



Anoka County Cost Participation
COMPARING ANOKA COUNTY COST PARTICIPATION
ON CONSTRUCTION PROJECTS WITH LOCAL METRO COUNTIES

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Summary

The Anoka County Cost Sharing Policy allows for the consistent and appropriate split of costs for projects constructed in Anoka County. This analysis compares the Anoka County Cost Sharing Policy with the Cost Sharing Policies used in the Minnesota Counties of Dakota, Hennepin, Ramsey and Washington. Instead of just comparing the policy differences, each policy was applied to an Anoka County federally funded construction project that was awarded in 2016.

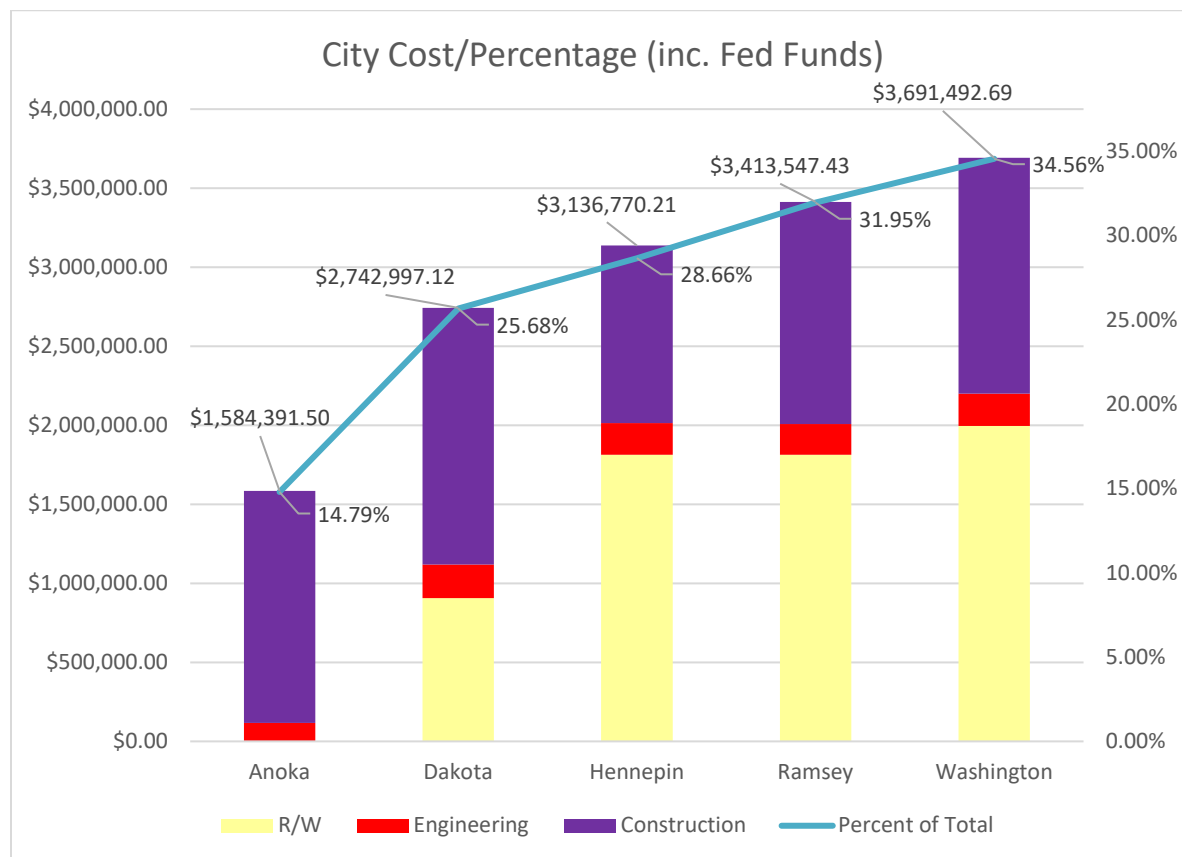
Project SP 002-611-034, CSAH 11 (Foley Boulevard), from Egret Boulevard through CSAH 11/12 (Northdale Boulevard), was used for the evaluation. The project reconstructed a two-lane undivided highway in the City of Coon Rapids into a four-lane highway with center median channelization. It was chosen because it represents an Anoka County “bread and butter” project, was federally funded, construction was completed within the past 3 years, and the different costs and cost share items have been finalized following Anoka County’s cost participation policy.

The Foley Boulevard project included a large cost for replacing the watermain for the entire section of roadway. The watermain costs from the analysis were removed to normalize the percentage a city would pay for a typical project. However, the removal of the watermain item assumes that the prorated costs remain the same. Theoretically, costs should be lower due to the removal of a large quantity of work. If the City was not replacing their watermain, there would be some relocation and adjustments of the watermain as a result of the project. These costs were not included in the comparison simply because there is no way to know what the costs would be.

Total Construction Cost for the Foley Boulevard project was \$6,203,697.09, which includes traffic signal material, actual construction engineering costs of \$466,378.77, and design engineering costs of \$384,261.81. Right-of-way costs for the project were \$3,628,245.63, which puts the Total Project Cost at \$10,682,583.30.

The City of Coon Rapids' total cost for the project was \$1,584,391.50, which includes \$745,901.51 for their share of federal funds. The city's total also included \$104,185.87 related to colored concrete costs. Overall, the city was responsible for about 14.8% of the project cost.

Results for all five counties, using the same project quantities and each county's cost participation policies, are summarized in the following chart:



Assumptions/Explanations for Differences

The funding summaries in Appendix A show different roadway and drainage costs for Hennepin County and Washington County. This is due to the different prorated items. Because the prorated costs are split over all the funding columns, total roadway and drainage costs vary. However, the construction total is the same for each county, except for a penny difference due to formula rounding.

Hennepin County pays 100% of the temporary signal costs and is the only county that specifically addresses the temporary signal costs. Anoka County considers these costs to be part of traffic control and prorates the costs as such. Because Dakota County, Ramsey County, and Washington County didn't specifically address these costs, it was assumed they prorated the temporary signal item the same as Anoka County. Temporary signal costs to the cities in these different counties are approximately \$30,000. Washington County prorates erosion control and is the only county to do this. This also results in an additional cost of \$30,000 for cities in Washington County.

Total project costs for Anoka County differ from the other four counties (\$10,710,399.29 vs \$10,682,583.30). The difference is because Anoka County charges a flat 8% for construction engineering, while the other counties use actual costs. This results in a \$27,815.99 difference in construction engineering and an additional \$6,500 for the city.

The sample project required the relocation of a Great River Energy (GRE) utility pole that was in its own easement. Because the pole was located in an easement and relocation was required for the project, it was paid for entirely by Anoka County as a right-of-way (ROW) impact cost. This type of relocation isn't specifically addressed in any county's policy, so it was assumed all counties would handle it the same as Anoka County. The total cost of the relocation was approximately \$50,000; the cost to a city in other counties would range from \$22,500 to \$27,500, depending upon each county's policy.

Because Dakota County splits their roadway costs with their cities, all participating roadway costs were placed in the Dakota County column, then split in the funding splits table. Therefore, the "City of Coon Rapids" column is blank. This was simpler than trying to split each item, thereby reducing the potential for errors.

Cost Share Policy Comparison

Dakota County's cost share policy is somewhat of an outlier when compared to the other four counties. Dakota County requires a city to pay a specific percentage of all project costs, while most other counties have more detailed cost sharing. This can result in a city in Dakota County paying up to 45% of a project's cost. However, a city's cost share in Dakota County is also capped at 25% along principal arterials, interchanges and segments designated for half mile, full access spacing which applies to most reconstruction projects, including this one. In the five counties evaluated, cities generally pay between 15% and 25% of a project's cost. All counties share federal funds with the cities in a similar manner.

The largest cost difference between Anoka County's cost share policy relates to ROW. Of the five counties, Anoka County's cost share policy is the only policy that does not require a significant share of the ROW cost; Anoka County pays 100% of ROW costs. Dakota County requires a city to pay up to 45% of the ROW cost (although 25% is typical); they are also the only county that has platting approval authority. Platting authority allows Dakota County to have developers dedicate the appropriate amount of ROW, thereby reducing their future ROW acquisition and costs. Hennepin County requires the city to pay 50% of the ROW cost, unless it is for parking lanes, which would be 100% city cost. Ramsey County expects the city to pay 50% of the ROW costs. Finally, in Washington County, if the ROW required in the Comprehensive Plan at the time of platting or redevelopment wasn't obtained by the city, the city will be responsible for 100% of those costs. If the property was not platted or redeveloped, the city will be responsible for 55% of the ROW costs. This policy incentivizes cities to plat the requested ROW.

All counties except Dakota County have the same storm sewer/drainage cost share policy: costs are based on the State Aid Letter or contributing areas. Dakota County will pay up to 75% of eligible storm sewer, based upon the State Aid letter or contributing flows.

Cost sharing of new traffic signals varies between counties. While Anoka County requires cities to pay for 50% of county legs plus all city legs, Hennepin County pays 25% of signal costs for intersections with two or less county legs and 50% of signal costs for intersections with three or more county legs. Hennepin County has a traffic signal ranking system and doesn't allow unwarranted traffic signals or signals that have a priority factor of less than 30. Ramsey County and Washington County each pay for their legs of the signal while Dakota County pays 75% of the signal costs.

Anoka County and Dakota County pay for county legs and cities pay for city legs when the signal is being replaced due to age. Hennepin County pays 50% of signal replacement costs with up to two county legs and 100% of replacement costs when there are three or more legs. Ramsey County and Washington County do not specifically address signal replacement cost share, so it is assumed that it is the same cost share as a new signal.

All counties require the city to contribute to the construction engineering costs for a project. Cities in Anoka County pay a flat 8% of their construction costs. Cities in Dakota County, Ramsey County and Washington County pay a percentage of the actual cost based on their participation percentage.

Construction engineering costs in Hennepin County are negotiated, but cities typically pay 8% of the construction costs. Design engineering costs have the same cost share as construction engineering costs, except Anoka County pays for 100% of project design costs and cities in Hennepin County typically pay 10% of their construction costs for design engineering.

It should be noted that Hennepin County has updated their cost participation policy since this comparison began and Dakota County is in the process of updating their policy. These updates are not reflected in this document.

APPENDIX A

FUNDING SPLITS SUMMARY AND COUNTY BY COUNTY LOW BID SUMMARIES

ANOKA COUNTY									
002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	ANOKA COUNTY TOTALS	ANOKA COUNTY FEDERAL FUNDS	ANOKA COUNTY STATE AID FUNDS	ANOKA COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.22	\$4,537,424.41	\$2,497,097.18	\$2,040,327.23		\$533,073.81	\$240,278.63	\$196,326.78	\$96,468.40
DRAINAGE (County 17.00% , City 83.00%)	\$1,106,936.19	\$188,179.15	\$103,561.31	\$84,617.84		\$918,757.04	\$505,622.88	\$413,134.16	
CONSTRUCTION TOTAL	\$6,177,434.41	\$4,725,603.56	\$2,600,658.49	\$2,124,945.07		\$1,451,830.850	\$745,901.51	\$609,460.94	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$9,848.51		\$9,848.51		\$16,414.180		\$16,414.18	
8% CONSTRUCTION ENGINEERING	\$494,194.75	\$378,048.28		\$378,048.28		\$116,146.470		\$108,429.00	\$7,717.47
DESIGN ENGINEERING	\$384,261.81	\$384,261.81		\$384,261.81					
RIGHT OF WAY	\$3,628,245.63	\$3,628,245.63		\$3,628,245.63					
UTILITY RELOCATION									
PROJECT TOTAL	\$10,710,399.29	\$9,126,007.79	\$2,600,658.49	\$6,525,349.30		\$1,584,391.50	\$745,901.51	\$734,304.12	\$104,185.87

DAKOTA COUNTY									
002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	DAKOTA COUNTY TOTALS	DAKOTA COUNTY FEDERAL FUNDS	DAKOTA COUNTY STATE AID FUNDS	DAKOTA COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.21	\$3,730,522.36	\$2,053,031.86	\$1,677,490.50		\$1,339,975.85	\$684,343.95	\$559,163.50	\$96,468.40
DRAINAGE (County 75.00% , City 25.00%)	\$1,106,936.19	\$830,202.14	\$456,888.14	\$373,314.00		\$276,734.05	\$152,296.05	\$124,438.00	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,560,724.50	\$2,509,920.00	\$2,050,804.50		\$1,616,709.900	\$836,640.00	\$683,601.50	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.670		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$349,784.08		\$349,784.08		\$116,594.690		\$114,775.82	\$7,275.51
DESIGN ENGINEERING	\$384,261.81	\$288,196.36		\$288,196.36		\$96,065.45		\$96,065.45	
RIGHT OF WAY	\$3,628,245.63	\$2,721,184.22		\$3,628,245.63		\$907,061.41		\$907,061.41	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$7,939,586.18	\$2,509,920.00	\$6,336,727.59		\$2,742,997.12	\$836,640.00	\$1,808,069.85	\$103,743.91

HENNEPIN COUNTY									
002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	HENNEPIN COUNTY TOTALS	HENNEPIN COUNTY FEDERAL FUNDS	HENNEPIN COUNTY STATE AID FUNDS	HENNEPIN COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,104,873.37	\$4,534,180.01	\$2,494,115.19	\$2,040,064.82		\$570,693.36	\$262,461.45	\$214,680.70	\$93,551.21
DRAINAGE (County 50.00% , City 50.00%)	\$1,072,561.03	\$536,280.52	\$294,991.88	\$241,288.84		\$536,280.52	\$294,991.68	\$241,288.84	
CONSTRUCTION TOTAL	\$6,177,434.40	\$5,070,460.53	\$2,789,106.87	\$2,281,353.66		\$1,106,973.880	\$557,453.13	\$455,969.54	\$93,551.21
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$9,848.51		\$9,848.51		\$16,414.180		\$16,414.18	
CONSTRUCTION ENGINEERING	\$494,194.75	\$405,635.05		\$405,635.05		\$88,559.700		\$81,097.36	\$7,462.34
DESIGN ENGINEERING	\$617,743.44	\$507,043.81		\$507,043.81		\$110,699.63		\$101,371.70	\$9,327.93
RIGHT OF WAY	\$3,628,245.63	\$1,814,122.81		\$1,814,122.81		\$1,814,122.82		\$1,814,122.82	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,943,880.91	\$7,807,110.71	\$2,789,106.87	\$5,018,003.84		\$3,136,770.21	\$557,453.13	\$2,468,975.60	\$110,341.48

RAMSEY COUNTY									
002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	RAMSEY COUNTY TOTALS	RAMSEY COUNTY FEDERAL FUNDS	RAMSEY COUNTY STATE AID FUNDS	RAMSEY COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.21	\$4,589,151.46	\$2,525,564.32	\$2,063,587.14		\$481,346.75	\$211,811.49	\$173,066.86	\$96,468.40
DRAINAGE (County 17.00% , City 83.00%)	\$1,106,936.19	\$188,179.15	\$103,561.31	\$84,617.84		\$918,757.04	\$505,622.88	\$413,134.16	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,777,330.61	\$2,629,125.63	\$2,148,204.98		\$1,400,103.790	\$717,434.37	\$586,201.02	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.670		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$360,697.34		\$360,697.34		\$105,681.430		\$98,405.92	\$7,275.51
DESIGN ENGINEERING	\$384,261.81	\$297,188.09		\$297,188.09		\$87,073.72		\$81,079.24	\$5,994.48
RIGHT OF WAY	\$3,628,245.63	\$1,814,122.81		\$1,814,122.81		\$1,814,122.82		\$1,814,122.82	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$7,269,035.87	\$2,629,125.63	\$4,639,910.24		\$3,413,547.43	\$717,434.37	\$2,586,374.67	\$109,738.39

WASHINGTON COUNTY									
002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	WASHINGTON COUNTY TOTALS	WASHINGTON COUNTY FEDERAL FUNDS	WASHINGTON COUNTY STATE AID FUNDS	WASHINGTON COUNTY LOCAL FUNDS	CITY TOTALS	CITY FEDERAL FUNDS	CITY STATE AID FUNDS	CITY LOCAL FUNDS
ROADWAY	\$5,042,317.86	\$4,499,566.67	\$2,477,244.49	\$2,022,322.18		\$542,751.19	\$244,375.06	\$199,497.91	\$98,878.22
DRAINAGE (County 17.00% , City 83.00%)	\$1,135,116.54	\$192,969.81	\$106,239.88	\$86,729.94		\$942,146.73	\$518,700.57	\$423,446.16	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,692,536.48	\$2,583,484.37	\$2,109,052.12		\$1,484,897.920	\$763,075.63	\$622,944.07	\$98,878.22
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.670		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$354,261.31		\$354,261.31		\$112,117.460		\$104,655.40	\$7,462.06
DESIGN ENGINEERING	\$384,261.81	\$291,885.27		\$291,885.27		\$92,376.54		\$86,228.35	\$6,148.19
RIGHT OF WAY	\$3,628,245.63	\$1,632,710.53		\$1,632,710.53		\$1,995,535.10		\$1,995,535.10	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$6,991,090.61	\$2,583,484.37	\$4,407,606.25		\$3,691,492.69	\$763,075.63	\$2,815,928.59	\$112,488.47

