

(847)705-4169

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

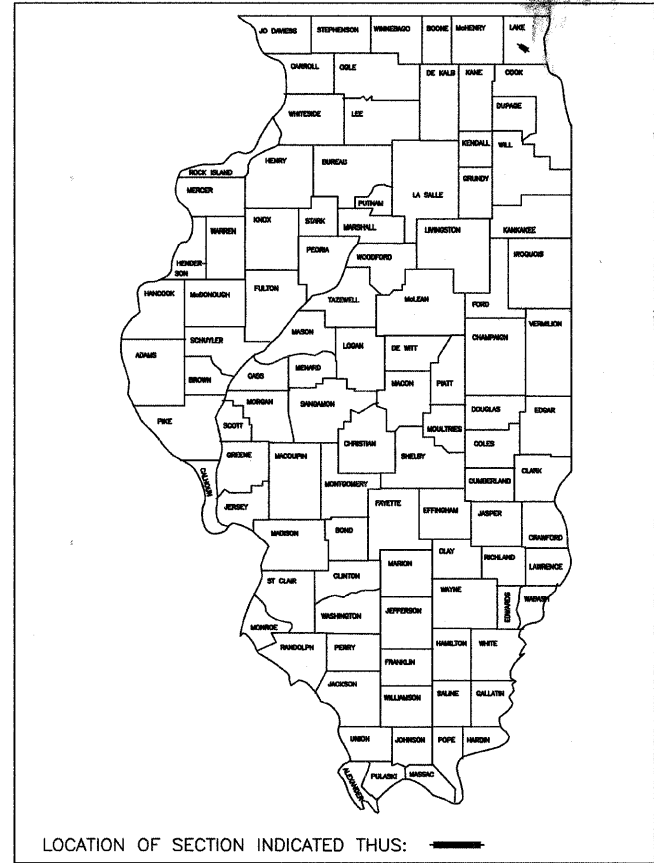
BLRS LETTING: MARCH, 2010

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	1
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU 191 FAIRFIELD ROAD
(OLD MCHENRY ROAD (FAU 1249) TO IL ROUTE 176)
RESURFACING

SECTION NO: 08-00999-01-RS
PROJECT NO: ARA-9003(467)
JOB NO: C-91-02610

LAKE COUNTY DIVISION OF TRANSPORTATION
TOWNSHIP ELA/FREMONT



LOCATION OF SECTION INDICATED THUS:

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THE STATE OF ILLINOIS

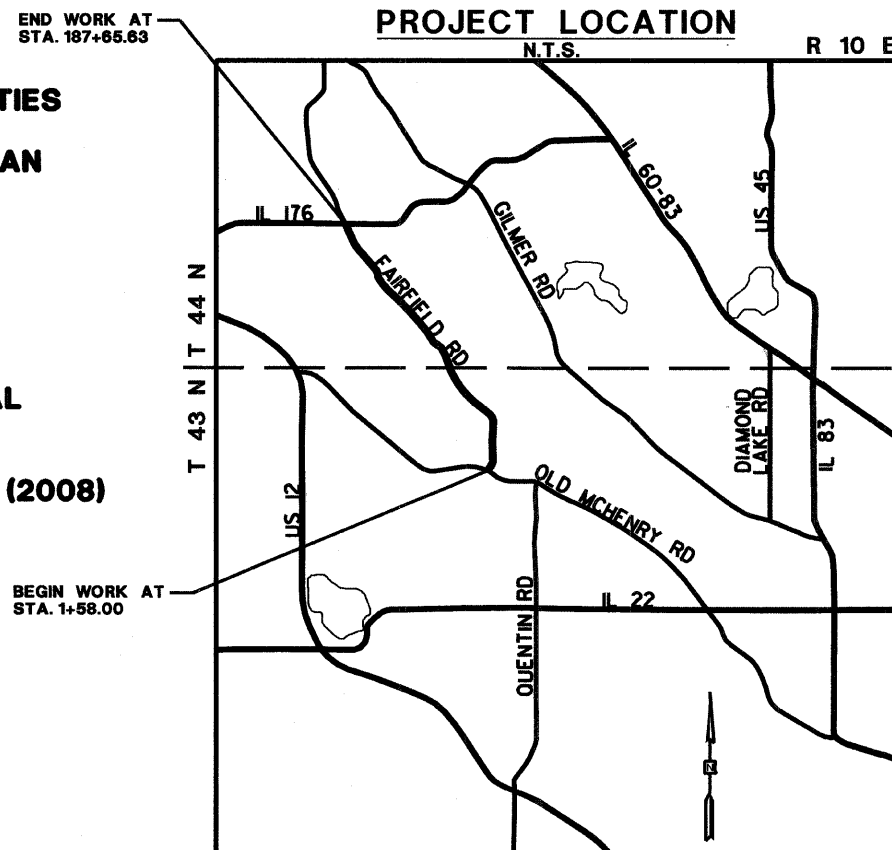
INDEX OF SHEETS

SHEET No. DESCRIPTION

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-12 FAIRFIELD RD - SCHEDULE OF QUANTITIES
- 13-22 FAIRFIELD RD - TYPICAL SECTIONS
- 23-26 FAIRFIELD RD - TRAFFIC CONTROL PLAN
- 27-39 FAIRFIELD RD - MILLING PLAN
- 40-52 FAIRFIELD RD - PROPOSED PLAN
- 53-60 DETAILS

TRAFFIC DATA

FUNCTIONAL CLASSIFICATION: **URBAN ARTERIAL**
POSTED SPEED LIMIT: **45/50 MPH**
DESIGN SPEED LIMIT: **55/59/ MPH**
ADT: **11,566 VEH/DAY (2008)**



STATE HIGHWAY STANDARDS

- 00001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 701006-03 OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

FOR UNDERGROUND UTILITY

LOCATIONS, CALL

J. U. L. I. E.

TOLL FREE

800-892-0123

ROAD	STATION	STATION	LENGTH (FT.)	LENGTH (ML)	OMISSION (FT.)	OMISSION (ML)	NET LENGTH (FT.)	NET LENGTH (ML)
FAIRFIELD ROAD	1+58	197+65.63	18,587.59	3.52	4,940.59	0.94	13,627	2.58



PASSED: MARCH 31, 2010
 DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED REVIEW: APRIL 1, 2010
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

APPROVED BY: Mark J. Buehler
 LAKE COUNTY ENGINEER

DATE: 12-14-09

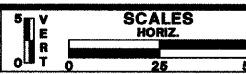
Plans Prepared By: **McClure**
 Engineering Associates, Inc.
 1221 N. Lincoln St., Chicago, IL 60610
 Phone: 312-329-9193 Fax: 312-329-9195
 Copyright 2009 by McClure Engineering Associates, Inc.

Signature: [Signature]
 Date: 12/3/09

Illinois License No: 062-061626
 Expiration Date: 11/30/2011

CONTRACT NO: 63407

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: #USRN# ##DAT###



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
COVER SHEET

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	1	60

GENERAL NOTES

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	2
F.H.W.A. REG.		ILLINOIS	PROJECT ARA-9003(467)	CONTRACT NO. 63407

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING:
 - THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2010.
 - THE STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, ADOPTED JULY 2009.
 - THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, THE 2003 EDITION, AND THE ILLINOIS SUPPLEMENT DATED 2003.
 - THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

 - SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
 - ALL UNUSED SIGNS WILL BE RETURNED TO THE COUNTY.
 - LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- PUBLIC AND PRIVATE UTILITIES: THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM.
- DRIVEWAYS OR ENTRANCES
 - EXISTING HOT-MIX-ASPHALT AND CONCRETE DRIVEWAYS AND ENTRANCES SHALL BE SURFACED TO 1 FOOT INSIDE THE RIGHT-OF-WAY WITH HOT-MIX ASPHALT SURFACE COURSE. REFER TO DETAILS.
 - EXISTING FIELD ENTRANCES SHALL BE BUILT UP IN PLACE TO THE RIGHT-OF-WAY WITH AGGREGATE SHOULDER MATERIAL.
 - THE CONTRACTOR SHALL CONSTRUCT ALL COMMERCIAL AND PRIVATE DRIVEWAYS IN ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
- THE THICKNESS OF HOT-MIX-ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASE ON WHICH THE HOT-MIX-ASPHALT MIXTURE IS PLACED.
- ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE DEPARTMENT'S LATEST REVISION OF THE STANDARD.
- THE EQUIPMENT USED TO APPLY THERMOPLASTIC PAVEMENT MARKINGS, UNDER THIS CONTRACT, SHALL BE LIMITED TO HAND-OPERATED EQUIPMENT ONLY. TRUCK-MOUNTED EQUIPMENT SHALL NOT BE USED.
- SHORT TERM PAVEMENT MARKINGS SHALL BE PLACED IN SETS OF TWO. EACH PAVEMENT MARKER SHALL BE FOUR INCHES WIDE, FOUR FEET LONG AND PLACED EVERY FORTY (40) FEET. SHORT TERM PAVEMENT MARKINGS SHALL BE PLACED 1.5 FEET FROM THE CENTER LINE OF THE ROAD. PAVEMENT MARKING TAPE, TYPE II SHALL BE PLACED ON THE FINAL SURFACE COURSE IN LIEU OF SHORT TERM PAVEMENT MARKINGS. SHORT TERM AND TEMPORARY PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH SECTIONS 702 AND 1095 OF THE STANDARD SPECIFICATIONS.
- THE SAW CUT SHALL YIELD A WORKABLE, NEAT, STRAIGHT AND PERPENDICULAR SURFACE AS AN EDGE FOR NEW PAVEMENT PLACEMENT, PROPOSED CURB AND GUTTER OR OTHER SUCH WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE DEPTH AND COMPOSITION OF THE EXISTING PAVEMENT. SAW CUTS REQUIRED FOR PAVEMENT PATCHING, PAVEMENT REMOVAL AND REPLACEMENT, BUTT JOINTS (LIMITS OF CONSTRUCTION ON ROADS OR ENTRANCES), OR HOT-MIX-ASPHALT SHOULDER REMOVAL AND REPLACEMENT SHALL BE PAID FOR AS A PART OF THE RESPECTIVE PAY ITEM.
- THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES:

JULIE AT&T	800-892-0123
WALLY ZDON	815-337-4391
COMCAST	630-600-6347
ROBERT SCHULTER	630-600-6347
COMED	847-816-5239
TERRIBLECK	847-816-5239
NICOR GAS COMPANY	630-388-3830
CONSTANCE LANE	630-388-3830

72 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION. SAID UTILITY COMPANIES WILL ESTABLISH, ON THE GROUND, THE LOCATION OF UNDERGROUND PIPES, MAINS, CONDUITS OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS FOR RESURFACING

CONTRACTOR SHALL MILL BEFORE PATCHING

OPERATION	MIXTURE TYPE	AIR VOIDS	LIFT THICKNESS
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, IL-9.5 mm	4% = 70 GYRATION	1 1/2"
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% = 70 GYRATION	2-1/4" MIN.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% = 50 GYRATION	3/4"-1"
PATCHING	CLASS D PATCH (HMA BINDER IL-19 mm)	4% = 70 GYRATION	2-1/4" MIN.
HMA SHOULDER	SURFACE - SAME AS ROADWAY		
	BINDER - SAME AS ROADWAY		
DRIVEWAY	SURFACE - SAME AS ROADWAY		

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
		/ /		PLOTTED BY: hdsxs 12/1/2009



FAIRFIELD ROAD RESURFACING 2009



FAIRFIELD RD RESURFACING

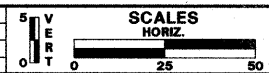
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	2	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	3
F.H.W.A. REG.		ILLINOIS	PROJECT	ARA-9003(467)
CONTRACT NO. 63407				

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SCH. # / SHEET #
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	251	1/4
40600105	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	GALLON	20969	2/4
40600300	AGGREGATE (PRIME COAT)	TON	367	2/4
40600895	CONSTRUCTION TEST STRIP	EACH	1	3/4
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2684	4/5
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	7493	5/5
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4359	6/6
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2776	7/7
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	32440	8/7
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, DEPTH VARIABLE	SQ YD	4213	9/7
44004250	PAVED SHOULDER REMOVAL	SQ YD	5851	10/7
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	173	11/8
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	260	11/8
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	606	11/8
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	692	11/8
48100500	AGGREGATE SHOULDERS, TYPE A, 6"	SQ YD	5596.8	12/8
60300205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	3	13/8
67100100	MOBILIZATION	L SUM	1	14/8
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	15/8
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	15/8
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	16/8
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	14222	17/8
70300510	PAVEMENT MARKING TAPE, TYPE 3 - LETTERS AND SYMBOLS	SQ FT	208	18/9
70300520	PAVEMENT MARKING TAPE, TYPE 3 - 4"	FOOT	26032	19/9
70300530	PAVEMENT MARKING TAPE, TYPE 3 - 5"	FOOT	27002	20/9
70300540	PAVEMENT MARKING TAPE, TYPE 3 - 6"	FOOT	958	21/9
70300560	PAVEMENT MARKING TAPE, TYPE 3 - 12"	FOOT	260	22/9
70300570	PAVEMENT MARKING TAPE, TYPE 3 - 24"	FOOT	71	23/9
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	24/9
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3980	25/9
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	2218	26/10
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	958	27/10
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	260	28/10
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	71	29/10
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	21992	30/10
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	25928	31/10
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	136	32/10
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	175	32/10
81400215	HEAVY-DUTY HANDHOLE TO BE ADJUSTED	EACH	1	33/10
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	384	34/10
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	21	35/11
40600326	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1443	36/11
X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	2	37/11
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	336	38/11
XX006343	SEEDING (COMPLETE)	SQ YD	13349	39/12
XX006947	HOT MIX ASPHALT- DRIVEWAY REMOVAL & REPLACEMENT	SQ YD	291	40/12
XX206400	MAILBOX POST	EACH	18	42/12

◇ SEE SPECIAL PROVISION
* SPECIALTY ITEM

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR/
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
		/ /		PLOTTED BY: hdsxs 12/1/2009



**FAIRFIELD ROAD
RESURFACING 2009**



**FAIRFIELD RD RESURFACING
SUMMARY OF QUANTITIES**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	3	60

1 EXCAVATING AND GRADING EXISTING SHOULDER						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	AREA (SQ FT)	AREA (SQ YD)
MAINLINE SHOULDER						
7+42	18+08.28	LT	1066.28	4.0	4265.1	473.9
7+42	18+06.20	RT	1030.98	4.0	4123.9	458.2
18+08.28	20+0.44	LT	192.16	8.0	1537.3	170.8
18+06.20	20+06.75	RT	200.55	6.6	1323.6	147.1
20+0.44	22+26.06	LT	225.62	4.0	902.5	100.3
20+6.75	22+26.06	RT	219.31	4.0	877.2	97.5
23+16.81	39+50.76	RT	1634.50	4.0	6538.0	726.4
28+00	50+10	LT	1987.12	4.0	7948.5	883.2
39+50.76	41+52.39	RT	192.41	6.0	1154.5	128.3
42+27.5	50+10	RT	782.85	4.0	3131.4	347.9
65+00	66+38	LT	138.00	4.0	552.0	61.3
65+00	67+80	RT	280.00	4.0	1120.0	124.4
84+25	113+30.66	LT	2841.07	4.0	11364.3	1262.7
84+25	102+71.91	RT	1770.60	4.0	7082.4	786.9
106+40.36	111+29.00	RT	484.57	4.0	1938.3	215.4
114+42.37	119+21.07	LT	478.70	4.0	1914.8	212.8
116+10.00	126+37.02	RT	969.17	4.0	3876.7	430.7
121+90.55	130+66.31	LT	809.32	4.0	3237.3	359.7
128+97.46	149+00	RT	1876.00	4.0	7504.0	833.8
131+10.13	134+67.66	LT	357.53	4.0	1430.1	158.9
135+33.89	148+70.52	LT	1336.63	4.0	5346.5	594.1
149+55.64	162+31.13	LT	1225.98	4.0	4903.9	544.9
149+91.74	165+80	RT	1488.70	4.0	5954.8	661.6
163+58.87	164+12.41	LT	54.88	1.0	54.9	6.1
164+12.41	165+80	LT	167.59	4.0	670.4	74.5
184+25	187+02.00	LT	277.00	4.0	1108.0	123.1
184+25	186+53.00	RT	228.00	4.0	912.0	101.3
SIDE ROADS						
Kruger Road		LT	27.25	2.0	54.5	6.1
Kruger Road		RT	37.25	2.0	74.5	8.3
Kruger Road		RT	35.50	2.0	71.0	7.9
Holmes Avenue		RT	23.00	4.0	92.0	10.2
Holmes Avenue		RT	35.60	2.0	71.2	7.9
Lochanora Drive		LT	38.20	2.0	76.4	8.5
Milton Road		RT	30.75	4.0	123.0	13.7
Milton Road		LT	42.50	3.9	163.6	18.2
Milton Road		LT	34.50	4.0	137.3	15.3
Topanga Trail		LT	11.90	0.8	9.5	1.1
Topanga Trail		LT	12.30	0.9	11.1	1.2
Pond Shore Drive		LT	28.32	3.2	90.6	10.1
Pond Shore Drive		LT	28.90	3.4	96.8	10.8
Schwerman Road		LT	13.70	4.0	54.8	6.1
Schwerman Road		RT	27.70	2.8	77.6	8.6
Schwerman Road		RT	36.40	3.2	116.5	12.9
		Total	22779.3			10232.5
		Units (Length/100)	227.79			
PAY ITEM		10% CONTINGENCY	22.78			
20200600		TOTAL	251			

2 BITUMINOUS MATERIALS (PRIME COAT) & AGGREGATE PRIME COAT			
SEE SCHEDULE	Area from Hot-Mix Asphalt Surface Course (SQ. YDS.)		
	LOCATION		Bituminous
6	FAIRFIELD ROAD	48811.4	
	AREA (SQ. YDS.)		
SEE SCHEDULE	Area from Hot-Mix Asphalt Binder Course (SQ. YDS.)		
	LOCATION		Bituminous
5	FAIRFIELD ROAD	45626.6	
	AREA (SQ. YDS.)		
SEE SCHEDULE	Area from Leveling Binder (Machine Method) (SQ. YDS.)		
	LOCATION		Bituminous
36	FAIRFIELD ROAD	32641.6	
	AREA (SQ. YDS.)		
	SUM OF AREAS (SQ. YDS.)	127079.5	
	PRIME TYPE SS-1 @ 0.15 GAL./SQ. YD.		
PAY ITEM	PRIME QUANTITY (GAL.)	19061.9	
40600105	10% CONTINGENCY	1906.2	
	TOTAL PRIME (GAL.)	20968.1	
	AGGREGATE APPLICATION RATE @ 5.25 LBS./SQ. YD.		
PAY ITEM	AGG. QUANTITY (TONS)	333.6	
40600300	10% CONTINGENCY	33.4	
	TOTAL PRIME (TONS)	366.9	
3 CONSTRUCTION TEST STRIP			
PAY ITEM		UNIT	QUANTITY
40600895		LSUM	1

4 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT						
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	AREA (SQ. FT.)	AREA (SQ. YDS.)
END BUTT JOINTS						
49+60	50+10	LT	50.0	11.0	550.0	61.1
49+60	50+10	RT	50.0	11.0	550.0	61.1
65+00	65+50	LT	50.0	11.1	555.0	61.7
65+00	65+50	RT	50.0	11.1	555.0	61.7
67+30	67+80	LT	50.0	23.0	1150.0	127.8
67+30	67+80	RT	50.0	11.0	550.0	61.1
84+25	84+75	LT	50.0	11.3	565.0	62.8
84+25	84+75	RT	50.0	11.3	565.0	62.8
165+30	165+80	LT	50.0	11.0	550.0	61.1
165+30	165+80	RT	50.0	11.0	550.0	61.1
184+25	184+55	LT	30.0	16.0	480.0	53.3
184+25	184+55	RT	30.0	20.0	600.0	66.7
					7220.0	802.2
SIDE ROAD BUTT JOINTS						
Kruger Road		RT	25.0	44.0	1100.0	122.2
Birch Lakes Drive		LT	25.0	45.0	1125.0	125.0
Holmes Avenue		RT	25.0	40.0	1000.0	111.1
Lochanora Drive		LT	25.0	62.0	1550.0	172.2
Milton Road		RT	25.0	44.0	1100.0	122.2
Milton Road		LT	25.0	65.0	1625.0	180.6
Topanga Trail		LT	25.0	33.0	825.0	91.7
Pond Shore drive		LT	25.0	40.0	1000.0	111.1
Schwerman Road		LT	25.0	53.0	1325.0	147.2
Schwerman Road		RT	25.0	65.0	1625.0	180.6
Barnswallow Road		LT	25.0	90.0	2250.0	250.0
					14525.0	1613.9
PAY ITEM 40600982					21745.0	2416.1
5% CONTINGENCY					1087.3	120.8
TOTAL					22832.3	2536.9

*SEE STA. EQUATION ON PLANS

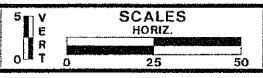
5 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	DEPTH (INCHES)	AREA TO BE PRIMED (SQ. YDS.)	QUANTITY (TONS)
MAINLINE - LEFT							
5+25	7+42	LT	217.0	25.0	2.25	597.0	75.2
7+42	11+23	LT	381.0	17.5	2.25	742.0	93.5
11+23	22+25	LT	1102.0	11.0	2.25	1347.0	169.7
22+25	24+64	LT	239.0	19.0	2.25	506.0	63.8
24+64	28+00	LT	336.0	11.0	2.25	411.0	51.8
28+00	50+10	LT	2199.2*	11.0	2.25	2680.9	337.8
65+04	67+88	LT	284.0	11.0	2.25	346.0	43.6
84+25	165+80	LT	8131.61*	11.0	2.25	9939.2	1252.3
						16569.1	2087.7
MAINLINE - RIGHT							
5+25	7+42	RT	217.0	14.0	2.25	334.0	42.1
7+42	22+25	RT	1483.0	11.0	2.25	1872.0	235.9
22+25	28+00	RT	575.0	11.0	2.25	702.0	88.5
28+00	39+50	RT	1150.0	11.0	2.25	1412.0	177.9
39+50	40+61	RT	100.2*	15.0	2.25	183.0	23.1
40+61	42+33	RT	172.0	21.0	2.25	405.0	51.0
42+33	50+10	RT	777.0	11.0	2.25	949.9	119.7
65+04	67+88	RT	284.0	11.0	2.25	346.0	43.6
84+25	165+80	RT	8131.61*	11.0	2.25	9940.0	1252.4
						16143.9	2034.1
MAINLINE SHOULDER- LEFT							
7+42	22+41	LT	1499.0	4.0	4.5	657.0	165.6
24+64	28+00	LT	336.0	2.0	4.5	75.0	18.9
28+00	47+20	LT	1909.2*	4.0	4.5	843.0	212.4
47+20	47+40	LT	20.0	6.0	4.5	13.0	3.3
47+40	47+60	LT	20.0	8.0	4.5	18.0	4.5
47+60	47+90	LT	30.0	6.0	4.5	20.0	5.0
47+90	50+10	LT	220.0	4.0	4.5	97.8	24.6
65+04	66+52	LT	148.0	4.0	4.5	61.0	15.4
84+25	113+41	LT	2926.55*	4.0	4.5	1297.0	326.8
114+32	119+10	LT	478.0	4.0	4.5	210.0	52.9
119+10	119+42	LT	32.0	7.0	4.5	24.0	6.0
119+42	119+88	LT	46.0	9.0	4.5	45.0	11.3
119+88	121+77	LT	189.0	8.0	4.5	167.0	42.1
121+77	122+04	LT	27.0	6.0	4.5	18.0	4.5
122+04	130+68	LT	841.0	4.0	4.5	373.0	94.0
131+09	134+71	LT	362.0	4.0	4.5	162.0	40.8
135+30	148+70	LT	1340.0	4.0	4.5	597.0	150.4
149+55	162+31	LT	1265.1*	4.0	4.5	562.0	141.6
164+27	165+79	LT	152.0	4.0	4.5	67.0	16.9
184+25	187+40	LT	315.0	4.0	4.5	134.0	33.8
						5440.8	1371.1

*SEE STA. EQUATION ON PLANS

5 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (cont.)							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	DEPTH (INCHES)	AREA TO BE PRIMED (SQ. YDS.)	QUANTITY (TONS)
MAINLINE-SHOULDER- RIGHT							
7+42	22+36	RT	1494.0	4.0	4.50	663.0	167.1
23+17	41+71	RT	1851.2*	4.0	4.50	826.0	208.2
42+01	50+10	RT	824.0	4.0	4.50	364.8	91.9
65+04	67+88	RT	284.0	4.0	4.50	126.0	31.8
84+25	102+22	RT	1797.0	4.0	4.50	822.0	207.1
102+22	106+40	RT	428.55*	2.0	4.50	85.0	21.4
106+40	111+29	RT	489.0	4.0	4.50	214.0	53.9
111+96	126+25	RT	1406*	3.0	4.50	442.0	111.4
126+25	126+55	RT	30.0	6.5	4.50	22.0	5.5
126+55	128+50	RT	195.0	9.0	4.50	195.0	49.1
128+50	129+12	RT	62.0	7.0	4.50	50.0	12.6
129+12	129+63	RT	51.0	4.0	4.50	23.0	5.8
129+63	129+93	RT	30.0	7.0	4.50	24.0	6.0
129+93	130+13	RT	20.0	10.0	4.50	22.0	5.5
130+13	130+33	RT	20.0	7.0	4.50	16.0	4.0
130+33	149+00	RT	1867.0	4.0	4.50	828.0	208.7
149+92	165+80	RT	1577.1*	4.0	4.50	700.0	176.4
184+25	186+42	RT	217.0	4.0	4.50	96.0	24.2
186+42	186+53	RT	11.0	5.0	4.50	6.0	1.5
186+53	187+11	RT	58.0	5.0	4.50	33.0	8.3
187+11	187+39	RT	59.0	2.0	4.50	13.0	3.3
						5570.8	1403.8
Side Roads							
KRUGER ROAD		RT	91.0	15.0	2.25	151.0	19.0
BIRCH LAKES DRIVE		LT	68.0	9.0	2.25	68.0	8.6
HOLMES AVENUE		RT	69.0	12.0	2.25	95.0	12.0
LOCHANORA DRIVE		LT	107.0	17.0	2.25	200.0	25.2
MILTON ROAD		RT	80.0	14.0	2.25	123.0	15.5
MILTON ROAD		LT	112.0	16.0	2.25	195.0	24.6
TOPANGA TRAIL		LT	41.0	13.0	2.25	61.0	7.7
POND SHORE DRIVE		LT	63.0	17.0	2.25	122.0	15.4
SCHWERMANN ROAD		LT	84.0	15.0	2.25	136.0	17.1
SCHWERMANN ROAD		RT	92.0	22.0	2.25	223.0	28.1
BARNSWALLOW LANE		LT	209.0	15.0	2.25	357.0	45.0
IL ROUTE 176		LT	108.0	6.0	2.25	74.0	9.3
IL ROUTE 176		RT	63.0	14.0	2.25	97.0	12.2
						1902.0	239.7
PAY ITEM 40603085						45626.6	7136.4
112 lbs./Sq. Yd./in.						2281.3	356.8
TOTAL						47907.9	7493.2

*SEE STA. EQUATION ON PLANS

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/03	EB	DSGHR/LIAISON
				PLOTTED BY: RUSRHS#04T333*



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
SCHEDULE OF QUANTITIES

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	5	60

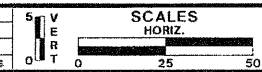
6 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	DEPTH (INCHES)	AREA TO BE PRIMED (SQ. YDS.)	QUANTITY (TONS)
MAINLINE - LEFT							
1+58	3+22	LT	164.0	36.0	2.0	654.0	73.2
3+22	5+25	LT	203.0	28.0	2.0	632.0	70.8
5+25	7+42	LT	217.0	25.0	1.5	597.0	50.1
7+42	11+23	LT	381.0	17.5	1.5	742.0	62.3
11+23	22+25	LT	1102.0	11.0	1.5	1347.0	113.1
22+25	24+64	LT	239.0	19.0	1.5	506.0	42.5
24+64	28+00	LT	336.0	11.0	1.5	411.0	34.5
28+00	50+10	LT	2199.2*	11.0	1.5	2680.9	225.2
65+04	67+88	LT	284.0	11.0	1.5	346.0	29.1
84+25	165+80	LT	8131.61*	11.0	1.5	9939.0	834.9
184+25	187+66	LT	341.0	16.0	1.5	611.0	51.3
						18465.9	1587.1
MAINLINE - RIGHT							
1+58	2+62	RT	104.0	17.0	2.0	200.0	22.4
2+62	5+25	RT	263.0	11.5	2.0	340.0	38.1
5+25	7+42	RT	217.0	14.0	1.5	334.0	28.1
7+42	22+25	RT	1483.0	11.0	1.5	1872.0	157.2
22+25	28+00	RT	575.0	11.0	1.5	702.0	59.0
28+00	39+50	RT	1150.0	11.0	1.5	1412.0	118.6
39+50	40+61	RT	100.2*	15.0	1.5	183.0	15.4
40+61	42+33	RT	172.0	21.0	1.5	405.0	34.0
42+33	50+10	RT	777.0	11.0	1.5	949.9	79.8
65+04	67+88	RT	284.0	11.0	1.5	346.0	29.1
84+25	165+80	RT	8131.61*	11.0	1.5	9940.0	835.0
184+25	187+66	RT	341.0	20.0	1.5	748.0	62.8
						17431.9	1479.4
MAINLINE SHOULDER- LEFT							
7+42	22+41	LT	1499.0	4.0	1.5	657.0	55.2
24+64	28+00	LT	336.0	2.0	1.5	75.0	6.3
28+00	47+20	LT	1909.2*	4.0	1.5	843.0	70.8
47+20	47+40	LT	20.0	6.0	1.5	13.0	1.1
47+40	47+60	LT	20.0	8.0	1.5	18.0	1.5
47+60	47+90	LT	30.0	6.0	1.5	20.0	1.7
47+90	50+10	LT	225.0	4.0	1.5	97.8	8.2
65+04	66+52	LT	148.0	4.0	1.5	61.0	5.1
84+25	113+41	LT	2926.55*	4.0	1.5	1297.0	108.9
114+32	119+10	LT	478.0	4.0	1.5	210.0	17.6
119+10	119+42	LT	32.0	7.0	1.5	24.0	2.0
119+42	119+88	LT	46.0	9.0	1.5	45.0	3.8
119+88	121+77	LT	189.0	8.0	1.5	167.0	14.0
121+77	122+04	LT	27.0	6.0	1.5	18.0	1.5
122+04	130+68	LT	864.0	4.0	1.5	373.0	31.3
131+09	134+71	LT	362.0	4.0	1.5	162.0	13.6
135+30	148+70	LT	1340.0	4.0	1.5	597.0	50.1
149+55	162+31	LT	1265.1*	4.0	1.5	562.0	47.2
164+27	165+79	LT	152.0	4.0	1.5	67.0	5.6
184+25	187+40	LT	315.0	4.0	1.5	134.0	11.3
						5440.8	457.0

*SEE STA. EQUATION ON PLANS

6 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (cont.)								
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	DEPTH (INCHES)	AREA TO BE PRIMED (SQ. YDS.)	QUANTITY (TONS)	
MAINLINE-SHOULDER- RIGHT								
7+42	22+36	RT	1494.0	4.0	1.5	663.0	55.7	
23+17	41+71	RT	1851.2*	4.0	1.5	826.0	69.4	
42+01	50+10	RT	824.0	4.0	1.5	364.8	30.6	
65+04	67+88	RT	284.0	4.0	1.5	126.0	10.6	
84+25	102+22	RT	1797.0	4.0	1.5	822.0	69.0	
102+22	106+40	RT	428.55*	2.0	1.5	85.0	7.1	
106+40	111+29	RT	489.0	4.0	1.5	214.0	18.0	
111+96	126+25	RT	1406*	3.0	1.5	442.0	37.1	
126+25	126+55	RT	30.0	6.5	1.5	22.0	1.8	
126+55	128+50	RT	195.0	9.0	1.5	195.0	16.4	
128+50	129+12	RT	62.0	7.0	1.5	50.0	4.2	
129+12	129+63	RT	51.0	4.0	1.5	23.0	1.9	
129+63	129+93	RT	30.0	7.0	1.5	24.0	2.0	
129+93	130+13	RT	20.0	10.0	1.5	22.0	1.8	
130+13	130+33	RT	20.0	7.0	1.5	16.0	1.3	
130+33	149+00	RT	1867.0	4.0	1.5	828.0	69.6	
149+02	165+80	RT	1577.1*	4.0	1.5	700.0	58.8	
184+25	186+42	RT	217.0	4.0	1.5	96.0	8.1	
186+42	186+53	RT	11.0	5.0	1.5	6.0	0.5	
186+53	187+11	RT	58.0	5.0	1.5	33.0	2.8	
187+11	187+39	RT	59.0	2.0	1.5	13.0	1.1	
						5570.8	467.9	
Side Roads								
KRUGER ROAD		RT	91.0	15.0	1.5	151.0	12.7	
BIRCH LAKES DRIVE		LT	68.0	9.0	1.5	68.0	5.7	
HOLMES AVENUE		RT	69.0	12.0	1.5	95.0	8.0	
LOCHANORA DRIVE		LT	107.0	17.0	1.5	200.0	16.8	
MILTON ROAD		RT	80.0	14.0	1.5	123.0	10.3	
MILTON ROAD		LT	112.0	16.0	1.5	195.0	16.4	
TOPANGA TRAIL		LT	41.0	13.0	1.5	61.0	5.1	
POND SHORE DRIVE		LT	63.0	17.0	1.5	122.0	10.2	
SCHWERMAN ROAD		LT	84.0	15.0	1.5	136.0	11.4	
SCHWERMAN ROAD		RT	92.0	22.0	1.5	223.0	18.7	
BARNSWALLOW LANE		LT	209.0	15.0	1.5	357.0	30.0	
IL ROUTE 176		LT	108.0	6.0	1.5	74.0	6.2	
IL ROUTE 176		RT	63.0	14.0	1.5	97.0	8.1	
						1902.0	159.8	
PAY ITEM 40603340 112 lbs./Sq. Yd./in.						SUBTOTAL	48811.4	4151.3
						5% CONTINGENCY	2440.6	207.6
						TOTAL	51252.0	4358.8

*SEE STA. EQUATION ON PLANS

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
SCHEDULE OF QUANTITIES

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	6	60

7 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"							
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	AREA (SQ. FT.)	AREA (SQ. YDS.)	
1+58	5+25	LT	367	32	11744.0	1304.9	
1+58	5+25	RT	367	13.0	4771.0	530.1	
186+53	187+65.63	LT	112.63	22.0	2477.9	275.3	
186+53	187+65.63	RT	112.63	33.0	3716.8	413.0	
PAY ITEM					SUBTOTAL	22709.7	2523.3
44000155					10% CONTINGENCY	2271.0	252.3
					TOTAL	24980.6	2775.6

8 HOT-MIX ASPHALT SURFACE REMOVAL, 2"							
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	AREA (SQ. FT.)	AREA (SQ. YDS.)	
5+75	7+92	LT	217	13	2821.0	313.4	
5+75	7+92	RT	217	1.7	368.9	41.0	
7+92	11+22.68	LT	330.68	17.1	5667.9	629.8	
7+92	11+22.68	RT	330.68	12.1	3991.3	443.5	
11+22.68	22+98	LT	1175.32	11.3	13281.1	1475.7	
11+22.68	39+55	RT	2832.32	11.1	31438.8	3493.2	
28+00	49+60	LT	2160	11.1	23997.6	2666.4	
39+55	42+32.69	RT	277.69	19.4	5373.3	597.0	
42+32.69	49+60	RT	727.31	11.0	8000.4	888.9	
65+50	67+30	LT	180.0	11.0	1980.0	220.0	
65+50	67+30	RT	180.0	11.0	1980.0	220.0	
84+75	165+30.00	LT	8055.0	11.0	88605.0	9845.0	
84+75	102+22.00	RT	1747.0	11.0	19269.4	2141.0	
106+90.36	111+29.00	RT	438.6	11.0	4824.6	536.1	
116+60	149+00	RT	3240	11.0	35640.0	3960.0	
149+00	149+92.28	RT	92.28	13.7	1264.2	140.5	
149+92.28	165+30	RT	1537.72	11.0	16914.9	1879.4	
SEE STA. EQUATION ON PLANS							
PAY ITEM					SUBTOTAL	265418.4	29490.9
44000157					10% CONTINGENCY	26541.8	2949.1
					TOTAL	291960.2	32440.0

9 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH						
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	AREA (SQ. FT.)	AREA (SQ. YDS.)
5+25	5+75	LT	50	19.0	950.0	105.6
5+25	5+75	RT	50	19.0	950.0	105.6
5+75	7+92	LT	217	12.0	2604.0	289.3
5+75	7+92	RT	217	12.0	2604.0	289.3
22+98.71	28+50	LT	551.29	14.0	7718.1	857.6
102+22	106+90.36	RT	468.36	13.0	6088.7	676.5
111+29	116+60	RT	531	13.0	6903.0	767.0
119+10.16	122+17	LT	306.84	8.0	2454.7	272.7
126+25	129+12	RT	287	9.0	2583.0	287.0
163+59	164+12	LT	53	9.0	477.0	53.0
186+23	186+53	LT	30	16.0	480.0	53.3
186+23	186+53	RT	30	22.0	660.0	73.3

SEE STATION EQUATION ON PLANS							
PAY ITEM					SUBTOTAL	34472.5	3830.3
44000198					10% CONTINGENCY	3447.2	383.0
					TOTAL	37919.7	4213.3

10 PAVED SHOULDER REMOVAL							
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	AREA (SQ. FT.)	AREA (SQ. YDS.)	
Mainline Shoulder							
7+42.00	22+26.06	LT	1484.06	2.0	2968.1	329.8	
7+42.00	22+26.06	RT	1484.06	2.1	3116.5	346.3	
23+16.81	39+50.76	RT	1633.95	2.1	3349.6	372.2	
28+00	50+10	LT	2188.40	2.2	4814.5	534.9	
42+32.70	50+10	RT	777.30	2.0	1554.6	172.7	
65+00	66+38.00	LT	138.00	2.0	276.0	30.7	
65+00	67+80	RT	280.00	2.0	560.0	62.2	
84+25	113+30.06	LT	2925.55	2.1	6026.6	669.6	
84+25	102+71.91	RT	1846.91	2.1	3878.5	430.9	
106+40.36	111+29.00	RT	488.64	2.0	977.3	108.6	
114+42.37	119+10.17	LT	467.80	2.0	935.6	104.0	
122+17.00	130+66.31	LT	803.31	2.1	1687.0	187.4	
116+10.00	126+25.04	RT	969.04	2.1	1986.5	220.7	
129+11.79	149+00	RT	1988.21	2.3	4493.4	499.3	
131+10.13	134+67.66	LT	356.93	2.0	713.9	79.3	
135+33.89	148+70.52	LT	1336.63	2.0	2673.3	297.0	
149+55.64	162+31.13	LT	1253.69	2.1	2632.7	292.5	
149+91.74	165+80	RT	1566.46	2.2	3446.2	382.9	
164+12.41	165+80	LT	167.59	2.0	335.2	37.2	
184+25	187+02.00	LT	277.20	2.1	582.1	64.7	
184+25	186+53.00	RT	228.20	2.1	479.2	53.2	
Side Roads							
Kruger Road		LT			88.9	9.9	
Kruger Road		RT			98.4	10.9	
Holmes Avenue		RT			90.9	10.1	
Lochenora Drive		LT			102.6	11.4	
PAY ITEM					SUBTOTAL	47867.6	5318.6
44004250					10% CONTINGENCY	4786.8	531.9
					TOTAL	52654.3	5850.5

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCOOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
				PLOTTED BY: RUSNR #04T###



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
SCHEDULE OF QUANTITIES

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	7	60

11 CLASS D PATCHES, of type specified, 10 INCH				
AREA (SQ-YD)				
AREA OF MAINLINE BITUMINOUS CONCRETE SURFACE COARSE				34615.0
PATCHING @ 5%				1730.8
PAY ITEM	DESCRIPTION	% OF TOTAL	QUANTITY	
44201761	CLASS D PATCHES, TYPE I, 10 INCH	10%	173.1	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	15%	259.6	
44201769	CLASS D PATCHES, TYPE III, 10 INCH	35%	605.8	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	40%	692.3	
TOTAL		100%	1730.8	

12 AGGREGATE SHOULDERS, TYPE A, 6"								
STATION	ITEM	LT/RT	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	AREA (SQ. YDS.)	QUANTITY (TONS)	
7+42	18+8.28	LT	1066.28	2.0	6.0	237.0	78.2	
7+42	18+6.20	RT	1017.44	2.0	6.0	226.1	74.6	
18+08.28	20+0.44	LT	192.16	6.1	6.0	129.2	42.6	
18+06.20	20+6.75	RT	200.55	4.7	6.0	104.7	34.6	
20+0.44	22+26.06	LT	225.62	2.0	6.0	50.1	16.5	
20+6.75	22+26.06	RT	219.31	2.0	6.0	48.7	16.1	
23+16.81	41+52.39	RT	1816.11	2.0	6.0	403.6	133.2	
28+00	50+10	LT	1987.12	2.0	6.0	441.6	145.7	
42+27.15	50+10	RT	782.85	2.0	6.0	174.0	57.4	
65+00	66+38.00	LT	138.00	2.0	6.0	30.7	10.1	
65+00	67+80	RT	280.00	2.0	6.0	62.2	20.5	
84+25	113+30.08	LT	2841.07	2.0	6.0	631.3	208.3	
84+25	102+71.91	RT	1770.60	2.0	6.0	393.5	129.8	
106+40.36	111+29.00	RT	484.57	2.0	6.0	107.7	35.5	
114+42.37	119+21.07	LT	478.70	2.0	6.0	106.4	35.1	
116+10.00	126+37.02	RT	969.17	2.0	6.0	215.4	71.1	
121+90.55	130+66.31	LT	809.32	2.0	6.0	179.8	59.4	
128+97.46	149+00	RT	1876.00	2.0	6.0	416.9	137.6	
131+10.13	134+67.66	LT	357.53	2.0	6.0	79.5	26.2	
135+33.89	148+70.52	LT	1336.63	2.0	6.0	297.0	98.0	
149+55.64	162+31.13	LT	1225.98	2.0	6.0	272.4	89.9	
149+91.74	165+80	RT	1488.70	2.0	6.0	330.8	109.2	
164+12.41	165+80	LT	167.59	2.0	6.0	37.2	12.3	
184+25	187+02.00	LT	277.00	2.0	6.0	61.6	20.3	
184+25	186+53.00	RT	228.00	2.0	6.0	50.7	16.7	
PAY ITEM						SUBTOTAL	5088.0	1679.1
48100500						10% CONTINGENCY	508.8	167.9
TOTAL						5596.8	1847.0	

13 FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)				
STATION	OFFSET	LT/RT	DESCRIPTION	
119+88	17.3	LT	MANHOLE	
121+35	19.5	LT	MANHOLE	
121+38	19.5	LT	MANHOLE	
PAY ITEM				
60300310				TOTAL 3
SEE STA. EQUATION ON PLANS				

14 MOBILIZATION			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
67100100	SEE SECTION 671 OF THE HIGHWAY STANDARDS	LSUM	1

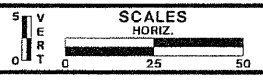
15 TRAFFIC CONTROL AND PROTECTION			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	2

16 CHANGEABLE MESSAGE SIGN			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
70106800		CAL MO	4

17 SHORT TERM PAVEMENT MARKING						
4" DOUBLE SOLID: 4' DASH - 40' SPACE YELLOW LINE = LENGTH X 0.1X2						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
184+55	185+30	LT	75.0	MEDIAN	15.0	
184+55	185+30	RT	75.0	MEDIAN	15.0	
185+30	186+23	C/L	93.0	D. YELLOW C/L	18.6	
LENGTH PER APPLICATION					48.6	
1 APPLICATIONS					48.6	
1+55.09	5+22.59	LT	400.0	CONC. MEDIAN	80.0	
1.55+09	5+22.59	RT	400.0	CONC. MEDIAN	80.0	
184+25	184+55	LT	30.0	MEDIAN	6.0	
184+25	184+55	RT	30.0	MEDIAN	6.0	
186+23	187+10	C/L	87.0	D. YELLOW C/L	17.4	
LENGTH PER APPLICATION					189.4	
2 APPLICATIONS					378.8	
5+22.59	7+00	LT	177.4	MEDIAN	35.48	
5+22.59	7+00	RT	177.4	MEDIAN	35.48	
7+00	11+22.59	LT	422.6	MEDIAN	84.52	
7+00	11+22.59	RT	422.6	MEDIAN	84.52	
11+22.59	22+54.74	C/L	1132.2	D. YELLOW C/L	226.43	
22+96.5	41+65	C/L	1858.1	D. YELLOW C/L	371.618	
42+19.03	50+15	C/L	796.0	D. YELLOW C/L	159.194	
65+05	66+76.12	C/L	171.1	D. YELLOW C/L	34.224	
67+25.35	67+88	C/L	62.7	D. YELLOW C/L	12.53	
84+25	111+30.53	C/L	2705.5	D. YELLOW C/L	541.106	
111+89.00	113+47.07	C/L	158.1	D. YELLOW C/L	31.614	
114+10.5	130+67.57	C/L	1657.1	D. YELLOW C/L	331.414	
131+08.89	134+74.03	C/L	365.1	D. YELLOW C/L	73.028	
135+25.97	148+80.68	C/L	1354.7	D. YELLOW C/L	270.942	
149+70.00	150+21.50	C/L	51.5	D. YELLOW C/L	10.3	
150+21.5	152+72	C/L	250.5	D. YELLOW C/L	50.1	
152+72	160+24.78	C/L	752.8	D. YELLOW C/L	150.556	
160+24.78	161+80.43	C/L	155.7	D. YELLOW C/L	31.13	
161+80.43	162+50	C/L	69.6	D. YELLOW C/L	13.914	
162+83.70	165+80	C/L	296.3	D. YELLOW C/L	59.26	
LENGTH PER APPLICATION					2607.4	
4 APPLICATIONS					10429.4	
TOTAL OVERALL LENGTH 10856.8						

