

**JOINT POWERS AGREEMENT
FOR THE RECONSTRUCTION OF COUNTY STATE AID HIGHWAY 11
FOLEY BLVD OVER BNSF RAILWAY
IN THE CITY OF COON RAPIDS, MN
(SP 002-611-036, SAP 114-020-055, CP 18-27)**

THIS AGREEMENT is made and entered into this _____ day of _____, 2020 by and between the County of Anoka, a political subdivision of the State of Minnesota, 2100 Third Avenue, Anoka, Minnesota 55303, hereinafter referred to as "County", and the City of Coon Rapids, 11155 Robinson Drive, Coon Rapids, MN 55433, hereinafter referred to as "City".

WITNESSETH

WHEREAS, the parties to this agreement agree it is in the best interest of the traveling public to construct a grade separation project on County State Aid Highway 11 (Foley Blvd) from CSAH 1 (East River Rd) to CR 3 (Coon Rapids Blvd) and,

WHEREAS, said parties mutually agree that the intersection of CSAH 11 and BNSF Railway is in need of grade separation; and,

WHEREAS, the County has prepared design plans for the grade separation project on CSAH 11 (Foley Blvd) at the BNSF Railway crossing north of CSAH 1 (East River Rd) in accordance with Anoka County and the Minnesota Department of Transportation standards to a staff approved layout condition; and,

WHEREAS, Anoka County has jurisdiction over County State Aid Highway 11; and,

WHEREAS, the parties agree that it is in their best interest that the cost of said project be shared; and,

WHEREAS, Minn. Stat. § 471.59 authorizes political subdivisions of the state to enter into joint powers agreements for the joint exercise of powers common to each.

NOW, THEREFORE, IT IS MUTUALLY STIPULATED AND AGREED:

I. PURPOSE

The parties have joined together for the purpose of reconstructing the roadway, drainage, trail, pedestrian overpass, bridge and traffic control systems as well as other utilities on CSAH 11 (Foley Blvd) at the BNSF Railway crossing north of CSAH 1 (East River Rd); as described in the design plans. The County project number for the reconstruction is SP 002-611-036 and the City project number is SAP114-020-055/CP 18-27. Said engineering plans are filed in the office of the Anoka County Highway Department and incorporated herein by reference.

The parties to this Joint Powers Agreement (JPA) agree in principle that construction of County State Aid Project No. 002-611-036, a grade separation project on CSAH 11 (Foley Blvd) at the BNSF Railway crossing is in the best interest of the traveling public and that the Preliminary Layout as shown in Exhibit "A" defines the preliminary design of the Project.

It is agreed that the Exhibit "A" Layout dated May 28th, 2020 has been reviewed and accepted by the parties and is suitable for preparation of final construction documents. Any significant changes made hereafter to the design as presented in the Exhibit "A" Layout will require approval by the parties as an amendment to this JPA. These same changes will require a change in the cost share to include any additional design engineering costs that may occur.

II. METHOD

The County shall cause the construction of Anoka County Project SP 002-611-036, City project numbers CP 18-27 and SAP 114-020-055.

IMPROVEMENTS:

It is agreed by the parties that beginning in 2021, CSAH 11 will be constructed into a grade separated four-lane section with concrete median to the extent shown in "Exhibit A".

INTERSECTIONS:

As agreed by the parties, improvements to the following intersections have been incorporated in the Exhibit "A" Layout design:

CSAH 11 / CSAH 1: Full Access Signal
CSAH 11 / Norway Street Ave: Full Access Signal
CSAH 11 / 95th Ln: Right-In Only
CSAH 11 / 96th Ave: Right-In Right-Out
CSAH 11 / CR 3: Full Access Signal (Revision)

RIGHT OF WAY:

The parties agree that the County will acquire all necessary right-of-way and easements for the Project not including the needed right-of-way for Norway Street from parcels #63, 64, 64TE-2, and 64PE of right-of-way plat # 100. Acquisition of any additional right-of-way and/or easements needed for improvements to the City street intersections, beyond what is defined as needed in Exhibit "A" (excluding backage road) Layout will be the responsibility of the City and all costs for this acquisition will be paid for by the City including appraisals and relocation services if needed. It is agreed by the parties that all necessary right of way and easements will be in legal possession of the County prior to acceptance of bids for the project. Any City owned property or easements required for the construction will be conveyed to the County at no cost, with the exception of the ponding on parcel #39PE, which will include a future right-in right-out access onto Coon Rapids Blvd.

TRAFFIC SIGNALS:

The parties agree that two new traffic control signal systems will be constructed with this project. One at CSAH 11/CSAH 1 and one at CSAH 11/ Norway Street. The parties agree that the traffic control signal system at CSAH 11/CR 3 will be revised as part of this project. The County and City have agreed that the traffic signals shall be split differently than the standard cost share, and splits are shown below:

CSAH 11 @ CSAH 1 – 0% City; 100% County with the City paying 100% of EVP construction costs.

CSAH 11 @ Norway Street – 100% City, 0% County with the City paying 100% of EVP construction costs.

CSAH 11 @ CR 3 – 0% to the City; 100% to the County with the City paying 100% of EVP construction costs.

Following construction, the County will be 100% responsible for all ongoing traffic signal maintenance for the signals at CSAH 11 and CSAH 1 and for CSAH 11 and CR 3. The City will reimburse the County 100% of all ongoing EVP maintenance, and be 100% responsible for all luminaire maintenance and the ongoing supply of electrical power for the three traffic signal systems associated with this JPA.

The City and County have agreed to split the ongoing maintenance of the traffic signal at CSAH 11 and Norway Street at a rate of 50% City and 50% County until such time that the signal meets warrants, and then maintenance will be the County's responsibility. Additionally, the City will reimburse the County 100% of all ongoing EVP maintenance costs and be 100% responsible for all luminaire maintenance and the ongoing supply of electrical power for the three traffic signal systems associated with this JPA.

DRAINAGE:

The City shall pay for a percentage of the cost of the storm sewer system, including the detention basins and their outlet structures. The City portion of the cost is based on contributing flow through the storm sewer system to the detention basin determined by the product of contributing area and runoff coefficient.

SIDEWALK:

The parties agree that the construction of the sidewalk along the both sides of the roadway is eligible for federal funds and that the City will be responsible for the local match in areas where no sidewalk exists and the County will be responsible for the local match where a sidewalk currently exists. The sidewalk locations have been agreed to by the City. If the locations change in the future, the additional costs associated with this change will be the responsibility of the City.

The parties understand that the cost for the sidewalk includes concrete surfacing, aggregate base, excavation (including muck excavation), borrow material (granular and topsoil), and turf establishment. The parties agree that the County also pays for the design of the sidewalk, the additional right of way and easements required to construct the sidewalk at the proper location, and any removal items required to construct the sidewalk.

