

## GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT- MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND FROM OLD PLANS. MINOR ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

HMA SHOULDER SHALL BE 4' WIDE THROUGH OUT THE PROJECT EXCEPT IN LOCATIONS THAT THE EXISTING SHOULDER IS NOT WIDE ENOUGH. IN THESE LOCATIONS THE SHOULDER SHALL BE A MINIMUM OF 3' WIDE, THE SHOULDER SHALL BE AS WIDE AS POSSIBLE UP TO 4' WIDE. THESE LOCATIONS WILL BE DETERMINED BY THE ENGINEER. NO EXTRA COMPENSATION WILL BE GIVEN FOR THE VARYING WIDTH. THE HMA SHOULDER WILL BE PAID FOR BY THE SO YD.

THE EXCAVATED AGGREGATE/EARTH FOR THE PROPOSED SHOULDER SHALL BE WASTED ON THE SHOULDER AND GRADED BACK TO THE EDGE OF THE PROPOSED SHOULDER. DO NOT PLACE WASTE MATERIAL ONTO EXISTING ENTRANCES, SIDE ROADS, OR ON MAINTAINED LAWNS. THE GRADING OF THE WASTE MATERIAL WILL BE PAID FOR AS EXCAVATING AND GRADING EXISTING SHOULDER. THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. ANY DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

LOCATIONS FOR THE STONE DUMPED RIPRAP ARE GIVEN IN THE SCHEDULE. THE LENGTH AND WIDTH OF THE AREA FOR THE RIPRAP WILL BE DETERMINED BY THE ENGINEER.

## COMMITMENTS

NONE

## MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM, FINE GRADE
AC/PG:	PG64-22
ABR% (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE

REV. 4-15-14

FILE NAME *	USER NAME = krunzjo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, MIXTURE REQUIREMENTS, COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pe_work\pau\et\krunzjo\0360340\7839	ahv-plan.dgn	DRAWN -	REVISED -			778	D9 SAFETY 2014-1	VARIOUS	11	3
Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 78395				
PLOT DATE = 4/14/2014	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

# SUMMARY OF QUANTITIES

FUNDING:	90% FED 10% STATE HSIP
LOCATION:	RURAL
ROUTE:	[L 34 (FAP 778)

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	90% FED 10% STATE HSIP		
				SALINE SAFETY 0021	POPE SAFETY 0021	HARDIN SAFETY 0021
<b>20200600</b>	<b>EXCAVATING AND GRADING EXISTING SHOULDERS</b>	<b>UNIT</b>	<b>611</b>	<b>21</b>	<b>348</b>	<b>242</b>
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	848		359	489
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8655	294	4937	3424
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	27047	918	15429	10700
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1600		1600	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4	
63200310	GUARDRAIL REMOVAL	FOOT	1584		1584	
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	1195	169	280	746
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	17	2	3	12
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	60856	2066	34716	24074
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	1	1
67100100	MOBILIZATION	L SUM	1	0.2	0.4	0.4
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.2	0.4	0.4
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	0.5		0.5
* 72000100	SIGN PANEL - TYPE 1	SD FT	414	18	222	174

\* SPECIALTY ITEM

FILE NAME *	USER NAME * kranz_jd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES 1 OF 2</b>	F.A.P. RTE. 778	SECTION 09 SAFETY 2014-1	COUNTY VARIOUS	TOTAL SHEETS 11	SHEET NO. 4
Default	as:\pwork\pvidet\kranz_jd\20368242\78395\shl\plan.dgn	DRAWN -	REVISED -							
	PLOT SCALE = 94.4644 1/2 in.	CHECKED -	REVISED -							
	PLOT DATE = 1/23/2014	DATE -	REVISED -							

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# SUMMARY OF QUANTITIES - CONT

		FUNDING: 90% FED 10% STATE HSIP				
		LOCATION: RURAL				
		ROUTE: IL 34 (FAP 778)				
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SALINE SAFETY 0021	POPE SAFETY 0021	HARDIN SAFETY 0021
* 72900100	METAL POST - TYPE A	FOOT	1932	84	1036	812
78200420	GUARDRAIL MARKERS, TYPE B	EACH	22		22	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4	
△ X2020110	GRADING AND SHAPING SHOULDERS	UNIT	611	21	348	242

\* SPECIALTY ITEM

△ REV. 4-15-14

FILE NAME =	USER NAME = kranzjo	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES 2 OF 2</b>	F.A.P. RTE. 778	SECTION 09 SAFETY 2014-1	COUNTY VARIOUS	TOTAL SHEETS 11	SHEET NO. 5
Default	PLOT DATE = 1/20/2014	CHECKED -	REVISIED -		SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78395				

