

047

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
CONTRACT MAINTENANCE**

FAI 55 (I-55)
SECTION (68-2) CJS-1 (68-3) CJS
CENTERLINE MICRO-SURFACING
MONTGOMERY COUNTY

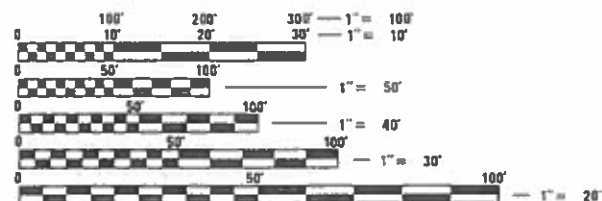
C-96-044-19

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	168-2) CJS-1 (68-3) CJS	MONTGOMERY	6	1
ILLINOIS				CONTRACT: 72L11

FOR INDEX OF SHEETS, SEE SHEET NO. 2



ADT: 15,900
HCV: 5,450
SU: 1,850
MU: 3,700

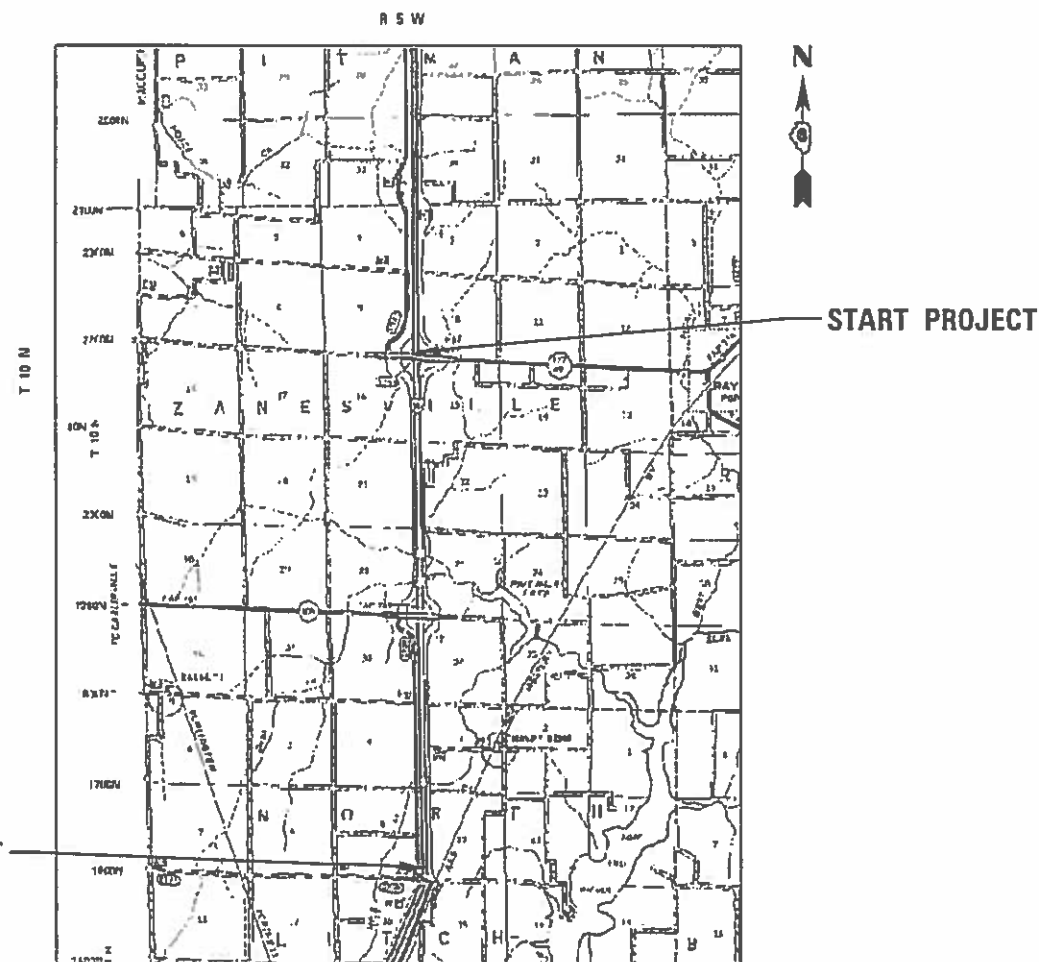


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 72L11



GROSS LENGTH: 32,160.25 FT = 6.09 MI
NET LENGTH: 32,160.25 FT = 6.09 MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 5 February 2019

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22, 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX

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


STANDARDS


STANDARD NO.	DESCRIPTION
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-12	LANE CLOSURE, FREEWAY/EXPRESSWAY-DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APP RAISED REFLECTIVE PAVEMENT MARKERS