TRAFFIC CONTROL:

The parties understand and agree that portions of CSAH 11 may be closed to thru traffic during construction, access for local traffic will be maintained during construction. The parties agree and understand the cost share for traffic control for the City shall be a prorated share based on the City project cost divided by the total project cost.

DRIVEWAYS:

The parties agree that all driveways affected (excluding those identified for removal) by the Project will be reconstructed in kind at 100% project cost with the cost of any upgrades requested by the City, including concrete aprons, to be the sole responsibility of the City.

LANDSCAPING/STREETSCAPING:

The parties agree that if the City wishes to include landscaping or streetscape features in the project, they shall be designed in accordance with Anoka County Highway Department Landscape/Streetscape Guidelines. The City shall supply the signed plans, specifications, and estimated quantities (using MnDOT Item Numbers) and cost for the proposed landscape/streetscape. The total cost of the design as well as the construction cost above standard median cost will be at the expense of the requesting City. All construction documents must be submitted to the County by October 31st, 2020. Future maintenance of any landscaping/streetscaping will be the sole responsibility of the City.

RETAINING WALLS

The parties agree that if the City wishes to include aesthetic treatment to any retaining walls any construction cost above standard cost will be at the expense of the requesting City.

UTILITIES:

The parties agree that the Exhibit "A" Layout does not include specific proposed utility locations, as those will be determined as the design process evolves. The utility design for this project is included in the construction documents prepared by TKDA and dated 8-7-2020. The City and County will continue to work in good faith through final revisions to these plans prior to project letting. Any utility features requested by the City outside of the current scope of the project will be the responsibility of the City to design which will then be incorporated into the project bid documents. The cost of the design of these additional features shall be the responsibility of the City and so shall be the cost for any relocations.

The City's design of any additional utility features are to include signed plans, specifications, and estimated quantities (using MnDOT Item Numbers) and costs. All construction documents must be submitted to the County by November 15th, 2020.

PERMITS:

The parties agree that the County will secure all necessary permits for this Project. The City agrees to coordinate with the County in securing the permits required by the Coon Creek Watershed District, City permits, as well as any other permits that may be required. The County also requests that the City inform the County of any ordinances or City regulations that affect construction at the time of the signing of this JPA (e.g. setbacks, tree clearing ordinances, or any other City ordinances). The County will share any special design features required by the Coon Creek Watershed District to allow for input on those required features as they may impact future maintenance costs for the City.

III. COSTS

The contract costs of the work, or if the work is not contracted, the cost of all labor, materials, normal engineering costs and equipment rental required to complete the work, shall constitute the "actual construction costs" and shall be so referred to herein. "Estimated construction costs" are good faith projections of the costs, which will be incurred for this project. Actual costs will vary and those will be the costs for which the relevant parties will be responsible.

The estimated construction cost of the total project is \$23,110,000.00.

Federal funds available for the Project are capped at \$10,304,296.00. The federal funds shall be split based on the ratio of eligible cost incurred by each party to the total eligible project cost. Eligible costs are the costs of items that can participate in federal funding as shown on Exhibit B. It should be noted that the cost of the construction of Norway Street and the right-turn lane on CR 3 is to be split between the City and the County. The City will acquire the needed right-of-way from parcels 63, 64, 64TE-2, and 64PE from recorded right of way plat #100.

The total estimated construction cost to the City is \$2,888,600 (prior to application of federal funds available). After federal funding percentage is applied, the cost to the City for their share of the construction items of the Project is \$1,732,029 (\$2,888,600, minus \$1,156,571, the federal funds available to the City).

The City participation in construction engineering will be at a rate of eight percent (8%) of their designated construction share of \$2,888,600. The estimated cost to the City for construction engineering is \$231,088. In summary, the total City share of this project is \$3,119,688 (includes construction and construction engineering costs). The total cost to the City after federal funds have been applied including construction engineering is *** \$1,963,117 (see summary below)**.

***(\$2,888,600 – \$1,156,571 + \$231,088 = \$1,963,117, note: construction engineering costs are not federally eligible)**

Upon award of the contract, the City shall pay to the County, upon written demand by the County, ninety five percent (95%) of its portion of the cost of the project estimated at \$1,864,961. Prior to billing, this estimate will be updated by the County to reflect the actual bid prices as awarded. An updated cost estimate shall be provided to the City at the time of billing. The City's share of the cost of the project shall include only construction and construction engineering expense and does not include engineering design and administrative expenses incurred by the County.

After final completion of the project and no sooner than October 1st, 2021, the City's share of the construction cost will be based upon actual construction costs. If necessary, adjustments to the initial ninety five percent (95%) charged will be made in the form of credit or additional charges to the City's share. Also, the remaining five percent (5%) of the City's portion of the construction costs shall be paid.

The County agrees to submit to the City for review final quantities and cost within one year of project substantial completion. Any change orders significantly impacting the City cost share will be discussed with the Public Works Director or their staff, so they are aware of the cost implications. The County reserves the right to move forward on change orders without City consent to complete the project but will in good faith work with the City to inform them timely of needed change orders and allow for input.

IV. TERM / TERMINATION

This Agreement shall become effective immediately upon execution and will remain in effect until the Project and all restoration activities are completed, *with exception* of the ownership and maintenance provisions within this Agreement which shall continue indefinitely.

V. DISBURSEMENT OF FUNDS

All funds disbursed by the County or City pursuant to this Agreement shall be disbursed by each entity pursuant to the method provided by law.

VI. CONTRACTS AND PURCHASES

All contracts let and purchases made pursuant to this Agreement shall be made by the County in conformance to the State laws.

VII. STRICT ACCOUNTABILITY

A strict accounting shall be made of all funds and report of all receipts and shall be made upon request by either party. Prior to City payment to the County, Anoka County shall provide the City a copy of all cost participation documents submitted to MnDOT State Aid to assist the City in their application for MSA funding.

VIII. SIGNALIZATION POWER

The City shall at their sole expense, install and cause the installation of an adequate electrical power source to the service cabinet for all the previously mentioned CSAH 11 traffic control signal systems including any necessary extension of power lines. The City shall be the lead agency in this matter. Upon completion of said traffic control signal installations, the ongoing cost of the electrical power to the signals shall be the sole cost and expense of the City.

