

11-08-13 LETTING ITEM 042

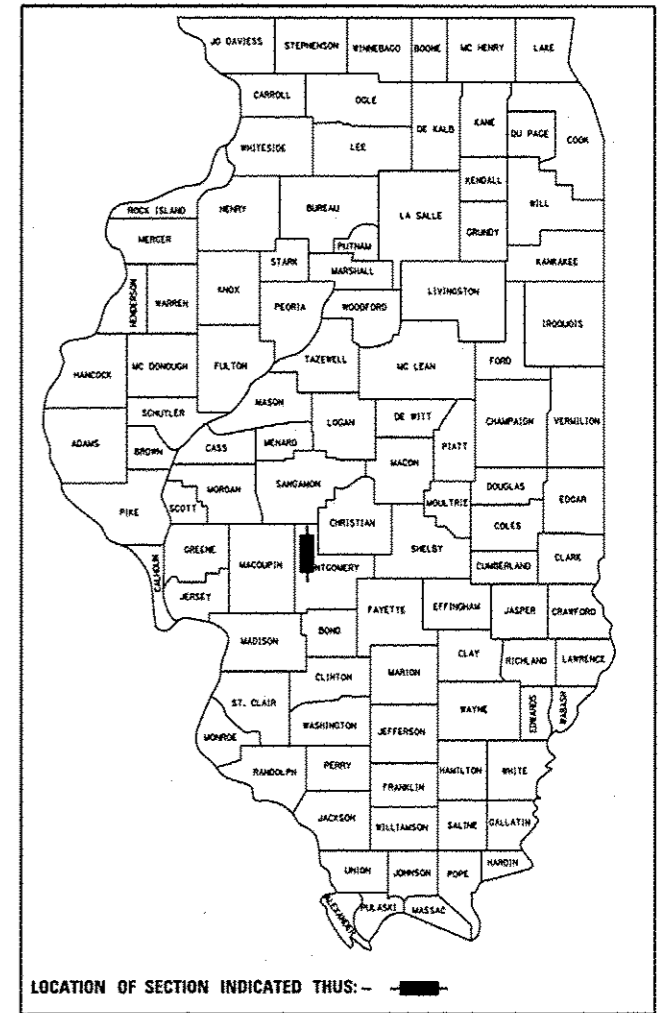
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED**  
**CONTRACT MAINTENANCE**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

