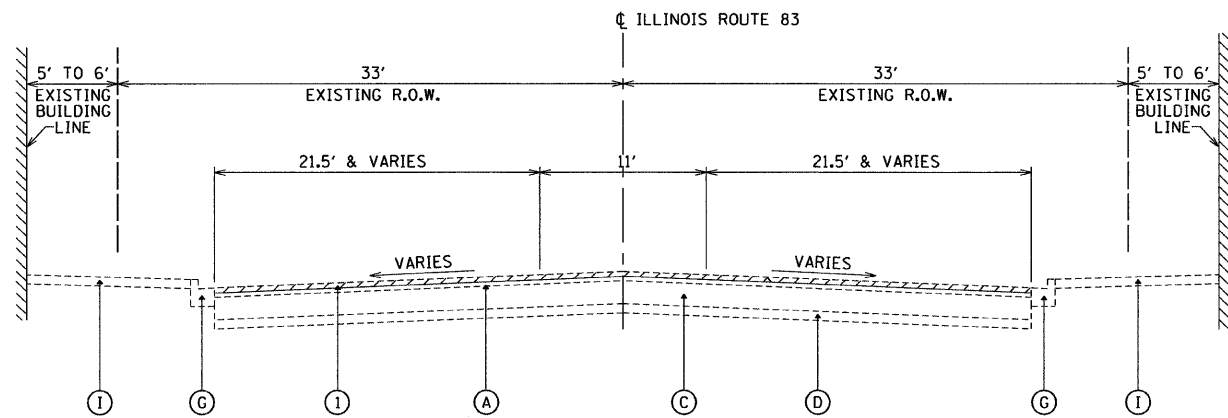
POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 404+50 TO STA. 408+50 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 324+89 TO 423+75 DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW
NAME	DATE	
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

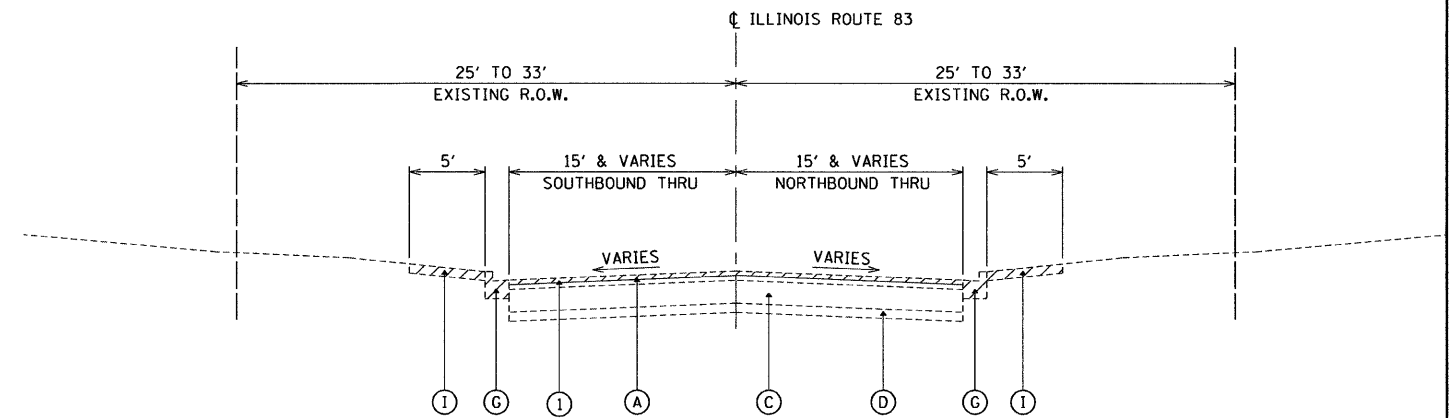
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	20
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

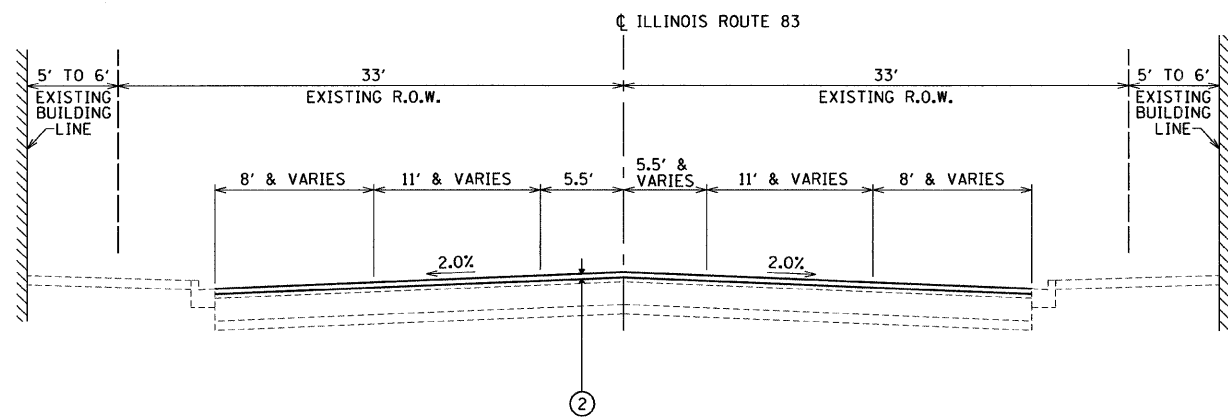
* (L-2[W,R];6,6A & 6 EXT) WRS-1



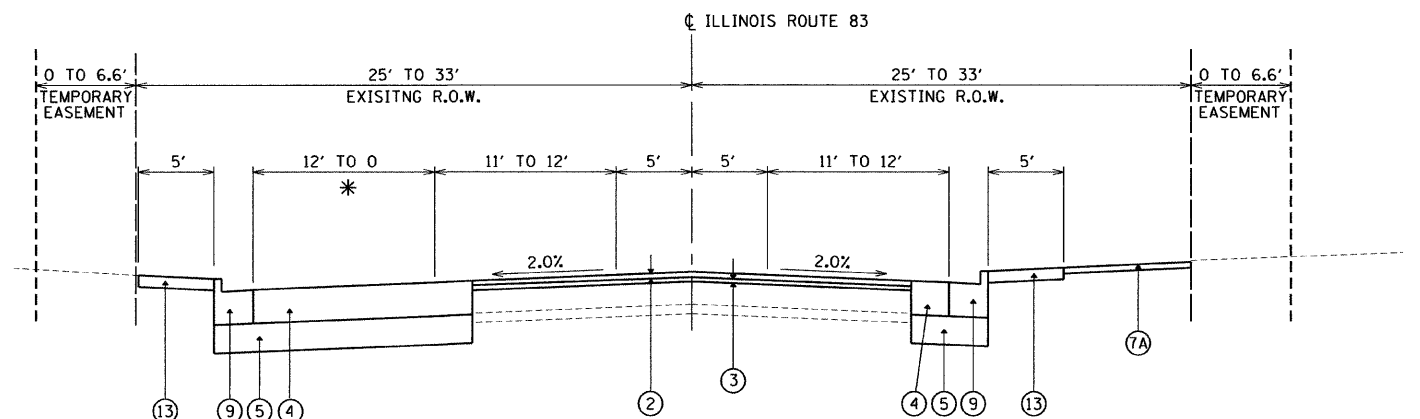
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 423+75 TO STA. 432+00



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 432+00 TO STA. 460+40



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 423+75 TO STA. 432+00



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 432+00 TO STA. 460+40

* - STA. 432+62.2 TO STA. 434+98

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- [] ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

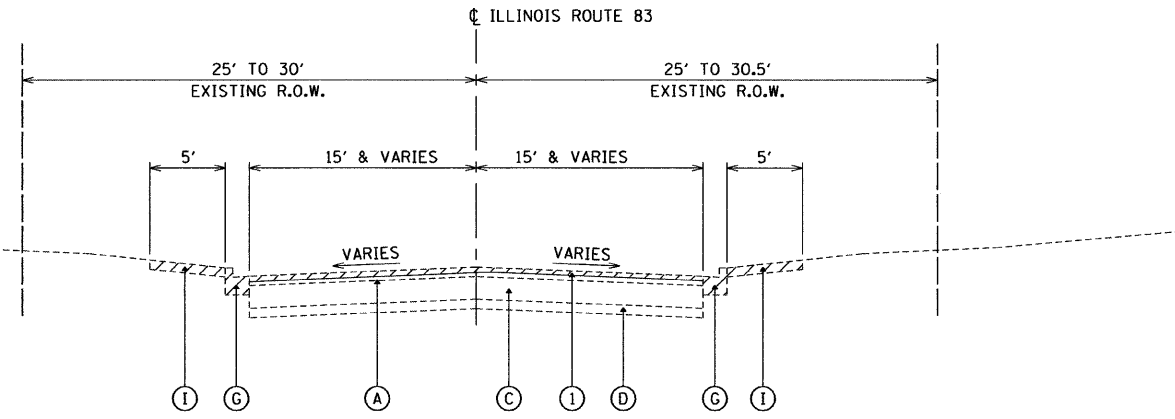
NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 432+00 TO STA. 439+00 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 423+75 TO 460+40
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

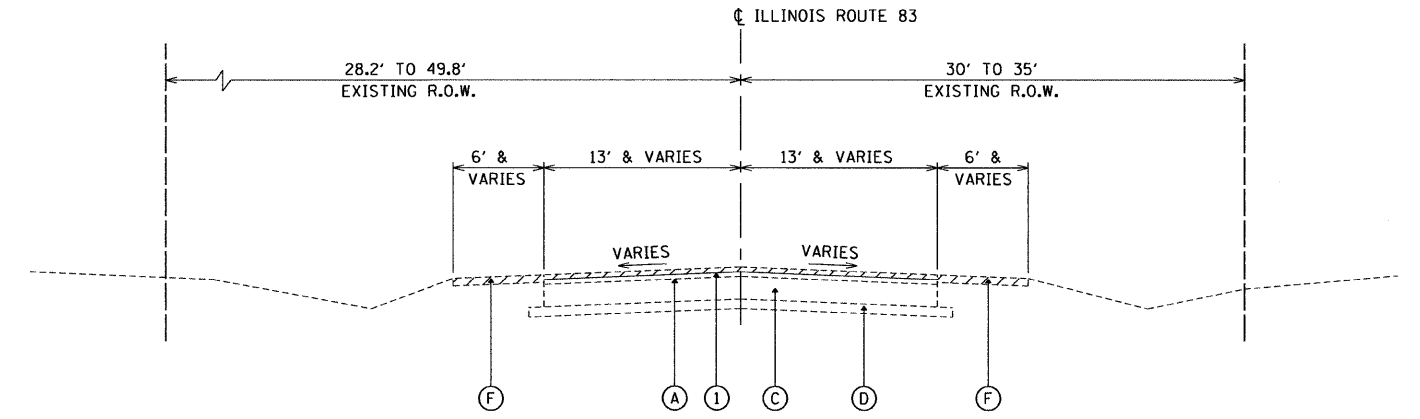
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2[W,R];6,6A & 6 EXT) WRS-1



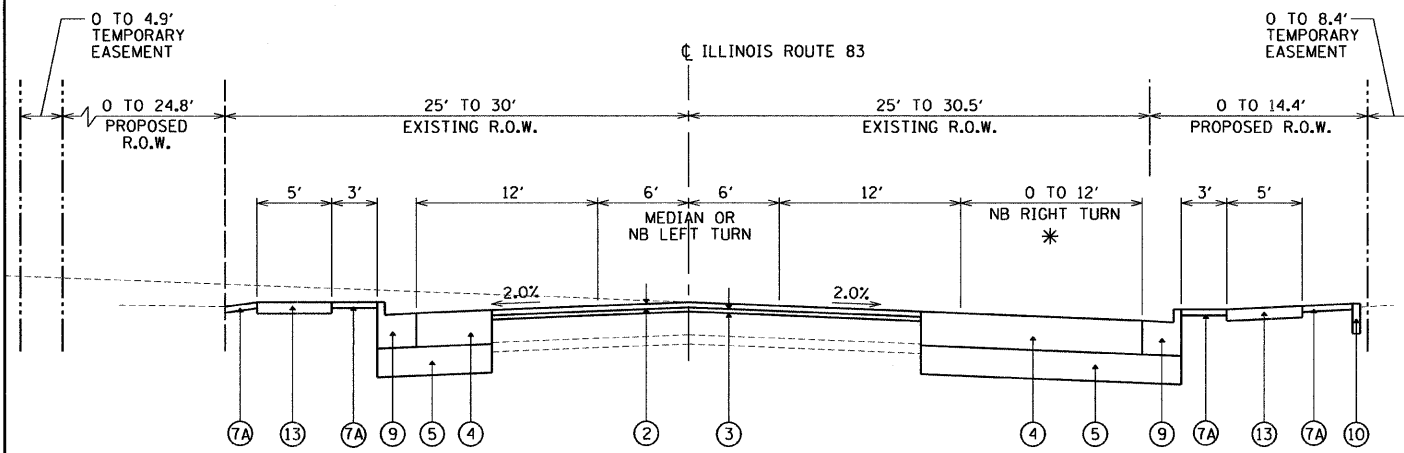
EXISTING TYPICAL SECTION

ILLINOIS ROUTE 83
STA. 460+40 TO STA. 467+85



EXISTING TYPICAL SECTION

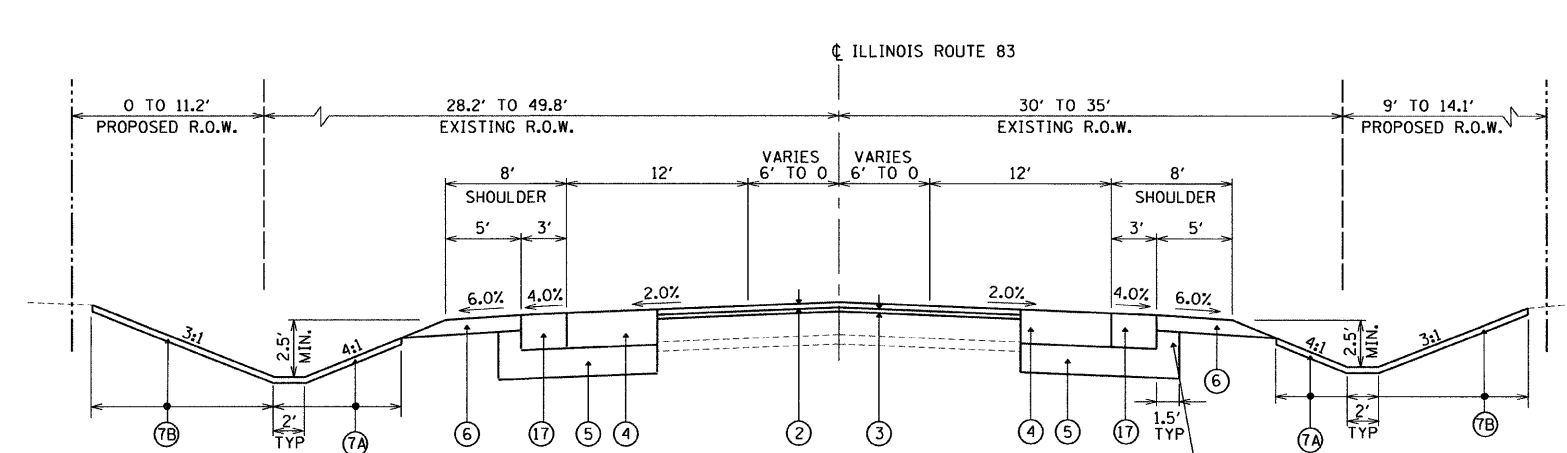
ILLINOIS ROUTE 83
STA. 467+85 TO STA. 474+05



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83
STA. 460+40 TO STA. 467+85.2

* - STA. 461+76 TO STA. 464+39.72



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83
STA. 467+85.2 TO STA. 470+14
STA. 471+53 TO STA. 474+05

ADDITIONAL THICKNESS IS INCIDENTAL TO AGGREGATE SUBGRADE 12" (TYP)

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☐ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
- SODDING, SALT TOLERANT
- SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE 11, 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

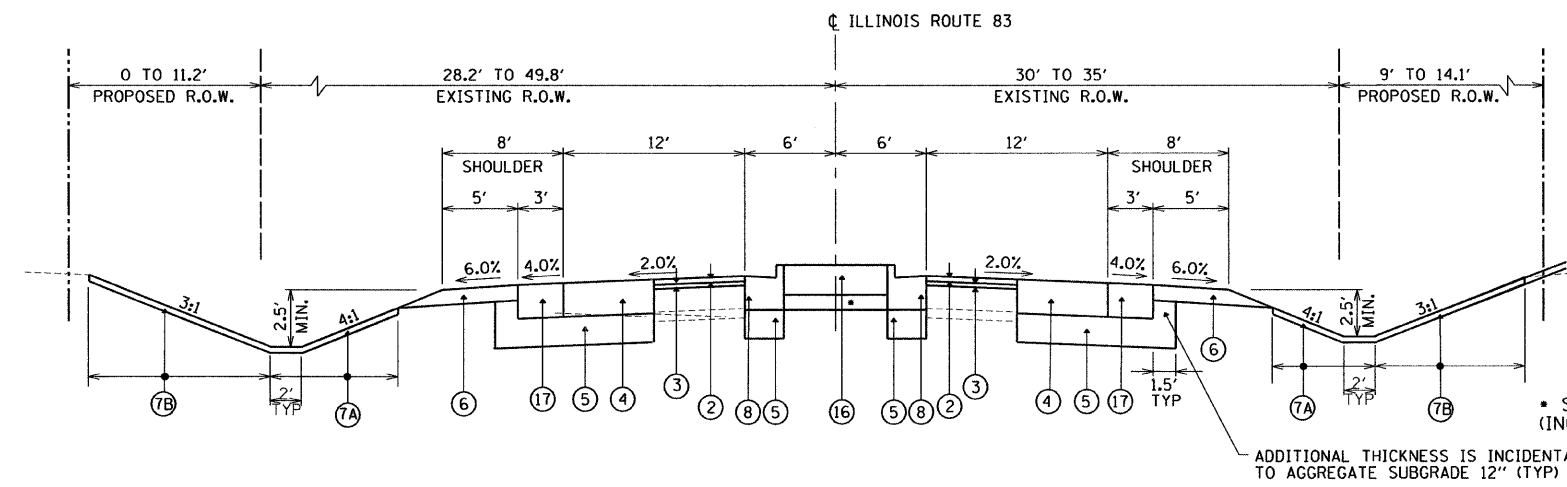
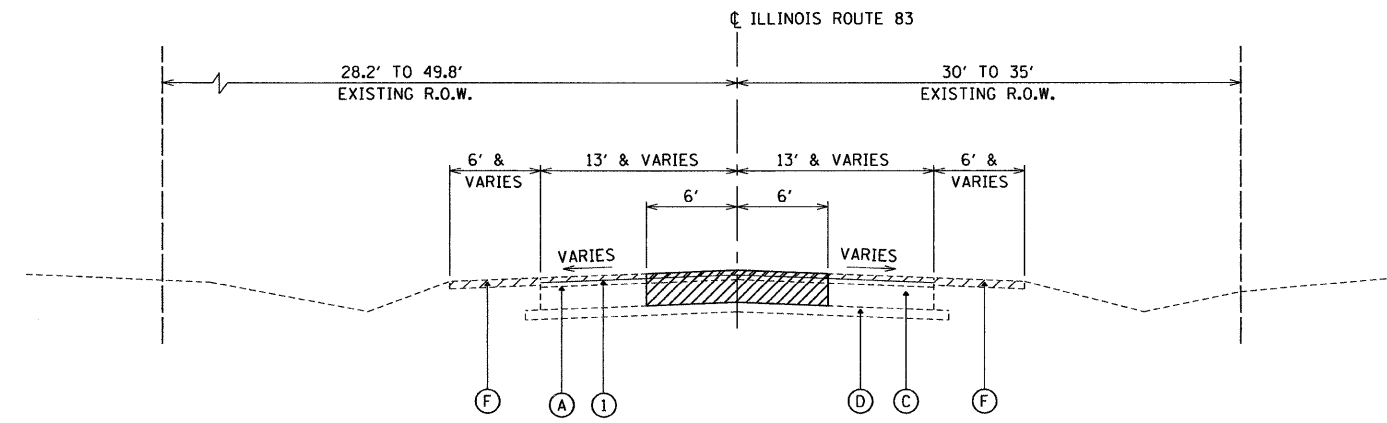
NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 461+00 TO STA. 464+50 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 460+40 TO 474+05 DATE: 1/30/09	DRAWN BY: BR CHECKED BY: MW
NAME	DATE		

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(L-2(LW,R);6,6A & 6 EXT) WRS-1				



LEGEND:


- EXISTING CONDITIONS:**
- (A) HMA SURFACE (VARIES 2-4")
 - (B) HMA BASE COURSE (5-17 1/2")
 - (C) P.C.C. PAVEMENT (VARIES 6-10")
 - (D) AGGREGATE SUBBASE (4")
 - (E) HMA SHOULDERS (DEPTH VARIES)
 - (F) AGGREGATE SHOULDERS (DEPTH VARIES)
 - (G) COMBINATION CONCRETE CURB AND GUTTER
 - (H) GUARD RAIL
 - (I) SIDEWALK
 - (J) RETAINING WALL
 - ☒ ITEM TO BE REMOVED

- PROPOSED IMPROVEMENTS:**
- (1) HMA SURFACE REMOVAL, 2"
 - (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
 - (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
 - (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
 - (5) AGGREGATE SUBGRADE 12"
 - (6) AGGREGATE SHOULDER, TYPE B 6"
 - (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
 - (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A

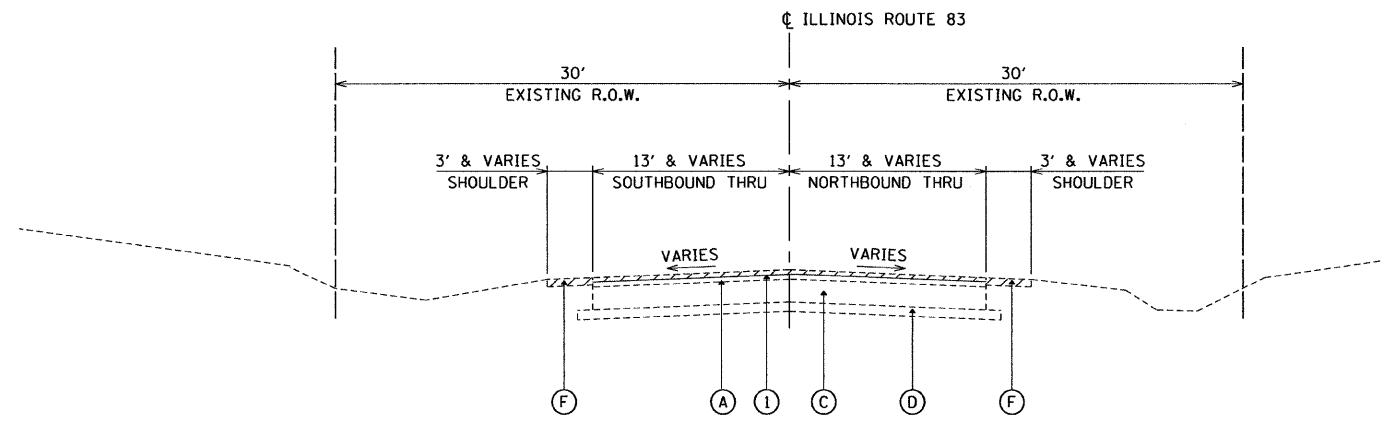
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (10) CONCRETE CURB, TYPE B
 - (11) CONCRETE GUTTER, TYPE B
 - (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
 - (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
 - (15) SEGMENTAL CONCRETE BLOCK WALL
 - (16) STABILIZED MEDIAN SURFACE, 12"
 - (17) HMA SHOULDER, 13"
- NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE 1L 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

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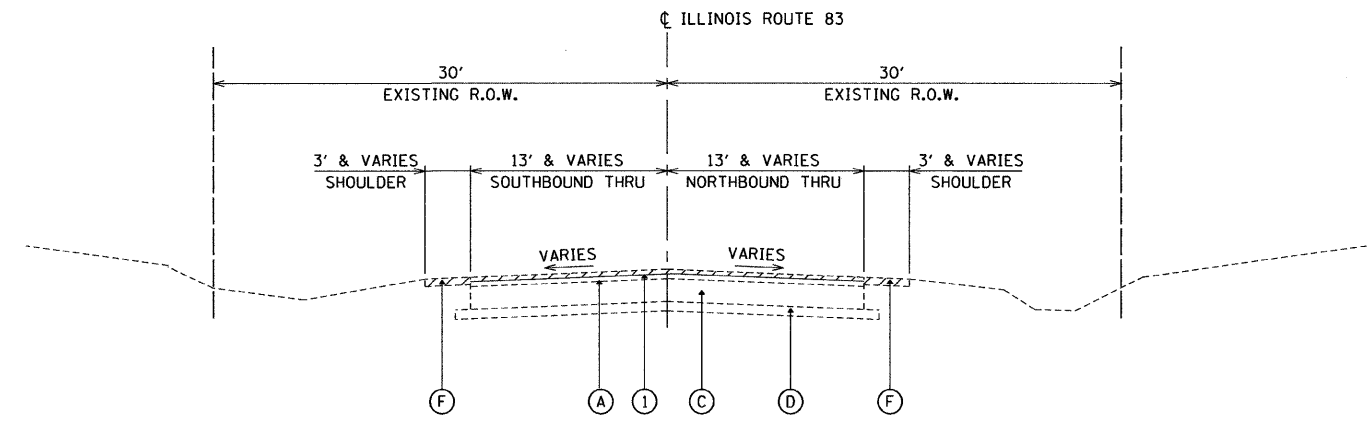
TYP-9

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 470+14 TO 471+53
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW  GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

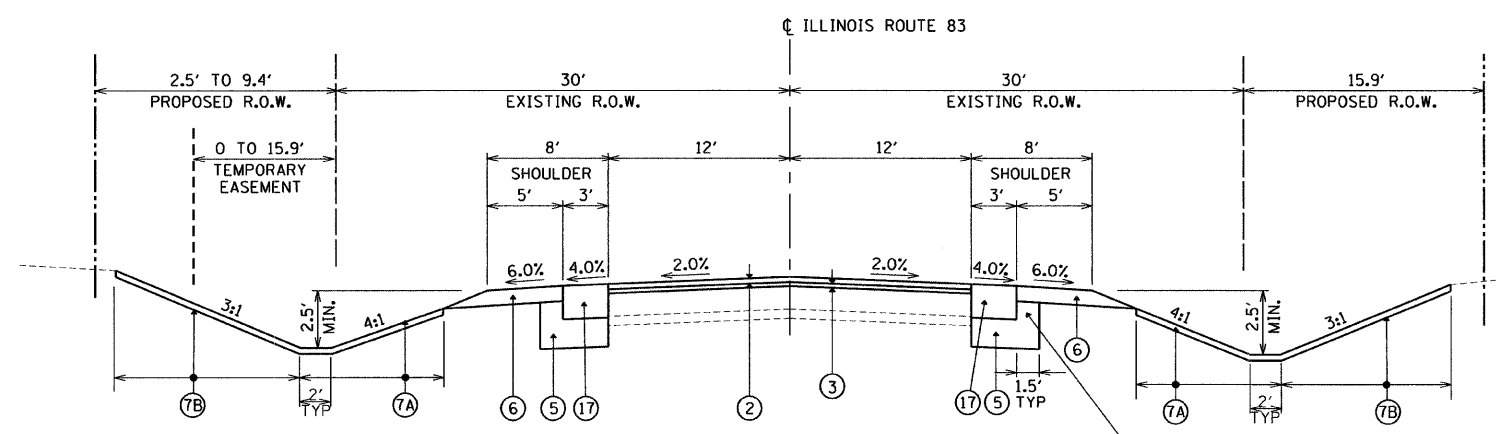
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	23
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



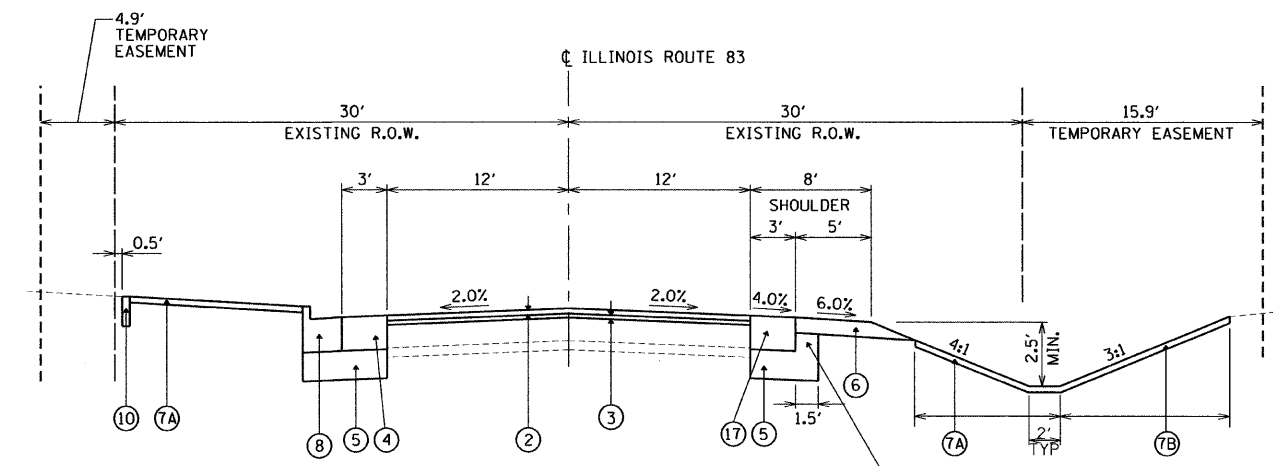
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 474+05 TO STA. 490+24



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 490+24 TO STA. 493+17



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 474+05 TO STA. 490+24



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 490+24 TO STA. 493+17

LEGEND:

- | | |
|---|--|
| <p>EXISTING CONDITIONS:</p> <ul style="list-style-type: none"> (A) HMA SURFACE (VARIES 2-4") (B) HMA BASE COURSE (5-17 1/2") (C) P.C.C. PAVEMENT (VARIES 6-10") (D) AGGREGATE SUBBASE (4") (E) HMA SHOULDERS (DEPTH VARIES) (F) AGGREGATE SHOULDERS (DEPTH VARIES) (G) COMBINATION CONCRETE CURB AND GUTTER (H) GUARD RAIL (I) SIDEWALK (J) RETAINING WALL ☐ ITEM TO BE REMOVED | <p>PROPOSED IMPROVEMENTS:</p> <ul style="list-style-type: none"> ① HMA SURFACE REMOVAL, 2" ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2") ③ LEVELING BINDER (MACHINE METHOD), N70, VARIES 1' TO 2 1/4" ④ HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13" ⑤ AGGREGATE SUBGRADE 12" ⑥ AGGREGATE SHOULDER, TYPE B 6" ⑦A - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS ⑦B - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A |
|---|--|

- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑩ CONCRETE CURB, TYPE B
 - ⑪ CONCRETE GUTTER, TYPE B
 - ⑫ STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
 - ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑭ CONCRETE ENCASED SHEET PILE RETAINING WALL
 - ⑮ SEGMENTAL CONCRETE BLOCK WALL
 - ⑯ STABILIZED MEDIAN SURFACE, 12"
 - ⑰ HMA SHOULDER, 13"
- NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE 1L 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 474+05 TO 493+17 DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW
NAME	DATE	

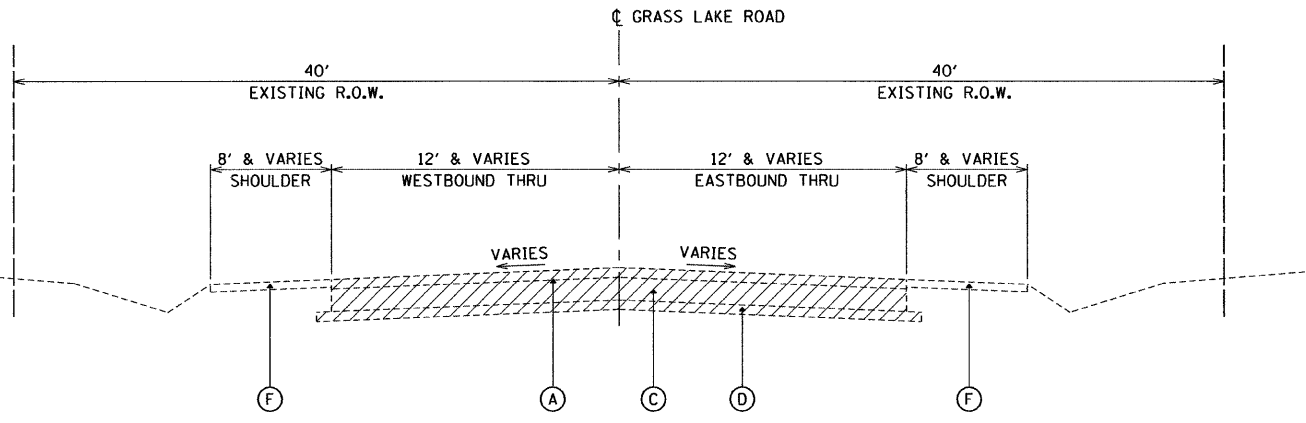
TYP-10

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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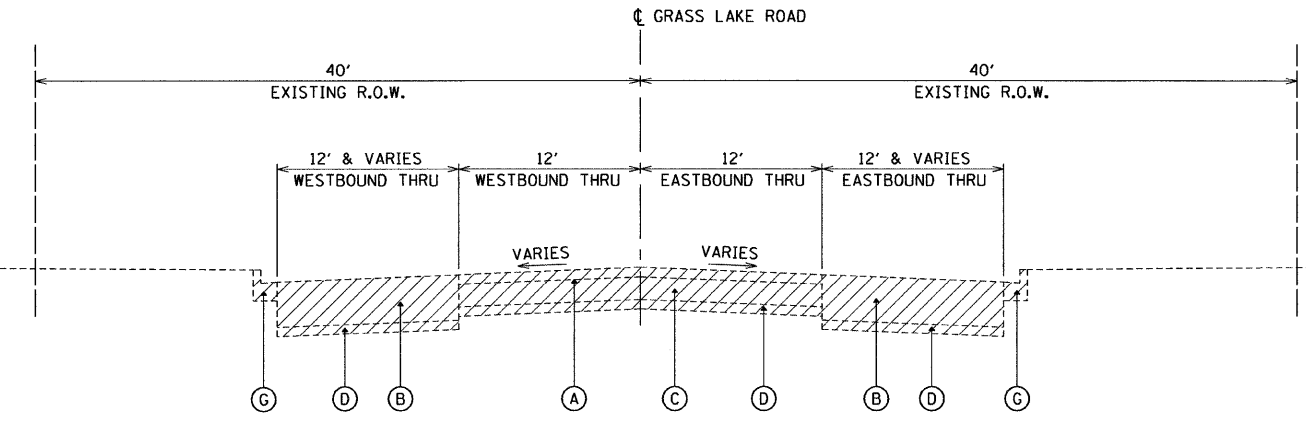
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	24
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2(W,R);6.6A & 6 EXT) WRS-1



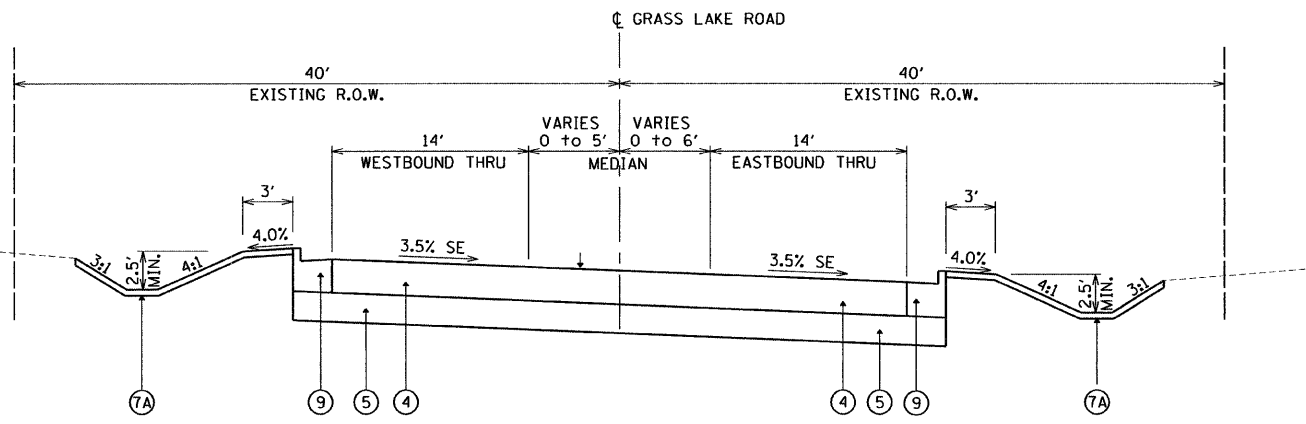
EXISTING TYPICAL SECTION

GRASS LAKE ROAD
STA. 13+06.45 TO STA. 16+54.29



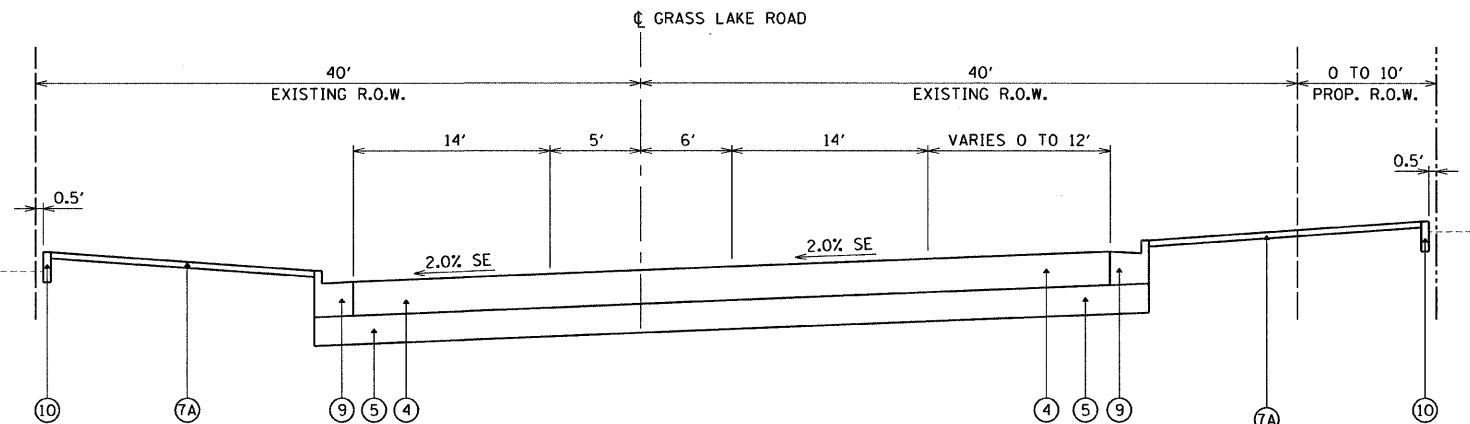
EXISTING TYPICAL SECTION

GRASS LAKE ROAD
STA. 16+54.29 TO STA. 20+00



PROPOSED TYPICAL SECTION

GRASS LAKE ROAD
STA. 13+06.05 TO STA. 14+50



PROPOSED TYPICAL SECTION

GRASS LAKE ROAD
STA. 17+50 TO STA. 18+50

SUPERELEVATION TRANSITION
FULL PAVEMENT ROTATION
FROM 3.5% TO -2%
STA. 14+50 TO STA. 17+50

SUPERELEVATION TRANSITION
RIGHT SIDE ROTATION FROM \bar{C}
TO EDGE OF PAVEMENT
FROM -2% TO 2%
STA. 18+50 TO STA. 19+50

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☒ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A

- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 16+50 TO STA. 19+50 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS GRASS LAKE ROAD STA 13+06 TO 20+00 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: BR CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

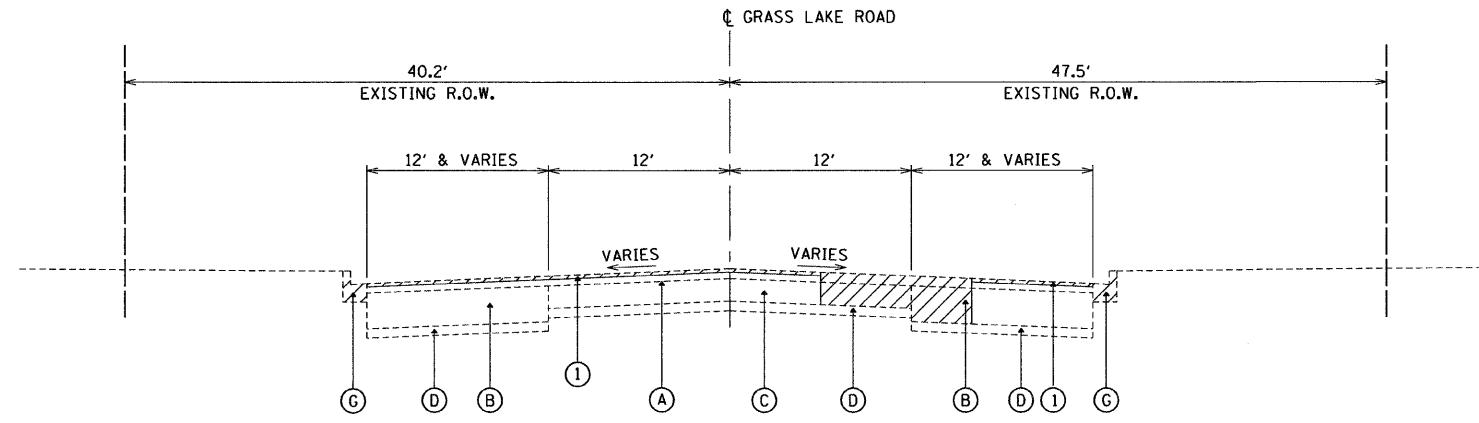


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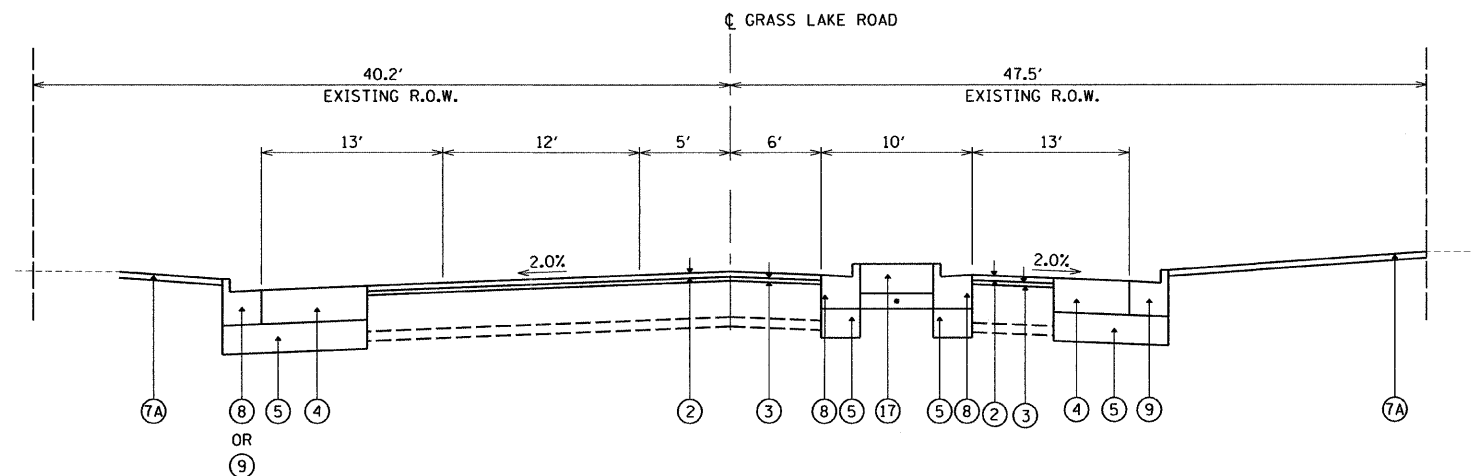
TYP-11

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	25
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2[W,R];6.6A & 6 EXT) WRS-1



EXISTING TYPICAL SECTION
 GRASS LAKE ROAD @ ILLINOIS ROUTE 83
 STA. 20+00 TO STA. 24+85



PROPOSED TYPICAL SECTION
 GRASS LAKE ROAD @ ILLINOIS ROUTE 83
 STA. 20+58 TO STA. 23+13

• SUBBASE GRANULAR MATERIAL
 (INCIDENTAL TO STABILIZED MEDIAN SURFACE, 12'')

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4'')
- (B) HMA BASE COURSE (5-17 1/2'')
- (C) P.C.C. PAVEMENT (VARIES 6-10'')
- (D) AGGREGATE SUBBASE (4'')
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☒ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2''
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2'')
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1' TO 2 1/4''
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13''
- (5) AGGREGATE SUBGRADE 12''
- (6) AGGREGATE SHOULDER, TYPE B 6''
- (7A) - TOPSOIL FURNISH AND PLACE, 4''
 - FERTILIZER NUTRIENTS
 - SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
 SODDING, SALT TOLERANT
 SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2''
 - FERTILIZER NUTRIENTS
 - SEEDING, CLASS 4A

- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12''
- (17) HMA SHOULDER, 13''

NOTE:
 WHERE LEVELING BINDER EXCEEDS 2 1/4'',
 HMA BINDER COURSE 11, 19.0, N70 SHALL
 BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
 CENTERLINE PROFILE CORRECTION

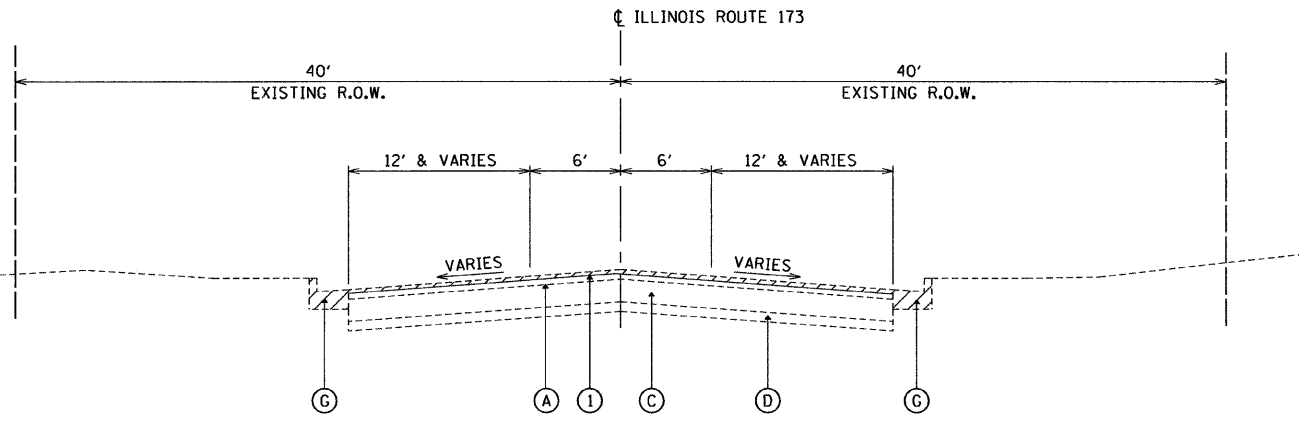
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS GRASS LAKE ROAD STA 20+00 TO 24+85 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

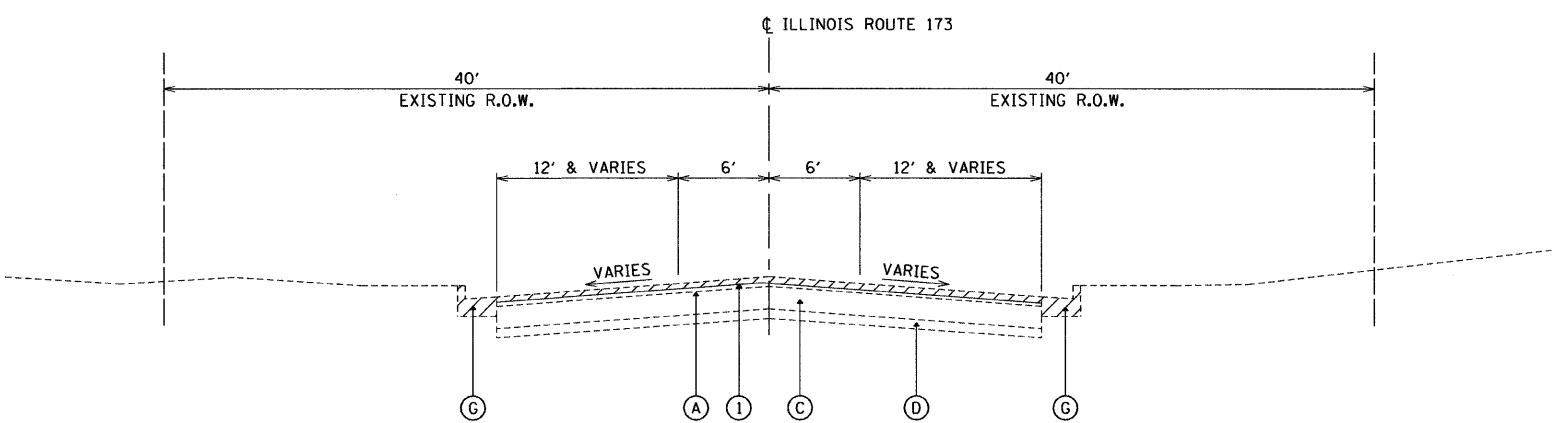
TYP-12

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	26
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

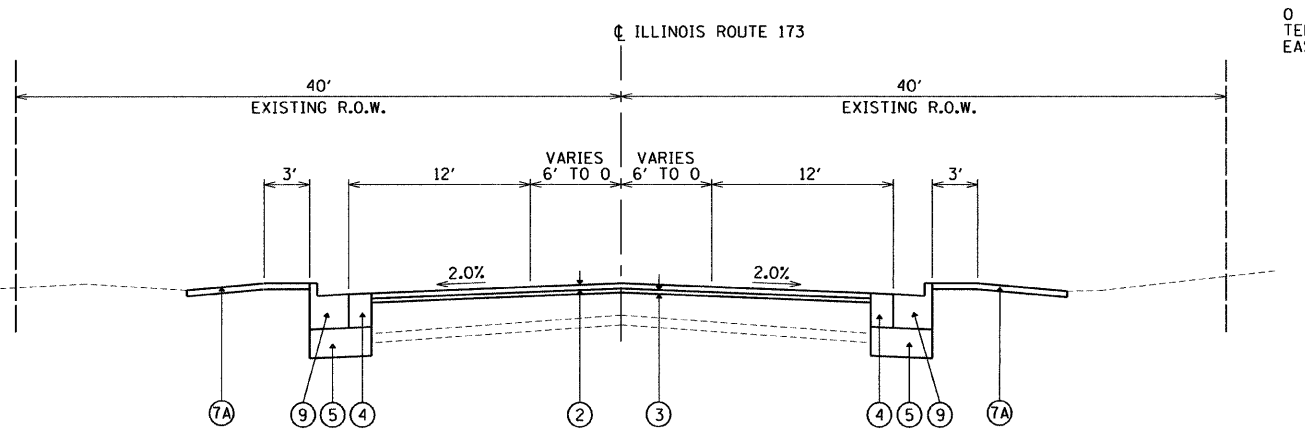
*(L-2(W,R);6,6A & 6 EXT) WRS-1



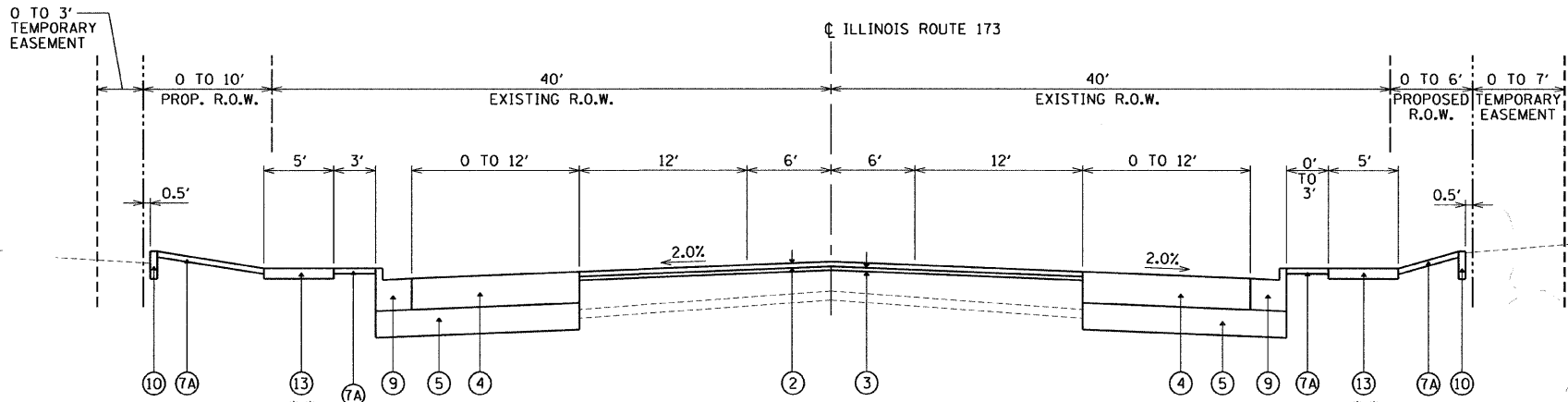
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 173
STA. 25+88 TO STA. 30+00



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 173
STA. 30+00 TO STA. 37+50



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 173
LT. STA. 25+88 TO STA. 30+00
& STA. 34+23 TO STA. 36+07
RT. STA. 25+88 TO STA. 26+51
& STA. 30+00 TO STA. 36+07



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 173
LT. STA. 30+00 TO STA. 34+23
RT. STA. 26+51 TO STA. 36+07

** SEE PLANS FOR LOCATIONS

LEGEND:

- | | |
|---|--|
| <p>EXISTING CONDITIONS:</p> <ul style="list-style-type: none"> (A) HMA SURFACE (VARIES 2-4") (B) HMA BASE COURSE (5-17 1/2") (C) P.C.C. PAVEMENT (VARIES 6-10") (D) AGGREGATE SUBBASE (4") (E) HMA SHOULDERS (DEPTH VARIES) (F) AGGREGATE SHOULDERS (DEPTH VARIES) (G) COMBINATION CONCRETE CURB AND GUTTER (H) GUARD RAIL (I) SIDEWALK (J) RETAINING WALL [X] ITEM TO BE REMOVED | <p>PROPOSED IMPROVEMENTS:</p> <ul style="list-style-type: none"> (1) HMA SURFACE REMOVAL, 2" (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2") (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4" (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13" (5) AGGREGATE SUBGRADE 12" (6) AGGREGATE SHOULDER, TYPE B 6" (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A |
|---|--|

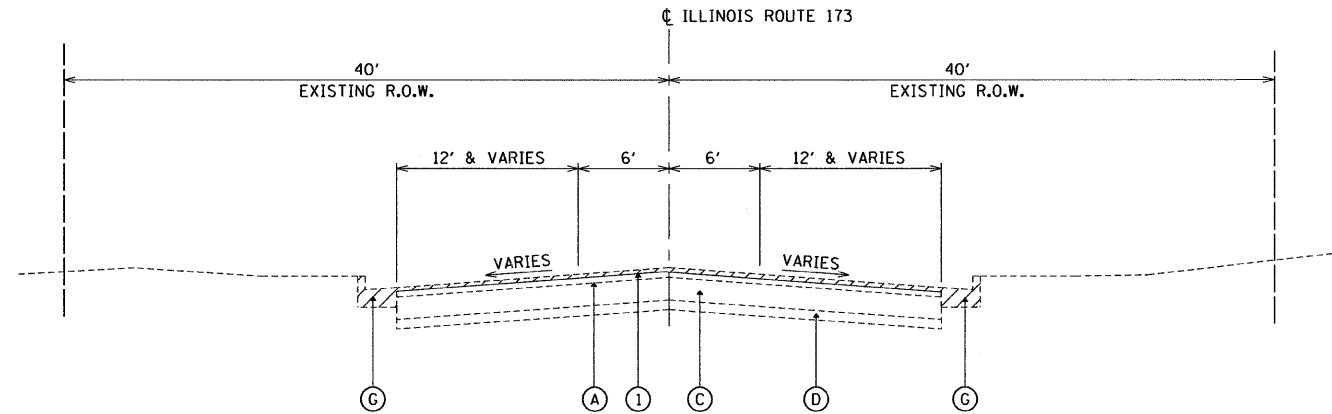
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (10) CONCRETE CURB, TYPE B
 - (11) CONCRETE GUTTER, TYPE B
 - (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
 - (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
 - (15) SEGMENTAL CONCRETE BLOCK WALL
 - (16) STABILIZED MEDIAN SURFACE, 12"
 - (17) HMA SHOULDER, 13"
- NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS ILLINOIS ROUTE 173 STA 25+88 TO 36+07 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: BR CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

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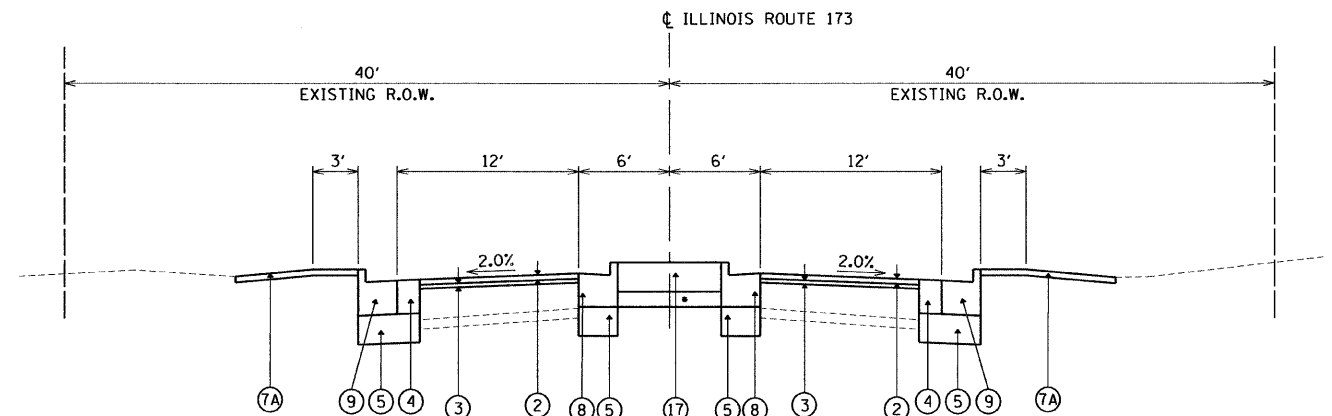
TYP-13

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	27
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				



EXISTING TYPICAL SECTION

ILLINOIS ROUTE 173
STA. 36+07 TO STA. 37+50



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 173
STA. 36+07 TO STA. 37+50

* SUBBASE GRANULAR MATERIAL
(INCIDENTAL TO STABILIZED MEDIAN SURFACE, 12")

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ☒ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

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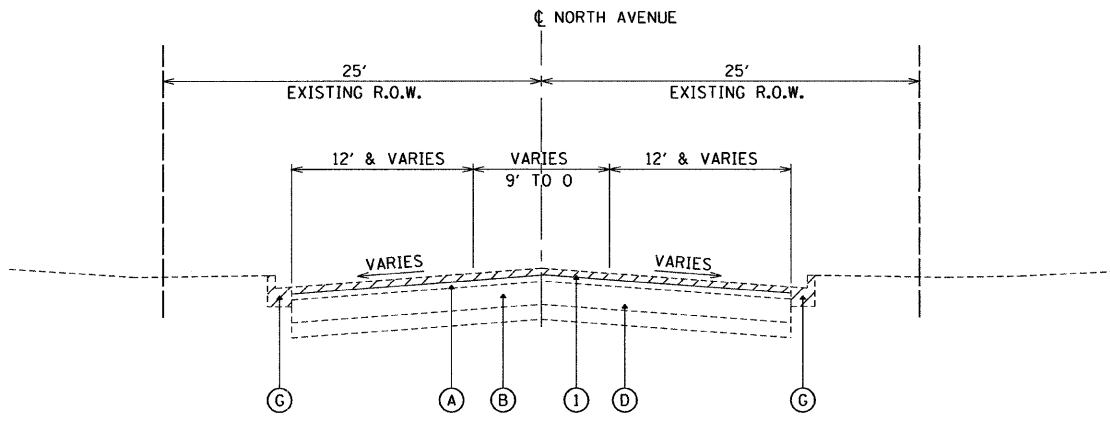
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS ILLINOIS ROUTE 173 STA 36+07 TO 37+15 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: BR CHECKED BY: MW



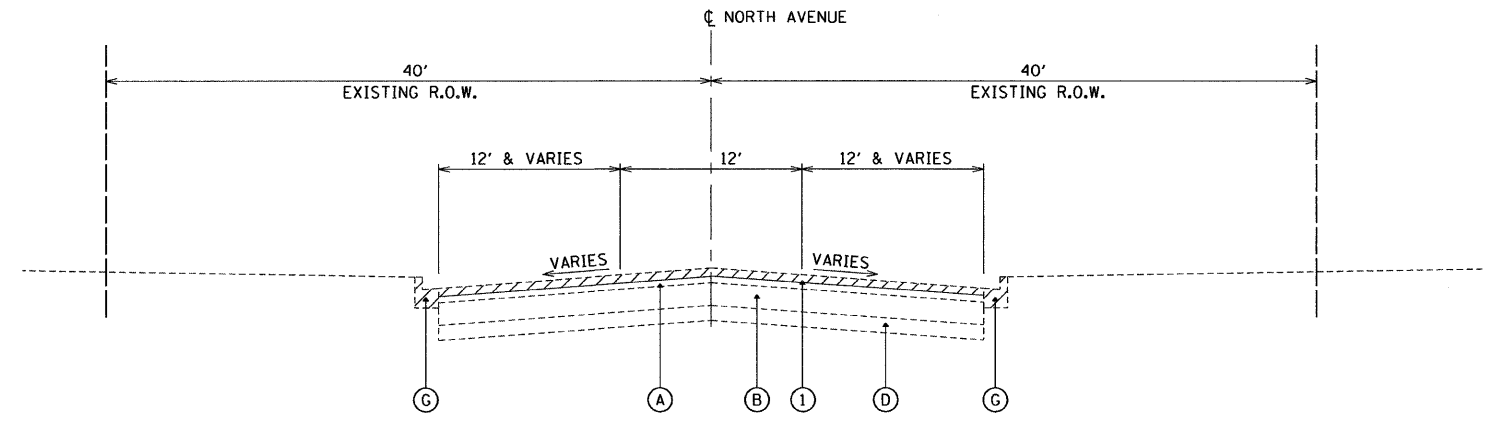
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