IX. MAINTENANCE

- A. Maintenance of the completed watermain, sanitary sewer, storm sewer (except catch basins, catch basin leads, and sump structures within the county roadway, (i.e. within the curb lines), and detention basins (including ponds and their outlet structures, and grit chambers/collectors outside the roadway) shall be the sole obligation of the City. Maintenance of all storm sewer for Norway Street shall be the sole obligation of the City.
- B. Maintenance of the sidewalk and trail along CSAH 11 shall be the responsibility of the City. The City shall be responsible for general routine maintenance, such as sweeping, clearing, plowing, trash removal and other incidental items. Additionally, the City shall be responsible for long-term maintenance, such as crack sealing and replacement of the trail.
- C. Maintenance of crosswalk pavement markings shall be the responsibility of the City and the County. The County will be responsible for the maintenance of the crosswalk pavement marking for the crossings at the signalized intersections. The City will be responsible for all crosswalk pavement markings for any trail/sidewalk crossings at all City streets.
- D. Maintenance of streetlights and cost of electrical power to the streetlights shall be the sole obligation of the City. The City will be responsible for long-term maintenance and replacement of the complete street light system including items such as: poles, fixtures, luminaires, and control cabinets.
- E. Maintenance of the completed traffic control signal and signal equipment at the intersection of CSAH 11/Norway Street shall be split at a rate of 50% City and 50% County until such time that the signal meets warrants, and then maintenance obligations will follow County signal maintenance practices. The signals at and CSAH 11/CSAH 1 and CSAH 11/CSAH 3 shall be the sole obligation of the County consistent with County signal maintenance practices.

- F. The County shall maintain the said traffic signal controllers, traffic signal and pedestrian indications, loop detectors and associated wiring of the said traffic control signals at the sole obligation of the County except as noted above in paragraph E where the City and County have agreed to split these costs at a rate of 50% City and 50% County until such time that the signal meets warrants.
- G. Timing of the completed traffic control signal shall be determined by the County.
- H. Only the County shall have access to the controller cabinets.
- I. The traffic control signals shall be the property of the County.
- J. The City shall be responsible for maintenance of the luminaries, luminaire relamping, and luminaire painting.
- K. All maintenance of the EVP System shall be completed by the County. The City shall be billed by the County on a quarterly basis for all incurred costs as well as any maintenance costs for the signal system located at CSAH 11 and Norway Street as described in paragraph E above.
- L. EVP Emitter Units may be installed on and used only by Emergency Vehicles responding to an emergency as defined in Minnesota Statutes §169.011, Subdivision 3, and §169.03. The City shall provide a list to the County Engineer, or the County's duly appointed representative, of all such vehicles with emitter units on an annual basis.
- M. Malfunctions of the EVP System shall be immediately reported to the County.
- N. All timing of said EVP System shall be determined by the County.
- O. In the event said EVP System or components are, in the opinion of the County, being misused, or the conditions set forth are violated, and such misuse or violation continues after receipt by the City, written notice thereof from the County, the County shall remove the EVP System. Upon removal of the EVP System pursuant to this paragraph, the field wiring, cabinet wiring, detector receiver, infrared detector heads and indicator lamps and all other components shall become the property of the County.

X. NOTICE

For purposes of delivery of any notices herein, the notice shall be effective if delivered to the County Administrator of Anoka County, 2100 Third Avenue, Anoka, Minnesota 55303, on behalf of the County, and to the City Manager of Coon Rapids, 11155 Robinson Drive, Coon Rapids, MN 55433, on behalf of the City.

XI. INDEMNIFICATION

The City and County mutually agree to indemnify and hold harmless each other from any claims, losses, costs, expenses or damages resulting from the acts or omissions of the respective officers, agents, or employees relating to activities conducted by either party under this Agreement.

XII. ENTIRE AGREEMENT REQUIREMENT OF A WRITING

It is understood and agreed that the entire agreement of the parties is contained herein and that this Agreement supersedes all oral agreements and all negotiations between the parties relating to the subject matter thereof, as well as any previous agreement presently in effect between the parties to the subject matter thereof. Any alterations, variations, or modifications of the provisions of this Agreement shall be valid only when they have been reduced to writing and duly signed by the parties.

XIII. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each one of which shall be deemed to be an original, but all such counterparts together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties of this Agreement have hereunto set their hands on the dates written below:

COUNTY OF ANOKA

By: _____

Rhonda Sivarajah
County Administrator

Dated: _____

CITY OF COON RAPIDS

By: _____

Jerry Koch
Mayor

Dated: 10/8/2020

By: _____


Matt Stemwedel
City Manager

Dated: 10/8/2020

RECOMMENDED FOR APPROVAL:

By: _____

Joe MacPherson, P.E.
County Engineer

Dated: _____

By: _____


Tim Himmer
Public Works Director

Dated: 10/8/20

APPROVED AS TO FORM AND EXECUTION:

By: _____

Christine Carney
Assistant County Attorney

Dated: _____

By: _____


David Brodie
City Attorney

Dated: 10/8/2020

EXHIBIT "A"

Layout

EXHIBIT "B"

