

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	1

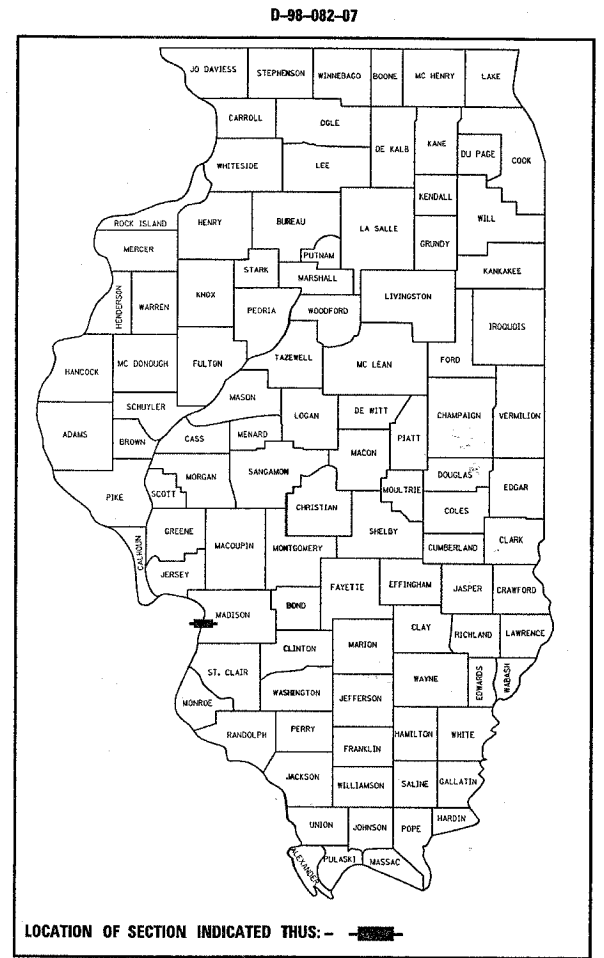
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 270 (I-270)
SECTION 60-1B-1-4
DECK PATCHING
MADISON COUNTY

C-98-086-07

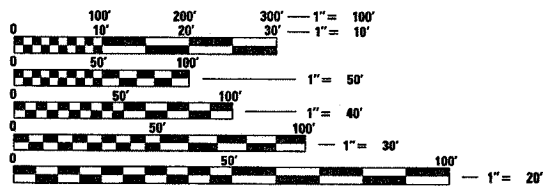
FOR INDEX OF SHEETS, SEE SHEET NO. 2



LAT. 37.76541
LONG 90.13797

PROJECT ENGINEER: TIM PADGETT (618) 346-3284
SQUAD LEADER: JOHN UEHLE (618) 346-3257

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS

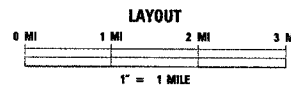
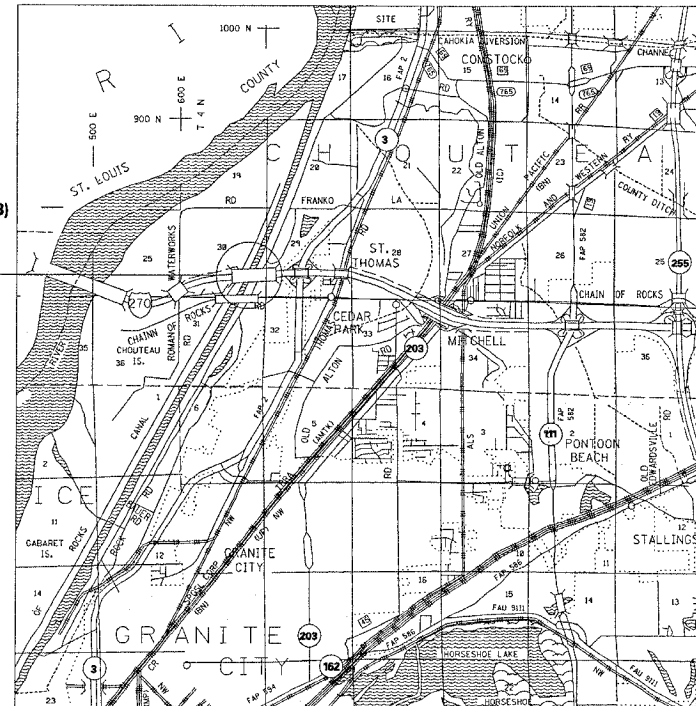


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



EXISTING SN 060-0036 (EB & 060-0037 (WB)
FAI 270 OVER THE CHAIN OF ROCKS CANAL
2 MILES EAST OF THE MISSISSIPPI RIVER
PATCH EXISTING DECK



GROSS LENGTH = 1,989 FEET = 0.38 MILES
NET LENGTH = 1,989 FEET = 0.38 MILES

DESIGN DESIGNATION
ADT = 27,100 (2005)
ADT = 39,400 (2025)
SU + MU = 22%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 5, 20 07
Mary C. Larnie
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

May 11, 20 07
Eric E. Harrell
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 20 07
Milton R. See, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