TYP-14

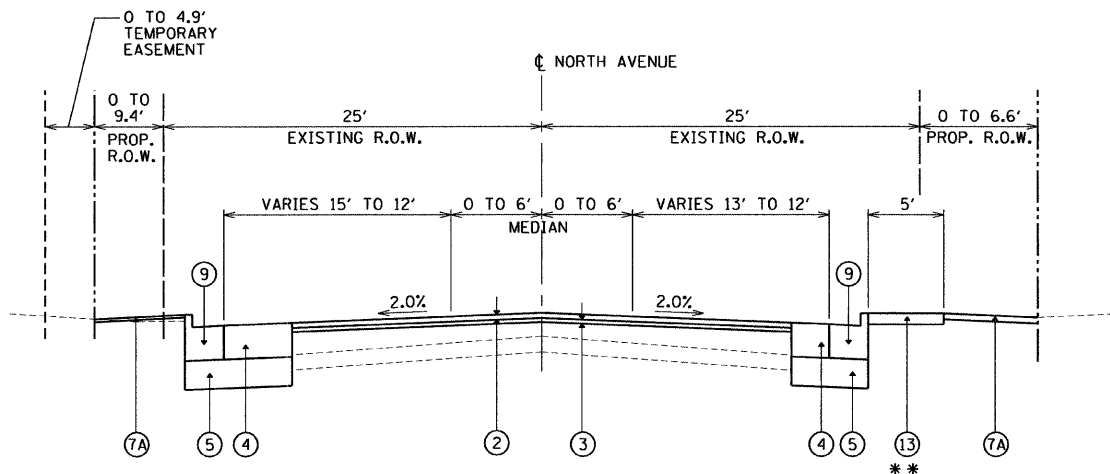
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	28
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				



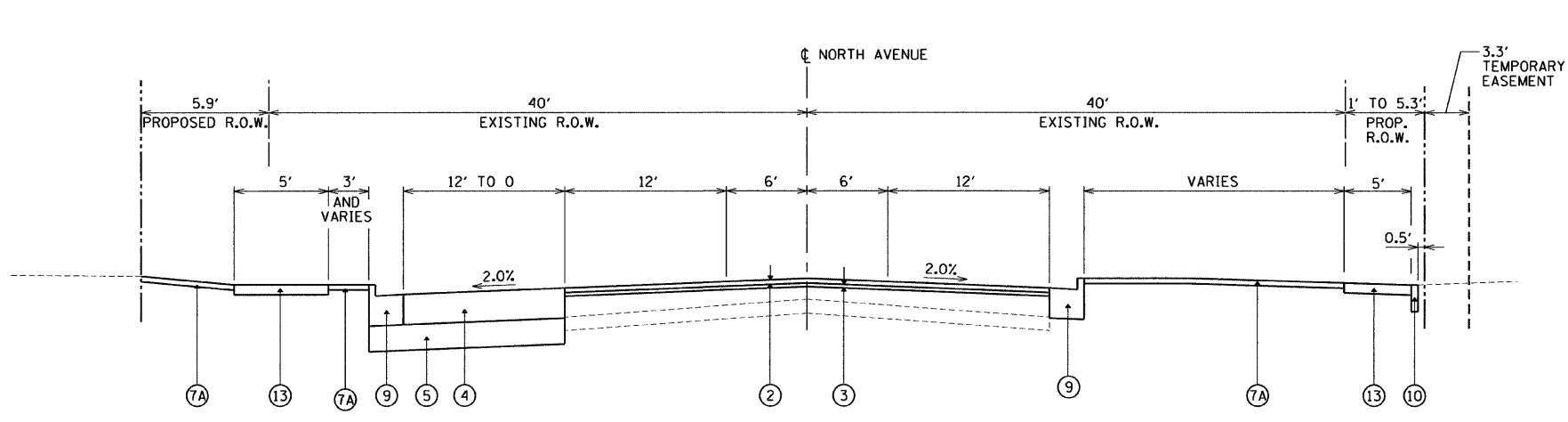
EXISTING TYPICAL SECTION
NORTH AVENUE @ ILLINOIS ROUTE 83
STA. 34+55 TO STA. 40+00



EXISTING TYPICAL SECTION
NORTH AVENUE @ ILLINOIS ROUTE 83
STA. 40+00 TO STA. 43+45



PROPOSED TYPICAL SECTION
NORTH AVENUE @ ILLINOIS ROUTE 83
STA. 34+55 TO STA. 40+00 ** SEE PLANS FOR LOCATIONS



PROPOSED TYPICAL SECTION
NORTH AVENUE @ ILLINOIS ROUTE 83
STA. 40+00 TO STA. 43+45

LEGEND:

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17 1/2")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- [Hatched Box] ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A

- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED, SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS NORTH AVENUE STA 34+55 TO 43+45 DATE: 1/30/09	DRAWN BY: BR CHECKED BY: MW
NAME	DATE		



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	29
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (L-2[W,R],6,6A & 6 EXT) WRS-1


LOCATION		COMBINATION CURB AND GUTTER REMOVAL (FT)		CONCRETE CURB REMOVAL (FT)		PAVEMENT REMOVAL (SQ YD)	
STATION	TO STATION	LT	RT	LT	RT	LT	RT
ILLINOIS ROUTE 83							
210+87	212+19 (APOLLO)		141				10.4
218+59	221+84 (WALL)		236				
226+78	227+29		71				
245+97	248+42					87.3	
245+81	248+63						101.5
246+81	249+62	311					
246+87	248+95		267				
249+36	250+00		111				
250+10	252+04	235					
250+00	252+06		208				
250+52	253+28						94.9
252+86	253+57					6.6	
332+79	333+33	107					
334+32	334+60			28			
334+90	337+13	222					
334+90	336+98		208				
337+13	338+05 (RTE 173)	108					
336+98	337+44 (RTE 173)		102				
337+47	337+74		86				
401+16	401+42	76					
401+45 (RTE 173)	402+08	109					
337+88 (RTE 173)	401+78		150				
401+78	402+84		105				
402+08	410+04			727			
410+04	410+14 (HARDEN)			14			
402+84	410+15				730		
410+15	410+30 (CHESTNUT)				30		
HARDEN STREET		32		29			
410+39 (HARDEN)	410+51			19			
410+51	419+17			703			
410+62 (CHESTNUT)	410+91				41		
410+91	419+17 (IDA)				627		
IDA AVENUE			105				
419+55 (IDA)	423+60				341		
423+79	424+72	93					
424+72	424+80 (LAKE)	10					
419+70	423+29						154.7
420+08 (WILTON DRIVE)	423+60			199			
420+42	424+74						149.5
PARK STREET			26				
423+79 (PARK)	424+04		29				
432+21 (ORCHARD)	437+12	482					
433+00	435+77 (DEPOT)		278				
434+48	435+40						9.9
434+51	436+66					43.0	
436+03	437+68						208.1
437+12	440+02			183			
DEPOT STREET		34	26				
436+10 (DEPOT)	436+28		44				
436+28	442+80 (WILLIAMS)				538		
440+02	440+98	95					
440+98	446+71 (POPLAR)			520			
443+08 (WILLIAMS)	443+22				19		
443+22	444+79		134				
443+28	444+50						122.4
444+79	444+90				40		
445+35	459+91				1150		
446+71 (POPLAR)	455+34 (FIRST)			716			
455+34 (FIRST)	460+60 (SECOND)			439			
460+37	461+63				111		
46075 (SECOND)	461+54			95			
461+63	464+96 (NORTH)		340				
461+70	464+71	303					
464+71	464+88 (NORTH)	37					
465+32 (NORTH)	465+66	45					
465+66	469+02	336					
465+39 (NORTH)	465+63		47				
465+63			465				
466+46	468+66						34.8
470+08	470+67					66.6	
471+00	471+59					67.1	
473+48	493+17						448.4
473+98	475+75					11	
476+39	479+92					24	
481+02	493+20					339.7	
KAIRY'S STREET		100					
480+95	488+70	736					

LOCATION		COMBINATION CURB AND GUTTER REMOVAL (FT)		CONCRETE CURB REMOVAL (FT)		PAVEMENT REMOVAL (SQ YD)	
STATION	TO STATION	LT	RT	LT	RT	LT	RT
GRASS LAKE ROAD							
13+06	19+70					1325.8	1439.7
17+51	19+00				150		
17+86	19+00			113			
21+00	23+97				214		
21+00	24+55			135			
20+56	21+62						85.8
21+90	23+15						131.8
LAMBERT DRIVE				62	35		
WEST SHORE DRIVE				48	40		
ILLINOIS ROUTE 173							
25+88	28+62					134.4	
25+88	29+37				350		
25+88	28+97			308			
30+20	35+85				476		
30+20	35+70			548			
31+45	36+26						300.6
34+03	36+74					44.1	
36+02	36+54						67.1
36+85	37+21						46.7
CHESTNUT STREET							
50+44	50+90				52		
50+38	50+90			75			
LAKE STREET							
60+25	62+62			115			
60+25	61+59				30	104	
62+44	62+63					24	
NORTH AVENUE							
34+55	39+63			508			
36+39	39+39				299		
40+61	43+39			277			
40+38	43+50				313		
MEDIAN							
	SUBTOTAL	5,585	5,086	3,747	3,807	2,299	3,257

TOTALS:	
COMBINATION CURB AND GUTTER REMOVAL	10,671 FOOT
CONCRETE CURB REMOVAL	7,554 FOOT
PAVEMENT REMOVAL	5,556 SQ YD

LOCATION		PAVED SHOULDER REMOVAL (SQ YD)	
STATION	TO STATION	LT	RT
ILLINOIS ROUTE 83			
191+85	210+86		820.1
255+91	274+00		878.5
277+08	281+01		198.2
298+12	298+53	13.7	
298+27	304+08		129.2
308+07	309+35	108.1	
314+07	318+35	178.7	
333+33	334+91	37.3	
	SUBTOTAL	337.8	2026.0
TOTAL:			
PAVED SHOULDER REMOVAL			2,364 SQ YD

STATION	TO	STATION	GUARDRAIL REMOVAL FOOT	STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL TYPE 6	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TAGENT) EACH	TERMINAL MARKER DIRECT APPLIED EACH	GUARDRAIL MARKERS EACH	BARRIER WALL MARKERS EACH
206+20.00	RT	206+70.00				1	1	1	
206+70.00	RT	208+07.50		137.5				2	
207+78.60	LT	208+78.60				2	2	1	
208+07.50	RT	208+57.50				1	1	1	
214+20.00	RT	214+70.00				1	1	1	
214+70.00	RT	216+45.00		175				2	
215+72.50	LT	216+22.50				1	1	1	
216+22.50	LT	217+60.00		137.5				2	
216+45.00	RT	216+95.00				1	1	1	
217+60.00	LT	218+10.00				1	1	1	
229+52.50	LT	230+02.50				1	1	1	
230+02.50	LT	233+15.00		312.5				4	
231+16.00	RT	231+66.00				1	1	1	
231+66.00	RT	231+78.50		12.5				1	
231+78.50	RT	232+28.50				1	1	1	
233+15.00	LT	233+65.00				1	1	1	
237+89.65	RT	238+39.65				1	1	1	
238+39.65	RT	238+70.00			1			1	
238+70.00	RT	241+50.00							3
262+30.00	RT	262+80.00				1	1	1	
262+80.00	RT	263+92.50		112.5				2	
263+92.50	RT	264+42.50				1	1	1	
276+11.00	LT	276+61.00				1	1	1	
276+61.00	LT	277+86.00		125				2	
277+86.00	LT	278+36.00				1	1	1	
324+87.55	RT	326+48.15	141						
471+38.55	RT	471+99.20	61						
	TOTAL		202	1012.5	1	17	17	32	3

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS ROUTE 83	
		FROM THE WISCONSIN STATE LINE TO	
		NORTH OF PETITE LAKE ROAD	
		REMOVAL SCHEDULES	
		GUARDRAIL SCHEDULE	
		DATE: 1/30/09	DRAWN BY: WPD
			CHECKED BY: RJS
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.	
		CHICAGO, ILLINOIS	

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	31
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2(W,R)6,6A & 6 EXT) WRS-1

LOCATION	OFFSET	CONCRETE CURB TYPE B FOOT	CONCRETE GUTTER TYPE B FOOT	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 FOOT	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 FOOT	CLASS SI CONCRETE OUTLETS CY	AGGREGATE SUBGRADE 12" SY	PROTECTIVE COAT SY
IL ROUTE 83								
238+70.0	241+50.0	RT	280.0			2.6	54.4	54.4
241+79.7	248+86.4	RT			726.5		209.9	250.2
241+59.3	245+20.9	RT	361.7				0.0	40.2
245+57.5	247+58.0	RT	200.5				0.0	22.3
249+72.9	284+40.0	RT			3477.5		1004.6	1197.8
249+61.0	251+30.3	RT	161.6				0.0	18
281+54.6	283+26.5	RT	171.9				0.0	19.1
283+57.5	284+59.5	RT	102.0				0.0	11.3
317+83.2	337+36.7	RT			2030.3		586.5	699.3
324+28.5	324+82.2	RT	55.3				0.0	6.1
335+18.9	335+42.3	RT	23.4				0.0	2.6
401+16.3	402+35.4	RT	167.7				0.0	18.6
401+46.5	410+19.6	RT					256.6	305.9
407+21.5	407+98.0	RT		31.0			5.5	7.2
410+60.4	419+09.9	RT			911.1		263.2	313.8
419+35.0	423+42.7	RT			474.3		137.0	163.4
422+22.6	422+62.9	RT	45.0				0.0	5
422+99.5	423+36.8	RT	47.5				0.0	5.3
423+71.4	424+04.3	RT		53.9			9.6	12.6
433+00.7	435+77.4	RT			309.0		89.3	106.4
434+78.1	435+50.0	RT	71.9				0.0	8
436+12.9	442+86.8	RT			783.8		226.4	270
443+12.3	464+84.5	RT			2219.9		641.3	764.6
462+27.9	462+91.4	RT	64.0				0.0	7.1
463+20.6	463+73.7	RT	53.1				0.0	5.9
464+03.1	464+77.6	RT	103.5				0.0	11.5
465+53.1	467+54.0	RT			236.9	1.2	68.4	81.6
466+21.2	466+82.0	RT	60.8				0.0	6.8
467+34.0	467+37.8	RT	3.8				0.0	0.4
470+08.0	470+59.4	RT		57.0			10.1	13.3
471+07.4	471+59.2	RT		71.4			12.7	16.6
240+13.0	241+29.8	LT			103.8	5.2	30.0	35.8
241+49.1	245+40.2	LT			485.6		140.3	167.3
245+71.9	248+96.9	LT			365.2		105.5	125.8
246+60.0	247+02.3	LT	42.3				0.0	4.7
247+15.3	247+23.3	LT	8.0				0.0	0.9
247+36.3	249+48.5	LT	249.8				0.0	27.8
250+20.9	252+54.2	LT			263.0	1.1	76.0	90.6
250+92.9	251+19.6	LT	139.0				0.0	15.4
251+55.4	252+30.1	LT	74.7				0.0	8.3
257+51.3	258+25.5	LT			127.9	1.7	36.9	44.1
258+49.5	260+46.5	LT			245.6	4.0	71.0	84.6
282+51.4	289+59.0	LT	707.6				0.0	78.6
289+83.0	289+96.0	LT	13.0				0.0	1.4
290+20.5	290+60.3	LT	39.8				0.0	4.4
290+36.2	295+49.0	LT			604.9		174.7	208.3
295+72.3	311+94.7	LT			1835.4		530.2	632.2
299+18.5	299+37.7	LT	19.2				0.0	2.1
300+28.5	300+50.5	LT	22.0				0.0	2.4
300+75.5	301+53.3	LT	77.8				0.0	8.6
303+52.2	303+95.5	LT	43.3				0.0	4.8
304+11.5	304+43.0	LT	31.5				0.0	3.5
304+79.3	305+15.0	LT	35.7				0.0	4
305+39.0	306+62.0	LT	123.0				0.0	13.7
306+97.0	307+62.1	LT	65.1				0.0	7.2
312+15.1	318+95.6	LT			809.7		233.9	278.9
319+13.3	322+33.1	LT			443.7		128.2	152.8
319+34.6	322+15.9	LT	306.5				0.0	34.1
322+52.8	325+80.0	LT			453.1		130.9	156.1
326+01.5	329+49.1	LT			461.4		133.3	158.9
329+68.5	333+02.0	LT			443.8		128.2	152.9
333+28.9	337+54.0	LT			480.5		138.8	165.5
333+94.8	334+11.5	LT	16.8				0.0	1.9
334+28.5	334+53.0	LT	24.5				0.0	2.7
335+27.7	335+56.2	LT	28.5				0.0	3.2
335+92.2	338+16.3	LT	262.1				0.0	29.1
401+72.3	410+15.0	LT			1008.2		291.3	347.3
401+66.5	403+42.5	LT	199.5				0.0	22.2
410+39.0	420+15.8	LT			1044.6		301.8	359.8
420+38.9	423+65.9	LT			383.8		110.9	132.2

LOCATION	OFFSET	CONCRETE CURB TYPE B FOOT	CONCRETE GUTTER TYPE B FOOT	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 FOOT	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 FOOT	CLASS SI CONCRETE OUTLETS CY	AGGREGATE SUBGRADE 12" SY	PROTECTIVE COAT SY	
									FROM
IL ROUTE 83									
420+51.1	421+01.1	LT	50.0					0.0	
421+26.1	421+62.6	LT	36.5					0.0	
421+75.6	422+29.9	LT	54.3					0.0	
423+73.4	424+81.1	LT		116.4				20.7	
432+62.20	446+53.0	LT			1472.1			425.3	
446+80.0	455+11.3	LT			920.4			265.9	
455+32.5	460+39.4	LT			623.7			180.2	
460+54.9	464+53.9	LT			459.9			132.9	
465+33.3	466+10.4	LT	143.3					0.0	
465+42.5	467+85.3	LT			253.9			73.3	
466+46.6	466+53.8	LT	7.2					0.0	
470+08.0	470+59.4	LT		71.2				12.7	
471+07.4	471+59.2	LT		57.5				10.2	
490+24.0	492+89.5	LT		265.5		2.1		47.2	
490+75.0	492+39.2	LT	164.0			1.8		0.0	
GRASS LAKE ROAD									
13+06.1	19+80.4	RT			684.7			197.8	
20+69.6	21+64.5	RT			97.5			28.2	
21+02.1	21+58.0	RT		124.0				22.0	
21+92.3	23+15.5	RT		261.5				46.5	
22+00.4	23+16.5	RT			116.2			33.6	
23+16.5	24+38.1	RT		122.6				21.8	
13+06.1	18+94.3	LT			590.0			170.4	
20+40.4	21+42.7	LT			104.5			30.2	
21+78.4	22+12.0	LT			85.3			24.6	
22+31.9	23+97.0	LT		213.2				37.9	
23+93.1	23+97.0	LT			30.0			8.7	
24+12.6	24+85.5	LT		117.1				20.8	
IL ROUTE 173									
25+88.14	29+75.05	RT			398.6			115.1	
28+15.00	28+42.30	RT	27.3					0.0	
31+01.21	36+56.08	RT			557.0			160.9	
36+01.50	36+53.00	RT		62.1				11.0	
36+84.77	37+20.85	RT		43.1				7.7	
25+88.14	28+11.66	LT			223.5			64.6	
30+12.31	36+49.57	LT			651.0			188.1	
30+50.14	31+34.80	LT	97.5					0.0	
31+59.80	32+01.84	LT	42.0					0.0	
32+29.1	32+52.7	LT	23.6					0.0	
32+89.3	33+16.8	LT	27.5					0.0	
33+41.6	33+81.2	LT	39.6					0.0	
36+01.50	36+53.00	LT		60.2				10.7	
36+84.77	37+20.85	LT		44.9				8.0	
CHESTNUT STREET									
50+51.26	53+36.79	RT			287.6			83.1	
50+47.14	51+87.82	LT			151.4			43.7	
LAKE STREET									
60+43.20	61+70.23	RT		158.4				28.2	
60+28.44	62+62.67	LT		238.1				42.3	
NORTH AVENUE									
34+55.00	39+61.87	RT			524.7			151.6	
40+54.58	43+50.00	RT			297.4			85.9	
40+90.7	41+66.6	RT	76.1					0.0	
42+08.53	43+61.30	RT	152.8					0.0	
34+55.00	39+58.29	LT			505.3			146.0	
38+02.17	38+36.30	LT	34.1					0.0	
40+90.52	43+34.89	LT			245.1			70.8	
TOTAL			5,199	280	2,169	30,897	20	9,366	11,780

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD CURB & GUTTER SCHEDULE
NAME	DATE	
DATE: 1/30/09		DRAWN BY: WPD CHECKED BY: RJS
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS


CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

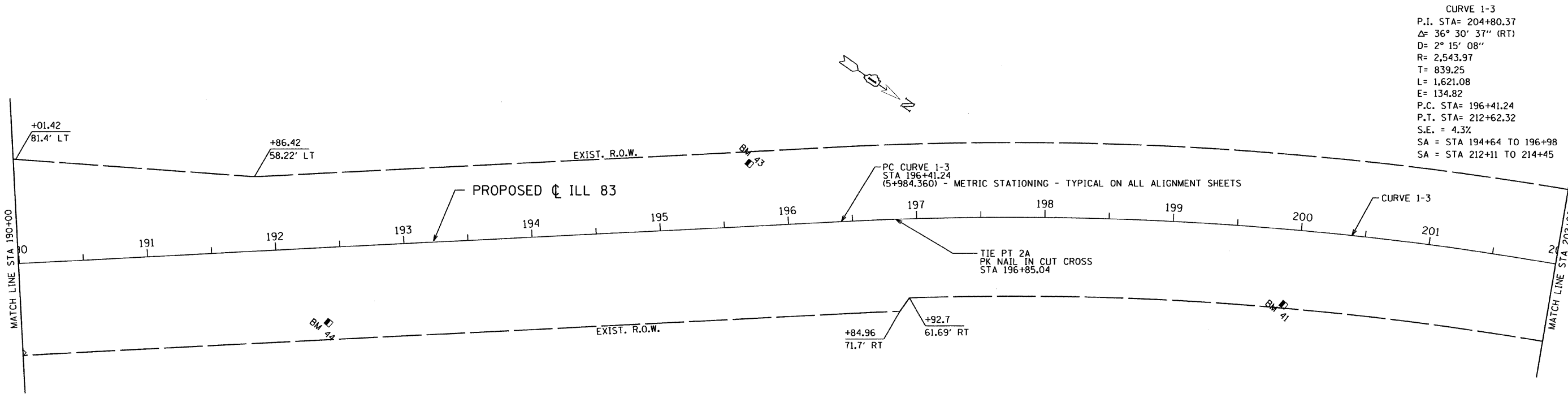
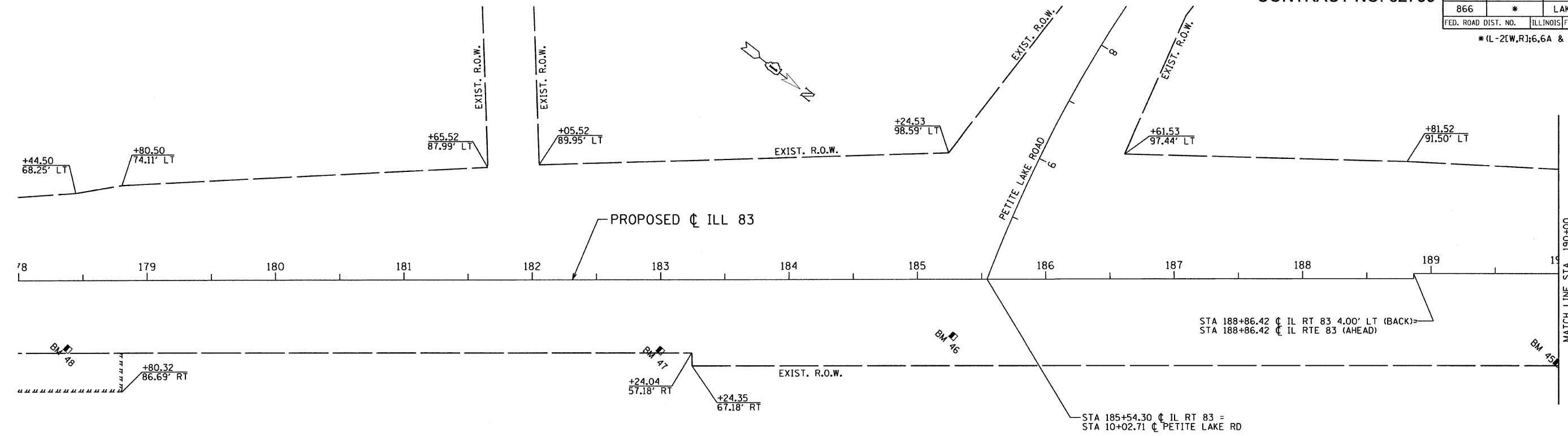
*(L-2[W,R];6,6A & 6 EXT) WRS-1

LOCATION	SIDEWALK REMOVAL		PCC SIDEWALK, 5"		DETECTABLE WARNINGS		PROTECTIVE COAT	
	SQ FT		SQ FT		SQ FT		SQ YD	
STATION TO STATION	LT	RT	LT	RT	LT	RT	LT	RT
ILLINOIS ROUTE 83								
325+89 (PARK) TO 329+20 (WINDSOR)	1,081	49	1,210	50	16	8	134	6
329+20 (WINDSOR) TO 332+85 (BUENA)	1,317		1,438		16		160	0
332+85 (BUENA) TO 338+09 (IL RTE 173)	1,126		1,709		16		190	0
338+09 (IL RTE 173) TO 410+27 (HARDEN)	4,042		4,757		24		529	0
338+09 (IL RTE 173) TO 410+59 (CHESTNUT)		3,633		3,618		16	0	402
410+27 (HARDEN) TO 420+08 (WILTON DRIVE)	3,864		3,832		16		426	0
410+59 (CHESTNUT) TO 419+44 (IDA)		3,320		3,547		16	0	394
419+44 (IDA) TO 423+74 (PARK)		1,895		1,773		16	0	197
423+74 (PARK) TO 432+21 (ORCHARD)				167			0	19
420+08 (WILTON DRIVE) TO 423+74 (LAKE)	1,089		770		16		86	0
432+21 (ORCHARD) TO 446+71 (POPLAR)	5,640		5,689		8		632	0
432+21 (ORCHARD) TO 435+77 (DEPOT)		1,880		1,315		8	0	146
435+77 (DEPOT) TO 442+90 (WILLIAMS)		2,859		2,921		16	0	325
442+90 (WILLIAMS) TO 460+20 (JOHANNA)		6,661		6,316		8	0	702
446+71 (POPLAR) TO 455+34 (FIRST)	3,156		3,688		16		410	0
455+34 (FIRST) TO 460+60 (SECOND)	2,063		2,062		16		229	0
460+20 (JOHANNA) TO 465+13 (NORTH)		722		1,228		24	0	136
460+60 (SECOND) TO 465+13 (NORTH)	2,030		2,143		16		238	0
IL RTE 173							0	0
26+43 TO 29+55		704		1,413			0	157
30+25 TO 33+25			1,201				133	0
CHESTNUT STREET							0	0
50+41 TO 52+60		585		1,076		16	0	120
NORTH AVENUE							0	0
36+22 TO 39+40		1,368		1,250			0	139
40+30 TO 43+28		1,196		2,284			0	254
40+77 TO 43+57	1,227		1,014				113	0
SUBTOTAL	26,635	24,872	29,513	26,958	160	128	3,280	2,997
TOTALS	51,507		56,471		288		6,277	

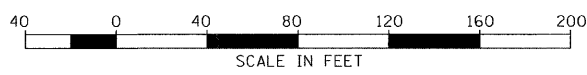
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SIDEWALK SCHEDULE DATE: 1/30/09	DRAWN BY: WPD
NAME	DATE		CHECKED BY: RJS
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS	

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	34
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(LW,R);6,6A & 6 EXT) WRS-1				



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
41	199+91.23	58.89 RT	795.07	PK NAIL W. FACE CABLE POLE ON E. SIDE RT. 83, ACROSS FROM TRANSF. POLE
43	195+72.03	49.06 LT	788.63	'C' CUT TOP W. HEADWALL OF 36" BOX CULVERT, 100' S. OF P.C. @ DRIVEWAY
44	192+38.24	58.46 RT	794.46	PK NAIL IN TRANSF. POLE E. SIDE RT.83, 600' N. PETITE LAKE RD.



REVISIONS	
NAME	DATE

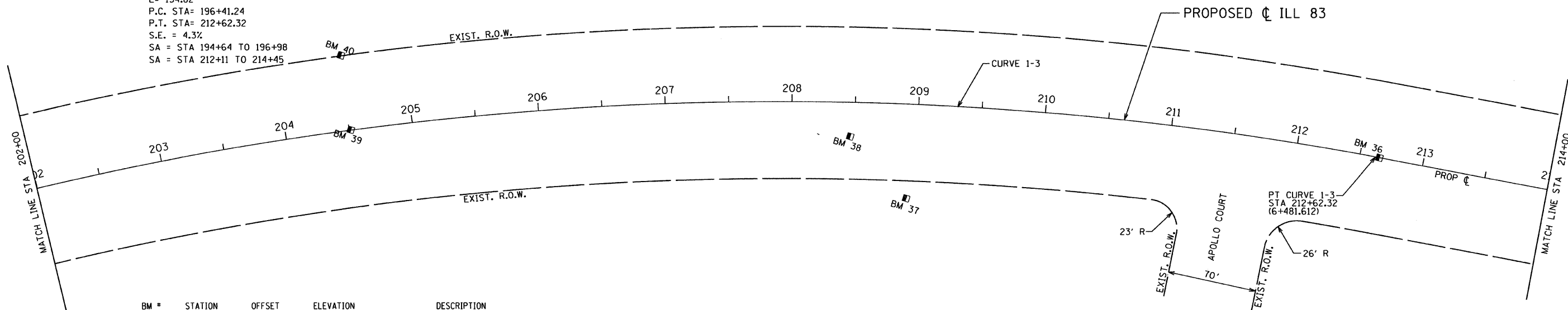
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 178+00 TO STA 202+00
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

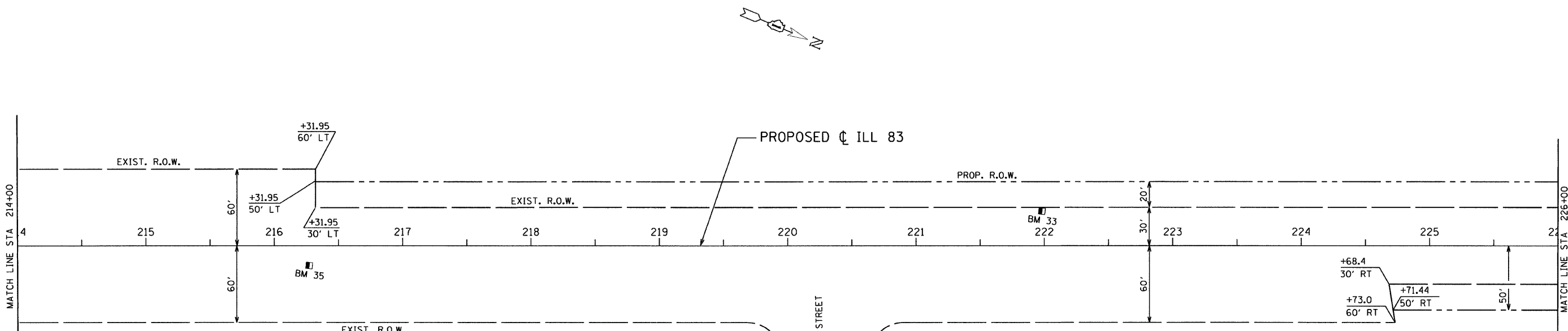
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	35
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2[W,R];6,6A & 6 EXT) WRS-1				

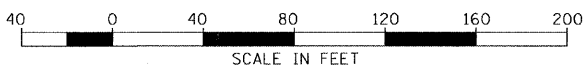
CURVE 1-3
 P.I. STA= 204+80.37
 Δ= 36° 30' 37" (RT)
 D= 2° 15' 08"
 R= 2,543.97
 T= 839.25
 L= 1,621.08
 E= 134.82
 P.C. STA= 196+41.24
 P.T. STA= 212+62.32
 S.E. = 4.3%
 SA = STA 194+64 TO 196+98
 SA = STA 212+11 TO 214+45



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
36	212+65.45	0.03 RT	787.31	BRASS IDOT MONUMENT 100 FT N OF APOLLO CT.
37	208+92.98	74.42 RT	787.03	'□' CUT ON CONC. SIGN BASE "MART FURNITURE", E. SIDE RTE 83 AND APPROX. 200 FT S. APOLLO CT.
38	208+46.45	26.94 RT	790.12	'□' CUT ON TOP E. HEADWALL OF 48" ROUND CULVERT UNDER RTE 83, APPROX. 300 FT. S. APOLLO CT.
40	204+51.45	59.50 LT	795.81	TOP CONC. ROW MONUMENT W. SIDE RTE 83
39	204+51.35	0.21 LT	796.5	BRASS IDOT MONUMENT @ C.L. RTE 83



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
33	221+98.15	27.08 LT	787.38	PK NAIL IN E. FACE PP ON W. SIDE RTE 83 @ GRAVEL ROAD 100 FT N. OF WALL ST.
35	216+27.22	15.41 RT	783.76	ROUGH '□' CUT TOP E. HEADWALL OF BOX CULVERT UNDER RTE 83, S. OF WALL ST.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 202+00 TO STA 226+00
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

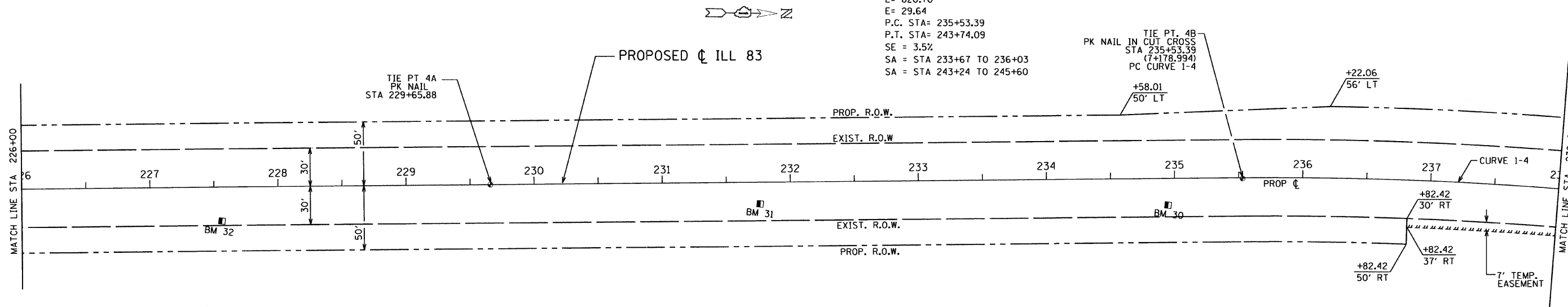
GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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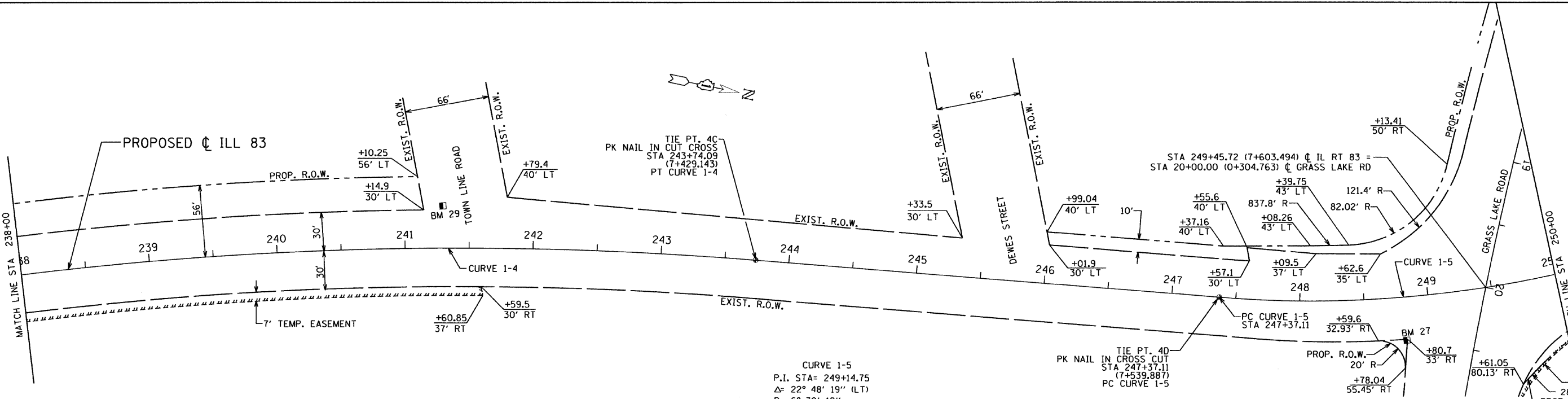
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	36
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2LW,R)6,6A & 6 EXT) WRS-1

CURVE 1-4
 P.I. STA= 239+66.57
 $\Delta = 16^\circ 24' 49''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.87$
 $T = 413.18$
 $L = 820.70$
 $E = 29.64$
 P.C. STA= 235+53.39
 P.T. STA= 243+74.09
 $SE = 3.5\%$
 $SA = STA 233+67$ TO $236+03$
 $SA = STA 243+24$ TO $245+60$

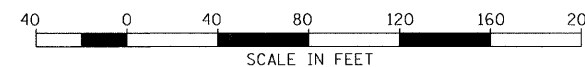


BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
30	234+94.74	20.86 RT	782.69	'C' CUT ON HEADWALL OF GRAVEL DRIVE AT #77
31	231+76.43	16.33 RT	777.88	'C' CUT NEAR NORTH END HEADWALL ON EAST SIDE RTE 83 AND APPROX. 1000 FT S. OF TOWN LINE RD.
32	227+56.10	26.53 RT	780.08	RR SPIKE IN CABLE POLE ON E. SIDE RT. 83 @ DRIVE TO NEW BLDG., 500' N. OF WALL ST.



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
27	248+80.99	33.77 RT	784.68	'C' CUT SW CORNER CONC. BASE IDOT TRAFFIC CONTROL BOX AT SE CORNER RTE 83 AND GRASS LAKE RD.
29	241+29.71	33.14 LT	783.89	'C' ON TOP CONC. HEADWALL AT SW CORNER RTE 83 AND TOWN LINE RD.

CURVE 1-5
 P.I. STA= 249+14.75
 $\Delta = 22^\circ 48' 19''$ (LT)
 $D = 6^\circ 30' 18''$
 $R = 880.80$
 $T = 177.64$
 $L = 350.58$
 $E = 17.74$
 P.C. STA= 247+37.11
 P.T. STA= 250+87.69
 $SE = 2.0\%$
 $SA = 245+37$ TO $247+77$
 $SA = 250+48$ TO $252+88$



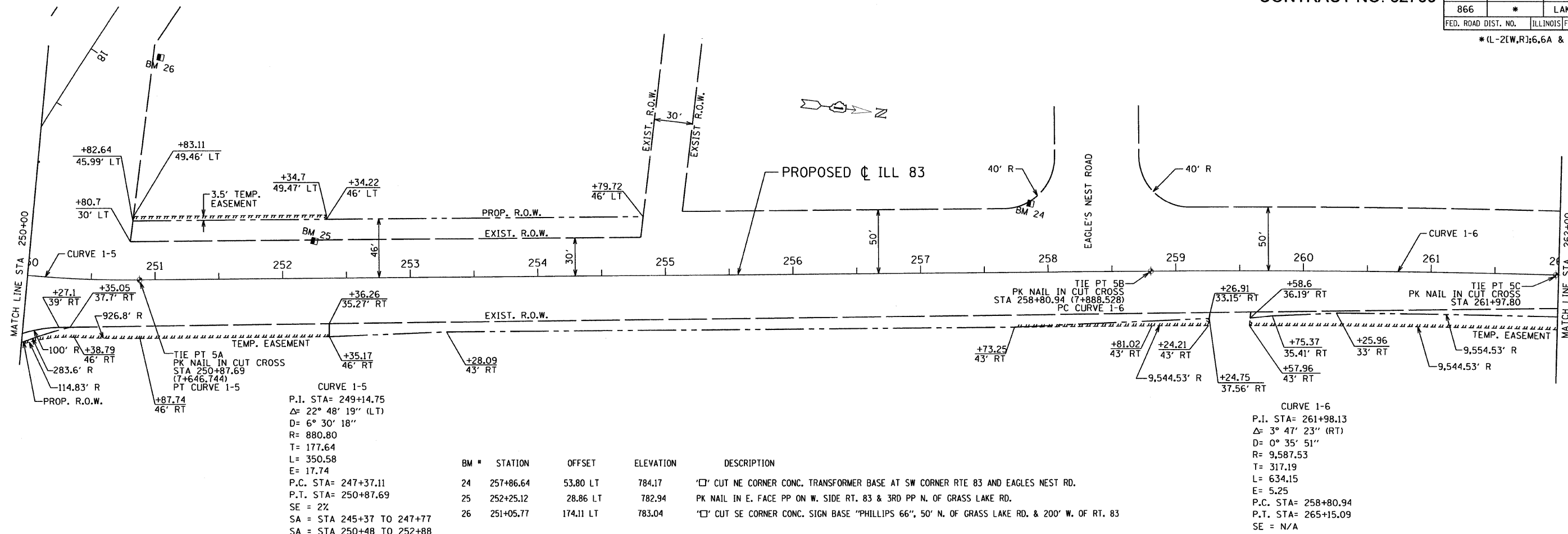
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 226+00 TO STA 250+00

DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

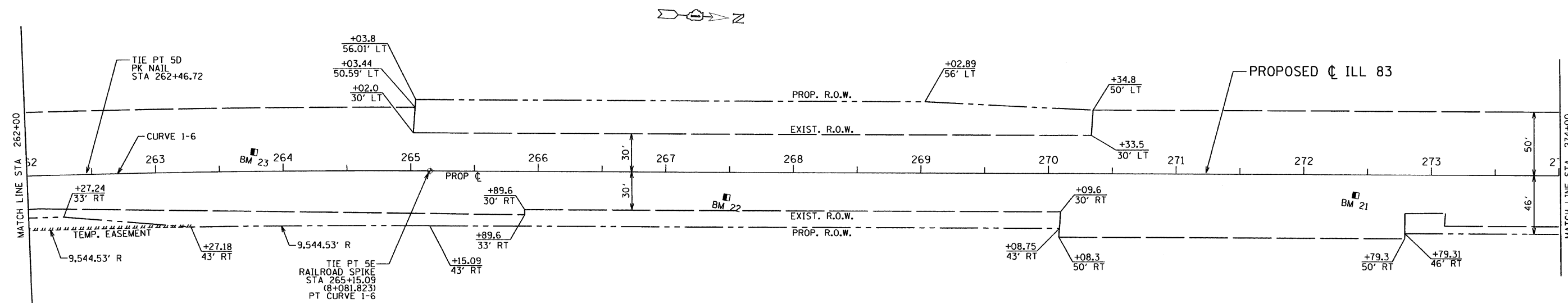
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	37
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



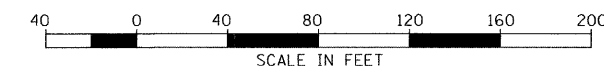
CURVE 1-5
 P.I. STA= 249+14.75
 Δ = 22° 48' 19" (LT)
 D= 6° 30' 18"
 R= 880.80
 T= 177.64
 L= 350.58
 E= 17.74
 P.C. STA= 247+37.11
 P.T. STA= 250+87.69
 SE = 2%
 SA = STA 245+37 TO 247+77
 SA = STA 250+48 TO 252+88

CURVE 1-6
 P.I. STA= 261+98.13
 Δ = 3° 47' 23" (RT)
 D= 0° 35' 51"
 R= 9,587.53
 T= 317.19
 L= 634.15
 E= 5.25
 P.C. STA= 258+80.94
 P.T. STA= 265+15.09
 SE = N/A

BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
24	257+86.64	53.80 LT	784.17	'C' CUT NE CORNER CONC. TRANSFORMER BASE AT SW CORNER RTE 83 AND EAGLES NEST RD.
25	252+25.12	28.86 LT	782.94	PK NAIL IN E. FACE PP ON W. SIDE RT. 83 & 3RD PP N. OF GRASS LAKE RD.
26	251+05.77	174.11 LT	783.04	'C' CUT SE CORNER CONC. SIGN BASE "PHILLIPS 66", 50' N. OF GRASS LAKE RD. & 200' W. OF RT. 83



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
21	272+40.70	16.27 RT	783.85	PK NAIL 5' E. OF EP IN BITUM. DRIVE #40523
22	267+47.73	19.72 RT	789.10	'C' CUT TOP CONC. HEADWALL ON E. SIDE RTE 83 ACROSS STREET FROM #40470
23	263+77.48	15.18 LT	780.97	'C' CUT TOP CONC. HEADWALL OF 3' BOX CULVERT ON W. SIDE RTE 83, APPROX. 500 FT N. OF EAGLES NEST RD.



REVISIONS	
NAME	DATE

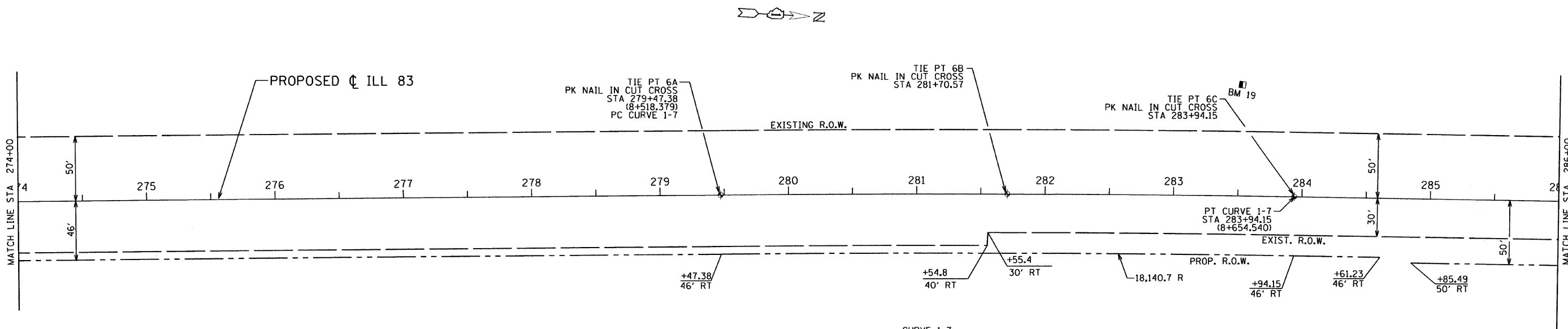
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 250+00 TO STA 274+00

DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

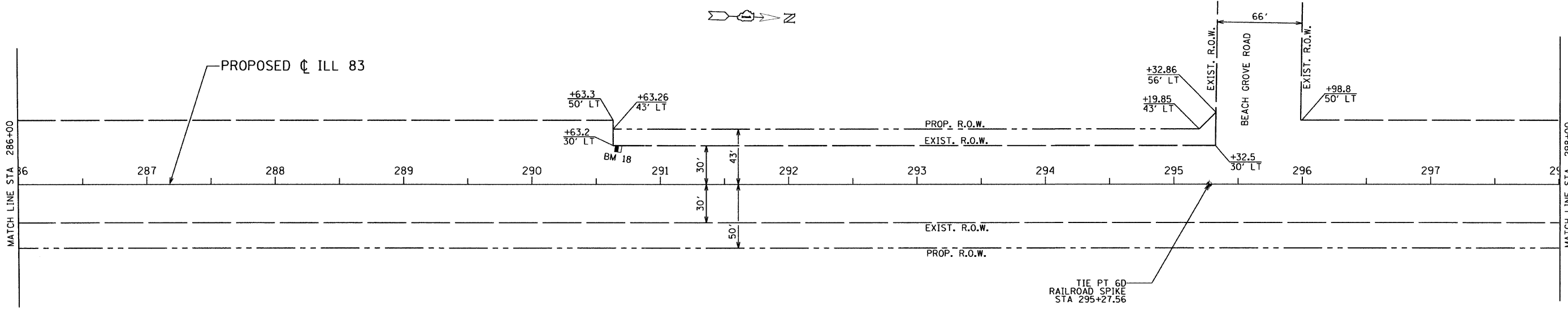
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	38
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2LW,R);6,6A & 6 EXT) WRS-1				

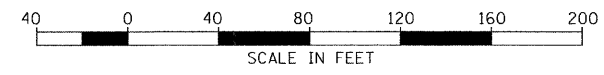


BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
19	283+52.61	86.58 LT	787.93	"4" AT NE CORNER CONC. SIGN BASE - "GEORGETOWN FURNITURE & BEDDING" #40732

CURVE 1-7
 P.I. STA= 281+70.78
 Δ= 1° 24' 27" (RT)
 D= 0° 18' 54"
 R= 18,186.70
 T= 223.39
 L= 446.77
 E= 1.37
 P.C. STA= 279+47.38
 P.T. STA= 283+94.15
 SE = N/A



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
18	290+67.18	27.67 LT	787.04	PK IN FACE PP W/TWO TRANSFORMERS ON W. SIDE RTE 83 AT #40930 - "ANTIOCH SMALL ENGINE"



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 274+00 TO STA 298+00

DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

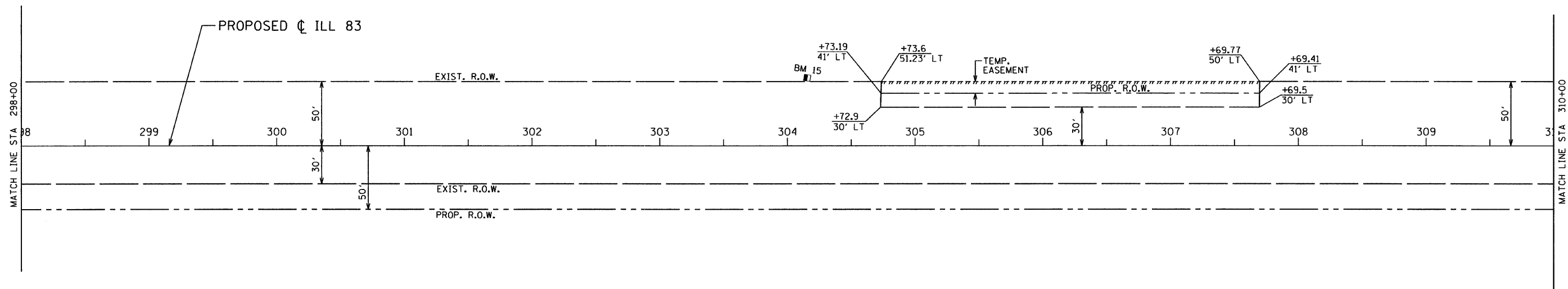
GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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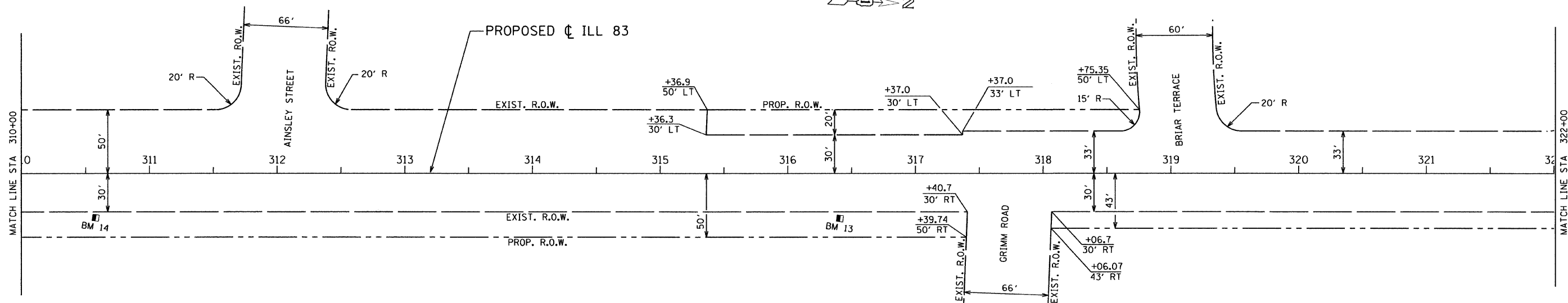
AT-5

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	39
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

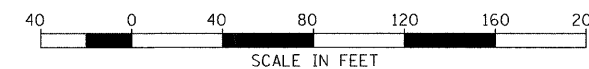
*(L-2(LW,R);6,6A & 6 EXT) WRS-1



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
15	304+15.47	52.98 LT	791.6	'X' CUT SE 3' HIGH CONC. SIGN BASE OF "A-Z RENTAL CENTER" @ 1530 S. MAIN ST.ON W. SIDE RT. 83



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
13	316+40.88	35.10 RT	794.05	"X" CUT SE FLANGE BOLT OF FH ON E. SIDE RTE 83, 140 FT. S. OF GRIMM RD.
14	310+57.82	34.57 RT	788.76	"X" CUT SE FLANGE BOLT OF FH ON E. SIDE RTE 83, 140 FT S. OF AINSLEY ST.



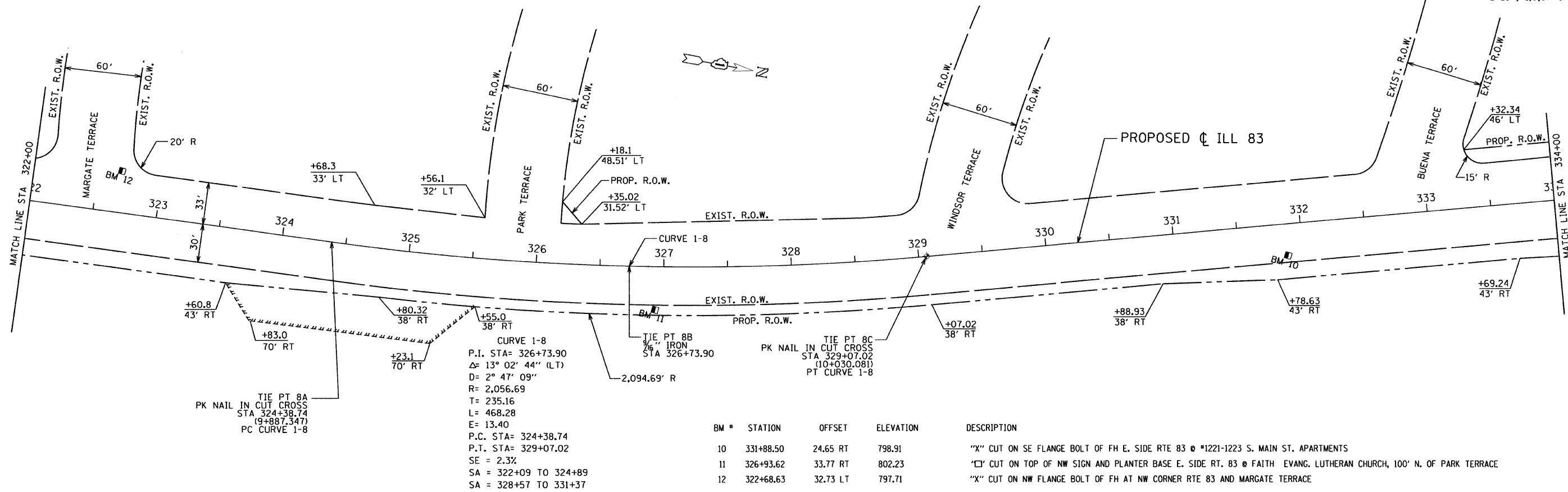
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT & TIE PLAN STA 298+00 TO STA 322+00
NAME	DATE	

DATE: 1/30/09

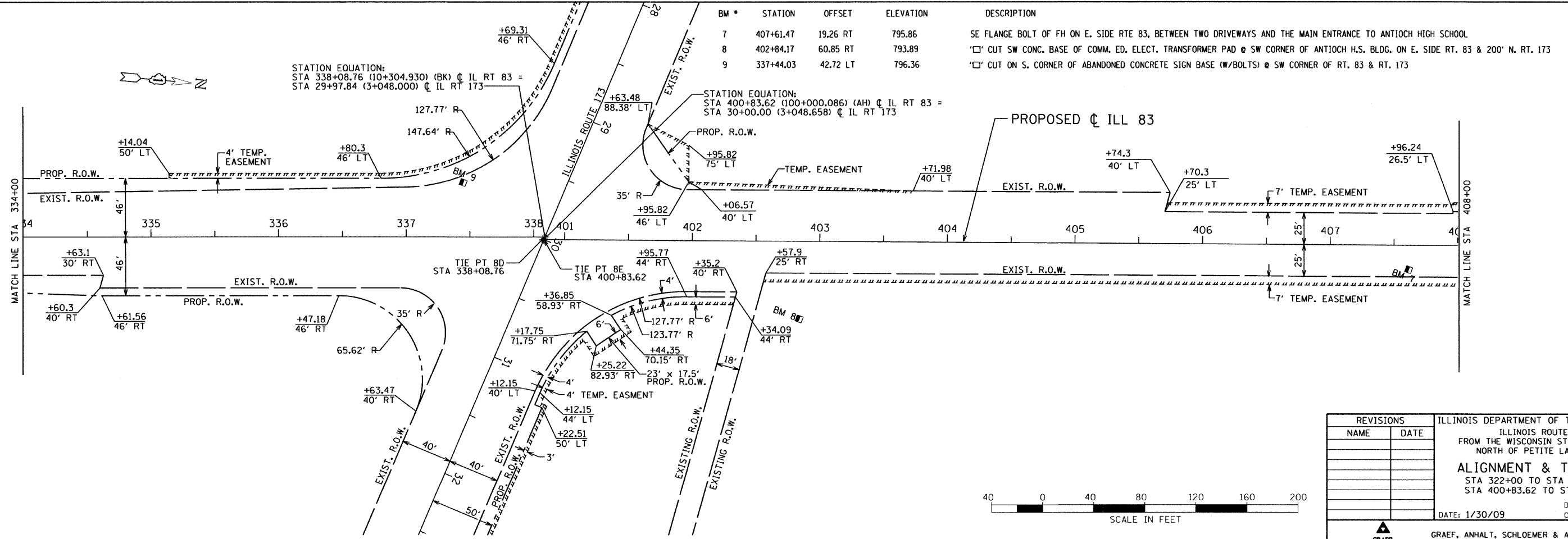
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CHECKED BY: MW

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	40
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*(L-2(LW,R);6,6A & 6 EXT) WRS-1		



CURVE 1-8
 P.I. STA= 326+73.90
 $\Delta = 13^\circ 02' 44''$ (LT)
 $D = 2^\circ 47' 09''$
 $R = 2,056.69$
 $T = 235.16$
 $L = 468.28$
 $E = 13.40$
 P.C. STA= 324+38.74
 P.T. STA= 329+07.02
 $SE = 2.3\%$
 $SA = 322+09$ TO $324+89$
 $SA = 328+57$ TO $331+37$

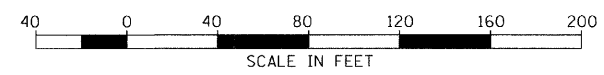
BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
10	331+88.50	24.65 RT	798.91	"X" CUT ON SE FLANGE BOLT OF FH E. SIDE RTE 83 @ *1221-1223 S. MAIN ST. APARTMENTS
11	326+93.62	33.77 RT	802.23	"□" CUT ON TOP OF NW SIGN AND PLANTER BASE E. SIDE RT. 83 @ FAITH EVANG. LUTHERAN CHURCH, 100' N. OF PARK TERRACE
12	322+68.63	32.73 LT	797.71	"X" CUT ON NW FLANGE BOLT OF FH AT NW CORNER RTE 83 AND MARGATE TERRACE



STATION EQUATION:
 STA 338+08.76 (10+304.930) (BK) $\text{CL RT 83} =$
 STA 29+97.84 (3+048.000) CL RT 173

STATION EQUATION:
 STA 400+83.62 (100+000.086) (AH) $\text{CL RT 83} =$
 STA 30+00.00 (3+048.658) CL RT 173

BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
7	407+61.47	19.26 RT	795.86	SE FLANGE BOLT OF FH ON E. SIDE RTE 83, BETWEEN TWO DRIVEWAYS AND THE MAIN ENTRANCE TO ANTIOCH HIGH SCHOOL
8	402+84.17	60.85 RT	793.89	"□" CUT SW CONC. BASE OF COMM. ED. ELECT. TRANSFORMER PAD @ SW CORNER OF ANTIOCH H.S. BLDG. ON E. SIDE RT. 83 & 200' N. RT. 173
9	337+44.03	42.72 LT	796.36	"□" CUT ON S. CORNER OF ABANDONED CONCRETE SIGN BASE (W/BOLTS) @ SW CORNER OF RT. 83 & RT. 173



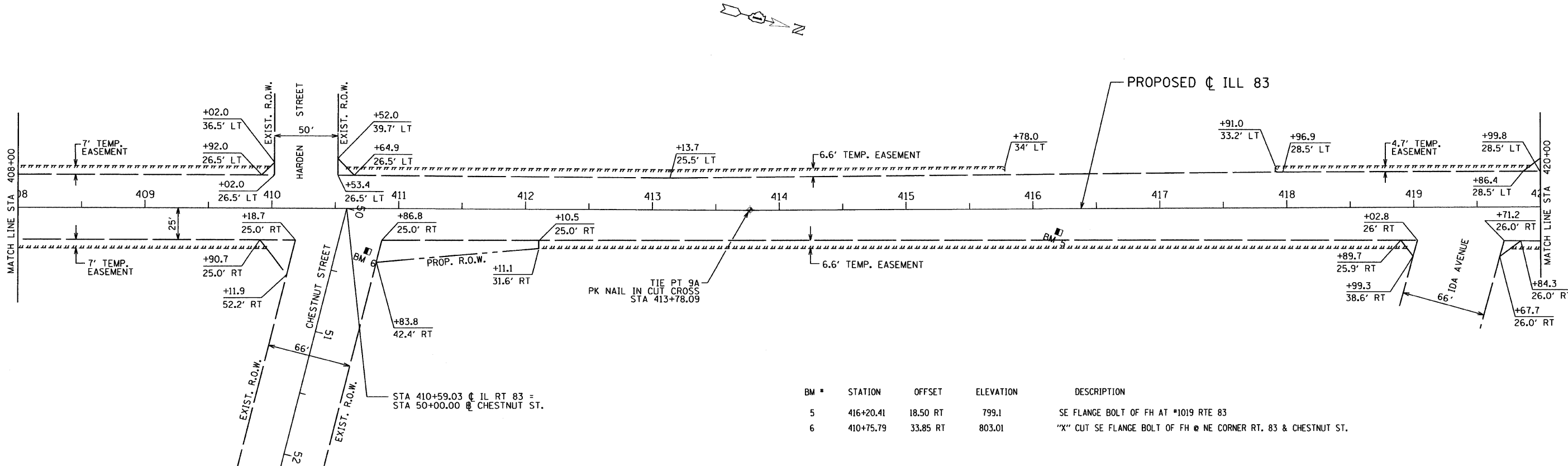
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 322+00 TO STA 338+08.76
 STA 400+83.62 TO STA 408+00
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

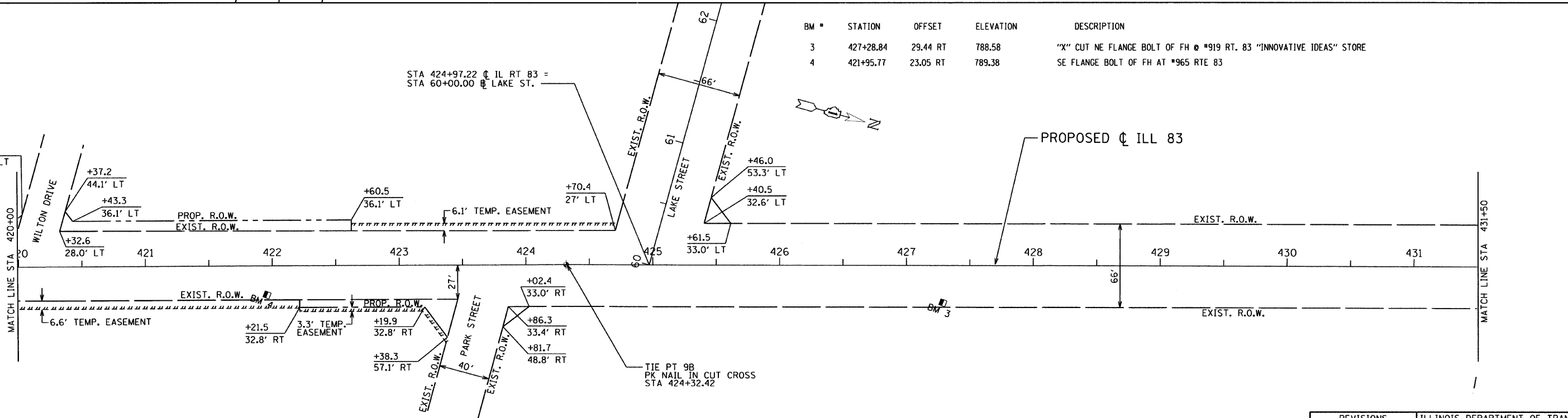
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	41
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

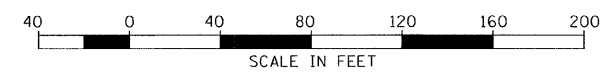
*(L-2(LW,R);6,6A & 6 EXT) WRS-1



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
5	416+20.41	18.50 RT	799.1	SE FLANGE BOLT OF FH AT #1019 RTE 83
6	410+75.79	33.85 RT	803.01	"X" CUT SE FLANGE BOLT OF FH @ NE CORNER RT. 83 & CHESTNUT ST.



