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9
02-609-12
AGMRS
JPA

Anoka County Contract No. 2004-0500

**JOINT POWERS AGREEMENT
FOR THE RECONSTRUCTION OF
COUNTY STATE AID HIGHWAY 9 (ROUND LAKE BOULEVARD) FROM
COUNTY STATE AID HIGHWAY 116 (BUNKER LAKE BOULEVARD) TO
152nd LANE NW IN THE CITY OF ANDOVER, MINNESOTA
(S.A.P. 02-609-12)**

This Agreement is made and entered into this 15th day of January, 2004, by and between the County of Anoka, a political subdivision of the State of Minnesota, 2100 Third Avenue North, Anoka, Minnesota, 55303, hereinafter referred to as "County", and the City of Andover, 1685 Crosstown Boulevard NW, Andover, Minnesota 55304, hereinafter referred to as the "City".

WITNESSETH

WHEREAS, the parties of this agreement agree it is in the best interest of the traveling public to reconstruct Round Lake Boulevard (aka County State Aid Highway No. 9) from its intersection with Bunker Lake Boulevard to its intersection with 152nd Lane Northwest and to improve the drainage along Round Lake Boulevard; and,

WHEREAS, said parties are mutually agreed that the reconstruction of Round Lake Boulevard and construction of a storm sewer system should be done as soon as possible; and,

WHEREAS, the parties to this agreement consider it mutually desirable to provide permanent traffic control signals at the intersections of Round Lake Boulevard, 140th Lane NW and 143rd Avenue NW, and modify the existing traffic control signal at the intersection of 138th Lane NW for the safety of the traveling public; and,

WHEREAS, the parties to this agreement consider it mutually desirable to construct conduit and hand holes at the intersection of Round Lake Boulevard, South Coon Creek Drive and future Andover Boulevard for possible future signalization; and,

WHEREAS, the parties agree that the County shall cause the reconstruction of Round Lake Boulevard; and,

WHEREAS, the Anoka County Highway Department has prepared plans and specifications for Project No. S.A.P. 02-609-12, which plans and specifications are dated August 15, 2003, and which are on file in the office of the County Engineer; and,

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

WHEREAS, together with the sharing of the cost of construction for the traffic signals,

storm sewer, and roadway, the City will incorporate miscellaneous utility work to be covered by this agreement; 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, sidewalk, traffic control systems, as well as other utilities on a portion of Round Lake Boulevard as described in the plans and specifications numbered S.A.P. 02-609-12 on file in the office of the Anoka County Highway Department and incorporated herein by reference.

II. METHOD

The County shall provide all engineering services and shall cause the construction of Anoka County Project No. S.A.P. 02-609-12 in conformance with said plans and specifications. The County shall do the calling for all bids and the acceptance of all bid proposals.

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 costs" are good faith projections of the costs, which will be incurred for this project. Actual costs may vary and those will be the costs for which the relevant parties will be responsible. The estimated construction cost of the total project (including County furnished materials) is \$3,998,436.99. Participation in the construction cost is as follows:

1. The City shall provide construction observation for the relocation and reconstruction of their utilities and approve for acceptance the work as it is completed.

- 1a. The City shall be responsible for any deficiencies associated with the relocation and reconstruction of the utilities that arise after the specified warranty period.

- 1b. Any deficiencies or failure of new utilities caused by the contractor as a result of inferior workmanship or defective materials failing to meet the required specification as stipulated by the contract shall be corrected by the contractor.

1c. Damage to existing utilities, which may arise from or in connection with performance of the work by the contractor, their agents, representatives, employees or subcontractors shall be addressed by Special Provisions (1714) Responsibility For Damage Claims.

2. The City shall pay One Hundred Percent (100%) of the hydrant and curb box relocation and gate box adjustment as well as water and sewer relocation and construction. The estimated City cost of these items is \$267,325.20.

3. The City shall designate, furnish, and deliver to the construction site replacement hydrants for any hydrants being relocated and/or replaced as a part of this project.