Cost Distribution Spreadsheet

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION																
ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL	PARTICIPATING						NON-PARTICIPATING					
					ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS			
					ROADWAY		STORM SEWER				QUANTITY	AMOUNT	QUANTITY	AMOUNT		
QUANTITY	AMOUNT				QUANTITY	AMOUNT	QUANTITY	AMOUNT			QUANTITY	AMOUNT	QUANTITY	AMOUNT		
2011.601	AS BUILT	LUMP SUM	\$20,000.00	1	\$20,000.00	1	\$20,000.00									
2021.501	MOBILIZATION	LUMP SUM	\$700,000.00	1	\$700,000.00	0.80	\$560,000.00	0.06	\$42,000.00	0.10	\$70,000.00	0.02	\$14,000.00	0.02	\$14,000.00	
2031.502	FIELD OFFICE TYPE D-MODIFIED	EACH	\$75,000.00	1	\$75,000.00	0.80	\$60,000.00	0.06	\$4,500.00	0.10	\$7,500.00	0.02	\$1,500.00	0.02	1500	
2101.505	CLEARING	ACRE	\$6,500.00	3.8	\$24,700.00	1.8	\$11,700.00						1	\$6,500.00	1	\$6,500.00
2101.505	GRUBBING	ACRE	\$6,000.00	5	\$30,000.00	3	\$18,000.00						1	\$6,000.00	1	\$6,000.00
2101.524	CLEARING	TREE	\$250.00	41	\$10,250.00	41	\$10,250.00									
2101.524	GRUBBING	TREE	\$150.00	41	\$6,150.00	41	\$6,150.00									
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	\$4.00	3055	\$12,220.00	3055	\$12,220.00									
2104.502	REMOVE PIPE APRON	EACH	\$350.00	1	\$350.00								0.5	\$175.00	0.5	\$175.00
2104.502	REMOVE MISCELLANEOUS STRUCTURES	EACH	\$1,000.00	1	\$1,000.00	1	\$1,000.00									
2104.502	REMOVE LIGHTING UNIT	EACH	\$350.00	14	\$4,900.00	14	\$4,900.00						1	\$8,000.00		
2104.502	REMOVE CONCRETE STRUCTURE	EACH	\$8,000.00	1	\$8,000.00											
2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH	\$425.00	29	\$12,325.00	26	\$11,050.00						1.5	\$637.50	1.5	\$637.50
2104.502	REMOVE CASTING	EACH	\$300.00	13	\$3,900.00	13	\$3,900.00									
2104.502	REMOVE GATE VALVE & BOX	EACH	\$400.00	18	\$7,200.00						18	\$7,200.00				
2104.502	REMOVE HYDRANT	EACH	\$500.00	8	\$4,000.00						8	\$4,000.00				
2104.502	REMOVE MARKER	EACH	\$50.00	9	\$450.00	9	\$450.00									
2104.502	REMOVE SIGN TYPE C	EACH	\$70.00	102	\$7,140.00	102	\$7,140.00									
2104.502	REMOVE SIGN TYPE D	EACH	\$200.00	2	\$400.00	2	\$400.00									
2104.502	REMOVE SIGNAL SYSTEM	EACH	\$10,000.00	1	\$10,000.00	1	\$10,000.00									
2104.502	REMOVE LIGHT FOUNDATION	EACH	\$400.00	14	\$5,600.00	14	\$5,600.00									
2104.502	REMOVE CABINET	EACH	\$800.00	1	\$800.00	1	\$800.00									
2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$200.00	13	\$2,600.00	13	\$2,600.00									
2104.502	SALVAGE CASTING	EACH	\$320.00	2	\$640.00			2	\$640.00							
2104.502	SALVAGE BUS STOP BENCH	EACH	\$500.00	2	\$1,000.00	2	\$1,000.00									
2104.502	SALVAGE LUMINAIRE	EACH	\$350.00	10	\$3,500.00	10	\$3,500.00									
2104.502	SALVAGE SIGN TYPE C	EACH	\$100.00	3	\$300.00	3	\$300.00									
2104.502	SALVAGE SIGN TYPE SPECIAL	EACH	\$100.00	5	\$500.00								5	\$500.00		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$6.00	102	\$612.00	102	\$612.00									
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	\$2.00	8379	\$16,758.00	7245	\$14,490.00						567	\$1,134.00	567	\$1,134.00
2104.503	REMOVE WATER MAIN	LIN FT	\$15.00	2876	\$43,140.00			2876	\$43,140.00							
2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	\$15.00	1716	\$25,740.00	1632	\$24,480.00						42	\$630.00	42	\$630.00
2104.503	REMOVE CURB & GUTTER	LIN FT	\$5.00	20876	\$104,380.00	19810	\$99,050.00						533	\$2,665.00	533	\$2,665.00
2104.503	REMOVE BITUMINOUS CURB	LIN FT	\$3.50	67	\$234.50								33.5	\$117.25	33.5	\$117.25
2104.503	REMOVE CONCRETE CURB	LIN FT	\$10.00	590	\$5,900.00	590	\$5,900.00									
2104.503	REMOVE STONE RETAINING WALL	LIN FT	\$45.00	902	\$40,590.00	902	\$40,590.00									
2104.503	REMOVE CHAIN LINK FENCE	LIN FT	\$8.00	837	\$6,696.00	65	\$520.00						386	\$3,088.00	386	\$3,088.00
2104.503	REMOVE WOOD FENCE	LIN FT	\$6.00	102	\$612.00	102	\$612.00									
2104.503	REMOVE UNDERGROUND WIRE	LIN FT	\$0.80	1800	\$1,440.00	1800	\$1,440.00									
2104.503	REMOVE SANITARY SERVICE PIPE	LIN FT	\$10.00	51	\$510.00			51	\$510.00							
2104.503	REMOVE WATER SERVICE PIPE	LIN FT	\$10.00	540	\$5,400.00			540	\$5,400.00							
2104.503	REMOVE CONDUIT SYSTEM	LIN FT	\$2.00	1800	\$3,600.00	1800	\$3,600.00									

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION

ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL	PARTICIPATING						NON-PARTICIPATING				
					ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS		
					ROADWAY		STORM SEWER								
QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$12.00	656	\$7,872.00	656	\$7,872.00								
2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$9.00	1324	\$11,916.00	1324	\$11,916.00								
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	48459	\$290,754.00	46719	\$280,314.00							870	\$5,220.00
2104.518	REMOVE CONCRETE WALK	SQ FT	\$1.50	72659	\$108,988.50	72659	\$108,988.50							870	\$5,220.00
2104.601	HAUL SALVAGED MATERIAL	LUMP SUM	\$3,000.00	1	\$3,000.00									1	\$3,000.00
2104.602	REMOVE BUS STOP SHELTER	EACH	\$2,000.00	2	\$4,000.00	2	\$4,000.00								
2104.603	ABANDON PIPE SEWER	LIN FT	\$33.00	765	\$25,245.00									765	\$25,245.00
2104.603	ABANDON WATER MAIN	LIN FT	\$18.00	527	\$9,486.00									527	\$9,486.00
2105.601	DEWATERING	LUMP SUM	\$50,000.00	1	\$50,000.00	1	\$50,000.00								
2105.607	HAUL & DISPOSE OF CONTAMINATED MATERIAL	CU YD	\$30.00	200	\$6,000.00	200	\$6,000.00								
2106.507	EXCAVATION - COMMON	CU YD	\$11.00	48716	\$535,876.00	43634	\$479,974.00							2541	\$27,951.00
2106.507	EXCAVATION - MUCK	CU YD	\$15.00	2601	\$39,015.00	2601	\$39,015.00								
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$6.00	86304	\$517,824.00	81942	\$491,652.00							2181	\$13,086.00
2130.523	WATER	M GALLON	\$35.00	500	\$17,500.00	500	\$17,500.00								
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	\$36.00	13402	\$482,472.00	11624	\$418,464.00							266	\$9,576.00
														756	\$27,216.00
														756	\$27,216.00
2301.502	DOWEL BAR	EACH	\$10.00	880	\$8,800.00	880	\$8,800.00								
2301.504	CONCRETE PAVEMENT 8.0"	SQ YD	\$75.00	4126	\$309,450.00	4126	\$309,450.00								
2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT	POUND	\$3.00	1110	\$3,330.00	1110	\$3,330.00								
2301.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	\$16.00	272	\$4,352.00	272	\$4,352.00								
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$2.50	7495	\$18,737.50	6413	\$16,032.50							541	\$1,352.50
2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	\$65.00	480	\$31,200.00	129	\$8,385.00							351	\$22,815.00
2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$70.00	638	\$44,660.00	638	\$44,660.00								
2360.509	TYPE SP 12.5 WEARING COURSE MIX (4,B)	TON	\$75.00	529	\$39,675.00	529	\$39,675.00								
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (4,B)	TON	\$70.00	7963	\$557,410.00	6949	\$486,430.00							507	\$35,490.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (4,F)	TON	\$75.00	12124	\$909,300.00	10670	\$800,250.00							727	\$54,525.00
														727	\$54,525.00
2401.503	TYPE P-1 BARRIER CONCRETE (3S52)	LIN FT	\$160.00	1664	\$266,240.00	1664	\$266,240.00								
2402.503	ORNAMENTAL METAL RAILING	LIN FT	\$195.00	1498	\$292,110.00	1498	\$292,110.00								
2406.503	EXPANSION JOINTS, DESIGN E8H	LIN FT	\$100.00	182	\$18,200.00	182	\$18,200.00								
2406.504	BRIDGE APPROACH PANELS	SQ YD	\$275.00	892	\$245,300.00	892	\$245,300.00								
2411.507	STRUCTURAL CONCRETE (1G52)	CU YD	\$700.00	251	\$175,700.00	251	\$175,700.00								
2411.507	STRUCTURAL CONCRETE (3B52)	CU YD	\$1,000.00	524	\$524,000.00	524	\$524,000.00								
2411.507	STRUCTURAL CONCRETE (3G52)	CU YD	\$1,000.00	434	\$434,000.00	434	\$434,000.00								
2411.507	AGGREGATE BACKFILL (CV)	CU YD	\$40.00	37	\$1,480.00	37	\$1,480.00								
2411.508	REINFORCEMENT BARS	POUND	\$1.30	22649	\$29,443.70	22649	\$29,443.70								
2411.508	REINFORCEMENT BARS (EPOXY COATED)	POUND	\$1.50	137124	\$205,686.00	137124	\$205,686.00								
2411.601	STRUCTURE EXCAVATION	LUMP SUM	\$15,000.00	1	\$15,000.00	1	\$15,000.00								
2411.601	DRAINAGE SYSTEM	LUMP SUM	\$20,000.00	1	\$20,000.00	1	\$20,000.00								
2411.604	MECHANICALLY STABILIZED EARTH WALL	SQ YD	\$380.00	3330	\$1,265,400.00	3330	\$1,265,400.00								
2411.618	ARCH CONC TEXTURE (ASHLAR STONE)	SQ FT	\$22.00	1381	\$30,382.00	1381	\$30,382.00								
2411.618	ARCH SURFACE FINISH (SINGLE COLOR)	SQ FT	\$1.60	1381	\$2,209.60	1381	\$2,209.60								
2451.607	MEDIUM FILTER AGGREGATE (CV)	CU YD	\$40.00	395	\$15,800.00	395	\$15,800.00								
2451.607	STRUCTURAL BACKFILL	CU YD	\$34.00	40400	\$1,373,600.00	40400	\$1,373,600.00								
2452.602	GROUND IMPROVEMENT TEST	EACH	\$10,000.00	2</											