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

CONTRACT NO. 76B08

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-I-4	MADISON	9	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	SFTY-2A 100% STATE	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
* 78001110	PAINT PAVEMENT MARKING LINE 4"	FOOT	8955	8955	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	100	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	40	40	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	1475	1475	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4	

INDEX OF SHEETS

- COVER SHEET
- SUMMARY OF QUANTITIES, INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS
- BRIDGE PLAN, ELEVATION, AND CROSS-SECTIONS
- DECK PATCHING SKETCHES, SPANS 1-4
- DECK PATCHING SKETCHES, SPANS 5-7
- DECK PATCHING SKETCHES, SPANS 8-12
- WB DECK PATCHING SCHEDULES
- EB DECK PATCHING SCHEDULES
- EB DECK PATCHING SCHEDULES & PATCHING SUMMARY

GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

This project shall utilize stage construction with a minimum lane width of 13' on the bridge deck through out the duration of the contract. All lanes shall be kept open during peak hours. See special provisions.

The Contractor shall place temporary cold mix in any area with potholes, deck depressions, spalls, or loose concrete, as directed by the Engineer.

The Wood River Maintenance Yard will provide traffic control for the RE to lay out patch locations. Contact Steve Wheeler at 618-259-1440 to coordinate the traffic control.

Illinois state law requires a 48-hour notice be given to utilities before digging. field marking of facilities may be obtained by contacting J.U.L.I.E. or for non-members, the utility company directly. agencies known to have facilities within the project area are as follows:

- * Ameren IP
- * AT&T Corporation
- * Buckeye Partners L.P. - Wood River Pipeline
- * Centerpoint Energy
- * Charter Communications, Inc.
- * City of Edwardsville
- * Explorer Pipelines
- * City of Granite City
- * Illinois American Water Company
- * Madison County Special Service Area #1
- * Mitchell Public Water District
- * AT&T Illinois
- * Level 3 Communications

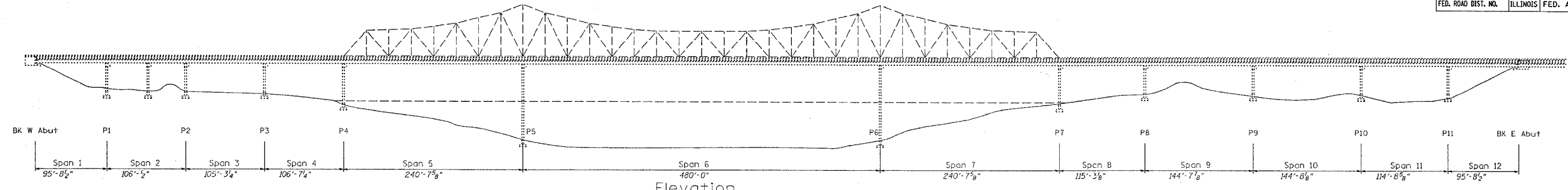
(Members of J.U.L.I.E. (800) 892-0123 are indicated by *. Non-J.U.L.I.E. members must be notified individually.)

STANDARDS

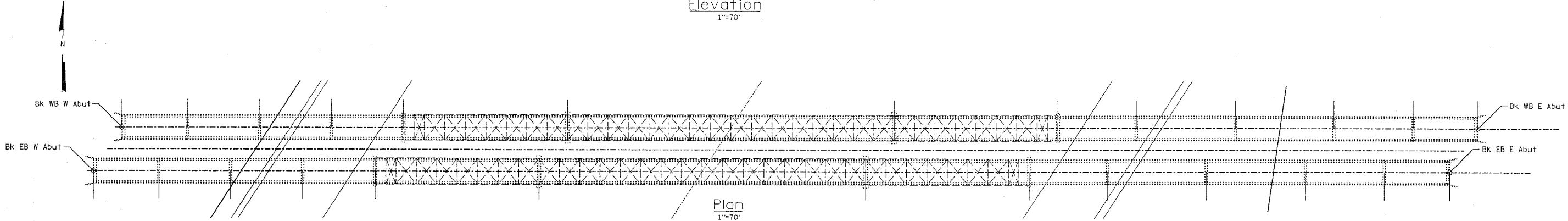
- T01400-02
- T01401-03
- T02001-06

* SPECIALTY ITEMS

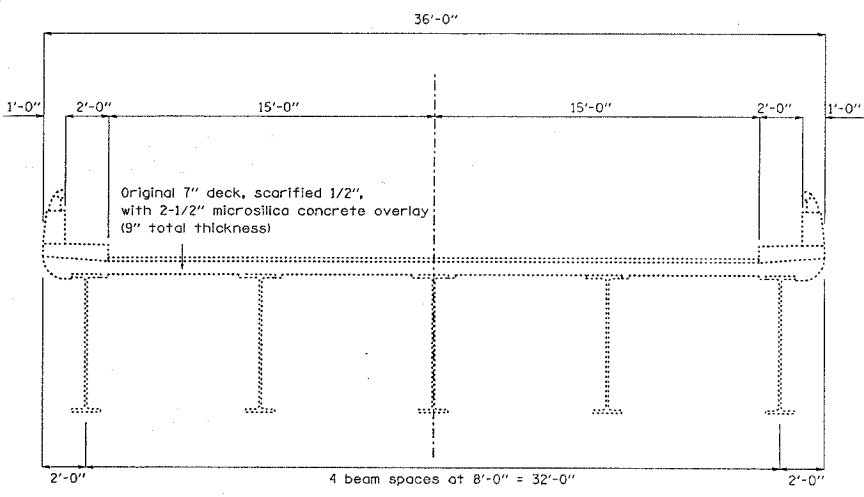
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



