01-17-2020 LETTING ITEM 104

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(110,111)PP-1	RANDOLPH	15	1
		ILLINOIS	CONTRACT NO. 76M71	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

D-98-085-19

LOCATION OF SECTION INDICATED THUS:-

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 312/861A (IL 3 / IL 150)
SECTION (110,111)PP-1
PATCHING
RANDOLPH COUNTY

C-98-104-19

TRAFFIC DATA

LOCATION	IL 3
2019 ADT	3400 (ACTUAL)
2040 ADT	3950 (ESTIMATED)
MU%	22.1
SU%	6.5

LOCATION	IL 150
2019 ADT	7750 (ACTUAL)
2040 ADT	9000 (ESTIMATED)
MU%	22.5
SU%	1.4

LOCATION	IL 4 /IL 150
2019 ADT	4700 (ACTUAL)
2040 ADT	5400 (ESTIMATED)
MU%	16.1
SU%	10.2

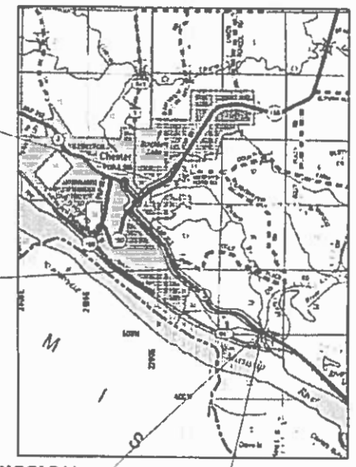
FUNCTIONAL CLASSIFICATION: OTHER ARTERIAL

PROJECT LOCATION 3
FROM THE EAST CITY
LIMITS OF STEELEVILLE
(38° 1'5.82"N, 89°36'18.57"W)
TO THE PERRY CO LINE
(38° 1'21.04"N, 89°35'37.58"W)

PROJECT LOCATION 2
IL 150 FROM IL 3
(37°54'43.54"N, 89°49'24.36"W)
TO MURPHYSBORO ROAD
(37°55'14.84"N, 89°48'37.09"W)

PROJECT LOCATION 1
IL 3 FROM MARY'S RIVER
(37°53'0.95"N, 89°46'58.29"W)
TO 100 FEET NORTH
OF JEFFERSON STREET
(37°55'3.39"N, 89°49'31.15"W)

NOT TO SCALE



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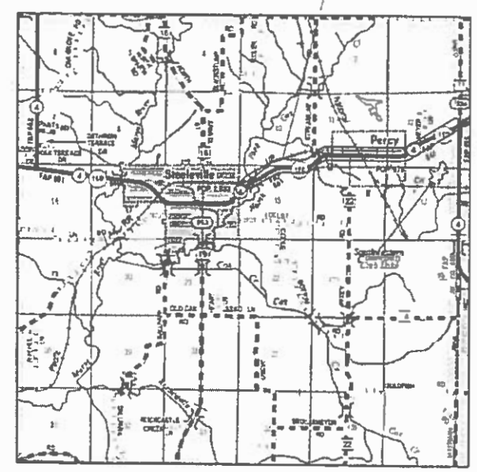

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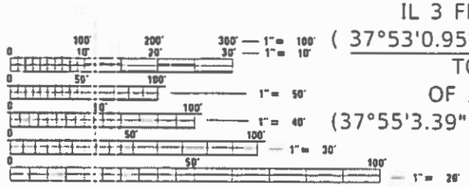

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

RAILROAD OMISSION:
DOT/AAR 430973M, 50 FT

BRIDGE OMISSION:
S.N. 079-0011, 363.3 FT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-25 20 19
R Roberts
REGIONAL ENGINEER

Dec 16 20 19
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 16 20 19
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
DESIGNER: THOMAS HERVE GELIN (618) 346-3179

GROSS LENGTH = 39600 FT. = 7.50 MILE
NET LENGTH = 39175.35 FT. = 7.42 MILE

CONTRACT NO. 76M71

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. - MS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-09	CLASS B PATCHES
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W SHORT TERM OPERATIONS
701336-07	LANE CLOSURE, 2L, 2W WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701606-10	URBAN SINGLE LANE CLOSURE, MAULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WIDTH MOUNTABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT, THE STATIONING, TOPOGRAPHY AND QUANTITIES SHOWN ON THESE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

3. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

4. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.

5. HIGH EARLY STRENGTH CONCRETE FOR PAVEMENT PATCHING WILL BE ALLOWED.

6. THE CONTRACTOR SHALL EXERCISE CAUTION TO NOT DAMAGE DETECTOR LOOPS OR LEAD-IN WIRES. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

7. PARTIAL DEPTH PATCHES SHOULD BE CONSTRUCTED IN TWO LIFTS.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

ROUTE	FAP 312/861A (IL 3/150)
SECTION	(110,111)PP-1
COUNTIES	RANDOLPH
CONTRACT	76M71

DESCRIPTION	IL 150 FROM IL 3 TO THE PERRY COUNTY LINE. IL 3 FROM IL 150 TO JACKSON COUNTY LINE

ADT (CONSTRUCTION YR):	7500
MU%	11.5
SU%	5.3
20 YR. ESAL'S:	6.88

	PATCHING	
MIXTURE USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 9.5
FRICTION AGG	MIXTURE "B"	MIXTURE "D"
QUALITY MGMT PROGRAM	QC/QA	QC/QA

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

CODE NO.	ITEM	UNIT	100% STATE TOTAL QUANTITY	CONSTR. CODE ROADWAY 0001 RURAL
20200100	EARTH EXCAVATION	CU YD	441	441
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2645	2645
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2645	2645
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6261	6261
42000060	WELDED WIRE REINFORCEMENT	SQ YD	2645	2645
44201299	DOWEL BARS 1 1/2"	EACH	2839	2839
44213200	SAW CUTS	FOOT	9080	9080
44213204	TIE BARS 3/4"	EACH	1086	1086
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	8263	8263

CODE NO.	ITEM	UNIT	100% STATE TOTAL QUANTITY	CONSTR. CODE ROADWAY 0001 RURAL
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	45	45
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	40	40
X1700008	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	840	840
X1700030	CLASS B PATCHES, TYPE III, 12 INCH, (SPECIAL)	SQ YD	357	357
X4406030	PARTIAL DEPTH REMOVAL, TYPE I, 3"	SQ YD	15	15
X4406230	PARTIAL DEPTH REMOVAL, TYPE II, 3"	SQ YD	460	460
X4406430	PARTIAL DEPTH REMOVAL, TYPE III, 3"	SQ YD	370	370
X4406630	PARTIAL DEPTH REMOVAL, TYPE IV, 3"	SQ YD	547	547
X4421000	PARTIAL DEPTH PATCHING	TON	234	234
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
X4421021	CLASS B PATCHES, TYPE IV, 12 INCH, SPECIAL	SQ YD	1608	1608