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
3	427+28.84	29.44 RT	788.58	"X" CUT NE FLANGE BOLT OF FH @ #919 RT. 83 "INNOVATIVE IDEAS" STORE
4	421+95.77	23.05 RT	789.38	SE FLANGE BOLT OF FH AT #965 RTE 83



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 408+00 TO STA 431+50
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

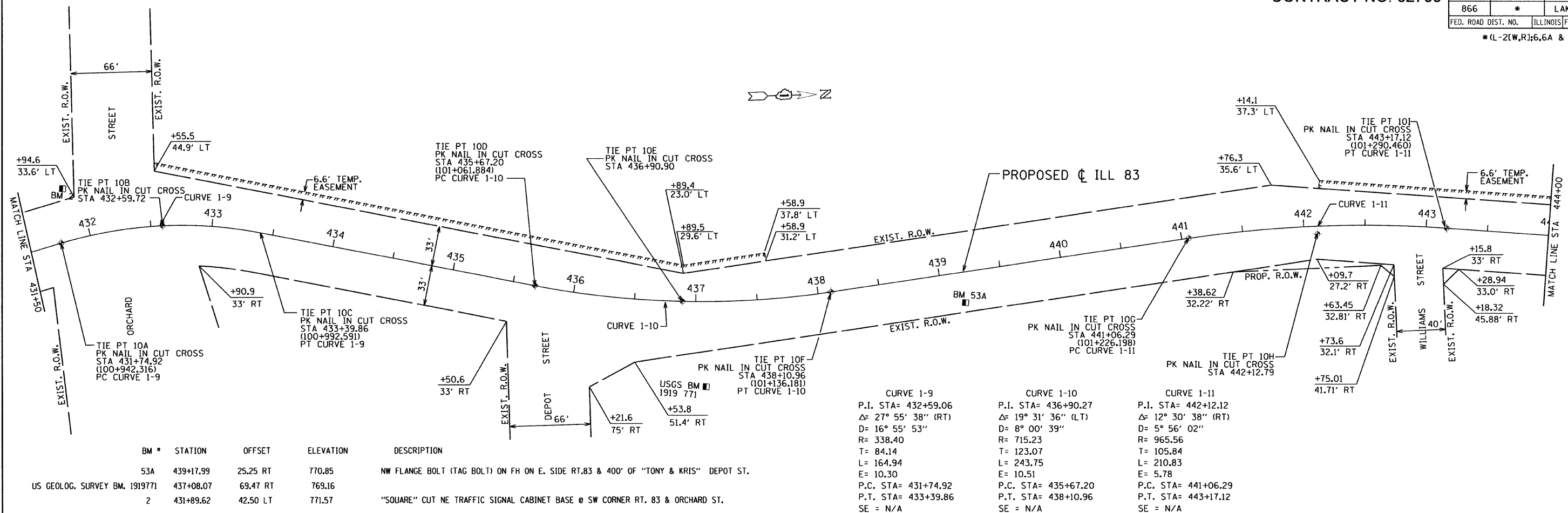
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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AT-8

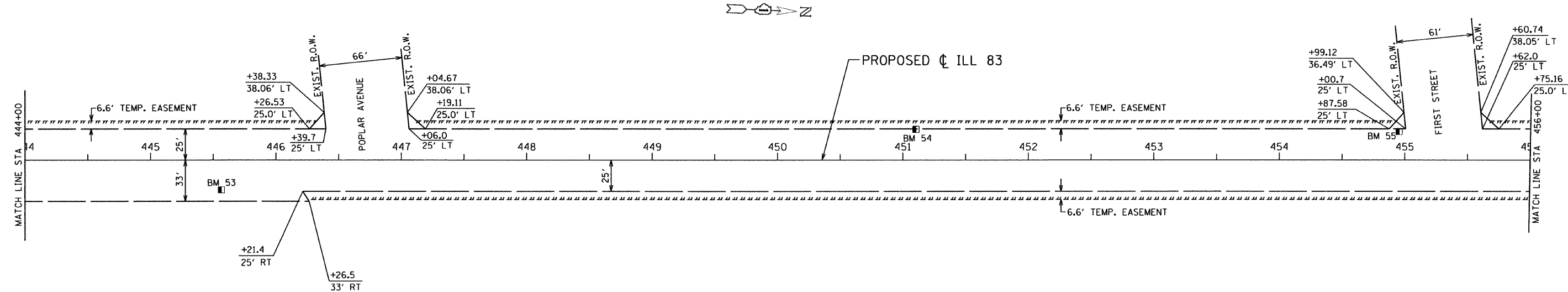
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	42
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1

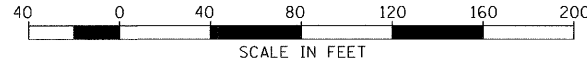


BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
53A	439+17.99	25.25 RT	770.85	NW FLANGE BOLT (TAG BOLT) ON FH ON E. SIDE RT.83 & 400' OF "TONY & KRIS" DEPOT ST.
US GEOLOG. SURVEY BM. 1919771	437+08.07	69.47 RT	769.16	
2	431+89.62	42.50 LT	771.57	"SQUARE" CUT NE TRAFFIC SIGNAL CABINET BASE @ SW CORNER RT. 83 & ORCHARD ST.

CURVE 1-9	CURVE 1-10	CURVE 1-11
P.I. STA= 432+59.06	P.I. STA= 436+90.27	P.I. STA= 442+12.12
Δ= 27° 55' 38" (RT)	Δ= 19° 31' 36" (LT)	Δ= 12° 30' 38" (RT)
D= 16° 55' 53"	D= 8° 00' 39"	D= 5° 56' 02"
R= 338.40	R= 715.23	R= 965.56
T= 84.14	T= 123.07	T= 105.84
L= 164.94	L= 243.75	L= 210.83
E= 10.30	E= 10.51	E= 5.78
P.C. STA= 431+74.92	P.C. STA= 435+67.20	P.C. STA= 441+06.29
P.T. STA= 433+39.86	P.T. STA= 438+10.96	P.T. STA= 443+17.12
SE = N/A	SE = N/A	SE = N/A



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
55	454+95.58	22.88 LT	797.32	CUT '□' AT SW CORNER OF FIRST ST. AND RTE 83 ON CONC. WALL 1' HIGH
54	451+10.41	24.68 LT	787.34	CUT '□' AT NW CORNER OF WINDSOR DR. AND RTE 83 ON CONC. WALL 1' HIGH
53	445+56.61	23.72 RT	774.97	SE FLANGE BOLT OF FH AT SW CORNER OF POPLAR AVE AND RTE 83



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
STA 431+50 TO STA 456+00

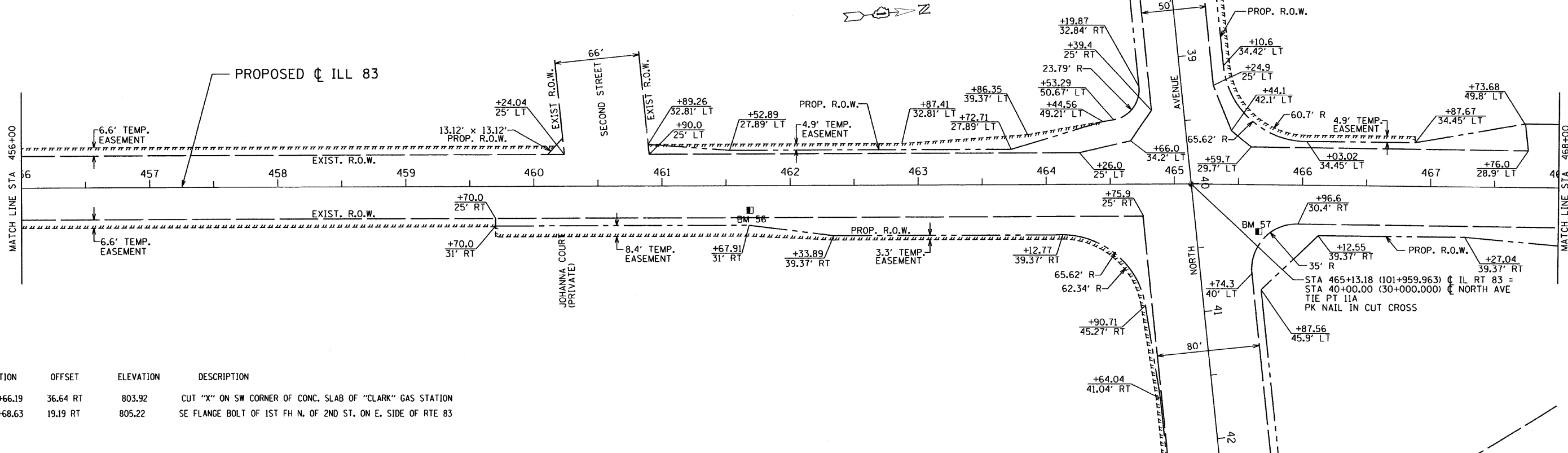
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DRAWN BY: BR
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GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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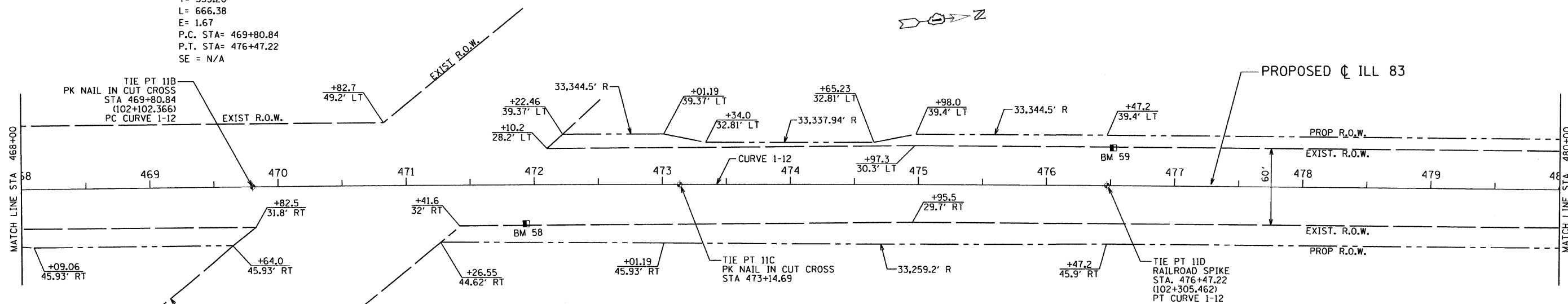
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1

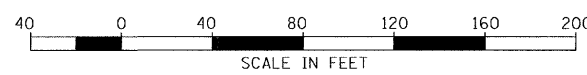


BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
57	465+66.19	36.64 RT	803.92	CUT "X" ON SW CORNER OF CONC. SLAB OF "CLARK" GAS STATION
56	461+68.63	19.19 RT	805.22	SE FLANGE BOLT OF 1ST FH N. OF 2ND ST. ON E. SIDE OF RTE 83

CURVE 1-12
 P.I. STA= 473+14.04
 Δ= 1° 08' 47" (RT)
 D= 0° 10' 19"
 R= 33,305.13
 T= 333.20
 L= 666.38
 E= 1.67
 P.C. STA= 469+80.84
 P.T. STA= 476+47.22
 SE = N/A



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
59	476+52.05	29.39 LT	813.21	SE FLANGE BOLT OF FH, SE OF "MAKI & ASSOCIATES" ON W. SIDE OF RTE 83
58	471+93.79	30.60 RT	809.34	SE FLANGE BOLT OF 1ST FH N. OF RR TRACKS ON E. SIDE OF RTE 83



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 STA 456+00 TO STA 480+00
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

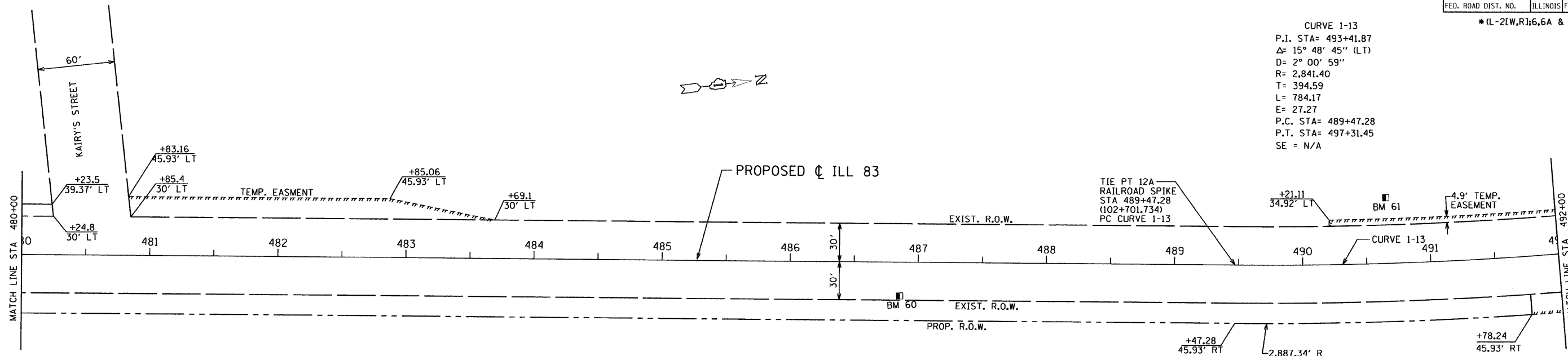
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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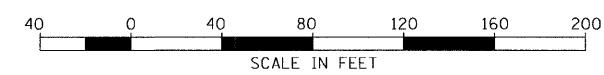
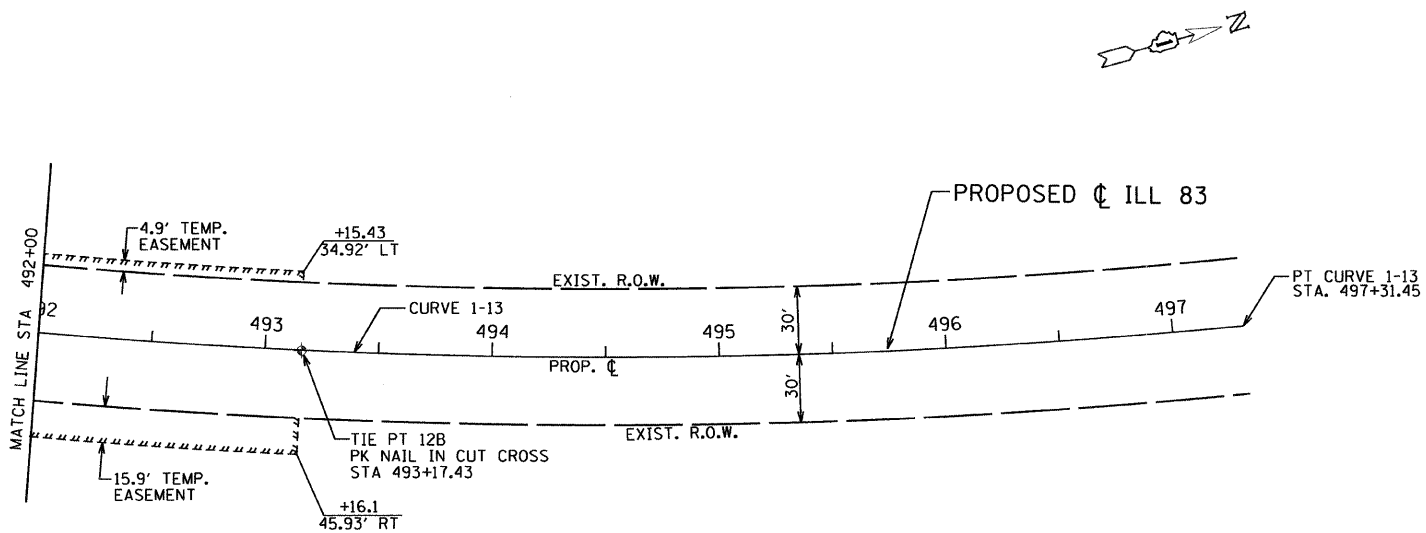
AT-10

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	44
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*(L-2(W,R);6,6A & 6 EXT) WRS-1		

CURVE 1-13
 P.I. STA= 493+41.87
 Δ= 15° 48' 45" (LT)
 D= 2° 00' 59"
 R= 2,841.40
 T= 394.59
 L= 784.17
 E= 27.27
 P.C. STA= 489+47.28
 P.T. STA= 497+31.45
 SE = N/A



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
61	490+66.50	51.46 LT	822.66	NAIL ON E. SIDE OF PP ON W. SIDE OF RTE 83, 30 FT S. OF "SBD ACOUSTICAL, INC." AND 150 FT S. OF WISCONSIN BORDER
60	486+85.71	26.69 RT	811.08	SE FLANGE BOLT OF FH ON E. SIDE OF RTE 83, E. OF STORAGE LOT, 1000 FT W. OF RTE 83



AT-11

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT & TIE PLAN STA 480+00 TO STA 497+31.45
NAME	DATE	

DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

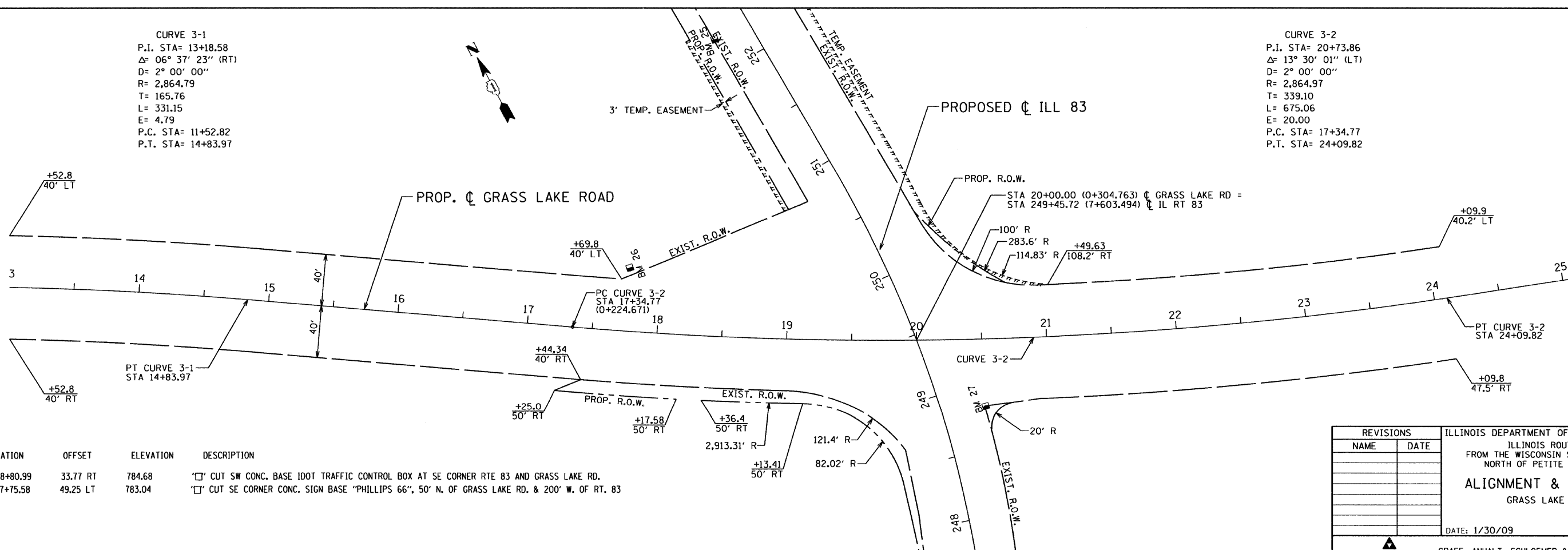
GRAEF ANHALT SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	45
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				

CURVE 3-1
 P.I. STA= 13+18.58
 Δ = 06° 37' 23" (RT)
 D= 2° 00' 00"
 R= 2,864.79
 T= 165.76
 L= 331.15
 E= 4.79
 P.C. STA= 11+52.82
 P.T. STA= 14+83.97

CURVE 3-2
 P.I. STA= 20+73.86
 Δ = 13° 30' 01" (LT)
 D= 2° 00' 00"
 R= 2,864.97
 T= 339.10
 L= 675.06
 E= 20.00
 P.C. STA= 17+34.77
 P.T. STA= 24+09.82



BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
27	248+80.99	33.77 RT	784.68	'□' CUT SW CONC. BASE IDOT TRAFFIC CONTROL BOX AT SE CORNER RTE 83 AND GRASS LAKE RD.
26	17+75.58	49.25 LT	783.04	'□' CUT SE CORNER CONC. SIGN BASE "PHILLIPS 66", 50' N. OF GRASS LAKE RD. & 200' W. OF RT. 83

REVISIONS	
NAME	DATE

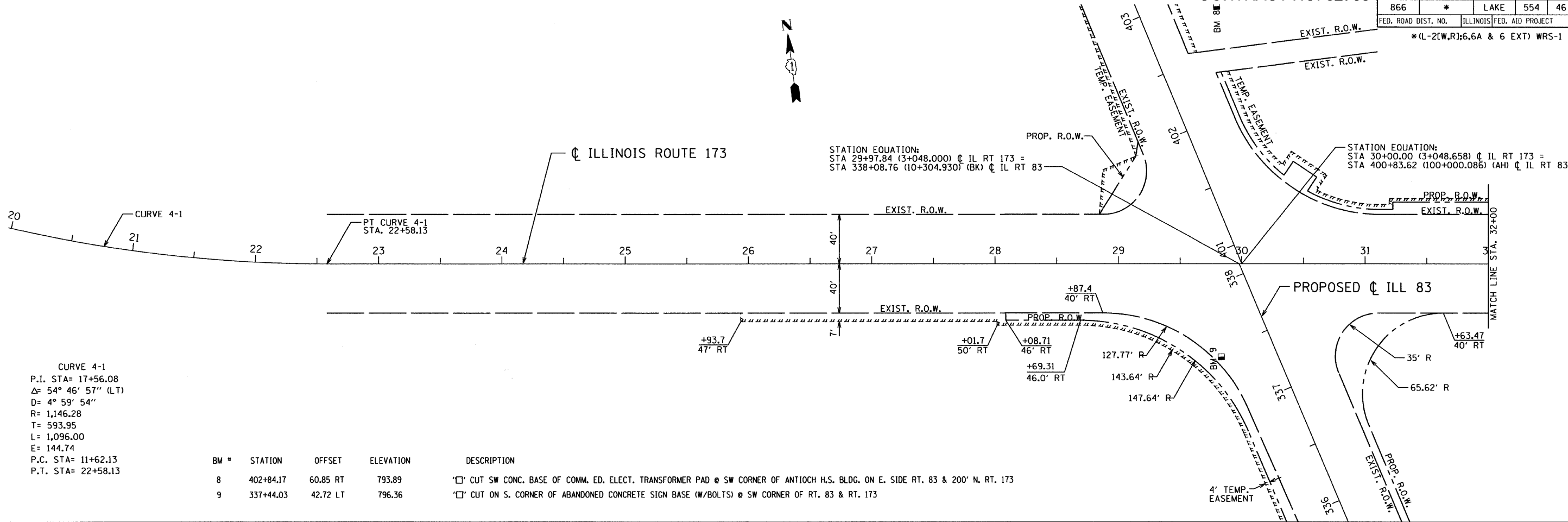
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
ALIGNMENT & TIE PLAN
 GRASS LAKE ROAD
 DATE: 1/30/09
 DRAWN BY: BR
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

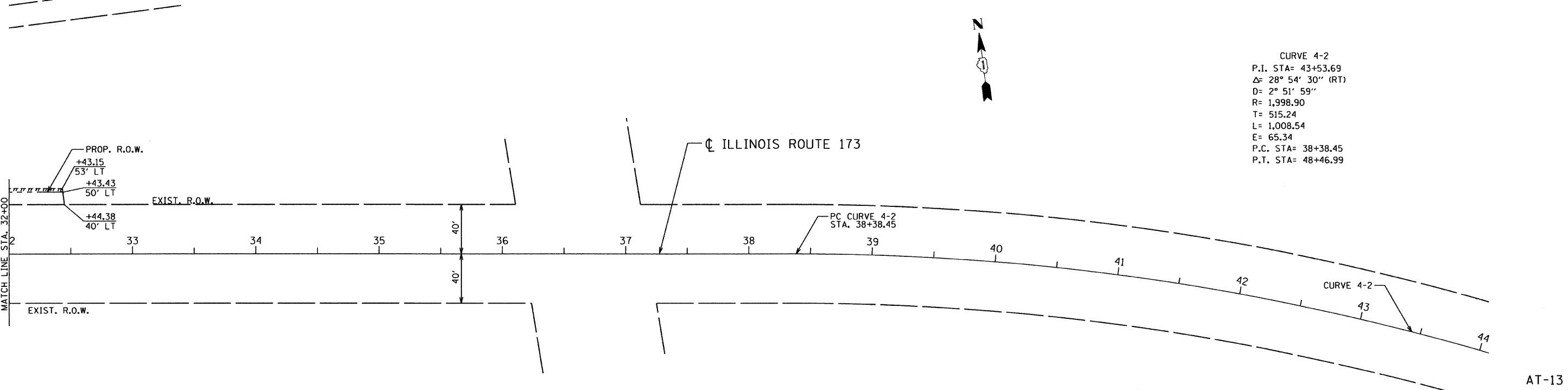
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AT-12

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	46
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		* (L-2(W,R); 6, 6A & 6 EXT) WRS-1	



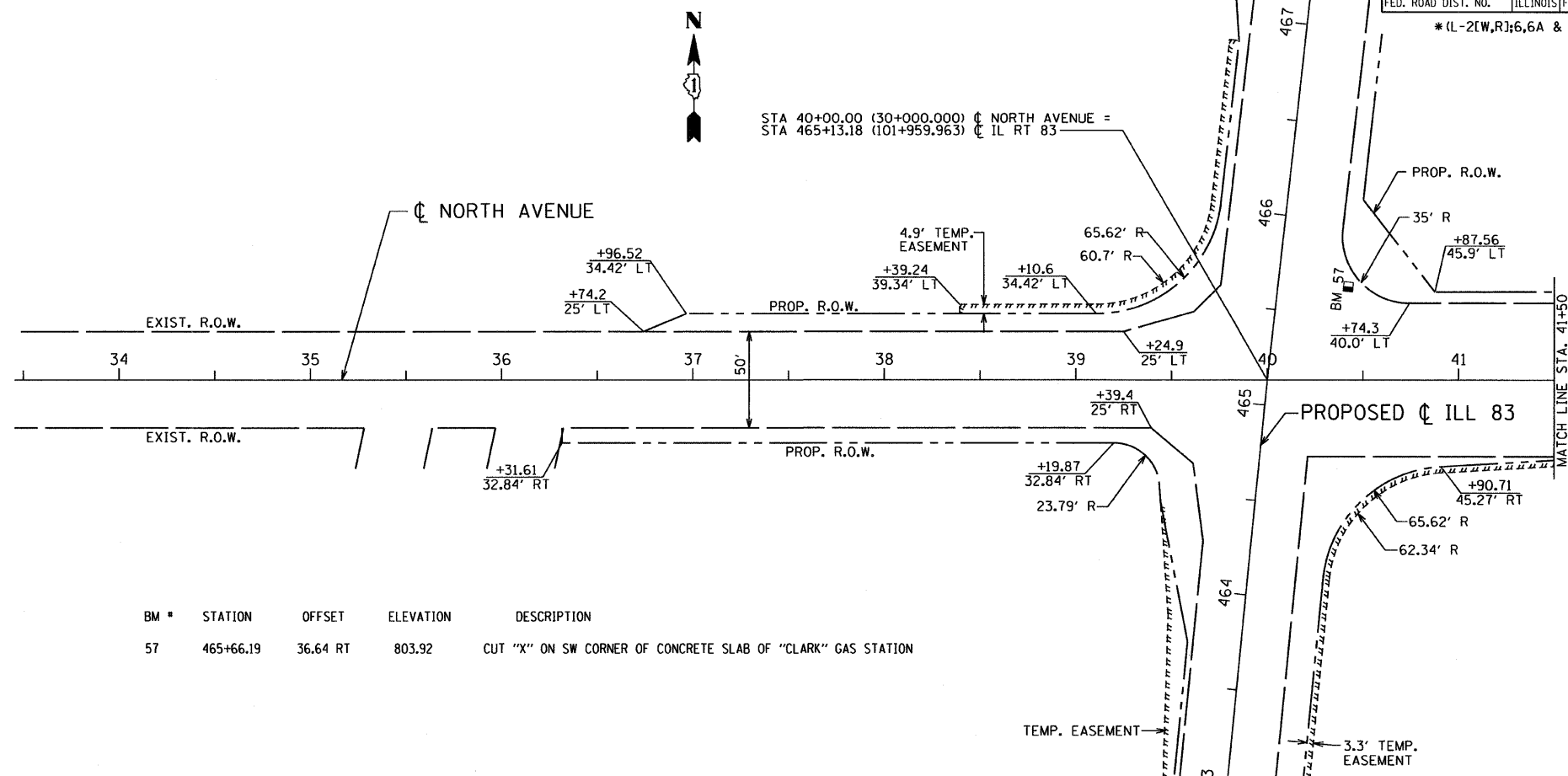
BM #	STATION	OFFSET	ELEVATION	DESCRIPTION
8	402+84.17	60.85 RT	793.89	□' CUT SW CONC. BASE OF COMM. ED. ELECT. TRANSFORMER PAD @ SW CORNER OF ANTIOCH H.S. BLDG. ON E. SIDE RT. 83 & 200' N. RT. 173
9	337+44.03	42.72 LT	796.36	□' CUT ON S. CORNER OF ABANDONED CONCRETE SIGN BASE (W/BOLTS) @ SW CORNER OF RT. 83 & RT. 173



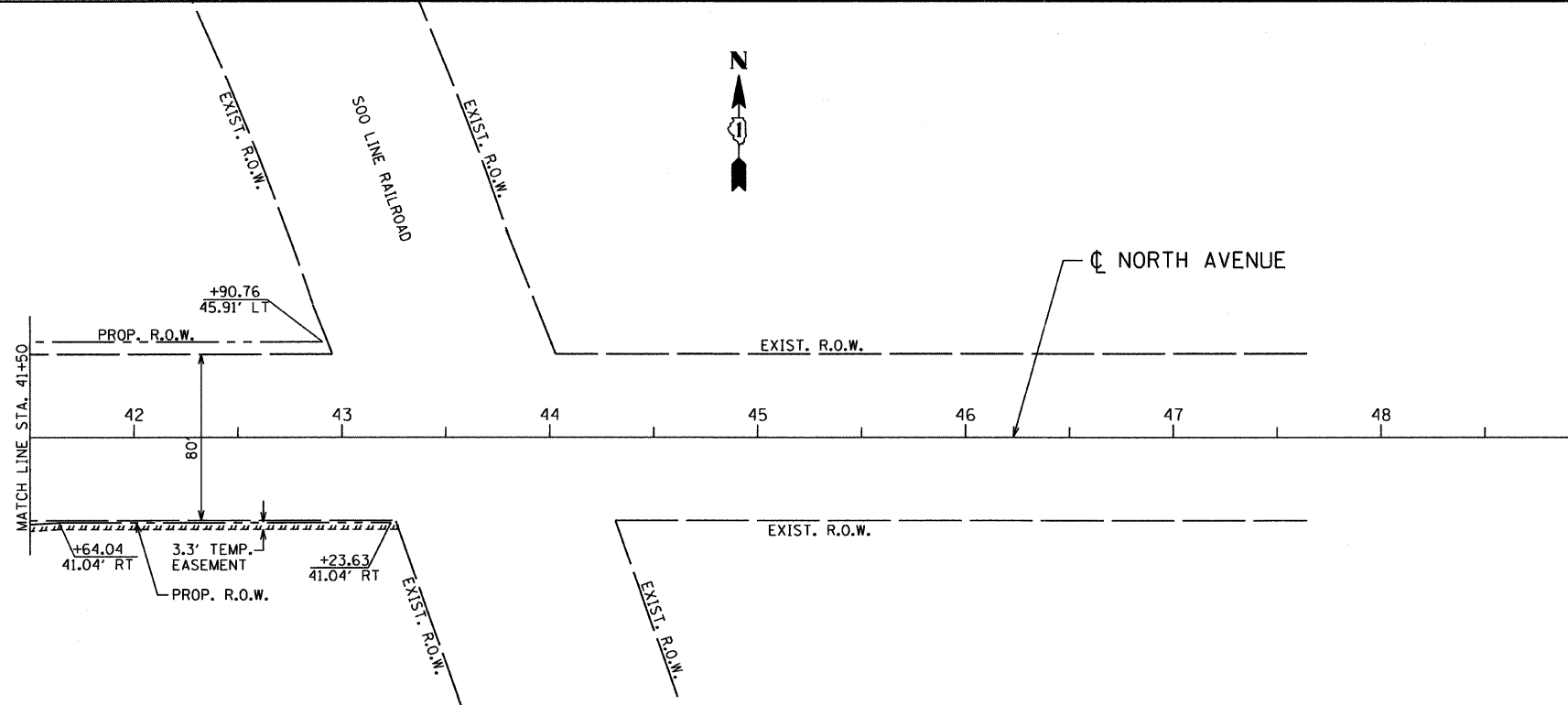
AT-13

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT & TIE PLAN ILLINOIS ROUTE 173
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	47
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			*(L-2(LW,R);6,6A & 6 EXT) WRS-1	



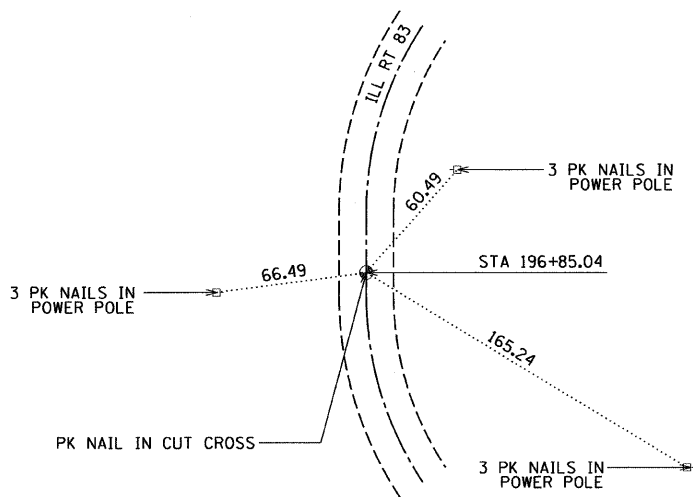
BM	STATION	OFFSET	ELEVATION	DESCRIPTION
57	465+66.19	36.64 RT	803.92	CUT "X" ON SW CORNER OF CONCRETE SLAB OF "CLARK" GAS STATION



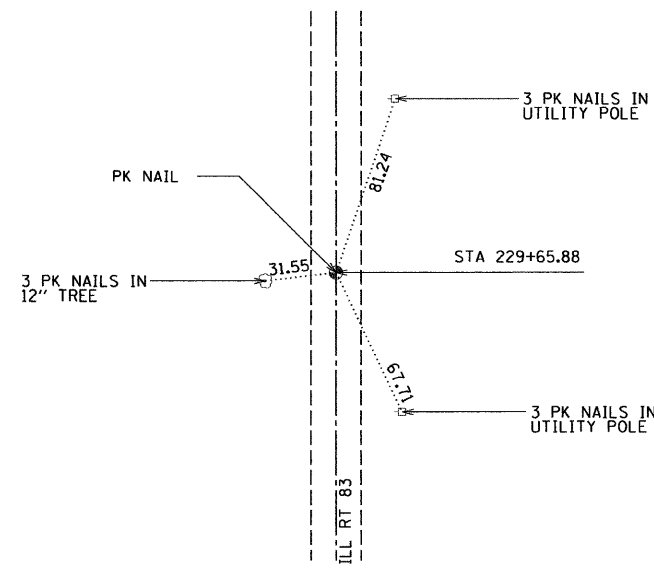
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT & TIE PLAN NORTH AVENUE
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

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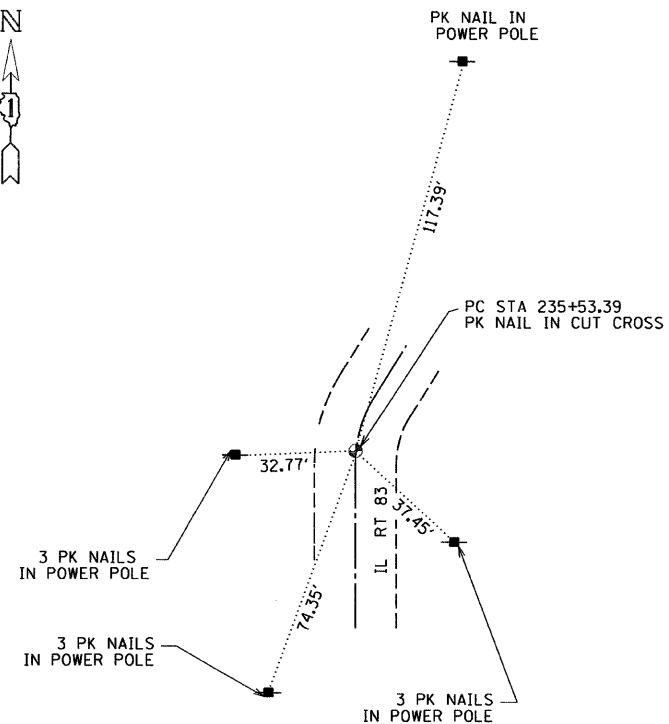
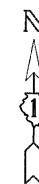
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	48
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



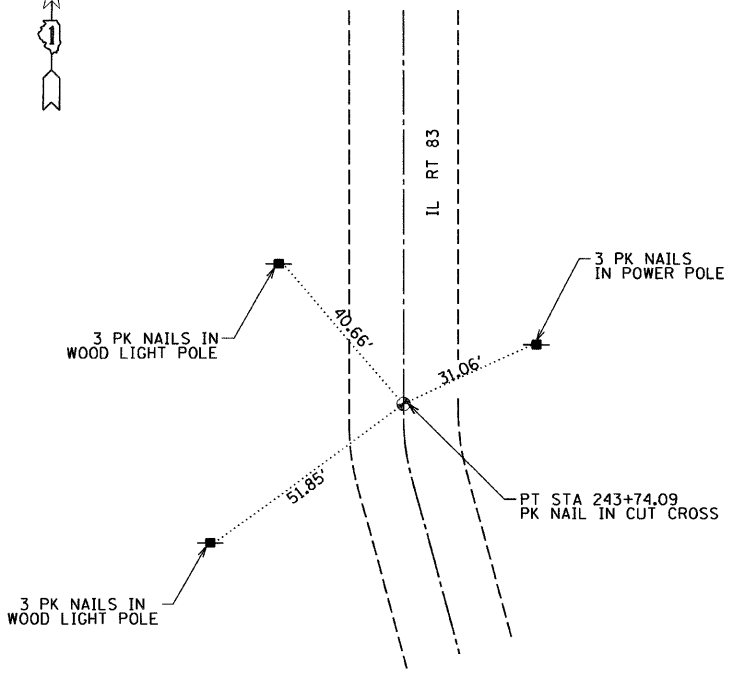
TIE PT 2A



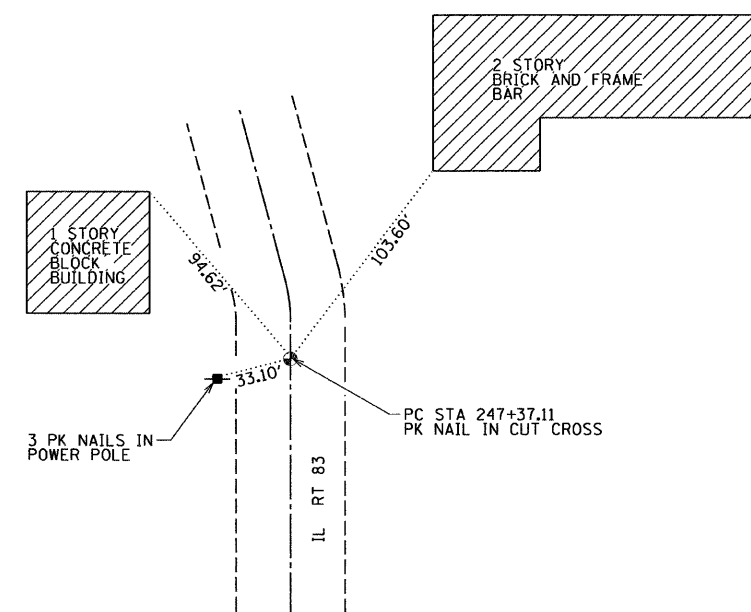
TIE PT 4A



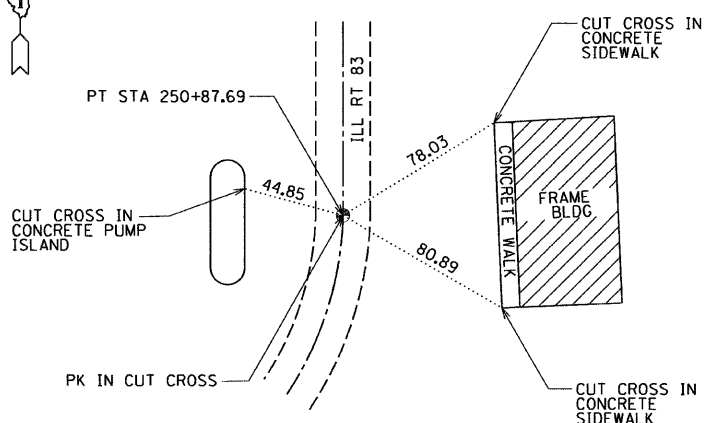
TIE PT 4B



TIE PT 4C



TIE PT 4D



TIE PT 5A

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AT-15

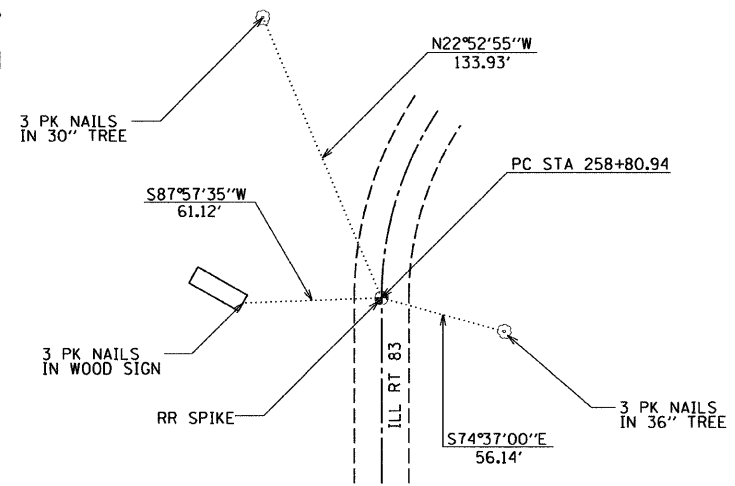
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
NAME	DATE	
		ALIGNMENT TIES

DATE: 1/30/09

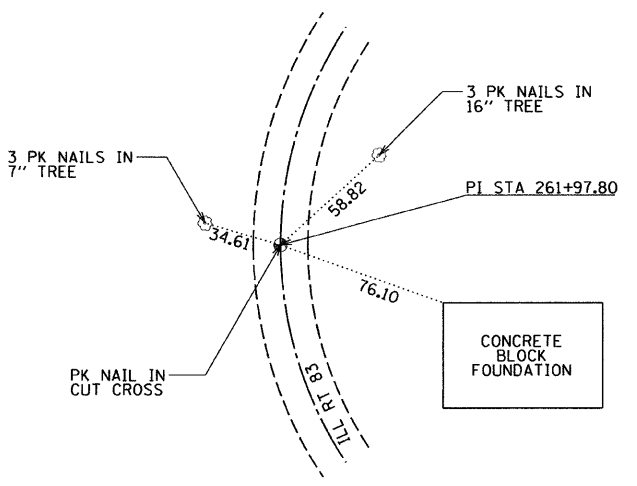
DRAWN BY: BR
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

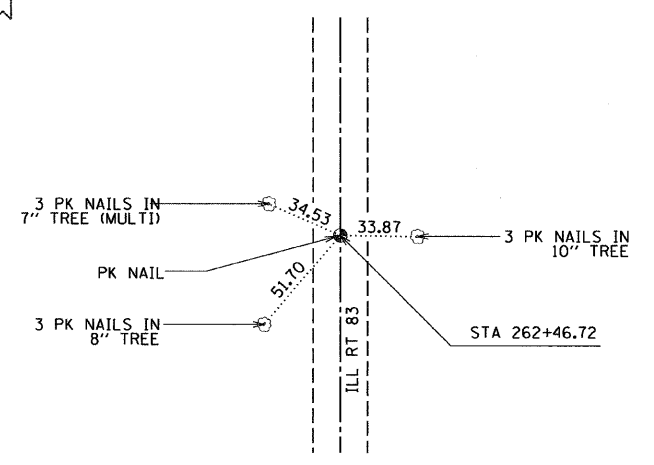
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	49
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



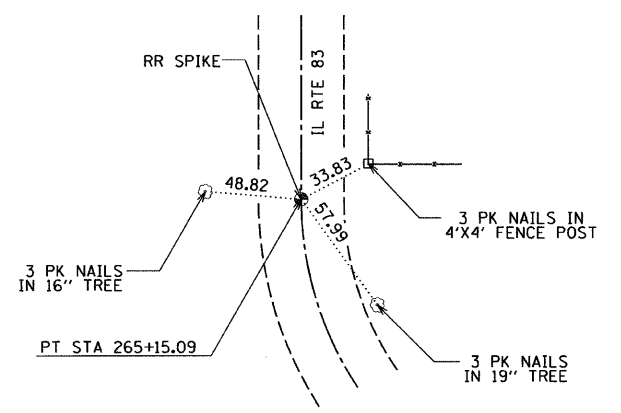
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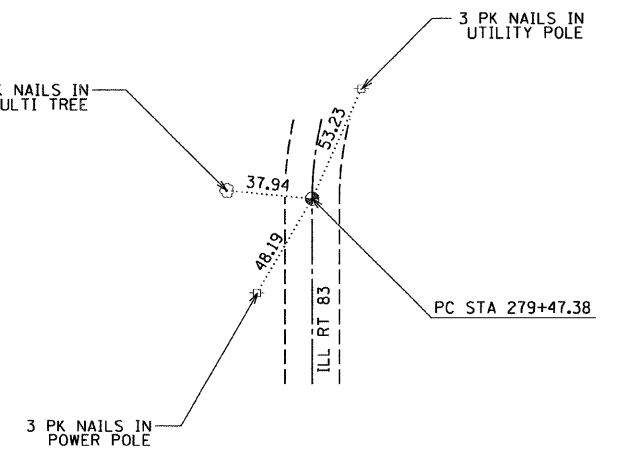
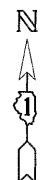
TIE PT 5C



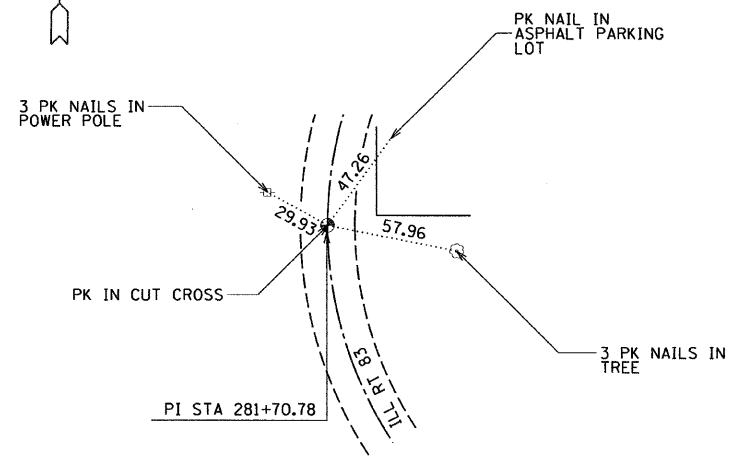
TIE PT 5D



TIE PT 5E



TIE PT 6A



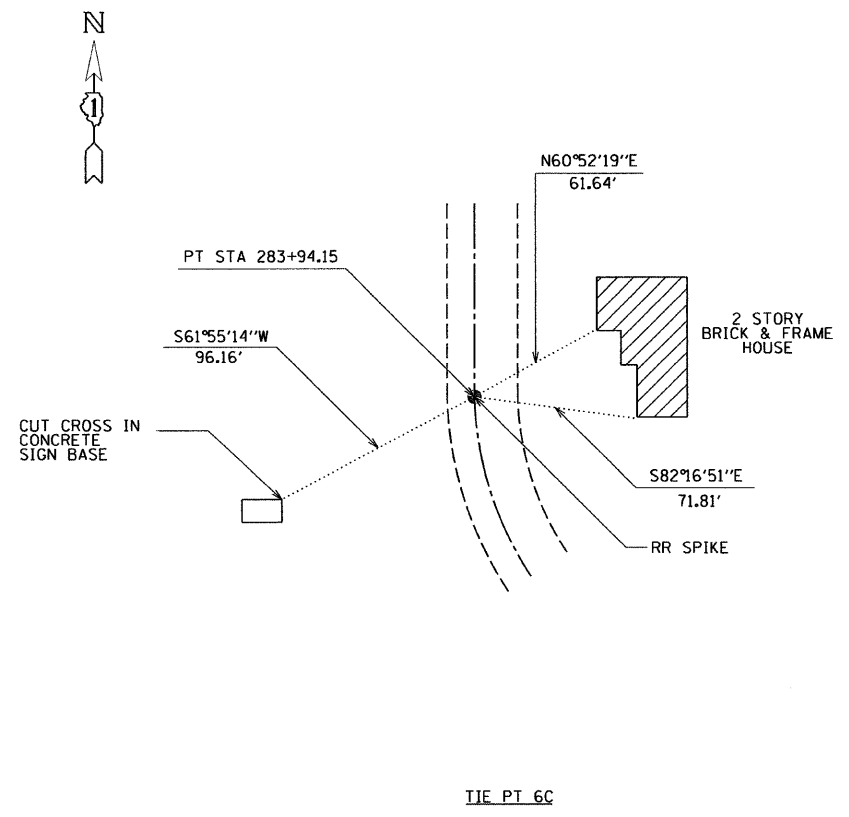
TIE PT 6B

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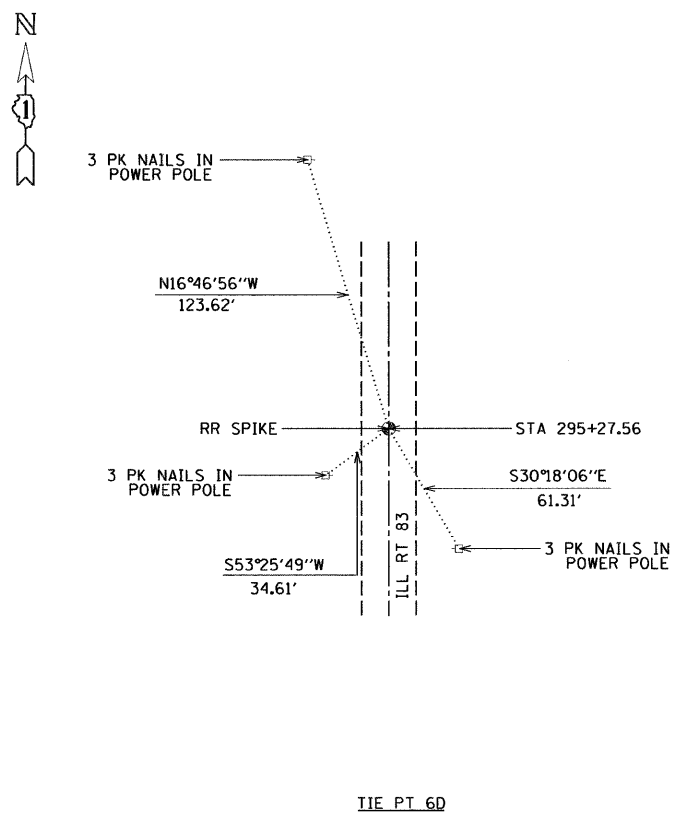
AT-16

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT TIES
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

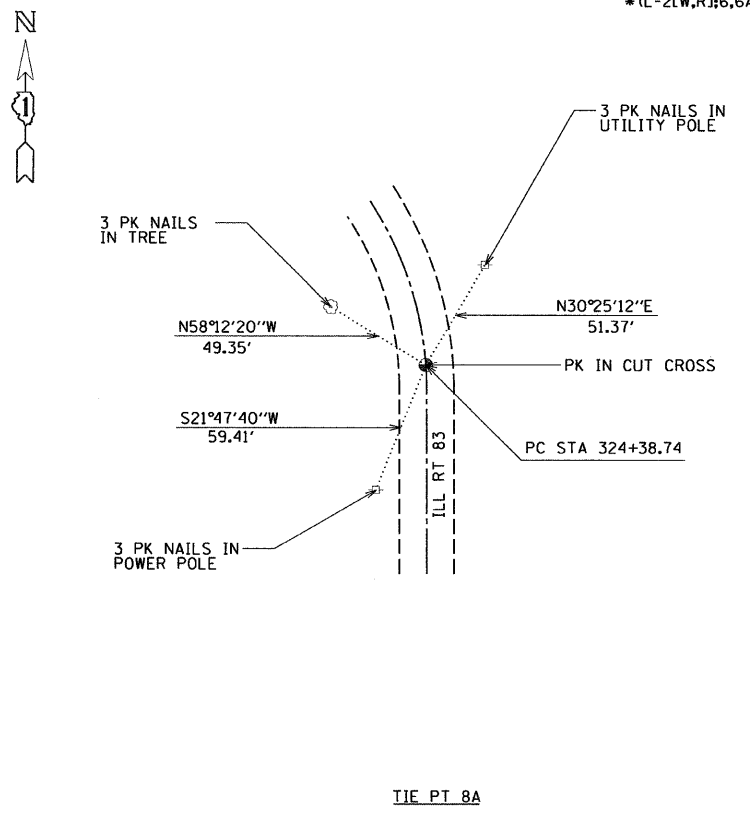
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866	*	LAKE	554	50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



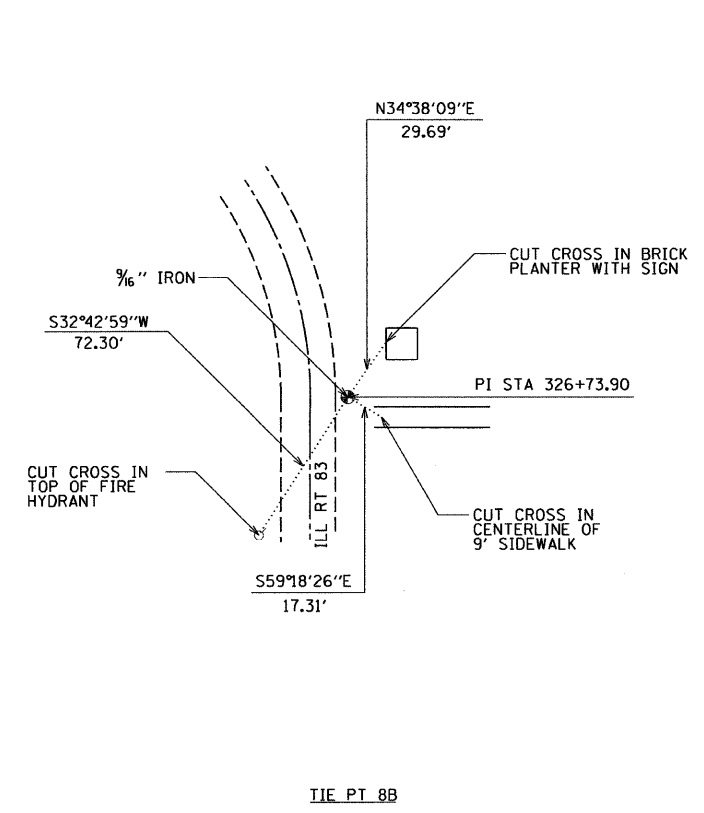
TIE PT 6C



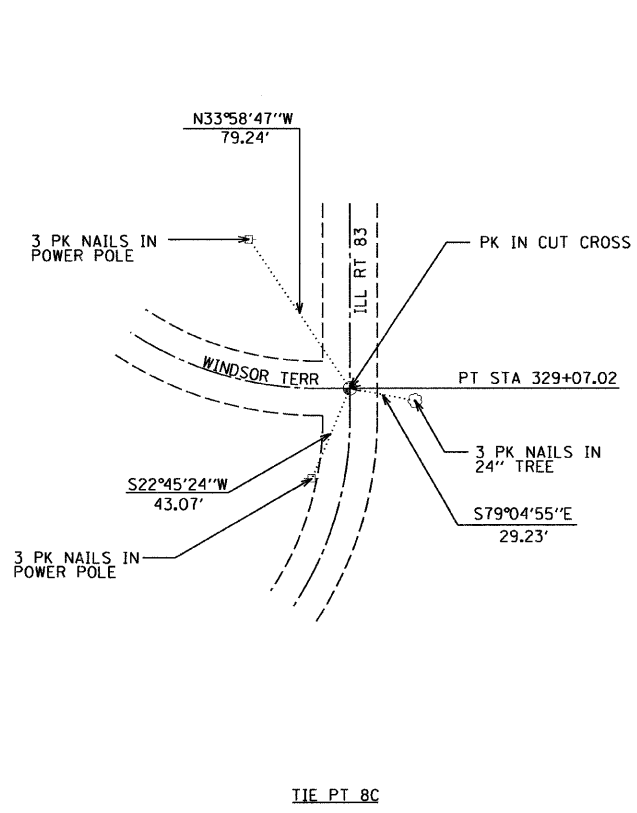
TIE PT 6D



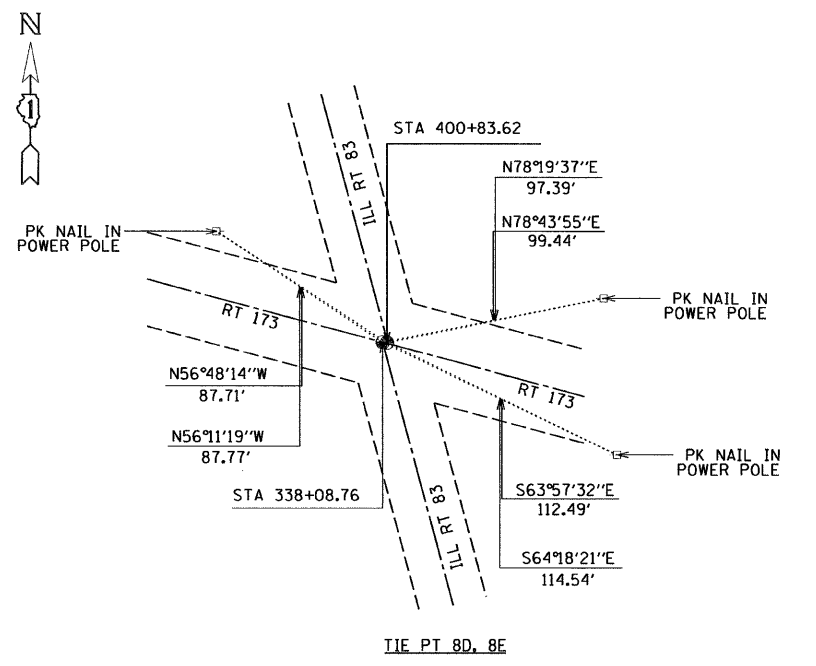
TIE PT 8A



TIE PT 8B



TIE PT 8C



TIE PT 8D, 8E

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
NAME	DATE	
		ALIGNMENT TIES