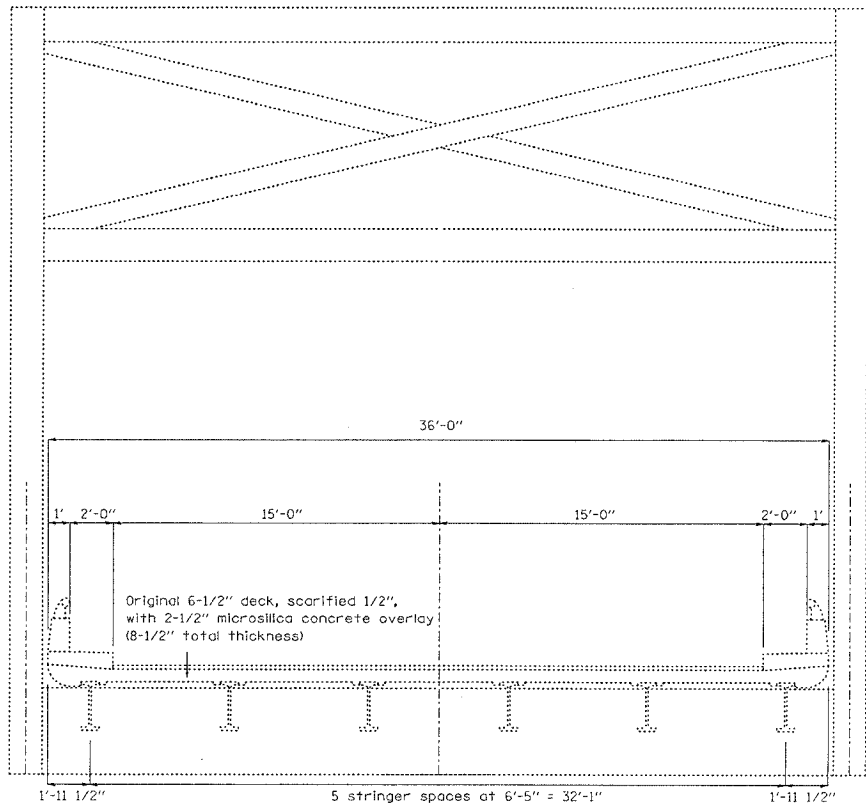
Elevation
1"=70'



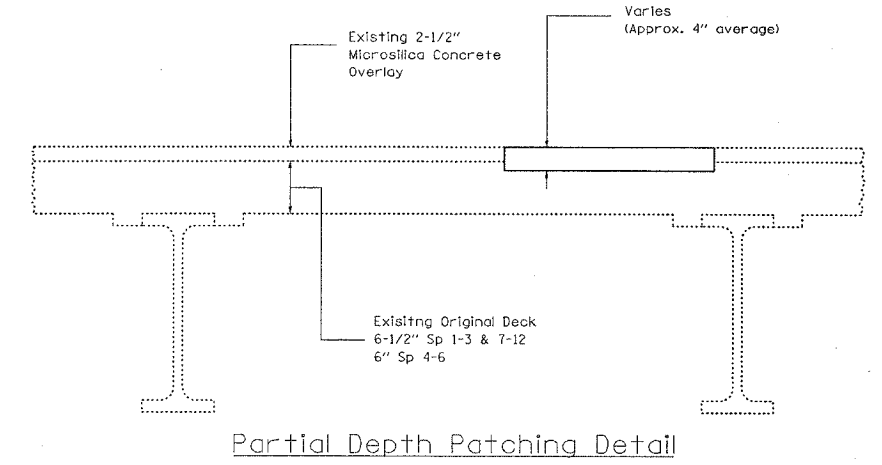
Plan
1"=70'



Cross Section (Spans 1-4 & 8-12)
1"=4'



Cross Section (Truss Spans 5-7)
1"=4'