Ø 0042

* SPECIALTY ITEM

REV. - MS

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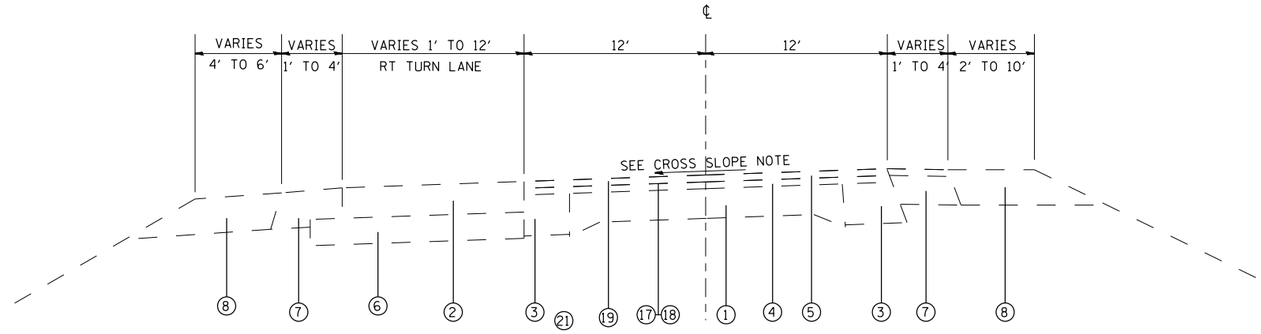
PLOT DATE = 11/21/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

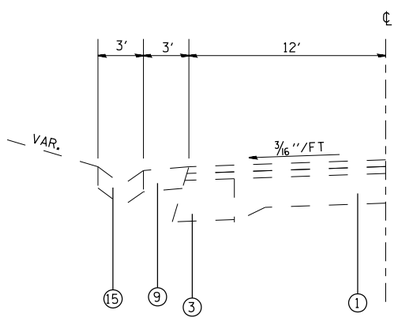
SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/861A	(110,111)PP-1	RANDOLPH	15	3
		CONTRACT NO. 76M71		
		ILLINOIS	FED. AID PROJECT	

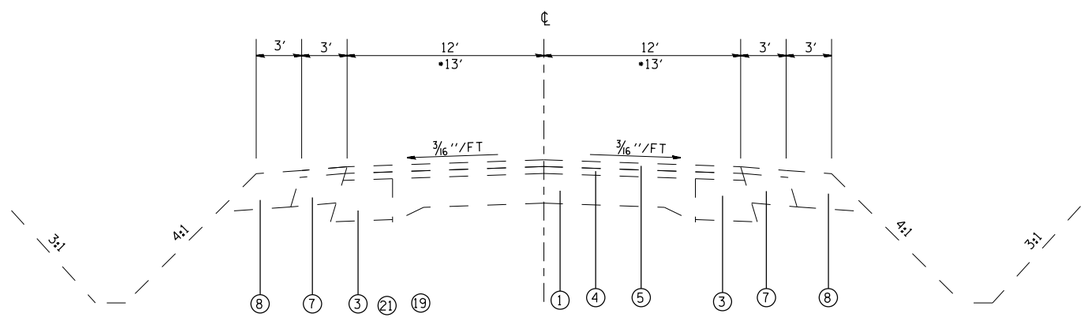


CROSS SLOPE NOTE
SUPERED SECTION: STA. 661+00.00 TO STA. 669+68.60 - 0.0026 ''/FT & VARIES
TANGENT SECTION: STA. 669+68.60 TO STA. 673+00.00 - 3/16 ''/FT & VARIES

STA. 661+00.00 TO STA. 673+00.00



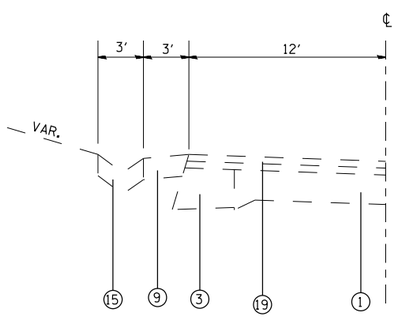
STA. 760+05.00 TO STA. 761+22.00



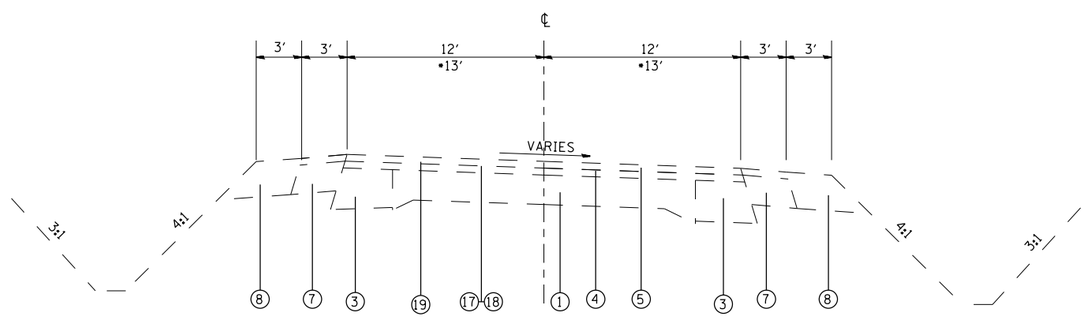
STA. 673+00.00 TO STA. 689+99.00
•STA. 701+94.00 TO STA. 702+21.00
STA. 772+68.00 TO STA. 774+38.00
STA. 785+96.00 TO STA. 796+68.00
STA. 808+05.00 TO STA. 808+61.00

LEGEND

1. EXISTING PAVEMENT (9-6-9)
1A. EXISTING HOT-MIX ASPHALT BASE COURSE, 9''
2. EXISTING PCC PAVEMENT 8''
3. EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
4. EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
5. EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½''
6. EXISTING GRANULAR SUBBASE
7. EXISTING HOT-MIX ASPHALT SHOULDERS, 8''
8. EXISTING AGGREGATE SHOULDER, 8''
9. EXISTING HOT-MIX ASPHALT SHOULDERS, 6''
10. EXISTING AGGREGATE SHOULDER, 6''
11. EXISTING HOT-MIX ASPHALT SHOULDERS
12. EXISTING AGGREGATE SHOULDER TYPE B
13. EXISTING HOT-MIX ASPHALT BINDER,
14. EXISTING CURB AND GUTTER
15. EXISTING TYPE A GUTTER
16. EXISTING TYPE B GUTTER
17. EXISTING CONCRETE CURB TYPE B



STA. 761+22.00 TO STA. 763+00.00



STA. 689+99.00 TO STA. 701+94.00
STA. 702+21.00 TO STA. 703+81.20
•STA. 703+81.20 TO STA. 707+99.00
STA. 760+15.00 TO STA. 772+68.00
STA. 774+38.00 TO STA. 785+96.00
STA. 796+68.00 TO STA. 808+05.00