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION															
ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING						NON-PARTICIPATING			
						ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS	
				QUANTITY	AMOUNT	ROADWAY	AMOUNT	QUANTITY	AMOUNT	STORM SEWER	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2501.502	12" RC PIPE APRON	EACH	\$1,100.00	1	\$1,100.00			1	\$1,100.00						
2501.502	15" RC PIPE APRON	EACH	\$1,200.00	4	\$4,800.00			1	\$1,200.00			1.5	\$1,800.00	1.5	\$1,800.00
2501.502	18" RC PIPE APRON	EACH	\$1,300.00	5	\$6,500.00			3	\$3,900.00			1	\$1,300.00	1	\$1,300.00
2501.502	21" RC PIPE APRON	EACH	\$1,400.00	2	\$2,800.00			1	\$1,400.00			0.5	\$700.00	0.5	\$700.00
2501.502	24" RC PIPE APRON	EACH	\$1,500.00	3	\$4,500.00			1	\$1,500.00			1	\$1,500.00	1	\$1,500.00
2501.502	30" RC PIPE APRON	EACH	\$1,600.00	1	\$1,600.00			1	\$1,600.00						
2501.503	18" RC PIPE CULVERT DES 3006 CL V	LIN FT	\$70.00	126	\$8,820.00			126	\$8,820.00						
2501.503	24" RC PIPE CULVERT DES 3006 CL III	LIN FT	\$85.00	110	\$9,350.00							55	\$4,675.00	55	\$4,675.00
2502.503	8" TP PIPE DRAIN	LIN FT	\$30.00	80	\$2,400.00			80	\$2,400.00						
2502.503	8" PERF TP PIPE DRAIN	LIN FT	\$20.00	540	\$10,800.00			540	\$10,800.00						
2502.602	8" TP PIPE DRAIN CLEAN OUT	EACH	\$550.00	8	\$4,400.00			8	\$4,400.00						
2503.503	4" PVC PIPE SEWER	LIN FT	\$42.00	99	\$4,158.00						99	\$4,158.00			
2503.503	8" PVC PIPE SEWER	LIN FT	\$50.00	1682	\$84,100.00						1682	\$84,100.00			
2503.503	8" DUCTILE IRON PIPE SEWER CL 52	LIN FT	\$100.00	10	\$1,000.00						10	\$1,000.00			
2503.503	12" RC PIPE SEWER DES 3006 CL V	LIN FT	\$55.00	31	\$1,705.00			31	\$1,705.00						
2503.503	15" RC PIPE SEWER DES 3006 CL V	LIN FT	\$60.00	3370	\$202,200.00			3008	\$180,480.00			181	\$10,860.00	181	\$10,860.00
2503.503	18" RC PIPE SEWER DES 3006 CL V	LIN FT	\$65.00	782	\$50,830.00			379	\$24,635.00			201.5	\$13,097.50	201.5	\$13,097.50
2503.503	21" RC PIPE SEWER DES 3006 CL IV	LIN FT	\$75.00	599	\$44,925.00			295	\$22,125.00			152	\$11,400.00	152	\$11,400.00
2503.503	24" RC PIPE SEWER DES 3006 CL III	LIN FT	\$85.00	388	\$32,980.00			388	\$32,980.00						
2503.503	30" RC PIPE SEWER DES 3006 CL III	LIN FT	\$100.00	90	\$9,000.00			90	\$9,000.00						
2503.503	36" RC PIPE SEWER DES 3006 CL V	LIN FT	\$125.00	344	\$43,000.00			344	\$43,000.00						
2503.602	CONSTRUCT BULKHEAD	EACH	\$900.00	12	\$10,800.00						12	\$10,800.00			
2503.602	CONNECT TO EXISTING MANHOLES (SAN)	EACH	\$2,100.00	3	\$6,300.00						3	\$6,300.00			
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$800.00	34	\$27,200.00			32	\$25,600.00			1	\$800.00	1	\$800.00
2503.602	4" PIPE PLUG	EACH	\$250.00	3	\$750.00						3	\$750.00			
2503.602	8" PIPE PLUG	EACH	\$300.00	2	\$600.00						2	\$600.00			
2503.602	8"X4" PVC WYE	EACH	\$350.00	3	\$1,050.00						3	\$1,050.00			
2503.603	VIDEO TAPE PIPE SEWER	LIN FT	\$5.00	1455	\$7,275.00			1455	\$7,275.00						
2503.603	30" STEEL CASING PIPE	LIN FT	\$180.00	80	\$14,400.00			80	\$14,400.00						
2503.603	36" STEEL CASING PIPE	LIN FT	\$220.00	126	\$27,720.00			126	\$27,720.00						
2503.603	15" PIPE SEWER	LIN FT	\$45.00	306	\$13,770.00			306	\$13,770.00						
2504.602	RECONNECT WATER SERVICE	EACH	\$600.00	11	\$6,600.00						11	\$6,600.00			
2504.602	CONNECT TO EXISTING WATER MAIN	EACH	\$6,500.00	15	\$97,500.00						15	\$97,500.00			
2504.602	HYDRANT	EACH	\$6,000.00	10	\$60,000.00						10	\$60,000.00			
2504.602	ADJUST VALVE BOX	EACH	\$250.00	9	\$2,250.00						9	\$2,250.00			
2504.602	12" BUTTERFLY VALVE & BOX	EACH	\$4,500.00	8	\$36,000.00						8	\$36,000.00			
2504.602	18" BUTTERFLY VALVE & BOX	EACH	\$12,000.00	7	\$84,000.00						7	\$84,000.00			
2504.602	24" BUTTERFLY VALVE & BOX	EACH	\$20,000.00	1	\$20,000.00						1	\$20,000.00			
2504.602	6" GATE VALVE & BOX	EACH	\$1,900.00	16	\$30,400.00						16	\$30,400.00			
2504.602	8" GATE VALVE & BOX	EACH	\$2,500.00	2	\$5,000.00						2	\$5,000.00			
2504.603	1" TYPE K COPPER PIPE	LIN FT	\$32.00	222	\$7,104.00						222	\$7,104.00			
2504.603	2" TYPE K COPPER PIPE	LIN FT	\$40.00	392	\$15,680.00						392	\$15,680.00			
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$45.00	759	\$34,155.00						759	\$34,155.00			
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$70.00	334	\$23,380.00						334	\$23,380.00			

