6-12-09 Letting, Item 037

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	1
FED. ROAD DIST. NO. _	ILLINOIS	CONTRACT NO. 76C94		

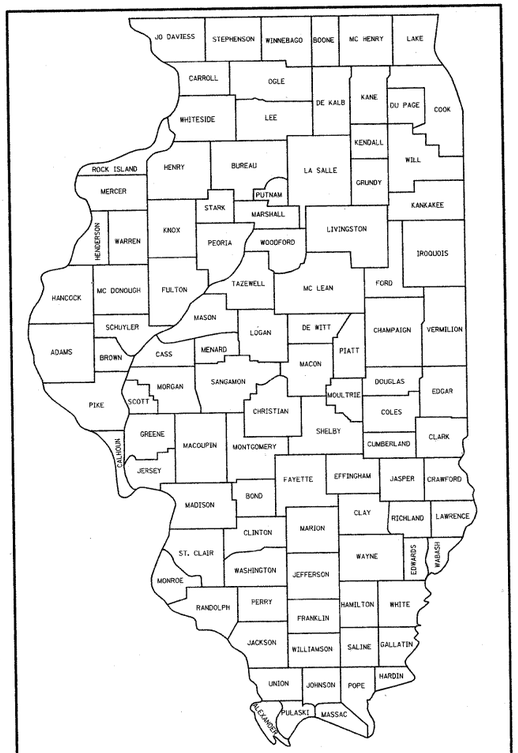
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

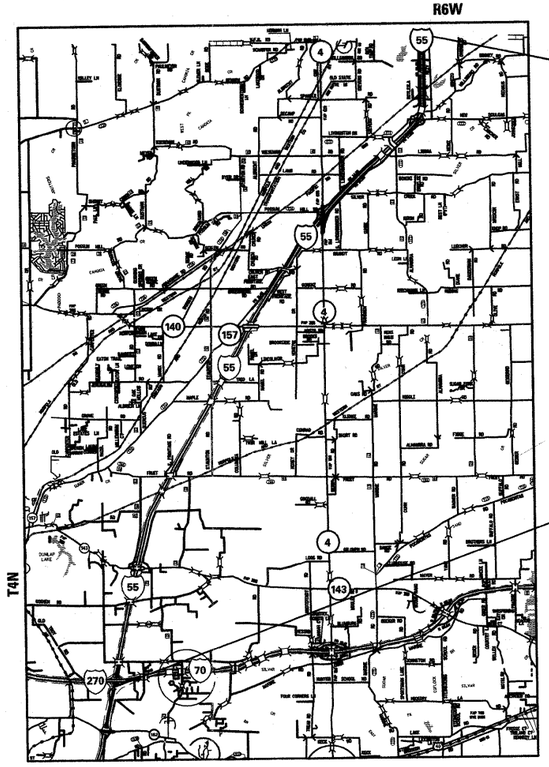
FAI ROUTE 55 (I-55)
SECTION 60-(1,2,3)I-1
PROJECT: IM-055-1(081)019
MADISON COUNTY

C-98-035-09

D-98-039-09



LOCATION OF SECTION INDICATED THUS: –



END
MILE STA. 39.000
LAT 38° - 59′ - 49″ N
LONG 89° - 45′ - 00″ W

BEGIN
MILE STA. 19.000
LAT 38° - 44′ - 41″ N
LONG 88° - 54′ - 33″ W

LAYOUT
0 MI 2 MI 4 MI 6 MI
1" = 2 MILE

GROSS LENGTH =105600 FT. = 20.0 MILES
NET LENGTH =105600 FT. = 20.0 MILES

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

	2007 ADT	2027 ADT	MU	SU
MS 19.000 TO MS 23.000	29500	36000	24.2	3.8
MS 23.000 TO MS 27.000	25000	30500	25.7	3.1
MS 27.000 TO MS 31.000	26500	32300	26.5	3.7
MS 31.000 TO MS 35.000	25700	31400	27.4	4.8
MS 35.000 TO MS 39.000	25900	31600	27.2	4.7

0 100′ 200′ 300′ — 1" = 100′
0 10′ 20′ 30′ — 1" = 10′
0 50′ 100′ — 1" = 50′
0 50′ 100′ — 1" = 40′
0 50′ 100′ — 1" = 30′
0 50′ 100′ — 1" = 20′

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

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

PROJECT ENGINEER: Patti LeBeau Phone: (618)346-3179
PROJECT MANAGER: Cheryl Keplar Phone: (618)346-3186

CONTRACT NO. 76C94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 19 2009
Alex C Ramirez
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 8, 2009
Charles J. Ingersoll /D
ENGINEER OF DESIGN AND ENVIRONMENT
May 8, 2009
Christine M. Reed /D
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THE PATCHING SCHEDULE WAS DEVELOPED FROM A LIMITED PATCHING SURVEY PERFORMED BY STAFF FROM STUDIES AND PLANS, CONSTRUCTION AND OPERATIONS. FINAL PATCHING LOCATIONS, SIZES, AND THEIR PRIORITY FOR REPAIR ARE TO BE DETERMINED BY THE RESIDENT ENGINEER. IT IS THE INTENT OF THIS PROJECT TO DO LIMITED FULL DEPTH PATCHING AT ONLY THOSE LOCATIONS WITH MAJOR FAILURES WHILE THE PARTIAL DEPTH PATCHING WILL BE FOCUSED ON ELIMINATING RUTTED SECTIONS OF ROADWAY, SOME OF WHICH MAY BE RECENT PARTIAL DEPTH PATCHES THAT ARE FAILING. CARE SHOULD BE TAKEN TO DETERMINE PATCHING LOCATIONS MOST IN NEED OF REPAIR THROUGHOUT THE PROJECT LIMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS AS IT WILL NOT BE POSSIBLE TO PATCH ALL QUESTIONABLE AREAS DUE TO THE LIMITED QUANTITY INCLUDED IN THE PLANS.

2. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.

3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT .

4. THE THICKNESS OF THE HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

5. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

6. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE RESURFACED OVER OR REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.

7. THE RECLAIMED ASPHALT PAVEMENT (R.A.P.) FROM THIS PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR. 5600 TONS - ESTIMATED

8. THE FOLLOWING MIXTURES WILL BE APPLICABLE FOR THIS PROJECT.

MIXTURE USE	POLYMERIZED -	BINDER
	PARTIAL DEPTH PATCH	
AC/PG	SBS 76-22	PG 64-22
RAP % (MAX)	10%	10%
DESIGN AIR VOIDS	4.0% @Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION		
(GRADATION MIXTURE)		IL 19.0
FRICTION AGG	MIXTURE "E"	MIXTURE "B"

9. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.

10. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

11. ALL HMA SURFACE REMOVAL MUST BE PAVED PRIOR TO OPENING THE LANE TO TRAFFIC.

12. ADDITIONAL CHANGEABLE MESSAGE SIGNS HAVE BEEN INCLUDED IN THIS CONTRACT. PLACEMENT OF THESE DEVICES SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

13. IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE WITH A SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-05	701400-03
001001-02	701401-05
001006	701406-05
442001-04	701411-05
442101-07	701426-03
701101-02	701901-01
701106-02	780001-02
781001-03	

COMMITMENTS

NONE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ___	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, STANDARDS AND COMMITMENTS
		DRAWN - ___	REVISED - ___		
	PLOT SCALE = $SCALE$	CHECKED - ___	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____
	PLOT DATE = $DATE$	DATE - _____	REVISED - ___		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	2
		CONTRACT NO. 76C94		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 90% FED 10% STATE	-------	-------
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	12.6	12.6		
40600300	AGGREGATE (PRIME COAT)	TON	60	60		
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	3383	3383		
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	2255	2255		
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	20137	20137		
44200629	CLASS A PATCHES, TYPE I, 15 INCH	SQ YD	24	24		
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	80	80		
44200631	CLASS A PATCHES, TYPE III, 15 INCH	SQ YD	144	144		
44201027	CLASS B PATCHES, TYPE I, 15 INCH	SQ YD	24	24		
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	80	80		
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	144	144		
44213000	PATCHING REINFORCEMENT	SQ YD	248	248		
44213100	PAVEMENT FABRIC	SQ YD	248	248		
44213200	SAW CUTS	FOOT	2627	2627		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	27	27		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3868	3868		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19343	19343		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1289	1289		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19343	19343		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	507	507		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	507	507		
Z0017202	DOWEL BARS 1 1/2"	EACH	360	360		
Z0075310	TIE BARS 3/4"	EACH	240	240		
© Z0076600	TRAINEES	HOUR	500	500		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		-------	-------	-------

© Y080

*Specialty Items

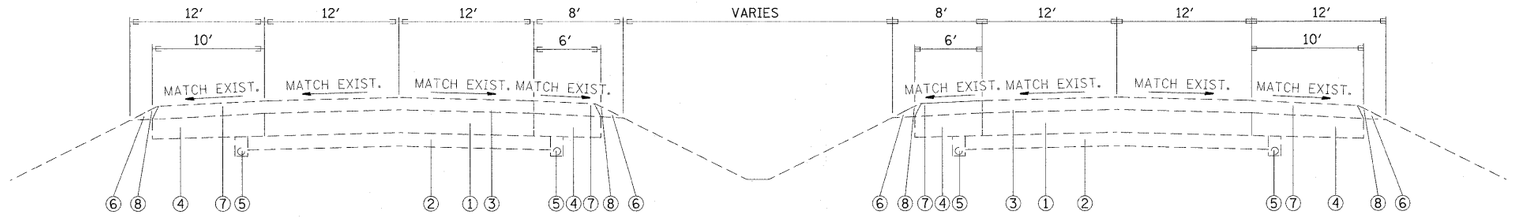
FILE NAME = c:\pw_work\PWIDOT\BERGMD\d0120423\d876494-sht-plan.dgn	USER NAME = bergmd	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - ___	REVISED - ___
	PLOT DATE = 3/18/2009	DATE - _____	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

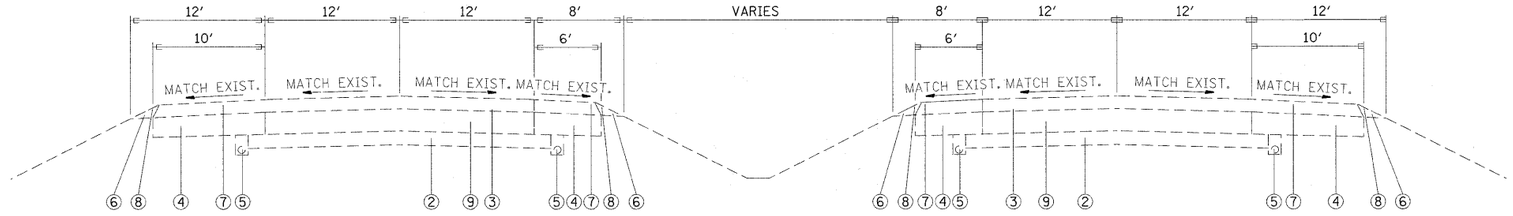
SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	3
		CONTRACT NO. 76C94		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



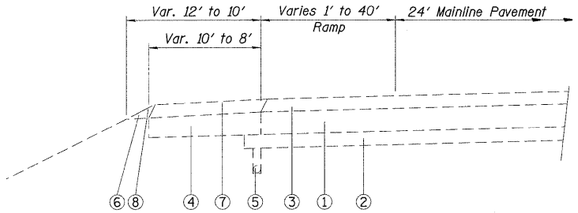
TYPICAL SECTION F.A.I. 55
MILE STA. 19.000 TO MILE STA. 33.000

** SEE SCHEDULE FOR LOCATIONS



TYPICAL SECTION F.A.I. 55
MILE STA. 33.000 TO MILE STA. 39.000

** SEE SCHEDULE FOR LOCATIONS

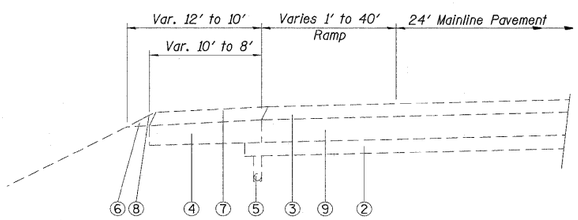


TYPICAL SECTION FOR RAMP TAPERS

NORTHBOUND	*SOUTHBOUND*
MILE STA. 19.590 TO MILE STA. 19.605	MILE STA. 30.012 TO MILE STA. 29.952
MILE STA. 19.828 TO MILE STA. 20.005	MILE STA. 28.789 TO MILE STA. 28.738
MILE STA. 22.310 TO MILE STA. 22.380	MILE STA. 28.053 TO MILE STA. 27.901
MILE STA. 22.860 TO MILE STA. 23.010	MILE STA. 22.842 TO MILE STA. 22.790
MILE STA. 27.543 TO MILE STA. 27.601	MILE STA. 22.333 TO MILE STA. 22.170
MILE STA. 28.245 TO MILE STA. 28.439	MILE STA. 19.769 TO MILE STA. 19.717
MILE STA. 29.499 TO MILE STA. 29.561	MILE STA. 19.496 TO MILE STA. 19.434
MILE STA. 30.005 TO MILE STA. 30.182	