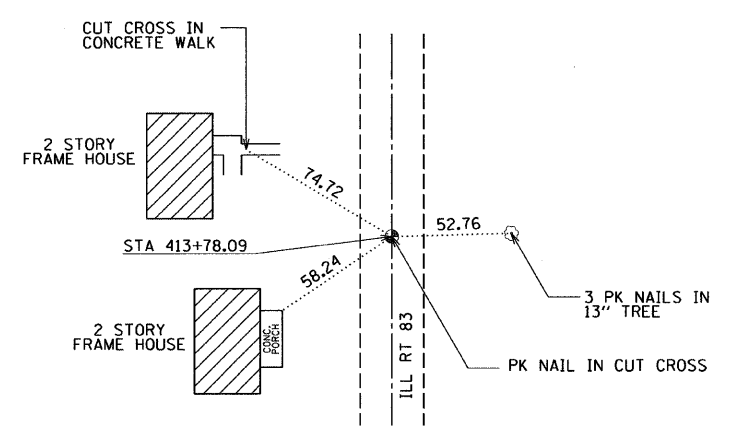
DATE: 1/30/09

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CHECKED BY: MW

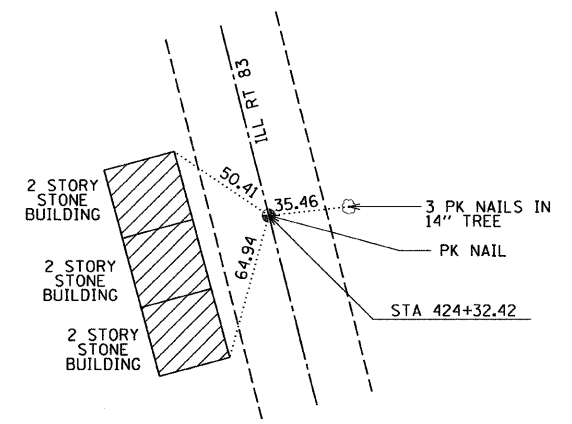
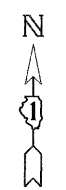
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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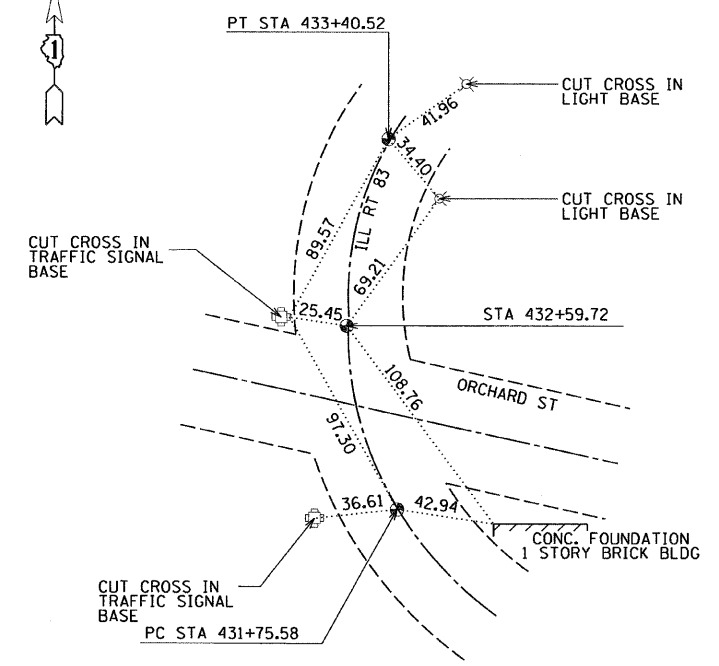
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	51
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



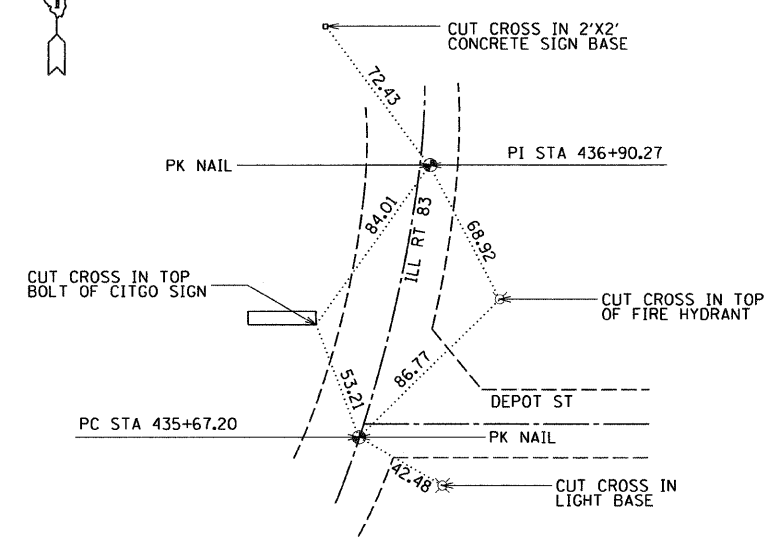
TIE PT 9A



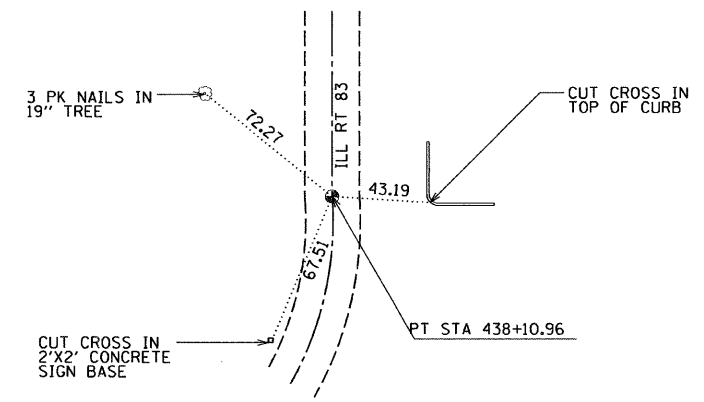
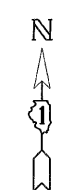
TIE PT 9B



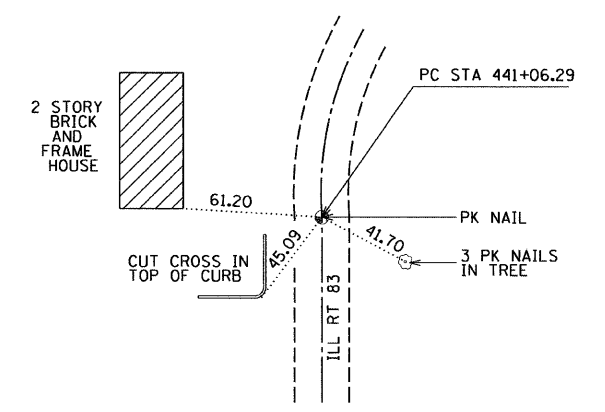
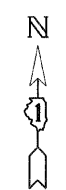
TIE PT 10A, 10B, 10C



TIE PT 10D, 10E



TIE PT 10F



TIE PT 10G

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AT-18

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
NAME	DATE	
		ALIGNMENT TIES

DATE: 1/30/09

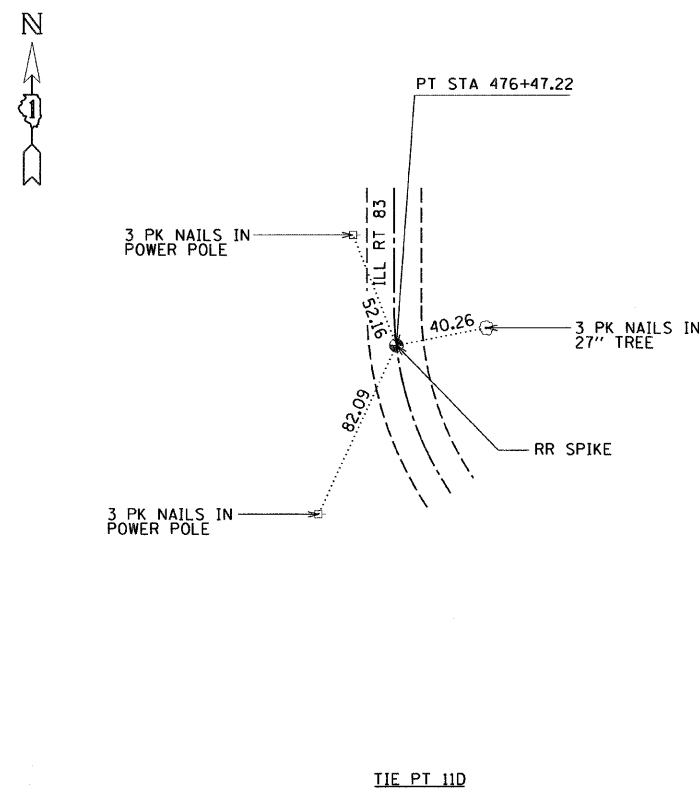
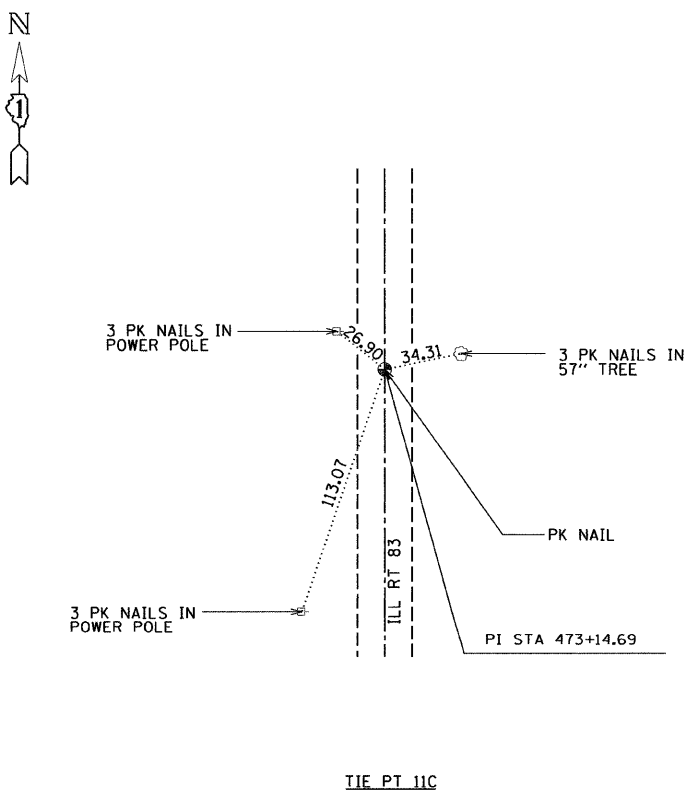
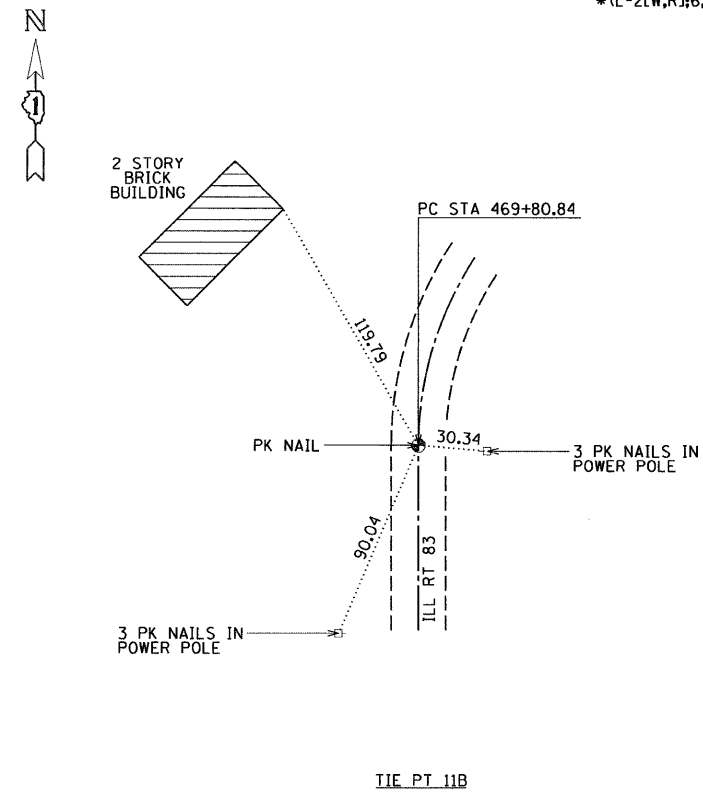
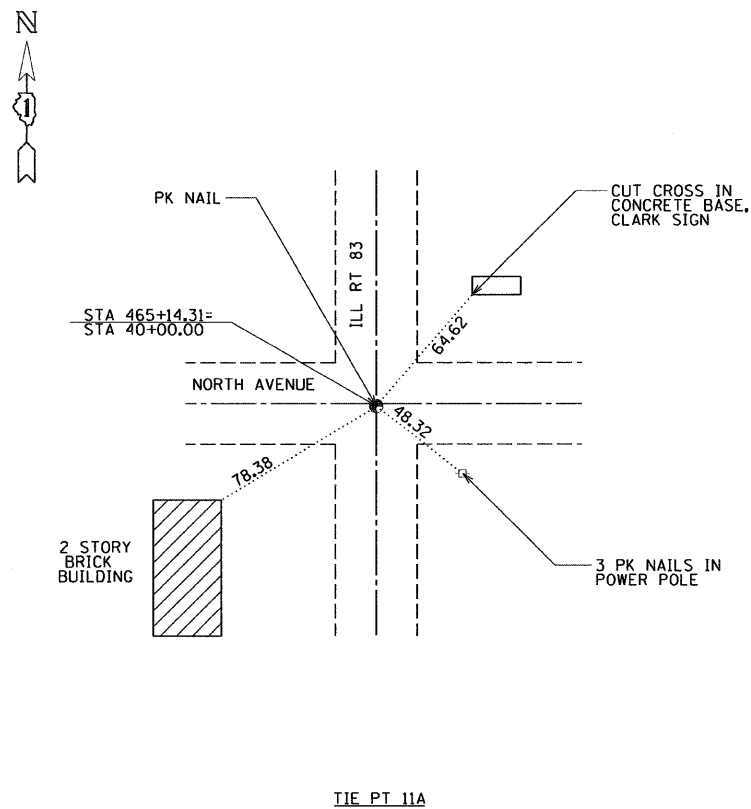
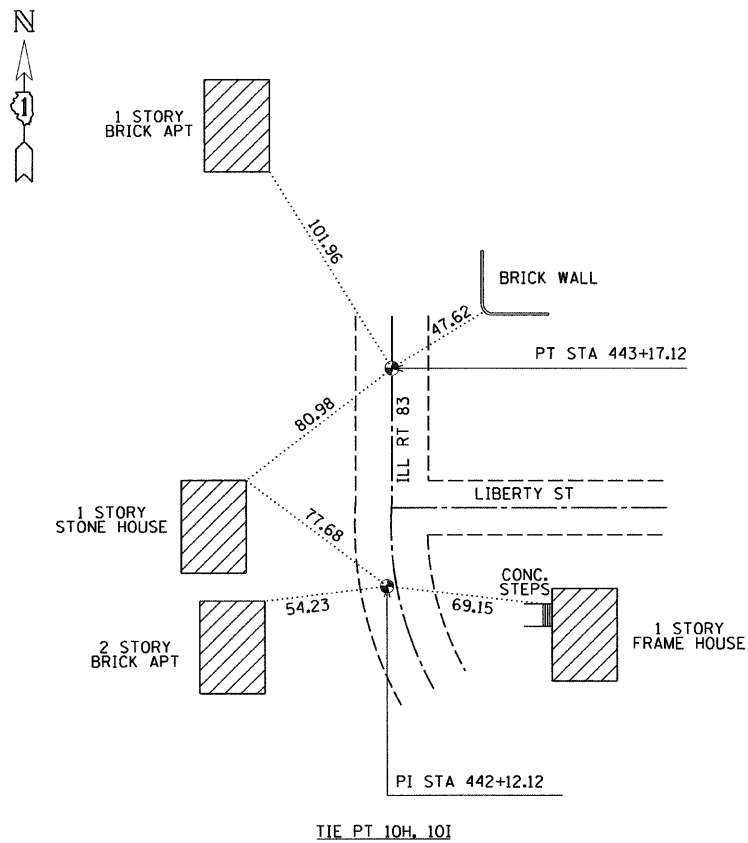
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CHECKED BY: MW

GRAEF ANHALT SCHLOEMER
CHICAGO, ILLINOIS

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	52
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2LW,R)6,6A & 6 EXT) WRS-1



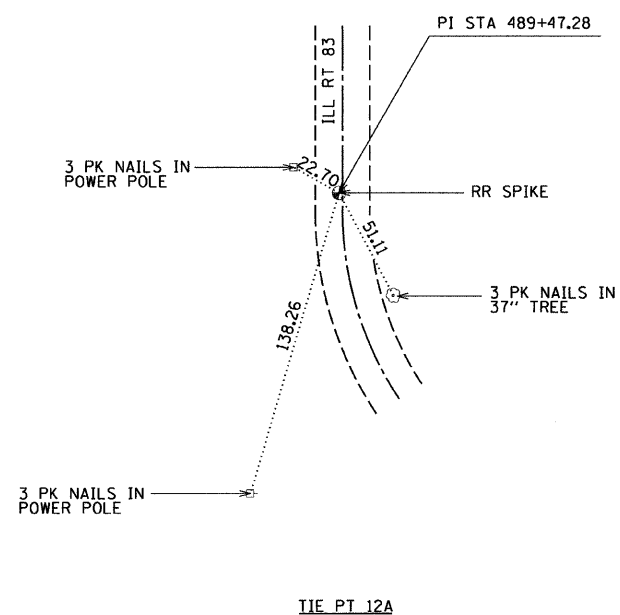
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AT-19

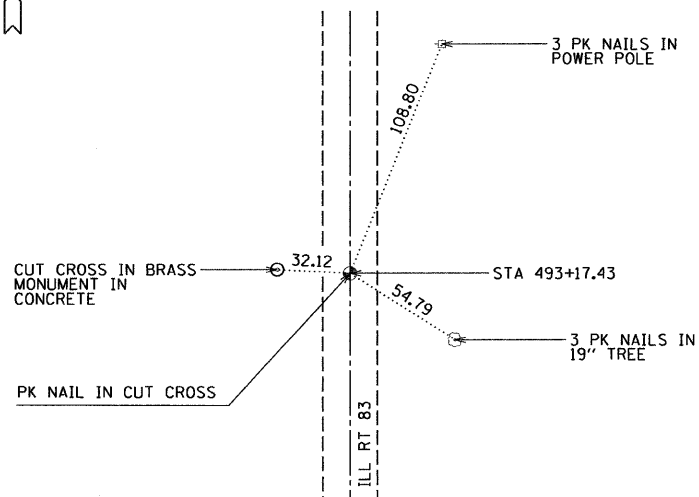
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD
NAME	DATE	
		ALIGNMENT TIES
DATE: 1/30/09		DRAWN BY: BR CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	53
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1



TIE PT 12A



TIE PT 12B


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AT-20

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD ALIGNMENT TIES
NAME	DATE	

DATE: 1/30/09

DRAWN BY: GP
CHECKED BY: MW

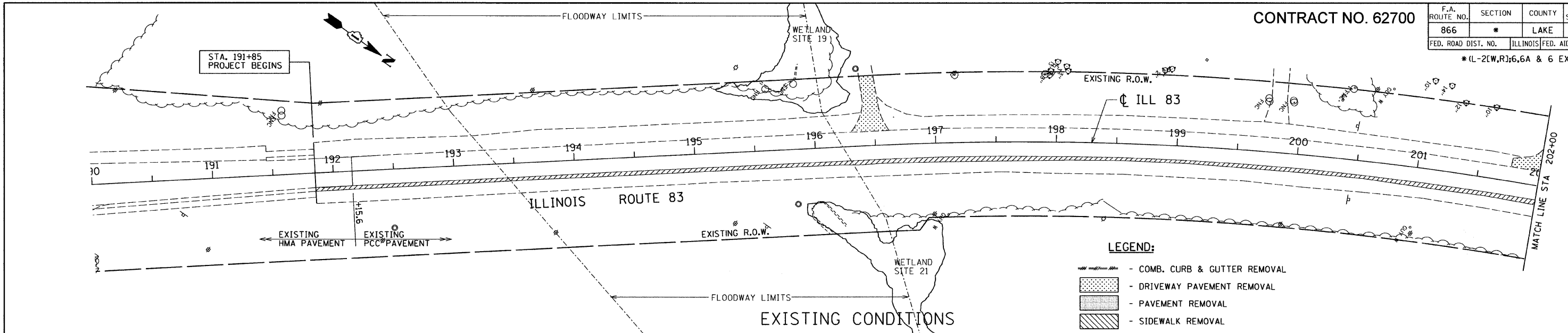


GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	54
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

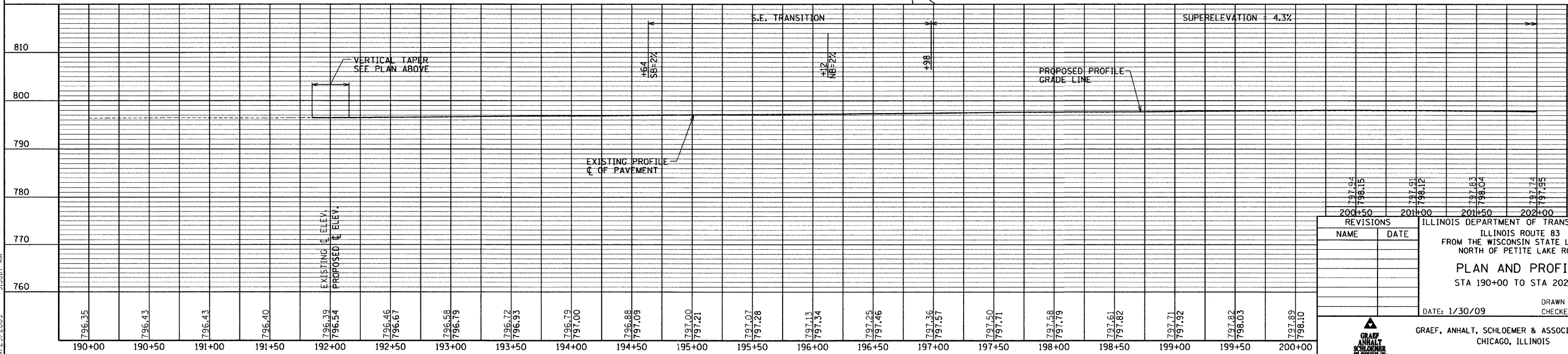
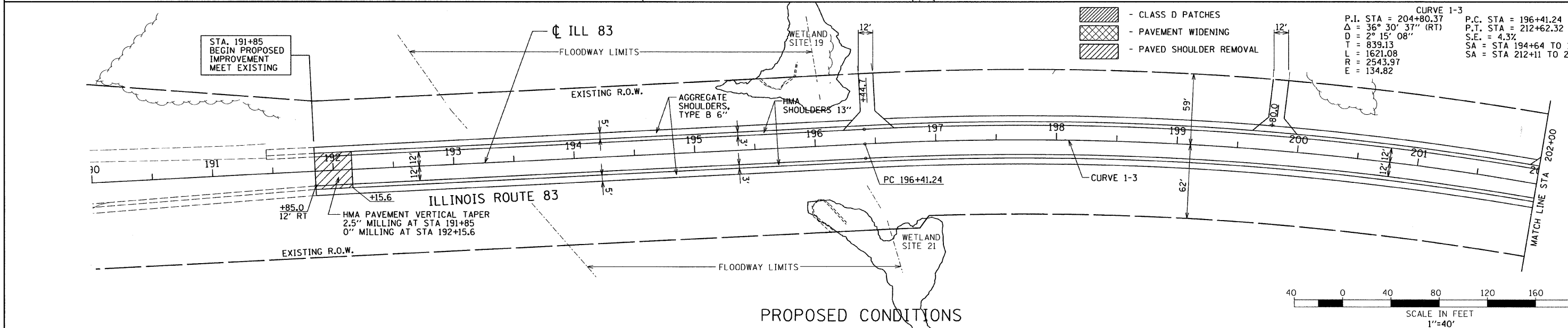
*(L-2(W,R);6,6A & 6 EXT) WRS-1



LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING
- PAVED SHOULDER REMOVAL

CURVE 1-3
 P.I. STA = 204+80.37
 $\Delta = 36^\circ 30' 37''$ (RT)
 $D = 2^\circ 15' 08''$
 $T = 839.13$
 $L = 1621.08$
 $R = 2543.97$
 $E = 134.82$
 P.C. STA = 196+41.24
 P.T. STA = 212+62.32
 $S.E. = 4.3\%$
 SA = STA 194+64 TO 196+98
 SA = STA 212+11 TO 214+45



REVISIONS	
NAME	DATE

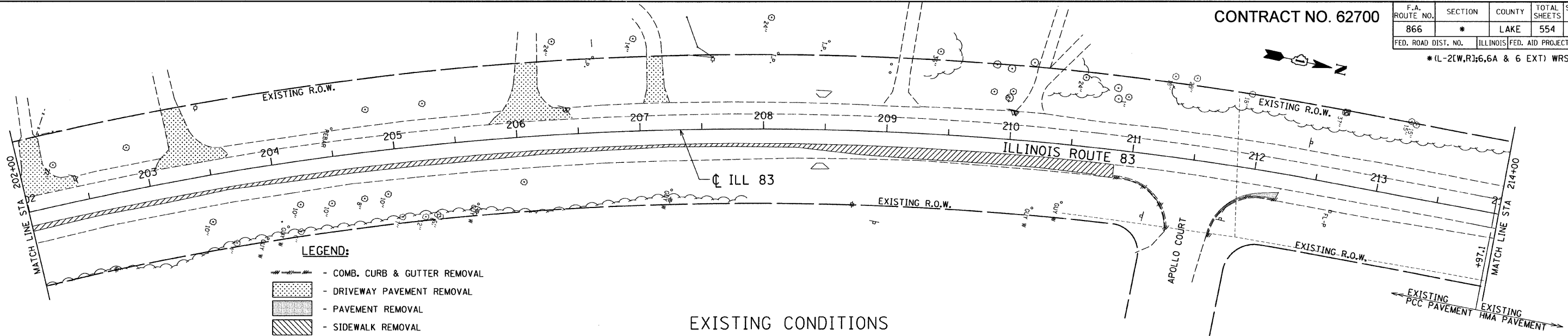
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 190+00 TO STA 202+00
 DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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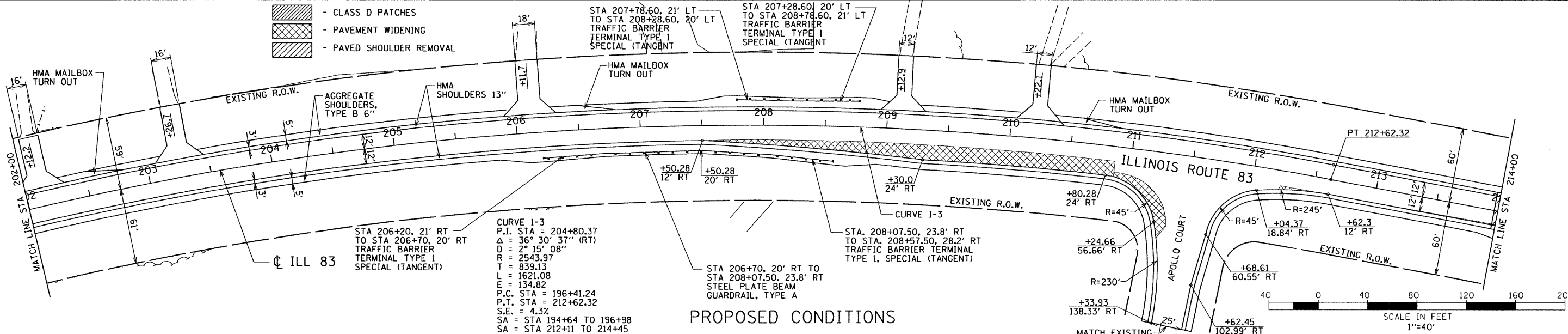
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	55
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

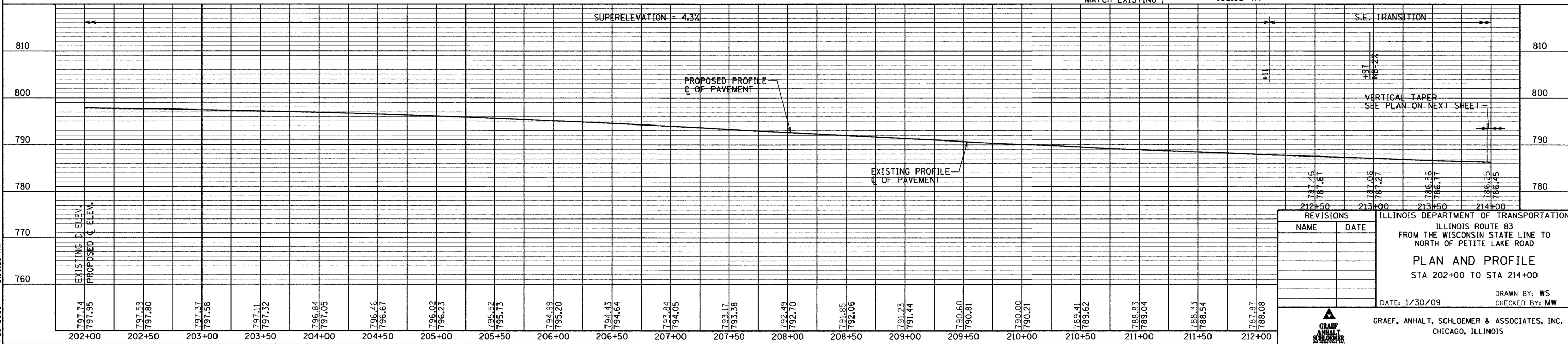
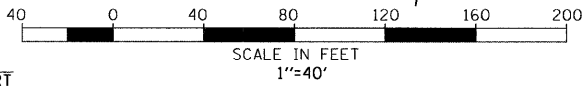
*(L-2(W,R);6,6A & 6 EXT) WRS-1



- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING
 - PAVED SHOULDER REMOVAL



CURVE 1-3
 P.I. STA = 204+80.37
 $\Delta = 36^\circ 30' 37''$ (RT)
 $D = 2^\circ 15' 08''$
 $R = 2543.97$
 $T = 839.13$
 $L = 1621.08$
 $E = 134.82$
 P.C. STA = 196+41.24
 P.T. STA = 212+62.32
 $S.E. = 4.3\%$
 $SA = STA 194+64$ TO $196+98$
 $SA = STA 212+11$ TO $214+45$



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 202+00 TO STA 214+00

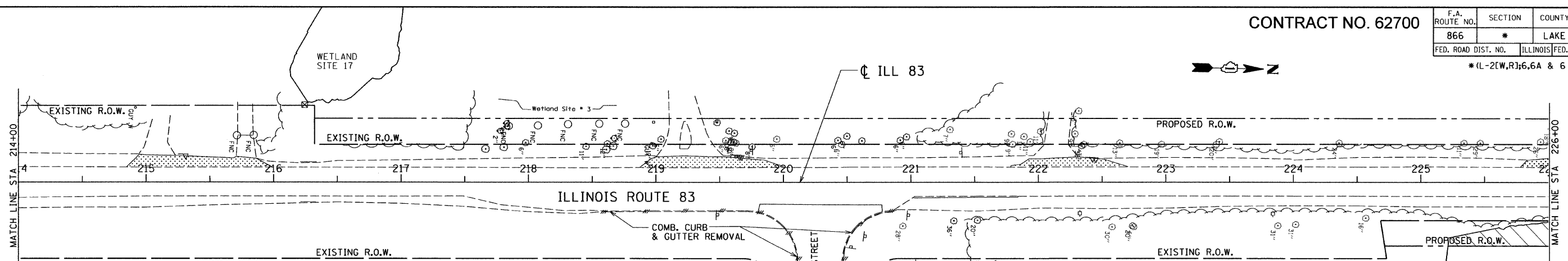
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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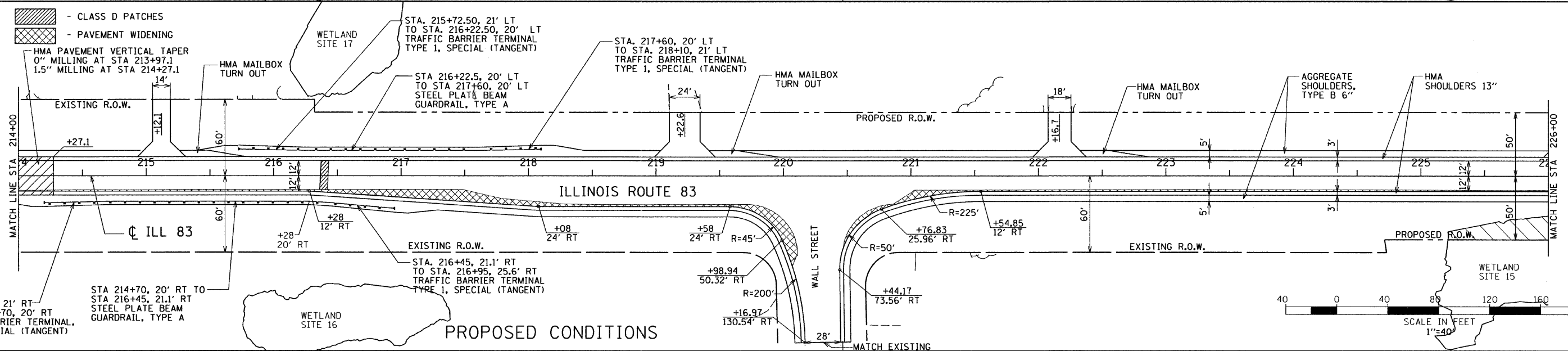
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	56
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	*(L-2(W,R);6,6A & 6 EXT) WRS-1	

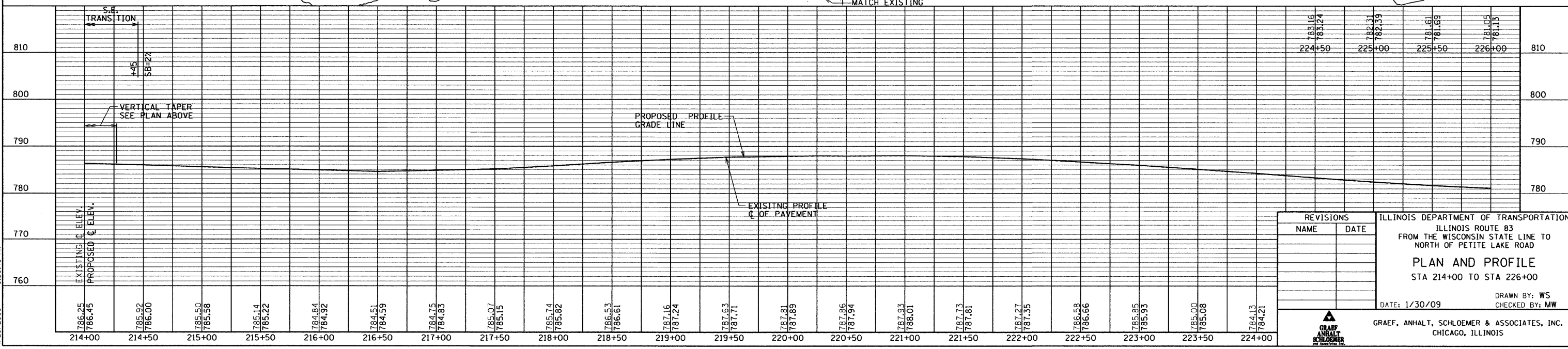
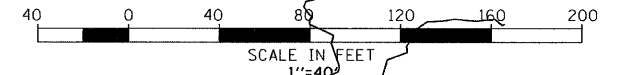


- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING

EXISTING CONDITIONS



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 214+00 TO STA 226+00

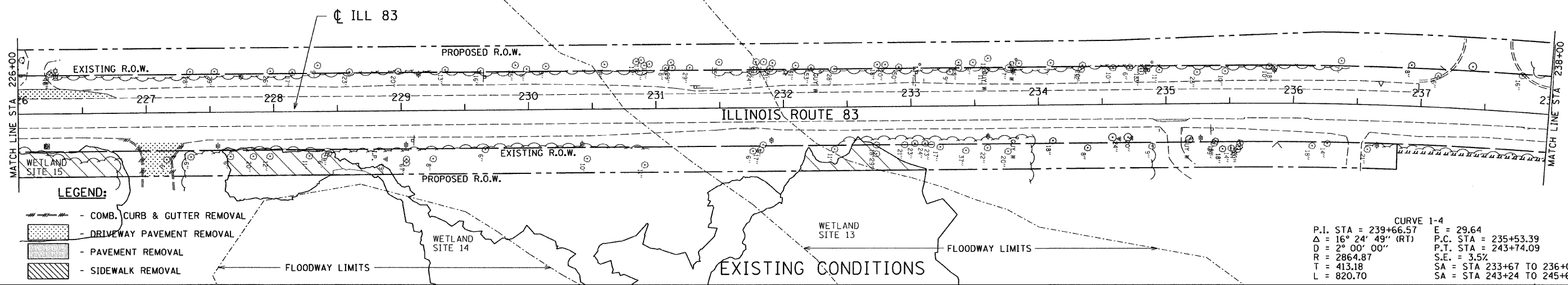
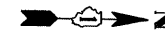
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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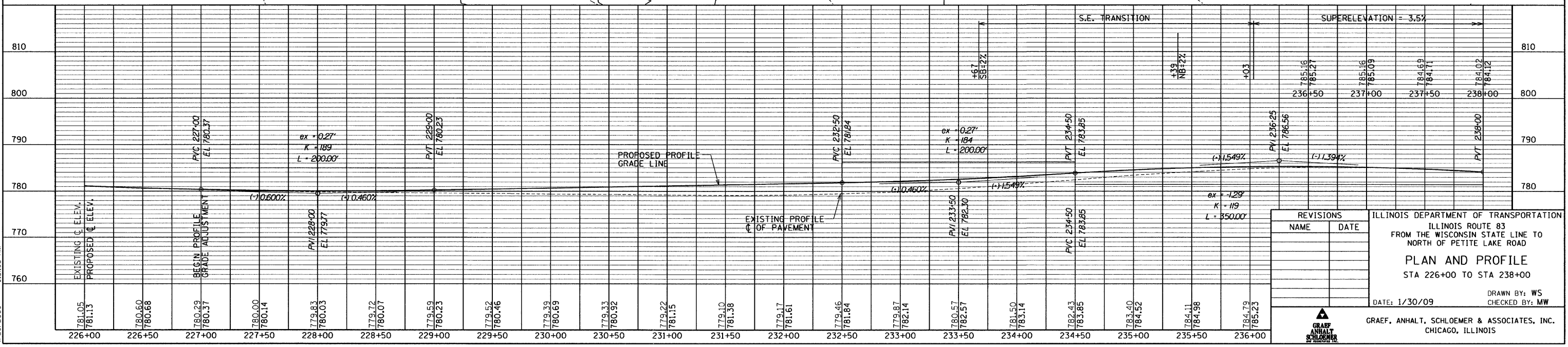
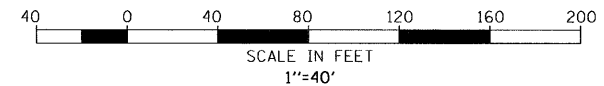
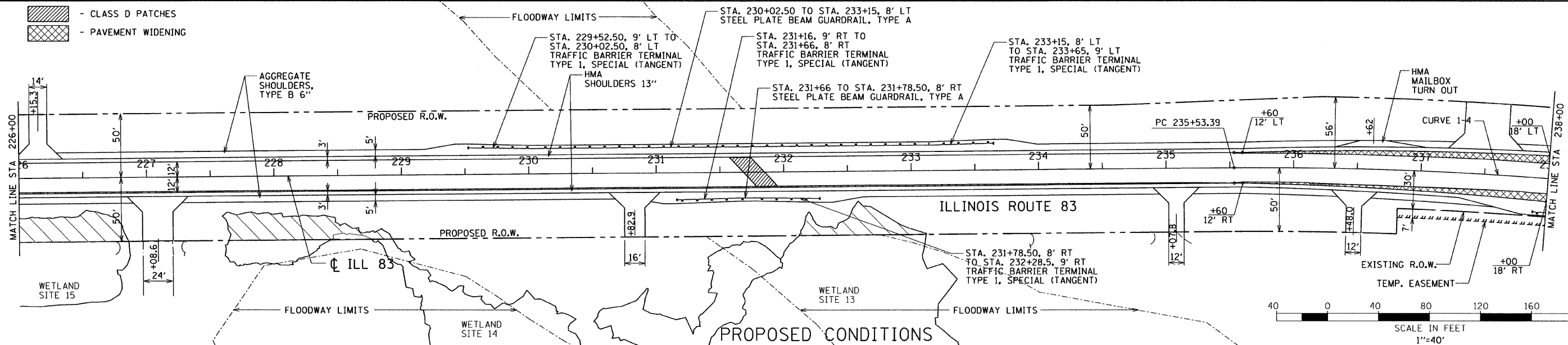
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	57
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING

CURVE 1-4
 P.I. STA = 239+66.57 E = 29.64
 $\Delta = 16^\circ 24' 49''$ (RT) P.C. STA = 235+53.39
 $D = 2^\circ 00' 00''$ P.T. STA = 243+74.09
 $R = 2864.87$ S.E. = 3.5%
 $T = 413.18$ SA = STA 233+67 TO 236+03
 $L = 820.70$ SA = STA 243+24 TO 245+60



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 226+00 TO STA 238+00

DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

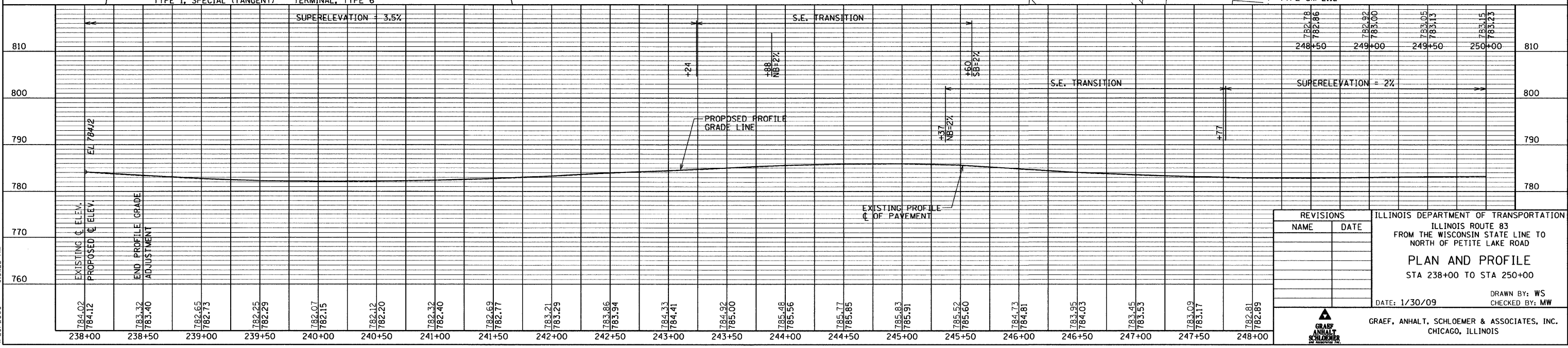
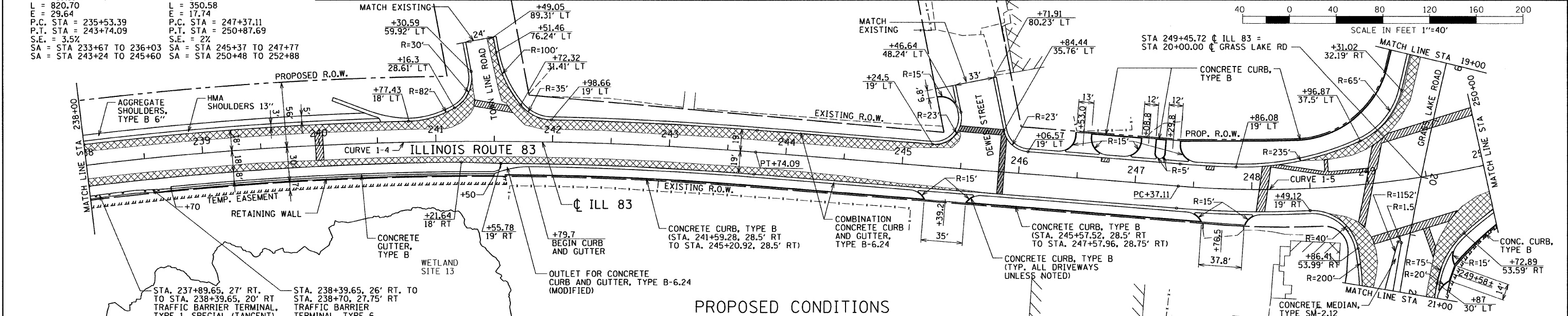
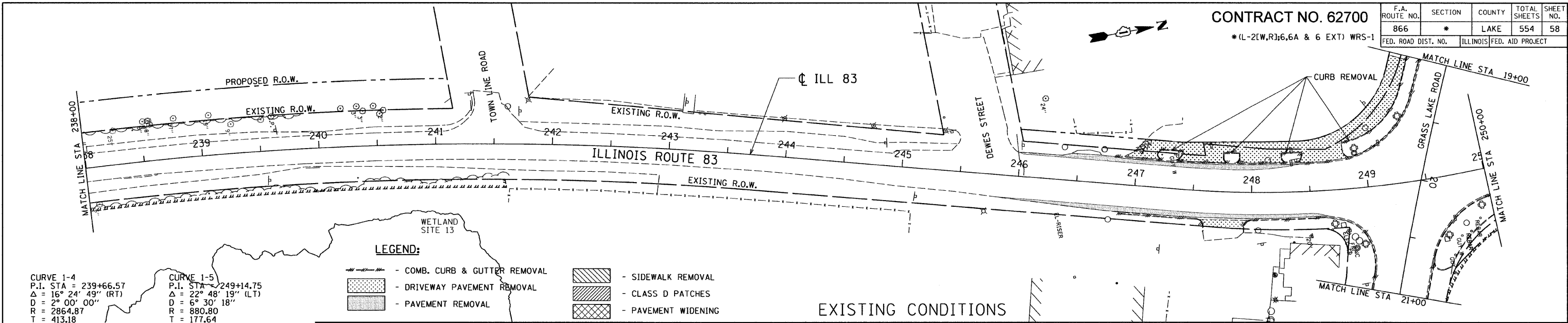
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	58
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2(W,R);6,6A & 6 EXT) WRS-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 238+00 TO STA 250+00

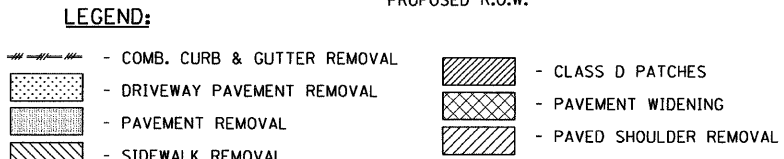
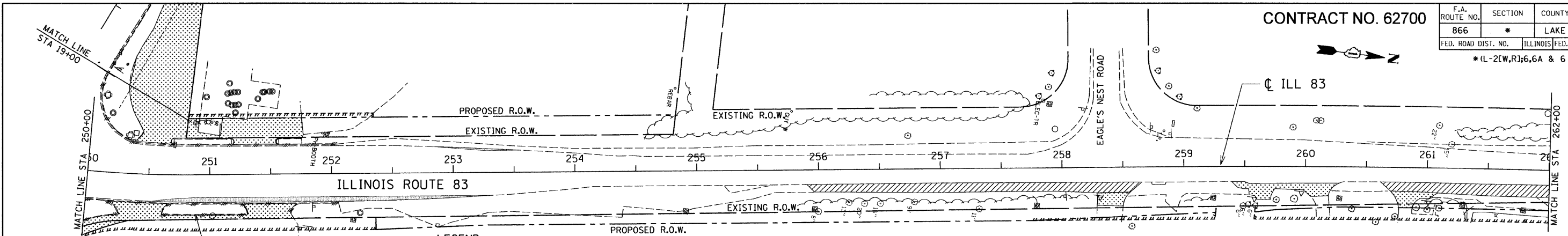
DATE: 1/30/09
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 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

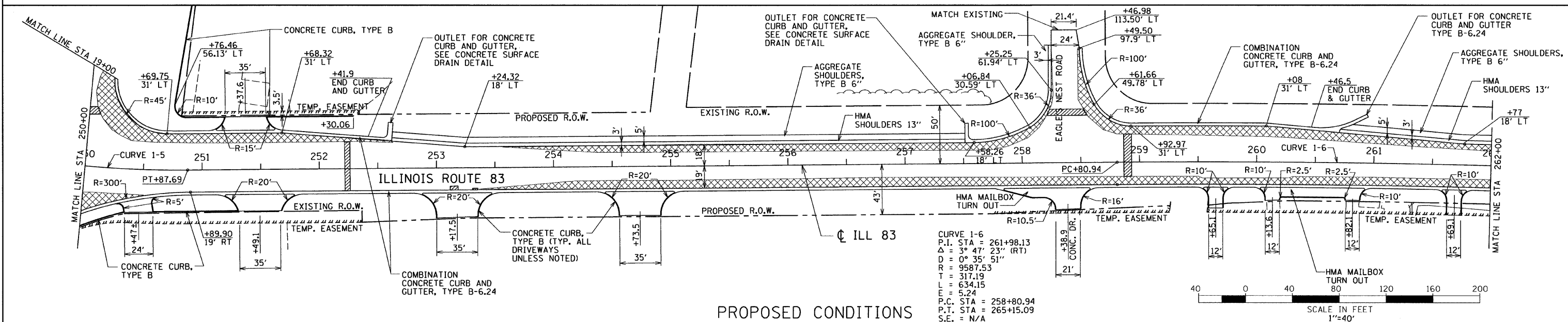
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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	59
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			*(L-2(W,R);6,6A & 6 EXT) WRS-1	



EXISTING CONDITIONS



PROPOSED CONDITIONS

STATION	EXISTING PROFILE OF PAVEMENT	PROPOSED PROFILE GRADE LINE	REVISIONS
250+00	783.15	783.23	
250+50	783.33	783.48	
251+00	783.49	783.73	
251+50	783.44	783.89	
252+00	783.39	783.87	
252+50	783.34	783.71	
253+00	783.40	783.55	
253+50	783.46	783.52	
254+00	783.45	783.64	
254+50	783.41	783.79	
255+00	783.52	783.86	
255+50	783.58	783.79	
256+00	783.48	783.64	
256+50	783.40	783.49	
257+00	783.28	783.42	
257+50	783.29	783.49	
258+00	783.29	783.56	
258+50	783.25	783.46	
259+00	783.20	783.37	
259+50	783.12	783.44	
260+00	783.11	783.48	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 250+00 TO STA 262+00

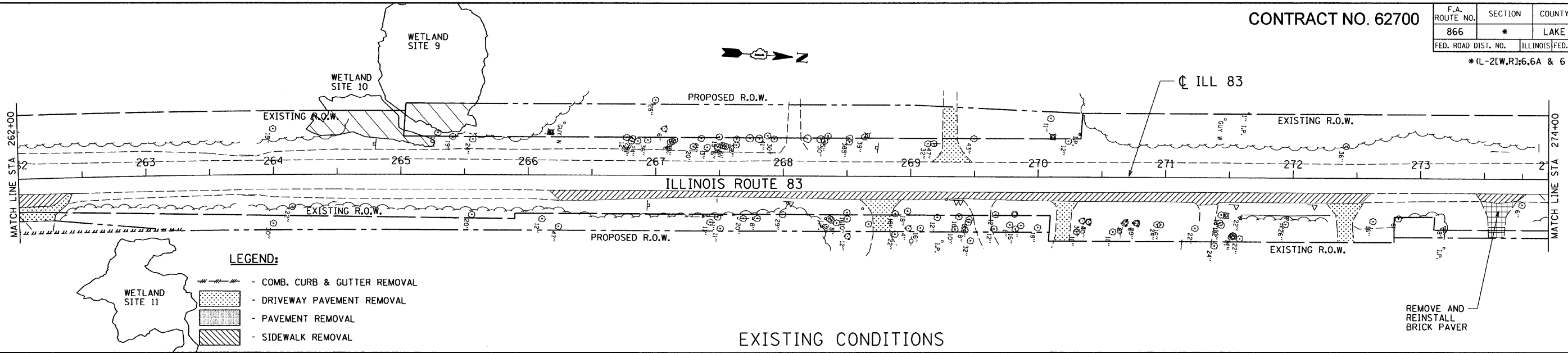
DATE: 1/30/09
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 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

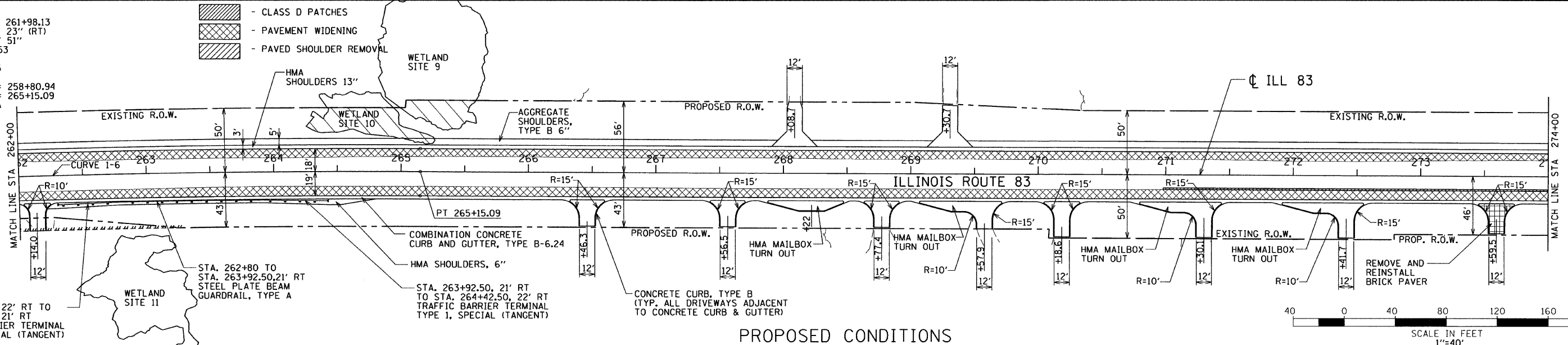
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	60
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R]:6,6A & 6 EXT) WRS-1				



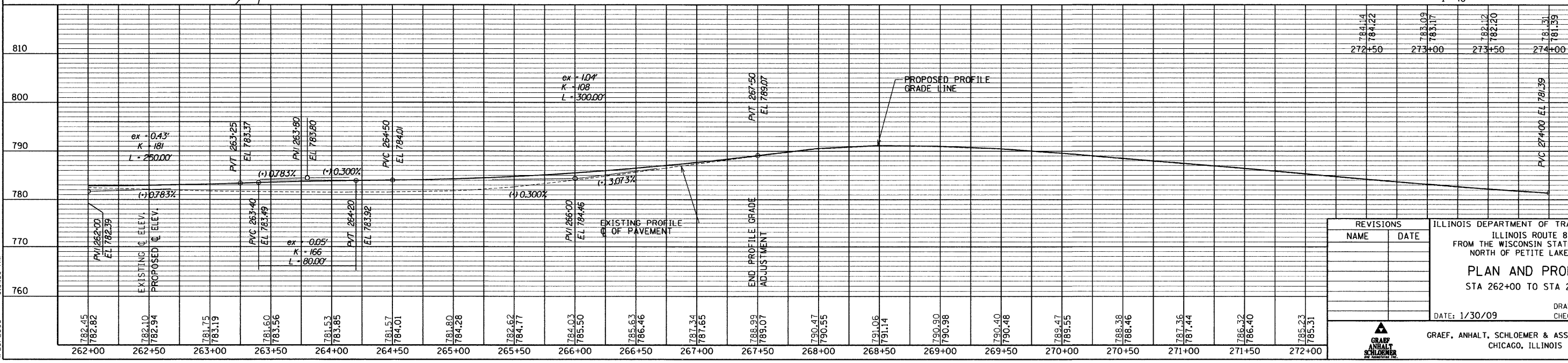
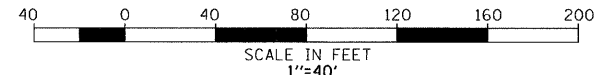
- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING
 - PAVED SHOULDER REMOVAL

EXISTING CONDITIONS

CURVE 1-6
 P.I. STA = 261+98.13
 $\Delta = 3^\circ 47' 23''$ (RT)
 $D = 0^\circ 35' 51''$
 $R = 9587.53$
 $T = 317.19$
 $L = 634.15$
 $E = 5.24$
 P.C. STA = 258+80.94
 P.T. STA = 265+15.09
 S.E. = N/A



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

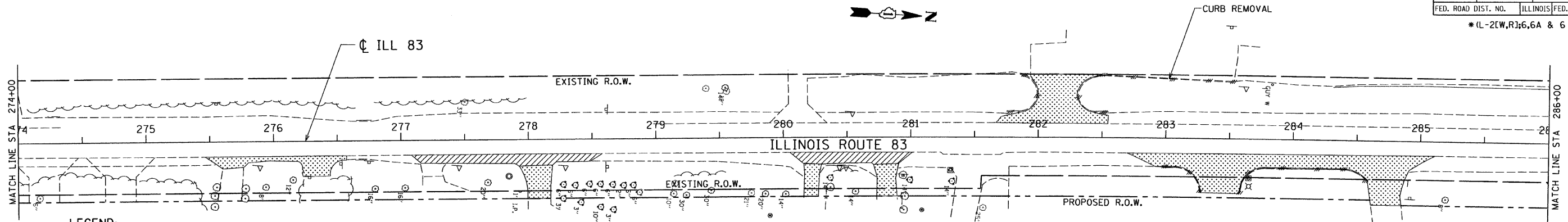
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 262+00 TO STA 274+00

DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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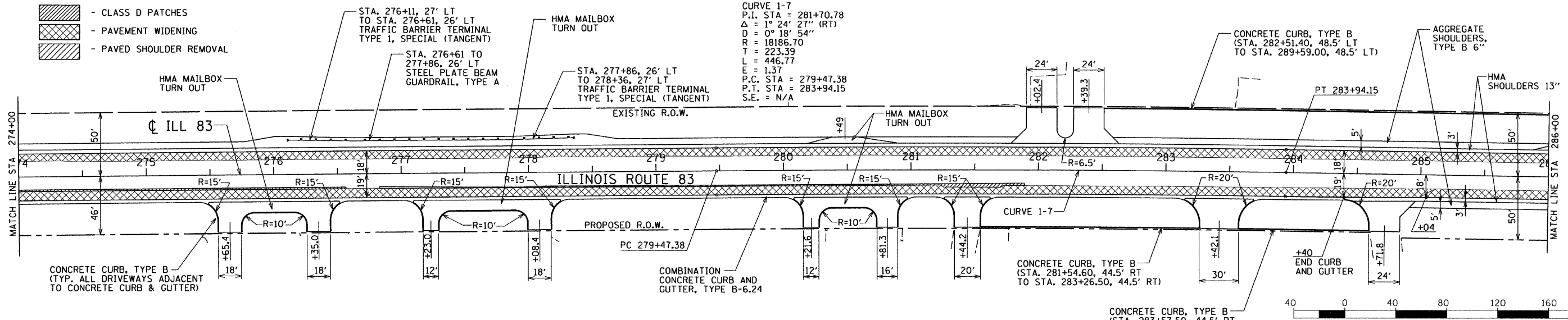
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	61
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



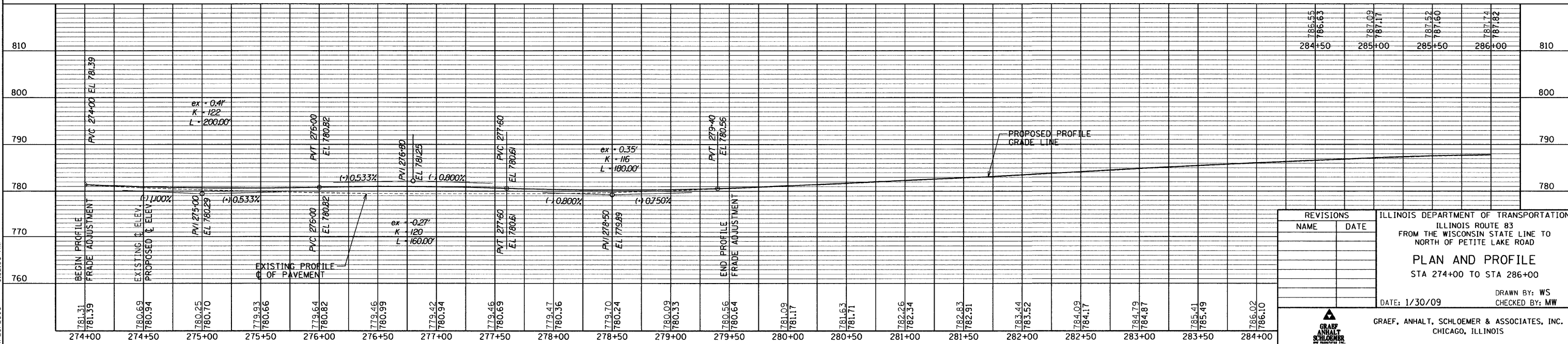
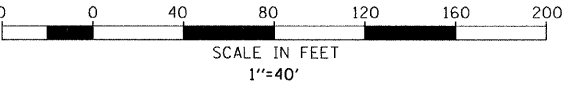
- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL

