

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES ESTIMATED	ESTIMATE		ANOKA COUNTY 002-716-021	ANOKA COUNTY 002-716-021 COST	CITY OF RAMSEY	CITY OF RAMSEY COST
				Unit Cost	Total				
2021.501	MOBILIZATION	LUMP SUM	1	\$107,200.00	\$107,200.00	0.864	\$92,645.53	0.136	\$14,554.47
2031.502	FIELD OFFICE TYPE D	EACH	1	\$8,000.00	\$8,000.00	0.864	\$6,913.85	0.136	\$1,086.15
2101.505	GRUBBING	ACRE	0.981	\$2,000.00	\$1,962.00	0.98	\$1,962.00	0.00	\$0.00
2101.524	CLEARING	TREE	10	\$200.00	\$2,000.00	2	\$400.00	8	\$1,600.00
2101.524	GRUBBING	TREE	10	\$200.00	\$2,000.00	2	\$400.00	8	\$1,600.00
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	30178	\$0.70	\$21,124.60	30178	\$21,124.60	0	\$0.00
2104.502	REMOVE PIPE APRON	EACH	3	\$200.00	\$600.00	3	\$600.00	0	\$0.00
2104.502	REMOVE SIGN TYPE C	EACH	49	\$50.00	\$2,450.00	49	\$2,450.00	0	\$0.00
2104.502	SALVAGE SIGN TYPE SPECIAL	EACH	1	\$42.00	\$42.00	1	\$42.00	0	\$0.00
2104.502	REMOVE CATCH BASIN	EACH	3	\$600.00	\$1,800.00	3	\$1,800.00	0	\$0.00
2104.502	REMOVE CATCH BASIN GRATE CASTING	EACH	2	\$200.00	\$400.00	2	\$400.00	0	\$0.00
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	47	\$5.00	\$235.00	47	\$235.00	0	\$0.00
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	2974	\$2.00	\$5,948.00	2411	\$4,822.00	563	\$1,126.00
2104.503	REMOVE PIPE CULVERTS	LIN FT	164	\$10.00	\$1,640.00	164	\$1,640.00	0	\$0.00
2104.503	REMOVE PIPE SEWERS	LIN FT	16	\$20.00	\$320.00	16	\$320.00	0	\$0.00
2104.503	REMOVE CURB AND GUTTER	LIN FT	2553	\$6.00	\$15,318.00	2145	\$12,870.00	408	\$2,448.00
2104.504	REMOVE CONCRETE MEDIAN	SQ YD	2079	\$8.00	\$16,632.00	2079	\$16,632.00	0	\$0.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	3591	\$8.00	\$28,726.40	3135.13	\$25,081.07	455.67	\$3,645.33
2104.518	REMOVE BITUMINOUS WALK	SF	4087	\$2.00	\$8,174.00	4087	\$8,174.00	0	\$0.00
2105.507	COMMON EXCAVATION	CU YD	5981	\$12.00	\$71,772.00	5146	\$61,752.00	835	\$10,020.00
2105.507	SUBGRADE EXCAVATION	CU YD	6712	\$12.00	\$80,544.00	6395	\$76,740.00	317	\$3,804.00
2105.507	SELECT GRANULAR BORROW (LV)	CU YD	2314	\$22.00	\$50,908.00	2314	\$50,908.00	0	\$0.00
2105.602	CONSTRUCT TURN LANE	EACH	1	\$16,000.00	\$16,000.00	1	\$16,000.00	0	\$0.00
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	39	\$125.00	\$4,875.00	39	\$4,875.00	0	\$0.00
2130.523	WATER	MGAL	75	\$22.00	\$1,650.00	75	\$1,650.00	0	\$0.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	3827	\$27.00	\$103,332.45	3827.13	\$103,332.45	0	\$0.00
2215.504	FULL DEPTH RECLAMATION	SQ YD	9962	\$3.00	\$29,885.10	9961.7	\$29,885.10	0	\$0.00
2215.507	HAUL FULL DEPTH RECLAMATION (LV)	CU YD	200	\$8.00	\$1,600.00	200	\$1,600.00	0	\$0.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5	CU YD	119	\$35.00	\$4,165.00	119	\$4,165.00	0	\$0.00