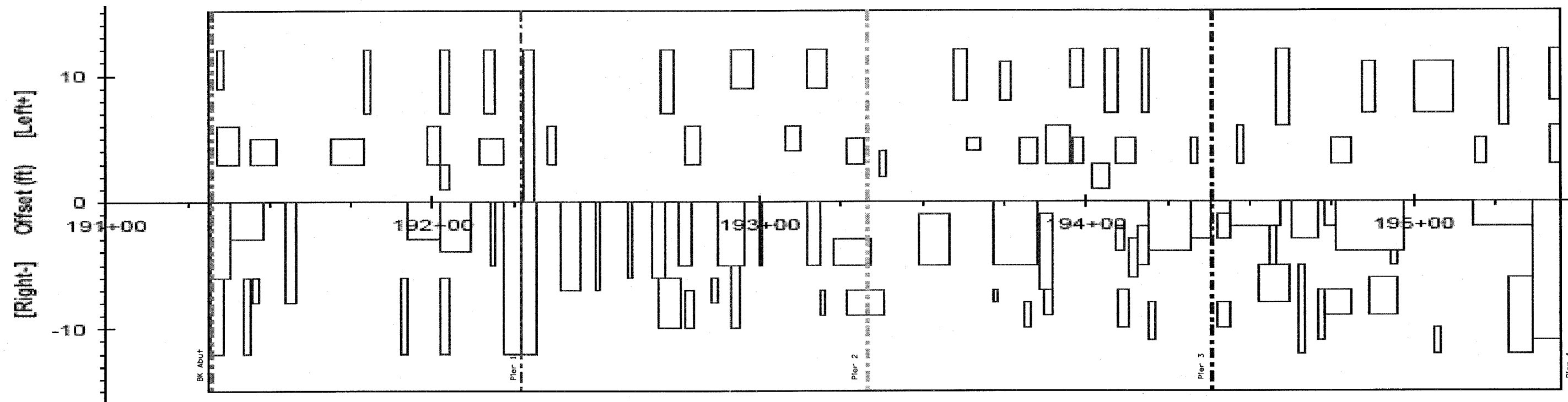
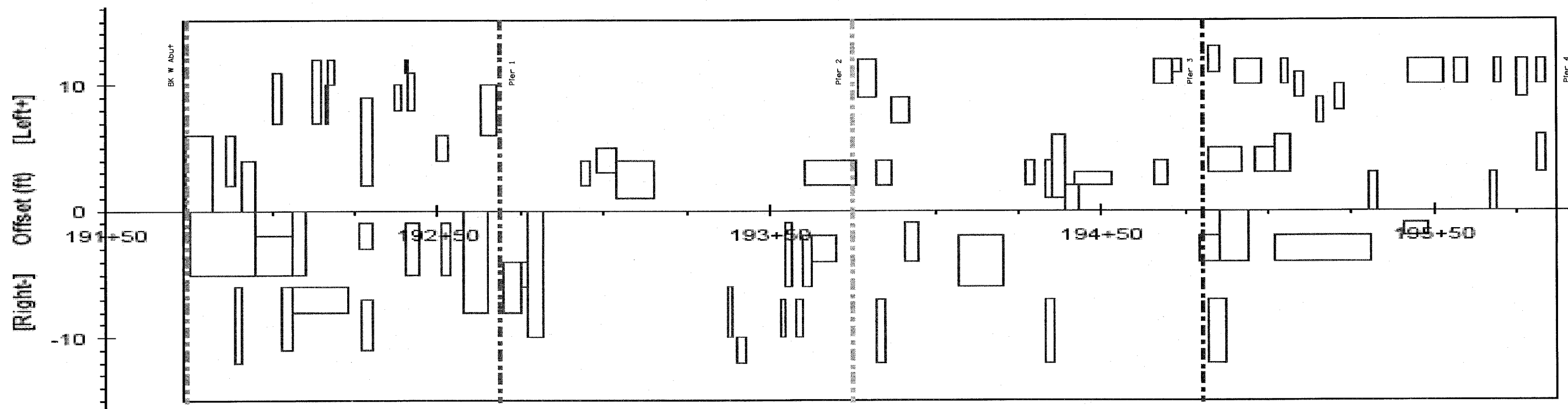
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE PLAN, ELEVATION,
AND SECTIONS
SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

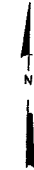
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PLOT SCALE = 70.0000 / in.
USER NAME = abdoohid

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EB Spans 1-4



WB Spans 1-4



PLOT DATE * 04/25/88
 FILE NAME * 071124
 USER NAME * MURPHY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