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION

ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL	PARTICIPATING						NON-PARTICIPATING				
					ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS		
					ROADWAY		STORM SEWER								
QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2504.603	10" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$75.00	82	\$6,150.00					82	\$6,150.00				
2504.603	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$85.00	1362	\$115,770.00					1362	\$115,770.00				
2504.603	18" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$120.00	1555	\$186,600.00					1555	\$186,600.00				
2504.603	24" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$160.00	652	\$104,320.00					652	\$104,320.00				
2504.604	4" INSULATION	SQ YD	\$42.00	29	\$1,218.00					29	\$1,218.00				
2504.608	DUCTILE IRON FITTINGS	POUND	\$13.00	13687	\$177,931.00					13687	\$177,931.00				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	EACH	\$18,000.00	4	\$72,000.00			3	\$54,000.00			0.5	\$9,000.00	0.5	\$9,000.00
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	EACH	\$6,000.00	2	\$12,000.00			2	\$12,000.00						
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 3	EACH	\$6,000.00	1	\$6,000.00			1	\$6,000.00						
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 4	EACH	\$6,000.00	1	\$6,000.00							0.5	\$3,000.00	0.5	\$3,000.00
2506.502	CASTING ASSEMBLY	EACH	\$800.00	128	\$102,400.00			112	\$89,600.00			8	\$6,400.00	8	\$6,400.00
2506.502	INSTALL CASTING	EACH	\$700.00	7	\$4,900.00			7	\$4,900.00						
2506.502	ADJUST FRAME & RING CASTING	EACH	\$700.00	33	\$23,100.00			21	\$14,700.00	12	\$8,400.00				
2506.503	CONST DRAINAGE STRUCTURE DESIGN H	LIN FT	\$480.00	70.7	\$33,936.00			67.3	\$32,304.00			1.7	\$816.00	1.7	\$816.00
2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$700.00	104.5	\$73,150.00			69.4	\$48,580.00			17.55	\$12,285.00	17.55	\$12,285.00
2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	\$900.00	8	\$7,200.00							4	\$3,600.00	4	\$3,600.00
2506.503	CONST DRAINAGE STRUCTURE DESIGN PC-48"	LIN FT	\$700.00	161.8	\$113,260.00					161.8	\$113,260.00				
2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	\$500.00	241.9	\$120,950.00			228.6	\$114,300.00			6.65	\$3,325.00	6.65	\$3,325.00
2506.503	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	\$700.00	48.8	\$34,160.00			48.8	\$34,160.00						
2506.503	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	\$1,100.00	22	\$24,200.00			17.3	\$19,030.00			2.35	\$2,585.00	2.35	\$2,585.00
2506.503	CONST DRAINAGE STRUCTURE DES 96-4020	LIN FT	\$1,700.00	12.6	\$21,420.00			12.6	\$21,420.00						
2506.503	CONST DRAINAGE STRUCTURE DES 108-4020	LIN FT	\$2,100.00	6.1	\$12,810.00			6.1	\$12,810.00						
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	\$1,050.00	38.1	\$40,005.00			26.9	\$28,245.00	11.2	\$11,760.00				
2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$1,000.00	12	\$12,000.00			12	\$12,000.00						
2506.603	CONSTRUCT 8" OUTSIDE DROP	LIN FT	\$1,000.00	3.1	\$3,100.00					3.1	\$3,100.00				
2511.504	GEOTEXTILE FILTER TYPE 3	SQ YD	\$4.00	188.4	\$753.60			94.2	\$376.80			47.1	\$188.40	47.1	\$188.40
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	\$4.00	90.2	\$360.80			46.9	\$187.60			21.65	\$86.60	21.65	\$86.60
2511.507	RANDOM RIPRAP CLASS II	CU YD	\$80.00	187.8	\$15,024.00			157.6	\$12,608.00			15.1	\$1,208.00	15.1	\$1,208.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	\$90.00	25.7	\$2,313.00			18.7	\$1,683.00			3.5	\$315.00	3.5	\$315.00
2521.518	4" CONCRETE WALK	SQ FT	\$7.00	69630	\$487,410.00	65836	\$460,852.00			3794	\$26,558.00				
2521.518	6" CONCRETE WALK	SQ FT	\$10.00	5862	\$58,620.00	5234	\$52,340.00			628	\$6,280.00				
2531.503	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	\$30.00	271	\$8,130.00	271	\$8,130.00								
2531.503	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	\$30.00	172	\$5,160.00	172	\$5,160.00								
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	\$24.00	7939	\$190,536.00	5157	\$123,768.00					1391	\$33,384.00	1391	\$33,384.00
2531.503	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT	\$34.00	5949	\$202,266.00	5949	\$202,266.00								
2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$26.00	13299	\$345,774.00	8471	\$220,246.00			4277	\$111,202.00	276	\$7,176.00	275	\$7,150.00
2531.503	CONCRETE CURB & GUTTER DESIGN D418	LIN FT	\$50.00	40	\$2,000.00	40	\$2,000.00								
2531.503	CONCRETE CURB DESIGN B4	LIN FT	\$40.00	367	\$14,680.00	367	\$14,680.00								
2531.503	CONCRETE CURB DESIGN V6	LIN FT	\$30.00	130	\$3,900.00	130	\$3,900.00								
2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$60.00	103	\$6,180.00	103	\$6,180.00								
2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$80.00	615	\$49,200.00	555	\$44,400.00					30	\$2,400.00	30	\$2,400.00
2531.618	TRUNCATED DOMES	SQ FT	\$55.00	605	\$33,275.00	605	\$33,275.00								
2533.503	PORTABLE PRECAST CONC BARRIER DES 8337	L													