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		ANOKA COUNTY 002-611-034 QUANTITIES	ANOKA COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
				UNIT COST	TOTAL								
2011.601	VIBRATION MONITORING	LUMP SUM	1	\$40,000.00	\$40,000.00	1	\$40,000.00						
2021.501	MOBILIZATION	LUMP SUM	1	\$575,000.00	\$575,000.00	0.73	\$422,329.26	0.07	\$40,646.36	0.18	\$103,037.23	0.02	\$8,987.14
2031.501	FIELD OFFICE TYPE D	EACH	1	\$15,000.00	\$15,000.00	0.73	\$11,017.29	0.07	\$1,060.34	0.18	\$2,687.93	0.02	\$234.45
2041.610	TRAINEES	HOURL	960.75	\$1.00	\$960.75	960.75	\$960.75						
2101.502	CLEARING	TREE	477	\$100.00	\$47,700.00	477	\$47,700.00						
2101.507	GRUBBING	TREE	394	\$50.00	\$19,700.00	394	\$19,700.00						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	19693.5	\$0.80	\$15,754.80	19693.5	\$15,754.80						
2103.507	DISCONNECT WATER SERVICE	EACH	3	\$200.00	\$600.00	3	\$600.00						
2104.501	REMOVE WATER MAIN	LIN FT		\$7.00									
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	5247	\$16.00	\$83,952.00	5247	\$83,952.00						
2104.501	REMOVE CURB & GUTTER	LIN FT	21565	\$3.00	\$64,695.00	21565	\$64,695.00						
2104.501	REMOVE RETAINING WALL	LIN FT	891	\$8.00	\$7,128.00	891	\$7,128.00						
2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	270.4	\$35.00	\$9,464.00	270.4	\$9,464.00						
2104.501	REMOVE WATER SERVICE PIPE	LIN FT		\$2.00									
2104.505	REMOVE CONCRETE WALK	SQ YD	4603	\$5.50	\$25,316.50	4603	\$25,316.50						
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	2801.8	\$7.00	\$19,612.60	2801.8	\$19,612.60						
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	6367.4	\$6.00	\$38,204.40	6367.4	\$38,204.40						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	41854.8	\$3.00	\$125,564.40	41854.8	\$125,564.40						
2104.509	REMOVE UTILITY VAULT	EACH		\$1,000.00									
2104.509	REMOVE GATE VALVE & BOX	EACH		\$300.00									
2104.509	REMOVE HYDRANT	EACH		\$600.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	85	\$450.00	\$38,250.00	85	\$38,250.00						
2104.509	REMOVE SIGN TYPE C	EACH	143	\$25.00	\$3,575.00	143	\$3,575.00						
2104.509	REMOVE SIGNAL SYSTEM	EACH	1	\$9,000.00	\$9,000.00	1	\$9,000.00						
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	694	\$6.00	\$4,164.00	694	\$4,164.00						
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	3286.5	\$2.65	\$8,709.23	3286.5	\$8,709.23						
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	20	\$25.00	\$500.00	20	\$500.00						
2105.501	COMMON EXCAVATION	CU YD	32581.3	\$13.00	\$423,556.90	32581.3	\$423,556.90						
2105.507	SUBGRADE EXCAVATION	CU YD	19460	\$4.00	\$77,840.00	19460	\$77,840.00						
2105.522	SELECT GRANULAR BORROW (LV)	CU YD		\$0.01	\$ -								
2105.607	COMMON BORROW SPECIAL (CV) (POND A)	CU YD	462	\$35.00	\$16,170.00					462	\$16,170.00		
2105.607	COMMON BORROW SPECIAL (CV) (POND B)	CU YD	871	\$38.00	\$33,098.00					871	\$33,098.00		
2130.501	WATER	M GALLONS	471	\$30.00	\$14,130.00	471	\$14,130.00						
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	13581	\$0.01	\$135.81	12605	\$126.05	976	\$9.76				
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	4845	\$2.00	\$9,690.00	4845	\$9,690.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1257.46	\$84.60	\$106,381.12	764.46	\$64,673.32	493	\$41,707.80				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	11328.25	\$67.90	\$769,188.18	11328.25	\$769,188.18						
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	6695.11	\$59.50	\$398,359.05	6695.11	\$398,359.05						
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1355	\$32.00	\$43,360.00	1355	\$43,360.00						
2501.515	15" RC PIPE APRON	EACH	2	\$600.00	\$1,200.00					2	\$1,200.00		
2501.515	27" RC PIPE APRON	EACH	1	\$850.00	\$850.00					1	\$850.00		
2501.515	30" RC PIPE APRON	EACH	1	\$900.00	\$900.00					1	\$900.00		
2502.541	4" PERF TP PIPE DRAIN	LIN FT	762	\$8.00	\$6,096.00					762	\$6,096.00		
2503.521	28" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT		\$58.00	\$ -								
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	3361	\$29.00	\$97,469.00					3361	\$97,469.00		
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	1638	\$29.00	\$47,502.00					1638	\$47,502.00		
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	1173	\$34.00	\$39,882.00					1173	\$39,882.00		
2503.541	21" RC PIPE SEWER DES 3006 CL V	LIN FT	388	\$35.00	\$13,580.00					388	\$13,580.00		
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	432	\$35.00	\$15,120.00					432	\$15,120.00		
2503.541	24" RC PIPE SEWER DES 3006 CL V	LIN FT	304	\$40.00	\$12,160.00					304	\$12,160.00		
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	915.5	\$41.00	\$37,535.50					915.5	\$37,535.50		
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	345	\$58.00	\$20,010.00					345	\$20,010.00		
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	350	\$52.00	\$18,200.00					350	\$18,200.00		
2503.541	30" RC PIPE SEWER DES 3006 CL V	LIN FT	106	\$72.00	\$7,632.00					106	\$7,632.00		
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	624	\$72.00	\$44,928.00					624	\$44,928.00		
2503.541	36" RC PIPE SEWER DES 3006 CL V	LIN FT	32	\$95.00	\$3,040.00					32	\$3,040.00		
2504.601	TEMPORARY WATER SERVICE	LUMP SUM		\$150,000.00									
2504.602	CONNECT TO EXISTING WATER MAIN	EACH		\$1,000.00									
2504.602	CONNECT TO EXISTING WATER SERVICE	EACH		\$250.00									
2504.602	HYDRANT	EACH		\$4,900.00									
2504.602	1" CORPORATION STOP	EACH		\$325.00									
2504.602	2" CORPORATION STOP	EACH		\$625.00									
2504.602	16" BUTTERFLY VALVE & BOX	EACH		\$5,000.00									
2504.602	18" BUTTERFLY VALVE & BOX	EACH		\$5,900.00									
2504.602	30" BUTTERFLY VALVE & BOX	EACH		\$19,000.00									
2504.602	6" GATE VALVE & BOX	EACH		\$1,800.00									
2504.602	8" GATE VALVE & BOX	EACH		\$2,300.00									
2504.602	12" GATE VALVE & BOX	EACH		\$3,800.00									
2504.602	6" GATE VALVE	EACH		\$1,800.00									
2504.602	CURB STOP & BOX	EACH		\$400.00									
2504.603	WATER SERVICE (DIRECTIONAL DRILLED)	LIN FT		\$33.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		ANOKA COUNTY 002-611-034 QUANTITIES	ANOKA COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2504.603	HYDRANT RISER	LIN FT		\$1,000.00									
2504.603	LOWER WATERMAIN	LIN FT		\$14.00									
2504.603	TAP SERVICE PIPING 1"	LIN FT		\$22.00									
2504.603	TAP SERVICE PIPING 2"	LIN FT		\$45.00									
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$65.00									
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$74.00									
2504.603	16" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$150.00									
2504.603	30" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$205.00									
2504.603	8" PVC WATERMAIN	LIN FT		\$37.00									
2504.603	12" PVC WATERMAIN	LIN FT		\$45.00									
2504.603	18" PVC WATERMAIN	LIN FT		\$60.00									
2504.603	30" PVC WATERMAIN	LIN FT		\$160.00									
2504.604	4" POLYSTYRENE INSULATION	SQ YD		\$56.00									
2504.608	DUCTILE IRON FITTINGS	POUND		\$5.50									
2506.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	204.6	\$300.00	\$61,380.00					204.6	\$61,380.00		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	286.65	\$300.00	\$85,995.00					286.65	\$85,995.00		
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	215.3	\$350.00	\$75,355.00					215.3	\$75,355.00		
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	125.35	\$325.00	\$40,738.75					125.35	\$40,738.75		
2506.501	CONST DRAINAGE STRUCTURE DES 66-4020	LIN FT	29.55	\$425.00	\$12,558.75					29.55	\$12,558.75		
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	64.75	\$425.00	\$27,518.75					64.75	\$27,518.75		
2506.501	CONST DRAINAGE STRUCTURE DES 78-4020	LIN FT	7.9	\$500.00	\$3,950.00					7.9	\$3,950.00		
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	31.2	\$750.00	\$23,400.00					31.2	\$23,400.00		
2506.501	CONST DRAINAGE STRUCTURE DES 120-4020	LIN FT	24.89	\$1,200.00	\$29,868.00					24.89	\$29,868.00		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	52.4	\$250.00	\$13,100.00			52.4	\$13,100.00				
2506.516	CASTING ASSEMBLY	EACH	202	\$550.00	\$111,100.00					202	\$111,100.00		
2506.522	ADJUST FRAME & RING CASTING	EACH	42	\$450.00	\$18,900.00	42	\$18,900.00						
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	16	\$1,000.00	\$16,000.00					16	\$16,000.00		
2506.602	CONNECT INTO EXISTING STORM SEWER	EACH	12	\$600.00	\$7,200.00					12	\$7,200.00		
2506.602	BAFFLE PANEL	EACH	5	\$6,800.00	\$34,000.00					5	\$34,000.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	27.15	\$175.00	\$4,751.25					27.15	\$4,751.25		
2511.515	GEOTEXTILE FILTER TYPE III	SQ YD	76.7	\$3.00	\$230.10					76.7	\$230.10		
2521.501	4" CONCRETE WALK	SQ FT	58149.3	\$5.00	\$290,746.50	58149.3	\$290,746.50						
2521.501	6" CONCRETE WALK	SQ FT	6646.1	\$5.50	\$36,553.55	5752.25	\$31,637.38	893.85	\$4,916.18				
2521.618	SPECIAL SURFACE TREATMENT	SQ FT	19484.8	\$4.25	\$82,810.40							19484.8	\$82,810.40
2531.501	CONCRETE CURB & GUTTER DESIGN B418 (MOD)	LIN FT	10713.5	\$12.25	\$131,240.38	10713.5	\$131,240.38						
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	13983	\$12.65	\$176,884.95	7242	\$91,611.30	6741	\$85,273.65				
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1418	\$20.00	\$28,360.00	1418	\$28,360.00						
2531.501	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT		\$18.00									
2531.501	CONCRETE CURB & GUTTER DESIGN S518	LIN FT	1727.5	\$17.50	\$30,231.25	344	\$6,020.00	1383.5	\$24,211.25				
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3031.9	\$52.00	\$157,658.80	3031.9	\$157,658.80						
2531.618	TRUNCATED DOMES	SQ FT	760	\$30.00	\$22,800.00	408	\$12,240.00	352	\$10,560.00				
2533.507	PORTABLE PRECAST CONCRETE BARRIER DES 8337	LIN FT	1720	\$15.00	\$25,800.00	1263.3	\$18,949.50	121.6	\$1,824.00	308.2	\$4,623.00	26.9	\$403.50
2533.508	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT		\$4.00									
2540.602	INSTALL MONUMENT BOX	EACH		\$175.00									
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	100	\$100.00	\$10,000.00	100	\$10,000.00						
2554.615	IMPACT ATTENUATOR	ASSEMBLY	9	\$2,000.00	\$18,000.00	6.70	\$13,400.00	0.60	\$1,200.00	1.60	\$3,200.00	0.10	\$200.00
2557.501	WIRE FENCE DESIGN 48V-9322	LIN FT	1435	\$15.00	\$21,525.00	1435	\$21,525.00						
2557.517	VEHICULAR GATE-SPECIAL	EACH	12	\$1,100.00	\$13,200.00	12	\$13,200.00						
2557.602	INSTALL VEHICULAR GATE	EACH		\$485.00									
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$7,200.00	\$7,200.00	0.73	\$5,288.30	0.07	\$508.96	0.18	\$1,290.21	0.02	\$112.53
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$90,000.00	\$90,000.00	0.73	\$66,103.71	0.07	\$6,362.04	0.18	\$16,127.57	0.02	\$1,406.68
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	640	\$1.50	\$960.00	470	\$705.15	45.2	\$67.80	114.7	\$172.05	10	\$15.00
2563.610	POLICE OFFICER	HOURL	27	\$120.00	\$3,240.00	20	\$2,388.00	1.9	\$228.00	4.8	\$576.00	0.4	\$48.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	48	\$125.00	\$6,000.00	48	\$6,000.00						
2564.531	SIGN PANELS TYPE C	SQ FT	1599.75	\$31.00	\$49,592.25	1599.75	\$49,592.25						
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	10	\$150.00	\$1,500.00	10	\$1,500.00						
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM B	SIG SYS	1	\$180,000.00	\$180,000.00	0.375	\$67,500.00	0.625	\$112,500.00				
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LUMP SUM	1	\$2,000.00	\$2,000.00			1	\$2,000.00				
2565.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	1	\$45,000.00	\$45,000.00	1	\$45,000.00						
2565.602	SIGNAL SERVICE CABINET	EACH	2	\$12,000.00	\$24,000.00	0.625	\$7,500.00	1.375	\$16,500.00				
2565.616	REVISE SIGNAL SYSTEM "A"	SYSTEM	1	\$85,000.00	\$85,000.00	0.25	\$21,250.00	0.75	\$63,750.00				
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	\$70,000.00	\$70,000.00	0.73	\$51,414.00	0.07	\$4,948.25	0.18	\$12,543.66	0.02	\$1,094.09
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	\$74,000.00	\$74,000.00	0.73	\$54,351.94	0.07	\$5,231.01	0.18	\$13,260.44	0.02	\$1,156.61
2573.502	SILT FENCE, TYPE MS	LIN FT	457	\$1.70	\$776.90	457	\$776.90						
2573.530	STORM DRAIN INLET PROTECTION	EACH	201	\$150.00	\$30,150.00	201	\$30,150.00						
2574.508	FERTILIZER TYPE 2	POUND	581	\$1.00	\$581.00	581	\$581.00						
2575.501	SEEDING	ACRE	1.39	\$1,000.00	\$1,390.00	1.39	\$1,390.00						
2575.502	SEED MIXTURE 25-131	POUND	230	\$4.00	\$920.00	230	\$920.00						
2575.502	SEED MIXTURE 25-151	POUND	28	\$5.00	\$140.00	28	\$140.00						
2575.502	SEED MIXTURE 33-261	POUND		\$40.00									
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	15859.5	\$5.40	\$85,641.30	15859.5	\$85,641.30						
2575.511	MULCH MATERIAL TYPE 3	TON		\$600.00									

						PARTICIPATING- FEDERAL FUNDS							
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2575.519	DISK ANCHORING	ACRE		\$225.00									
2575.523	EROSION CONTROL BLANKETS CATEGORY 00	SQ YD	7976	\$1.40	\$11,166.40	7976	\$11,166.40						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (BLACK)	LIN FT	819	\$2.25	\$1,842.75	819	\$1,842.75						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (WHITE)	LIN FT	5015	\$1.35	\$6,770.25	5015	\$6,770.25						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (YELLOW)	LIN FT	5911	\$1.35	\$7,979.85	5911	\$7,979.85						
2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	7	\$50.00	\$350.00	7	\$350.00						
2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	4	\$50.00	\$200.00	4	\$200.00						
2582.501	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	12	\$375.00	\$4,500.00	12	\$4,500.00						
2582.501	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$375.00	\$3,750.00	10	\$3,750.00						
2582.502	4" SOLID LINE WHITE-PAINT	LIN FT	29191	\$0.15	\$4,378.65	29191	\$4,378.65						
2582.502	8" SOLID LINE WHITE-PAINT	LIN FT	96	\$0.50	\$48.00	96	\$48.00						
2582.502	24" SOLID LINE WHITE-PAINT	LIN FT	170	\$3.00	\$510.00	170	\$510.00						
2582.502	4" SOLID LINE YELLOW-PAINT	LIN FT	478	\$0.15	\$71.70	478	\$71.70						
2582.502	24" SOLID LINE YELLOW-PAINT	LIN FT	60	\$2.50	\$150.00	60	\$150.00						
2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	LIN FT	21122	\$0.30	\$6,336.60	21122	\$6,336.60						
2582.502	24" SOLID LINE WHITE - PREFORMED THERMOPLASTIC	LIN FT	285	\$18.40	\$5,244.00	285	\$5,244.00						
2582.502	24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC	LIN FT	317	\$18.40	\$5,832.80	317	\$5,832.80						
2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	25897	\$0.27	\$6,992.19	25897	\$6,992.19						
2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	2310	\$0.27	\$623.70	2310	\$623.70						
2582.502	4" SOLID LINE YELLOW-EPOXY	LIN FT	13314	\$0.27	\$3,594.78	13314	\$3,594.78						
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	LIN FT	2675	\$0.54	\$1,444.50	2675	\$1,444.50						
2582.503	CROSSWALK MARKING-PAINT	SQ FT		\$1.25									
2582.503	CROSSWALK MARKING - PREFORMED THERMOPLASTIC	SQ FT	1296	\$11.60	\$15,033.60	1296	\$15,033.60						
BS# 1													
2563.601	FLAG PERSON	HOURL	319	\$1.00	\$319.00	319	\$319.00						
BS# 2													
2550.562	TRAFFIC WARNING SIGN TYPE C	DOLLAR	3,588.13	\$1.00	\$3,588.13	3,588.13	\$3,588.13						
BS# 3													
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	98.5	\$55.00	\$5,417.50	98.5	\$5,417.50						
BS# 4													
2041.621	TRAINEES	DOLLAR	8646.75	\$1.00	\$8,646.75	8646.75	\$8,646.75						
BS# 5													
2573.603	BIOROLL	LIN FT	300	\$4.00	\$1,200.00	300	\$1,200.00						
BS# 6													
2360.609	BITUMINOUS DENSITY INCENTIVE/DISINCENTIVE	LUMP SUM	1	\$19,280.09	\$19,280.09	1	\$19,280.09						
CO# 1													
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	0	\$1.00	\$ -	0							
2575.571	RAPID STABILIZATION METHOD 3	MGAL	26	\$566.00	\$14,716.00	26	\$14,716.00						
WO# 1													
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	97	\$16.00	\$1,552.00	97	\$1,552.00						
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	7	\$450.00	\$3,150.00	7	\$3,150.00						
2104.523	SALVAGE CASTING	EACH	8	\$147.00	\$1,176.00	8	\$1,176.00						
2503.511	12" CS PIPE SEWER	LIN FT	162	\$26.00	\$4,212.00	162	\$4,212.00						
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	8	\$1,000.00	\$8,000.00	8	\$8,000.00						
2506.501	CONSTRUT DRAINAGE STRUCTURE DESIGN H	LIN FT	36.25	\$300.00	\$10,875.00	36.25	\$10,875.00						
2506.521	INSTALL CASTING	EACH	9	\$295.00	\$2,655.00	9	\$2,655.00						
2535.501	BITUMINOUS CURB	LINFT	2696	\$2.75	\$7,414.00	2696	\$7,414.00						
WO# 2													
2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	497.5	\$234.42	\$116,623.95	497.5	\$116,623.95						
WO# 3													
2123.610	MOTOR GRADER	DOLLAR	23512.27	\$1.00	\$23,512.27	23512.27	\$23,512.27						
WO# 4													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM		\$1,562.92									
2504.602	CONNECT TO EXISTING WATERMAIN	EACH		\$11,161.50									
WO# 5													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM	1	\$17,852.77	\$17,852.77	1	\$17,852.77						
WO# 6													
2557.517	VEHICULAR GATE-SINGLE	EACH	2	\$1,760.00	\$3,520.00	2	\$3,520.00						
2557.523	METAL BRACE ASSEMBLY (CH LINK FENCE)	EACH	36	\$247.50	\$8,910.00	36	\$8,910.00						
WO# 7													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	LUMP SUM	1	\$3,248.04	\$3,248.04	1	\$3,248.04						
2105.601	COMMON CHANNEL EXCAVATION	LUMP SUM	1	\$4,022.55	\$4,022.55	1	\$4,022.55						
2211.501	AGGREGATE BASE CLASS 5	TON	61.5	\$40.00	\$2,460.00	61.5	\$2,460.00						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	35.54	\$198.76	\$7,063.93	35.54	\$7,063.93						
2521.604	4" CONCRETE WALK	SQ YD	5.4	\$96.03	\$518.56	5.4	\$518.56						
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	217	\$30.23	\$6,559.91	217	\$6,559.91						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87	\$79.33	\$6,901.71	87	\$6,901.71						
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,344.68	\$1,344.68	1	\$1,344.68						
WO# 8													
2021.501	MOBILIZATION	LUMP SUM	1	\$1,540.00	\$1,540.00	1	\$1,540.00						
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	261	\$2.64	\$689.04	261	\$689.04						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1567	\$0.88	\$1,378.96	1567	\$1,378.96						

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2104.523 WO#9	SALVAGE SIGN TYOE C	EACH	2	\$192.50	\$385.00	2	\$385.00						
2118.501 WO#10	AGGREGATE SURFACING CLASS 5 DRIVEWAYS	DOLLAR	4,365.35	\$4,365.35	\$4,365.35	4,365.35	\$4,365.35						
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	EACH	1	\$6,704.34	\$6,704.34	1	\$6,704.34						
BASE BID TOTAL:				\$6,177,434.40			\$4,537,424.41		\$436,605.41		\$1,106,936.19		\$96,468.40

Funding Type	STP	Funding Group:				
STIP Project Cost	\$5,206,810.00					
		Totals:	\$6,177,434.40	\$4,537,424.41	\$436,605.41	\$1,106,936.19
		Total Federal Eligible Items:	\$6,080,966.01	\$4,537,424.41	\$436,605.41	\$1,106,936.19
		Federal Funds Available:	\$3,346,560.00	\$2,497,097.18	\$240,278.63	\$609,184.19
		% Federal Funding	55.03%			

002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	ANOKA COUNTY TOTALS	ANOKA COUNTY FEDERAL FUNDS	ANOKA COUNTY STATE AID FUNDS	ANOKA COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.22	\$4,537,424.41	\$2,497,097.18	\$2,040,327.23		\$533,073.81	\$240,278.63	\$196,326.78	\$96,468.40
DRAINAGE (County 17.00% , City 83.00%)	\$1,106,936.19	\$188,179.15	\$103,561.31	\$84,617.84		\$918,757.04	\$505,622.88	\$413,134.16	
CONSTRUCTION TOTAL	\$6,177,434.41	\$4,725,603.56	\$2,600,658.49	\$2,124,945.07		\$1,451,830.850	\$745,901.51	\$609,460.94	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$9,848.51		\$9,848.51		\$16,414.180		\$16,414.18	
8% CONSTRUCTION ENGINEERING	\$494,194.75	\$378,048.28		\$378,048.28		\$116,146.470		\$108,429.00	\$7,717.47
DESIGN ENGINEERING	\$384,261.81	\$384,261.81		\$384,261.81					
RIGHT OF WAY	\$3,628,245.63	\$3,628,245.63		\$3,628,245.63					
UTILITY RELOCATION									
PROJECT TOTAL	\$10,710,399.29	\$9,126,007.79	\$2,600,658.49	\$6,525,349.30		\$1,584,391.50	\$745,901.51	\$734,304.12	\$104,185.87

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				UNIT COST	TOTAL								
2011.601	VIBRATION MONITORING	LUMP SUM	1	\$40,000.00	\$40,000.00	1	\$40,000.00						
2021.501	MOBILIZATION	LUMP SUM	1	\$575,000.00	\$575,000.00	0.81	\$462,975.63			0.18	\$103,037.23	0.02	\$8,987.14
2031.501	FIELD OFFICE TYPE D	EACH	1	\$15,000.00	\$15,000.00	0.81	\$12,077.63			0.18	\$2,687.93	0.02	\$234.45
2041.610	TRAINEES	HOUR	960.75	\$1.00	\$960.75	960.75	\$960.75						
2101.502	CLEARING	TREE	477	\$100.00	\$47,700.00	477	\$47,700.00						
2101.507	GRUBBING	TREE	394	\$50.00	\$19,700.00	394	\$19,700.00						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	19693.5	\$0.80	\$15,754.80	19693.5	\$15,754.80						
2103.507	DISCONNECT WATER SERVICE	EACH	3	\$200.00	\$600.00	3	\$600.00						
2104.501	REMOVE WATER MAIN	LIN FT		\$7.00									
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	5247	\$16.00	\$83,952.00	5247	\$83,952.00						
2104.501	REMOVE CURB & GUTTER	LIN FT	21565	\$3.00	\$64,695.00	21565	\$64,695.00						
2104.501	REMOVE RETAINING WALL	LIN FT	891	\$8.00	\$7,128.00	891	\$7,128.00						
2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	270.4	\$35.00	\$9,464.00	270.4	\$9,464.00						
2104.501	REMOVE WATER SERVICE PIPE	LIN FT		\$2.00									
2104.505	REMOVE CONCRETE WALK	SQ YD	4603	\$5.50	\$25,316.50	4603	\$25,316.50						
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	2801.8	\$7.00	\$19,612.60	2801.8	\$19,612.60						
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	6367.4	\$6.00	\$38,204.40	6367.4	\$38,204.40						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	41854.8	\$3.00	\$125,564.40	41854.8	\$125,564.40						
2104.509	REMOVE UTILITY VAULT	EACH		\$1,000.00									
2104.509	REMOVE GATE VALVE & BOX	EACH		\$300.00									
2104.509	REMOVE HYDRANT	EACH		\$600.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	85	\$450.00	\$38,250.00	85	\$38,250.00						
2104.509	REMOVE SIGN TYPE C	EACH	143	\$25.00	\$3,575.00	143	\$3,575.00						
2104.509	REMOVE SIGNAL SYSTEM	EACH	1	\$9,000.00	\$9,000.00	1	\$9,000.00						
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	694	\$6.00	\$4,164.00	694	\$4,164.00						
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	3286.5	\$2.65	\$8,709.23	3286.5	\$8,709.23						
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	20	\$25.00	\$500.00	20	\$500.00						
2105.501	COMMON EXCAVATION	CU YD	32581.3	\$13.00	\$423,656.90	32581.3	\$423,556.90						
2105.507	SUBGRADE EXCAVATION	CU YD	19460	\$4.00	\$77,840.00	19460	\$77,840.00						
2105.522	SELECT GRANULAR BORROW (LV)	CU YD		\$0.01	\$ -								
2105.607	COMMON BORROW SPECIAL (CV) (POND A)	CU YD	462	\$35.00	\$16,170.00					462	\$16,170.00		
2105.607	COMMON BORROW SPECIAL (CV) (POND B)	CU YD	871	\$38.00	\$33,098.00					871	\$33,098.00		
2130.501	WATER	M GALLONS	471	\$30.00	\$14,130.00	471	\$14,130.00						
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	13581	\$0.01	\$135.81	13581	\$135.81						
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	4845	\$2.00	\$9,690.00	4845	\$9,690.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1257.46	\$84.60	\$106,381.12	1257.46	\$106,381.12						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	11328.25	\$67.90	\$769,188.18	11328.25	\$769,188.18						
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	6695.11	\$59.50	\$398,359.05	6695.11	\$398,359.05						
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1355	\$32.00	\$43,360.00	1355	\$43,360.00						
2501.515	15" RC PIPE APRON	EACH	2	\$600.00	\$1,200.00					2	\$1,200.00		
2501.515	27" RC PIPE APRON	EACH	1	\$850.00	\$850.00					1	\$850.00		
2501.515	30" RC PIPE APRON	EACH	1	\$900.00	\$900.00					1	\$900.00		
2502.541	4" PERF TP PIPE DRAIN	LIN FT	762	\$8.00	\$6,096.00					762	\$6,096.00		
2503.521	28" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT		\$58.00	\$ -								
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	3361	\$29.00	\$97,469.00					3361	\$97,469.00		
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	1638	\$29.00	\$47,502.00					1638	\$47,502.00		
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	1173	\$34.00	\$39,882.00					1173	\$39,882.00		
2503.541	21" RC PIPE SEWER DES 3006 CL V	LIN FT	388	\$35.00	\$13,580.00					388	\$13,580.00		
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	432	\$35.00	\$15,120.00					432	\$15,120.00		
2503.541	24" RC PIPE SEWER DES 3006 CL V	LIN FT	304	\$40.00	\$12,160.00					304	\$12,160.00		
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	915.5	\$41.00	\$37,535.50					915.5	\$37,535.50		
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	345	\$58.00	\$20,010.00					345	\$20,010.00		
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	350	\$52.00	\$18,200.00					350	\$18,200.00		
2503.541	30" RC PIPE SEWER DES 3006 CL V	LIN FT	106	\$72.00	\$7,632.00					106	\$7,632.00		
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	624	\$72.00	\$44,928.00					624	\$44,928.00		
2503.541	36" RC PIPE SEWER DES 3006 CL V	LIN FT	32	\$95.00	\$3,040.00					32	\$3,040.00		
2504.601	TEMPORARY WATER SERVICE	LUMP SUM		\$150,000.00									
2504.602	CONNECT TO EXISTING WATER MAIN	EACH		\$1,000.00									
2504.602	CONNECT TO EXISTING WATER SERVICE	EACH		\$250.00									
2504.602	HYDRANT	EACH		\$4,900.00									
2504.602	1" CORPORATION STOP	EACH		\$325.00									
2504.602	2" CORPORATION STOP	EACH		\$625.00									
2504.602	16" BUTTERFLY VALVE & BOX	EACH		\$5,000.00									
2504.602	18" BUTTERFLY VALVE & BOX	EACH		\$5,900.00									
2504.602	30" BUTTERFLY VALVE & BOX	EACH		\$19,000.00									
2504.602	6" GATE VALVE & BOX	EACH		\$1,800.00									
2504.602	8" GATE VALVE & BOX	EACH		\$2,300.00									
2504.602	12" GATE VALVE & BOX	EACH		\$3,800.00									
2504.602	6" GATE VALVE	EACH		\$1,800.00									
2504.602	CURB STOP & BOX	EACH		\$400.00									
2504.603	WATER SERVICE (DIRECTIONAL DRILLED)	LIN FT		\$33.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		DAKOTA COUNTY 002-611-034 QUANTITIES	DAKOTA COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2504.603	HYDRANT RISER	LIN FT		\$1,000.00									
2504.603	LOWER WATERMAIN	LIN FT		\$14.00									
2504.603	TAP SERVICE PIPING 1"	LIN FT		\$22.00									
2504.603	TAP SERVICE PIPING 2"	LIN FT		\$45.00									
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$65.00									
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$74.00									
2504.603	16" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$150.00									
2504.603	30" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$205.00									
2504.603	8" PVC WATERMAIN	LIN FT		\$37.00									
2504.603	12" PVC WATERMAIN	LIN FT		\$45.00									
2504.603	18" PVC WATERMAIN	LIN FT		\$60.00									
2504.603	30" PVC WATERMAIN	LIN FT		\$160.00									
2504.604	4" POLYSTYRENE INSULATION	SQ YD		\$56.00									
2504.608	DUCTILE IRON FITTINGS	POUND		\$5.50									
2506.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	204.6	\$300.00	\$61,380.00					204.6	\$61,380.00		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	286.65	\$300.00	\$85,995.00					286.65	\$85,995.00		
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	215.3	\$350.00	\$75,355.00					215.3	\$75,355.00		
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	125.35	\$325.00	\$40,738.75					125.35	\$40,738.75		
2506.501	CONST DRAINAGE STRUCTURE DES 66-4020	LIN FT	29.55	\$425.00	\$12,558.75					29.55	\$12,558.75		
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	64.75	\$425.00	\$27,518.75					64.75	\$27,518.75		
2506.501	CONST DRAINAGE STRUCTURE DES 78-4020	LIN FT	7.9	\$500.00	\$3,950.00					7.9	\$3,950.00		
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	31.2	\$750.00	\$23,400.00					31.2	\$23,400.00		
2506.501	CONST DRAINAGE STRUCTURE DES 120-4020	LIN FT	24.89	\$1,200.00	\$29,868.00					24.89	\$29,868.00		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	52.4	\$250.00	\$13,100.00	52.4	\$13,100.00						
2506.516	CASTING ASSEMBLY	EACH	202	\$550.00	\$111,100.00					202	\$111,100.00		
2506.522	ADJUST FRAME & RING CASTING	EACH	42	\$450.00	\$18,900.00	42	\$18,900.00						
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	16	\$1,000.00	\$16,000.00					16	\$16,000.00		
2506.602	CONNECT INTO EXISTING STORM SEWER	EACH	12	\$600.00	\$7,200.00					12	\$7,200.00		
2506.602	BAFFLE PANEL	EACH	5	\$6,800.00	\$34,000.00					5	\$34,000.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	27.15	\$175.00	\$4,751.25					27.15	\$4,751.25		
2511.515	GEOTEXTILE FILTER TYPE III	SQ YD	76.7	\$3.00	\$230.10					76.7	\$230.10		
2521.501	4" CONCRETE WALK	SQ FT	58149.3	\$5.00	\$290,746.50	58149.3	\$290,746.50						
2521.501	6" CONCRETE WALK	SQ FT	6646.1	\$5.50	\$36,553.55	6646.1	\$36,553.55						
2521.618	SPECIAL SURFACE TREATMENT	SQ FT	19484.8	\$4.25	\$82,810.40							19484.8	\$82,810.40
2531.501	CONCRETE CURB & GUTTER DESIGN B418 (MOD)	LIN FT	10713.5	\$12.25	\$131,240.38	10713.5	\$131,240.38						
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	13983	\$12.65	\$176,884.95	13983	\$176,884.95						
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1418	\$20.00	\$28,360.00	1418	\$28,360.00						
2531.501	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT		\$18.00									
2531.501	CONCRETE CURB & GUTTER DESIGN S518	LIN FT	1727.5	\$17.50	\$30,231.25	1727.5	\$30,231.25						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3031.9	\$52.00	\$157,658.80	3031.9	\$157,658.80						
2531.618	TRUNCATED DOMES	SQ FT	760	\$30.00	\$22,800.00	760	\$22,800.00						
2533.507	PORTABLE PRECAST CONCRETE BARRIER DES 8337	LIN FT	1720	\$15.00	\$25,800.00	1384.90	\$20,773.50			308.20	\$4,623.00	26.90	\$403.50
2533.508	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT		\$4.00									
2540.602	INSTALL MONUMENT BOX	EACH		\$175.00									
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	100	\$100.00	\$10,000.00	100	\$10,000.00						
2554.615	IMPACT ATTENUATOR	ASSEMBLY	9	\$2,000.00	\$18,000.00	7.30	\$14,600.00			1.60	\$3,200.00	0.10	\$200.00
2557.501	WIRE FENCE DESIGN 48V-9322	LIN FT	1435	\$15.00	\$21,525.00	1435	\$21,525.00						
2557.517	VEHICULAR GATE-SPECIAL	EACH	12	\$1,100.00	\$13,200.00	12	\$13,200.00						
2557.602	INSTALL VEHICULAR GATE	EACH		\$485.00									
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$7,200.00	\$7,200.00	0.81	\$5,797.26			0.18	\$1,290.21	0.02	\$112.53
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$90,000.00	\$90,000.00	0.81	\$72,465.75			0.18	\$16,127.57	0.02	\$1,406.68
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	640	\$1.50	\$960.00	515.30	\$772.95			114.70	\$172.05	10.00	\$15.00
2563.610	POLICE OFFICER	HOURL	27	\$120.00	\$3,240.00	21.80	\$2,616.00			4.80	\$576.00	0.40	\$48.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	48	\$125.00	\$6,000.00	48	\$6,000.00						
2564.531	SIGN PANELS TYPE C	SQ FT	1599.75	\$31.00	\$49,592.25	1599.75	\$49,592.25						
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	10	\$150.00	\$1,500.00	10	\$1,500.00						
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM B	SIG SYS	1	\$180,000.00	\$180,000.00	1	\$180,000.00						
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LUMP SUM	1	\$2,000.00	\$2,000.00	1	\$2,000.00						
2565.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	1	\$45,000.00	\$45,000.00	1	\$45,000.00						
2565.602	SIGNAL SERVICE CABINET	EACH	2	\$12,000.00	\$24,000.00	2	\$24,000.00						
2565.616	REVISE SIGNAL SYSTEM "A"	SYSTEM	1	\$85,000.00	\$85,000.00	1	\$85,000.00						
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	\$70,000.00	\$70,000.00	0.81	\$56,362.25			0.18	\$12,543.66	0.02	\$1,094.09
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	\$74,000.00	\$74,000.00	0.81	\$59,582.95			0.18	\$13,260.44	0.02	\$1,156.61
2573.502	SILT FENCE, TYPE MS	LIN FT	457	\$1.70	\$776.90	457	\$776.90						
2573.530	STORM DRAIN INLET PROTECTION	EACH	201	\$150.00	\$30,150.00	201	\$30,150.00						
2574.508	FERTILIZER TYPE 2	POUND	581	\$1.00	\$581.00	581	\$581.00						
2575.501	SEEDING	ACRE	1.39	\$1,000.00	\$1,390.00	1.39	\$1,390.00						
2575.502	SEED MIXTURE 25-131	POUND	230	\$4.00	\$920.00	230	\$920.00						
2575.502	SEED MIXTURE 25-151	POUND	28	\$5.00	\$140.00	28	\$140.00						
2575.502	SEED MIXTURE 33-261	POUND		\$40.00									
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	15859.5	\$5.40	\$85,641.30	15859.5	\$85,641.30						
2575.511	MULCH MATERIAL TYPE 3	TON		\$600.00									

