

STATEMENT OF ESTIMATED QUANTITIES

FOOT NOTES	SPEC NO.	ITEM DESCRIPTION	UNIT	TOTAL	S.P. 204-113-12	
					ROADWAY QUANTITIES	STORM SEWER QUANTITIES
	2021.501	MOBILIZATION	LS	1	.91	.09
	2104.501	REMOVE SEWER PIPE (STORM)	LF	6		6
	2104.501	REMOVE CURB AND GUTTER	LF	480	480	
	2104.503	REMOVE CONCRETE SIDEWALK	SF	2416	2416	
	2104.503	REMOVE BITUMINOUS PAVEMENT	SF	12665	12665	
	2104.503	REMOVE CONCRETE MEDIAN	SF	400	400	
	2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH	3		3
	2104.509	REMOVE SIGN	EACH	15	15	
	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LF	1055	1055	
	2104.523	SALVAGE CASTING	EACH	5		5
	2211.501	AGGREGATE BASE CLASS 5	TON	640	640	
	2232.502	MILL BITUMINOUS SURFACE (1.5")	SY	2120	2120	
	2350.501	TYPE MV 4 WEARING COURSE MIXTURE (MVWE 45035B)	TON	395	395	
	2350.502	TYPE MV 3 NON WEARING COURSE MIXTURE (MVNW 35035C)	TON	135	135	
	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GAL	160	160	
	2503.541	15" RC PIPE SEWER DES 3006 CLASS V	LF	12		12
	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	13		13
	2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	1		1
	2504.602	ADJUST VALVE BOX	EACH	1	1	
	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 24" X 36"	EACH	1		1
	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	2		2
	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 54-4020	EACH	1		1
	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	EACH	3		3
	2506.521	INSTALL CASTING	EACH	4		4
	2506.522	ADJUST FRAME & RING CASTING	EACH	2		2
	2521.501	4" CONCRETE WALK	SF	1030	1030	
	2531.501	CONCRETE CURB & GUTTER DESIGN B618	LF	1345	1345	
	2531.503	CONCRETE MEDIAN	SY	1675	1675	
	2531.602	PEDESTRIAN CURB RAMP	EACH	6	6	
	2531.602	CONC ENTRANCE NOSE DES 7113	EACH	4	4	
	2540.618	CONCRETE PAVERS	SF	20	20	
	2563.601	TRAFFIC CONTROL	EACH	1	.91	.09
	2564.531	SIGN PANELS TYPE C	EACH	39	39	
	2564.602	PAVEMENT MESSAGE (RIGHT ARROW) POLY PREFORM	EACH	2	2	
	2564.602	PAVEMENT MESSAGE (LEFT ARROW) POLY PREFORM	EACH	3	3	
	2564.603	4" SOLID LINE WHITE-POLY PREFORM	LF	440	440	
	2564.603	4" SOLID LINE YELLOW-POLY PREFORM	LF	212	212	
	2564.603	24" SOLID LINE WHITE-POLY PREFORM	LF	201	201	
	2564.603	24" SOLID LINE YELLOW-POLY PREFORM	LF	55	55	
	2564.604	ZEBRA CROSSWALK-WHITE POLY PREFORMED	SY	80	80	
	2565.616	REVISE SIGNAL SYSTEM	EACH	1	1	
	2573.502	SILT FENCE, TYPE HEAVY DUTY	LF	200	200	
	2575.555	TURF ESTABLISHMENT	LS	1	1	

BASIS FOR EST. QUANTITIES

CL 5 AGG BASE: COMPACTED DRY DENSITY - 1.86 TN/CY
 BITUMINOUS PAVEMENT: TYPE 2350 - 1.98 TN/CY
 BITUMINOUS TACK COAT: 0.050 GAL/SY
 SEED: MIXTURE 50B - 50 LBS/ACRE
 MULCH: TYPE 1 - 2 TONS/ACRE
 FERTILIZER: TYPE 22/5/10 - 200 LBS/ACRE

CODE #	QUANTITY	POSTS			MOUNTING HEIGHT	PANEL			PANEL LEGEND
		#	& TYPE	KNEE BRACES		LENGTH(FEET)	SIZE (IN)	AREA (SQ. FT.)	
R1-1	2	1-U		0	10	7	30 x 30	6.25	STOP SIGN
R1-2	1	1-U		0	10	7	36 x 36 x 36	3.875	YIELD
R3-X1	2	1-U		0	10	7	30 x 30	6.25	RIGHT TURN LANE
R3-X2	2	1-U		0	10	7	30 x 30	6.25	LEFT TURN LANE
R3-30ACA	2	2-U		0	12	7	54 x 30	11.25	LEFT/RIGHT/THROUGH
R4-7	6	1-U		0	9	7	24 x 30	5	MEDIAN
R8-3A	2	1-U		0	9	7	24 x 24	4	NO PARKING
W6-1	2	1-U		0	10	7	36 x 36	9	DIVIDED HIGHWAY
W10-1	1	2-U		0	10	7	36	2.35	RAILROAD CROSSING
W10-2R	1	1-U		0	10	7	30 x 30	6.25	RAILROAD CROSSING
X4-2	6	1-U		0	10	7	18 x 18	2.25	OBJECT MARKER
9" CYL DEL	12	1-U		0	4	7	9		CYLINDER DELINEATOR

**RECORD PLAN
JANUARY 2005**

DESIGNED BY: KJT DRAWN BY: EY
 APPROVED: TJM JOB NUMBER 816600J
 CAD DATE: January 11, 2005 9:48:01 a.m.
 CAD FILE: 816600J\ASBUILT\MISC\816600-EQ.DWG (JCJ\NIN)

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE _____
 JOHN ANDERSON LIC. 25889

NO.	DATE	BY	REVISION DESCRIPTION

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(651) 644-4389

Howard R. Green Company
CONSULTING ENGINEERS

**MAIN STREET/U.S. HIGHWAY NO. 10
CITY OF ELK RIVER**

ESTIMATED QUANTITIES

S.P. 204-113-12

SHEET NO.

5

S&CO PRODUCTS - NEW HARBOR, MINNESOTA
 PREPARED BY: JOHN ANDERSON, LICENSED PROFESSIONAL ENGINEER
 PROJECT NO. 05-01-001-01
 SHEET NO. 5
 MAINS 05