4. The City shall pay for the non-participating and non-eligible portion of the storm sewer construction plus a percentage of the eligible portion of storm sewer construction. The estimated cost of the non-participating storm sewer is \$0.00 of which the estimated cost to the City is \$0.00 (100%). The non-eligible and eligible portions are defined in the State Hydraulics letter. The cost of the eligible portion will be split between the City, in cities greater than 5,000 population, and County based on the ratio of contributing flow determined by the product of contributing area and runoff coefficient. The estimated percentage of contributing flow from the City is Sixteen Percent (16%). The total eligible estimated cost of the storm sewer is \$486,817.00 of which the estimated cost to the City is \$77,890.72. The total non-eligible estimated cost of the storm sewer is \$0.00 of which the estimated cost to the City is \$0.00(100%). The total cost of the storm sewer construction is estimated at \$486,817.00 of which the estimated cost to the City is \$77,890.72.

5. The City shall pay for Sixteen Percent (16%) of the cost of detention basins (including ponds and their outlet structures and grit chambers/collectors including the "Vortechs Stormwater Treatment System"). The City portion of the cost is based on contributing flow to the detention basin determined by the product of contributing area and runoff coefficient. The total estimated cost of the detention basins is \$111,918.10 of which the estimated cost to the City is \$17,906.90

6. The City shall pay One Hundred Percent (100%) of the construction of the widening/improvements to 140th Lane NW, 143rd Avenue NW, South Coon Creek Drive, and 149th Avenue NW. The City's estimated cost for grading, base and bituminous for these improvements is \$43,030.10.

7. The City shall pay Fifty Percent (50%) of the cost of concrete curb and gutter (less median curb and gutter). The estimated total cost of curb and gutter including medians is \$267,374.00, of which the City's estimated share is \$64,546.60.

8. The City shall pay One Hundred Percent (100%) the cost of decorative median above the cost of concrete median. The City's estimated cost for decorative median is \$0.00

9. The City shall pay One Hundred Percent (100%) of the cost of median plantings. This cost shall include design by a landscape architect, installation of plantings, design/installation of an underground watering system and median widening costs needed to meet the Anoka County Highway Department Landscape/Streetscape Guidelines. The City's estimated cost for median plantings is \$0.00

10. The City shall pay One Hundred Percent (100%) of the cost of new concrete and/or bituminous driveway pavement for all upgraded driveways. The City's estimated cost for driveway pavement is \$0.00.

11. The County shall pay One Hundred Percent (100%) of any in-place driveway pavement disrupted by the construction.

12. The City shall pay for One Hundred Percent (100%) of the cost of new sidewalk installed on the project. The estimated cost to the City is \$41,477.10.

13. The County shall pay One Hundred Percent (100%) of any in-place concrete walk.

14. The City shall pay One Hundred Percent (100%) of the cost of new bituminous trails. The City's estimated cost for the trail is \$63,945.00.

15. The City shall pay One Hundred Percent (100%) of the cost of any street lighting included in the project. The design and installation of ornamental streetlights shall be in accordance with the County's specifications. The City's estimated cost for street lighting is \$0.00.

16a. The City shall pay to the County Sixty Seven Percent (67%) of the cost of construction and installation of the whole traffic actuated signal system (including County supplied materials) at 143rd Avenue NW and One Hundred Percent (100%) of the hand holes and conduit construction for possible future signalization of the South Coon Creek Drive and future Andover Boulevard intersections. The City's estimated share of the construction is \$108,640.00.

16b. The County shall pay One Hundred Percent (100%) of all interconnect costs.

17. The City shall pay One Hundred Percent (100%) of Emergency Vehicle Pre-emption (EVP) costs. The City's estimated share of the construction is \$108,640.00.

18. The City shall pay One Hundred Percent (100%) of the cost of retaining walls required to accommodate the new bituminous trails costs. The City's cost for retaining walls is \$19,125.00.

19. The total estimated cost to the City for the project is summarized below:

1	Right of Way	\$0.00
2	Construction or Adjustment of Local Utilities	\$267,325.20
3	Grading, Base & Bituminous	\$43,030.10
4	Storm Sewer	\$77,890.72
5	Detention Basins	\$17,906.90
6	Concrete Curb & Gutter	\$64,546.60
7	Decorative Medians	\$0.00
8	Median Plantings	\$0.00
9	Driveway Upgrades	\$0.00
10	Concrete Sidewalk	\$41,477.10
11	Trails	\$63,945.00
12	Street Lights	\$0.00
13	Traffic Signals	\$108,640.00
14	EVP	\$14,000.00
15	Retaining Walls	\$19,125.00
<hr/> Total Estimated Construction Cost To The City		<hr/> \$717,886.62 <hr/>

The total estimated construction cost to the City for the project is \$717,886.62 as shown on the attached Exhibits A and B. The City participation in construction engineering will be at a rate of Eight Percent (8%) of their designated share. The estimated cost to the City for construction engineering is \$57,430.93. The grand total estimated cost to the City for the project is \$775,317.55.