EXISTING LEGEND

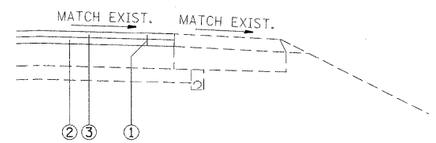
① EXISTING 10" P.C.C. PAVEMENT (WITH PAVEMENT FABRIC)
② EXISTING SUB-BASE GRANULAR MATERIAL
③ EXISTING BITUMINOUS OVERLAY 5"
④ EXISTING STABILIZED SHOULDERS WITH BITUMINOUS OVERLAY
⑤ EXISTING PIPE UNDERDRAINS
⑥ EXISTING AGGREGATE SHOULDERS
⑦ EXISTING BITUMINOUS SHOULDERS - 1 1/2 "
⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
⑨ EXISTING 10" CRCP. PAVEMENT



TYPICAL SECTION FOR RAMP TAPERS

NORTHBOUND	*SOUTHBOUND*
MILE STA. 33.002 TO MILE STA. 33.058	MILE STA. 37.273 TO MILE STA. 37.209
MILE STA. 33.520 TO MILE STA. 33.689	MILE STA. 36.668 TO MILE STA. 36.474
MILE STA. 36.605 TO MILE STA. 36.665	MILE STA. 33.653 TO MILE STA. 33.593
MILE STA. 37.149 TO MILE STA. 37.363	MILE STA. 33.180 TO MILE STA. 32.984

HMA SURFACE REPLACEMENT AT VARIOUS LOCATIONS



LEGEND

① PROPOSED HMA REMOVAL
② 3" BINDER
③ 2" SURFACE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ___	REVISED - ___	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TYPICAL SECTIONS**
		DRAWN - ___	REVISED - ___		
	PLOT SCALE = $SCALE$	CHECKED - ___	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____
	PLOT DATE = $DATE$	DATE - _____	REVISED - ___		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	4
		CONTRACT NO. 76C94		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

LOCATION			CLASS A PATCH, 15″			CLASS B PATCH, 15″			HMA SURFACE REMOVAL, 5″	HMA BINDER IL 19, N90	HMA SURFACE, POLY, MIX E, N 90	POLYMERIZED BITUMINOUS MATERIALS, (PRIME COAT)	AGGREGATE (PRIME COAT)
			TYPE I	TYPE II	TYPE III	TYPE I	TYPE II	TYPE III					
MILE MARKER	DIRECTION	LANE	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GALLON	TON
19.0	NB	DL					13.3						
19.0	NB	PL				4			100	16.8	11.2	0.063	0.30
19.0	SB	PL						24	25	4.2	2.8	0.016	0.08
19.1	NB	DL					13.3						
19.2	NB	DL						24	100	16.8	11.2	0.063	0.30
19.2	SB	DL				4			250	42.0	28.0	0.156	0.75
19.3	NB	DL							6	1.0	0.7	0.004	0.02
19.4	NB	DL							12	2.0	1.3	0.008	0.04
19.4	NB	PL						24	50	8.4	5.6	0.031	0.15
19.4	SB	DL				4	13.3						
19.5	NB	PL							12	2.0	1.3	0.008	0.04
19.5	SB	DL						24					
19.5	SB	PL					13.3						
19.6	SB	DL							12	2.0	1.3	0.008	0.04
19.7	SB	PL				4		24					
19.8	NB	PL							75	12.6	8.4	0.047	0.23
19.9	NB	DL					13.3		6	1.0	0.7	0.004	0.02
19.9	NB	PL							200	33.6	22.4	0.125	0.60
20.0	NB	DL						24	500	84.0	56.0	0.313	1.50
20.1	NB	DL					13.3		6	1.0	0.7	0.004	0.02
20.2	NB	DL							100	16.8	11.2	0.063	0.30
20.2	NB	PL				4			100	16.8	11.2	0.063	0.30
20.3	NB	DL							12	2.0	1.3	0.008	0.04
20.4	NB	DL							75	12.6	8.4	0.047	0.23
20.5	SB	DL				4							
20.6	NB	PL							6	1.0	0.7	0.004	0.02
20.7	NB	PL							75	12.6	8.4	0.047	0.23
20.7	SB	PL							100	16.8	11.2	0.063	0.30
20.8	NB	DL							12	2.0	1.3	0.008	0.04
20.9	NB	PL							50	8.4	5.6	0.031	0.15
21.0	SB	PL							6	1.0	0.7	0.004	0.02
21.2	NB	DL							6	1.0	0.7	0.004	0.02
21.3	NB	PL							75	12.6	8.4	0.047	0.23
21.3	SB	PL							12	2.0	1.3	0.008	0.04
21.5	NB	DL							12	2.0	1.3	0.008	0.04
21.5	NB	PL							25	4.2	2.8	0.016	0.08
21.7	NB	DL							12	2.0	1.3	0.008	0.04
21.8	NB	PL							12	2.0	1.3	0.008	0.04
21.8	SB	DL							50	8.4	5.6	0.031	0.15
21.8	SB	PL							300	50.4	33.6	0.188	0.90
22.0	NB	DL							6	1.0	0.7	0.004	0.02
22.0	NB	PL							750	126.0	84.0	0.469	2.25
22.2	SB	DL							6	1.0	0.7	0.004	0.02
22.3	NB	DL							75	12.6	8.4	0.047	0.23
22.4	NB	PL							50	8.4	5.6	0.031	0.15
22.6	SB	PL							200	33.6	22.4	0.125	0.60

