

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	1
		ILLINOIS	CONTRACT NO. 76K44	

D-98-066-17



FOR INDEX OF SHEETS, SEE SHEET NO. 2

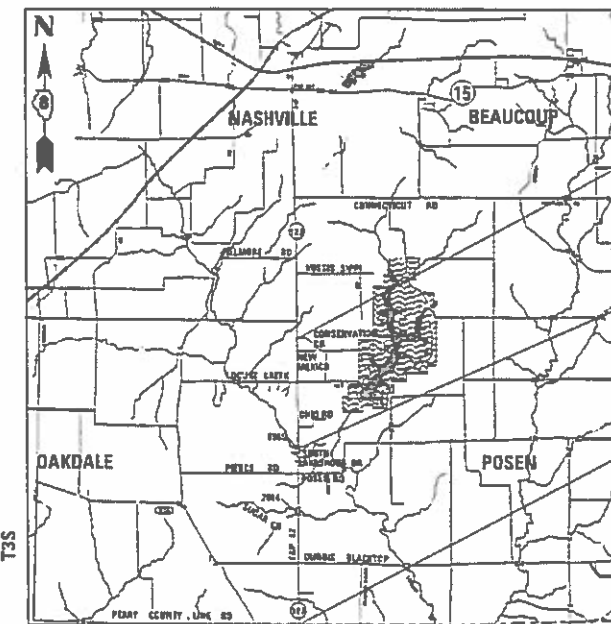
PROPOSED HIGHWAY PLANS

FAP ROUTE 42 (IL 127)
SECTION (9-1,9-2)RS-3
PROJECT NHPP-5E3W(716)
3P - RESURFACING ALONG IL 127 FROM
CONSERVATION LAKE RD TO PERRY CO LINE
WASHINGTON COUNTY

C-98-211-18

TRAFFIC DATA:

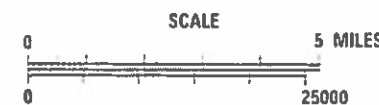
2017 ADT = 5200 (ACT)
2019 ADT = 5300 (EST)
2039 ADT = 6500 (EST)
SU = 3.8%, MU = 7.2%



BEGIN PROJECT MS 0.00
LAT 38.2832
LONG -89.3805

BRIDGE OMISSION
MS 1.78 - 1.82
S.N. 095-0065

END PROJECT MS 4.74
LAT 38.2147
LONG -89.3800



GROSS LENGTH = 25,023 FT. = 4.739 MILE
NET LENGTH = 24,797 FT. = 4.696 MILE



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 TIM PADGETT (618) 346-3325
PROJECT MANAGER PHIL COPPERNOLL (618) 346-3181

CONTRACT NO. 76K44

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 31* 20 *19*
Kath Roberts
REGIONAL ENGINEER

June 14 20 *19*
See [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 14 20 *19*
David P. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

INDEX OF SHEETS

1	COVER SHEET
2	INDEX, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS.
3-4	SUMMARY OF QUANTITIES
5	TYPICALS
6-8	SCHEDULE OF QUANTITIES
9	LOCATION MAP
10	GUARDRAIL DETAILS
11-12	MISCELLANEOUS DETAILS

- ① ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

UTILITY	ABOVE GROUND	BELOW GROUND
•AMEREN ILLINOIS (ELECTRIC&GAS)	X	X
•AT&T ILLINOIS (COMMUNICATIONS)	X	X
•AT&T CORPORATION (COMMUNICATIONS)	X	X
•COUNTRYMARK COOPERATIVE, LLP (PIPELINE)		X
•EGYPTIAN TELEPHONE COOPERATIVE ASSN. (COMM)	X	X
•TRI-COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)		X
•WASHINGTON COUNTY WATER CO. (WATER)		X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)-892-0123 OR 811 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- ② ALL PATCHING (INCLUDING SHOULDER PATCHING) ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.

- ③ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 42 ROUTE IL 127
SECTION	(9-1,9-2)RS-3
COUNTY	WASHINGTON
CONTRACT	76K44

DESCRIPTION	3P RESURFACING ALONG IL 127 FROM CONSERVATION LAKE ROAD TO PERRY COUNTY LINE
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ADT (Construction Yr):	4100
MU%:	7.1
SU%:	7.6
20YR. ESAL'S:	2.73

MIXTURE USE	SURFACE	BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC PROV	SEE SPEC PROV	SEE SPEC PROV
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSTITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	IL 9.5
FRICITION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "D"
QUALITY MGMT PROGRAM	OCP	OCP	QC/QA

MIXTURE USE	SHOULDERS ≥2.25"	SHOULDERS <2.25"	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC PROV	SEE SPEC PROV	SEE SPEC PROV
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSTITION (GRADATION MIXTURE)	IL 19.0L	IL 9.5L	IL 19.0
FRICITION AGG			MIXTURE "B"
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QC/QA

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

- ④ THE PROPOSED PAVEMENT MARKINGS SHALL BE PLACED IN THE SAME LOCATION AS EXISTING OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ⑤ THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS
- ⑥ A QUANTITY OF 24,816 FEET OF LONGITUDINAL JOINT SEALANT HAS BEEN ADDED TO THE PLANS AND SHALL BE APPLIED UNDER THE SURFACE LIFT.
- ⑦ NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- ⑧ IF THE SURFACE REMOVAL ON THIS PROJECT PRODUCES A MILLED EDGE ANYWHERE GREATER THAN 1.5 INCHES OR IT THE PROPOSED RESURFACING RESULTS IN AN ELEVATION DIFFERENCE GREATER THAN 2 INCHES NEAR THE CENTERLINE BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:
 - THE CONTRACTOR SHALL ORGANIZE THE WORK TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
 - THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT MIX ASPHALT WEDGE TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
 - THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPED EDGE (MINIMUM 1:3) TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
- THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL OF THE DEPTH SPECIFIED OR IN THE COST PER TON FOR THE HOT-MIX ASPHALT RESURFACING MIXES SPECIFIED IN THE PLANS.
- ⑨ THE THICKNESS OF THE BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.
- ⑩ CONTRACTOR SHALL BE AWARE OF THE EXISTING PIPE UNDERDRAINS INDICATED ON THE TYPICAL SECTIONS AND SHALL USE CAUTION TO AVOID THIS FEATURE DURING PAVEMENT PATCHING. ANY DAMAGE TO THE PIPE UNDERDRAIN RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ⑪ AN ESTIMATED QUANTITY OF 12,000 TONS OF CUTTINGS FROM HMA REMOVAL IS ANTICIPATED.
- ⑫ MILL DEPTH SHALL BE INCREASED TO 3 3/4" ABOVE EXISTING BOX CULVERT AT MS 2.87 (SN 095-2004).
- ⑬ MTD IS ALLOWED TO OPERATE IN AN EMPTY CONDITION ABOVE ALL STRUCTURES EXCEPT EXISTING BOX CULVERT AT MS 2.87 (SN 095-2004). THE MTD IS PROHIBITED FROM OPERATING ON THE EXISITNG BOX CULVERT AT MS 2.87.