Upon award of the contract, the City shall pay to the County, upon written demand by the County, Ninety Five (95%) of its portion of the cost of the project estimated at \$736,551.67. The City's share of the cost of the project shall include only construction and construction engineering expense and does not include administrative expenses incurred by the County.

Upon final completion of the project, the City's share of the construction cost will be based upon actual construction costs. If necessary, adjustments to the initial Ninety Five (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.

IV. TERM

This Agreement shall continue until terminated as provided hereinafter.

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 disbursements shall be made upon request by either party.

VIII. TERMINATION

This Agreement may be terminated by either party at any time, with or without cause, upon not less than thirty (30) days written notice delivered by mail or in person to the other party. If notice is delivered by mail, it shall be deemed to be received two (2) days after mailing. Such termination shall not be effective with respect to any solicitation of bids or any purchases of services or goods which occurred prior to such notice of termination. The City shall pay its pro rata share of costs which the County incurred prior to such notice of termination.

IX. RIGHT OF WAY

As part of this project, the County will acquire all necessary right-of-way including any easements required to construct the bituminous trail requested by the City as well as any additional right-of-way needed for the improvements to the City street intersections. Upon request by the County, the City owned property required for the project shall be conveyed by warranty deed by the City to the County at no cost to the County. The City shall perform all special assessment searches required for this project at no cost to the County. After construction has been completed the County shall convey the property acquired to widen/improve the City streets by warranty deed to the City.

X. SIGNALIZATION POWER

The City shall at their sole expense, install or cause the installation of an adequate electrical power source to the service cabinet for the intersection of 143rd Avenue NW, including any necessary extension of power lines. The City shall be the lead agency in this matter. Upon completion of said traffic controls signal installation, the ongoing cost of the electrical power to the signal shall be the sole cost and expense of the City.

XI. MAINTENANCE

Maintenance of the completed watermain, sanitary sewer, storm sewer (except catch basins and catch basin leads), detention basins (including ponds and their outlet structures and any grit chambers/collectors including the "Vortechs Stormwater Treatment System") shall be the sole obligation of the City.

1. Maintenance of all trails and sidewalks, including snow plowing, shall be the sole responsibility of the City.

2. Maintenance of streetlights and cost of electrical power to the streetlights shall be the sole obligation of the City.

3. The City shall be responsible to maintain all medians which the City has designated for plantings. Maintenance shall be performed in accordance with the "Anoka County Highway Department landscape/Streetscape Guidelines dated June 2000." If the City does not comply with the guidelines, the County at any time may remove all plantings, landscaping items and replace with hard surfacing in its place. The City shall be billed by the County for all costs incurred.

4. Maintenance of the completed signals and signal equipment shall be the sole obligation of the County.

5. The County shall maintain the traffic signal controller, traffic signal and pedestrian indications, loop detectors and associated wiring of the said traffic control signals at the sole obligation of the County.

6. Painting of the traffic signals shall be the sole obligation of the County.

7. Timing of the traffic signals shall be determined by the County.

8. Only the County shall have access to the controller cabinets.

9. The traffic control signals shall be the property of the County.

10. The City shall be responsible for maintenance of the luminaries, luminaire relamping, and luminaire painting.

11. All maintenance of the EVP Systems shall be completed by the County. The City shall be billed by the County on a quarterly basis for all incurred costs.

12. EVP Emitter Units may be installed on and used only by Emergency Vehicles responding to an emergency as defined in Minn. Stat. §§ 169.01, Subd. 5, and 169.03. The City shall provide a list to the County Traffic Engineer, or the County's duly appointed representative, of all such vehicles with emitter units on an annual basis.

13. Malfunctions of the EVP Systems shall be immediately reported to the County.

14. All timing of said EVP Systems shall be determined by the County.

15. In the event said EVP Systems 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 Systems. Upon removal of the EVP Systems 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.

XII. NOTICE

For purposes of delivery of any notices hereunder, the notice shall be effective if delivered to the County Administrator of Anoka County, 2100 Third Avenue North, Anoka, Minnesota 55303, on behalf of the County, and the City Administrator of Andover, 1685 Crosstown Boulevard NW, Andover, Minnesota 55307, on behalf of the City.