PATCHING SCHEDULE													
Location			CLASS A PATCH, 15"			CLASS B PATCH, 15"			HMA SURFACE REMOVAL, 5"	HMA BINDER IL 19, N90	HMA SURFACE, POLY, MIX E, N 90	POLYMERIZED BITUMINOUS MATERIALS, (PRIME COAT)	AGGREGATE (PRIME COAT)
			TYPE I	TYPE II	TYPE III	TYPE I	TYPE II	TYPE III					
Mile Marker	Direction	Lane	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GALLON	TON
22.8	NB	PL							12	2.0	1.3	0.008	0.04
22.8	SB	DL							100	16.8	11.2	0.063	0.30
22.8	SB	PL							1000	168.0	112.0	0.626	3.00
23.0	NB	PL							12	2.0	1.3	0.008	0.04
23.1	NB	PL							50	8.4	5.6	0.031	0.15
23.2	SB	PL							6	1.0	0.7	0.004	0.02
23.4	NB	DL							6	1.0	0.7	0.004	0.02
23.5	NB	DL							12	2.0	1.3	0.008	0.04
23.7	NB	PL							12	2.0	1.3	0.008	0.04
23.9	NB	DL							12	2.0	1.3	0.008	0.04
23.9	NB	PL							50	8.4	5.6	0.031	0.15
24.0	NB	DL							750	126.0	84.0	0.469	2.25
24.0	SB	PL							12	2.0	1.3	0.008	0.04
24.1	SB	DL							200	33.6	22.4	0.125	0.60
24.2	SB	DL							6	1.0	0.7	0.004	0.02
24.3	SB	DL							6	1.0	0.7	0.004	0.02
24.3	SB	PL							12	2.0	1.3	0.008	0.04
24.5	NB	DL							25	4.2	2.8	0.016	0.08
24.6	SB	PL							50	8.4	5.6	0.031	0.15
24.8	SB	DL							300	50.4	33.6	0.188	0.90
24.9	SB	PL							6	1.0	0.7	0.004	0.02
25.0	SB	DL							25	4.2	2.8	0.016	0.08
25.0	SB	PL							1000	168.0	112.0	0.626	3.00
25.2	NB	DL							50	8.4	5.6	0.031	0.15
25.3	NB	PL							12	2.0	1.3	0.008	0.04
25.5	SB	DL							50	8.4	5.6	0.031	0.15
25.6	SB	DL							12	2.0	1.3	0.008	0.04
25.7	NB	DL							400	67.2	44.8	0.250	1.20
25.8	NB	PL							50	8.4	5.6	0.031	0.15
25.9	SB	PL							75	12.6	8.4	0.047	0.23
26.2	NB	DL							6	1.0	0.7	0.004	0.02
26.4	SB	DL							300	50.4	33.6	0.188	0.90
26.4	SB	PL							500	84.0	56.0	0.313	1.50
26.6	NB	PL							50	8.4	5.6	0.031	0.15
26.8	NB	DL							100	16.8	11.2	0.063	0.30
26.8	SB	PL							12	2.0	1.3	0.008	0.04
27.0	NB	PL							50	8.4	5.6	0.031	0.15
27.2	NB	DL							250	42.0	28.0	0.156	0.75
27.3	SB	PL							200	33.6	22.4	0.125	0.60
27.4	NB	DL							6	1.0	0.7	0.004	0.02
27.5	SB	DL							75	12.6	8.4	0.047	0.23
27.7	SB	PL							12	2.0	1.3	0.008	0.04
27.9	NB	PL							50	8.4	5.6	0.031	0.15
28.0	SB	PL							750	126.0	84.0	0.469	2.25
28.2	SB	PL							12	2.0	1.3	0.008	0.04
28.4	NB	DL							25	4.2	2.8	0.016	0.08

PATCHING SCHEDULE

Location			CLASS A PATCH, 15"			CLASS B PATCH, 15"			HMA SURFACE REMOVAL, 5"	HMA BINDER IL 19, N90	HMA SURFACE, POLY, MIX E, N 90	POLYMERIZED BITUMINOUS MATERIALS, (PRIME COAT)	AGGREGATE (PRIME COAT)
			TYPE I	TYPE II	TYPE III	TYPE I	TYPE II	TYPE III					
Mile Marker	Direction	Lane	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GALLON	TON
28.5	NB	PL							50	8.4	5.6	0.031	0.15
28.6	NB	PL							6	1.0	0.7	0.004	0.02
28.8	NB	DL							100	16.8	11.2	0.063	0.30
29.0	SB	DL							50	8.4	5.6	0.031	0.15
29.1	SB	DL							500	84.0	56.0	0.313	1.50
29.1	SB	PL							12	2.0	1.3	0.008	0.04
29.3	SB	DL							50	8.4	5.6	0.031	0.15
29.5	SB	DL							6	1.0	0.7	0.004	0.02
29.7	NB	DL							200	33.6	22.4	0.125	0.60
29.8	SB	PL							6	1.0	0.7	0.004	0.02
29.9	SB	PL							1000	168.0	112.0	0.626	3.00
30.2	NB	PL							50	8.4	5.6	0.031	0.15
30.4	SB	DL							12	2.0	1.3	0.008	0.04
30.5	SB	PL							75	12.6	8.4	0.047	0.23
30.6	SB	PL							300	50.4	33.6	0.188	0.90
30.8	NB	PL							50	8.4	5.6	0.031	0.15
31.0	NB	PL							100	16.8	11.2	0.063	0.30
31.0	SB	DL							6	1.0	0.7	0.004	0.02
31.2	NB	DL							50	8.4	5.6	0.031	0.15
31.3	NB	DL							6	1.0	0.7	0.004	0.02
31.3	NB	PL							250	42.0	28.0	0.156	0.75
31.4	SB	DL							50	8.4	5.6	0.031	0.15
31.6	NB	DL							400	67.2	44.8	0.250	1.20
31.6	SB	DL							12	2.0	1.3	0.008	0.04
31.7	NB	PL							100	16.8	11.2	0.063	0.30
31.8	SB	PL							50	8.4	5.6	0.031	0.15
32.0	NB	PL							12	2.0	1.3	0.008	0.04
32.2	NB	DL							750	126.0	84.0	0.469	2.25
32.4	NB	DL							500	84.0	56.0	0.313	1.50
32.4	SB	PL							75	12.6	8.4	0.047	0.23
32.5	SB	DL							12	2.0	1.3	0.008	0.04
32.7	NB	DL							50	8.4	5.6	0.031	0.15
32.9	NB	PL							12	2.0	1.3	0.008	0.04
33.0	NB	PL							50	8.4	5.6	0.031	0.15
33.1	SB	PL	4										
33.2	NB	DL							50	8.4	5.6	0.031	0.15
33.3	NB	PL		13.3					400	67.2	44.8	0.250	1.20
33.4	SB	DL							12	2.0	1.3	0.008	0.04
33.5	SB	DL							500	84.0	56.0	0.313	1.50
33.5	SB	PL							25	4.2	2.8	0.016	0.08
33.6	NB	DL			24								
33.8	NB	PL							50	8.4	5.6	0.031	0.15
34.0	NB	DL							12	2.0	1.3	0.008	0.04
34.0	SB	DL	4										
34.1	NB	DL			24								
34.1	SB	PL							25	4.2	2.8	0.016	0.08

