

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	49	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60D39		

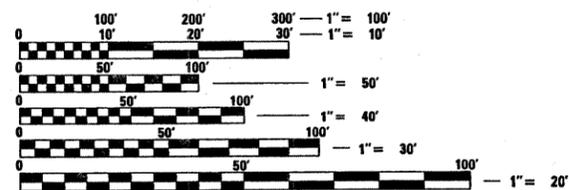
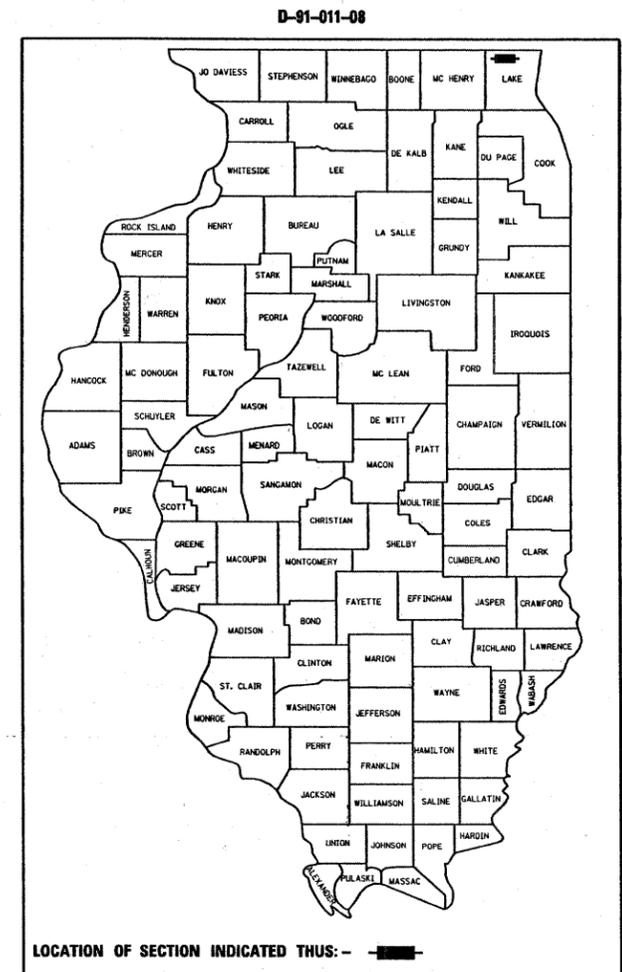
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. 303: IL 173
LAKE AVE. TO ORCHARD ST.
SECTION: 2007-049 I
**SKIDPROOFING; SAFETY IMPROVEMENTS;
FLASHING LIGHT; TREE REMOVAL**
PROJECT: ACHSIP-0303(039)
LAKE COUNTY
C-91-011-08

FOR INDEX OF SHEETS, SEE SHEET NO.

PROJECT LOCATED IN
THE CITY OF ANTIOCH



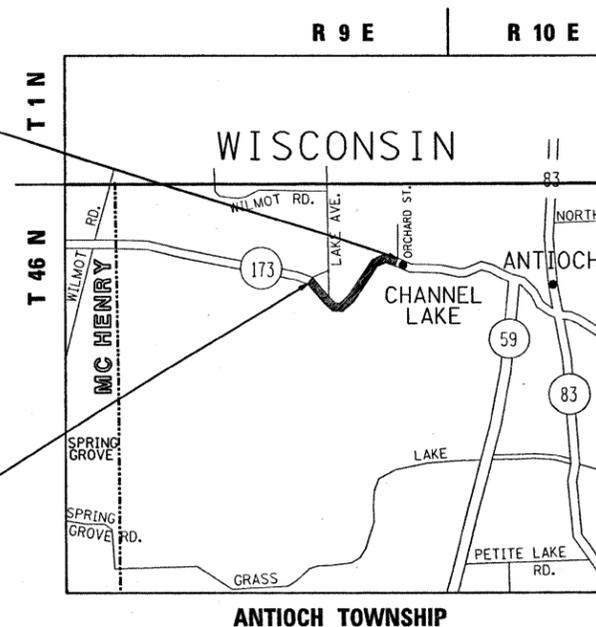
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENDS
STATION: 172+42

OMISSION:
STATION 161+28 TO
STATION 162+25

PROJECT BEGINS
STATION: 94+00



TRAFFIC DATA
2005 ADT = 13,600
SPEED = 40 MPH

PROJECT ENGINEER: KEN ENG (847) 705-4432
PROJECT MANAGER: JENPAI CHANG (847) 705-4247

GROSS LENGTH OF IMPROVEMENT = 7842 FEET = 1.49 MILE
NET LENGTH OF IMPROVEMENT = 7745 FEET = 1.47 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 14, 2008

Diana M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 21, 2008

Eric E. Harn ENGINEER OF DESIGN AND ENVIRONMENT
March 21, 2008

Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 60D39

INDEX OF SHEETS:

SHEET NO.	DESCRIPTION:
1	TITLE SHEET
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4-7	EXISTING AND PROPOSED TYPICAL SECTIONS
8	SCHEDULE OF QUANTITIES
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18	FLASHER INSTALLATION PLAN
19-20	BRIDGE PLANS S.N. 049-0055
21	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
22	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
23	BUTT JOINT AND HMA TAPER DETAILS
24	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS INTERSECTIONS AND DRIVEWAYS
25	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
26	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
27	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
28	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
29	ARTERIAL ROAD INFORMATION SIGN
30-49	CROSS SECTIONS

STATE STANDARDS:

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 604086-01 FRAME AND GRATE, TYPE 23
- 606001-03 CONCRETE CURB AND COMB. CONCRETE CURB & GUTTER
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEED \geq 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701311-02 LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701501-04 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
- 701901 TRAFFIC CONTROL DEVICES

GENERAL NOTES:

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT, 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

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

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF ANTIOCH

THE RESIDENT ENGINEER SHALL CONTACT MS. DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER, AT (847) 438-2300 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR LANDSCAPE ITEMS WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AND/OR THE CUTTING OF MAJOR TREE ROOTS, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION.

TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049-1	LAKE	49	3
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 90% FED. 10% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		1000-2A	BRIDGE SN 049-0055 SFTY-2A	Y031-1F		
20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	UNIT	265	265				
20100210	TREE REMOVAL (OVER 15 UNIT DIAMETER)	UNIT	18	18				
20101100	TREE TRUNK PROTECTION	EACH	3	3				
20101200	TREE ROOT PRUNING	EACH	30	30				
20201006	GRADING AND SHAPING SHOULDERS	UNIT	7	7				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	4598	4598				
25000210	SEEDING CLASS 2A	ACRE	0.95	0.95				
25000400	NITROGEN FERTILIZER NUTRIENTS	POUND	86	86				
25000500	PHOSPHORUS FERTILIZER NUTRIENTS	POUND	86	86				
25000600	POTASSIUM FERTILIZER NITRIENTS	POUND	86	86				
25100630	EROSION CONTROL BLANKET	SO YD	4598	4598				
25200200	SUPPLEMENTAL WATERING	UNIT	46	46				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	20	20				
40600300	AGGREGATE (PRIME COAT)	TON	75	75				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15	15				
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1803	1803				
40600895	CONSTRUCTING TEST STRIP	EACH	1	1				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	970	970				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	35	35				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	868	868				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	149	149				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	3631	3610	21			
42101300	PROTECTIVE COAT	SO YD	80	80				
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SO YD	10432	10432				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	184		184			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	35665	35665				

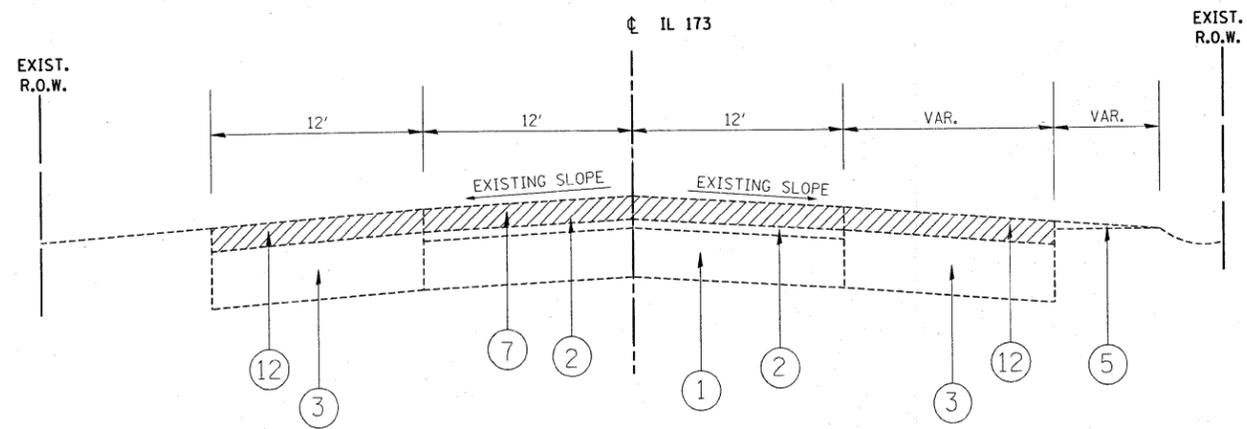
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 90% FED. 10% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		1000-2A	BRIDGE SN 049-0055 SFTY-2A	Y031-1F		
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	220	220				
44002217	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/4"	SO YD	100	100				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SO YD	50	50				
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SO YD	20	20				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	23235	23235				
48102100	AGGRGATE WEDGE SHOULDER, TYPE B	TON	120	120				
60251730	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	2				
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2900	2900				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	29815	29375	440			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	9700	9700				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29815	29375	440			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2185	2185				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	344	340	4			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	344	340	4			
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	100			100		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	14.5			14.5		
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	51.4			51.4		
X0324773	FLASHING BEACON INSTALLATION	EACH	1			1		
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1			1		

• SPECIALTY ITEMS

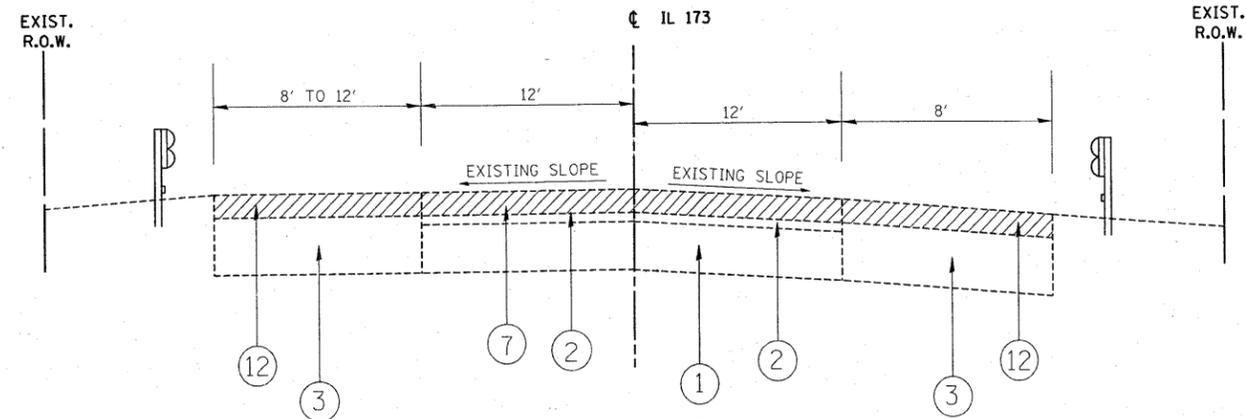
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL 173 (LAKE AVENUE TO ORCHARD STREET)
SUMMARY OF QUANTITIES

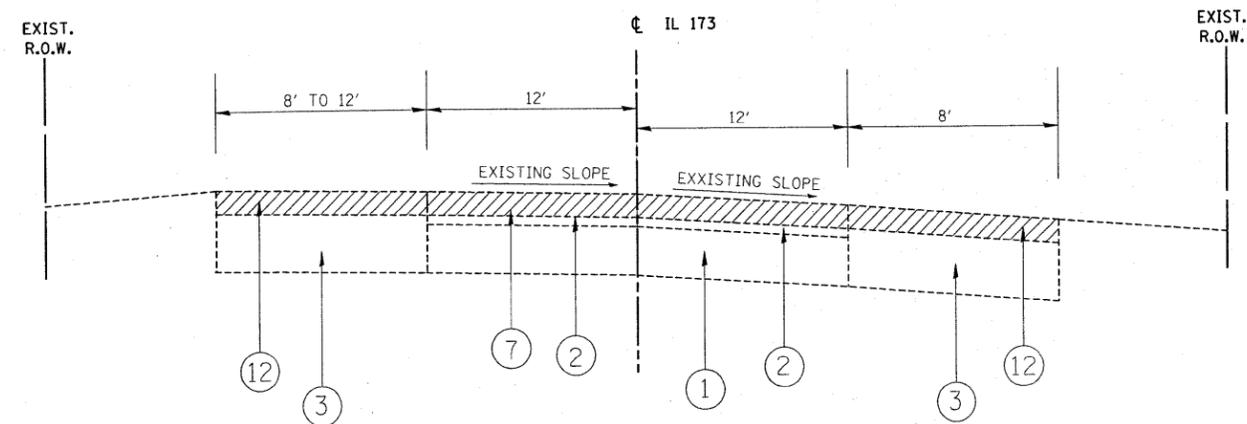
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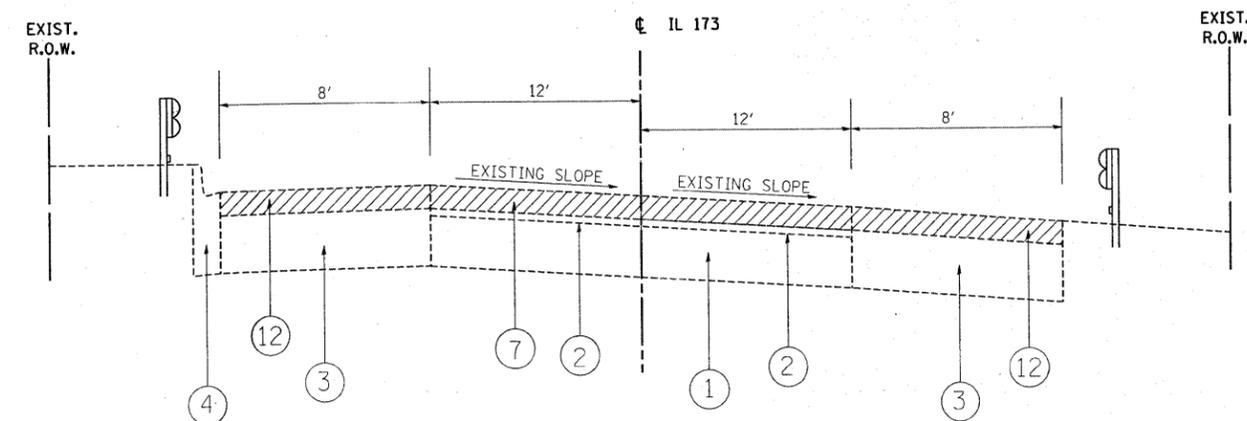
EXISTING TYPICAL SECTION IL 173
STA. 94+00 TO STA. 94+51.02



EXISTING TYPICAL SECTION IL 173
STA. 108+00 TO STA. 109+00



EXISTING TYPICAL SECTION IL 173
STA. 94+93.96 TO STA. 95+00

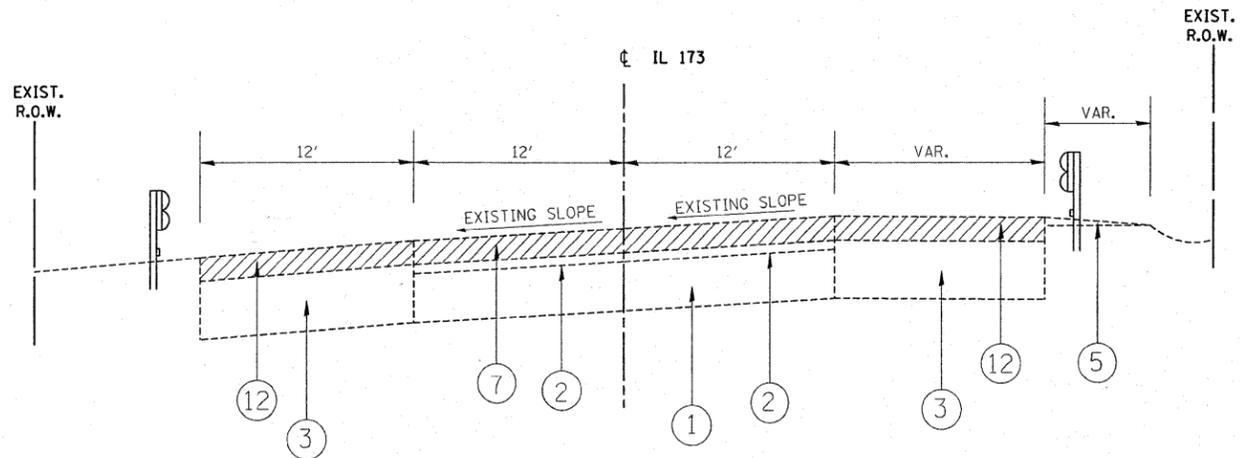


EXISTING TYPICAL SECTION IL 173
STA. 95+72.92 TO STA. 107+00

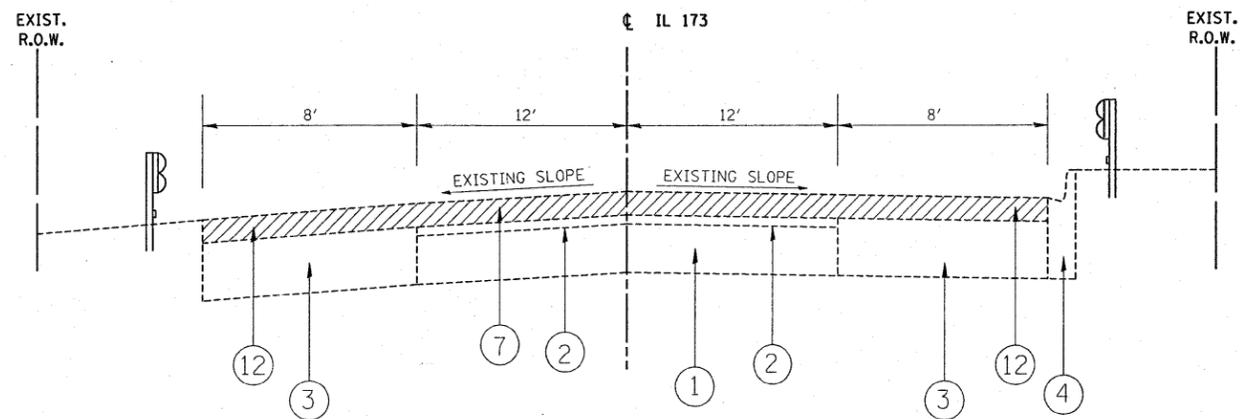
LEGEND:

- ① EXISTING P.C.C. PAVEMENT, 8" (±)
- ② EXISTING HMA OVERLAY, 6" (±)
- ③ EXISTING HMA SHOULDERS
- ④ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ EXISTING AGGREGATE SIDEWALK
- ⑦ PROPOSED HMA SURFACE REMOVAL, 2 1/2" (FOR BRIDGE, USE 2")
- ⑧ PROPOSED LEVELING BINDER (MACHINE METHOD) N70, 3/4 "
- ⑨ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 " (FOR BRIDGE, USE 2")
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ PROPOSED HMA SURFACE REMOVAL, 1"
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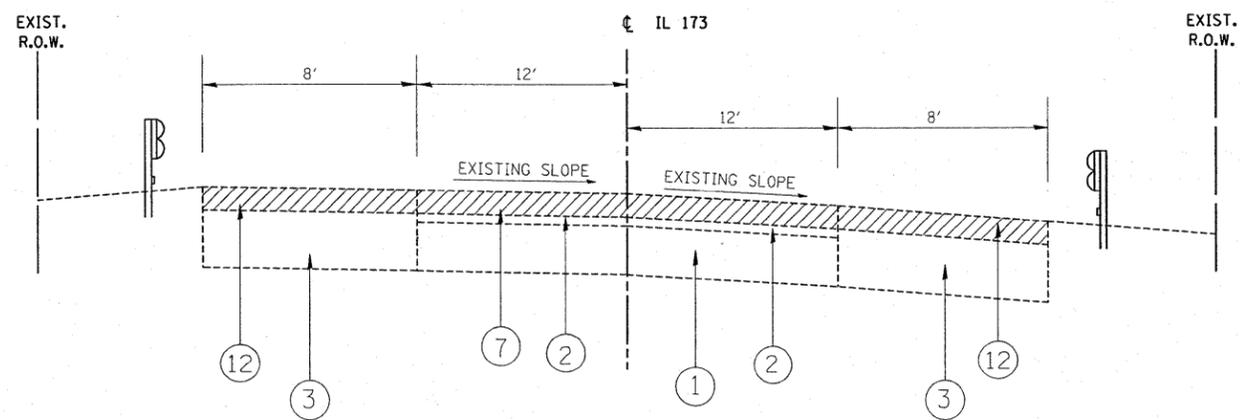
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PLOT DATE = 2/25/2008	DATE -	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 6 OF 25 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 60D39				



EXISTING TYPICAL SECTION IL 173
STA. 110+00 TO STA. 131+46.5



EXISTING TYPICAL SECTION IL 173
STA. 132+00 TO STA. 157+00



EXISTING TYPICAL SECTION IL 173
STA. 158+00 TO STA. 172+00

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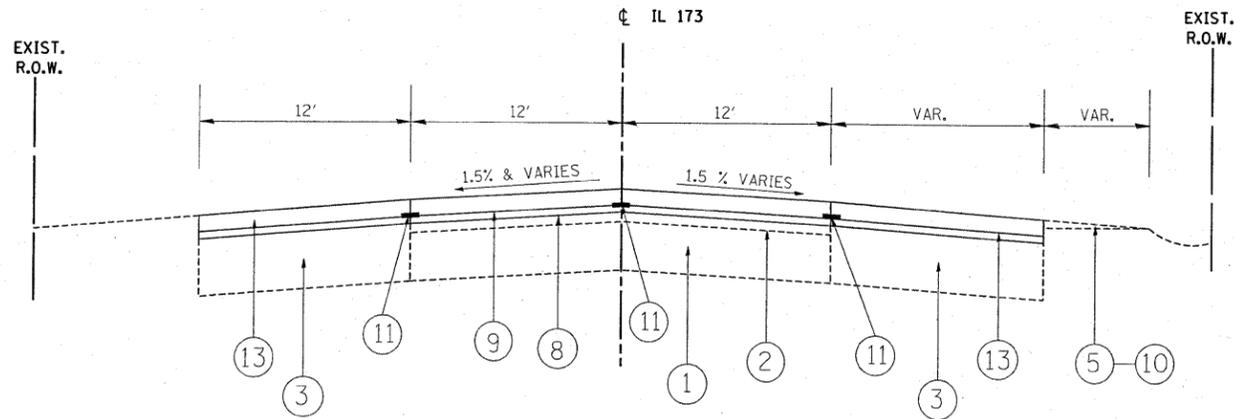
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

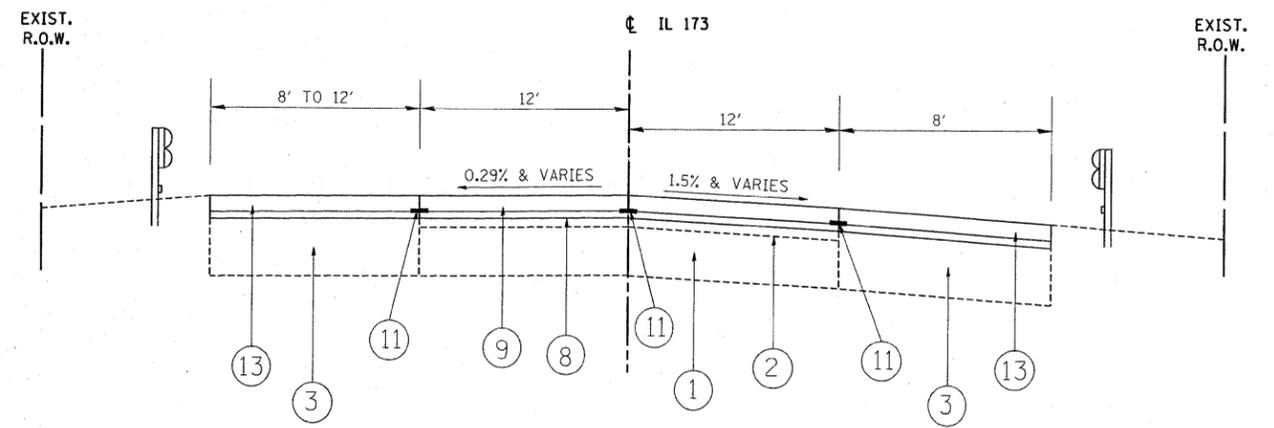
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 7 OF 25 SHEETS STA. TO STA.