FILE NAME =	USER NAME = jeffersonts	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS – IL 150	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
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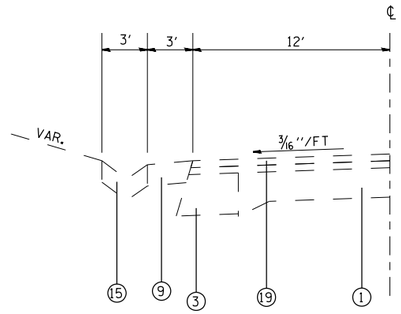
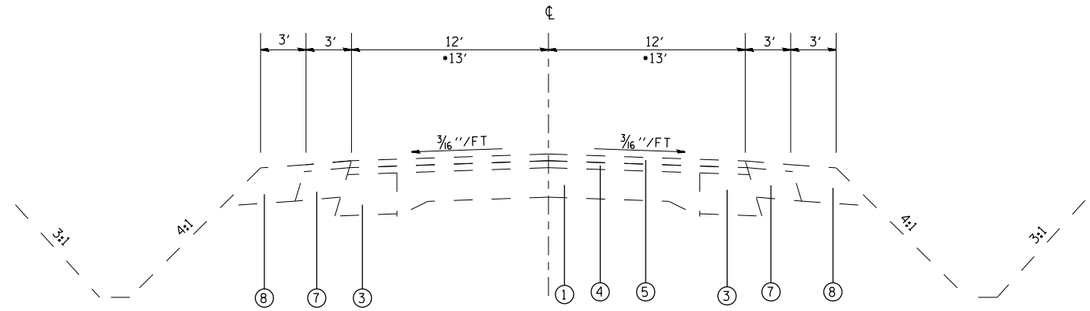
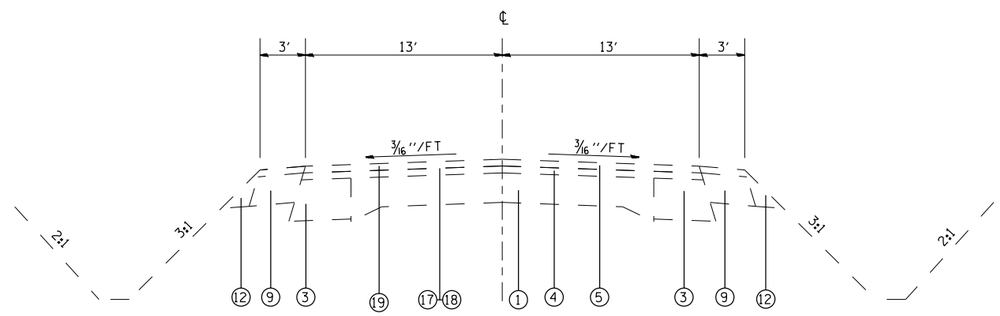


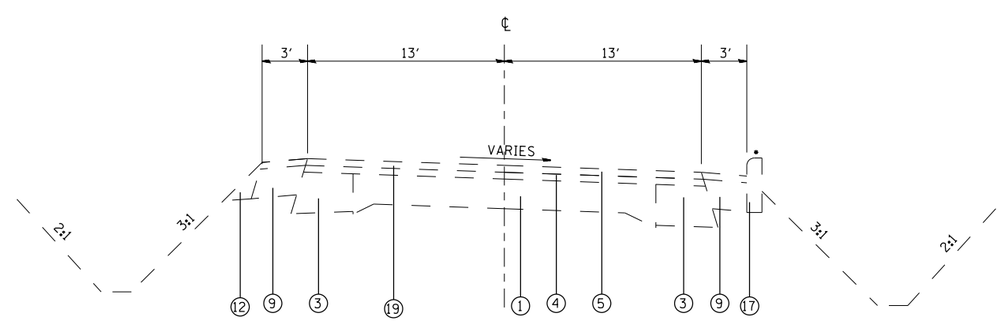
STA. 760+05.00 TO STA. 761+22.00



STA. 673+00.00 TO STA. 689+99.00
•STA. 701+94.00 TO STA. 702+21.00
STA. 772+68.00 TO STA. 774+38.00
STA. 785+96.00 TO STA. 796+68.00
STA. 808+05.00 TO STA. 808+61.00



STA. 837+33.00 TO STA. 842+25.00
STA. 851+51.00 TO STA. 852+58.00



STA. 828+18.00 TO STA. 837+33.00
STA. 842+25.00 TO STA. 851+51.00
•STA. 849+15.00 TO STA. 851+15.00

LEGEND

1. EXISTING PAVEMENT (9-6-9)
1A. EXISTING HOT-MIX ASPHALT BASE COURSE, 9″
2. EXISTING PCC PAVEMENT 8″
3. EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
4. EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
5. EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½″
6. EXISTING GRANULAR SUBBASE
7. EXISTING HOT-MIX ASPHALT SHOULDERS, 8″
8. EXISTING AGGREGATE SHOULDER, 8″
9. EXISTING HOT-MIX ASPHALT SHOULDERS, 6″
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13. EXISTING HOT-MIX ASPHALT BINDER,
14. EXISTING CURB AND GUTTER
15. EXISTING TYPE A GUTTER
16. EXISTING TYPE B GUTTER
17. EXISTING CONCRETE CURB TYPE B

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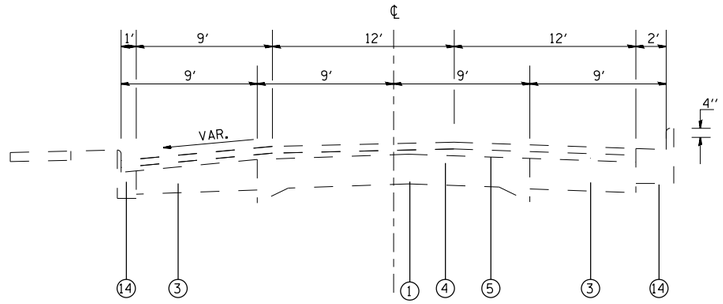
PLOT DATE = 10/25/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

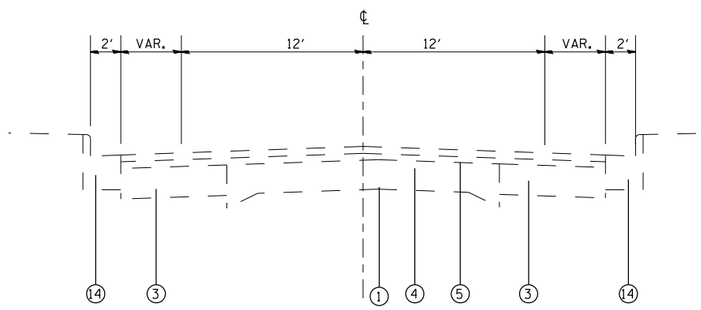
TYPICAL SECTIONS – IL 150

SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

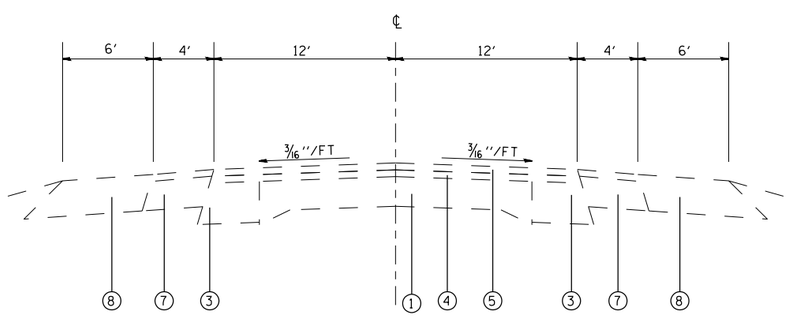
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/861A	(110,111)PP-1	RANDOLPH	15	5
		CONTRACT NO. 76M71		
		ILLINOIS	FED. AID PROJECT	