FILE NAME = $FILE1$

USER NAME = $USER$ | PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$

DESIGNED - ___ | DRAWN - ___ | CHECKED - ___ | DATE - ________

REVISED - ___ | REVISED - ___ | REVISED - ___ | REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCEDULE OF QUANTITIES

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	7
		CONTRACT NO. 76C94		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

PATCHING SCHEDULE

Location			CLASS A PATCH, 15"			CLASS B PATCH, 15"			HMA SURFACE REMOVAL, 5"	HMA BINDER IL 19, N90	HMA SURFACE, POLY, MIX E, N 90	POLYMERIZED BITUMINOUS MATERIALS, (PRIME COAT)	AGGREGATE (PRIME COAT)
			TYPE I	TYPE II	TYPE III	TYPE I	TYPE II	TYPE III					
Mile Marker	Direction	Lane	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GALLON	TON
34.2	NB	DL							300	50.4	33.6	0.188	0.90
34.4	SB	DL							12	2.0	1.3	0.008	0.04
34.7	NB	DL							75	12.6	8.4	0.047	0.23
34.7	SB	PL		13.3									
34.9	SB	DL							150	25.2	16.8	0.094	0.45
35.0	NB	PL							6	1.0	0.7	0.004	0.02
35.1	SB	DL							6	1.0	0.7	0.004	0.02
35.2	NB	DL							50	8.4	5.6	0.031	0.15
35.3	SB	PL	4	13.3									
35.4	SB	DL			24								
35.5	NB	DL							12	2.0	1.3	0.008	0.04
35.6	NB	PL							100	16.8	11.2	0.063	0.30
35.7	NB	DL							6	1.0	0.7	0.004	0.02
35.9	NB	DL							12	2.0	1.3	0.008	0.04
35.9	SB	DL			24								
35.9	SB	PL							350	58.8	39.2	0.219	1.05
36.1	SB	PL							100	16.8	11.2	0.063	0.30
36.2	SB	DL							6	1.0	0.7	0.004	0.02
36.3	SB	DL							25	4.2	2.8	0.016	0.08
36.6	NB	DL							12	2.0	1.3	0.008	0.04
36.7	NB	DL	4	13.3									
36.7	SB	PL							50	8.4	5.6	0.031	0.15
36.9	NB	PL							6	1.0	0.7	0.004	0.02
37.1	NB	DL							875	147.0	98.0	0.548	2.63
37.2	SB	PL							100	16.8	11.2	0.063	0.30
37.3	NB	PL							12	2.0	1.3	0.008	0.04
37.5	SB	DL	4										
37.6	NB	DL			24								
37.7	NB	DL							6	1.0	0.7	0.004	0.02
37.8	NB	PL		13.3									
37.8	SB	DL							200	33.6	22.4	0.125	0.60
37.9	SB	DL							12	2.0	1.3	0.008	0.04
38.0	NB	DL							75	12.6	8.4	0.047	0.23
38.0	SB	DL							6	1.0	0.7	0.004	0.02
38.1	NB	PL							950	159.6	106.4	0.595	2.85
38.3	NB	PL							12	2.0	1.3	0.008	0.04
38.3	SB	PL		13.3									
38.4	SB	DL							50	8.4	5.6	0.031	0.15
38.6	NB	DL							6	1.0	0.7	0.004	0.02
38.7	SB	PL			24								
38.8	NB	PL							300	50.4	33.6	0.188	0.90
38.8	SB	PL							12	2.0	1.3	0.008	0.04
39.0	NB	DL							25	4.2	2.8	0.016	0.08
39.0	NB	PL	4										
TOTALS			24	79.8	144	24	79.8	144	20137	3383	2255	12.6	60

The patching schedule was developed from a limited patching survey performed by staff from studies and plans, construction and operations. Final patching locations, sizes, and their priority for repair are to be determined by the resident engineer. It is the intent of this project to do limited full depth patching at only those locations with major failures while the partial depth patching will be focused on eliminating rutted sections of roadway, some of which may be recent partial depth patches that are failing. Care should be taken to determine patching locations most in need of repair throughout the project limits prior to the commencement of construction operations as it will not be possible to patch all questionable areas due to the limited quantity included in the plans.

PAVEMENT MARKING SCHEDULE					
Location			THERMOPLASTIC PAVEMENT MARKING LINE, 4"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
Mile Marker	Direction	Lane	FT	EACH	EACH
19.0	NB	DL	12		
19.0	NB	PL	98	3	3
19.0	SB	PL	46	2	2
19.1	NB	DL	12		
19.2	NB	DL	116	3	3
19.2	SB	DL	238	6	6
19.3	NB	DL	6		
19.4	NB	DL	11		
19.4	NB	PL	69	2	2
19.4	SB	DL	16		
19.5	NB	PL	11		
19.5	SB	DL	23		
19.5	SB	PL	12		
19.6	SB	DL	11		
19.7	SB	PL	26		
19.8	NB	PL	70	2	2
19.9	NB	DL	18		
19.9	NB	PL	188	5	5
20.0	NB	DL	491	13	13
20.1	NB	DL	18		
20.2	NB	DL	94	3	3
20.2	NB	PL	98	3	3
20.3	NB	DL	11		
20.4	NB	DL	70	2	2
20.5	SB	DL	4		
20.6	NB	PL	6		
20.7	NB	PL	70	2	2
20.7	SB	PL	94	3	3
20.8	NB	DL	11		
20.9	NB	PL	47	2	2
21.0	SB	PL	6		
21.2	NB	DL	6		
21.3	NB	PL	70	2	2
21.3	SB	PL	11		
21.5	NB	DL	11		
21.5	NB	PL	23		
21.7	NB	DL	11		
21.8	NB	PL	11		
21.8	SB	DL	47	2	2
21.8	SB	PL	281	8	8
22.0	NB	DL	6		
22.0	NB	PL	703	18	18
22.2	SB	DL	6		
22.3	NB	DL	70	2	2
22.4	NB	PL	47	2	2
22.6	SB	PL	188	5	5