EXISTING CONDITIONS

- CLASS D PATCHES
- PAVEMENT WIDENING
- PAVED SHOULDER REMOVAL



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
STA 274+00 TO STA 286+00
DATE: 1/30/09
DRAWN BY: WS
CHECKED BY: MW
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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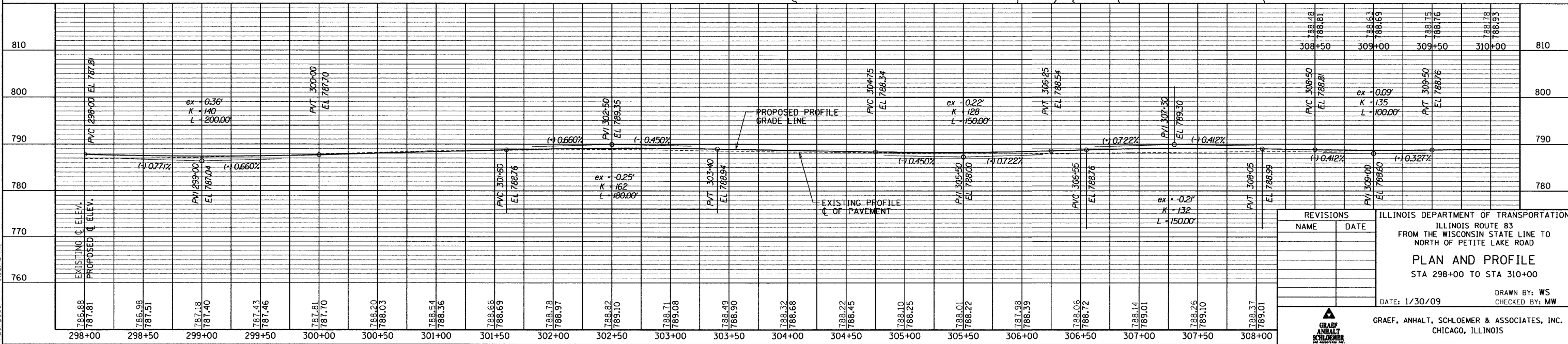
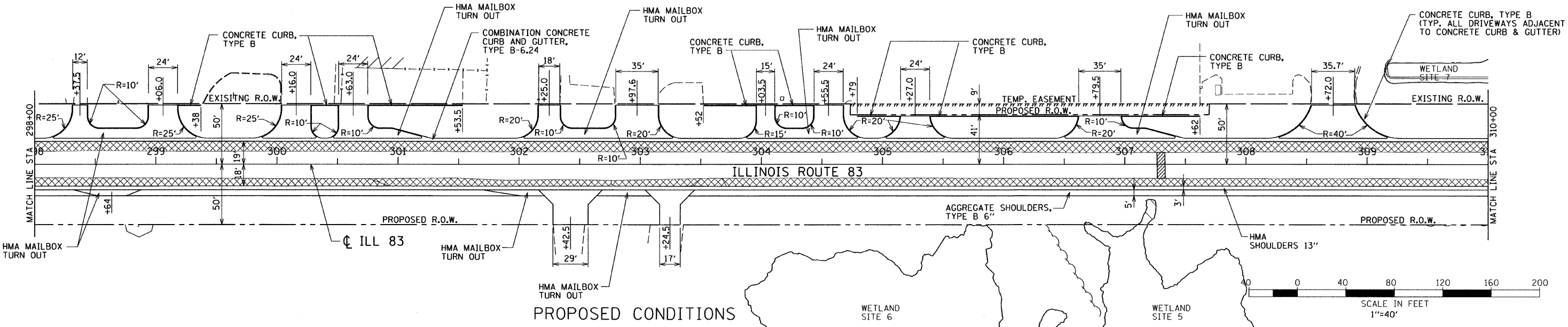
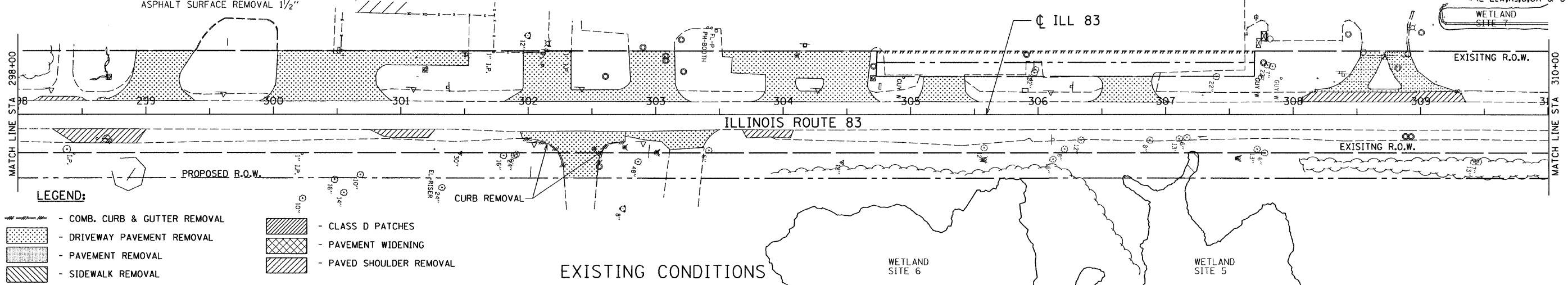
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	63
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA 299+00 TO 302+00
 VARY THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL TO PROVIDE FOR 2 1/2" LEVELING BINDER AND HMA SURFACE. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"



*(L-2(W,R);6.6A & 6 EXT) WRS-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 298+00 TO STA 310+00

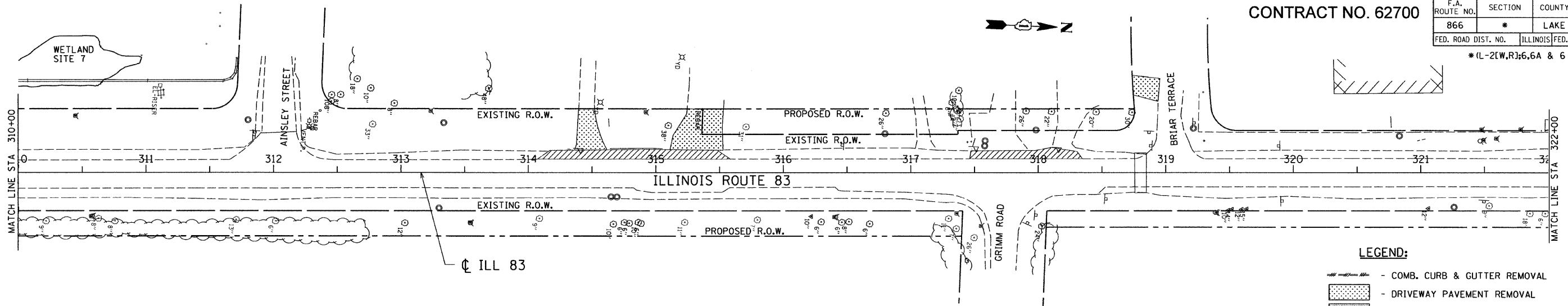
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

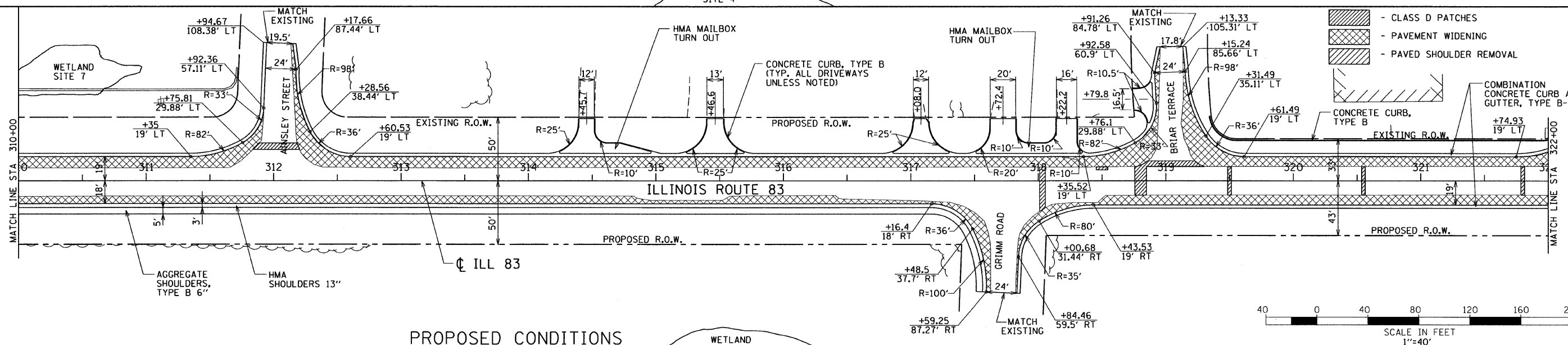
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*(L-2(W,R);6,6A & 6 EXT) WRS-1		



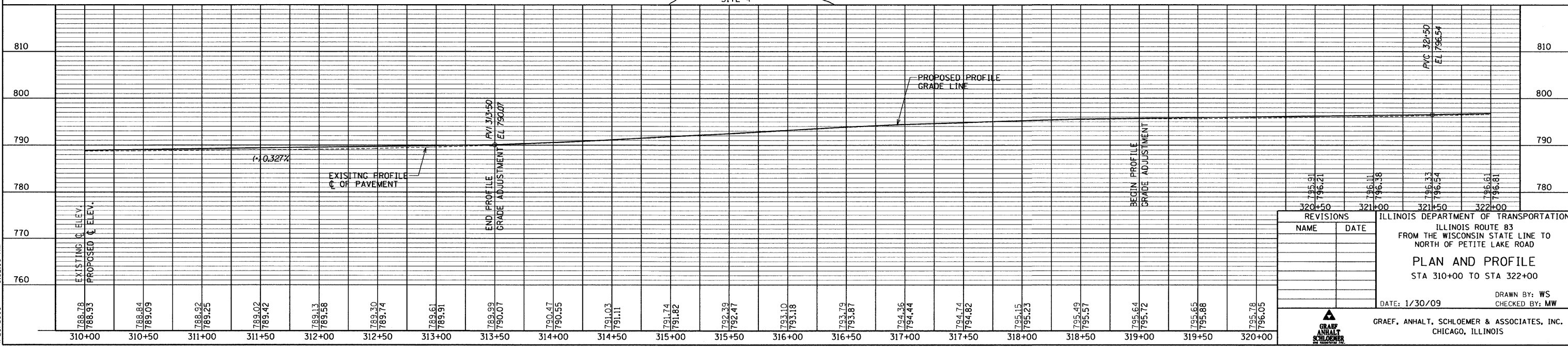
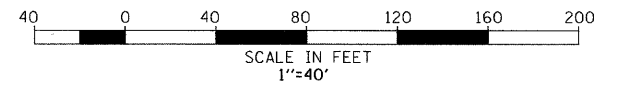
EXISTING CONDITIONS

LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING
- PAVED SHOULDER REMOVAL
- CONCRETE CURB, TYPE B
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 310+00 TO STA 322+00

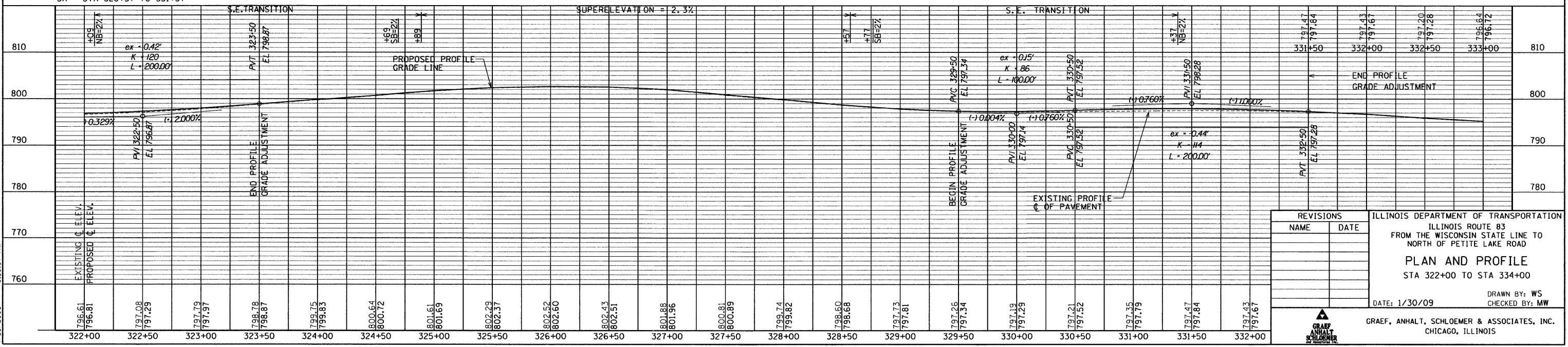
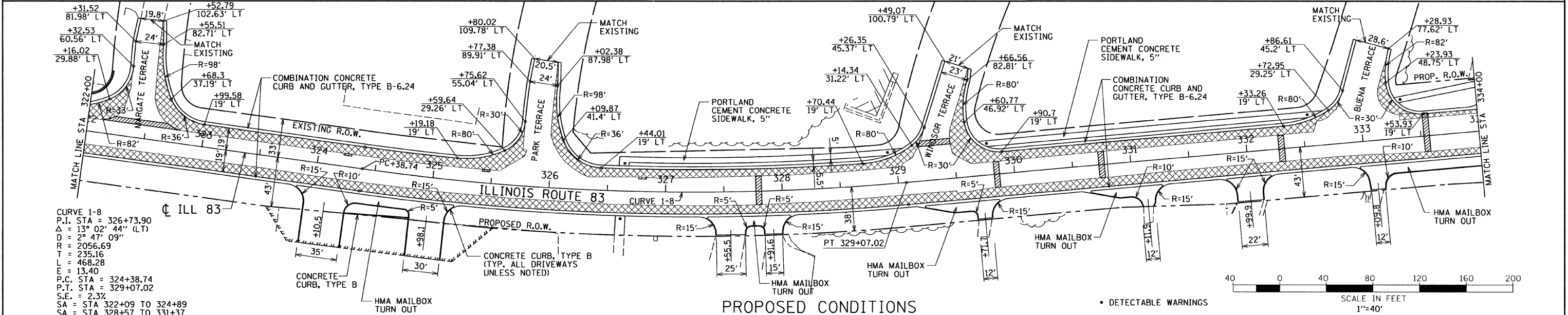
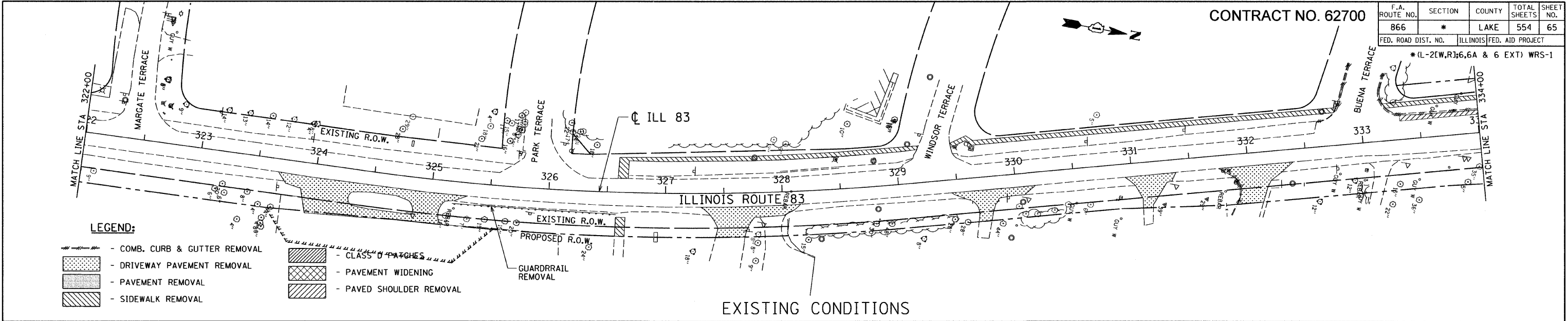
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		* (L-2(W,R);6,6A & 6 EXT) WRS-1		

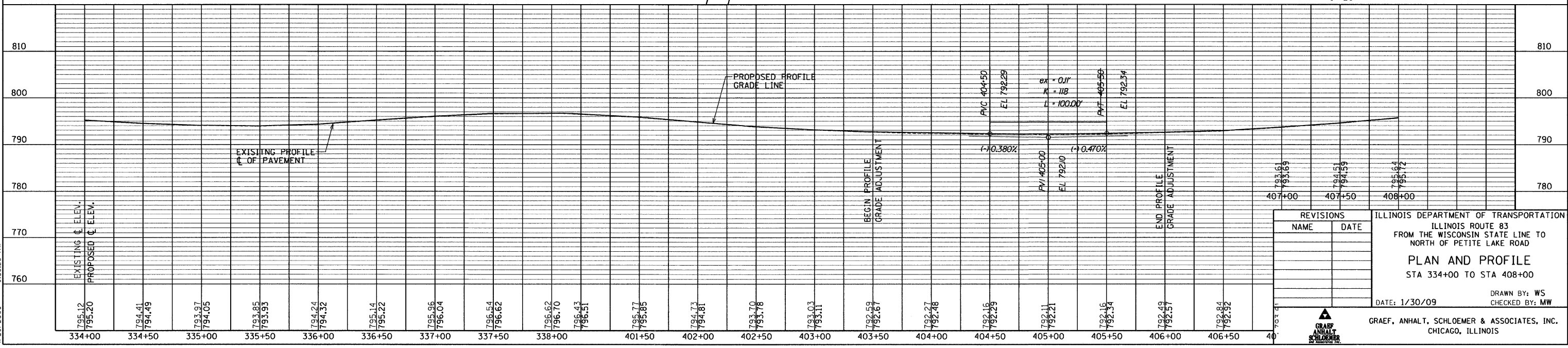
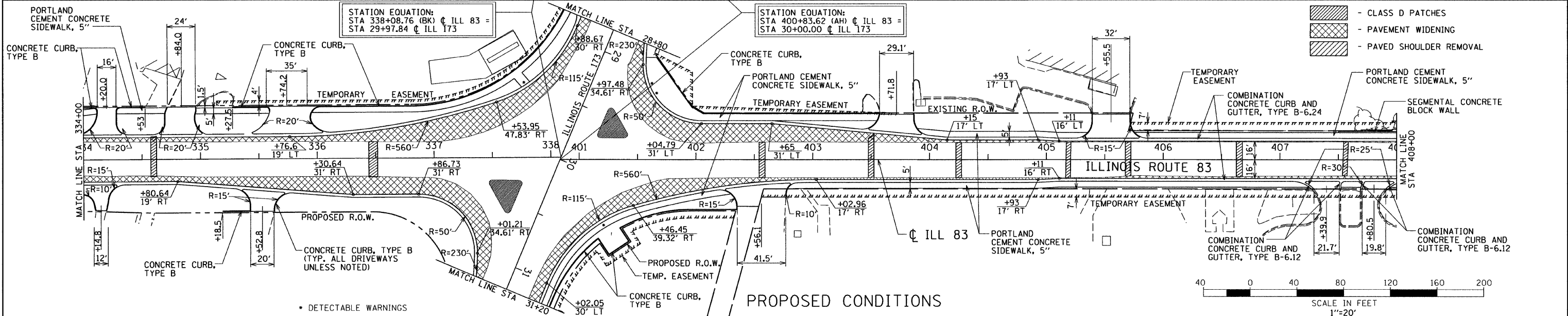
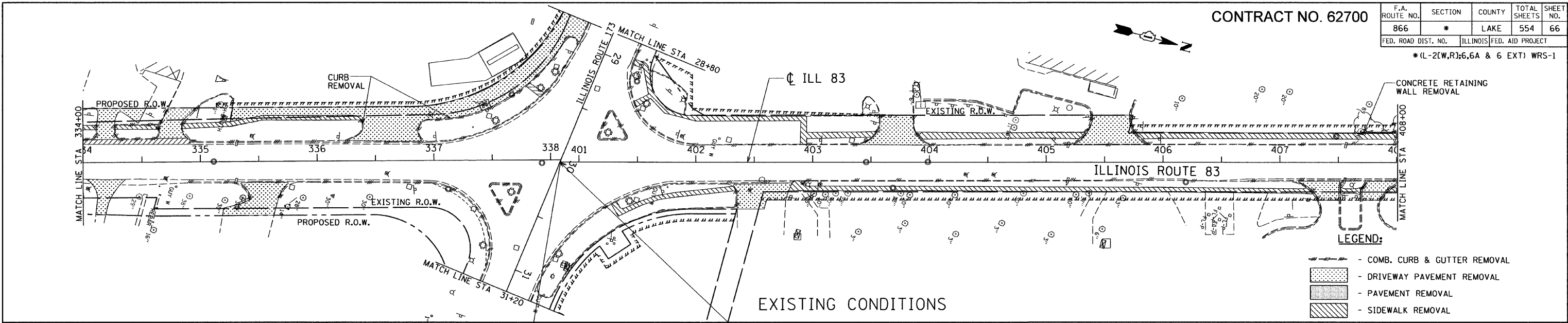


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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	66
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 334+00 TO STA 408+00

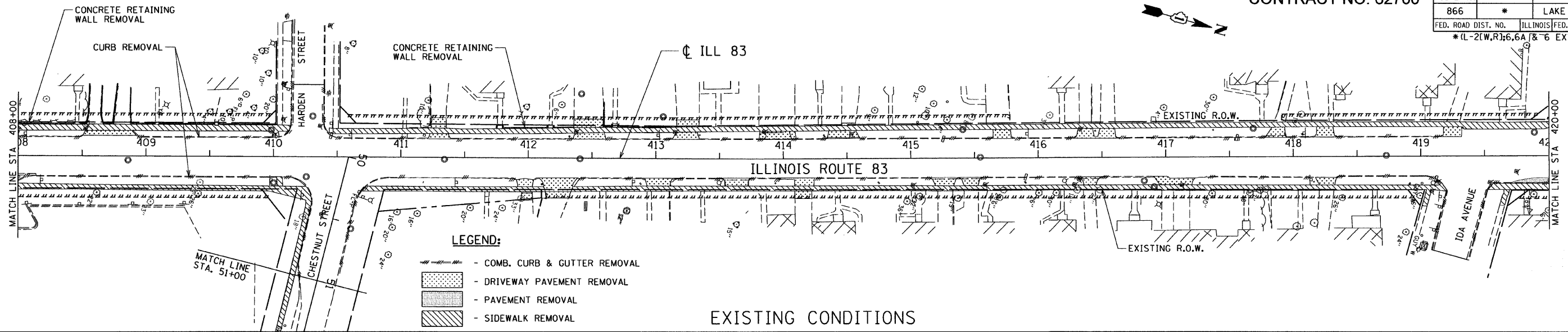
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

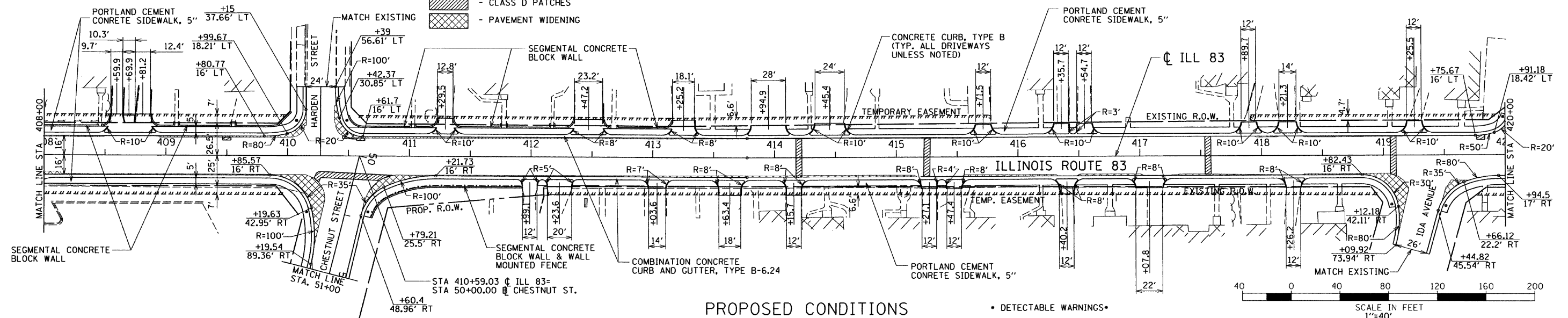
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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		* (L-2[W,R], 6, 6A, 6 & 6 EXT) WRS-1		

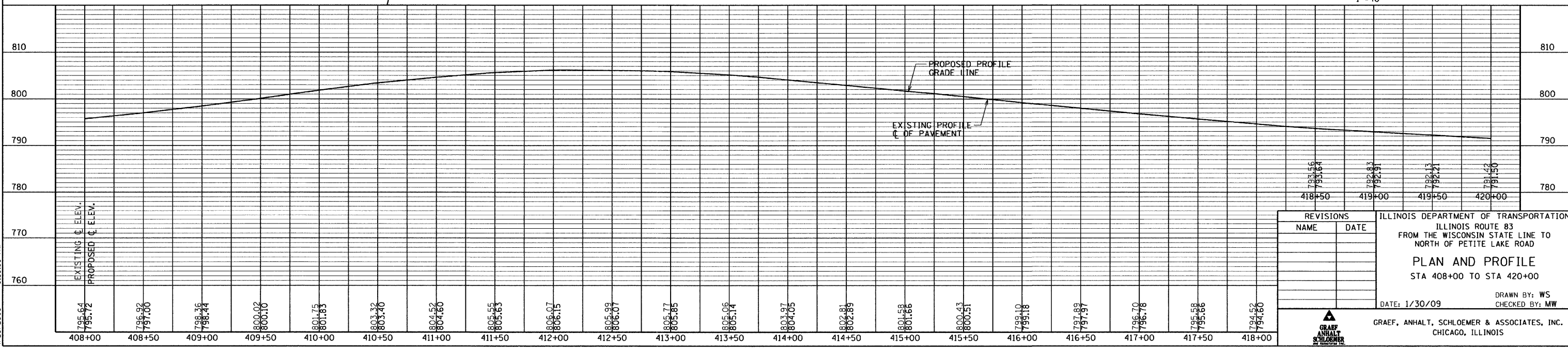


EXISTING CONDITIONS



PROPOSED CONDITIONS

• DETECTABLE WARNINGS •



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 408+00 TO STA 420+00

DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

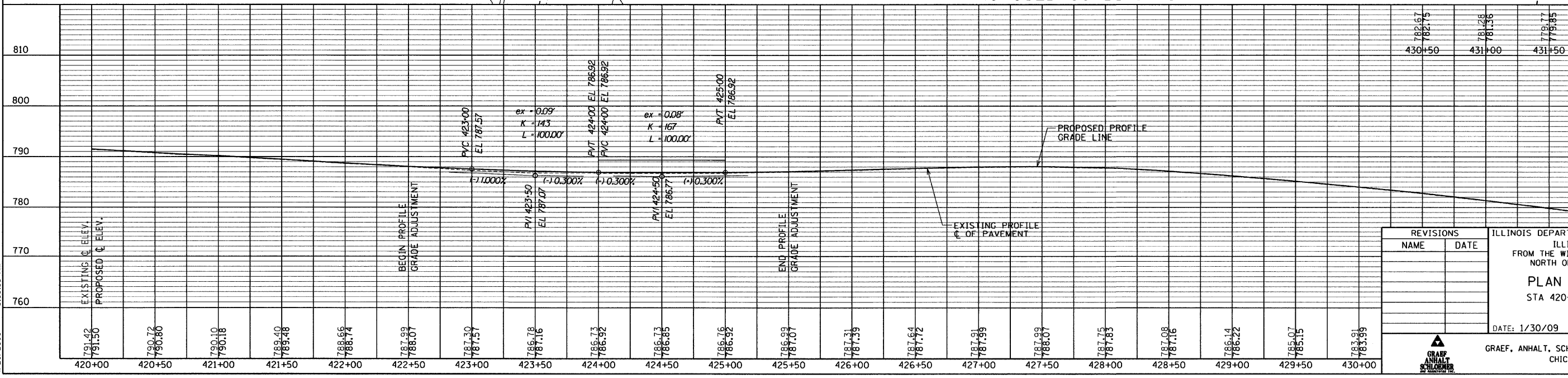
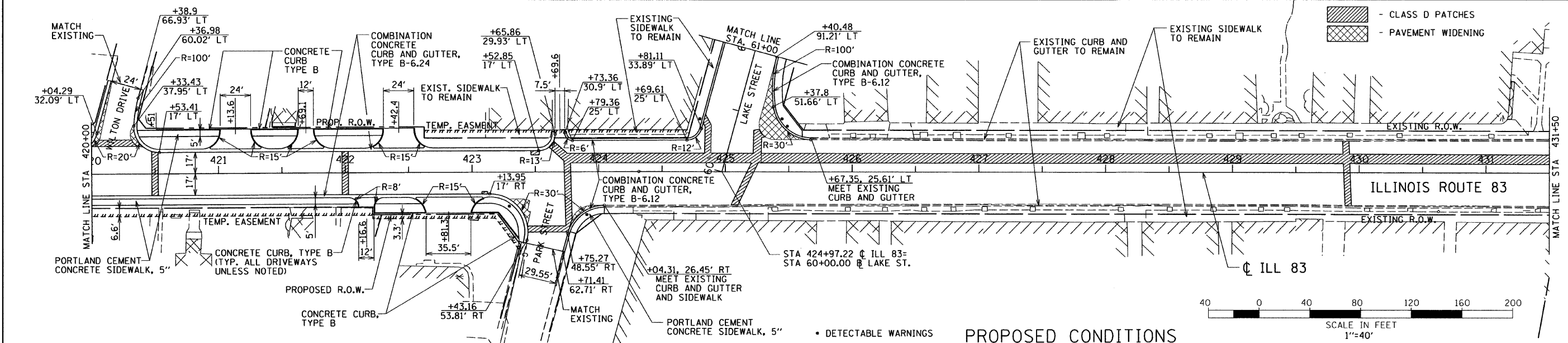
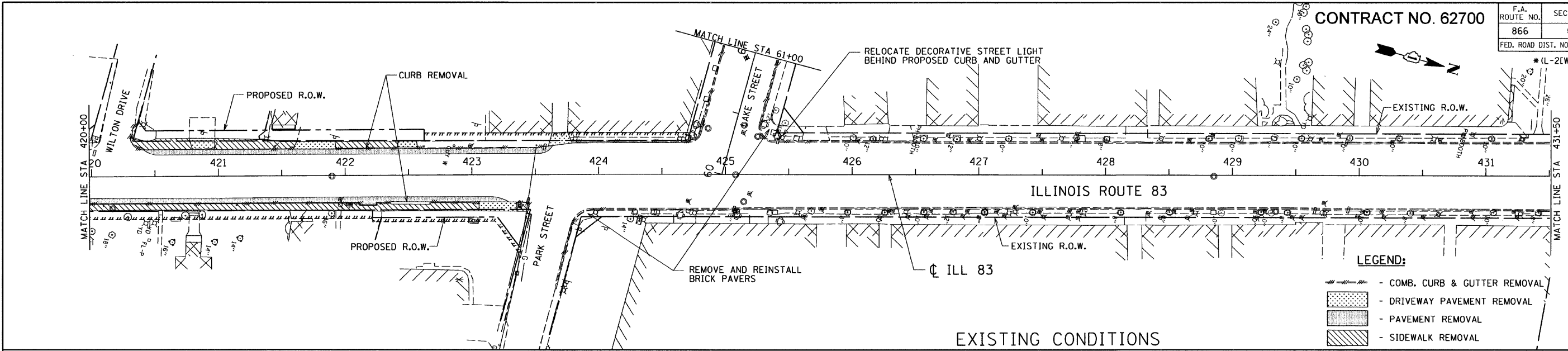
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	68
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*(L-2(W,R);6,6A & 6 EXT) WRS-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
STA 420+00 TO STA 431+50

DATE: 1/30/09
DRAWN BY: WS
CHECKED BY: MW

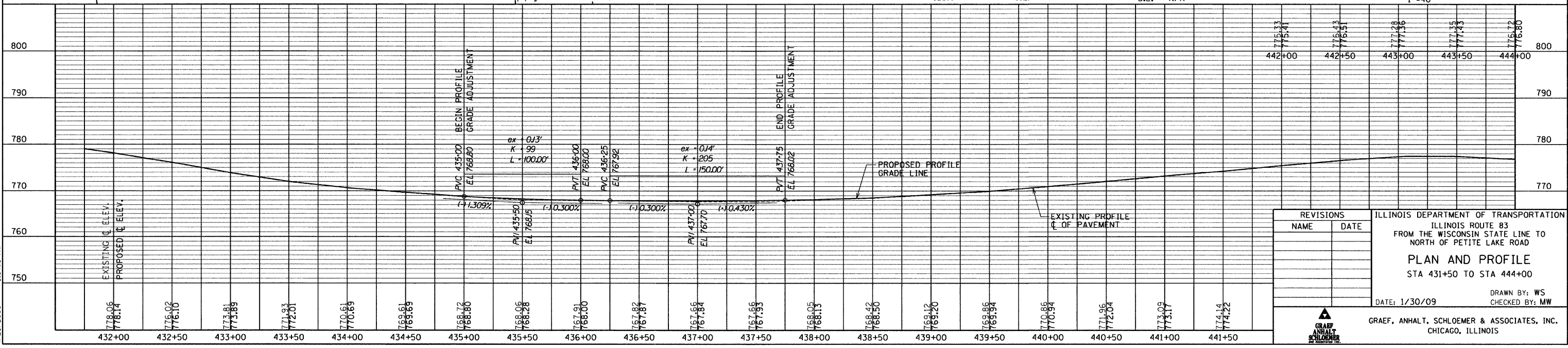
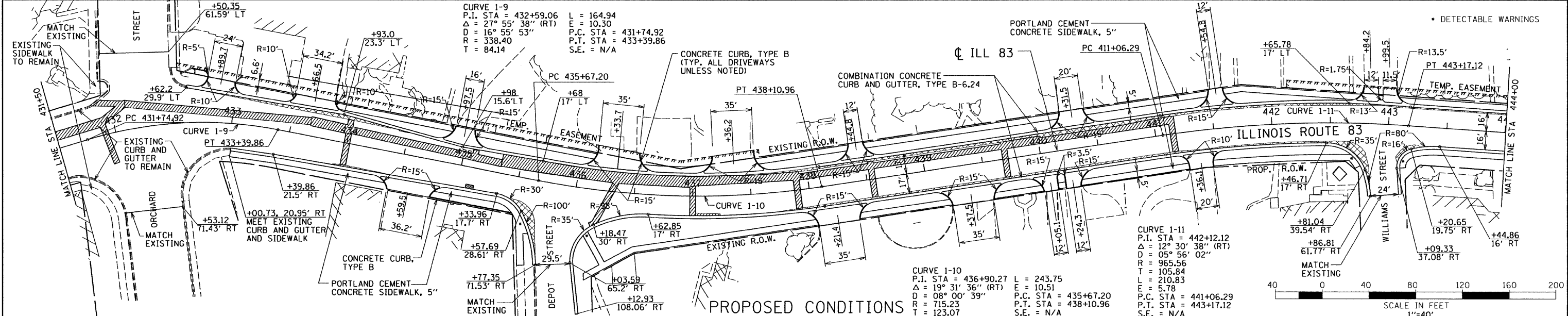
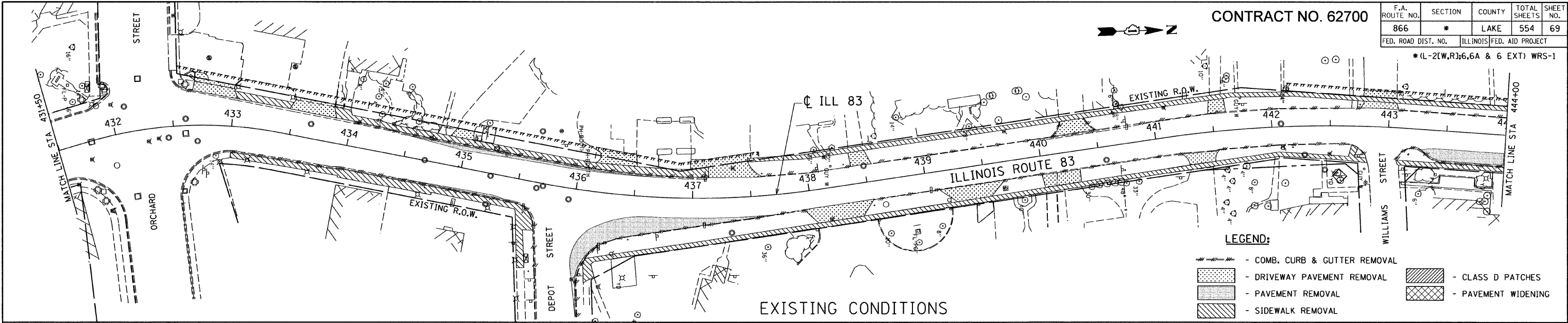
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	69
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2(W,R);6,6A & 6 EXT) WRS-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 431+50 TO STA 444+00

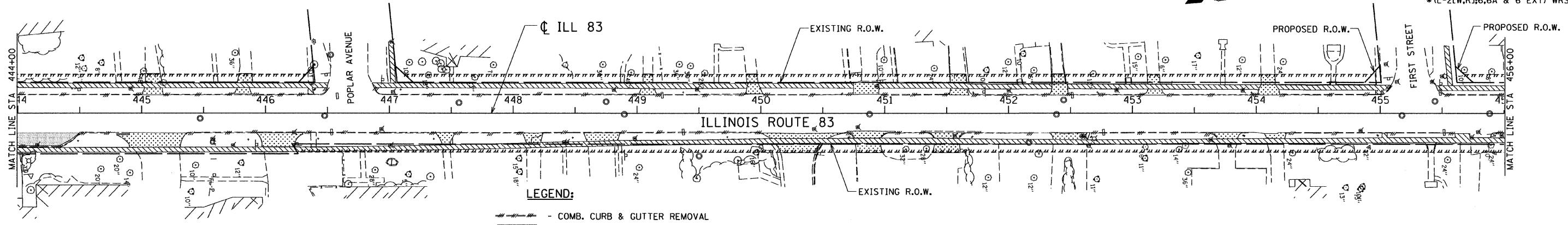
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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 4/29/2009

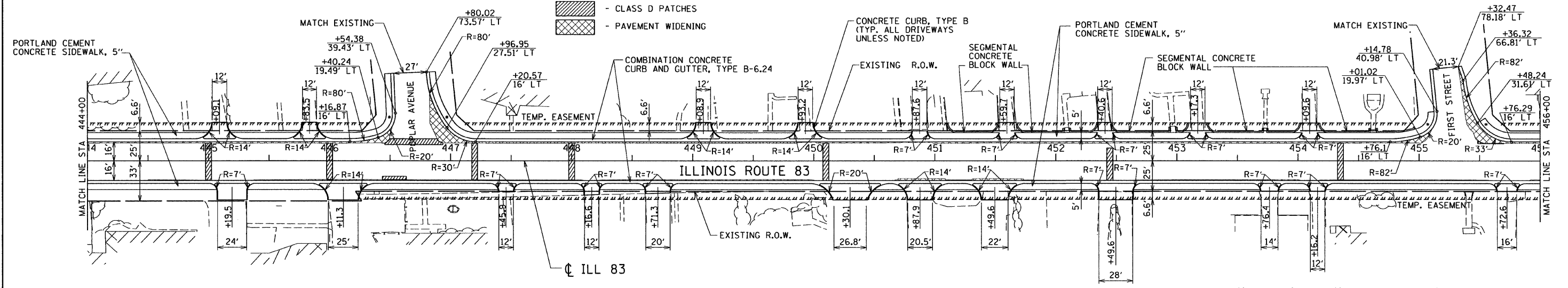
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	70
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*(L-2(W,R);6,6A & 6 EXT) WRS-1		

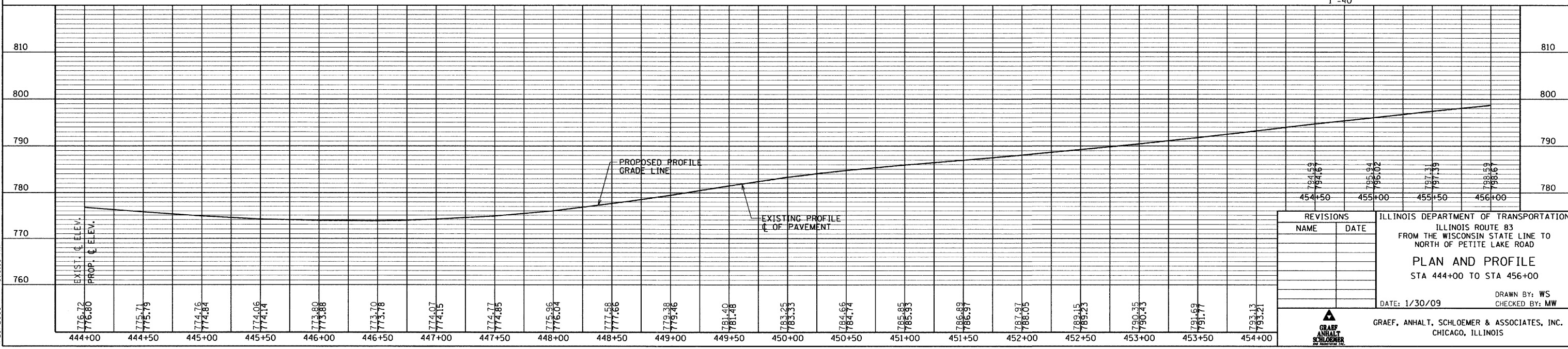
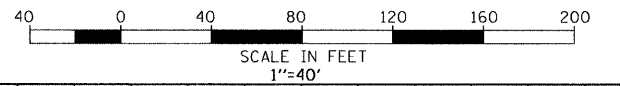


- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING

EXISTING CONDITIONS



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 444+00 TO STA 456+00

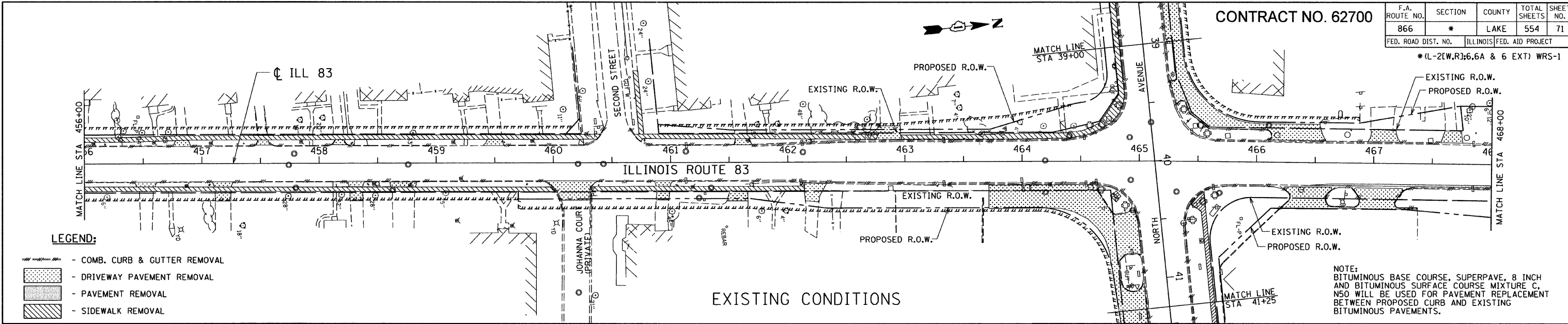
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

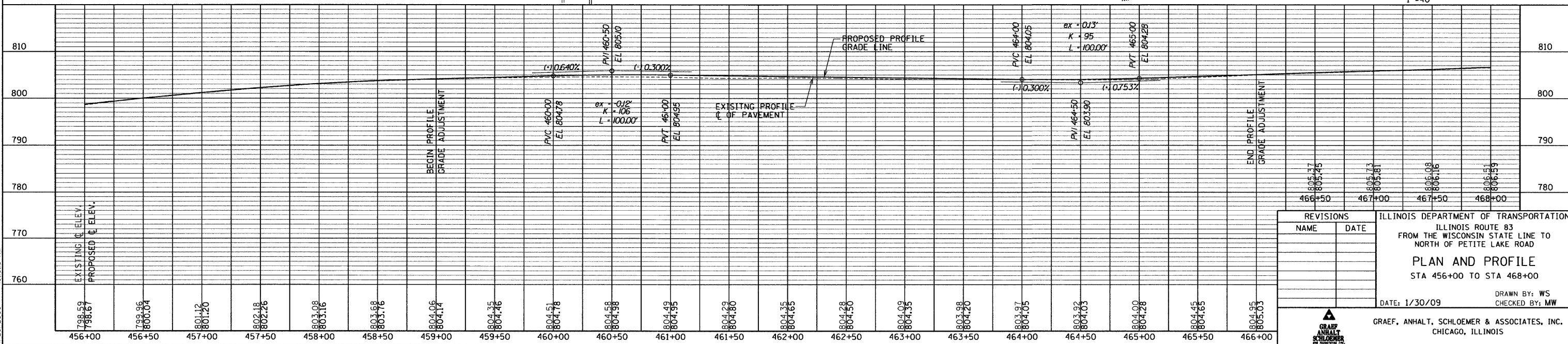
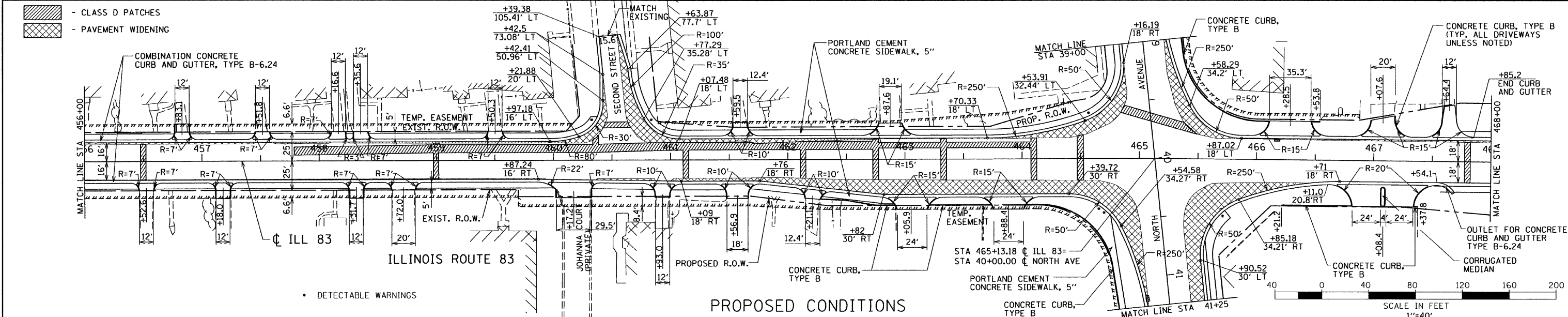
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	71
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6.6A & 6 EXT) WRS-1				



LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING

NOTE:
BITUMINOUS BASE COURSE, SUPERPAVE, 8 INCH AND BITUMINOUS SURFACE COURSE MIXTURE C, N50 WILL BE USED FOR PAVEMENT REPLACEMENT BETWEEN PROPOSED CURB AND EXISTING BITUMINOUS PAVEMENTS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
STA 456+00 TO STA 468+00

DATE: 1/30/09
DRAWN BY: WS
CHECKED BY: MW

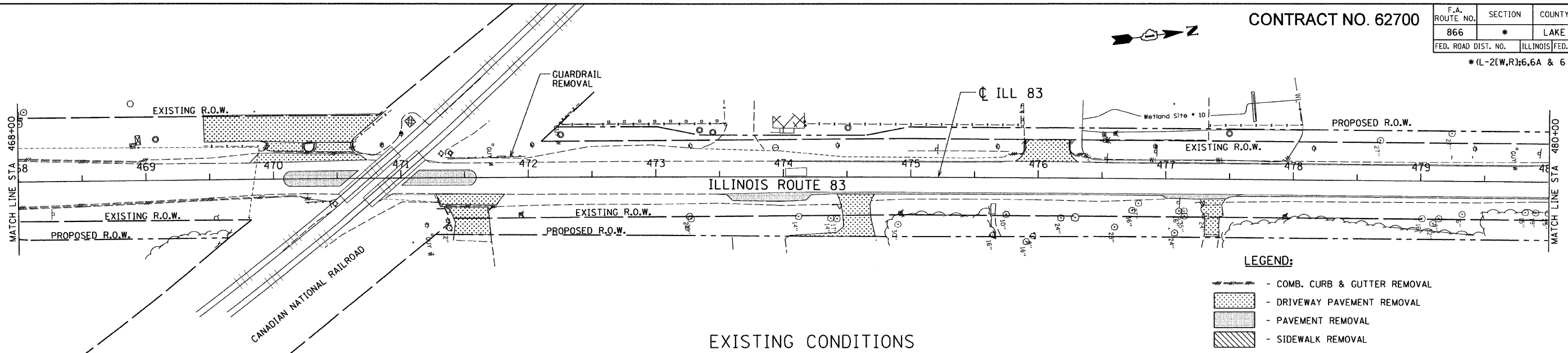
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	72
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

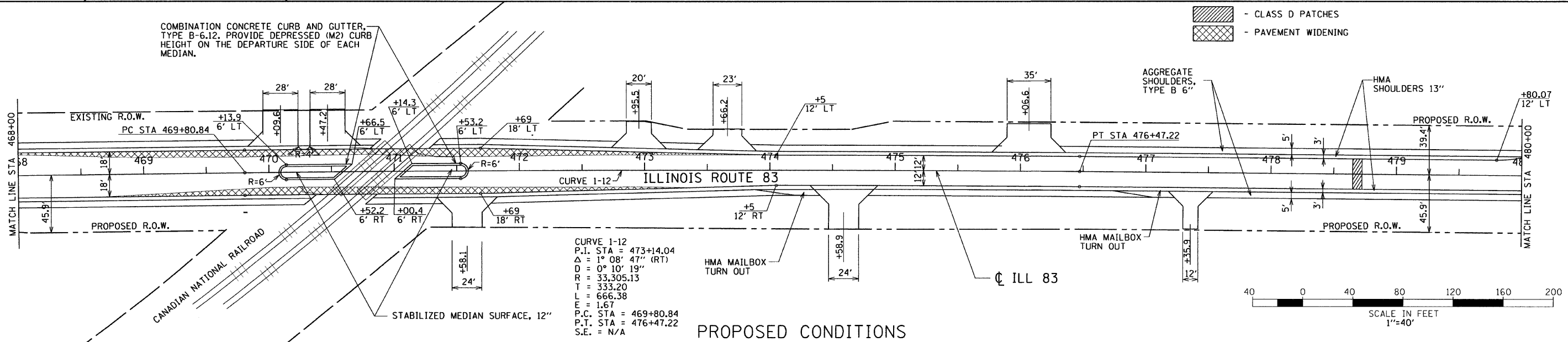
*(L-2(W,R);6,6A & 6 EXT) WRS-1



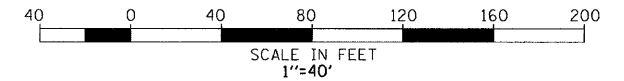
LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING

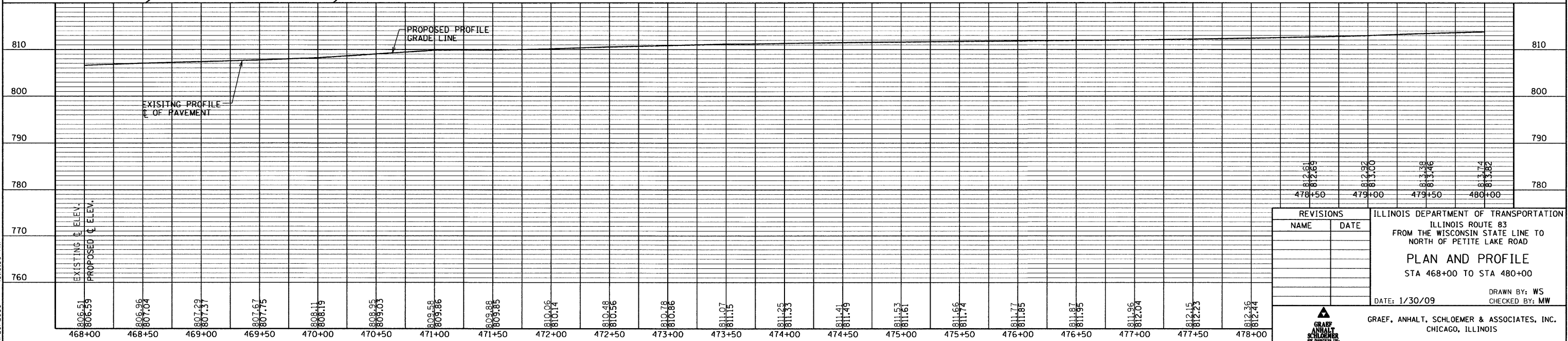
EXISTING CONDITIONS



CURVE 1-12
 P.I. STA = 473+14.04
 $\Delta = 1^\circ 08' 47''$ (RT)
 $D = 0^\circ 10' 19''$
 $R = 33,305.13$
 $T = 333.20$
 $L = 666.38$
 $E = 1.67$
 P.C. STA = 469+80.84
 P.T. STA = 476+47.22
 S.E. = N/A



PROPOSED CONDITIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 468+00 TO STA 480+00

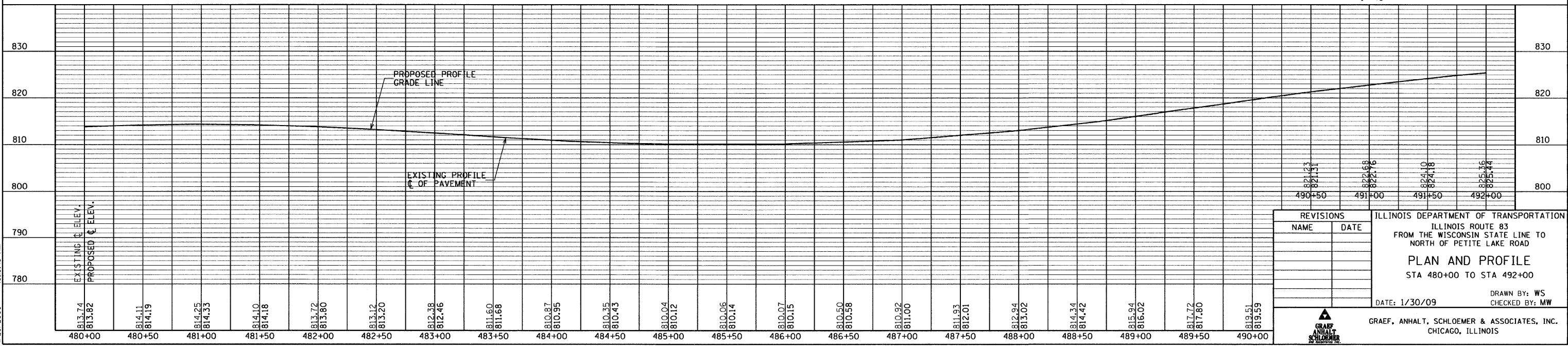
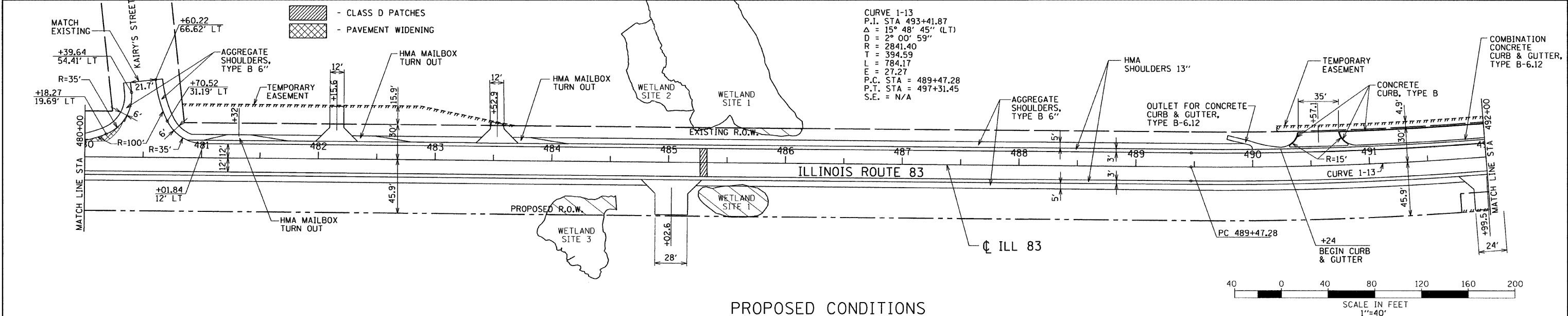
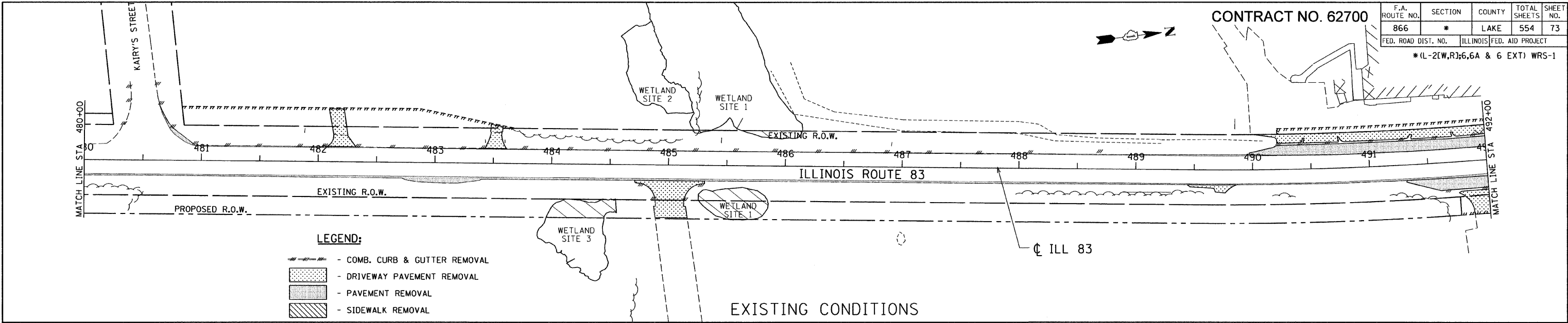
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

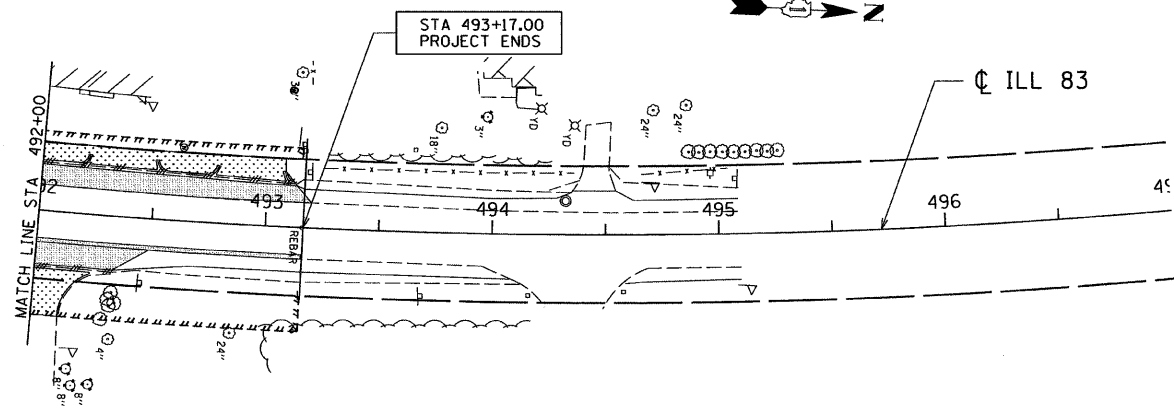
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	73
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			*(L-2(W,R);6,6A & 6 EXT) WRS-1	



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS ROUTE 83	
		FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD	
		PLAN AND PROFILE	
		STA 480+00 TO STA 492+00	
		DATE: 1/30/09	DRAWN BY: WS CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS	

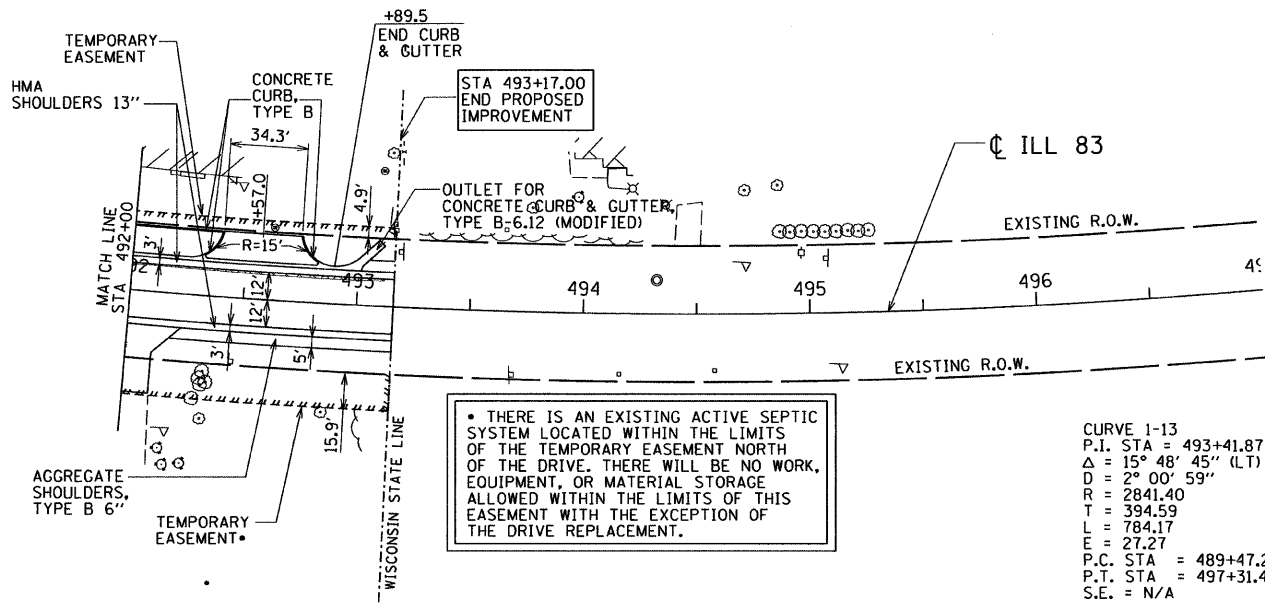
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	74
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				

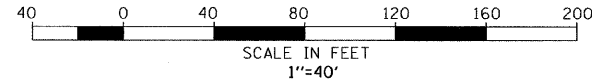


EXISTING CONDITIONS

- LEGEND:**
- COMB. CURB & GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES
 - PAVEMENT WIDENING

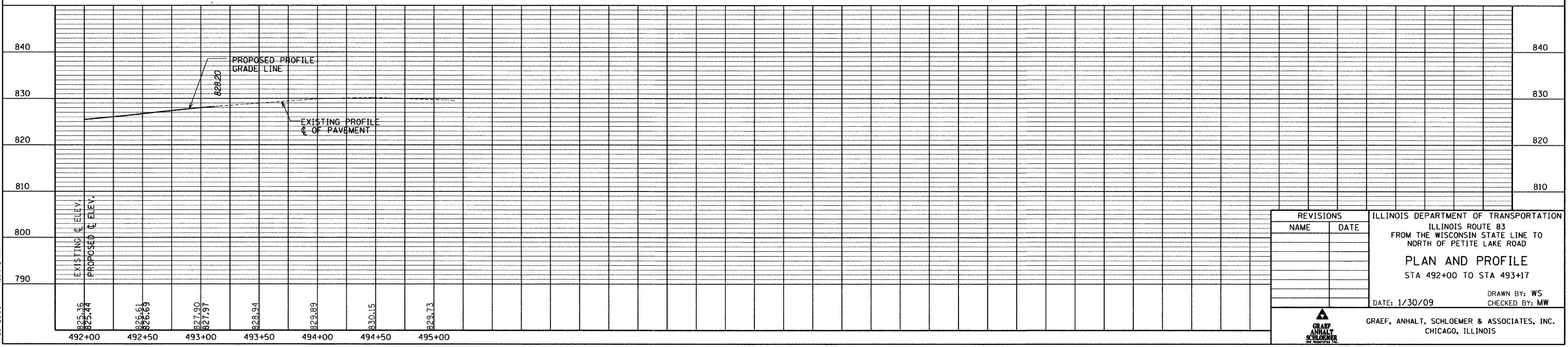


PROPOSED CONDITIONS



• THERE IS AN EXISTING ACTIVE SEPTIC SYSTEM LOCATED WITHIN THE LIMITS OF THE TEMPORARY EASEMENT NORTH OF THE DRIVE. THERE WILL BE NO WORK, EQUIPMENT, OR MATERIAL STORAGE ALLOWED WITHIN THE LIMITS OF THIS EASEMENT WITH THE EXCEPTION OF THE DRIVE REPLACEMENT.