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION

ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL	PARTICIPATING						NON-PARTICIPATING				
					ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS		
					ROADWAY		STORM SEWER								
QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2545.502	LIGHTING UNIT TYPE SPECIAL 1	EACH	\$5,000.00	4	\$20,000.00	1	\$5,000.00					1.5	\$7,500.00	1.5	\$7,500.00
2545.502	LIGHTING UNIT TYPE SPECIAL 2	EACH	\$3,000.00	7	\$21,000.00	7	\$21,000.00								
2545.502	LIGHTING UNIT TYPE 1X-30	EACH	\$3,000.00	3	\$9,000.00	3	\$9,000.00								
2545.502	LIGHTING UNIT TYPE 9-40	EACH	\$3,500.00	5	\$17,500.00	4	\$14,000.00					0.5	\$1,750.00	0.5	\$1,750.00
2545.502	UNDERPASS LUMINAIRES TYPE LED	EACH	\$1,500.00	6	\$9,000.00	6	\$9,000.00								
2545.502	LIGHT FOUNDATION DESIGN E	EACH	\$1,000.00	5	\$5,000.00	5	\$5,000.00								
2545.502	LIGHT FOUNDATION DESIGN SPECIAL	EACH	\$2,200.00	27	\$59,400.00	27	\$59,400.00								
2545.502	SERVICE CABINET-TYPE L1	EACH	\$10,000.00	1	\$10,000.00	1	\$10,000.00								
2545.502	SERVICE CABINET-TYPE RLF	EACH	\$10,000.00	2	\$20,000.00	2	\$20,000.00								
2545.502	HANDHOLE	EACH	\$1,500.00	2	\$3,000.00	2	\$3,000.00								
2545.503	1" RIGID STEEL CONDUIT	LIN FT	\$18.00	740	\$13,320.00	740	\$13,320.00								
2545.503	2" RIGID STEEL CONDUIT	LIN FT	\$18.00	515	\$9,270.00	515	\$9,270.00								
2545.503	1.25" NON-METALLIC CONDUIT	LIN FT	\$5.00	2000	\$10,000.00	2000	\$10,000.00								
2545.503	2" NON-METALLIC CONDUIT	LIN FT	\$5.00	260	\$1,300.00	260	\$1,300.00								
2545.503	2" NON-METALLIC COND (DIRECTIONAL BORE)	LIN FT	\$20.00	100	\$2,000.00	100	\$2,000.00								
2545.503	UNDERGROUND WIRE 1/C 2 AWG	LIN FT	\$3.50	515	\$1,802.50	515	\$1,802.50								
2545.503	DIRECT BURIED LIGHTING CABLE 1/C 8 AWG	LIN FT	\$8.00	6000	\$48,000.00	6000	\$48,000.00								
2545.503	DIRECT BURIED LIGHTING CABLE 4/C 4 AWG	LIN FT	\$8.00	3290	\$26,320.00	2607	\$20,856.00					341.5	\$2,732.00	341.5	\$2,732.00
2554.502	GUIDE POST TYPE B	EACH	\$100.00	14	\$1,400.00			7	\$700.00			3.5	\$350.00	3.5	\$350.00
2554.615	IMPACT ATTENUATOR	ASSEMBLY	\$3,200.00	14	\$44,800.00	14	\$44,800.00								
2554.615	RELOCATE IMPACT ATTENUATOR	ASSEMBLY	\$1,200.00	4	\$4,800.00	4	\$4,800.00								
2557.503	WIRE FENCE DESIGN 48-9322	LIN FT	\$45.00	54	\$2,430.00	54	\$2,430.00								
2557.503	WIRE FENCE DESIGN 48V-9322	LIN FT	\$45.00	304	\$13,680.00	304	\$13,680.00								
2557.603	WOODEN FENCE	LIN FT	\$30.00	100	\$3,000.00	100	\$3,000.00								
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	\$35,000.00	1	\$35,000.00	0.80	\$28,000.00	0.06	\$2,100.00	0.10	\$3,500.00	0.02	\$700.00	0.02	\$700.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$300,000.00	1	\$300,000.00	0.80	\$240,000.00	0.06	\$18,000.00	0.10	\$30,000.00	0.02	\$6,000.00	0.02	\$6,000.00
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	\$5,000.00	1	\$5,000.00	0.80	\$4,000.00	0.06	\$300.00	0.10	\$500.00	0.02	\$100.00	0.02	\$100.00
2563.602	PORTABLE CONCRETE BARRIER DELINEATOR	EACH	\$10.00	248	\$2,480.00	248	\$2,480.00								
2563.602	SURFACE MOUNTED DELINEATOR	EACH	\$35.00	195	\$6,825.00	195	\$6,825.00								
2564.502	INSTALL SIGN TYPE C	EACH	\$250.00	3	\$750.00	3	\$750.00								
2564.502	INFILTRATION AREA MARKER X3-6A	EACH	\$110.00	4	\$440.00	4	\$440.00								
2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	901	\$54,060.00	844	\$50,640.00					28.5	\$1,710.00	28.5	\$1,710.00
2564.518	SIGN PANELS TYPE D	SQ FT	\$60.00	39	\$2,340.00	39	\$2,340.00								
2564.518	SIGN PANELS TYPE SPECIAL	SQ FT	\$55.00	30	\$1,650.00	30	\$1,650.00								
2564.602	DELINERATOR / MARKER SIGN	EACH	\$100.00	14	\$1,400.00	14	\$1,400.00								
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM A	LUMP SUM	\$10,000.00	1	\$10,000.00					1	\$10,000.00				
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM B	LUMP SUM	\$10,000.00	1	\$10,000.00					1	\$10,000.00				
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM C	LUMP SUM	\$10,000.00	1	\$10,000.00					1	\$10,000.00				
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	\$30,000.00	1	\$30,000.00	1	\$30,000.00								
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	\$250,000.00	1	\$250,000.00	1	\$250,000.00								
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	\$250,000.00	1	\$250,000.00			1	\$250,000.00						
2565.616	REVISE SIGNAL SYSTEM C	SYSTEM	\$250,000.00	1	\$250,000.00	1	\$250,000.00								
2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	\$60,000.00	1	\$60,000.00	0.80	\$48,000.00	0.06	\$3,600.00	0.10	\$6,000.00	0.02	\$1,200.00	0.02	\$1,200.00
2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	\$60,000.00	1	\$60,000.00	0.80	\$48,000.00	0.06	\$3,600.00	0.10	\$6,000.00	0.02	\$1,200.00	0.02	\$1,200.00
2565.616	TEMPORARY SIGNAL SYSTEM C</														