17 SHORT TERM PAVEMENT MARKING (cont.)							
4" SOLID WHITE LINE							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)		
184+55	185+30	RT	75.0	2-6' SKIP DASH	18.8		
185+30	186+23	RT	93.0	TURN LANE SOLID	93.0		
LENGTH PER APPLICATION					111.8		
1 APPLICATIONS					111.8		
1+62.59	3+22.59	LT	160.0	TURN LANE SOLID	160.0		
1+62.59	5+22.59	LT	360.0	TURN LANE SOLID	360.0		
3+22.59	5+22.59	LT	200.0	2-6' SKIP DASH	50.0		
184+25	184+55	RT	30.0	2-6' SKIP DASH	7.5		
186+23	187+10	RT	87.0	TURN LANE SOLID	87.0		
LENGTH PER APPLICATION					664.5		
2 APPLICATIONS					1329.0		
5+22.59	7+22.59	LT	200.0	2-6' SKIP DASH	50.0		
39+55	40+60.8	RT	105.8	2-6' SKIP DASH	26.5		
40+60.8	41+65.8	RT	105.0	TURN LANE SOLID	105.0		
LENGTH PER APPLICATION					181.5		
4 APPLICATIONS					725.8		
SUBTOTAL						2166.6	
LETTERS AND SYMBOLS - 4" WHITE LINE							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (SQ. FEET)		
185+40	185+72	RT	32	LEFT TURN ONLY	109		
LENGTH PER APPLICATION					109.0		
1 APPLICATIONS					109.0		
1+72.59	2+04.59	LT	32	LEFT TURN ONLY	109		
3+12.59	2+80.59	LT	32	LEFT TURN ONLY	109		
5+12.59	4+80.59	LT	32	LEFT TURN ONLY	109		
LENGTH PER APPLICATION					327.0		
2 APPLICATIONS					654.0		
40+70.8	41+02.8	RT	32	RIGHT TURN ONLY	109		
LENGTH PER APPLICATION					109.0		
4 APPLICATIONS					436.0		
PAY ITEM						SUBTOTAL	1199.0
70300100						TOTAL	14222.4

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCOOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
				PLOTTED BY: []



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
SCHEDULE OF QUANTITIES

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	8	60

18 PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS						
FROM	TO	LEFT OR RIGHT	LENGTH	DESCRIPTION	QUANTITY (SQ. FEET)	
1+72.59	2+04.59	LT		LEFT TURN ONLY	36.4	
3+12.59	2+80.59	LT		LEFT TURN ONLY	36.4	
5+12.59	4+80.59	LT		LEFT TURN ONLY	36.4	
40+70.8	41+02.8	RT		RIGHT TURN ONLY	36.4	
185+40	185+72	RT		LEFT TURN ONLY	36.4	
185+64.13	185+76.88	RT		STRAIGHT AND RIGHT ARROW	26	
PAY ITEM						
70300510					TOTAL	208.0

19 PAVEMENT MARKING TAPE, TYPE III - LINE 4"						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
4" 10/30 SKIP/DASH YELLOW LINE = LENGTH X 0.25						
4" SOLID YELLOW WITH 10/30 SKIP/DASH = LENGTH X 1.275						
4" DOUBLE SOLID YELLOW LINE = LENGTH X 2						
4" 10/30 SKIP/DASH WHITE LINE = LENGTH X 0.25						
1+55.09	5+22.59	LT	400.0	CONC. MEDIAN	400.0	
1.55+09	5+22.59	RT	400.0	CONC. MEDIAN	400.0	
5+22.59	7+00	LT	177.4	MEDIAN	354.8	
5+22.59	7+00	RT	177.4	MEDIAN	354.8	
7+00	11+22.59	LT	422.6	MEDIAN	845.2	
7+00	11+22.59	RT	422.6	MEDIAN	845.2	
11+22.59	22+54.74	C/L	1132.2	D. YELLOW C/L	2264.3	
22+96.5	41+65	C/L	1858.1	D. YELLOW C/L	3716.2	
42+19.03	50+15	C/L	796.0	D. YELLOW C/L	1591.9	
65+05	66+76.12	C/L	171.1	D. YELLOW C/L	342.2	
67+25.35	67+88	C/L	62.7	D. YELLOW C/L	125.3	
84+25	111+30.53	C/L	2705.5	D. YELLOW C/L	5411.1	
111+89.00	113+47.07	C/L	158.1	D. YELLOW C/L	316.1	
114+10.5	130+67.57	C/L	1657.1	D. YELLOW C/L	3314.1	
131+08.89	134+74.03	C/L	365.1	D. YELLOW C/L	730.3	
135+25.97	148+80.68	C/L	1354.7	D. YELLOW C/L	2709.4	
149+70.00	150+21.50	C/L	51.5	D. YELLOW C/L	103.0	
150+21.5	152+72	C/L	250.5	10-30' SOLID SKIP	313.1	
152+72	160+24.78	C/L	752.8	10-30' SOLID DASH	188.2	
160+24.78	161+80.43	C/L	155.7	10-30' SOLID SKIP	194.6	
161+80.43	162+50	C/L	69.6	D. YELLOW C/L	139.1	
162+83.70	165+80	C/L	296.3	D. YELLOW C/L	592.6	
184+25	185+30	LT	105.0	MEDIAN	210.0	
184+25	185+30	RT	105.0	MEDIAN	210.0	
185+30	187+10	C/L	180.0	D. YELLOW C/L	360.0	
PAY ITEM						
70300520					TOTAL	26031.9

20 PAVEMENT MARKING TAPE, TYPE III - LINE 5"						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
5" SOLID WHITE LINE (FEET)						
OLD MCHENRY ROAD		LT	27.9	RETURN AT INTERSECTION	27.9	
OLD MCHENRY ROAD		RT	40.9	RETURN AT INTERSECTION	40.9	
1+83.76	22+28.3	LT	2044.5	EDGE LINE	2044.5	
1+94.95	22+26.06	RT	2031.1	EDGE LINE	2031.1	
KRUGER ROAD		LT	40.1	RETURN AT INTERSECTION	40.1	
KRUGER ROAD		RT	49.1	RETURN AT INTERSECTION	49.1	
KRUGER ROAD		RT	49.8	RETURN AT INTERSECTION	49.8	
23+21.16	50+15	LT	2963.8	EDGE LINE	2963.8	
23+16.81	41+43.62	RT	1826.8	EDGE LINE	1826.8	
HOLMES AVENUE		RT	35.7	RETURN AT INTERSECTION	35.7	
HOLMES AVENUE		RT	46.6	RETURN AT INTERSECTION	46.6	
42+32.70	50+15	RT	782.3	EDGE LINE	782.3	
65+05	66+38.1	LT	133.1	EDGE LINE	133.1	
65+05	67+88	RT	283.0	EDGE LINE	283.0	
LOCHANORA DRIVE		LT	54.4	RETURN AT INTERSECTION	54.4	
LOCHANORA DRIVE		LT	41.3	RETURN AT INTERSECTION	41.3	
67+44.8	67+88	LT	43.2	EDGE LINE	43.2	
84+25	113+30.06	LT	2905.1	EDGE LINE	2905.1	
84+25	111+15.90	RT	2690.0	EDGE LINE	2690.0	
111+94	148+99	RT	3705.0	EDGE LINE	3705.0	
114+42.37	130+67.57	LT	1625.2	EDGE LINE	1625.2	
131+08.89	134+58.84	LT	350.0	EDGE LINE	350.0	
135+31.85	148+70.62	LT	1338.8	EDGE LINE	1338.8	
SCHWERMAN ROAD		LT	53.2	RETURN AT INTERSECTION	53.2	
149+54.96	162+31.13	LT	1276.2	EDGE LINE	1276.2	
150+07.94	165+80	RT	1572.1	EDGE LINE	1572.1	
163+03.25	165+80	LT	276.8	EDGE LINE	276.8	
184+25	187+18.95	LT	294.0	EDGE LINE	294.0	
184+25	186+94.54	RT	269.5	EDGE LINE	269.5	
IL RT 176		LT	73.3	RETURN AT INTERSECTION	73.3	
IL RT 176		RT	79.1	RETURN AT INTERSECTION	79.1	
PAY ITEM						
70300530					TOTAL	27001.6

21 PAVEMENT MARKING TAPE, TYPE III - LINE 6"						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
6" SOLID WHITE LINE						
1+62.59	3+22.59	LT	160.0	TURN LANE SOLID	160.0	
1+62.59	5+22.59	LT	360.0	TURN LANE SOLID	360.0	
3+22.59	5+22.59	LT	200.0	2-6' SKIP DASH	50.0	
5+22.59	7+22.59	LT	200.0	2-6' SKIP DASH	50.0	
39+55	40+60.8	RT	105.8	2-6' SKIP DASH	26.5	
40+60.8	41+65.8	RT	105.0	TURN LANE SOLID	105.0	
184+25	185+30	RT	105.0	2-6' SKIP DASH	26.3	
185+30	187+10	RT	180.0	TURN LANE SOLID	180.0	
PAY ITEM						
70300540					TOTAL	957.7

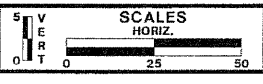
22 PAVEMENT MARKING TAPE, TYPE III - LINE 12"						
FROM	TO	NUMBER OF STRIPES	AVG. LENGTH	DESCRIPTION	QUANTITY (FEET)	
12" SOLID YELLOW LINE						
5+22.59	11+22.59	22	11.4	MEDIAN DIAGONAL	249.8	
184+25	185+30	3	3.3	MEDIAN DIAGONAL	9.9	
PAY ITEM						
70300560					TOTAL	259.8

23 PAVEMENT MARKING TAPE, TYPE III - LINE 24"						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
1+62.59		LT	43.93	STOP BAR	43.93	
187+10		RT	27.49	STOP BAR	27.49	
PAY ITEM						
70300570					TOTAL	71.4

24 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS						
FROM	TO	LEFT OR RIGHT	LENGTH	DESCRIPTION	QUANTITY (SQ. FEET)	
1+72.59	2+04.59	LT		LEFT TURN ONLY	36.4	
3+12.59	2+80.59	LT		LEFT TURN ONLY	36.4	
5+12.59	4+80.59	LT		LEFT TURN ONLY	36.4	
40+70.8	41+02.8	RT		RIGHT TURN ONLY	36.4	
185+40	185+72	RT		LEFT TURN ONLY	36.4	
PAY ITEM						
78000100					TOTAL	182.0

25 THERMOPLASTIC PAVEMENT MARKING - LINE 4"						
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	
4" 10/30 SKIP/DASH YELLOW LINE = LENGTH X 0.25						
4" SOLID YELLOW WITH 10/30 SKIP/DASH = LENGTH X 1.275						
4" DOUBLE SOLID YELLOW LINE = LENGTH X 2						
4" 10/30 SKIP/DASH WHITE LINE = LENGTH X 0.25						
1+55.09	5+22.59	LT	400.0	CONC. MEDIAN	400.0	
1.55+09	5+22.59	RT	400.0	CONC. MEDIAN	400.0	
5+22.59	7+00	LT	177.4	MEDIAN	354.8	
5+22.59	7+00	RT	177.4	MEDIAN	354.8	
7+00	11+22.59	LT	422.6	MEDIAN	845.2	
7+00	11+22.59	RT	422.6	MEDIAN	845.2	
184+25	185+30	LT	105.0	MEDIAN	210.0	
184+25	185+30	RT	105.0	MEDIAN	210.0	
185+30	187+10	C/L	180.0	D. YELLOW C/L	360.0	
PAY ITEM						
78000200					TOTAL	3980.3

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCOOT REVIEW COMMENTS	10/06/09	EB	DSGNR/LIAISON



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING	ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
SCHEDULE OF QUANTITIES	CH 49	113	08-00999-01-RS	9	60

26 THERMOPLASTIC PAVEMENT MARKING - LINE 5"					
5" SOLID WHITE LINE (FEET)					
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)
OLD MCHENRY ROAD		LT	41.4	RETURN AT INTERSECTION	41.4
OLD MCHENRY ROAD		RT	79.2	RETURN AT INTERSECTION	79.2
KRUGER ROAD		LT	42.9	RETURN AT INTERSECTION	42.9
KRUGER ROAD		LT	45.5	RETURN AT INTERSECTION	45.5
KRUGER ROAD		RT	50.5	RETURN AT INTERSECTION	50.5
KRUGER ROAD		RT	49.8	RETURN AT INTERSECTION	49.8
39+55	41+70.61	RT	219.2*	EDGE LINE	219.2
HOLMES AVENUE		RT	35.7	RETURN AT INTERSECTION	35.7
HOLMES AVENUE		RT	46.6	RETURN AT INTERSECTION	46.6
LOCHANORA DRIVE		LT	56.8	RETURN AT INTERSECTION	56.8
LOCHANORA DRIVE		LT	41.3	RETURN AT INTERSECTION	41.3
MILTON ROAD		RT	42.6	RETURN AT INTERSECTION	42.6
MILTON ROAD		RT	35.0	RETURN AT INTERSECTION	35.0
MILTON ROAD		LT	57.1	RETURN AT INTERSECTION	57.1
MILTON ROAD		LT	48.8	RETURN AT INTERSECTION	48.8
TOPANGA TRAIL		LT	19.2	RETURN AT INTERSECTION	19.2
TOPANGA TRAIL		LT	19.1	RETURN AT INTERSECTION	19.1
POND SHORE DRIVE		LT	39.1	N AT INTERSECTION	39.1
POND SHORE DRIVE		LT	40.1	RETURN AT INTERSECTION	40.1
SCHWERMAN ROAD		LT	37.1	RETURN AT INTERSECTION	37.1
SCHWERMAN ROAD		LT	58.8	N AT INTERSECTION	58.8
SCHWERMAN ROAD		RT	39.3	RETURN AT INTERSECTION	39.3
SCHWERMAN ROAD		RT	80.3	RETURN AT INTERSECTION	803.0
BARNSWALLOW LANE		LT	62.5	RETURN AT INTERSECTION	62.5
BARNSWALLOW LANE		LT	62.5	RETURN AT INTERSECTION	62.5
IL RT 176		LT	73.3	RETURN AT INTERSECTION	73.3
IL RT 176		RT	71.5	RETURN AT INTERSECTION	71.5
PAY ITEM					
78000300					TOTAL 2217.8

27 THERMOPLASTIC PAVEMENT MARKING - LINE 6"					
6" SOLID WHITE LINE					
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)
1+62.59	3+22.59	LT	160.0	TURN LANE SOLID	160.0
1+62.59	5+22.59	LT	360.0	TURN LANE SOLID	360.0
3+22.59	5+22.59	LT	200.0	2-6' SKIP DASH	50.0
5+22.59	7+22.59	LT	200.0	2-6' SKIP DASH	50.0
39+55	40+60.8	RT	105.8	2-6' SKIP DASH	26.5
40+60.8	41+65.8	RT	105.0	TURN LANE SOLID	105.0
184+25	185+30	RT	105.0	2-6' SKIP DASH	26.3
185+30	187+10	RT	180.0	TURN LANE SOLID	180.0
PAY ITEM					
78000400					TOTAL 957.7

*SEE STA. EQUATION ON PLANS

28 THERMOPLASTIC PAVEMENT MARKING - LINE 12"					
12" SOLID YELLOW LINE					
FROM	TO	NUMBER OF STRIPES	AVG. LENGTH	DESCRIPTION	QUANTITY (FEET)
5+22.59	11+22.59	22	11.4	MEDIAN DIAGONAL	249.8
184+25	185+30	3	3.3	MEDIAN DIAGONAL	9.9
PAY ITEM					
78000600					TOTAL 259.8

29 THERMOPLASTIC PAVEMENT MARKING - LINE 24"					
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)
1+62.59		LT	43.93	STOP BAR	43.93
187+10		RT	27.49	STOP BAR	27.49
PAY ITEM					
78000650					TOTAL 71.4

30 PAINT PAVEMENT MARKING - LINE 4"					
4" 10/30 SKIP/DASH YELLOW LINE = LENGTH X 0.25					
4" SOLID YELLOW WITH 10/30 SKIP/DASH = LENGTH X 1.275					
4" DOUBLE SOLID YELLOW LINE = LENGTH X 2					
4" 10/30 SKIP/DASH WHITE LINE = LENGTH X 0.25					
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)
11+22.59	22+54.74	C/L	1132.2	D. YELLOW C/L	2264.3
22+96.5	41+65	C/L	1858.1	D. YELLOW C/L	3716.2
42+19.03	50+10	C/L	780.17*	D. YELLOW C/L	1560.3
65+05	66+76.12	C/L	171.1	D. YELLOW C/L	342.2
67+25.35	67+88	C/L	62.7	D. YELLOW C/L	125.3
84+25	111+30.53	C/L	2716.05*	D. YELLOW C/L	5432.1
111+89.00	113+47.07	C/L	158.1	D. YELLOW C/L	316.1
114+10.5	130+67.57	C/L	1634.1*	D. YELLOW C/L	3268.2
131+08.89	134+74.03	C/L	365.1	D. YELLOW C/L	730.3
135+25.97	148+80.68	C/L	1354.7	D. YELLOW C/L	2709.4
149+70.00	150+21.50	C/L	51.5	D. YELLOW C/L	103.0
150+21.5	152+72	C/L	250.5	10-30' SOLID SKIP	313.1
152+82.90	160+24.78	C/L	741.9	10-30' SOLID DASH	185.5
160+24.78	161+80.43	C/L	155.7	10-30' SOLID SKIP	194.6
161+80.43	162+50	C/L	69.6	D. YELLOW C/L	139.1
162+83.70	165+80	C/L	296.3	D. YELLOW C/L	592.6
PAY ITEM					
78001110					TOTAL 21992.4

*SEE STA. EQUATION ON PLANS

31 PAINT PAVEMENT MARKING - LINE 5"					
5" SOLID WHITE LINE (FEET)					
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)
1+83.76	22+28.3	LT	2044.5	EDGE LINE	2044.5
1+94.95	22+26.06	RT	2031.1	EDGE LINE	2031.1
23+21.16	50+10	LT	2678.04*	EDGE LINE	2678.0
23+16.81	39+55	RT	1627.39*	EDGE LINE	1627.4
42+32.70	50+10	RT	777.3	EDGE LINE	777.3
65+05	66+38.1	LT	133.1	EDGE LINE	133.1
65+05	67+80	RT	275.0	EDGE LINE	275.0
67+44.8	67+80	LT	43.2	EDGE LINE	35.2
84+25	113+30.06	LT	2915.65*	EDGE LINE	2915.7
84+25	111+15.90	RT	2700.55*	EDGE LINE	2700.6
111+94	148+99	RT	3682*	EDGE LINE	3682.0
114+42.37	130+67.57	LT	1602.2*	EDGE LINE	1602.2
131+08.89	134+58.84	LT	350.0	EDGE LINE	350.0
135+31.85	148+70.62	LT	1338.8	EDGE LINE	1338.8
149+54.96	162+31.13	LT	1307.1*	EDGE LINE	1307.1
150+07.94	165+80	RT	1583.0*	EDGE LINE	1583.0
163+03.25	165+80	LT	276.8	EDGE LINE	276.8
184+25	187+25.51	LT	300.5	EDGE LINE	300.5
184+25	186+94.54	RT	269.5	EDGE LINE	269.5
PAY ITEM					
78001120					TOTAL 25927.6

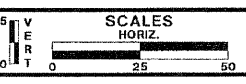
*SEE STA. EQUATION ON PLANS

32 RAISED REFLECTIVE PAVEMENT MARKERS REMOVAL &				
From	To	Removal	Proposed	
1+62.83	14+47.07	71	71	
26+95.87	41+46.73	30	65	
88+01.29	105+50.94	46	0	
131+08.87	142+05.56	28	0	
TOTAL		175	136	
PAY ITEM		78300200	78100100	

33 HEAVY-DUTY HANDHOLES TO BE ADJUSTED (SPECIAL)			
STATION	OFFSET	LT/RT	DESCRIPTION
1+58.83	13.5	LT	TRAFFIC - HDHH
TOTAL			1
PAY ITEM			
81400215			

34 DETECTOR LOOP REPLACEMENT			
From	To	Quantity (LF)	
1+47.83	1+83.83	192	
186+84	187+65.00	192	
PAY ITEM			
88600600			TOTAL 384.0

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSCNR/LIAISON
				PLOTTED BY: FUSRNF REDAT/EEG



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
SCHEDULE OF QUANTITIES

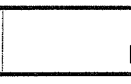
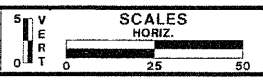
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	10	60

35 TEMPORARY ACCESS (PRIVATE ENTRANCE)								
FROM	TO	LT/RT	LENGTH (FEET)	AVG. WIDTH (FEET)	DEPTH (INCHES)	AREA (SQ. YDS.)	QUANTITY (TONS)	
DRIVEWAY BUTT JOINTS								
10+86.71		RT	12.0	6.0	8.0	8.0	3.5	
31+42.8		LT	12.0	6.0	8.0	8.0	3.5	
33+05.51		RT	12.0	6.0	8.0	8.0	3.5	
43+95.37		LT	12.0	6.0	8.0	8.0	3.5	
47+79.96		LT	12.0	6.0	8.0	8.0	3.5	
86+45.53		RT	12.0	6.0	8.0	8.0	3.5	
93+12.81		LT	12.0	6.0	8.0	8.0	3.5	
99+10.32		RT	12.0	6.0	8.0	8.0	3.5	
101+40.03		RT	12.0	6.0	8.0	8.0	3.5	
106+92.18		LT	12.0	6.0	8.0	8.0	3.5	
122+52.38		RT	12.0	6.0	8.0	8.0	3.5	
122+94.89		LT	12.0	6.0	8.0	8.0	3.5	
129+77.02		RT	12.0	6.0	8.0	8.0	3.5	
131+85.56		RT	12.0	6.0	8.0	8.0	3.5	
140+23.29		RT	12.0	6.0	8.0	8.0	3.5	
153+69.72		RT	12.0	6.0	8.0	8.0	3.5	
155+15.86		LT	12.0	6.0	8.0	8.0	3.5	
157+09.85		RT	12.0	6.0	8.0	8.0	3.5	
157+58.01		LT	12.0	6.0	8.0	8.0	3.5	
160+24.56		RT	12.0	6.0	8.0	8.0	3.5	
165+09.15		RT	12.0	6.0	8.0	8.0	3.5	
PAY ITEM							SUBTOTAL	73.9
X4021000							10% CONTINGENCY	7.4
						TOTAL	81.3	

36 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50							
FROM	TO	LEFT OR RIGHT	LENGTH (FEET)	AVERAGE WIDTH (FEET)	DEPTH (INCHES)	AREA TO BE PRIMED (SQ. YDS.)	QUANTITY (TONS)
Mainline - Left							
5+25	7+42	LT	217.0	25.0	0.75	602.8	24.9
7+42	11+23	LT	381.0	17.5	0.75	740.8	30.6
11+23	22+25	LT	1102.0	11.0	0.75	1346.9	55.6
22+25	24+64	LT	239.0	19.0	0.75	504.6	20.8
24+64	28+00	LT	336.0	11.0	0.75	410.7	16.9
28+00	50+10	LT	2199.2	11.0	0.75	2687.9	110.9
65+04	67+88	LT	284.0	11.0	0.75	347.1	14.3
84+25	165+80	LT	8131.6	11.0	0.75	9938.6	410.0
Mainline - Right							
5+25	7+42	RT	217.0	14.0	0.75	337.6	13.9
7+42	22+25	RT	1483.0	11.0	0.75	1812.6	74.8
22+25	28+00	RT	575.0	11.0	0.75	702.8	29.0
28+00	39+50	RT	1150.0	11.0	0.75	1405.6	58.0
39+50	40+61	RT	100.2	15.0	0.75	167.0	6.9
40+61	42+33	RT	172.0	21.0	0.75	401.3	16.6
42+33	50+10	RT	777.0	11.0	0.75	949.7	39.2
65+04	67+88	RT	284.0	11.0	0.75	347.1	14.3
84+25	165+80	RT	8131.6	11.0	0.75	9938.6	410.0
						SUBTOTAL	32641.6
PAY ITEM X4067107 110 lbs./Sq. Yd./in.						5% CONTINGENCY	1632.1
						TOTAL	34273.6

37 ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)			
PAY ITEM			CAL MO
X6700405			2
38 PAINT PAVEMENT MARKING - RAISED MEDIAN			
			AREA (SQ. FT.)
			SUBTOTAL
			305
PAY ITEM	10% CONTINGENCY		30.5
X7800100	TOTAL		335.5

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING	ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
SCHEDULE OF QUANTITIES	CH 49	113	08-00999-01-RS	11	60

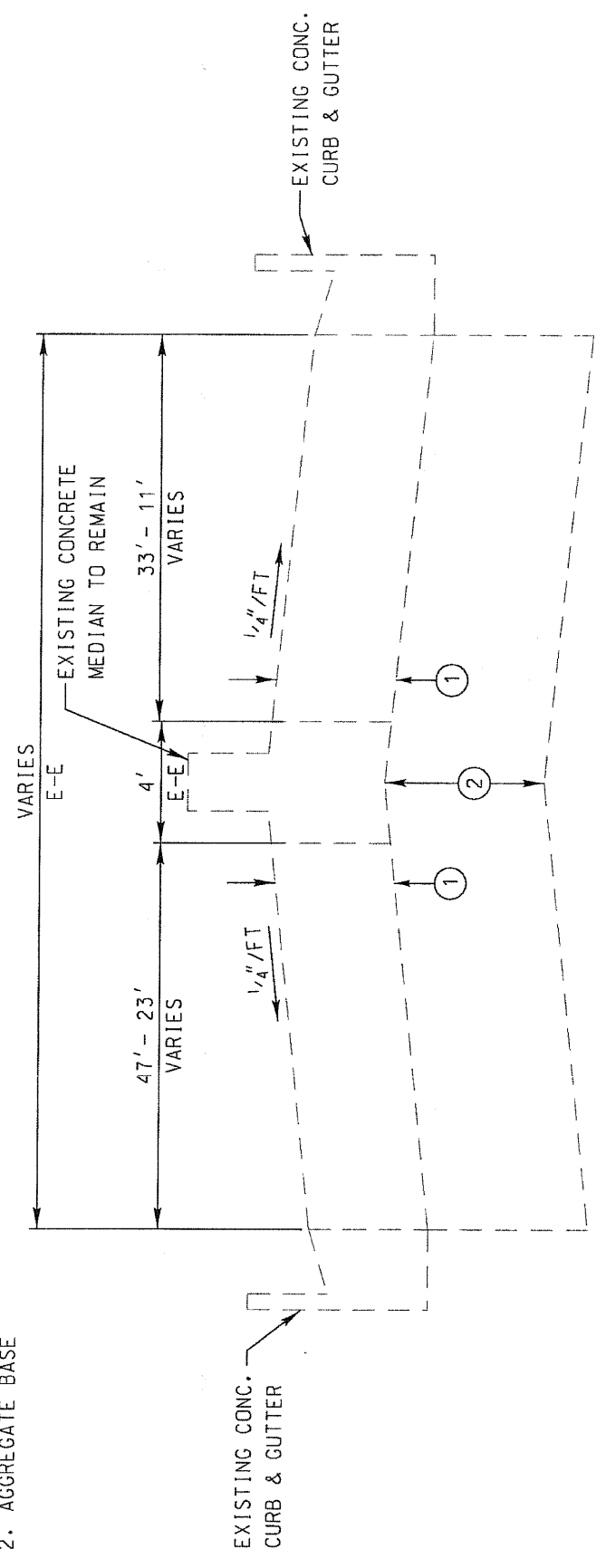
39 SEEDING (COMPLETE)							
FROM STATION	TO STATION	LT/RT	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ FT)	AREA (SQ YDS)	
7+42	18+8.28	LT	1066.28	5.0	5331.40	592.38	
7+42	18+6.20	RT	1017.44	5.0	5087.20	565.24	
20+00.44	22+26.06	LT	225.62	5.0	1128.10	125.34	
20+6.75	22+26.06	RT	219.31	5.0	1096.55	121.84	
23+16.81	41+52.39	RT	1816.11	5.0	9080.55	1008.95	
28+00	50+10	LT	1987.12	5.0	9935.60	1103.96	
42+27.15	50+10	RT	782.85	5.0	3914.25	434.92	
65+00	66+38.00	LT	138.00	5.0	690.00	76.67	
65+00	67+80	RT	280.00	5.0	1400.00	155.56	
84+25	113+30.06	LT	2841.07	5.0	14205.35	1578.37	
84+25	102+71.91	RT	1770.60	5.0	8853.00	983.67	
106+40.36	111+29.00	RT	484.57	5.0	2422.85	269.21	
114+42.37	119+21.07	LT	478.70	5.0	2393.50	265.94	
116+10.00	126+37.02	RT	969.17	5.0	4845.85	538.43	
121+90.55	130+66.31	LT	809.32	5.0	4046.60	449.62	
128+97.46	149+00	RT	1876.00	5.0	9380.00	1042.22	
131+10.13	134+67.66	LT	357.53	5.0	1787.65	198.63	
135+33.89	148+70.52	LT	1336.63	5.0	6683.15	742.57	
149+55.64	162+31.13	LT	1225.98	5.0	6129.90	681.10	
149+91.74	165+80	RT	1488.70	5.0	7443.50	827.06	
164+12.41	165+80	LT	167.59	5.0	837.95	93.11	
184+25	187+02.00	LT	277.00	5.0	1385.00	153.89	
184+25	186+53.00	RT	228.00	5.0	1140.00	126.67	
					SUBTOTAL	109218.0	12135.3
PAY ITEM XX006343					10% CONTINGENCY	10921.8	1213.5
					TOTAL	120139.7	13348.9
SEE STA. EQUATION ON PLANS							
40 HOT-MIX ASPHALT - DRIVEWAY REMOVAL & REPLACEMENT							
PAY ITEM XX004238					4 DRIVEWAYS @ 72.6 S.Y. EACH		AREA (SQ. YDS.) 290.4

41 HOT-MIX ASPHALT SURFACE REMOVAL - DRIVEWAY BUTT JOINT							
FROM	TO			LT/RT	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ. YDS.)
DRIVEWAY BUTT JOINTS							
	10+86.71			RT	21.0	4.0	9.3
	31+42.8			LT	11.0	4.0	4.9
	33+05.51			RT	13.0	4.0	5.8
	43+95.37			LT	16.4	4.0	7.3
	47+79.96			LT	16.1	4.0	7.1
	86+45.53			RT	17.3	4.0	7.7
	93+12.81			LT	22.0	4.0	9.8
	99+10.32			RT	17.0	4.0	7.6
	101+40.03			RT	9.0	4.0	4.0
	106+92.18			LT	10.0	4.0	4.5
	122+52.38			RT	12.5	4.0	5.6
	122+94.89			LT	13.0	4.0	5.8
	129+77.02			RT	18.0	4.0	8.0
	131+85.56			RT	14.0	4.0	6.2
	140+23.29			RT	13.0	4.0	5.8
	153+69.72			RT	13.6	4.0	6.1
	155+15.86			LT	11.5	4.0	5.1
	157+09.85			RT	16.5	4.0	7.3
	157+58.01			LT	12.5	4.0	5.6
	160+24.56			RT	11.0	4.0	4.9
	165+09.15			RT	12.5	4.0	5.6
					SUBTOTAL		133.8
PAY ITEM XX007365					10% CONTINGENCY		13.4
					TOTAL		147.2
42 MAILBOX POST							
PAY ITEM XX206400					EACH		18

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	13
F.H.W.A. REG.		ILLINOIS	PROJECT ARA-9003(467)	
CONTRACT NO. 63407				

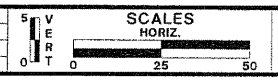
SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

- EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



1+58 to 5+25
EXISTING TYPICAL SECTION

NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSCNR/LIAISON:
				PLOTTED BY: EUSRNE#SDAT#333



FAIRFIELD ROAD
RESURFACING 2009

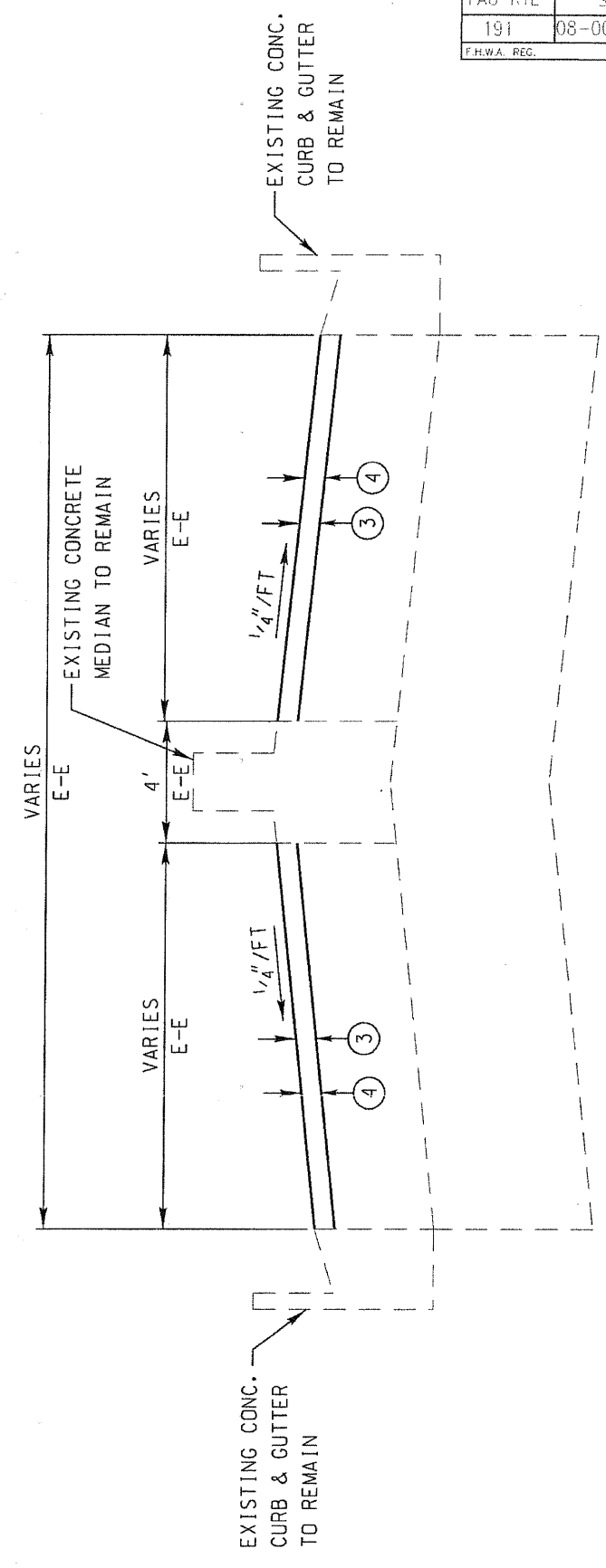


TYPICAL SECTIONS
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	13	60

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

- REMOVAL ITEMS:
3. HMA SURFACE REMOVAL, 1 1/2"
PROPOSED RESURFACING:
4. 1 1/2" HMA SURFACE COURSE, MIX "D", N70

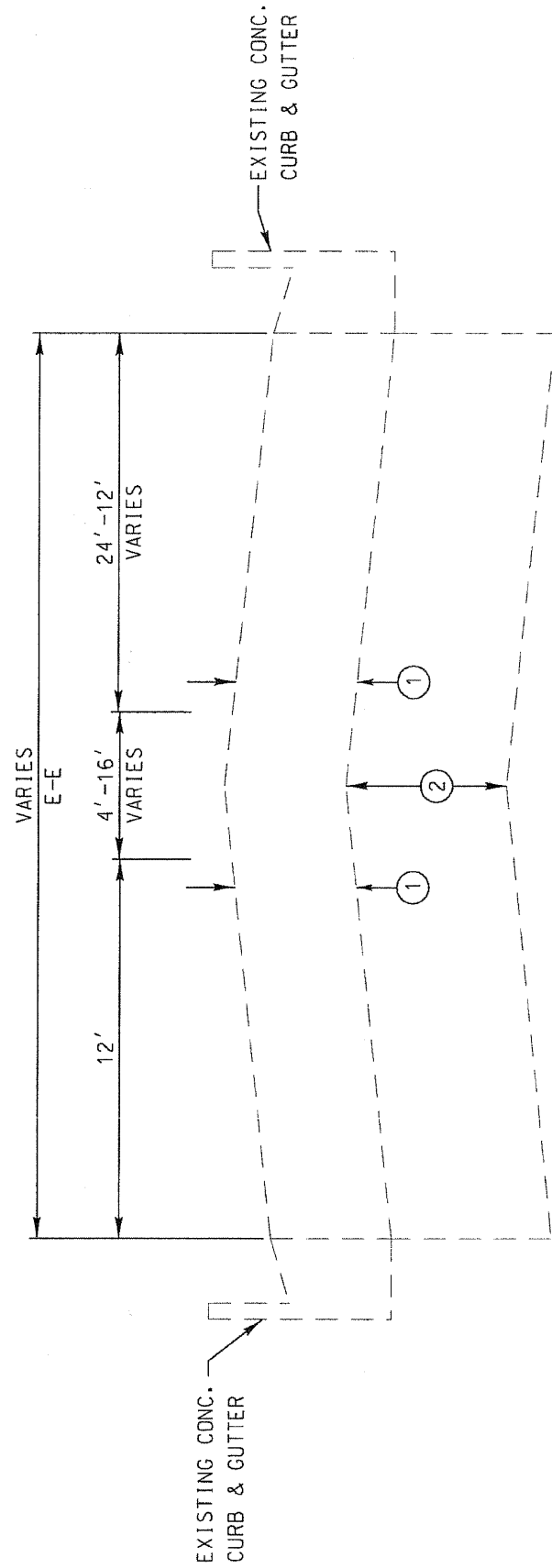


1+58 to 5+25
PROPOSED TYPICAL SECTION

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	14
F.H.W.A. REG.	ILLINOIS	PROJECT	APA-9003(467)	
CONTRACT NO. 63407				

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



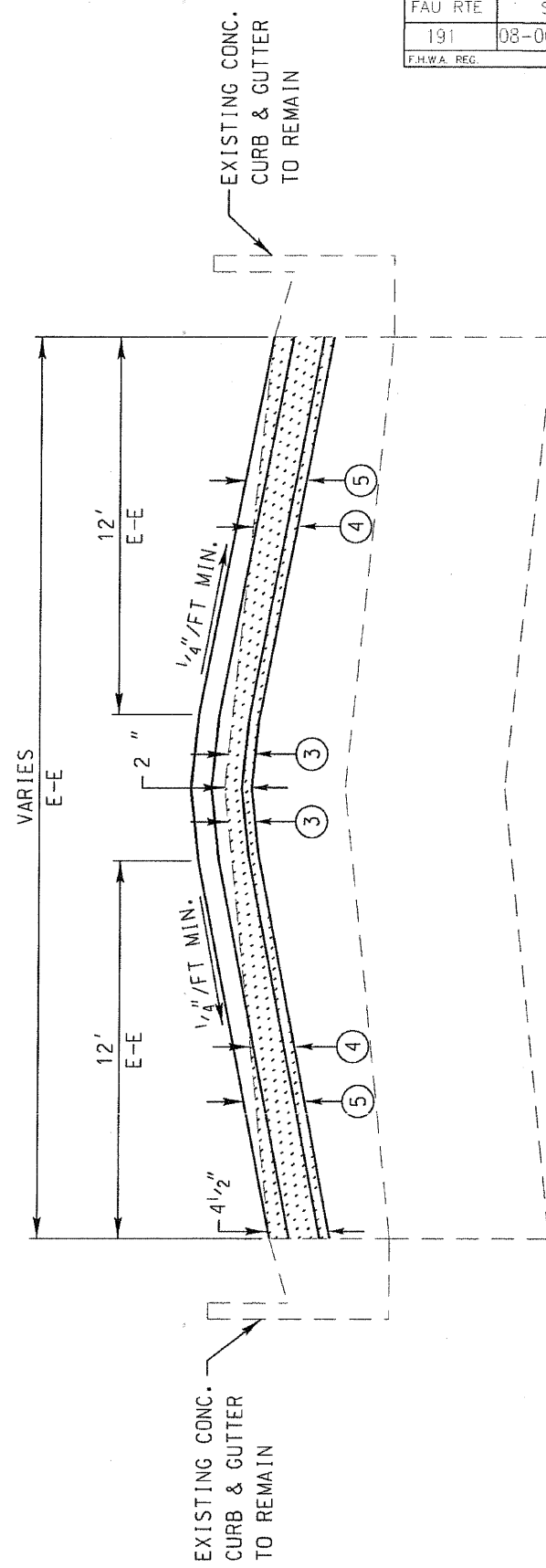
5+25 to 7+40
EXISTING TYPICAL SECTION

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

PROPOSED RESURFACING:

- 5. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
- 2 1/4" HMA BINDER COURSE, IL-19.0, N70
- 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50

- REMOVAL ITEMS:
- 3. HMA SURFACE REMOVAL, 2"
- 4. HMA SURFACE REMOVAL, VARIABLE DEPTH, 2" @ LANE LINE, 4 1/2" @ E/P



5+25 to 7+40
PROPOSED TYPICAL SECTION

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSCHR/LIAISON:
				PLOTTED BY: BUSRNE 5/24/2009



FAIRFIELD ROAD
RESURFACING 2009



TYPICAL SECTIONS

STA. TO

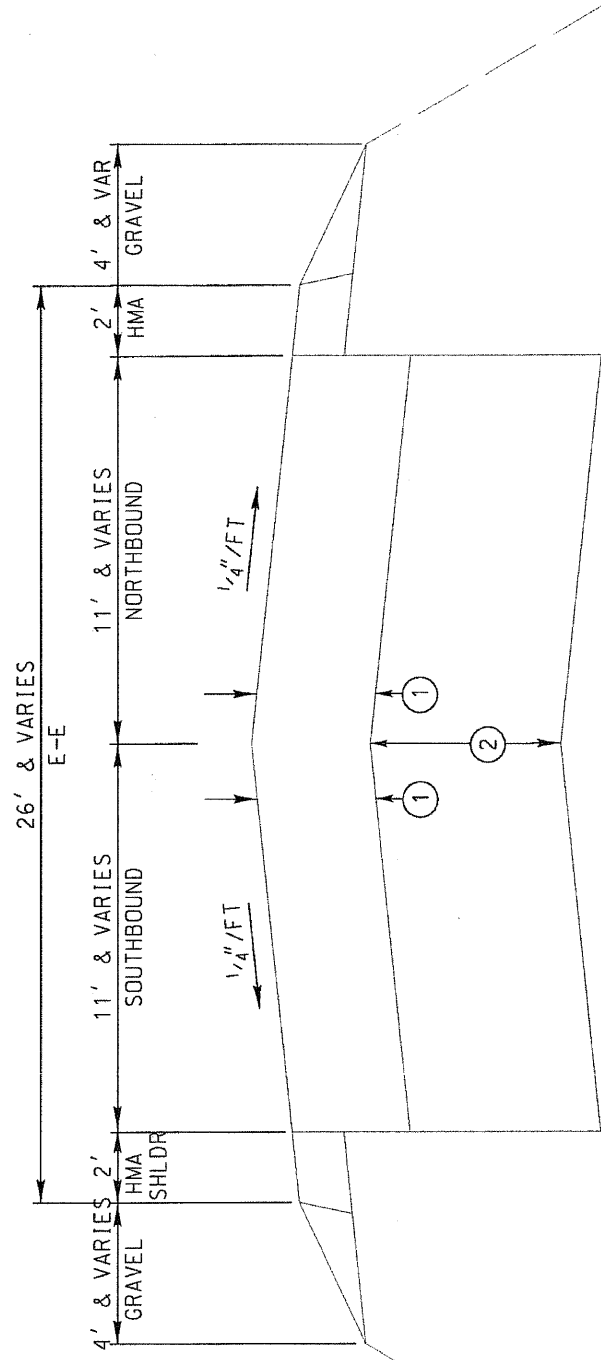
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	14	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	15
F.H.W.A. REG.	ILLINOIS	PROJECT	APA-9003(467)	CONTRACT NO. 63407