CURVE 1-13
 P.I. STA = 493+41.87
 $\Delta = 15^\circ 48' 45''$ (LT)
 $D = 2^\circ 00' 59''$
 $R = 2841.40$
 $T = 394.59$
 $L = 784.17$
 $E = 27.27$
 P.C. STA = 489+47.28
 P.T. STA = 497+31.45
 S.E. = N/A



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 STA 492+00 TO STA 493+17

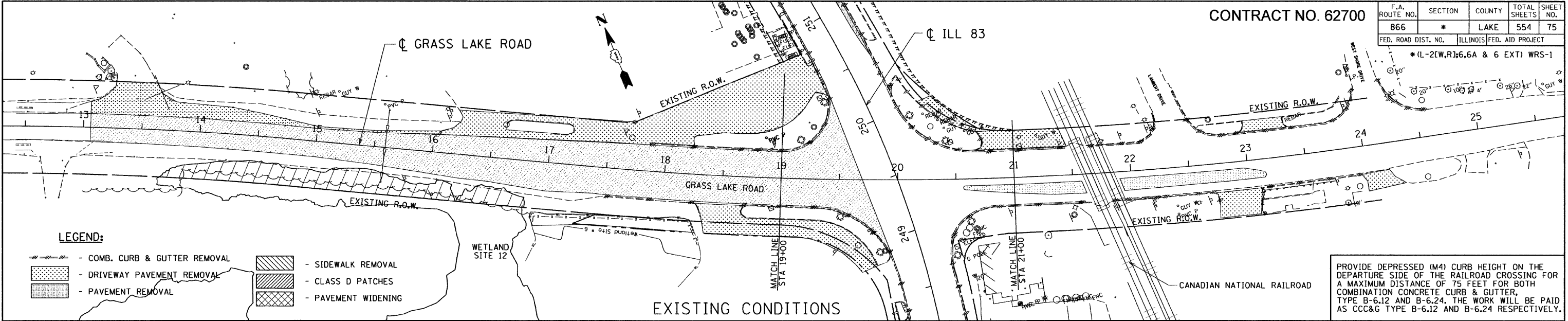
DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF ANHALT SCHLOEMER
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

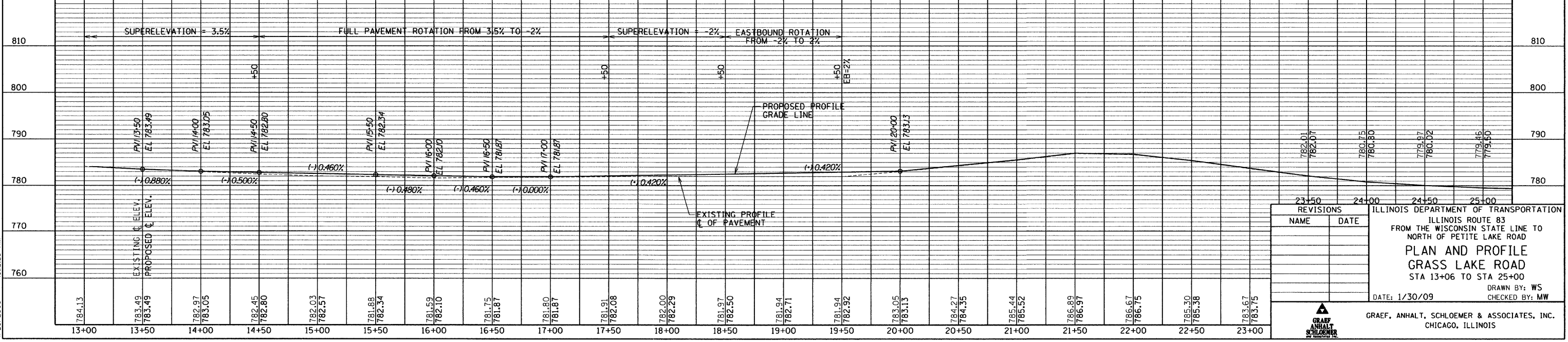
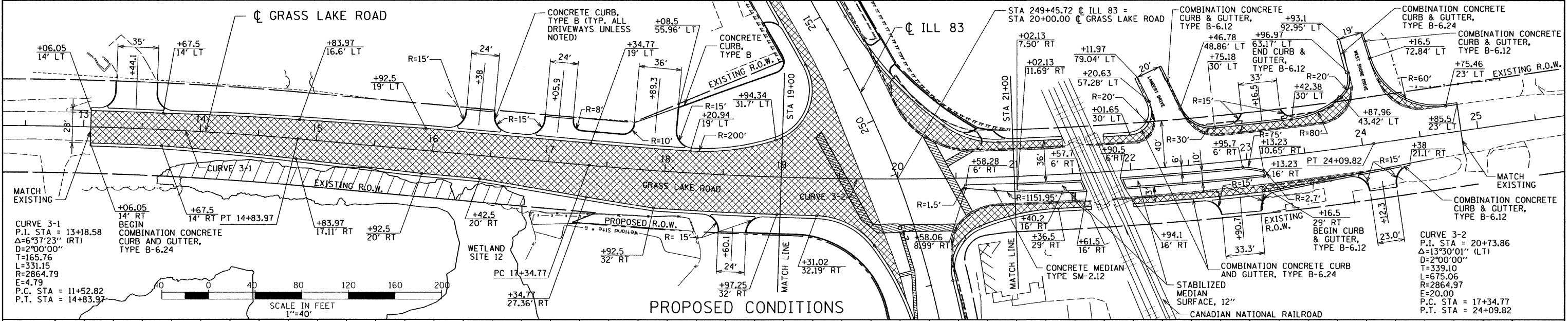
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	75
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*(L-2(W,R);6.6A & 6 EXT) WRS-1		



LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING

PROVIDE DEPRESSED (M4) CURB HEIGHT ON THE DEPARTURE SIDE OF THE RAILROAD CROSSING FOR A MAXIMUM DISTANCE OF 75 FEET FOR BOTH COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 AND B-6.24. THE WORK WILL BE PAID AS CCC&G TYPE B-6.12 AND B-6.24 RESPECTIVELY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
GRASS LAKE ROAD
 STA 13+06 TO STA 25+00
 DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

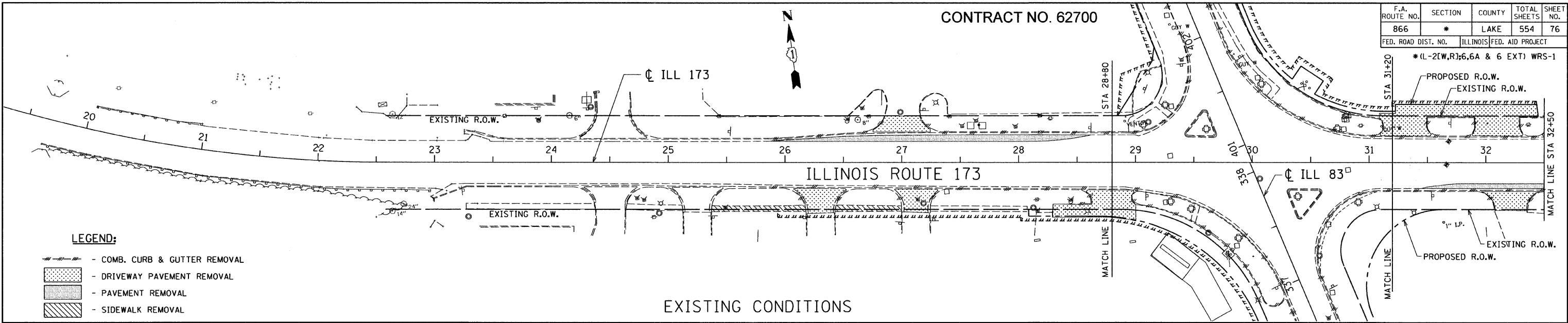
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	76
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

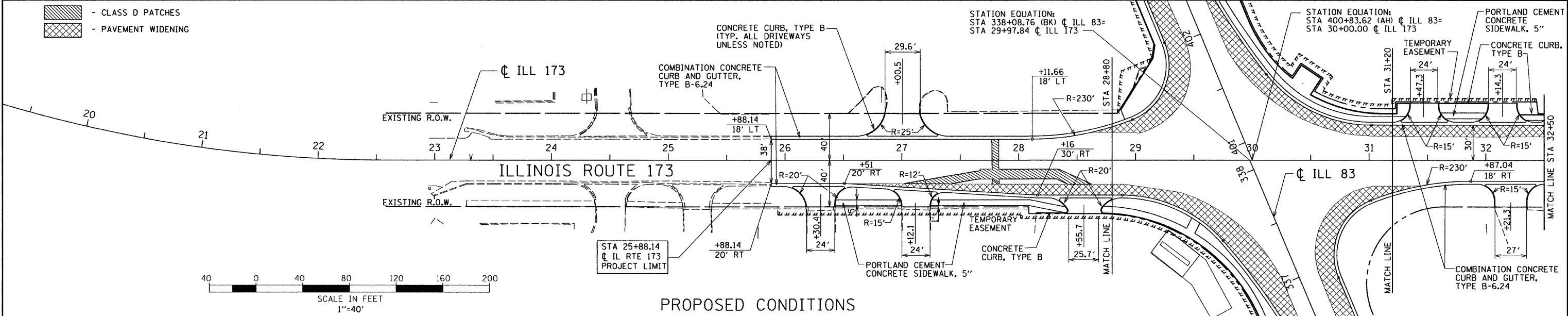
* (L-2[W,R];6.6A & 6 EXT) WRS-1



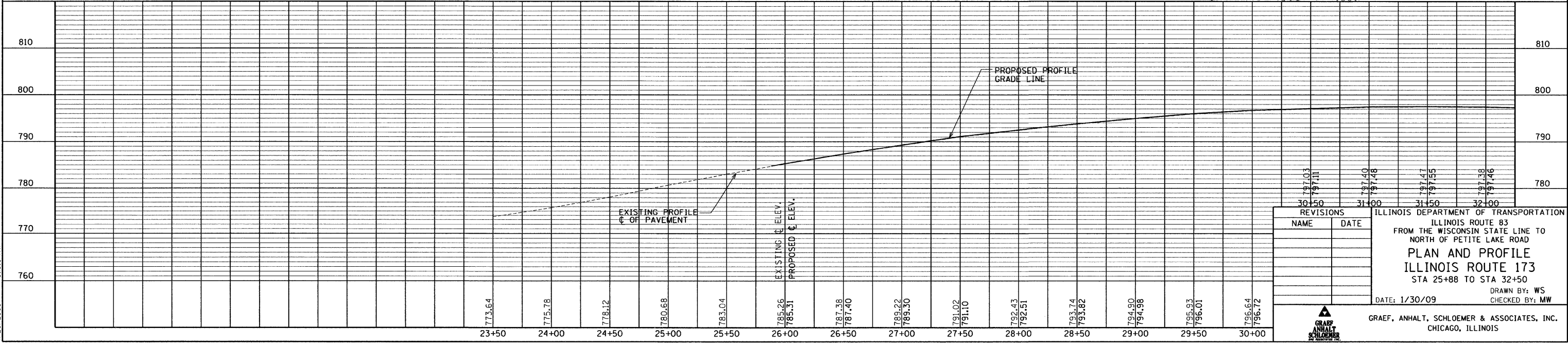
LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING

EXISTING CONDITIONS



PROPOSED CONDITIONS



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS ROUTE 83	
		FROM THE WISCONSIN STATE LINE TO	
		NORTH OF PETITE LAKE ROAD	
		PLAN AND PROFILE	
		ILLINOIS ROUTE 173	
		STA 25+88 TO STA 32+50	
		DATE: 1/30/09	DRAWN BY: WS
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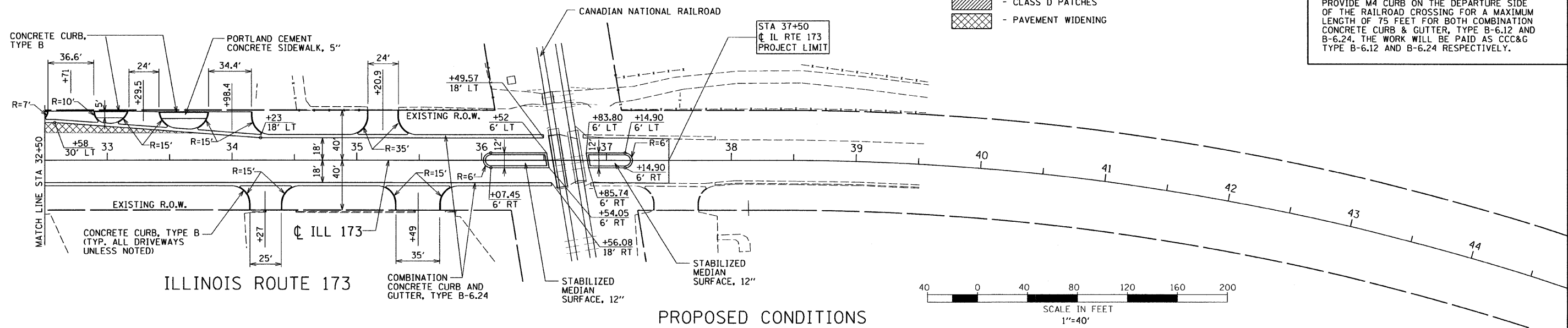
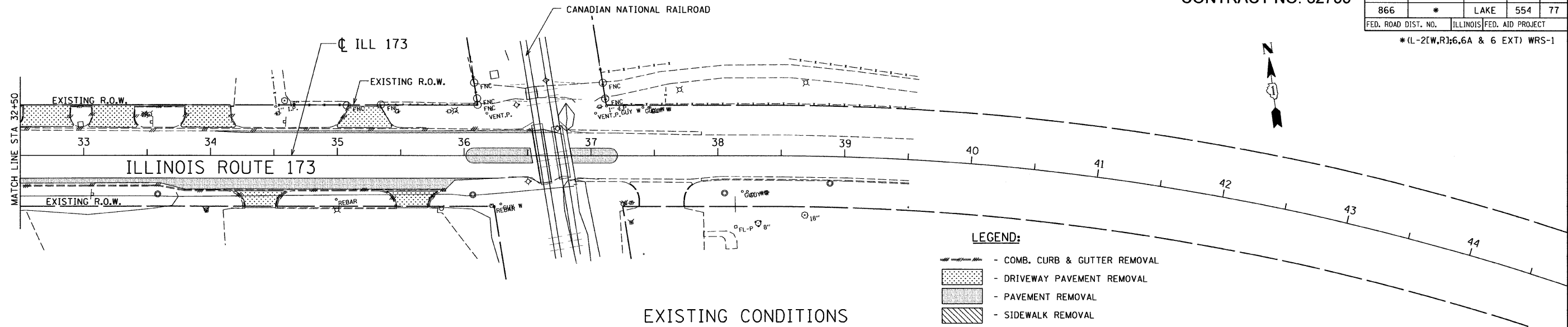
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CHICAGO, ILLINOIS

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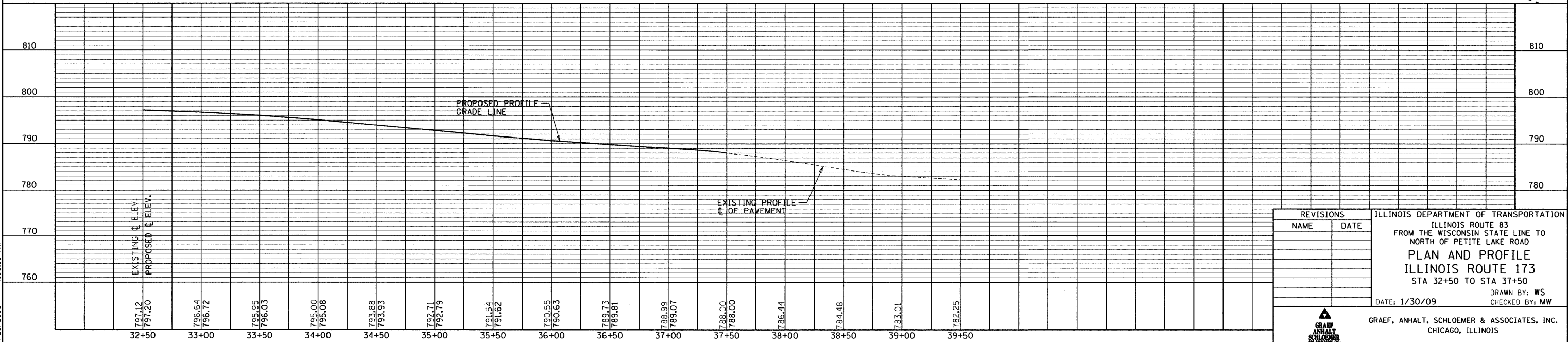
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	77
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2(W,R);6.6A & 6 EXT) WRS-1



PROVIDE M4 CURB ON THE DEPARTURE SIDE OF THE RAILROAD CROSSING FOR A MAXIMUM LENGTH OF 75 FEET FOR BOTH COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 AND B-6.24. THE WORK WILL BE PAID AS CCC&G TYPE B-6.12 AND B-6.24 RESPECTIVELY.



REVISIONS	
NAME	DATE

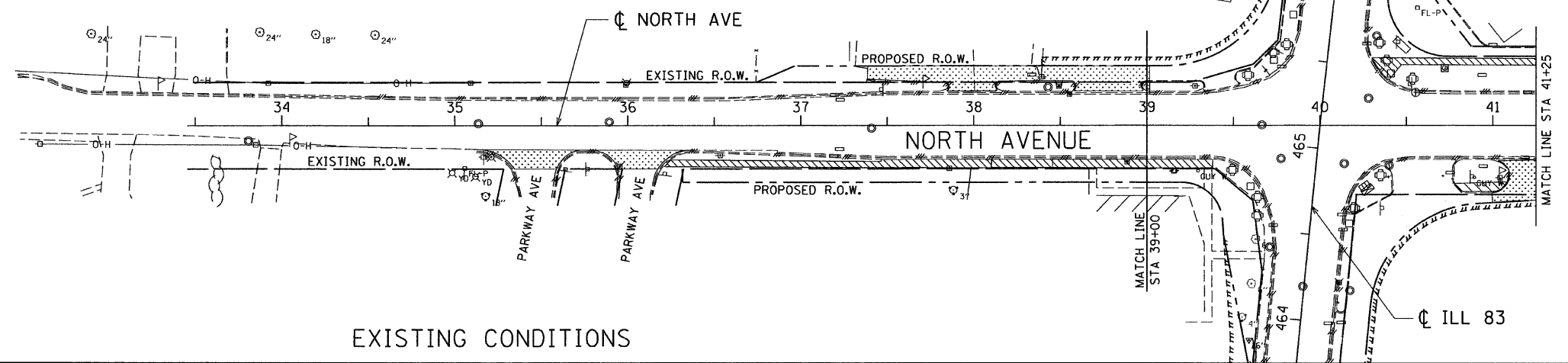
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
 ILLINOIS ROUTE 173
 STA 32+50 TO STA 37+50
 DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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CONTRACT NO. 62700

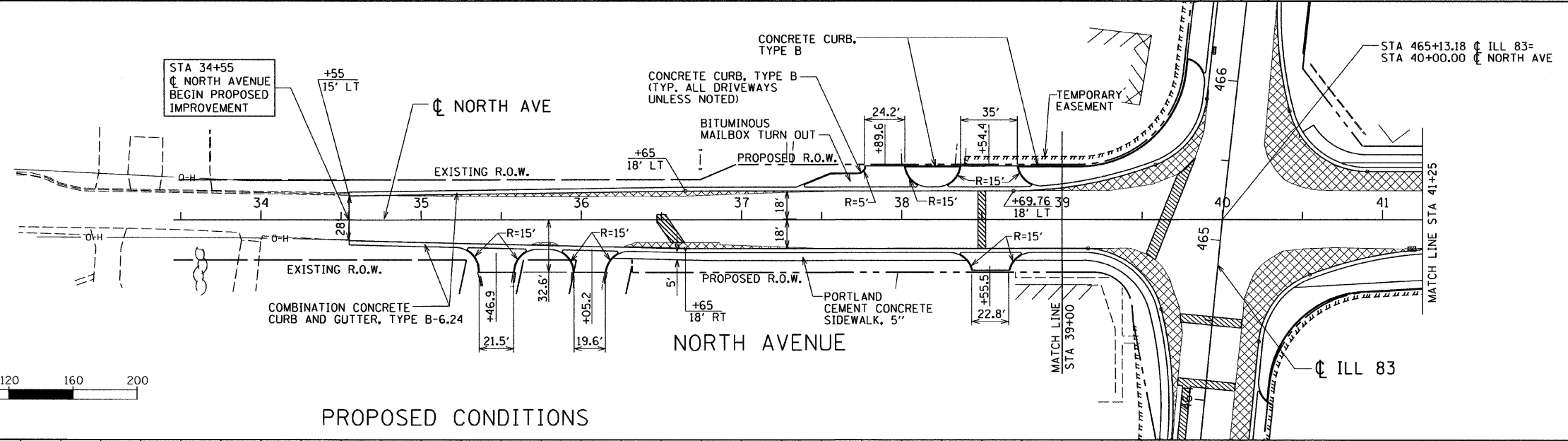
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	78
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (L-2(W,R);6,6A & 6 EXT) WRS-1				



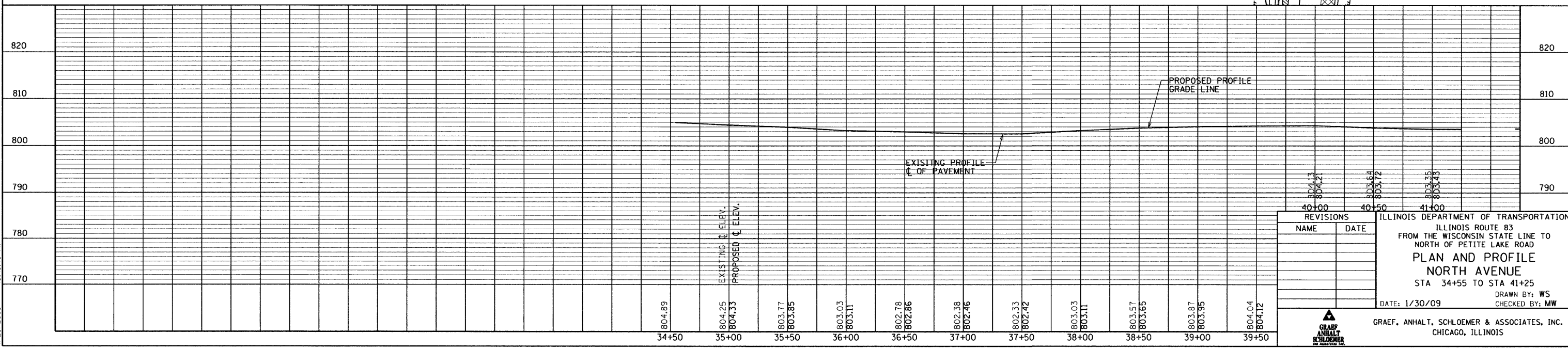
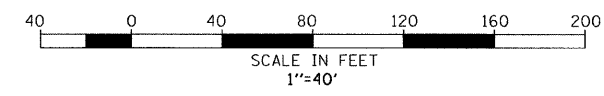
EXISTING CONDITIONS

LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING



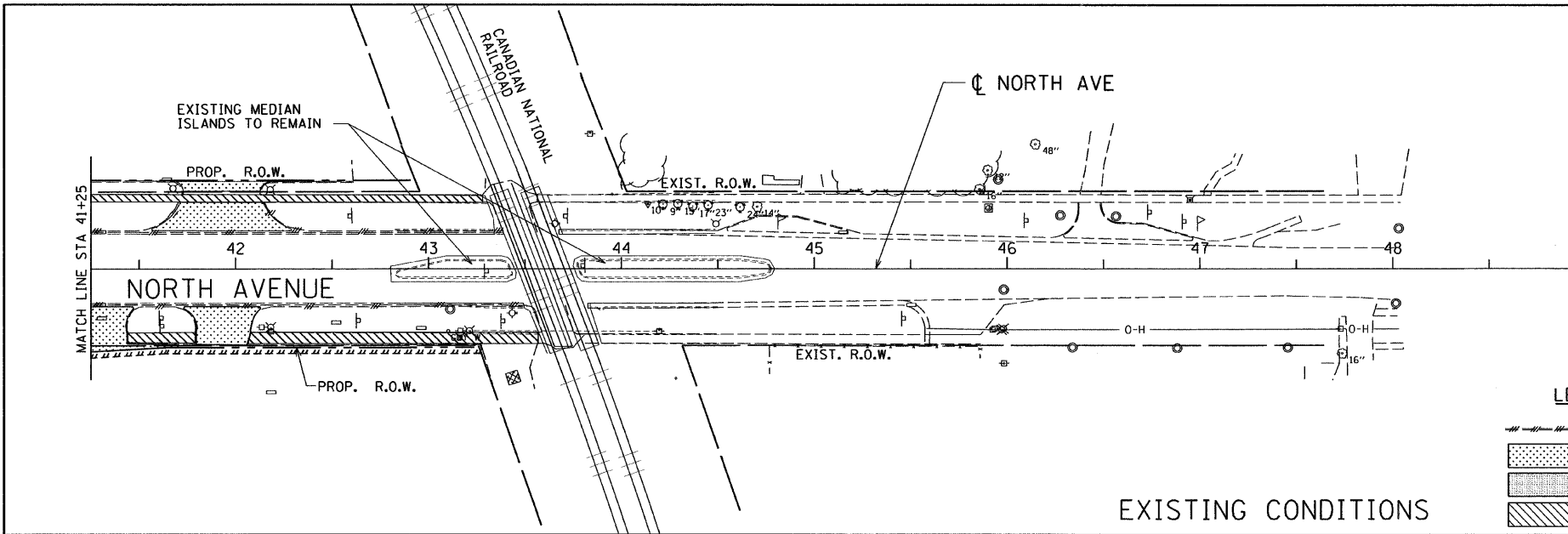
PROPOSED CONDITIONS



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD PLAN AND PROFILE NORTH AVENUE STA 34+55 TO STA 41+25 DATE: 1/30/09 DRAWN BY: WS CHECKED BY: MW	

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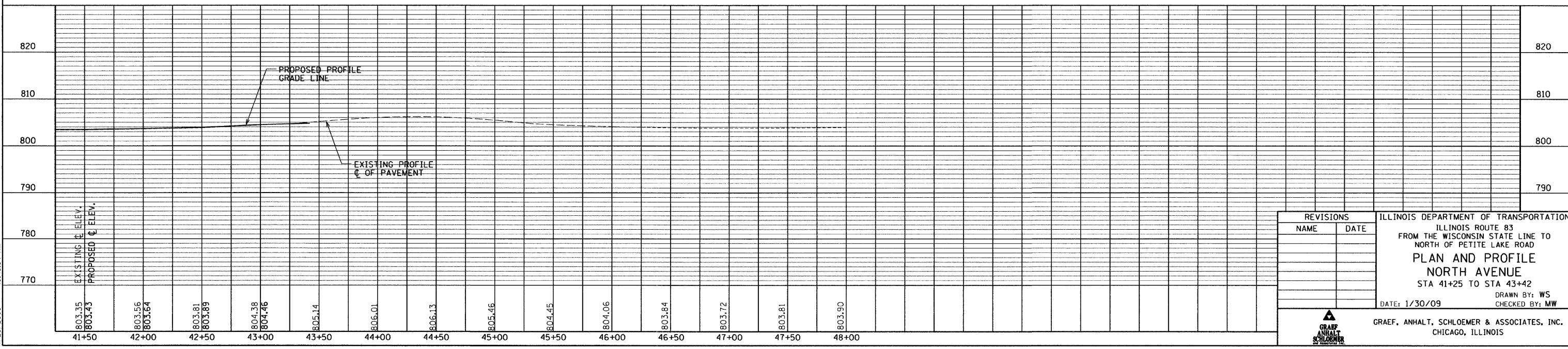
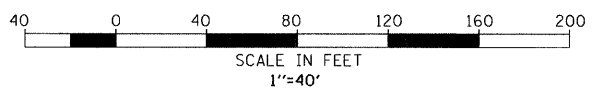
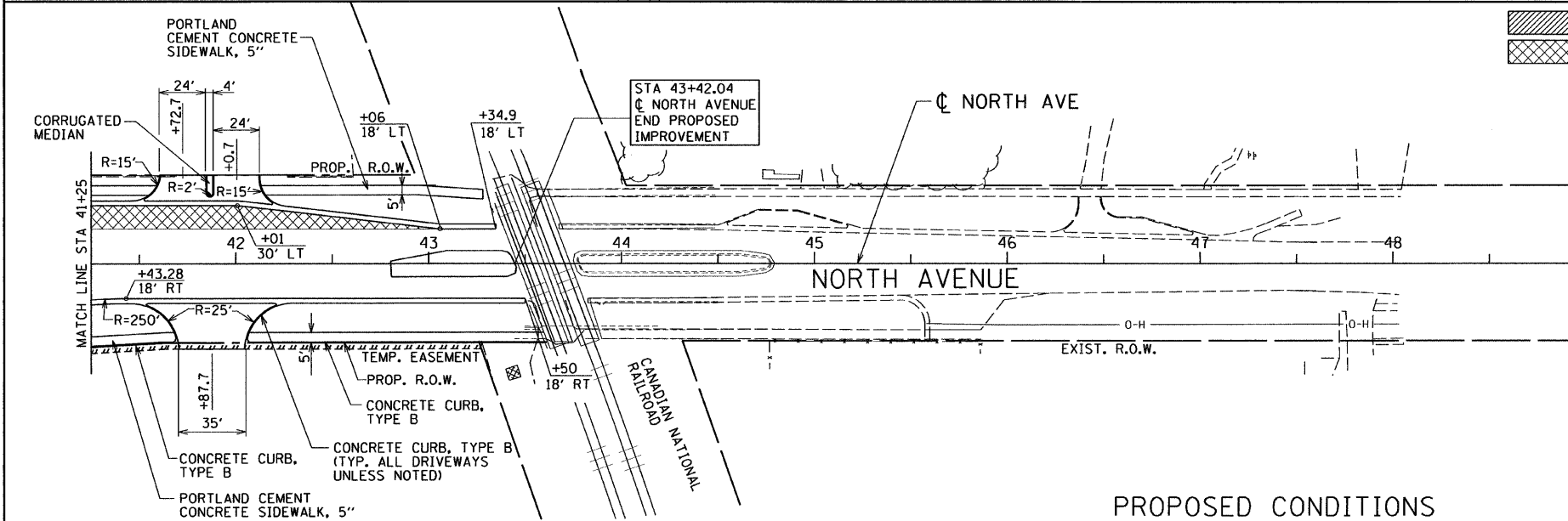
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	79
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



LEGEND:

- COMB. CURB & GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES
- PAVEMENT WIDENING

NOTE:
 HMA BASE COURSE, 8 INCH AND HMA SURFACE COURSE, MIXTURE C, NS0 WILL BE USED FOR PAVEMENT REPLACEMENT BETWEEN PROPOSED CURB AND EXISTING HMA PAVEMENTS.



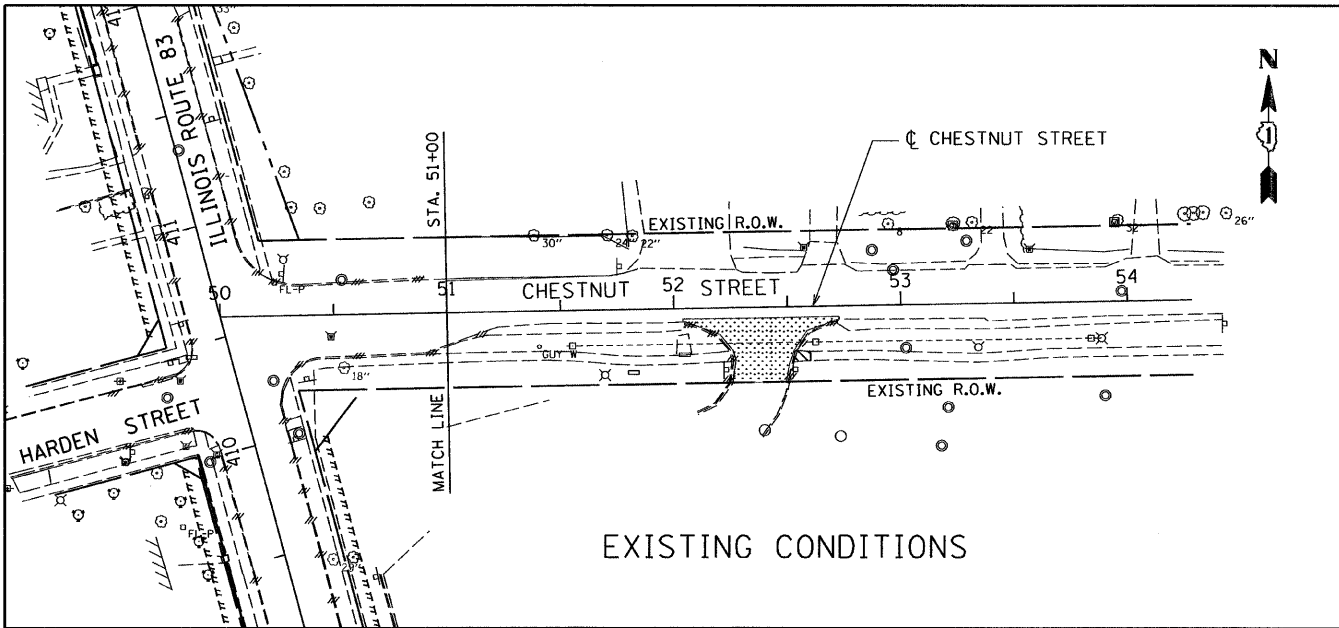
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS ROUTE 83	
		FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD	
		PLAN AND PROFILE	
		NORTH AVENUE	
		STA 41+25 TO STA 43+42	
		DATE: 1/30/09	DRAWN BY: WS CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS	

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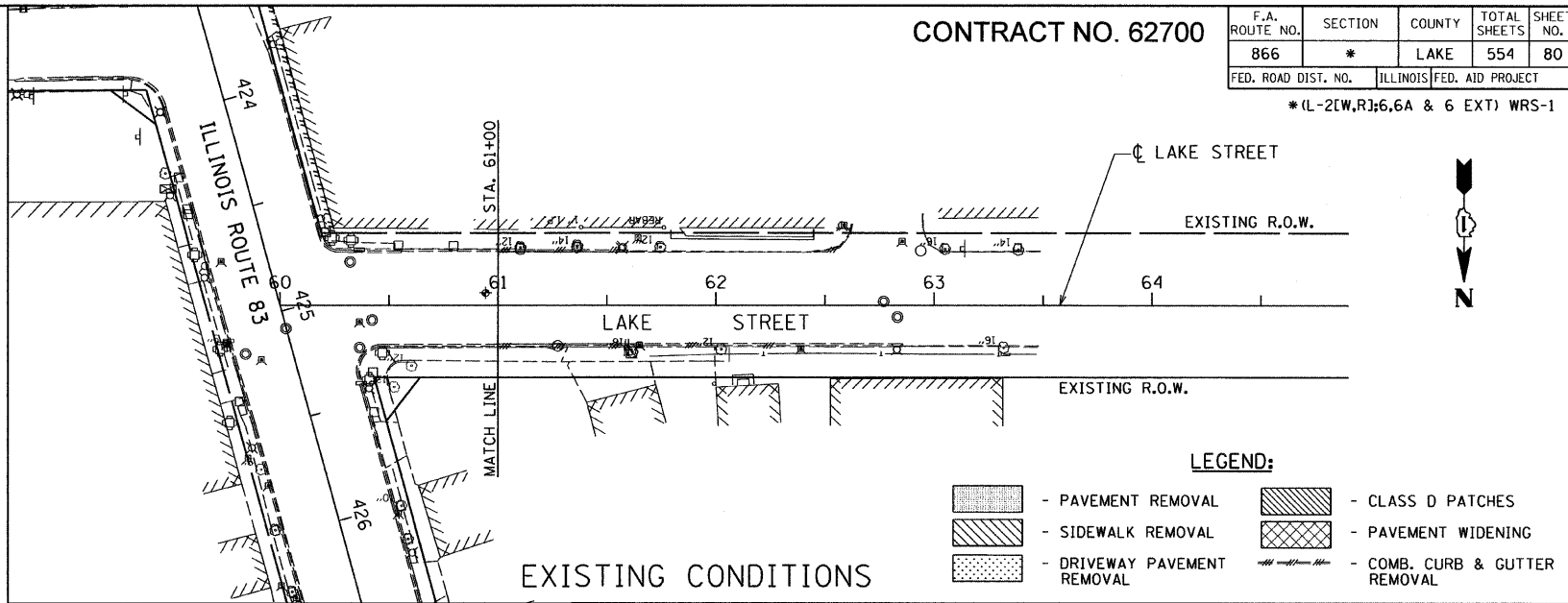
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	80
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(L-2[W,R];6,6A & 6 EXT) WRS-1



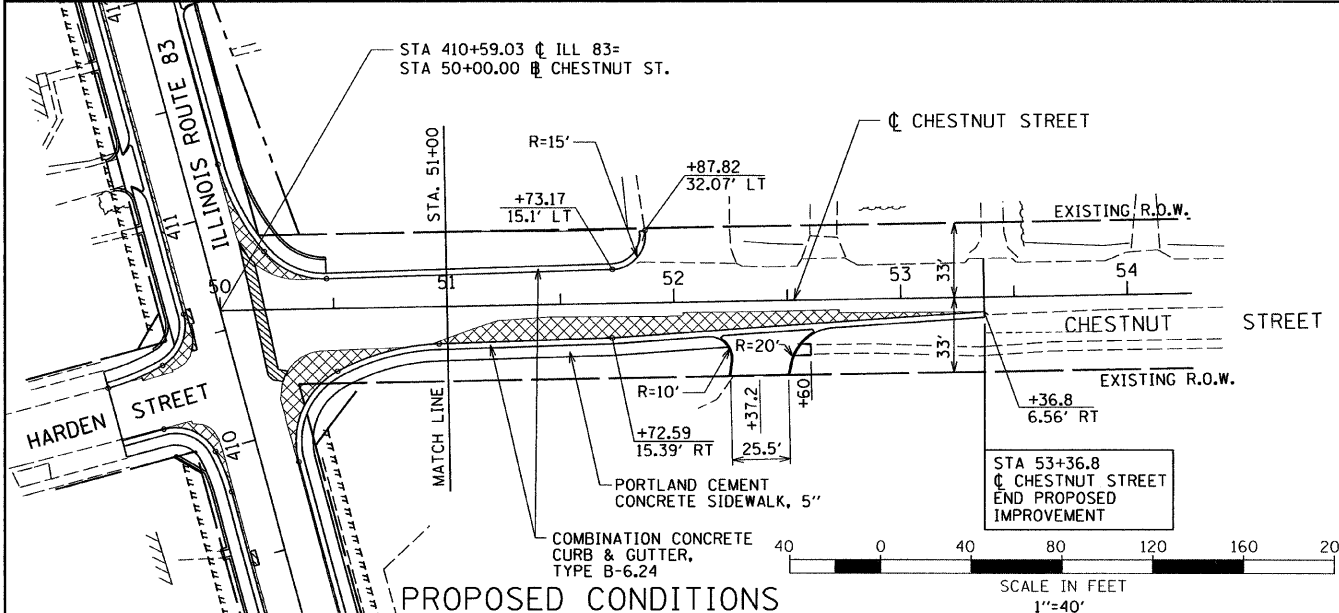
EXISTING CONDITIONS



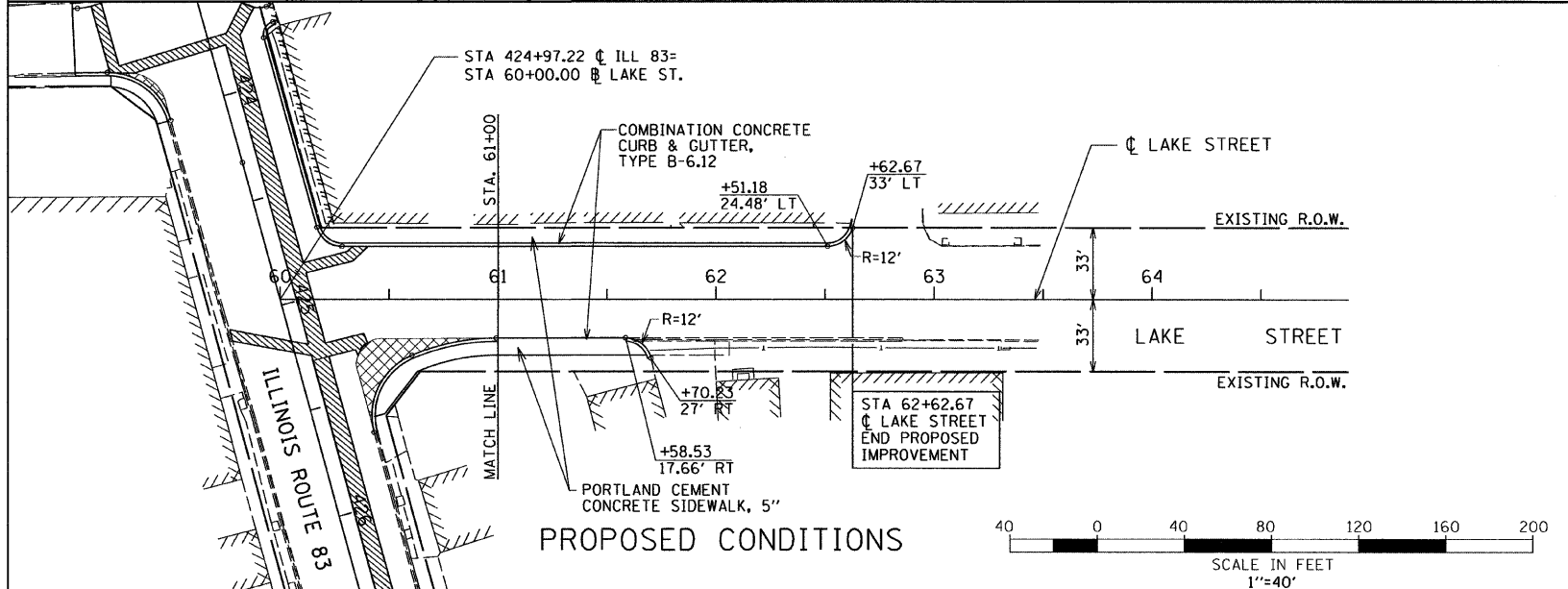
EXISTING CONDITIONS

LEGEND:

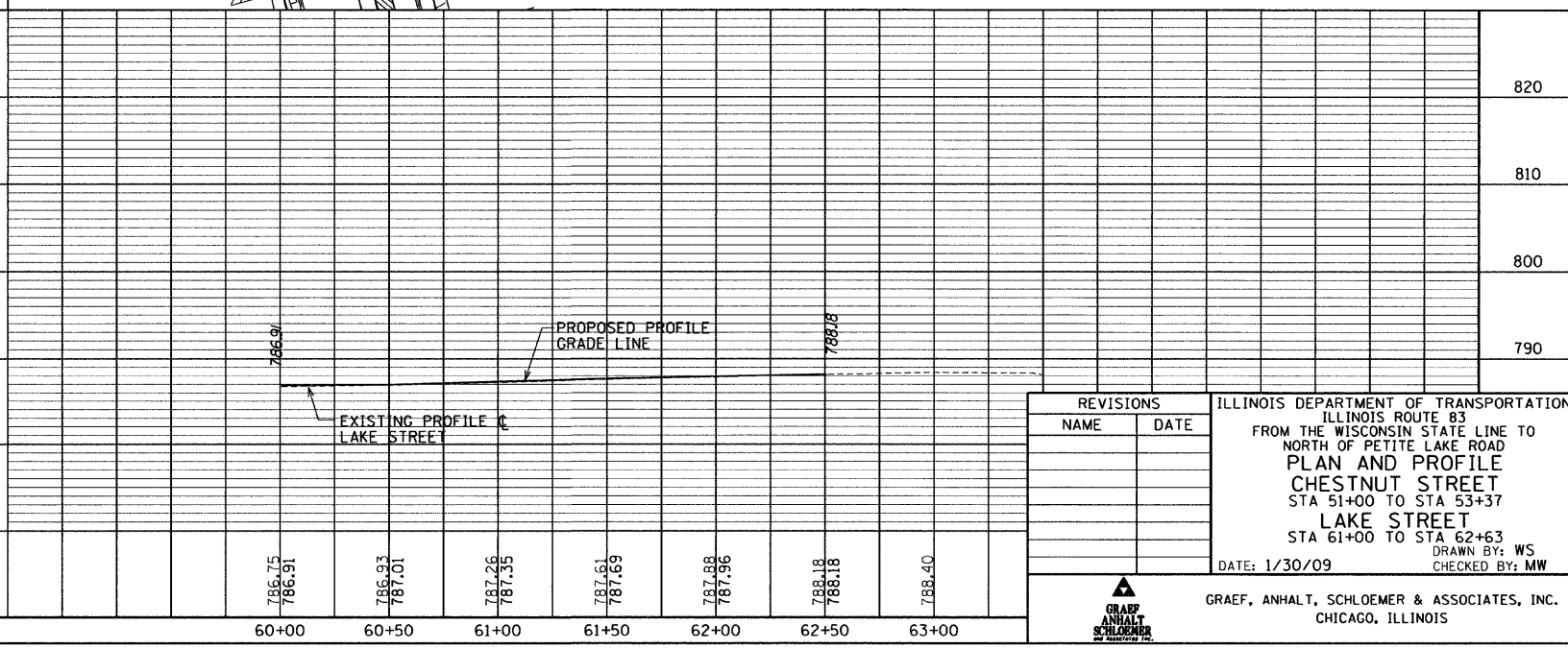
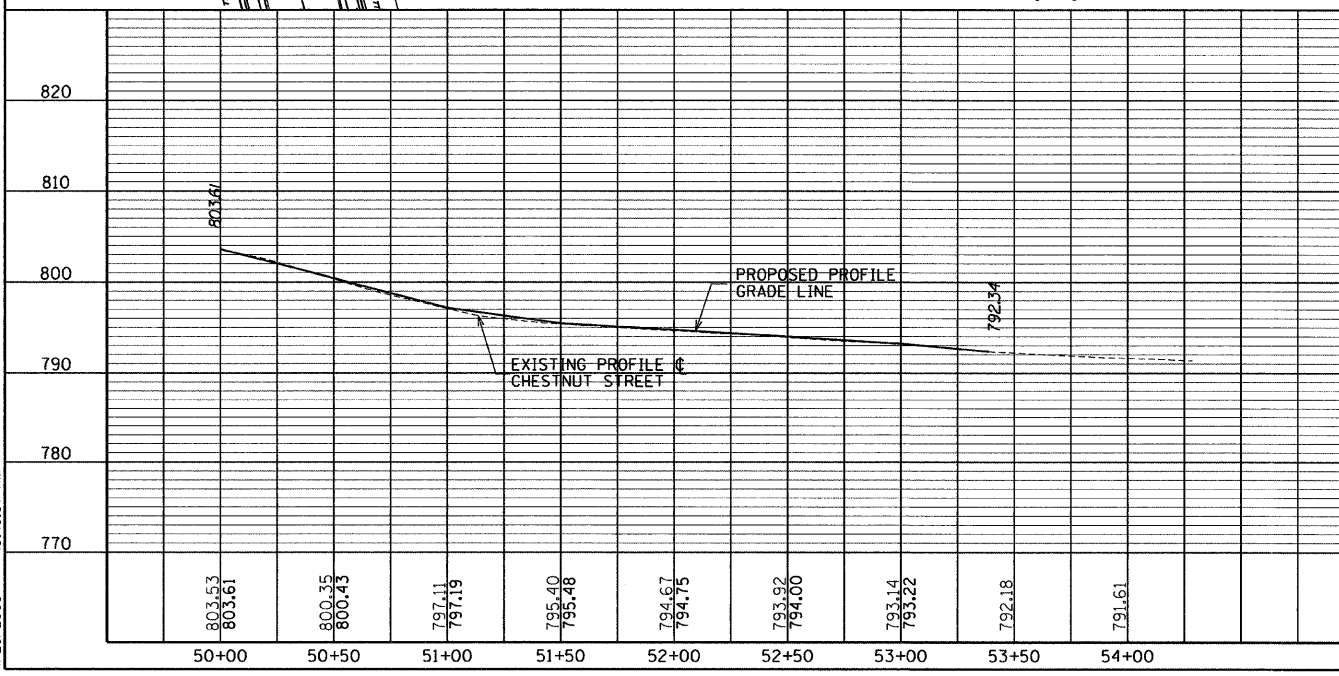
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	- SIDEWALK REMOVAL		- PAVEMENT WIDENING
	- DRIVEWAY PAVEMENT REMOVAL		- COMB. CURB & GUTTER REMOVAL



PROPOSED CONDITIONS



PROPOSED CONDITIONS



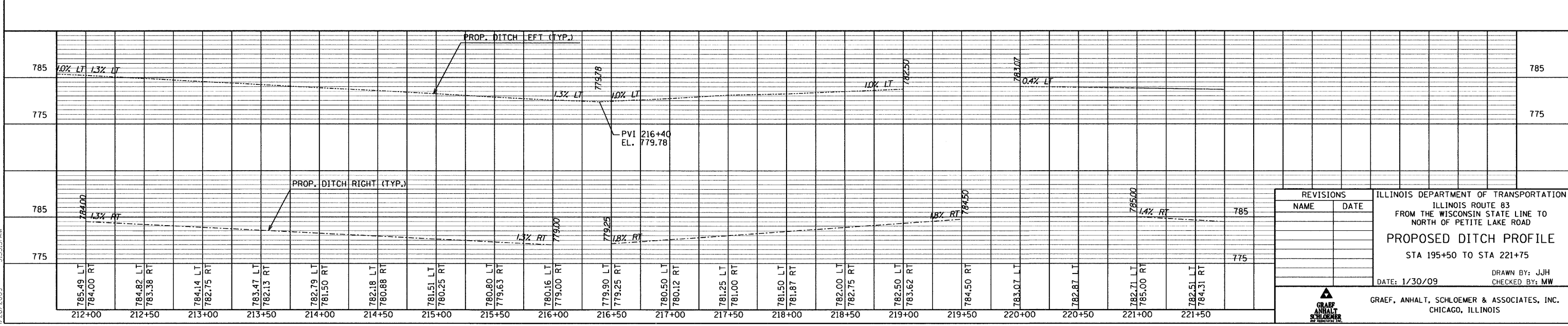
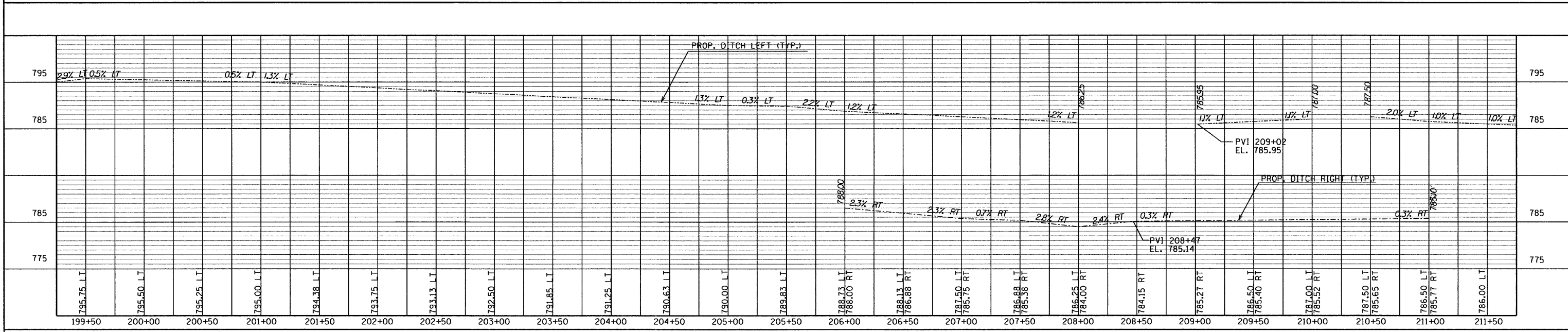
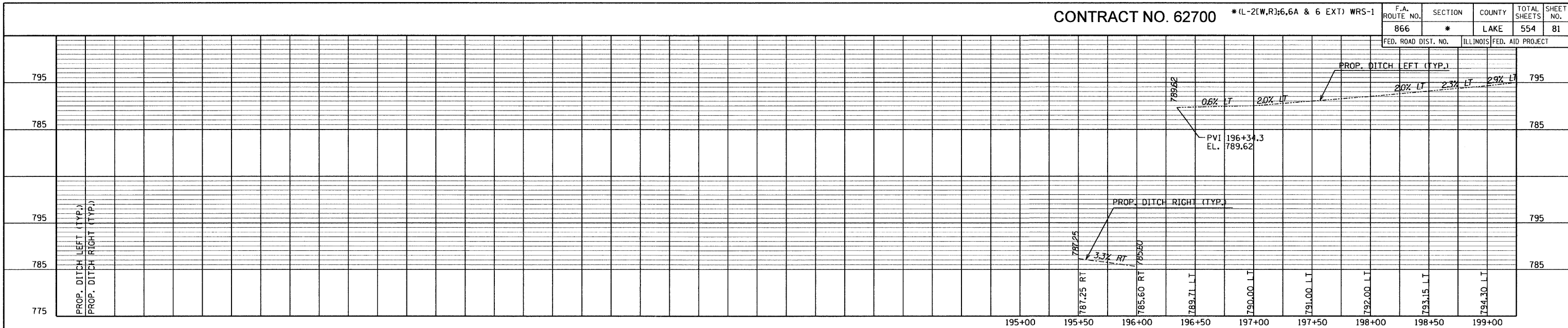
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 83
 FROM THE WISCONSIN STATE LINE TO
 NORTH OF PETITE LAKE ROAD
PLAN AND PROFILE
CHESTNUT STREET
 STA 51+00 TO STA 53+37
LAKE STREET
 STA 61+00 TO STA 62+63
 DATE: 1/30/09
 DRAWN BY: WS
 CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	81
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PROPOSED DITCH PROFILE
STA 195+50 TO STA 221+75
DATE: 1/30/09
DRAWN BY: JJH
CHECKED BY: MW

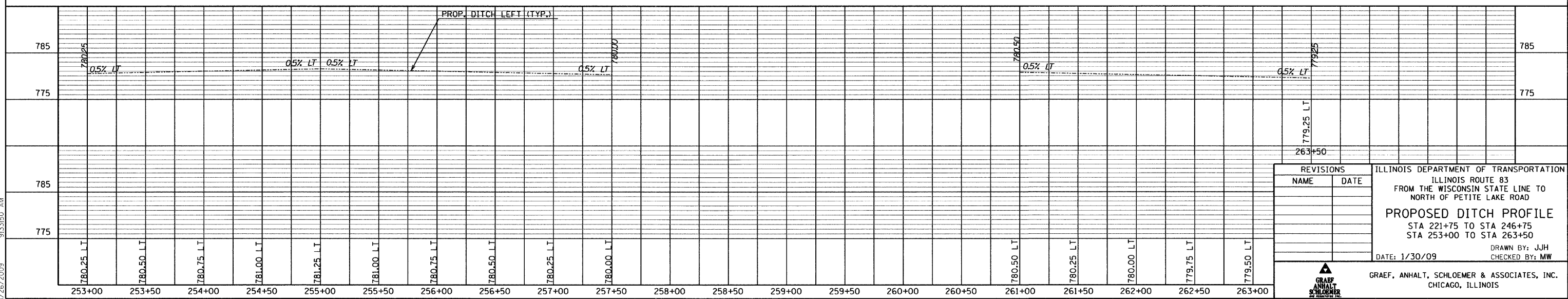
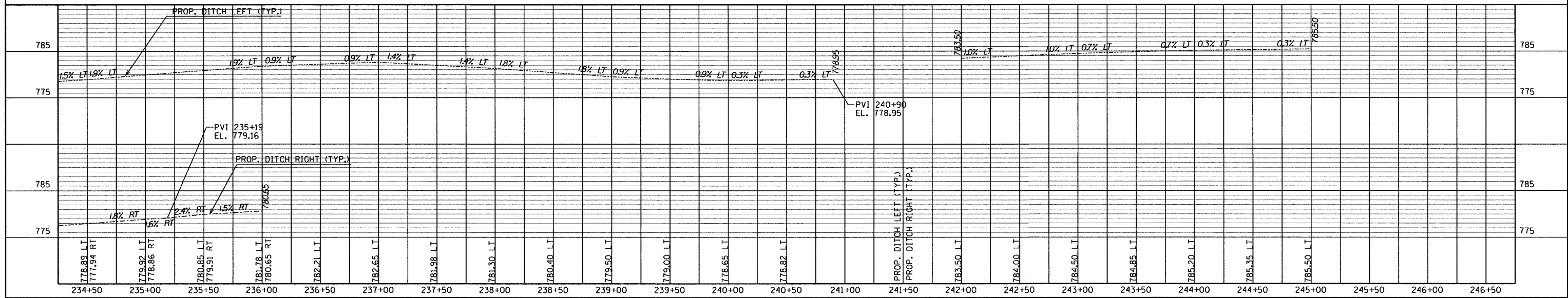
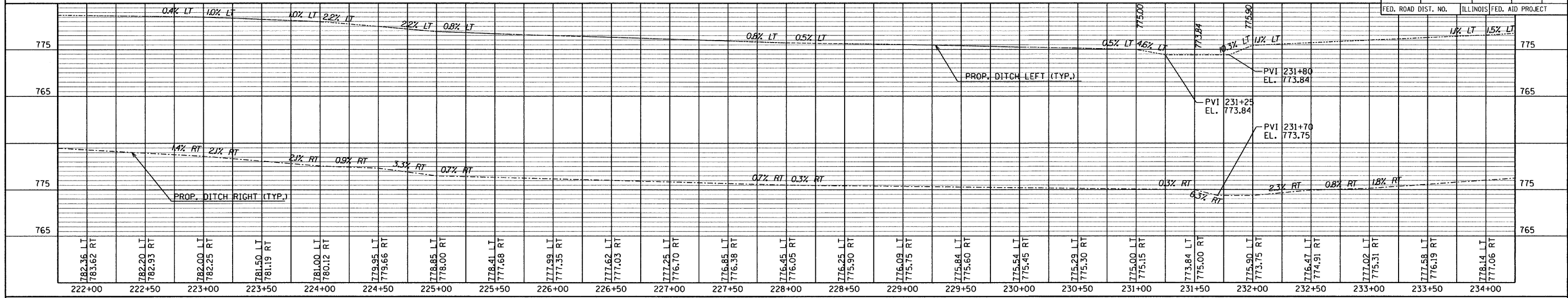
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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CONTRACT NO. 62700

* (L-2(W.R);6,6A & 6 EXT) WRS-1

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	82
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