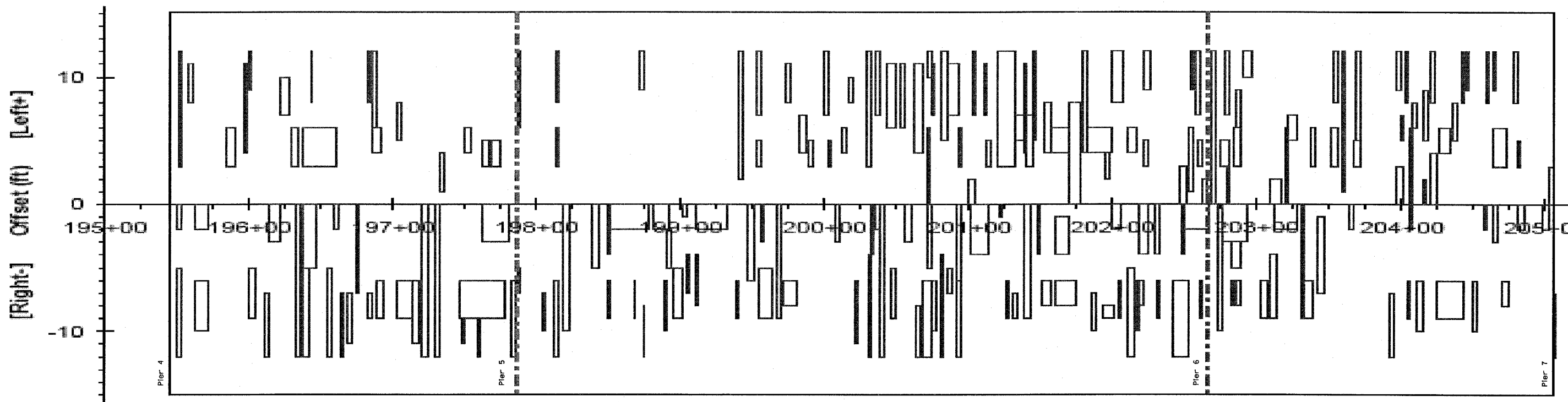
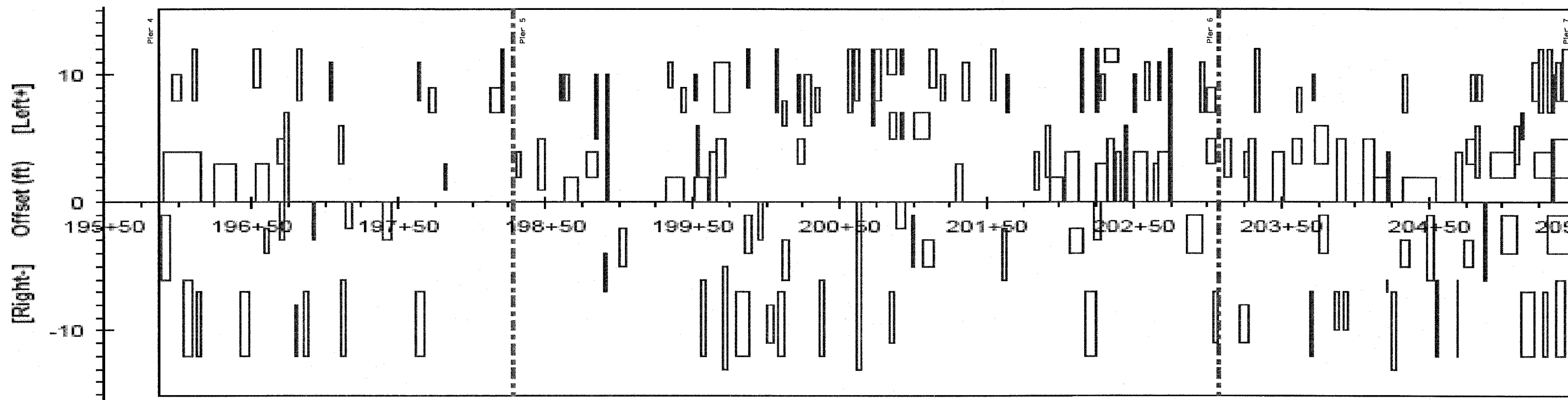
PATCHING SKETCH
 SPANS 1-4

SCALE: VERT.
 DATE HORIZ.

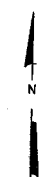
DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EB Spans 5-7



WB Spans 5-7



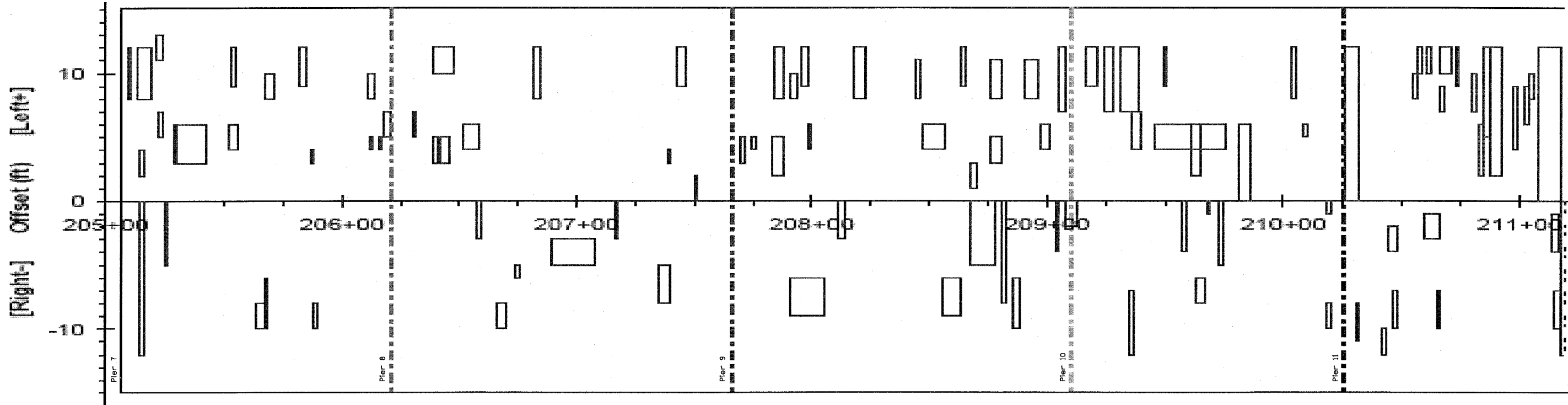
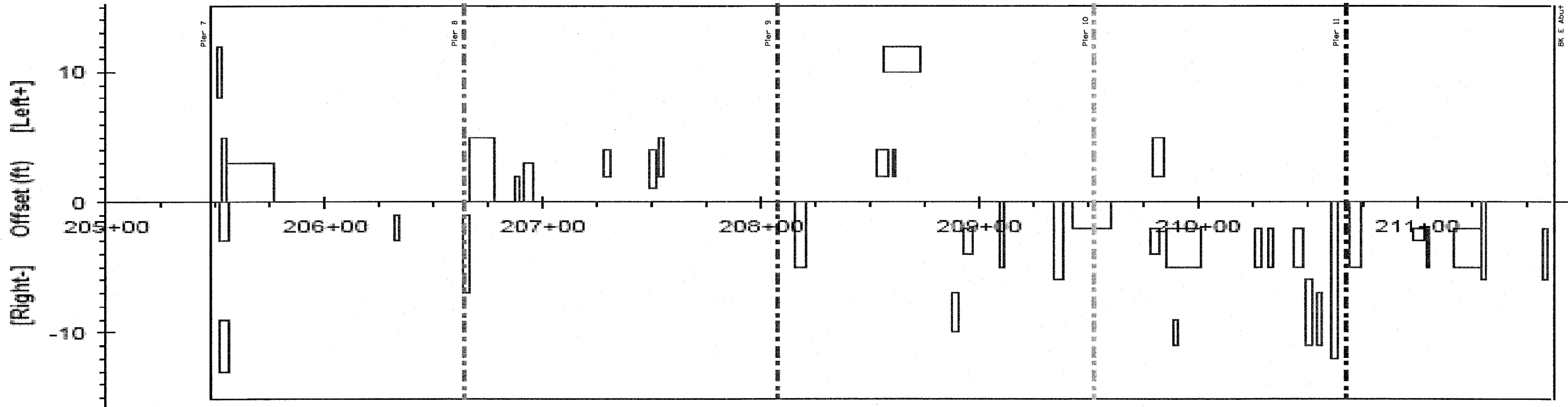
PLOT DATE * DATE
 FILE NAME * FILE
 PLOT SCALE * SCALE
 USER NAME * USER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PATCHING SKETCH
 SPANS 5-7
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

