

GENERAL NOTES

INDEX OF SHEETS

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- 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 COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5
FRICION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "D"
QUALITY MGMT PROGRAM	QCP	QCP	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 COMPOSITION (GRADATION MIXTURE)	IL 19.0L	IL 9.5L	IL 19.0
FRICION 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 IF 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 EXISTING BOX CULVERT AT MS 2.87.

COMMITMENTS

NONE

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

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.

△ REV. 7-1-2019

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CODE NO.	ITEM	UNIT	80% FED 20% STATE		CONSTR. CODE
			TOTAL QUANTITY	ROADWAY	
					0005
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	12	12	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	45430	45430	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	691	691	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	413	413	
40600990	TEMPORARY RAMP	SQ YD	1421	1421	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	8481	8481	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5654	5654	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	19	19	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	2	2	
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	8327	8327	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	92846	92846	
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	112	112	
44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	128	128	
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	346	346	
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	24	24	



CODE NO.	ITEM	UNIT	80% FED 20% STATE		CONSTR. CODE
			TOTAL QUANTITY	ROADWAY	
					0005
44201299	DOWEL BARS 1 1/2"	EACH	888	888	
44213000	PATCHING REINFORCEMENT	SQ YD	23	23	
44213200	SAW CUTS	FOOT	2153	2153	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3643	3643	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	9491	9491	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	625	625	
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50	50	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6	
63200310	GUARDRAIL REMOVAL	FOOT	1005	1005	
* 63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	2150	2150	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	46937	46937	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	

* SPECIALTY ITEM

REV. 7-1-2019

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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	3
CONTRACT NO. 76K44			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				ROADWAY 0005	RURAL
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	

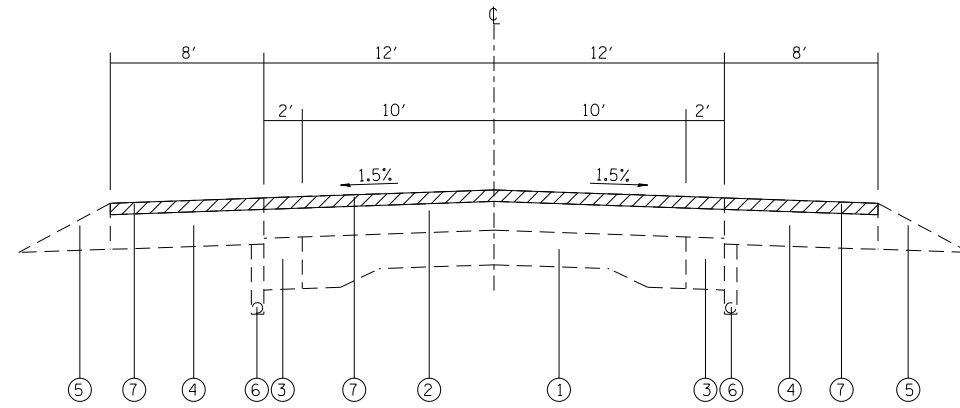
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				ROADWAY 0005	RURAL
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	75	75	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	26838	26838	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	24816	24816	
Z0034105	MATERIAL TRANSFER 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, IL-9.5 FG, N70	TON	8481	8481	

* SPECIALTY ITEM
 Ø 0042

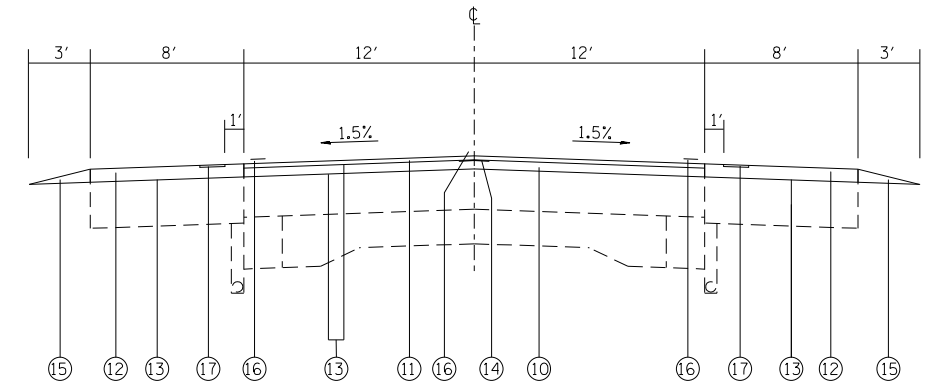
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REV. - MS

USER NAME = coppernalpe DESIGNED - DRAWN - PLOT SCALE = 100.0000' / in. CHECKED - PLOT DATE = 5/31/2019 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 42 SECTION (9-1,9-2)RS-3 COUNTY WASHINGTON TOTAL SHEETS 12 SHEET NO. 4 CONTRACT NO. 76K44 ILLINOIS FED. AID PROJECT
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.				