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	15609	\$2.00	\$31,217.20	9363.82	\$18,727.64	6244.78	\$12,489.56
2232.504	MILL BITUMINOUS SURFACE (2.0") JOINTS	SQ YD	411	\$10.00	\$4,114.00	411.4	\$4,114.00	0	\$0.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	3350	\$2.00	\$6,700.00	2965	\$5,930.00	385	\$770.00
2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	125	\$125.00	\$15,625.00	125	\$15,625.00	0.0	\$0.00
2360.509	TYPE SP 12.5 BIT MIXTURE FOR PATCHING	TON	167	\$100.00	\$16,700.00	167	\$16,700.00	0.0	\$0.00
2360.509	TYPE SP 12.5 NON WEARING COURSE MIX (3,B)	TON	1421	\$64.00	\$90,944.00	1421	\$90,944.00	0.0	\$0.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	6848	\$67.00	\$458,830.70	5962.22	\$399,468.70	886	\$59,362.00
2411.502	CONCRETE FLUME	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	0	\$0.00
2501.502	15" RC APRON	EACH	1	\$600.00	\$600.00	1	\$600.00	0	\$0.00
2501.502	18" RC APRON	EACH	1	\$700.00	\$700.00	1	\$700.00	0	\$0.00
2501.502	24" RC APRON	EACH	2	\$800.00	\$1,600.00	2	\$1,600.00	0	\$0.00
2501.502	18" CS SAFETY APR & GRATE DES 3128	EACH	2	\$1,000.00	\$2,000.00	2	\$2,000.00	0	\$0.00
2501.502	18" RC SAFETY APRON & GRATE DES 3128	EACH	2	\$1,500.00	\$3,000.00	2	\$3,000.00	0	\$0.00
2501.503	18" CS PIPE CULVERT	LIN FT	56	\$50.00	\$2,800.00	56	\$2,800.00	0	\$0.00
2501.503	18" RC PIPE CULVERT CLASS V	LIN FT	96	\$50.00	\$4,800.00	96	\$4,800.00	0	\$0.00
2501.503	24" RC PIPE CULVERT CLASS V	LIN FT	24	\$70.00	\$1,680.00	24	\$1,680.00	0	\$0.00
2503.503	15" RC PIPE SEWER CLASS V	LIN FT	77	\$50.00	\$3,850.00	77	\$3,850.00	0	\$0.00
2503.503	18' RC PIPE SEWERS CLASS III	LIN FT	62	\$60.00	\$3,720.00	62	\$3,720.00	0	\$0.00
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	10	\$500.00	\$5,000.00	10	\$5,000.00	0	\$0.00
2504.602	RELOCATE HYDANT & VALVE	EACH	1	\$4,000.00	\$4,000.00	1	\$4,000.00	0	\$0.00
2504.602	ADJUST GATE VALVE	EACH	11	\$300.00	\$3,300.00	10	\$3,000.00	1	\$300.00
2506.503	CONST DRAINAGE STRUCTURE DES H	LIN FT	16.4	\$400.00	\$6,560.00	16.4	\$6,560.00	0	\$0.00

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2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	12.3	\$600.00	\$7,380.00	12.3	\$7,380.00	0	\$0.00
2506.503	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	4.5	\$800.00	\$3,600.00	4.5	\$3,600.00	0	\$0.00
2506.502	CASTING ASSEMBLY	EACH	11	\$800.00	\$8,800.00	11	\$8,800.00	0	\$0.00
2511.504	GEOTEXTILE FILTER FABRIC TYPE 1	SQ YD	235	\$2.00	\$469.20	234.6	\$469.20	0	\$0.00
2511.507	RANDOM RIPRAP CLASS II	CU YD	56	\$90.00	\$5,013.00	55.7	\$5,013.00	0	\$0.00
2521.518	4" CONCRETE WALK	SQ FT	12398	\$6.00	\$74,388.00	12398	\$74,388.00	0	\$0.00
2521.518	6" CONCRETE WALK	SQ FT	611	\$10.00	\$6,110.00	611	\$6,110.00	0	\$0.00
2531.503	CONCRETE CURB & GUTTER DES B418	LIN FT	4484	\$25.00	\$112,100.00	4484	\$112,100.00	0	\$0.00