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:

- 1. HMA PAVEMENT
- 2. AGGREGATE BASE



EXISTING TYPICAL SECTION

7+40 to 22+25, 28+00 to 50+15, 65+00 to 67+80, 84+25 to 102+32,
106+40 to 111+29, 116+10 to 119+10, 122+17 to 126+25,
129+12 to 162+31, 164+12 to 165+80

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

▲ DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

REMOVAL ITEMS:

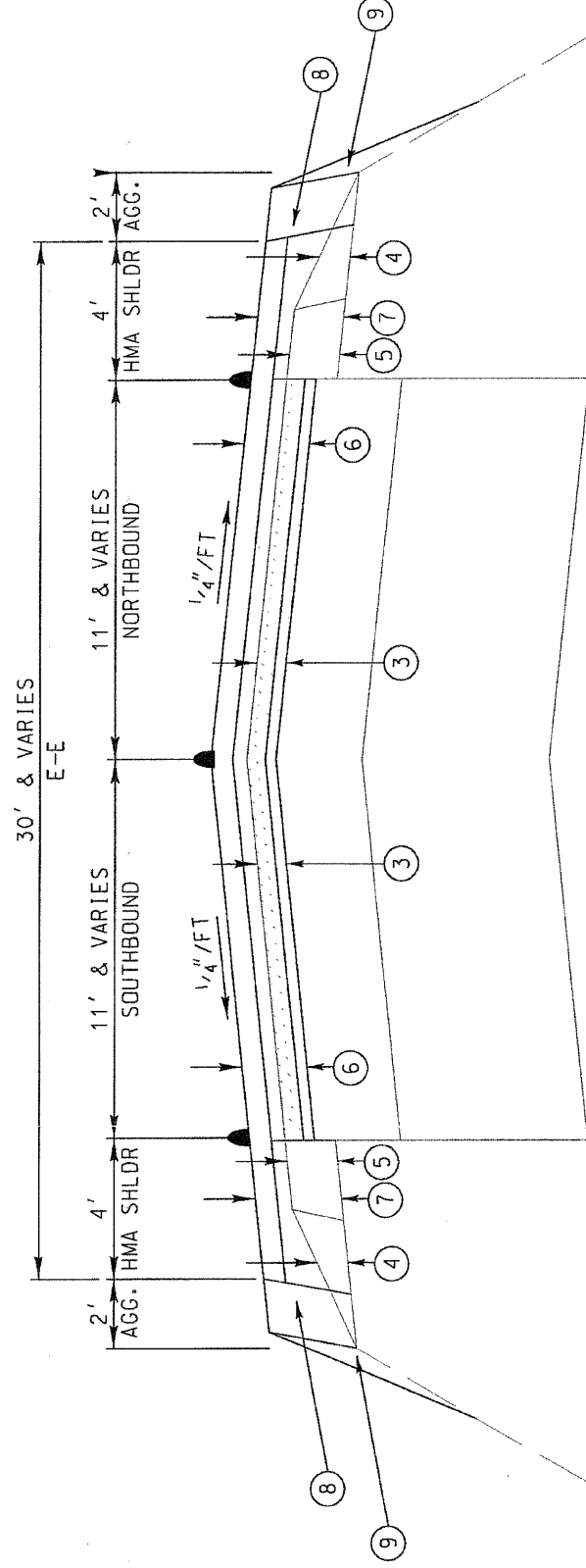
- 3. HMA SURFACE REMOVAL, 2"
- 4. EXCAVATING AND GRADING EXISTING SHOULDER
- 5. PAVED SHOULDER REMOVAL

PROPOSED RESURFACING:

- 6. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
- 2-1/4" HMA BINDER COURSE, IL-19.0, N70
- 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50

PROPOSED SHOULDER:

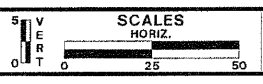
- 7. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
- 4-1/2" HMA BINDER COURSE, IL-19.0, N70
- 8. AGGREGATE SHOULDERS, TYPE A, 6"
- 9. SEEDING (COMPLETE)



PROPOSED TYPICAL SECTION

7+40 to 22+25, 28+00 to 50+15, 65+00 to 67+80, 84+25 to 102+32,
106+40 to 111+29, 116+10 to 119+10, 122+17 to 126+25,
129+12 to 162+31, 164+12 to 165+80

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	ED	DSGHR/LIAISON
				PLOTTED BY: EUSRHS BGDAT1006



FAIRFIELD ROAD
RESURFACING 2009



TYPICAL SECTIONS

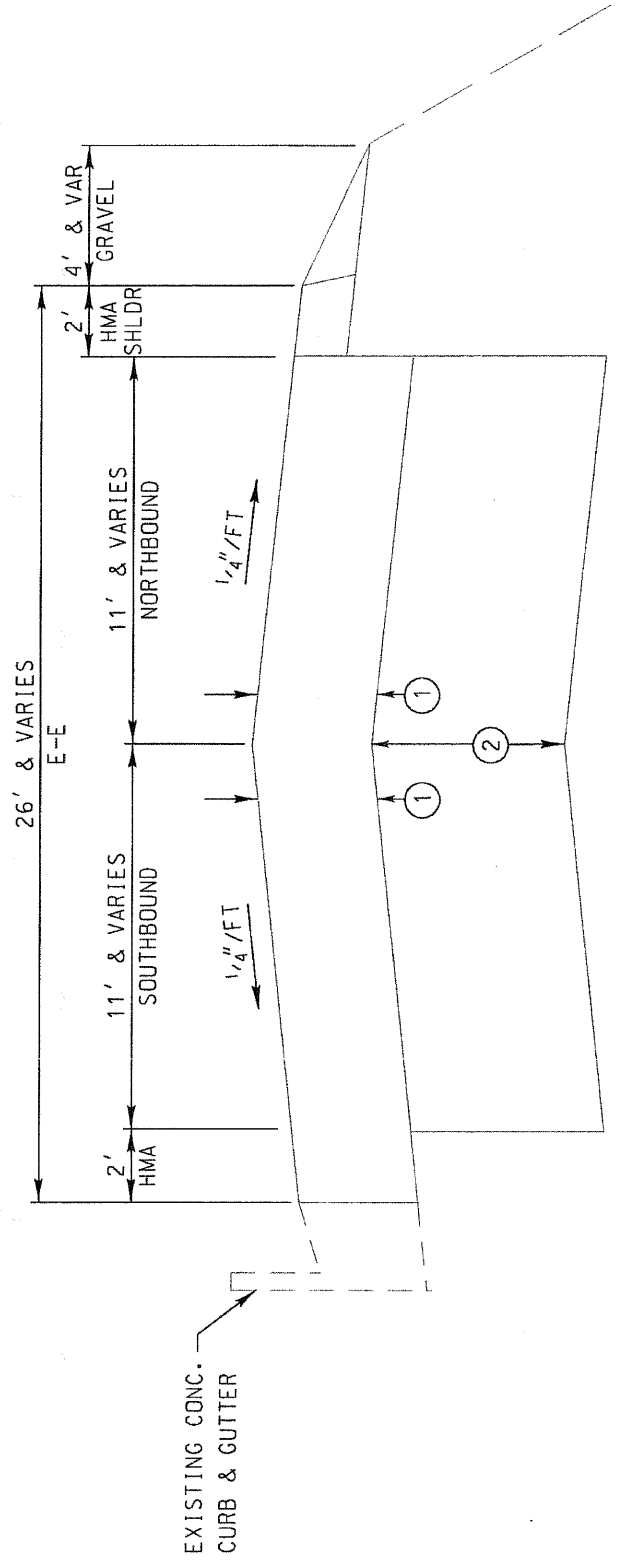
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	15	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	16
F.H.W.A. REG.	ILLINOIS	PROJECT	APA-9003(467)	CONTRACT NO. 63407

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



EXISTING TYPICAL SECTION
22+25 to 28+00

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

▲ DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

REMOVAL ITEMS:

- 3. HMA SURFACE REMOVAL, 2"
- 4. HMA SURFACE REMOVAL, VARIABLE DEPTH, 2" @ LANE LINE TO 4 1/2" @ E/P
- 5. EXCAVATING AND GRADING EXISTING SHOULDER
- 6. PAVED SHOULDER REMOVAL

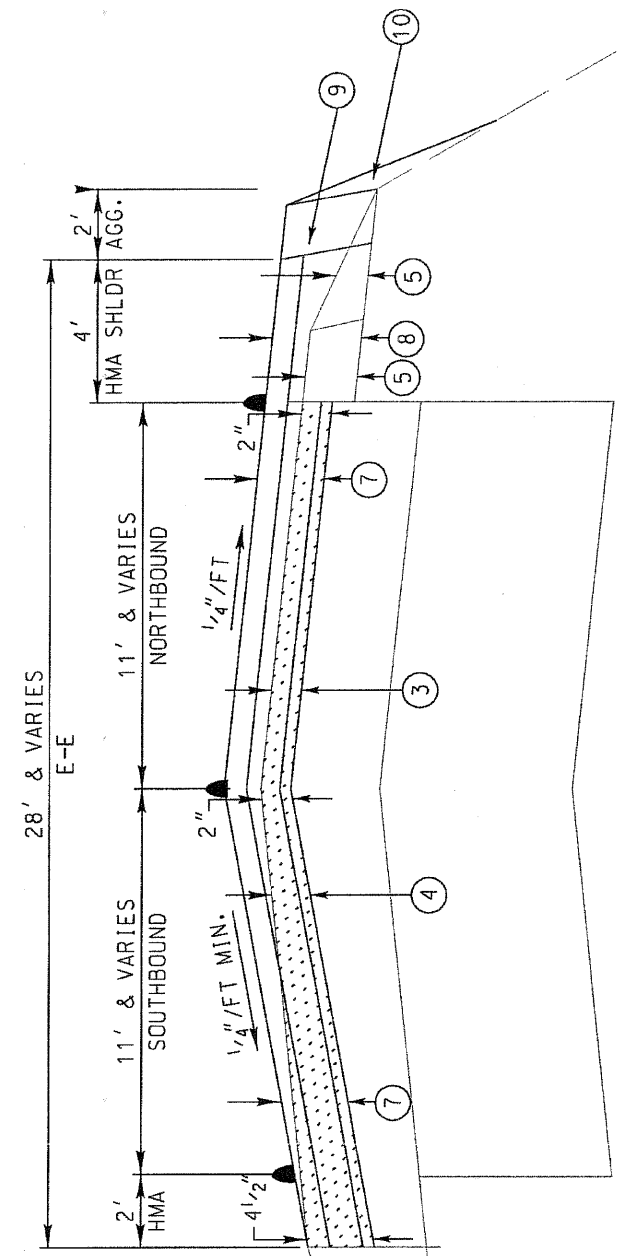
PROPOSED RESURFACING:

- 7. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
- 2-1/4" HMA BINDER COURSE, IL-19.0, N70
- 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50

PROPOSED SHOULDER:

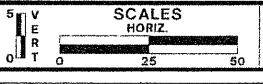
- 8. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
- 4 1/2" HMA BINDER COURSE, IL-19.0, N70
- 9. AGGREGATE SHOULDERS, TYPE A, 6"
- 10. SEEDING (COMPLETE)

EXISTING CONC. CURB & GUTTER TO REMAIN



PROPOSED TYPICAL SECTION
22+25 to 28+00

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LINSON
				PLOTTED BY: BUSRHS #6DAT#333



FAIRFIELD ROAD
RESURFACING 2009



TYPICAL SECTIONS
STA. TO

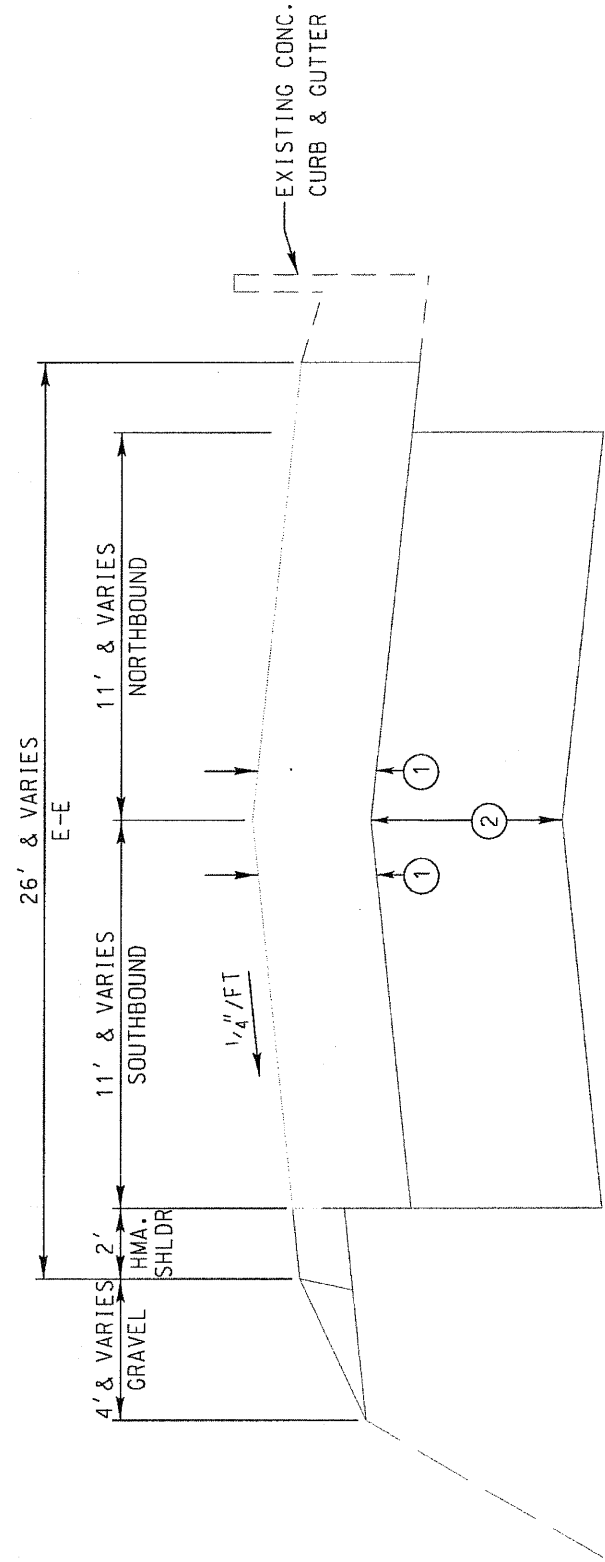
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	16	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	17
F.H.W.A. REC.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:

1. HMA PAVEMENT
2. AGGREGATE BASE



102+32 to 106+40
111+29 to 116+10

EXISTING TYPICAL SECTION

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

▲ DENOTES PAVEMENT MARKING
● SEE PLAN FOR TYPE

REMOVAL ITEMS:

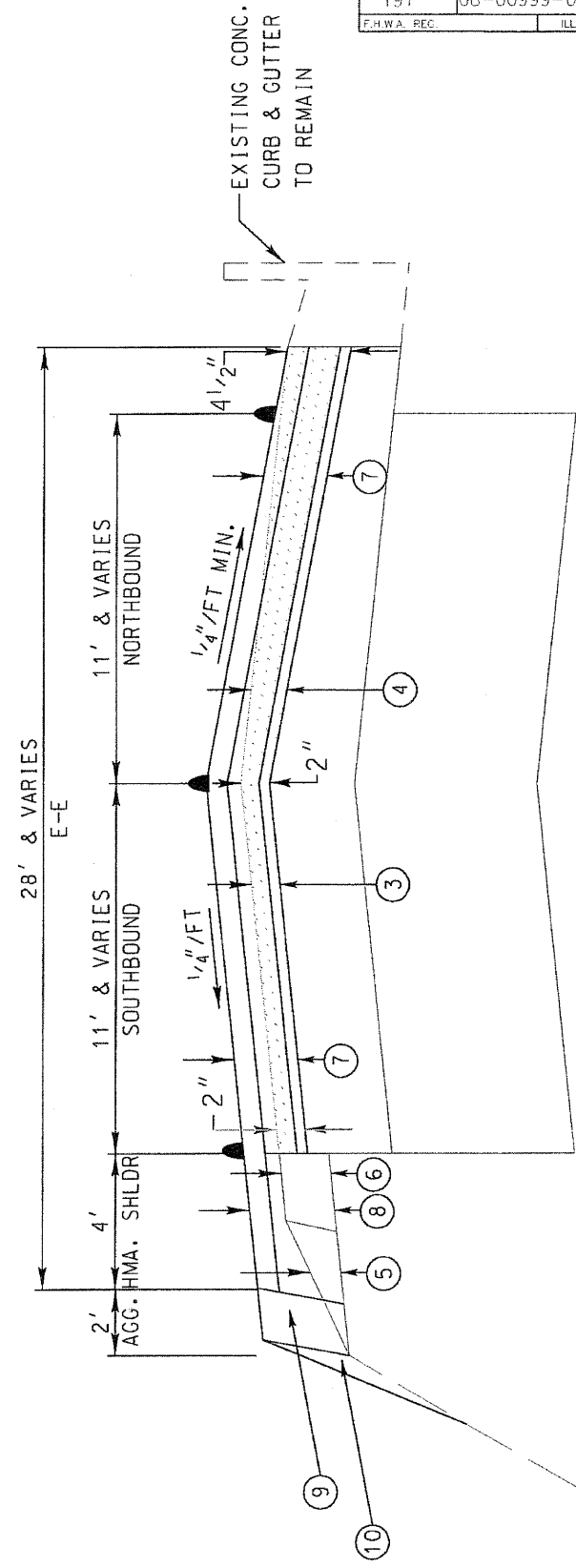
3. HMA SURFACE REMOVAL, 2"
4. HMA SURFACE REMOVAL, VARIABLE DEPTH, 2" @ LANE LINE TO 4 1/2" @ E/P
5. EXCAVATING AND GRADING EXISTING SHOULDER
6. PAVED SHOULDER REMOVAL

PROPOSED RESURFACING:

7. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
- 2-1/4" HMA BINDER COURSE, IL-19.0, N70
- 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50

PROPOSED SHOULDER:

8. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
- 4 1/2" HMA BINDER COURSE, IL-19.0, N70
9. AGGREGATE SHOULDERS, TYPE A, 6"
10. SEEDING (COMPLETE)



102+32 to 106+40
111+29 to 116+10

PROPOSED TYPICAL SECTION

NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/26/09	EB	DSGMR/LIAISON



FAIRFIELD ROAD
RESURFACING 2009

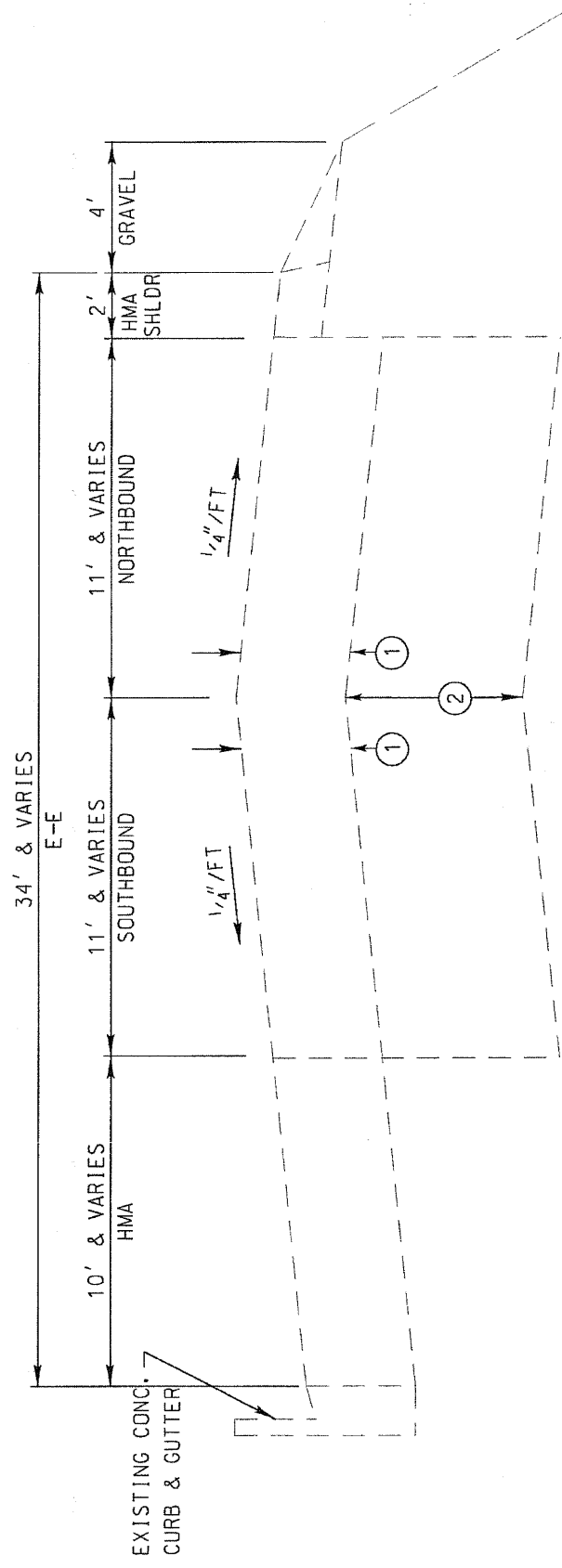


TYPICAL SECTIONS
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	17	60

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



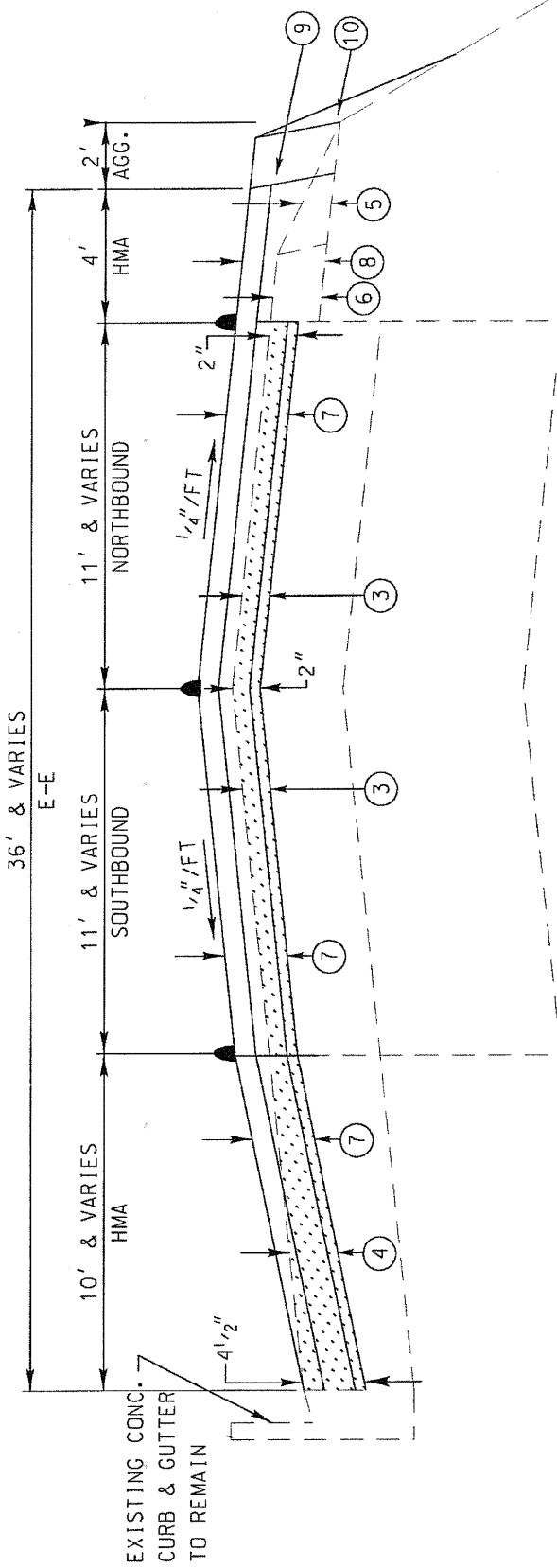
119+10 to 122+17
162+31 to 164+12
EXISTING TYPICAL SECTION

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

● DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

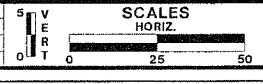
REMOVAL ITEMS:
3. HMA SURFACE REMOVAL, 2"
4. HMA SURFACE REMOVAL, VARIABLE DEPTH, 2" @ EDGE LINE TO 4 1/2" @ E/P
5. EXCAVATING AND GRADING EXISTING SHOULDER
6. PAVED SHOULDER REMOVAL

PROPOSED RESURFACING:
7. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
2-1/4" HMA BINDER COURSE, IL-19.0, N70
3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
PROPOSED SHOULDER:
8. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
4 1/2" HMA BINDER COURSE, IL-19.0, N70
9. AGGREGATE SHOULDERS, TYPE A, 6"
10. SEEDING (COMPLETE)



119+10 to 122+17
162+31 to 164+12
PROPOSED TYPICAL SECTION

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/26/09	EB	DISCAR/LIAISON:
				PLOTTED BY: RUSR/9/20/09



FAIRFIELD ROAD
RESURFACING 2009

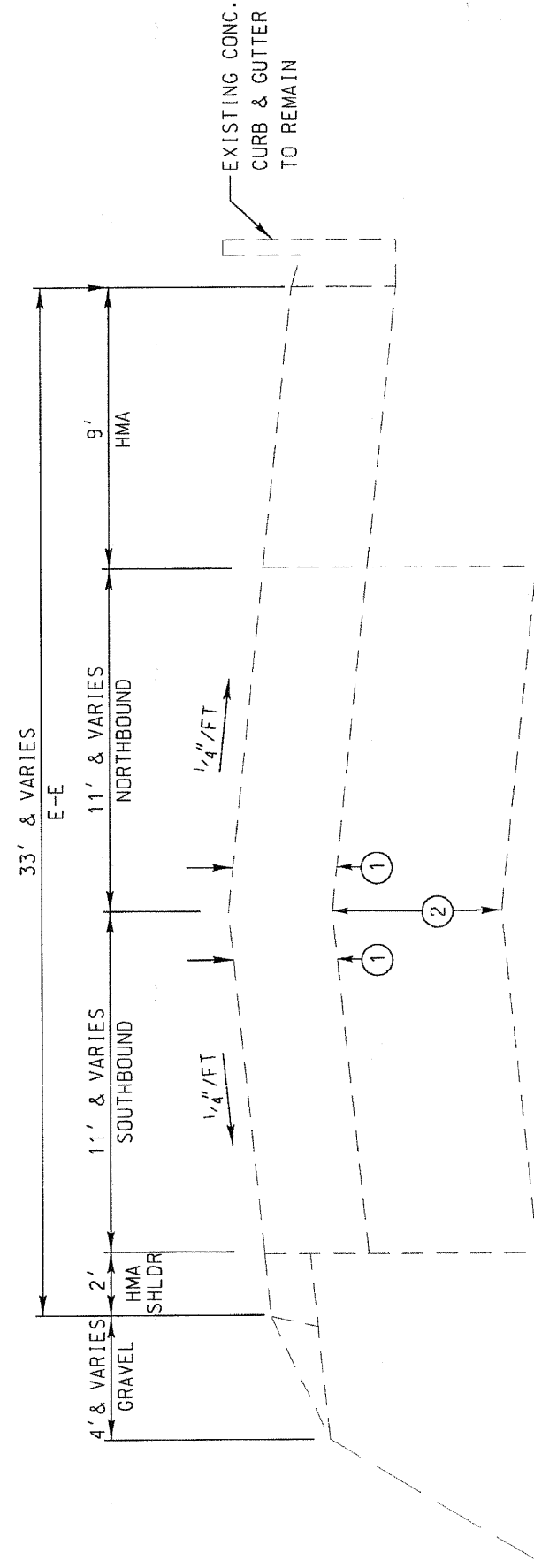


TYPICAL SECTIONS
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	18	60

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



126+25 to 129+12
EXISTING TYPICAL SECTION

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

▲ DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

REMOVAL ITEMS:

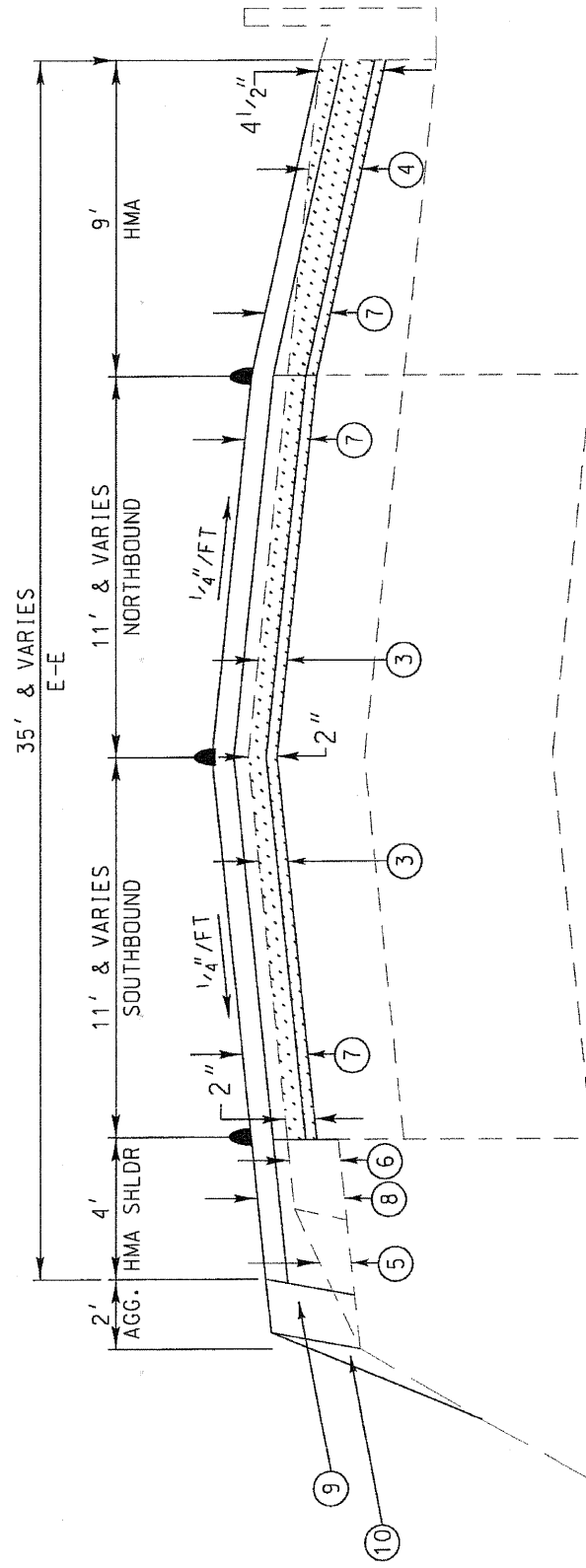
- 3. HMA SURFACE REMOVAL, 2"
- 4. HMA SURFACE REMOVAL, VARIABLE DEPTH, 2" @ EDGE LINE, 4 1/2" @ E/P
- 5. EXCAVATING AND GRADING EXISTING SHOULDER
- 6. PAVED SHOULDER REMOVAL

PROPOSED RESURFACING:

- 7. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
- 2-1/4" HMA BINDER COURSE, IL-19.0, N70
- 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50

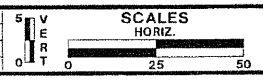
PROPOSED SHOULDER:

- 8. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
- 4 1/2" HMA BINDER COURSE, IL-19.0, N70
- 9. AGGREGATE SHOULDERS, TYPE A, 6"
- 10. SEEDING (COMPLETE)



126+25 to 129+12
PROPOSED TYPICAL SECTION

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCOOT REVIEW COMMENTS	10/06/09	EB	DSGHR/LIAISON
				PLOTTED BY: EUSRNS



FAIRFIELD ROAD
RESURFACING 2009



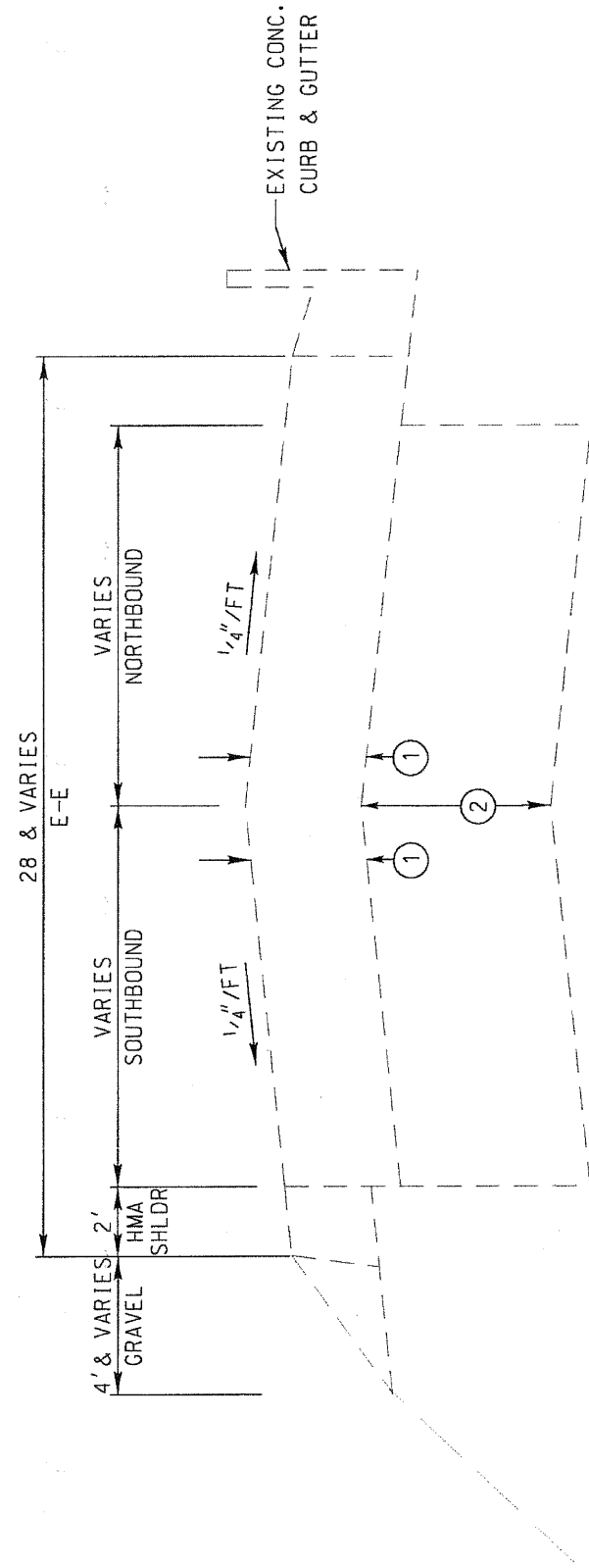
TYPICAL SECTIONS
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	19	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	20
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE

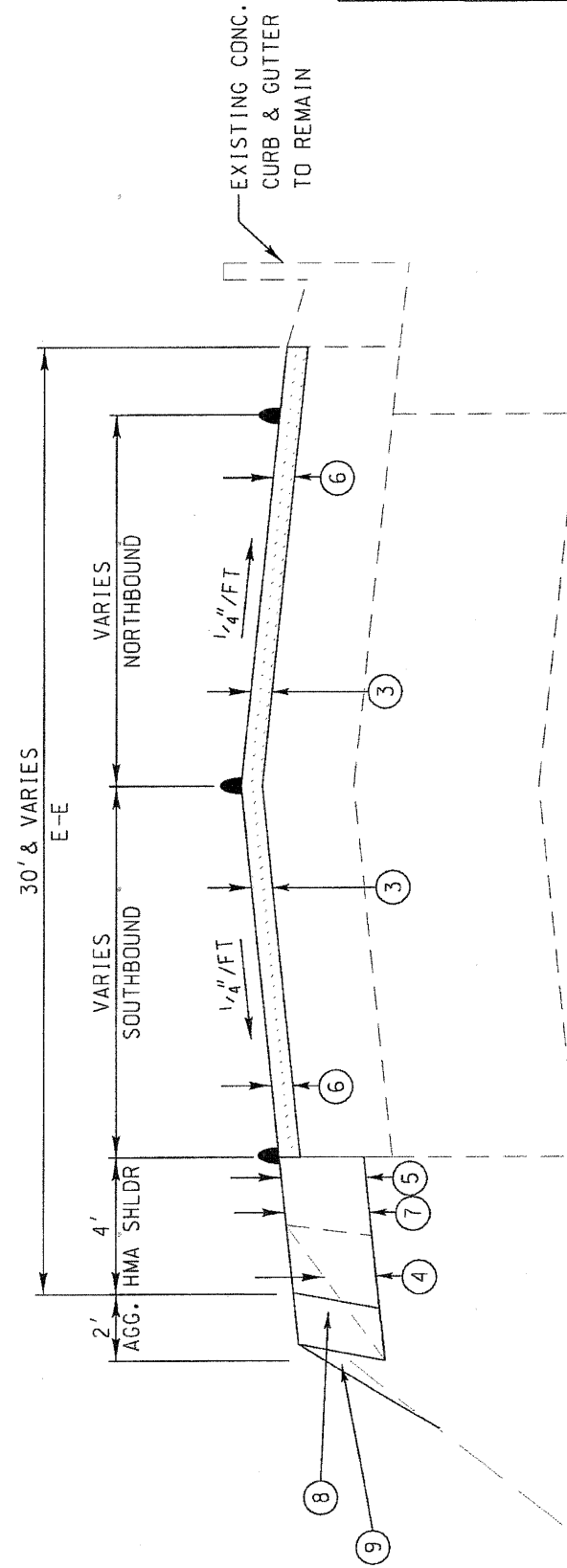


186+23 to 187+02.00
EXISTING TYPICAL SECTION

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.
▲ DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

REMOVAL ITEMS:
3. HMA SURFACE REMOVAL, 1 1/2"
4. EXCAVATING AND GRADING
EXISTING SHOULDER
5. PAVED SHOULDER REMOVAL

PROPOSED RESURFACING:
6. 1-1/2" HMA SURFACE COURSE, MIX "D", N70
PROPOSED SHOULDER:
7. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
4 1/2" HMA BINDER COURSE, IL-19.0, N70
8. AGGREGATE SHOULDERS, TYPE A, 6"
9. SEEDING (COMPLETE)



186+23 to 187+02.00
PROPOSED TYPICAL SECTION

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	OSCAR LIAISON



FAIRFIELD ROAD
RESURFACING 2009



TYPICAL SECTIONS
STA. TO

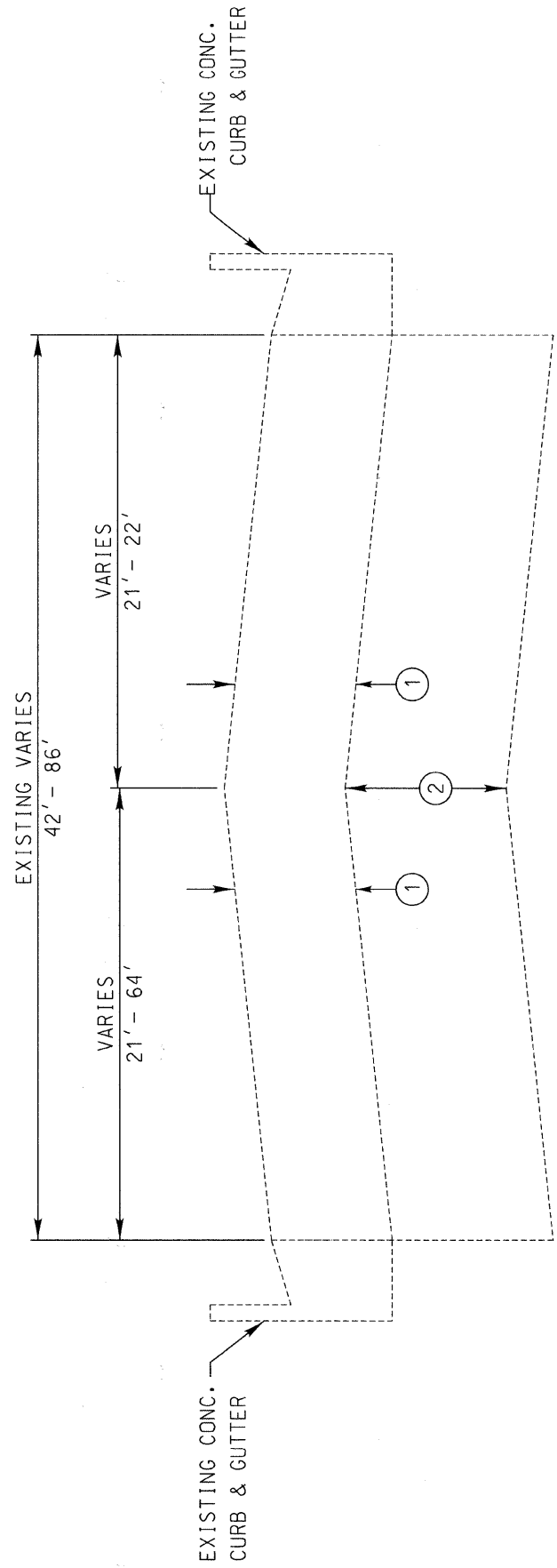
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	20	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	21
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:

1. HMA PAVEMENT
2. AGGREGATE BASE



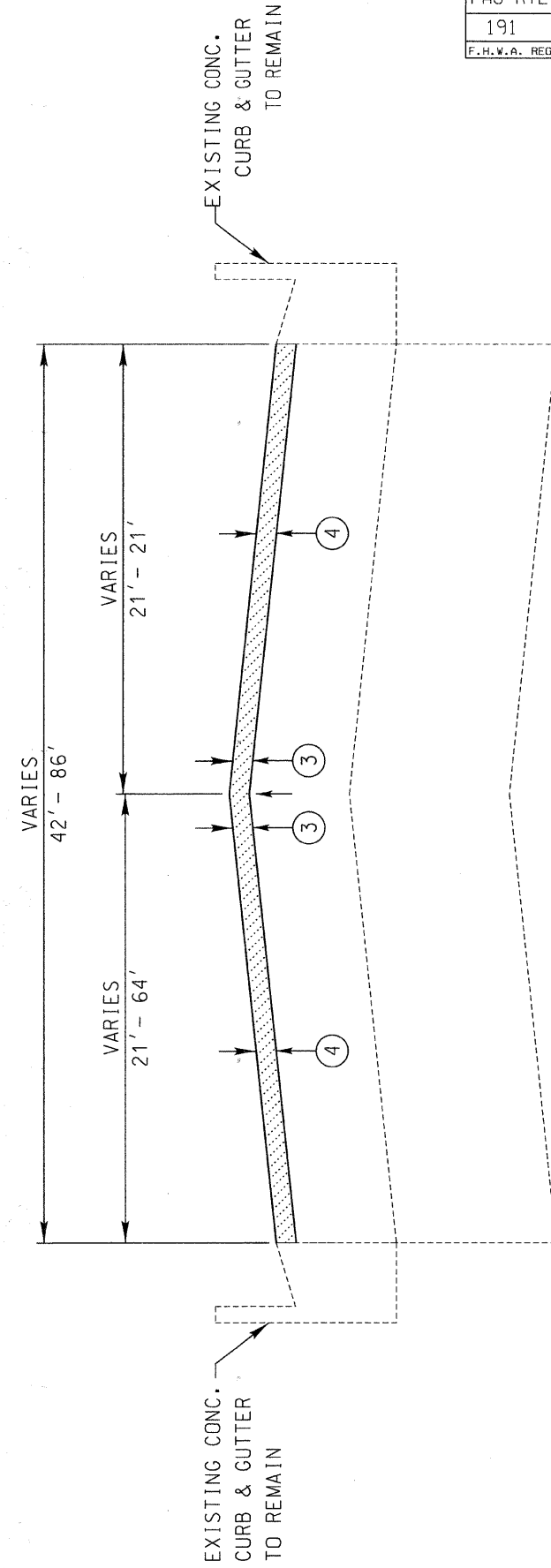
**EXISTING TYPICAL SECTION
187+02.00 to 187+65**

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

REMOVAL ITEMS:

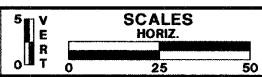
3. HMA SURFACE REMOVAL, 1 1/2"

PROPOSED RESURFACING:
4. 1 1/2" HMA SURFACE COURSE, MIX "D", N70



**PROPOSED TYPICAL SECTION
187+02.00 to 187+65**

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
		/ /		PLOTTED BY: hdsxs 12/2/2009



**FAIRFIELD ROAD
RESURFACING 2009**



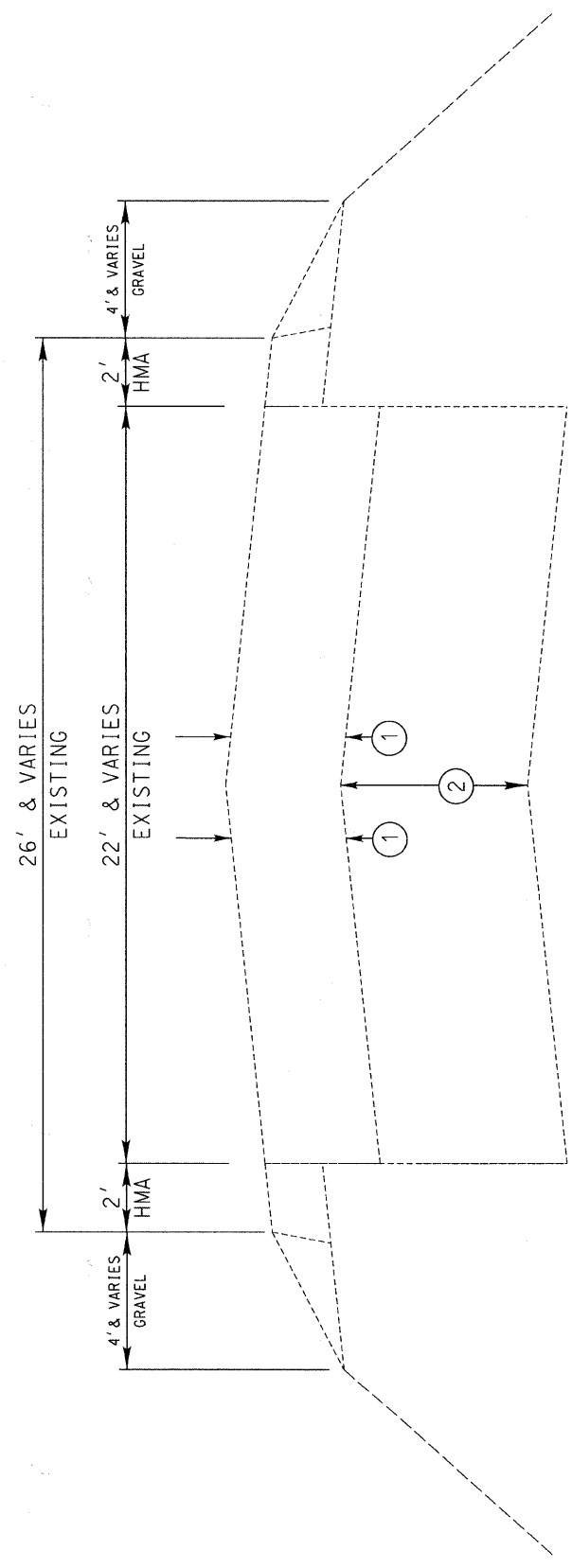
TYPICAL SECTIONS
STA. TO

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	21	60

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	22
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

EXISTING PAVEMENT:
1. HMA PAVEMENT
2. AGGREGATE BASE



184+25 to 186+13

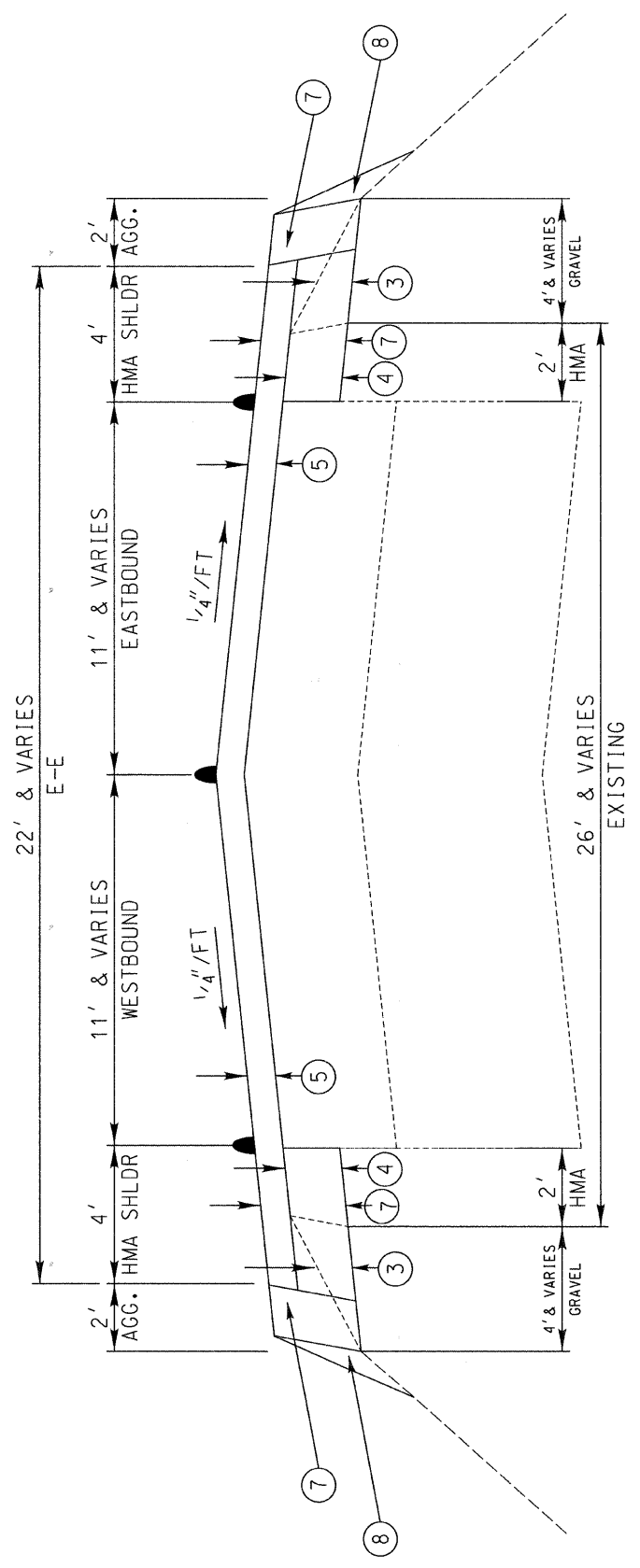
SCALE: 1" = 5' HORIZ.
1" = 25' VERT.