XIII. INDEMNIFICATION

The City and the 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.

XIV. 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.

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

COUNTY OF ANOKA

By: [Signature]
Dan Erhart, Chairman
County Board of Commissioners

Dated: 4/27/04

CITY OF ANDOVER

By: [Signature]
Name: Mayor

Dated: 2/17/04

ATTEST

By: [Signature]
John "Jay" McLinden
County Administrator

Dated: 4/27/04

By: [Signature]
Name: City Administrator

Dated: 2/12/04

RECOMMENDED FOR APPROVAL

By: [Signature]
Douglas Fischer, P.E.
County Engineer

Dated: 3/26/04

By: [Signature]
David Berkowitz, P.E.
City Engineer

Dated: 2/12/04

APPROVED AS TO FORM

By: [Signature]
Dan Klint
Assistant County Attorney

Dated: 4-28-04

By: [Signature]
Name: VICTORIA VOLK

Dated: 2-18-04

Revised Date: 01-Dec-03

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EXHIBIT A S.A.P. 02-609-12

Revised Date: 01-Dec-03

ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	UNIT PRICE	TOTAL ESTIMATED COST	ANOKA COUNTY SAP 02-609-12				CITY OF ANDOVER SAP 198-020-17				DRAINAGE			
						PARTICIPATING		NON-PARTICIPATING		PARTICIPATING		NON-PARTICIPATING		EST. QUANTITY		EST. COST	
						EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST
2501.515	30" RC PIPE APRON	EACH	1	\$550.00	\$550.00									1		\$550.00	
2501.515	36" RC PIPE APRON	EACH	1	\$900.00	\$900.00									1		\$900.00	
2501.515	42" RC PIPE APRON	EACH	1	\$1,100.00	\$1,100.00									1		\$1,100.00	
2503.541	12" RC PIPE SEWER DES 3008 CLASS II	LIN FT	2465	\$40.300.00	\$99,300.00									2465		\$99,300.00	
2503.541	15" RC PIPE SEWER DES 3008 CLASS II	LIN FT	1485	\$31.185.00	\$46,300.00									1485		\$46,300.00	
2503.541	18" RC PIPE SEWER DES 3008 CLASS II	LIN FT	1818	\$39.996.00	\$73,185.00									1818		\$73,185.00	
2503.541	21" RC PIPE SEWER DES 3008 CLASS II	LIN FT	286	\$58.578.00	\$16,770.00									286		\$16,770.00	
2503.541	24" RC PIPE SEWER DES 3008 CLASS II	LIN FT	1549	\$41.823.00	\$64,770.00									1549		\$64,770.00	
2503.541	27" RC PIPE SEWER DES 3008 CLASS II	LIN FT	1330	\$42.560.00	\$56,470.00									1330		\$56,470.00	
2503.541	30" RC PIPE SEWER DES 3008 CLASS II	LIN FT	590	\$22.420.00	\$13,220.00									590		\$13,220.00	
2503.541	33" RC PIPE SEWER DES 3008 CLASS II	LIN FT	374	\$16.830.00	\$6,290.00									374		\$6,290.00	
2503.541	36" RC PIPE SEWER DES 3008 CLASS II	LIN FT	529	\$26.450.00	\$14,000.00									529		\$14,000.00	
2503.541	42" RC PIPE SEWER DES 3008 CLASS II	LIN FT	51	\$4,080.00	\$2,080.00									51		\$2,080.00	
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	1	\$500.00	\$500.00									1		\$500.00	
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	6	\$600.00	\$3,600.00									6		\$3,600.00	
2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	9	\$700.00	\$6,300.00									9		\$6,300.00	
2503.602	CONNECT TO EXISTING MANHOLES (SANITARY SEWER)	EACH	2	\$1,100.00	\$2,200.00									2		\$2,200.00	
2503.602	ADJUST SANITARY SEWER SERVICE	EACH	15	\$1,500.00	\$22,500.00									15		\$22,500.00	
2503.602	SERVICE CLEANOUT	EACH	5	\$250.00	\$1,250.00									5		\$1,250.00	
2503.603	4" PVC PIPE SCHEDULE 40	LIN FT	740	\$5.920.00	\$4,380.00									740		\$4,380.00	
2503.603	6" PVC PIPE SCHEDULE 40	LIN FT	964	\$17.352.00	\$16,720.00									964		\$16,720.00	