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2575.519	DISK ANCHORING	ACRE		\$225.00									
2575.523	EROSION CONTROL BLANKETS CATEGORY 00	SQ YD	7976	\$1.40	\$11,166.40	7976	\$11,166.40						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (BLACK)	LIN FT	819	\$2.25	\$1,842.75	819	\$1,842.75						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (WHITE)	LIN FT	5015	\$1.35	\$6,770.25	5015	\$6,770.25						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (YELLOW)	LIN FT	5911	\$1.35	\$7,979.85	5911	\$7,979.85						
2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	7	\$50.00	\$350.00	7	\$350.00						
2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	4	\$50.00	\$200.00	4	\$200.00						
2582.501	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	12	\$375.00	\$4,500.00	12	\$4,500.00						
2582.501	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$375.00	\$3,750.00	10	\$3,750.00						
2582.502	4" SOLID LINE WHITE-PAINT	LIN FT	29191	\$0.15	\$4,378.65	29191	\$4,378.65						
2582.502	8" SOLID LINE WHITE-PAINT	LIN FT	96	\$0.50	\$48.00	96	\$48.00						
2582.502	24" SOLID LINE WHITE-PAINT	LIN FT	170	\$3.00	\$510.00	170	\$510.00						
2582.502	4" SOLID LINE YELLOW-PAINT	LIN FT	478	\$0.15	\$71.70	478	\$71.70						
2582.502	24" SOLID LINE YELLOW-PAINT	LIN FT	60	\$2.50	\$150.00	60	\$150.00						
2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	LIN FT	21122	\$0.30	\$6,336.60	21122	\$6,336.60						
2582.502	24" SOLID LINE WHITE - PREFORMED THERMOPLASTIC	LIN FT	285	\$18.40	\$5,244.00	285	\$5,244.00						
2582.502	24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC	LIN FT	317	\$18.40	\$5,832.80	317	\$5,832.80						
2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	25897	\$0.27	\$6,992.19	25897	\$6,992.19						
2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	2310	\$0.27	\$623.70	2310	\$623.70						
2582.502	4" SOLID LINE YELLOW-EPOXY	LIN FT	13314	\$0.27	\$3,594.78	13314	\$3,594.78						
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	LIN FT	2675	\$0.54	\$1,444.50	2675	\$1,444.50						
2582.503	CROSSWALK MARKING-PAINT	SQ FT		\$1.25									
2582.503	CROSSWALK MARKING - PREFORMED THERMOPLASTIC	SQ FT	1296	\$11.60	\$15,033.60	1296	\$15,033.60						
BS# 1													
2563.601	FLAG PERSON	HOUR	319	\$1.00	\$319.00	319	\$319.00						
BS# 2													
2550.562	TRAFFIC WARNING SIGN TYPE C	DOLLAR	3,588.13	\$1.00	\$3,588.13	3,588.13	\$3,588.13						
BS# 3													
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	98.5	\$55.00	\$5,417.50	98.5	\$5,417.50						
BS# 4													
2041.621	TRAINEES	DOLLAR	8646.75	\$1.00	\$8,646.75	8646.75	\$8,646.75						
BS# 5													
2573.603	BIOROLL	LIN FT	300	\$4.00	\$1,200.00	300	\$1,200.00						
BS# 6													
2360.609	BITUMINOUS DENSITY INCENTIVE/DISINCENTIVE	LUMP SUM	1	\$19,280.09	\$19,280.09	1	\$19,280.09						
CO# 1													
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	0	\$1.00	\$0	0							
2575.571	RAPID STABILIZATION METHOD 3	MGAL	26	\$566.00	\$14,716.00	26	\$14,716.00						
WO# 1													
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	97	\$16.00	\$1,552.00	97	\$1,552.00						
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	7	\$450.00	\$3,150.00	7	\$3,150.00						
2104.523	SALVAGE CASTING	EACH	8	\$147.00	\$1,176.00	8	\$1,176.00						
2503.511	12" CS PIPE SEWER	LIN FT	162	\$26.00	\$4,212.00	162	\$4,212.00						
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	8	\$1,000.00	\$8,000.00	8	\$8,000.00						
2506.501	CONSTRUT DRAINAGE STRUCTURE DESIGN H	LIN FT	36.25	\$300.00	\$10,875.00	36.25	\$10,875.00						
2506.521	INSTALL CASTING	EACH	9	\$295.00	\$2,655.00	9	\$2,655.00						
2535.501	BITUMINOUS CURB	LINFT	2696	\$2.75	\$7,414.00	2696	\$7,414.00						
WO# 2													
2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	497.5	\$234.42	\$116,623.95	497.5	\$116,623.95						
WO# 3													
2123.610	MOTOR GRADER	DOLLAR	23512.27	\$1.00	\$23,512.27	23512.27	\$23,512.27						
WO# 4													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM		\$1,562.92									
2504.602	CONNECT TO EXISTING WATERMAIN	EACH		\$11,161.50									
WO# 5													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM	1	\$17,852.77	\$17,852.77	1	\$17,852.77						
WO# 6													
2557.517	VEHICULAR GATE-SINGLE	EACH	2	\$1,760.00	\$3,520.00	2	\$3,520.00						
2557.523	METAL BRACE ASSEMBLY (CH LINK FENCE)	EACH	36	\$247.50	\$8,910.00	36	\$8,910.00						
WO# 7													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	LUMP SUM	1	\$3,248.04	\$3,248.04	1	\$3,248.04						
2105.601	COMMON CHANNEL EXCAVATION	LUMP SUM	1	\$4,022.55	\$4,022.55	1	\$4,022.55						
2211.501	AGGREGATE BASE CLASS 5	TON	61.5	\$40.00	\$2,460.00	61.5	\$2,460.00						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	35.54	\$198.76	\$7,063.93	35.54	\$7,063.93						
2521.604	4" CONCRETE WALK	SQ YD	5.4	\$96.03	\$518.56	5.4	\$518.56						
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	217	\$30.23	\$6,559.91	217	\$6,559.91						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87	\$79.33	\$6,901.71	87	\$6,901.71						
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,344.68	\$1,344.68	1	\$1,344.68						
WO# 8													
2021.501	MOBILIZATION	LUMP SUM	1	\$1,540.00	\$1,540.00	1	\$1,540.00						
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	261	\$2.64	\$689.04	261	\$689.04						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1567	\$0.88	\$1,378.96	1567	\$1,378.96						

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		DAKOTA COUNTY 002-611-034 QUANTITIES	DAKOTA COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2104.523	SALVAGE SIGN TYOE C	EACH	2	\$192.50	\$385.00	2	\$385.00						
WO#9													
2118.501	AGGREGATE SURFACING CLASS 5 DRIVEWAYS	DOLLAR	4,365.35	\$4,365.35	\$4,365.35	4,365.35	\$4,365.35						
WO#10													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	EACH	1	\$6,704.34	\$6,704.34	1	\$6,704.34						
BASE BID TOTAL:				\$6,177,434.40		\$4,974,029.81				\$1,106,936.19		\$96,468.40	

Funding Type	STP
STIP Project Cost	\$5,206,810.00

Funding Group:	Group 1	Group 2	Group 5	Group 7
Totals:	\$6,177,434.40	\$4,974,029.81	\$1,106,936.19	\$96,468.40
Total Federal Eligible Items:	\$6,080,966.00	\$4,974,029.81	\$1,106,936.19	
Federal Funds Available:	\$3,346,560.00	\$2,737,375.81	\$609,184.19	
% Federal Funding	55.03%			

002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	DAKOTA COUNTY TOTALS	DAKOTA COUNTY FEDERAL FUNDS	DAKOTA COUNTY STATE AID FUNDS	DAKOTA COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.21	\$3,730,522.36	\$2,053,031.86	\$1,677,490.50		\$1,339,975.85	\$684,343.95	\$559,163.50	\$96,468.40
DRAINAGE (County 75.00% , City 25.00%)	\$1,106,936.19	\$830,202.14	\$456,888.14	\$373,314.00		\$276,734.05	\$152,296.05	\$124,438.00	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,560,724.50	\$2,509,920.00	\$2,050,804.50		\$1,616,709.90	\$836,640.00	\$683,601.50	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.67		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$349,784.08		\$349,784.08		\$116,594.69		\$114,775.82	\$7,275.51
DESIGN ENGINEERING	\$384,261.81	\$288,196.36		\$288,196.36		\$96,065.45		\$96,065.45	
RIGHT OF WAY	\$3,628,245.63	\$2,721,184.22		\$3,628,245.63		\$907,061.41		\$907,061.41	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$7,939,586.18	\$2,509,920.00	\$6,336,727.59		\$2,742,997.12	\$836,640.00	\$1,808,069.85	\$103,743.91