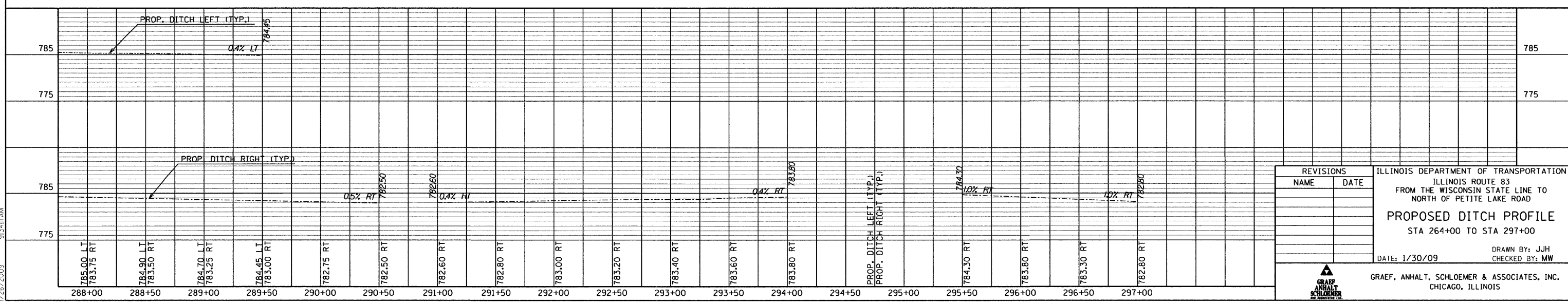
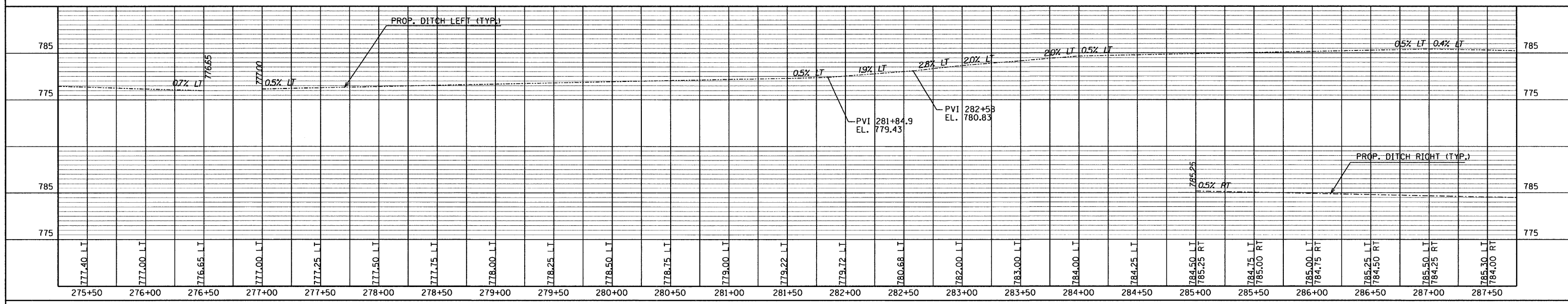
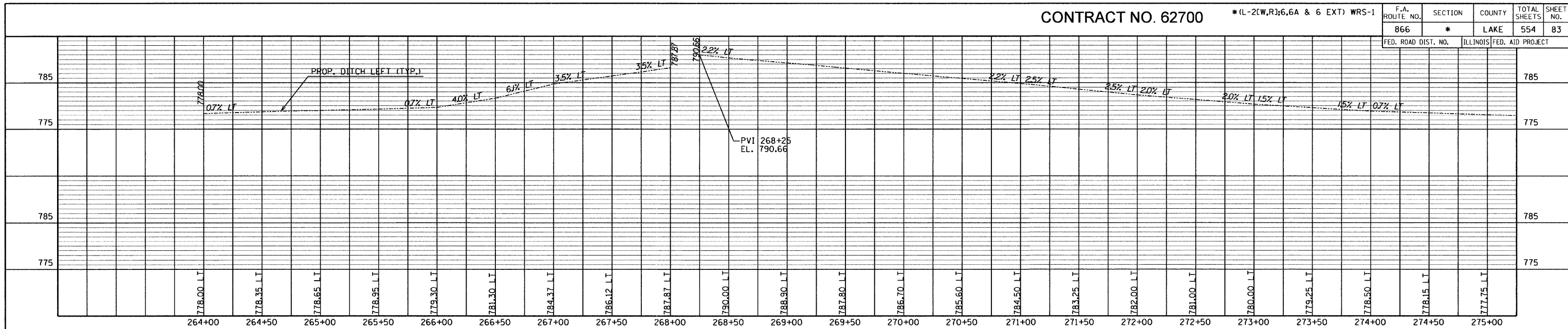
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PROPOSED DITCH PROFILE
STA 221+75 TO STA 246+75
STA 253+00 TO STA 263+50
DATE: 1/30/09
DRAWN BY: JJH
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	83
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD

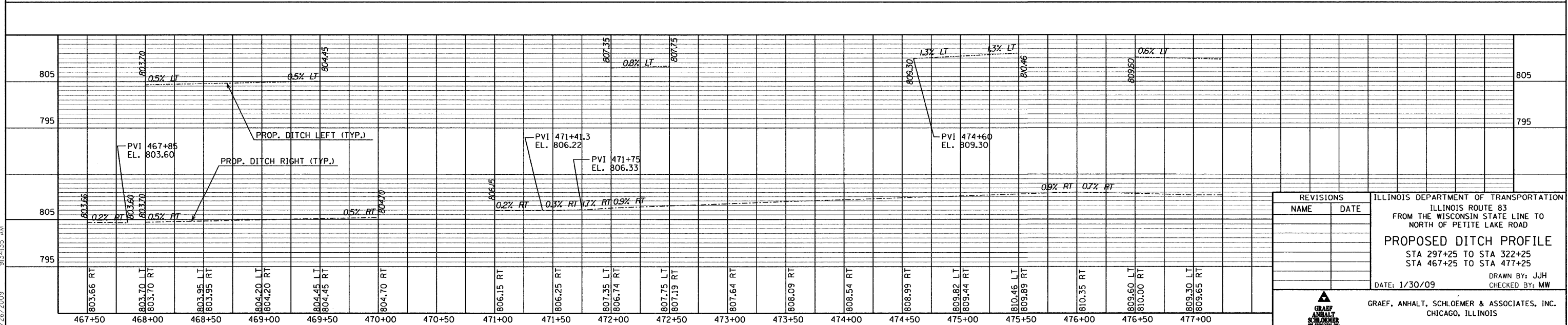
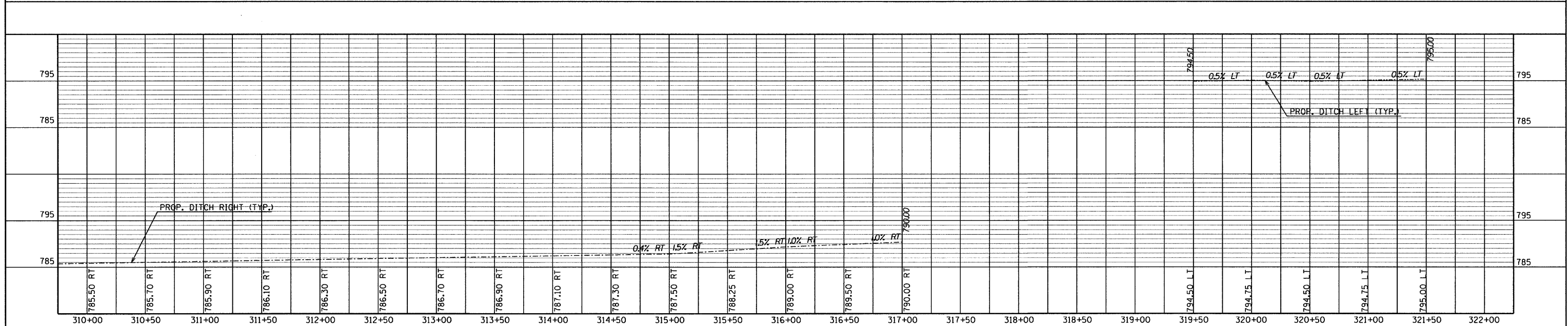
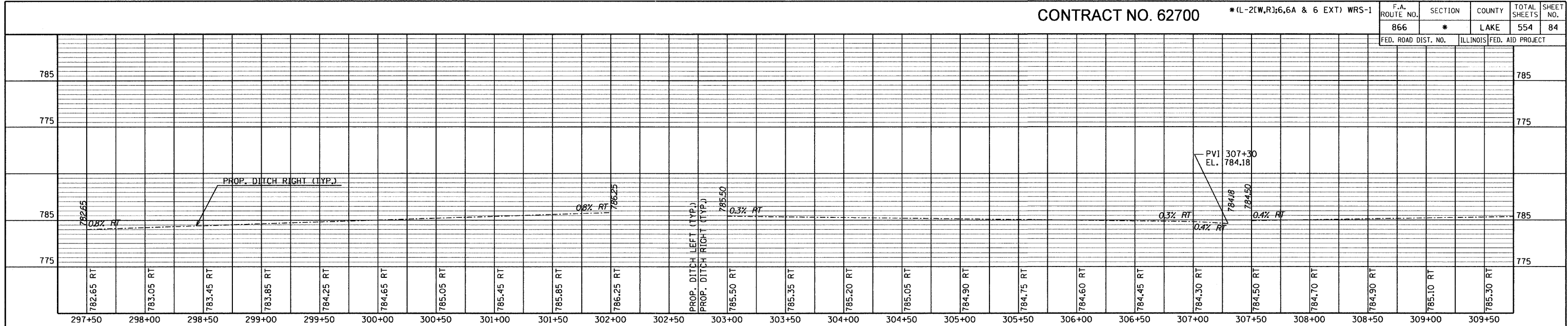
PROPOSED DITCH PROFILE
STA 264+00 TO STA 297+00

DATE: 1/30/09
DRAWN BY: JJH
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	84
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



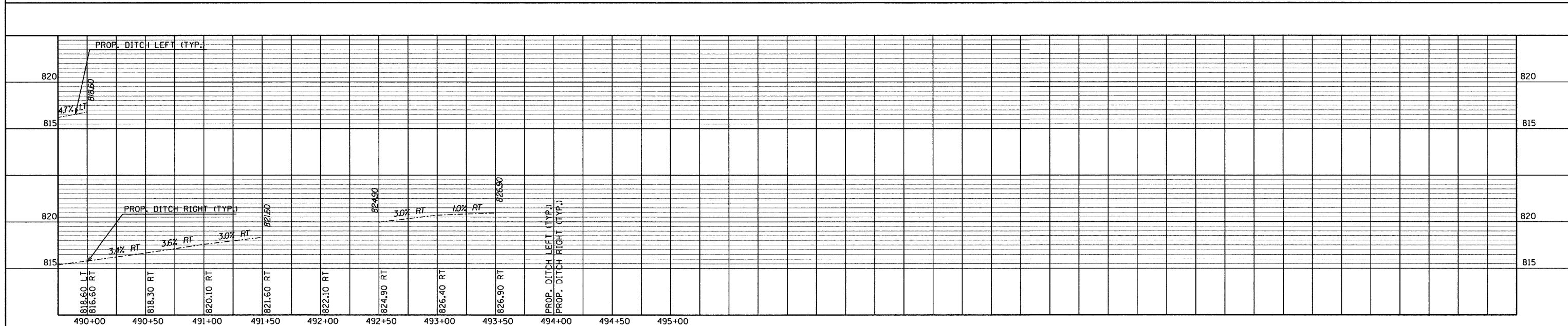
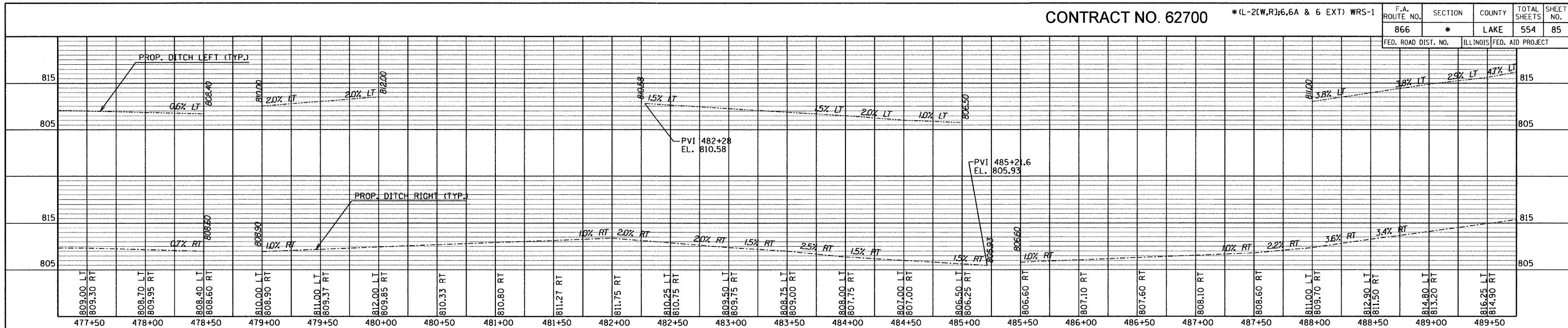
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PROPOSED DITCH PROFILE
STA 297+25 TO STA 322+25
STA 467+25 TO STA 477+25
DATE: 1/30/09
DRAWN BY: JJH
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	85
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

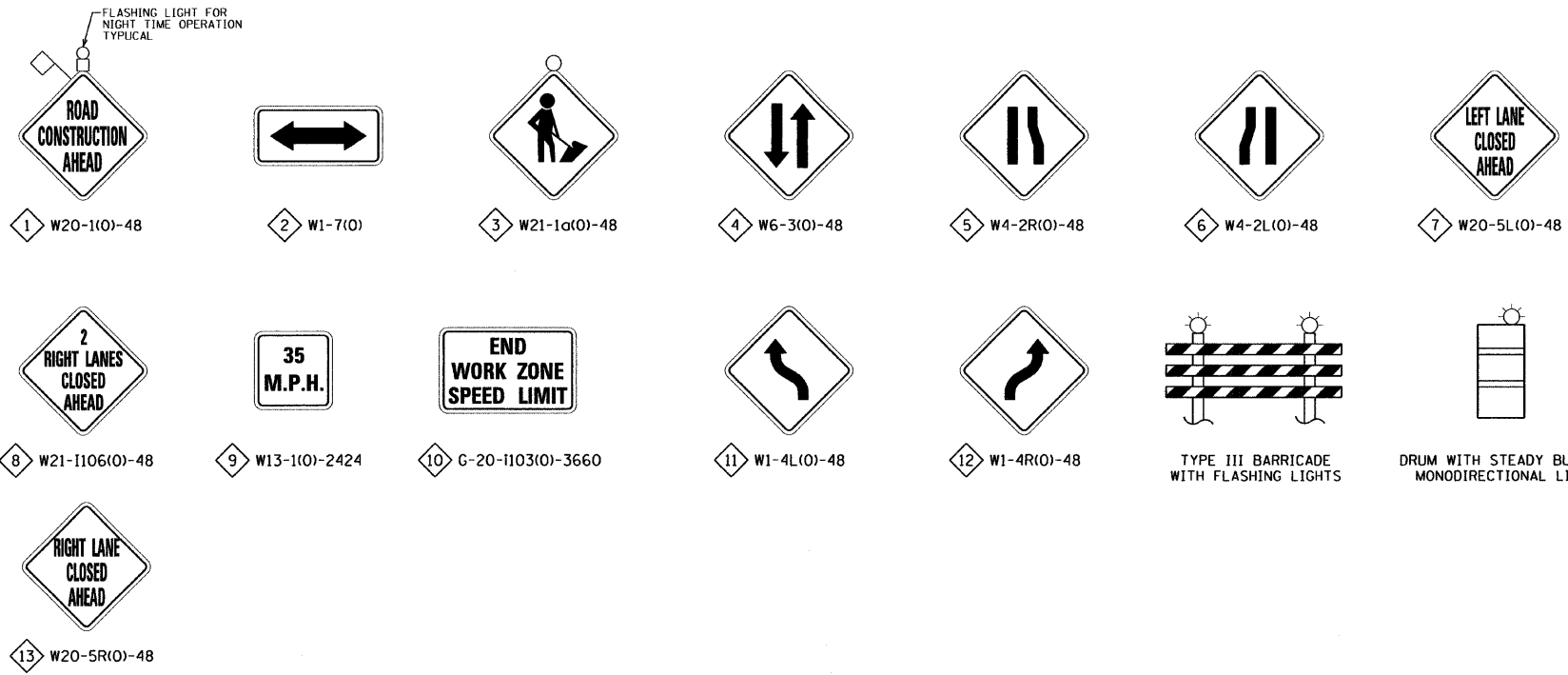
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD
PROPOSED DITCH PROFILE
STA. 477+25 TO STA. 493+50
DATE: 1/30/09
DRAWN BY: JJH
CHECKED BY: MW

GRAEF ANHALT SCHLOEMER
INC.
CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	86
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2[W,R];6,6A & 6 EXT) WRS-1



LEGEND

- TEMPORARY PAVEMENT
- WORK ZONE
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DIRECTION OF TRAFFIC

PAVEMENT MARKING AND PAVEMENT MARKERS

- 1 4 INCH DOUBLE YELLOW CENTERLINE
- 2 4 INCH WHITE EDGE LINE
- 3 4 INCH YELLOW EDGE LINE
- 4 24 INCH WHITE STOP BAR
- 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
- 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
- 7 WHITE LETTERS & SYMBOLS

NOTES

- 1. ALL WARNING SIGNS (W SERIES) SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND
- 2. THE FIRST TWO "WARNING SIGNS" AT THE BEGINNING OF EVERY CONSTRUCTION ZONE GET A MONODIRECTIONAL-FLASHING BEACON
- 3. REFER TO STANDARD 701006
- 4. REFER TO STANDARD 701201
- 5. REFER TO STANDARD 701306
- 6. REFER TO STANDARD 701326
- 7. REFER TO STANDARD 701501
- 8. REFER TO STANDARD 701901

ITEM NAME	UNITS	STA. 420+90 TO STA. 424+80	STA. 425+20 TO STA. 432+00	STA. 432+50 TO STA. 442+15	STA. 455+65 TO STA. 468+00	GRASS LAKE ROAD		GRASS LAKE ROAD			TOTALS
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STA. 11+65 TO STA. 19+74	STA. 20+26 TO STA. 26+36.5	STAGE I	STAGE II	STAGE III	
		TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	0	0	0	0	0	67	61	
TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	0	0	0	0	2421	2522	1138	1138	1072	8291
TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	0	0	0	0	10	20	11	11	52	104
PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	0	0	0	67	0	0	61	61	61	251
PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	971	1929	2728	2940	540	490	432	512	282	10824
PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	12	24	10	12	0	0	0	0	0	58
WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	348	691	909	1071	180	163	205	232	155	3954
TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	0	0	0	0	18	19	13	13	0	63
TEMPORARY PAVEMENT	SO YD	0	0	50	114	352	389	0	0	0	905

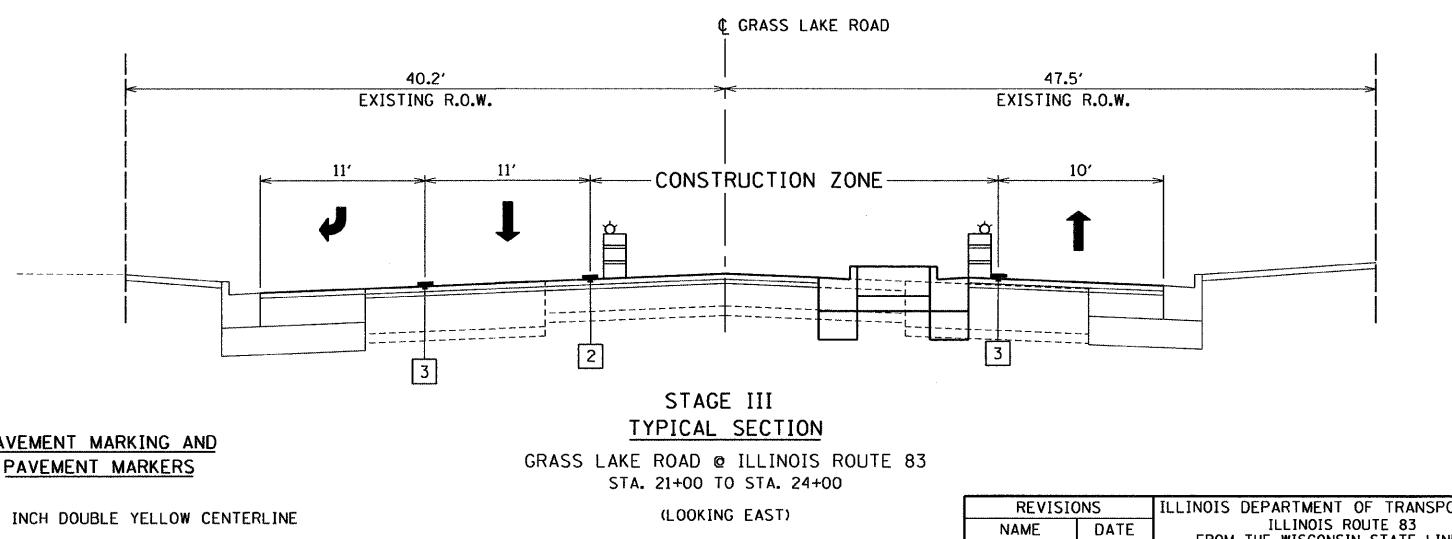
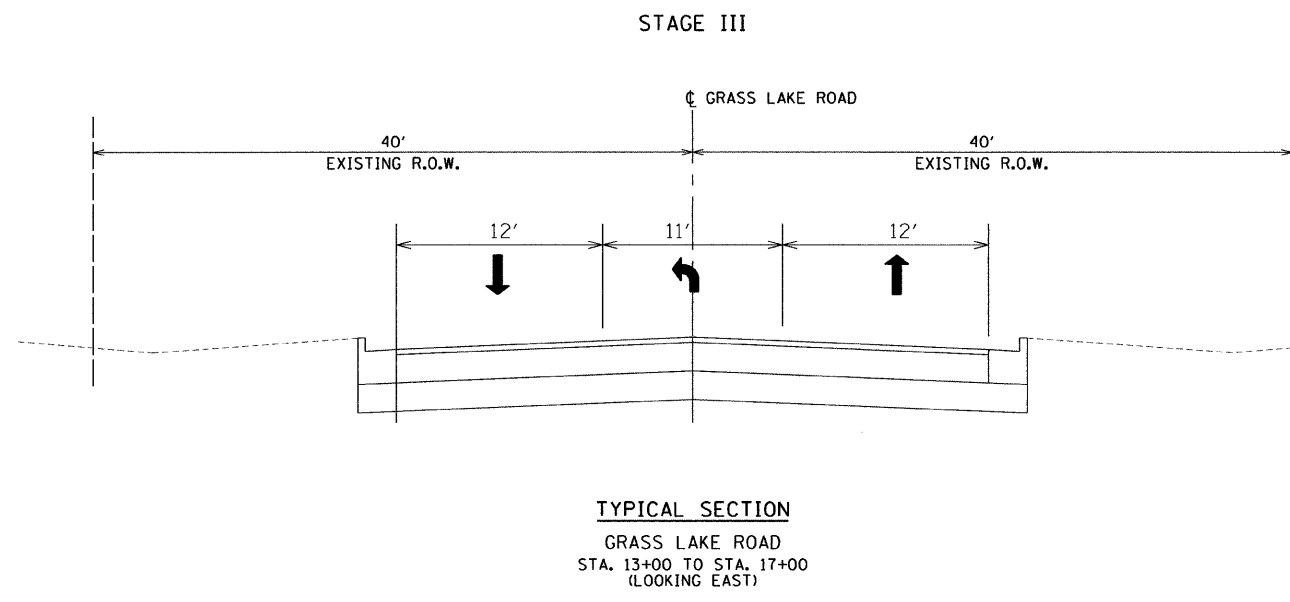
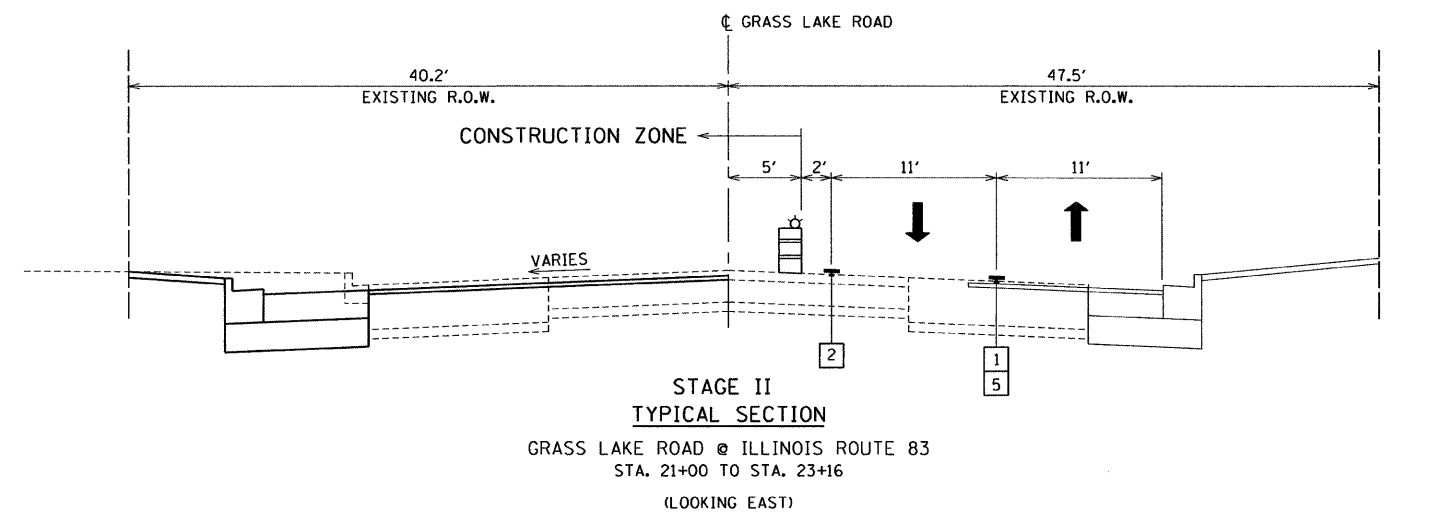
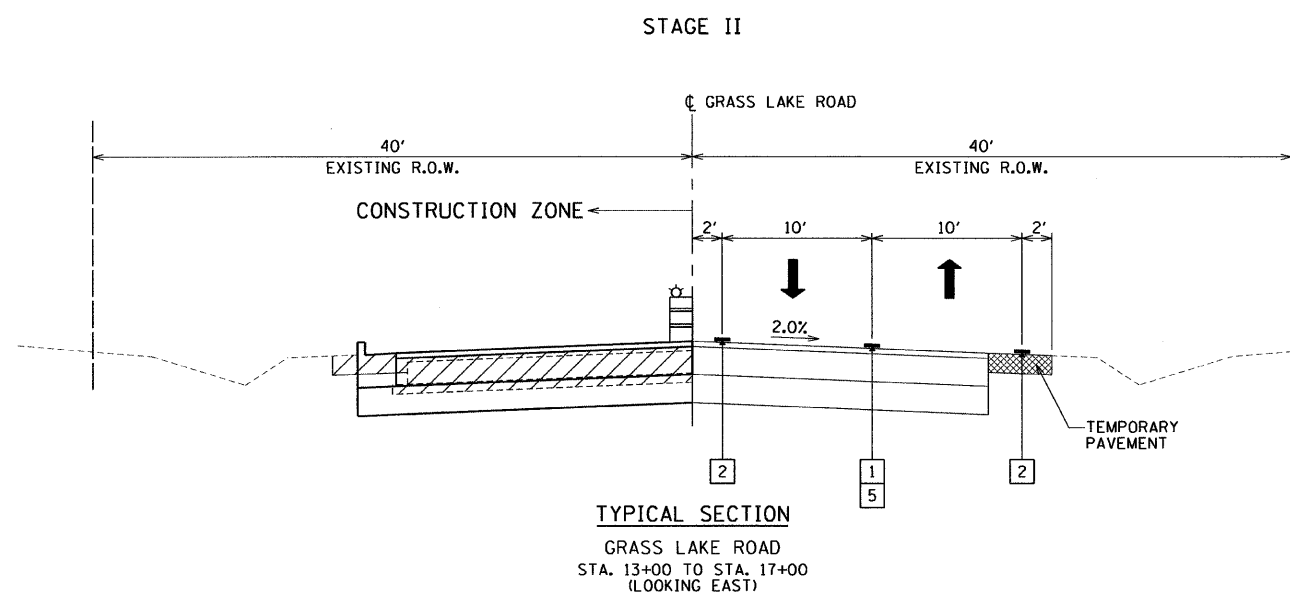
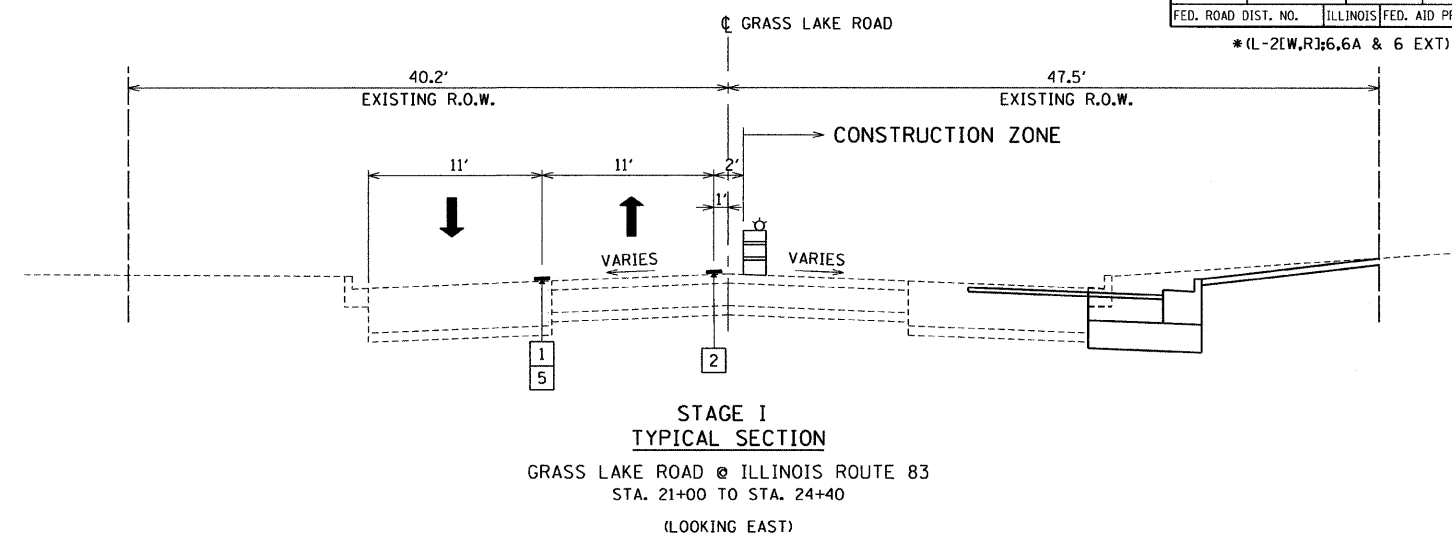
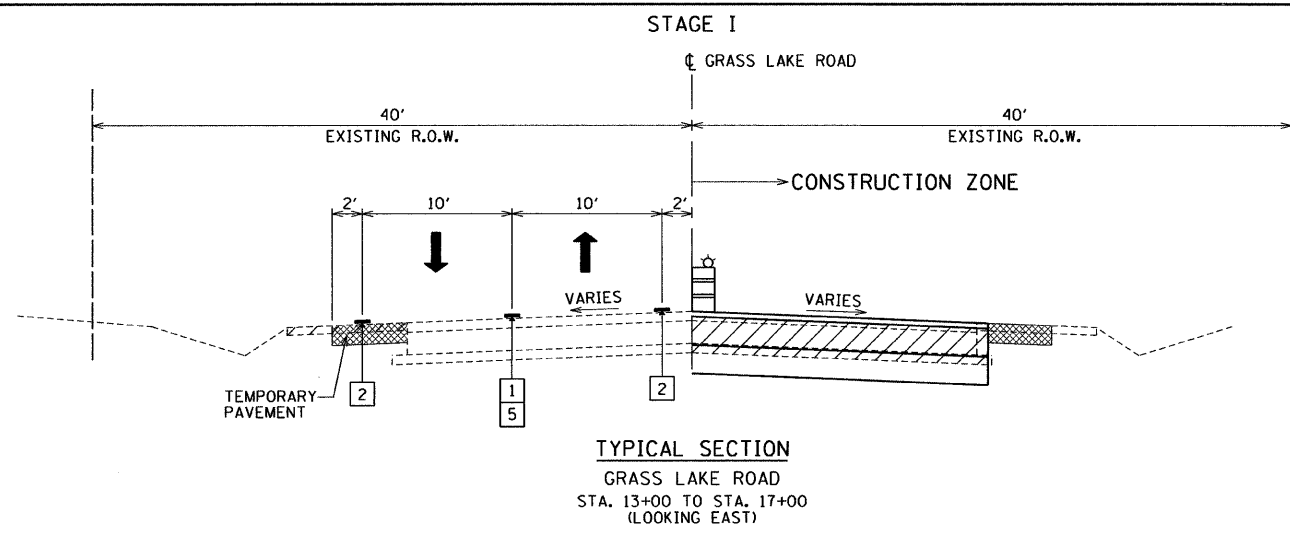
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TRAFFIC CONTROL CONSTRUCTION STAGING LEGENDS DATE: 1/30/09 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	87
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(L-2EW,R)6,6A & 6 EXT) WRS-1



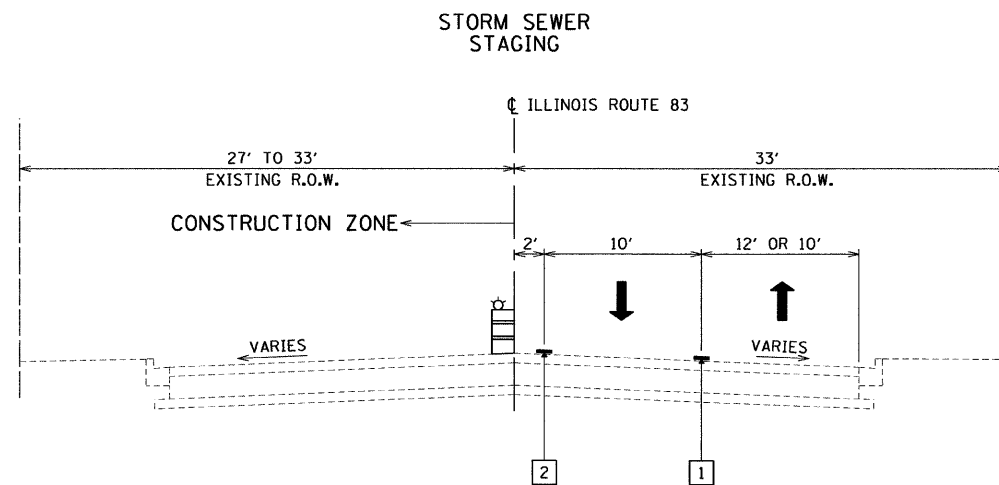
- PAVEMENT MARKING AND PAVEMENT MARKERS**
- 1 4 INCH DOUBLE YELLOW CENTERLINE
 - 2 4 INCH WHITE EDGE LINE
 - 3 4 INCH YELLOW EDGE LINE
 - 4 24 INCH WHITE STOP BAR
 - 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING TYPICAL SECTIONS GRASS LAKE ROAD DATE: 1/30/09 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	88
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(L-2[W,R]6,6A & 6 EXT) WRS-1



TYPICAL SECTION

ILLINOIS ROUTE 83
 STA. 424+00 TO STA. 437+44
 (LOOKING NORTH)

**PARK STREET TO NORTH OF DEPOT STREET
 (STORM SEWER CONSTRUCTION)**

1. REMOVE EXISTING PAVEMENT MARKINGS. POST TEMPORARY "NO PARKING" SIGNS.
2. PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY BARRICADES. SHIFT TRAFFIC TO EAST SIDE OF STREET.
3. REMOVE EXISTING PAVEMENT REQUIRED FOR STORM SEWER CONSTRUCTION.
4. CONSTRUCT STORM SEWER.
5. PATCH PAVEMENT.
6. RESTORE PAVEMENT MARKINGS AND REOPEN STREET TO TRAFFIC.

**FIRST STREET TO NORTH AVENUE
 (STORM SEWER CONSTRUCTION)**

1. REMOVE CONFLICTING CURB AND GUTTER AND CONSTRUCT TEMPORARY PAVEMENT. REMOVE CONFLICTING PAVEMENT MARKINGS.
2. PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY BARRICADES. SHIFT TRAFFIC TO EAST SIDE OF STREET.
3. REMOVE EXISTING PAVEMENT REQUIRED FOR STORM SEWER CONSTRUCTION.
4. CONSTRUCT STORM SEWER.
5. PATCH PAVEMENT.
6. RESTORE PAVEMENT MARKINGS AND REOPEN STREET TO TRAFFIC.

GRASS LAKE ROAD

STAGE I

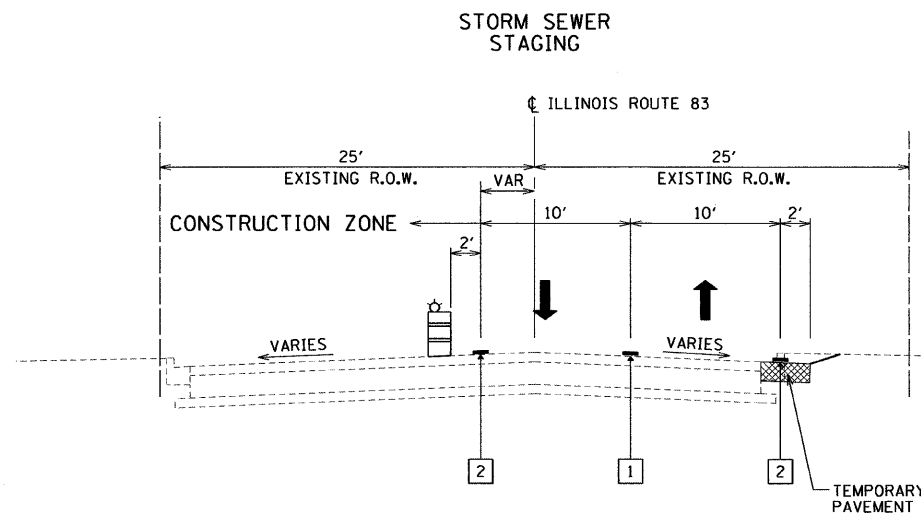
1. CONSTRUCT TEMPORARY PAVEMENT ON THE NORTH SIDE OF GRASS LAKE ROAD.
2. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS. COORDINATE WORK WITH THE RAILROAD AT ITS CROSSING. SHIFT TRAFFIC TO STAGE I CONFIGURATION.
3. CONSTRUCT IMPROVEMENTS ON THE SOUTH SIDE OF GRASS LAKE ROAD THROUGH PLACEMENT OF LEVELING BINDER OR BINDER COURSE. COORDINATE WITH THE RAILROAD FOR WORK ON THE EXISTING AND NEW CROSSINGS. DO NOT CONSTRUCT CURB AND GUTTER THROUGH STATION 17+00. DO NOT CONSTRUCT NEW MEDIAN EAST OF IL RTE. 83.
4. CONSTRUCT TEMPORARY PAVEMENTS THROUGH STATION 17+00.
5. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE STAGE II PAVEMENT MARKINGS.

STAGE II

1. SHIFT TRAFFIC TO STAGE II CONFIGURATION. COORDINATE WORK WITH THE RAILROAD AT ITS CROSSING.
2. CONSTRUCT IMPROVEMENTS ON THE NORTH SIDE OF GRASS LAKE ROAD THROUGH PLACEMENT OF LEVELING BINDER OR BINDER COURSE. COORDINATE WITH THE RAILROAD FOR WORK ON THE EXISTING AND NEW CROSSINGS.
3. UPON COMPLETION OF PAVEMENT WEST OF IL RTE. 83, REMOVE TEMPORARY PAVEMENT AND CONSTRUCT CURB AND GUTTER THROUGH STATION 17+00. PLACE HOT-MIX ASPHALT SURFACE COURSE WEST OF IL RTE. 83.
4. PLACE FINAL PAVEMENT MARKINGS WEST OF IL RTE. 83.

STAGE III

1. REMOVE CONFLICTING PAVEMENT MARKINGS, PLACE STAGE III TEMPORARY PAVEMENT MARKING AND SHIFT TRAFFIC TO STAGE III CONFIGURATION. COORDINATE WORK WITH THE RAILROAD AT ITS CROSSING.
2. CONSTRUCT MEDIANS EAST OF IL RTE. 83.
3. PLACE HOT-MIX ASPHALT SURFACE COURSE EAST OF IL RTE. 83.
4. PLACE FINAL PAVEMENT MARKINGS.



TYPICAL SECTION

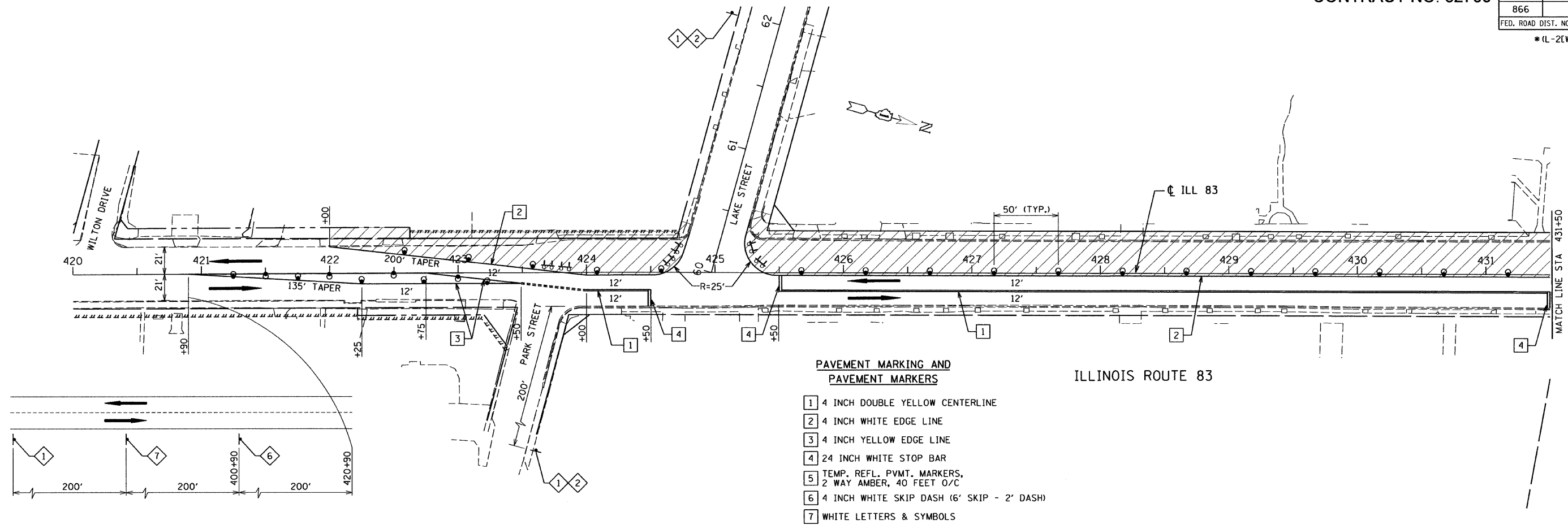
ILLINOIS ROUTE 83
 STA. 437+44 TO STA. 441+35
 STA. 457+57 TO STA. 462+00
 (LOOKING NORTH)

**PAVEMENT MARKING AND
 PAVEMENT MARKERS**

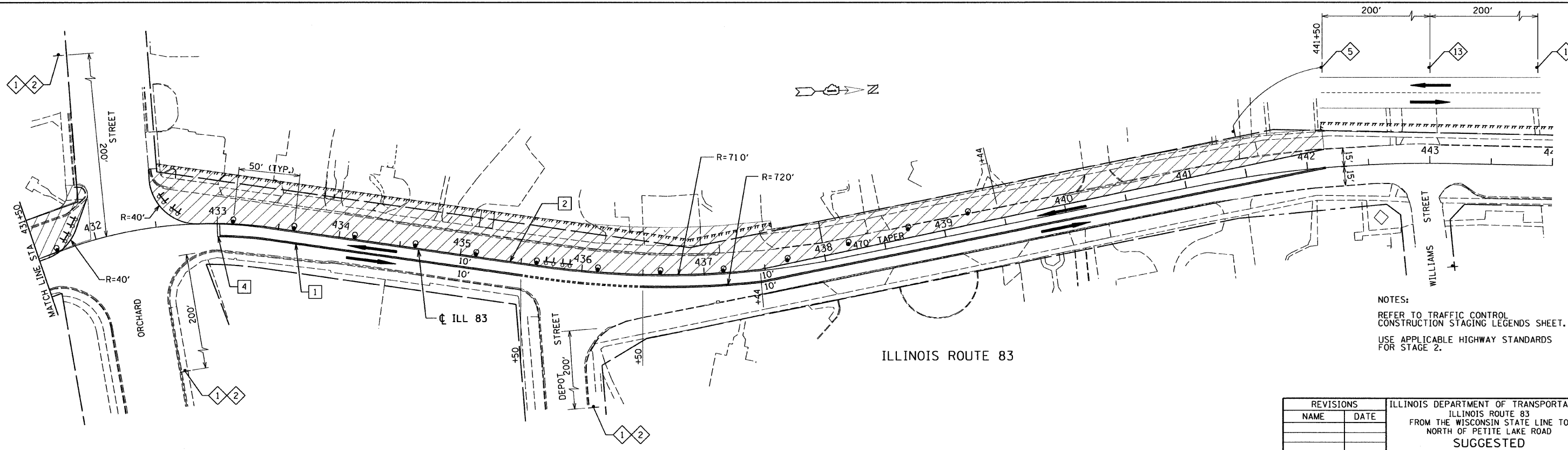
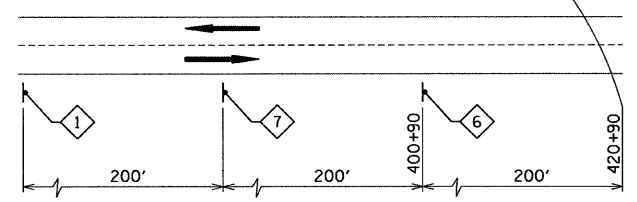
- 1 4 INCH DOUBLE YELLOW CENTERLINE
- 2 4 INCH WHITE EDGE LINE
- 3 4 INCH YELLOW EDGE LINE
- 4 24 INCH WHITE STOP BAR
- 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING TYPICAL SECTIONS DRAWN BY: EUB CHECKED BY: MW DATE: 1/30/09
NAME	DATE	
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

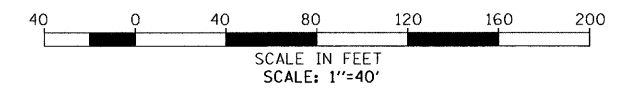
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	89
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



- PAVEMENT MARKING AND PAVEMENT MARKERS**
- 1 4 INCH DOUBLE YELLOW CENTERLINE
 - 2 4 INCH WHITE EDGE LINE
 - 3 4 INCH YELLOW EDGE LINE
 - 4 24 INCH WHITE STOP BAR
 - 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
 - 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
 - 7 WHITE LETTERS & SYMBOLS

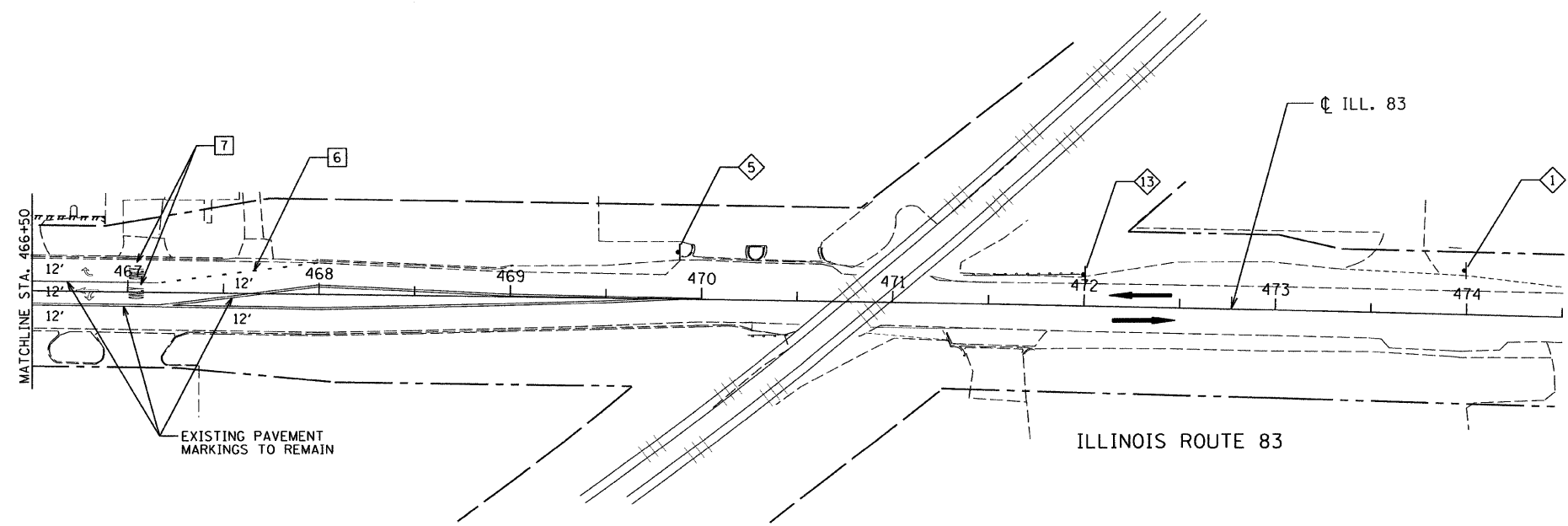
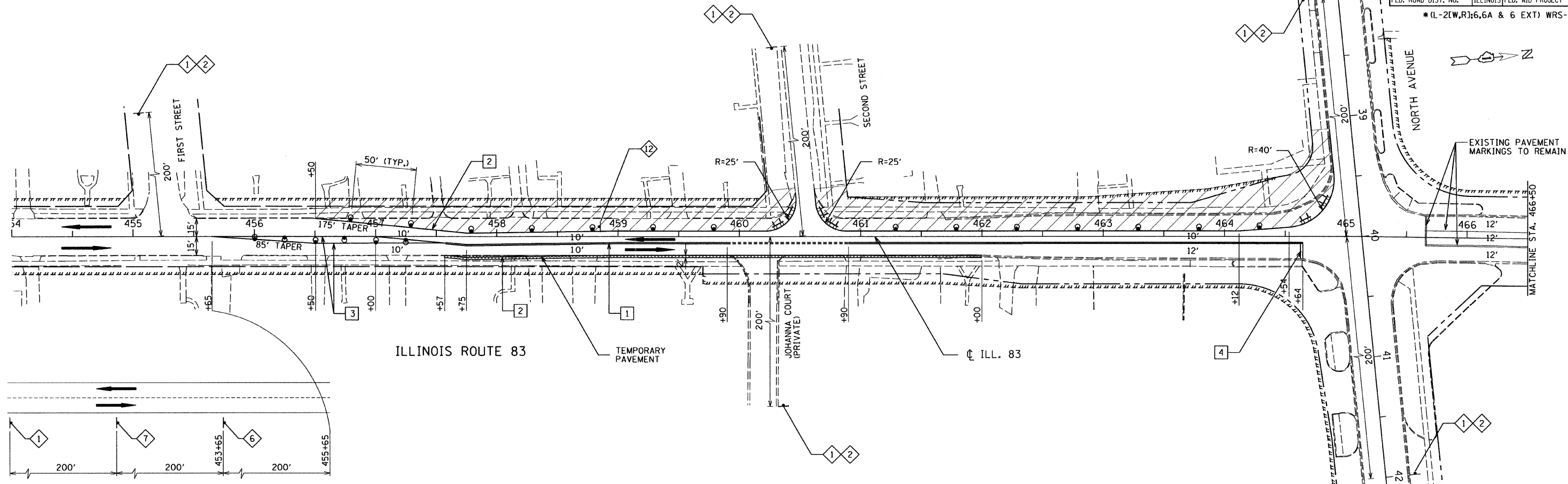


NOTES:
 REFER TO TRAFFIC CONTROL CONSTRUCTION STAGING LEGENDS SHEET.
 USE APPLICABLE HIGHWAY STANDARDS FOR STAGE 2.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING STORM SEWER CONSTRUCTION STA 420+00 TO STA 441+50 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: EUB CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	90
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(LW,R);6,6A & 6 EXT) WRS-1				

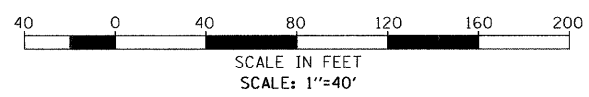


PAVEMENT MARKING AND PAVEMENT MARKERS

- 1 4 INCH DOUBLE YELLOW CENTERLINE
- 2 4 INCH WHITE EDGE LINE
- 3 4 INCH YELLOW EDGE LINE
- 4 24 INCH WHITE STOP BAR
- 5 TEMP. REFL. PYMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
- 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
- 7 WHITE LETTERS & SYMBOLS

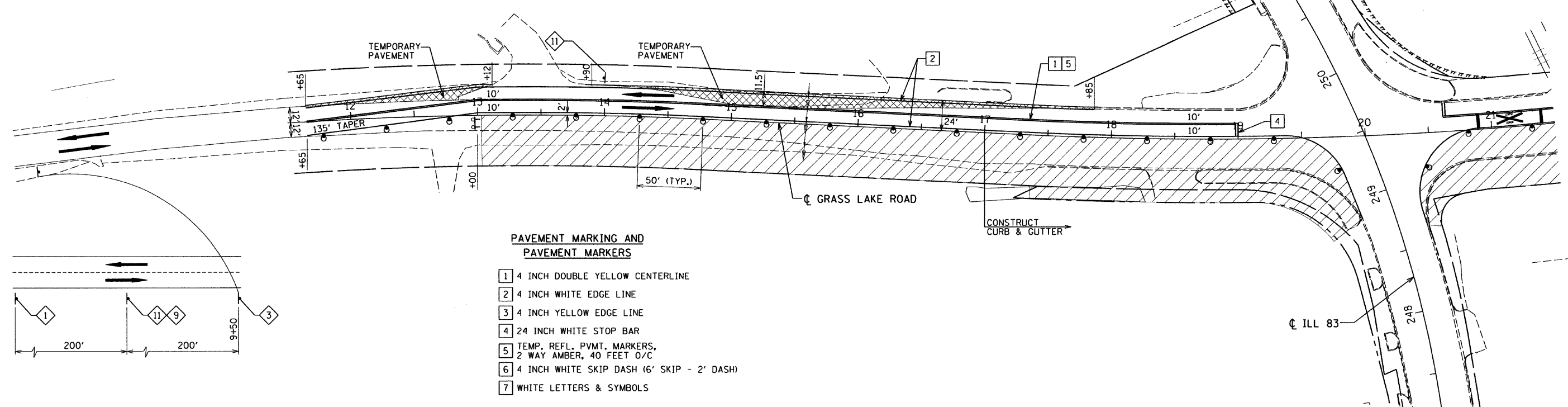
NOTES:
 REFER TO TRAFFIC CONTROL CONSTRUCTION STAGING LEGENDS SHEET.
 USE APPLICABLE HIGHWAY STANDARDS FOR STAGE 2.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING STORM SEWER CONSTRUCTION STA 454+00 TO 474+50 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: TM CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

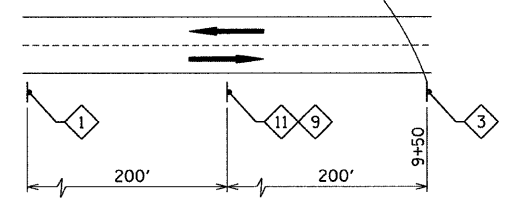


F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	91
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(LW,R);6,6A & 6 EXT) WRS-1				

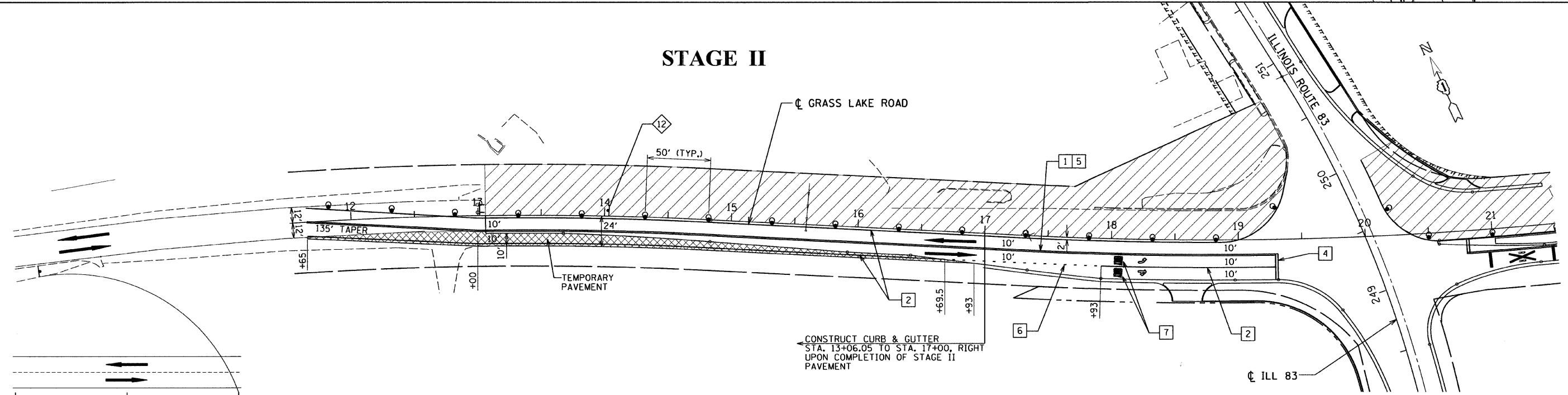
STAGE I



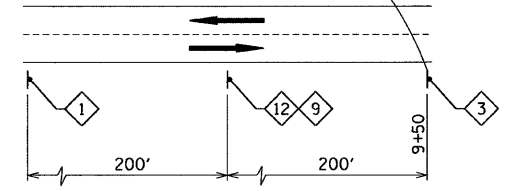
- PAVEMENT MARKING AND PAVEMENT MARKERS**
- 1 4 INCH DOUBLE YELLOW CENTERLINE
 - 2 4 INCH WHITE EDGE LINE
 - 3 4 INCH YELLOW EDGE LINE
 - 4 24 INCH WHITE STOP BAR
 - 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
 - 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
 - 7 WHITE LETTERS & SYMBOLS



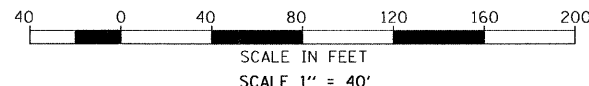
STAGE II



CONSTRUCT CURB & GUTTER
STA. 13+06.05 TO STA. 17+00, RIGHT
UPON COMPLETION OF STAGE II
PAVEMENT



NOTE:
REFER TO TRAFFIC CONTROL
CONSTRUCTION STAGING LEGENDS SHEET



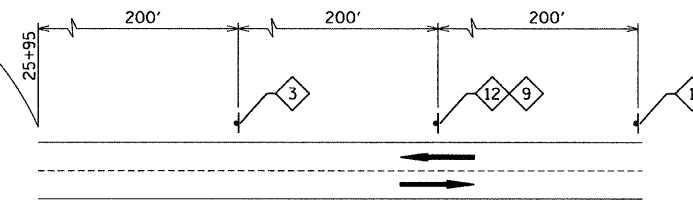
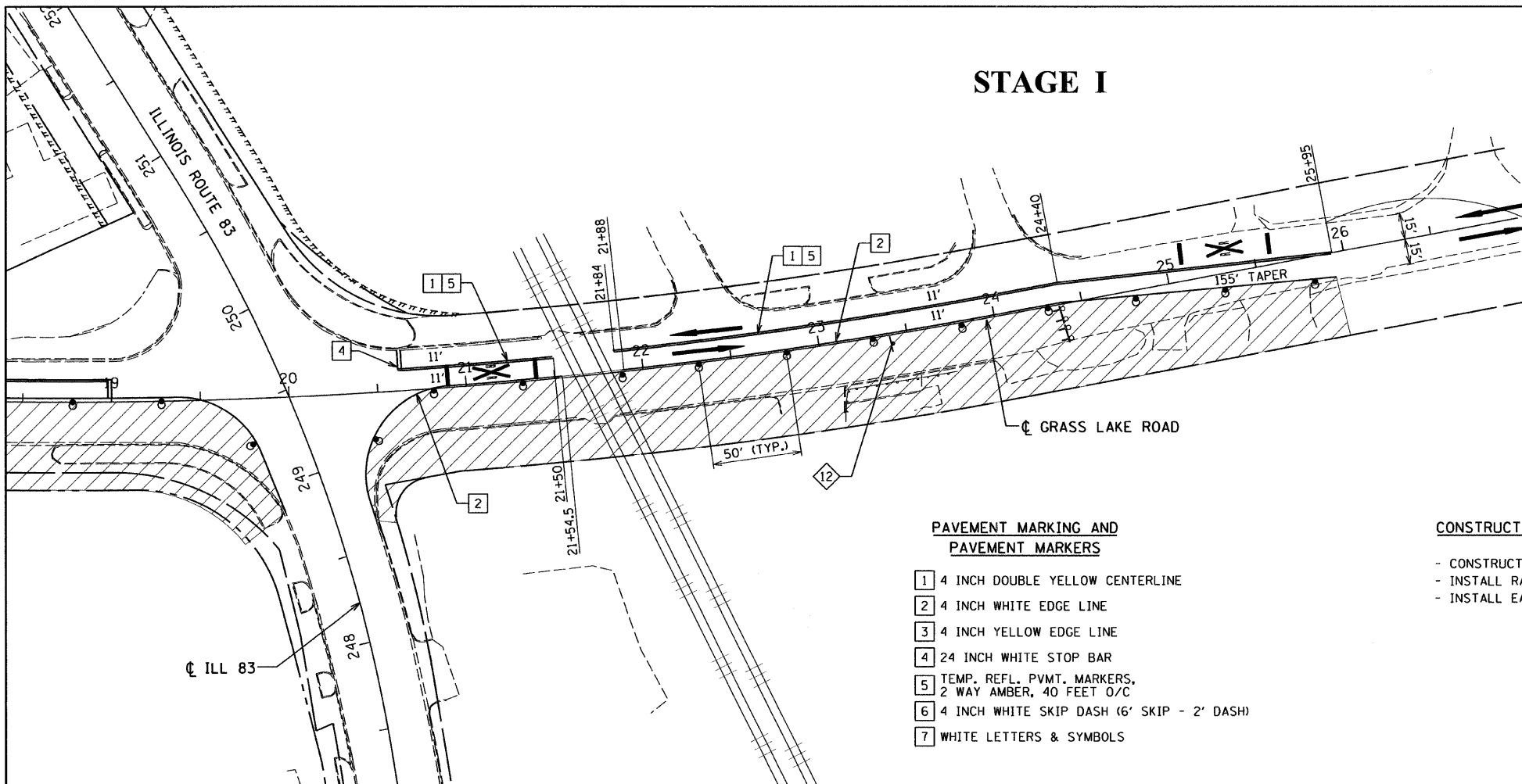
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING GRASS LAKE ROAD WEST OF ILLINOIS ROUTE 83 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	