IDOT HIGHWAY STANDARDS

- 000001-07
- 001006
- 420001-09
- 420701-03
- 442101-09
- 630001-12
- 630101-10
- 630301-09
- 631011-10
- 631031-15
- 642001-02
- 667101-02
- 668001-01
- 701006-05
- 701001-02
- 701011-04
- 701201-05
- 701301-04
- 701306-04
- 701311-03
- 701336-07
- 701901-08
- 725001-01
- 780001-05
- 781001-04
- 782006

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES AND COMMITMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	2
CONTRACT NO. 76K44			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

MODEL: Default
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 ILLINOIS.GOV: PWIDOT\Documents\DOT_Offices\District_8\Projects\76K44\CADD\Drawings\CAD\Sheets\76K44-SP-500.dgn

CODE NO.	ITEM	UNIT	80% FED 20% STATE		CONSTR. CODE
			TOTAL QUANTITY	RURAL	ROADWAY
					0005
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8416	8416	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1403	1403	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	26838	26838	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	80514	80514	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	310	310	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	17	17	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	310	310	
X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	FOOT	4689	4689	
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	117	117	
X4811800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	150	150	

CODE NO.	ITEM	UNIT	80% FED 20% STATE		CONSTR. CODE
			TOTAL QUANTITY	RURAL	ROADWAY
					0005
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	75	75	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	26838	26838	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	24816	24816	
Z0034105	MATERIAL TRANSFER DEVICE	TON	14135	14135	
Ø Z0076600	TRAINEES	HOUR	1500	1500	
Z0038115	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1/2"	SQ YD	9992	9992	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500	
40602985	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5 FG, N70	TON	8481	8481	

* SPECIALTY ITEM
 Ø 0042

REV. - MS

USER NAME = coppernalpe	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	4
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE												
LOCATION			GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL 6' POST, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 2	STRONG POST GUARDRAIL	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	GUARDRAIL REFLECTORS, TYPE A, CRYSTAL	TERMINAL MARKERS DIRECT APPLIED	AGGREGATE (SPECIAL)	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL
MS	SN	SIDE	FOOT	FOOT	EACH	EACH	FOOT	FOOT	EACH	EACH	SQ YD	FOOT
0.17	SN 095-2471	RT	260	243.75	1	1	12.5	25	5	1	25	
		LT	185	75.00	2		12.5	25	4	2	50	
0.96	SN 095-2470	RT	340	156.25	2		12.5		4	2	50	
		LT										325.0
1.78	SN 095-0065	NE QUAD										87.5
		SW QUAD										87.5
		NW QUAD										137.5
		SE QUAD										137.5
2.40	SN 095-2469	RT	220	150.00	1	1	12.5	25	4	1	25	
		LT										312.5
2.87	SN 095-2004	RT										325.0
		LT										287.5
3.60	STREAM	RT										225.0
		LT										225.0
TOTAL :			1005	625.00	6	2	50	75	17	6	150	2150

RESURFACING SCHEDULE								
LOCATION			LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIAL (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5 FG, N70, 2 1/4"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"	HMA SURFACE REMOVAL, 2-1/4"	PCC SURFACE REMOVAL, 1/2"
STA	TO	STA	(FOOT)	(POUND)	(TON)	(TON)	(SQYD)	(SQYD)
IL 127								
0.0	TO	1.37	7233.6	13020.5	2430.5	1620.3	19262.9	
1.37	TO	1.78	2164.8	3896.6	727.4	484.9		5559.4
1.78	TO	1.82						
BRIDGE OMISSION								
1.82	TO	2.15	1742.4	3136.3	585.4	390.3		4433.0
2.15	TO	4.74	13675.2	24615.4	4594.9	3063.2	36440.5	
RAW SUBTOTAL :			24816.0	44668.8	8338.2	5558.7	55703.4	9992.4
ROUNDED SUBTOTAL :			24816	44669	8339	5559	55703	9992
SIDE ROADS ADDITION:				761	142	95		
TOTAL :			24816	45430	8481	5654	55703	9992

SEE SIDE ROADS AND ENTRANCE SCHEDULE

SHOULDER SCHEDULE							
LOCATION			RT/LT	AGGREGATE WEDGE SHOULDER (TON)	HMA SHOULDER 3 3/4" (TON)	HMA SURFACE REMOVAL, 1/2" (SQYD)	HMA SURFACE REMOVAL, 2-1/4" (SQYD)
STA	TO	STA					
IL 127							
0.00	TO	1.37	RT/LT	984.5	2700.5		12845.5
1.37	TO	1.78	RT/LT	442.0	1010.2	4632.9	
1.78	TO	1.82					
BRIDGE OMISSION							
1.82	TO	2.15	RT/LT	355.7	813.1	3694.2	
2.15	TO	4.74	RT/LT	1861.2	5105.4		24297.3
RAW SUBTOTAL :				3643.4	9629.2	8327.1	37142.8
ROUNDED SUBTOTAL :				3643	9629	8327	37143
SIDE ROADS SUBTRACTION:					138		
TOTAL :				3643	9491	8327	37143