2503.603	8" PVC PIPE SCHEDULE 40	LIN FT	935	\$561.00	\$524,500.00									935		\$524,500.00	
2503.603	TELEPHONE SANITARY SEWER	LIN FT	2127	\$2.40	\$5,104.80									2127		\$5,104.80	
2503.602	DUCTILE IRON FITTINGS	LB	2127	\$2.40	\$5,104.80									2127		\$5,104.80	
2504.602	8" GATE VALVE AND BOX	EACH	8	\$7,200.00	\$57,600.00									8		\$57,600.00	
2504.602	12" GATE VALVE AND BOX	EACH	5	\$5,400.00	\$27,000.00									5		\$27,000.00	
2504.602	12" GATE VALVE AND BOX	EACH	3	\$5,400.00	\$16,200.00									3		\$16,200.00	
2504.602	1" CURB STOP	EACH	13	\$130.00	\$1,690.00									13		\$1,690.00	
2504.602	1" CURB STOP AND BOX	EACH	13	\$120.00	\$1,560.00									13		\$1,560.00	
2504.602	8" X 4" PVC WYE	EACH	5	\$30.00	\$150.00									5		\$150.00	
2504.602	RELOCATE HYDRANT	EACH	7	\$15,400.00	\$107,800.00									7		\$107,800.00	
2504.602	INSTALL HYDRANT	EACH	8	\$8,400.00	\$67,200.00									8		\$67,200.00	
2504.602	ADJUST HYDRANT	EACH	2	\$1,600.00	\$3,200.00									2		\$3,200.00	
2504.602	ADJUST GATE VALVE	EACH	2	\$400.00	\$800.00									2		\$800.00	
2504.602	12" X 8" PRESSURE TAP WITH 8" GV & BOX	EACH	34	\$150.00	\$5,100.00									34		\$5,100.00	
2504.602	CONNECT TO EXISTING WATER MAIN	EACH	2	\$4,200.00	\$8,400.00									2		\$8,400.00	
2504.602	ADJUST CURB STOP AND BOX	EACH	7	\$4,500.00	\$31,500.00									7		\$31,500.00	
2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	236	\$24.00	\$5,664.00									236		\$5,664.00	
2504.603	8" WATERMAIN DUCTILE IRON CL 52	LIN FT	1045	\$25.080.00	\$26,208.00									1045		\$26,208.00	
2504.603	12" TYPE K COPPER PIPE	LIN FT	2410	\$77.120.00	\$185,872.00									2410		\$185,872.00	
2504.604	2" POLYSTYRENE INSULATION	SO YD	1900	\$10.00	\$19,000.00									1900		\$19,000.00	
2504.605	1 1/2" CRUSHED ROCK	TON	1980	\$0.01	\$19.80									1980		\$19.80	
2505.501	CONST DRAINAGE STRUCTURE DESIGN F	LIN FT	39	\$5,850.00	\$228,150.00									39		\$228,150.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	357	\$165.00	\$58,905.00									357		\$58,905.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN H	LIN FT	23	\$175.00	\$4,025.00									23		\$4,025.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	61	\$190.00	\$11,590.00									61		\$11,590.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 54-4020	LIN FT	64	\$230.00	\$14,720.00									64		\$14,720.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 60-4020	LIN FT	75	\$255.00	\$19,125.00									75		\$19,125.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 66-4020	LIN FT	6	\$285.00	\$1,710.00									6		\$1,710.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 72-4020	LIN FT	34	\$300.00	\$10,200.00									34		\$10,200.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 78-4020	LIN FT	30	\$400.00	\$12,000.00									30		\$12,000.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 84-4020	LIN FT	11	\$675.00	\$7,425.00									11		\$7,425.00	
2505.501	CONST DRAINAGE STRUCTURE DESIGN 90-4020	LIN FT	6	\$700.00	\$4,200.00									6		\$4,200.00	
2505.502	CONST DRAINAGE STRUCTURE DESIGN SPECIAL	EACH	1	\$2,200.00	\$2,200.00									1		\$2,200.00	
2505.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	4	\$250.00	\$1,000.00									4		\$1,000.00	
2505.602	STORMWATER TREATMENT SYSTEM	EACH	1	\$30,000.00	\$30,000.00									1		\$30,000.00	
2505.516	CASTING ASSEMBLY	EACH	153	\$250.00	\$38,250.00									153		\$38,250.00	