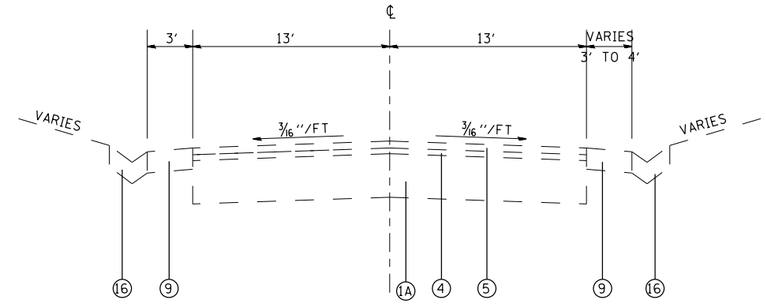
STA. 707+99.00 TO STA. 714+73.00
STA. 714+73.00 TO STA. 738+60.00
STA. 743+00.00 TO STA. 759+43.00



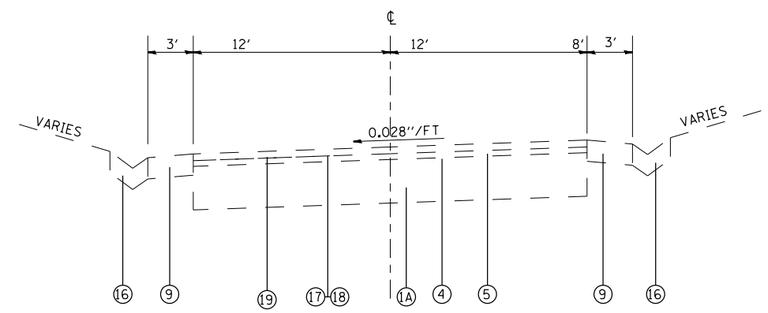
STA. 738+60.00 TO STA. 739+57.00
STA. 739+57.50 TO STA. 743+00.00
STA. 759+43.00 TO STA. 760+15.00



STA. 808+61.00 TO STA. 822+25.00



STA. 825+18.00 TO STA. 825+75.00



STA. 825+75.00 TO STA. 828+18.00

LEGEND

1. EXISTING PAVEMENT (9-6-9)
1A. EXISTING HOT-MIX ASPHALT BASE COURSE, 9''
2. EXISTING PCC PAVEMENT 8''
3. EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
4. EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
5. EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½''
6. EXISTING GRANULAR SUBBASE
7. EXISTING HOT-MIX ASPHALT SHOULDERS, 8''
8. EXISTING AGGREGATE SHOULDER, 8''
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13. EXISTING HOT-MIX ASPHALT BINDER,
14. EXISTING CURB AND GUTTER
15. EXISTING TYPE A GUTTER
16. EXISTING TYPE B GUTTER
17. EXISTING CONCRETE CURB TYPE B

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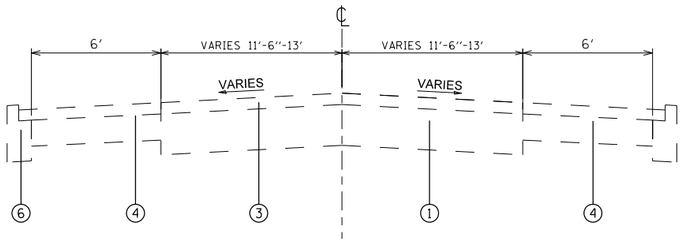
PLOT DATE = 10/25/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS – IL 150

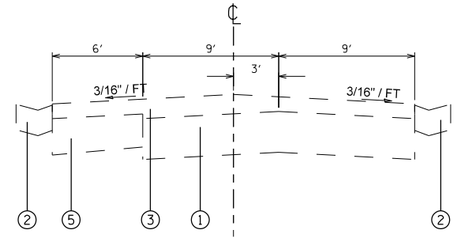
SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/861A	(110,111)PP-1	RANDOLPH	15	6
		CONTRACT NO. 76M71		
	ILLINOIS	FED. AID PROJECT		



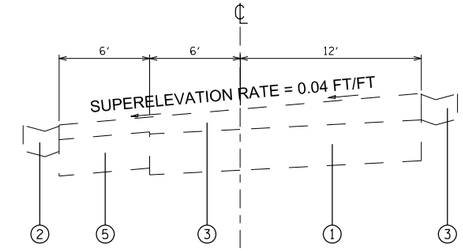
IL 3/IL 150 TYPICAL SECTION

M.S. 0.00 TO M.S. 0.30



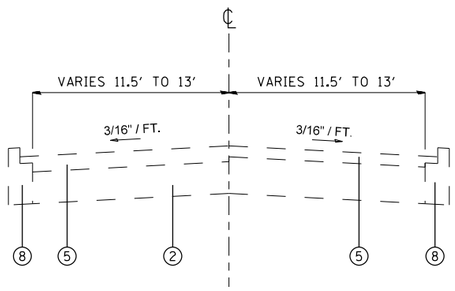
IL 3 TANGENT SECTION

M.S. 0.68 (CROSBY ST.) TO M.S. 0.74

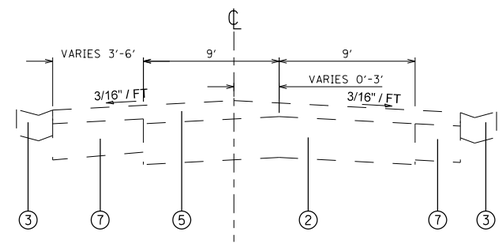


IL 3 SUPERELEVATION SECTION

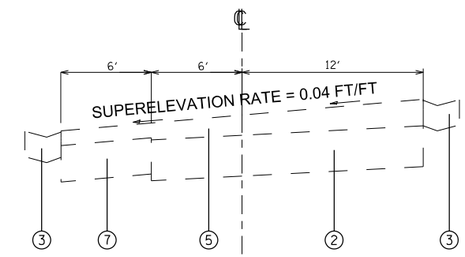
M.S. 1.00 TO M.S. 1.12



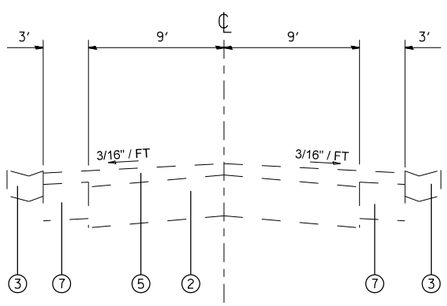
IL 3 TANGENT SECTION
M.P. 0.00 TO M.P. 0.30
(IL 150 TO FREDERICK ST.)