SEE SIDE ROADS AND ENTRANCE SCHEDULE

EXPANSION JOINT REMOVAL											
STA	SB/NB	W	L	STA	SB/NB	W	L	STA	SB/NB	W	L
IL 127											
1.38	NB	12	0.75	1.65	NB	12	0.75	1.88	SB	12	0.75
1.42	NB	12	0.75	1.66	NB	12	0.75	1.89	SB	12	0.75
1.42	NB	12	0.75	1.67	NB	12	0.75	1.90	SB	12	0.75
1.44	NB	12	0.75	1.68	NB	12	0.75	1.91	SB	12	0.75
1.45	NB	12	0.75	1.69	NB	12	0.75	1.92	SB	12	0.75
1.46	NB	12	0.75	1.69	NB	12	0.75	1.93	SB	12	0.75
1.47	NB	12	0.75	1.70	NB	12	0.75	1.93	SB	12	0.75
1.48	NB	12	0.75	1.71	SB	12	0.75	1.94	SB	12	0.75
1.49	NB	12	0.75	1.71	NB	12	0.75	1.95	SB	12	0.75
1.50	NB	12	0.75	1.72	NB	12	0.75	1.97	SB	12	0.75
1.51	NB	12	0.75	1.73	NB	12	0.75	1.97	NB	12	0.75
1.52	NB	12	0.75	1.74	NB	12	0.75	1.99	SB	12	0.75
11.53	NB	12	0.75	1.75	NB	12	0.75	1.20	SB	12	0.75
1.54	NB	12	0.75	1.75	SB	12	0.75	2.01	SB	12	0.75
1.56	NB	12	0.75	1.76	NB	12	0.75	2.03	SB	12	0.75
1.58	NB	12	0.75	1.76	SB	12	0.75	2.05	SB	12	0.75
1.59	NB	12	0.75	1.82	SB	12	0.75	2.07	SB	12	0.75
1.60	NB	12	0.75	1.83	SB	12	0.75	2.10	NB	12	0.75
1.61	NB	12	0.75	1.84	SB	12	0.75	2.12	NB	12	0.75
1.62	NB	12	0.75	1.85	SB	12	0.75				
1.62	SB	12	0.75	1.86	SB	12	0.75				
1.64	NB	12	0.75	1.87	SB	12	0.75				

NOTE: SEE SPEICAL PROVISIONS

PAVEMENT MARKING SCHEDULE											
LOCATION			THERMOPLASTIC AND TEMPORARY PAVEMENT MARKING				SHORT-TERM PAVEMENT MARKING		SHORT-TERM PAVEMENT MARKING REMOVAL (1 LIFT)	TEMPORARY PAVEMENT MARKING REMOVAL (1 LIFT)	
			SOLID LINE, 4" (WHITE)	SKIP-DASH LINE, 4" (YELLOW)	DBL NO PASS SOLID LINE, 4" (YELLOW)	NB NO PASS SOLID LINE, 4" (YELLOW)	SB NO PASS SOLID LINE, 4" (YELLOW)	WHITE PAVEMENT MARKING (2 LIFTS)			YELLOW PAVEMENT MARKING (2 LIFTS)
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	
IL 127											
0.00	TO	0.13	1384.0	173.0		692.0		110.7	125.8	39.4	749.7
0.13	TO	0.24	1030.0		1100.0			82.4	100.0	30.4	710.0
0.24	TO	0.28	420.0	52.5			210.0	33.6	38.2	12.0	227.5
0.28	TO	0.33	550.0	68.8				44.0	50.0	15.7	206.3
0.33	TO	0.37	500.0	62.5		250.0		40.0	45.5	14.2	270.8
0.37	TO	0.47	1060.0		1060.0			84.8	96.4	30.2	706.7
0.47	TO	0.50	260.0	32.5		130.0		20.8	23.6	7.4	140.8
0.50	TO	0.59	1000.0	125.0				80.0	90.9	28.5	375.0
0.59	TO	0.66	680.0	85.0		340.0		54.4	61.8	19.4	368.3
0.66	TO	0.70	340.0		400.0			27.2	36.4	10.6	246.7
0.70	TO	0.86	1710.0	213.8			855.0	136.8	155.5	48.7	926.3
0.86	TO	1.42	5930.0		5930.0			474.4	539.1	168.9	3953.3
1.42	TO	1.63	2105.0	272.5		1090.0		168.4	198.2	61.1	1155.8
1.63	TO	1.78	1610.0	201.3				128.8	146.4	45.9	603.8
1.78	TO	1.82									
BRIDGE OMISSION											
1.82	TO	1.86	450.0	56.3				36.0	40.9	12.8	168.8
1.86	TO	2.05	1860.0	240.0			960.0	148.8	174.5	53.9	1020.0
2.05	TO	2.58	5470.0		5650.0			437.6	513.6	158.5	3706.7
2.58	TO	2.78	2070.0	258.8		1035.0		165.6	188.2	59.0	1121.3
2.78	TO	2.82	480.0	60.0				38.4	43.6	13.7	180.0
2.82	TO	3.02	2130.0	266.3			1065.0	170.4	193.6	60.7	1153.8
3.02	TO	3.61	6190.0		6190.0			495.2	562.7	176.3	4126.7
3.61	TO	3.81	1840.0	262.5		1050.0		147.2	190.9	56.4	1050.8
3.81	TO	4.74	9780.0	1227.5				782.4	892.7	279.2	3669.2
SUBTOTAL :			48849.0	3658.0	20330.0	4587.0	3090.0	3907.9	4508.5	1402.7	26838.0
TOTAL :						80514		8416		1403	26838

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USER NAME = coppemolpe	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 42	SECTION (9-1,9-2)RS-3	COUNTY WASHINGTON	TOTAL SHEETS 12	SHEET NO. 6
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				