DATE: 1/30/09

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	92
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				

STAGE I



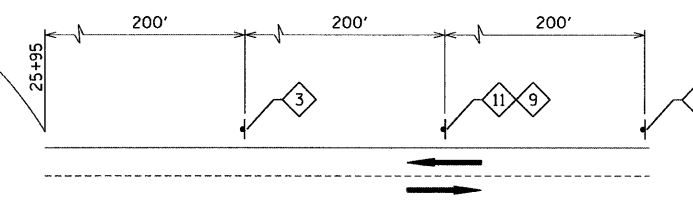
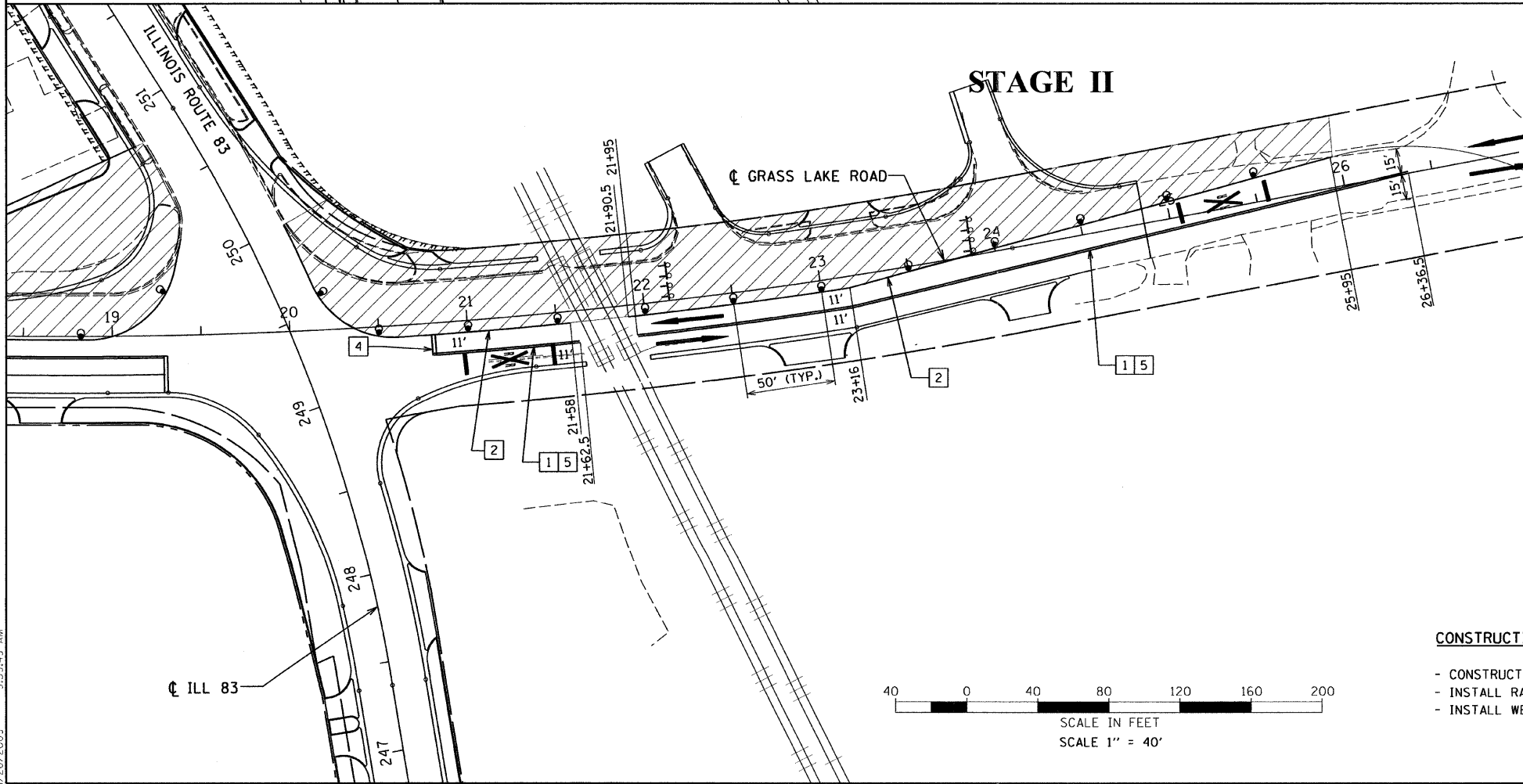
PAVEMENT MARKING AND PAVEMENT MARKERS

- 1 4 INCH DOUBLE YELLOW CENTERLINE
- 2 4 INCH WHITE EDGE LINE
- 3 4 INCH YELLOW EDGE LINE
- 4 24 INCH WHITE STOP BAR
- 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
- 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
- 7 WHITE LETTERS & SYMBOLS

CONSTRUCTION NOTES

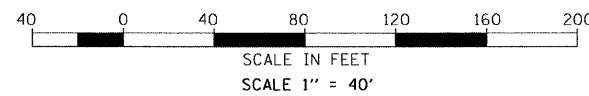
- CONSTRUCT EASTBOUND PAVEMENT WIDENING AND CURB & GUTTER
- INSTALL RAILROAD TRACKS TO \pm (BY OTHERS)
- INSTALL EASTBOUND SIGNAL & GATE (BY OTHERS)

STAGE II



CONSTRUCTION NOTES

- CONSTRUCT WESTBOUND PAVEMENT WIDENING AND CURB & GUTTER
- INSTALL RAILROAD TRACKS TO \pm (BY OTHERS)
- INSTALL WESTBOUND SIGNAL & GATE (BY OTHERS)



NOTE:
REFER TO TRAFFIC CONTROL
CONSTRUCTION STAGING LEGENDS SHEET

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING GRASS LAKE ROAD EAST OF ILLINOIS ROUTE 83 DRAWN BY: WPD CHECKED BY: MW
NAME	DATE	

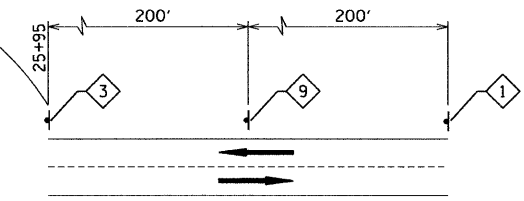
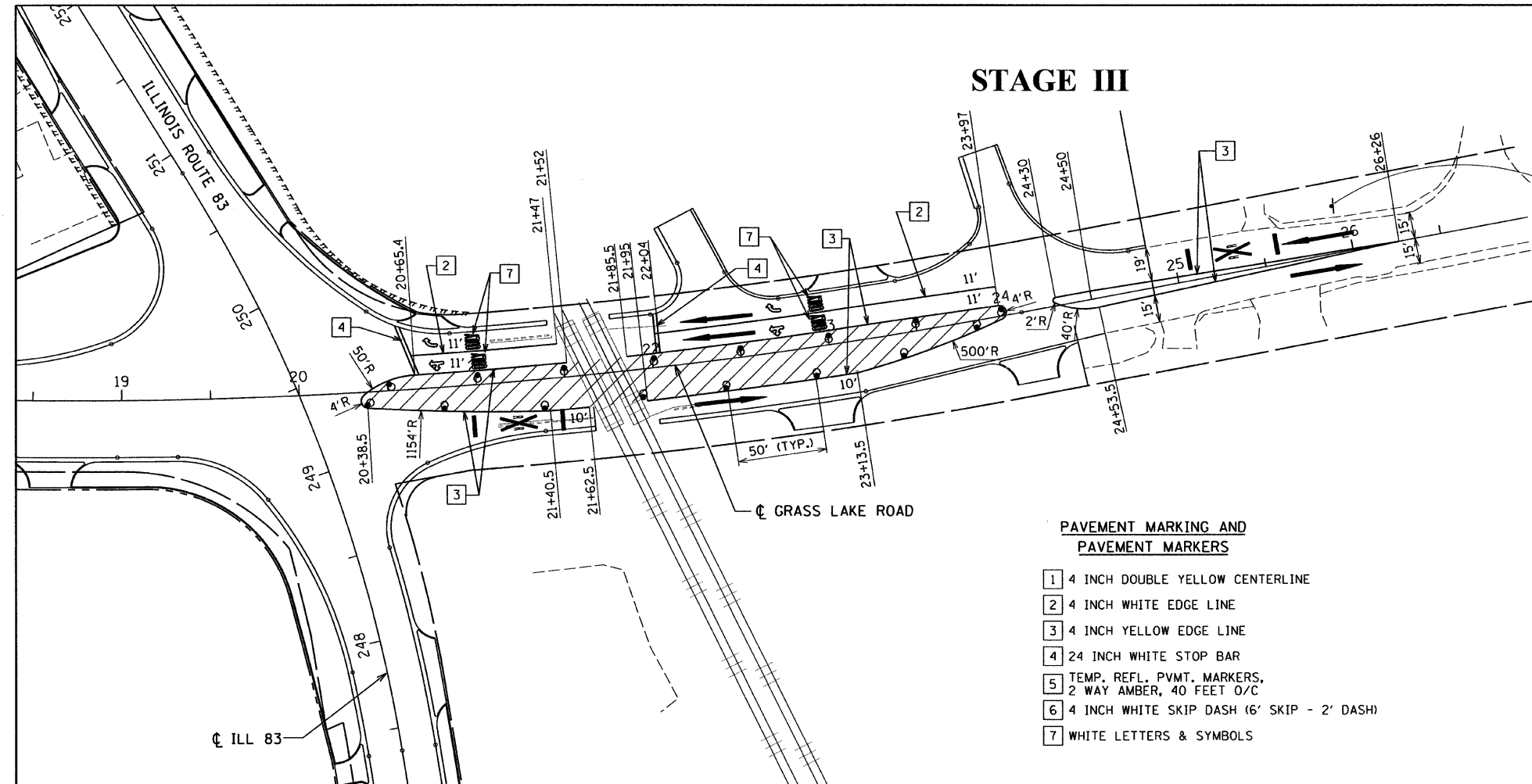
DATE: 1/30/09



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	93
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2LW,R);6,6A & 6 EXT) WRS-1				

STAGE III

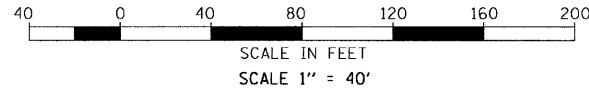


PAVEMENT MARKING AND PAVEMENT MARKERS

- 1 4 INCH DOUBLE YELLOW CENTERLINE
- 2 4 INCH WHITE EDGE LINE
- 3 4 INCH YELLOW EDGE LINE
- 4 24 INCH WHITE STOP BAR
- 5 TEMP. REFL. PVMT. MARKERS, 2 WAY AMBER, 40 FEET O/C
- 6 4 INCH WHITE SKIP DASH (6' SKIP - 2' DASH)
- 7 WHITE LETTERS & SYMBOLS

CONSTRUCTION NOTES

- CONSTRUCT CONCRETE MEDIANS
- INSTALL RAILROAD MEDIAN SIGNAL & GATE
- PLACE BITUMINOUS SURFACE COURSE



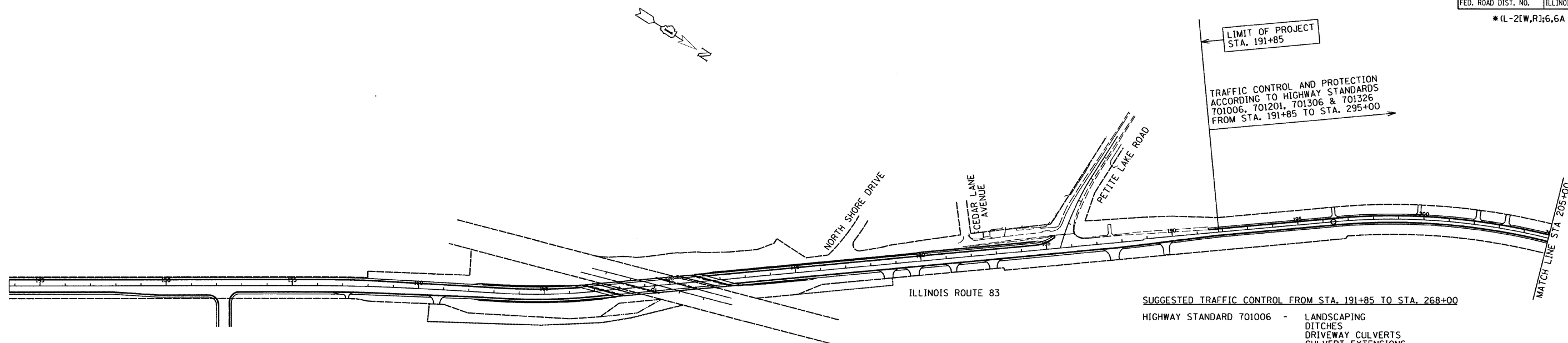
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED CONSTRUCTION STAGING GRASS LAKE ROAD EAST OF ILLINOIS ROUTE 83 DRAWN BY: WPD CHECKED BY: MW
NAME	DATE	

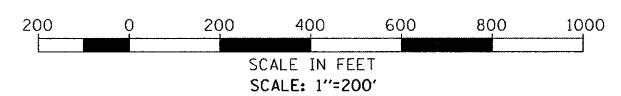
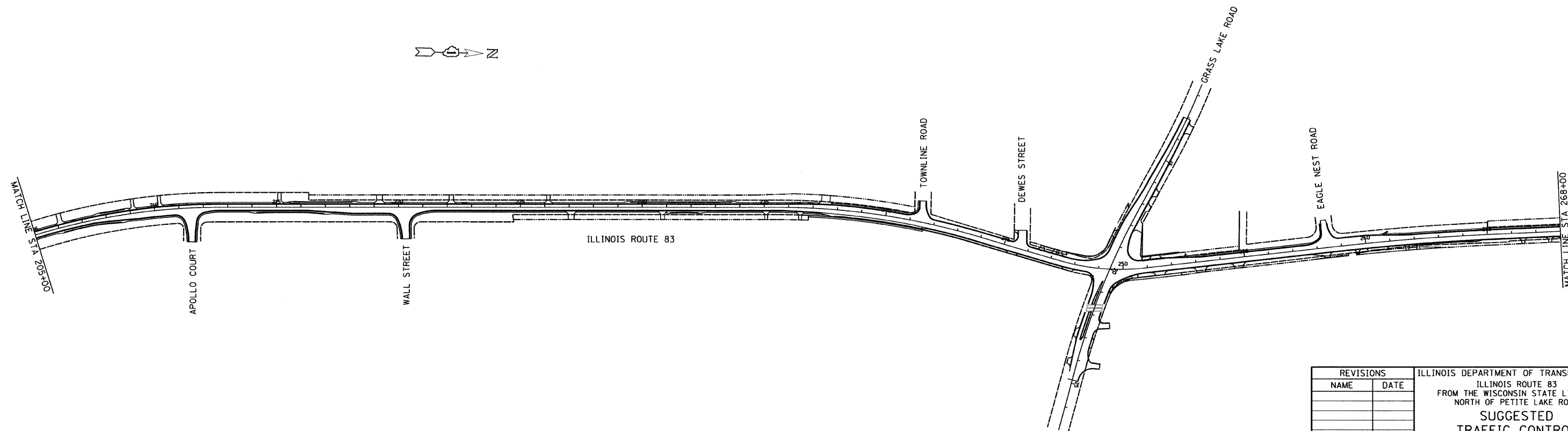


GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	94
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2(W,R);6,6A & 6 EXT) WRS-1				



- SUGGESTED TRAFFIC CONTROL FROM STA. 191+85 TO STA. 268+00
- HIGHWAY STANDARD 701006 - LANDSCAPING
DITCHES
DRIVEWAY CULVERTS
CULVERT EXTENSIONS
 - HIGHWAY STANDARD 701201 - STORM SEWER
CULVERTS
PATCHING
 - HIGHWAY STANDARD 701306 - PAVEMENT MILLING
LEVEL BINDER
PAVING
 - HIGHWAY STANDARD 701326 - PAVEMENT WIDENING
SHOULDERS
CURB AND GUTTER
- SEE DRAINAGE AND UTILITY PLANS FOR LOCATIONS
- NOTE: TRAFFIC CONTROL FOR ALL SIDE STREETS IS IN ACCORDANCE WITH THE ABOVE STANDARDS AND DISTRICT ONE STANDARD TC10.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED TRAFFIC CONTROL STA 191+85 TO STA 268+00 DATE: 1/30/09
NAME	DATE	
		DRAWN BY: WPD CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS

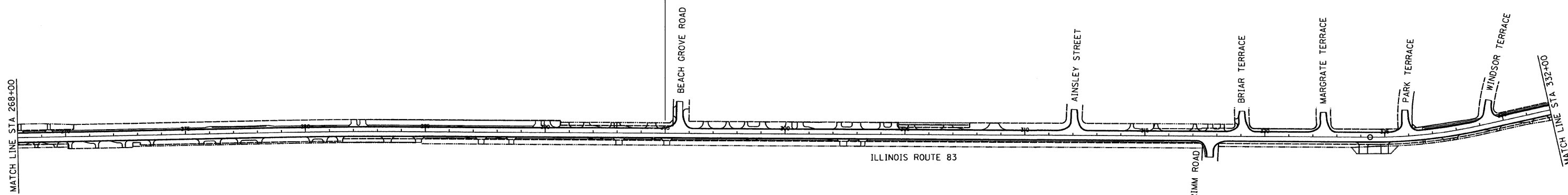
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F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	95
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(L-2LW,R);6,6A & 6 EXT) WRS-1				



TRAFFIC CONTROL AND PROTECTION ACCORDING TO HIGHWAY STANDARDS 701006, 701201, 701306 & 701326 FROM STA. 191+85 TO STA. 295+00

TRAFFIC CONTROL AND PROTECTION ACCORDING TO HIGHWAY STANDARDS 701006, 701201, 701326 & 701501 FROM STA. 295+00 TO STA. 493+17

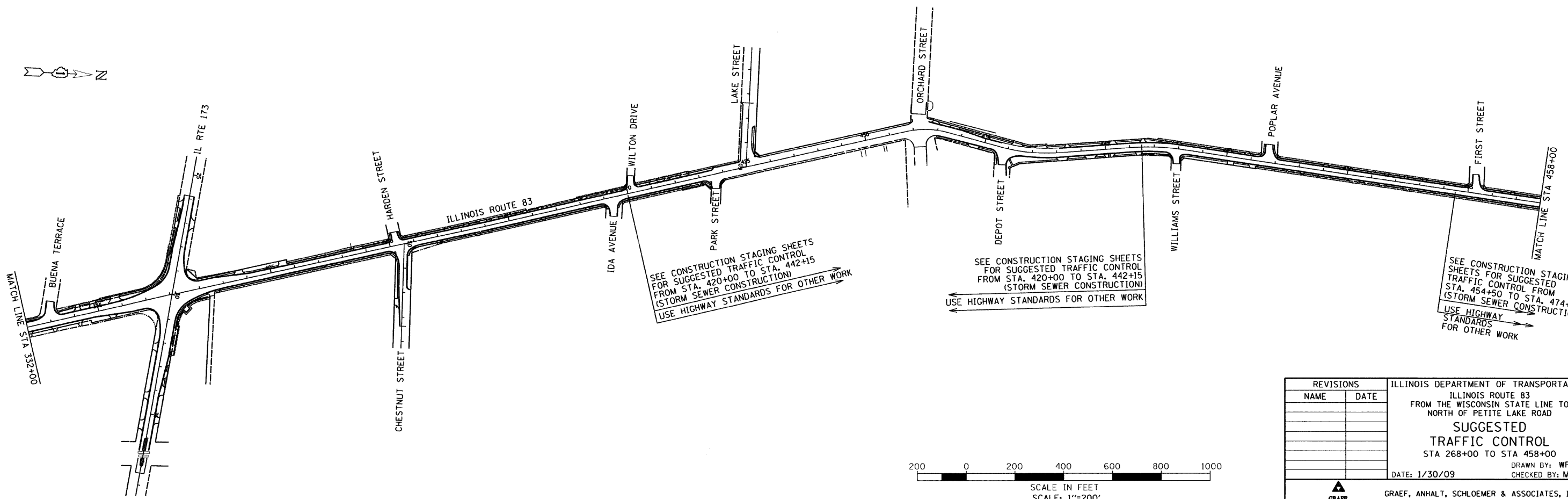
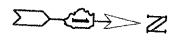


SUGGESTED TRAFFIC CONTROL FROM STA. 268+00 TO STA. 295+00

- HIGHWAY STANDARD 701006 - LANDSCAPING
DITCHES
DRIVEWAY CULVERTS
CULVERT EXTENSIONS
 - HIGHWAY STANDARD 701201 - STORM SEWER •
CULVERTS •
PATCHING •
 - HIGHWAY STANDARD 701306 - PAVEMENT MILLING
LEVEL BINDER
PAVING
 - HIGHWAY STANDARD 701326 - PAVEMENT WIDENING
SHOULDERS
CURB AND GUTTER
- SEE DRAINAGE AND UTILITY PLANS FOR LOCATIONS
- NOTE: TRAFFIC CONTROL FOR ALL SIDE STREETS IS IN ACCORDANCE WITH THE ABOVE STANDARDS

SUGGESTED TRAFFIC CONTROL FROM STA. 295+00 TO STA. 458+00

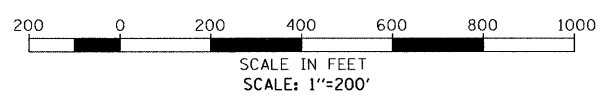
- HIGHWAY STANDARD 701006 - LANDSCAPING
DITCHES
DRIVEWAY CULVERTS
CULVERT EXTENSIONS
 - HIGHWAY STANDARD 701201 - STORM SEWER •
CULVERTS •
PATCHING •
 - HIGHWAY STANDARD 701326 - PAVEMENT WIDENING
SHOULDERS
CURB AND GUTTER
 - HIGHWAY STANDARD 701501 - PAVEMENT MILLING
LEVEL BINDER
PAVING
- SEE DRAINAGE AND UTILITY PLANS FOR LOCATIONS
- NOTE: TRAFFIC CONTROL FOR ALL SIDE STREETS IS IN ACCORDANCE WITH THE ABOVE STANDARDS



SEE CONSTRUCTION STAGING SHEETS FOR SUGGESTED TRAFFIC CONTROL FROM STA. 420+00 TO STA. 442+15 (STORM SEWER CONSTRUCTION)
USE HIGHWAY STANDARDS FOR OTHER WORK

SEE CONSTRUCTION STAGING SHEETS FOR SUGGESTED TRAFFIC CONTROL FROM STA. 420+00 TO STA. 442+15 (STORM SEWER CONSTRUCTION)
USE HIGHWAY STANDARDS FOR OTHER WORK

SEE CONSTRUCTION STAGING SHEETS FOR SUGGESTED TRAFFIC CONTROL FROM STA. 454+50 TO STA. 474+50 (STORM SEWER CONSTRUCTION)
USE HIGHWAY STANDARDS FOR OTHER WORK



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD

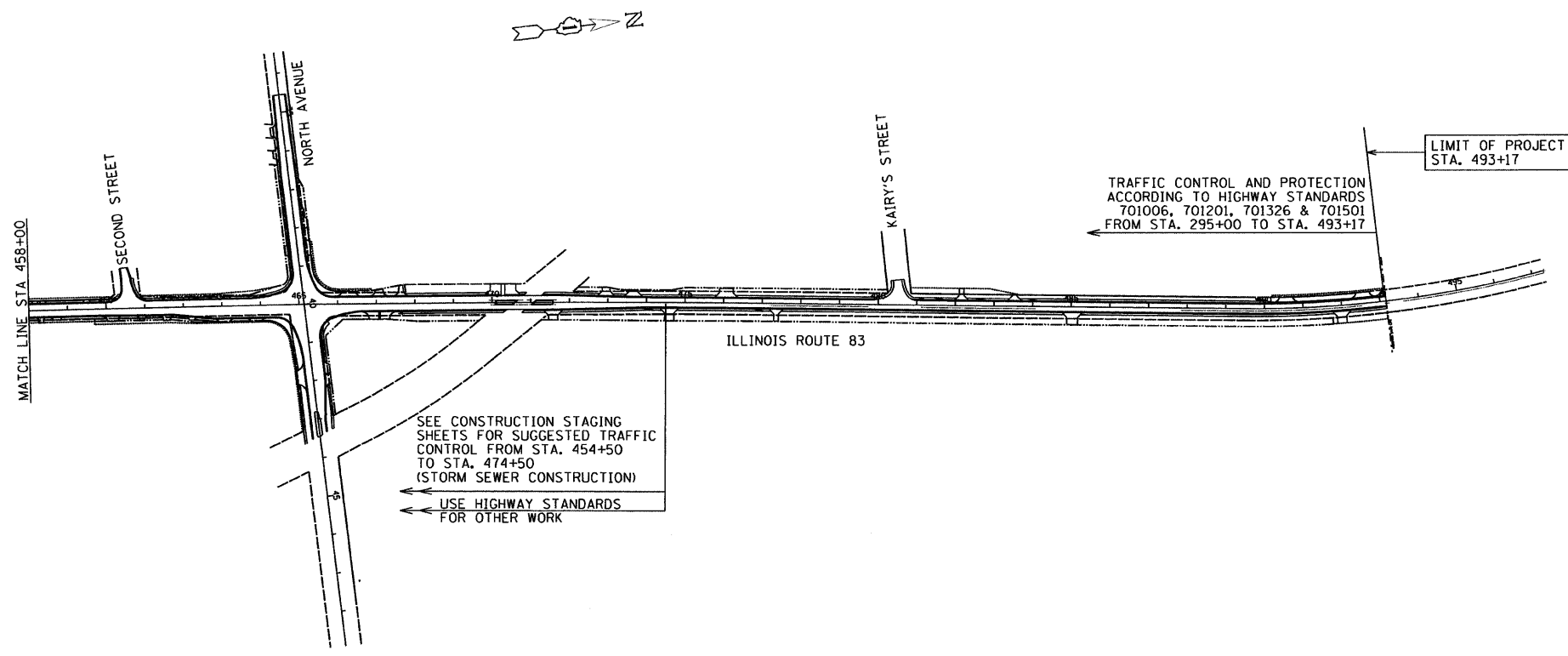
SUGGESTED TRAFFIC CONTROL
STA 268+00 TO STA 458+00

DATE: 1/30/09

DRAWN BY: WPD
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

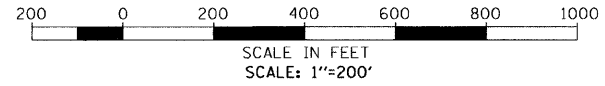
F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	96
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				



SUGGESTED TRAFFIC CONTROL FROM STA. 458+00 TO STA. 493+17

- HIGHWAY STANDARD 701006 - LANDSCAPING
DITCHES
DRIVEWAY CULVERTS
CULVERT EXTENSIONS
 - HIGHWAY STANDARD 701201 - STORM SEWER
CULVERTS
PATCHING
 - HIGHWAY STANDARD 701326 - PAVEMENT WIDENING
SHOULDERS
CURB AND GUTTER
 - HIGHWAY STANDARD 701501 - PAVEMENT MILLING
LEVEL BINDER
PAVING
- SEE DRAINAGE AND UTILITY PLANS FOR LOCATIONS
- NOTE: TRAFFIC CONTROL FOR ALL SIDE STREETS IS IN ACCORDANCE WITH THE ABOVE STANDARDS

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD SUGGESTED TRAFFIC CONTROL STA 458+00 TO STA 495+00 DATE: 1/30/09 DRAWN BY: WPD CHECKED BY: MW
NAME	DATE	

*(L-2[W,R];6,6A & 6 EXT) WRS-1

EROSION CONTROL AND TEMPORARY FENCE					
STATION	TO STATION	PERIMETER EROSION BARRIER (FT)	TEMPORARY FENCE (FT)	INLET FILTERS (EACH)	TEMPORARY DITCH CHECK (EACH)
190+00	211+50	3,903	635		9
211+50	220+25	1,801	93		6
220+25	241+50	4,186	417	1	15
241+50	245+75	856		6	
245+75	249+50	640		12	
249+50	258+50	1,518		13	3
258+50	295+50	6,631	405	30	24
295+50	312+00	2,841	726	25	8
312+00	317+75	1,144		6	1
317+75	319+00	272		2	1
319+00	322+50	791		9	
322+50	326+00	738		4	
326+00	329+25	728		4	
329+25	333+00	756		9	
333+00	401+00	914		12	
401+00	410+50	1,830		18	
410+50	419+50	1,498		13	
419+50	420+25	199		2	
420+25	423+75	540		7	
423+75	425+00	219		2	
425+00	432+25	184		6	
432+25	435+75	485		6	
435+75	443+00	1,104		16	
443+00	446+75	674		6	
446+75	455+25	1,418		11	
455+25	460+50	963		8	
460+50	465+00	901		13	
465+00	480+50	2,561		5	8
480+50	497+00	2,448		1	9
GRASS LAKE ROAD		2,380	157	12	5
IL ROUTE 173		1,506		3	
NORTH AVENUE		1,021		18	
TOTAL		47,650	2,433	280	89

EROSION CONTROL LEGEND

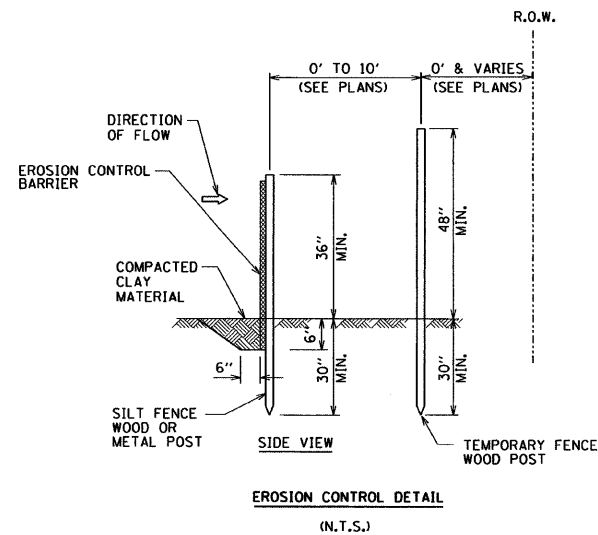
- = SILT FENCE
- = DITCH CHECK
- = INLET FILTERS
- = TEMPORARY FENCE

TREE MAINTENANCE LEGEND

- = TREE TRUNK PROTECTION
- = TREE BRANCH PRUNING
- = TREE ROOT PRUNING
- = TREE REMOVAL
- = STONE RIPRAP & FILTER FABRIC

LANDSCAPING LEGEND

- = SODDING, SALT TOLERANT & 4" TOPSOIL
- = SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET & 4" TOPSOIL
- = SEEDING CLASS 4A WITH 4" COMPOST AND EROSION CONTROL BLANKET



REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
RIGHT SIDE				
220+93.8	34.3		28	White Oak
221+33.7	30.1		36	Bur Oak
221+52.3	29.7		20	Bur Oak
222+57.8	35.0		30	Bur Oak
222+73.8	34.0		20	
222+74.8	35.0	6		Siberian Elm
223+87.8	34.0	12	31	Bur Oak
224+01.8	33.0		31	Bur Oak
224+56.8	28.0		16	Bur Oak
227+15.8	37.0	6		Green Ash
227+34.8	35.0	12		
227+65.8	35.0	6		
227+83.8	35.0		20	Cottonwood
227+96.8	35.0	12		Green Ash
228+27.8	35.0	11		Green Ash
228+39.7	35.0	6		Green Ash
228+42.8	33.0	9		Green Ash
228+87.8	38.0		19	Stump
229+03.8	41.0	7		Green Ash
229+03.8	38.0	6		Green Ash
229+24.8	38.0	8		Green Ash
229+65.8	31.0	24		Green Ash
230+45.7	39.0	10		Walnut
230+90.8	44.0	22		Elm
231+75.8	34.0	6		
231+81.8	33.0		17	Green Ash
231+83.8	29.0	6		Green Ash
232+39.8	33.0	11		Poplar
232+72.7	30.0		18	Poplar
232+72.7	37.0		29	Poplar
232+94.8	30.0		21	Poplar
233+02.8	29.0		23	Poplar
233+10.8	29.0		24	Poplar
233+15.8	30.0		46	Poplar
233+22.7	32.0		17	Poplar
233+42.8	35.0		37	Poplar
233+59.8	33.0		22	Poplar
233+75.8	36.0		20	Poplar
234+11.1	28.0		18	Poplar
234+38.3	33.8	8		
234+58.0	25.8		24	Stump
234+70.0	25.8		20	Stump
234+88.8	33.0	9		Green Ash
235+37.7	31.0		29	Poplar
235+38.5	29.5		18	
235+44.1	35.6		18	Poplar
235+50.8	35.0	26		Poplar
235+55.8	36.0	11		Poplar
235+57.8	34.0		20	Poplar
235+57.8	31.0	14		Poplar
236+14.8	33.0	12	18	Catalpa
236+26.7	31.0	25		Catalpa
236+58.8	35.0		21	Stump
238+07.7	32.0	6		Norway Maple
259+58.7	32.0	6		Juniper
263+99.7	37.7		30	Green Ash, Elm
264+14.7	25.0		22	Box Elder
267+48.7	32.0	11		
267+50.7	41.0	11		
270+67.9	35.9	6		
270+68.7	35.0		30	Blue Spruce
270+76.7	35.6	6		
270+77.7	36.0		20	Blue Spruce
270+93.3	36.6		24	Bur Oak
270+96.2	36.9		16	Bur Oak
271+23.1	39.5		22	American Elm
271+42.5	35.1		18	
271+43.7	29.0		18	Box Elder
271+43.7	37.0	10		Box Elder
271+51.7	46.0	11		Bur Oak
271+52.7	45.0	14		Bur Oak
271+58.2	47.5		22	Bur Oak
271+58.9	31.0		22	Stump

REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
RIGHT SIDE				
271+94.1	36.2		26	Box Elder
271+95.3	31.3	12		Stump
272+62.8	33.4		16	
272+82.7	31.2	6		Poplar & Elm
273+18.2	39.2	8		Stump
273+79.7	20.4	6		Poplar & Elm
274+16.7	42.7	6		Poplar & Elm
275+94.0	30.0		18	Green Ash
276+15.3	37.3	12		Green Ash
276+79.6	36.9		16	Silver Maple
277+03.1	33.2		16	Silver Maple
277+68.1	35.2		20	Silver Maple
278+27.4	35.2	6		Blue Spruce
278+36.7	35.8	6		Green Spruce
278+47.8	35.0	6		Blue Spruce
278+56.4	35.1	6		Blue Spruce
278+66.0	35.6	6		Green Spruce
278+82.2	36.1	6		Blue Spruce
278+87.0	41.7	6		Blue Spruce
279+13.7	43.0	10		Green Ash
279+14.7	35.0	7		Green Ash
279+43.2	40.7		30	Willow
280+36.9	31.5	14		Spruce
280+56.6	42.1	14		Norway Maple
280+99.3	33.4	14		Spruce
281+32.4	34.4	14		Spruce
301+46.9	30.5		30	Stump
301+80.6	32.1	16		Linden
301+89.1	31.9		24	
301+90.7	31.0	6		Silver Maple
303+41.7	27.9	6		Elm & Silver Maple
304+46.3	37.5	12		Stump
305+57.7	26.0	12		American Elm
306+11.7	35.0	16		American Elm
306+20.7	27.0	16		American Elm
306+33.7	20.0	12		American Elm
306+87.7	20.0	22		Siberian Elm
307+10.7	19.0	23		Siberian Elm
307+16.7	18.0	6		Box Elder
307+71.7	27.0	13		American Elm
307+77.7	30.0	6		Siberian Elm
310+21.7	38.0	16		Box Elder
314+08.7	36.0	18		Chinese Elm
314+64.7	40.5	10		Chinese Elm
314+75.3	39.2	6		
314+79.1	39.8	6		
314+86.3	39.0	10		Chinese Elm
314+88.4	39.9	6		
315+22.7	39.0	11		Chinese Elm
315+79.7	37.0	7		Chinese Elm
316+21.8	34.4	10		Stump
316+29.7	38.6	6		
316+45.9	39.0	6		
316+51.5	38.5	8		
316+67.8	40.2	6		
317+29.7	36.0	11		Chinese Elm
317+35.7	44.0	7		American Elm
317+49.7	51.0		26	Silver Maple
318+08.8	41.9		24	Silver Maple

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD EROSION CONTROL, TREE REMOVAL SCHEDULES, AND LEGENDS (SHEET 1 OF 4) DATE: 01/30/09 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	98
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (L-2[W,R];6,6A & 6 EXT) WRS-1

REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
RIGHT SIDE				
319+50.7	30.0	10		Stump
319+52.7	28.0	14		Stump
319+59.5	28.9	12		Stump
319+63.4	28.6	15		Stump
320+06.0	28.1	12		Stump
321+53.7	26.0	9		Chinese Elm
325+13.8	30.0	12		Silver Maple
328+78.9	32.1		30	Silver Maple
328+91.9	33.2		48	
330+01.7	28.0	BUSH		Red Twig Dogwood
330+43.7	30.0	BUSH		Box Wood
331+26.1	37.8		39	Stump
331+62.5	36.3		29	Stump
333+97.7	29.0		35	Catalpa
334+90.7	29.0		38	Silver Maple
335+36.3	30.6		30	Catalpa
335+87.9	31.0		28	Shagbark Hickory
336+16.7	30.0		30	Stump
336+46.7	30.0		30	Catalpa
409+42.5	20.1		29	Silver Maple
410+23.1	46.8		18	Norway Maple
411+94.4	31.4		33	White Oak
415+72.8	24.7		20	Crab Apple
417+73.9	25.9	7		
417+78.2	25.2	BUSH		Hedgerow
417+80.5	39.7	BUSH		Hedgerow
418+99.4	30.6		16	Walnut
440+40.0	32.6		30	Norway Maple
440+72.1	32.0		48	White Oak
440+82.6	32.2		33	White Oak
454+91.1	27.5		22	Stump
455+89.5	25.6		30	Silver Maple
459+08.1	25.7		25	Silver Maple
471+37.8	39.6	12		Cedar
473+26.3	31.0		24	
473+27.7	32.9		39	Bur Oak
474+12.0	31.1	14		Green Ash
474+37.3	32.4	14		Cedar
474+42.2	32.8		17	Cedar
475+74.9	28.9	10		Walnut
476+17.9	31.5		24	Black Cherry
476+73.7	25.1		36	
476+78.8	19.4		27	Green Ash
477+10.5	25.3		16	
477+14.5	25.3	6		Green Ash
477+14.8	29.2		35	Bur Oak
477+31.2	29.2		24	Bur Oak
479+01.2	29.5		16	Cottonwood
479+09.7	33.2		32	Cottonwood
479+14.3	29.5	8		Cottonwood
479+31.7	27.7	6		Cottonwood
479+82.2	24.1	15		Cottonwood
479+90.4	24.3		19	Cottonwood
480+00.3	24.5		25	Cottonwood
480+00.3	24.4		25	Cottonwood
480+02.6	24.4		18	Cottonwood
480+06.8	24.1	12		Cottonwood
480+08.2	24.0	12		Cottonwood
480+13.1	23.2		21	Cottonwood
480+14.4	23.0		17	Cottonwood
480+23.9	21.6		43	Cottonwood
480+38.0	22.8		20	Cottonwood
480+40.0	22.7	12		Cottonwood
480+42.9	22.8	12		Cottonwood
480+46.2	22.8		19	Cottonwood
483+87.7	26.7	24		Green Ash
484+66.8	22.6		48	Silver Maple
485+75.7	22.8		39	Silver Maple
487+29.0	29.0		63	Poplar
487+66.7	28.8	6		Poplar
487+67.8	26.1		46	

REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
RIGHT SIDE				
488+72.4	22.2		20	
488+87.7	22.4		16	Box Elder
489+02.5	22.4	12		Mulberry
489+05.8	29.9		36	
489+41.9	22.4		35	Bur Oak
490+10.8	16.1		18	Box Elder
491+21.2	29.7		36	
491+34.9	31.5	15		
491+50.9	30.5	22		Cedar
491+51.0	34.3		20	
LEFT SIDE				
202+27.2	34.4		22	American Elm
209+99.7	39.1	6		
217+97.8	31.3	6		
218+45.2	28.4	27		Bur Oak
218+61.9	30.4	12		Bur Oak
218+97.6	28.8	12		Bur Oak
219+04.0	34.0	6		
219+54.8	33.0	12		Box Elder
219+58.8	34.2	10		Stump
219+58.9	31.6	8		Bur Oak
219+61.1	31.7	10		Box Elder
219+62.7	31.0	8		Bur Oak
219+75.4	28.2	8		
219+94.8	34.0	12		Box Elder
220+42.7	33.1	6		
220+45.7	30.0	18		Walnut
220+49.8	36.2	6		
220+91.7	33.2	6		Bur Oak
220+96.6	35.7	6		
221+30.6	41.0	14		Siberian Elm
221+78.9	38.0	9		Siberian Elm
221+79.8	30.0	18		Siberian Elm
221+88.7	36.0	11		Bur Oak
221+93.6	32.0	11		Bur Oak
222+01.8	40.0	11		Bur Oak
222+28.7	38.0	9		American Elm
222+34.0	28.8		30	
222+35.6	30.0		43	White Poplar
222+63.8	31.0	13		Walnut
222+96.6	30.0		19	Green Ash
223+39.6	30.0		20	Green Ash
223+41.9	32.0	7		Osage Orange
224+35.8	31.0		24	
225+33.8	31.0	11		Osage Orange
225+46.6	31.0		29	Green Ash
225+93.9	32.0		26	Green Ash
226+24.4	30.9		18	
226+25.7	32.0		28	Green Ash
227+34.6	32.0		28	Green Ash
227+53.7	32.0		29	Green Ash
227+97.6	32.0		26	Green Ash
228+14.7	31.0		17	Green Ash
228+34.7	36.0	9		Cottonwood
228+59.6	31.0		23	Green Ash
228+97.7	31.0		20	Green Ash
229+34.8	32.0	24		Green Ash
229+62.6	31.0		16	Green Ash
229+89.9	35.0		35	Cottonwood
229+98.7	32.0	8		American Elm
230+13.8	34.0	16		Green Ash
230+59.8	35.0		18	Poplar
230+84.7	37.0	11		Poplar

REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
LEFT SIDE				
230+88.6	38.0		17	Poplar
230+90.9	34.0		17	Poplar
230+94.9	35.0	13		Poplar
231+07.7	32.0	14		Box Elder
231+11.9	36.0		30	
231+12.9	32.0		29	Poplar
231+26.7	32.0		29	Poplar
231+47.7	36.0		55	Poplar
231+76.9	30.0		24	Poplar
231+78.9	36.0		25	Poplar
231+84.8	36.0		28	Poplar
231+89.7	31.0		31	Box Elder
231+91.6	35.0		19	Poplar
232+09.7	33.0		41	Poplar
232+21.8	31.0		53	Poplar
232+39.9	30.0		28	Poplar
232+73.7	33.0		18	Poplar
232+73.7	33.0		20	Poplar
232+79.9	33.0		40	Poplar
232+90.7	31.0		50	Poplar
233+30.8	27.0	9		Poplar
233+37.6	34.0	9		Poplar
233+37.6	30.0	9		Poplar
233+48.8	34.0	9		Poplar
233+58.6	28.0	11		Green Ash
233+60.6	37.0	11		Poplar
233+76.7	30.0	7		Green Ash
233+84.9	33.0	8		Green Ash
234+09.8	33.0	7		Green Ash
234+33.8	28.0	12		Norway Maple
234+34.8	31.0		20	Green Ash
234+58.7	29.0	24		Hawthorne
234+71.8	29.0	12		Hawthorne
234+80.7	26.0	13		Norway Maple
234+80.7	28.0	13		Norway Maple
234+94.8	27.0	20		Green Ash
235+24.6	25.0		23	Bur Oak
235+46.6	25.6	19		Hickory
235+80.8	28.9	18		Green Ash
235+84.7	28.2		18	Box Elder
236+36.9	33.9	7		Bur Oak
236+91.6	32.2	8		
237+12.6	24.9	6		Cottonwood
237+77.6	28.9		16	Box Elder
238+25.8	28.9		25	Hawthorne
238+51.7	34.1	24		Box Elder
238+55.7	34.1	8		Box Elder
238+56.7	34.1	8		Box Elder
238+57.6	30.9	8		Box Elder
238+77.7	34.1		37	
239+07.8	34.1		19	Green Ash
239+25.9	25.0	9		Box Elder
260+08.6	38.2		28	
261+09.6	35.0		22	Ash
261+19.8	19.7	15		Silver Maple, Ash, Elm,
264+99.7	36.1	15		Cottonwood & Hawthorne
265+28.9	33.0	10		Silver Maple
265+40.7	30.0		19	Cottonwood
265+56.4	28.0		24	

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TREE REMOVAL SCHEDULES (SHEET 2 OF 4) DATE: 01/30/09 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	99
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	


*(L-2[W,R];6,6A & 6 EXT) WRS-1

REMOVAL OF EXISTING TREES				
STATION	OFFSET (FT)	6 IN. to 15 IN.	OVER 15 IN.	TYPE
LEFT SIDE				
266+77.0	29.8	12		Mulberry
266+80.8	27.0		39	Silver Maple
266+81.8	29.0		29	Silver Maple
266+85.7	27.0		24	Silver Maple
266+93.6	27.8		36	
267+06.6	36.7	6		
267+11.4	26.3	8		
267+13.1	27.0	8		
267+14.6	28.0		39	Silver Maple
267+29.3	22.9		20	
267+35.6	29.5		41	Green Ash, Elm
267+48.6	22.6	6		
267+49.7	30.6	15		American Elm
267+51.9	24.0	6		
267+53.3	23.5	6		
267+54.7	23.0	6		
267+63.1	24.3	6		
267+63.3	28.9		32	
267+87.7	31.6		41	Silver Maple
267+92.9	29.1		30	
268+32.3	27.5		30	
268+35.0	31.6		35	Silver Maple
268+52.0	30.0		36	Silver Maple
268+51.7	27.0		35	Silver Maple
268+63.8	31.0		39	Silver Maple
269+13.4	25.9		32	
269+18.0	26.0		47	Silver Maple
269+45.5	30.0		43	Green Ash
270+09.8	46.0	11		Cedar
270+23.6	28.1	12		Silver Maple
272+41.5	25.0		36	Ash
277+50.3	30.0		33	Green Ash
279+54.7	39.9	14		
279+55.7	37.0	32		Silver Maple
292+30.1	29.0	14		Box Elder
305+97.1	33.0		22	American Elm
305+98.1	35.3		24	
322+63.2	53.6	8		White Pine
322+81.9	35.0	9		White Pine
325+59.8	55.8		17	Black Locust
325+63.7	39.0		16	Black Locust
325+71.0	49.6	8		Walnut
325+72.3	61.2		17	Black Locust
325+73.6	49.1		17	Black Locust
326+16.8	57.7		22	
326+17.7	50.0		17	Black Locust
407+69.3	26.8	Bush		Privet (Hedgegrow)
407+71.6	26.0	6		Siberian Elm
408+04.3	26.0		36	Bur Oak
408+53.3	25.4	Bush		Yew
425+39.7	51.0	12		Honey Locust
425+47.2	40.7	12		Honey Locust
434+24.7	32.4	6		
434+56.8	32.3	6		
440+74.4	31.7		18	White Spruce
445+17.7	24.7	Bush		Spirea (Hedgegrow)
456+27.6	37.4	Bush		Privet/Spirea (Hedgegrow)
456+28.6	23.3	Bush		Privet/Spirea (Hedgegrow)
462+58.8	29.8		36	Stump
462+68.7	22.9	Bush		Lilac/Spirea (Hedgegrow)
462+71.6	24.8	Bush		Lilac/Spirea (Hedgegrow)
463+85.5	24.0	9		Chinese Elm
463+85.5	28.4		16	Stump
464+18.3	30.5	6		Schwedler Maple
464+46.1	30.5	6		Norway Maple
478+68.1	31.7		27	Silver Maple
483+67.7	20.9	6		Bur Oak
483+74.3	20.9	8		Bur Oak
484+90.8	20.9		38	Silver Maple
485+13.4	24.0		17	Mulberry

MAINTENANCE OF EXISTING TREES							
STATION	OFFSET FEET	SIZE-DIA. INCHES	TYPE	TREE TRUNK PROTECTION EACH	TREE PRUNING		TREEROOT PRUNING EACH
					1"-10" 10 IN EACH	OVER 10" 10 IN EACH	
RIGHT SIDE							
203+45.3	36.9	12	Chinese Elm	1	0	1	
204+18.7	34.2	12	Chinese Elm	1	0	1	
204+44.9	36.7	12	Siberian Elm	1	0	1	
204+71.5	36.4	10	Chinese Elm	1	1	0	
204+91.2	35.1	12	Siberian Elm	1	0	1	
255+99.7	34.0	10	Green Ash	1	1	0	1
256+24.8	27.0	15	Green Ash	1	0	1	1
256+37.7	28.0	22	Green Ash	1	0	1	1
256+50.7	28.0	18	Green Ash	1	0	1	1
256+78.7	27.0	11	Green Ash	1	0	1	1
257+31.7	33.0	13	Poplar	1	0	1	1
259+48.7	32.0	6	Crab Apple	1	1	0	1
259+52.7	31.0	6	Juniper	1	1	0	1
259+76.0	27.1	14	Cedar	1	0	1	1
265+55.7	31.0	10	Linden	1	1	0	1
265+55.7	31.0	15	Linden	1	0	1	
265+55.7	31.0	15	Linden	1	0	1	
265+55.7	31.0	22	Linden	1	0	1	
266+10.9	34.0	14	Green Ash	1	0	1	1
266+23.9	40.0	49	Silver Maple	1	0	1	
267+42.7	36.0	13		1	0	1	1
267+68.7	33.0	22	Box Elder	1	0	1	1
267+79.7	33.0	10		1	1	0	1
267+99.7	30.0	31	Silver Maple	1	0	1	1
268+36.7	33.1	14		1	0	1	
268+37.7	34.0	9	Sugar Maple	1	1	0	
268+42.0	36.2	10		1	1	0	
268+50.1	28.3	18	Box Elder	1	0	1	1
268+50.3	33.2	12	Maple	1	0	1	
268+88.0	29.0	20	Black Locust	1	0	1	1
268+97.7	27.0	20	Box Elder	1	0	1	1
269+21.0	31.7	14	Box Elder	1	0	1	1
269+38.0	31.1	12	Black Locust	1	0	1	
269+45.4	35.6	18	Black Locust	1	0	1	
269+46.0	33.1	10	Box Elder	1	1	0	
269+66.7	29.4	14	Hickory	1	0	1	1
269+77.9	37.4	10	Box Elder	1	1	0	
269+82.2	40.5	18		1	0	1	
269+86.6	37.8	6		1	1	0	
269+99.8	39.4	20	Horse Chesnut	1	0	1	
270+30.4	42.6	20	Shagbark Hickory	1	0	1	
270+34.7	34.1	32	Green Spruce	1	0	1	
270+39.6	34.5	6		1	1	0	
270+39.7	35.0	32	Blue Spruce	1	0	1	
270+59.7	45.0	20	Horse Chesnut	1	0	1	
279+23.7	44.3	32	Willow	1	0	1	1
279+74.7	43.0	23	Siberian Elm	1	0	1	1
279+85.7	43.7	22	Chinese Elm	1	0	1	1
280+07.7	44.0	16		1	0	1	1
285+19.8	45.0	10		1	1	0	
302+86.3	37.0	50	Silver Maple	1	0	1	
309+41.7	37.0	15	Box Elder	1	0	1	1
309+45.4	37.0	6	Mulberry	1	1	0	1
309+45.4	37.0	9	Mulberry	1	1	0	
310+62.7	36.0	10	Box Elder	1	1	0	1
310+75.7	38.0	10	Box Elder	1	1	0	1
311+70.7	37.0	15	Box Elder	1	0	1	1
312+01.7	38.0	6	American Elm	1	1	0	1
312+01.7	38.0		American Elm	1	1	0	
313+03.1	39.5	14		1	0	1	1
321+85.7	32.0	20	Chinese Elm	1	0	1	1
321+97.7	32.0	6	Chinese Elm	1	1	0	1
321+97.7	32.0	6	Chinese Elm	1	1	0	
321+97.7	32.0	6	Chinese Elm	1	1	0	
321+97.7	32.0	8	Chinese Elm	1	1	0	
322+10.7	32.0	11	Chinese Elm	1	0	1	
323+15.6	32.5	8		1	1	0	

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TREE REMOVAL AND MAINTENANCE SCHEDULES (SHEET 3 OF 4) DATE: 01/30/09 DRAWN BY: EUB CHECKED BY: MW
NAME	DATE	


 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
 CHICAGO, ILLINOIS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	100
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (L-2[W,R]; 6, 6A & 6 EXT) WRS-1

MAINTENANCE OF EXISTING TREES

STATION	OFFSET FEET	SIZE-DIA. INCHES	TYPE	TREE TRUNK PROTECTION EACH	TREE PRUNING		TREEROOT PRUNING EACH
					1"-10" 10 IN EACH	OVER 10" 10 IN EACH	
RIGHT SIDE							
323+21.7	27.7	22		1	0	1	1
323+24.1	35.0	8		1	1	0	
323+43.7	31.5	10		1	1	0	
325+31.9	31.0	9	Box Elder	1	1	0	1
325+31.9	31.0	9	Box Elder	1	1	0	
325+46.9	30.0	21	Silver Maple	1	0	1	1
325+64.4	30.1	17		1	0	1	1
325+74.2	30.7	22		1	0	1	1
327+78.7	36.0	10	Swiss Mountain P	1	1	0	1
327+78.7	36.0	10	Swiss Mountain P	1	1	0	
329+46.0	34.1	30	Silver Maple	1	0	1	1
330+06.7	35.0		Red Twig Dogwood	1	1	0	
330+16.7	36.0		Box Wood	1	1	0	
330+31.7	34.0		Box Wood	1	1	0	1
330+62.7	32.0	6	Silver Maple	1	1	0	1
332+90.5	31.6	14	Austrian Pine	1	0	1	1
333+28.8	38.0	17	Sugar Maple	1	0	1	
334+47.6	29.0	31	Catalpa	1	0	1	1
335+20.9	32.7	32	Catalpa	1	0	1	1
335+74.6	38.7	16	Green Spruce	1	0	1	1
403+00.9	26.6	38		1	0	1	1
403+11.0	27.1	32		1	0	1	1
403+19.8	26.2	32	White Oak	1	0	1	1
403+30.3	26.2	30	White Oak	1	0	1	1
403+75.6	26.2	25	White Oak	1	0	1	1
403+83.4	27.6	22		1	0	1	1
404+21.9	27.6	42	Silver Maple	1	0	1	1
404+80.6	26.2	32	Norway Maple	1	0	1	1
405+25.6	27.3	42		1	0	1	1
405+36.4	26.2	39	Silver Maple	1	0	1	1
408+61.6	28.3	24	Norway Maple	1	0	1	
409+41.1	28.9	28		1	0	1	
416+00.5	27.2	28	Green Ash	1	0	1	
416+14.1	27.3	32	Green Ash	1	0	1	
416+30.5	25.2	20	Green Ash	1	0	1	
416+48.3	25.2	29	Green Ash	1	0	1	
417+36.3	28.3	32	Box Elder	1	0	1	
417+66.0	27.9	20	Green Ash	1	0	1	
419+88.6	29.8	20	Red Oak	1	0	1	
421+89.3	29.5	38	Silver Maple	1	0	1	
424+25.0	34.9	16	Honey Locust	1	0	1	
432+87.4	26.3	16	Honey Locust	1	0	1	
439+81.7	35.3	42	Green Ash	1	0	1	
441+76.0	32.3	6		1	1	0	1
449+96.3	31.7	18	Blue Spruce	1	0	1	1
453+10.6	27.3	18	Green Spruce	1	0	1	
453+37.7	29.3	16	Black Cherry	1	0	1	
456+19.0	28.5	6	Crab Apple	1	1	0	
457+73.7	28.0	30	Silver Maple	1	0	1	
458+19.2	26.8	34	Silver Maple	1	0	1	
458+48.1	27.7	30	Silver Maple	1	0	1	
474+90.1	37.1	32	White Oak	1	0	1	1
476+60.1	38.2	30		1	0	1	1
477+07.2	42.6	26		1	0	1	1
484+27.0	40.9	10		1	1	0	1
485+61.7	41.5	38		1	0	1	1
485+72.3	39.5	32		1	0	1	1
485+76.7	34.1	50		1	0	1	1
485+79.3	37.8	20		1	0	1	1
486+21.3	37.8	12		1	0	1	1
486+46.2	36.1	22		1	0	1	1
486+49.2	33.5	27	Mulberry	1	0	1	1
486+55.6	36.1	14		1	0	1	1
491+48.9	39.5	8		1	1	0	1

MAINTENANCE OF EXISTING TREES

STATION	OFFSET FEET	SIZE-DIA. INCHES	TYPE	TREE TRUNK PROTECTION EACH	TREE PRUNING		TREEROOT PRUNING EACH
					1"-10" 10 IN EACH	OVER 10" 10 IN EACH	
LEFT SIDE							
210+91.7	43.9	6		1	1	0	
217+83.0	46.3	6		1	1	0	
217+83.3	43.6	6		1	1	0	
226+02.7	42.0	20	Spruce	1	0	1	
291+89.9	31.5	14	Silver Maple	1	0	1	1
292+43.6	29.6	22		1	0	1	
292+45.7	32.0	10	Silver Maple	1	1	0	
292+45.7	32.0	11	Silver Maple	1	0	1	
292+45.7	32.0	12	Silver Maple	1	0	1	
293+48.2	34.7	10	Spruce	1	1	0	
307+39.8	30.0	24	Shagbark Hickory	1	0	1	1
307+79.8	39.0	24	Shagbark Hickory	1	0	1	
307+83.7	38.0	9	Shagbark Hickory	1	1	0	
312+77.8	38.0	35	Cottonwood	1	0	1	
315+09.8	37.0	40	Silver Maple	1	0	1	
315+70.8	36.0	33	Box Elder	1	0	1	
317+38.8	42.0	9	Black Locust	1	1	0	
317+38.8	47.0	6	Black Locust	1	1	0	
318+73.6	47.3	32	Chinese Elm	1	0	1	
335+17.6	49.0	11	Linden	1	0	1	
404+72.5	29.8	18		1	0	1	
404+74.0	36.1	10	Norway Maple	1	1	0	
404+74.0	36.1	13	Norway Maple	1	0	1	
415+28.6	30.2	16	Sugar Maple	1	0	1	
415+48.2	32.2	10	Sugar Maple	1	1	0	
418+06.4	33.3	20	Norway Maple	1	0	1	
425+00.6	113.5	16		1	0	1	
425+01.4	113.2	14		1	0	1	
425+06.8	138.8	18		1	0	1	
425+07.6	138.4	16		1	0	1	
425+17.5	175.4	14		1	0	1	
425+59.3	150.1	18		1	0	1	
425+60.6	150.3	22		1	0	1	
425+70.0	190.0	14		1	0	1	
447+69.2	29.2	15	Honey Locust	1	0	1	
452+70.0	30.6	15	Schwedler Maple	1	0	1	
456+33.2	28.3	34	Hackberry	1	0	1	1
456+49.0	26.8	26	Bur Oak	1	0	1	1
456+71.5	27.4	30	Hackberry	1	0	1	1
458+80.3	26.1	35	Silver Maple	1	0	1	
460+25.2	61.5	8		1	1	0	
460+81.3	69.6	26		1	0	1	
463+98.6	33.8	6	Blue Spruce	1	1	0	
467+81.6	46.6	12		1	0	1	
467+83.7	49.6	14		1	0	1	
468+01.0	45.3	14		1	0	1	
479+24.2	37.6	29	Catalpa	1	0	1	
480+95.6	30.5	6		1	1	0	
481+07.2	26.8	6		1	1	0	
481+07.3	27.4	20		1	0	1	1
481+18.3	30.4	6		1	1	0	
481+20.0	26.7	19	Bur Oak	1	0	1	1
481+32.5	31.7	6		1	1	0	
481+42.2	37.9	14		1	0	1	
481+49.3	31.6	6		1	1	0	
482+85.7	36.4	12		1	0	1	
482+96.2	33.7	26	Hickory	1	0	1	
483+26.1	31.1	42	Bur Oak	1	0	1	1
26+62.2	36.6	10		1	1	0	
44+21.6	33.5	11		1	0	1	
44+29.3	33.7	17		1	0	1	
44+37.1	32.5	19		1	0	1	
44+45.0	33.0	25		1	0	1	
44+61.6	32.0	26		1	0	1	
44+80.4	32.3	16		1	0	1	
TOTALS				196	56	140	79

STONE RIPRAP			
STATION	CLASS A3 SQ YD	CLASS A5 SQ YD	CLASS A6 SQ YD
ILLINOIS ROUTE 83			
208+30 RT		27	
216+30 RT	23		
240+00 RT	7		
240+95 LT	5		
252+80 LT	8		
263+80 RT	22		
276+70 RT	22		
290+65 RT	10		
297+40 RT	15		
307+30 RT	10		
318+00 RT	10		
GRASS LAKE ROAD			
21+80 RT	12		
ILLINOIS ROUTE 173			
22+90 RT			15
TOTALS	144	27	15

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TREE MAINTENANCE AND STONE RIPRAP SCHEDULES (SHEET 4 OF 4)
NAME	DATE	
		DATE: 01/30/09

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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