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		HENNEPIN COUNTY 002-611-034 QUANTITIES	HENNEPIN COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
				UNIT COST	TOTAL								
2011.601	VIBRATION MONITORING	LUMP SUM	1	\$40,000.00	\$40,000.00	1	\$40,000.00						
2021.501	MOBILIZATION	LUMP SUM	1	\$575,000.00	\$575,000.00	0.73	\$417,138.23	0.08	\$45,837.40	0.18	\$103,037.23	0.02	\$8,987.14
2031.501	FIELD OFFICE TYPE D	EACH	1	\$15,000.00	\$15,000.00	0.73	\$10,881.87	0.08	\$1,195.76	0.18	\$2,687.93	0.02	\$234.45
2041.610	TRAINEES	HOURL	960.75	\$1.00	\$960.75	960.75	\$960.75						
2101.502	CLEARING	TREE	477	\$100.00	\$47,700.00	477	\$47,700.00						
2101.507	GRUBBING	TREE	394	\$50.00	\$19,700.00	394	\$19,700.00						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	19693.5	\$0.80	\$15,754.80	19693.5	\$15,754.80						
2103.507	DISCONNECT WATER SERVICE	EACH	3	\$200.00	\$600.00	3	\$600.00						
2104.501	REMOVE WATER MAIN	LIN FT		\$7.00									
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	5247	\$16.00	\$83,952.00	5247	\$83,952.00						
2104.501	REMOVE CURB & GUTTER	LIN FT	21565	\$3.00	\$64,695.00	21565	\$64,695.00						
2104.501	REMOVE RETAINING WALL	LIN FT	891	\$8.00	\$7,128.00	891	\$7,128.00						
2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	270.4	\$35.00	\$9,464.00	270.4	\$9,464.00						
2104.501	REMOVE WATER SERVICE PIPE	LIN FT		\$2.00									
2104.505	REMOVE CONCRETE WALK	SQ YD	4603	\$5.50	\$25,316.50	4603	\$25,316.50						
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	2801.8	\$7.00	\$19,612.60	2801.8	\$19,612.60						
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	6367.4	\$6.00	\$38,204.40	6367.4	\$38,204.40						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	41854.8	\$3.00	\$125,564.40	41854.8	\$125,564.40						
2104.509	REMOVE UTILITY VAULT	EACH		\$1,000.00									
2104.509	REMOVE GATE VALVE & BOX	EACH		\$300.00									
2104.509	REMOVE HYDRANT	EACH		\$600.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	85	\$450.00	\$38,250.00	85	\$38,250.00						
2104.509	REMOVE SIGN TYPE C	EACH	143	\$25.00	\$3,575.00	143	\$3,575.00						
2104.509	REMOVE SIGNAL SYSTEM	EACH	1	\$9,000.00	\$9,000.00	1	\$9,000.00						
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	694	\$6.00	\$4,164.00	694	\$4,164.00						
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	3286.5	\$2.65	\$8,709.23	3286.5	\$8,709.23						
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	20	\$25.00	\$500.00	20	\$500.00						
2105.501	COMMON EXCAVATION	CU YD	32581.3	\$13.00	\$423,556.90	32581.3	\$423,556.90						
2105.507	SUBGRADE EXCAVATION	CU YD	19460	\$4.00	\$77,840.00	19460	\$77,840.00						
2105.522	SELECT GRANULAR BORROW (LV)	CU YD		\$0.01									
2105.607	COMMON BORROW SPECIAL (CV) (POND A)	CU YD	462	\$35.00	\$16,170.00					462	\$16,170.00		
2105.607	COMMON BORROW SPECIAL (CV) (POND B)	CU YD	871	\$38.00	\$33,098.00					871	\$33,098.00		
2130.501	WATER	M GALLONS	471	\$30.00	\$14,130.00	471	\$14,130.00						
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	13581	\$0.01	\$135.81	11896	\$118.96	1685	\$16.85				
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	4845	\$2.00	\$9,690.00	4845	\$9,690.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1257.46	\$84.60	\$106,381.12	764.46	\$64,673.32	493	\$41,707.80				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	11328.25	\$67.90	\$769,188.18	10890.85	\$739,488.72	437.4	\$29,699.46				
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	6695.11	\$59.50	\$398,359.05	6257.71	\$372,333.75	437.4	\$26,025.30				
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1355	\$32.00	\$43,360.00	677.5	\$21,680.00	677.5	\$21,680.00				
2501.515	15" RC PIPE APRON	EACH	2	\$600.00	\$1,200.00					2	\$1,200.00		
2501.515	27" RC PIPE APRON	EACH	1	\$850.00	\$850.00					1	\$850.00		
2501.515	30" RC PIPE APRON	EACH	1	\$900.00	\$900.00					1	\$900.00		
2502.541	4" PERF TP PIPE DRAIN	LIN FT	762	\$8.00	\$6,096.00					762	\$6,096.00		
2503.521	28" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT		\$58.00									
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	3361	\$29.00	\$97,469.00					3361	\$97,469.00		
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	1638	\$29.00	\$47,502.00					1638	\$47,502.00		
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	1173	\$34.00	\$39,882.00					1173	\$39,882.00		
2503.541	21" RC PIPE SEWER DES 3006 CL V	LIN FT	388	\$35.00	\$13,580.00					388	\$13,580.00		
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	432	\$35.00	\$15,120.00					432	\$15,120.00		
2503.541	24" RC PIPE SEWER DES 3006 CL V	LIN FT	304	\$40.00	\$12,160.00					304	\$12,160.00		
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	915.5	\$41.00	\$37,535.50					915.5	\$37,535.50		
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	345	\$58.00	\$20,010.00					345	\$20,010.00		
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	350	\$52.00	\$18,200.00					350	\$18,200.00		
2503.541	30" RC PIPE SEWER DES 3006 CL V	LIN FT	106	\$72.00	\$7,632.00					106	\$7,632.00		
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	624	\$72.00	\$44,928.00					624	\$44,928.00		
2503.541	36" RC PIPE SEWER DES 3006 CL V	LIN FT	32	\$95.00	\$3,040.00					32	\$3,040.00		
2504.601	TEMPORARY WATER SERVICE	LUMP SUM		\$150,000.00									
2504.602	CONNECT TO EXISTING WATER MAIN	EACH		\$1,000.00									
2504.602	CONNECT TO EXISTING WATER SERVICE	EACH		\$250.00									
2504.602	HYDRANT	EACH		\$4,900.00									
2504.602	1" CORPORATION STOP	EACH		\$325.00									
2504.602	2" CORPORATION STOP	EACH		\$625.00									
2504.602	16" BUTTERFLY VALVE & BOX	EACH		\$5,000.00									
2504.602	18" BUTTERFLY VALVE & BOX	EACH		\$5,900.00									
2504.602	30" BUTTERFLY VALVE & BOX	EACH		\$19,000.00									
2504.602	6" GATE VALVE & BOX	EACH		\$1,800.00									
2504.602	8" GATE VALVE & BOX	EACH		\$2,300.00									
2504.602	12" GATE VALVE & BOX	EACH		\$3,800.00									
2504.602	6" GATE VALVE	EACH		\$1,800.00									
2504.602	CURB STOP & BOX	EACH		\$400.00									
2504.603	WATER SERVICE (DIRECTIONAL DRILLED)	LIN FT		\$33.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		HENNEPIN COUNTY 002-611-034 QUANTITIES	HENNEPIN COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2504.603	HYDRANT RISER	LIN FT		\$1,000.00									
2504.603	LOWER WATERMAIN	LIN FT		\$14.00									
2504.603	TAP SERVICE PIPING 1"	LIN FT		\$22.00									
2504.603	TAP SERVICE PIPING 2"	LIN FT		\$45.00									
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$65.00									
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$74.00									
2504.603	16" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$150.00									
2504.603	30" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$205.00									
2504.603	8" PVC WATERMAIN	LIN FT		\$37.00									
2504.603	12" PVC WATERMAIN	LIN FT		\$45.00									
2504.603	18" PVC WATERMAIN	LIN FT		\$60.00									
2504.603	30" PVC WATERMAIN	LIN FT		\$160.00									
2504.604	4" POLYSTYRENE INSULATION	SQ YD		\$56.00									
2504.608	DUCTILE IRON FITTINGS	POUND		\$5.50									
2506.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	204.6	\$300.00	\$61,380.00					204.6	\$61,380.00		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	286.65	\$300.00	\$85,995.00					286.65	\$85,995.00		
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	215.3	\$350.00	\$75,355.00					215.3	\$75,355.00		
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	125.35	\$325.00	\$40,738.75					125.35	\$40,738.75		
2506.501	CONST DRAINAGE STRUCTURE DES 66-4020	LIN FT	29.55	\$425.00	\$12,558.75					29.55	\$12,558.75		
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	64.75	\$425.00	\$27,518.75					64.75	\$27,518.75		
2506.501	CONST DRAINAGE STRUCTURE DES 78-4020	LIN FT	7.9	\$500.00	\$3,950.00					7.9	\$3,950.00		
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	31.2	\$750.00	\$23,400.00					31.2	\$23,400.00		
2506.501	CONST DRAINAGE STRUCTURE DES 120-4020	LIN FT	24.89	\$1,200.00	\$29,868.00					24.89	\$29,868.00		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	52.4	\$250.00	\$13,100.00	52.4	\$13,100.00						
2506.516	CASTING ASSEMBLY	EACH	202	\$550.00	\$111,100.00					202	\$111,100.00		
2506.522	ADJUST FRAME & RING CASTING	EACH	42	\$450.00	\$18,900.00	42	\$18,900.00						
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	16	\$1,000.00	\$16,000.00					16	\$16,000.00		
2506.602	CONNECT INTO EXISTING STORM SEWER	EACH	12	\$600.00	\$7,200.00					12	\$7,200.00		
2506.602	BAFFLE PANEL	EACH	5	\$6,800.00	\$34,000.00					5	\$34,000.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	27.15	\$175.00	\$4,751.25					27.15	\$4,751.25		
2511.515	GEOTEXTILE FILTER TYPE III	SQ YD	76.7	\$3.00	\$230.10					76.7	\$230.10		
2521.501	4" CONCRETE WALK	SQ FT	58149.3	\$5.00	\$290,746.50	58149.3	\$290,746.50						
2521.501	6" CONCRETE WALK	SQ FT	6646.1	\$5.50	\$36,553.55	5752.25	\$31,637.38	893.85	\$4,916.18				
2521.618	SPECIAL SURFACE TREATMENT	SQ FT	19484.8	\$4.25	\$82,810.40							19484.8	\$82,810.40
2531.501	CONCRETE CURB & GUTTER DESIGN B418 (MOD)	LIN FT	10713.5	\$12.25	\$131,240.38	10713.5	\$131,240.38						
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	13983	\$12.65	\$176,884.95	7242	\$91,611.30	6741	\$85,273.65				
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1418	\$20.00	\$28,360.00	1418	\$28,360.00						
2531.501	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT		\$18.00									
2531.501	CONCRETE CURB & GUTTER DESIGN S518	LIN FT	1727.5	\$17.50	\$30,231.25			1727.5	\$30,231.25				
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3031.9	\$52.00	\$157,658.80	3031.9	\$157,658.80						
2531.618	TRUNCATED DOMES	SQ FT	760	\$30.00	\$22,800.00	408	\$12,240.00	352	\$10,560.00				
2533.507	PORTABLE PRECAST CONCRETE BARRIER DES 8337	LIN FT	1720	\$15.00	\$25,800.00	1720.00	\$25,800.00						
2533.508	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT		\$4.00									
2540.602	INSTALL MONUMENT BOX	EACH		\$175.00									
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	100	\$100.00	\$10,000.00	100	\$10,000.00						
2554.615	IMPACT ATTENUATOR	ASSEMBLY	9	\$2,000.00	\$18,000.00	9.00	\$18,000.00						
2557.501	WIRE FENCE DESIGN 48V-9322	LIN FT	1435	\$15.00	\$21,525.00	1435	\$21,525.00						
2557.517	VEHICULAR GATE-SPECIAL	EACH	12	\$1,100.00	\$13,200.00	12	\$13,200.00						
2557.602	INSTALL VEHICULAR GATE	EACH		\$485.00									
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$7,200.00	\$7,200.00	0.73	\$5,223.30	0.08	\$573.96	0.18	\$1,290.21	0.02	\$112.53
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$90,000.00	\$90,000.00	0.73	\$65,291.20	0.08	\$7,174.55	0.18	\$16,127.57	0.02	\$1,406.68
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	640	\$1.50	\$960.00	640.00	\$960.00						
2563.610	POLICE OFFICER	HOURL	27	\$120.00	\$3,240.00	27.00	\$3,240.00						
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	48	\$125.00	\$6,000.00	48	\$6,000.00						
2564.531	SIGN PANELS TYPE C	SQ FT	1599.75	\$31.00	\$49,592.25	1599.75	\$49,592.25						
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	10	\$150.00	\$1,500.00	10	\$1,500.00						
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM B	SIG SYS	1	\$180,000.00	\$180,000.00	0.5	\$90,000.00	0.5	\$90,000.00				
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LUMP SUM	1	\$2,000.00	\$2,000.00			1	\$2,000.00				
2565.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	1	\$45,000.00	\$45,000.00	1	\$45,000.00						
2565.602	SIGNAL SERVICE CABINET	EACH	2	\$12,000.00	\$24,000.00	0.625	\$7,500.00	1.375	\$16,500.00				
2565.616	REVISE SIGNAL SYSTEM "A"	SYSTEM	1	\$85,000.00	\$85,000.00	0.25	\$21,250.00	0.75	\$63,750.00				
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	\$70,000.00	\$70,000.00	1.00	\$70,000.00						
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	\$74,000.00	\$74,000.00	1.00	\$74,000.00						
2573.502	SILT FENCE, TYPE MS	LIN FT	457	\$1.70	\$776.90	457	\$776.90						
2573.530	STORM DRAIN INLET PROTECTION	EACH	201	\$150.00	\$30,150.00	201	\$30,150.00						
2574.508	FERTILIZER TYPE 2	POUND	581	\$1.00	\$581.00	581	\$581.00						
2575.501	SEEDING	ACRE	1.39	\$1,000.00	\$1,390.00	1.39	\$1,390.00						
2575.502	SEED MIXTURE 25-131	POUND	230	\$4.00	\$920.00	230	\$920.00						
2575.502	SEED MIXTURE 25-151	POUND	28	\$5.00	\$140.00	28	\$140.00						
2575.502	SEED MIXTURE 33-261	POUND		\$40.00									
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	15859.5	\$5.40	\$85,641.30	15859.5	\$85,641.30						
2575.511	MULCH MATERIAL TYPE 3	TON		\$600.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		HENNEPIN COUNTY 002-611-034 QUANTITIES	HENNEPIN COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2575.519	DISK ANCHORING	ACRE		\$225.00									
2575.523	EROSION CONTROL BLANKETS CATEGORY 00	SQ YD	7976	\$1.40	\$11,166.40	7976	\$11,166.40						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (BLACK)	LIN FT	819	\$2.25	\$1,842.75	819	\$1,842.75						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (WHITE)	LIN FT	5015	\$1.35	\$6,770.25	5015	\$6,770.25						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (YELLOW)	LIN FT	5911	\$1.35	\$7,979.85	5911	\$7,979.85						
2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	7	\$50.00	\$350.00	7	\$350.00						
2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	4	\$50.00	\$200.00	4	\$200.00						
2582.501	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	12	\$375.00	\$4,500.00	12	\$4,500.00						
2582.501	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$375.00	\$3,750.00	10	\$3,750.00						
2582.502	4" SOLID LINE WHITE-PAINT	LIN FT	29191	\$0.15	\$4,378.65	29191	\$4,378.65						
2582.502	8" SOLID LINE WHITE-PAINT	LIN FT	96	\$0.50	\$48.00	96	\$48.00						
2582.502	24" SOLID LINE WHITE-PAINT	LIN FT	170	\$3.00	\$510.00	170	\$510.00						
2582.502	4" SOLID LINE YELLOW-PAINT	LIN FT	478	\$0.15	\$71.70	478	\$71.70						
2582.502	24" SOLID LINE YELLOW-PAINT	LIN FT	60	\$2.50	\$150.00	60	\$150.00						
2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	LIN FT	21122	\$0.30	\$6,336.60	21122	\$6,336.60						
2582.502	24" SOLID LINE WHITE - PREFORMED THERMOPLASTIC	LIN FT	285	\$18.40	\$5,244.00	285	\$5,244.00						
2582.502	24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC	LIN FT	317	\$18.40	\$5,832.80	317	\$5,832.80						
2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	25897	\$0.27	\$6,992.19	25897	\$6,992.19						
2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	2310	\$0.27	\$623.70	2310	\$623.70						
2582.502	4" SOLID LINE YELLOW-EPOXY	LIN FT	13314	\$0.27	\$3,594.78	13314	\$3,594.78						
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	LIN FT	2675	\$0.54	\$1,444.50	2675	\$1,444.50						
2582.503	CROSSWALK MARKING-PAINT	SQ FT		\$1.25									
2582.503	CROSSWALK MARKING - PREFORMED THERMOPLASTIC	SQ FT	1296	\$11.60	\$15,033.60	1296	\$15,033.60						
BS# 1													
2563.601	FLAG PERSON	HOURL	319	\$1.00	\$319.00	319	\$319.00						
BS# 2													
2550.562	TRAFFIC WARNING SIGN TYPE C	DOLLAR	3,588.13	\$1.00	\$3,588.13	3,588.13	\$3,588.13						
BS# 3													
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	98.5	\$55.00	\$5,417.50	98.5	\$5,417.50						
BS# 4													
2041.621	TRAINEES	DOLLAR	8646.75	\$1.00	\$8,646.75	8646.75	\$8,646.75						
BS# 5													
2573.603	BIOROLL	LIN FT	300	\$4.00	\$1,200.00	300	\$1,200.00						
BS# 6													
2360.609	BITUMINOUS DENSITY INCENTIVE/DISINCENTIVE	LUMP SUM	1	\$19,280.09	\$19,280.09	1	\$19,280.09						
CO# 1													
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	0	\$1.00	\$ -	0							
2575.571	RAPID STABILIZATION METHOD 3	MGAL	26	\$566.00	\$14,716.00	26	\$14,716.00						
WO# 1													
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	97	\$16.00	\$1,552.00	97	\$1,552.00						
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	7	\$450.00	\$3,150.00	7	\$3,150.00						
2104.523	SALVAGE CASTING	EACH	8	\$147.00	\$1,176.00	8	\$1,176.00						
2503.511	12" CS PIPE SEWER	LIN FT	162	\$26.00	\$4,212.00	162	\$4,212.00						
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	8	\$1,000.00	\$8,000.00	8	\$8,000.00						
2506.501	CONSTRUT DRAINAGE STRUCTURE DESIGN H	LIN FT	36.25	\$300.00	\$10,875.00	36.25	\$10,875.00						
2506.521	INSTALL CASTING	EACH	9	\$295.00	\$2,655.00	9	\$2,655.00						
2535.501	BITUMINOUS CURB	LIN FT	2696	\$2.75	\$7,414.00	2696	\$7,414.00						
WO# 2													
2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	497.5	\$234.42	\$116,623.95	497.5	\$116,623.95						
WO# 3													
2123.610	MOTOR GRADER	DOLLAR	23512.27	\$1.00	\$23,512.27	23512.27	\$23,512.27						
WO# 4													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM		\$1,562.92									
2504.602	CONNECT TO EXISTING WATERMAIN	EACH		\$11,161.50									
WO# 5													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM	1	\$17,852.77	\$17,852.77	1	\$17,852.77						
WO# 6													
2557.517	VEHICULAR GATE-SINGLE	EACH	2	\$1,760.00	\$3,520.00	2	\$3,520.00						
2557.523	METAL BRACE ASSEMBLY (CH LINK FENCE)	EACH	36	\$247.50	\$8,910.00	36	\$8,910.00						
WO# 7													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	LUMP SUM	1	\$3,248.04	\$3,248.04	1	\$3,248.04						
2105.601	COMMON CHANNEL EXCAVATION	LUMP SUM	1	\$4,022.55	\$4,022.55	1	\$4,022.55						
2211.501	AGGREGATE BASE CLASS 5	TON	61.5	\$40.00	\$2,460.00	61.5	\$2,460.00						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	35.54	\$198.76	\$7,063.93	35.54	\$7,063.93						
2521.604	4" CONCRETE WALK	SQ YD	5.4	\$96.03	\$518.56	5.4	\$518.56						
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	217	\$30.23	\$6,559.91	217	\$6,559.91						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87	\$79.33	\$6,901.71	87	\$6,901.71						
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,344.68	\$1,344.68	1	\$1,344.68						
WO# 8													
2021.501	MOBILIZATION	LUMP SUM	1	\$1,540.00	\$1,540.00	1	\$1,540.00						
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	261	\$2.64	\$689.04	261	\$689.04						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1567	\$0.88	\$1,378.96	1567	\$1,378.96						

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		HENNEPIN COUNTY 002-611-034 QUANTITIES	HENNEPIN COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2104.523 WO#9	SALVAGE SIGN TYOE C	EACH	2	\$192.50	\$385.00	2	\$385.00						
2118.501 WO#10	AGGREGATE SURFACING CLASS 5 DRIVEWAYS	DOLLAR	4,365.35	\$4,365.35	\$4,365.35	4,365.35	\$4,365.35						
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	EACH	1	\$6,704.34	\$6,704.34	1	\$6,704.34						
BASE BID TOTAL:				\$6,177,434.40			\$4,534,180.01		\$477,142.15		\$1,072,561.03		\$93,551.21

Funding Type	STP
STIP Project Cost	\$5,206,810.00

Funding Group:		Group 1	Group 2	Group 5	Group 7
Totals:	\$6,177,434.40	\$4,534,180.01	\$477,142.15	\$1,072,561.03	\$93,551.21
Total Federal Eligible Items:	\$6,083,883.19	\$4,534,180.01	\$477,142.15	\$1,072,561.03	
Federal Funds Available:	\$3,346,560.00	\$2,494,115.19	\$262,461.45	\$589,983.36	
% Federal Funding	55.01%				

002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	HENNEPIN COUNTY TOTALS	HENNEPIN COUNTY FEDERAL FUNDS	HENNEPIN COUNTY STATE AID FUNDS	HENNEPIN COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,104,873.37	\$4,534,180.01	\$2,494,115.19	\$2,040,064.82		\$570,693.36	\$262,461.45	\$214,680.70	\$93,551.21
DRAINAGE (County 50.00% , City 50.00%)	\$1,072,561.03	\$536,280.52	\$294,991.68	\$241,288.84		\$536,280.52	\$294,991.68	\$241,288.84	
CONSTRUCTION TOTAL	\$6,177,434.40	\$5,070,460.53	\$2,789,106.87	\$2,281,353.66		\$1,106,973.880	\$557,453.13	\$455,969.54	\$93,551.21
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$9,848.51		\$9,848.51		\$16,414.180		\$16,414.18	
CONSTRUCTION ENGINEERING	\$494,194.75	\$405,635.05		\$405,635.05		\$88,559.700		\$81,097.36	\$7,462.34
DESIGN ENGINEERING	\$617,743.44	\$507,043.81		\$507,043.81		\$110,699.630		\$101,371.70	\$9,327.93
RIGHT OF WAY	\$3,628,245.63	\$1,814,122.81		\$1,814,122.81		\$1,814,122.82		\$1,814,122.82	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,943,880.91	\$7,807,110.71	\$2,789,106.87	\$5,018,003.84		\$3,136,770.21	\$557,453.13	\$2,468,975.60	\$110,341.48

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		RAMSEY COUNTY 002-611-034 QUANTITIES	RAMSEY COUNTY 002-611-034 COST	CITY ROADWAY QUANTITIES	CITY COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
				UNIT COST	TOTAL								
2011.601	VIBRATION MONITORING	LUMP SUM	1	\$40,000.00	\$40,000.00	1	\$40,000.00						
2021.501	MOBILIZATION	LUMP SUM	1	\$575,000.00	\$575,000.00	0.74	\$427,158.36	0.06	\$35,817.27	0.18	\$103,037.23	0.02	\$8,987.14
2031.501	FIELD OFFICE TYPE D	EACH	1	\$15,000.00	\$15,000.00	0.74	\$11,143.26	0.06	\$934.36	0.18	\$2,687.93	0.02	\$234.45
2041.610	TRAINEES	HOURL	960.75	\$1.00	\$960.75	960.75	\$960.75						
2101.502	CLEARING	TREE	477	\$100.00	\$47,700.00	477	\$47,700.00						
2101.507	GRUBBING	TREE	394	\$50.00	\$19,700.00	394	\$19,700.00						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	19693.5	\$0.80	\$15,754.80	19693.5	\$15,754.80						
2103.507	DISCONNECT WATER SERVICE	EACH	3	\$200.00	\$600.00	3	\$600.00						
2104.501	REMOVE WATER MAIN	LIN FT		\$7.00									
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	5247	\$16.00	\$83,952.00	5247	\$83,952.00						
2104.501	REMOVE CURB & GUTTER	LIN FT	21565	\$3.00	\$64,695.00	21565	\$64,695.00						
2104.501	REMOVE RETAINING WALL	LIN FT	891	\$8.00	\$7,128.00	891	\$7,128.00						
2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	270.4	\$35.00	\$9,464.00	270.4	\$9,464.00						
2104.501	REMOVE WATER SERVICE PIPE	LIN FT		\$2.00									
2104.505	REMOVE CONCRETE WALK	SQ YD	4603	\$5.50	\$25,316.50	4603	\$25,316.50						
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	2801.8	\$7.00	\$19,612.60	2801.8	\$19,612.60						
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	6367.4	\$6.00	\$38,204.40	6367.4	\$38,204.40						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	41854.8	\$3.00	\$125,564.40	41854.8	\$125,564.40						
2104.509	REMOVE UTILITY VAULT	EACH		\$1,000.00									
2104.509	REMOVE GATE VALVE & BOX	EACH		\$300.00									
2104.509	REMOVE HYDRANT	EACH		\$600.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	85	\$450.00	\$38,250.00	85	\$38,250.00						
2104.509	REMOVE SIGN TYPE C	EACH	143	\$25.00	\$3,575.00	143	\$3,575.00						
2104.509	REMOVE SIGNAL SYSTEM	EACH	1	\$9,000.00	\$9,000.00	1	\$9,000.00						
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	694	\$6.00	\$4,164.00	694	\$4,164.00						
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	3286.5	\$2.65	\$8,709.23	3286.5	\$8,709.23						
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	20	\$25.00	\$500.00	20	\$500.00						
2105.501	COMMON EXCAVATION	CU YD	32581.3	\$13.00	\$423,556.90	32581.3	\$423,556.90						
2105.507	SUBGRADE EXCAVATION	CU YD	19460	\$4.00	\$77,840.00	19460	\$77,840.00						
2105.522	SELECT GRANULAR BORROW (LV)	CU YD		\$0.01	\$ -								
2105.607	COMMON BORROW SPECIAL (CV) (POND A)	CU YD	462	\$35.00	\$16,170.00					462	\$16,170.00		
2105.607	COMMON BORROW SPECIAL (CV) (POND B)	CU YD	871	\$38.00	\$33,098.00					871	\$33,098.00		
2130.501	WATER	M GALLONS	471	\$30.00	\$14,130.00	471	\$14,130.00						
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	13581	\$0.01	\$135.81	13093	\$130.93	488	\$4.88				
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	4845	\$2.00	\$9,690.00	4845	\$9,690.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1257.46	\$84.60	\$106,381.12	1010.96	\$85,527.22	246.5	\$20,853.90				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	11328.25	\$67.90	\$769,188.18	11328.25	\$769,188.18						
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	6695.11	\$59.50	\$398,359.05	6695.11	\$398,359.05						
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1355	\$32.00	\$43,360.00	677.5	\$21,680.00	677.5	\$21,680.00				
2501.515	15" RC PIPE APRON	EACH	2	\$600.00	\$1,200.00					2	\$1,200.00		
2501.515	27" RC PIPE APRON	EACH	1	\$850.00	\$850.00					1	\$850.00		
2501.515	30" RC PIPE APRON	EACH	1	\$900.00	\$900.00					1	\$900.00		
2502.541	4" PERF TP PIPE DRAIN	LIN FT	762	\$8.00	\$6,096.00					762	\$6,096.00		
2503.521	28" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT		\$58.00	\$ -								
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	3361	\$29.00	\$97,469.00					3361	\$97,469.00		
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	1638	\$29.00	\$47,502.00					1638	\$47,502.00		
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	1173	\$34.00	\$39,882.00					1173	\$39,882.00		
2503.541	21" RC PIPE SEWER DES 3006 CL V	LIN FT	388	\$35.00	\$13,580.00					388	\$13,580.00		
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	432	\$35.00	\$15,120.00					432	\$15,120.00		
2503.541	24" RC PIPE SEWER DES 3006 CL V	LIN FT	304	\$40.00	\$12,160.00					304	\$12,160.00		
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	915.5	\$41.00	\$37,535.50					915.5	\$37,535.50		
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	345	\$58.00	\$20,010.00					345	\$20,010.00		
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	350	\$52.00	\$18,200.00					350	\$18,200.00		
2503.541	30" RC PIPE SEWER DES 3006 CL V	LIN FT	106	\$72.00	\$7,632.00					106	\$7,632.00		
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	624	\$72.00	\$44,928.00					624	\$44,928.00		
2503.541	36" RC PIPE SEWER DES 3006 CL V	LIN FT	32	\$95.00	\$3,040.00					32	\$3,040.00		
2504.601	TEMPORARY WATER SERVICE	LUMP SUM		\$150,000.00									
2504.602	CONNECT TO EXISTING WATER MAIN	EACH		\$1,000.00									
2504.602	CONNECT TO EXISTING WATER SERVICE	EACH		\$250.00									
2504.602	HYDRANT	EACH		\$4,900.00									
2504.602	1" CORPORATION STOP	EACH		\$325.00									
2504.602	2" CORPORATION STOP	EACH		\$625.00									
2504.602	16" BUTTERFLY VALVE & BOX	EACH		\$5,000.00									
2504.602	18" BUTTERFLY VALVE & BOX	EACH		\$5,900.00									
2504.602	30" BUTTERFLY VALVE & BOX	EACH		\$19,000.00									
2504.602	6" GATE VALVE & BOX	EACH		\$1,800.00									
2504.602	8" GATE VALVE & BOX	EACH		\$2,300.00									
2504.602	12" GATE VALVE & BOX	EACH		\$3,800.00									
2504.602	6" GATE VALVE	EACH		\$1,800.00									
2504.602	CURB STOP & BOX	EACH		\$400.00									
2504.603	WATER SERVICE (DIRECTIONAL DRILLED)	LIN FT		\$33.00									

