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02-678-18

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Anoka County Contract No. 2005-0529

**JOINT POWERS AGREEMENT
FOR THE IMPROVEMENTS OF CSAH 78 (HANSON BOULEVARD)
FROM CR 18 (CROSSTOWN BOULEVARD) TO 155th LANE
PROJECT NO. S.A.P. 02-678-18**

THIS AGREEMENT is made and entered into this ___ day of _____, 2006 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 Andover, 1685 Crosstown Blvd., NW, Andover, MN, 55304, hereinafter referred to as the "City".

WITNESSETH

WHEREAS, the parties to this agreement consider it mutually desirable to reconstruct County State Aid Highway No. 78 (Hanson Blvd) from CR 18 (Crosstown Blvd) to 155th Lane including a traffic control signal at 154th Avenue to improve the safety of the intersection; and,

WHEREAS, the parties agree that the County shall cause the reconstruction of County State Aid Highway No. 78 (Hanson Blvd) from CSAH 18 (Crosstown Blvd) to 155th Lane; and,

WHEREAS, the County prepared plans and specifications for S.A.P. 02-678-18 which plans and specifications are on file in the office of the County Engineer; and,

WHEREAS, the County has received State funds through the Local Road Improvement Program to improve the intersection at CSAH 78 (Hanson Blvd) at 154th Avenue; 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, and traffic control system on a portion of County State Aid Highway No. 78 (Hanson Blvd) from approximately 0.08 mile north of CR 18 to approximately 0.05 miles south of 155th Lane; as described in the plans and specifications numbered SAP 02-678-18 on file in the office of the Anoka County Highway Department (hereinafter collectively referred to as "Project").

The Project consists of three (3) parts as shown in Exhibit A, the plan layout for the project. The first part of the project includes reconstruction of CSAH 78 from 0.08 miles north of CR 18 to 0.07 miles north of Bluebird Street which includes construction of a raised median on CSAH 78 with a south bound only left turn lane into Bluebird Street as well as a raised median on Bluebird Street on the east side of Hanson Blvd. to prohibit left turn out access. This part of the Project is hereinafter collectively referred to as the "Bluebird Improvements". The second part of the Project is within the limits of the Bluebird Improvements on Hanson Blvd and includes the construction of the south bound Hanson Blvd right turn lane into Bluebird Street as well as all approach construction on Bluebird west

of Hanson Blvd. This part of the Project is hereinafter collectively referred to as the "Community Center Turn Lane Improvements" with a project number SAP 198-020-026. The third part of the Project includes reconstruction of CSAH 78 from 0.07 miles north of Bluebird Street to 0.05 miles south of 155th Lane including channelization and signalization of 154th Lane at CSAH 78. This part of the Project is hereinafter collectively referred to as the "154th Improvements".

II. METHOD

The County shall provide all engineering services and shall cause the construction of Anoka County Project S.A.P. 02-678-18 in conformance with said engineering plans and specifications. The County shall do the calling for all bids and acceptance of all bid proposals.

III. COSTS

A. The contract cost of the work, or if the work is not contracted, the cost of all labor, materials, normal engineering costs, and equipment rental required to do the work shall constitute the actual construction costs and shall be so referred to herein. Project costs are good faith projections of 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.

B. The cost of the Project is \$1,620,792.63 as shown in Schedule I. Participation in the Project cost is as follows:

1. The City shall pay one hundred percent (100%) of the cost of Bluebird Improvements including construction and engineering. The City's share is \$284,972.40.
2. The City shall pay one hundred percent (100%) of the cost of Community Center Turn Lane Improvements including construction and engineering. The City's share is \$84,134.68
3. The City agrees to contribute \$100,000.00 to the 154th Improvements. The City is responsible for obtaining portions of its share from other parties.
4. The County shall pay zero percent (0%) of the cost of the Bluebird Improvements.
5. The County shall pay zero percent (0%) of the cost of the Community Center Turn Lane Improvements.
6. The County shall be responsible for all remaining construction and engineering costs.
7. The County shall enter into a separate agreement with the Anoka-Hennepin School District #11 for cost share of the 154th Improvements

The Cost participation is summarized below:

City of Andover	\$469,107.08
Anoka County	All remaining Costs

The total cost to the City for the Project is \$469,107.08

C. Upon final execution of the joint powers agreement and award of the contract, the City shall pay to the County, upon written demand by the County, one hundred percent (100%) of its portion of the cost of the Bluebird Improvements and the Community Center Turn Lane Improvements is \$369,107.08 and one hundred percent (100%) of its portion of the 154th Improvements at \$100,000 for a total of \$469,107.08. The City's share for the project shall include only construction and engineering expense and shall not include administration expenses incurred by the County.

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 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 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. 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 Hanson Blvd and 154th Avenue, including any necessary extension of power lines. The City shall be the lead agency in this matter. Upon completion of said traffic control signal installation, the ongoing cost of the electrical power to the signal shall be the sole cost and expense of the City.

X. MAINTENANCE

A. 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 grit chambers/collectors) shall be the sole obligation of the City.