CONTRACT NO. 76B08				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EB Spans 8-12



WB Spans 8-12

PLOT DATE : * DATE *
 FILE NAME : * FILE *
 USER NAME : * USER *

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PATCHING SKETCH
 SPANS 8-12

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1-4	MADISON	9	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EB Spans 5-7 (Driving Lanes)

Patch #	Start Sta	End Sta	Offsets (ft)		Length (ft.)	Width (ft.)	Area (sq)
			From	To			
EB259	200+47	200+49	5 Rt	9 Rt	2	4	0.89
EB260	200+56	200+60	0 Rt	3 Rt	4	3	1.33
EB261	200+64	200+66	8 Rt	12 Rt	2	4	0.89
EB262	200+68	200+74	6 Rt	12 Rt	6	6	4.00
EB263	200+71	200+75	0 Rt	5 Rt	4	5	2.22
EB264	200+74	200+78	6 Rt	10 Rt	4	4	1.78
EB265	200+81	200+83	4 Rt	12 Rt	2	8	1.78
EB266	200+86	200+88	5 Rt	7 Rt	2	2	0.44
EB267	200+91	200+94	6 Rt	12 Rt	3	6	2.00
EB268	200+92	200+94	0 Rt	6 Rt	2	6	1.33
EB269	201+01	201+14	0 Rt	4 Rt	13	4	5.78
EB270	201+21	201+23	0 Rt	1 Rt	2	1	0.22
EB271	201+26	201+27	6 Rt	9 Rt	1	3	0.33
EB272	201+31	201+34	7 Rt	9 Rt	3	2	0.67
EB273	201+39	201+43	0 Rt	9 Rt	4	9	4.00
EB274	201+48	201+49	0 Rt	4 Rt	1	4	0.44
EB275	201+51	201+58	6 Rt	8 Rt	7	2	1.56
EB276	201+60	201+70	1 Rt	4 Rt	10	3	3.33
EB277	201+61	201+74	6 Rt	8 Rt	13	2	2.89
EB278	201+85	201+88	7 Rt	10 Rt	3	3	1.00
EB279	201+93	202+01	8 Rt	9 Rt	8	1	0.89
EB280	202+00	202+06	0 Rt	2 Rt	6	2	1.33
EB281	202+04	202+06	6 Rt	9 Rt	2	3	0.67
EB282	202+10	202+15	5 Rt	12 Rt	5	7	3.89
EB283	202+16	202+19	6 Rt	10 Rt	3	4	1.33
EB284	202+19	202+21	6 Rt	8 Rt	2	2	0.44
EB285	202+19	202+24	0 Rt	4 Rt	5	4	2.22
EB286	202+29	202+32	0 Rt	4 Rt	3	4	1.33
EB287	202+31	202+32	6 Rt	9 Rt	1	3	0.33
EB288	202+41	202+53	6 Rt	12 Rt	12	6	8.00
EB289	202+48	202+49	0 Rt	4 Rt	1	4	0.44
EB290	202+49	202+67	0 Rt	2 Rt	18	2	4.00
EB291	202+60	202+62	6 Rt	9 Rt	2	3	0.67
EB292	202+73	202+76	0 Rt	10 Rt	3	10	3.33
EB293	202+76	202+94	0 Rt	3 Rt	18	3	6.00
EB294	202+82	202+84	6 Rt	8 Rt	2	2	0.44
EB295	202+82	202+88	3 Rt	5 Rt	6	2	1.33
EB296	202+86	202+89	6 Rt	8 Rt	3	2	0.67
EB297	203+03	203+08	6 Rt	9 Rt	5	3	1.67
EB298	203+09	203+14	4 Rt	9 Rt	5	5	2.78
EB299	203+12	203+28	0 Rt	2 Rt	16	2	3.56
EB300	203+31	203+33	0 Rt	9 Rt	2	9	2.00
EB301	203+33	203+39	6 Rt	9 Rt	6	3	2.00
EB302	203+42	203+46	1 Rt	7 Rt	4	6	2.67
EB303	203+63	203+66	0 Rt	2 Rt	3	2	0.67
EB304	203+92	203+94	7 Rt	12 Rt	2	5	1.11
EB305	204+04	204+06	6 Rt	9 Rt	2	3	0.67
EB306	204+06	204+08	0 Rt	2 Rt	2	2	0.44
EB307	204+10	204+15	6 Rt	10 Rt	5	4	2.22
EB308	204+24	204+43	6 Rt	9 Rt	19	3	6.33
EB309	204+50	204+53	6 Rt	10 Rt	3	4	1.33
EB310	204+57	204+59	0 Rt	2 Rt	2	2	0.44
EB311	204+64	204+67	0 Rt	3 Rt	3	3	1.00
EB312	204+69	204+74	6 Rt	8 Rt	5	2	1.11
EB313	204+81	204+85	0 Rt	2 Rt	4	2	0.89
EB314	204+97	205+03	0 Rt	2 Rt	6	2	1.33
EB315	205+05	205+07	7 Rt	12 Rt	2	5	1.11