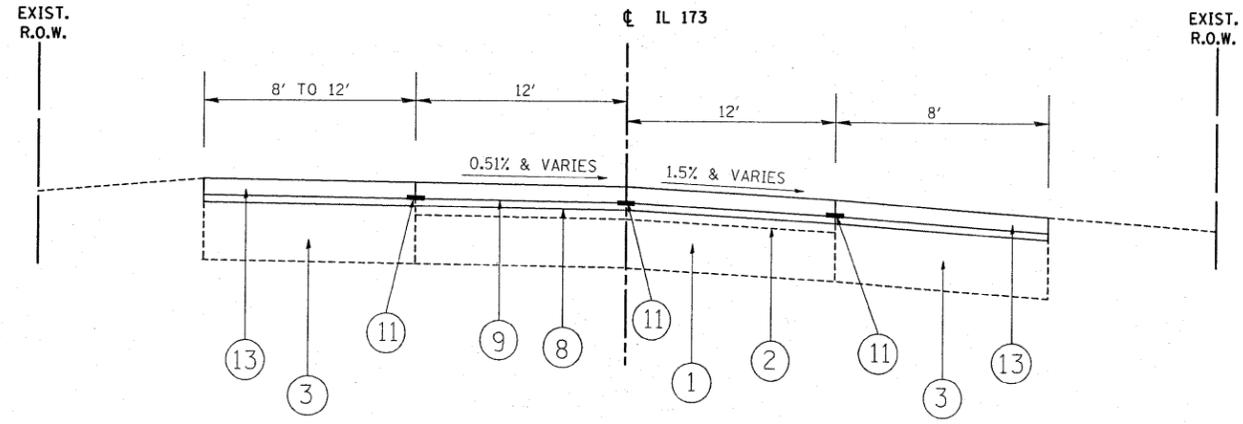
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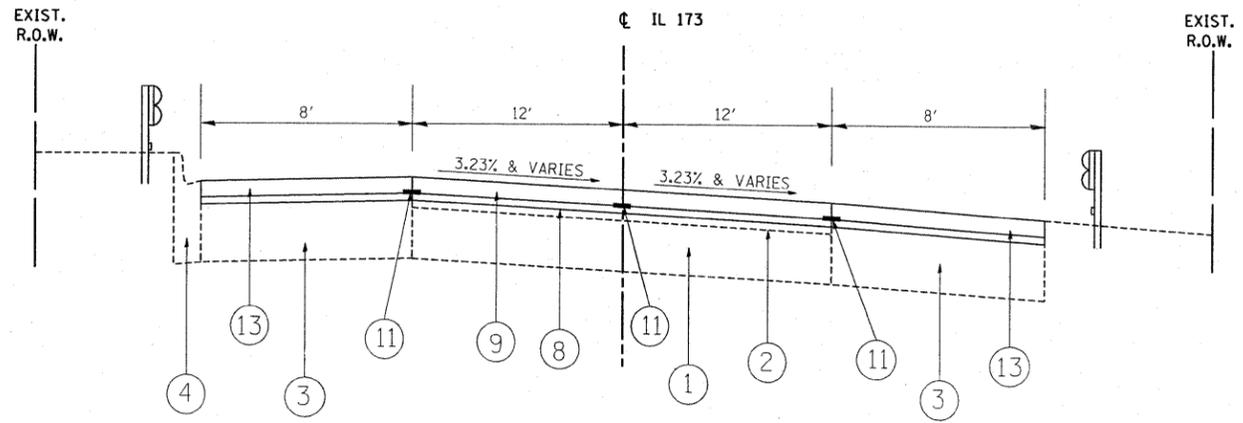
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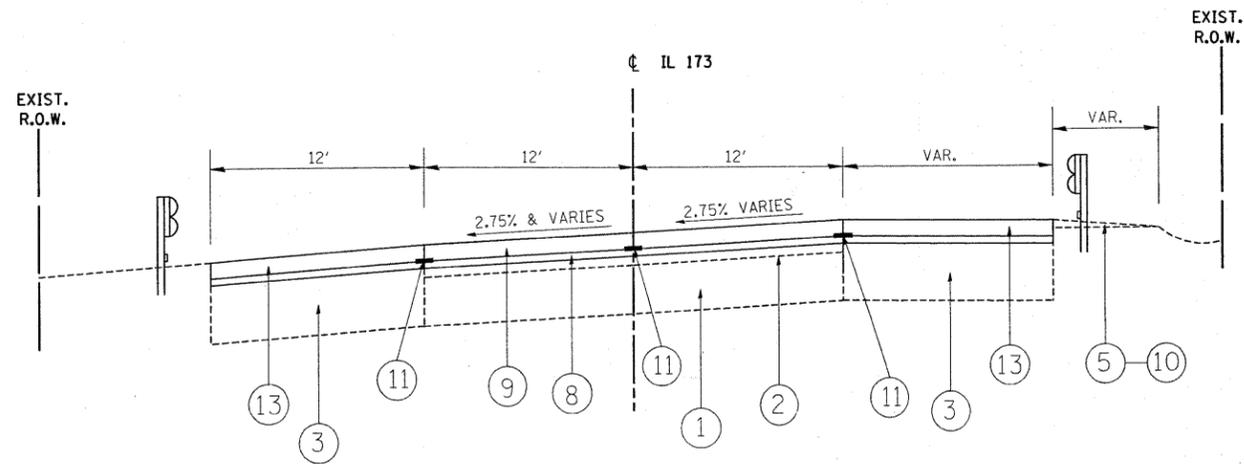


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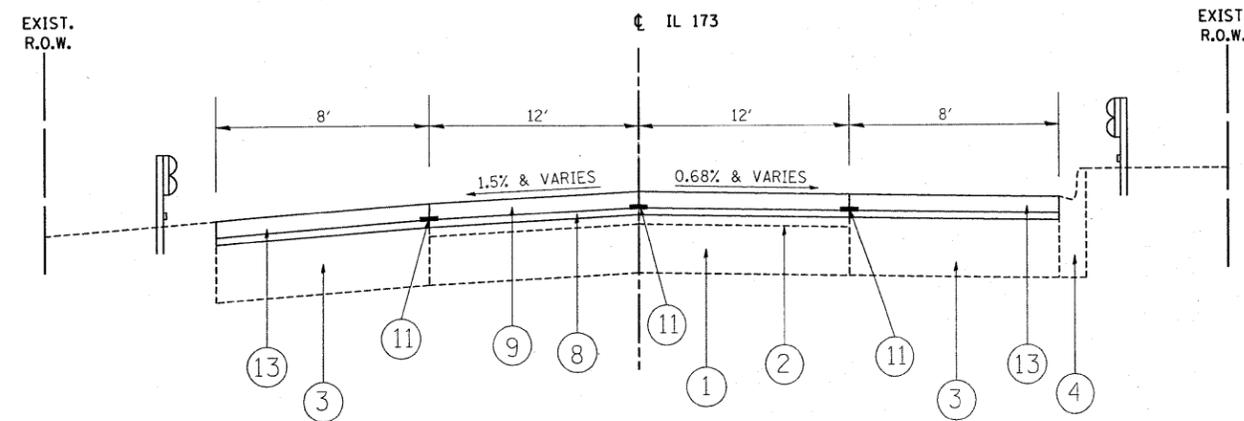
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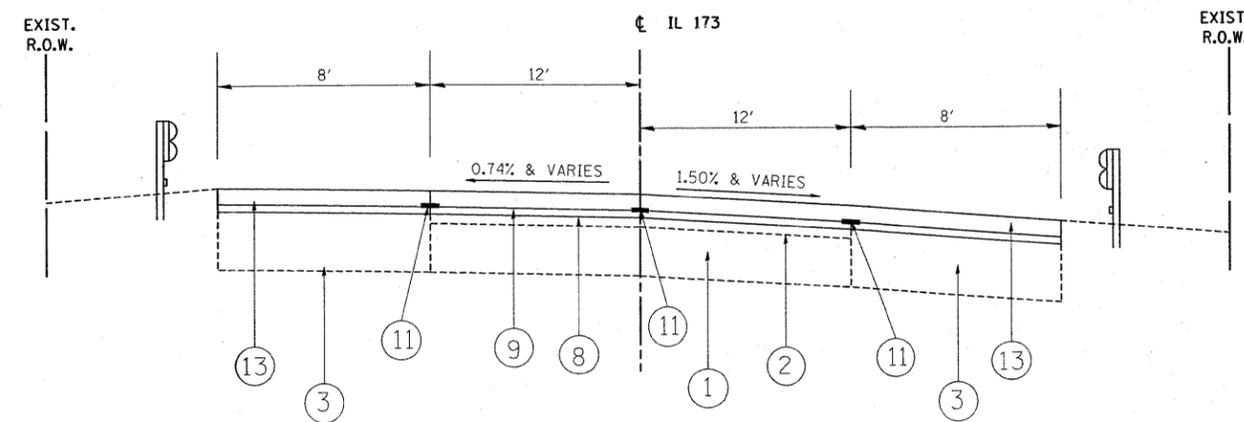
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	DATE -	REVISED -	SCALE: N.T.S.		SHEET NO. 6 OF 25 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION IL 173
STA. 110+00 TO STA. 131+46.5



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 173 (LAKE AVENUE TO ORCHARD STREET)
PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 7 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049-1	LAKE	49	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

TREE REMOVAL SCHEDULE
IL 173 - LEFT SIDE (NORTH)

LOCATION STATION	OFFSETS (FEET)	(6 TO 15 UNIT DIAMETER) (UNITS)	COMMENTS
120 + 25	31	10	
122 + 20	34	10	
122 + 20	34	7	
122 + 20	34	9	
		36	

TREE/WEED CLEARING SCHEDULE
IL 173 - LEFT SIDE (NORTH)

LOCATION STATION	OFFSETS (FEET)	DIA. (UNITS)	COMMENTS
118 + 00			START TREE / WEED CLEARING
123 + 00			END TREE / WEED CLEARING

TREE PRUNING SCHEDULE
IL 173 - LEFT SIDE (NORTH)

LOCATION STATION	OFFSETS (FEET)	DIA. (UNITS)	COMMENTS
121 + 00	30		TRIM 4" BRANCH
126 + 00	41		TRIM @ 39', 11" BRANCH & 7" BRANCH

TREE/WEED CLEARING SCHEDULE
IL 173 - RIGHT SIDE (SOUTH)

LOCATION STATION	OFFSETS (FEET)	DIA. (UNITS)	COMMENTS
96 + 00			START TREE / WEED CLEARING (NO 6" OR LARGER TREES WITHIN 45' OF CL)
108 + 00			END TREE / WEED CLEARING
162 + 54			START TREE / WEED CLEARING
168 + 55			END TREE / WEED CLEARING

TREE REMOVAL SCHEDULE
IL 173 - RIGHT SIDE (SOUTH)

LOCATION STATION	OFFSETS (FEET)	(OVER 15 UNIT DIAMETER) (UNITS)	COMMENTS
165 + 02	33	18	
		18	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	AIR VOIDS (%)
-------------	-------	---------------

MAINLINE RESURFACING

POLYMERIZED HMA SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 IL. 9.5 mm	PG 64-22/58-22	4% @ 70 GYR.

PATCHING

HMA REPLACEMENT OVER PATCHES BINDER IL-19.0 MM 4 1/4"	PG 64-22/58-22	4% @ 90 GYR.
CLASS D PATCH BINDER IL-19.0 MM 8"	PG 64-22/58-22	4% @ 90 GYR.

SHOULDER RESURFACING

HMA SURFACE COURSE, MIX "D", N70	SBS/SBR PG 70-22	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 IL. 9.5 mm	PG 64-22/58-22	4% @ 70 GYR.
HMA BINDER COURSE, IL-19, N70	PG 64-22/58-22	4% @ 70 GYR.

THE UNIT WEIGHT FOR ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS / SQ. YD. / IN

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

NOTE:

AT STATION 96 + 00 TO STATION 123 + 00, TREES ARE ON A SLOPE WITH GOOD GRASS COVER. ALL THE TREES ARE WEEDY AND CAN BE REMOVED WITHOUT REPLACEMENT.

THE REST OF THE AREA SHOULD BE CLEARED AND THE DITCH RESHAPED SEEDED WITH SEEDING, CLASS 2A AND EROSION CONTROL BLANKET AS DIRECTED BY THE ENGINEER.

NO REPLACEMENT TREES ARE REQUIRED FOR REMOVAL OF THESE WEEDY TREES AND BRUSH.

TREE TRUNK PROTECTION SCHEDULE
IL 173 - RIGHT SIDE (SOUTH)

LOCATION STATION	OFFSETS (FEET)	DIA. (UNITS)	COMMENTS
163 + 16	38		7" - OK SAVE - TAG #68
163 + 40	38		11" - OK SAVE - TAG #66

TREE PRUNING SCHEDULE
IL 173 - RIGHT SIDE (SOUTH)

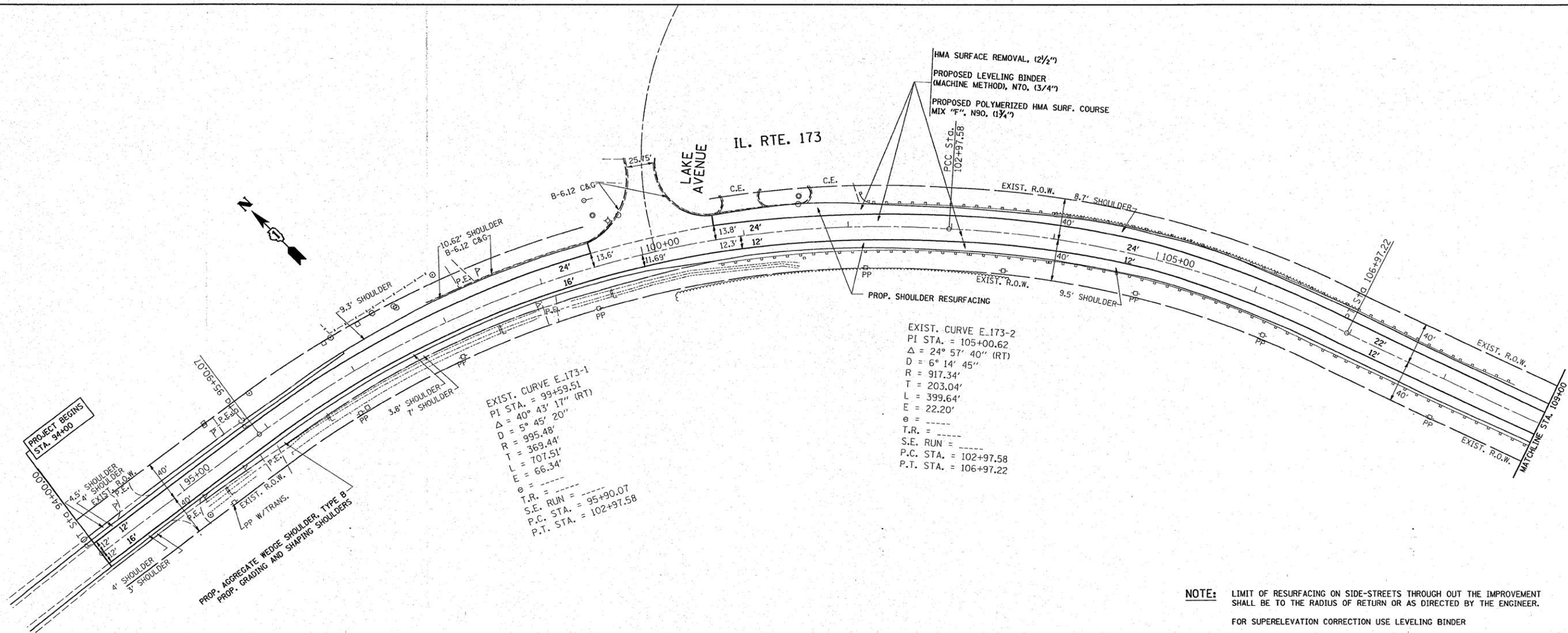
LOCATION STATION	OFFSETS (FEET)	DIA. (UNITS)	COMMENTS
167 + 92	41	9	TAG #49 (AT LEAST TRIM SEVERAL 2" BRANCHES OVER SHOULDER)

TREE REMOVAL SCHEDULE
IL 173 - RIGHT SIDE (SOUTH)

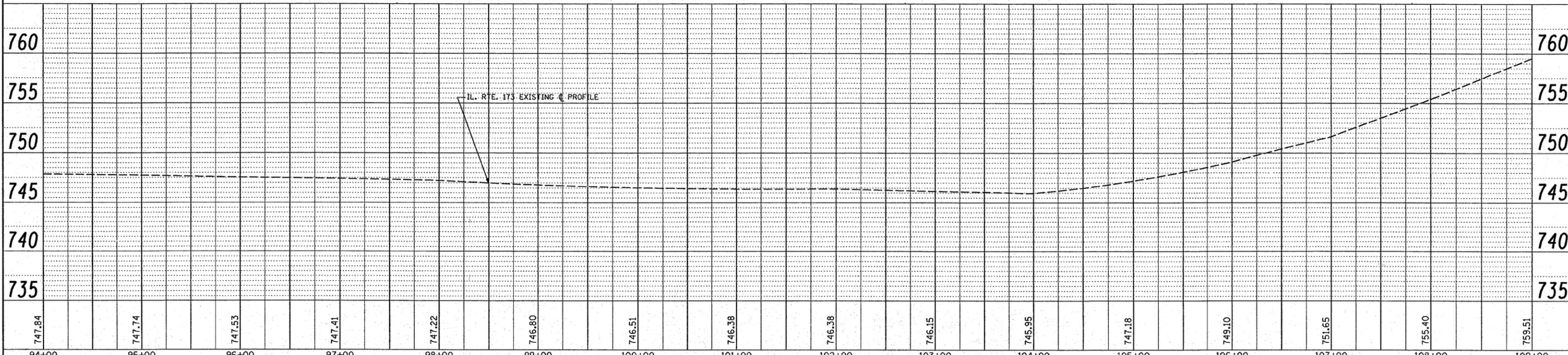
LOCATION STATION	OFFSETS (FEET)	(6 TO 15 UNIT DIAMETER) (UNITS)	COMMENTS
162 + 54	23	10	DEAD
163 + 08	29	11	TAG # 59
163 + 20	38	14	TAG #67
163 + 60	26	8	
163 + 60	26	9	
163 + 60	26	10	
163 + 80	35	6	
163 + 88	34	6	
164 + 06	33	9	
164 + 33	30	6	
164 + 48	32	11	
164 + 52	36	7	
164 + 83	34	9	TAG #61
164 + 97	34	9	
165 + 50	32	7	
165 + 72	35	8	
165 + 82	31	6	
165 + 82	31	13	TAG #358
166 + 36	38	9	
167 + 45	38	12	TAG #51
167 + 55	38	10	TAG #50
168 + 00	36	6	
168 + 05	37	8	
168 + 25	37	6	
168 + 36	37	7	
168 + 37	37	6	
		229	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF		
	CAAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF		
	STRUCTURE NOTATIONS CHKD		
	NO.		



NOTE: LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO THE RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER. FOR SUPERELEVATION CORRECTION USE LEVELING BINDER



747.84	747.74	747.53	747.41	747.22	746.80	746.51	746.38	746.38	746.15	745.95	747.18	749.10	751.65	755.40	759.51
94+00	95+00	96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00

FILE NAME =
 USER NAME = drivakosgn
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 1/31/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

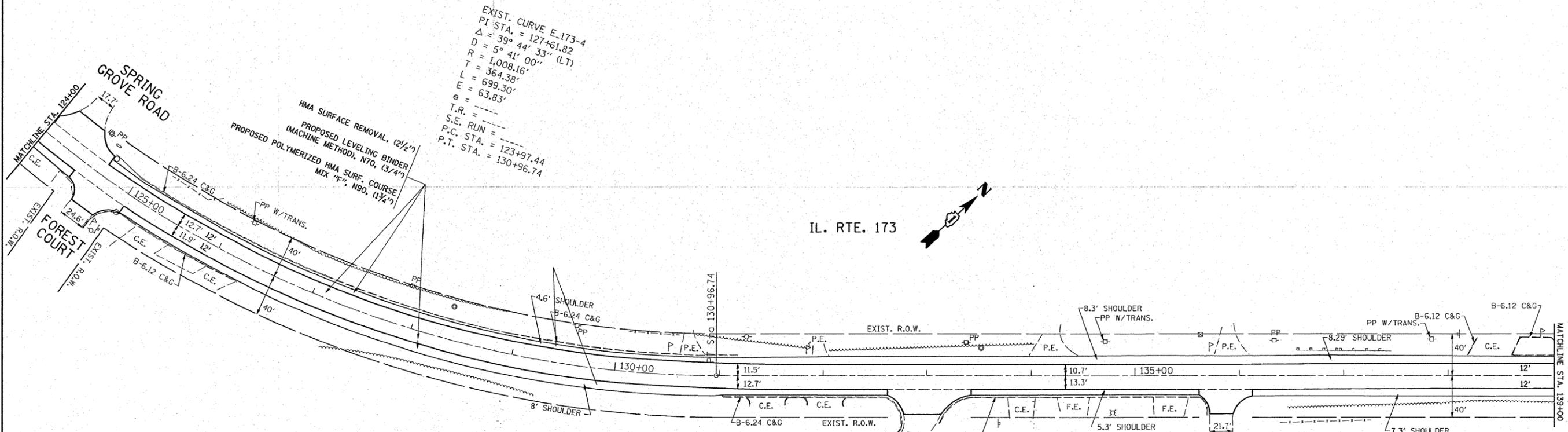
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 173 (FAP 303) (LAKE AVENUE TO ORCHARD STREET)
PLAN AND PROFILE
 SCALE: 50H/5V:1" SHEET NO. OF SHEETS STA. 94+00 TO STA. 109+00

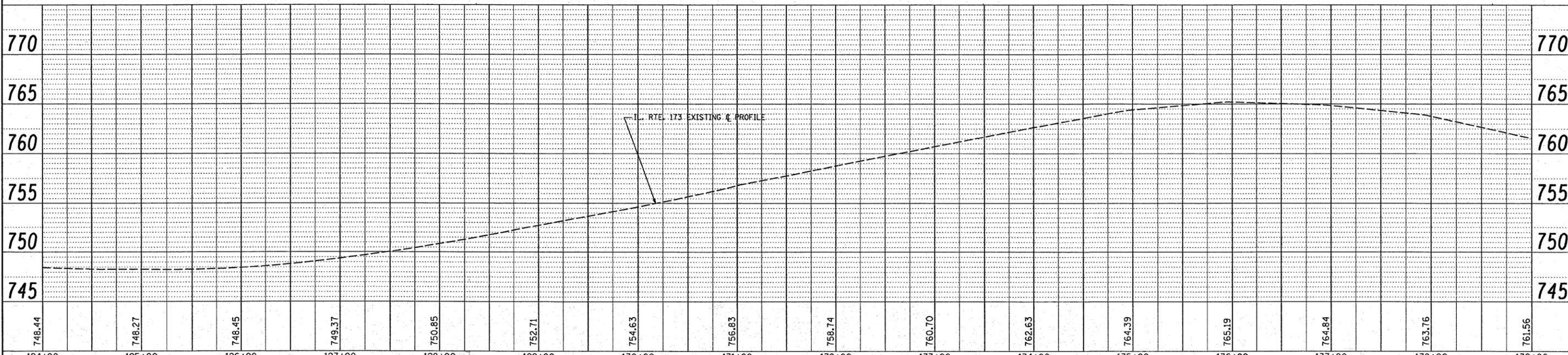
F.A.P. RTE. 303	SECTION 049-1	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 9
2007		CONTRACT NO. 60D39		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISIONS	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISIONS	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



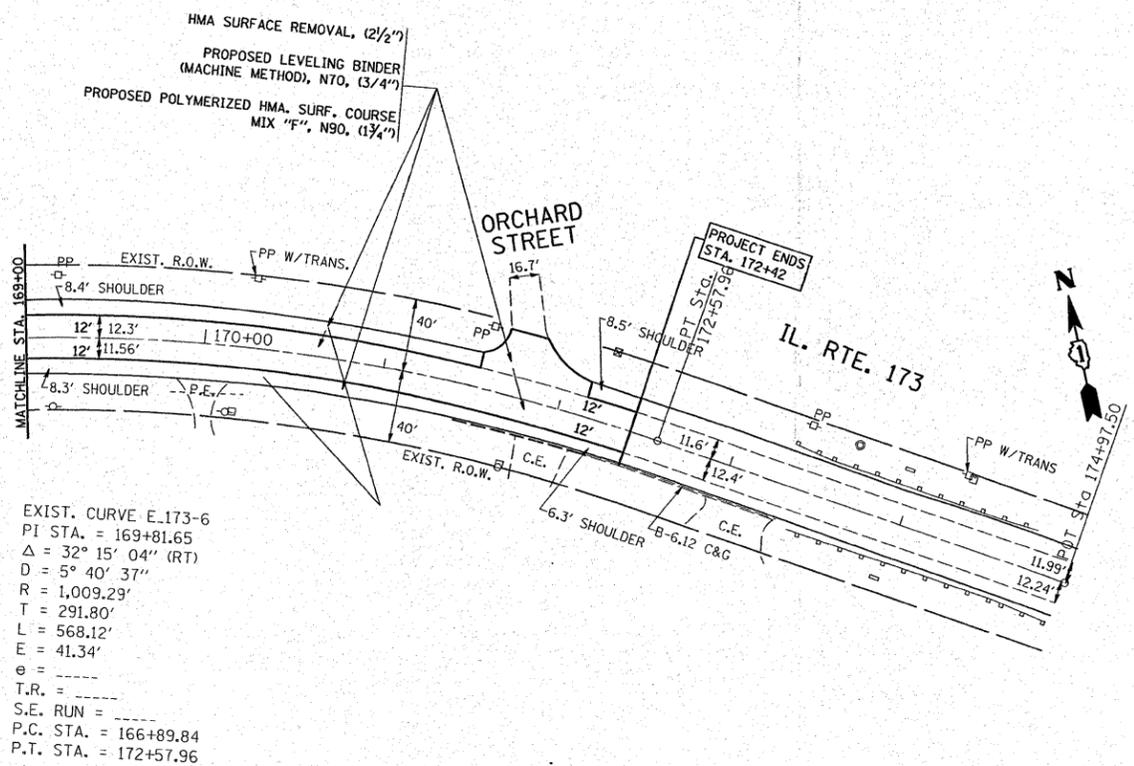
NOTE: LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO THE RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.
FOR SUPERELEVATION CORRECTION USE LEVELING BINDER