● DENOTES PAVEMENT MARKING
SEE PLAN FOR TYPE

REMOVAL ITEMS:
3. EXCAVATING AND GRADING EXISTING SHOULDER
4. PAVED SHOULDER REMOVAL

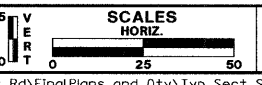
PROPOSED RESURFACING:
5. 2" HMA SURFACE COURSE, MIX "D", N70

PROPOSED SHOULDER:
6. 1 1/2" HMA SURFACE COURSE, MIX "D", N70
4 1/2" HMA BINDER COURSE, IL-19.0, N70
7. AGGREGATE SHOULDERS, TYPE A, 6"
8. SEEDING (COMPLETE)



184+25 to 186+13

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
				PLOTTED BY: hdsxs 12/2/2009



**FAIRFIELD ROAD
RESURFACING 2009**



TYPICAL SECTIONS

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	22	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Typ. Sect. Sheets\113-02.tbl0.dgn

**FAIRFIELD ROAD AT OLD MCHENRY ROAD,
KRUGER ROAD/BIRCHES LAKE DRIVE,
AND HOLMES AVAENUE
TRAFFIC CONTROL PLAN**

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	23
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407

TRAFFIC CONTROL AND PROTECTION GENERAL NOTES

I. APPLICABLE STANDARDS

- 701006-02 OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM EDGE OF PAVEMENT
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

APPLICABLE DETAILS

- LC 7002 2L, 2W, OFF ROAD OPERATIONS, DAY ONLY OPERATION
- LC 7003 2L, 2W UNDIVIDED, LANE CLOSURE - DAY OR NIGHT
- LC 7006 SIDEROADS, INTERSECTIONS, DRIVEWAYS

2. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREON IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
3. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
4. ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, IT'S POST SHALL HAVE A REFLECTIVE 3 INCH x 6 INCH DELINEATOR INSTALLED.
6. THE SIGN SPACING FOR THE ABOVE HIGHWAY STANDARDS SHALL BE IN ACCORDANCE WITH THE SIGN SPACING TABLE SHOWN HEREIN THIS TRAFFIC CONTROL PLAN.
7. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD WORK AHEAD" SIGNS AT THE INTERSECTIONS SHOWN IN THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 5 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.
8. "ROAD WORK AHEAD" SIGNS SHALL BE EQUIPPED WITH MONODIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

SIGN NO.



SIGN TYPE

1

ROAD
WORK
AHEAD

W20-1(O)-48

2

Road Name

W17-1100 (O)-9xVARIABLE

3



M6-IR (O)-2115

4



M6-IL (O)-2115

5



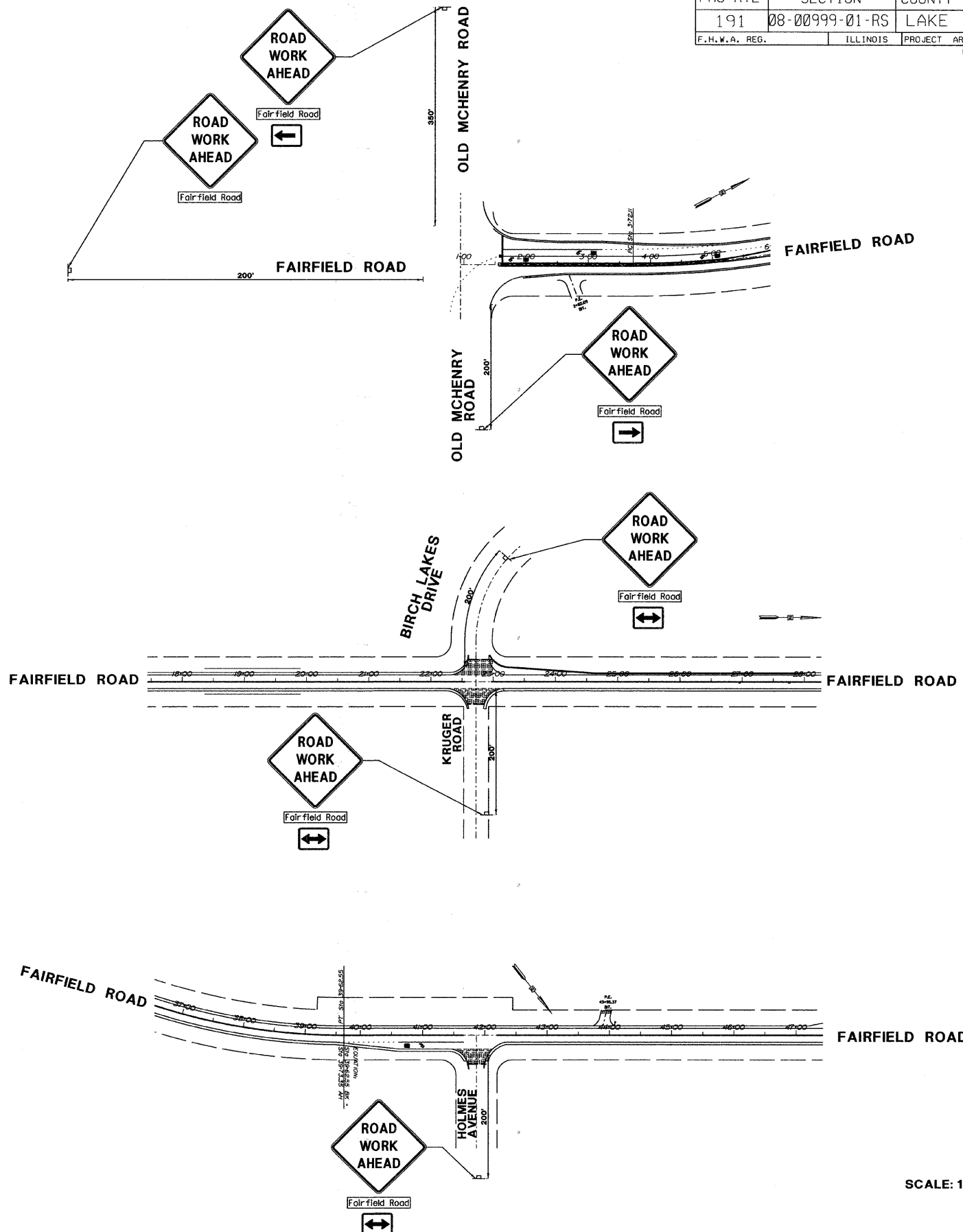
M6-4 (O)-2115

6



M6-4 (O)-2115

POSTED SPEED LIMIT	
FAIRFIELD ROAD: 45 MPH	
OLD MCHENRY ROAD: 40-45 MPH	
KRUGER ROAD: 35 MPH	
BIRCH LAKES DRIVE: 25 MPH	
HOLMES AVENUE: 25 MPH	
TRAFFIC CONTROL SIGN	
SPACING TABLE	
55 MPH	500 FT.
45-50 MPH	350 FT.
<45 MPH	200 FT.



SCALE: 1"=200'

REVISIONS / REMARKS		DATE	BY	SURVEYOR:	
NO.	DESCRIPTION				
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSQNR/LIAISON:	
		/ /		PLOTTED BY:	hdsxs 12/3/2009

SCALES	
HORIZ.	
0	100
0	200

**FAIRFIELD ROAD
RESURFACING 2009**



**FAIRFIELD RD RESURFACING
TRAFFIC CONTROL PLAN**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	23	60

FAIRFIELD ROAD AT LOCHANORA DRIVE, OPEN PARKWAY, AND MILTON ROAD TRAFFIC CONTROL PLAN

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	24
F. H. W. A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

TRAFFIC CONTROL AND PROTECTION GENERAL NOTES

I. APPLICABLE STANDARDS

- 701006-02 OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

APPLICABLE DETAILS

- LC 7002 2L, 2W, OFF ROAD OPERATIONS, DAY ONLY OPERATION
- LC 7003 2L, 2W UNDIVIDED, LANE CLOSURE - DAY OR NIGHT
- LC 7006 SIDEROADS, INTERSECTIONS, DRIVEWAYS

2. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREON IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
3. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
4. ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, IT'S POST SHALL HAVE A REFLECTIVE 3 INCH x 6 INCH DELINEATOR INSTALLED.
6. THE SIGN SPACING FOR THE ABOVE HIGHWAY STANDARDS SHALL BE IN ACCORDANCE WITH THE SIGN SPACING TABLE SHOWN HEREIN THIS TRAFFIC CONTROL PLAN.
7. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD WORK AHEAD" SIGNS AT THE INTERSECTIONS SHOWN IN THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 5 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.
8. "ROAD WORK AHEAD" SIGNS SHALL BE EQUIPPED WITH MONODIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

SIGN NO.



SIGN TYPE

1 ROAD WORK AHEAD W20-1(O)-48

2 Road Name W17-1100 (O)-9xVARIABLE

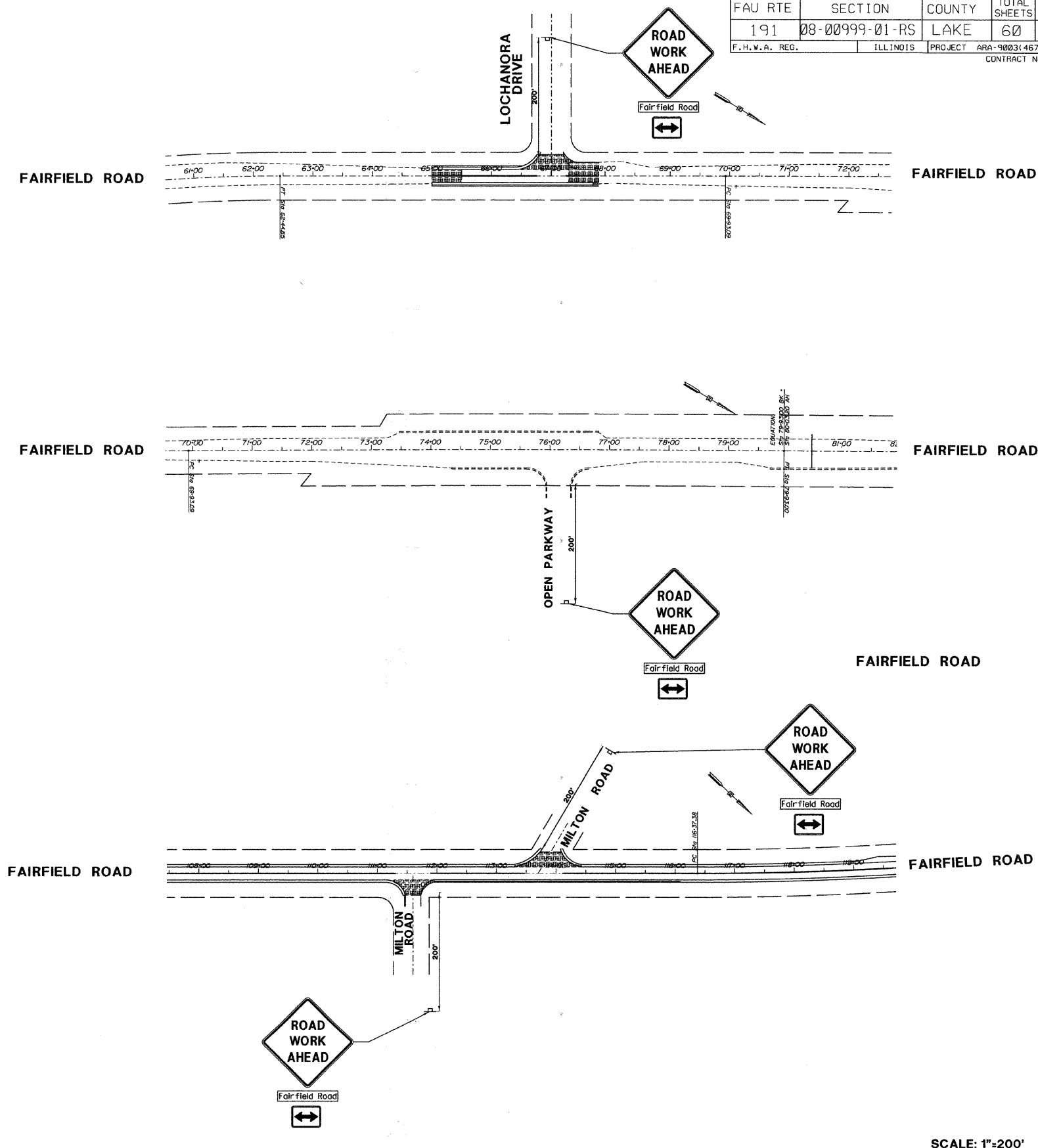
3 → M6-1R (O)-2115

4 ← M6-1L (O)-2115

5 ↑ M6-4 (O)-2115

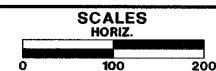
6 ↔ M6-4 (O)-2115

POSTED SPEED LIMIT	
FAIRFIELD ROAD:	45 MPH
LOCHANORA DRIVE:	25 MPH
OPEN PARKWAY:	25 MPH
MILTON ROAD:	35 MPH
TRAFFIC CONTROL SIGN SPACING TABLE	
55 MPH	500 FT.
45-50 MPH	350 FT.
<45 MPH	200 FT.



SCALE: 1"=200'

REVISIONS / REMARKS		DATE	BY	SURVEYOR:	
NO.	DESCRIPTION	/ /	/	DSGMR/LIAISON:	/
		/ /		PLOTTED BY:	



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD RESURFACING
TRAFFIC CONTROL PLAN

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	24	60

**FAIRFIELD ROAD AT TOPANGA TRAIL,
POND SHORE DRIVE, SCHWERMAN ROAD,
AND BARNSWALLOW LANE
TRAFFIC CONTROL PLAN**

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	25
F.H.W.A. REG.		ILLINOIS	PROJECT	ARA-9003(467)
CONTRACT NO. 63407				

TRAFFIC CONTROL AND PROTECTION GENERAL NOTES

I. APPLICABLE STANDARDS

- 701006-02 OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

APPLICABLE DETAILS

- LC 7002 2L, 2W, OFF ROAD OPERATIONS, DAY ONLY OPERATION
- LC 7003 2L, 2W UNDIVIDED, LANE CLOSURE - DAY OR NIGHT
- LC 7006 SIDEROADS, INTERSECTIONS, DRIVEWAYS

2. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREON IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
3. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
4. ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, IT'S POST SHALL HAVE A REFLECTIVE 3 INCH x 6 INCH DELINEATOR INSTALLED.
6. THE SIGN SPACING FOR THE ABOVE HIGHWAY STANDARDS SHALL BE IN ACCORDANCE WITH THE SIGN SPACING TABLE SHOWN HEREIN THIS TRAFFIC CONTROL PLAN.
7. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD WORK AHEAD" SIGNS AT THE INTERSECTIONS SHOWN IN THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 5 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.
8. "ROAD WORK AHEAD" SIGNS SHALL BE EQUIPPED WITH MONODIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

SIGN NO.



SIGN TYPE

1



W20-1(O)-48

2

Road Name

W17-1100 (O)-9xVARIABLE

3



M6-IR (O)-2115

4



M6-IL (O)-2115

5



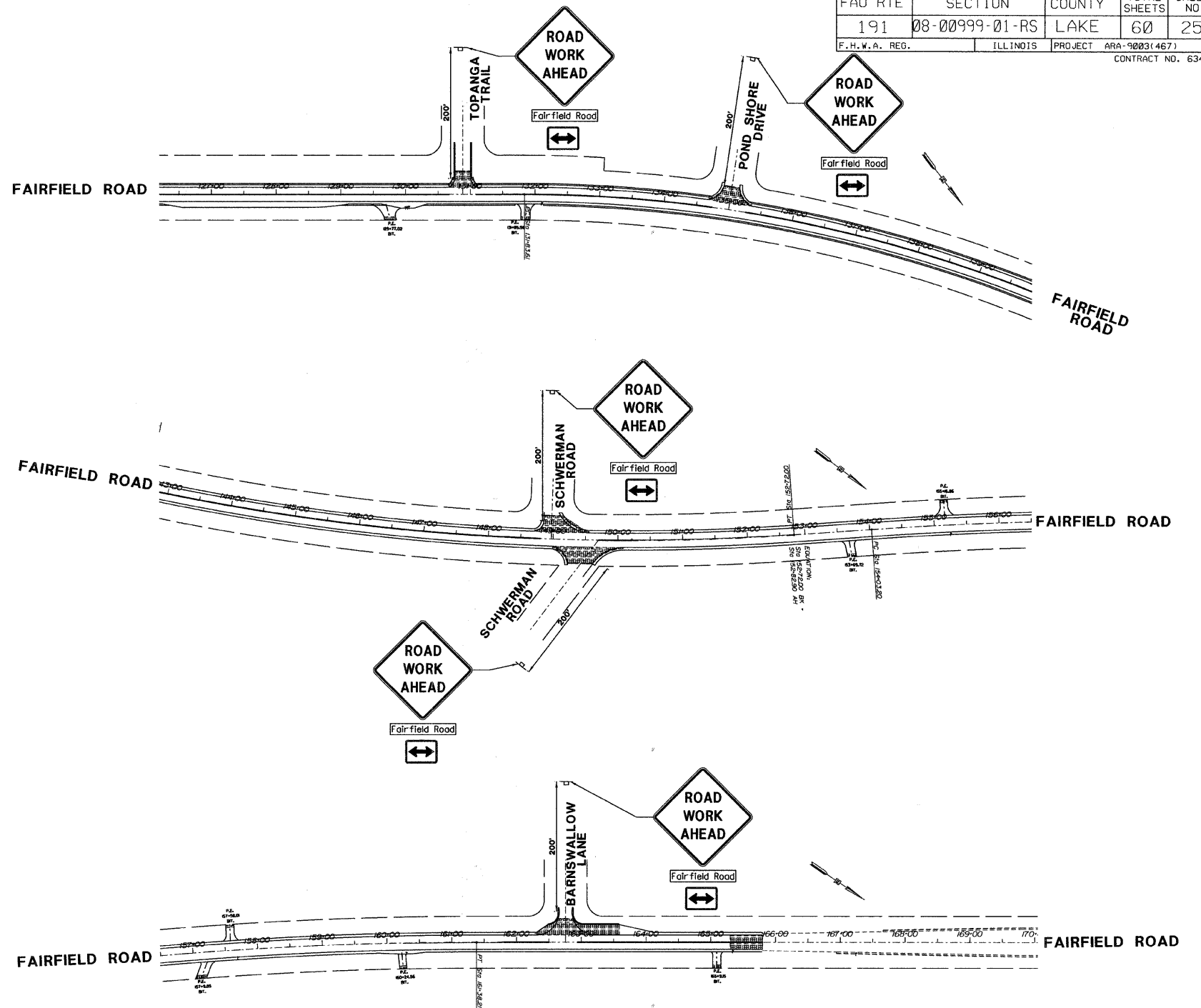
M6-4 (O)-2115

6



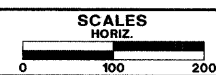
M6-4 (O)-2115

POSTED SPEED LIMIT	
FAIRFIELD ROAD:	45 MPH
TOPANGA TRAIL:	25 MPH
POND SHORE DRIVE:	25 MPH
SCHWERMAN ROAD:	35 MPH
TRAFFIC CONTROL SIGN SPACING TABLE	
55 MPH	500 FT.
45-50 MPH	350 FT.
<45 MPH	200 FT.



SCALE: 1"=200'

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:	DSGMR/LIAISON:	PLOTTED BY:



**FAIRFIELD ROAD
RESURFACING 2009**



**FAIRFIELD RD RESURFACING
TRAFFIC CONTROL PLAN**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	25	60

FAIRFIELD ROAD AT IVANHOE ROAD AND IL. ROUTE 176 TRAFFIC CONTROL PLAN

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	26
F.H.W.A. REG.		ILLINOIS	PROJECT	ARA-9003(467)
CONTRACT NO. 63497				

TRAFFIC CONTROL AND PROTECTION GENERAL NOTES


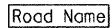




I. APPLICABLE STANDARDS

- 701006-02 OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24') FROM PAVEMENT EDGE
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

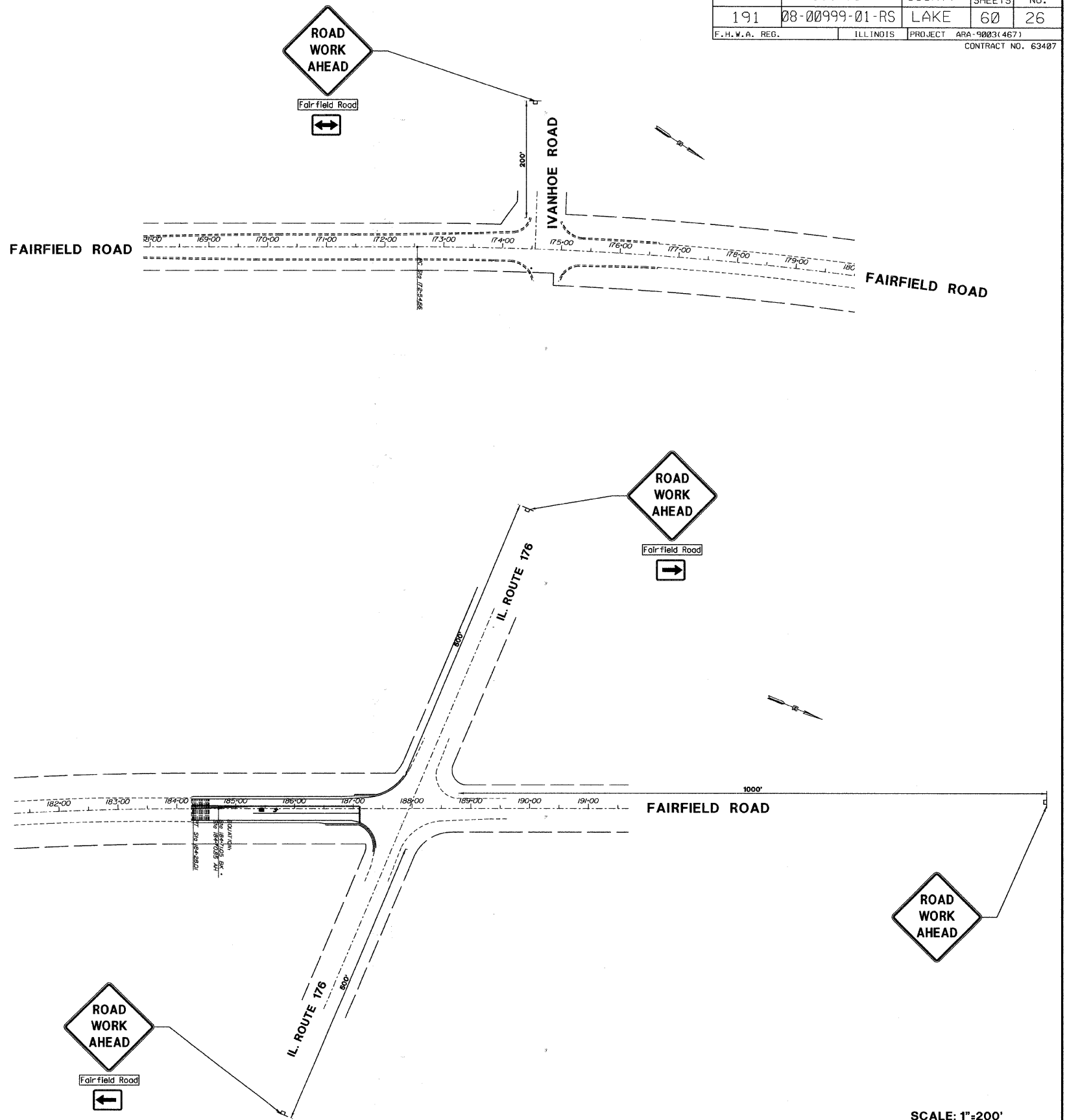
APPLICABLE DETAILS

- LC 7002 2L, 2W, OFF ROAD OPERATIONS, DAY ONLY OPERATION
- LC 7003 2L, 2W UNDIVIDED, LANE CLOSURE - DAY OR NIGHT
- LC 7006 SIDEROADS, INTERSECTIONS, DRIVEWAYS

2. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREON IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
3. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
4. ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH x 6 INCH DELINEATOR INSTALLED.
6. THE SIGN SPACING FOR THE ABOVE HIGHWAY STANDARDS SHALL BE IN ACCORDANCE WITH THE SIGN SPACING TABLE SHOWN HEREIN THIS TRAFFIC CONTROL PLAN.
7. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD WORK AHEAD" SIGNS AT THE INTERSECTIONS SHOWN IN THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 5 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.
8. "ROAD WORK AHEAD" SIGNS SHALL BE EQUIPPED WITH MONODIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

SIGN NO.		SIGN TYPE
1		W20-1(O)-48
2		W17-1100 (O)-9xVARIABLE
3		M6-1R (O)-2115
4		M6-1L (O)-2115
5		M6-4 (O)-2115
6		M6-4 (O)-2115

POSTED SPEED LIMIT	
FAIRFIELD ROAD: 45 MPH	
IVANHOE ROAD: 35MPH	
IL. ROUTE 176: 55 MPH	
TRAFFIC CONTROL SIGN SPACING TABLE	
55 MPH	500 FT.
45-50 MPH	350 FT.
<45 MPH	200 FT.



SCALE: 1"=200'

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
				PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**

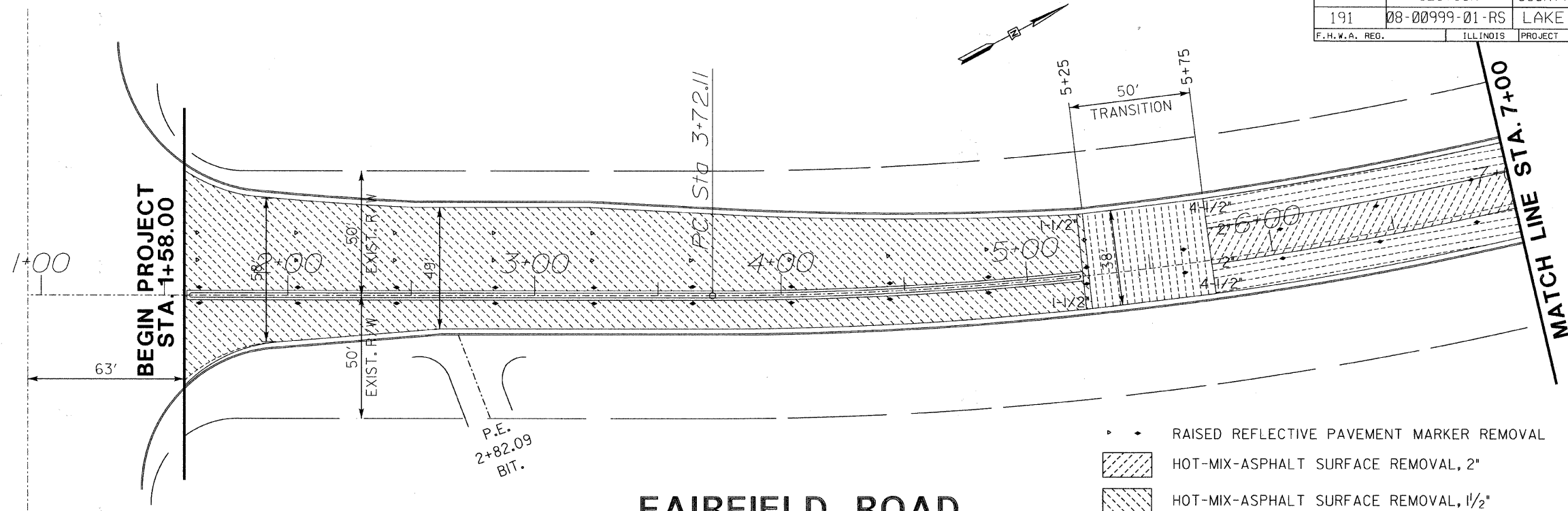


**FAIRFIELD RD RESURFACING
TRAFFIC CONTROL PLAN**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	26	60

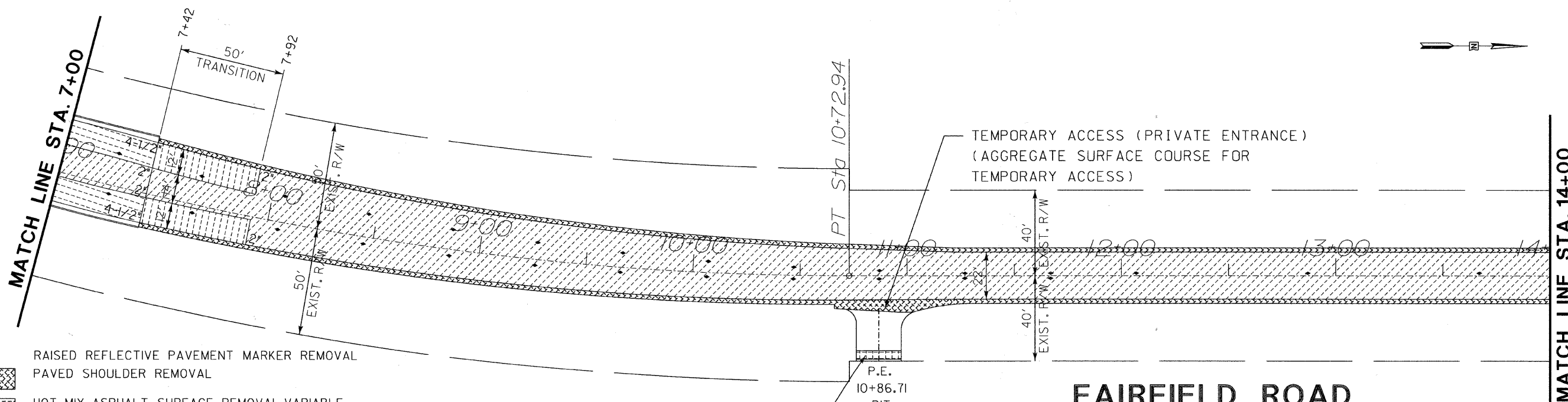
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	27
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407

OLD MCHENRY ROAD



FAIRFIELD ROAD

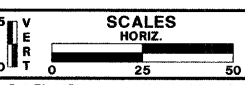
- • RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- [Diagonal Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- [Cross-hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, 1/2"
- [Vertical Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [Horizontal Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, (2" @ LANE LINE, 4 1/2" @ E/P)



FAIRFIELD ROAD

- [Cross-hatching] RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
 - [Diagonal Hatching] PAVED SHOULDER REMOVAL
 - [Horizontal Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, (2" @ LANE LINE, 4 1/2" @ E/P)
 - [Vertical Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - [Diagonal Hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
 - [Cross-hatching] HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT
- HMA SURFACE REMOVAL-DRIVEWAY BUTT JOINT
(BUTT JOINT SHALL TERMINATE 1' FROM R.O.W.)

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

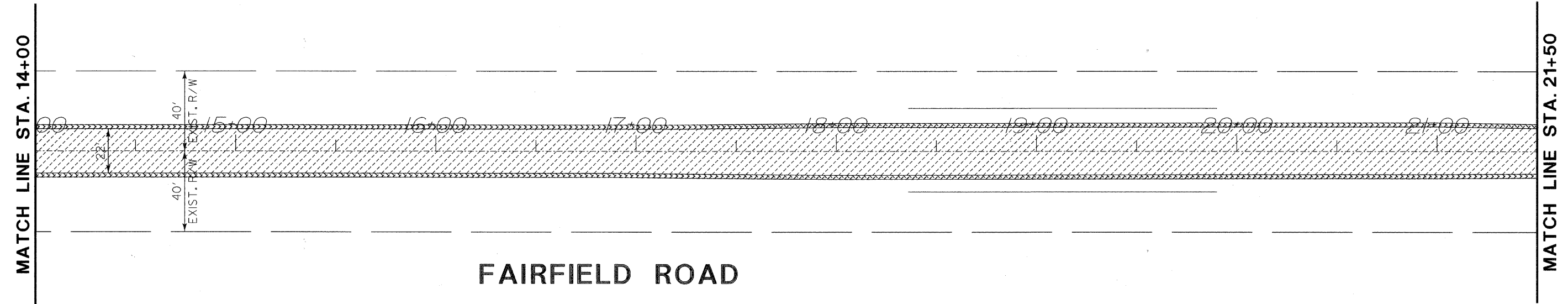
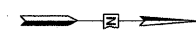


PLAN SHEET
STA. 1+58.00 TO 14+00

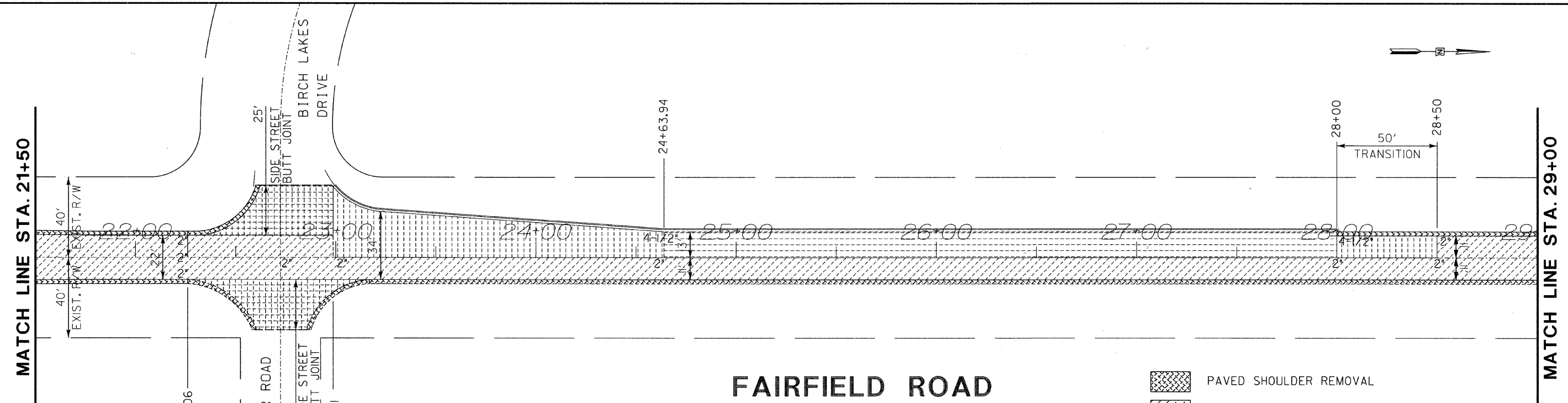
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	27	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old Mchenry Rd\Final Plans and Qty\Milling Plan Sheets\13-02 mp0Ldgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	28
F. H. W. A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

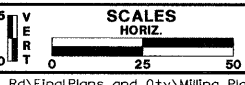


- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"



- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2" @ LANE LINE, 4 1/2" @ E/P)
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**

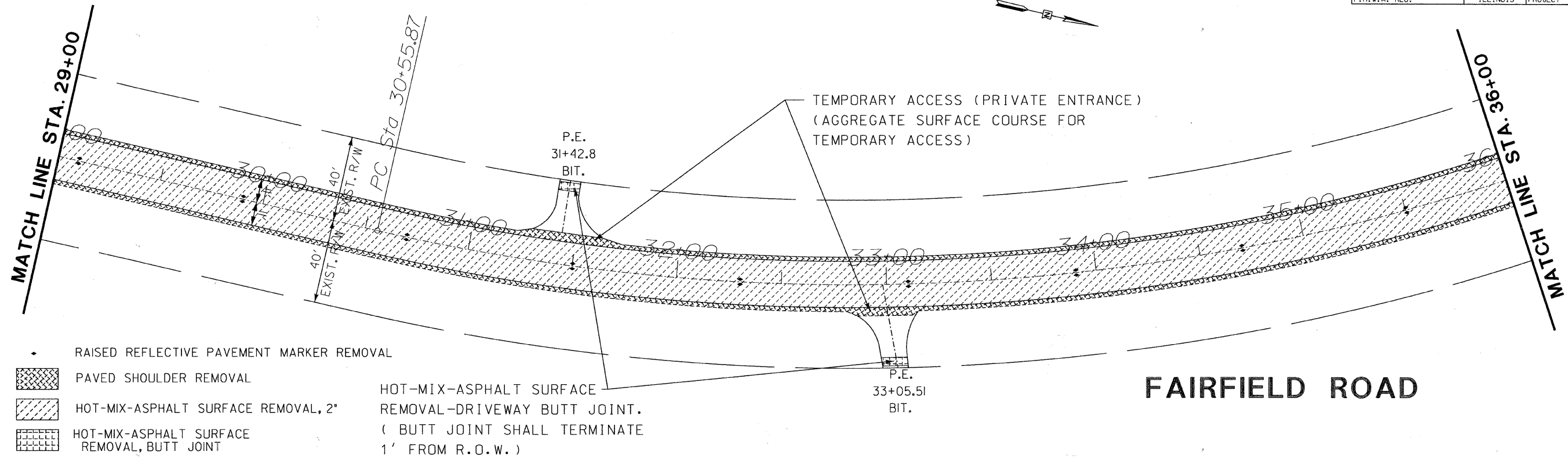


PLAN SHEET
STA. 14+00 TO 29+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	28	60

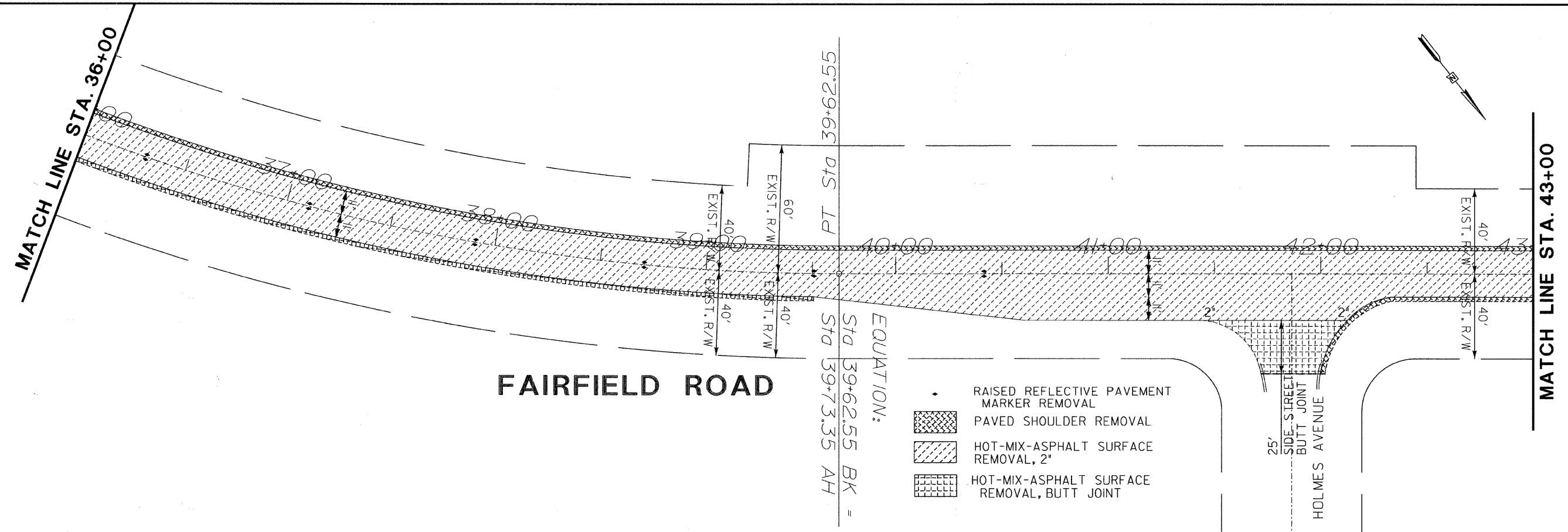
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	29
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407



- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
 - PAVED SHOULDER REMOVAL
 - HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT
- HOT-MIX-ASPHALT SURFACE REMOVAL-DRIVEWAY BUTT JOINT. (BUTT JOINT SHALL TERMINATE 1' FROM R.O.W.)