# SHOULDER SCHEDULE

LOCATION STA TO STA	HMA SHOULDERS 8"	BITUMINOUS MATERIALS (PRIME COAT)	SHOULDER RUMBLE STRIPS, 8 INCH	EXCAVATING AND GRADING EXISTING SHOULDER
	SQ YD	GALLON	FOOT	UNIT
STA. 583+16.00 TO STA. 585+00.00 BK	163.6	52.4	368.0	4.0
STA. 585+02.63 AH TO STA. 592+45.90 BK	660.7	211.4	1,487.0	15.0
STA. 592+44.47 AH TO STA. 593+50.00	93.8	30.0	211.0	2.0
SALINE CO TOTALS	918.1	293.8	2,066.0	21.0
STA. 593+50.00 TO STA. 612+55.10 BK	1,693.4	541.9	3,810.0	38.0
STA. 612+61.10 AH TO STA. 625+90.68 BK	1,181.8	378.2	2,659.0	27.0
STA. 625+85.58 AH TO STA. 626+10.82 BK	22.4	7.2	50.0	1.0
LT STA. 626+07.79 AH TO STA. 634+08.00	355.6	113.8	800.0	8.0
RT STA. 626+07.79 AH TO STA. 634+24.00	362.8	116.1	816.0	8.0
SN 076-2007 OMISSION				
STA. 637+12.00 TO STA. 650+12.80 BK	1,156.3	370.0	2,602.0	26.0
STA. 650+09.34 AH TO STA. 664+03.96 BK	1,239.7	396.7	2,789.0	28.0
LT STA. 663+95.25 AH TO STA. 692+01.00	1,247.0	399.0	2,806.0	28.0
RT STA. 663+95.25 AH TO STA. 692+20.00	1,255.4	401.7	2,825.0	28.0
SN 076-0001 OMISSION				
RT STA. 694+96.00 TO STA. 701+69.00	299.1	95.7	673.0	7.0
LT STA. 695+98.00 TO STA. 701+69.00	253.8	81.2	571.0	6.0
RT STA. 701+69.00 TO STA. 702+61.00	40.9	13.1	92.0	1.0
LT STA. 701+69.00 TO STA. 702+81.00	49.8	15.9	112.0	1.0
SN 076-2006 OMISSION				
RT STA. 706+82.00 TO STA. 724+82.90 BK	800.4	256.1	1,801.0	18.0
LT STA. 707+55.00 TO STA. 724+82.90 BK	768.0	245.8	1,728.0	17.0
STA. 724+85.46 AH TO STA. 748+51.90 BK	2,103.5	673.1	4,733.0	47.0
STA. 748+54.52 AH TO STA. 771+94.00 BK	2,079.5	665.4	4,679.0	47.0
STA. 771+94.76 AH TO STA. 777+79.60	519.9	166.4	1,170.0	12.0
POPE CO TOTALS	15,429.3	4,937.3	34,716.0	348.0
STA. 777+79.60 TO STA. 783+09.00	470.6	150.6	1,059.0	11.0
SN 035-0004 OMISSION				
STA. 784+61.00 TO STA. 790+00.00 BK	479.1	153.3	1,078.0	11.0
STA. 789+97.80 AH TO STA. 798+47.89 BK	755.6	241.8	1,700.0	17.0
STA. 798+52.22 AH TO STA. 804+48.00	529.6	169.5	1,192.0	12.0
SN 035-0005 OMISSION				
STA. 807+74.00 TO STA. 810+00.00 BK	200.9	64.3	452.0	5.0
STA. 810+06.37 AH TO STA. 818+55.20 BK	754.5	241.4	1,698.0	17.0
STA. 818+48.05 AH TO STA. 829+92.39 BK	1,017.2	325.5	2,289.0	23.0
STA. 829+85.24 AH TO STA. 830+22.50 BK	33.1	10.6	75.0	1.0
STA. 830+06.00 AH TO STA. 864+17.00	3,032.0	970.2	6,822.0	68.0
SN 035-0006 OMISSION				
STA. 865+23.00 TO STA. 872+81.01 BK	673.8	215.6	1,516.0	15.0
RT STA. 872+78.52 AH TO STA. 880+13.00	326.4	104.4	734.0	7.0
LT STA. 872+78.52 AH TO STA. 880+35.00	336.2	107.6	756.0	8.0
SN 035-7025 OMISSION				
RT STA. 880+47.00 TO STA. 901+82.30 BK	949.0	303.7	2,135.0	21.0
LT STA. 880+67.00 TO STA. 901+82.30 BK	940.1	300.8	2,115.0	21.0
STA. 901+83.70 AH TO STA. 904+10.00	201.5	64.6	453.0	5.0
HARDIN CO TOTALS	10,699.6	3,423.9	24,074.0	242.0
PROJECT TOTAL	27,047.0	8,655.0	60,856.0	611.0

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△ REV. 4-15-14