2531.503	CONCRETE CURB & GUTTER DES B424	LIN FT	214	\$30.00	\$6,420.00	214	\$6,420.00	0	\$0.00
2531.503	CONCRETE CURB & GUTTER DES B618	LIN FT	412	\$27.00	\$11,124.00	0	\$0.00	412	\$11,124.00
2531.602	CONCRETE MEDIAN NOSE SPECIAL	EACH	8	\$500.00	\$4,000.00	8	\$4,000.00	0	\$0.00
2531.618	TRUNCATED DOMES	SQ FT	184	\$50.00	\$9,200.00	184	\$9,200.00	0	\$0.00
2545.502	SERVICE CABINET	EACH	1	\$8,000.00	\$8,000.00	0.25	\$2,000.00	0.75	\$6,000.00
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$4,000.00	\$4,000.00	0.864	\$3,456.92	0.136	\$543.08
2563.601	TRAFFIC CONTROL (STAGE 1)	LUMP SUM	1	\$2,000.00	\$2,000.00	0.864	\$1,728.46	0.136	\$271.54
2563.601	TRAFFIC CONTROL (STAGE 2)	LUMP SUM	1	\$3,000.00	\$3,000.00	0.864	\$2,592.69	0.136	\$407.31
2563.601	TRAFFIC CONTROL (STAGE 3)	LUMP SUM	1	\$3,000.00	\$3,000.00	0.864	\$2,592.69	0.136	\$407.31
2563.601	TRAFFIC CONTROL (STAGE 4)	LUMP SUM	1	\$2,000.00	\$2,000.00	0.864	\$1,728.46	0.136	\$271.54
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	305	\$1.50	\$457.50	305	\$457.50	0	\$0.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UDAY	48	\$120.00	\$5,760.00	48	\$5,760.00	0	\$0.00
2564.502	INSTALL MARKER	EACH	10	\$70.00	\$700.00	10	\$700.00	0	\$0.00
2564.502	INSTALL SIGN TYPE C	EACH	91	\$160.00	\$14,560.00	91	\$14,560.00	0	\$0.00
2564.502	OBJECT MARKER TYPE X4-3	EACH	4	\$80.00	\$320.00	4	\$320.00	0	\$0.00
2564.502	OBJECT MARKER TYPE X4-5	EACH	6	\$80.00	\$480.00	6	\$480.00	0	\$0.00
2564.518	SIGN PANELS TYPE C	SQ FT	588	\$52.00	\$30,556.24	587.62	\$30,556.24	0	\$0.00
2564.602	INSTALL SIGN TYPE SPECIAL	EACH	1	\$200.00	\$200.00	1	\$200.00	0	\$0.00
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM C	LUMP SUM	1	\$16,200.00	\$16,200.00	0	\$0.00	1	\$16,200.00
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	1	\$240,000.00	\$240,000.00	1	\$240,000.00	0	\$0.00
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM C	SYS	1	\$210,000.00	\$210,000.00	0.25	\$52,500.00	0.75	\$157,500.00
2565.602	RIGID PVC LOOP DETECTOR 6' X 6'	EACH	2	\$2,000.00	\$4,000.00	2	\$4,000.00	0	\$0.00
2565.616	REVISE SIGNAL SYSTEM A	SYS	1	\$15,500.00	\$15,500.00	1	\$15,500.00	0	\$0.00
2565.616	REVISE SIGNAL SYSTEM B	SYS	1	\$15,000.00	\$15,000.00	1	\$15,000.00	0	\$0.00
2565.616	REVISE SIGNAL SYSTEM D	SYS	1	\$24,500.00	\$24,500.00	1	\$24,500.00	0	\$0.00
2573.501	STORM DRAIN INLET PROTECTION	EACH	44	\$50.00	\$2,200.00	44	\$2,200.00	0	\$0.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1	\$5,000.00	\$5,000.00	1	\$5,000.00	0	\$0.00
2573.502	CULVERT END CONTROLS	EACH	7	\$150.00	\$1,050.00	7	\$1,050.00	0	\$0.00
2573.503	SILT FENCE, TYPE MACHINE SLICED	LIN FT	6851	\$2.00	\$13,702.00	6851	\$13,702.00	0	\$0.00
2573.510	SEDIMENT REMOVAL BACKHOE	HOUR	13.7	\$200.00	\$2,740.40	13.7	\$2,740.40	0	\$0.00