EXHIBIT A S.A.P. 02-609-12

Revised Date: 01-Dec-03

ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	UNIT PRICE	TOTAL ESTIMATED COST	ANOKA COUNTY SAP 02-609-12				CITY OF ANDOVER SAP 198-020-17				DRAINAGE			
						PARTICIPATING		NON-PARTICIPATING		PARTICIPATING		NON-PARTICIPATING		EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST
						EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST				
2506.521	INSTALL CASTING	EACH	5	\$300.00	\$1,500.00									5	\$1,500.00		
2506.522	ADJUST FRAME AND RING CASTING	EACH	11	\$300.00	\$3,300.00									5	\$1,500.00		
2506.602	CONSTRUCT SANITARY MANHOLE W/CASTING (6-10")	EACH	6	\$1,800.00	\$10,800.00									6	\$10,800.00		
2506.602	CONSTRUCT SANITARY MANHOLE (EXTRA DEPTH)	LN FT	6.67	\$300.00	\$2,001.00									6.67	\$2,001.00		
2506.603	RECONSTRUCT SANITARY MANHOLE	LN FT	66	\$200.00	\$13,200.00									66	\$13,200.00		
2511.501	RANDOM RIPRAP, CL III	CU YD	51	\$70.00	\$3,570.00									51	\$3,570.00		
2511.515	GEOTEXTILE FILTER TYPE IV	SG YD	103	\$2.00	\$206.00									103	\$206.00		
2521.501	4" CONCRETE WALK	SG FT	76145	\$2.10	\$160,905.00									19751	\$41,477.10		
2531.501	CONCRETE CURB & GUTTER DESIGN B418	LN FT	22222	\$6.90	\$1,533,318.00									8614	\$59,436.60		
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LN FT	730	\$14.00	\$10,220.00									365	\$5,110.00		
2531.501	6" CONCRETE DRIVEWAY PAVEMENT	SG YD	530	\$38.20	\$20,266.00									530	\$20,266.00		
2531.604	7" CONCRETE VALLEY GUTTER	SG YD	267	\$10.10	\$2,696.70									267	\$2,696.70		
2531.604	CONCRETE NOSE DES 7113	SG FT	148	\$2.00	\$296.00									148	\$296.00		
2531.618	PEDESTRIAN CURB RAMP (TRUNCATED DOME)	SG FT	416	\$2.00	\$832.00									416	\$832.00		
2531.618	PEDESTRIAN CURB RAMP (TRUNCATED DOME)	LN FT	1370	\$7.00	\$9,590.00									1370	\$9,590.00		
2533.504	CONCRETE MEDIAN BARRIER DES 6337B	LN FT	1370	\$7.00	\$9,590.00									1370	\$9,590.00		
2540.602	RELOCATE MAIL BOX SUPPORT	EACH	28	\$50.00	\$1,400.00									28	\$1,400.00		
2540.602	RELOCATE MAIL BOX SUPPORT SPECIAL	EACH	3	\$150.00	\$450.00									3	\$450.00		
2544.615	IMPACT ATTENUATOR	LN FT	1020	\$2,700.00	\$2,754,000.00									6	\$16,200.00		
2554.603	TEMPORARY FENCE	LN FT	1020	\$1.50	\$1,530.00									1020	\$1,530.00		
2563.601	TRAFFIC CONTROL STAGE 1	LS	1	\$5,500.00	\$5,500.00									1	\$5,500.00		
2563.601	TRAFFIC CONTROL STAGE 2	LS	1	\$5,500.00	\$5,500.00									1	\$5,500.00		
2563.601	TRAFFIC CONTROL STAGE 3	LS	1	\$5,500.00	\$5,500.00									1	\$5,500.00		
2563.601	TRAFFIC CONTROL STAGE 4	LS	1	\$5,500.00	\$5,500.00									1	\$5,500.00		
2563.601	TRAFFIC CONTROL STAGE 5	LS	1	\$5,500.00	\$5,500.00									1	\$5,500.00		
2563.601	BEFORE SIGNING	LS	1	\$10,000.00	\$10,000.00									1	\$10,000.00		
2563.601	AFTER SIGNING	LS	1	\$10,000.00	\$10,000.00									1	\$10,000.00		
2563.602	RAISED PAVEMENT MARKER TEMPORARY, TYPE 1	EACH	260	\$260.00	\$67,600.00									260	\$67,600.00		