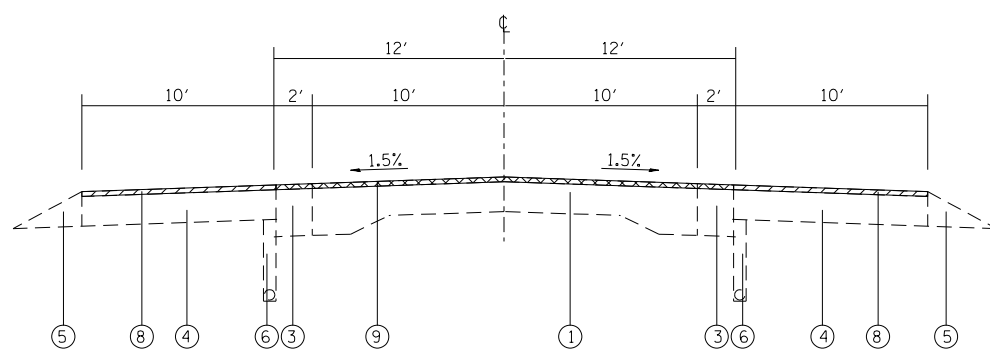
EXISTING TYPICAL SECTION
MS 0.00 TO 1.37
MS 2.15 TO 4.74



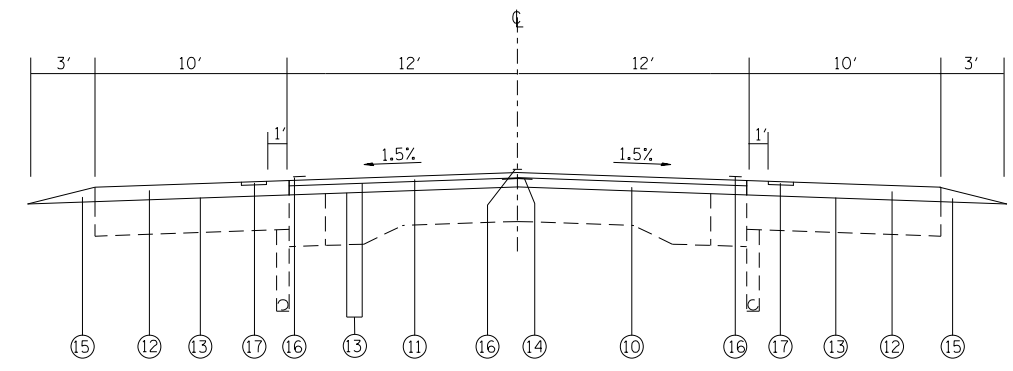
PROPOSED TYPICAL SECTION
MS 0.00 TO 1.37
MS 2.15 TO 4.74

LEGEND

- ① EXISTING PCC PAVEMENT, 9"-7"-9"
- ② EXISTING HMA RESURFACING, VARIES 6" TO 7-1/4"
- ③ EXISTING HMA WIDENING, 10"
- ④ EXISTING HMA SHOULDERS, VARIES 6" TO 12"
- ⑤ EXISTING EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING PIPE UNDERDRAIN, 4"
- ⑦ PROPOSED HMA SURFACE REMOVAL, 2-1/4"
- ⑧ PROPOSED HMA SURFACE REMOVAL, 1/2"
- ⑨ PROPOSED PCC SURFACE REMOVAL, 1/2"
- ⑩ PROPOSED HMA BINDER COURSE, IL-19.0, N70, 2 1/4"
- ⑪ PROPOSED HMA SURFACE, MIX D, N70, 1-1/2"
- ⑫ PROPOSED HMA SHOULDERS, 3-3/4"
- ⑬ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑭ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4"
- ⑰ PROPOSED SHOULDER RUMBLE STRIPS, 16"



EXISTING TYPICAL SECTION
MS 1.37 TO 2.15



PROPOSED TYPICAL SECTION
MS 1.37 TO 2.15

REV. 7-1-2019

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USER NAME = coppemolpe	DESIGNED -	REVISED 06/27/19 PEC
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/28/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
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	5
CONTRACT NO. 76K44				
ILLINOIS FED. AID PROJECT				



SIDE ROADS AND ENTRANCE SCHEDULE

STA	LOCATION		HMA SURFACE REMOVAL BUTT-JOINT	PCC SURFACE REMOVAL BUTT-JOINT	BITUMINOUS MATERIAL (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, "IL-19.0", N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	AGGREGATE SURFACE COUSE, TYPE B	HMA SHOULDER SUBTRACTION FOR SIDEROADS	TEMPORARY RAMPS	INCIDENTAL HMA SURFACING
	NAME	RT/LT	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(TON)
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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REV. 7-1-2019

USER NAME = coppemolpe	DESIGNED -	REVISOR 06/27/19 PEC	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISOR -		SCALE:	SHEET 3	OF 3 SHEETS	STA.	TO STA.	WASHINGTON	12	8
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -					CONTRACT NO. 76K44				
PLOT DATE = 6/28/2019	DATE -	REVISOR -					ILLINOIS FED. AID PROJECT				