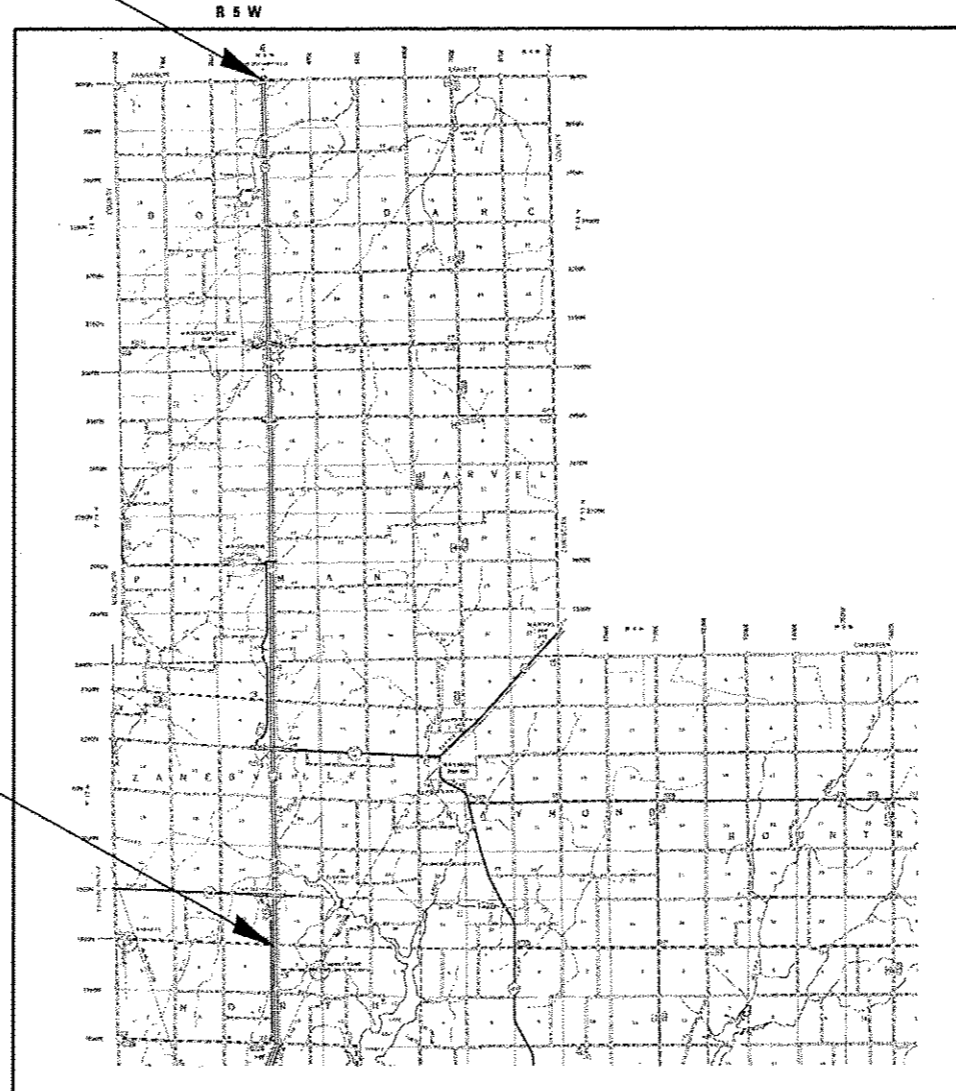
FAI 55 (I-55)  
 SECTION D6 PATCHING MONT. CO. 2014  
 PROJECT PAVEMENT PATCHING  
 TYPE of IMPROVEMENT  
 MONTGOMERY COUNTY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCH MONT. CO. 2014	MONTGOMERY	6	1
ILLINOIS			CONTRACT: 72G28	

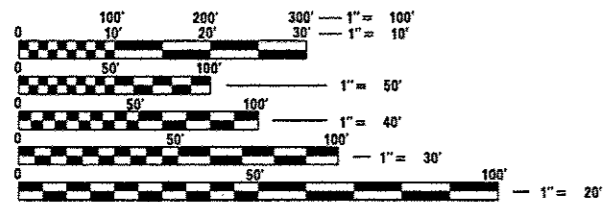
D-96-064-13



END PROJECT C-96-064-13



ADT: 16,600 (2011)  
 HCV: 1,775  
 SU: 375700  
 MU: 1,400



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

PLAN AND CONTRACT TECHNICIAN  
 TIMOTHY SHARP (217) 782-7743

CONTRACT NO. 72G28

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED Aug 28 2013  
Reza Z. Pinsky  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 4 2013  
John D. Baranzoni, PE  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

October 4 2013  
Omer Osman, PE  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

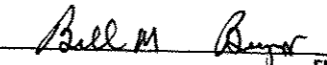
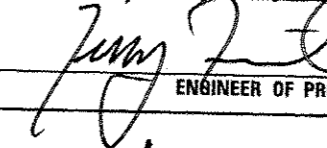

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 OF THE STATE OF ILLINOIS

**INDEX**

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX, STANDARDS, SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTIONS

**STANDARDS**

STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIP RAMP, FOR SPEEDS >45 MPH
701901-02	TRAFFIC CONTROL DEVICES

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	8/28 2013
 ENGINEER OF OPERATIONS	
EXAMINED	AUGUST 16 2013
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	AUGUST 16 2013
 ENGINEER OF PROGRAM DEVELOPMENT	