FILE NAME =	USER NAME = dr1vakoegn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. RTE. 173 (FAP 303) (LAKE AVENUE TO ORCHARD STREET) PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\projects\dl01108\sh_rdwj.dgn		DRAWN -	REVISED -			303	049-1	LAKE	49	11
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			2007				
	PLOT DATE = 1/31/2008	DATE -	REVISED -			SCALE: 50H/5V:1" SHEET NO. OF SHEETS STA. 124+00 TO STA. 139+00 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

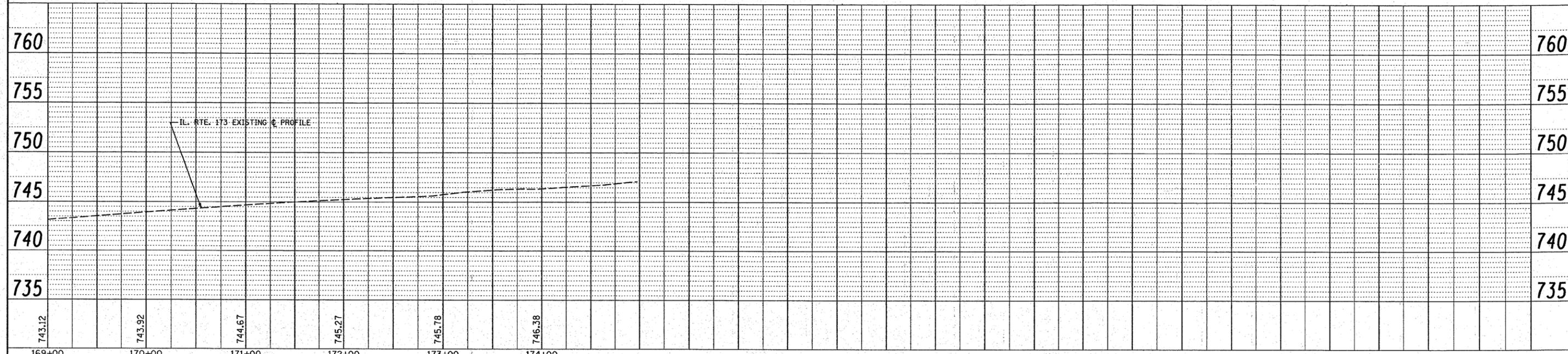
DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

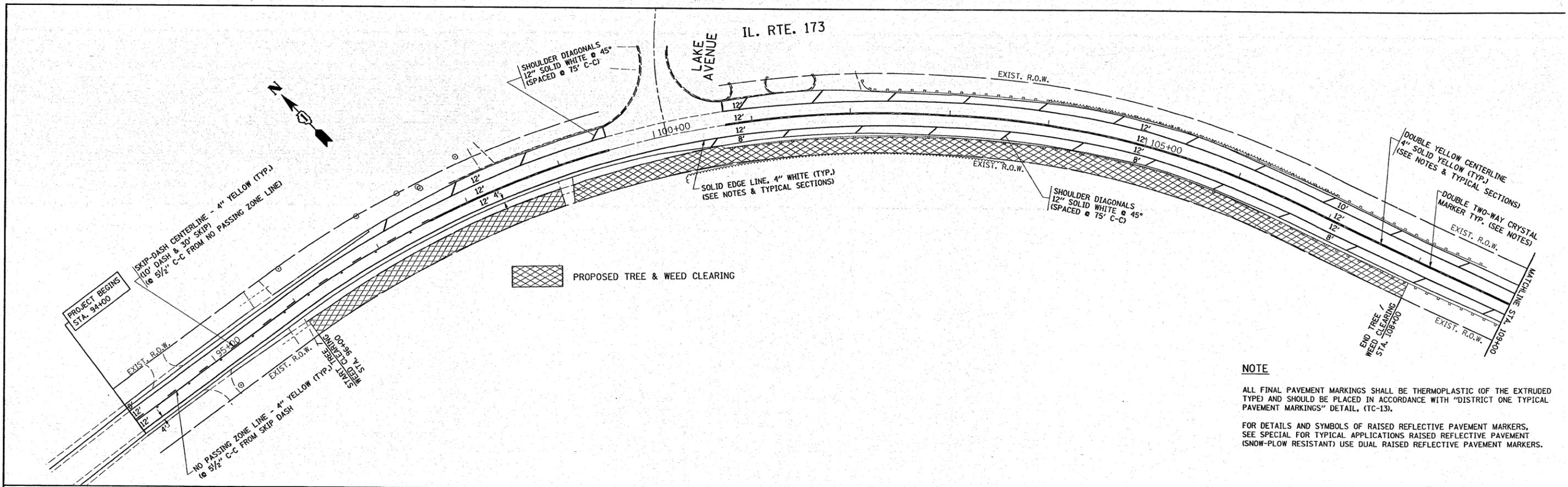


EXIST. CURVE E.173-6
 PI STA. = 169+81.65
 $\Delta = 32^\circ 15' 04''$ (RT)
 $D = 5^\circ 40' 37''$
 $R = 1,009.29'$
 $T = 291.80'$
 $L = 568.12'$
 $E = 41.34'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 166+89.84$
 $P.T. STA. = 172+57.96$

NOTE: LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO THE RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.
 FOR SUPERELEVATION CORRECTION USE LEVELING BINDER



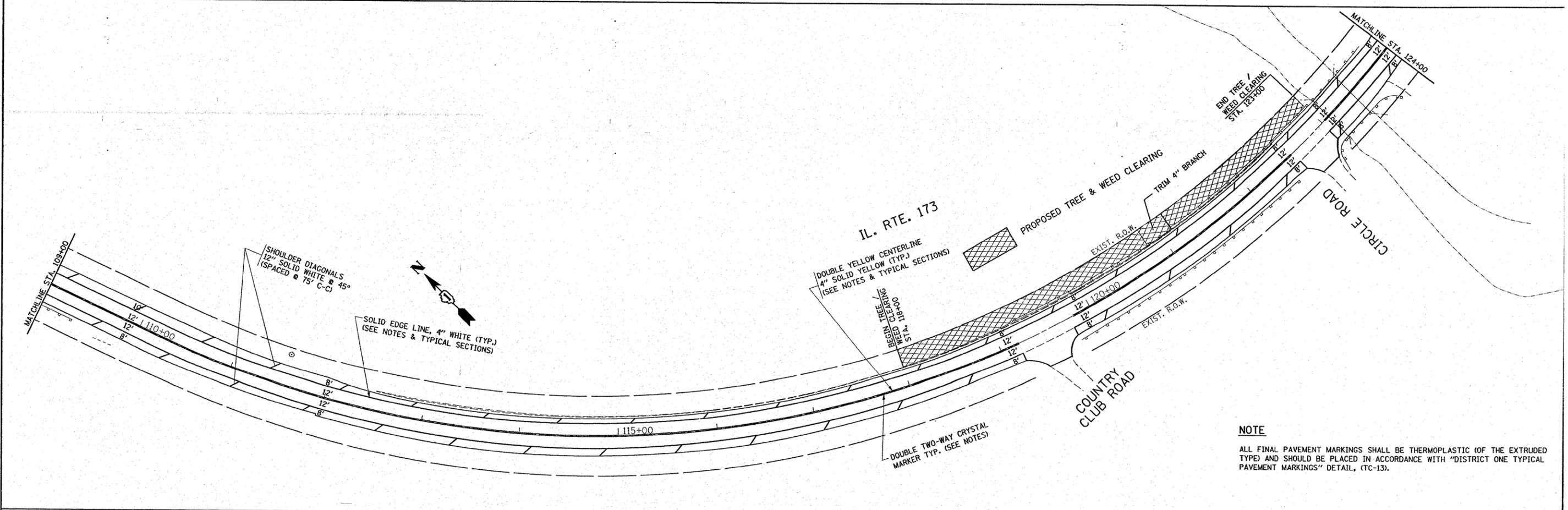
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE: 50H/5V=1"			SHEET NO. OF SHEETS	STA. 169+00 TO STA. 181+82.69	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60D39	
PLOT DATE = 1/31/2008	DATE -	REVISED -									



NOTE

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

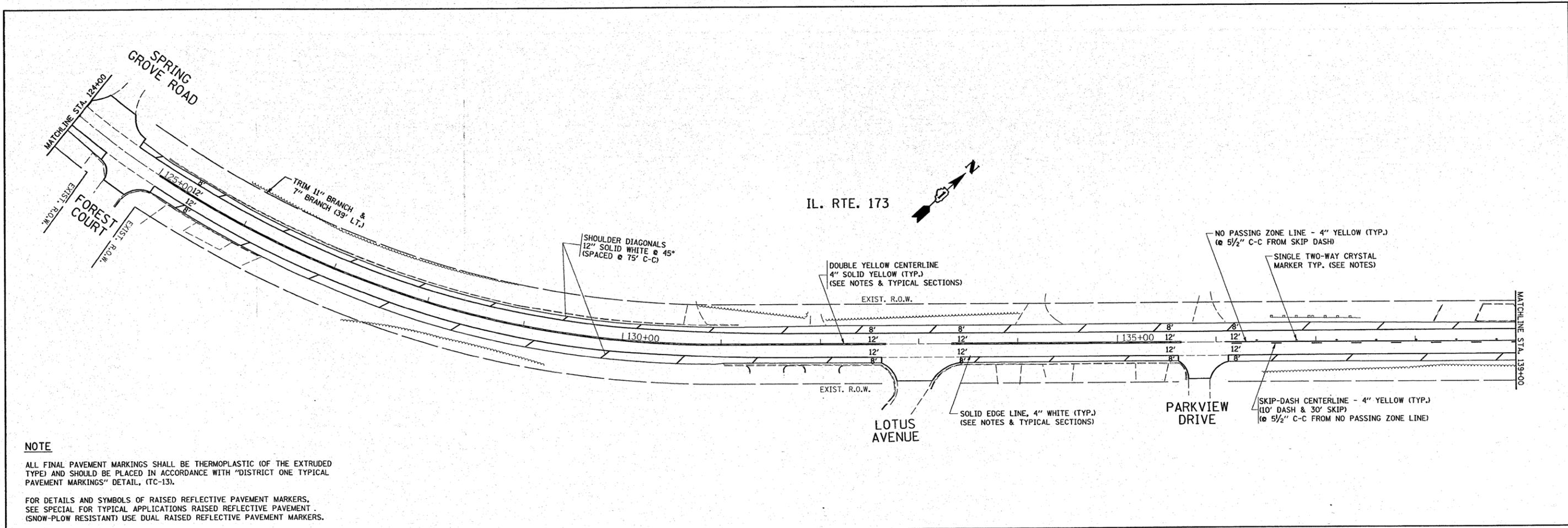
FOR DETAILS AND SYMBOLS OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE SPECIAL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT (SNOW-FLOW RESISTANT) USE DUAL RAISED REFLECTIVE PAVEMENT MARKERS.



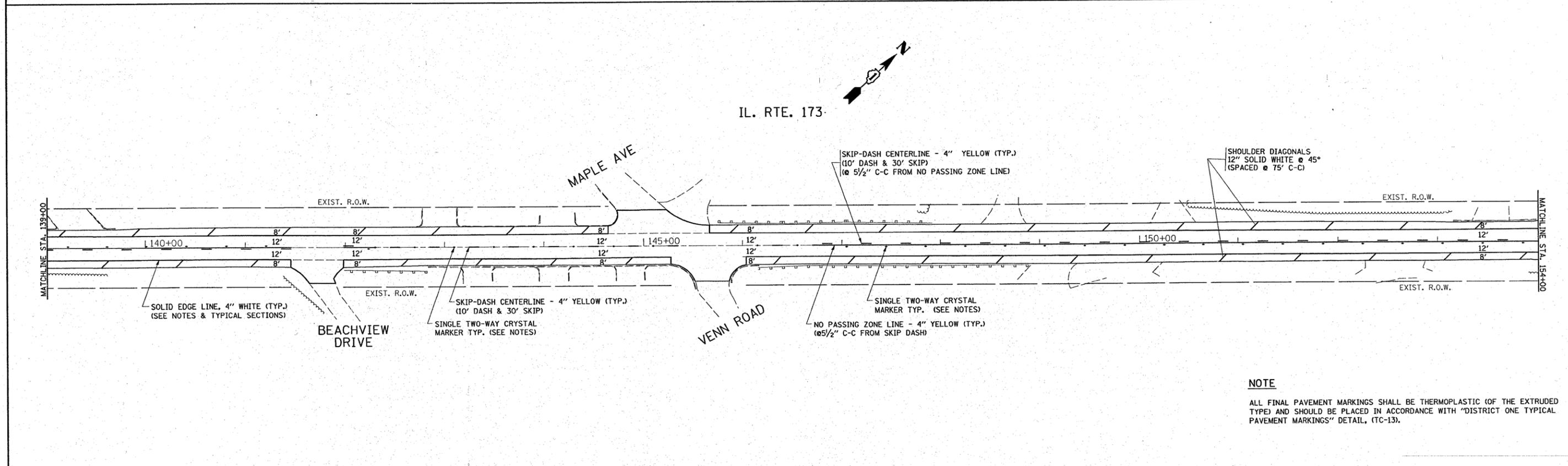
NOTE

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	303			049-1	LAKE	42	15	
PLOT DATE = 1/31/2008	DATE -	REVISED -	2007			CONTRACT NO. 60D39				
					SCALE: 1"=50'	SHEET NO. 8 OF 25 SHEETS		STA. 94+00	TO STA. 124+00	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										

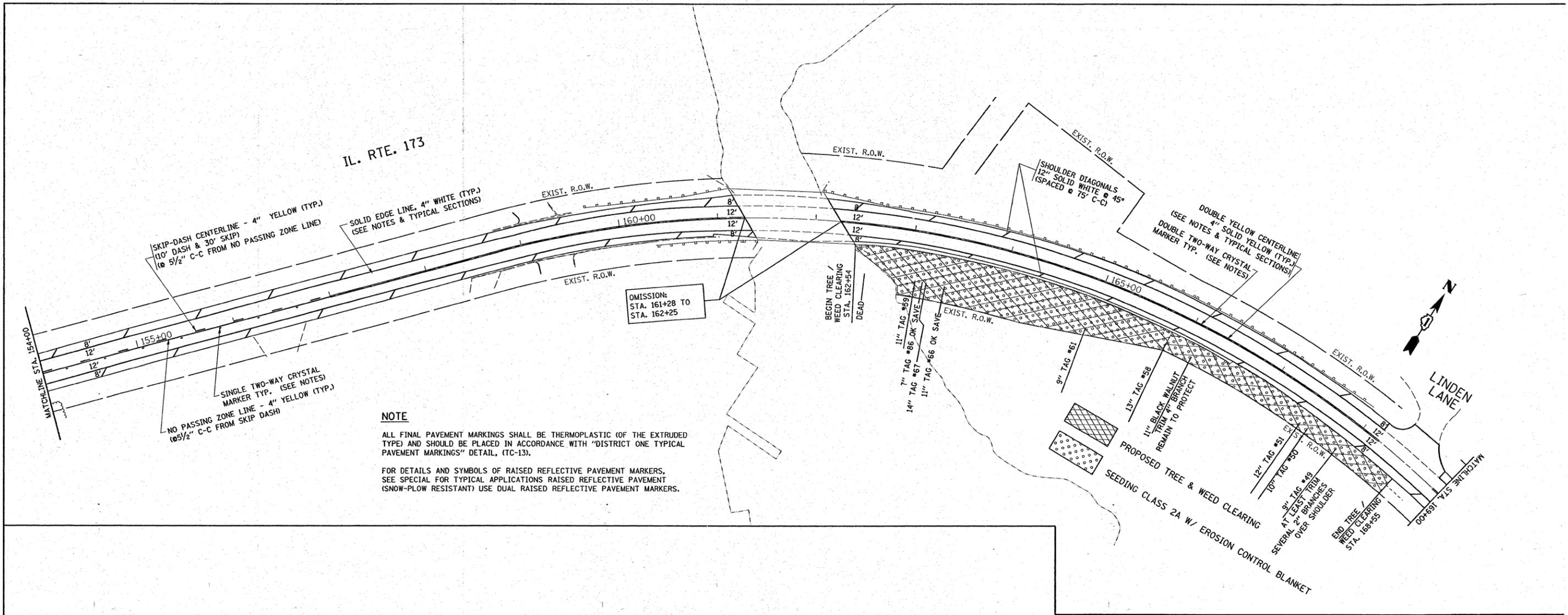


NOTE
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).
 FOR DETAILS AND SYMBOLS OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE SPECIAL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT. (SNOW-PLOW RESISTANT) USE DUAL RAISED REFLECTIVE PAVEMENT MARKERS.

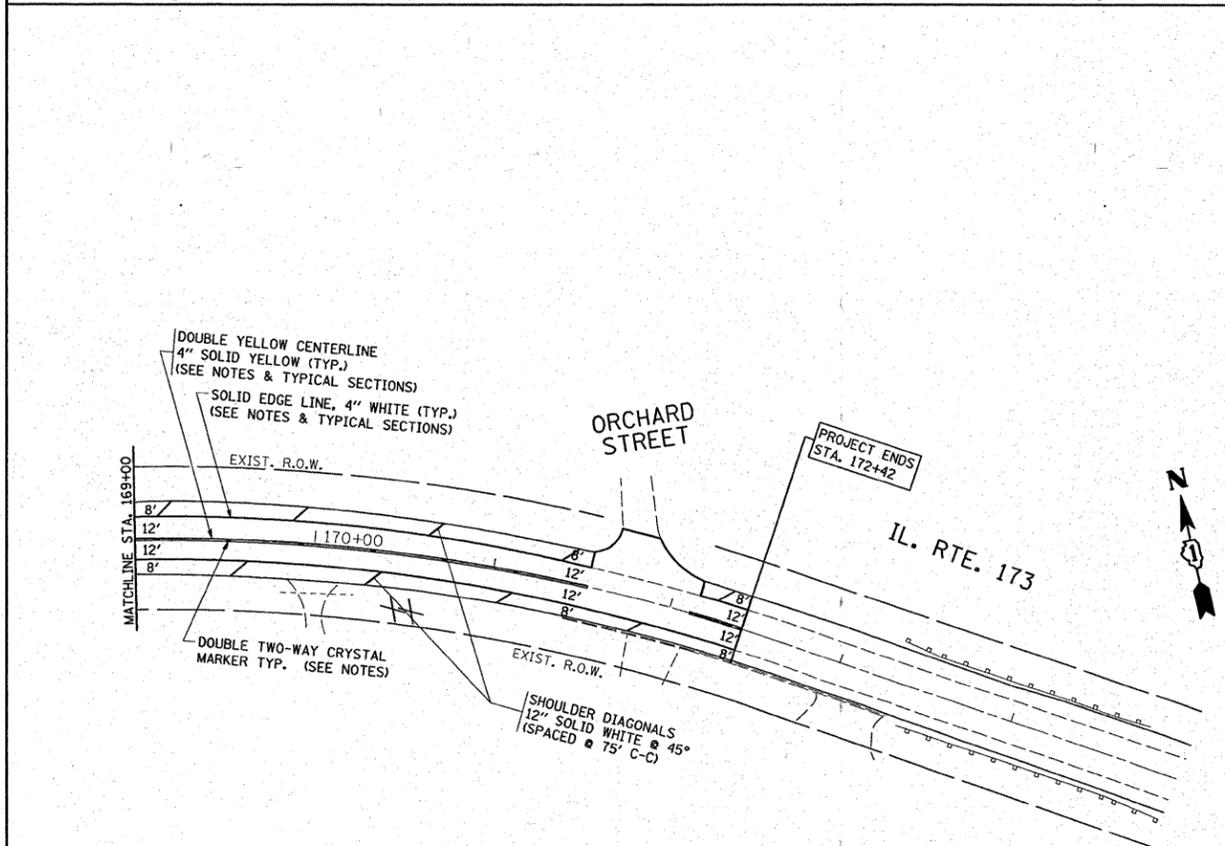


NOTE
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	303			049-1	LAKE	48	16	
PLOT DATE = 1/31/2008	DATE -	REVISED -	2007			CONTRACT NO. 60D39				
						SCALE: 1"=50'	SHEET NO. 9 OF 25 SHEETS		STA. 124+00 TO STA. 154+00	



NOTE
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).
 FOR DETAILS AND SYMBOLS OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE SPECIAL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT (SNOW-PLow RESISTANT) USE DUAL RAISED REFLECTIVE PAVEMENT MARKERS.



NOTE
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

FILE NAME =
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 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 1/31/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 173 (LAKE AVENUE TO ORCHARD STREET)
 PAVEMENT MARKING AND LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. 10 OF 25 SHEETS STA. 154+00 TO STA. 174+97.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	049-1	LAKE	49	17
			CONTRACT NO. 60D39	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY
81018500	CONDUIT PUSHED 2" DIA., GALVANIZED STEEL	FOOT	100
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 143C	FOOT	14.5
X8050015	SERVICE INSTALLATION POLE MOUNT	EACH	1
X0324713	POST MOUNTED FLASHING BEACON	EACH	1

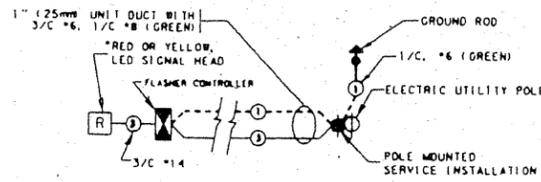
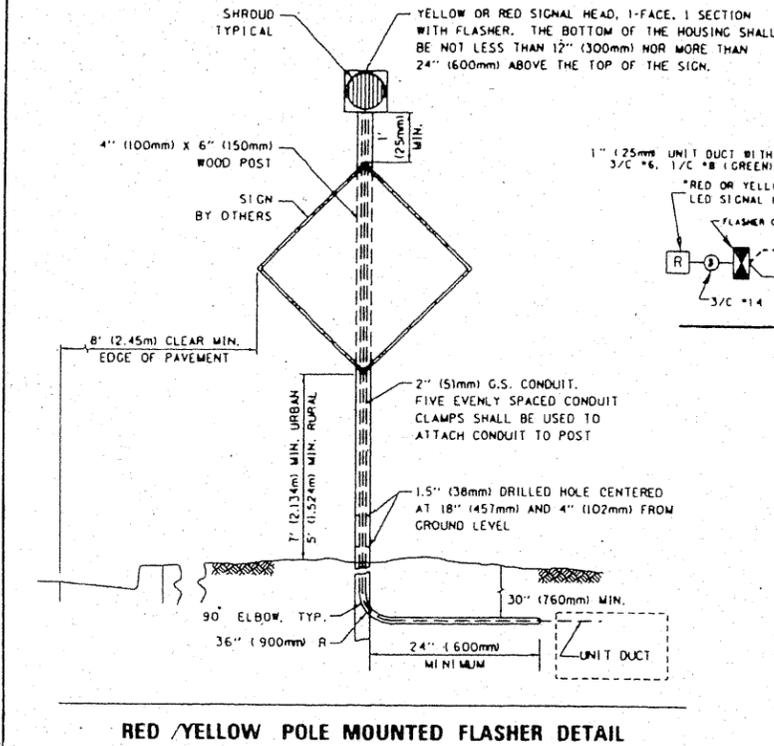
FLASHER SIGNAL LEGEND

	PROPOSED	EXISTING
SERVICE INSTALLATION		
12" SIGNAL HEAD (LED)		
WOOD POST, 4" x 6"		
CONDUIT IN GROUND OR UNIT DUCT IN TRENCH		
HANDHOLE		
HEAVY-DUTY HANDHOLE		
ELECTRICAL POLE		
GROUND ROD		
SIGNAL FACE WITH BACKPLATE		
JUNCTION BOX - STAINLESS STEEL		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	49	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