CLASS B PAVEMENT PATCHING 9 INCH SCHEDULE								
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE II	CLASS B PATCH TYPE III	DOWEL BARS 1-1/2"	PAVEMENT FABRIC	SAWCUT
	SB/NB	(FT)	(FT)	(SQ YD)	(SQ YD)	(EACH)	(SQ YD)	(FT)
1.39	NB	6.0	12.0	8.0		20		48.0
1.4	NB	6.0	12.0	8.0		20		48.0
1.41	NB	6.0	12.0	8.0		20		48.0
1.42	NB	6.0	12.0	8.0		20		48.0
1.42	SB	6.0	12.0	8.0		20		48.0
1.43	SB	6.0	12.0	8.0		20		48.0
1.44	SB	6.0	12.0	8.0		20		48.0
1.45	NB	6.0	12.0	8.0		20		48.0
1.47	SB	6.0	12.0	8.0		20		48.0
1.49	SB	6.0	12.0	8.0		20		48.0
1.5	SB	6.0	12.0	8.0		20		48.0
1.51	SB	6.0	12.0	8.0		20		48.0
1.52	SB	6.0	12.0	8.0		20		48.0
1.59	NB	6.0	12.0	8.0		20		48.0
1.65	NB	6.0	12.0	8.0		20		48.0
1.66	SB	6.0	12.0	8.0		20		48.0
1.67	NB	6.0	12.0	8.0		20		48.0
1.72	SB	6.0	12.0	8.0		20		48.0
1.73	SB	6.0	12.0	8.0		20		48.0
1.74	SB	6.0	12.0	8.0		20		48.0
1.74	SB	6.0	12.0	8.0		20		48.0
1.75	NB	6.0	12.0	8.0		20		48.0
1.76	NB	6.0	12.0	8.0		20		48.0
1.83	NB	15.0	12.0		20.0	20	20.0	66.0
1.84	NB	6.0	12.0	8.0		20		48.0
1.85	NB	6.0	12.0	8.0		20		48.0
1.89	NB	6.0	12.0	8.0		20		48.0
1.9	NB	6.0	12.0	8.0		20		48.0
1.91	SB	6.0	12.0	8.0		20		48.0
1.92	NB	6.0	12.0	8.0		20		48.0
1.94	NB	6.0	12.0	8.0		20		48.0
1.95	SB	6.0	12.0	8.0		20		48.0
1.95	NB	6.0	12.0	8.0		20		48.0
1.99	NB	6.0	12.0	8.0		20		48.0
2.00	NB	6.0	12.0	8.0		20		48.0
2.02	SB	6.0	12.0	8.0		20		48.0
2.14	NB	6.0	12.0	8.0		20		48.0
SUBTOTAL :				288.0	20.0	740	20.0	1794.0
ANTICIPATED FAILURES (20%) :				57.6	4.0	148	3.0	358.8
RAW TOTAL :				345.6	24.0	888	23.0	2152.8
ROUNDED TOTAL :				346	24	888	23	2153

PAVEMENT PATCHING 11 INCH SCHEDULE					
LOCATION	LANE	LENGTH	LANE WIDTH	PAVEMENT PATCHING TYPE II	PAVEMENT PATCHING TYPE IV
	(SB/NB)	(FOOT)	(FOOT)	(SQYD)	(SQYD)
IL 127					
0.54	SB	6.0	12.0	8.0	
0.54	NB	6.0	12.0	8.0	
1.04	SB	20.0	12.0		26.7
1.04	NB	20.0	12.0		26.7
2.40	SB SHOULDER	30.0	8.0		26.7
2.40	NB SHOULDER	30.0	8.0		26.7
2.74	SB	6.0	12.0	8.0	
2.84	SB	6.0	12.0	8.0	
2.84	NB	6.0	12.0	8.0	
4.24	SB	4.0	12.0	5.3	
4.24	NB	4.0	12.0	5.3	
4.54	SB	4.0	12.0	5.3	
4.54	NB	8.0	12.0	10.7	
4.63	SB	4.0	12.0	5.3	
4.63	NB	4.0	12.0	5.3	
4.73	SB	6.0	12.0	8.0	
4.73	NB	6.0	12.0	8.0	
SUBTOTAL :				93.2	106.8
ANTICIPATED FAILURES (20%) :				18.7	21.4
RAW TOTAL :				111.9	128.2
ROUNDED TOTAL :				112	128

LONGITUDINAL PATCHING							
LOCATION			LENGTH	WIDTH	LONGITUDINAL PARTIAL DEPTH REMOVAL, 2"	LONGITUDINAL PARTIAL DEPTH PATCHING	
			(FT)	(FT)	(FT)	(TON)	
IL 127							
1.37	TO	1.78	CL	2165	2	2164.8	53.9
1.82	TO	2.15	CL	1742	2	1742.4	43.4
SUBTOTAL :						3907.2	97.3
ANTICIPATED FAILURES (20%) :						781.4	19.5
RAW TOTAL :						4688.6	116.8
ROUNDED TOTAL :						4689	117

SHOULDER RUMBLE STRIPS - 16"			
LOCATION			(FOOT)
IL 127 - SOUTHBOUND			
0.00	TO	1.78	8868.4
1.82	TO	4.74	14797.6
IL 127 - NORTHBOUND			
0.00	TO	1.78	8778.4
1.82	TO	4.74	14492.6
RAW TOTAL :			46937.0
ROUNDED TOTAL :			46937

SURFACE REMOVAL BUTT-JOINT AND TEMPORARY RAMPS						
LOCATION		WIDTH	LENGTH	TEMPORARY RAMPS	HMA SURFACE REMOVAL BUTT-JOINT	PCC SURFACE REMOVAL BUTT-JOINT
STA		(FEET)	(FEET)	(SQ YD)	(SQ YD)	(SQ YD)
IL 127						
0.00	PROJECT START			61.1		
1.78	BRIDGE /MAINLINE	24	65	22.3		173.3
1.78	BRIDGE /SHOULDER	20	65	18.5	144.4	
1.82	BRIDGE /MAINLINE	24	65	22.3		173.3
1.82	BRIDGE /SHOULDER	20	65	18.5	144.4	
4.74	END PROJECT			61.1		
SIDE ROAD ADDITIONS				1216.90	402.0	66.7
RAW TOTAL :				1420.7	690.8	413.3
ROUNDED TOTAL :				1421	691	413

SEE SIDE ROADS AND ENTRANCE SCHEDULE

RAISED PAVEMENT MARKERS					
LOCATION			RAISED REFLECTOR PAVEMENT MARKER TWO-WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER REMOVAL	
STA	TO	STA	(EACH)	(EACH)	
IL 127					
0.00	TO	1.78	117	117	
1.78	TO	1.82	BRIDGE OMISSION		
1.82	TO	4.74	193	193	
TOTAL :			310	310	

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	DRAWN -	REVISED -
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PLOT DATE = 5/31/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 2	OF 3	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	7
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				