2564.531	SIGN PANELS TYPE C	SG FT	688	\$21.50	\$14,792.00									688	\$14,792.00		
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	15	\$40.00	\$600.00									15	\$600.00		
2564.602	TEMPORARILY RELOCATE SIGN TYPE C	EACH	12	\$45.00	\$540.00									12	\$540.00		
2564.602	TEMPORARILY RELOCATE SIGN TYPE SPECIAL	EACH	18	\$50.00	\$900.00									18	\$900.00		
2564.602	PVMT MESSAGE (L ARROW) POLY PREFORM	EACH	21	\$280.00	\$5,880.00									21	\$5,880.00		
2564.602	PVMT MESSAGE (R ARROW) POLY PREFORM	EACH	24	\$280.00	\$6,720.00									24	\$6,720.00		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	23900	\$0.08	\$1,912.00									23900	\$1,912.00		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	11500	\$0.08	\$920.00									11500	\$920.00		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	3280	\$0.16	\$524.80									3280	\$524.80		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	21222	\$0.20	\$4,244.40									21222	\$4,244.40		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	17617	\$0.02	\$352.34									17617	\$352.34		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	16916	\$0.21	\$3,552.36									16916	\$3,552.36		
2564.603	4" SOLID LINE WHITE-LATEX	LN FT	3722	\$0.42	\$1,563.24									3722	\$1,563.24		
2564.603	8" STOP LINE WHITE-POLY PREFORMED	LN FT	652	\$12.00	\$7,824.00									652	\$7,824.00		
2564.603	8" STOP LINE WHITE-POLY PREFORMED	LN FT	990	\$19.00	\$18,810.00									990	\$18,810.00		
2565.511	FULL T ACT 1 CONTROL SIGNAL SYSTEM "A"	SG SYS	1	\$140,000.00	\$140,000.00									1	\$140,000.00		
2565.511	FULL T ACT 1 CONTROL SIGNAL SYSTEM "B"	SG SYS	1	\$120,000.00	\$120,000.00									1	\$120,000.00		
2565.511	FULL T ACT 1 CONTROL SIGNAL SYSTEM "B"	SG SYS	1	\$6,000.00	\$6,000.00									1	\$6,000.00		
2565.601	TRAFFIC SIGNAL INTERCONNECTION	LS	1	\$40,000.00	\$40,000.00									1	\$40,000.00		
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "A"	LS	1	\$4,000.00	\$4,000.00									1	\$4,000.00		
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "B"	LS	1	\$5,000.00	\$5,000.00									1	\$5,000.00		
2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM "C"	LS	1	\$5,000.00	\$5,000.00									1	\$5,000.00		
2565.602	PVC HANDHOLE (METAL FRAME & COVER)	EACH	16	\$700.00	\$11,200.00									16	\$11,200.00		
2565.603	4 INCH RIGID STEEL CONDUIT	LN FT	750	\$12.00	\$9,000.00									750	\$9,000.00		
2565.616	REVERSE SIGNAL SYSTEM	SVST	1	\$8,000.00	\$8,000.00									0.75	\$6,000.00		
2573.602	SILT FENCE BOX	EACH	22	\$50.00	\$1,100.00									22	\$1,100.00		
2573.602	SILT FENCE, TYPE HEAVY DUTY	LN FT	11901	\$1.40	\$16,661.40									11901	\$16,661.40		
2573.605	RAPID STABILIZATION METHOD 1	ACRE	7	\$400.00	\$2,800.00									7	\$2,800.00		
2573.609	RAPID STABILIZATION METHOD 5	TON	51	\$20.00	\$1,020.00									51	\$1,020.00		
2573.501	SEEDING	ACRE	12	\$385.00	\$4,620.00									12	\$4,620.00		
2573.502	SEED MIXTURE 120B	POUND	271	\$1.10	\$298.10									271	\$298.10		