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 RECONSTRUCTION

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS - CSAH 11 BRIDGE															
ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING						NON-PARTICIPATING			
						ANOKA COUNTY S.P. 002-611-036		ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055		CITY OF COON RAPIDS S.P. 114-020-055		ANOKA COUNTY LOCAL FUNDS		CITY OF COON RAPIDS LOCAL FUNDS	
				QUANTITY	AMOUNT		AMOUNT	QUANTITY	AMOUNT			QUANTITY	AMOUNT	QUANTITY	AMOUNT
2401.5	TYPE P-1 BARRIER CONCRETE (3S52)	LIN FT	\$95.00	626	\$59,470.00	626	\$59,470.00								
2401.51	STRUCTURAL CONCRETE (1G52)	CU YD	\$500.00	733	\$366,500.00	733	\$366,500.00								
2401.51	STRUCTURAL CONCRETE (3B52)	CU YD	\$690.00	1557	\$1,074,330.00	1557	\$1,074,330.00								
2401.51	REINFORCEMENT BARS	POUND	\$1.25	78930	\$98,662.50	78930	\$98,662.50								
2401.51	REINFORCEMENT BARS (EPOXY COATED)	POUND	\$1.45	492530	\$714,168.50	492530	\$714,168.50								
2401.51	REINFORCEMENT BARS (STAINLESS-75 KSI)	POUND	\$4.50	250	\$1,125.00	250	\$1,125.00								
2401.52	SIDEWALK CONCRETE (3S52)	SQ FT	\$16.00	6150	\$98,400.00	6150	\$98,400.00								
2401.52	RAISED MEDIAN CONCRETE (3S52)	SQ FT	\$21.00	1251	\$26,271.00	1251	\$26,271.00								
2401.6	STRUCTURE EXCAVATION	LUMP SUM	\$75,000.00	1	\$75,000.00	1	\$75,000.00								
2401.62	BRIDGE SLAB CONCRETE (3YHPC-M)	SQ FT	\$32.00	20269	\$648,608.00	20269	\$648,608.00								
2401.62	BRIDGE DECK PLANING	SQ FT	\$1.55	20011	\$31,017.05	20011	\$31,017.05								
2402.5	ORNAMENTAL METAL RAILING	LIN FT	\$200.00	626	\$125,200.00	626	\$125,200.00								
2402.6	BEARING ASSEMBLY	EACH	\$1,500.00	72	\$108,000.00	72	\$108,000.00								
2405.5	PRESTRESSED CONCRETE BEAMS 35MH	LIN FT	\$315.00	3996	\$1,258,740.00	3996	\$1,258,740.00								
2411.62	ARCH SURFACE FINISH (SINGLE COLOR)	SQ FT	\$1.60	4844	\$7,750.40	4844	\$7,750.40								
2411.62	ARCH CONC TEXTURE (ASHLAR STONE)	SQ FT	\$22.00	4844	\$106,568.00	4844	\$106,568.00								
2452.5	C-I-P CONC TEST PILE 75 FT LONG 12"	EACH	\$7,000.00	3	\$21,000.00	3	\$21,000.00								
2453.5	C-I-P CONC TEST PILE 80 FT LONG 12"	EACH	\$7,000.00	3	\$21,000.00	3	\$21,000.00								
2454.5	C-I-P CONC TEST PILE 90 FT LONG 12"	EACH	\$7,000.00	3	\$21,000.00	3	\$21,000.00								
2452.6	C-I-P CONCRETE PILING 12"	LIN FT	\$45.00	13875	\$624,375.00	13875	\$624,375.00								
2502.5	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	\$3,250.00	1	\$3,250.00	1	\$3,250.00								
2545.5	CONDUIT SYSTEM (FUTURE)	LUMP SUM	\$10,500.00	1	\$10,500.00	1	\$10,500.00								
2545.5	CONDUIT SYSTEM (UNDER BRIDGE LIGHTING)	LUMP SUM	\$10,500.00	1	\$10,500.00	1	\$10,500.00								
Bridge Subtotal										\$5,511,435					

SP 002-611-036 - CSAH 11 (Foley Blvd Reconstruction) - FUNDING SPLITS						
	PROJECT TOTAL	PARTICIPATING			NON-PARTICIPATING	
		ANOKA COUNTY S.P. 002-611-036	ANOKA CO. S.P. 002-611-036 COON RAPIDS S.P. 114-020-055 NORWAY STREET	CITY OF COON RAPIDS S.P. 114-020-055	ANOKA COUNTY LOCAL FUNDS	CITY OF COON RAPIDS LOCAL FUNDS
TOTAL	\$23,110,000	\$19,070,000	\$1,330,000	\$1,950,000	\$380,000	\$380,000
80% FED FUNDS (STP) CAP (S.P. 002-611-036) Fund Funds Available = \$10,304,296	\$10,304,296	\$8,792,077	\$613,186	\$899,033		
COUNTY CSAH TOTAL	\$10,657,923	\$10,277,923			\$380,000	
COUNTY CSAH STORM SEWER TOTAL	\$415,752		\$415,752			
CITY LOCAL TOTAL (S.P. xxx-xxx-xxx)	\$1,732,029		\$301,062	\$1,050,967		\$380,000

002-611-036 - 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	\$21,780,000.00	\$19,450,000.00	\$8,792,077.00	\$10,277,923.00	\$380,000.00	\$2,330,000.00	\$899,033.00	\$1,050,967.00	\$380,000.00
DRAINAGE (County 58%, Coon Rapids 42%)	\$1,330,000.00	\$771,400.00	\$355,647.88	\$415,752.12		\$558,600.00	\$257,538.12	\$301,061.88	
CONSTRUCTION TOTAL (EXCLUDING OJT)	\$23,110,000.00	\$20,221,400.00	\$9,147,724.88	\$10,693,675.12	\$380,000.00	\$2,888,600.00	\$1,156,571.12	\$1,352,028.88	\$380,000.00
8% CONSTRUCTION ENGINEERING	\$1,848,800.00	\$1,617,712.00		\$1,587,312.00	\$30,400.00	\$231,088.00		\$200,688.00	\$30,400.00
PROJECT TOTAL (EXCLUDING OJT)	\$24,958,800.00	\$21,839,112.00	\$9,147,724.88	\$12,280,987.12	\$410,400.00	\$3,119,688.00	\$1,156,571.12	\$1,552,716.88	\$410,400.00
OJT									
PROJECT TOTAL (INCLUDING OJT)	\$24,958,800.00	\$21,839,112.00	\$9,147,724.88	\$12,280,987.12	\$410,400.00	\$3,119,688.00	\$1,156,571.12	\$1,552,716.88	\$410,400.00

EXHIBIT "C"

FOR PROJECTS CONSTRUCTED IN ANOKA COUNTY

ITEMS	COUNTY SHARE	CITY SHARE
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 those right-of-ways 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.