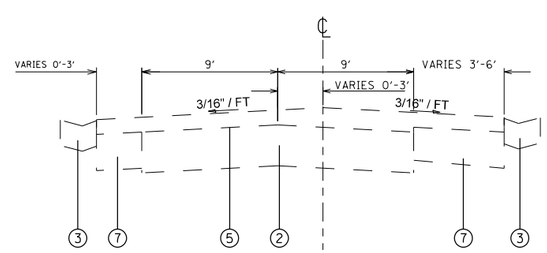
IL 3 TANGENT SECTION
M.P. 0.44 TO M.P. 0.49



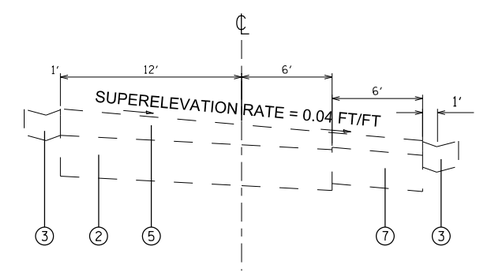
IL 3 SUPERELEVATION SECTION
M.P. 0.70 TO M.P. 0.92



IL 3 TANGENT SECTION
M.P. 0.30 TO M.P. 0.38
(FREDERICK ST. TO CROSBY ST.)



IL 3 TANGENT SECTION
M.P. 0.49 TO M.P. 0.53



IL 3 SUPERELEVATION SECTION
M.P. 1.12 TO M.P. 1.17

LEGEND

1 EXISTING LIME MODIFIED SOIL
2 EXISTING PCC PAVEMENT
3 EXISTING CONCRETE GUTTER, TYPE B
4 EXISTING STRIP REFLECTIVE CRACK CONTROL
5 EXISTING HOT-MIX ASPHALT SURFACE, VARIABLE DEPTH
6 EXISTING HOT-MIX ASPHALT SHOULDER
7 EXISTING PCC BASE COURSE WIDENING
8 EXISTING CURB
9 EXISTING AGGREGATE SHOULDER
10 EXISTING SIDEWALK

MODEL: SMODELNAMES
FILE NAME: pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 8\Projects\D876M71\CADData\CADsheets\D876M71-sht-typical.dgn

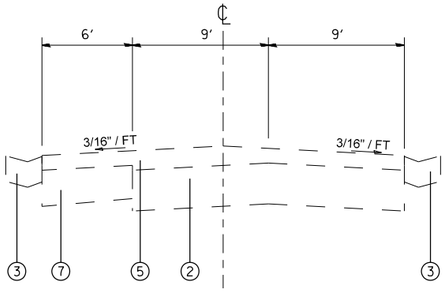
USER NAME = jeffersonts	DESIGNED - _____	REVISED - _____	
	DRAWN - _____	REVISED - _____	
PLOT SCALE = 2.0035 ' / In.	CHECKED - _____	REVISED - _____	
PLOT DATE = 10/25/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

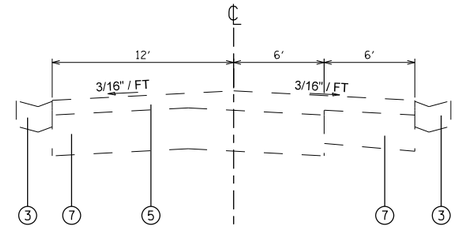
TYPICAL SECTIONS – IL 3

SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

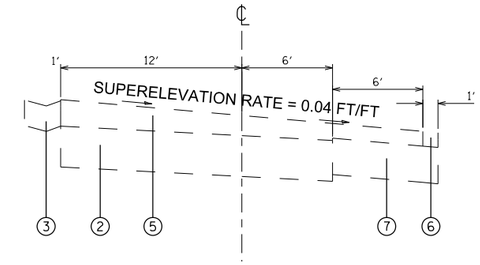
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/861A	(110,111)PP-1	RANDOLPH	15	7
		CONTRACT NO. 76M71		
		ILLINOIS	FED. AID PROJECT	



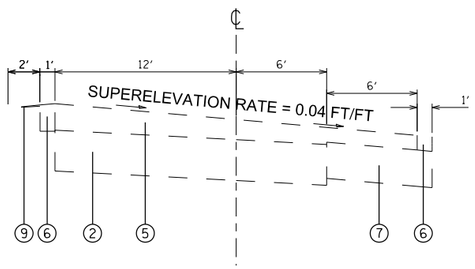
IL 3 TANGENT SECTION
M.P. 0.38 (CROSBY ST.) TO M.P. 0.44



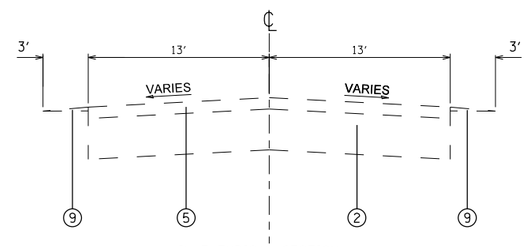
IL 3 TANGENT SECTION
M.P. 0.53 TO M.P. 0.70
M.P. 0.92 TO M.P. 1.12



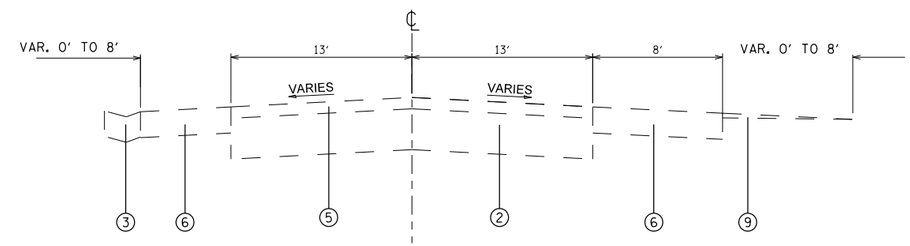
IL 3 SUPERELEVATION SECTION
M.P. 1.17 TO M.P. 1.21



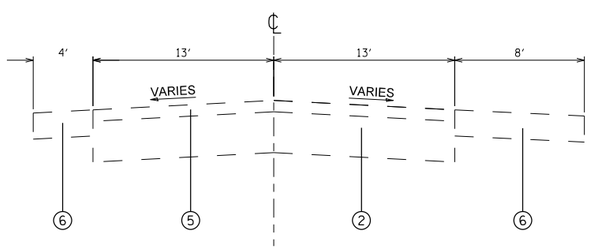
IL 3 SUPERELEVATION SECTION
M.P. 1.21 TO M.P. 1.30 (RIVERVIEW DR.)