						PARTICIPATING- FEDERAL FUNDS							
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2504.603	HYDRANT RISER	LIN FT		\$1,000.00									
2504.603	LOWER WATERMAIN	LIN FT		\$14.00									
2504.603	TAP SERVICE PIPING 1"	LIN FT		\$22.00									
2504.603	TAP SERVICE PIPING 2"	LIN FT		\$45.00									
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$65.00									
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$74.00									
2504.603	16" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$150.00									
2504.603	30" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$205.00									
2504.603	8" PVC WATERMAIN	LIN FT		\$37.00									
2504.603	12" PVC WATERMAIN	LIN FT		\$45.00									
2504.603	18" PVC WATERMAIN	LIN FT		\$60.00									
2504.603	30" PVC WATERMAIN	LIN FT		\$160.00									
2504.604	4" POLYSTYRENE INSULATION	SQ YD		\$56.00									
2504.608	DUCTILE IRON FITTINGS	POUND		\$5.50									
2506.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	204.6	\$300.00	\$61,380.00					204.6	\$61,380.00		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	286.65	\$300.00	\$85,995.00					286.65	\$85,995.00		
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	215.3	\$350.00	\$75,355.00					215.3	\$75,355.00		
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	125.35	\$325.00	\$40,738.75					125.35	\$40,738.75		
2506.501	CONST DRAINAGE STRUCTURE DES 66-4020	LIN FT	29.55	\$425.00	\$12,558.75					29.55	\$12,558.75		
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	64.75	\$425.00	\$27,518.75					64.75	\$27,518.75		
2506.501	CONST DRAINAGE STRUCTURE DES 78-4020	LIN FT	7.9	\$500.00	\$3,950.00					7.9	\$3,950.00		
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	31.2	\$750.00	\$23,400.00					31.2	\$23,400.00		
2506.501	CONST DRAINAGE STRUCTURE DES 120-4020	LIN FT	24.89	\$1,200.00	\$29,868.00					24.89	\$29,868.00		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	52.4	\$250.00	\$13,100.00			52.4	\$13,100.00				
2506.516	CASTING ASSEMBLY	EACH	202	\$550.00	\$111,100.00					202	\$111,100.00		
2506.522	ADJUST FRAME & RING CASTING	EACH	42	\$450.00	\$18,900.00	42	\$18,900.00						
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	16	\$1,000.00	\$16,000.00					16	\$16,000.00		
2506.602	CONNECT INTO EXISTING STORM SEWER	EACH	12	\$600.00	\$7,200.00					12	\$7,200.00		
2506.602	BAFFLE PANEL	EACH	5	\$6,800.00	\$34,000.00					5	\$34,000.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	27.15	\$175.00	\$4,751.25					27.15	\$4,751.25		
2511.515	GEOTEXTILE FILTER TYPE III	SQ YD	76.7	\$3.00	\$230.10					76.7	\$230.10		
2521.501	4" CONCRETE WALK	SQ FT	58149.3	\$5.00	\$290,746.50	58149.3	\$290,746.50						
2521.501	6" CONCRETE WALK	SQ FT	6646.1	\$5.50	\$36,553.55	6199.18	\$34,095.49	446.92	\$2,458.06				
2521.618	SPECIAL SURFACE TREATMENT	SQ FT	19484.8	\$4.25	\$82,810.40							19484.8	\$82,810.40
2531.501	CONCRETE CURB & GUTTER DESIGN B418 (MOD)	LIN FT	10713.5	\$12.25	\$131,240.38	10713.5	\$131,240.38						
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	13983	\$12.65	\$176,884.95	3495.75	\$44,221.24	10487.25	\$132,663.71				
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1418	\$20.00	\$28,360.00	1418	\$28,360.00						
2531.501	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT		\$18.00									
2531.501	CONCRETE CURB & GUTTER DESIGN S518	LIN FT	1727.5	\$17.50	\$30,231.25	344	\$6,020.00	1383.5	\$24,211.25				
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3031.9	\$52.00	\$157,658.80	3031.9	\$157,658.80						
2531.618	TRUNCATED DOMES	SQ FT	760	\$30.00	\$22,800.00	408	\$12,240.00	352	\$10,560.00				
2533.507	PORTABLE PRECAST CONCRETE BARRIER DES 8337	LIN FT	1720	\$15.00	\$25,800.00	1277.80	\$19,167.00	107.10	\$1,606.50	308.20	\$4,623.00	26.90	\$403.50
2533.508	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT		\$4.00									
2540.602	INSTALL MONUMENT BOX	EACH		\$175.00									
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	100	\$100.00	\$10,000.00	100	\$10,000.00						
2554.615	IMPACT ATTENUATOR	ASSEMBLY	9	\$2,000.00	\$18,000.00	6.70	\$13,400.00	0.60	\$1,200.00	1.60	\$3,200.00	0.10	\$200.00
2557.501	WIRE FENCE DESIGN 48V-9322	LIN FT	1435	\$15.00	\$21,525.00	1435	\$21,525.00						
2557.517	VEHICULAR GATE-SPECIAL	EACH	12	\$1,100.00	\$13,200.00	12	\$13,200.00						
2557.602	INSTALL VEHICULAR GATE	EACH		\$485.00									
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$7,200.00	\$7,200.00	0.74	\$5,348.77	0.06	\$448.49	0.18	\$1,290.21	0.02	\$112.53
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$90,000.00	\$90,000.00	0.74	\$66,859.57	0.06	\$5,606.18	0.18	\$16,127.57	0.02	\$1,406.68
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	640	\$1.50	\$960.00	475.40	\$713.10	39.90	\$59.85	114.70	\$172.05	10.00	\$15.00
2563.610	POLICE OFFICER	HOURL	27	\$120.00	\$3,240.00	20.10	\$2,412.00	1.70	\$204.00	4.80	\$576.00	0.40	\$48.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	48	\$125.00	\$6,000.00	48	\$6,000.00						
2564.531	SIGN PANELS TYPE C	SQ FT	1599.75	\$31.00	\$49,592.25	1599.75	\$49,592.25						
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	10	\$150.00	\$1,500.00	10	\$1,500.00						
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM B	SIG SYS	1	\$180,000.00	\$180,000.00	0.75	\$135,000.00	0.25	\$45,000.00				
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LUMP SUM	1	\$2,000.00	\$2,000.00	0.75	\$1,500.00	0.25	\$500.00				
2565.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	1	\$45,000.00	\$45,000.00	1	\$45,000.00						
2565.602	SIGNAL SERVICE CABINET	EACH	2	\$12,000.00	\$24,000.00	0.625	\$7,500.00	1.375	\$16,500.00				
2565.616	REVISE SIGNAL SYSTEM "A"	SYSTEM	1	\$85,000.00	\$85,000.00	0.5	\$42,500.00	0.5	\$42,500.00				
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	\$70,000.00	\$70,000.00	0.74	\$52,001.89	0.06	\$4,360.36	0.18	\$12,543.66	0.02	\$1,094.09
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	\$74,000.00	\$74,000.00	0.74	\$54,973.42	0.06	\$4,609.53	0.18	\$13,260.44	0.02	\$1,156.61
2573.502	SILT FENCE, TYPE MS	LIN FT	457	\$1.70	\$776.90	457	\$776.90						
2573.530	STORM DRAIN INLET PROTECTION	EACH	201	\$150.00	\$30,150.00	201	\$30,150.00						
2574.508	FERTILIZER TYPE 2	POUND	581	\$1.00	\$581.00	581	\$581.00						
2575.501	SEEDING	ACRE	1.39	\$1,000.00	\$1,390.00	1.39	\$1,390.00						
2575.502	SEED MIXTURE 25-131	POUND	230	\$4.00	\$920.00	230	\$920.00						
2575.502	SEED MIXTURE 25-151	POUND	28	\$5.00	\$140.00	28	\$140.00						
2575.502	SEED MIXTURE 33-261	POUND		\$40.00									
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	15859.5	\$5.40	\$85,641.30	15859.5	\$85,641.30						
2575.511	MULCH MATERIAL TYPE 3	TON		\$600.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		RAMSEY COUNTY 002-611-034 QUANTITIES	RAMSEY COUNTY 002-611-034 COST	CITY ROADWAY QUANTITIES	CITY COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2575.519	DISK ANCHORING	ACRE		\$225.00									
2575.523	EROSION CONTROL BLANKETS CATEGORY 00	SQ YD	7976	\$1.40	\$11,166.40	7976	\$11,166.40						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (BLACK)	LIN FT	819	\$2.25	\$1,842.75	819	\$1,842.75						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (WHITE)	LIN FT	5015	\$1.35	\$6,770.25	5015	\$6,770.25						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (YELLOW)	LIN FT	5911	\$1.35	\$7,979.85	5911	\$7,979.85						
2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	7	\$50.00	\$350.00	7	\$350.00						
2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	4	\$50.00	\$200.00	4	\$200.00						
2582.501	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	12	\$375.00	\$4,500.00	12	\$4,500.00						
2582.501	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$375.00	\$3,750.00	10	\$3,750.00						
2582.502	4" SOLID LINE WHITE-PAINT	LIN FT	29191	\$0.15	\$4,378.65	29191	\$4,378.65						
2582.502	8" SOLID LINE WHITE-PAINT	LIN FT	96	\$0.50	\$48.00	96	\$48.00						
2582.502	24" SOLID LINE WHITE-PAINT	LIN FT	170	\$3.00	\$510.00	170	\$510.00						
2582.502	4" SOLID LINE YELLOW-PAINT	LIN FT	478	\$0.15	\$71.70	478	\$71.70						
2582.502	24" SOLID LINE YELLOW-PAINT	LIN FT	60	\$2.50	\$150.00	60	\$150.00						
2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	LIN FT	21122	\$0.30	\$6,336.60	21122	\$6,336.60						
2582.502	24" SOLID LINE WHITE - PREFORMED THERMOPLASTIC	LIN FT	285	\$18.40	\$5,244.00	285	\$5,244.00						
2582.502	24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC	LIN FT	317	\$18.40	\$5,832.80	317	\$5,832.80						
2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	25897	\$0.27	\$6,992.19	25897	\$6,992.19						
2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	2310	\$0.27	\$623.70	2310	\$623.70						
2582.502	4" SOLID LINE YELLOW-EPOXY	LIN FT	13314	\$0.27	\$3,594.78	13314	\$3,594.78						
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	LIN FT	2675	\$0.54	\$1,444.50	2675	\$1,444.50						
2582.503	CROSSWALK MARKING-PAINT	SQ FT		\$1.25									
2582.503	CROSSWALK MARKING - PREFORMED THERMOPLASTIC	SQ FT	1296	\$11.60	\$15,033.60	1296	\$15,033.60						
BS# 1													
2563.601	FLAG PERSON	HOURL	319	\$1.00	\$319.00	319	\$319.00						
BS# 2													
2550.562	TRAFFIC WARNING SIGN TYPE C	DOLLAR	3,588.13	\$1.00	\$3,588.13	3,588.13	\$3,588.13						
BS# 3													
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	98.5	\$55.00	\$5,417.50	98.5	\$5,417.50						
BS# 4													
2041.621	TRAINEES	DOLLAR	8646.75	\$1.00	\$8,646.75	8646.75	\$8,646.75						
BS# 5													
2573.603	BIOROLL	LIN FT	300	\$4.00	\$1,200.00	300	\$1,200.00						
BS# 6													
2360.609	BITUMINOUS DENSITY INCENTIVE/DISINCENTIVE	LUMP SUM	1	\$19,280.09	\$19,280.09	1	\$19,280.09						
CO# 1													
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	0	\$1.00	\$0.00	0	\$0.00						
2575.571	RAPID STABILIZATION METHOD 3	MGAL	26	\$566.00	\$14,716.00	26	\$14,716.00						
WO# 1													
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	97	\$16.00	\$1,552.00	97	\$1,552.00						
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	7	\$450.00	\$3,150.00	7	\$3,150.00						
2104.523	SALVAGE CASTING	EACH	8	\$147.00	\$1,176.00	8	\$1,176.00						
2503.511	12" CS PIPE SEWER	LIN FT	162	\$26.00	\$4,212.00	162	\$4,212.00						
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	8	\$1,000.00	\$8,000.00	8	\$8,000.00						
2506.501	CONSTRUT DRAINAGE STRUCTURE DESIGN H	LIN FT	36.25	\$300.00	\$10,875.00	36.25	\$10,875.00						
2506.521	INSTALL CASTING	EACH	9	\$295.00	\$2,655.00	9	\$2,655.00						
2535.501	BITUMINOUS CURB	LINFT	2696	\$2.75	\$7,414.00	2696	\$7,414.00						
WO# 2													
2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	497.5	\$234.42	\$116,623.95	497.5	\$116,623.95						
WO# 3													
2123.610	MOTOR GRADER	DOLLAR	23512.27	\$1.00	\$23,512.27	23512.27	\$23,512.27						
WO# 4													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM		\$1,562.92									
2504.602	CONNECT TO EXISTING WATERMAIN	EACH		\$11,161.50									
WO# 5													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM	1	\$17,852.77	\$17,852.77	1	\$17,852.77						
WO# 6													
2557.517	VEHICULAR GATE-SINGLE	EACH	2	\$1,760.00	\$3,520.00	2	\$3,520.00						
2557.523	METAL BRACE ASSEMBLY (CH LINK FENCE)	EACH	36	\$247.50	\$8,910.00	36	\$8,910.00						
WO# 7													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	LUMP SUM	1	\$3,248.04	\$3,248.04	1	\$3,248.04						
2105.601	COMMON CHANNEL EXCAVATION	LUMP SUM	1	\$4,022.55	\$4,022.55	1	\$4,022.55						
2211.501	AGGREGATE BASE CLASS 5	TON	61.5	\$40.00	\$2,460.00	61.5	\$2,460.00						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	35.54	\$198.76	\$7,063.93	35.54	\$7,063.93						
2521.604	4" CONCRETE WALK	SQ YD	5.4	\$96.03	\$518.56	5.4	\$518.56						
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	217	\$30.23	\$6,559.91	217	\$6,559.91						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87	\$79.33	\$6,901.71	87	\$6,901.71						
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,344.68	\$1,344.68	1	\$1,344.68						
WO# 8													
2021.501	MOBILIZATION	LUMP SUM	1	\$1,540.00	\$1,540.00	1	\$1,540.00						
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	261	\$2.64	\$689.04	261	\$689.04						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1567	\$0.88	\$1,378.96	1567	\$1,378.96						

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		RAMSEY COUNTY 002-611-034 QUANTITIES	RAMSEY COUNTY 002-611-034 COST	CITY ROADWAY QUANTITIES	CITY COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2104.523 WO#9	SALVAGE SIGN TYOE C	EACH	2	\$192.50	\$385.00	2	\$385.00						
2118.501 WO#10	AGGREGATE SURFACING CLASS 5 DRIVEWAYS	DOLLAR	4,365.35	\$4,365.35	\$4,365.35	4,365.35	\$4,365.35						
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	EACH	1	\$6,704.34	\$6,704.34	1	\$6,704.34						
BASE BID TOTAL:				\$6,177,434.40			\$4,589,151.46		\$384,878.35		\$1,106,936.19		\$96,468.40

Funding Type	STP	Funding Group:				
STIP Project Cost	\$5,206,810.00					
		Totals:	\$6,177,434.40	\$4,589,151.46	\$384,878.35	\$1,106,936.19
		Total Federal Eligible Items:	\$6,080,966.00	\$4,589,151.46	\$384,878.35	\$1,106,936.19
		Federal Funds Available:	\$3,346,560.00	\$2,525,564.32	\$211,811.49	\$609,184.19
		% Federal Funding	55.03%			

002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	RAMSEY COUNTY TOTALS	RAMSEY COUNTY FEDERAL FUNDS	RAMSEY COUNTY STATE AID FUNDS	RAMSEY COUNTY LOCAL FUNDS	CITY OF COON RAPIDS TOTALS	CITY OF COON RAPIDS FEDERAL FUNDS	CITY OF COON RAPIDS STATE AID FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
ROADWAY	\$5,070,498.21	\$4,589,151.46	\$2,525,564.32	\$2,063,587.14		\$481,346.75	\$211,811.49	\$173,066.86	\$96,468.40
DRAINAGE (County 17.00% , City 83.00%)	\$1,106,936.19	\$188,179.15	\$103,561.31	\$84,617.84		\$918,757.04	\$505,622.88	\$413,134.16	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,777,330.61	\$2,629,125.63	\$2,148,204.98		\$1,400,103.790	\$717,434.37	\$586,201.02	\$96,468.40
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.670		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$360,697.34		\$360,697.34		\$105,681.430		\$98,405.92	\$7,275.51
DESIGN ENGINEERING	\$384,261.81	\$297,188.09		\$297,188.09		\$87,073.720		\$81,079.24	\$5,994.48
RIGHT OF WAY	\$3,628,245.63	\$1,814,122.81		\$1,814,122.81		\$1,814,122.82		\$1,814,122.82	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$7,269,035.87	\$2,629,125.63	\$4,639,910.24		\$3,413,547.43	\$717,434.37	\$2,586,374.67	\$109,738.39

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		WASHINGTON COUNTY 002-611-034 QUANTITIES	WASHINGTON COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
				UNIT COST	TOTAL								
2011.601	VIBRATION MONITORING	LUMP SUM	1	\$40,000.00	\$40,000.00	1	\$40,000.00						
2021.501	MOBILIZATION	LUMP SUM	1	\$575,000.00	\$575,000.00	0.73	\$418,814.90	0.07	\$41,325.89	0.18	\$105,644.65	0.02	\$9,214.57
2031.501	FIELD OFFICE TYPE D	EACH	1	\$15,000.00	\$15,000.00	0.73	\$10,925.61	0.07	\$1,078.07	0.18	\$2,755.95	0.02	\$240.38
2041.610	TRAINEES	HOUR	960.75	\$1.00	\$960.75	960.75	\$960.75						
2101.502	CLEARING	TREE	477	\$100.00	\$47,700.00	477	\$47,700.00						
2101.507	GRUBBING	TREE	394	\$50.00	\$19,700.00	394	\$19,700.00						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	19693.5	\$0.80	\$15,754.80	19693.5	\$15,754.80						
2103.507	DISCONNECT WATER SERVICE	EACH	3	\$200.00	\$600.00	3	\$600.00						
2104.501	REMOVE WATER MAIN	LIN FT		\$7.00									
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	5247	\$16.00	\$83,952.00	5247	\$83,952.00						
2104.501	REMOVE CURB & GUTTER	LIN FT	21565	\$3.00	\$64,695.00	21565	\$64,695.00						
2104.501	REMOVE RETAINING WALL	LIN FT	891	\$8.00	\$7,128.00	891	\$7,128.00						
2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	270.4	\$35.00	\$9,464.00	270.4	\$9,464.00						
2104.501	REMOVE WATER SERVICE PIPE	LIN FT		\$2.00									
2104.505	REMOVE CONCRETE WALK	SQ YD	4603	\$5.50	\$25,316.50	4603	\$25,316.50						
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	2801.8	\$7.00	\$19,612.60	2801.8	\$19,612.60						
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	6367.4	\$6.00	\$38,204.40	6367.4	\$38,204.40						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	41854.8	\$3.00	\$125,564.40	41854.8	\$125,564.40						
2104.509	REMOVE UTILITY VAULT	EACH		\$1,000.00									
2104.509	REMOVE GATE VALVE & BOX	EACH		\$300.00									
2104.509	REMOVE HYDRANT	EACH		\$600.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	85	\$450.00	\$38,250.00	85	\$38,250.00						
2104.509	REMOVE SIGN TYPE C	EACH	143	\$25.00	\$3,575.00	143	\$3,575.00						
2104.509	REMOVE SIGNAL SYSTEM	EACH	1	\$9,000.00	\$9,000.00	1	\$9,000.00						
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	694	\$6.00	\$4,164.00	694	\$4,164.00						
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	3286.5	\$2.65	\$8,709.23	3286.5	\$8,709.23						
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	20	\$25.00	\$500.00	20	\$500.00						
2105.501	COMMON EXCAVATION	CU YD	32581.3	\$13.00	\$423,556.90	32581.3	\$423,556.90						
2105.507	SUBGRADE EXCAVATION	CU YD	19460	\$4.00	\$77,840.00	19460	\$77,840.00						
2105.522	SELECT GRANULAR BORROW (LV)	CU YD		\$0.01	\$ -								
2105.607	COMMON BORROW SPECIAL (CV) (POND A)	CU YD	462	\$35.00	\$16,170.00					462	\$16,170.00		
2105.607	COMMON BORROW SPECIAL (CV) (POND B)	CU YD	871	\$38.00	\$33,098.00					871	\$33,098.00		
2130.501	WATER	M GALLONS	471	\$30.00	\$14,130.00	471	\$14,130.00						
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	13581	\$0.01	\$135.81	13093	\$130.93	488	\$4.88				
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	4845	\$2.00	\$9,690.00	4845	\$9,690.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1257.46	\$84.60	\$106,381.12	1010.96	\$85,527.22	246.5	\$20,853.90				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	11328.25	\$67.90	\$769,188.18	11328.25	\$769,188.18						
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	6695.11	\$59.50	\$398,359.05	6695.11	\$398,359.05						
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1355	\$32.00	\$43,360.00	677.5	\$21,680.00	677.5	\$21,680.00				
2501.515	15" RC PIPE APRON	EACH	2	\$600.00	\$1,200.00					2	\$1,200.00		
2501.515	27" RC PIPE APRON	EACH	1	\$850.00	\$850.00					1	\$850.00		
2501.515	30" RC PIPE APRON	EACH	1	\$900.00	\$900.00					1	\$900.00		
2502.541	4" PERF TP PIPE DRAIN	LIN FT	762	\$8.00	\$6,096.00					762	\$6,096.00		
2503.521	28" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT		\$58.00	\$ -								
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	3361	\$29.00	\$97,469.00					3361	\$97,469.00		
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	1638	\$29.00	\$47,502.00					1638	\$47,502.00		
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	1173	\$34.00	\$39,882.00					1173	\$39,882.00		
2503.541	21" RC PIPE SEWER DES 3006 CL V	LIN FT	388	\$35.00	\$13,580.00					388	\$13,580.00		
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	432	\$35.00	\$15,120.00					432	\$15,120.00		
2503.541	24" RC PIPE SEWER DES 3006 CL V	LIN FT	304	\$40.00	\$12,160.00					304	\$12,160.00		
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	915.5	\$41.00	\$37,535.50					915.5	\$37,535.50		
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	345	\$58.00	\$20,010.00					345	\$20,010.00		
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	350	\$52.00	\$18,200.00					350	\$18,200.00		
2503.541	30" RC PIPE SEWER DES 3006 CL V	LIN FT	106	\$72.00	\$7,632.00					106	\$7,632.00		
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	624	\$72.00	\$44,928.00					624	\$44,928.00		
2503.541	36" RC PIPE SEWER DES 3006 CL V	LIN FT	32	\$95.00	\$3,040.00					32	\$3,040.00		
2504.601	TEMPORARY WATER SERVICE	LUMP SUM		\$150,000.00									
2504.602	CONNECT TO EXISTING WATER MAIN	EACH		\$1,000.00									
2504.602	CONNECT TO EXISTING WATER SERVICE	EACH		\$250.00									
2504.602	HYDRANT	EACH		\$4,900.00									
2504.602	1" CORPORATION STOP	EACH		\$325.00									
2504.602	2" CORPORATION STOP	EACH		\$625.00									
2504.602	16" BUTTERFLY VALVE & BOX	EACH		\$5,000.00									
2504.602	18" BUTTERFLY VALVE & BOX	EACH		\$5,900.00									
2504.602	30" BUTTERFLY VALVE & BOX	EACH		\$19,000.00									
2504.602	6" GATE VALVE & BOX	EACH		\$1,800.00									
2504.602	8" GATE VALVE & BOX	EACH		\$2,300.00									
2504.602	12" GATE VALVE & BOX	EACH		\$3,800.00									
2504.602	6" GATE VALVE	EACH		\$1,800.00									
2504.602	CURB STOP & BOX	EACH		\$400.00									
2504.603	WATER SERVICE (DIRECTIONAL DRILLED)	LIN FT		\$33.00									