EB Spans 8-12 (Driving Lanes)

Patch #	Start Sta	End Sta	Offsets (ft)		Length (ft.)	Width (ft.)	Area (sq)
			From	To			
EB316	205+09	205+11	8 Lt	12 Lt	2	4	0.89
EB317	205+13	205+19	8 Lt	12 Lt	6	4	2.67
EB318	205+14	205+16	2 Lt	4 Lt	2	2	0.44
EB319	205+21	205+24	11 Lt	13 Lt	3	2	0.67
EB320	205+22	205+24	5 Lt	7 Lt	2	2	0.44
EB321	205+29	205+30	3 Lt	6 Lt	1	3	0.33
EB322	205+30	205+42	3 Lt	6 Lt	12	3	4.00
EB323	205+52	205+56	4 Lt	6 Lt	4	2	0.89
EB324	205+53	205+55	9 Lt	12 Lt	2	3	0.67
EB325	205+68	205+71	8 Lt	10 Lt	3	2	0.67
EB326	205+82	205+85	9 Lt	12 Lt	3	3	1.00
EB327	205+87	205+88	3 Lt	4 Lt	1	1	0.11
EB328	206+11	206+14	8 Lt	10 Lt	3	2	0.67
EB329	206+12	206+13	4 Lt	5 Lt	1	1	0.11
EB330	206+16	206+17	4 Lt	5 Lt	1	1	0.11
EB331	206+18	206+21	5 Lt	7 Lt	3	2	0.67
EB332	206+30	206+31	5 Lt	7 Lt	1	2	0.22
EB333	206+39	206+41	3 Lt	5 Lt	2	2	0.44
EB334	206+39	206+48	10 Lt	12 Lt	9	2	2.00
EB335	206+42	206+46	3 Lt	5 Lt	4	2	0.89
EB336	206+52	206+58	4 Lt	6 Lt	6	2	1.33
EB337	206+82	206+85	8 Lt	12 Lt	3	4	1.33
EB338	207+39	207+40	3 Lt	4 Lt	1	1	0.11
EB339	207+43	207+46	9 Lt	12 Lt	3	3	1.00
EB340	207+50	207+51	0 Lt	2 Lt	1	2	0.22
EB341	207+70	207+72	3 Lt	5 Lt	2	2	0.44
EB342	207+74	207+76	4 Lt	5 Lt	2	1	0.22
EB343	207+83	207+88	2 Lt	5 Lt	5	3	1.67
EB344	207+84	207+88	8 Lt	12 Lt	4	4	1.78
EB345	207+91	207+94	8 Lt	10 Lt	3	2	0.67
EB346	207+96	207+99	9 Lt	12 Lt	3	3	1.00
EB347	207+99	208+00	4 Lt	6 Lt	1	2	0.22
EB348	208+18	208+23	8 Lt	12 Lt	5	4	2.22
EB349	208+44	208+46	8 Lt	11 Lt	2	3	0.67
EB350	208+47	208+57	4 Lt	6 Lt	10	2	2.22
EB351	208+63	208+65	9 Lt	12 Lt	2	3	0.67
EB352	208+67	208+70	1 Lt	3 Lt	3	2	0.67
EB353	208+76	208+81	3 Lt	5 Lt	5	2	1.11
EB354	208+76	208+81	8 Lt	11 Lt	5	3	1.67
EB355	208+90	208+96	8 Lt	11 Lt	6	3	2.00
EB356	208+97	209+01	4 Lt	6 Lt	4	2	0.89
EB357	209+05	209+08	7 Lt	12 Lt	3	5	1.67
EB358	209+17	209+22	9 Lt	12 Lt	5	3	1.67
EB359	209+24	209+28	7 Lt	12 Lt	4	5	2.22
EB360	209+31	209+39	7 Lt	12 Lt	8	5	4.44
EB361	209+36	209+40	4 Lt	7 Lt	4	3	1.33
EB362	209+46	209+76	4 Lt	6 Lt	30	2	6.67
EB363	209+49	209+51	9 Lt	12 Lt	2	3	0.67
EB364	209+61	209+65	2 Lt	6 Lt	4	4	1.78
EB365	209+81	209+86	0 Lt	6 Lt	5	6	3.33
EB366	210+04	210+06	8 Lt	12 Lt	2	4	0.89
EB367	210+08	210+10	5 Lt	6 Lt	2	1	0.22
EB368	210+26	210+32	0 Lt	12 Lt	6	12	8.00
EB369	210+55	210+57	8 Lt	10 Lt	2	2	0.44
EB370	210+57	210+59	10 Lt	12 Lt	2	2	0.44
EB371	210+61	210+63	10 Lt	12 Lt	2	2	0.44
EB372	210+66	210+68	7 Lt	9 Lt	2	2	0.44
EB373	210+67	210+71	10 Lt	12 Lt	4	2	0.89
EB374	210+73	210+74	9 Lt	12 Lt	1	3	0.33
EB375	210+80	210+82	7 Lt	10 Lt	2	3	0.67
EB376	210+83	210+85	2 Lt	6 Lt	2	4	0.89
EB377	210+85	210+88	5 Lt	12 Lt	3	7	2.33
EB378	210+88	210+93	2 Lt	12 Lt	5	10	5.56
EB379	210+97	210+99	4 Lt	9 Lt	2	5	1.11
EB380	211+02	211+04	6 Lt	9 Lt	2	3	0.67
EB381	211+04	211+06	8 Lt	10 Lt	2	2	0.44
EB382	211+08	211+18	0 Lt	12 Lt	10	12	13.33