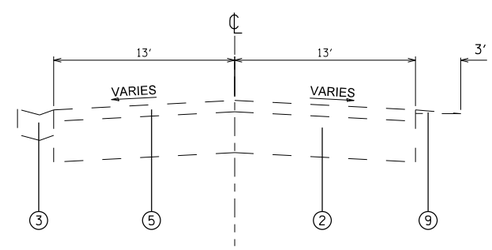
IL 3 TYPICAL SECTION
M.P. 1.51 TO M.P. 1.56
M.P. 1.75 TO M.P. 1.93
M.P. 2.00 TO M.P. 2.07
M.P. 2.15 TO M.P. 2.31



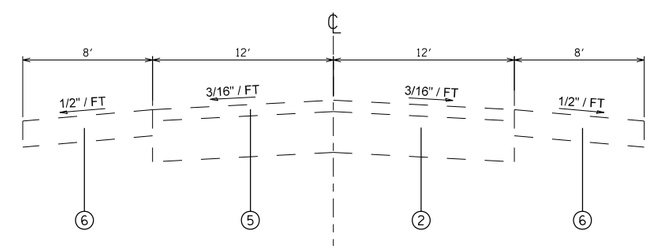
IL 3 TYPICAL SECTION
M.P. 2.83 TO M.P. 2.91



IL 3 TYPICAL SECTION
M.P. 1.30 (RIVERVIEW DR.) TO M.P. 1.40



IL 3 TYPICAL SECTION
M.P. 2.07 TO M.P. 2.15



IL 3 TYPICAL SECTION
M.P. 2.98 TO M.P. 3.00

LEGEND

1 EXISTING LIME MODIFIED SOIL
2 EXISTING PCC PAVEMENT
3 EXISTING CONCRETE GUTTER, TYPE B
4 EXISTING STRIP REFLECTIVE CRACK CONTROL
5 EXISTING HOT-MIX ASPHALT SURFACE, VARIABLE DEPTH
6 EXISTING HOT-MIX ASPHALT SHOULDER
7 EXISTING PCC BASE COURSE WIDENING
8 EXISTING CURB
9 EXISTING AGGREGATE SHOULDER
10 EXISTING SIDEWALK

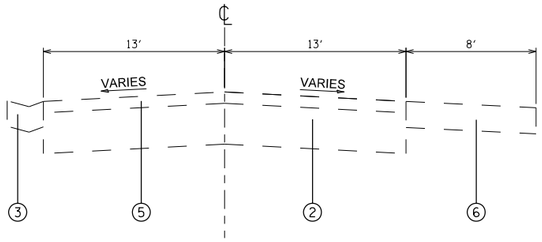
FILE NAME = pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 8\Projects\D876M71\Documents\CABsheets\D876M71-sht-typical.dgn	USER NAME = jeffersonts	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 2.0033 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/25/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

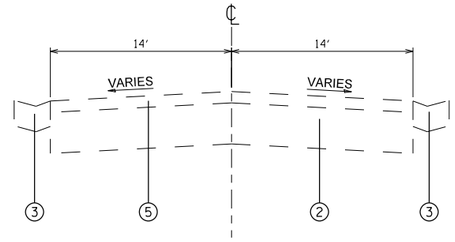
TYPICAL SECTIONS – IL 3

SCALE: _____ | SHEET ___ OF ___ SHEETS | STA. _____ TO STA. _____

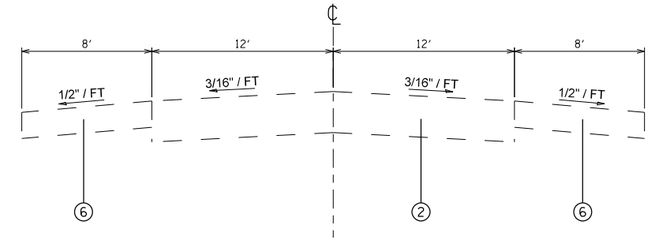
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/861A	(110,111)PP-1	RANDOLPH	15	8
		CONTRACT NO. 76M71		
	ILLINOIS FED. AID PROJECT			



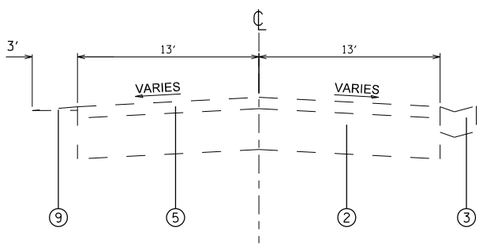
IL 3 TYPICAL SECTION
M.P. 1.40 TO M.P. 1.43



IL 3 TYPICAL SECTION
M.P. 2.31 TO M.P. 2.83



IL 3 TYPICAL SECTION
M.P. 3.00 TO M.P. 3.08



IL 3 TYPICAL SECTION
M.P. 1.43 TO M.P. 1.51
M.P. 1.56 TO M.P. 1.75
M.P. 1.93 TO M.P. 2.00

LEGEND

1 EXISTING LIME MODIFIED SOIL
2 EXISTING PCC PAVEMENT
3 EXISTING CONCRETE GUTTER, TYPE B
4 EXISTING STRIP REFLECTIVE CRACK CONTROL
5 EXISTING HOT-MIX ASPHALT SURFACE, VARIABLE DEPTH
6 EXISTING HOT-MIX ASPHALT SHOULDER
7 EXISTING PCC BASE COURSE WIDENING
8 EXISTING CURB
9 EXISTING AGGREGATE SHOULDER
10 EXISTING SIDEWALK

CILASS B PATCHING SCHEDULE

MILEPOST	DIRECTION	LENGTH	WIDTH	AREA	EARTH EXCAVATION	GEOTECHNICAL FABRIC	SUBBASE GRANULAR MATERIAL, TYPE B 6"	WELDED WIRE REINFORCEMENT	DOWEL BARS, 1-1/2"	SAWS CUTS	TIE BARS, 3/4"	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE III, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE IV, 12 INCH, SPECIAL
		FT	FT	SY	CU YD	SQ YD	SQ YD	SQ YD	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD
IL 3 MARY'S RIVER TO JEFFERSON														
0.02	SB	70	12	93.3	15.6	93.3	93.3	93.3	18	176	70			93.3
0.03	SB	50	12	66.7	11.1	66.7	66.7	66.7	19	136	50			66.7
0.05	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
0.06	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
0.25	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.29	SB	6	12	8.0	1.3	8.0	8.0	8.0	19	48		8.0		
0.34	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.39	SB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
0.43	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.49	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.52	NB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.52	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.53	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
0.59	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.59	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.61	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.62	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.63	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.63	NB	12	12	16.0	2.7	16.0	16.0	16.0	20	60			16.0	
0.65	SB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
0.66	SB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
0.67	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.68	SB	12	12	16.0	2.7	16.0	16.0	16.0	20	60			16.0	
0.69	SB	24	12	32.0	5.3	32.0	32.0	32.0	20	84	24			32.0
0.70	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.74	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.84	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.88	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.88	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.92	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
1.14	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.16	SB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
1.17	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.24	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.25	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.26	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.37	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.40	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.41	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.42	SB	30	12	40.0	6.7	40.0	40.0	40.0	20	96	30			40.0
1.44	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
1.49	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.55	SB	25	12	33.3	5.6	33.3	33.3	33.3	20	86	25			33.3
1.59	SB	30	12	40.0	6.7	40.0	40.0	40.0	20	96	30			40.0
1.75	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.75	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.8	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.81	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
2.56	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
2.58	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
2.61	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
2.76	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
2.81	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
2.83	NB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
3.01	NB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
3.05	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
3.18	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.32	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
3.35	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.40	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.40	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.41	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.42	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.42	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.42	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.43	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.43	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.44	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.44	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.45	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.45	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.48	NB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
3.48	SB	30	12	40.0	6.7	40.0	40.0	40.0	20	96	30			40.0
3.51	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.53	NB	40	12	53.3	8.9	53.3	53.3	53.3	20	116	40			53.3
3.53	SB	40	12	53.3	8.9	53.3	53.3	53.3	20	116	40			53.3
3.54	NB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
3.54	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
3.55	SB	50	12	66.7	11.1	66.7	66.7	66.7	20	136	50			66.7
3.56	NB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
3.56	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
3.58	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.58	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.59	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
3.62	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
SUBTOTALS					199.8	1198.7	1198.7	1198.7	1659.0	4786.0	369.0	554.7	152.0	652.0