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		WASHINGTON COUNTY 002-611-034 QUANTITIES	WASHINGTON COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2504.603	HYDRANT RISER	LIN FT		\$1,000.00									
2504.603	LOWER WATERMAIN	LIN FT		\$14.00									
2504.603	TAP SERVICE PIPING 1"	LIN FT		\$22.00									
2504.603	TAP SERVICE PIPING 2"	LIN FT		\$45.00									
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$65.00									
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$74.00									
2504.603	16" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$150.00									
2504.603	30" WATERMAIN DUCTILE IRON CL 52	LIN FT		\$205.00									
2504.603	8" PVC WATERMAIN	LIN FT		\$37.00									
2504.603	12" PVC WATERMAIN	LIN FT		\$45.00									
2504.603	18" PVC WATERMAIN	LIN FT		\$60.00									
2504.603	30" PVC WATERMAIN	LIN FT		\$160.00									
2504.604	4" POLYSTYRENE INSULATION	SQ YD		\$56.00									
2504.608	DUCTILE IRON FITTINGS	POUND		\$5.50									
2506.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	204.6	\$300.00	\$61,380.00					204.6	\$61,380.00		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	286.65	\$300.00	\$85,995.00					286.65	\$85,995.00		
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	215.3	\$350.00	\$75,355.00					215.3	\$75,355.00		
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	125.35	\$325.00	\$40,738.75					125.35	\$40,738.75		
2506.501	CONST DRAINAGE STRUCTURE DES 66-4020	LIN FT	29.55	\$425.00	\$12,558.75					29.55	\$12,558.75		
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	64.75	\$425.00	\$27,518.75					64.75	\$27,518.75		
2506.501	CONST DRAINAGE STRUCTURE DES 78-4020	LIN FT	7.9	\$500.00	\$3,950.00					7.9	\$3,950.00		
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	31.2	\$750.00	\$23,400.00					31.2	\$23,400.00		
2506.501	CONST DRAINAGE STRUCTURE DES 120-4020	LIN FT	24.89	\$1,200.00	\$29,868.00					24.89	\$29,868.00		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	52.4	\$250.00	\$13,100.00			52.4	\$13,100.00				
2506.516	CASTING ASSEMBLY	EACH	202	\$550.00	\$111,100.00					202	\$111,100.00		
2506.522	ADJUST FRAME & RING CASTING	EACH	42	\$450.00	\$18,900.00	42	\$18,900.00						
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	16	\$1,000.00	\$16,000.00					16	\$16,000.00		
2506.602	CONNECT INTO EXISTING STORM SEWER	EACH	12	\$600.00	\$7,200.00					12	\$7,200.00		
2506.602	BAFFLE PANEL	EACH	5	\$6,800.00	\$34,000.00					5	\$34,000.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	27.15	\$175.00	\$4,751.25					27.15	\$4,751.25		
2511.515	GEOTEXTILE FILTER TYPE III	SQ YD	76.7	\$3.00	\$230.10					76.7	\$230.10		
2521.501	4" CONCRETE WALK	SQ FT	58149.3	\$5.00	\$290,746.50	58149.3	\$290,746.50						
2521.501	6" CONCRETE WALK	SQ FT	6646.1	\$5.50	\$36,553.55	6199.18	\$34,095.49	446.92	\$2,458.06				
2521.618	SPECIAL SURFACE TREATMENT	SQ FT	19484.8	\$4.25	\$82,810.40							19484.8	\$82,810.40
2531.501	CONCRETE CURB & GUTTER DESIGN B418 (MOD)	LIN FT	10713.5	\$12.25	\$131,240.38	10713.5	\$131,240.38						
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	13983	\$12.65	\$176,884.95	7242	\$91,611.30	6741	\$85,273.65				
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1418	\$20.00	\$28,360.00	1418	\$28,360.00						
2531.501	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT		\$18.00									
2531.501	CONCRETE CURB & GUTTER DESIGN S518	LIN FT	1727.5	\$17.50	\$30,231.25	344	\$6,020.00	1383.5	\$24,211.25				
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3031.9	\$52.00	\$157,658.80	3031.9	\$157,658.80						
2531.618	TRUNCATED DOMES	SQ FT	760	\$30.00	\$22,800.00	408	\$12,240.00	352	\$10,560.00				
2533.507	PORTABLE PRECAST CONCRETE BARRIER DES 8337	LIN FT	1720	\$15.00	\$25,800.00	1252.80	\$18,792.00	123.60	\$1,854.00	316.00	\$4,740.00	27.60	\$414.00
2533.508	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT		\$4.00									
2540.602	INSTALL MONUMENT BOX	EACH		\$175.00									
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	100	\$100.00	\$10,000.00	100	\$10,000.00						
2554.615	IMPACT ATTENUATOR	ASSEMBLY	9	\$2,000.00	\$18,000.00	6.60	\$13,200.00	0.60	\$1,200.00	1.70	\$3,400.00	0.10	\$200.00
2557.501	WIRE FENCE DESIGN 48V-9322	LIN FT	1435	\$15.00	\$21,525.00	1435	\$21,525.00						
2557.517	VEHICULAR GATE-SPECIAL	EACH	12	\$1,100.00	\$13,200.00	12	\$13,200.00						
2557.602	INSTALL VEHICULAR GATE	EACH		\$485.00									
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$7,200.00	\$7,200.00	0.73	\$5,244.29	0.07	\$517.47	0.18	\$1,322.85	0.02	\$115.38
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$90,000.00	\$90,000.00	0.73	\$65,553.64	0.07	\$6,468.40	0.18	\$16,535.68	0.02	\$1,442.28
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	640	\$1.50	\$960.00	466.10	\$699.15	46.00	\$69.00	117.60	\$176.40	10.30	\$15.45
2563.610	POLICE OFFICER	HOURL	27	\$120.00	\$3,240.00	19.70	\$2,364.00	1.90	\$228.00	5.00	\$600.00	0.40	\$48.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	48	\$125.00	\$6,000.00	48	\$6,000.00						
2564.531	SIGN PANELS TYPE C	SQ FT	1599.75	\$31.00	\$49,592.25	1599.75	\$49,592.25						
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	10	\$150.00	\$1,500.00	10	\$1,500.00						
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM B	SIG SYS	1	\$180,000.00	\$180,000.00	0.375	\$67,500.00	0.625	\$112,500.00				
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LUMP SUM	1	\$2,000.00	\$2,000.00	0.75	\$1,500.00	0.25	\$500.00				
2565.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	1	\$45,000.00	\$45,000.00	1	\$45,000.00						
2565.602	SIGNAL SERVICE CABINET	EACH	2	\$12,000.00	\$24,000.00	0.625	\$7,500.00	1.375	\$16,500.00				
2565.616	REVISE SIGNAL SYSTEM "A"	SYSTEM	1	\$85,000.00	\$85,000.00	0.25	\$21,250.00	0.75	\$63,750.00				
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	\$70,000.00	\$70,000.00	0.73	\$50,986.16	0.07	\$5,030.98	0.18	\$12,861.09	0.02	\$1,121.77
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	\$74,000.00	\$74,000.00	0.73	\$53,899.66	0.07	\$5,318.46	0.18	\$13,596.01	0.02	\$1,185.87
2573.502	SILT FENCE, TYPE MS	LIN FT	457	\$1.70	\$776.90	332.90	\$565.93	32.80	\$55.76	84.00	\$142.80	7.30	\$12.41
2573.530	STORM DRAIN INLET PROTECTION	EACH	201	\$150.00	\$30,150.00	146.50	\$21,975.00	14.40	\$2,160.00	36.90	\$5,535.00	3.20	\$480.00
2574.508	FERTILIZER TYPE 2	POUND	581	\$1.00	\$581.00	423.20	\$423.20	41.80	\$41.80	106.70	\$106.70	9.30	\$9.30
2575.501	SEEDING	ACRE	1.39	\$1,390.00	\$1,390.00	0.99	\$990.00	0.10	\$100.00	0.30	\$300.00		
2575.502	SEED MIXTURE 25-131	POUND	230	\$4.00	\$920.00	167.50	\$670.00	16.50	\$66.00	42.30	\$169.20	3.70	\$14.80
2575.502	SEED MIXTURE 25-151	POUND	28	\$5.00	\$140.00	20.50	\$102.50	2.00	\$10.00	5.10	\$25.50	0.40	\$2.00
2575.502	SEED MIXTURE 33-261	POUND		\$40.00									
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	15859.5	\$5.40	\$85,641.30	11551.60	\$62,378.64	1139.80	\$6,154.92	2913.90	\$15,735.06	254.20	\$1,372.68
2575.511	MULCH MATERIAL TYPE 3	TON		\$600.00									

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2575.519	DISK ANCHORING	ACRE		\$225.00									
2575.523	EROSION CONTROL BLANKETS CATEGORY 00	SQ YD	7976	\$1.40	\$11,166.40	5809.60	\$8,133.44	573.20	\$802.48	1465.40	\$2,051.56	127.80	\$178.92
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (BLACK)	LIN FT	819	\$2.25	\$1,842.75	819	\$1,842.75						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (WHITE)	LIN FT	5015	\$1.35	\$6,770.25	5015	\$6,770.25						
2581.501	REMOVABLE PREFORMED PLASTIC MARKING (YELLOW)	LIN FT	5911	\$1.35	\$7,979.85	5911	\$7,979.85						
2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	7	\$50.00	\$350.00	7	\$350.00						
2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	4	\$50.00	\$200.00	4	\$200.00						
2582.501	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	12	\$375.00	\$4,500.00	12	\$4,500.00						
2582.501	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$375.00	\$3,750.00	10	\$3,750.00						
2582.502	4" SOLID LINE WHITE-PAINT	LIN FT	29191	\$0.15	\$4,378.65	29191	\$4,378.65						
2582.502	8" SOLID LINE WHITE-PAINT	LIN FT	96	\$0.50	\$48.00	96	\$48.00						
2582.502	24" SOLID LINE WHITE-PAINT	LIN FT	170	\$3.00	\$510.00	170	\$510.00						
2582.502	4" SOLID LINE YELLOW-PAINT	LIN FT	478	\$0.15	\$71.70	478	\$71.70						
2582.502	24" SOLID LINE YELLOW-PAINT	LIN FT	60	\$2.50	\$150.00	60	\$150.00						
2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	LIN FT	21122	\$0.30	\$6,336.60	21122	\$6,336.60						
2582.502	24" SOLID LINE WHITE - PREFORMED THERMOPLASTIC	LIN FT	285	\$18.40	\$5,244.00	285	\$5,244.00						
2582.502	24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC	LIN FT	317	\$18.40	\$5,832.80	317	\$5,832.80						
2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	25897	\$0.27	\$6,992.19	25897	\$6,992.19						
2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	2310	\$0.27	\$623.70	2310	\$623.70						
2582.502	4" SOLID LINE YELLOW-EPOXY	LIN FT	13314	\$0.27	\$3,594.78	13314	\$3,594.78						
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	LIN FT	2675	\$0.54	\$1,444.50	2675	\$1,444.50						
2582.503	CROSSWALK MARKING-PAINT	SQ FT		\$1.25									
2582.503	CROSSWALK MARKING - PREFORMED THERMOPLASTIC	SQ FT	1296	\$11.60	\$15,033.60	1296	\$15,033.60						
BS# 1													
2563.601	FLAG PERSON	HOUR	319	\$1.00	\$319.00	319	\$319.00						
BS# 2													
2550.562	TRAFFIC WARNING SIGN TYPE C	DOLLAR	3,588.13	\$1.00	\$3,588.13	3,588.13	\$3,588.13						
BS# 3													
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	98.5	\$55.00	\$5,417.50	98.5	\$5,417.50						
BS# 4													
2041.621	TRAINEES	DOLLAR	8646.75	\$1.00	\$8,646.75	8646.75	\$8,646.75						
BS# 5													
2573.603	BIOROLL	LIN FT	300	\$4.00	\$1,200.00	300	\$1,200.00						
BS# 6													
2360.609	BITUMINOUS DENSITY INCENTIVE/DISINCENTIVE	LUMP SUM	1	\$19,280.09	\$19,280.09	1	\$19,280.09						
CO# 1													
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	0	\$1.00	\$ -	0							
2575.571	RAPID STABILIZATION METHOD 3	MGAL	26	\$566.00	\$14,716.00	26	\$14,716.00						
WO# 1													
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	97	\$16.00	\$1,552.00	97	\$1,552.00						
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	7	\$450.00	\$3,150.00	7	\$3,150.00						
2104.523	SALVAGE CASTING	EACH	8	\$147.00	\$1,176.00	8	\$1,176.00						
2503.511	12" CS PIPE SEWER	LIN FT	162	\$26.00	\$4,212.00	162	\$4,212.00						
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	8	\$1,000.00	\$8,000.00	8	\$8,000.00						
2506.501	CONSTRUT DRAINAGE STRUCTURE DESIGN H	LIN FT	36.25	\$300.00	\$10,875.00	36.25	\$10,875.00						
2506.521	INSTALL CASTING	EACH	9	\$295.00	\$2,655.00	9	\$2,655.00						
2535.501	BITUMINOUS CURB	LINFT	2696	\$2.75	\$7,414.00	2696	\$7,414.00						
WO# 2													
2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	497.5	\$234.42	\$116,623.95	497.5	\$116,623.95						
WO# 3													
2123.610	MOTOR GRADER	DOLLAR	23512.27	\$1.00	\$23,512.27	23512.27	\$23,512.27						
WO# 4													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM		\$1,562.92									
2504.602	CONNECT TO EXISTING WATERMAIN	EACH		\$11,161.50									
WO# 5													
2105.601	EXCAVATION SPECIAL 1	LUMP SUM	1	\$17,852.77	\$17,852.77	1	\$17,852.77						
WO# 6													
2557.517	VEHICULAR GATE-SINGLE	EACH	2	\$1,760.00	\$3,520.00	2	\$3,520.00						
2557.523	METAL BRACE ASSEMBLY (CH LINK FENCE)	EACH	36	\$247.50	\$8,910.00	36	\$8,910.00						
WO# 7													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	LUMP SUM	1	\$3,248.04	\$3,248.04	1	\$3,248.04						
2105.601	COMMON CHANNEL EXCAVATION	LUMP SUM	1	\$4,022.55	\$4,022.55	1	\$4,022.55						
2211.501	AGGREGATE BASE CLASS 5	TON	61.5	\$40.00	\$2,460.00	61.5	\$2,460.00						
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,F)	TON	35.54	\$198.76	\$7,063.93	35.54	\$7,063.93						
2521.604	4" CONCRETE WALK	SQ YD	5.4	\$96.03	\$518.56	5.4	\$518.56						
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	217	\$30.23	\$6,559.91	217	\$6,559.91						
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87	\$79.33	\$6,901.71	87	\$6,901.71						
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,344.68	\$1,344.68	1	\$1,344.68						
WO# 8													
2021.501	MOBILIZATION	LUMP SUM	1	\$1,540.00	\$1,540.00	1	\$1,540.00						
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	261	\$2.64	\$689.04	261	\$689.04						
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1567	\$0.88	\$1,378.96	1567	\$1,378.96						

						PARTICIPATING- FEDERAL FUNDS							
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES	TOTAL PROJECT COST		WASHINGTON COUNTY 002-611-034 QUANTITIES	WASHINGTON COUNTY 002-611-034 COST	CITY OF COON RAPIDS SP 114-020-050 ROADWAY QUANTITIES	CITY OF COON RAPIDS SP 002-611-034 COST	DRAINAGE QUANTITIES	DRAINAGE COSTS	CITY OF COON RAPIDS CP 13-10 ROADWAY QUANTITIES	CITY OF COON RAPIDS CP 13-10 COST
2104.523	SALVAGE SIGN TYOE C	EACH	2	\$192.50	\$385.00	2	\$385.00						
WO#9													
2118.501	AGGREGATE SURFACING CLASS 5 DRIVEWAYS	DOLLAR	4,365.35	\$4,365.35	\$4,365.35	4,365.35	\$4,365.35						
WO#10													
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	EACH	1	\$6,704.34	\$6,704.34	1	\$6,704.34						
				BASE BID TOTAL:	\$6,177,434.40		\$4,499,566.67		\$443,872.97		\$1,135,116.54		\$98,878.22

Funding Type	STP	Funding Group:		Group 1	Group 2	Group 5	Group 7
STIP Project Cost	\$5,206,810.00	Totals:	\$6,177,434.40	\$4,499,566.67	\$443,872.97	\$1,135,116.54	\$98,878.22
		Total Federal Eligible Items:	\$6,078,556.18	\$4,499,566.67	\$443,872.97	\$1,135,116.54	
		Federal Funds Available:	\$3,346,560.00	\$2,477,244.49	\$244,375.06	\$624,940.45	
		% Federal Funding	55.06%				

002-611-034 - FOLEY BLVD - FUNDING SPLITS									
	PROJECT TOTALS	WASHINGTON COUNTY TOTALS	WASHINGTON COUNTY FEDERAL FUNDS	WASHINGTON COUNTY STATE AID FUNDS	WASHINGTON COUNTY LOCAL FUNDS	CITY TOTALS	CITY FEDERAL FUNDS	CITY STATE AID FUNDS	CITY LOCAL FUNDS
ROADWAY	\$5,042,317.86	\$4,499,566.67	\$2,477,244.49	\$2,022,322.18		\$542,751.19	\$244,375.06	\$199,497.91	\$98,878.22
DRAINAGE (County 17.00% , City 83.00%)	\$1,135,116.54	\$192,969.81	\$106,239.88	\$86,729.94		\$942,146.73	\$518,700.57	\$423,446.16	
CONSTRUCTION TOTAL	\$6,177,434.40	\$4,692,536.48	\$2,583,484.37	\$2,109,052.12		\$1,484,897.920	\$763,075.63	\$622,944.07	\$98,878.22
TRAFFIC SIGNAL MATERIAL CHARGE-OUT	\$26,262.69	\$19,697.02		\$19,697.02		\$6,565.670		\$6,565.67	
CONSTRUCTION ENGINEERING	\$466,378.77	\$354,261.31		\$354,261.31		\$112,117.460		\$104,655.40	\$7,462.06
DESIGN ENGINEERING	\$384,261.81	\$291,885.27		\$291,885.27		\$92,376.540		\$86,228.35	\$6,148.19
RIGHT OF WAY	\$3,628,245.63	\$1,632,710.53		\$1,632,710.53		\$1,995,535.10		\$1,995,535.10	
UTILITY RELOCATION									
PROJECT TOTAL	\$10,682,583.30	\$6,991,090.61	\$2,583,484.37	\$4,407,606.25		\$3,691,492.69	\$763,075.63	\$2,815,928.59	\$112,488.47

APPENDIX B

METRO COUNTY COST SHARE COMPARISON TABLE

Cost Participation Policy Comparison

	County/City Participation				
Category	Anoka	Dakota	Hennepin	Ramsey	Washington
Standard County Construction in Cities with Population > 5000 (State Aid Cities) and Cities < 5000 and towns which typically have very low cost share.					
	100% County unless new road/alignment: 100% city	55% County, 45% City	Under 5000 100% County; Over 5000 50% County, 50% City; R/W for parking lanes 100% City	50% County, unless required due to request	R/W required via platting or redevelopment process that wasn't obtained, paid by City. R/W above what is needed for road project, paid by requesting agency. If platting or redevelopment has not occurred, R/W shall be split 45% County, 55% City. This is incentivises Cities to secure R/W during platting.
Right of Way (R/W)					
Roadway		55% County, 45% City			
Concrete Curb Gutter New	50% County, 50% City over 5000	55% County, 45% City	Under 5000, 75% County; Over 5000, 50% County	25% County, 75% city	Over 5000 50% County, 50% City; under 5000 100% County
Concrete Curb Gutter Repl			Under 5000, 75% County; Over 5000, 50% County	100% County if serviceable	100% County
Curb and Gutter Medians	100% County	55% County, 45% City	100% County	100% County	100% County
Plain Concrete Median	100% County, City any enhancements	55% County, 45% City	100% County	100% County, City any enhancements	100% County, City any enhancements
Shoulders	County 100%, unless wider by City request.	55% County, 45% City		100% required for SA standards and White Bear TWP & under 5000. 50% outside of required width.	
Parking Lanes	Not specifically addressed			Over 5000 25% County, 75% City, Under 5000 and TWP 100% County.	
Concrete Sidewalk	100% City	55% County, 45% City	25% County, 75% City	50% County, 50% City	50% County, 50% City
Sidewalk Replacement	100% County		State Aid Eligiblity or 100% County whichever is less	up to 100% County depending on condition and reason for replacement	100% County
Bikeway	100% City, County will participate if on the regional system and funds are available.	55% County, 45% City	100% County if on road	50% County/50% City	50% County, 50% City
Bikeway Replacement	100% County	Up to 55% County if the local unit is following the adopted Bikeway Trail maintenance agreement otherwise 100% local.		up to 100% County depending on condition and reason for replacement	100% County
Local Utilities	100% City	55% County, 45% City	Relocation (if required due to project) - 100% County; Adjustment - 100% City	100% county if required for traveled lane, otherwise 100% City	100% City
Intersecting Streets	100% County	55% County, 45% City		% based on ratio of surface of each jurisdiction	
Grading, Base, Bituminous	100% County	55% County, 45% City	100% County (excluding requested parking lanes)		100% County
Storm Sewers	Based on State Aid Letter or contributing areas	County pays 55% of eligible storm sewer based on the State Aid Letter or contributing flows.	Based on State Aid Letter or contributing areas	Based on State Aid Letter or assessment policy	Based on State Aid Letter or contributing areas
Driveway	100 % County for in kind, City pays for any upgrades		Under 5000, 75% County; Over 5000, 50% County	100% County replacement	
Traffic Signals, over 5000 and warranted	County 1/2 of its legs, City its legs plus 1/2 of County legs	55% County, 45% City	Two County Legs 25% County, 75% City; Three or more County legs, 50% County, 50% City; Half of above for County if a TH is involved.	County pays County legs, City Pays City Legs	County pays County legs, City Pays City Legs
Traffic Signals, under 5000 and warranted	County 100%	55% County, 45% City	100% County	County pays County legs, City Pays City Legs	100% County
Traffic Signal at Private access	Negotiated	100% City if TIF Funded	Not allowed		
Traffic Signals not warranted	100% City		Not allowed		
Traffic Signal replacement	By Leg	By Leg	Two County legs 50%; Three or more County legs 100%;		
EVP	100% City		100% City		Same as signal
Roundabout		55% County, 45% City			By Leg, including raised center median, curb, truck apron and roadway markings.
Street Lights	100% City	55% County, 45% City	50% of State Aid Eligible Costs, if adequately lights County Highway or for pedestrain level lighting.	100% City	100% City
Noise walls	Depends on circumstances	55% County, 45% City	Under 5000, 100% of State Aid eligibility (County); Over 5000, 50% of State Aid eligibility (County)		100% City
Retaining walls in lieu of R/W acquisition	100% County	55% County, 45% City	Same as R/W	50% County, 50% City	100% City if R/W not obtained during platting. 100% County if R/W was obtained during platting.
Retaining walls to minimize impacts	100% County	55% County, 45% City		50% County, 50% City	50% County, 50% City
Avg Total of Construction	Varies. Usually 15% city	45% City	Varies. 20-25% city	Varies. 15-20% city.	Varies. 20-25% City
Preliminary and Design Engineering	100% County unless special requests or big changes by city.	55% County, 45% City (MAX 25% of total costs)	Negotiated. By cost share if possible	% of Participation	Prorated by cost share.
Construction Engineering	8% of City Cost	55% County, 45% City	Negotiated. By cost share if possible	% of Participation	% of Participation
Pro-Rata Items	Mobilization, Traffic Control, Field Office, Temp Signal		Mobilization, Traffic Control, Field Office		Mobilization, Traffic Control, Field Office, EROSION CONTROL.
Temp signals for Construction	% of Participation		100% County		
Other notes:	All counties pay for the majority of grading and paving with some exceptions. All counties share federal funds with cities. If project has federal funds, the cities share are much lower (5-10%). The cost share agreements kick in on non-federal share. All counties handle city utilities in similar ways. City utilities are paid for by the city unless they need adjustments solely because of the reconstructed road.				
Signal Notes:			County has Traffic Signal Ranking System. Will not allow signals to be installed at intersections with a priority factor of less than 30		Intersection Control Ranking System (ICRS, Policy #8002)

	Anoka County is more costly for Cities on these items.
	Anoka County is about the same as these
	These Counties are more costly for Cities than Anoka County
	Unknown

APPENDIX C

COUNTY COST PARTICIPATION POLICIES

FOR PROJECTS CONSTRUCTED IN ANOKA COUNTY

<u>ITEMS</u>	<u>COUNTY SHARE</u>	<u>CITY SHARE</u>
Concrete Curb & Gutter	50%	50%
Concrete Curb & Gutter for Median and Center Island Construction	100%	0%
Concrete Median	100%	0*1
Concrete Sidewalk	0%	100%
Concrete Sidewalk Replacement	100%	0%
Bikeways	0%	100%
Bikeway Replacement	100%, Unless existing trail not placed at edge of R/W	0%
Construction or Adjustment of Local Utilities	0%	100%
Grading, Base and Bituminous	100%	0%
Storm Sewer	based on state aid letter*2	based on state aid letter*2
Driveway Upgrades	100%, in-kind	100%, of up-grades
Traffic Signals, new (communities larger than 5,000) w/ State Aid approved SJR	½ the cost of its legs of the intersection	the cost of its legs of the intersection plus ½ the cost of the County legs of the intersection
Traffic Signals, replacement (communities larger than 5,000) w/ State Aid approved SJR	the cost of its legs of the intersection	the cost of its legs of the intersection
Traffic Signals, new & replacements (communities less than 5,000) w/ State Aid approved SJR	100%	0%
Traffic Signal, w/o State Aid approved SJR	0%	100%
EVP	0%	100%
Engineering Services	*3	*3
Right-of-Way	100%*4	0%
Street Lights	0%	100%
Noise Walls	100%, if not previously notified*5	100%, if previously notified*5

- *1 The County pays for 100% of Standard Median Design such as plain concrete. If a local unit of government requests decorative median such as brick, stamped concrete, or landscaping, the local unit will pay the additional cost above the cost of standard median.
- *2 In the event no State Aid is being used, or in the event the state aid letter does not determine cost split percentages, drainage cost shares will be computed by the proportion of contributing flow outside the County right of way to the total contributing flow.
- *3 Engineering shall be paid by the Lead Agency except that any participating agency will pay construction engineering in the amount of 8% of the construction costs paid by that agency.
- *4 In the event that the Township or City requests purchase of right-of-way in excess of the right-of-way required by County construction, the Township or City participates to the extent an agreement can be reached in these properties. For instance, a Township or City may request a sidewalk be constructed alongside a County roadway which would require additional right-of-way, in which case the Township or City may pay for that portion of the right-of-way. Acquisition of right-of-way for new alignments shall be the responsibility of the Township or City in which the alignment is located. This provision may be waived by agreement with the County Board if the roadway replaces an existing alignment and the local unit of government takes jurisdiction of that existing alignment. In addition, any costs, including right-of-way costs, incurred by the County because a Township or City did not acquire sufficient right-of-way during the platting process or redevelopment process as requested by the County shall be paid by the Township or City.
- *5 Notification includes any letter to the agency indicating that noise will potentially be an issue in the future, likely received during the Plat Review Process. Maintenance shall be the responsibility of the agency paying for the initial installation. When the County is the responsible agency, it shall pay 100% of Standard Noise Wall Cost. If a local agency requests decorative noise walls, the requesting agency will pay the additional cost above the cost of standard noise wall.

- **Interchanges, Transit Stations & Transit Corridor Funding**
Work to develop funding on a case-by-case basis for priority interchanges, transit stations, transit corridor improvements, and preservation/purchase of necessary right-of-way. Work with the County Board, state, regional, and local partners to determine priorities.
- **Shared Purchases**
Participate in shared purchase and use of equipment, services, and materials with other governmental agencies when practical.
- **State Funding**
Pursue increased state funding through increases in transportation user fees such as the gas tax.
- **State/Federal Bridge Funding**
Pursue funding for replacement of bridges that are eligible for state or federal funding.
- **Transportation Fund Allocation**
Pursue changes in the way that state transportation funds are allocated to counties through increases in transportation user fees such as the gas tax.
- **CSAH Revenue**
Pursue opportunities with County State Aid Highway needs and CSAH system changes to maximize funds made available to Dakota County.
- **Wheelage Tax**
Pursue changes to the wheelage tax allowing counties to increase the amount from \$5 to \$10 per vehicle.