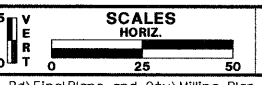
FAIRFIELD ROAD



- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

FAIRFIELD ROAD

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

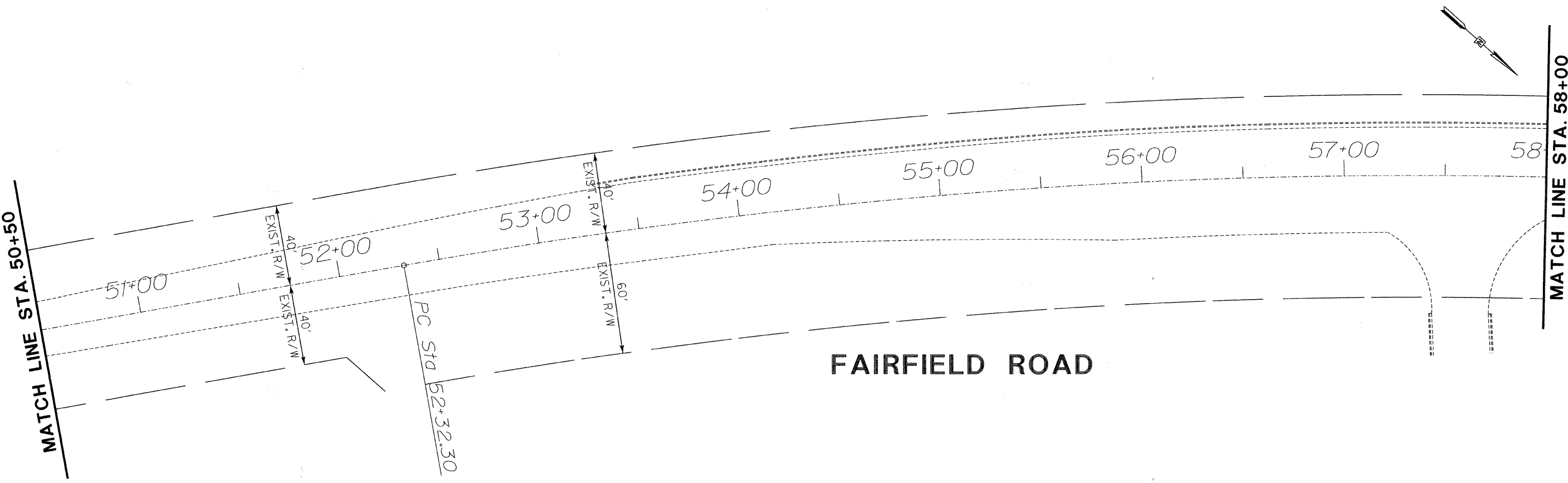
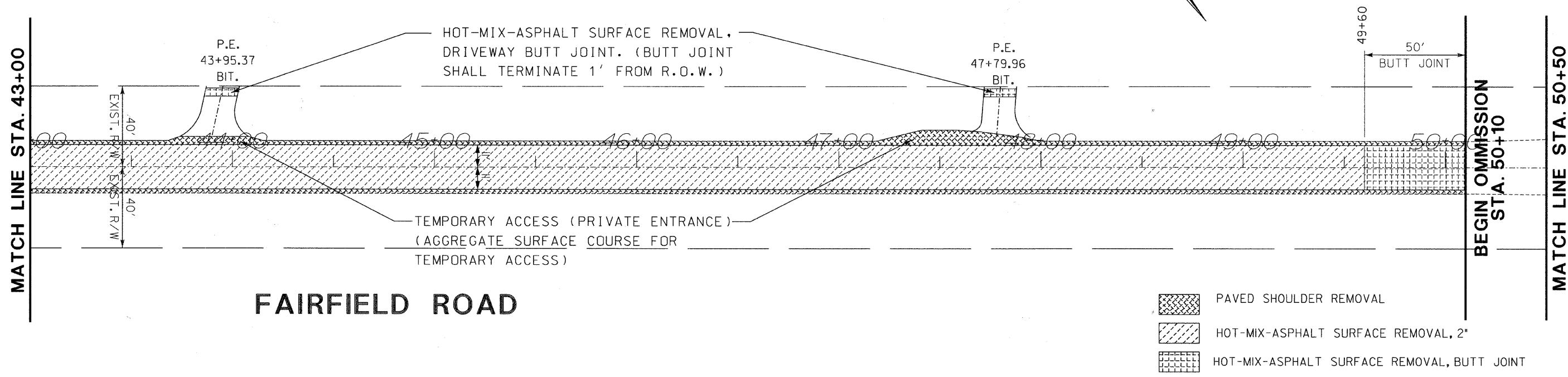


PLAN SHEET STA. 29+00 TO 43+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	29	60

FILE NAME: Y:\dgn\2009 Resurfacing (consultant) job\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\13-04 mp03.dgn

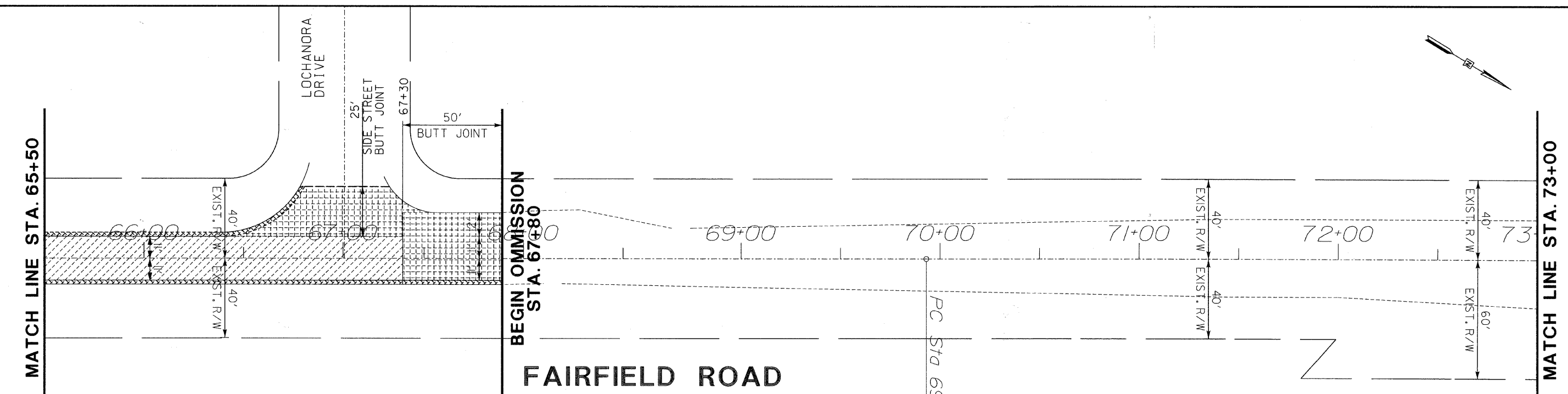
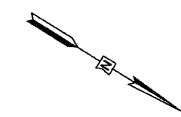
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	30
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407



REVISIONS / REMARKS				SCALES			PLAN SHEET STA. 43+00 TO 58+00	ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
NO.	DESCRIPTION	DATE	BY	SURVEYOR	HORIZ.			CH49	113	08-00999-01-RS	30	60
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2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY:								

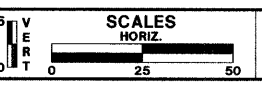
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	31
F.H.W.A. REG.		ILLINOIS	PROJECT ARA-9003(467)	
CONTRACT NO. 63497				



- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**

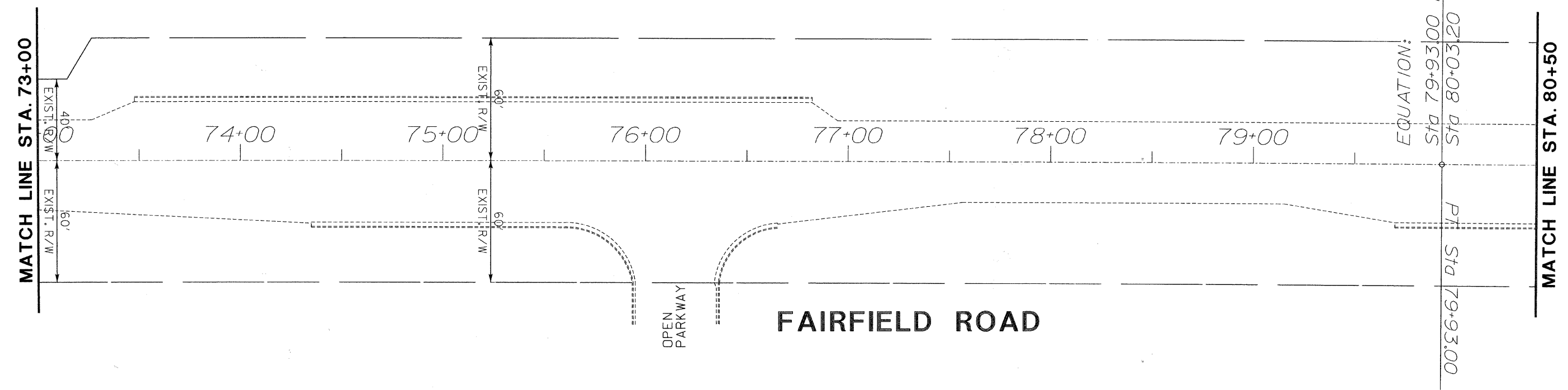


**PLAN SHEET
STA. 58+00 TO 73+00**

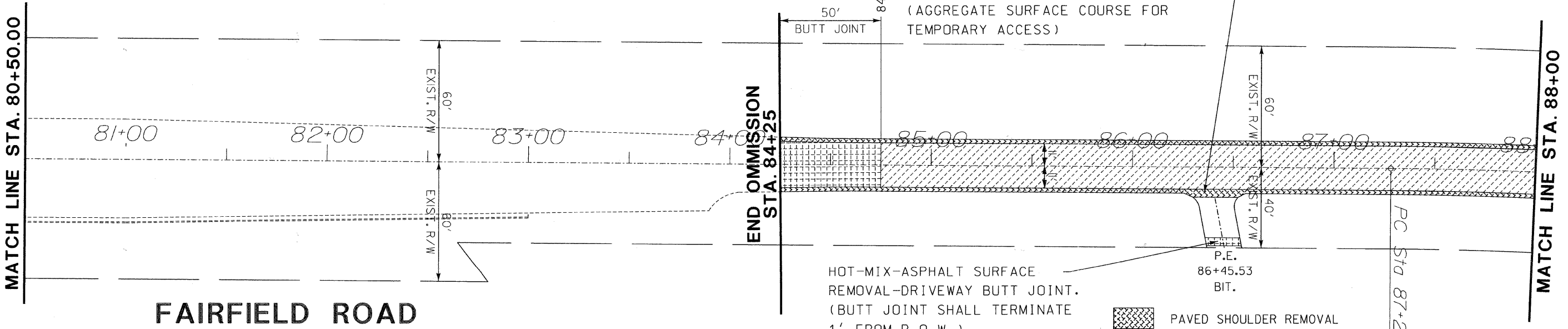
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	31	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Milling Plan Sheets\113-06 mp05.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	32
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(467)	CONTRACT NO. 63407	






EQUATION:
 Sta 79+93.00 BK AH
 Sta 80+03.20 AH
 PVI Sta 79+93.00

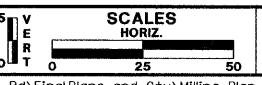


TEMPORARY ACCESS (PRIVATE ENTRANCE)
 (AGGREGATE SURFACE COURSE FOR
 TEMPORARY ACCESS)

HOT-MIX-ASPHALT SURFACE
 REMOVAL-DRIVEWAY BUTT JOINT.
 (BUTT JOINT SHALL TERMINATE
 1' FROM R.O.W.)

-  PAVED SHOULDER REMOVAL
-  HOT-MIX-ASPHALT SURFACE
REMOVAL, BUTT JOINT
-  HOT-MIX-ASPHALT
SURFACE REMOVAL, 2"

NO.	DESCRIPTION	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**



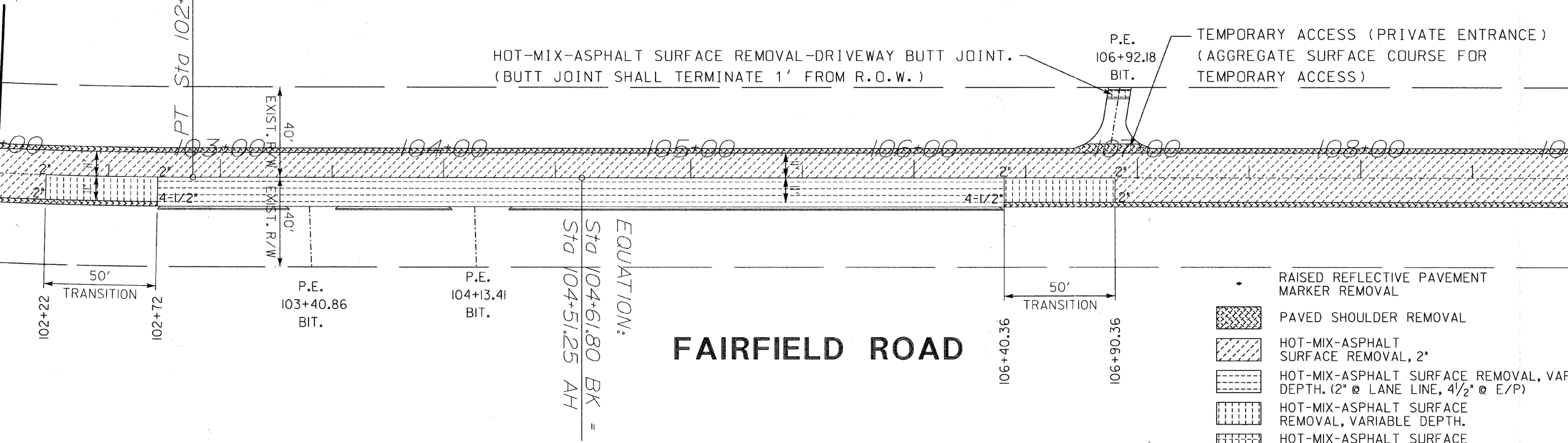
**PLAN SHEET
STA. 73+00 TO 88+00**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	32	60

FILE NAME: Y:\adgn\2009 Resurfacing \Consultant Job\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\13-07 mp06.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	34
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(467)	CONTRACT NO. 63407	

MATCH LINE STA. 102+00



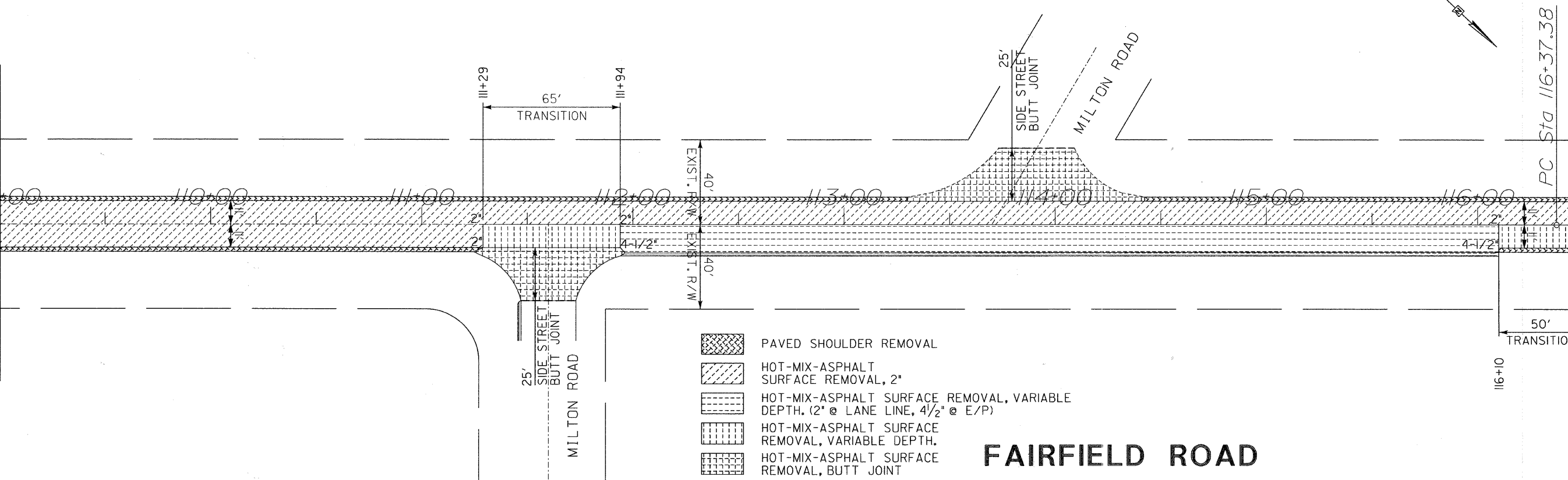
FAIRFIELD ROAD

EQUATION:
 STA 104+61.80 BK =
 STA 104+51.25 AH

- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. (2" @ LANE LINE, 4 1/2" @ E/P)
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

MATCH LINE STA. 109+00

MATCH LINE STA. 109+00

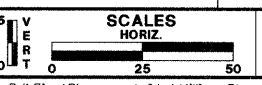


FAIRFIELD ROAD

- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. (2" @ LANE LINE, 4 1/2" @ E/P)
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

MATCH LINE STA. 116+50

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

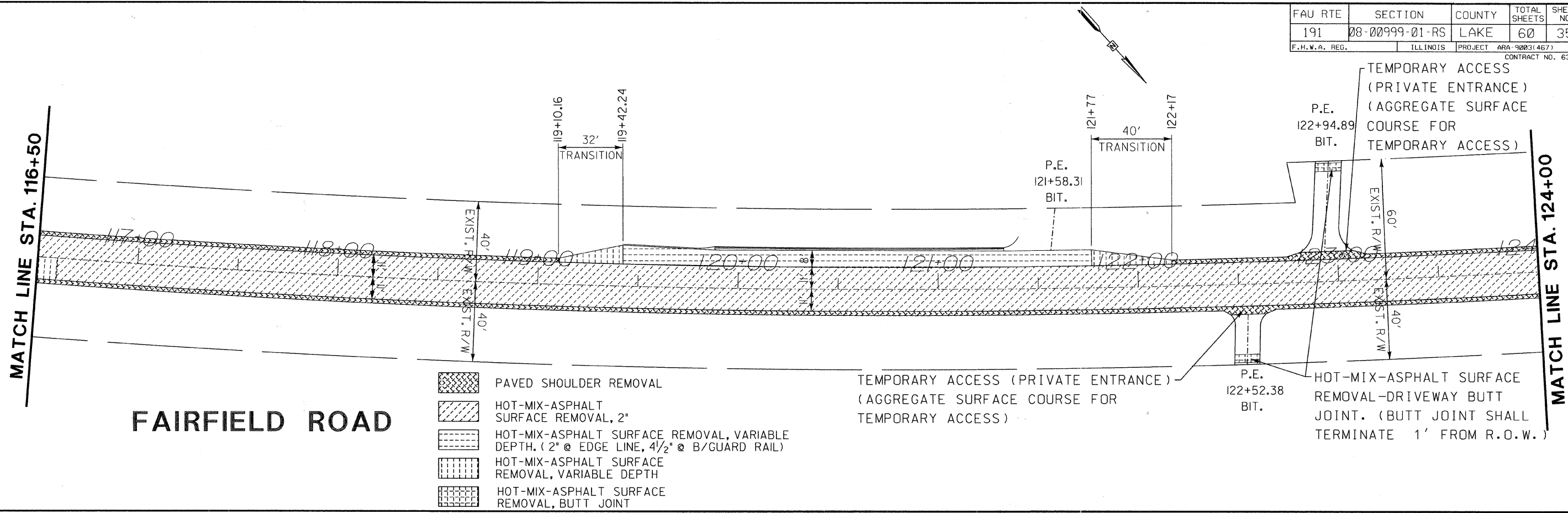


PLAN SHEET
 STA. 102+00 TO 116+50

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	34	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-09 mp08.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	35
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

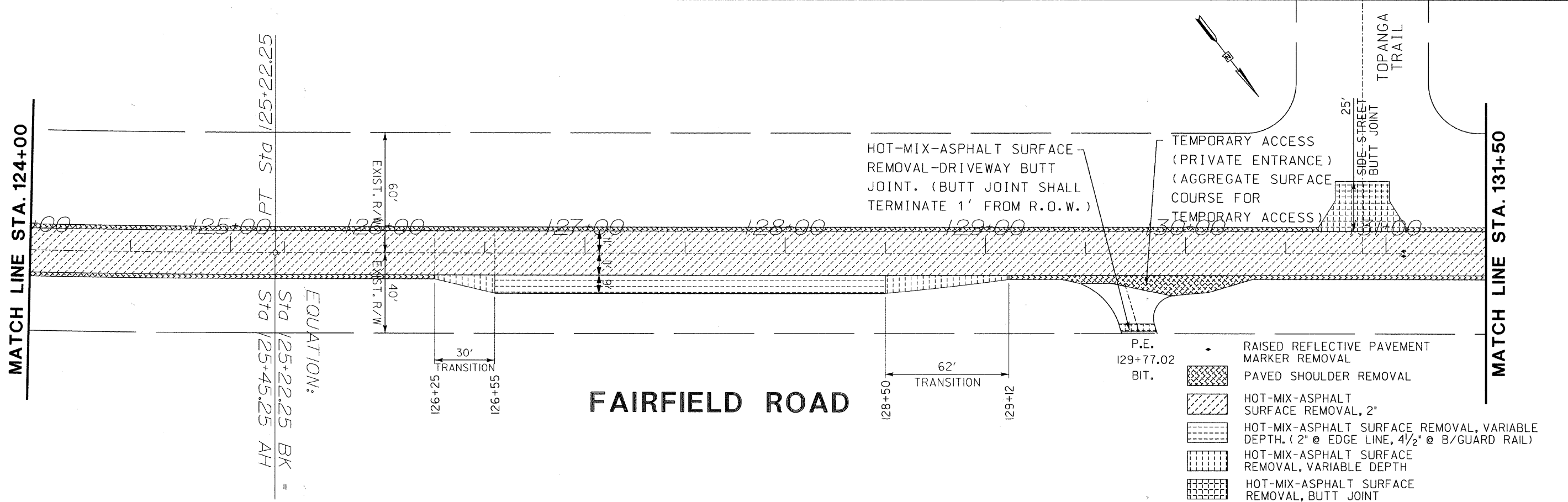


FAIRFIELD ROAD

- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. (2" @ EDGE LINE, 4 1/2" @ B/GUARD RAIL)
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

TEMPORARY ACCESS (PRIVATE ENTRANCE) (AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS)

HOT-MIX-ASPHALT SURFACE REMOVAL-DRIVEWAY BUTT JOINT. (BUTT JOINT SHALL TERMINATE 1' FROM R.O.W.)

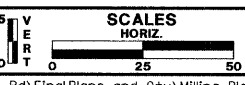


FAIRFIELD ROAD

- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. (2" @ EDGE LINE, 4 1/2" @ B/GUARD RAIL)
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

EQUATION:
 STA 125+22.25 BK =
 STA 125+45.25 AH

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

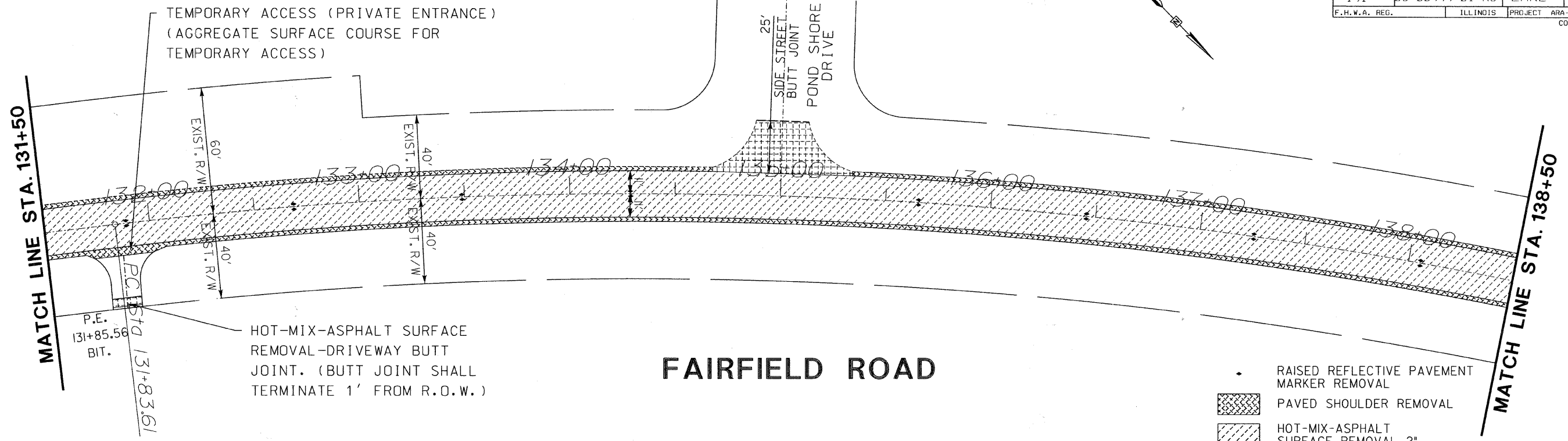


PLAN SHEET
STA. 116+50 TO 131+50

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	35	60

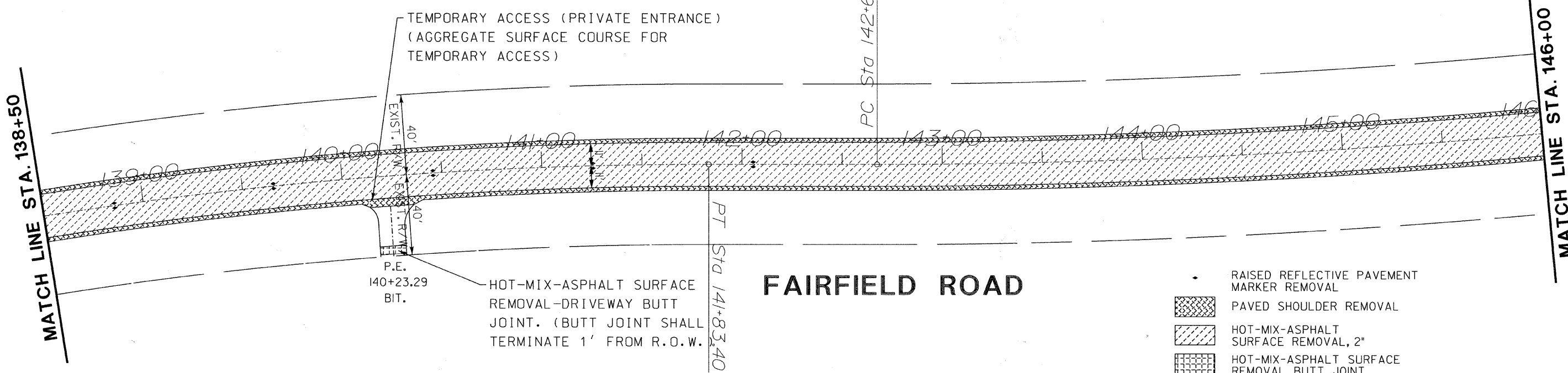
FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - L Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-10mp09.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	36
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				



FAIRFIELD ROAD

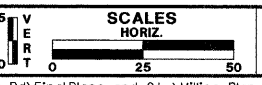
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- [Cross-hatched pattern] PAVED SHOULDER REMOVAL
- [Diagonal hatched pattern] HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- [Grid pattern] HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT



FAIRFIELD ROAD

- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- [Cross-hatched pattern] PAVED SHOULDER REMOVAL
- [Diagonal hatched pattern] HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- [Grid pattern] HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

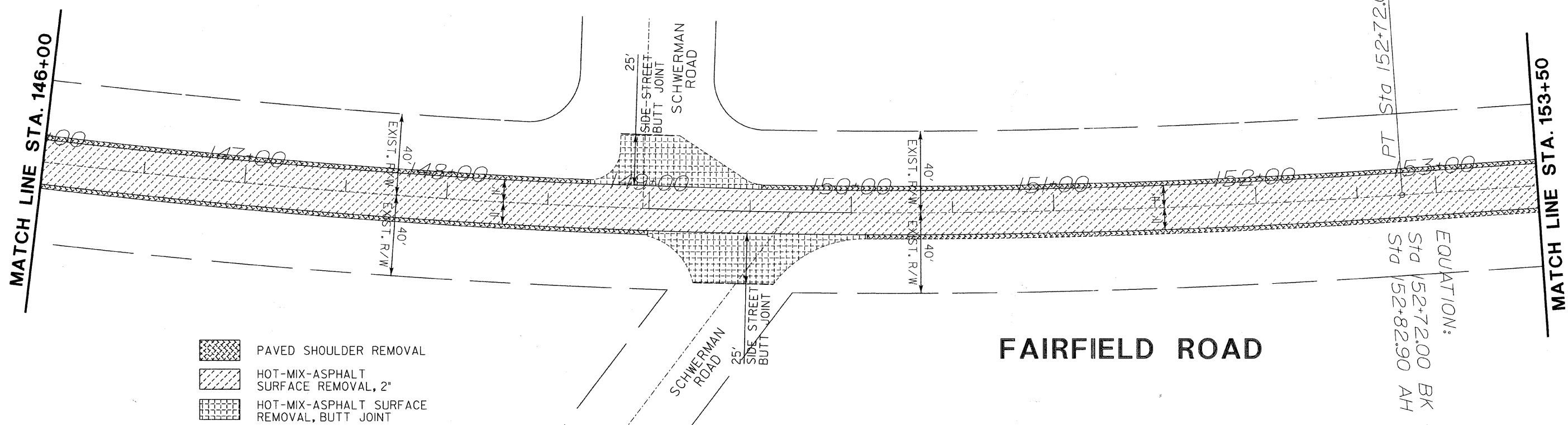


PLAN SHEET
STA. 131+50 TO 146+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	36	60

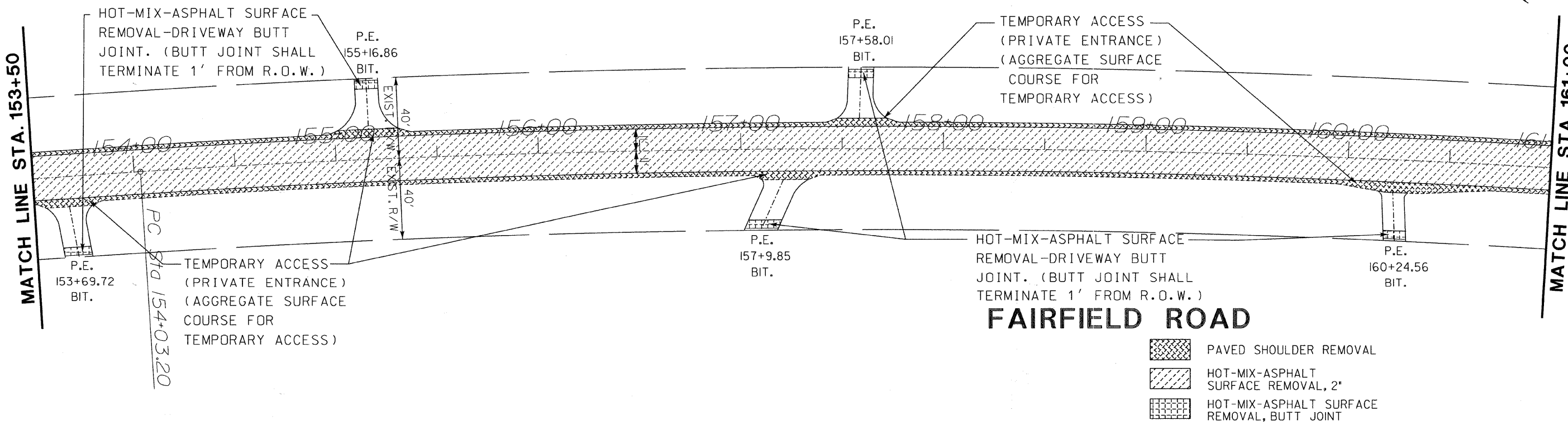
FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-11mpl0.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	37
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407



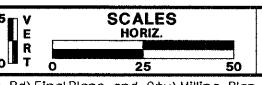
- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

EQUATION:
 Sta 152+72.00 BK =
 Sta 152+82.90 AH



- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	NK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009

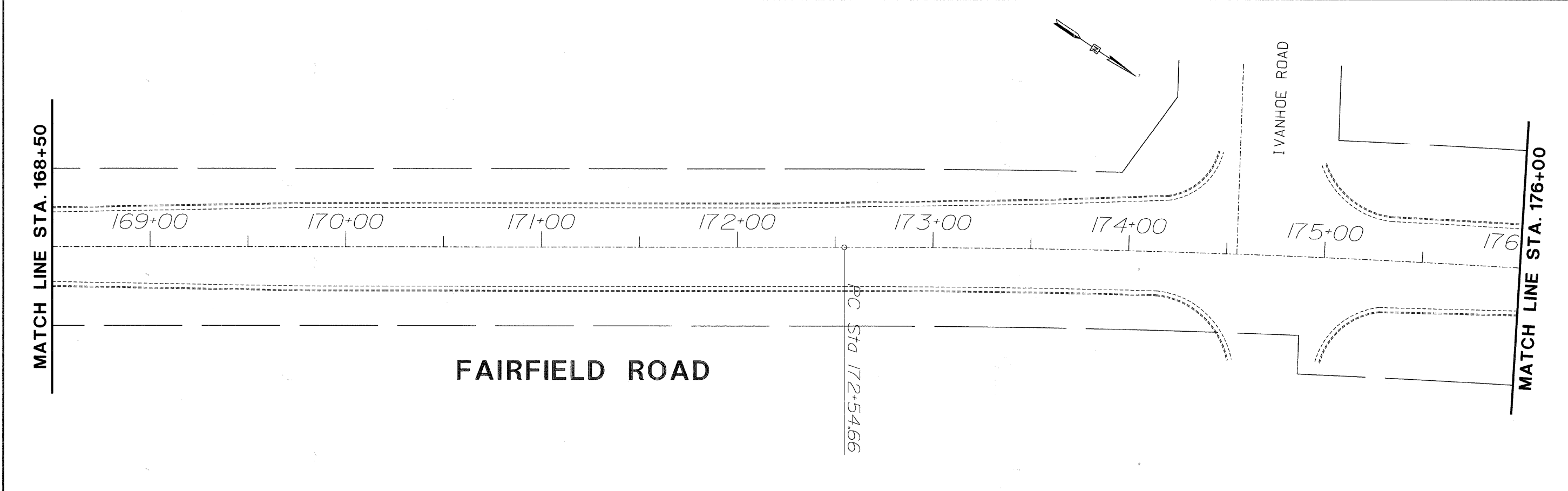
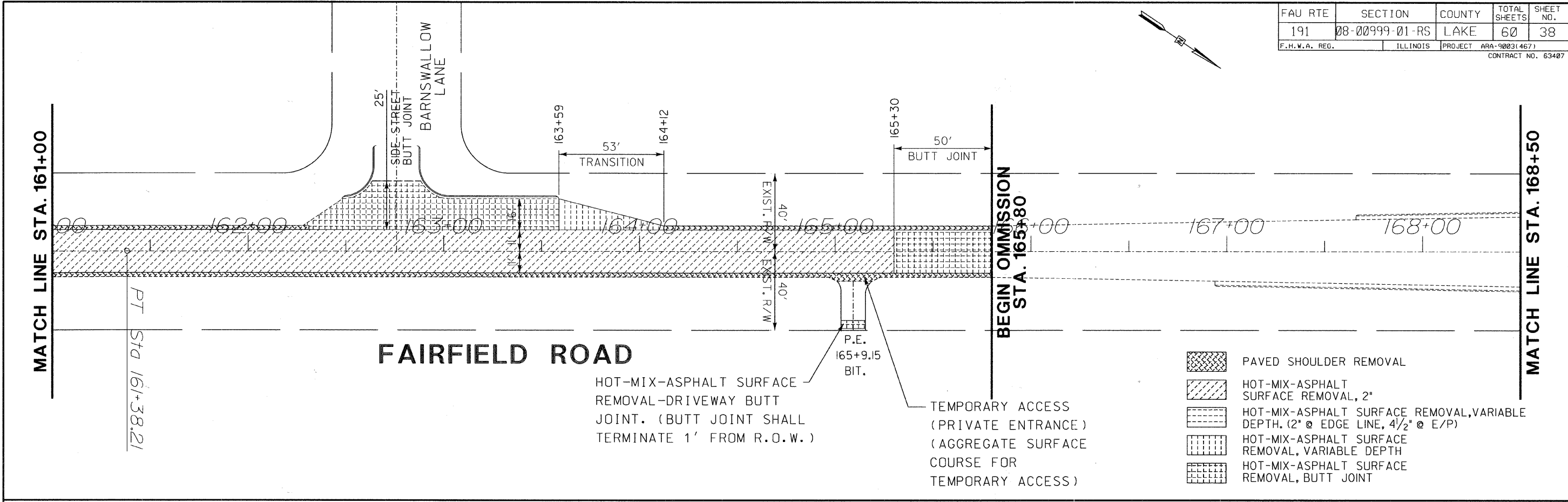


PLAN SHEET
 STA. 146+00 TO 161+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	37	60

FILE NAME: Y:\dgn\2009 Resurfacing\Consultant Job\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-12.mpl.dgn

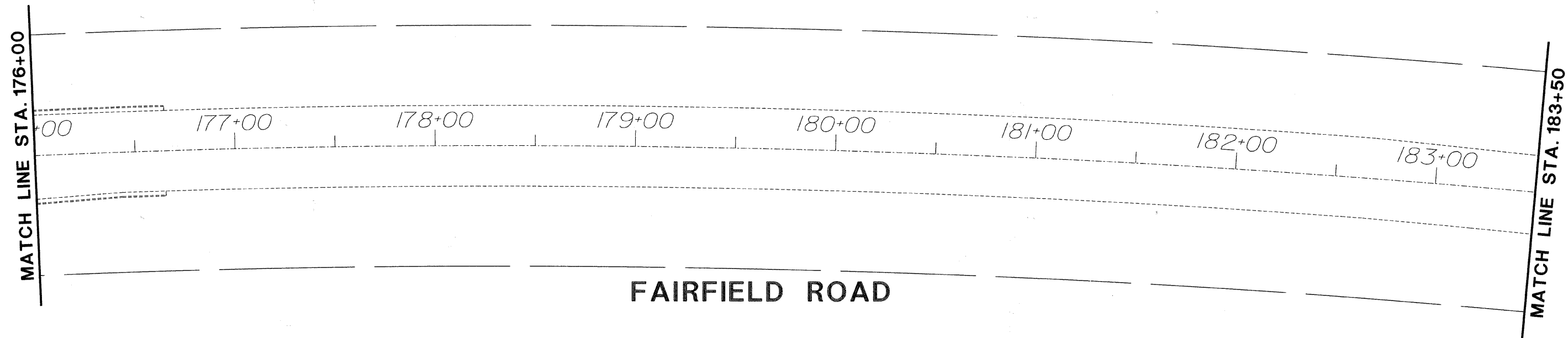
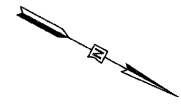
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	38
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				



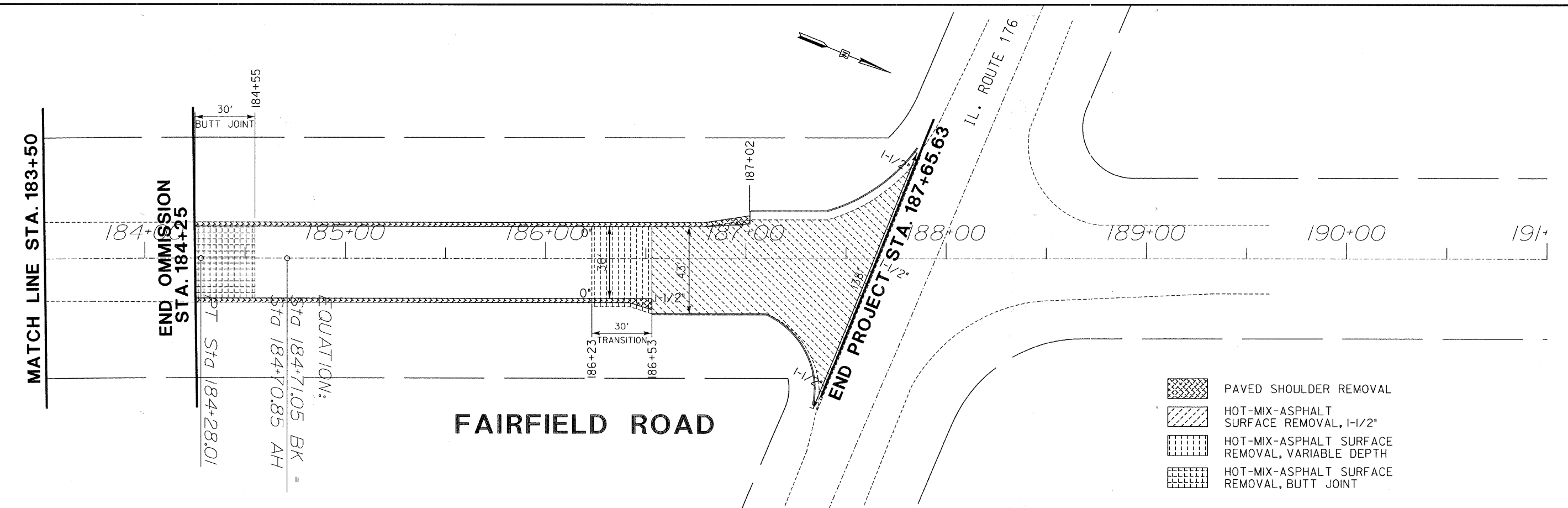
REVISIONS / REMARKS						FAIRFIELD ROAD RESURFACING 2009		PLAN SHEET		ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
NO.	DESCRIPTION	DATE	BY	SURVEYOR				CH49	113	08-00999-01-RS	38	60		
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON										
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY:										

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-13.mpl2.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	39
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				



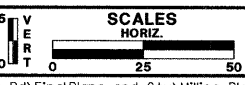
FAIRFIELD ROAD



FAIRFIELD ROAD

- PAVED SHOULDER REMOVAL
- HOT-MIX-ASPHALT SURFACE REMOVAL, 1-1/2"
- HOT-MIX-ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX-ASPHALT SURFACE REMOVAL, BUTT JOINT

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON:
2	PER IDOT REVIEW COMMENTS	10/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD
RESURFACING 2009



PLAN SHEET
STA. 176+00 TO 187+65.63

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	39	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Milling Plan Sheets\113-14.mpl3.dgn