CONSTR. CODE

100% STATE

ROADWAY

0005

S. N.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	S. N.
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SO YD	213.3	213.3
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SO YD	96	96
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SO YD	125.4	125.4
44213000	PATCHING REINFORCEMENT	SO YD	434.7	434.7
44213200	SAW CUTS	FOOT	2,332	2,332
44213204	TIE BARS 3/4"	EACH	29	29
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	10
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SO YD	150	150

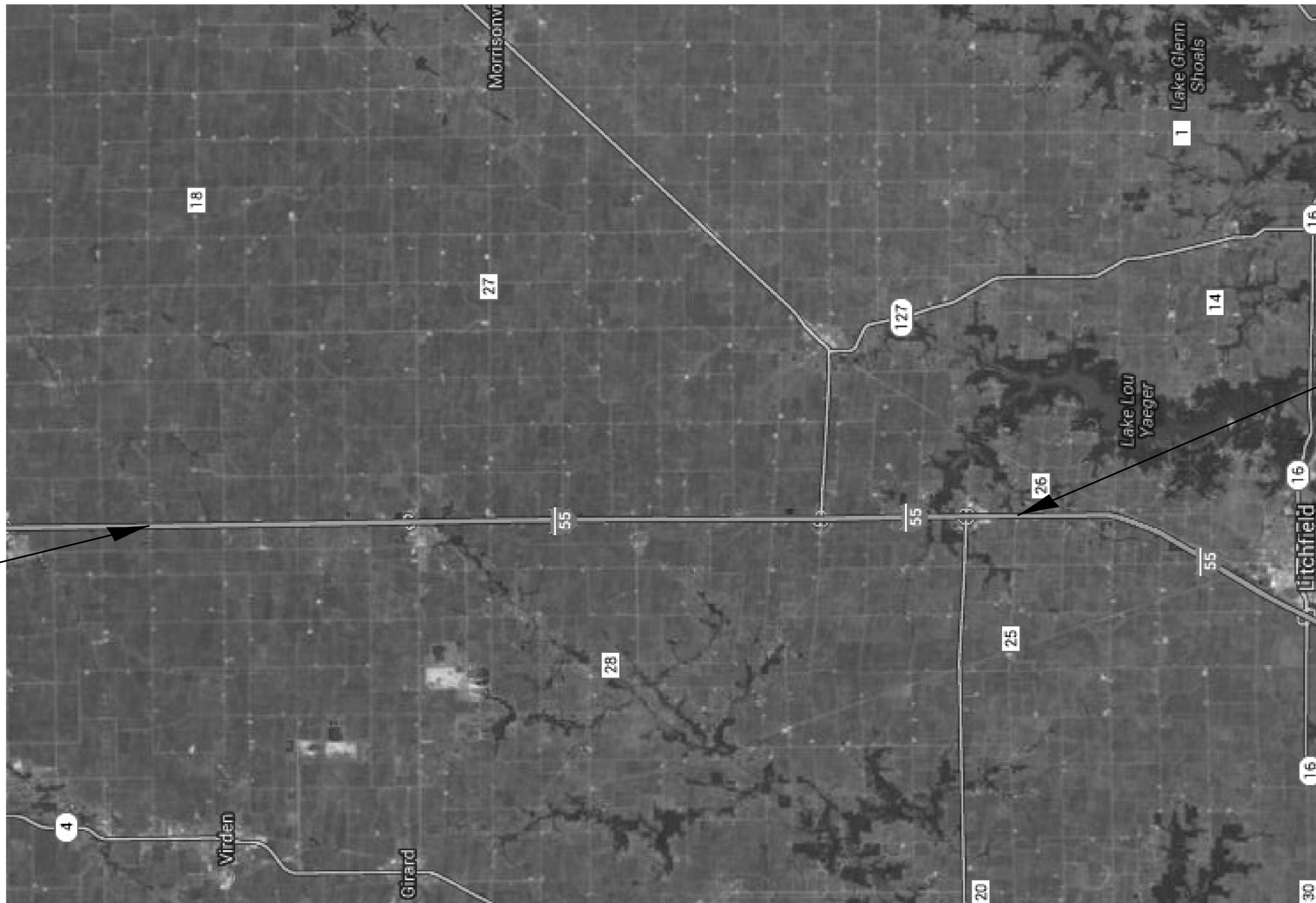
### PATCHING SCHEDULE

LOCATION	CLASS A PATCHES					CLASS A PATCHES			SAW	TIE	PATCH
						13 IN	13 IN	13 IN	CUTS	BARS	REINF.
	PASS.	CENT.	DRIV.	WIDTH	SQ YD	TY II	TY III	TY IV	FOOT	EACH	SQ YD
NORTHBOUND I-55											
STA 1585+50			20.0	12.0	26.7			26.7	88.0		26.7
STA 1520+67			6.0	12.0	8.0	8.0			60.0		8.0
STA 1443+61			6.0	12.0	8.0	8.0			60.0		8.0
STA 1436+08			6.0	12.0	8.0	8.0			60.0		8.0
STA 1432+85			6.0	12.0	8.0	8.0			60.0		8.0
STA 1424+71			6.0	12.0	8.0	8.0			60.0		8.0
STA 1422+85			6.0	12.0	8.0	8.0			60.0		8.0
STA 1419+64			6.0	12.0	8.0	8.0			60.0		8.0
STA 1417+90	6.0			12.0	8.0	8.0			60.0		8.0
STA 1411+74			24.0	12.0	32.0			32.0	96.0	13	32.0
STA 1411+21			30.0	12.0	40.0			40.0	108.0	16	40.0
STA 1410+41			6.0	12.0	8.0	8.0			60.0		8.0