The following **policies** support the goal of directing limited resources to the highest priority needs of the transportation system.

Policies

F.1 Cost Participation - Roadway

For cities with populations over 5,000, the County will participate up to 55 percent of the engineering and construction costs (after deducting federal and state cost participation amounts) of the following cost-shared items for projects included in the adopted CIP:

1. Highway construction items.
2. Mitigation required by local, state and federal permits, including accessibility requirements.
3. Eligible storm sewer and other drainage facilities based on contributing flows meeting State Aid sharing factors.
4. Replacement or restoration of fences, landscaping, and driveways when affected by construction.
5. Centerline drainage culverts.
6. Replace or adjust sanitary sewer, water, and storm sewer systems, if required due to construction.
7. Replace or adjust privately owned public utilities when utilities exist within privately held easements. .
8. Eligible water pollution control best management practice items based on the County's share of contributing flows and meeting National Pollution Discharge

Elimination System (NPDES) standards such as outlet structures, sedimentation basins and ponds, and temporary erosion control. This includes recognition of the best management practices and systems necessary to meet all local, county, state or federal storm water treatment requirements.

9. Design elements integral to the safe design and operation of a roundabout, including: street lighting, line of sight treatments, and pedestrian safety and accessibility treatments.
10. Transit infrastructure improvements on highways, including bus pullouts, bus shelters, and all pedestrian facilities necessary to support transit.

Along principal arterials, interchanges and segments designated for ½ mile full access spacing, the City's cost share for the County-eligible engineering and construction costs of the above items will be a maximum of 25 percent of the total costs.

F.2 Cost Participation - Aesthetic

Participate in aesthetics up to three percent of the County share of highway construction costs (excluding right of way, bridges, ponds, and storm sewers) prior to application of federal, state, or jurisdictional transfer funds. The County share of aesthetic participation may not exceed the local cost share for aesthetics. Aesthetics may include landscaping, plantings, decorative pavements, surface treatments, or decorative fencing. The County will not participate in aesthetics on preservation projects.

Along designated transitway corridors, participate in aesthetics up to six percent of the County share of transit improvement costs, and up to three percent of the County share of highway improvement costs. The local share of construction and installation costs for aesthetic elements determined by the County to be a necessary component of a regional transitway project will be 20 percent after application of applicable federal, state and regional funding sources. The local share of costs for aesthetic elements not determined as a necessary component by the County will be 100 percent. Maintenance of aesthetic elements of transitway projects will be accomplished in accordance with applicable County highway maintenance policies. (Also as Policy T.4).

Aesthetic elements are subject to clear zone and sight line requirements, may not hinder normal maintenance operations, or degrade safety or operation of the highway, including trail or sidewalk facilities. The County will not participate in additional right-of-way necessary for only aesthetic enhancements. The local agency is responsible for maintenance of all aesthetic elements. Failure to maintain aesthetic elements may result in the local agency no longer being eligible for aesthetic funding participation. The County reserves the right to remove non-maintained aesthetic elements and recover costs from the local agency.

F.3 Cost Participation - Right-of-way

For cities with populations over 5,000, participate up to 55 percent of the cost of right of way for existing highways where right-of-way is required for:

1. The construction of items described in F.1, (1-10) and F.5 (Traffic Signals) provided city land use decisions have supported right of way needs in the corridor.
2. The County's portion of storm sewer and other drainage facilities based on contributing flows meeting State Aid sharing factors.
3. The County portion of water pollution control best management practice items based on the County's share of the contributing flows and meeting NPDES standards. This

includes recognition of the best management practices and systems necessary to meet all local, county, state or federal storm water treatment requirements.

Along principal arterials, interchanges, and segments designated for ½ mile full access spacing, the City's cost share for the right-of-way acquisition costs as described above will be a maximum of 25 percent of the total right-of-way costs.

F.4 Cost Participation - Engineering

For cities with populations over 5,000, design and construction engineering costs will be split based on the County and city share of construction costs.

F.5 Cost Participation – Traffic Signals

Traffic signals on County highways (including construction costs for attached streetlights, interconnection, pre-emption, etc.) will be eligible for the following County participation after subtracting federal and/or State funds:

1. New Signal Installation, Operational Revisions and Signal Placement with highway projects – up to 55% County funds
2. Existing Signal Replacement due to signal age – up to the percentage of intersection approach legs under County jurisdiction.

F.6 Cost Participation Involving Federal and State Funds

Subtract from the County eligible project costs, funds received from regional federal solicitation, Trunk Highway Fund, Trunk Highway Jurisdictional Transfer Fund, or federal or state grants, then balance of the costs will be divided according to County policies.

F.7 Cost Participation for Populations Less Than 5,000

Pay costs for eligible construction and reconstruction (F.1, 1-8) for existing projects for cities with populations less than 5,000 and all townships.

F.8 Cost Participation for Storm Sewer System Maintenance

Share the cost of City maintenance of the following elements of County transportation facility storm water drainage systems:

1. Roadway catch basins and pipes connecting catch basins to mainline pipes are eligible for up to 80 percent County participation.
2. Mainline pipes and storm water treatment and mitigation facilities based on the County's share of contributing flows.
3. To be eligible for County participation, a system-wide storm water maintenance agreement between the County and local agency will be required to identify system-wide roles and cost responsibilities. These cost share agreements are for actual repair and replacement projects and not for routine maintenance activities such as cleaning.
4. To be eligible for County participation, storm sewer repair and maintenance projects must be included in the currently adopted CIP or be approved by the County prior to incurring costs.

F.9 Cost Participation for Multi-Use Trails and Sidewalks

Participate in the construction of trails and sidewalks along the County highway system up to 55 percent (less any applicable grants). Participate in the overlay or reconstruction of trails and sidewalks along the County highway system up to 55 percent (less any applicable grants), if the local unit of government is following an adopted Bikeway Trail maintenance agreement between the County and the local unit of government. If the

local unit of government has failed to follow the maintenance agreement, the overlay or reconstruction costs become the sole responsibility of the city.

F.10 Cost Participation for Transitways

The County will participate in providing the local share of regional transitway improvements as required by the Counties Transit Improvement Board (CTIB). Participate in the transit components of improvements on County Highways that are also Regional Transitways up to 80 percent of the local share. Participate in transit infrastructure improvements up to 55 percent for less significant elements normally associated with transit projects as determined necessary by the County to support transit.

F.11 Tax Increment Financing (TIF) Costs

Subtract from the County eligible project costs, the costs of highway improvements or other highway costs (e.g. traffic controls), which are, in the determination of the County, the result of tax increment financing plan or an amendment to a TIF plan with the balance of costs divided according to policies. County Board resolution is required for any significant deviation from this policy.

F.12 Township Allotment Fund

As requested by the township and approved by the county engineer, use the "township allotment" to fund:

1. 50 percent of township road or bridge construction projects.
2. Intersection lighting of County highways, including energy costs. (Energy costs will be submitted on an annual basis.)
3. Sign replacement funding.

F.13 Capital Improvement Program

Annually prepare and review the five-year transportation and regional rail authority CIP's.

F.14 Cost Participation – Roundabouts

Participate up to 55 percent of the costs for eligible engineering and construction items for roundabouts as described in Policy F.1.

Aesthetic elements of roundabouts are subject to Policy F.2. For roundabouts along principal arterials, interchanges, and segments designated for ½ mile full access spacing, the City's cost share for the engineering and construction costs will be a maximum of 25 percent.

F.15 Cost Participation – Future County Road Segments

At County discretion, participate in the construction and engineering costs for constructing future County roadway segments to County standards, over and above the costs that would have been incurred to construct the segment to city collector street standards.

F.16 Cost Participation – Small Safety Projects

The County may participate up to 100% of the engineering and construction costs of the following project types based on County review or prioritization to improve the safety of the transportation system, provided that they would not otherwise be included in a larger management, replacement or expansion project, or permit request:

1. Median Closures or Modifications;
2. Access Closures or Modifications;
3. Intersection Street Lighting;

4. Turn Lanes or Channelization at the Intersection of Two County Roadways (including minor signal changes to accommodate improvement);
5. Guardrail Installation; and
6. ADA required safety improvements.

F.17 Cost Participation – Local Roadway System

The County may participate up to 55% of the costs for construction of local roadways necessary to directly mitigate physical, safety or operational deficiencies on the County highway system. Actual participation amount shall be based on the quantifiable benefit to the County highway system, as determined by the County based on engineering study. Local roadway construction costs that will be considered include:

1. Costs associated with relocation and construction of portions of the local roadway system to provide for its continuity and operation at a level that approximates its condition prior to construction of a County highway project.
2. Costs associated with improvements necessary to adequately accommodate County highway traffic detoured onto a local roadway during County highway construction.
3. Costs to improve local roadways to adequately accommodate traffic turning from the County highway onto a local roadway due to the addition of turn lanes on the County highway.
4. Costs directly associated with removal or consolidation of existing access to the County highway system.
5. Costs associated with construction of a local roadway that eliminates or significantly delays the need to expand the County highway system.

F.18 Street Lighting

Participate in the installation, maintenance, and utility costs of standard streetlights as follows. Aesthetically-enhanced and decorative streetlights are subject to Policy F.2.

A. Installation (New and Replacement)

- a. Intersection Street Lights at stop-controlled intersections with demonstrated safety benefit based on County evaluation – Participate up to 100 percent.
- b. Street Lights on Traffic Signals – Participation will be consistent with other improvements per Policy F.5.
- c. Integral Street Lights at Roundabout Intersections – Participate up to 55 percent.
- d. Street Lighting along High Priority County Transit Corridors – Participate up to 55 percent.

B. Maintenance and Utility Power Costs

- a. Intersection Street Lights at stop-controlled intersections with demonstrated safety benefit based on County evaluation – Participate up to 100 percent.
- b. Street Lighting at Roundabouts and High Priority County Transit Corridors – The County does not participate.
- c. Street Lights on Traffic Signals – The County does not participate in power costs or maintenance. (Street lighting is the light, luminaire pole and all wiring located above the signal mast arm.)

HENNEPIN COUNTY

PUBLIC WORKS BUSINESS LINE

TRANSPORTATION DEPARTMENT

**POLICIES FOR COST PARTICIPATION
BETWEEN HENNEPIN COUNTY AND OTHER AGENCIES
FOR COOPERATIVE HIGHWAY PROJECTS**

AS ADOPTED ON FEBRUARY 7, 2012

The attached policies for cost participation will be used by Hennepin County to determine appropriate funding levels for cooperative highway projects with the Minnesota Department of Transportation, municipalities and other agencies.

Cost participation policies were originally established by Hennepin County in 1978. These policies were revised in 1993, 1999 and 2011.

HENNEPIN

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HENNEPIN COUNTY
PUBLIC WORKS BUSINESS LINE
TRANSPORTATION DEPARTMENT

POLICIES FOR COST PARTICIPATION
BETWEEN HENNEPIN COUNTY AND OTHER AGENCIES
FOR COOPERATIVE HIGHWAY PROJECTS

I. PURPOSE

To establish policies for determining appropriate division of cost participation to be used by Hennepin County in funding cooperative roadway, traffic signal and bridge construction projects with the Minnesota Department of Transportation, municipalities and other agencies.

II. SCOPE

The establishment of cost policy is consistent with Minnesota Statutes, Sections 162.17, 373.01, 471.59 and Amendments.

III. GENERAL POLICIES

- A. The basic premise is that the County pays for costs peculiar to County needs and municipalities pay for costs peculiar to municipal or local needs.
- B. The County may limit its participation to items eligible for reimbursement with County State Aid Highway (CSAH) funds, notwithstanding the specific policies contained in this document. However, the County will not request CSAH funds for project costs assigned to the municipality as a result of the approved cooperative construction agreement, in order not to preclude the municipality from using its Municipal State Aid funds for those project costs.
- C. A greater degree of County participation is afforded municipalities having a population of less than 5,000 because of the function of the County roadways in these areas. It is generally true that these roadways are of greater benefit to County-wide users and of less benefit to local users than is the case for roadways in more urbanized areas. In addition, this would be a form of compensation for the absence of direct State Aid allocations to these municipalities; notwithstanding the present County program of Aid to Municipalities under 5,000 population.

III. GENERAL POLICIES - continued

- D. It is recognized that there may be occasional differences between these policies and written participation policies of the Minnesota Department of Transportation. In those cases, participation will be negotiated by the County Engineer.
- E. When federal aid highway funds are utilized on a County highway project, this policy will be applied to the federal participating items and will be shared proportionally with the municipality. In the event federal or state grant funds are made available to a project on a lump sum basis, the County will determine the items for which those funds will be utilized.

IV. DEFINITIONS

5,000 and Over: A municipality of 5,000 population or more.

Accident Severity Factor: One element of the County's Traffic Signal Ranking System. This factor is used to measure the relative severity of accidents by differentiating between property damage and personal injury accidents in terms of cost.

Bikeway: A bicycle route, bicycle path, or bicycle lane.

1. Bicycle Route. A roadway or shoulder signed to encourage bicycle use.
2. Bicycle Path. A bicycle facility designed for exclusive or preferential use by persons using bicycles and constructed or developed separately from the roadway or shoulder.
3. Bicycle Lane. A portion of a roadway or shoulder designed for exclusive or preferential use by persons using bicycles. Bicycle lanes are to be distinguished from the portion of the roadway or shoulder used for motor vehicle traffic by physical barrier, striping, marking, or other similar device.

County: Hennepin County.

County Engineer: The County Engineer of Hennepin County or a designated representative.

Municipality: Any municipality or township within Hennepin County.

Permanent Traffic Signal: A traffic control signal system normally consisting of metal signal poles with mast arms and underground electrical systems with conduit, cable and handhole installations.

Priority Factor: A number which reflects the sum of the traffic volume factor, the accident susceptibility factor, and the accident severity factor in the County's Traffic Signal Ranking System.

IV. DEFINITIONS - continued

Routine Maintenance: Simple, small-scale activities, usually requiring minimal skills or training, associated with regular (daily, weekly, monthly, etc.) and general upkeep against normal wear and tear.

Storm Sewer: A drainage system usually consisting of one or more pipes connecting two or more drop inlets. The purpose is to convey surface runoff water from the inlets to an acceptable outlet.

Street and Pedestrian Lighting: All components normally installed for the purpose of street, and where present, sidewalk/trail illumination.

Standard Specifications: Minnesota Department of Transportation Standard Specifications for Highway Construction, latest edition and/or supplement thereto.

State Aid Manual: Manual published by the Minnesota Department of Transportation outlining State Aid policies and procedures.

State Highway: A highway under jurisdiction of the State of Minnesota.

Temporary Traffic Signal: A traffic control signal system normally consisting of wood poles with signal indications suspended on span wires and overhead electrical systems, or used mast arms and poles taken from other locations.

Trunk Line: Main conveyor of storm sewer system.

Under 5,000: A municipality or township under 5,000 population.

Utilities: Water, heating, electric, storm sewer, gas, sanitary, telephone, cable TV, telegraph, street lighting, fiber optics, etc.

V. ROADWAYS

The County's participation in roadway projects will be as follows:

A. Right of Way	
Under 5,000	100%
5,000 and Over	50%

The County will not participate in right of way for parking lanes requested by a municipality.

The County's percentage of participation in retaining walls and appurtenances constructed in lieu of right of way will be the same as for right of way. Routine maintenance shall be a municipality responsibility. Wall reconditioning/replacement costs shall be split at the same percentage as the original installation unless a

V. ROADWAYS - continued

municipality's population either rises above or falls below 5,000 between initial construction and subsequent reconditioning/replacement.

Right of way required for wetland mitigation and for surface water retention basins will be at the same participation ratio as the remainder of the project even if the locations of these facilities are not contiguous to the project.

B. Grading
Under/5,000 and Over 100%

C. Surfacing
Under/5,000 and Over 100%

The County will not participate in surfacing of parking lanes requested by a municipality.

D. Storm Sewer

The County's participation is based on the State Aid formula as defined in the State Aid Manual.

The following formula determines the percent eligibility for State Aid funds for trunk storm sewer and catch basins and leads. The formula allows for some contributing drainage areas outside of the State Aid right of way that still results in 100% eligibility for State Aid funds for the storm sewer system. The County's participation in State Aid eligible storm sewer costs (including trunk lines, catch basin/leads, and water quality/retention structures and basins) within the logical touchdown limits of the County highway will be at the percentage in the Cost Participation Summary below. The County will not participate in any portion of the drainage system not eligible for State Aid funding. Storm sewer cost participation for frontage roads shall be determined by the County Engineer.

Routine maintenance of catch basins and leads, and trunk lines serving the County roadway only shall be a County responsibility. Routine maintenance of trunk lines serving areas beyond the County roadway shall be a municipality responsibility.

State Aid Eligibility Formula

$\% \text{ Eligible} = 25\% + \{ (\text{State Aid Right of Way Area}) (F) / \text{Total Drainage Area} \} \times 100\%$

F = 1.0 when the area outside State Aid R/W is predominately hard-surface (such as a commercial district)

F= 2.0 where the area outside State Aid R/W is predominately residential

V. ROADWAYS - continuedCost Participation Summary

1. State Aid Eligible	
Under 5,000	100%
5,000 and Over	50%

2. Non-State Aid Eligible	
Under /5,000 and Over	0%

E. Concrete Sidewalk

New – Under/5,000 and Over	25%
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Replacement - Under/5,000 and Over	State Aid Eligibility or 100% Whichever is Less
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Maintenance of sidewalk shall be a municipality responsibility.

F. Concrete Curb and Gutter (New or Reconstructed) Concurrent with County Construction ProjectUrban/Suburban Typical Section

Under 5,000	75%
5,000 and Over	50%

Rural Typical Section*

Under 5,000	100%
5,000 and Over	100%

*Curb and gutter used to minimize project impacts

G. Concrete Curb and Gutter and Sidewalk for Medians (New or Reconstructed) Concurrent with County Construction Project

100%

H. Concrete Driveway Entrances (New or Reconstructed) Concurrent with County Construction Project

Under 5,000	75%
5,000 and Over	50%

I. Municipal Utility Relocation or Reconstruction

1. Initial installation performed without a permit or not in compliance with a County permit.	
Under/5,000 and Over	0%

V. ROADWAYS - continued

2. Relocation, reconstruction, improvement, or replacement of unserviceable existing facilities (County Engineer shall determine if existing facility is serviceable or unserviceable).
Under/5,000 and Over 0%
 3. Relocation necessitated because of addition of parking lane requested by the municipality.
Under/5,000 and Over 0%
 4. In-kind relocation required solely because of County construction procedures.
Under/5,000 and Over 100%
 5. Adjustment of existing utility structures to accommodate elevation changes at the street surface. This includes items such as adjusting manhole castings and valve boxes. Lateral extension of utility appurtenances such as hydrants, water service valves, etc. required by the road construction are not included in this category unless they are required solely due to the addition of a parking lane requested by a municipality.
Under/5,000 and Over 0%
- J. Private Utility Relocation or Reconstruction
- | | |
|---|------|
| Utility is located outside County right of way and/or public purpose easement | |
| Under 5,000 | 100% |
| 5,000 and Over | 50% |
| Utility is located within County right of way and/or public purpose easement | |
| Under/5,000 and Over | 0% |
- K. Noise Walls/Barriers/Mitigation Fences
- | | |
|----------------|-------------------------------|
| Under 5,000 | 100% of State Aid Eligibility |
| 5,000 and Over | 50% of State Aid Eligibility |

The County will share as indicated with a municipality in the cost of noise wall/barrier construction and for fences constructed in lieu of noise walls/barriers. The cost of aesthetic features not eligible for State Aid funding shall be the responsibility of the municipality.

Routine maintenance shall be a municipality responsibility. Noise wall/barrier reconditioning/replacement costs shall be split at the same percentage as the original installation unless a municipality's population either rises above or falls below 5,000 between initial construction and subsequent reconditioning/replacement. The reconditioning/replacement of fences constructed in lieu of noise walls shall be the responsibility of the municipality, unless a separate agreement is made with the property owners.

VI. TRAFFIC SIGNAL SYSTEMS

As traffic volumes increase, the County is being faced with an expanding number of intersections where traffic signals are warranted in accordance with the Manual on Uniform Traffic Control Devices. Installation of marginally warranted traffic signals reduces the efficiency of moving traffic on the County highway system and consumes construction and maintenance funds more appropriately used on higher priority needs. The County must, therefore, be more selective in terms of which traffic signals are installed and the extent of County participation. The County has developed a Traffic Signal Ranking System which reflects traffic volumes and accident susceptibility and severity. This system will be utilized to determine priorities for new traffic signals (both temporary and permanent). As a general policy, the County will not normally install, or allow to be installed, traffic signals at intersections with a priority factor of less than 30. In addition, some elements of County participation may vary depending upon the factors in the Traffic Signal Ranking System.

Municipalities under 5,000 normally will not be required to participate in costs for traffic signal systems.

The County's participation in traffic signal projects with the Minnesota Department of Transportation, municipalities 5,000 and over and other agencies will be as follows:

A. Permanent Traffic Signal System Installations

The County will not normally install, or allow to be installed, traffic signals at intersections with a priority factor of less than 30.

At locations where traffic signals are warranted and have a priority factor of 30 or more in the County's Traffic Signal Ranking System, the construction costs shall be pro-rated as follows. The construction costs include all of the control equipment and standards, signal heads and related items, but does not include the costs of interconnect cable, conduit, and handholes necessary to coordinate traffic signals between intersections. These interconnect costs will be 100% County cost.

1. No Trunk Highways involved:

Two legs of the intersection or less are County roadways.	State Aid Eligibility or 25% Whichever is Less
Three legs or more of the intersection are County roadways	State Aid Eligibility or 50% Whichever is Less

2. Trunk Highways involved:

County participation shall be calculated as follows:

County cost share x (number of County legs ÷ total number of legs) x 50%

If no leg is city/private the County will pay 100% of the County share.

VI. TRAFFIC SIGNAL SYSTEMS - continued**B. Reconstruction of Existing Traffic Signal Systems**

Where existing traffic signals are upgraded by installation of a new system, the County's share shall be twice that shown in Paragraph A of Section No. VI.

C. Temporary Traffic Signal Installations

The County prefers that permanent traffic signals be installed initially wherever feasible. In the event that permanent traffic signals are not feasible, the following cost participation policies apply for temporary traffic signal installations:

- The costs for temporary traffic signals installed only for traffic control during construction of a County project shall be paid 100% by the County.
- The municipality will pay the full cost of a temporary traffic signal and will not receive any credit for those costs when a permanent traffic signal is installed if, at the time the temporary traffic signal is installed, the accident severity factor is less than 10 or the priority factor is less than 40.

The following shall apply to temporary traffic signals where the accident severity factor is greater than or equal to 10 and the priority factor is greater than or equal to 40:

- For those temporary traffic signal projects with an accident severity factor greater than 19 or priority factor greater than 49, the municipality will receive credit for 75% of the temporary traffic signal cost when the permanent traffic signal is installed.
- For those temporary traffic signal projects with an accident severity factor of 10-19 or a priority factor of 40-49, the municipality will receive credit for 50% of the temporary traffic signal cost when the permanent traffic signal is installed.

D. Electrical power shall be furnished by the municipality. Source of power, including transformer, shall be provided by the municipality.

E. Maintenance for all traffic signals on County roadways shall be furnished by the County when the County is the road authority.

F. The entire cost of necessary equipment, installation and maintenance of any traffic signal emergency preemption equipment will be borne by the municipality.

G. Costs for County furnished equipment such as, but not limited to, controller cabinets, mast arms, poles, etc. will be apportioned the same as the traffic signal installation/reconstruction costs.

H. When street lighting is integral to the traffic signal pole, the cost will be included with installation.

VII. BRIDGES

The County's participation in bridge projects will be as follows:

Under/5,000 and Over	Negotiation by County Engineer
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VIII. LIGHTING

Under/5,000 and Over	50% of State Aid Eligible Costs
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The County will ~~not~~ participate in the installation of new street lighting as long as the lighting adequately lights the County highway. The County will participate in the installation of pedestrian level lighting along sidewalks/trails if street lighting does not adequately light them or if the pedestrian level lighting can adequately light both the street and sidewalks/trails. Lighting shall become the property of the municipality. Participation in the relocation or reconstruction of existing street lighting will be on the same basis as for municipal utility relocation or reconstruction (see Paragraph I. of Section No. V.).