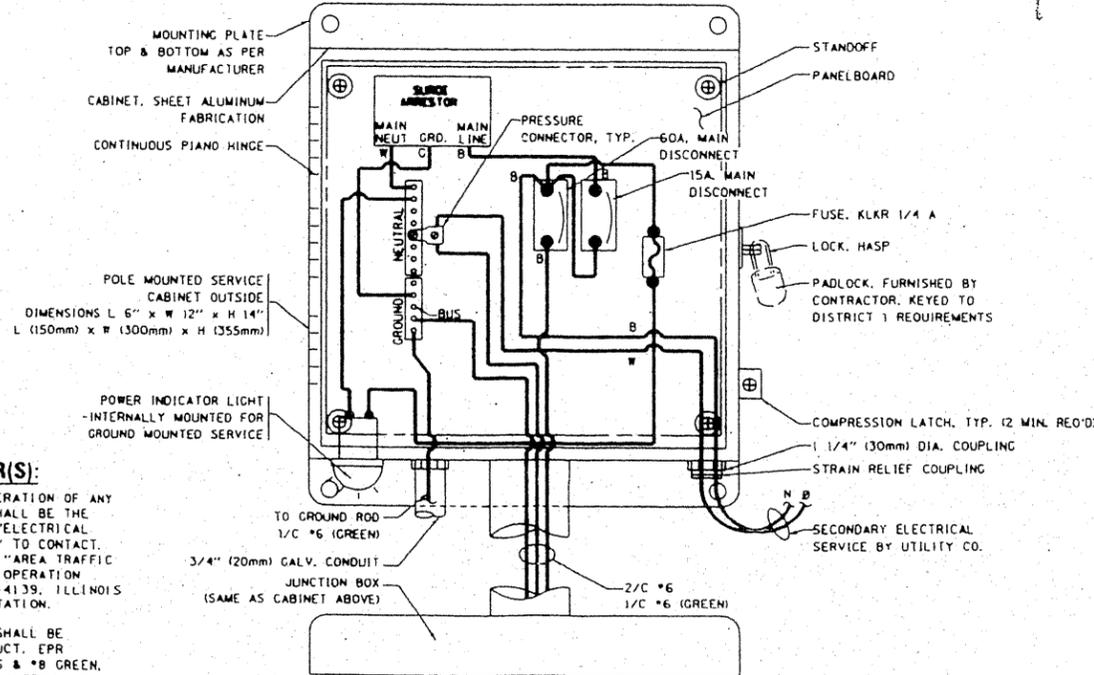
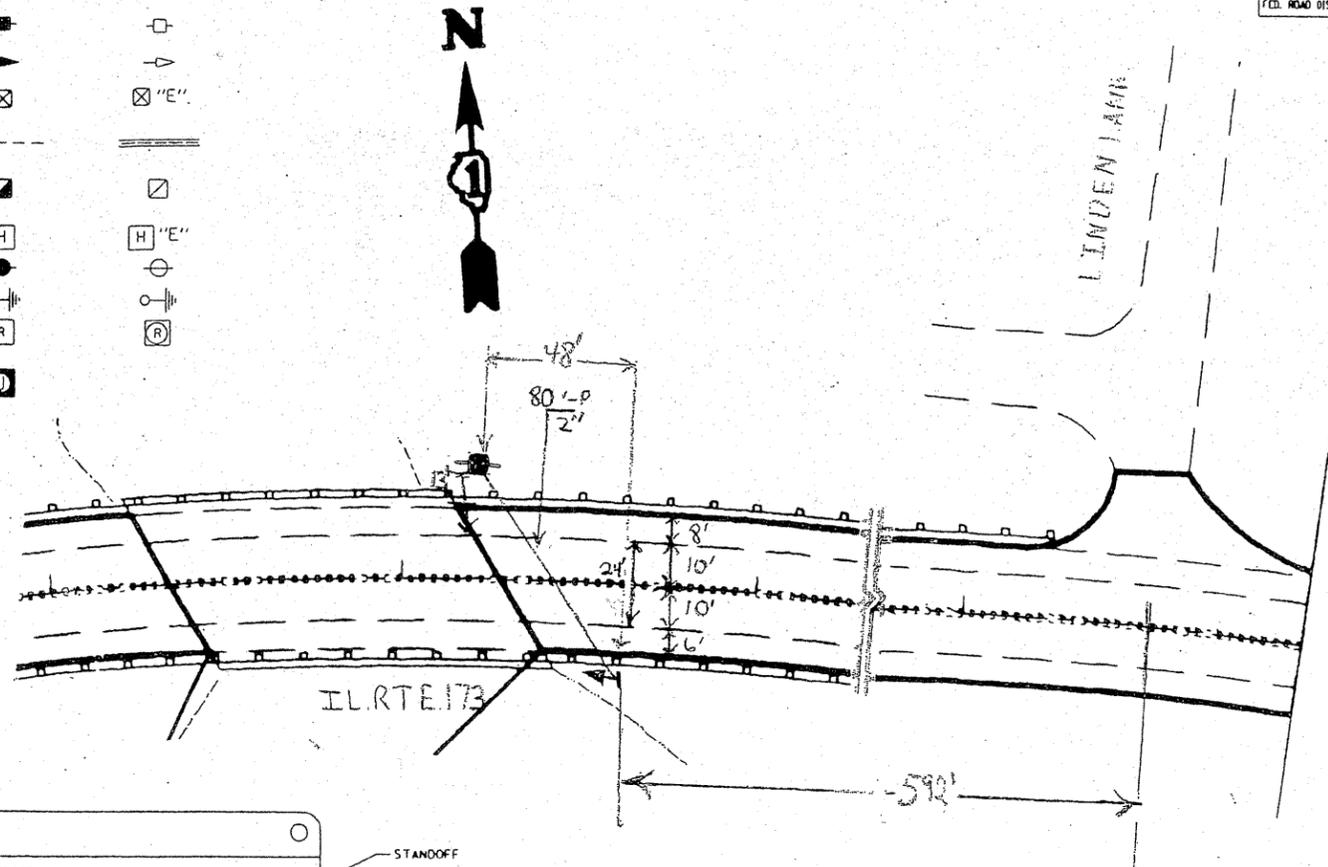
NOTE FOR SERVICE INSTALLATION(S):

- A. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
- B. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



TYPICAL CABLE PLAN

- YELLOW FLASHER - MOUNTED IN ADVANCE OF INTERSECTION
- RED FLASHER - MOUNTED AT INTERSECTION



POLE MOUNTED SERVICE WIRING DIAGRAM

NOTE FOR FLASHER(S):

- PRIOR TO INITIATING OPERATION OF ANY FLASHER LOCATION, IT SHALL BE THE RESPONSIBILITY OF THE "ELECTRICAL MAINTENANCE CONTRACTOR" TO CONTACT, 48 HRS IN ADVANCE, THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATION ENGINEER" AT (847) 705-4139, ILLINOIS DEPARTMENT OF TRANSPORTATION.
- EACH FLASHER CIRCUIT, SHALL BE INSTALLED USING UNIT DUCT, EPR INSULATED CABLES 3/C #6 & #8 GREEN, 1 INCH. THE CABLES SHALL TERMINATE AT SEPARATE BUS TERMINALS IN THE JUNCTION BOX SHOWN. THE SPARE 1/C #6, 1-EACH CIRCUIT, SHALL BE SPLICED TOGETHER AND TAPED.

NOTE FOR SERVICE INSTALLATION(S):

- A. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
- B. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE	% OPERATION	
FLASHER (LED) YELLOW	1	25	0.50	12.5
ENERGY COSTS TO:			TOTAL=	12.5

Illinois Department of Transportation
 Division of Highways / District 1
 201 West Center Court
 Schaumburg, Illinois 60196-1096

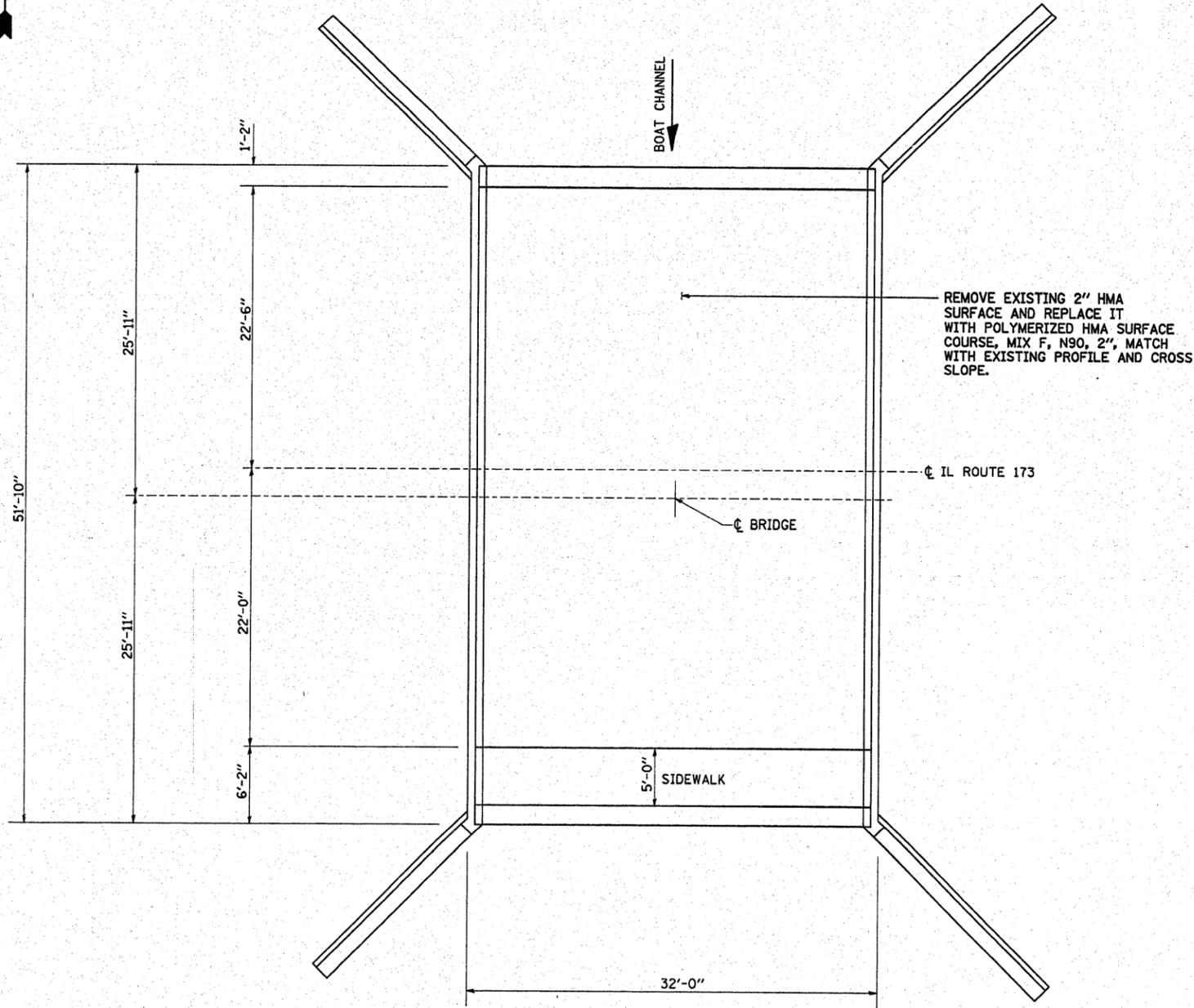
ENERGY SUPPLY CONTACT: BRAIN HAVICK
 PHONE: 847-RIL-5324
 COMPANY: COMM. ED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FLASHER INSTALLATION
 ILL. RTE. 173 @ LINDEN LANE

SCALE: VERT. NONE
 HORIZ. NONE
 DATE: SEPT 2007

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:



PLAN

SCOPE OF WORK:

1. REMOVE HOT-MIX ASPHALT SURFACE, 2".
2. OVERLAY POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2".

GENERAL NOTES:

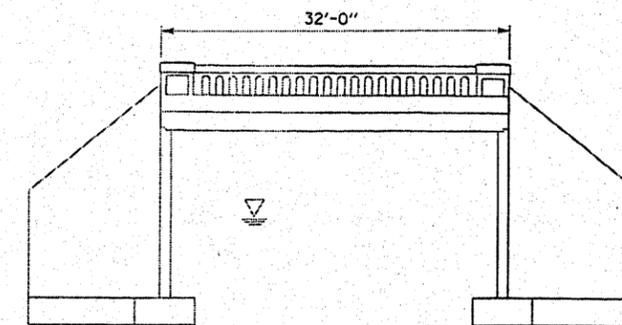
1. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.
2. DO NOT USE VIBRATORY ROLLERS FOR HMA COMPACTION.
3. AT ANY TIME, CONSTRUCTION RELATED LOADING SHALL NOT EXCEED BRIDGE RATING OR LOADING AS DIRECTED BY THE ENGINEER.
4. DO NOT SCALE DIMENSIONS.

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
HOT-MIX ASPHALT SURFACE REMOVAL, 2".	SQ. YD.	184
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2".	TON	21

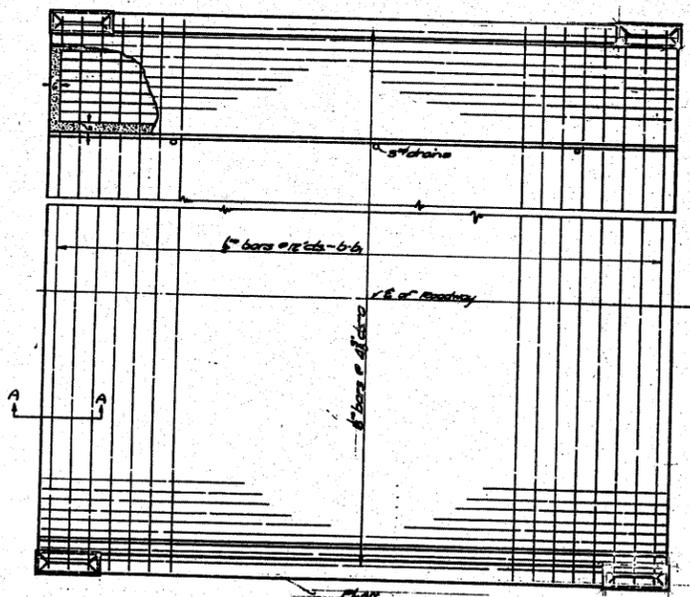
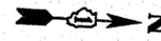
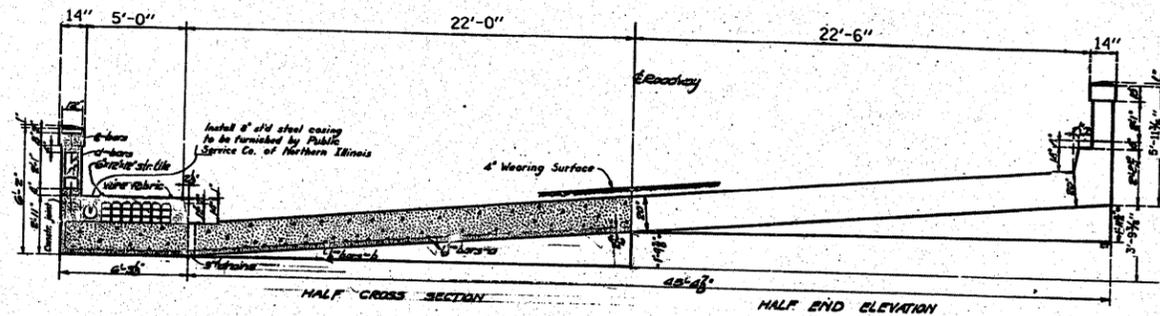
TRAFFIC DATA

ADT
 YEAR 2005 = 13,600
 YEAR 2021 = 16,200
 POSTED SPEED LIMIT = 40 MPH

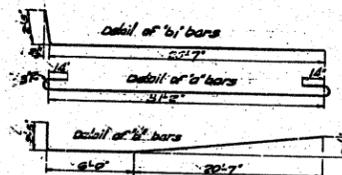
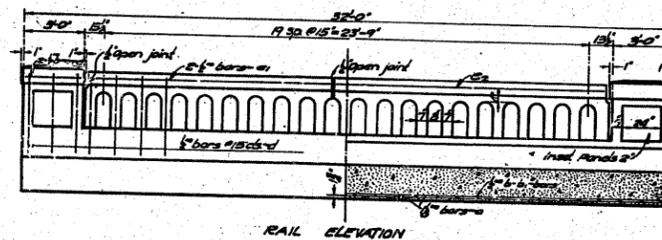


EXISTING ELEVATION VIEW

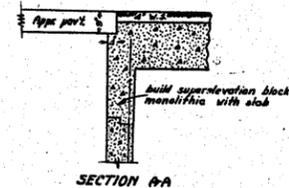
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PLDT SCALE = 50.0000' / IN.	CHECKED - RSS	DATE - SEPTEMBER, 2007	REVISED - REVISED -			SCALE: NONE		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.	
PLDT DATE = 9/14/2007	DATE - SEPTEMBER, 2007	REVISED - REVISED -	FED. ROAD DIST. NO.			ILLINOIS		FED. AID PROJECT		CONTRACT NO. 60D39	



COMPUTED	- P.P.P.	EXAMINED	- S.P.
CHECKED	- P. Michener	DRAWN	- J.F. Burrell
DRAWN	- P.P.P.	CHECKED	- R.M.
CHECKED	- R.M.	APPROVED	- [Signature]
APPROVED	- [Signature]		



Notes:
 Use class X conc. throughout.
 Wire fabric, minimum weight 42# per 100 sq. ft. 1/2" gauge wire spaced 6" each way.



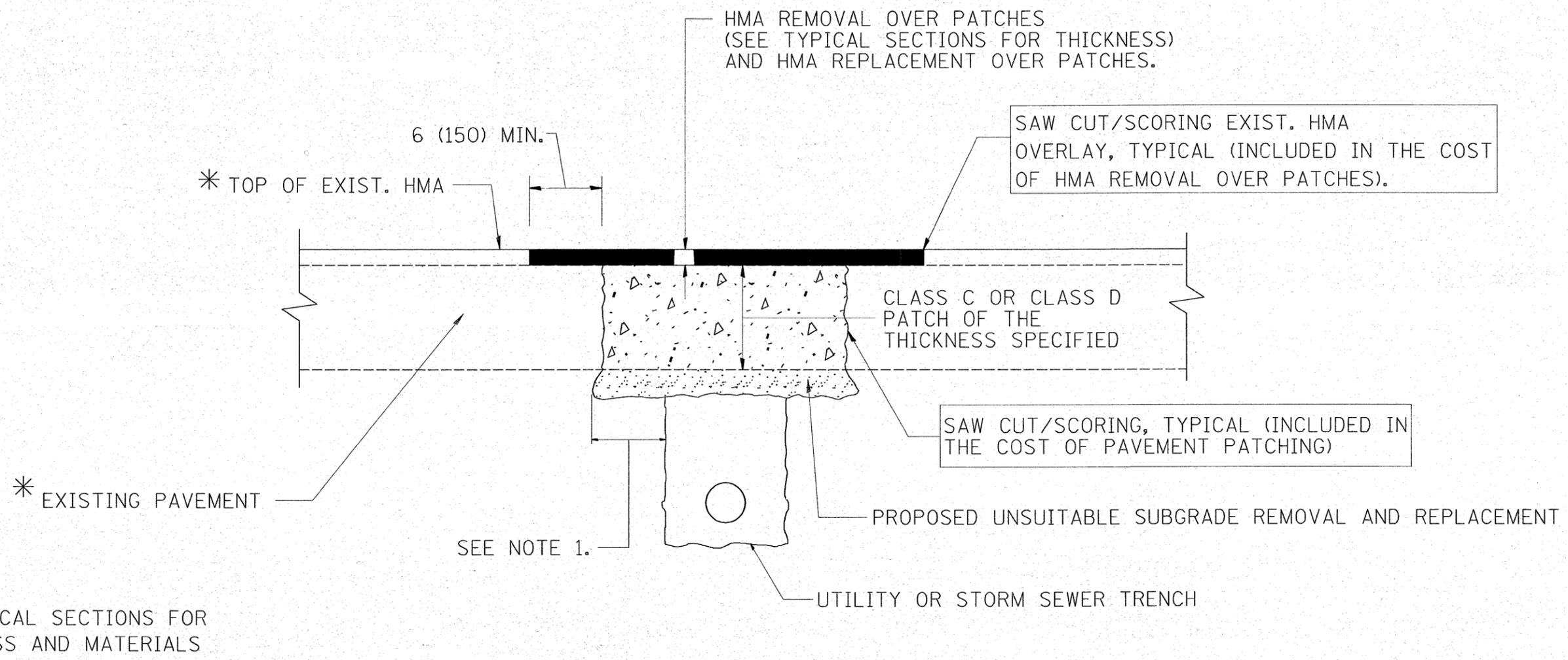
BAR	No.	Size	Length
a	132	1/2"	28'-0"
b	18	1/2"	28'-0"
c	24	1/2"	21'-0"
d	2	1/2"	31'-0"
e	4	1/2"	21'-0"
f	2	1/2"	21'-0"

Reinforcing Steel - Lea 28710
 Concrete - 4000
 Cast-in-place concrete - 1113
 Wire Fabric - S.P.P. 12.0
 Structural Tile - S.P.P. 12.15

S&I ROUTE 173 - SEC. 134-B
 LAKE COUNTY
 STA. 430+42.1

FOR INFORMATION ONLY

FILE NAME = c:\projects\struc1\049-0055.dgn	USER NAME = tiniakosmv	DESIGNED - DRAWN - MVT	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLANS IL 173 OVER BOAT CHANNEL S.N. 049-0055	F.A.P. RTE. 303	SECTION 200-049 I	COUNTY LAKE	TOTAL SHEETS 43	SHEET NO. 20		
PLOT SCALE = 50.0000' / IN.	CHECKED - RSS	REVISED -	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60D39		
PLOT DATE = 9/14/2007	DATE - SEPTEMBER, 2007	REVISED -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = \\distintfs2\users\galbannb\Desktop\bd2.dgn	USER NAME = galbannb	DESIGNED - R. SHAH	REVISED - A. ABBAS 01-20-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 21
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISOR - R. BORO 01-01-07	REVISED - A. ABBAS 04-27-98		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 60D39		
PLOT DATE = 2/20/2008	DATE - 10-25-94	REVISOR - R. BORO 09-04-07	REVISED - R. BORO 01-01-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

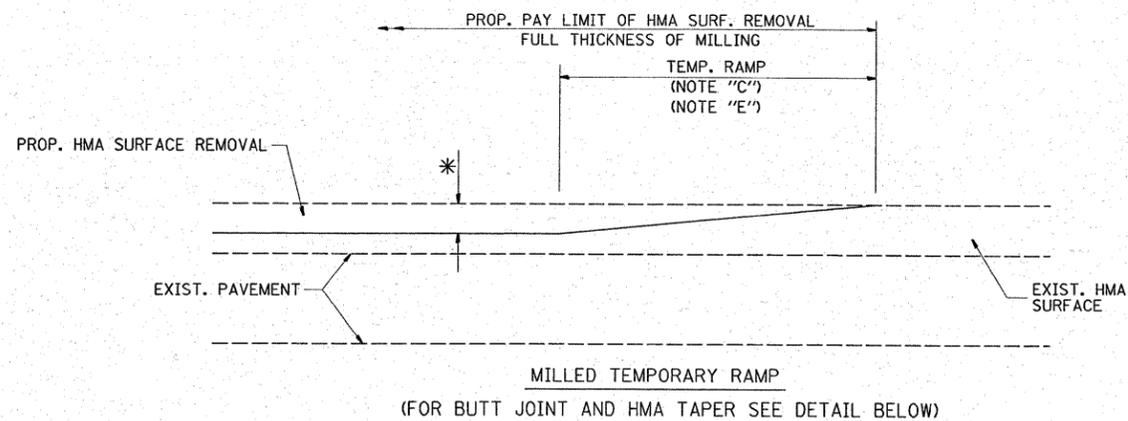
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

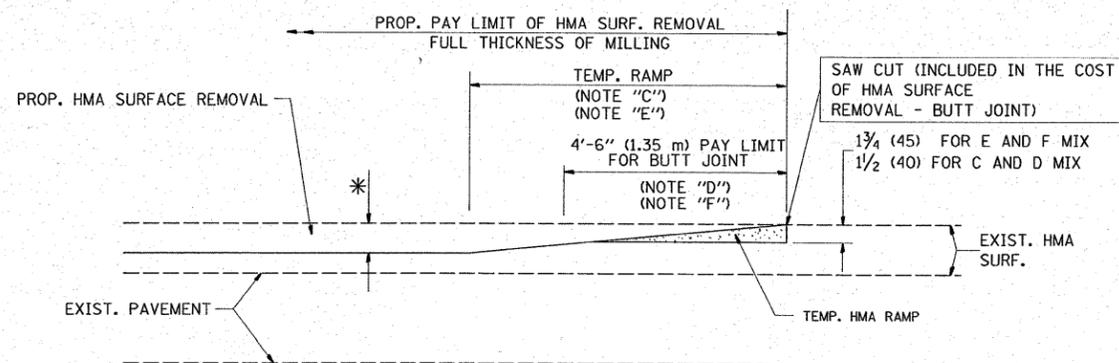
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = \\dist\ntf2\users\galbannb\Desk\top\bd2.dgn	USER NAME = galbannb	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 22
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISOR - A. ABBAS 03-21-97	REVISOR - M. GOMEZ 01-22-01		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-06 (BD-24)		CONTRACT NO. 60D39	
PLOT DATE = 2/28/2008	DATE - 03-11-94	REVISOR - R. BORO 01-01-07			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



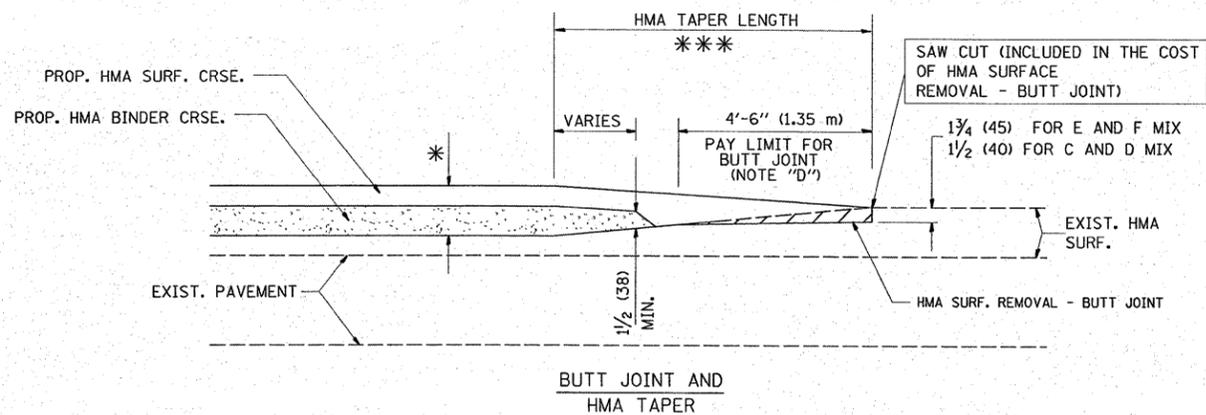
OPTION 1



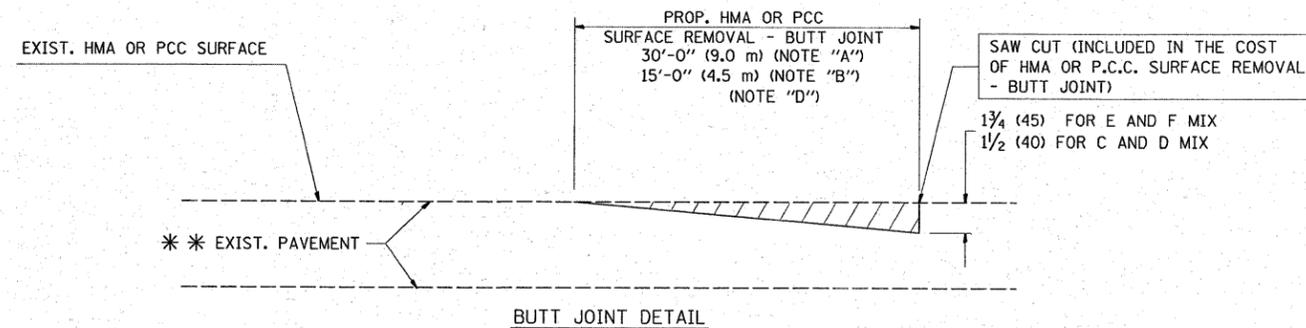
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