NOTES

1. PROPOSED SHORT-TERM PAVEMENT MARKING SHALL BE PAINT - TAPE WILL NOT BE ALLOWED.
2. THE PROPOSED MOD URETHANE PAVEMENT MARKING SHALL BE PLACED DIRECTLY OVER THE PROPOSED SHORT-TERM PAVEMENT MARKING.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED 5 February 20 19

 ENGINEER OF OPERATIONS

EXAMINED 5 February 20 19

 ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED January 29 20 19

 ENGINEER OF PROGRAM DEVELOPMENT

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE QUANTITIES

MICROSURFACING, SINGLE PASS	20 LBS/SQ YD
BITUMINOUS MATERIAL - TACK COAT	0.025 LBS/SQ FT
RAISED REFLECTIVE PAVEMENT MARKERS	2 EACH PER 80 FT

0-01625-6109
 100% STATE
 MONTGOMERY
 ROADWAY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
40400121	MICRO-SURFACING, SINGLE PASS, MIXTURE D	SQ YD	18358	18358
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4957	4957
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	9	9
67100100	MOBILIZATION	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6609	6609
* 78009005	MODIFIED URETHANE PAVEMENT MARKING, TYPE II, LINE 5"	FOOT	16523	16523
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1652	1652
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1652	1652

* SPECIALTY ITEM

MAINLINE									
LOCATION STA. TO STA.		LENGTH	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	SHORT-TERM PAVEMENT MARKING 4' EVERY 40'	MOD URETHANE PAVEMENT MARKING TYPE II, 5" *	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	MICRO- SURFACING SINGLE PASS TYPE II MIXTURE D	BITUMINOUS MATERIALS (TACK COAT)
		FT	TONS	FT	FT	EACH	EACH	SQ YD	POUNDS
NORTHBOUND									
1812+60.08	1801+09.17	1150.91	0.2	115	288	29	29	320	86
STA EQN 1801+09.17=1801+09.34									
1801+09.34	1491+00.00	31009.34	4.3	3101	7752	775	775	8614	2326
SOUTH EXIT RAMP IL 48		295	0.0	30	74	7	7	82	22
NORTH EXIT RAMP IL 108		295	0.0	30	74	7	7	82	22
SOUTH EXIT RAMP IL 108		295	0.0	30	74	7	7	82	22
SOUTHBOUND									
1812+60.08	1801+09.17	1151	0.2	115	288	29	29	320	86
STA EQN 1801+09.17=1801+09.34									
1801+09.34	1491+00.00	31009.34	4.3	3101	7752	775	775	8614	2326
SOUTH EXIT RAMP IL 48		295	0.0	30	74	7	7	82	22
NORTH EXIT RAMP IL 108		295	0.0	30	74	7	7	82	22
SOUTH EXIT RAMP IL 108		295	0.0	30	74	7	7	82	22
TOTAL		66091	9	6609	16523	1652	1652	18358	4957

* 10' every 40' over short term



STA 1491+00.00

STA EQN
 $1801+09.17BK = 1801+09.34AH$

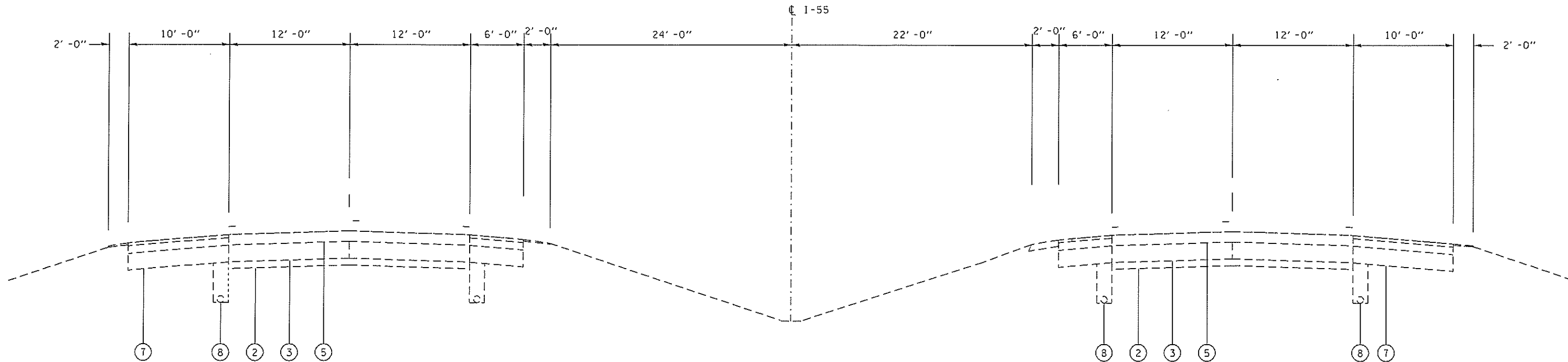
STA 1812+60.08

FILE NAME =	USER NAME = nicholson1	DESIGNED -	REVISED -
S:\CONTRACT\MONT_CAD\72L11 - MONTGOMERY COUNTY - CENTERLINE JOINT PLANS\72L11-shr-5-plans\DRAW\centerline.dgn	DMS	CHECKED -	REVISED -
Default	PLOT DATE = 2/5/2019	DATE - 5-21-2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROJECT LOCATION	
SCALE: _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-2) CJS-1 (68-3) CJS	MONTGOMERY	6	5
CONTRACT NO. 72L11				
ILLINOIS FED. AID PROJECT				