PAVEMENT MARKING SCHEDULE					
Location			THERMOPLASTIC PAVEMENT MARKING LINE, 4"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
22.8	NB	PL	11		
22.8	SB	DL	94	3	3
22.8	SB	PL	938	24	24
23.0	NB	PL	11		
23.1	NB	PL	47	2	2
23.2	SB	PL	6		
23.4	NB	DL	6		
23.5	NB	DL	11		
23.7	NB	PL	11		
23.9	NB	DL	11		
23.9	NB	PL	47	2	2
24.0	NB	DL	703	18	18
24.0	SB	PL	11		
24.1	SB	DL	188	5	5
24.2	SB	DL	6		
24.3	SB	DL	6		
24.3	SB	PL	11		
24.5	NB	DL	23		
24.6	SB	PL	47	2	2
24.8	SB	DL	281	8	8
24.9	SB	PL	6		
25.0	SB	DL	23		
25.0	SB	PL	938	24	24
25.2	NB	DL	47	2	2
25.3	NB	PL	11		
25.5	SB	DL	47	2	2
25.6	SB	DL	11		
25.7	NB	DL	375	10	10
25.8	NB	PL	47	2	2
25.9	SB	PL	70	2	2
26.2	NB	DL	6		
26.4	SB	DL	281	8	8
26.4	SB	PL	469	12	12
26.6	NB	PL	47	2	2
26.8	NB	DL	94	3	3
26.8	SB	PL	11		
27.0	NB	PL	47	2	2
27.2	NB	DL	234	6	6
27.3	SB	PL	188	5	5
27.4	NB	DL	6		
27.5	SB	DL	70	2	2
27.7	SB	PL	11		
27.9	NB	PL	47	2	2
28.0	SB	PL	703	18	18
28.2	SB	PL	11		
28.4	NB	DL	23		
28.5	NB	PL	47	2	2

FILE NAME = $FILEL$

USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

DESIGNED - ___
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CHECKED - ___
DATE - _____

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REVISED - ___ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	9
		CONTRACT NO. 76C94		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING SCHEDULE					
Location			THERMOPLASTIC PAVEMENT MARKING LINE, 4"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
28.6	NB	PL	6		
28.8	NB	DL	94	3	3
29.0	SB	DL	47	2	2
29.1	SB	DL	469	12	12
29.1	SB	PL	11		
29.3	SB	DL	47	2	2
29.5	SB	DL	6		
29.7	NB	DL	188	5	5
29.8	SB	PL	6		
29.9	SB	PL	938	24	24
30.2	NB	PL	47	2	2
30.4	SB	DL	11		
30.5	SB	PL	70	2	2
30.6	SB	PL	281	8	8
30.8	NB	PL	47	2	2
31.0	NB	PL	94	3	3
31.0	SB	DL	6		
31.2	NB	DL	47	2	2
31.3	NB	DL	6		
31.3	NB	PL	234	6	6
31.4	SB	DL	47	2	2
31.6	NB	DL	375	10	10
31.6	SB	DL	11		
31.7	NB	PL	94	3	3
31.8	SB	PL	47	2	2
32.0	NB	PL	11		
32.2	NB	DL	703	18	18
32.4	NB	DL	469	12	12
32.4	SB	PL	70	2	2
32.5	SB	DL	11		
32.7	NB	DL	47	2	2
32.9	NB	PL	11		
33.0	NB	PL	47	2	2
33.1	SB	PL	4		
33.2	NB	DL	47	2	2
33.3	NB	PL	387	10	10
33.4	SB	DL	11		
33.5	SB	DL	469	12	12
33.5	SB	PL	23		
33.6	NB	DL	23		
33.8	NB	PL	47	2	2
34.0	NB	DL	11		
34.0	SB	DL	4		
34.1	NB	DL	23		
34.1	SB	PL	23		
34.2	NB	DL	281	8	8
34.4	SB	DL	11		

PAVEMENT MARKING SCHEDULE					
Location			THERMOPLASTIC PAVEMENT MARKING LINE, 4"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
34.7	NB	DL	70	2	2
34.7	SB	PL	12		
34.9	SB	DL	141	4	4
35.0	NB	PL	6		
35.1	SB	DL	6		
35.2	NB	DL	47	2	2
35.3	SB	PL	16		
35.4	SB	DL	23		
35.5	NB	DL	11		
35.6	NB	PL	94	3	3
35.7	NB	DL	6		
35.9	NB	DL	11		
35.9	SB	DL	23		
35.9	SB	PL	328	9	9
36.1	SB	PL	94	3	3
36.2	SB	DL	6		
36.3	SB	DL	23		
36.6	NB	DL	11		
36.7	NB	DL	16		
36.7	SB	PL	47	2	2
36.9	NB	PL	6		
37.1	NB	DL	820	21	21
37.2	SB	PL	94	3	3
37.3	NB	PL	11		
37.5	SB	DL	4		
37.6	NB	DL	23		
37.7	NB	DL	6		
37.8	NB	PL	12		
37.8	SB	DL	188	5	5
37.9	SB	DL	11		
38.0	NB	DL	70	2	2
38.0	SB	DL	6		
38.1	NB	PL	891	23	23
38.3	NB	PL	11		
38.3	SB	PL	12		
38.4	SB	DL	47	2	2
38.6	NB	DL	6		
38.7	SB	PL	23		
38.8	NB	PL	281	8	8
38.8	SB	PL	11		
39.0	NB	DL	23		
39.0	NB	PL	4		
TOTALS			19343	507	507

FILE NAME = $FILEL$

USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

DESIGNED - ___
DRAWN - ___
CHECKED - ___
DATE - _____

REVISED - ___ _____
REVISED - ___ _____
REVISED - ___ _____
REVISED - ___ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	10
		CONTRACT NO. 76C94		
	ILLINOIS FED. AID PROJECT			

SAWCUT AND REINFORCEMENT SCHEDULE							
LOCATION			SAWCUTS	TIE BARS	DOWEL BARS	PAVEMENT FABRIC	PATCHING REINFORCEMENT
MILE MARKER	DIRECTION	LANE	FT	EACH	EACH	SQ YD	SQ YD
19.0	NB	DL	66		20	13	
19.0	NB	PL	45		20	4	
19.0	SB	PL	90	20	20	24	
19.1	NB	DL	66		20	13	
19.2	NB	DL	90	20	20	24	
19.2	SB	DL	45		20	4	
19.4	NB	PL	90	20	20	24	
19.4	SB	DL	111		40	17	
19.5	SB	DL	90	20	20	24	
19.5	SB	PL	66		20	13	
19.7	SB	PL	135	20	40	28	
19.9	NB	DL	66		20	13	
20.0	NB	DL	90	20	20	24	
20.1	NB	DL	66		20	13	
20.2	NB	PL	45		20	4	
20.5	SB	DL	45		20	4	
33.1	SB	PL	57				4
33.3	NB	PL	78				13
33.6	NB	DL	102	20			24
34.0	SB	DL	57				4
34.1	NB	DL	102	20			24
34.7	SB	PL	78				13
35.3	SB	PL	135				17
35.4	SB	DL	102	20			24
35.9	SB	DL	102	20			24
36.7	NB	DL	135				17
37.5	SB	DL	57				4
37.6	NB	DL	102	20			24
37.8	NB	PL	78				13
38.3	SB	PL	78				13
38.7	SB	PL	102	20			24
39.0	NB	PL	57				4
TOTALS			2627	240	360	248	248