2574.508	FERTILIZER TYPE 3	POUND	759	\$0.70	\$531.30	759	\$531.30	0	\$0.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	132	\$1.70	\$224.40	132	\$224.40	0	\$0.00
2575.505	SEEDING	ACRE	2.161	\$200.00	\$432.20	2.161	\$432.20	0	\$0.00
2575.505	DISK ANCHORING	ACRE	2.161	\$200.00	\$432.20	2	\$432.20	0	\$0.00
2575.508	SEED MIXTURE 25-121	POUND	132	\$3.50	\$461.37	132	\$461.37	0	\$0.00
2575.509	MULCH MATERIAL TYPE 1	TON	4.33	\$175.00	\$757.75	4.33	\$757.75	0	\$0.00
2575.523	RAPID STABILIZATION METHOD 3	MGAL	12.9	\$620.00	\$7,998.00	12.9	\$7,998.00	0	\$0.00
2580.503	INTERIM PAVEMENT MARKINGS	LIN FT	1788	\$0.25	\$447.00	1451	\$362.70	337	\$84.30
2581.503	REMOVABLE PREFORM PAVEMENT MARKING TAPE	LIN FT	4095	\$2.60	\$10,647.00	4095	\$10,647.00	0	\$0.00
2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK )	LIN FT	845	\$2.60	\$2,197.00	845	\$2,197.00	0	\$0.00
2581.618	REMOVABLE PREFORMED PLASTIC MASK (BLACK )	SQ FT	16	\$10.00	\$160.00	16	\$160.00	0	\$0.00
2582.503	4" SOLID LINE PAINT	LIN FT	42856	\$0.20	\$8,571.20	42856	\$8,571.20	0	\$0.00
2582.503	4" BROKEN LINE PAINT	LIN FT	50	\$0.20	\$10.00	50	\$10.00	0	\$0.00

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2582.503	4" DBLE SOLID LINE PAINT	LIN FT	8090	\$0.40	\$3,236.00	8090	\$3,236.00	0	\$0.00
2582.503	4" SOLID LINE MULTI COMP	LIN FT	34063	\$0.25	\$8,515.75	34063	\$8,515.75	0	\$0.00
2582.503	8" SOLID LINE MULTI COMP	LIN FT	570	\$0.60	\$342.00	570	\$342.00	0	\$0.00
2582.503	4" BROKEN LINE MULTI COMP	LIN FT	580	\$0.25	\$145.00	580	\$145.00	0	\$0.00
2582.503	8" DOTTED LINE MULTI COMP	LIN FT	0	\$1.50	\$0.00	0	\$0.00	0	\$0.00
2582.503	4" DBLE SOLID LINE MULTI COMP	LIN FT	11206	\$0.50	\$5,603.00	11206	\$5,603.00	0	\$0.00
2582.518	PAVT MSSG PREF THERMO	SQ FT	526	\$16.00	\$8,416.00	526	\$8,416.00	0	\$0.00
2582.518	CROSSWALK PREF THERMO	SQ FT	1818	\$9.00	\$16,362.00	1818	\$16,362.00	0	\$0.00
2582.603	PAVEMENT MARKING SPECIAL	LIN FT	2745	\$16.00	\$43,920.00	2745	\$43,920.00	0	\$0.00
<b>BASE BID TOTAL:</b>					<b>\$2,250,983.96</b>		<b>\$1,945,369.38</b>		<b>\$305,614.58</b>

002-716-021 - CSAH 116 (BUNKER LAKE BLVD) - FUNDING SPLITS					
	PROJECT TOTALS	ANOKA COUNTY TOTALS	ANOKA COUNTY STATE AID FUNDS	CITY OF RAMSEY TOTALS	CITY OF RAMSEY STATE AID FUNDS
ROADWAY	\$2,250,983.96	\$1,945,369.38	\$1,945,369.38	\$305,614.58	\$305,614.58
CONSTRUCTION TOTAL	\$2,250,983.96	\$1,945,369.38	\$1,945,369.38	\$305,614.58	\$305,614.58
8% CONSTRUCTION ENGINEERING	\$180,078.72	\$155,629.55	\$155,629.55	\$24,449.17	\$24,449.17
DESIGN ENGINEERING	\$0.00	\$0.00			
RIGHT OF WAY	\$4,800.00	\$0.00		\$4,800.00	\$4,800.00
COUNTY FURNISHED SIGNAL CABINET	\$30,000.00	\$7,500.00	\$7,500.00	\$22,500.00	\$22,500.00
UTILITY RELOCATION	\$0.00	\$0.00			
<b>PROJECT TOTAL</b>	<b>\$2,465,862.68</b>	<b>\$2,108,498.93</b>	<b>\$2,108,498.93</b>	<b>\$357,363.75</b>	<b>\$357,363.75</b>