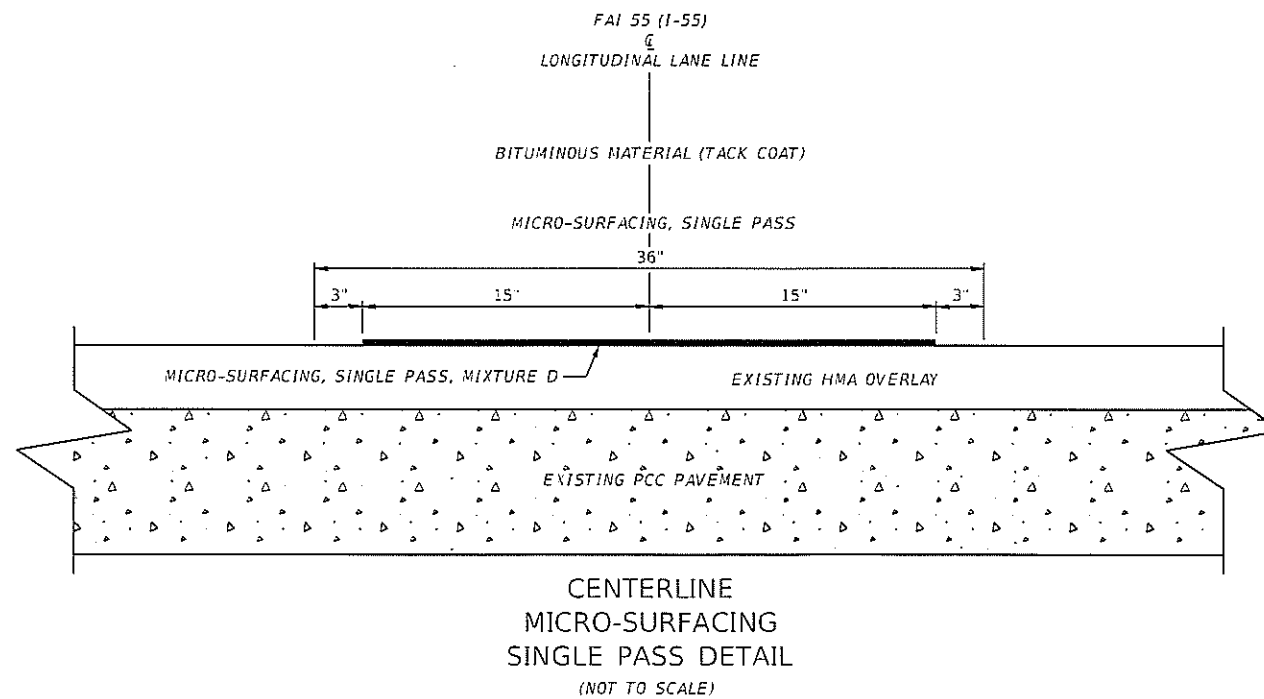
FAI 55

LEGEND

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX PCC PAVEMENT 9"
- ④ EX CRPCC 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

MICRO-SURFACING NOTES:

BITUMINOUS MATERIALS (TACK COAT) SHALL BE THREE (3) INCHES WIDER ON EACH SIDE OF THE MICRO-SURFACING.
 CLEAN JOINT AND PATCH SMALL DETERIORATED AREAS AND RAISED PAVEMENT MARKER REMOVAL AREAS WITH "MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS" PRIOR TO BITUMINOUS MATERIALS (TACK COAT) AND MICRO-SURFACING.



NOTES:

1. JOINTS SHALL BE CLEANED OF LOOSE AND UNSOUND MATERIAL AND PATCHED WITH MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS PRIOR TO MICROSURFACING

FILE NAME =	USER NAME = nicholsonj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CONTRACTS\CAD\72L11 - MONTGOMERY COUNTY - CENTERLINE JOINTS\PLANS\72L11-ht-5-tp	DRAWN -	REVISED -	55			(68-2) CJS-1 (68-3) CJS	MONTGDMERY	6	6	
Default	PLOT SCALE = 60.0000 / in.	CHECKED -	REVISED -			CONTRACT NO. 72L11		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/5/2019	DATE -	REVISED -			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____		