FILE NAME = $FILEL$

USER NAME = $USER$ | PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$

DESIGNED - ___ | DRAWN - ___ | CHECKED - ___ | DATE - _____

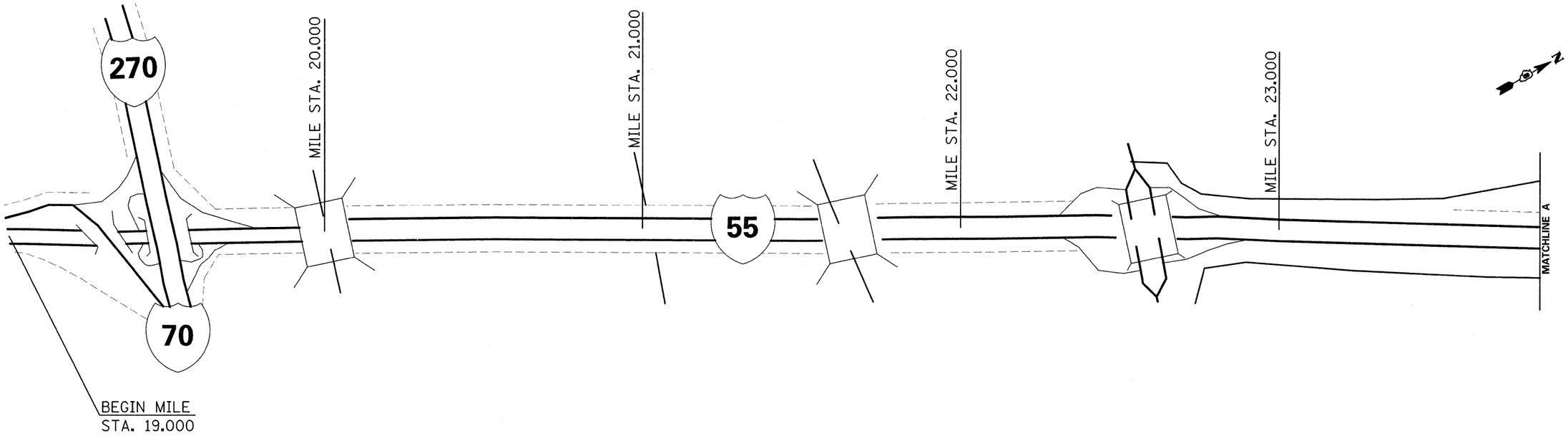
REVISED - ___ _____ | REVISED - ___ _____ | REVISED - ___ _____ | REVISED - ___ _____

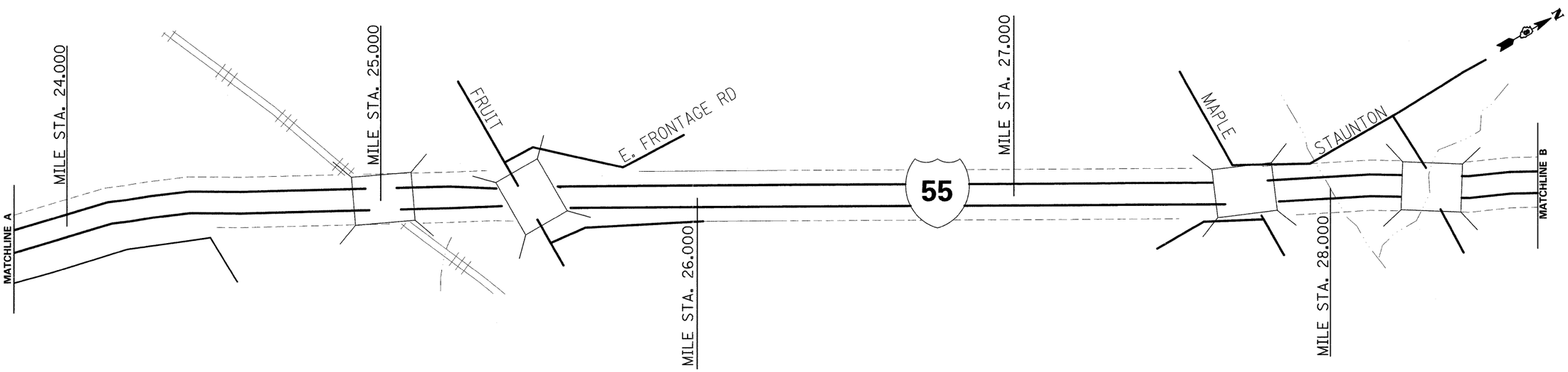
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