STA 1394+37	12.0			12.0	16.0		16.0		72.0		16.0
STA 1391+25			6.0	12.0	8.0	8.0			60.0		8.0
STA 1380+51	12.0			12.0	16.0		16.0		72.0		16.0
STA 1368+82			12.0	12.0	16.0		16.0		72.0		16.0
STA 1230+26	12.0			12.0	16.0		16.0		72.0		16.0
STA 1218+36			10.0	12.0	13.3	13.3			68.0		13.3
STA 1162+50			10.0	12.0	13.3	13.3			68.0		13.3
STA 1132+36			12.0	12.0	16.0		16.0		72.0		16.0
STA 853+32	6.0			12.0	8.0	8.0			60.0		8.0
<b>N.B. TOTALS</b>					<b>293.3</b>	<b>114.6</b>	<b>80.0</b>	<b>98.7</b>	<b>1448.0</b>	<b>29.0</b>	<b>293.3</b>
SOUTHBOUND I-55											
STA 755+24			12.0	12.0	16.0		16.0		72.0		16.0
STA 888+91	6.0			12.0	8.0	8.0			60.0		8.0
STA 902+38			6.0	12.0	8.0	8.0			60.0		8.0
STA 967+12			6.0	12.0	8.0	8.0			60.0		8.0
STA 1007+43			6.0	12.0	8.0	8.0			60.0		8.0
STA 1091+71	6.0			12.0	8.0	8.0			60.0		8.0
STA 1342+12			6.0	12.0	8.0	8.0			60.0		8.0
STA 1359+29			8.0	12.0	10.7	10.7			64.0		10.7
STA 1373+86			6.0	12.0	8.0	8.0			60.0		8.0
STA 1403+04			6.0	12.0	8.0	8.0			60.0		8.0
STA 1407+75			6.0	12.0	8.0	8.0			60.0		8.0
STA 1430+30			6.0	12.0	8.0	8.0			60.0		8.0
STA 1458+55	20.0			12.0	26.7			26.7	88.0		26.7
STA 1492+17			6.0	12.0	8.0	8.0			60.0		8.0
<b>N.B. TOTALS</b>					<b>141.3</b>	<b>98.7</b>	<b>16.0</b>	<b>26.7</b>	<b>884.0</b>	<b>0.0</b>	<b>141.3</b>
<b>TOTALS</b>					<b>434.7</b>	<b>213.3</b>	<b>96.0</b>	<b>125.4</b>	<b>2332.0</b>	<b>29.0</b>	<b>434.7</b>

### MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS  
ARE APPLICABLE FOR THIS PROJECT

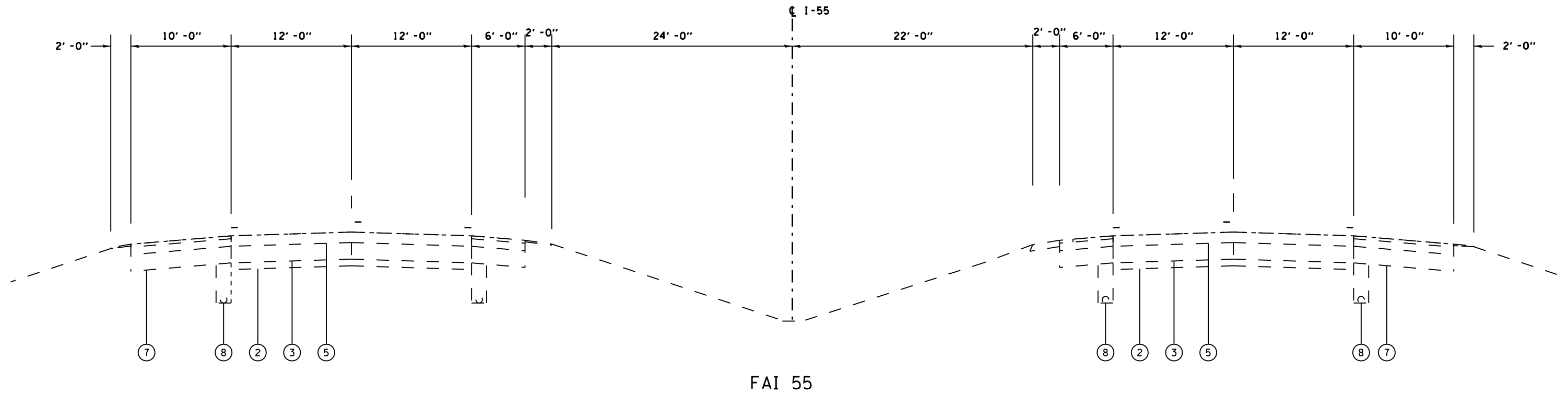
MIXTURE USE(S)	H.M.A. SHOULDER REM & REPL SURF	H.M.A. SHOULDER REM & REPL LOWER LIFTS
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMP	IL 9.5	IL 19.0
FRICITION AGG	MIX "C"	N/A



END PROJECT

BEGIN PROJECT

FILE NAME : *FILEL*	USER NAME : *USER*	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROJECT LOCATION</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : *SCALE*	DRAWN - DMS	REVISED - _____		55	D6 PATCH MONT. CO. 2014	MONTGOMERY	6	5				
*MODELNAME*	PLOT DATE : *DATE*	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____				<b>CONTRACT NO. 72G28</b>				
	DATE - 5-21-2013	REVISED - _____	REVISED - _____		ILLINOIS FED. AID PROJECT								



LEGEND

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX PCC PAVEMENT 9"
- ④ EX SRPCC PAVEMENT 8"
- ⑤ EX HOT -MIX ASPHALT SURFACE COURSE (VARIABLE THICKNESS)
- ⑥ EX AGGREGAE SHOULDERS
- ⑦ EX HOT-MIX ASPHALT SHOULDERS
- ⑧ EX PIPE UNDERDRAIN

FILE NAME :	USER NAME : #USER#	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE : #SCALE#	DRAWN - _____	REVISED - _____			55	D6 PATCH MONT. CO. 2014	MONTGOMERY	6	6
#MODELNAME#	PLOT DATE : #DATE#	CHECKED - _____	REVISED - _____			CONTRACT NO. 72G28			ILLINOIS FED. AID PROJECT	
		DATE - _____	REVISED - _____			SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____