SIDE ROADS AND ENTRANCE SCHEDULE											
LOCATION			HMA SURFACE REMOVAL BUTT-JOINT	PCC SURFACE REMOVAL BUTT-JOINT	BITUMINOUS MATERIAL (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	AGGREGATE SURFACE COUSE, TYPE B	HMA SHOULDER SUBTRACTION FOR SIDEROADS	TEMPORARY RAMPS	INCIDENTAL HMA SURFACING
STA	NAME	RT/LT	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(TON)
IL 127											
0.00	PE	RT						0.2			
0.03	PE	LT						0.2			
0.03	PE	RT						0.2			
0.10	NEW MEXICO RD	LT	31.4		57.4	10.7	7.1		11.2	83.3	
0.20	FE	LT						0.2			
0.20	PE	RT						0.2			
0.35	PE	LT						0.2			
0.37	PE	LT						0.2			
0.39	PE	RT						0.2			
0.41	PE	LT						0.2			
0.48	PE	RT						0.2			
0.57	PE	RT						0.2			
0.62	PE	LT						0.2			
0.70	LOCUST CREEK RD	RT	33.9		60.7	11.3	7.6		11.8	87.5	
1.03	PE	LT						0.2			
1.07	PE	LT						0.2			
1.11	PE	LT						0.2			
1.14	PE	RT						0.2			
1.17	PE	RT						0.2			
1.18	PE	LT						0.2			
1.34	PE	LT						0.2			
1.41	PE	RT						0.4			
1.46	OHIO RD	LT	52.8		80.7	15.1	10		14.0	155.3	
1.56	FE	RT						0.4			
1.63	FE	LT						0.4			
1.87	FE	LT						0.4			
1.89	SMITH RD	LT		66.7	78.8	14.7	9.8		10.5	112.5	
1.96	FE	RT						0.4			
2.10	PE	RT						0.4			
2.15	PE	LT			6.8			0.4			0.9
2.22	POSEN RD	LT	35.4		63.5	11.9	7.9		12.3	104.2	
2.22	PIERCE RD	RT	40.9		72.6	13.5	9		14	86.7	
2.29	PE	LT						0.2			
2.30	PE	LT						0.2			
2.47	FE	LT						0.2			
2.55	FE	RT						0.2			
2.57	PE	LT						0.2			
2.83	FE	LT						0.2			
2.90	FE	LT						0.2			
3.06	PE	RT						0.2			
3.22	PE	RT						0.2			
3.37	PE	LT						0.2			
3.39	FE	LT						0.2			
3.41	PE	RT						0.2			
3.47	FE	RT						0.2			
3.53	FE	RT						0.2			
3.62	PE	LT						0.2			
3.70	CE	LT			9.0					55.5	0.6
3.73	OAKDALE BLKTP RD	RT	82.0		137	25.6	17.1		25.4	188.9	
3.73	DUBOIS BLKTP RD	LT	102.0		166.7	31.1	20.7		30.4	226.4	
3.98	FE	RT						0.2			
3.98	FE	LT						0.2			
4.11	CE	LT						0.3			
4.23	OLD CEMETARY RD	LT	23.6		43.5	8.1	5.4		8.6	63.9	
4.39	PE	LT						0.2			
4.40	PE	RT						0.2			
4.64	PE	RT			3.4			0.2		17.5	0.2
4.64	FE	LT						0.2			
4.66	PE	LT						0.2			
4.75	PE	LT						0.2			
RAW TOTAL :			402.0	66.7	780.1	142.0	94.6	11.5	138.2	1216.9	1.7
ROUNDED TOTALS:			402	67	780	142	95	12	138	1217	2

BITUMINOUS MATERIAL (TACK COAT) AT STA 2.15, 3.70, AND 4.64 PAID FOR AS INCIDENTAL TACK COAT PAY ITEM

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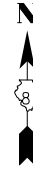
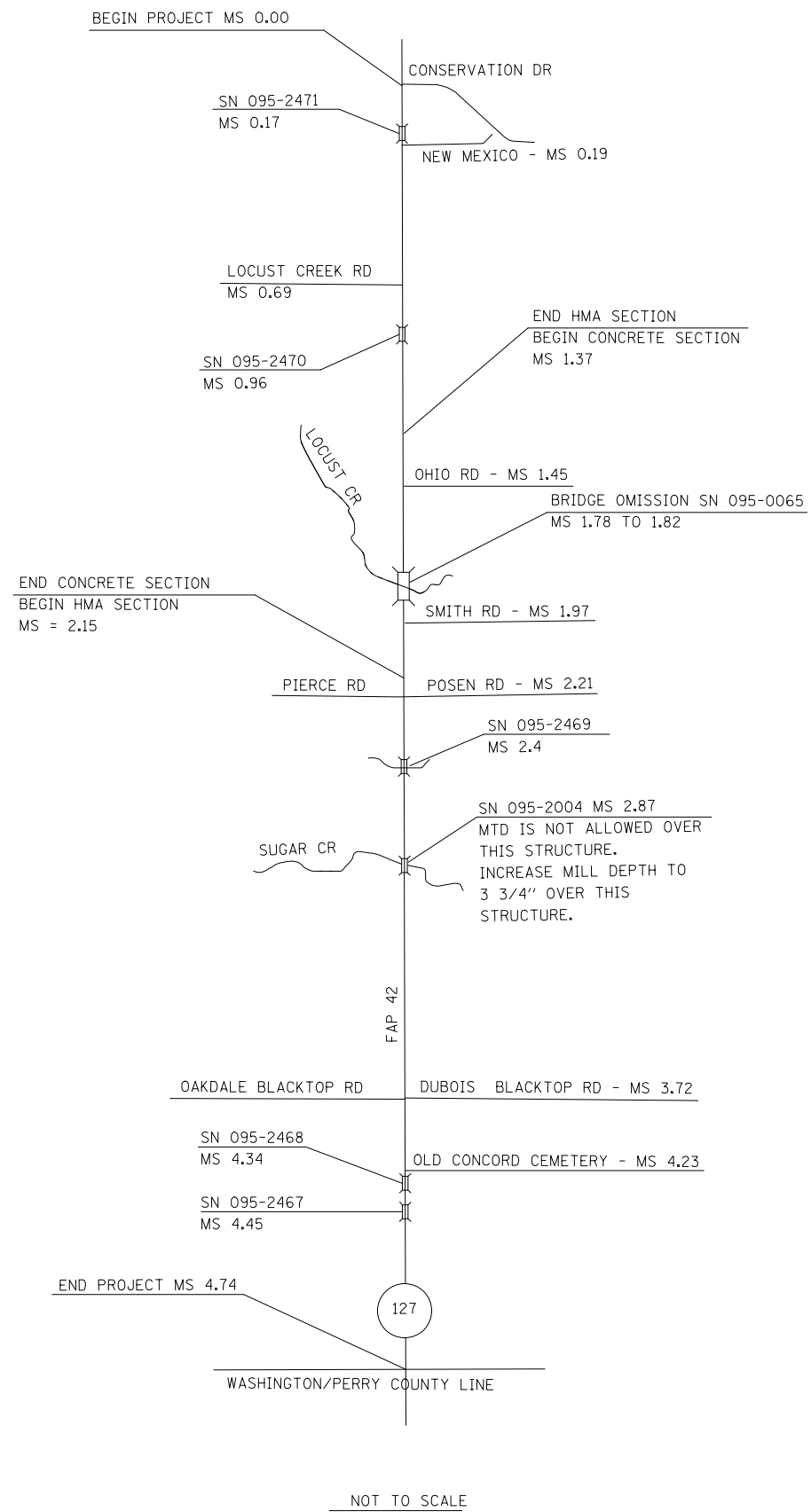
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	8
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				