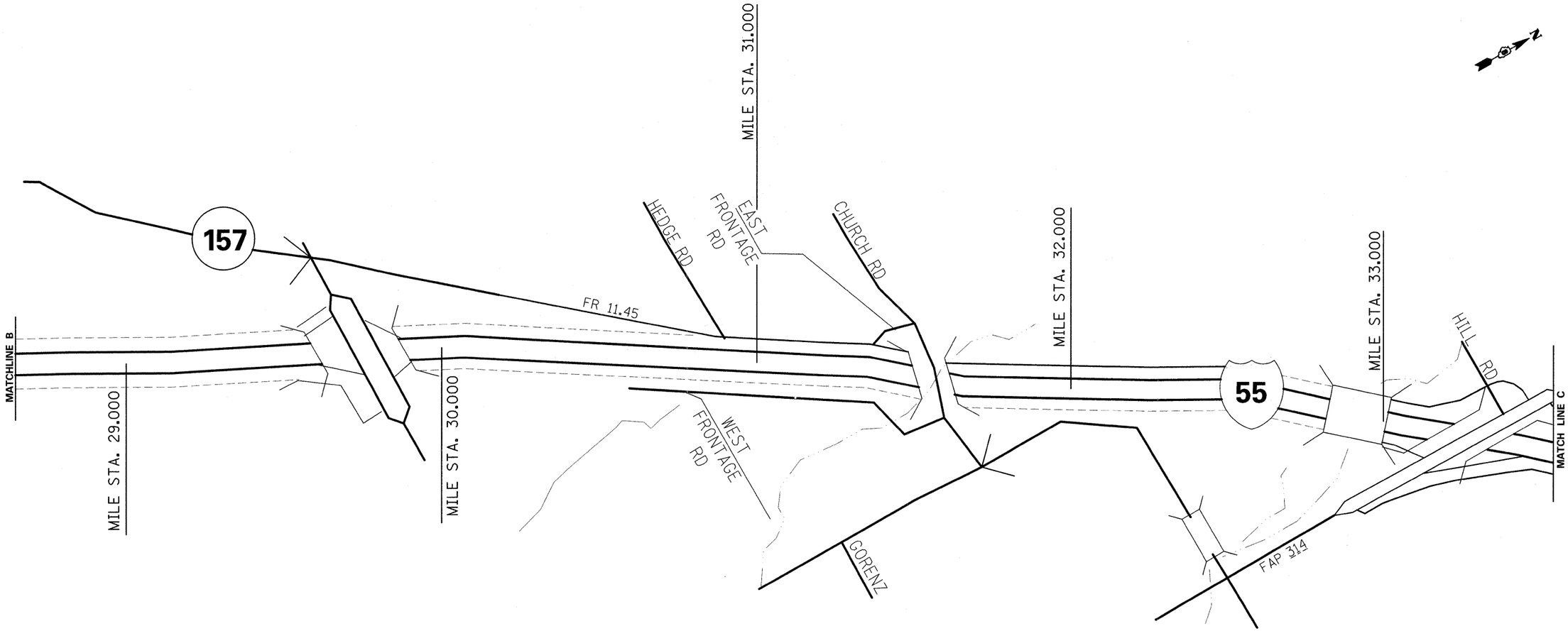
SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	11
		CONTRACT NO. 76C94		
	ILLINOIS FED. AID PROJECT			

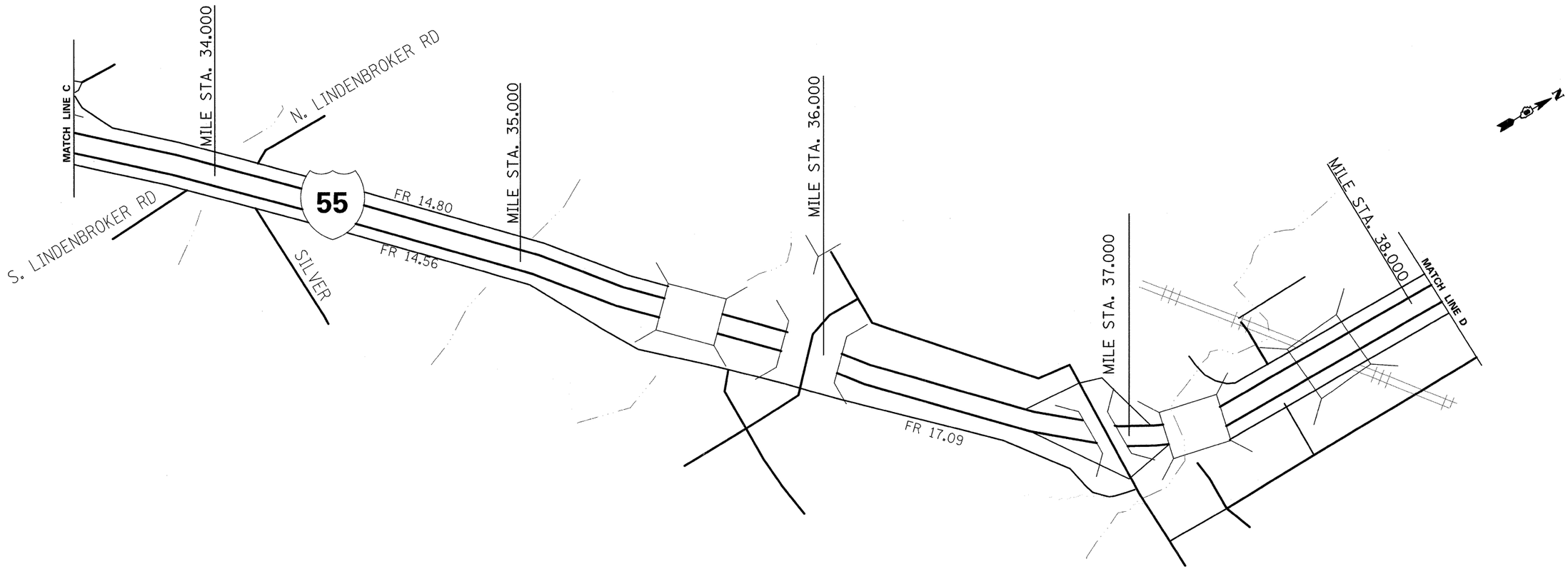


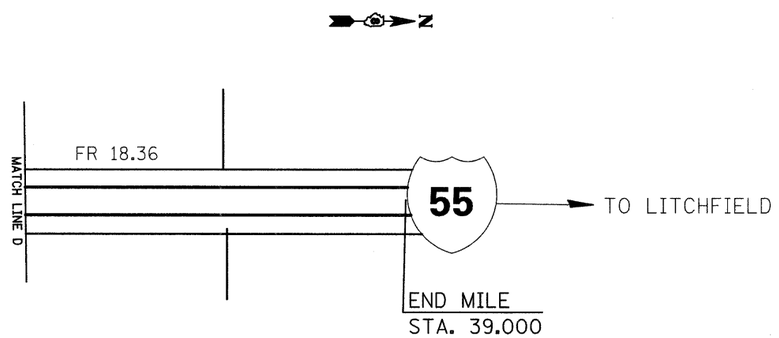


FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ---	REVISED - ---	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PLAN VIEW**	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---			55	60-(1,2,3)I-1	MADISON	14	12
	PLOT SCALE = $SCALE$	CHECKED - ---	REVISED - ---					CONTRACT NO. 76C94		
	PLOT DATE = $DATE$	DATE - ---------	REVISED - ---		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ___	REVISED - ___	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PLAN VIEW**	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ___	REVISED - ___			55	60-(1,2,3)I-1	MADISON	14	13
	PLOT SCALE = $SCALE$	CHECKED - ___	REVISED - ___						CONTRACT NO. 76C94	
	PLOT DATE = $DATE$	DATE - _____	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		





FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = $SCALE$	CHECKED - ___	REVISED - ___
	PLOT DATE = $DATE$	DATE - _____	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2,3)I-1	MADISON	14	14
		CONTRACT NO. 76C94		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		