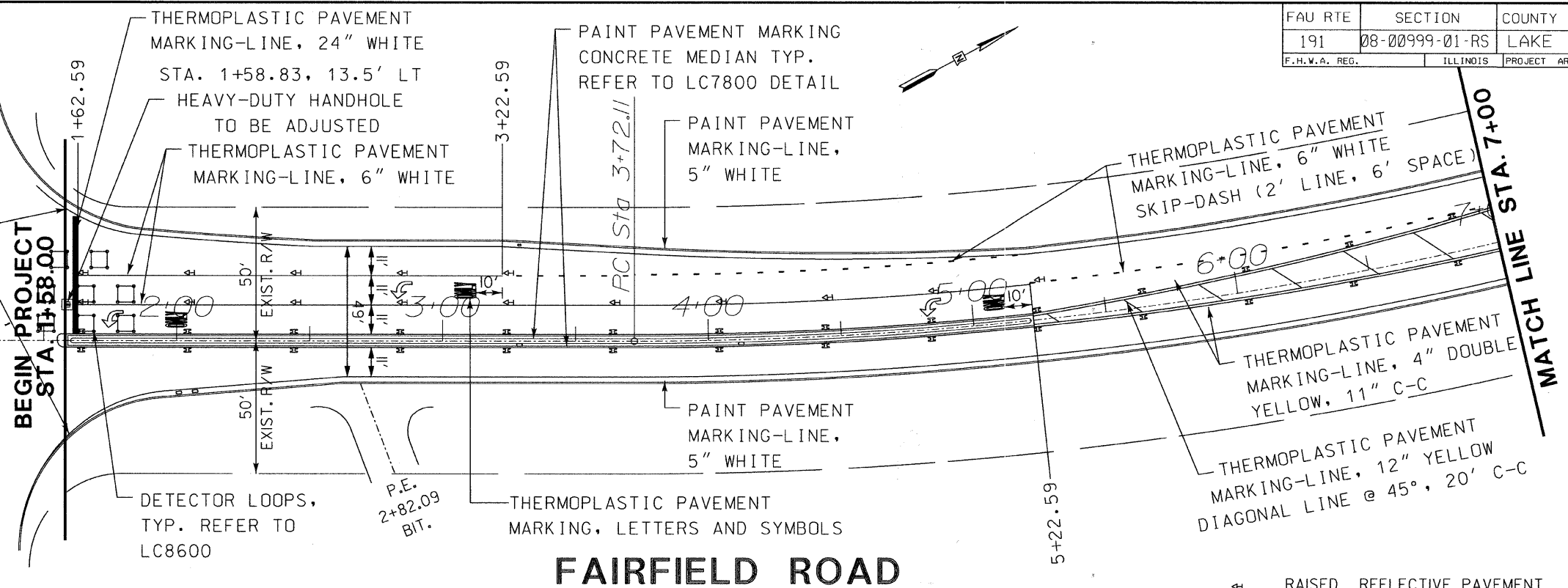
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	40
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

NOTES

- NO UTILITY CONFLICT ANTICIPATED.
- GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
- LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

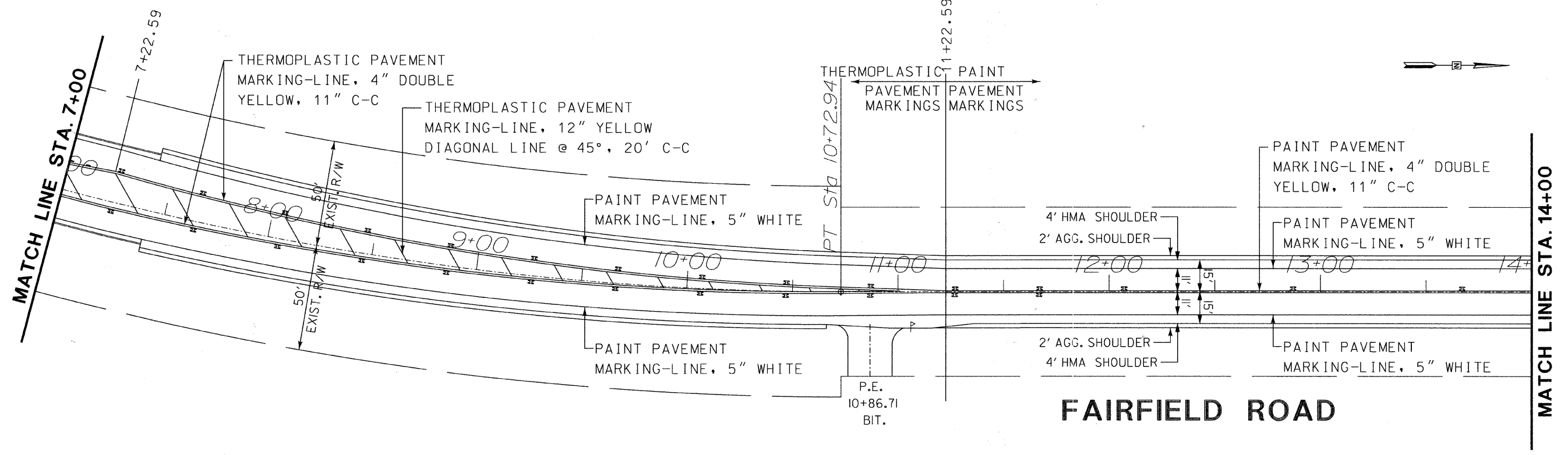
INTERSECTION RETURNS TO BE THERMOPLASTIC PAVEMENT MARKING-LINE, 5" WHITE

OLD MCHENRY ROAD



FAIRFIELD ROAD

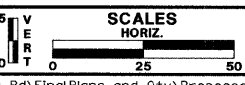
- ⬄ RAISED REFLECTIVE PAVEMENT MARKER, WHITE AND RED
- ⬄ RAISED REFLECTIVE PAVEMENT MARKER, DOUBLE YELLOW



FAIRFIELD ROAD

- ⬄ RAISED REFLECTIVE PAVEMENT MARKER, DOUBLE YELLOW

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



PLAN SHEET
STA. 0+00 TO 14+00

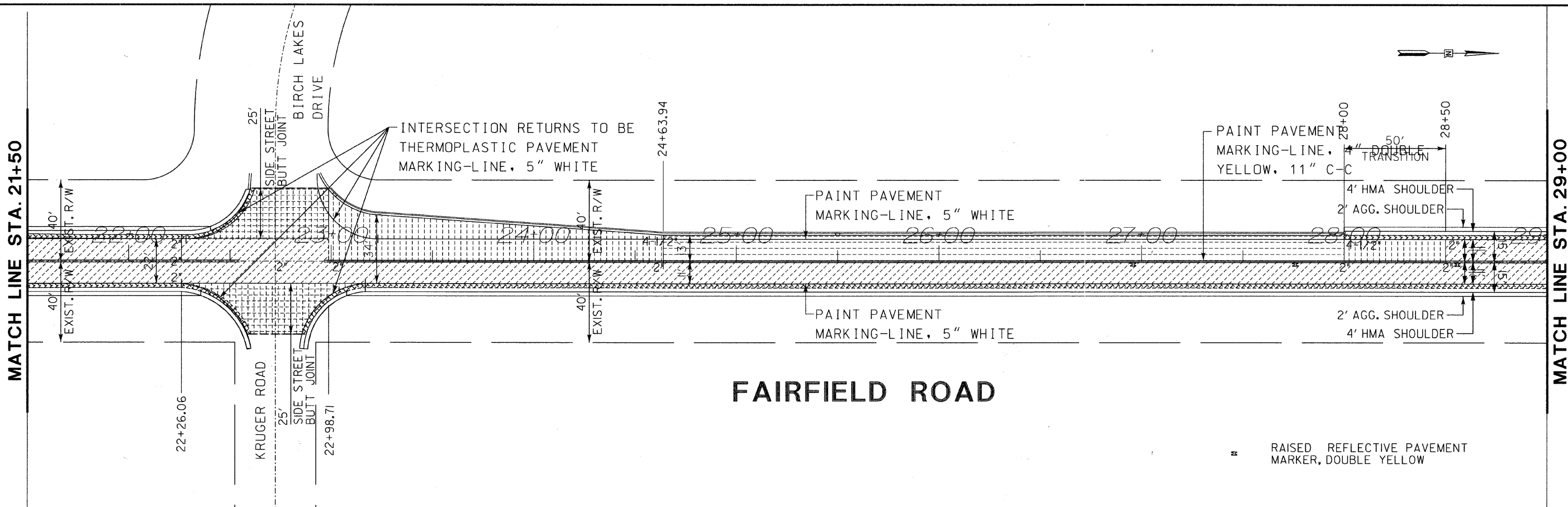
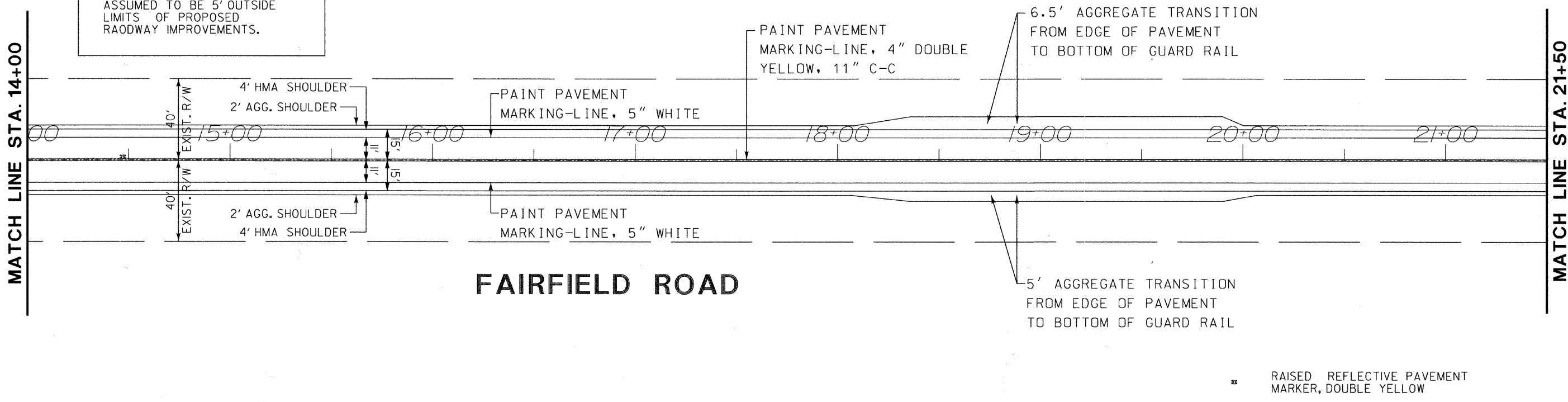
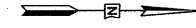
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	40	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\13-02 pp01.dgn

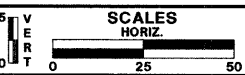
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	41
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

NOTES

1. NO UTILITY CONFLICT ANTICIPATED.
2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



NO.	DESCRIPTION	DATE	BY	SURVEYOR:
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON:
		/ /		PLOTTED BY:
				hdscs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



PLAN SHEET
STA. 14+00 TO 29+00

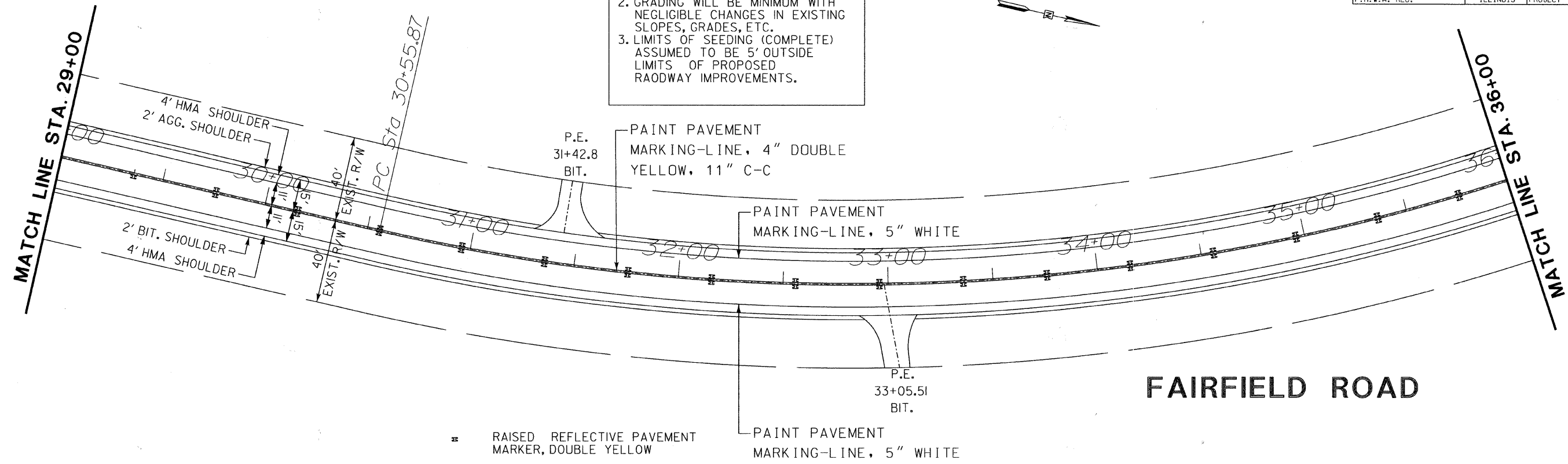
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	41	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\113-03 pp02.dgn

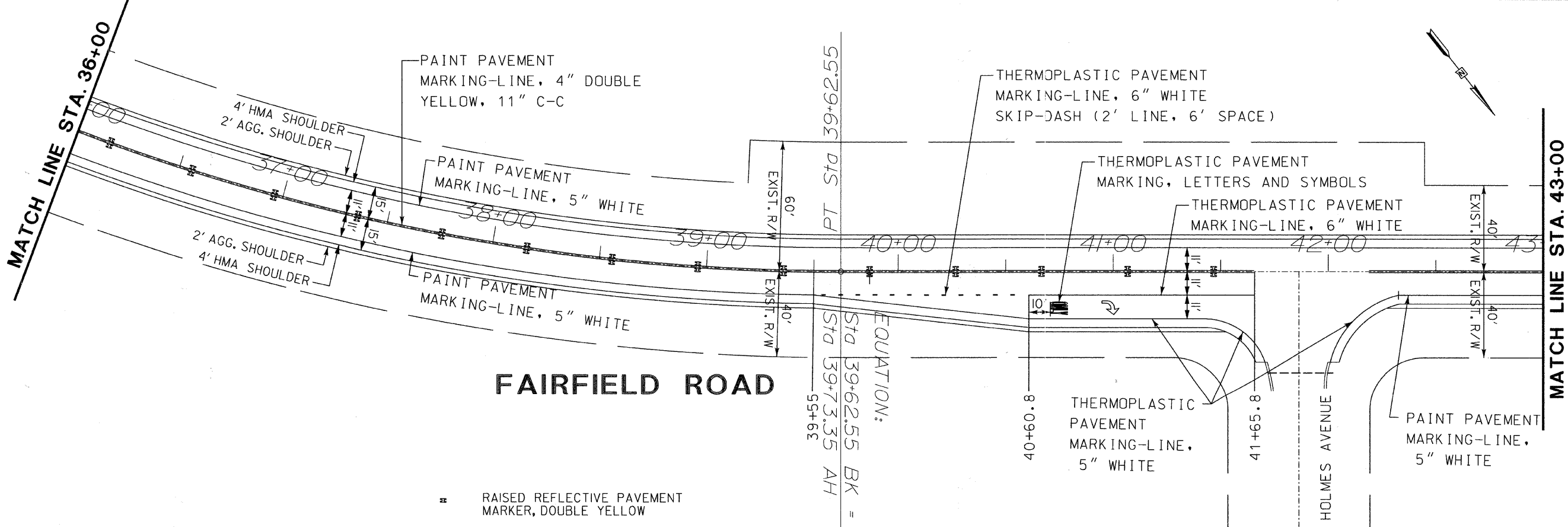
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	42
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(467)	CONTRACT NO. 63407	

NOTES

- NO UTILITY CONFLICT ANTICIPATED.
- GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
- LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

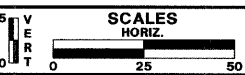


FAIRFIELD ROAD



FAIRFIELD ROAD

NO.	DESCRIPTION	DATE	BY	SURVEYOR
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
				PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



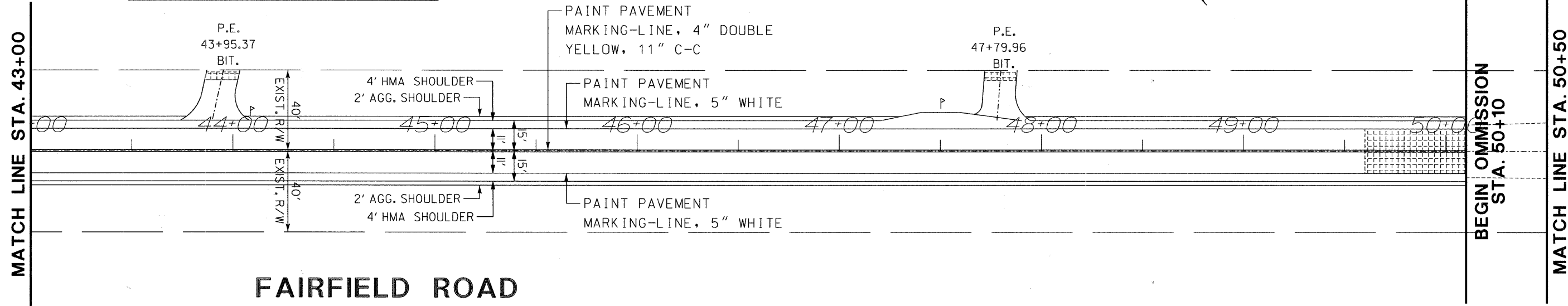
PLAN SHEET
STA. 29+00 TO 43+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	42	60

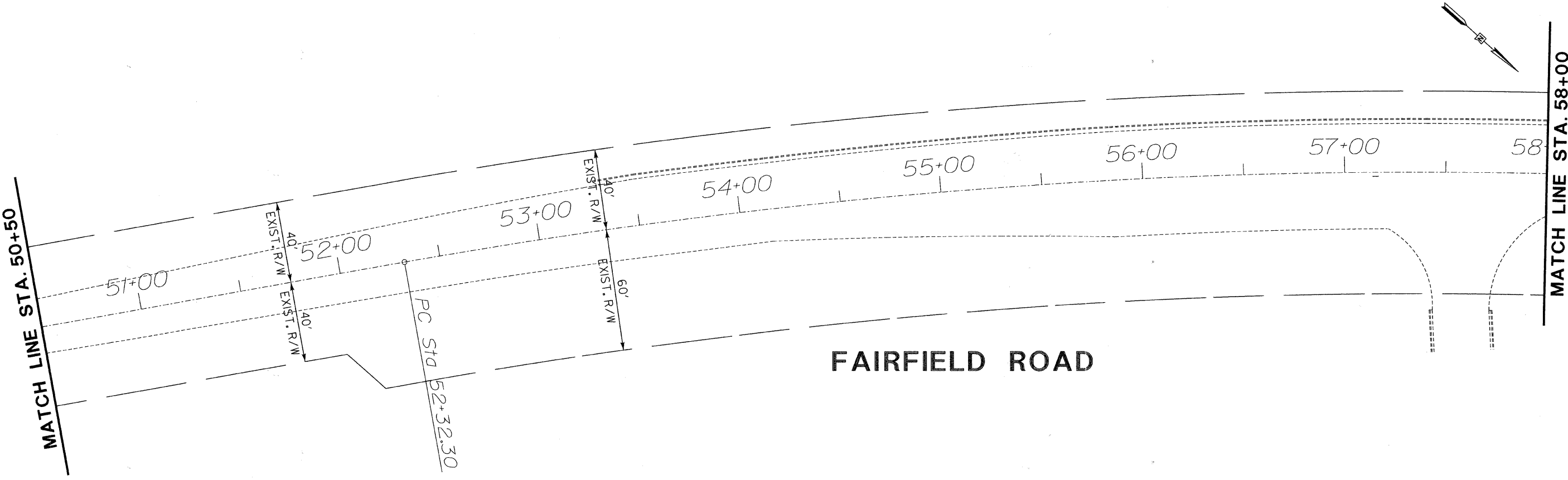
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NOTES
 1. NO UTILITY CONFLICT ANTICIPATED.
 2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
 3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	43
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

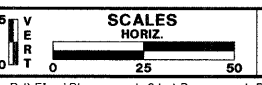


FAIRFIELD ROAD



FAIRFIELD ROAD

REVISIONS / REMARKS		DATE	BY	SURVEYOR
NO.	DESCRIPTION			
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
		/ /		PLOTTED BY:
				hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**



**PLAN SHEET
STA. 43+00 TO 58+00**

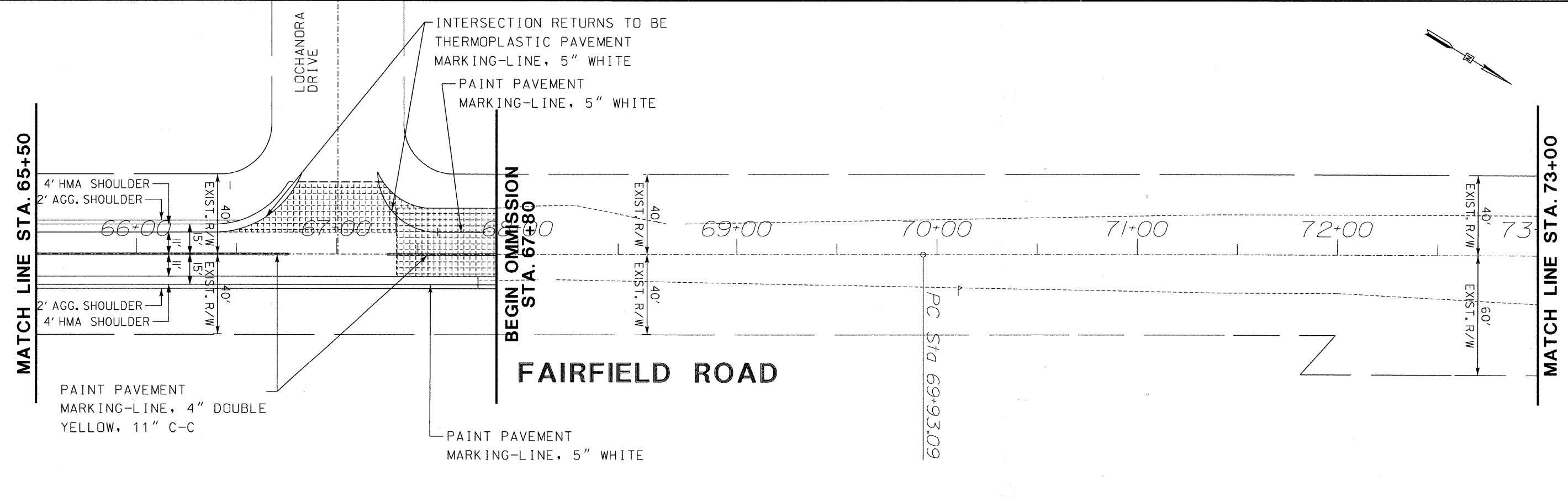
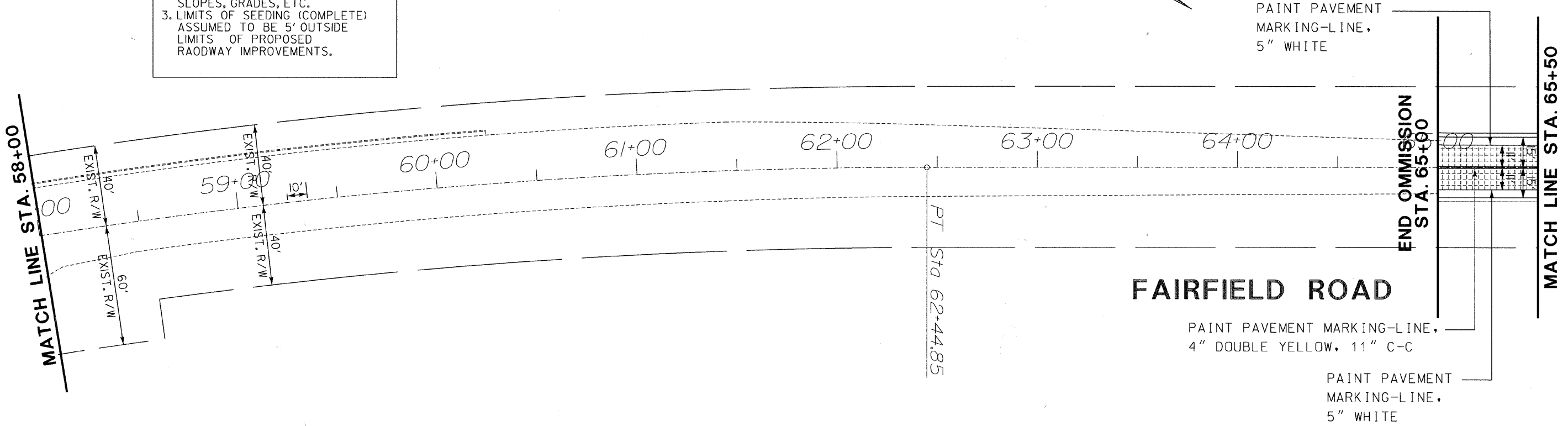
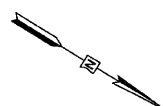
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	43	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\13-05 pp04.dgn

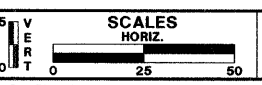
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	44
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407

NOTES

- NO UTILITY CONFLICT ANTICIPATED.
- GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
- LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



REVISIONS / REMARKS		DATE	BY	SURVEYOR
NO.	DESCRIPTION	11/24/09	MK	DSGMR/LAISON
1.	PER IDOT REVIEW COMMENTS			



FAIRFIELD ROAD RESURFACING 2009



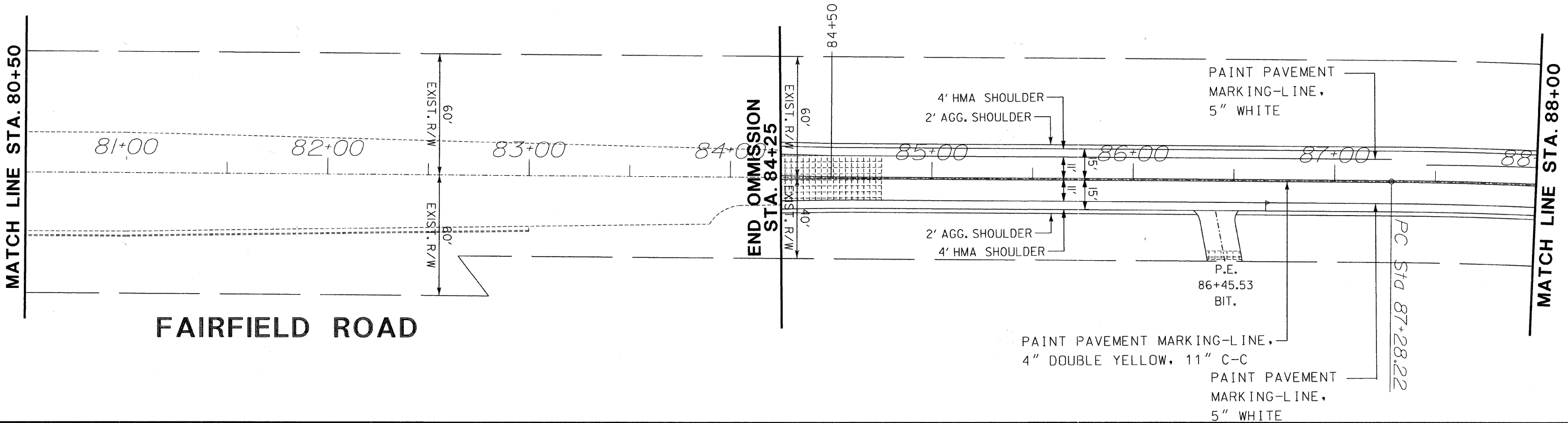
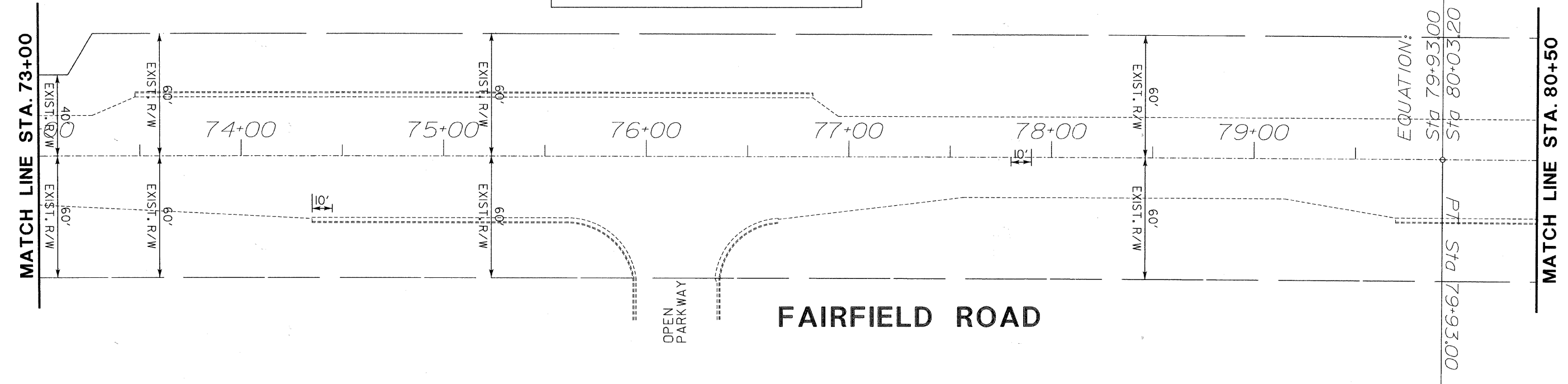
PLAN SHEET
STA. 58+00 TO 73+00

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	44	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\113-06 pp05.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00999-01-RS	LAKE	60	45
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(467)	CONTRACT NO. 63407

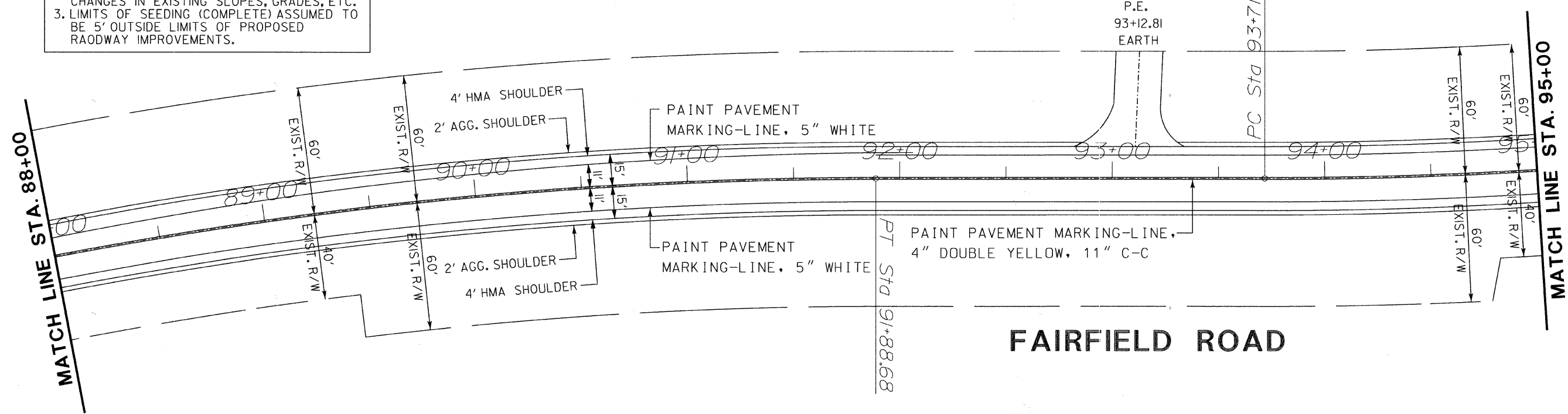
NOTES
 1. NO UTILITY CONFLICT ANTICIPATED.
 2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
 3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



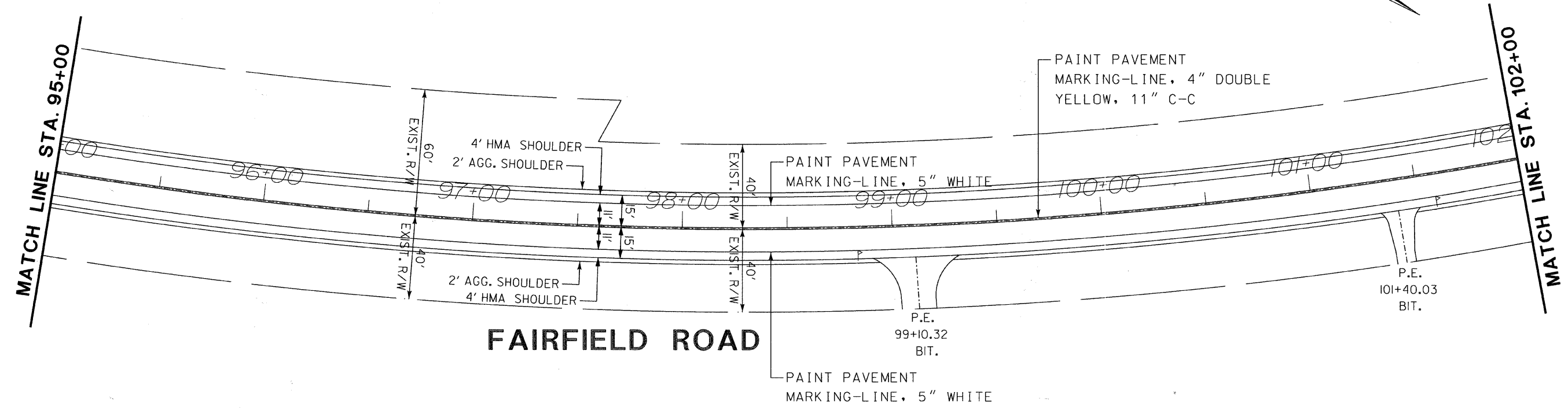
REVISIONS / REMARKS				SCALES		FAIRFIELD ROAD RESURFACING 2009		FAIRFIELD RD RESURFACING STA. 73+00 TO 88+00		ROUTE SECTION SECTION NUMBER SHEET SHEETS	
NO.	DESCRIPTION	DATE	BY	SURVEYOR	HORIZ.	Lake County Division of Transportation		CH 49	113	08-00999-01-RS	45 60
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGNR/LIAISON	0 25 50						
				PLOTTED BY:							

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	46
F.H.W.A. REG.		ILLINOIS	PROJECT ARA-9003(467)	
CONTRACT NO. 63407				

NOTES
 1. NO UTILITY CONFLICT ANTICIPATED.
 2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
 3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

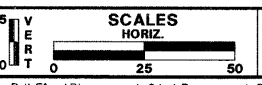


FAIRFIELD ROAD



FAIRFIELD ROAD

REVISIONS / REMARKS		DATE	BY	SURVEYOR
NO.	DESCRIPTION			
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGNR/LIAISON
				PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**



**PLAN SHEET
STA. 88+00 TO 102+00**

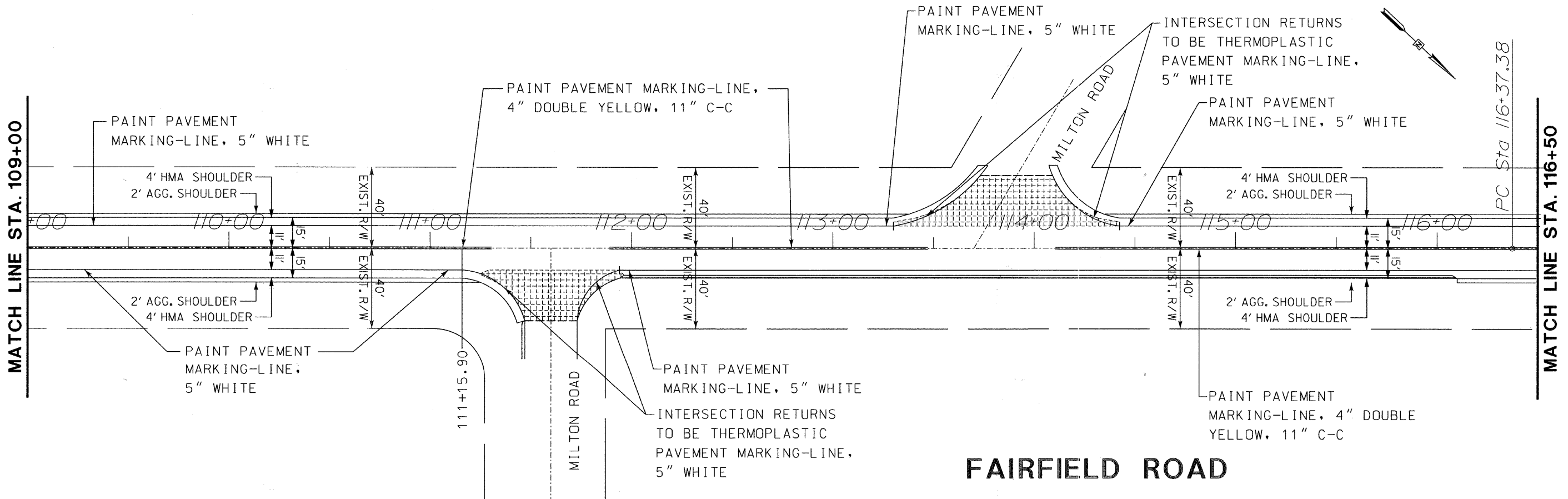
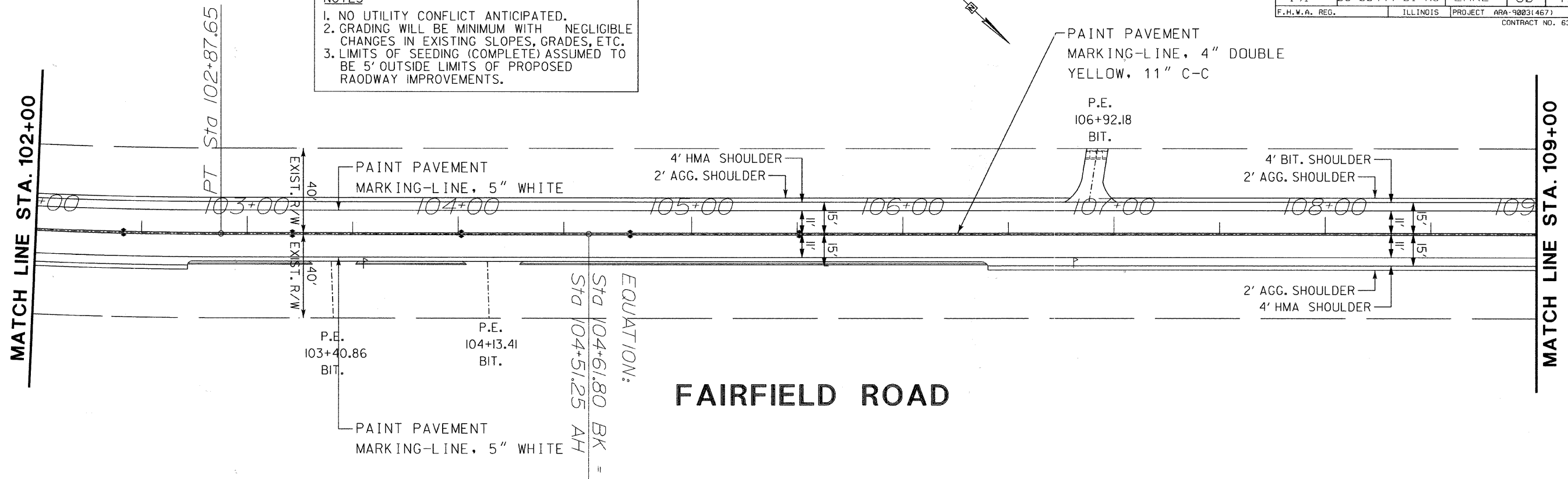
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	46	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Proposed Plan Sheets\113-08 pp07.dgn

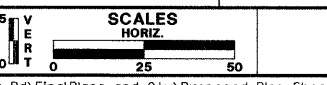
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	47
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

NOTES

- NO UTILITY CONFLICT ANTICIPATED.
- GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
- LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
				PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



PLAN SHEET
STA. 102+00 TO 116+50

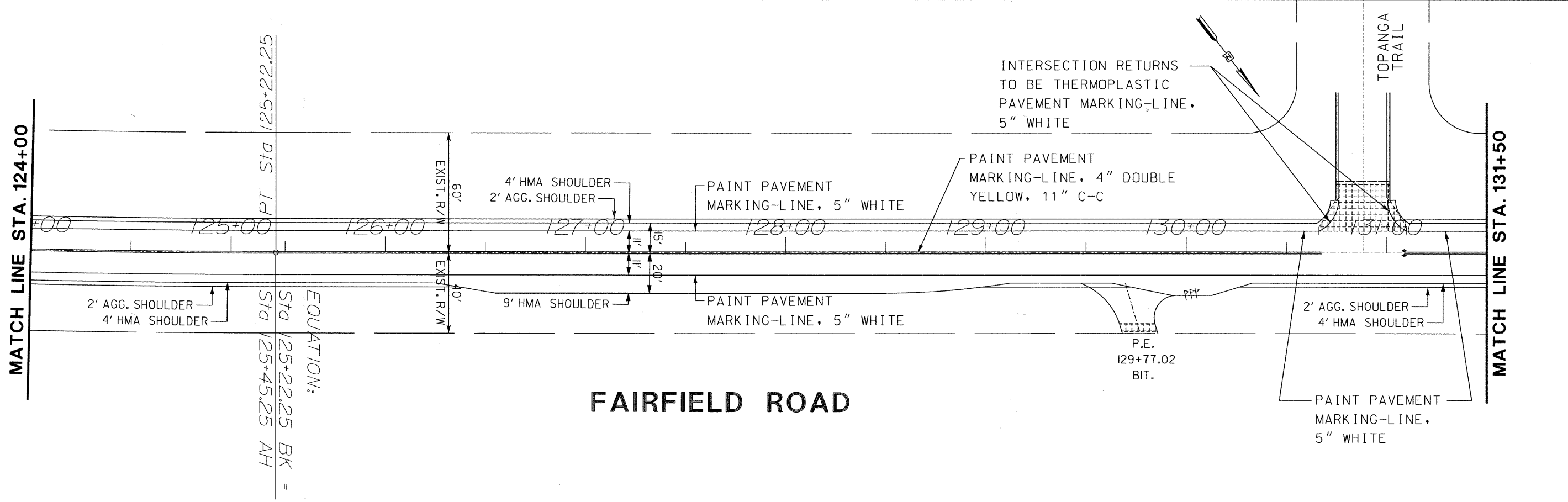
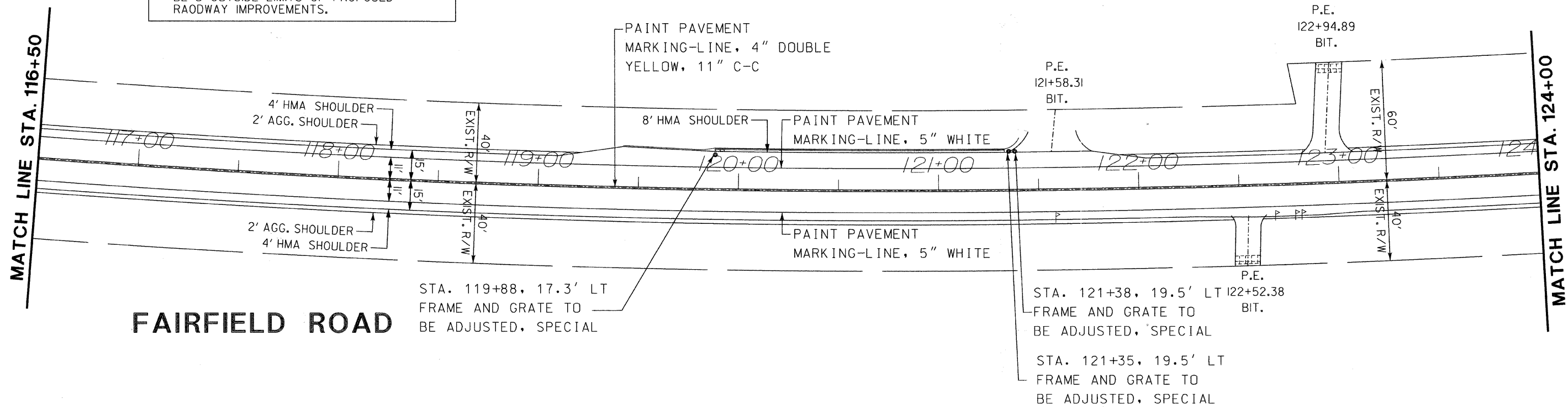
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	47	60

FILE NAME: Y:\dgn\2009 Resurfacing\Consultant Job\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Proposed Plan Sheets\13-09 pp08.dgn

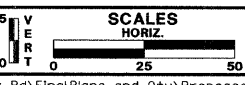
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	48
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

NOTES

1. NO UTILITY CONFLICT ANTICIPATED.
2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



NO.	DESCRIPTION	DATE	BY	SURVEYOR
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
		1/7		PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