BEGIN PROJECT MS 0.00
AT CONSTRUCTION JOINT



END PROJECT MS 4.74
AT COUNTY LINE

NOT TO SCALE

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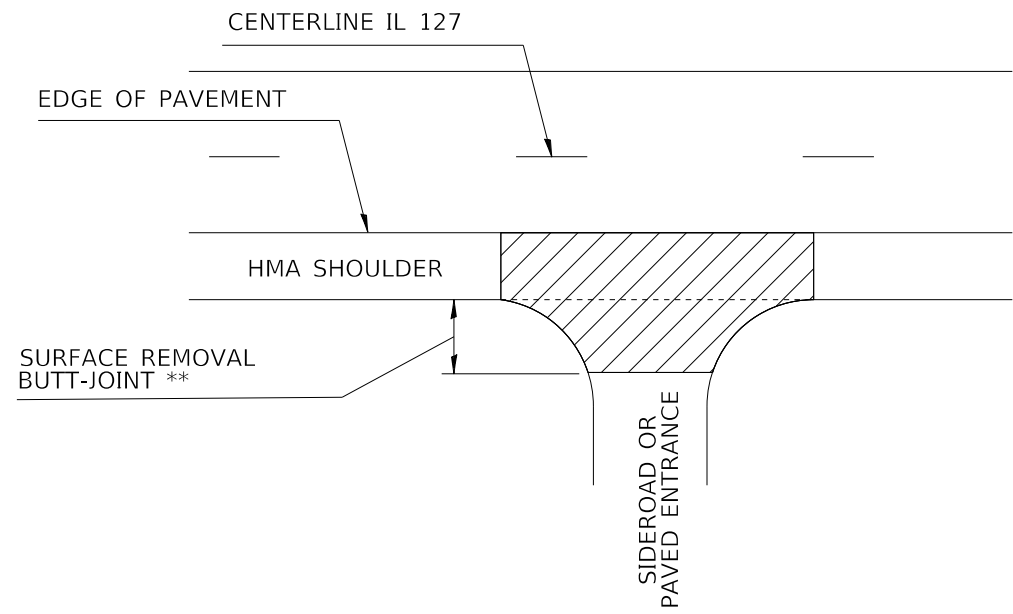
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PLOT DATE = 5/31/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

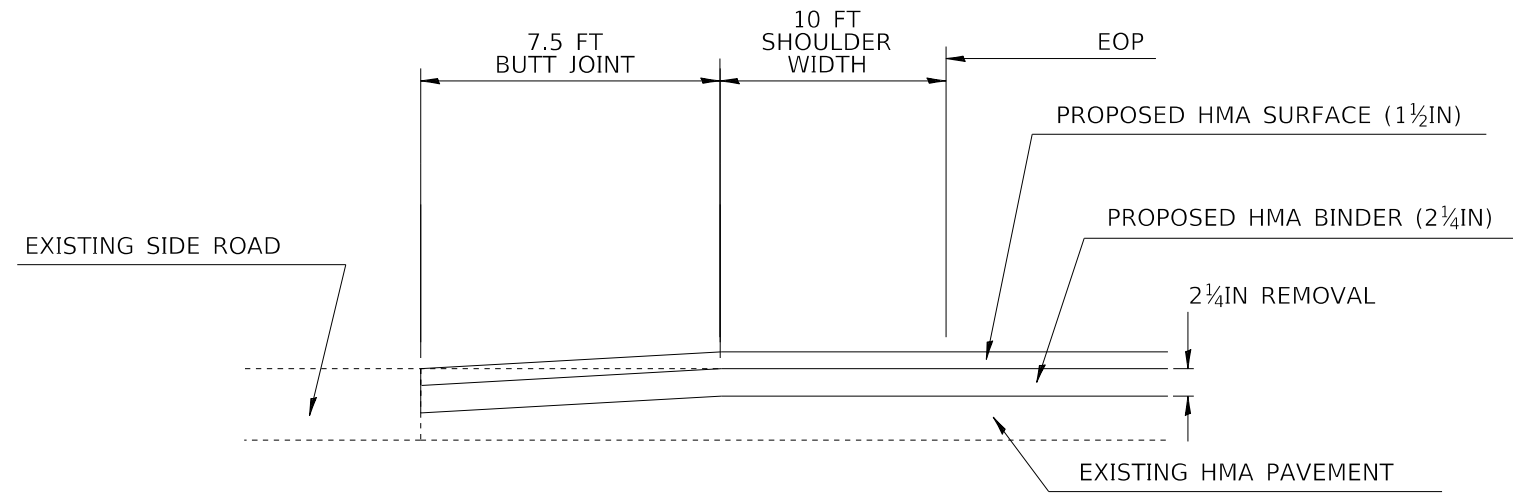
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	9
CONTRACT NO. 76K44				
		ILLINOIS	FED. AID PROJECT	