EB Spans 8-12 (Driving Lanes)

Patch #	Start Sta	End Sta	Offsets (ft)		Length (ft.)	Width (ft.)	Area (sq)
			From	To			
EB383	205+14	205+16	0 Rt	12 Rt	2	12	2.67
EB384	205+25	205+26	0 Rt	5 Rt	1	5	0.56
EB385	205+64	205+67	8 Rt	10 Rt	3	2	0.67
EB386	205+68	205+69	6 Rt	10 Rt	1	4	0.44
EB387	205+88	205+90	8 Rt	10 Rt	2	2	0.44
EB388	206+57	206+59	0 Rt	3 Rt	2	3	0.67
EB389	206+66	206+70	8 Rt	10 Rt	4	2	0.89
EB390	206+74	206+76	5 Rt	6 Rt	2	1	0.22
EB391	206+89	207+08	3 Rt	5 Rt	19	2	4.22
EB392	207+16	207+17	0 Rt	3 Rt	1	3	0.33
EB393	207+35	207+40	5 Rt	8 Rt	5	3	1.67
EB394	207+91	208+05	6 Rt	9 Rt	14	3	4.67
EB395	208+11	208+14	0 Rt	3 Rt	3	3	1.00
EB396	208+56	208+63	6 Rt	9 Rt	7	3	2.33
EB397	208+67	208+78	0 Rt	5 Rt	11	5	6.11
EB398	208+81	208+83	0 Rt	8 Rt	2	8	1.78
EB399	208+86	208+89	6 Rt	10 Rt	3	4	1.33
EB400	209+04	209+05	0 Rt	4 Rt	1	4	0.44
EB401	209+08	209+13	0 Rt	2 Rt	5	2	1.11
EB402	209+35	209+37	7 Rt	12 Rt	2	5	1.11
EB403	209+57	209+59	0 Rt	4 Rt	2	4	0.89
EB404	209+63	209+67	6 Rt	8 Rt	4	2	0.89
EB405	209+68	209+69	0 Rt	1 Rt	1	1	0.11
EB406	209+73	209+75	0 Rt	5 Rt	2	5	1.11
EB407	210+18	210+20	0 Rt	1 Rt	2	1	0.22
EB408	210+18	210+20	8 Rt	10 Rt	2	2	0.44
EB409	210+31	210+32	8 Rt	11 Rt	1	3	0.33
EB410	210+41	210+43	10 Rt	12 Rt	2	2	0.44
EB411	210+44	210+48	2 Rt	4 Rt	4	2	0.89
EB412	210+46	210+48	7 Rt	10 Rt	2	3	0.67
EB413	210+60	210+66	1 Rt	3 Rt	6	2	1.33
EB414	210+65	210+67	7 Rt	10 Rt	2	3	0.67
EB415	211+14	211+17	1 Rt	4 Rt	3	3	1.00
EB416	211+15	211+18	7 Rt	10 Rt	3	3	1.00
EB417	211+18	211+20	0 Rt	12 Rt	2	12	2.67

Deck Slab Repair (Partial) Schedule

	Total Deck Area
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