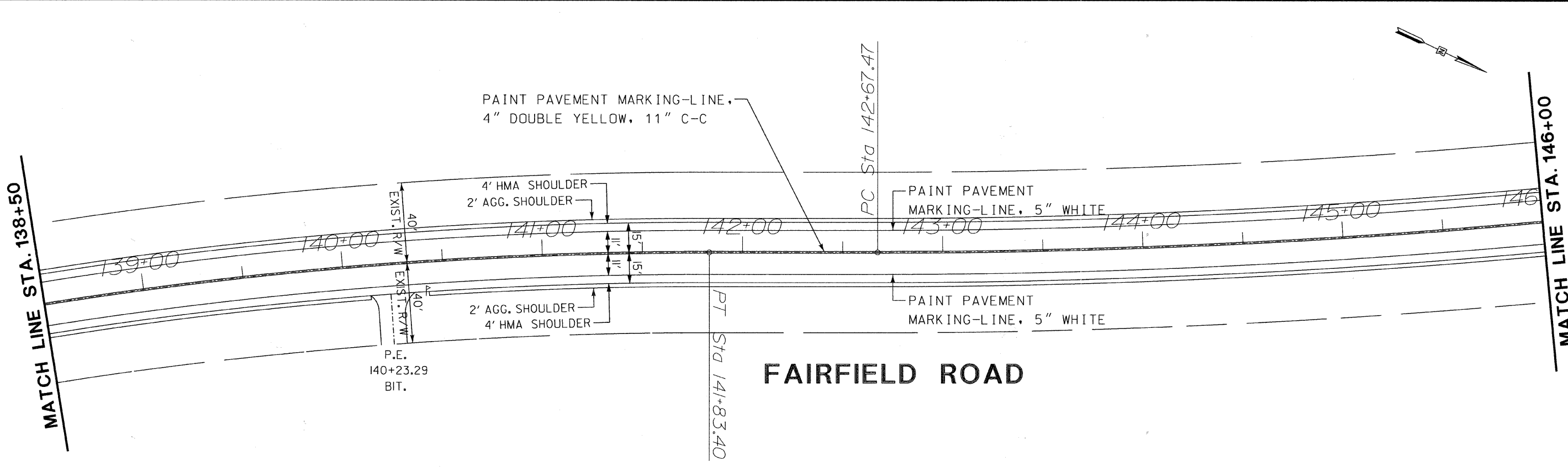
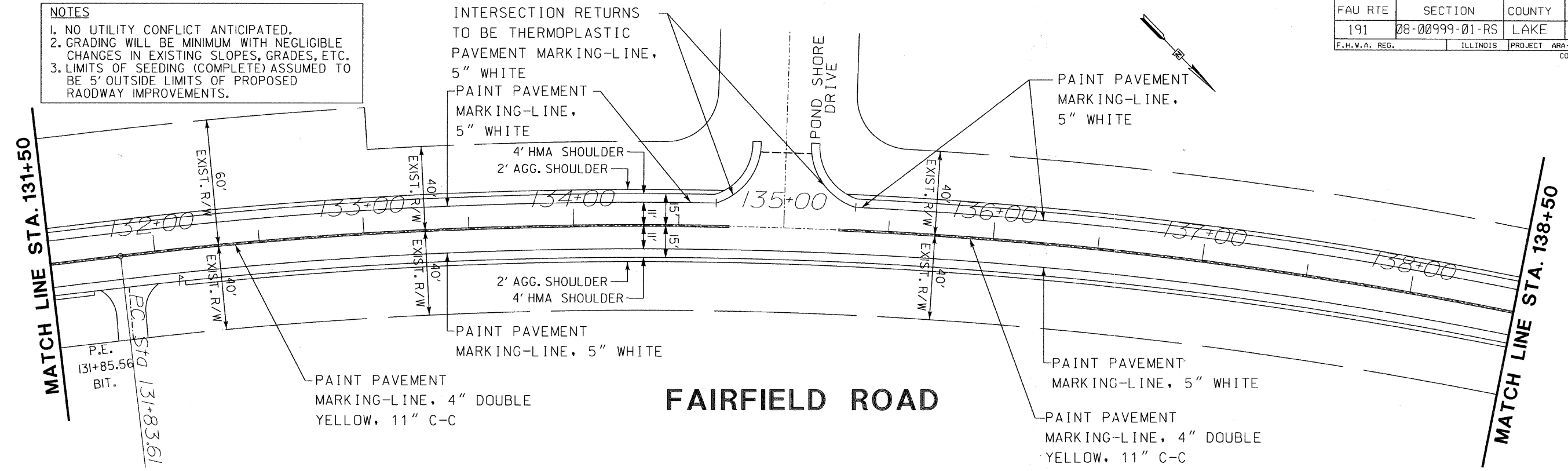
PLAN SHEET
STA. 116+50 TO 131+50

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	48	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 116 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\113-10 pp09.dgn

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	49
F.H.W.A. REG.		ILLINOIS	PROJECT ARA-9003(467)	
CONTRACT NO. 63407				

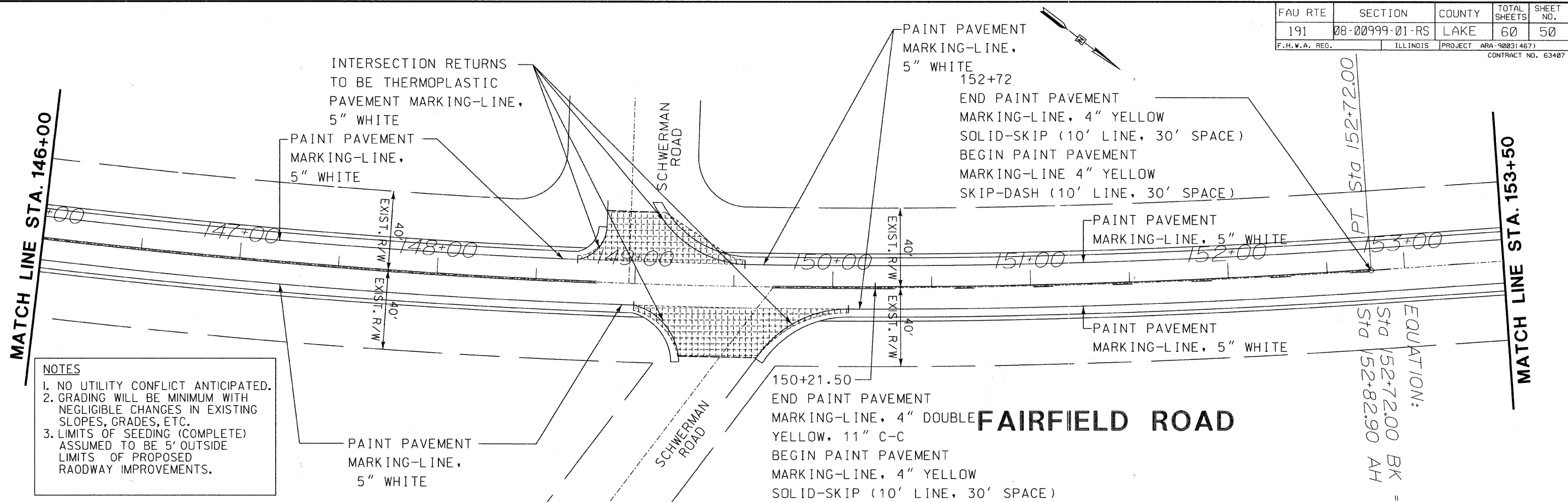
NOTES
 1. NO UTILITY CONFLICT ANTICIPATED.
 2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
 3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



REVISIONS / REMARKS				SCALES		FAIRFIELD ROAD RESURFACING 2009		PLAN SHEET		ROUTE SECTION SECTION NUMBER SHEET SHEETS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR	HORIZ.	Lake County Division of Transportation		STA. 131+50 TO 146+00		CH49	113	08-00999-01-RS	49	60
1.	PER IDOT REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON	0 25 50									
				PLOTTER: hdsxs 12/3/2009										

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\Final Plans and Qty\Proposed Plan Sheets\113-11.ppl0.dgn

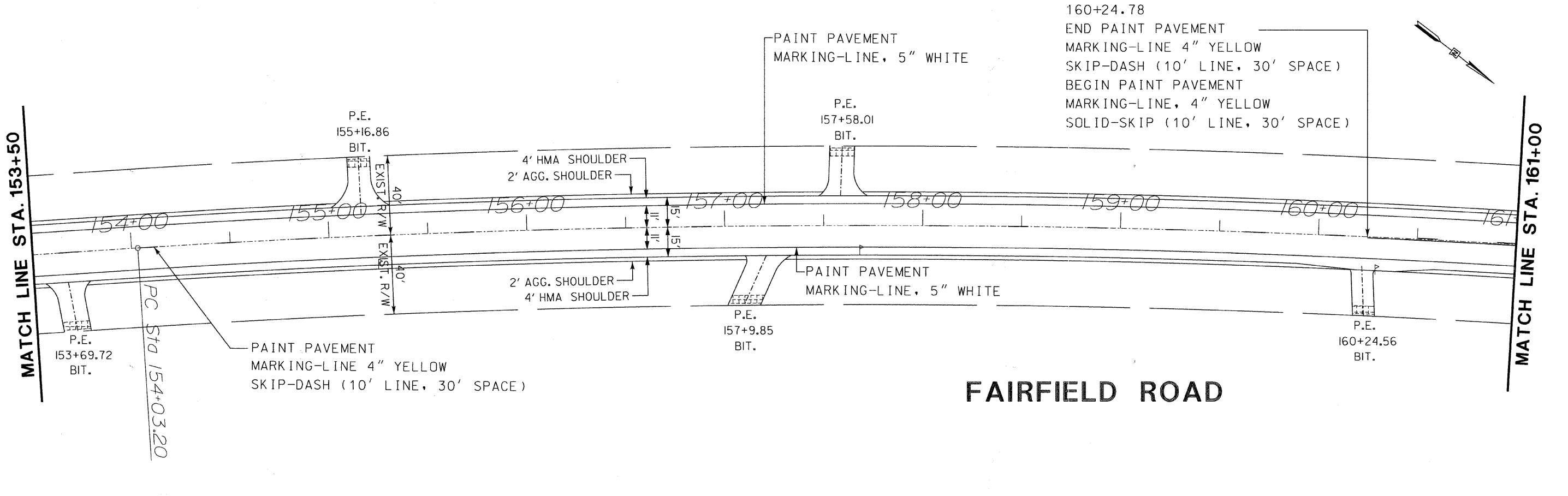
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	50
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				



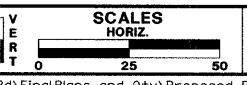
NOTES

1. NO UTILITY CONFLICT ANTICIPATED.
2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

EQUATION:
 Sta 152+72.00 BK
 Sta 152+82.90 AH



NO.	DESCRIPTION	DATE	BY	SURVEYOR
1.	PER 100T REVIEW COMMENTS	11/24/09	MK	DSGMR/LIAISON
				PLOTTED BY: hdsxs 12/3/2009



**FAIRFIELD ROAD
RESURFACING 2009**



**PLAN SHEET
STA. 146+00 TO 161+00**

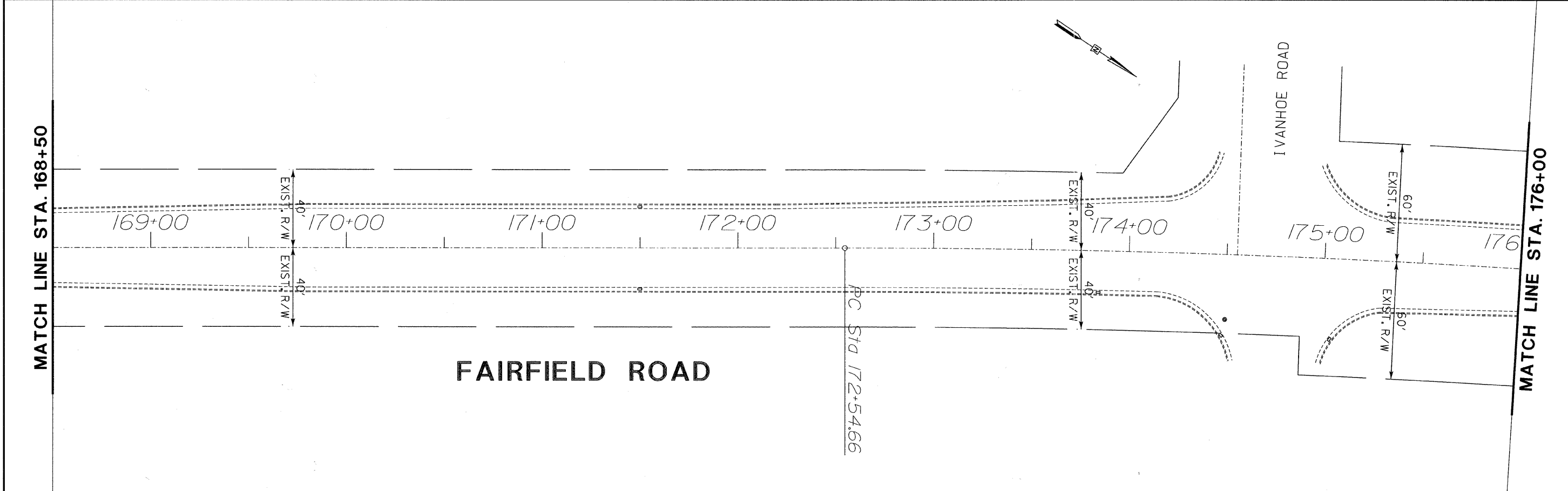
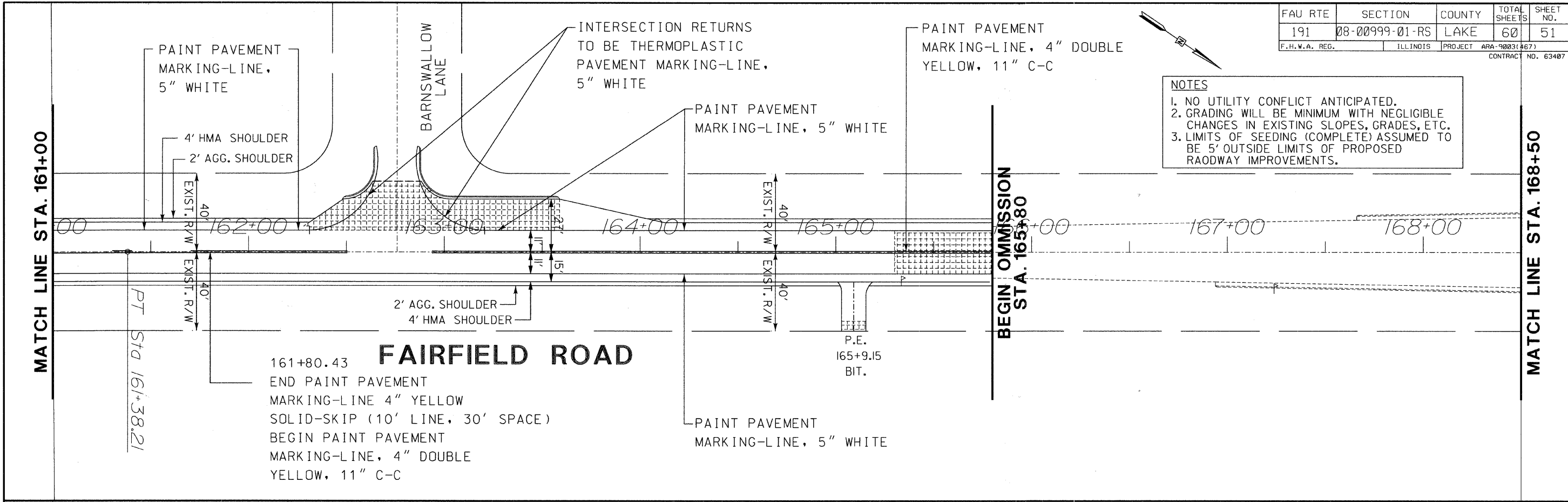
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	50	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Proposed Plan Sheets\113-12.ppl.dgn

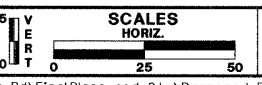
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	51
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	CONTRACT NO. 63407

NOTES

1. NO UTILITY CONFLICT ANTICIPATED.
2. GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
3. LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.



REVISIONS / REMARKS		DATE	BY	SURVEYOR
NO.	DESCRIPTION	11/24/09	MK	DSGMR/LIAISON
1.	PER IDOT REVIEW COMMENTS	/	/	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



PLAN SHEET
STA. 161+00 TO 176+00

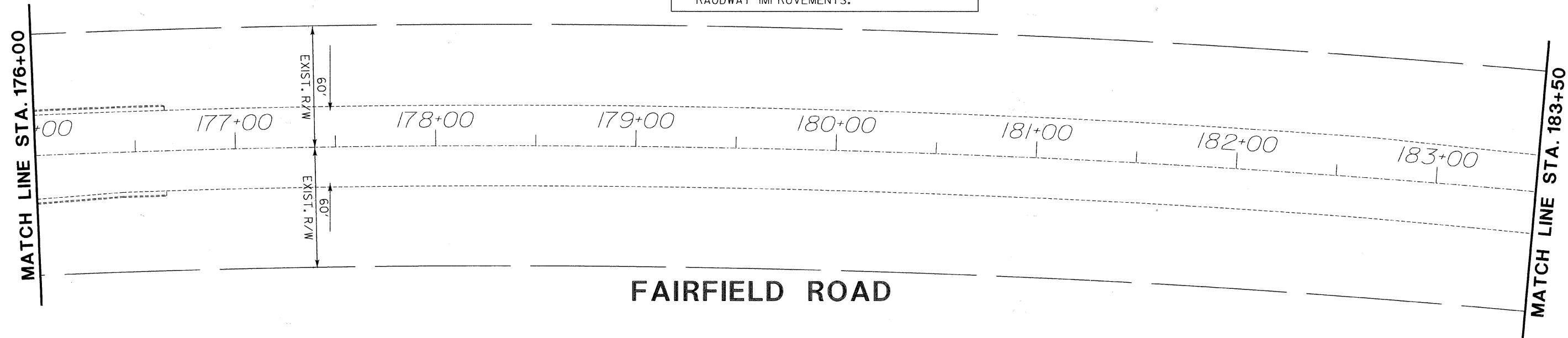
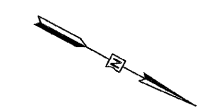
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	51	60

FILE NAME: Y:\dgn\2009 Resurfacing\Consultant\Job\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and 0ty\Proposed Plan Sheets\113-13.ppl2.dgn

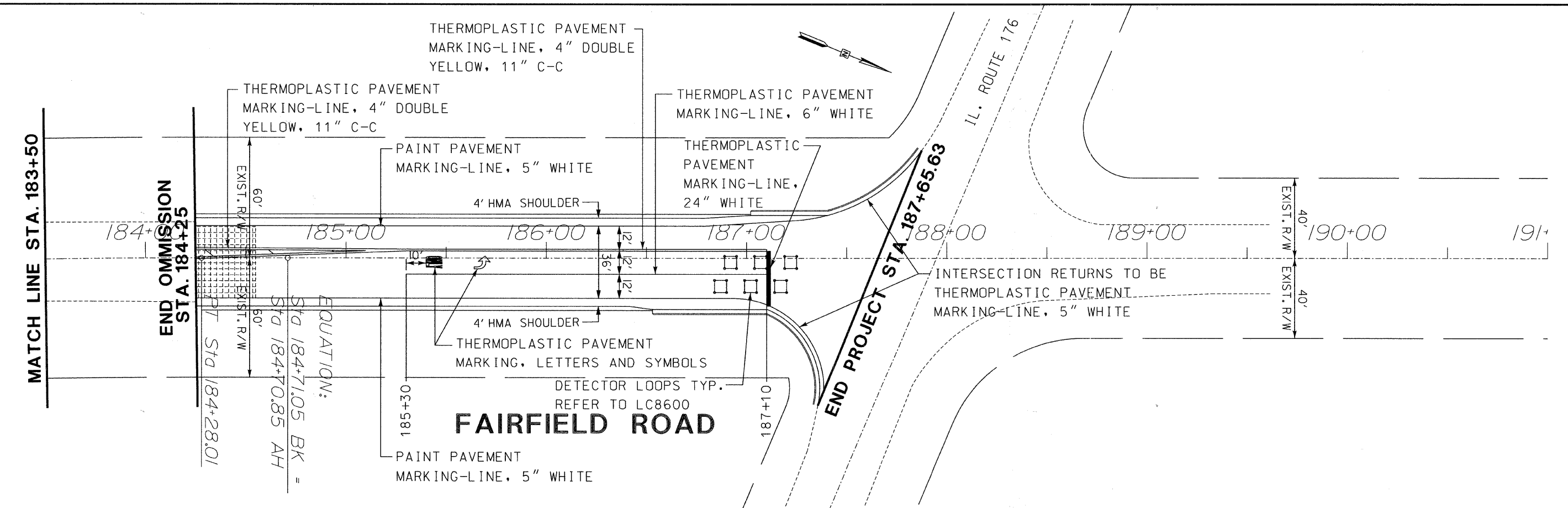
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
191	08-00999-01-RS	LAKE	60	52
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(467)	
CONTRACT NO. 63407				

NOTES

- NO UTILITY CONFLICT ANTICIPATED.
- GRADING WILL BE MINIMUM WITH NEGLIGIBLE CHANGES IN EXISTING SLOPES, GRADES, ETC.
- LIMITS OF SEEDING (COMPLETE) ASSUMED TO BE 5' OUTSIDE LIMITS OF PROPOSED ROADWAY IMPROVEMENTS.

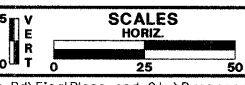


FAIRFIELD ROAD



FAIRFIELD ROAD

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR
1	PER LCDOT REVIEW COMMENTS	10/06/09	EB	DSGMR/LIAISON
2	PER IDOT REVIEW COMMENTS	11/24/09	MK	PLOTTED BY: hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



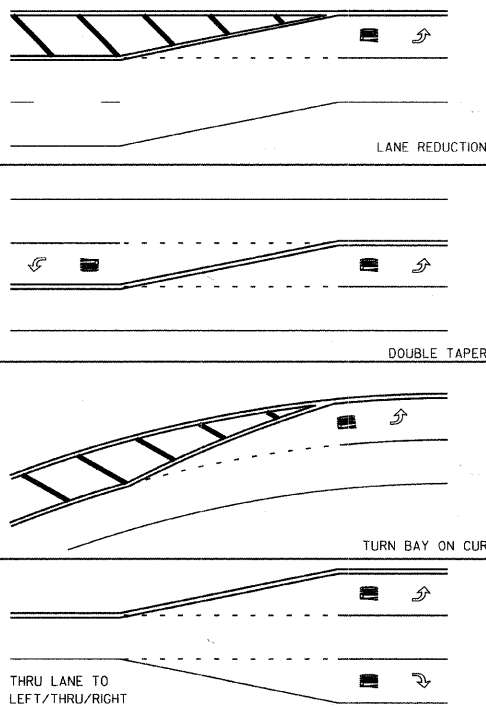
PLAN SHEET
STA. 176+00 TO 187+65.63

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH49	113	08-00999-01-RS	52	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\Fairfield Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Proposed Plan Sheets\13-14 p13.dgn

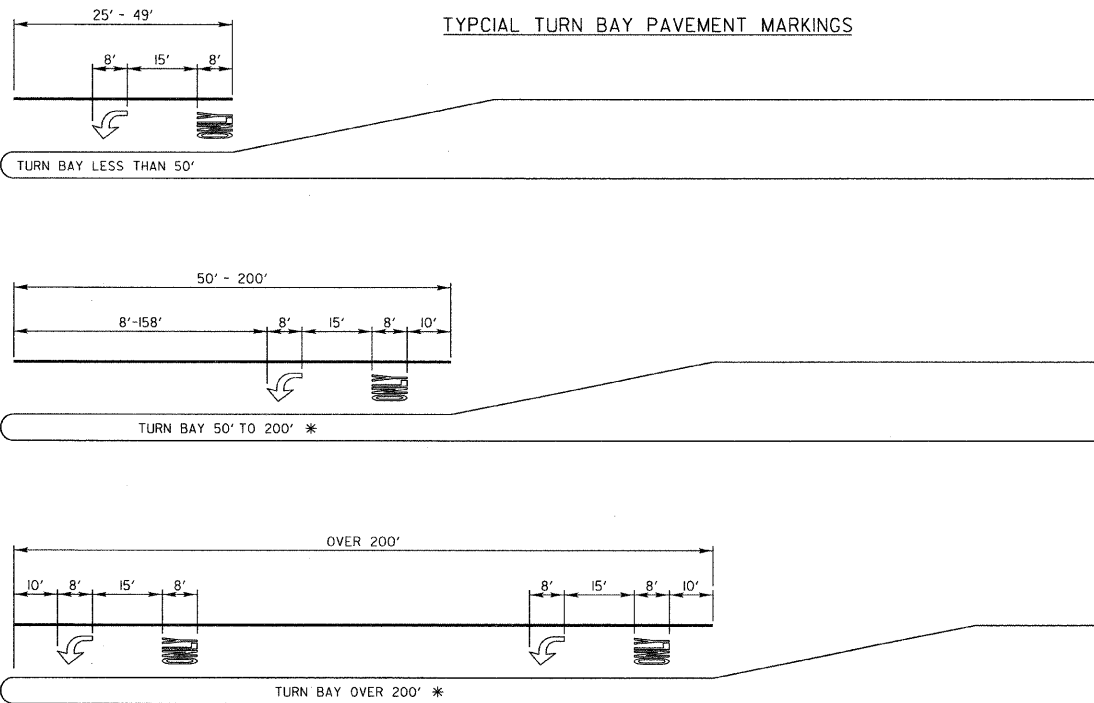
TYPICAL PAVEMENT MARKINGS

TYPICAL MINI-SKIP PAVEMENT MARKINGS

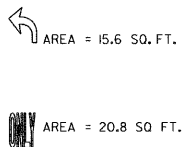


MINI-SKIPS ARE 2 FEET WHITE LINE WITH 6 FEET SPACING. THE MINI-SKIP IS THE SAME WIDTH AS THE PAVEMENT MARKING LINE, IT EXTENDS.

TYPICAL TURN BAY PAVEMENT MARKINGS

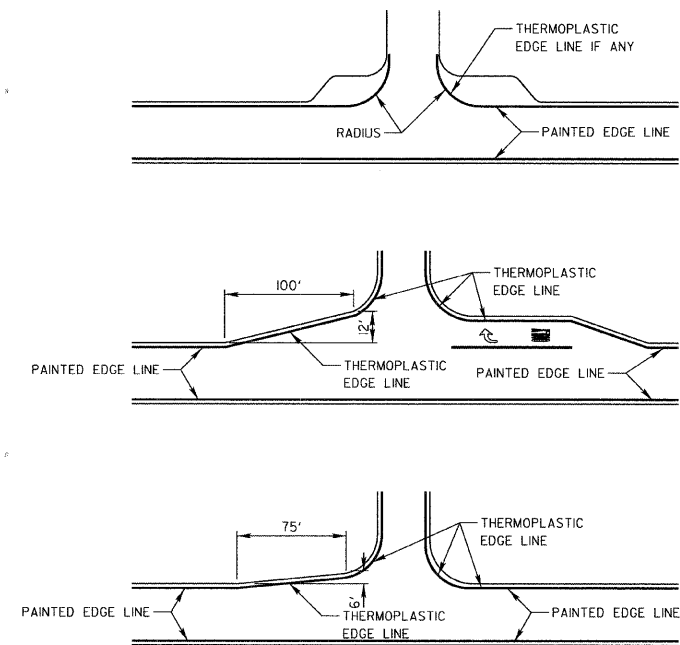


* AT INTERSECTIONS WITH VIDEO DETECTION, THE ARROW AND ONLY PAVEMENT MARKINGS SHALL BE A MINIMUM OF 30' BEHIND THE STOP BAR.

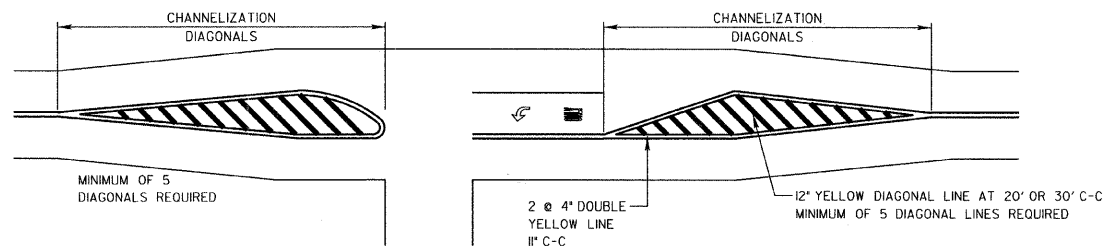


FULL SIZE LETTERS (8") AND ARROWS SHALL BE USED. TURN LANES IN EXCESS OF 400' IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW W/ "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW W/ "ONLY".

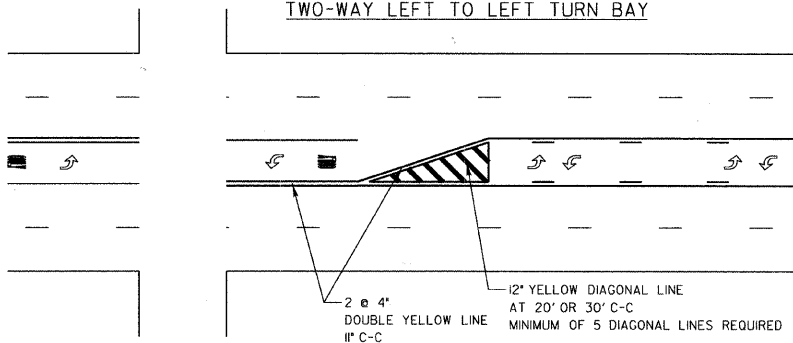
EDGE LINE RADII AT SIDE STREETS



TWO LANE ROAD



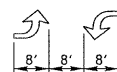
TWO-WAY LEFT TO LEFT TURN BAY



TYPICAL DIAGONAL SPACING

SPEED LIMIT RANGE	DIAGONAL SPACING	
	CONTINUOUS	INTERSECTION CHANNELIZATION
30-45 MPH	75 FT.	20 FT.
OVER 45 MPH	150 FT.	30 FT.

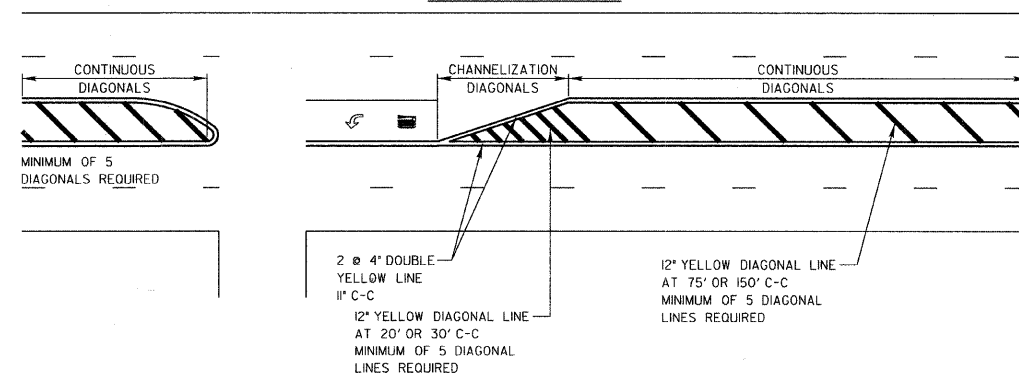
DUAL LEFT TURN ARROWS



31.2 SQ. FT. MINIMUM OF 2 SETS REQUIRED

A MINIMUM OF TWO PAIRS OF DUAL LEFT TURN ARROWS SHALL BE USED. THE DUAL LEFT TURN ARROWS SHALL BE WHITE IN COLOR. THE INTERVAL BETWEEN SETS OF DUAL LEFT TURN ARROWS SHOULD BE 200' AND 300'.

3 TO 5 LANE ROAD



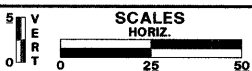
REVISIONS	DATE	APPROVED BY: A. KHAWAJA
		DATE: APRIL 1, 2007

Lake County Division of Transportation

TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS

SHEET 1 OF 3

REVISIONS / REMARKS		DATE	BY	SURVEYOR:
NO.	DESCRIPTION			



FAIRFIELD ROAD RESURFACING 2009

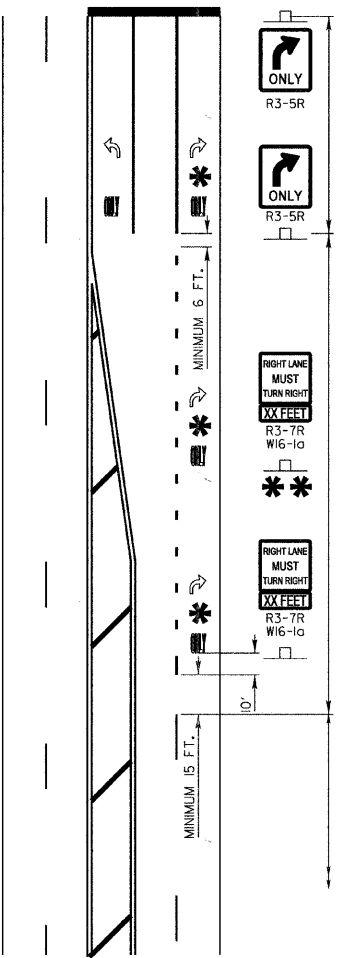


FAIRFIELD RD. RESURFACING

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	53	60

TYPICAL PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS

THRU LANE TO TURN LANE CONVERSION



TURN BAY
6' WHITE LINE
(ADDITIONAL PAV'T MARKINGS AS SHOWN ON SHEET ONE OF THE L.C.D.O.T PAV'T MARKINGS DETAIL SHEETS)

TRANSITION ZONE
6' WHITE 3'/12' SKIP DASH LANE LINE

THRU LANE
4' WHITE 10'/30' SKIP DASH LANE LINE

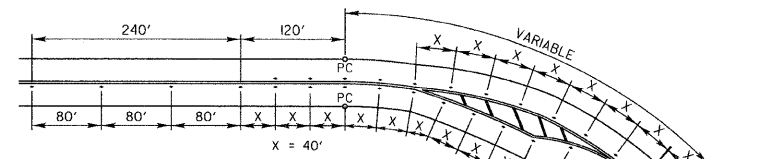
MINIMUM TRANSITION ZONE LENGTH

POSTED SPEED	LENGTH
25 M.P.H.	255 FT.
30 M.P.H.	330 FT.
35 M.P.H.	405 FT.
40 M.P.H.	480 FT.
45 M.P.H.	555 FT.
50 M.P.H.	630 FT.
55 M.P.H.	705 FT.

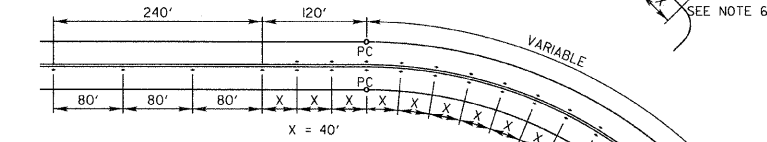
* LOCATION OF PAV'T MARKINGS (MEASURED FROM BEGINNING OF TRANSITION ZONE)

POSTED SPEED	LOCATION OF PAV'T MARKINGS
25 M.P.H.	10 FT., 260 FT.
30 M.P.H.	10 FT., 170 FT., 340 FT.
35 M.P.H.	10 FT., 210 FT., 410 FT.
40 M.P.H.	10 FT., 170 FT., 330 FT., 490 FT.
45 M.P.H.	10 FT., 190 FT., 370 FT., 560 FT.
50 M.P.H.	10 FT., 170 FT., 330 FT., 490 FT., 640 FT.
55 M.P.H.	10 FT., 180 FT., 350 FT., 520 FT., 710 FT.

FOR POSTED SPEEDS 40 M.P.H. OR GREATER A SECOND R3-7/W16-10 SIGN INSTALLATION SHALL BE LOCATED HALFWAY BETWEEN THE BEGINNING OF THE TRANSITION ZONE AND THE BEGINNING OF THE TURN LANE



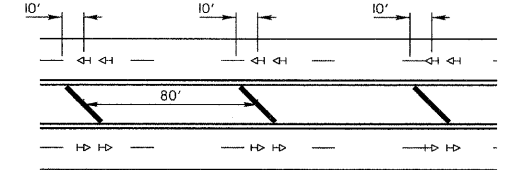
TYPICAL RAISED PAVEMENT MARKER INSTALLATION



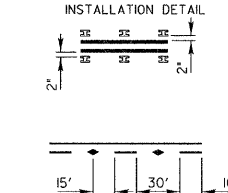
PAVEMENT MARKER LEGEND

 RAISED PAVEMENT MARKER, DOUBLE YELLOW
 RAISED PAVEMENT MARKER, WHITE AND RED

LANE LINE PAVEMENT MARKER INSTALLATION ON MULTI-LANE ROAD SECTION



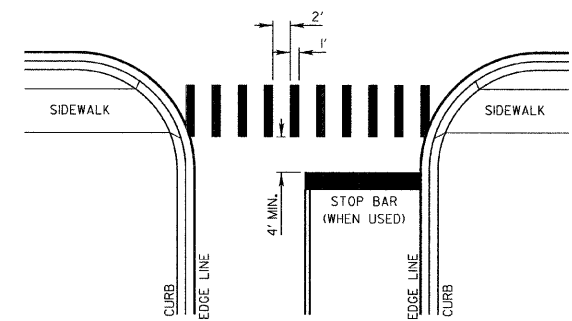
CENTER LINE PAVEMENT MARKER INSTALLATION DETAIL



NOTES:

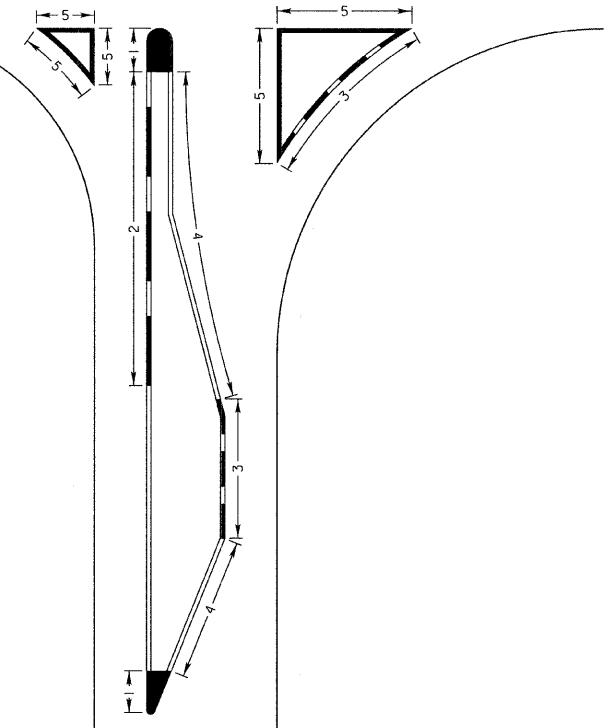
- CENTERLINE RAISED PAVEMENT MARKERS (RPM'S) SHALL BE PLACED ON ALL CURVES OVER 3 1/2 DEGREES ON ALL TWO AND THREE LANE HIGHWAYS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- SPACING = 40' FOR CENTERLINE MARKERS.
- ALL RPM'S ON CENTERLINE ARE 2-WAY YELLOW. LANE LINE MARKERS ARE WHITE/RED.
- MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH F.H.W.A. MEMORANDUM #10-2L.
- MARKERS SHALL BE FIELD ADJUSTED TO BE LOCATED IN CENTER OF THE 30' GAP OF A 30'/10' SKIP/DASH CENTERLINE.
- RPM'S WHICH ARE TO BE LOCATED WITHIN THE INTERSECTION OF A CROSS STREET, SHALL NOT BE INSTALLED.
- A MINIMUM OF 4 WHITE/RED MARKERS SHALL BE INSTALLED ALONG THE TURN LANE LINE.
- RPM'S INSTALLED ON MULTI-LANE ROAD SECTIONS SHALL BE INSTALLED ON THE WHITE SKIP-DASH LANE LINE ONLY. THESE RPM'S SHALL BE INSTALLED IN PAIRS AND SHALL BE 80' CENTER TO CENTER. SPACING WITHIN EACH PAIR SHALL BE 10', CENTERED WITHIN THE 30' SKIP.

CROSSWALKS



- WIDTH OF THE CROSSWALK IS GENERALLY 6' EXCEPT AT SCHOOL CROSSINGS AND BICYCLE CROSSINGS, WHICH CAN BE 8'.
- THE STOP BAR SHOULD BE INSTALLED A MINIMUM OF 4' IN ADVANCE OF THE CROSSWALK.

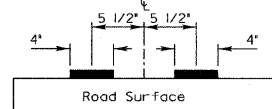
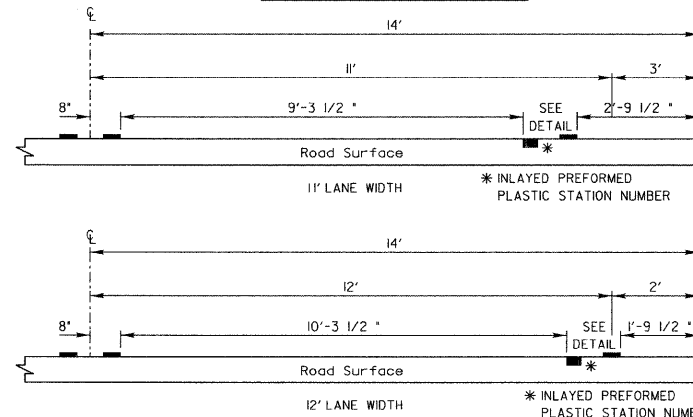
CURB MARKING



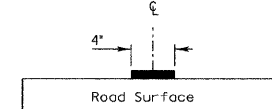
NOTES:

- PAINT CURB AND NOSE SOLID FOR 10' OR RADIUS OF NOSE, WHICHEVER IS GREATER.
- PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
- REDUCED SPACING USED TO OBTAIN 3 STRIPE MINIMUM.
- STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
- PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

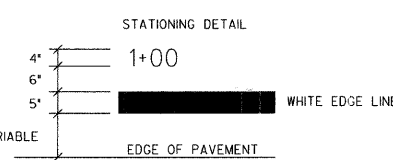
PAVEMENT CROSS SECTION SHOWING TYPICAL PAVEMENT MARKINGS (2-LANE ROADWAY)



DOUBLE STRIPE CENTERLINE DETAIL
 Note: Centerline markings are 4' lines at 11' centers.



SINGLE STRIPE CENTERLINE DETAIL



PAVEMENT MARKING GUIDELINES				
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE OF 2 LANE PAVEMENT	4 IN.	SKIP-DASH	YELLOW	10 FT. LINE WITH 30 FT. SPACE
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 IN. 2 @ 4 IN.	SOLID SOLID	YELLOW YELLOW	5 1/2 IN. C.C. FROM SKIP-DASH CENTERLINE 11 IN. C.C. (OMIT SKIP-DASH CENTERLINE BETWEEN)
CENTERLINE ON MULTI-LANE UNDIVIDED	2 @ 4 IN.	SOLID	YELLOW	11 IN. C.C.
LANE LINES	4 IN.	SKIP-DASH	WHITE	10 FT. LINE WITH 30 FT. SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2 FT. LINE WITH 6 FT. SPACE
EDGE LINES	5 IN. WHITE 4 IN. YELLOW	SOLID	WHITE - RIGHT YELLOW - LEFT	OUTLINE RAISED MEDIANS IN YELLOW
TURN LANE MARKINGS	6 IN. LINE FULL SIZE LETTERS AND SYMBOLS (8 FT.)	SOLID	WHITE	TURN ARROW 156 SQ. FT. STRAIGHT ARROW 115 SQ. FT. ONLY 208 SQ. FT. COMB. ARROW 260 SQ. FT.
TWO WAY LEFT TURN MARKING	2 @ 4 IN. EACH DIRECTION 8 FT. LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10 FT. LINE WITH 30 FT. SPACE FOR SKIP-DASH 5 1/2 IN. C.C. BETWEEN SKIP-DASH LINE AND SOLID LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK	12 IN. @ 90°	SOLID	WHITE	12 IN. LONGITUDINAL BAR WITH 24 IN. SPACE 6 FT. TO 12 FT. WIDE SEE TYPICAL CROSSWALK MARKING DETAIL
STOP BARS	24 IN.	SOLID	WHITE	PLACE 4 FT. IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT OTHERWISE PLACE AT DESIRED STOPPING POINT.
PAINTED MEDIANS	2 @ 4 IN. WITH 11 IN. DIAGONALS @ 45° NO DIAGONALS USED FOR 4 FT. WIDE MEDIAN	SOLID	YELLOW - 2-WAY TRAFFIC WHITE - 1-WAY TRAFFIC	11 IN. C.C. FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING DETAIL MINIMUM OF 5 DIAGONALS
GORE MARKING AND CHANNELIZING LINES	8 IN. WITH 12 IN. DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS 15 FT. C.C. (LESS THAN 30 M.P.H.) 20 FT. C.C. (30 TO 45 M.P.H.) 30 FT. C.C. (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS
R.R. CROSSING	24 IN. TRANSVERSE LINES RR IS 6 FT. LETTER 16 IN. LINE FOR "X"	SOLID	WHITE	SEE I.D.D.T. STD. 780001 50 FT. AREA OF: "R" - 36 SQ. FT. / "R" "X" - 540 SQ. FT.
SHOULDER DIAGONALS	12 IN. @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50 FT. C.C. (LESS THAN 30 M.P.H.) 75 FT. C.C. (30 TO 45 M.P.H.) 150 FT. C.C. (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO PART III "MARKINGS" IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND I.D.D.T. HIGHWAY STANDARD 780001 EFFECTIVE JAN. 9, 1998.