EXHIBIT A S.A.P. 02-609-12

Revised Date: 01-Dec-03

ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	UNIT PRICE	TOTAL ESTIMATED COST	ANOKA COUNTY SAP 02-609-12				CITY OF ANDOVER SAP 198-020-17				DRAINAGE	
						PARTICIPATING		NON-PARTICIPATING		PARTICIPATING		NON-PARTICIPATING		EST. QUANTITY	EST. COST
						EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST	EST. QUANTITY	EST. COST		
2575.502	SEED MIXTURE 288	POUND	142	\$9.35	\$1,327.70	142	\$1,327.70								
2575.502	SEED MIXTURE 308	POUND	201	\$11.40	\$2,291.40	201	\$2,291.40								
2575.502	SEED MIXTURE 608	POUND	67	\$3.05	\$204.35	67	\$204.35								
2575.502	SEED MIXTURE 608 (MOD)	POUND	365	\$3.30	\$1,203.50	365	\$1,203.50								
2575.505	SODDING TYPE LAWN	SQ YD	17665	\$1.90	\$3,356.35	17665	\$3,356.35								
2575.505	SODDING TYPE SALT RESISTANT	SQ YD	2686	\$2.00	\$5,372.00	2686	\$5,372.00								
2575.511	MULCH MATERIAL TYPE 1	TON	7.6	\$120.00	\$912.00	7.6	\$912.00								
2575.519	DISK ANCHORING	ACRE	4	\$85.00	\$340.00	4	\$340.00								
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	38974	\$1.30	\$50,666.20	38974	\$50,666.20								
2575.531	COMMERCIAL FERT ANALYSIS 22-5-10 (SLOW RELEASE)	TON	2	\$485.00	\$970.00	2	\$970.00								
2580.501	TEMPORARY LANE MARKING	LN FT	288	\$1.00	\$288.00	288	\$288.00								
2581.501	REMOVABLE PREFORMED PLASTIC MARKING	LN FT	1000	\$1.00	\$1,000.00	1000	\$1,000.00								
					\$3,974,465.39		\$2,745,181.29		\$16,500.00		\$386,052.80		\$247,995.20		\$598,735.10
TOTAL PROJECT															

COST SPLITS

	ANOKA COUNTY STATE AID FUNDS		ANOKA COUNTY LOCAL FUNDS		CITY OF ANDOVER STATE AID FUNDS		CITY OF ANDOVER LOCAL FUNDS	
ROADWAY	\$3,375,730.29	\$2,745,181.29	\$16,500.00		\$386,052.80		\$247,995.20	
DRAINAGE	\$598,735.10	84%	\$502,937.48	16%	\$95,797.62			
SIGNAL CABINETS	2	133%	\$15,960.00	67%	\$5,040.00			
CONSTRUCTION TOTAL	\$3,998,465.39		\$3,264,078.77		\$469,890.42		\$247,995.20	
CONSTRUCTION ENGINEERING	8%		\$261,126.30		\$37,591.23		\$19,835.70	
PROJECT TOTAL	\$4,318,342.62		\$3,525,205.08		\$507,481.65		\$267,835.90	

S.A.P 02-609-12**EXHIBIT B**

COST-SHARING AGREEMENT
FOR PROJECTS CONSTRUCTED IN ANOKA COUNTY
USING COUNTY STATE AID FUNDS OR LOCAL TAX LEVY DOLLARS

<u>ITEMS</u>	<u>COUNTY SHARE</u>	<u>CITY SHARE</u>
Bikeways	0	100%
Concrete Curb & Gutter	50%	50%
Concrete Sidewalk	0	100%
Concrete Sidewalk Replacement	100%	0
Concrete Curb & Gutter for Median Construction	100%	0
Concrete Median	100%	0*®
Construction or Adjustment of Local Utilities	0	100%
Grading, Base and Bituminous	100%	0
Storm Sewer	based on state aid letter*©	based on state aid letter*©
Driveway Upgrades	0*	100%
Traffic Signals (communities larger than 5,000)	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 (communities less than 5,000)	100%	0*™
Engineering Services	*Σ	*Σ
Right-of-Way	1005	0*
Street Lights	0	100%

*® The County pays for 100% OF A Standard Median Design such as plain concrete. If a local unit of government requests decorative median such as red brick, stamped concrete, or exposed aggregate concrete, the local unit will pay the additional cost above the cost of standard median.

*© 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.

*™ In cities less than 5,000 people the County pays for 100% of the cost of the traffic signal effective March 1986. The County collects on behalf of the cities (less than 5,000) "Municipal State Aid Dollars" since they do not themselves qualify for state aid funds. These funds are used to pay the City Share.

*Σ 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.

*| 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 shall be paid by the Township or City.

*| The County will replace all driveways in-kind. Upgrades in surfacing (i.e., gravel to bituminous, bituminous to concrete shall be at 100% expense to the Township or City).