SIDEROAD DETAIL

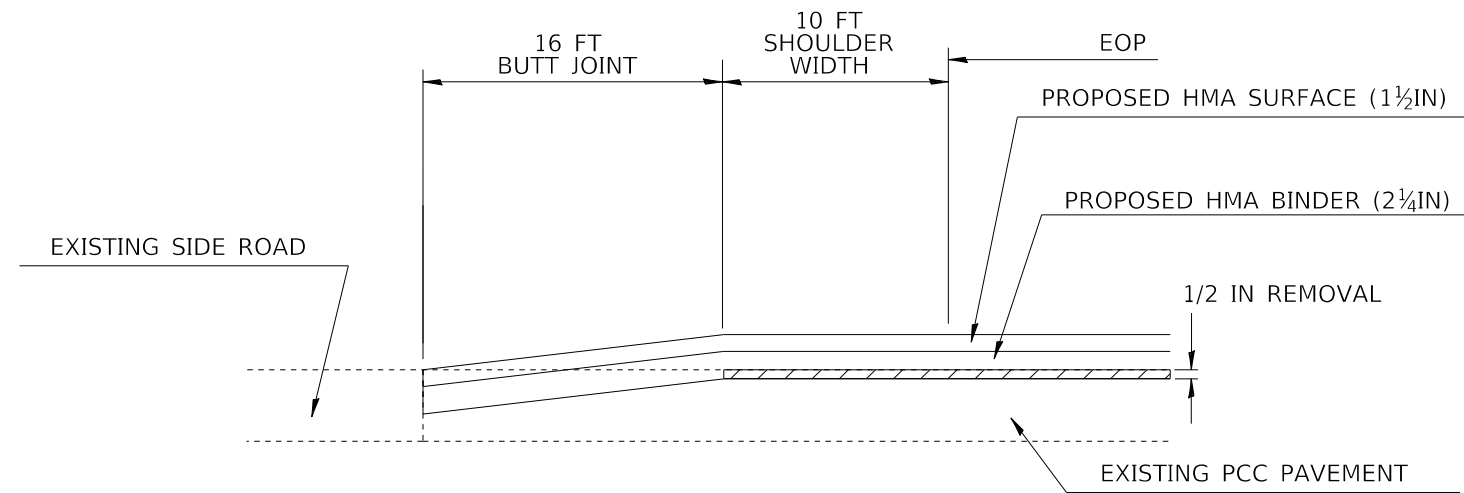
 AREA TO BE PAVED WITH BINDER AND SURFACE COURSE FOR SIDE ROADS

** EXTENDS 16 FT FROM EDGE OF SHOULDER IN EX. CONCRETE SECTION,
EXTENDS 7.5 FT FROM EDGE OF SHOULDER IN EX. HMA SECTION



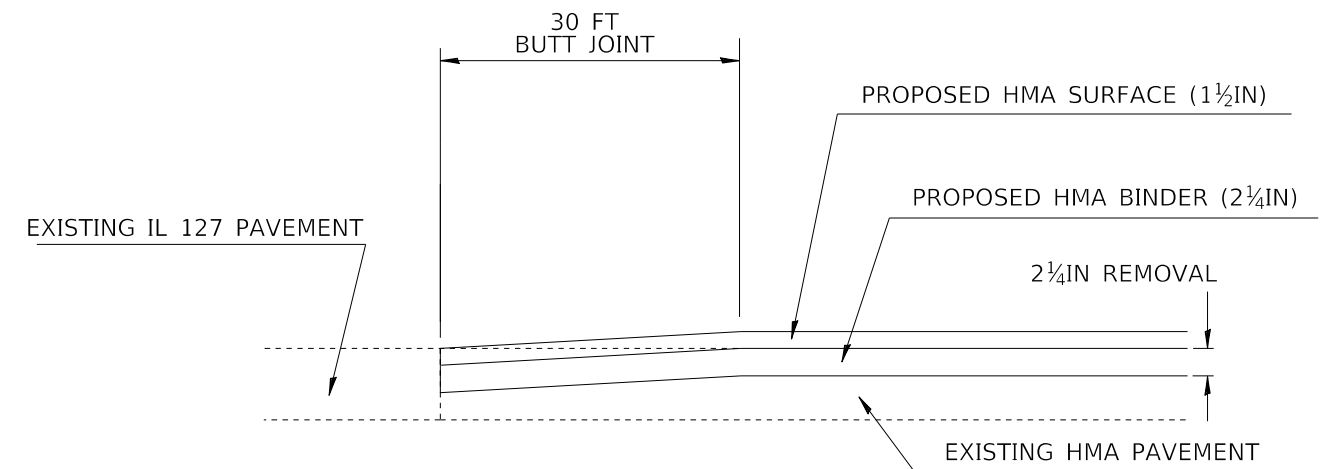
HMA SURFACE REMOVAL-BUTT JOINT AT SIDE ROADS IN EX. HMA SECTION

(N.T.S.)



HMA SURFACE REMOVAL-BUTT JOINT AT SIDE ROADS IN EX. CONCRETE SECTION

(N.T.S.)



HMA SURFACE REMOVAL-BUTT JOINT AT BEGINNING AND END OF PROJECT

(N.T.S.)