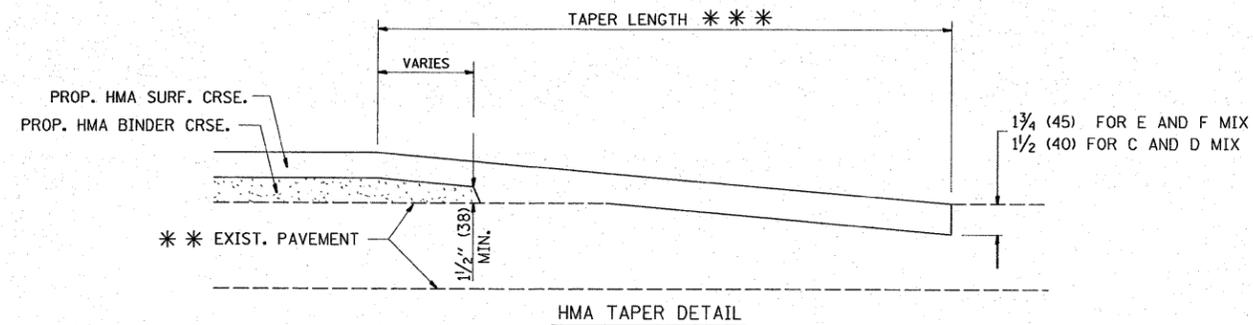
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

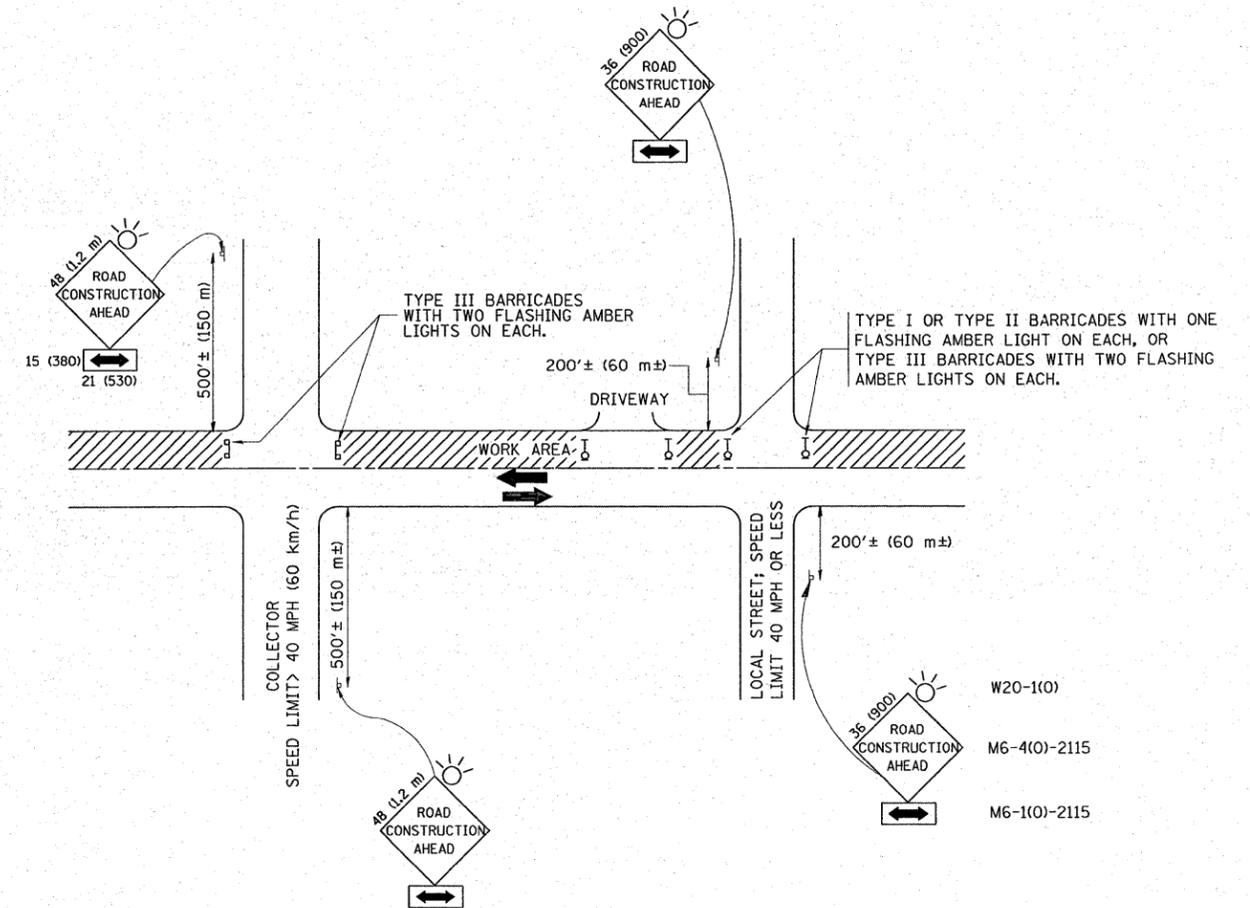
FILE NAME =	USER NAME = galbannb	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
\\dist\ntfs2\users\galbannb\Desk top\bd3.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 2/20/2008		DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	43	23
BD400-05 BD32			CONTRACT NO. 60D39	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (Inches) unless otherwise shown.

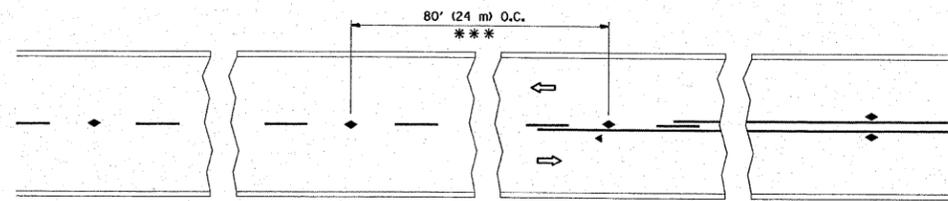
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	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 2/20/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

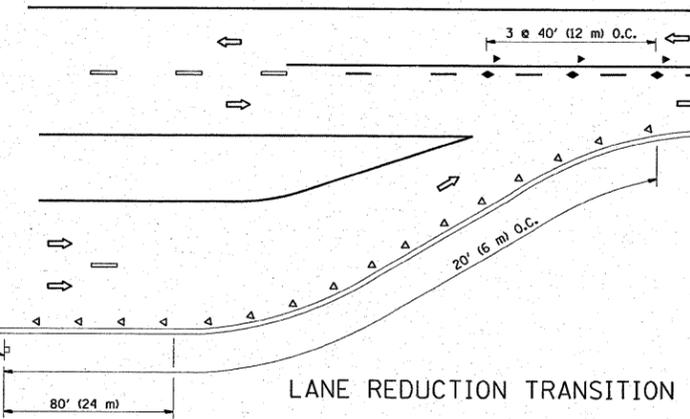
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	40	24
TC-10		CONTRACT NO. 60D39		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

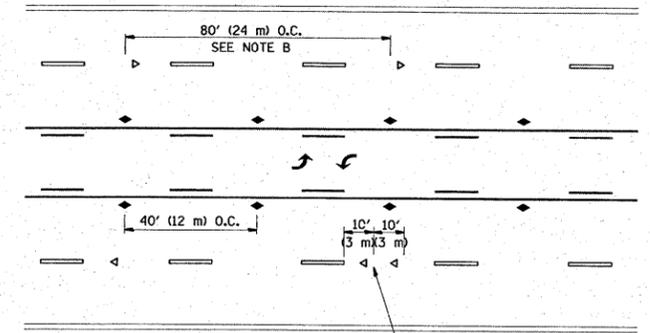


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

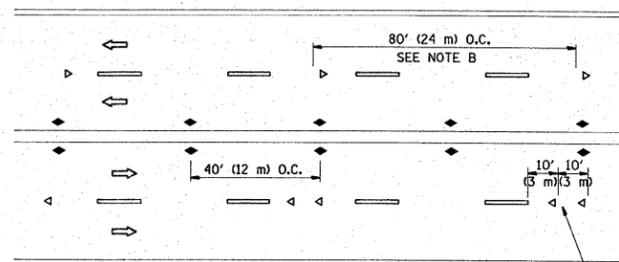


LANE REDUCTION TRANSITION



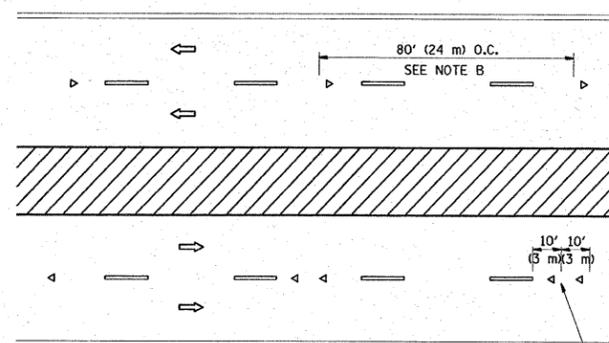
SEE NOTE A

TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

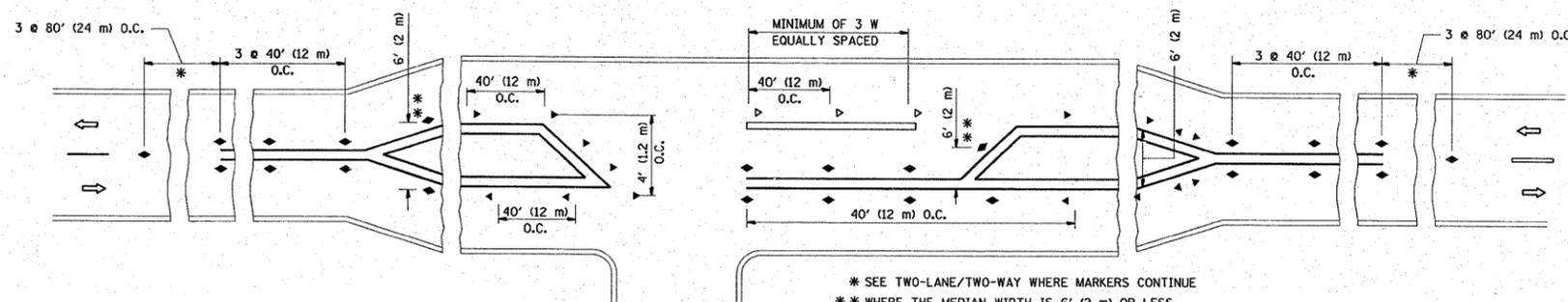
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

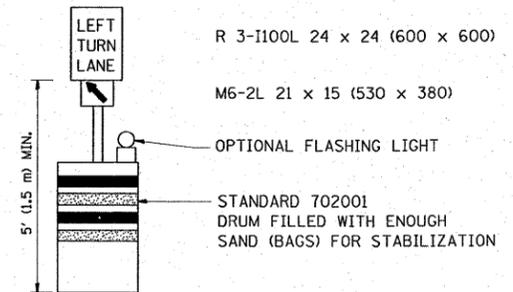
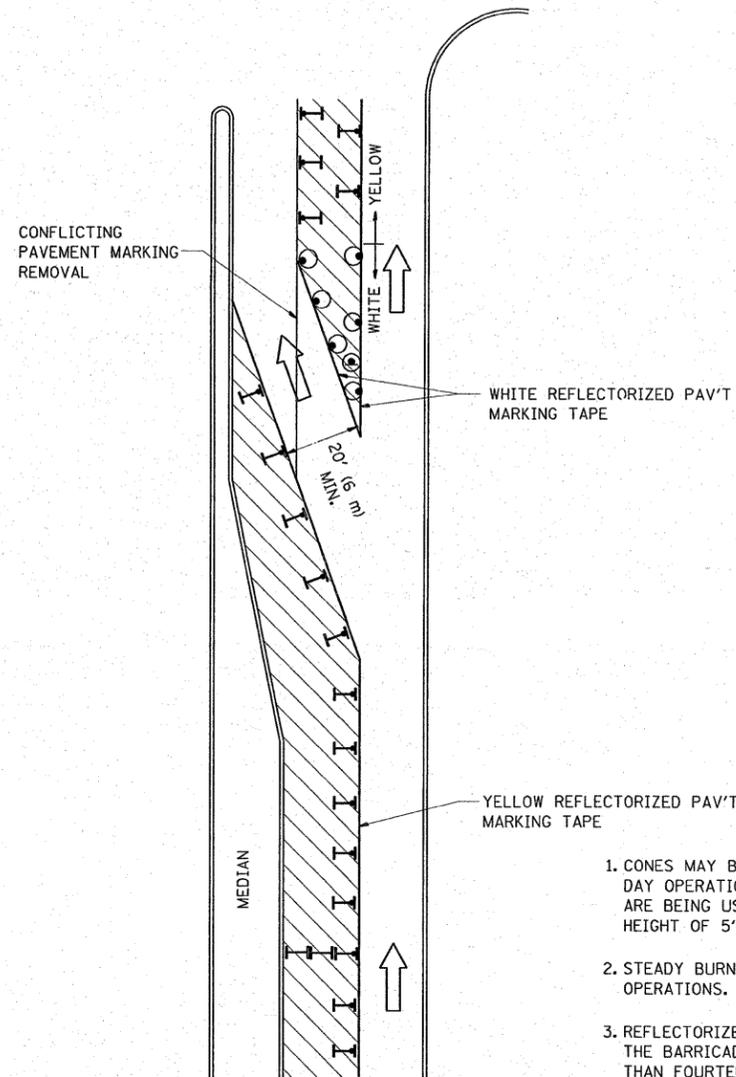
1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

All dimensions are in Inches (millimeters) unless otherwise shown.

FILE NAME = \\distintfs2\users\golbannb\Desktop\td11.dgn	USER NAME = golbannb	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - T. RAMMACHER 03-12-99	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		303	2007-049 I	LAKE	43	25		
PLOT DATE = 2/20/2008	CHECKED -	REVISED - T. RAMMACHER 01-06-00	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		CONTRACT NO. 60D39	
	DATE -	REVISED -					FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

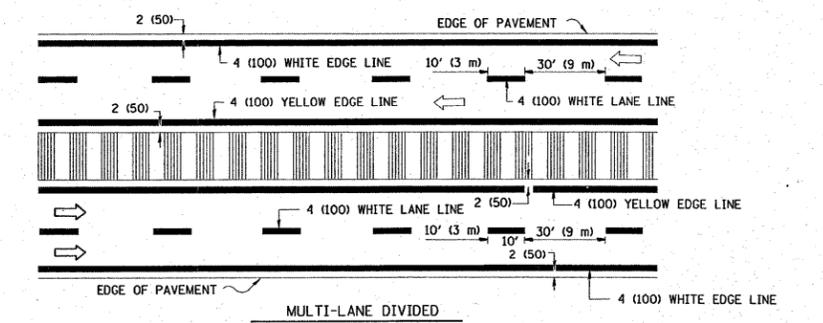
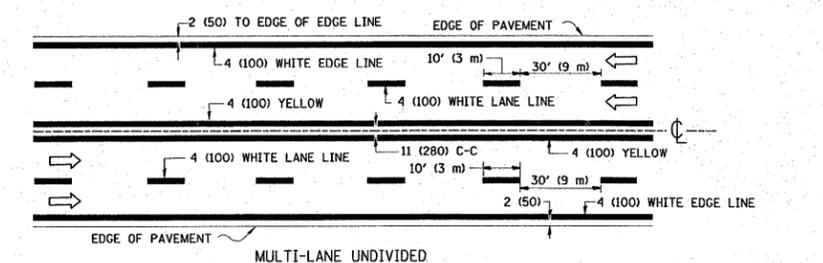
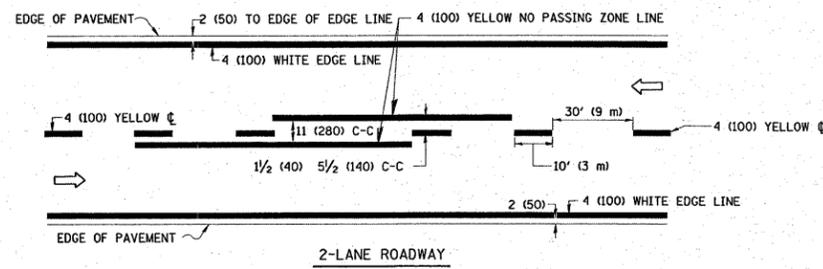
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = galbennb	DESIGNED -	REVISED -T. RAMMACHER 09-08-94
\\distintfs2\users\galbennb\Desktop\tc14.dgn		DRAWN -	REVISED - A. HOUSEH 11-07-95
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED - A. HOUSEH 10-12-96
PLOT DATE = 2/20/2008		DATE -	REVISED -T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

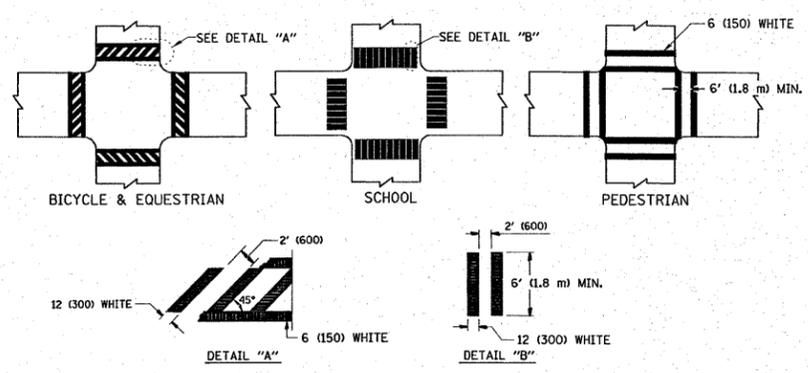
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	48	26
TC-14			CONTRACT NO. 60D39	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

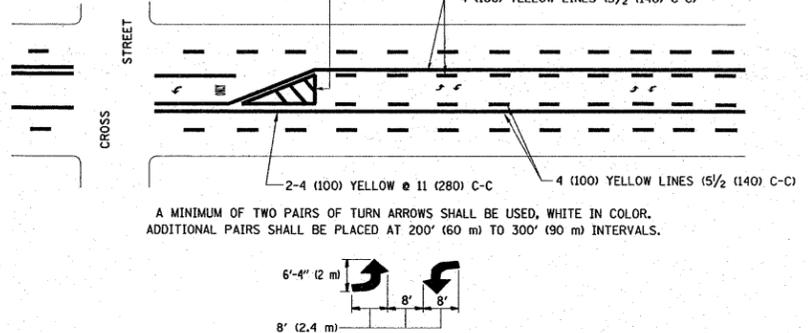
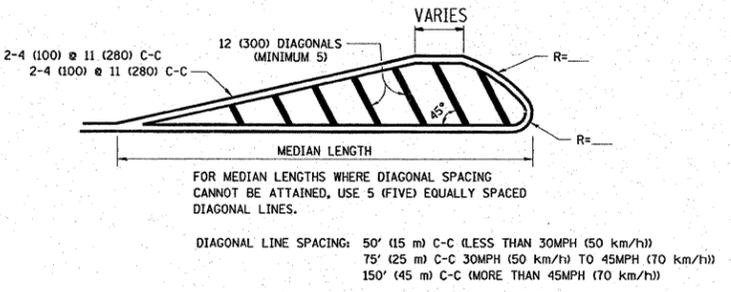
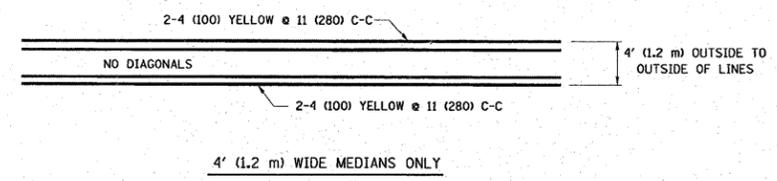


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

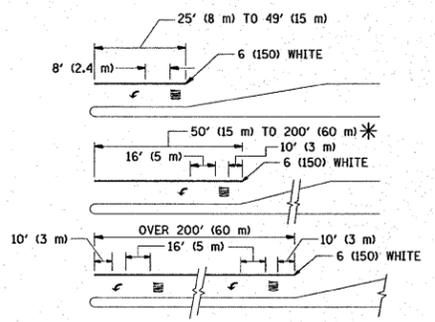
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



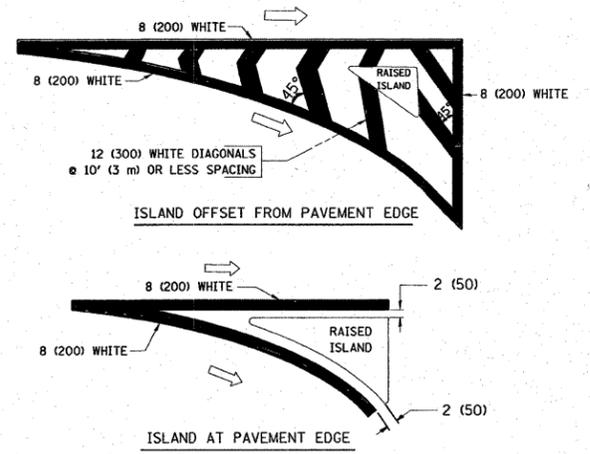
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

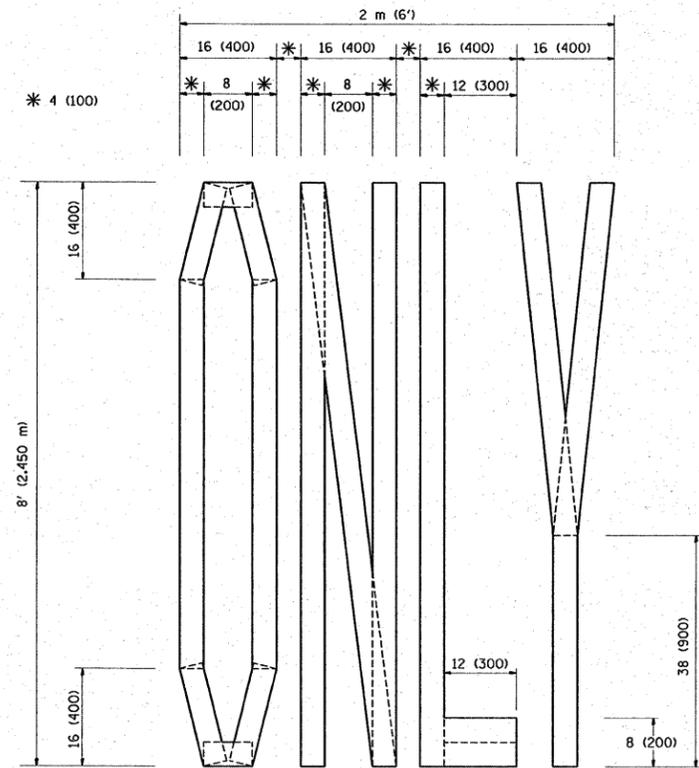
All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT DATE = 2/20/2008	DATE -	REVISED - A. HOUSEH 10-17-96	REVISED - T. RAMMACHER 01-06-00

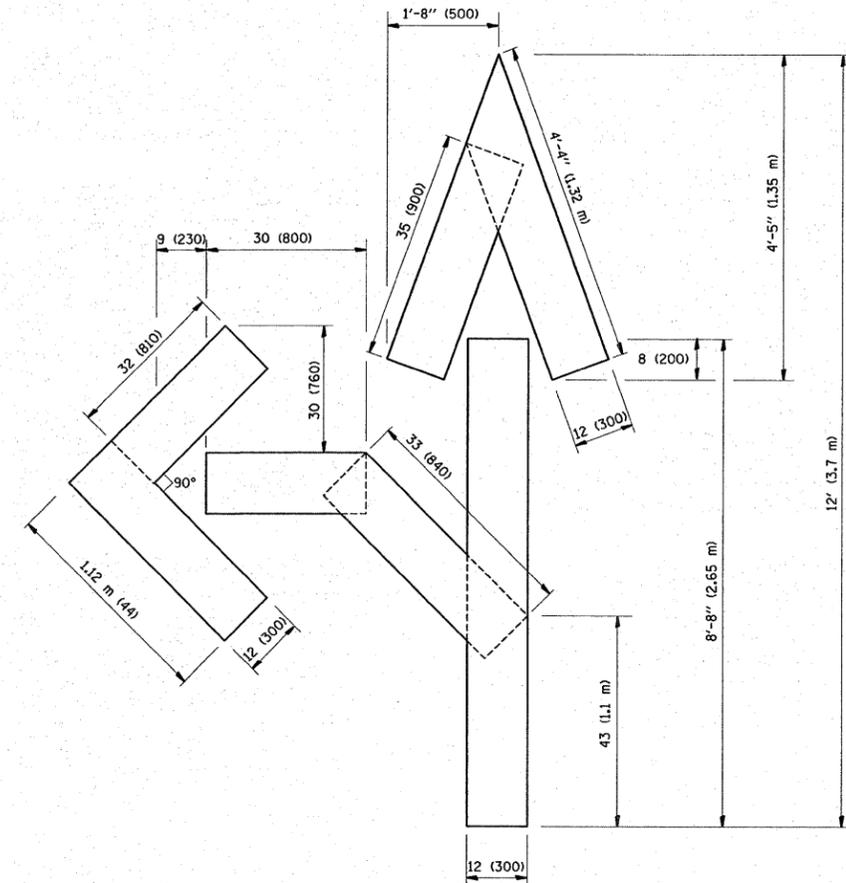
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