CILASS B PATCHING SCHEDULE, CONTINUED														
MILEPOST	DIRECTION	LENGTH	WIDTH	AREA	EARTH EXCAVATION	GEOTECHNICAL FABRIC	SUBBASE GRANULAR MATERIAL, TYPE B 6"	WELDED WIRE REINFORCEMENT	DOWEL BARS, 1-1/2"	SAWS CUTS	TIE BARS, 3/4"	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE III, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE IV, 12 INCH, SPECIAL
		FT	FT	SY	CU YD	SQ YD	SQ YD	SQ YD	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD
IL 150 MURPHYSBORO RD TO IL 3														
0.03	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.03	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.05	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.06	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.08	SB	30	12	40.0	6.7	40.0	40.0	40.0	20	96	30			40.0
0.12	SB	30	12	40.0	6.7	40.0	40.0	40.0	20	96	30			40.0
0.18	SB	50	12	66.7	11.1	66.7	66.7	66.7	20	136	50			66.7
0.19	SB	25	12	33.3	5.6	33.3	33.3	33.3	20	86	25			33.3
0.21	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.24	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.25	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.32	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.35	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.36	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.39	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.53	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.57	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.62	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.63	SB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
0.65	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
0.68	SB	15	12	20.0	3.3	20.0	20.0	20.0	20	66			20.0	
0.69	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
SUBTOTALS					63.1	378.7	378.7	378.7	440.0	1360.0	155.0	152.0	20.0	206.7

CILASS B PATCHING SCHEDULE, CONTINUED

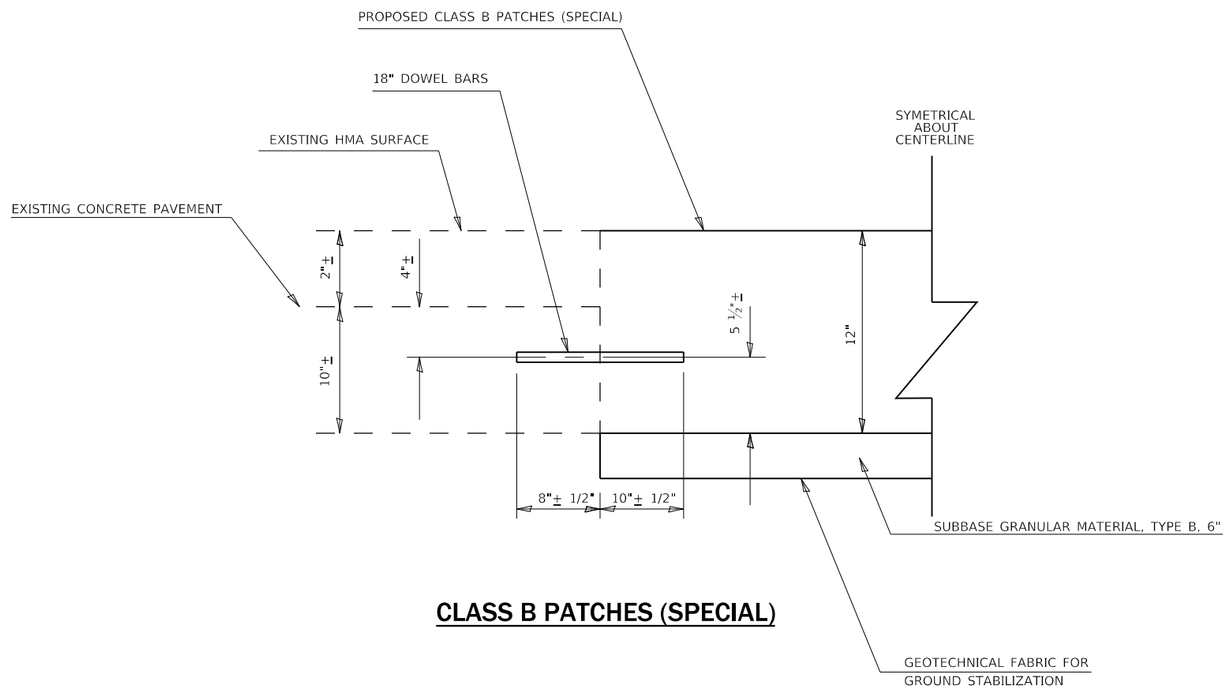
MILEPOST	DIRECTION	LENGTH	WIDTH	AREA	EARTH EXCAVATION	GEOTECHNICAL FABRIC	SUBBASE GRANULAR MATERIAL, TYPE B 6"	WELDED WIRE REINFORCEMENT	DOWEL BARS, 1-1/2"	SAWS CUTS	TIE BARS, 3/4"	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE III, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE IV, 12 INCH, SPECIAL
		FT	FT	SY	CU YD	SQ YD	SQ YD	SQ YD	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD
IL 4/150														
0.15	NB	40	12	53.3	8.9	53.3	53.3	53.3	20	116	40			53.3
0.17	NB	9	12	12.0	2.0	12.0	12.0	12.0	20	54		12.0		
0.18	NB	50	12	66.7	11.1	66.7	66.7	66.7	20	136	50			66.7
0.20	NB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.24	NB	44	12	58.7	9.8	58.7	58.7	58.7	20	124	44			58.7
0.29	NB	16	12	21.3	3.6	21.3	21.3	21.3	20	68			21.3	
0.38	NB	32	12	42.7	7.1	42.7	42.7	42.7	20	100	32			42.7
1.01	NB	14	12	18.7	3.1	18.7	18.7	18.7	20	64			18.7	
1.53	NB	22	12	29.3	4.9	29.3	29.3	29.3	20	80	22			29.3
1.56	NB	12	12	16.0	2.7	16.0	16.0	16.0	20	60			16.0	
1.58	NB	50	12	66.7	11.1	66.7	66.7	66.7	20	136	50			66.7
1.59	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
1.63	NB	80	12	106.7	17.8	106.7	106.7	106.7	20	196	80			106.7
1.69	NB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
1.70	NB	16	12	21.3	3.6	21.3	21.3	21.3	20	68			21.3	
1.76	NB	50	12	66.7	11.1	66.7	66.7	66.7	20	136	50			66.7
1.77	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
1.78	NB	16	12	21.3	3.6	21.3	21.3	21.3	20	68			21.3	
1.79	NB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
1.80	NB	17	12	22.7	3.8	22.7	22.7	22.7	20	70			22.7	
1.81	NB	11	12	14.7	2.4	14.7	14.7	14.7	20	58		14.7		
1.83	NB	22	12	29.3	4.9	29.3	29.3	29.3	20	80	22			29.3
1.84	NB	13	12	17.3	2.9	17.3	17.3	17.3	20	62			17.3	
1.85	NB	17	12	22.7	3.8	22.7	22.7	22.7	20	70			22.7	
2.35	NB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
2.49	NB	38	12	50.7	8.4	50.7	50.7	50.7	20	112	38			50.7
2.55	NB	18	12	24.0	4.0	24.0	24.0	24.0	20	72			24.0	
2.56	NB	10	12	13.3	2.2	13.3	13.3	13.3	20	56		13.3		
2.92	NB	19	12	25.3	4.2	25.3	25.3	25.3	20	74	19			25.3
1.85	SB	24	12	32.0	5.3	32.0	32.0	32.0	20	84	24			32.0
1.65	SB	26	12	34.7	5.8	34.7	34.7	34.7	20	88	26			34.7
1.29	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
1.23	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.99	SB	20	12	26.7	4.4	26.7	26.7	26.7	20	76	20			26.7
0.11	SB	25	12	33.3	5.6	33.3	33.3	33.3	20	86	25			33.3
0.10	SB	8	12	10.7	1.8	10.7	10.7	10.7	20	52		10.7		
0.05	SB	6	12	8.0	1.3	8.0	8.0	8.0	20	48		8.0		
SUBTOTALS					178.0	1068.0	1068.0	1068.0	740.0	2934.0	562.0	133.3	185.3	749.3