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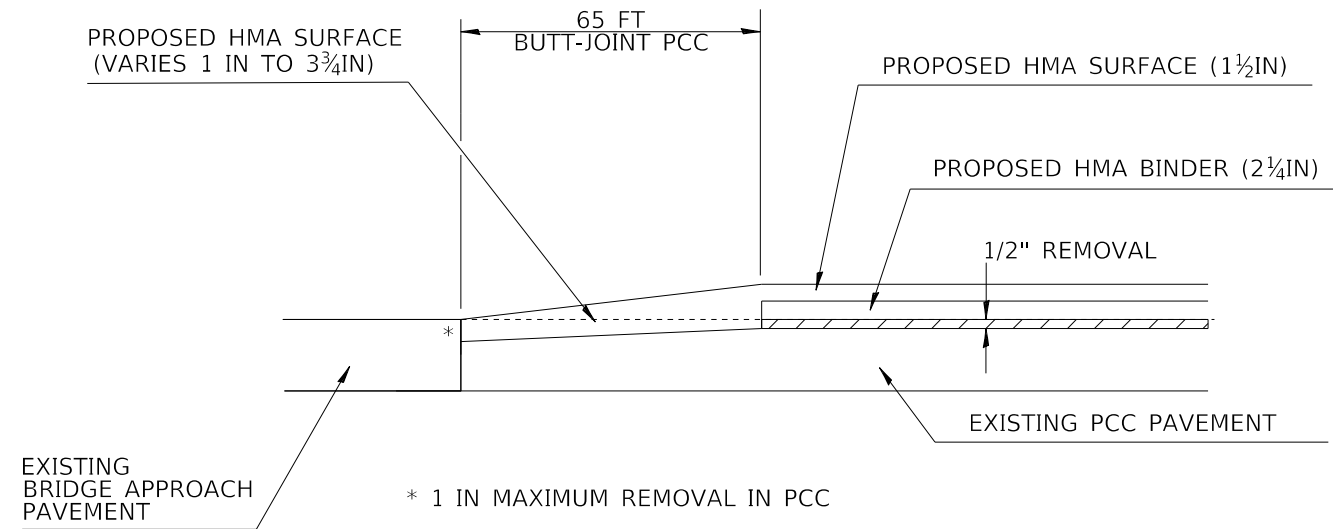
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	DRAWN -	REVISED -
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PLOT DATE = 5/31/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

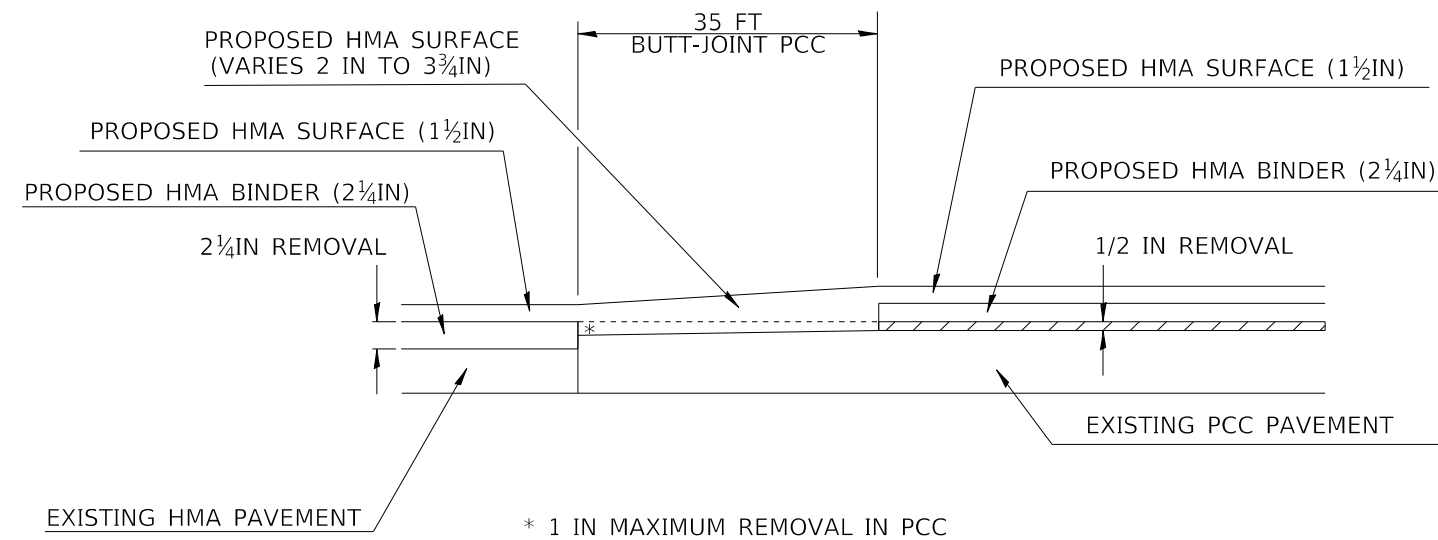
MISCELLANEOUS DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

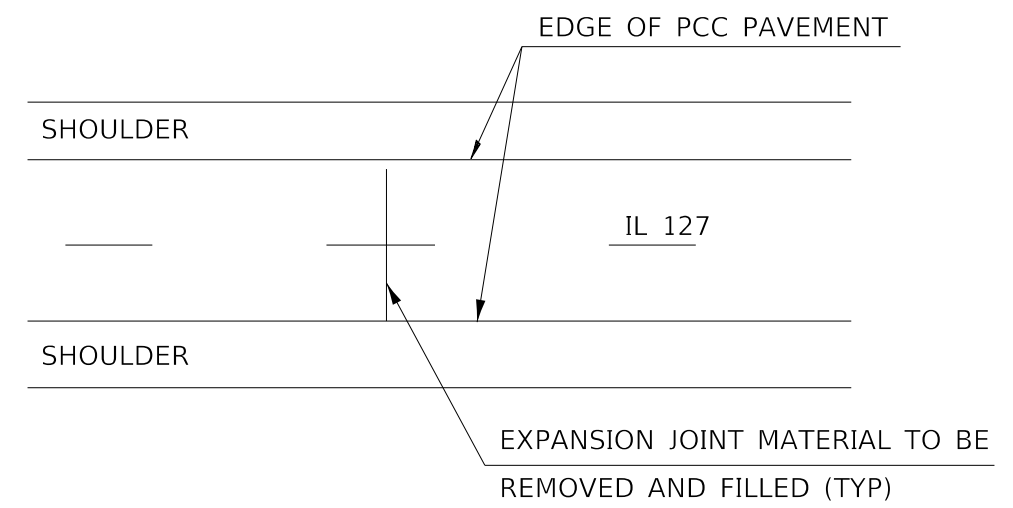
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	11
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				



**PCC SURFACE REMOVAL-BUTT JOINT AT SN 095-0065
(N.T.S.)**



**PCC SURFACE REMOVAL-BUTT JOINT
AT EXISITING PCC TO HMA JOINTS
(N.T.S.)**



**EXPANSION JOINT MATERIAL REMOVAL
MS 1.37 TO 2.15**

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PLOT DATE = 5/31/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(9-1,9-2)RS-3	WASHINGTON	12	12
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				