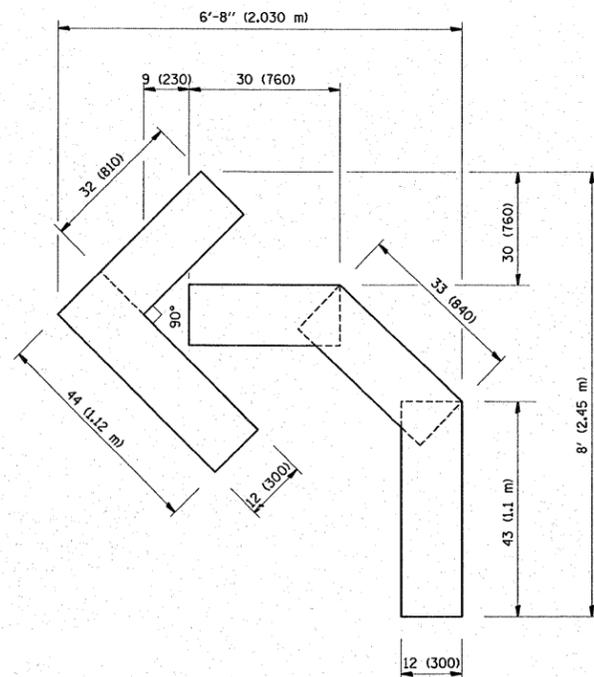
F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 27
TC-13		CONTRACT NO. 60D39		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

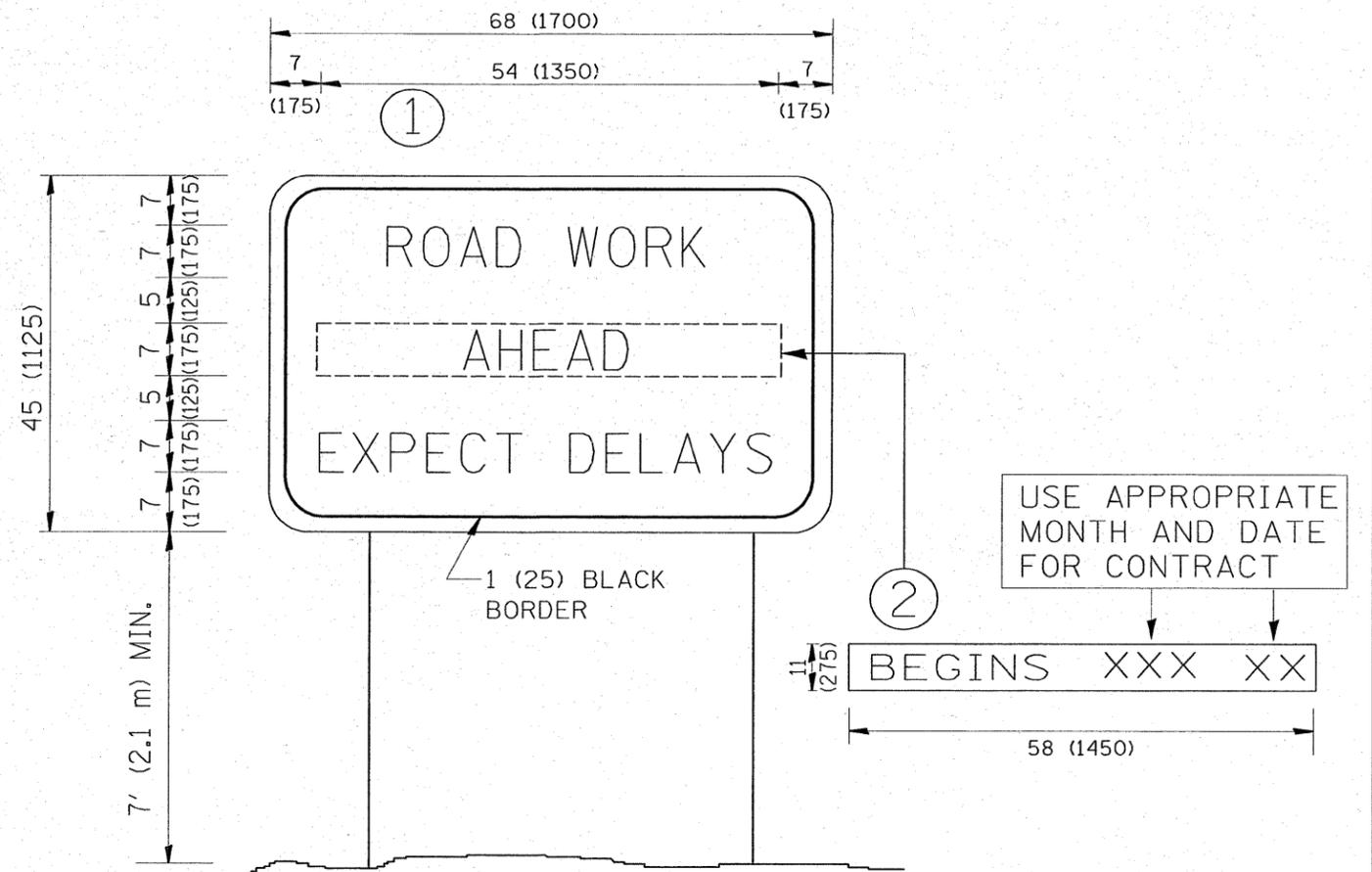
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		CHECKED -	REVISED -T. RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	48	28
TC-16		CONTRACT NO. 60D39		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

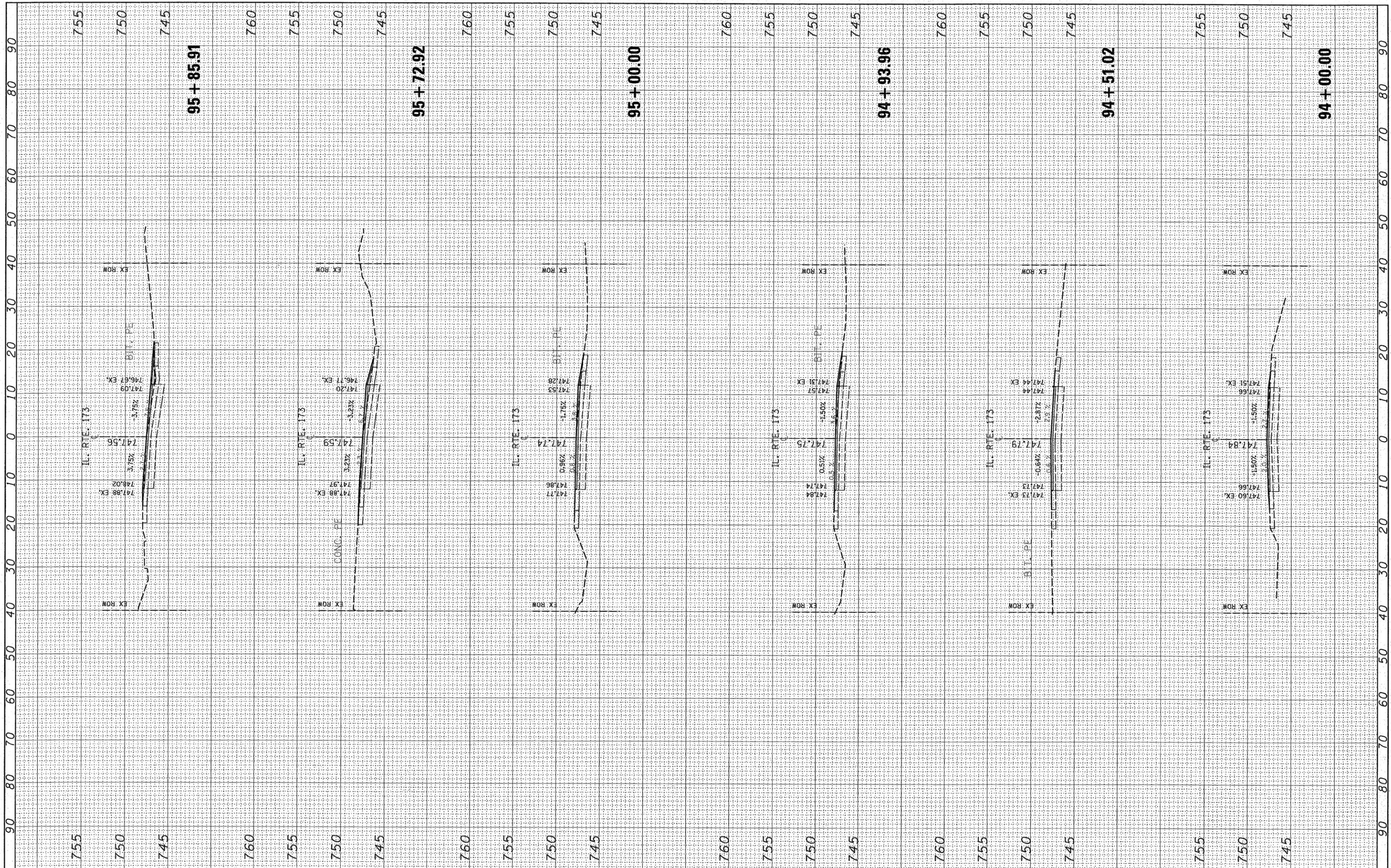
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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\\dist\inf\2\users\golbannb\Desktop\to22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97		303	2007-049 I	LAKE	49	29			
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PLOT DATE = 2/20/2008		DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



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 PLOT DATE = 2/19/2008

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 DATE -

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

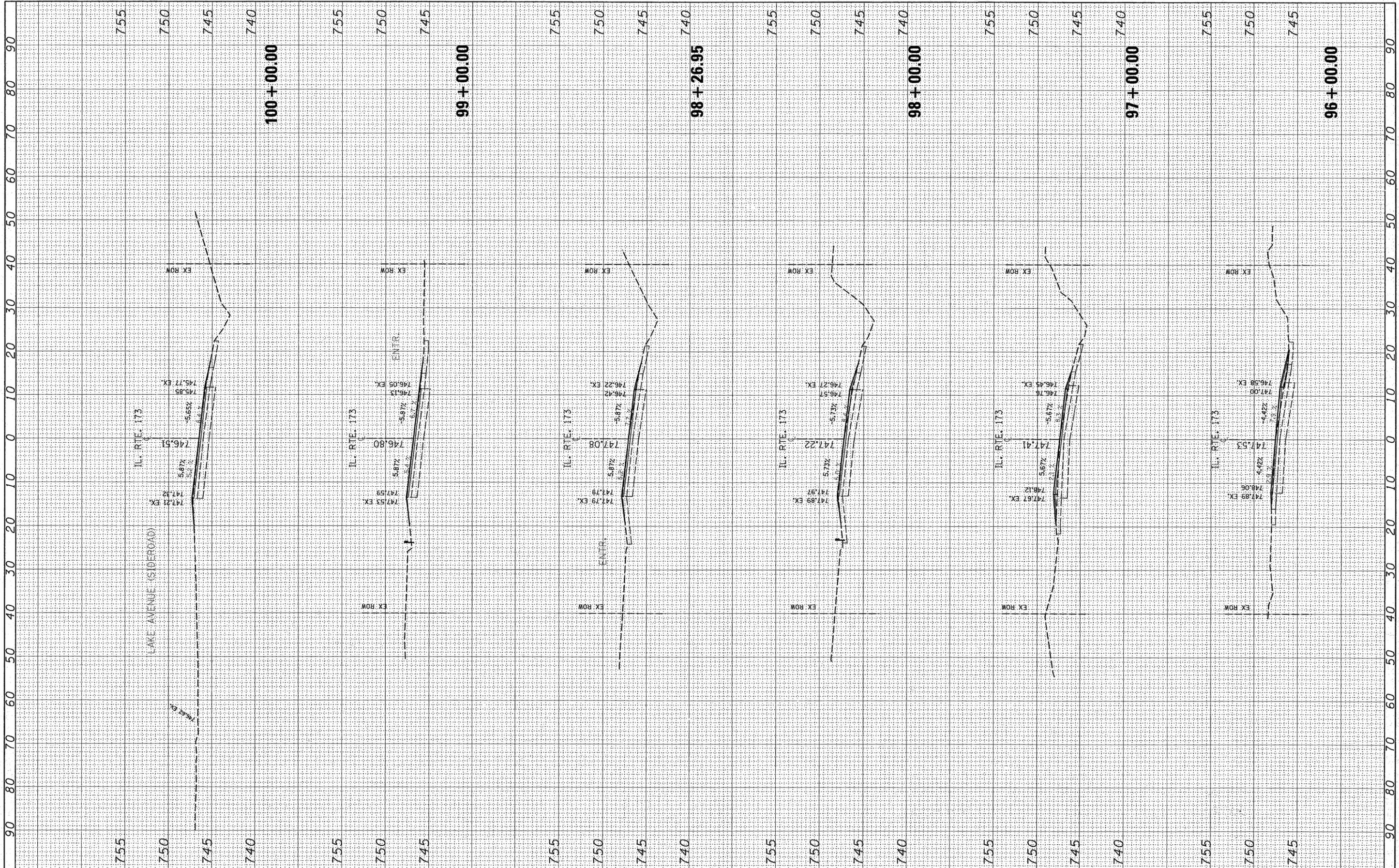
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 94+00.00 TO STA. 95+85.91

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049-1	LAKE	49	39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

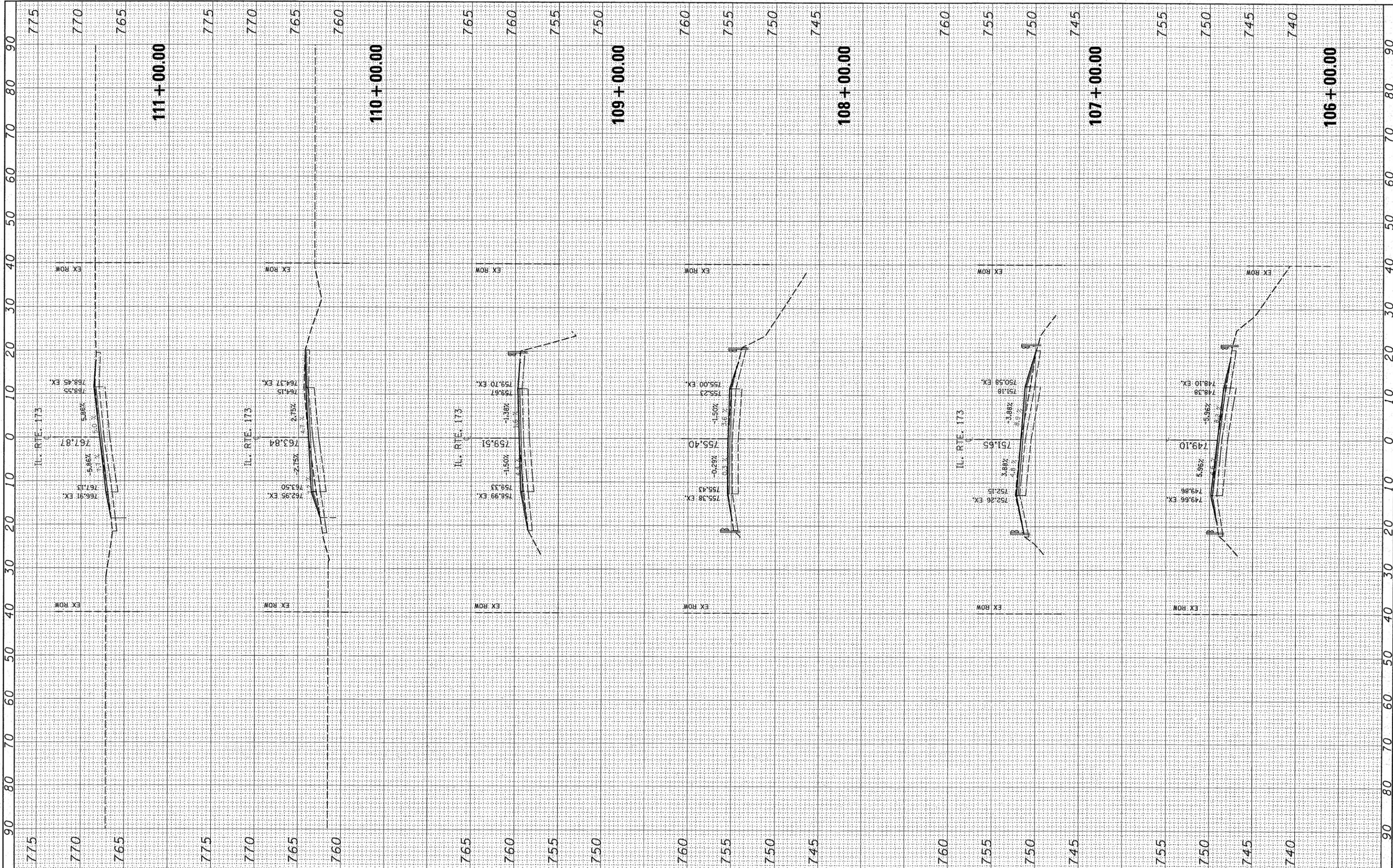
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 96+00.00 TO STA. 100+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 31
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY	PLOTTED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		



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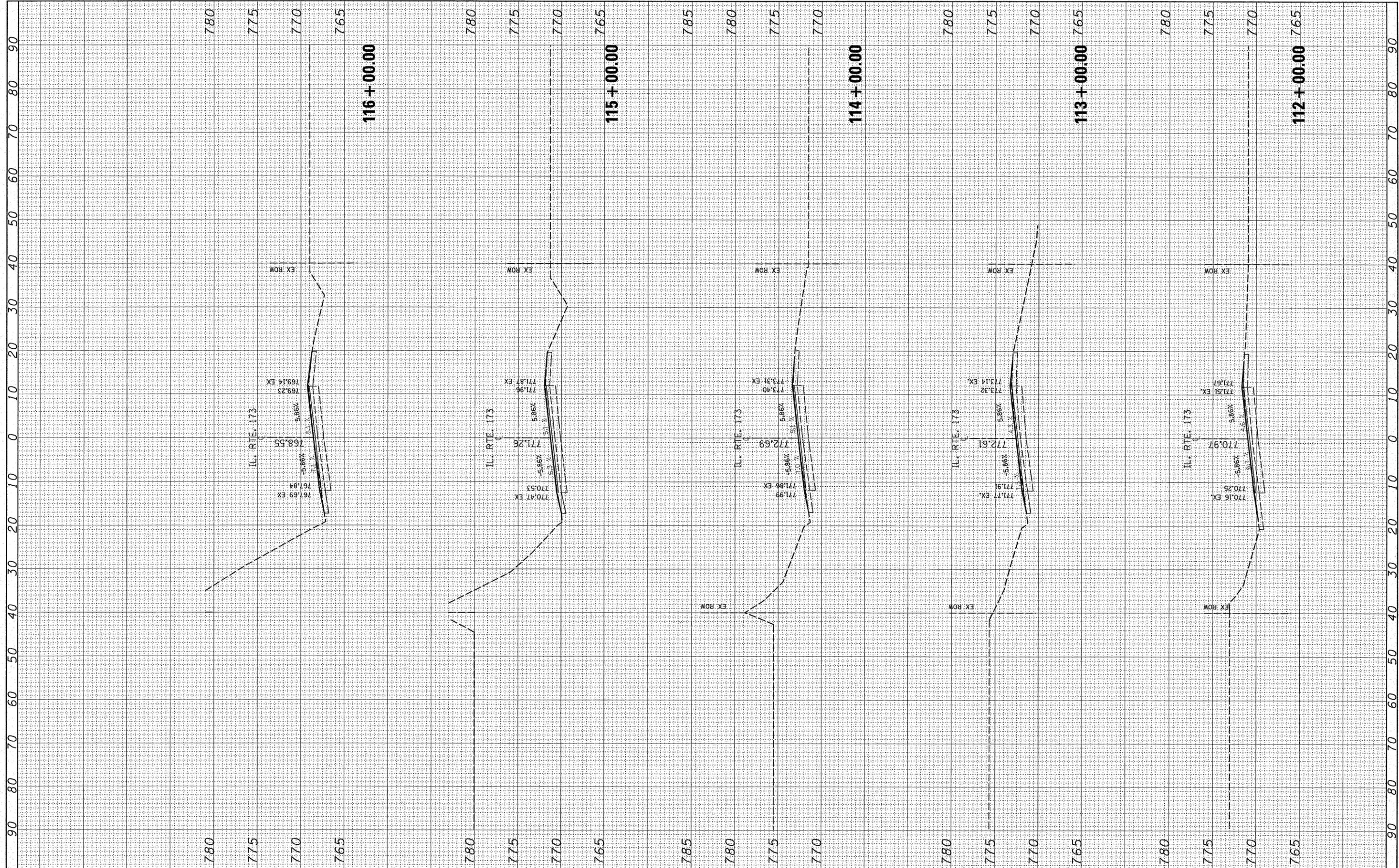
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 106+00.00 TO STA. 111+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 33
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

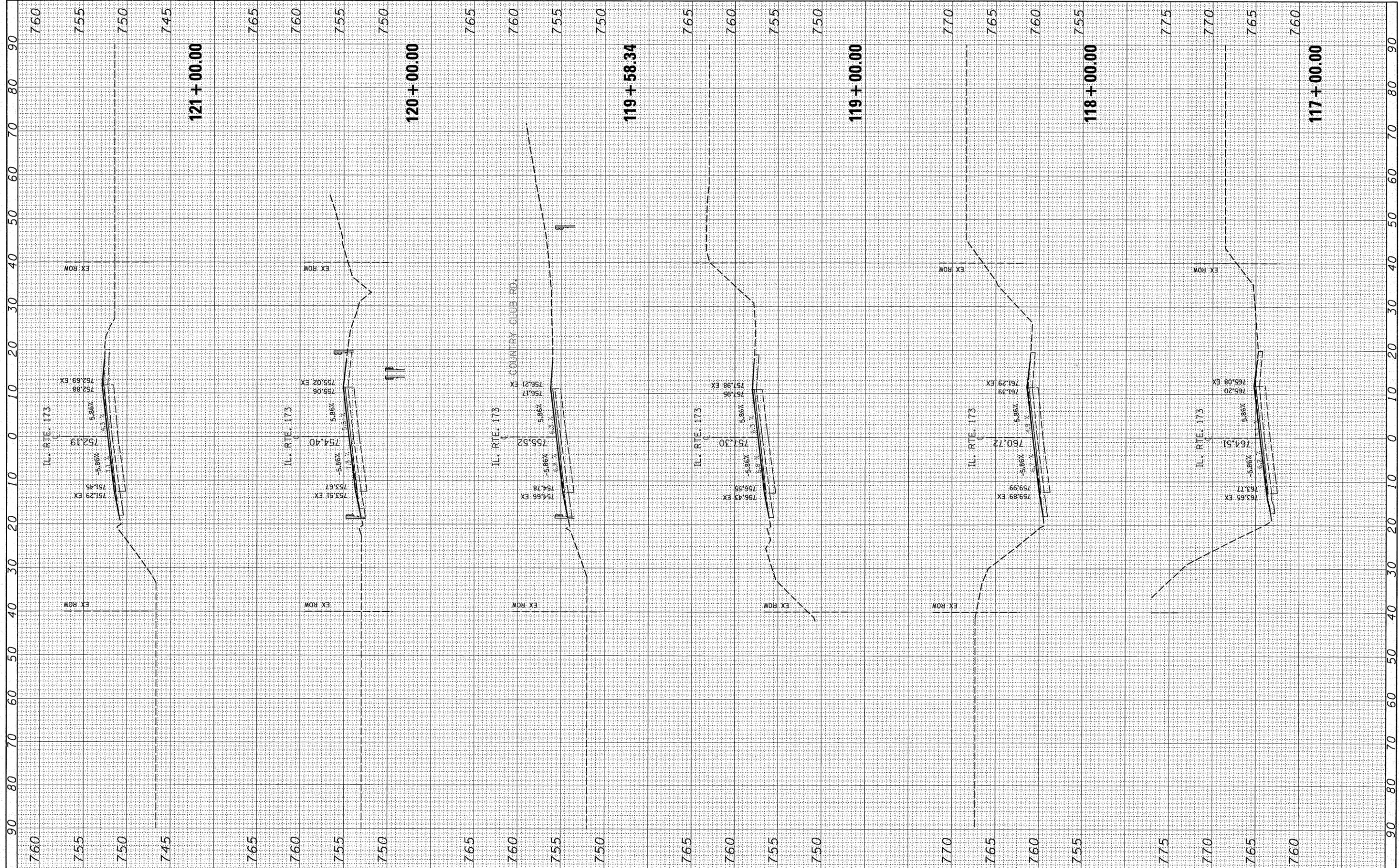
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 112+00.00 TO STA. 116+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 40	SHEET NO. 34
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	CHECKED		