CILASS B PATCHING SCHEDULE, TOTAL QUANTITIES

LOCATIONS	LENGTH	WIDTH	AREA	EARTH EXCAVATION	GEOTECHNICAL FABRIC	SUBBASE GRANULAR MATERIAL, TYPE B 6"	WELDED WIRE REINFORCEMENT	DOWEL BARS, 1-1/2"	SAWS CUTS	TIE BARS, 3/4"	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE III, 12 INCH (SPECIAL)	CLASS B PATCHES, TYPE IV, 12 INCH, SPECIAL
	FT	FT	SY	CU YD	SQ YD	SQ YD	SQ YD	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD
IL 3 MARY'S RIVER TO JEFFERSON													
SUBTOTALS				199.8	1198.7	1198.7	1198.7	1659.0	4786.0	369.0	554.7	152.0	652.0
IL 150 MURPHYSBORO RD TO IL 3													
SUBTOTALS				63.1	378.7	378.7	378.7	440.0	1360.0	155.0	152.0	20.0	206.7
IL 4/150													
SUBTOTALS				178.0	1068.0	1068.0	1068.0	740.0	2934.0	562.0	133.3	185.3	749.3
ALL LOCATIONS													
TOTALS				440.9	2645.3	2645.3	2645.3	2839.0	9080.0	1086.0	840.0	357.3	1608.0

PARTIAL DEPTH PATCHING SCHEDULE										
STA.	DIRECTION	LENGTH	WIDTH	AREA	PARTIAL DEPTH REMOVAL, TYPE I, 3"	PARTIAL DEPTH REMOVAL, TYPE II,	PARTIAL DEPTH REMOVAL, TYPE III,	PARTIAL DEPTH REMOVAL, TYPE IV,	BITUMINOUS MATERIALS (TACK	PARTIAL DEPTH PATCHING
		FT	FT	SY	SY	SY	SY	SY	LB	TON
IL 4/150										
0.46	NB	17	12	22.7		22.7			102.0	3.8
0.49	NB	21	12	28.0		28.0			126.0	4.7
0.75	NB	6	12	8.0		8.0			36.0	1.3
1.54	NB	80	6	53.3			53.3		240.0	9.0
1.56	NB	120	6	80.0			80.0		360.0	13.4
1.59	NB	40	6	26.7		26.7			120.0	4.5
1.6	NB	185	6	123.3				123.3	555.0	20.7
1.65	NB	189	6	126.0				126.0	567.0	21.2
1.69	NB	58	6	38.7		38.7			174.0	6.5
1.7	NB	271	6	180.7				180.7	813.0	30.4
1.77	NB	41	12	54.7			54.7		246.0	9.2
1.77	NB	52	6	34.7		34.7			156.0	5.8
1.8	NB	92	6	61.3			61.3		276.0	10.3
1.82	NB	81	6	54.0			54.0		243.0	9.1
2.42	NB	24	12	32.0		32.0			144.0	5.4
2.51	NB	6	12	8.0		8.0			36.0	1.3
2.52	NB	6	12	8.0		8.0			36.0	1.3
2.54	NB	7	12	9.3		9.3			42.0	1.6
3.02	NB	50	12	66.7			66.7		300.0	11.2
3.05	NB	6	8	5.3	5.3				24.0	0.9
3.07	NB	6	12	8.0		8.0			36.0	1.3
0.08	SB	175	6	116.7				116.7	525.0	19.6
0.37	SB	18	12	24.0		24.0			108.0	4.0
0.39	SB	20	12	26.7		26.7			120.0	4.5
1.03	SB	6	12	8.0		8.0			36.0	1.3
1.21	SB	4	12	5.3	5.3				24.0	0.9
1.23	SB	64	6	42.7		42.7			192.0	7.2
1.32	NB	18	12	24.0		24.0			108.0	4.0
1.44	SB	6	6	4.0	4.0				18.0	0.7
2.34	SB	17	12	22.7		22.7			102.0	3.8
2.35	SB	17	12	22.7		22.7			102.0	3.8
2.42	SB	24	12	32.0		32.0			144.0	5.4
2.46	SB	16	12	21.3		21.3			96.0	3.6
3.07	NB	18	6	12.0		12.0			54.0	2.0
TOTAL					14.7	460.0	370.0	546.7	6261.0	233.7

PAVEMENT MARKING SCHEDULE							
LOCATION	PATCH TYPE	LENGTH OF PATCHED AREA	PAINT PAVEMENT MARKING - LINE 4"			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
			YELLOW CENTER LINE	YELLOW SKIP DASH	WHITE EDGE LINE		
		FT	FT	FT	FT	EACH	EACH
IL 3 MARY'S RIVER TO JEFFERSON	CLASS B	1019	1019	255	1019	13	13
IL 150 MURPHYSBORO RD TO IL 3	CLASS B	284	284	60	284	3	3
IL 4/150	CLASS B	801	801	140	801	7	7
IL 4/150	PARTIAL DEPTH	1760	1760	440	1760	22	22
TOTALS			8623			45	45



CLASS B PATCHES (SPECIAL)

MODEL: $MODEL NAMES
FILE NAME: pw:\\pwincom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 8\Projects\D876M71\CADData\CADsheets\D876M71-sht-details.dgn

USER NAME = jeffersonts	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL SHEET FOR CLASS B PATCHES (SPECIAL)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____			312/861A	(110,111)PP-1	RANDOLPH	15	15
PLOT SCALE = 99.7882 ' / in.	CHECKED - _____	REVISED - _____					CONTRACT NO. 76M71		
PLOT DATE = 10/25/2019	DATE - _____	REVISED - _____		SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____		ILLINOIS	FED. AID PROJECT		