

:\PROJECTS\Transportation\0828TR 2011 Preservation\0828TR 2011 QUANTITY SHTS.dwg, 5/6/2011 7:09:30 AM, 1:1

BITUMINOUS AND CONCRETE SAWING LOCATIONS				
ROAD NAME	STATION	LT/RT/CL	BITUMINOUS LIN. FT.	CONCRETE LIN. FT.
SKYLINE PKWY	400+00	CL	26	
SKYLINE PKWY	471+00	CL	30	
SKYLINE PKWY	471+62	CL	30	
SKYLINE PKWY	486+61	CL	46	
SWAN LAKE ROAD	300+17	CL	95	
SWAN LAKE ROAD	304+00	LT	38	
SWAN LAKE ROAD	316+00	LT	28	
SWAN LAKE ROAD	317+50	RT	45	
SWAN LAKE ROAD	324+85	LT	27	
SWAN LAKE ROAD	324+85	RT	25	
SWAN LAKE ROAD	328+57	RT		13
SWAN LAKE ROAD	332+96	RT	36	
SWAN LAKE ROAD	332+31	LT	20	
SWAN LAKE ROAD	348+23	LT	41	
SWAN LAKE ROAD	348+96	LT	19	
SWAN LAKE ROAD	356+00	RT	40	
SWAN LAKE ROAD	356+47	LT	29	
SWAN LAKE ROAD	363+44	RT	29	
SWAN LAKE ROAD	363+92	LT	40	
SWAN LAKE ROAD	367+10	RT	57	
SWAN LAKE ROAD	374+04	RT	25	
SWAN LAKE ROAD	374+27	LT	25	
SWAN LAKE ROAD	377+76	CL	36	
ARROWHEAD ROAD	29+11	CL	46	
ARROWHEAD ROAD	33+18	LT	26	
ARROWHEAD ROAD	36+52	LT	26	
ARROWHEAD ROAD	42+93	RT	24	
ARROWHEAD ROAD	46+30	RT	26	
ARROWHEAD ROAD	49+75	RT	26	
ARROWHEAD ROAD	62+98	RT	26	
ARROWHEAD ROAD	68+89	RT	26	
ARROWHEAD ROAD	86+68	CL	46	
TOTAL			1,059	13

CONSTRUCT DRAINAGE STRUCTURE DESIGN C					
ROAD NAME	STATION	LT/RT	DEPTH LIN. FT.	CASTING ASSEMBLY EACH	OUTLET ELEV.
SKYLINE PKWY	446+15	LT	4	1	MATCH EXISTING
SKYLINE PKWY	454+63	LT	4	1	MATCH EXISTING
SKYLINE PKWY	459+62	LT	4	1	MATCH EXISTING
SKYLINE PKWY	465+64	LT	4	1	MATCH EXISTING
SKYLINE PKWY	519+33	LT	4	1	MATCH EXISTING
SKYLINE PKWY	514+59	LT	4	1	MATCH EXISTING
SWAN LAKE ROAD	301+16	RT	4	1	1270.08
SWAN LAKE ROAD	359+54	LT	4	1	MATCH EXISTING
TOTAL			32	8	

NOTE:
1) CONNECTIONS TO ALL EXISTING PIPES SHALL BE CONSIDERED INCIDENTAL

CALCIUM CHLORIDE				
ROAD NAME	STATION TO STATION		WIDTH	GALLONS
SKYLINE PKWY	400+00	432+00	24	2,133
SKYLINE PKWY	477+00	486+61	24	641
SWAN LAKE ROAD	300+17	377+76	24	5,173
ARROWHEAD ROAD	29+11	86+68	24	3,838
TOTALS				11,785

SEEDING									
ROAD NAME	STATION TO STATION		LT	RT	WIDTH/ FEET	SEEDING/ ACRE	SEED MIXTURE 250 POUND	MULCH MATERIAL TYPE1 TON	FERTILIZER TYPE1 TON
SKYLINE PKWY	400+00	486+61	X		4	0.80	56	1.60	0.12
SKYLINE PKWY	400+00	486+61		X	4	0.80	56	1.60	0.12
SKYLINE PKWY	500+00	523+88	X		4	0.22	15	0.44	0.03
SKYLINE PKWY	500+00	523+88		X	4	0.22	15	0.44	0.03
SWAN LAKE ROAD	300+00	377+76	X		4	0.71	50	1.42	0.11
SWAN LAKE ROAD	300+00	377+76		X	4	0.71	50	1.42	0.11
TOTALS						3.46	242	6.92	0.52

MILLING & RECLAMATION AREAS AND BITUMINOUS MIXTURE										
ROAD NAME	STATION TO STATION		MILLING AREA SQ. YD.	PAVEMENT RECLAMATION AREA/SQ. YD.	RECLAMATION DEPTH / INCHES	NEW BITUMINOUS AREA/SQ. YD.	NEW BITUMINOUS PAVEMENT DEPTH / INCHES	PLANT MIXED BITUMINOUS TYPE SP 12.5 NON-WEARING COURSE / TON (SPNWB330B)	PLANT MIXED BITUMINOUS TYPE SP 12.5 WEARING COURSE / TON (SPWEB340B)	PLANT MIXED BITUMINOUS TYPE SP 12.5 WEARING COURSE / TON (SPWEB340C)
SKYLINE PKWY	400+00	523+88		32,921	12	34,432	3.5			7,582
4th AVE WEST	0+50	7+02	2,823			2,823	3.5		618	
4th AVE WEST	7+85	9+37	802			802	2.0		100	
ARROWHEAD ROAD	29+11	86+68	31,746			31,746	3.5			6,944
ARROWHEAD ROAD	29+11	86+68		31,746	4	31,746	2.0	3,968		
88th AVE WEST	200+40	293+65	50,173			50,173	3.5		10,975	
EAST 1st STREET	91+39	99+98	3,968			3,968	3.5		868	
EAST 1st STREET	100+70	142+02	△17,448			△17,448	3.5		△3,817	
SWAN LAKE ROAD	300+17	377+76		23,656	7 & 12	23,656	4.0			6,164
TOTALS			106,960	88,323		196,794		3,968	16,378	20,690

1) ALL AREAS WERE DETERMINED BY A CITY OF DULUTH SURVEY CREW
2) INCLUDES 50 TONS FOR APPROACHES ON SKYLINE PARKWAY AND 250 TONS FOR SWAN LAKE ROAD.

CERTIFIED BY: CAROLINE PEDERSEN	REG. NO.: 42634	REVISION	PROJECT LOCATION - ALL PROJECTS	DRAWN BY: SCA
SIGNATURE: 	DATE: 5-06-2011	△ QUANTITY CHANGE OF BITUMINOUS AND MILLING ON EAST 1ST ST.	CITY OF DULUTH	TABULATIONS
		△	CITY PROJECT NO.: 0787TR,0828TR,0829TR,0832TR,0835TR,0852TR	SHEET NO. 9 OF 63