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

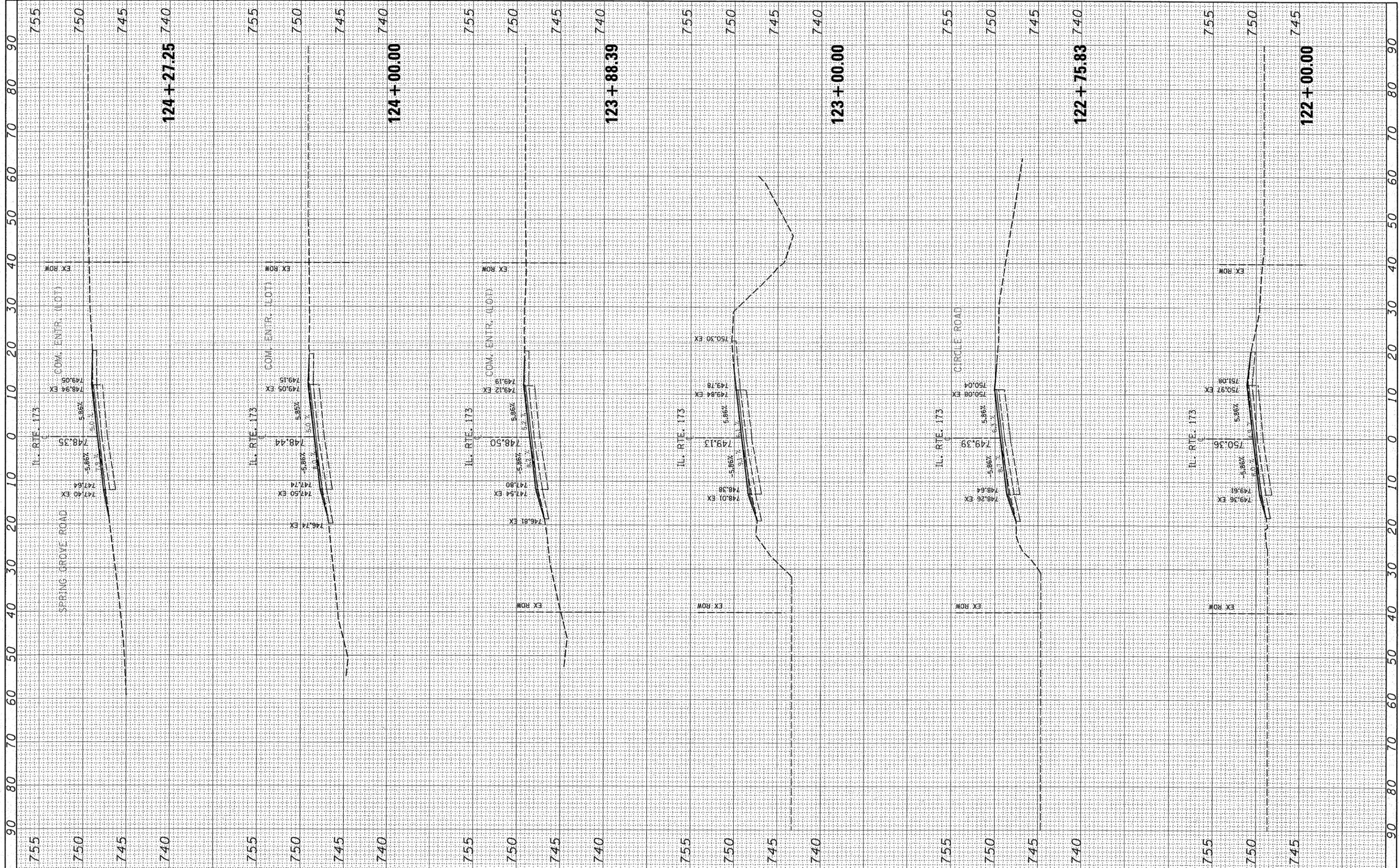
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 117+00.00 TO STA. 121+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 35
CONTRACT NO. 60D39			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
SURVEY BOOK NO.	PLOTTED	
	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
SURVEY BOOK NO.	PLOTTED	
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DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 122+00.00 TO STA. 124+27.25

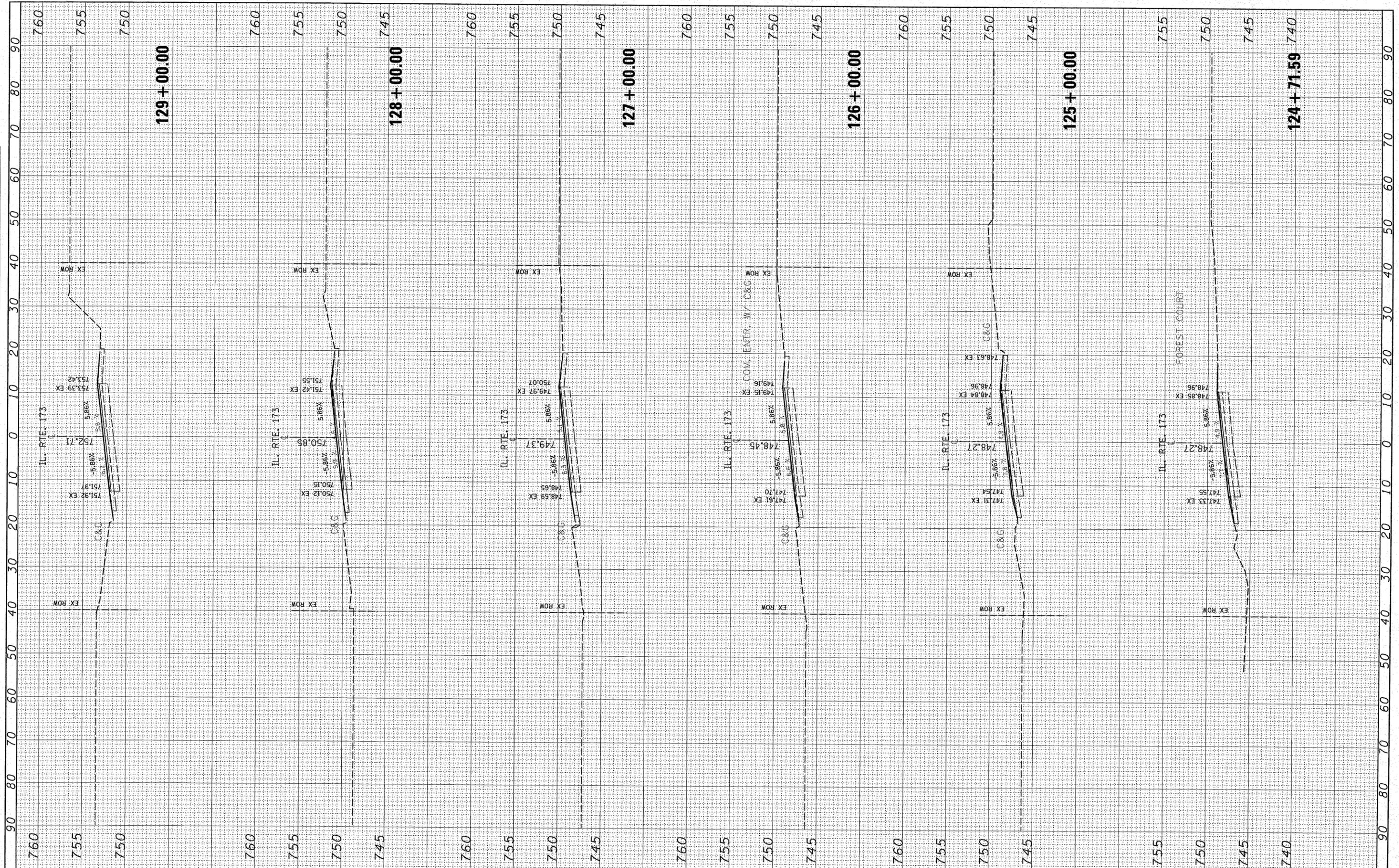
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FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60D39		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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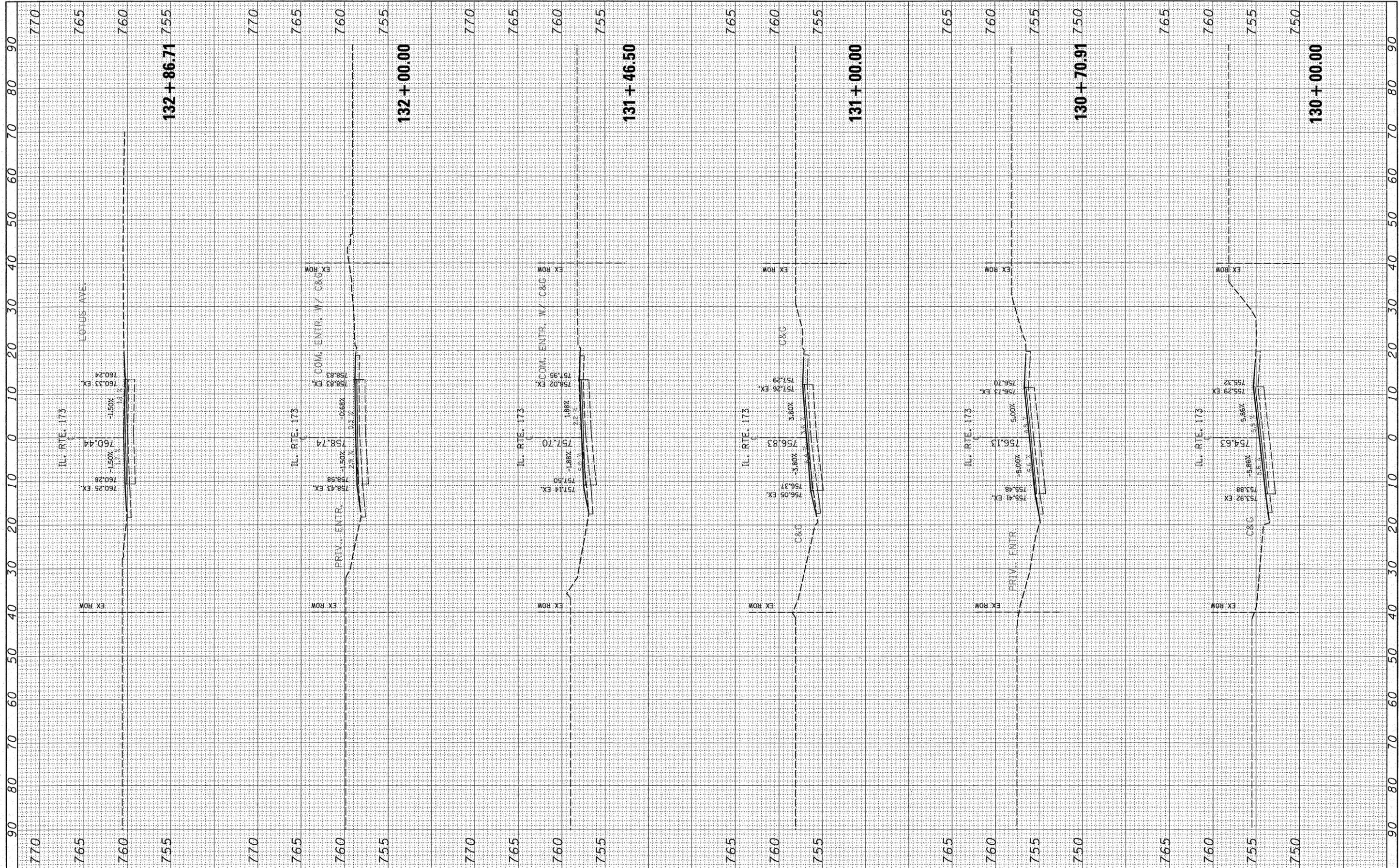
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 124+71.59 TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	49	37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60039	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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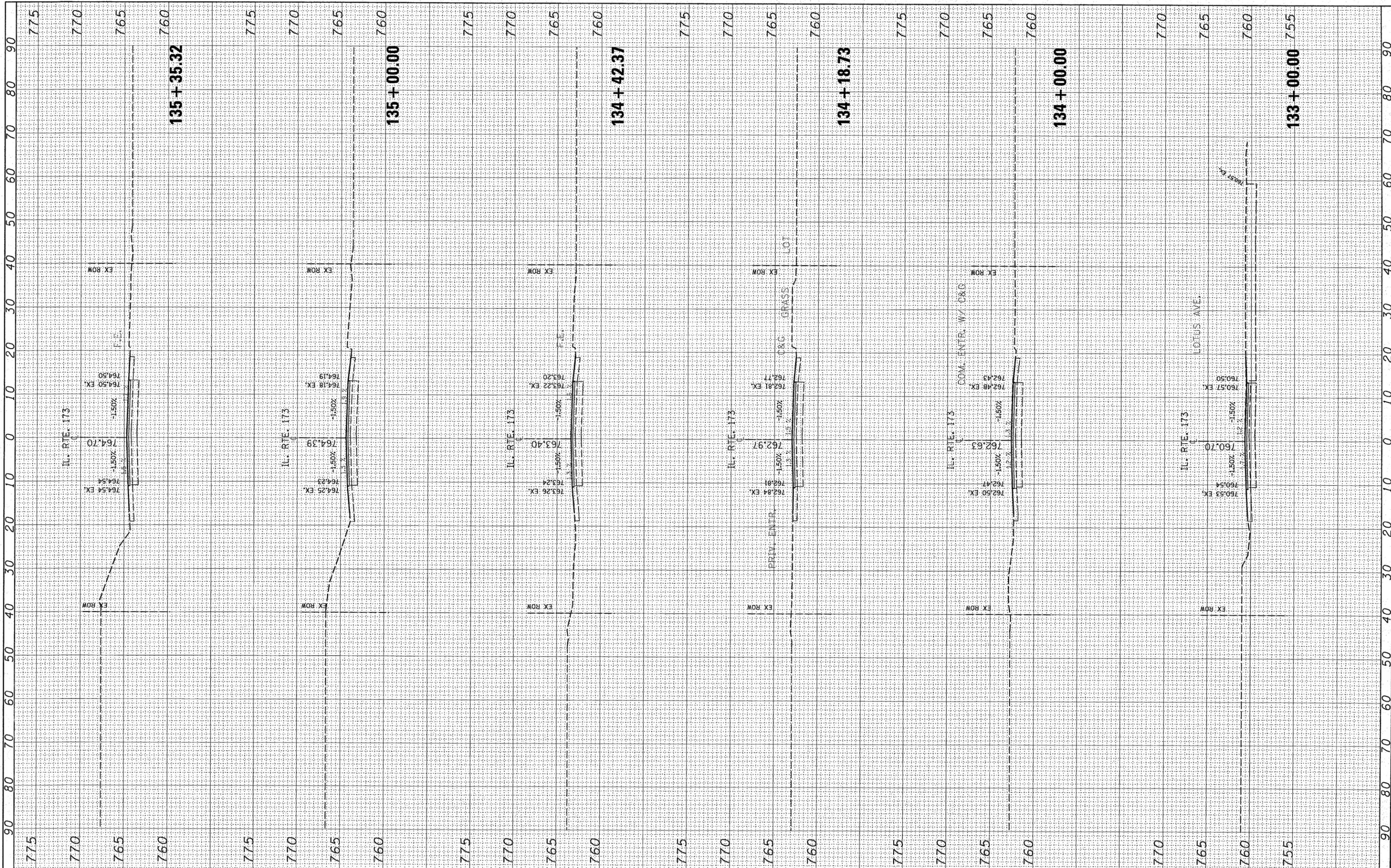
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 130+00.00 TO STA. 132+86.71

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2007-049 I	LAKE	49	38
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY BY DATE
 SURVEYED SURVEY BY DATE
 NOTE BOOK NO. TEMPLATE AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED SURVEY BY DATE
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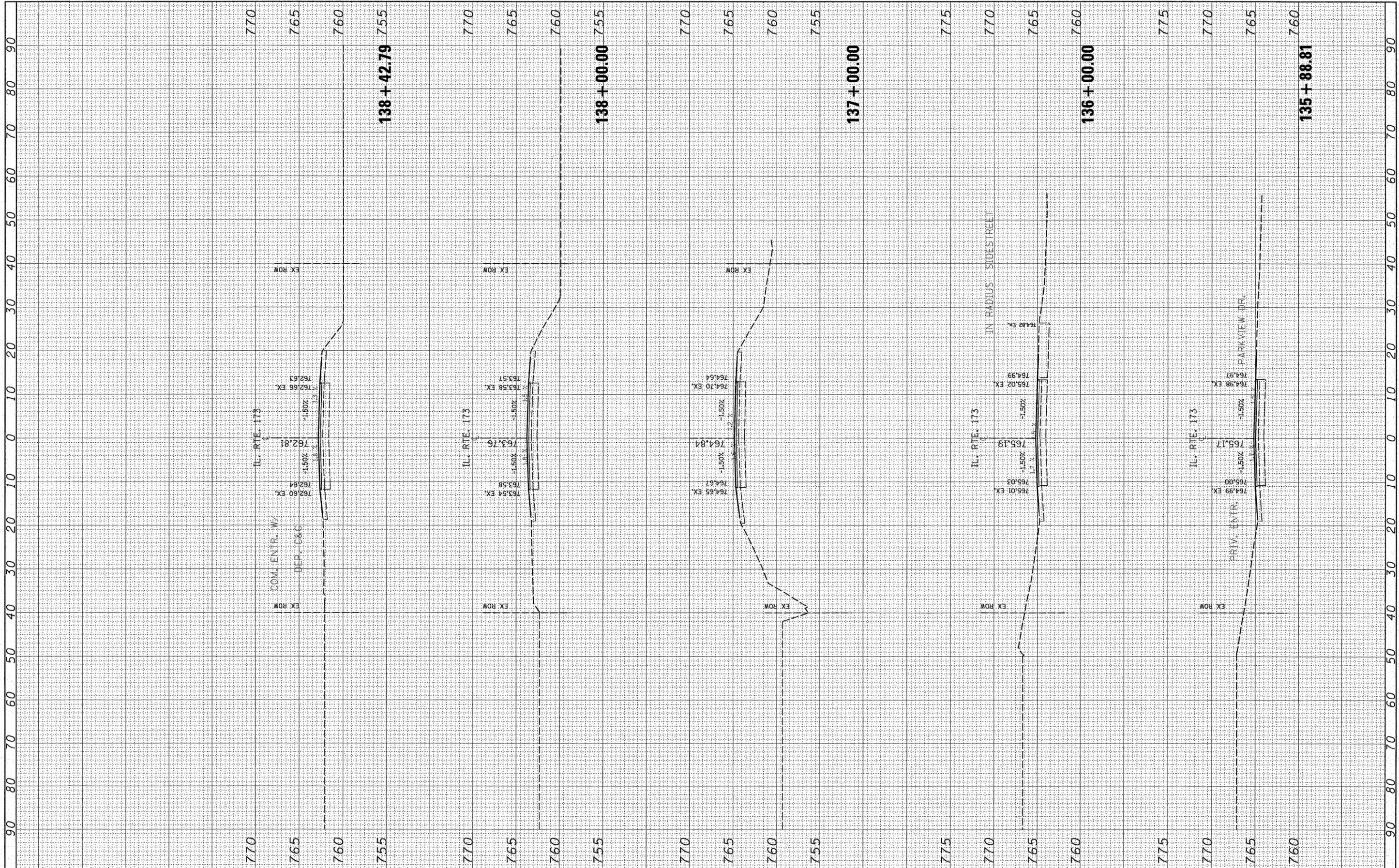
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 133+00.00 TO STA. 135+35.32

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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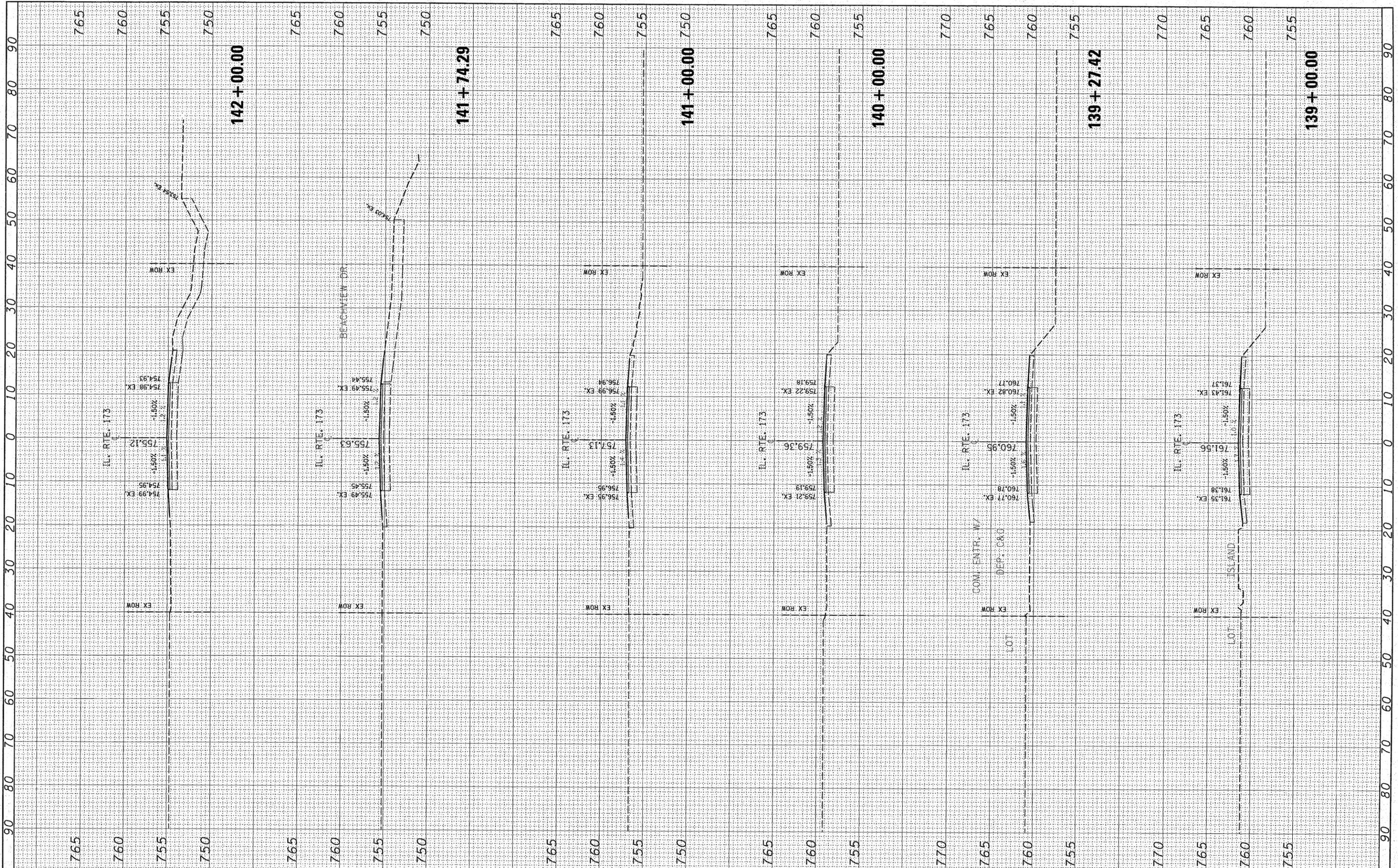
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 135+88.81 TO STA. 138+42.79

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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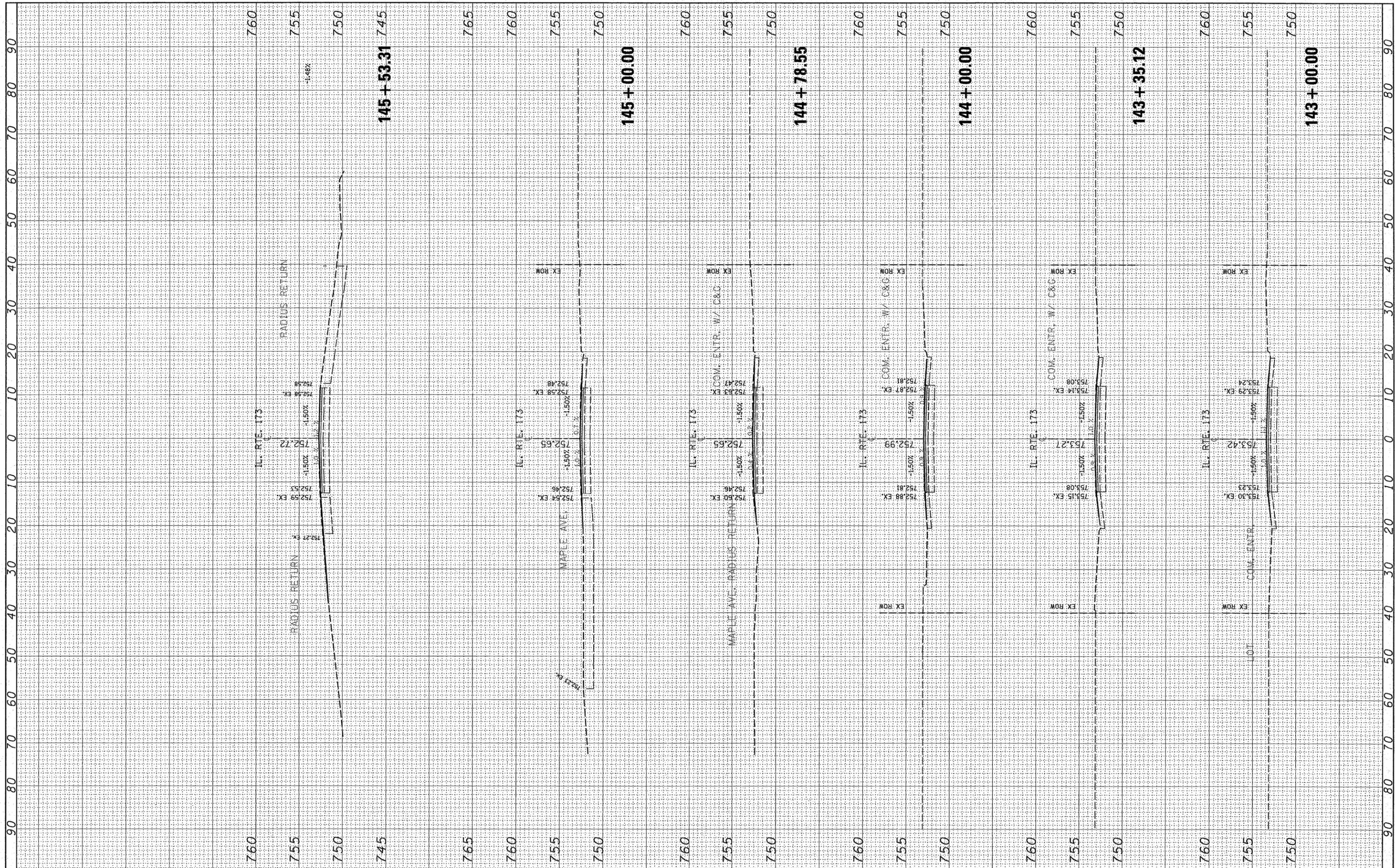
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**
 SCALE: SHEET NO. OF SHEETS STA. 139+00.00 TO STA. 142+00.00