REVISIONS / REMARKS			
NO.	DESCRIPTION	DATE	BY

SCALES	
HORIZ.	VERT.
1" = 25'	1" = 5'

FAIRFIELD ROAD RESURFACING 2009

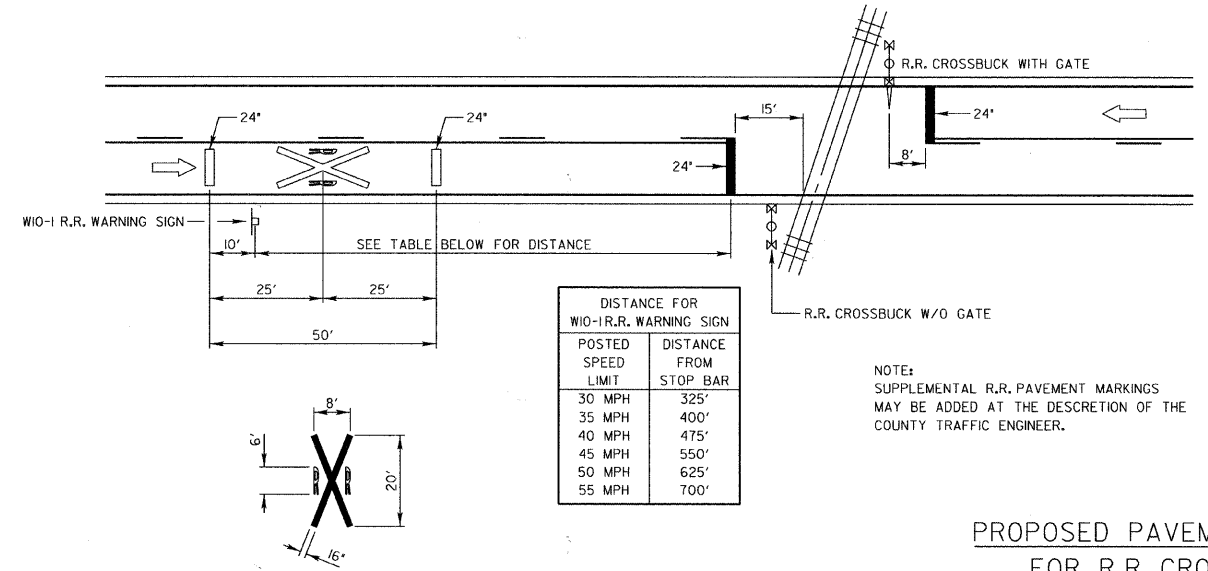


FAIRFIELD RD. RESURFACING

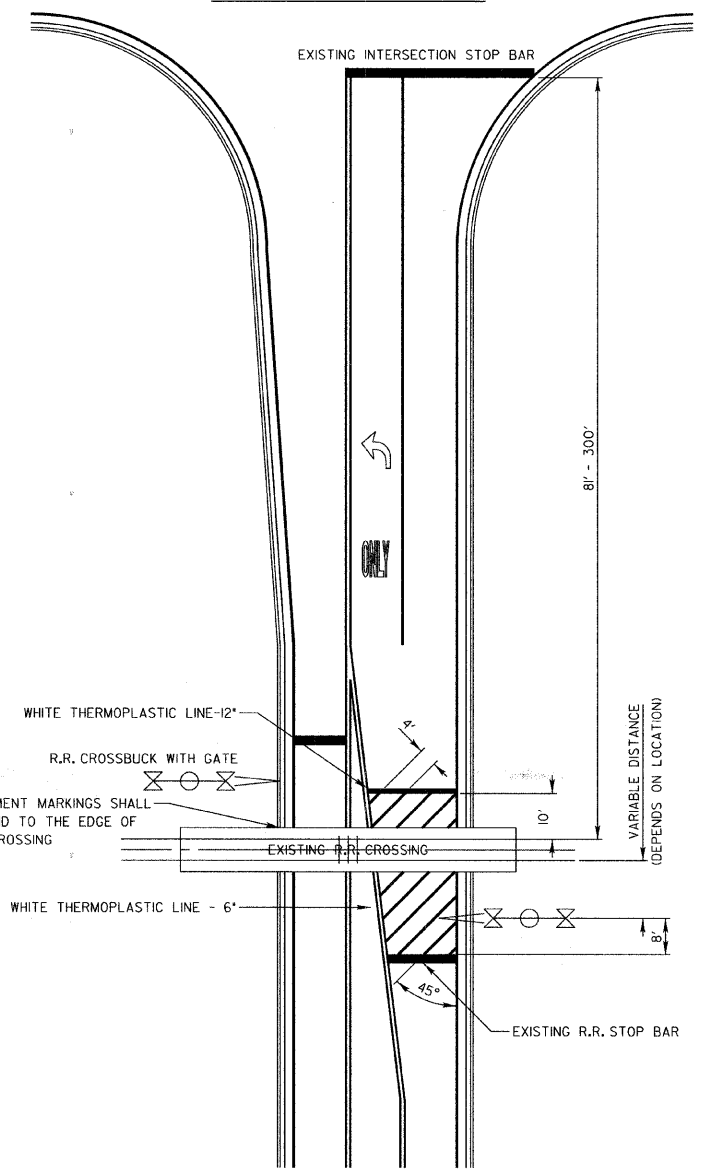
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	54	60

TYPICAL RAIL ROAD RELATED PAVEMENT MARKINGS

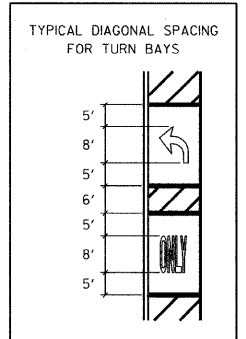
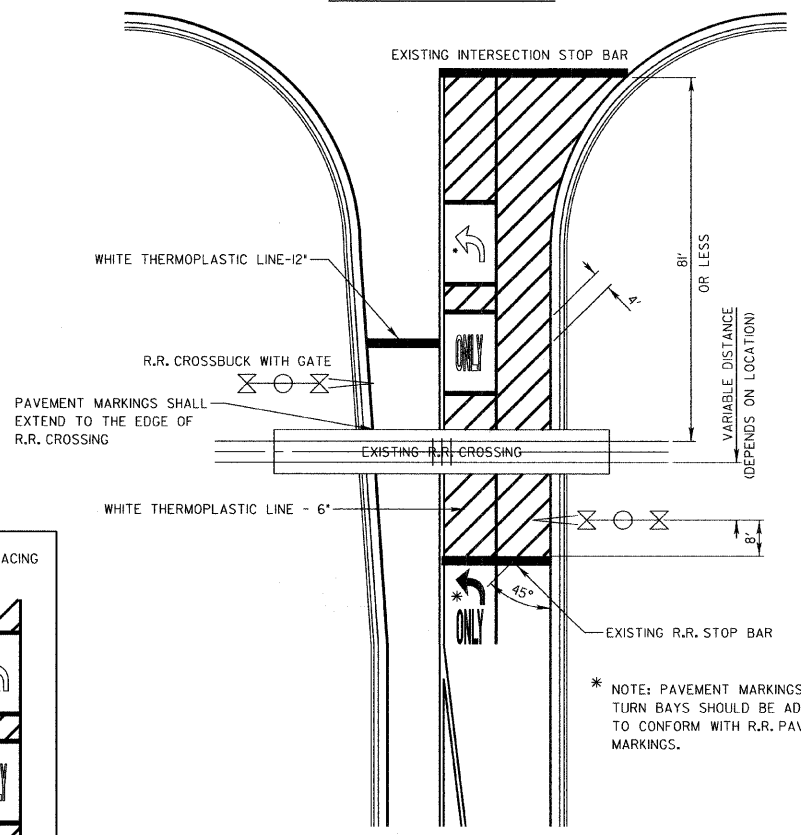
TYPICAL PLACEMENT OF R.R. WARNING SIGNS AND PAVEMENT MARKINGS ON COUNTY HIGHWAYS



PROPOSED PAVEMENT MARKINGS FOR R.R. CROSSINGS AT SIGNALIZED INTERSECTIONS
8 FEET - 300 FEET



PROPOSED PAVEMENT MARKINGS FOR R.R. CROSSINGS AT SIGNALIZED INTERSECTIONS
8 FEET OR LESS

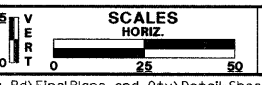


REVISIONS	DATE	APPROVED BY: A. KHAWAJA
		DATE: APRIL 1, 2007

Lake County
Division of Transportation

TYPICAL PAVEMENT MARKINGS FOR RAILROAD CROSSINGS ON COUNTY HIGHWAYS
SHEET 3 OF 3

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:	DESIGNER/LIAISON:	PLOTTED BY:



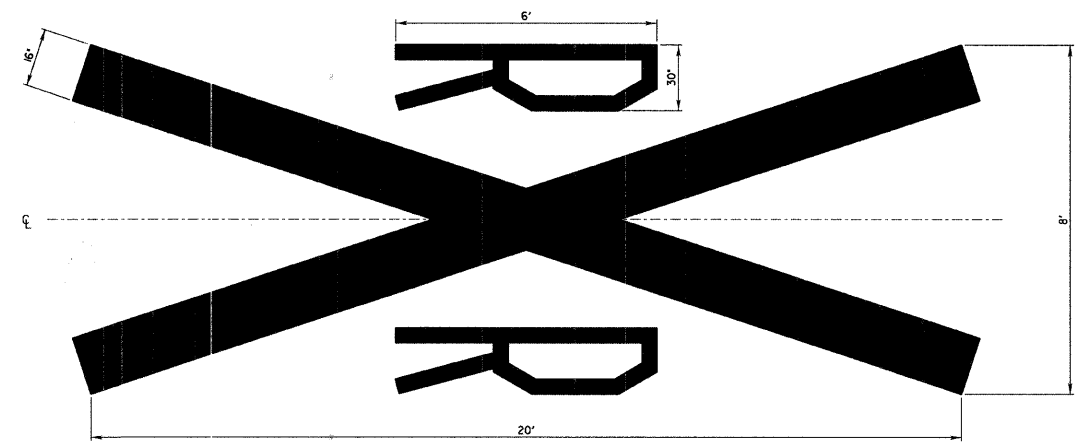
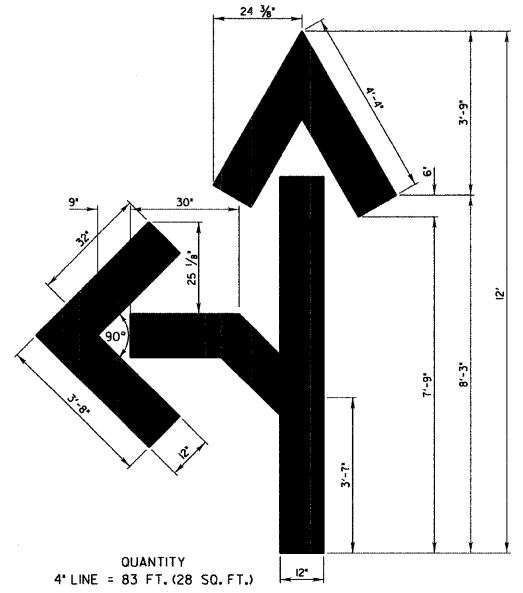
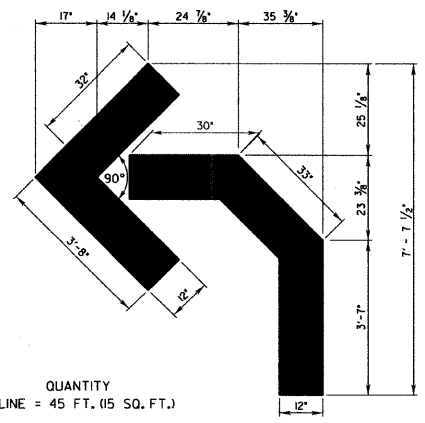
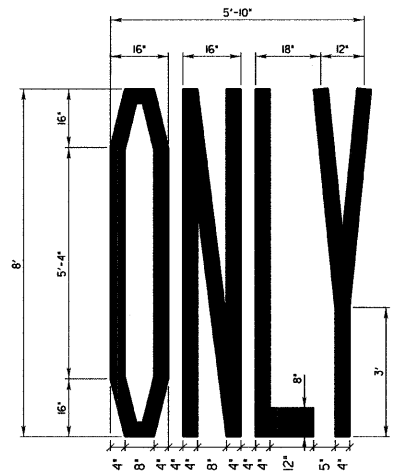
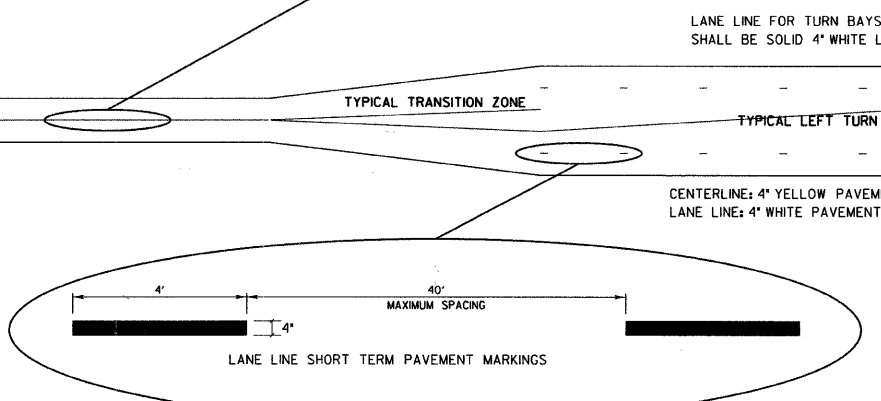
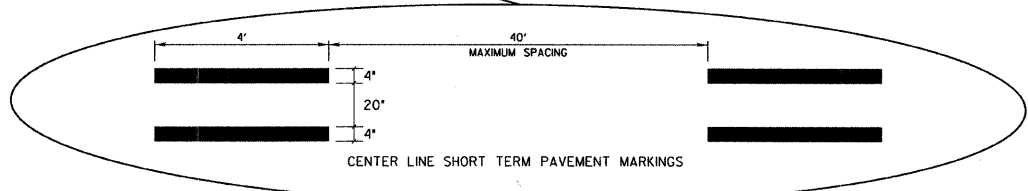
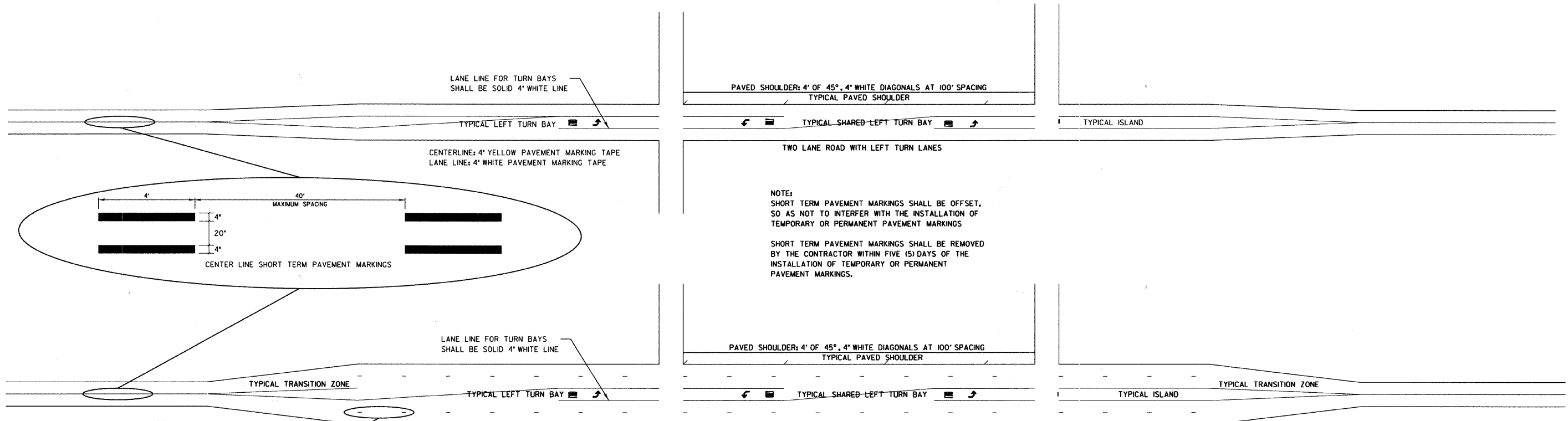
FAIRFIELD ROAD RESURFACING 2009



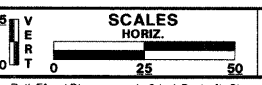
FAIRFIELD RD RESURFACING

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	55	60

TYPICAL SHORT TERM PAVEMENT MARKINGS



NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:	DSGMR/LIAISON:	PLOTTED BY:
						hdsxs 12/3/2009



FAIRFIELD ROAD RESURFACING 2009



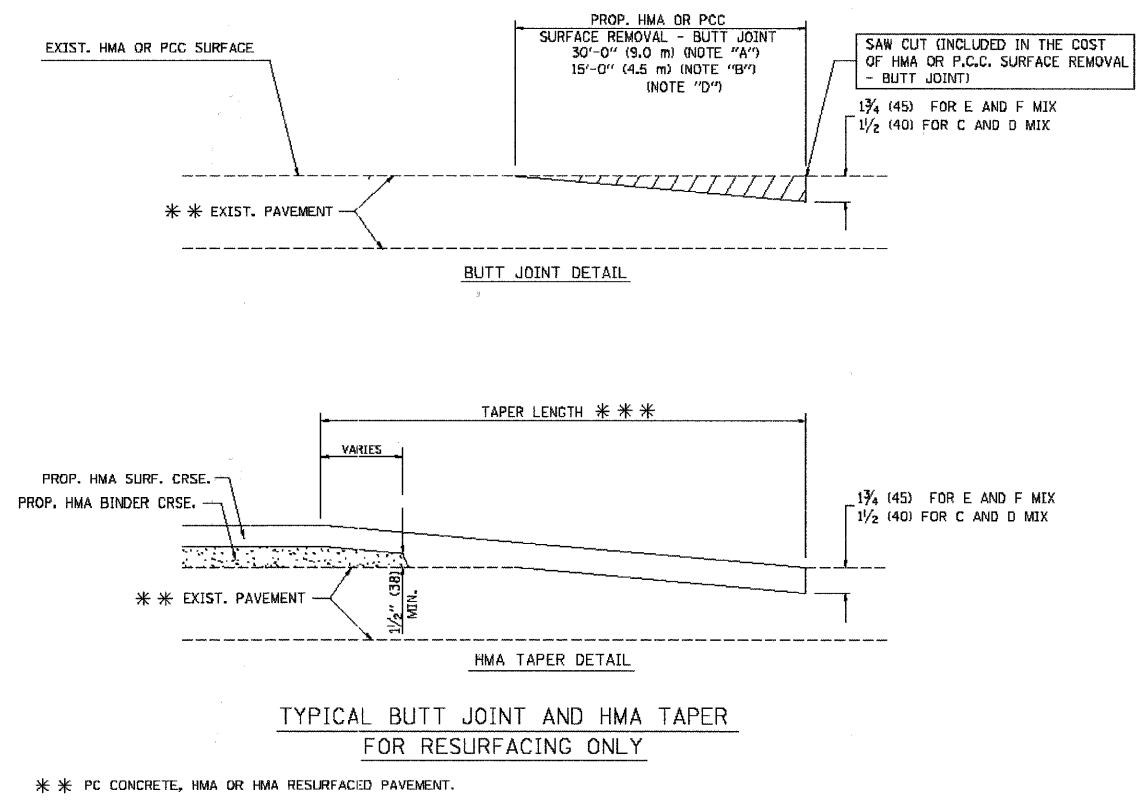
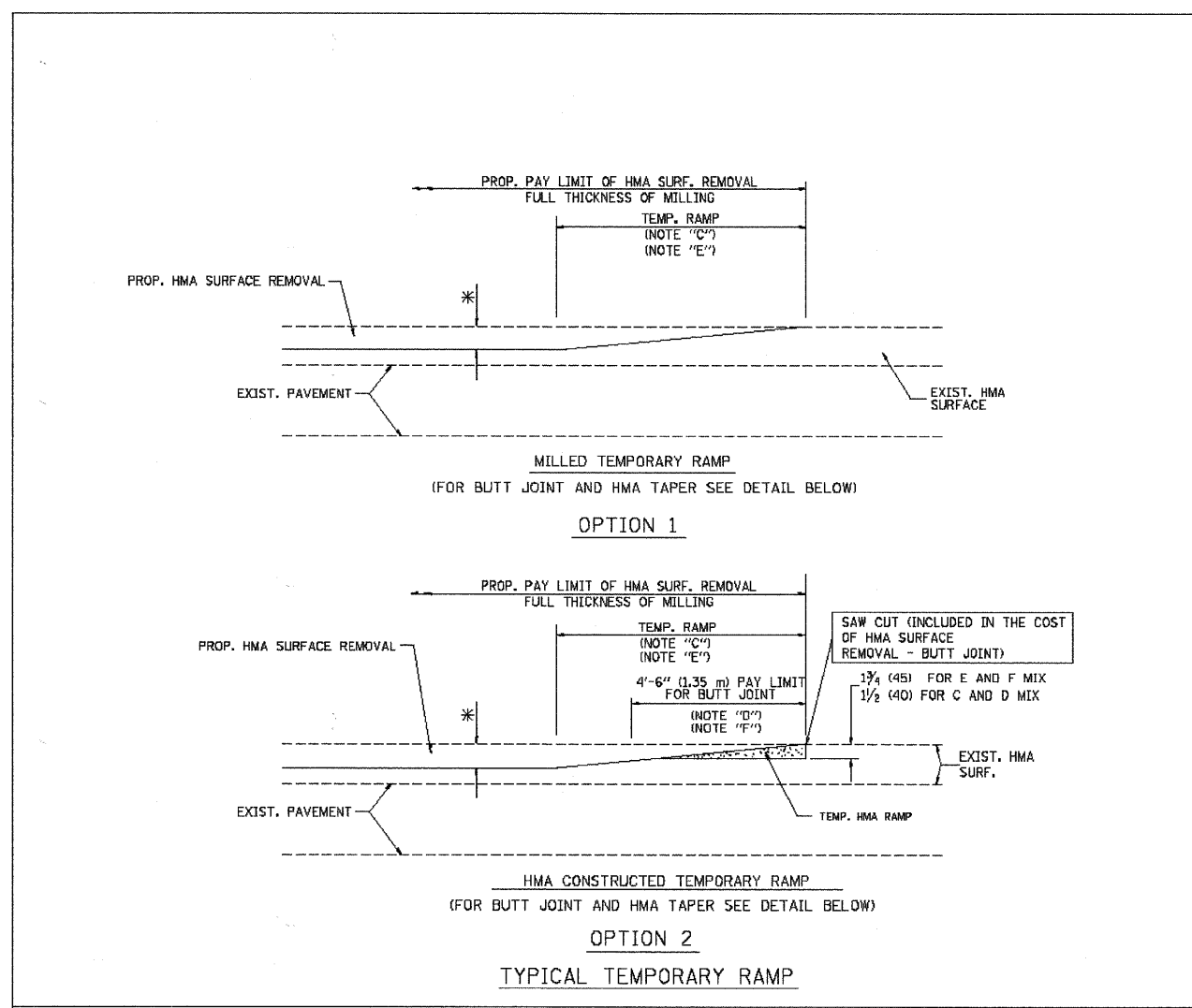
FAIRFIELD RD RESURFACING

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	56	60

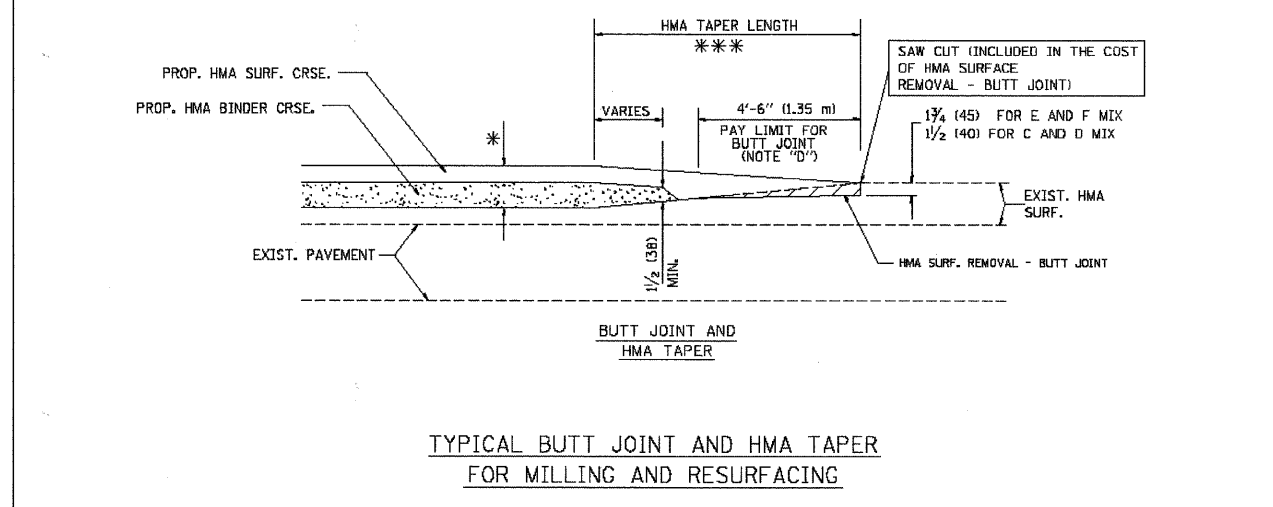
REVISIONS	DATE	APPROVED BY	DATE
REMOVE DUAL DIMENSIONS	2/10/08	A. KHANAJA	APRIL 4, 2007

SHORT TERM PAVEMENT MARKINGS

CONTRACT NO.				
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



- 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".

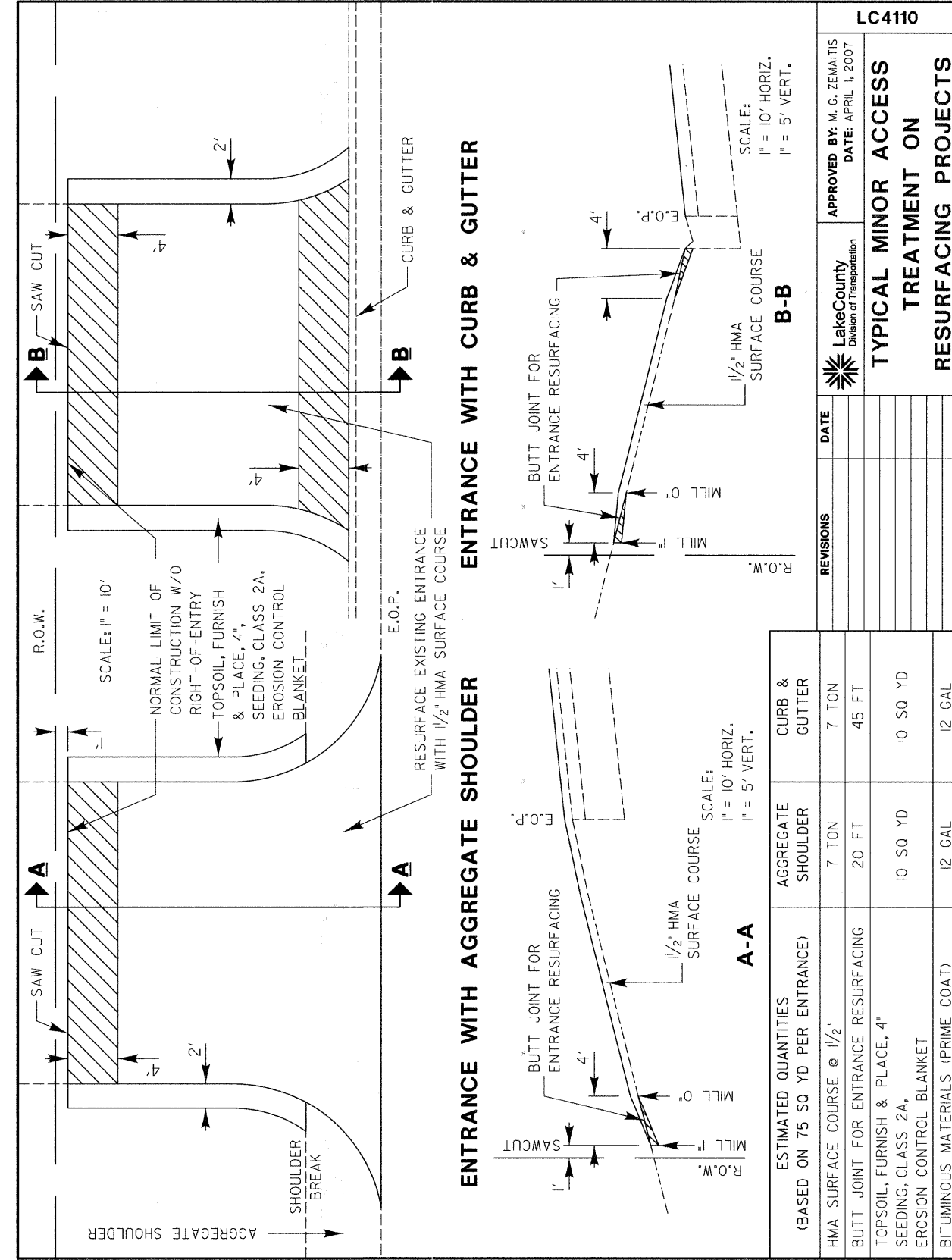
REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/08/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. NONE

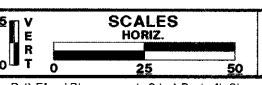
DRAWN BY
CHECKED BY
BD400-05 (VI-BD32)



LC4110	
APPROVED BY: M. G. ZEMAITIS DATE: APRIL 1, 2007	Lake County Division of Transportation
TYPICAL MINOR ACCESS TREATMENT ON RESURFACING PROJECTS	
REVISIONS	DATE

ESTIMATED QUANTITIES (BASED ON 75 SQ YD PER ENTRANCE)	AGGREGATE SHOULDER	CURB & GUTTER
HMA SURFACE COURSE @ 1/2"	7 TON	7 TON
BUTT JOINT FOR ENTRANCE RESURFACING	20 FT	45 FT
TOPSOIL, FURNISH & PLACE, 4" SEEDING, CLASS 2A, EROSION CONTROL BLANKET	10 SQ YD	10 SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	12 GAL	12 GAL

REVISIONS / REMARKS		DATE	BY	SURVEYOR:
NO.	DESCRIPTION			DSGNR/LIAISON:
				PLOTTED BY: hdsxs 12/3/2009



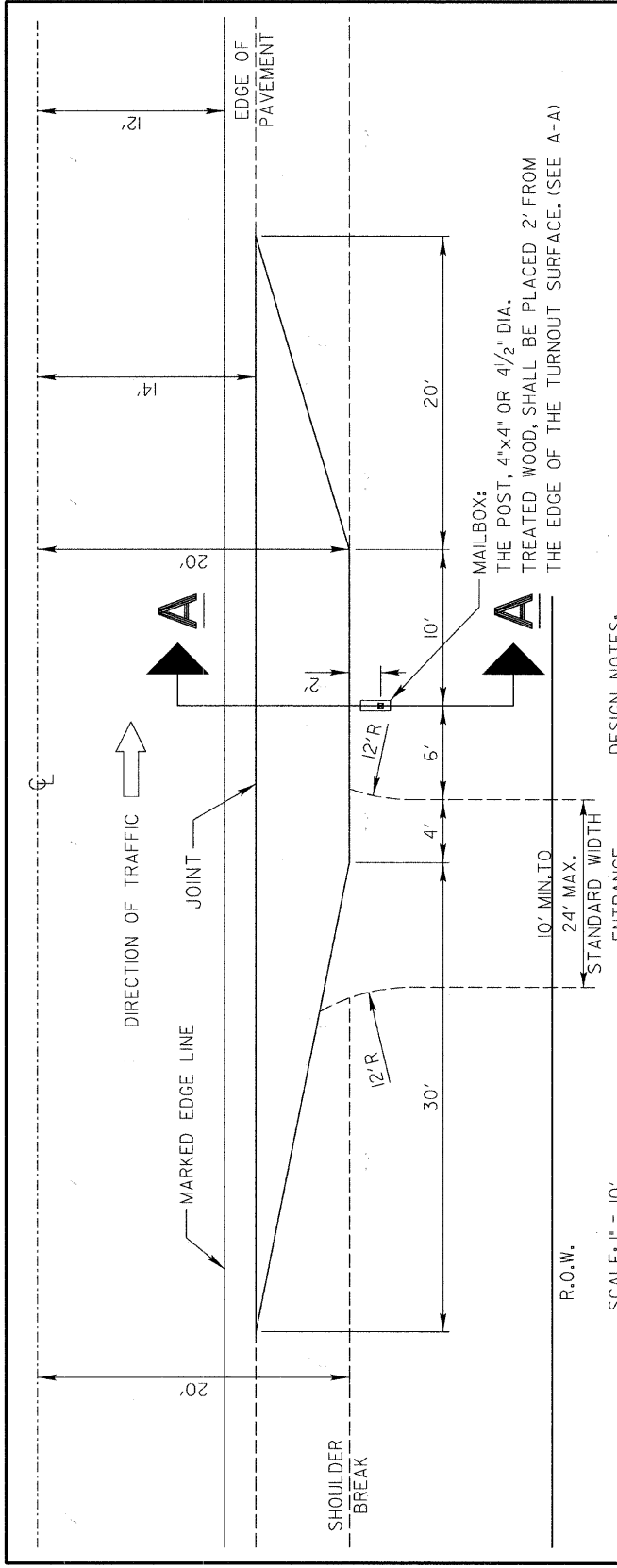
FAIRFIELD ROAD RESURFACING 2009



FAIRFIELD RD. RESURFACING

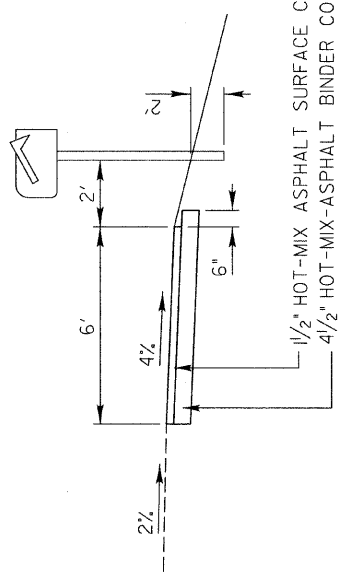
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	58	60

FILE NAME: Y:\dgn\2009 Resurfacing (Consultant Job)\FairField Rd - IL Rte 176 to Old McHenry Rd\FinalPlans and Qty\Detail-Sheet 6.dgn



DESIGN NOTES:

- The Resident Engineer shall contact the local postmaster prior to installing the new mailbox posts for the local mounting height of the mailbox. The standard mounting height is 3 1/2'; however, local post- masters may vary this height.
- The standard mailbox post is a 4"x4" or a 4 1/2" dia. treated wood post.
- The standard bury length of the post is 2'. Do not shorten or exceed this bury length.
- Depending on the location of the shoulder break with respect to the edge of the mailbox turnout the overall post length may vary from 5'8" to 6' 4" to maintain the 2' bury length and the 3 1/2' mounting height.

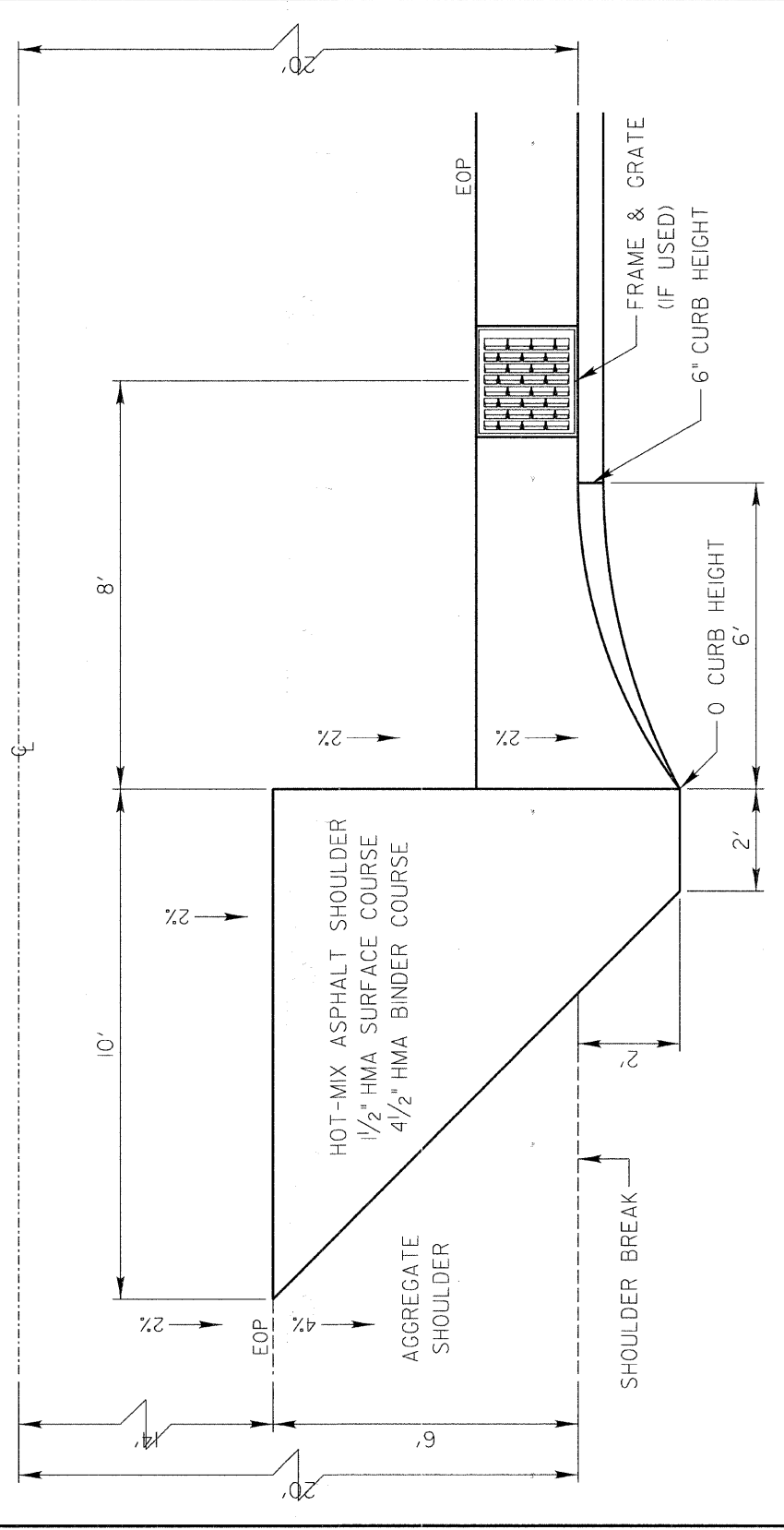


SECTION A-A
SCALE: 1" = 5'

1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
4 1/2" HOT-MIX- ASPHALT BINDER COURSE, IL-19.0, N70

REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS
		DATE: APRIL 1, 2007

LC4120
MAILBOX TURNOUT ALONG UNCURBED ROADS

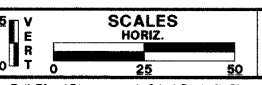


REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS
		DATE: APRIL 1, 2007

LC4802
TRANSITION FROM AGGREGATE SHOULDER TO B-6.24 FOR 20' OFFSET TO FACE

SCALE: 1" = 3'

NO.	REVISIONS / REMARKS	DATE	BY	SURVEYOR:
	DESCRIPTION			DSGMR/LIAISON:
				PLOTTED BY: hdsxs 12/3/2009

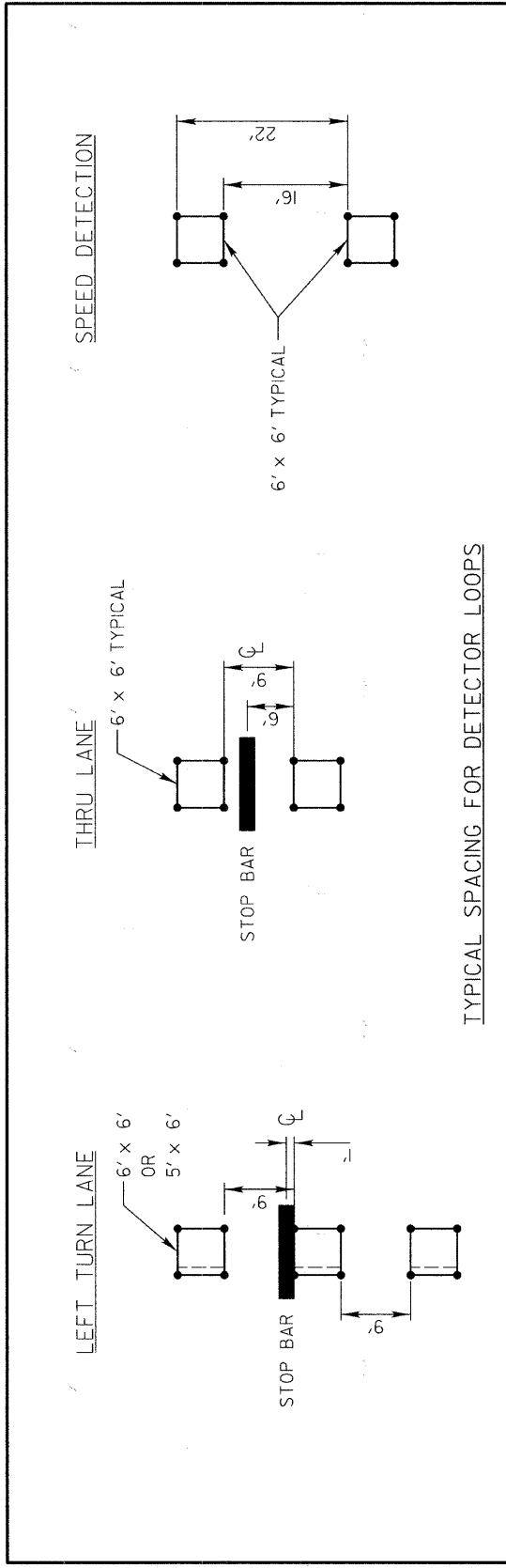


FAIRFIELD ROAD RESURFACING 2009

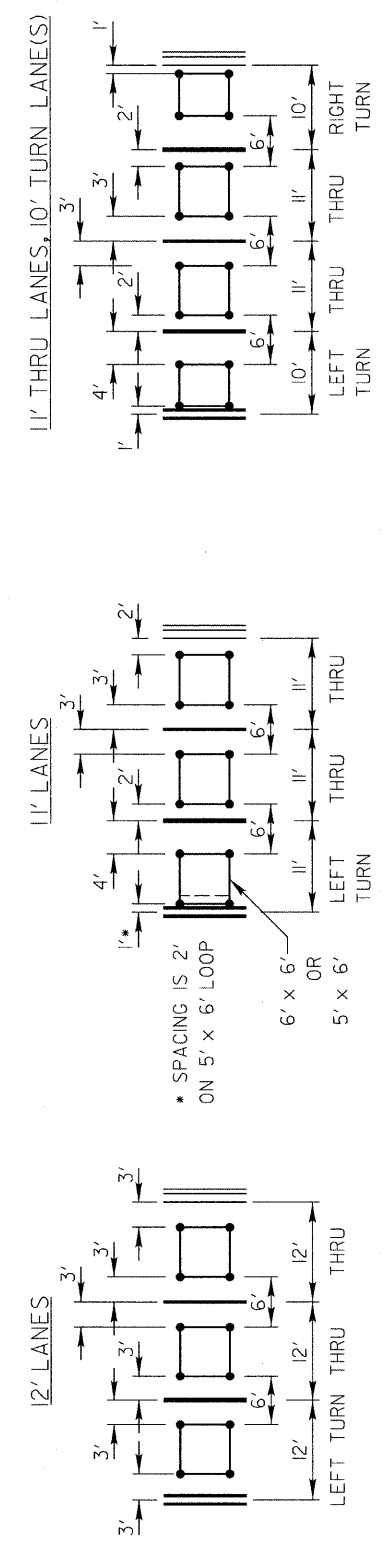


FAIRFIELD RD. RESURFACING

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	59	60



TYPICAL SPACING FOR DETECTOR LOOPS



TYPICAL LATERAL PLACEMENT FOR DETECTOR LOOPS

REVISIONS	DATE

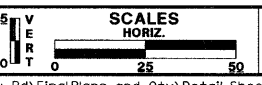
APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007



TYPICAL DETECTOR LOOP LAYOUTS

LC8600

NO.	DESCRIPTION	DATE	BY	SURVEYOR:



FAIRFIELD ROAD
RESURFACING 2009



FAIRFIELD RD. RESURFACING

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH 49	113	08-00999-01-RS	60	60