IX. BIKEWAYS AND MULTIPLE USE TRAILS

The County's participation will be as follows:

A. Bicycle lanes on the highway	
Under 5,000 and Over	100%
B. Off highway bikeways/multiple use trails	
New- Under 5,000 and Over	50%
Replacement- Under 5,000 and Over	100%

Hennepin County encourages the increased use of bicycles as a means of transportation. To that purpose, it will incorporate bicycle lanes or routes within the highway corridor when feasible and when the bicycle incorporation has logical utility.

Routine maintenance of off highway bikeways and multiple use trails will be the responsibility of the municipality.

X. LANDSCAPING

The County will participate in landscaping to the extent of allowable State Aid participation at a rate consistent with Section XVII. of this policy. The County will not participate in irrigation system costs.

Landscape materials installed shall become the property and maintenance responsibility of the municipality.

XI. UNDERGROUNDING OF OVERHEAD UTILITIES IN VEHICLE RECOVERY ZONE

As a means of enhancing the safety of the roadside, the County will share equally with the municipality in the State Aid eligible cost of undergrounding of overhead utilities in vehicle recovery zones as established in the State Aid Rules to a maximum amount consistent with Section XVII. of this policy.

XII. MULTI-MODAL SUPPORT

To the extent eligible for State Aid reimbursement, the County will share equally with the municipality in the cost of transit shelters, benches, hard paved surfaces at transit shelters and stops, and bicycle racks to provide options for travelers along the corridor. The furnishings shall become the property of the municipality

XIII. ENGINEERING

The County's participation in engineering includes design costs which are costs incurred prior to the award of the contract and contract administration costs which are costs incurred subsequent to the award of contract.

- A. Design and/or Contract Administration performed by the County and based on the municipality's share of contract construction.

Under/5,000 and Over

*Negotiation by County Engineer

- B. Design and/or Contract Administration performed by the municipality and based on the County's share of contract construction.

Under/5,000 and Over

*Negotiation by County Engineer

* Based on current Hennepin County costs.

XIV. LUMP SUM, PRO-RATA ITEMS

Proposal forms carry lump sum bidding requirements for the items of Mobilization (2021) and Traffic Control (0563).

Field Office and Field Laboratory (2031) are not, strictly speaking, lump sum pay items. However, their general characteristics are such as to require that they be handled the same as Mobilization. A municipality shall be charged a pro-rata share of the above items. Proration shall be based on a percentage factor applied to the cost amounts chargeable to

XIV. LUMP SUM, PRO-RATA ITEMS - continued

the County and the municipality for other construction items. Mobilization, Field Office and Field Laboratory, and Traffic Control are construction items and shall be subject to the negotiated percentage charge for engineering.

XV. INVOICE AMOUNT COMPUTATION

After bids have been received and a contract awarded, and also upon completion of construction, the unit prices shall be substituted for the estimated unit prices/quantities and the percentage ratio established originally shall be recomputed.

XVI. UTILIZATION OF TAX INCREMENT FINANCING

This policy has been included to address the use of Tax Increment Financing on County projects by municipalities. Tax Increment Financing limits expansion of the tax base for new development and, thereby, limits the availability of additional County Property Tax funding which might be used on the County highway system.

The County's participation in a project where Tax Increment Financing is utilized by a municipality will be as follows:

At the time a municipality is requested to approve the preliminary plans for a project, the municipality must identify, by resolution, whether it intends to use Tax Increment Financing for any portion of the project cost. If the municipality elects to use Tax Increment Financing from any Economic Development District for any portion of the project cost, municipal participation will be 50% of the total engineering and construction cost and 100% of the right of way cost for any portion of the project within that municipality.

XVII. ROADSIDE ENHANCEMENT PARTNERSHIP PROGRAM

The Roadside Enhancement Partnership Program has been incorporated into these policies and governs only those projects which are along County road corridors within municipalities located entirely within the Metropolitan Urban Services Area on December 8, 1998 and have been funded from the "Highway Enhancement" element of the 1999 Capital Budget which was established by the County Board of Commissioners on December 8, 1998 (Resolution No. 98-12-701R1).

County highway corridors in municipalities located wholly within the 1999 Metropolitan Urban Services Area (MUSA) were developed during an era when community interest and focus was on the accommodation of the automobile. As a result, those corridors tended to lack aesthetic roadside features and produced somewhat stark conditions with little visual appeal or consideration for mixed use, i.e. intermodal. The goal of the Roadside Enhancement Partnership Program is to enhance the roadside environment of such County highway corridors and bolster community support, in terms

XVII. ROADSIDE ENHANCEMENT PARTNERSHIP PROGRAM - continued

of both acceptance and financial assistance, for projects intended for such enhancement. In addition, the program is intended to increase traveler awareness that such corridors are under the jurisdiction of the County, but are also intended to support the economic viability and sustainability of the communities and neighborhoods through which they traverse.

Program Objectives:

The Roadside Enhancement Partnership Program objectives are to:

- remove unsightly roadside features
- establish the roadway as a good neighbor
- make a positive impression on roadway users
- increase motorist awareness that the road is a County highway
- improve safety for all types of travelers
- promote multi-modal use of the corridor

Program Prioritization for County Funding:Enhancements Which Improve Corridor User Safety

It is important to improve corridor user safety for motorists, bicyclists, pedestrians and transit patrons as an element of a streetscape enhancement. When municipalities and community organizations develop corridor enhancement programs, the financial incentive offered by the partnership program will focus first on improvements which promote safety. Examples of safety improvements which may also be defined as enhancements to the streetscape include:

- undergrounding of utilities when poles lie within vehicle recovery zones
- construction of off-road bicycle paths which will remove bicyclists from the roadway
- construction of sidewalk where safety of pedestrian traffic, existing or projected, necessitates such action
- installation of transit stops to define locations for patrons and provide shelter from the elements
- installation of street and/or pedestrian lights

Enhancements Which Promote Multi-Modalism

In order to improve modal options available to citizens, the partnership program will provide financial incentive for improvements which offer an alternative to single occupancy vehicles as streetscape enhancements are developed. Examples of multi-modal improvements include:

- installation of transit shelters, benches and hard surface paving
- construction of bikeways and multiple use trails
- construction of sidewalks
- installation of bicycle racks

XVII. ROADSIDE ENHANCEMENT PARTNERSHIP PROGRAM - continuedRoadway Beautification

Although projects which promote corridor user safety and multi-modalism are of higher priority within the context of corridor enhancement, improvement of a corridor's visual aesthetic remains a strong priority of the partnership program. The partnership program is intended to restore an aesthetic appeal to the roadside and restore the County road corridor as a "good neighbor" within the community. Examples of roadway beautification elements include:

- planting materials and appurtenances which support their viability (does not include irrigation)
- installation of vertical elements (bollards, banner poles, etc.)
- installation of streetscape materials to establish a theme consistent with area architecture (does not include irrigation)

Screening/Separation of Adjacent Properties

Occasionally, it is necessary to screen abutting properties from a roadway corridor as a means of enhancing the visual aesthetics of the area. Separation of properties from the corridor may also serve to improve corridor user safety (fences separating parking lots from pedestrian ways).

Increase Awareness of County Highway Jurisdiction

In order to improve public awareness of the existence of a road as a County highway, the partnership program will provide a financial incentive for improvements which recognize the County's presence. Examples of elements which increase public awareness include:

- monuments at municipal entries which recognize the County
- roadway/roadside signage which identifies the road as a County route

Ownership/Maintenance of Improvements

The partnership program anticipates that municipalities will become owners of and will be responsible for the maintenance of enhancements financed by the County.

Partnership Program Funding Levels

County funding under the partnership program is not intended to further write down municipal cost participation if funding for these items is provided elsewhere in this policy or from other County funding sources.

Street Light Installation

50%

The partnership program will participate with municipalities to provide adequate, uniform street lighting for the safety of motorists, bicyclists and pedestrians.

Pedestrians Level Light Installation

50%

Where street lighting cannot serve the sidewalk or off road trail, the partnership program will participate in the cost.

If street lighting can serve the sidewalk or off road trail, the partnership program will not participate in the cost.

XVII. ROADSIDE ENHANCEMENT PARTNERSHIP PROGRAM - continuedUndergrounding of Overhead Utilities 50% or 33%

The partnership program will participate with municipalities based upon conditions that exist along the corridor. If the undergrounding is for safety purposes, the partnership program will contribute at a 50% level. If the undergrounding is to enhance the visual aesthetics of the corridor, the partnership program will contribute at a 33% level.

Note: The maximum partnership program contribution for undergrounding overhead utilities will be \$500,000 per centerline mile (project length) under the 50% level and \$330,000 per centerline mile (project length) under the 33% level.

Construction of Sidewalks for Pedestrian Safety 25%

The partnership program will participate where pedestrian safety, existing or projected, necessitates construction of sidewalks.

Enhancements that Promote Multi-Modalism 50%

The partnership program will participate to promote the use of transit by the public, including transit stops, shelters, benches, hard surface paving, bike racks, bikeways and multiple use trails.

Roadway Beautification 33%

The maximum partnership program contribution will be \$330,000 per centerline mile.

Note: Since surface treatments (color, scoring patterns, etc.) have limited visual impact on the motorist, the partnership program will not contribute toward the cost of the improvements.

Screening/Separation of Adjacent Properties 50%

The partnership program will participate equally with municipalities to provide security for corridor users. Examples of security improvements include fencing which separates parking lots from adjacent public bicycle and pedestrian ways and lighting at transit stops.

Increase Awareness of County Highway Jurisdiction Up to 50%

The partnership program will contribute up to 50% for monuments at municipal boundaries that recognize the County and the road as a County highway.

APPENDIX A

Municipalities Wholly Within the Metropolitan Urban Services Area on December 8, 1998

Bloomington
Brooklyn Center
Brooklyn Park
Crystal
Deephaven
Edina
Excelsior
Fort Snelling
Golden Valley
Greenwood
Hopkins
Long Lake
Medicine Lake
Minneapolis
Minnetonka
Minnetonka Beach
Mound
New Hope
Osseo
Richfield
Robbinsdale
St. Anthony
St. Louis Park
Shorewood
Spring Park
Tonka Bay
Wayzata
Woodland

HENNEPIN

Department of Public Works Cost Participation Policy

Ramsey County Public Works Cost Participation Policy for the Reconstruction and Major Maintenance of County Roads and County State Aid Highways

ITEM:	COUNTY SHARE:	NOTES:
Right of Way	50%	County cost participation on right of way acquisition may be reduced or eliminated where the acquisition is specifically for detached trails, aesthetics, or special design elements requested by municipalities or other project partners. County participation on right of way acquisition applies only to construction projects and shall be 0% for maintenance projects, except where additional right of way is required to accommodate improvements within the curb or shoulder line.
Removals	100%	
Travel Lanes	100%	
Parking Lanes	25%	100% in cities under 5,000 population or in White Bear Township. 100% on maintenance pavement preservation projects.

Shoulders	100%	100% of the width required to meet State Aid design standards. 100% in cities under 5,000 population or in White Bear Township. 100% on maintenance pavement preservation projects. 50% outside of the required width.
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ITEM:	COUNTY SHARE:	NOTES:
Concrete Curb & Gutter (new)	25%	
Concrete Curb & Gutter (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable. 100% of curb and gutter as part of median construction required for traffic channelization or to serve as a pedestrian refuge.
Storm Sewer	% Eligible for State Aid	
Culverts	100%	
Water Main Modification	100%	100%, if required for construction. 0% on betterments.
Sanitary Sewer Modification	100%	100%, if required for construction. 0% on betterments

Private Utility Relocation	0%	
Traffic Signals	100% of County Legs	Traffic Signal construction is addressed in a separate policy (County Board Resolution 81-1001). Electrical power shall be paid by the municipality.

ITEM:	COUNTY SHARE:	NOTES:
Roundabouts	100% of County Legs	
Retaining Walls	50%	50% when retaining walls are constructed in lieu of right of way acquisition or to mitigate impacts; by negotiation when necessitated by design parameters.
Grading Outside of Curb	100%	100% of area required for road construction. 50% of grading required specifically for sidewalks, trails, or other amenities.
Medians	100%	100% of a standard concrete median design, including curb and gutter; municipalities shall pay for the additional cost of any decorative or aesthetic treatments.
Sidewalks (new)	50%	Includes grading, aggregate base, surfacing, and pedestrian ramps.

Sidewalks (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable.
Bituminous Trail (new)	50%	Includes grading, aggregate base, surfacing, and pedestrian ramps.
Bituminous Trail (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable.

RAMSEY

ITEM:	COUNTY SHARE:	NOTES:
Trail/Sidewalk Grade Separation	0% to 50%, by negotiation	Bridge or underpass construction.
Street Lighting	0%	Street Lighting as part of a traffic signal shall be paid 100% by County. Electrical power shall be paid by the municipality.
Replacement Trees	100%	100%, if 1:1 replacement; 50%, if greater than 1:1
Fence	100%	100% if serviceable; 0% if in County R/W
Turf Restoration	100%	
Amenities and Aesthetics	0%	Special surface treatments, ground covers, or plantings, ornamental railings, etc.
Driveway Replacement	100%	
Stormwater Treatment	% eligible for State Aid	Maintenance shall be based on contributing flows.

ITEM:	COUNTY SHARE:	NOTES:
Preliminary/Design Engineering	% of Participation	
Construction Engineering	% of Participation	

RAMSEY

All County participation is subject to the availability of funds.

On Federal Aid Projects, the federal funds shall be applied to all eligible items before cost participation is calculated. Federal participation is typically 50-80% of the total project cost.

Right of Way (ROW) acquisition continues to grow in cost and complexity. Setting the County Cost share at 50% is intended to make the County an equal partner with the municipality(s), regardless of funding source(s) secured for a project. Early creation of a cooperative partnership helps ensure project scoping and alternatives analysis are comprehensive and consider all benefits and costs -- including right of way cost and impacts. Joint efforts can also identify specific locations where extraordinary ROW impacts are likely. In those cases, the County and City(s) can revisit available options or consider appropriate design changes. Timely recognition of unavoidable impacts can provide additional time for all parties to secure their respective funding sources. Redevelopment and/or future land use changes may also provide an opportunity to reduce conflicts with programmed improvements. Individual parcels which present exceptional challenges may justify an unequal distribution of City/County cost shares for consideration and approval of the County Board.

Retaining Walls are generally constructed to reduce right of way impacts or to protect environmental resources such as wetlands or wooded areas. County cost participation will be at the 50% level for those wall installations similar to ROW cost participation. In situations where wall options are locally preferred or part of a community's aesthetic design goals, County participation will be reduced or eliminated. Resulting County contributions will be limited to benefits reducing impacts to adjoining properties or environmental resources.

Trail/Sidewalk Grade Separations are desirable bike and pedestrian features but can be cost prohibitive in many settings. ADA compliance and mitigating access/safety issues often add substantial construction costs to otherwise straightforward structures - particularly in locations where space is limited. Design options can also vary from simple box culvert underpasses to elaborate bridge structures. The intent of a negotiated cost participation level of 0-50% is an acknowledgement of the enormous range in costs that may be proposed. It is important County participation adhere to sound benefit/cost considerations. County participation levels may also consider the availability of federal or other outside funding sources that materially reduce County and local shares.

COST PARTICIPATION BETWEEN WASHINGTON COUNTY AND OTHER AGENCIES FOR COOPERATIVE HIGHWAY IMPROVEMENT PROJECTS

Purpose

To establish policies for determining appropriate division of cost participation to be used by Washington County in funding cooperative roadway, traffic signal, and bridge construction projects with the Minnesota Department of Transportation, municipalities, and other agencies.

Scope

The establishment of cost policy is consistent with Minnesota Statutes, Sections 162.17, 373.01, 469.175, 471.59, and amendments.

General Policies

- A. A greater degree of county participation is afforded municipalities having a population of less than 5,000, because of the absence of direct state aid allocations to these municipalities.
- B. It is recognized that there may be occasional differences between these policies and written participation policies of the Minnesota Department of Transportation. In those cases, participation will be negotiated by the county engineer.
- C. When federal aid highway funds are utilized on a county highway project, these cost participation policies will be applied to the non-federal share of any specific item of work. In the event federal or state grant funds are made available to a project on a lump sum basis, the county will determine the items for which those funds will be utilized.

Definitions

County: Washington County.

County Engineer: The county engineer of Washington County or designated representative.

Over 5,000: A city of 5,000 population or more.

Permanent Traffic Signal: A traffic control signal system normally consisting of metal signal poles with mast arms and underground electrical systems with conduit, cable, and access-hole installations.

Priority Factor: A number which reflects the sum of the various factors in the county's Intersection Control Ranking System (ICRS).

Street Lighting: All components normally installed by a municipality for the purpose of street illumination. Street lighting shall not include luminaires on signal poles.

Standard Specifications: Minnesota Department of Transportation Standard Specifications for Highway Construction, latest edition, and/or supplement thereto.

State Highway: A highway under jurisdiction of the State of Minnesota.

Temporary Traffic Signal: A traffic control signal system normally consisting of wood poles with signal indications suspended on span wires and overhead electrical systems.

Under 5,000: A city under 5,000 population or township.

Contract Items: All line item costs in a project bid proposal.

Construction Items: All line item costs in a project bid proposal except mobilization, traffic control, field office, and erosion control measures.

Serviceable Condition: The facility has a useful life estimated to be similar to project proposal.

Non-Programmed Projects: Any project not identified in the Washington County Capital Improvement Program.

Approved System: A bike path system which has been adopted by a local unit or Washington County.

Roadways

The county's participation in roadway projects is shown on the next page.

COST PARTICIPATION POLICY FOR COUNTY HIGHWAY PROJECTS

Items	County Share	City > 5000 Share	City < 5000 or Township Share
Grading (Roadbed)	100	0	0
Base & Surfacing of Roadway	100	0	0
Storm Sewer & Stormwater Management ¹	% Eligible State Aid	Remaining	Remaining
Concrete Curb & Gutter	50-100	50	0
Curb & Gutter for Median Construction	100	0	0
Concrete Median ²	100	0	0
Multi-use Path and/or Sidewalk ³	50	50	50
Multi-use Path and/or Sidewalk Replacement	100	0	0
Mobilization	% of Const. Cost	% of Const. Cost	% of Const. Cost
Construction Traffic Control	% of Const. Cost	% of Const. Cost	% of Const. Cost
Right of Way ⁴	100-0	0-100	0-100
Sound/Noise Barrier	0	100	100
Retaining Wall to Minimize Impacts	50	50	50
Retaining Wall in Lieu of ROW Acquisition ⁵	0	100	100
Bridge	By Negotiation		
Roundabout	By Leg	By Leg	By Leg
Traffic Signal Systems	By Leg or 100%	By Leg	0
Intersection Lighting	By Leg	By Leg	By Leg
Traffic Control Signs & Devices	100	0	0
Erosion Control	% of Const. Cost	% of Const. Cost	% of Const. Cost
State Aid Eligible Landscaping, Amenities & Aesthetics ⁶	Match up to 3% of construction cost	Remainder of Costs	Remainder of Costs
Engineering Services	% of Const. Cost	% of Const. Cost	% of Const. Cost
Construction/Adjustment of Municipal Utilities	0	100	100

- Includes storm sewer and storm water treatment construction. Land acquisition for storm water treatment shall be considered right-of-way. In the event no state aid is being used, or in the event the state aid letter does not determine cost split percentages, drainage cost shares will be computed by the proportion of contributing flow outside the county right-of-way to the total contributing flow.
- The county pays for 100% of a standard median design, such as plain concrete or sod. If a municipality requests decorative median, such as red brick, stamped concrete or exposed aggregate, the local unit will pay the additional cost above the cost of a standard median.
- Costs associated with multi-use path and/or sidewalk construction include grading, pedestrian tunnels, pedestrian ramps and bituminous trails.
- Right-of-way costs incurred because a municipality did not acquire the width of right-of-way required in the county Comprehensive Plan at the time of the platting or redevelopment process, shall be paid by the municipality. Right-of-way purchased in addition to that needed for the road project, shall be the responsibility of the requesting agency. In locations where platting or redevelopment has not occurred, right-of-way shall be split 45% county, 55% city. Availability of other funding sources (federal, state, etc.) may change these percentages.
- In the event a municipality has not acquired the required width of right-of-way during the platting process, any retaining walls used to reduce or eliminate right of way purchases, will be the responsibility of the municipality.
- County Construction Costs. Includes, but not limited to: decorative street lighting, decorative signing, railroad quiet zones, fencing, trees, shrubs, grasses, decorative poles, banners, hanging

baskets, irrigation.

WASHINGTON

Intersection Control

The county has developed an Intersection Control Ranking System (ICRS) (Policy #8002) which analyzes traffic volumes and accident susceptibility and severity. The ICRS also determines whether the intersection meets traffic control signal warrants as established in the MMUTCD.

The ICRS utilizes these factors to develop a priority list for the installation of intersection control, including roundabout or a new traffic signal (either temporary or permanent). The county shall determine the type of control recommended for an intersection.

Traffic Signals

The construction cost of a traffic signal includes all design and construction engineering, and the total cost of the construction work including, but not limited to, interconnect, lighting, and emergency vehicle pre-emption equipment.

Traffic Signal Maintenance Costs

Maintenance for all traffic signals on county roads and county state aid highways, will be furnished by Washington County. The county will own and maintain the control equipment, electrical wiring, including conduit and bases, replace knocked down equipment, and re-lamp, clean, and paint the traffic control system. Traffic signals at intersections with trunk highways will be maintained in accordance with Minnesota Department of Transportation policies.

The participating city/township in which the traffic signal is to be located shall provide for the installation of an adequate electrical power supply to the service equipment or pole, including any necessary extension of power lines at no cost to the county. The city/township shall maintain the integral street lighting, including relamping and cleaning of luminaries. The city/township shall pay for electrical energy to operate both the signal system and the integral street lighting. If the traffic signal is located within more than one city/township, the costs shall be apportioned in accordance with the construction cost participation factor.

Flashing Beacons

The participation for flashing beacons shall be the same as traffic signals.

Roundabouts

The construction cost of a roundabout is split by approach leg and shall include all components associated with that leg of approach, including the center raised median, curb, truck apron and roadway markings.

Maintenance of Roundabouts and the responsibilities for various components shall be determined through the use of a maintenance agreement.

Utilization of Tax Increment Financing

The county's participation in a project where tax increment financing is utilized by a municipality will be as follows:

- A. **PROJECTS NOT IN THE CURRENT CAPITAL IMPROVEMENT PROGRAM (CIP)**
At the time a municipality is requested to approve the preliminary plans for a project, the municipality must identify, by resolution, whether it intends to use tax increment financing for any portion of the project cost. If the municipality elects to use tax increment financing from any Economic Development District for any portion of the project cost, municipal participation could be 100% of the total engineering and construction cost and 100% of the right-of-way cost for any portion of the project within that municipality. The County Board of Commissioners will review and approve county participation, if any.
- B. **PROJECTS IN THE CURRENT CIP**
Participation will be as set forth in this policy.

Jurisdictional Transfer (Turnbacks)

Washington County identifies candidates for jurisdictional transfer in the County Comprehensive Plan.

The county does consider that it has an obligation to insure that a turnback does not constitute an immediate maintenance problem for the local government.

Therefore, turnback roads should be in a condition so as to require only normal maintenance work for a five (5) year period following turnback.

The philosophies are reflected in the following turnback policy:

- A. Bituminous pavements shall be in generally good condition. If they have not been overlaid within the previous ten years or seal coated within the previous four years, they should be overlaid or seal coated prior to turnback.
- B. Widening, curve correction, vertical curve correction would normally not be considered as part of the county's obligation in turn backs. There may be isolated instances where turn lanes and bypass lanes would be considered. These would have to be justified by recent major changes in traffic generation or high accident history.
- C. It shall be possible for the local government to receive funds from the county in lieu

of any work the county would do to put the road in turnback condition. These funds would reflect the estimated cost of the county work.

- D. The county, in taking over an existing local road, would essentially take it over in its current condition, except that:
 - a. If gravel, it should be well graveled.
 - b. If paved, all holes should be patched.
 - c. Isolated drainage problems should be corrected.
 - d. Right-of-way must be provided for future county improvements to the roadway.
- E. In regard to bridges or major drainage structures, the obligation should be the same for county and local governments. Prior to turnback, the present "owner" should insure that the structures are in a good state of repair. This would include such things as a sound pavement, tight bolts, railings sound and reasonably painted, and erosion correction. It would not mean strengthening an under-designed structure for current loads or enlarging for inadequate hydraulic capacity.

Variances

Any variance from this policy must be approved by the Washington County Board of Commissioners.

Source

County Board Motion, September 5, 1995
County Board Motion, March 9, 1999
Policy #1901 renumbered to #8001