F.A.P. RTE. 303	SECTION 2007-049 1	COUNTY LAKE	TOTAL SHEETS 43	SHEET NO. 41
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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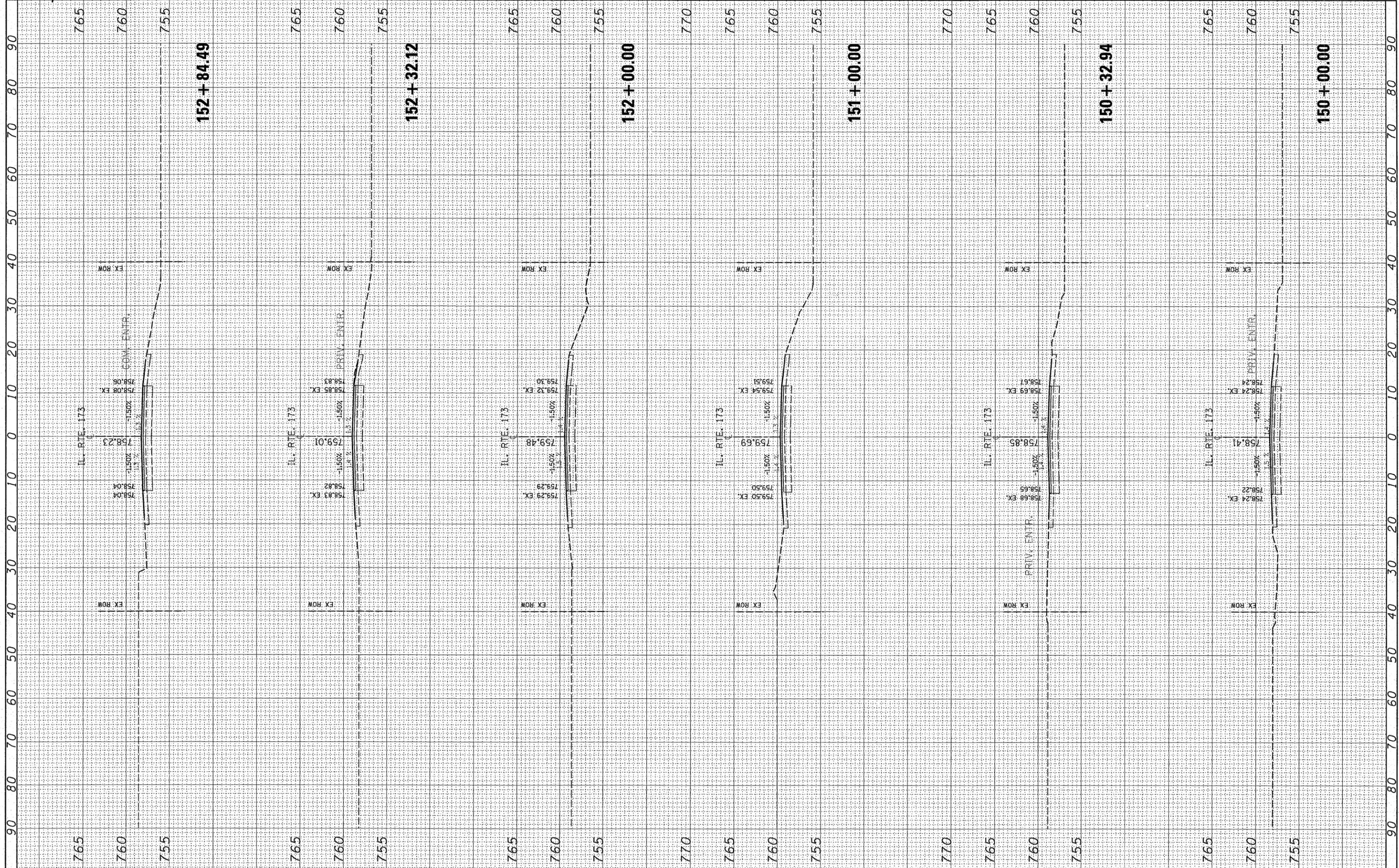
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**
 SCALE: SHEET NO. OF SHEETS STA. 143+00.00 TO STA. 145+53.31

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 42
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



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DATE -	REVISIED -

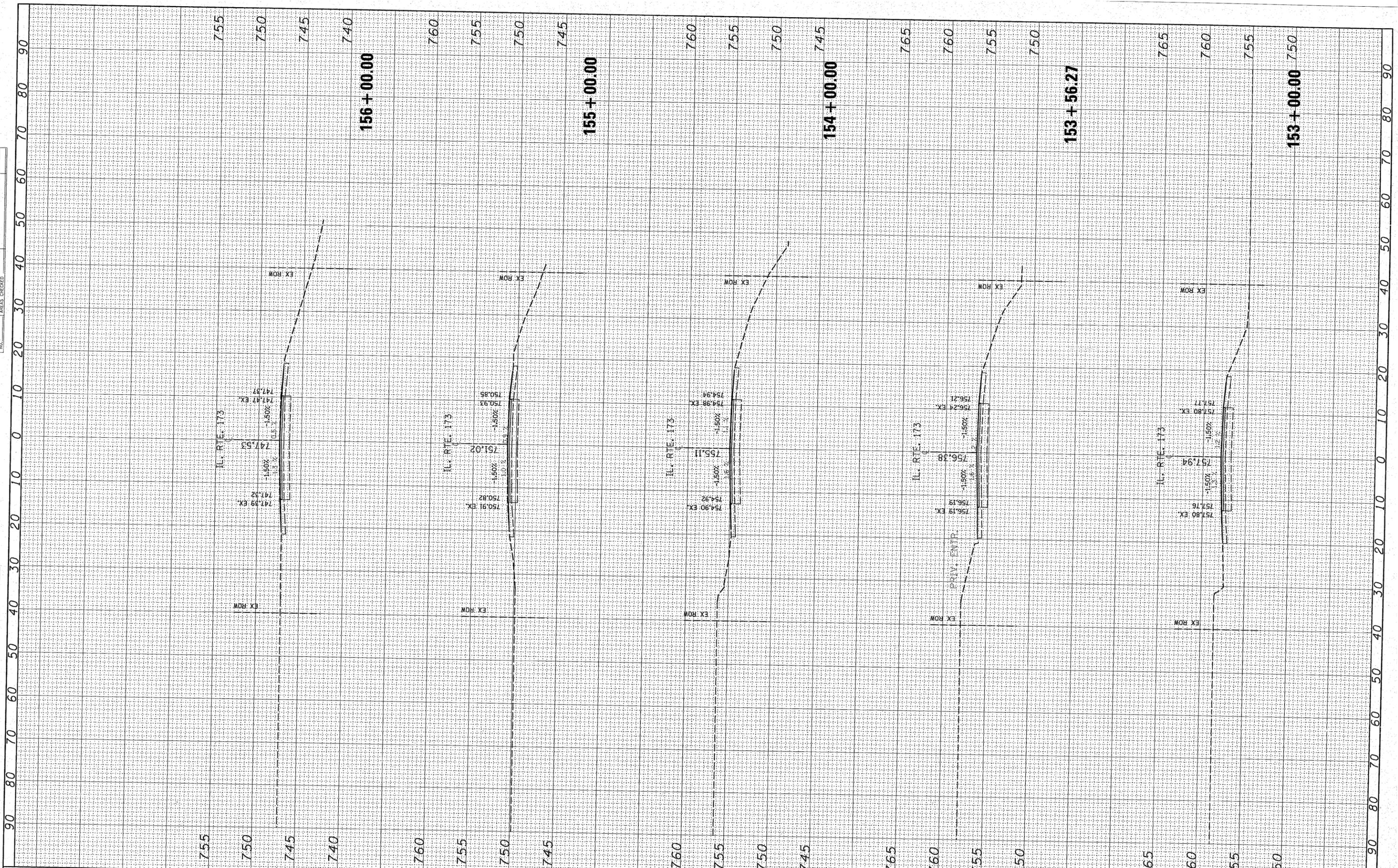
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 150+00.00 TO STA. 152+84.49

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 44
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

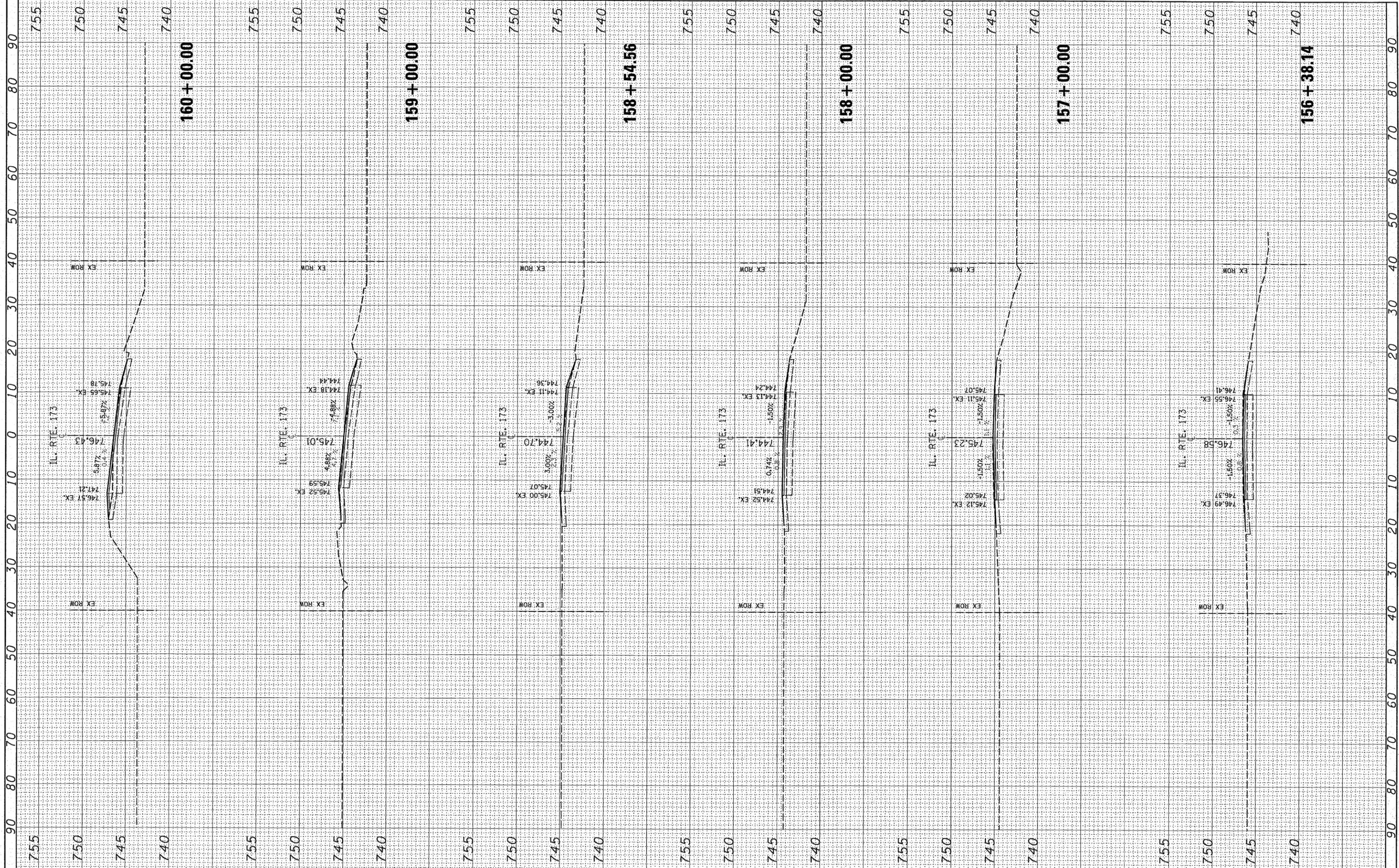
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION**

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 42	SHEET NO. 45
CONTRACT NO. 60D39				

SCALE: SHEET NO. OF SHEETS STA. 153+00.00 TO STA. 156+00.00
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	



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 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 2/19/2008

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

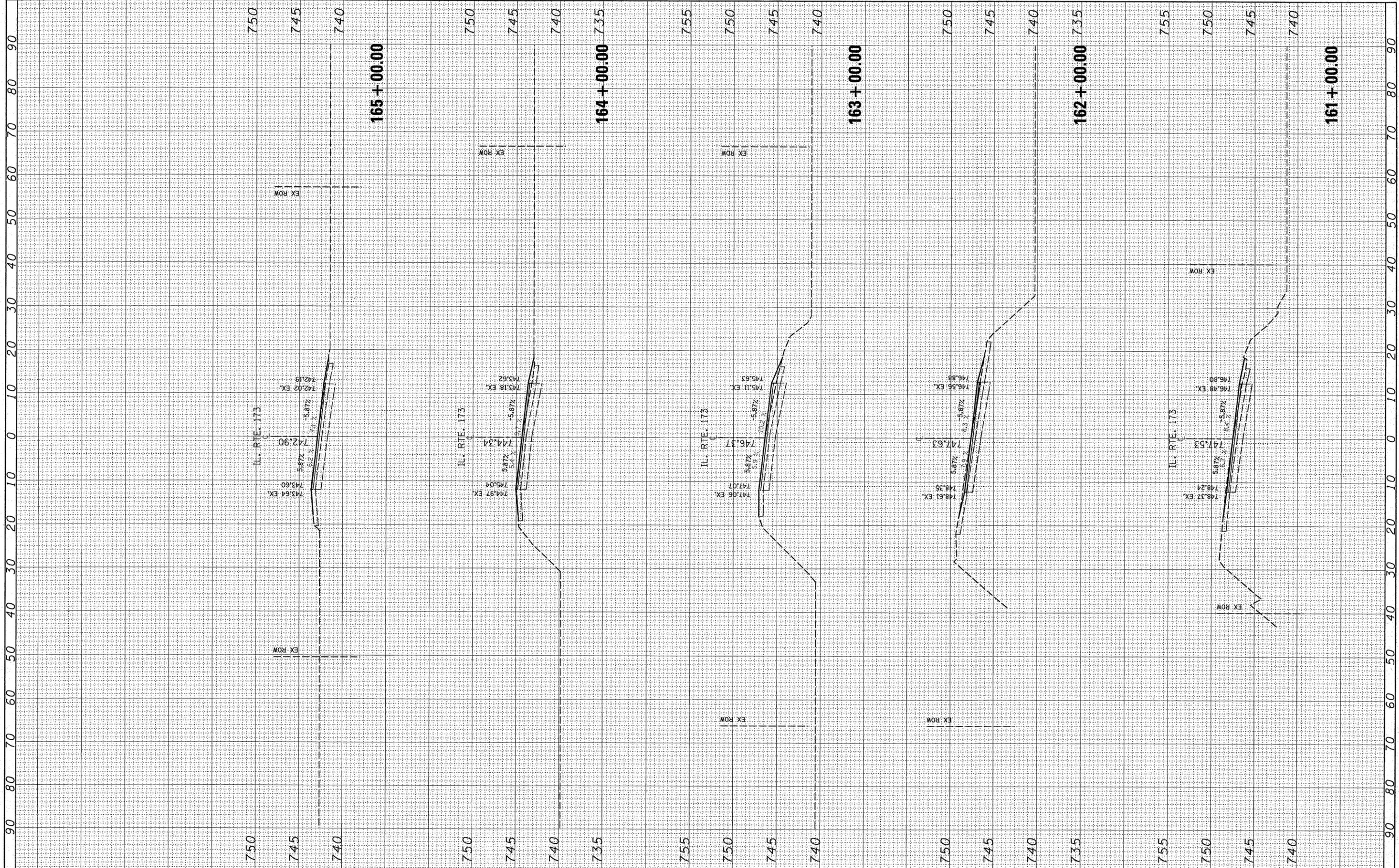
**IL 173 (LAKE AVENUE TO ORCHARD STREET
CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 156+38.14 TO STA. 160+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



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REVISED -
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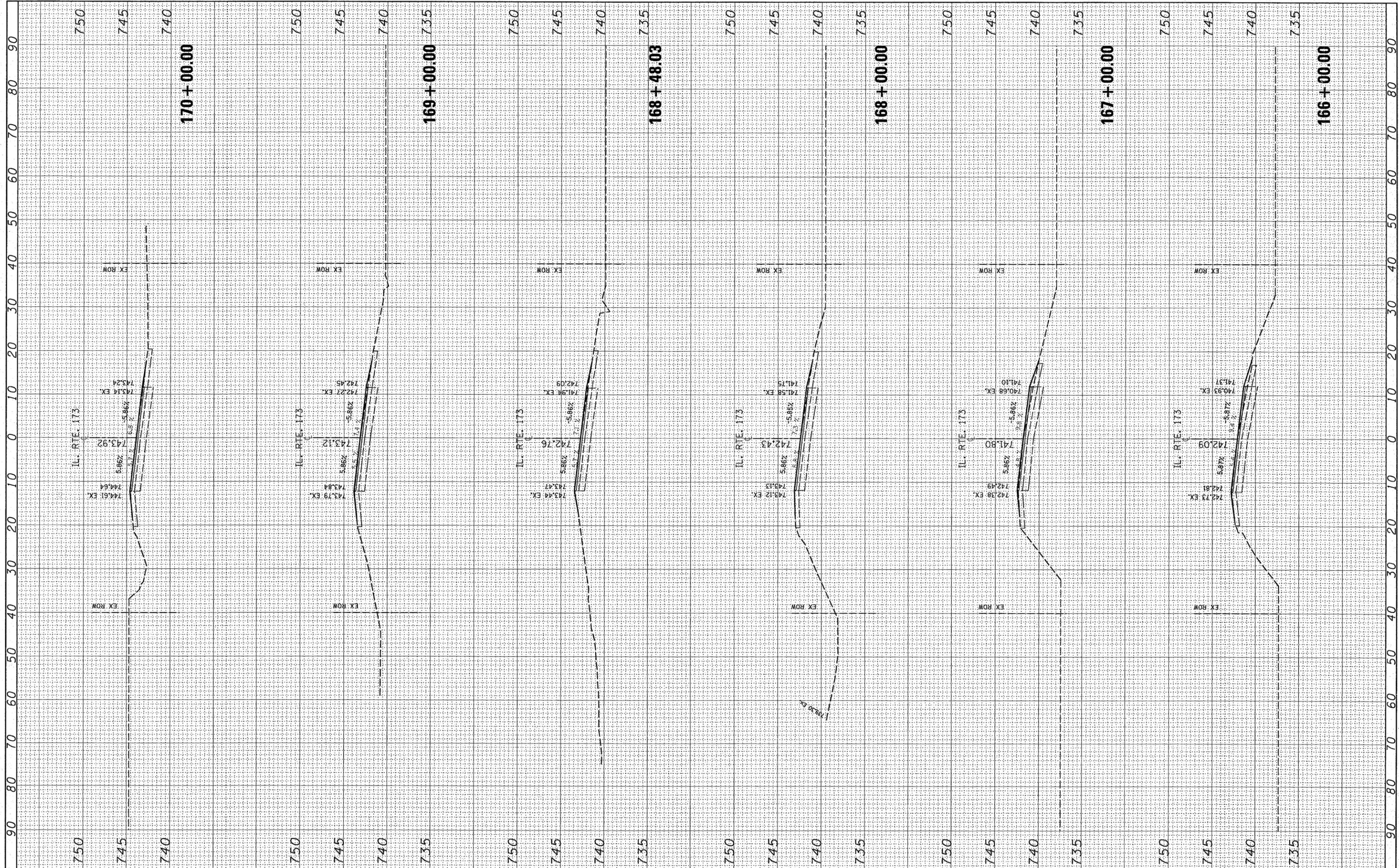
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (LAKE AVENUE TO ORCHARD STREET)
CROSS SECTION
 SCALE: SHEET NO. OF SHEETS STA. 161+00.00 TO STA. 165+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 47
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



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USER NAME = galbannb
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

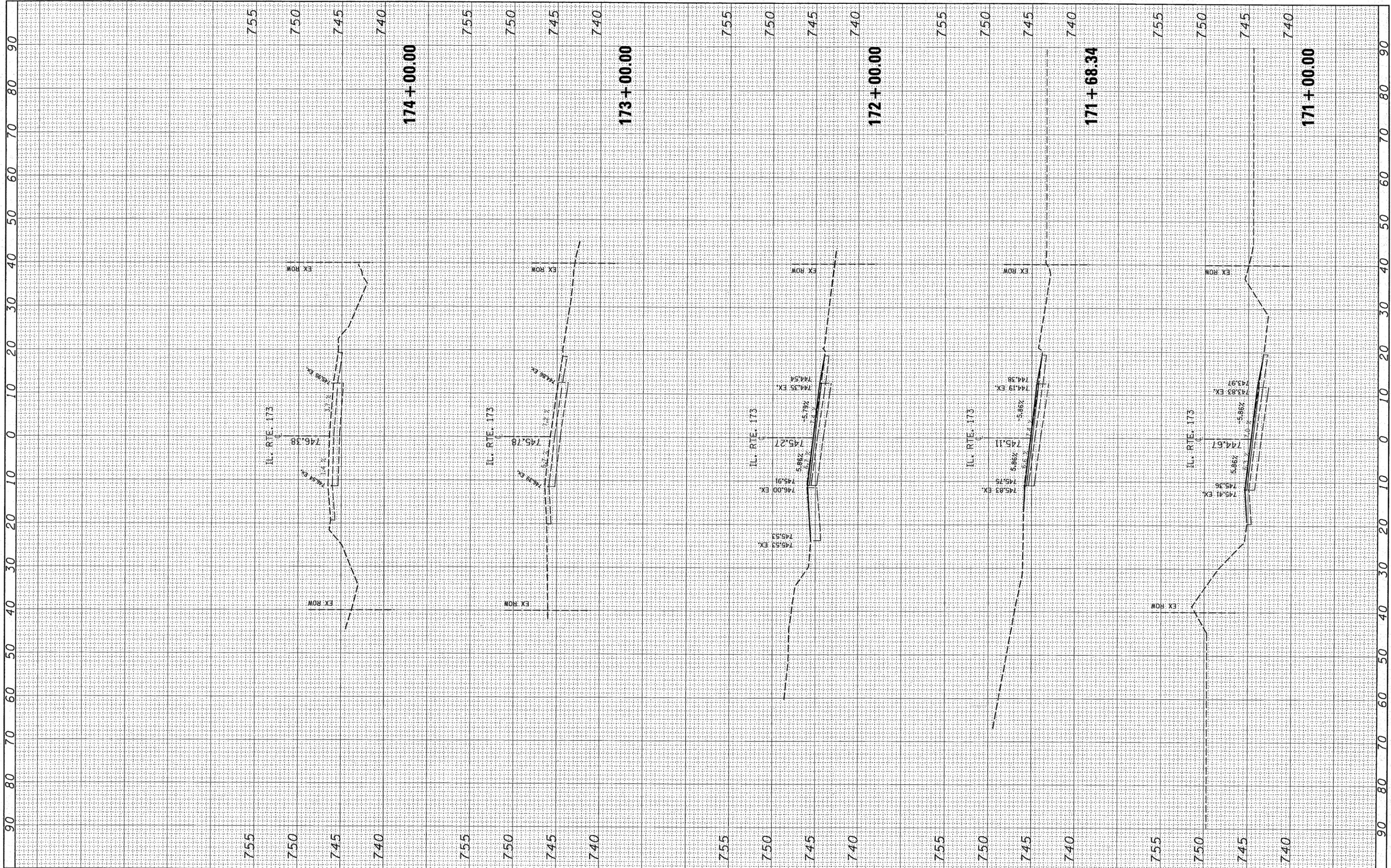
**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**

SCALE: SHEET NO. OF SHEETS STA. 166+00.00 TO STA. 170+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 48	SHEET NO. 48
CONTRACT NO. 60D39				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 173 (LAKE AVENUE TO ORCHARD STREET)
 CROSS SECTION**
 SCALE: SHEET NO. OF SHEETS STA. 171+00.00 TO STA. 174+00.00

F.A.P. RTE. 303	SECTION 2007-049 I	COUNTY LAKE	TOTAL SHEETS 49	SHEET NO. 49
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D39	