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

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

D. Painting of the traffic signal system at Hanson Blvd and 154th Avenue shall be the sole obligation of the County.

E. Timing of the traffic signal at Hanson Blvd and 154th Avenue shall be determined by the County.

F. Only the County shall have access to the controller cabinet.

G. The traffic control signal at Hanson Blvd and 154th Avenue shall be the property of the County.

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

I. 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.

J. EVP Emitter Units may be installed on and used only by Emergency Vehicles responding to an emergency as defined in Minnesota Statutes §169.01, Subdivision 5, 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.

K. Malfunctions of the EVP System shall be immediately reported to the County.

L. All timing of said EVP System shall be determined by the County.

M. 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.

IX. 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 Administrator of Andover, 1685 Crosstown Blvd., NW, Andover, MN, 55304, on behalf of the City.

X. 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.

XI. ENTIRE AGREEMENT REQUIREMENT OF 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 to this Agreement have hereunto set their hands on the dates written below.

COUNTY OF ANOKA

By: Dennis D. Berg
Dennis D. Berg Margaret Langfeld, Chair
Anoka County Board of Commissioners

Dated: 1/23/07

ATTEST

By: John L. Johnson
John "Jay" McLinden
Anoka County Administrator

Dated: 1/23/07

RECOMMENDED FOR APPROVAL

By: Douglas W. Fischer
Douglas W. Fischer, P.E.
Anoka County Engineer

Dated: 1/24/07

APPROVED AS TO FORM

By: Dan Klint
Dan Klint
Assistant Anoka County Attorney

Dated: 1-29-07

CITY OF ANDOVER

By: Mike Gamache
Mike Gamache
Mayor

Dated: 1/2/07

By: Jim Dickinson
Jim Dickinson
City Administrator

Dated: 12-20-06

By: Dave Berkowitz
Dave Berkowitz, P.E.
City Engineer

Dated: 12/20/06

By: _____
City Attorney

Dated: _____

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*①
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	0*⑥	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*③
Engineering Services	*④	*④
Right-of-Way	100%	0*⑤
Street Lights	0	100%

- *① 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.
- *② In the event no State Aid is being used, drainage cost shares will be computed by proportions of total area to County area where the area of the road right-of-way is doubled prior to performance of the calculations.
- *③ 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.
- *④ 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.
- *⑤ 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.
- *⑥ 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).

S.A.P. 02-678-18
 CSAH 78 (Hanson Boulevard), Between 335' N. of C.R. 18 and 234' S. of 154th Lane.
 Contract No. 2005-0552

Date 11/30/06

Schedule I (Revised)

Item Number	Description	Unit	Unit Price	Project Total		City of Andover Non-Participating CSAH 78 Roadway (GROUP 1)		Anoka County S.A.P. 02-678-18 CSAH 78 Roadway (GROUP 2)		City of Andover S.A.P. 198-020-26 CSAH 78 Turn Lane (GROUP 3)		Independent School District 11 (GROUP 4)	
				Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost
2021.501	MOBILIZATION	LUMP SUM	\$60,000.00	1.00	\$60,000.00	0.18	\$10,800.00	0.73	\$43,800.00	0.09	\$5,400.00		
2031.501	FIELD OFFICE TYPE D-MODIFIED	EACH	\$7,000.00	1.00	\$7,000.00	0.18	\$1,260.00	0.73	\$5,110.00	0.09	\$630.00		
2101.502	CLEARING	TREE	\$75.00	4.00	\$300.00			4.00	\$300.00				
2101.507	GRUBBING	TREE	\$30.00	4.00	\$120.00			4.00	\$120.00				
2102.502	PAVEMENT MARKING REMOVAL			10996.00	\$4,398.40			10996.00	\$4,398.40				
2104.501	REMOVE PIPE CULVERTS	LN FT	\$0.40	381.00	\$152.40	192.00	\$76.80	144.00	\$57.60	45.00	\$18.00		
2104.501	REMOVE SEWER PIPE (STORM)	LN FT	\$10.00	100.00	\$1,000.00			100.00	\$1,000.00				
2104.501	REMOVE CURB AND GUTTER	LN FT	\$3.00	1149.00	\$3,447.00	544.00	\$1,632.00	552.00	\$1,656.00	53.00	\$159.00		
2104.501	REMOVE CHAIN LINK FENCE	LN FT	\$10.00	87.00	\$870.00			87.00	\$870.00				
2104.503	REMOVE CONCRETE WALK	SQ FT	\$0.50	1952.00	\$976.00	1952.00	\$976.00						
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$1.60	17774.00	\$28,438.40	4905.00	\$7,848.00	12275.00	\$19,640.00	594.00	\$950.40		
2104.509	REMOVE CONCRETE APRON	EACH	\$300.00	6.00	\$1,800.00			6.00	\$1,800.00				
2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH	\$400.00	2.00	\$800.00			2.00	\$800.00				
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LN FT	\$6.00	6.00	\$36.00			6.00	\$36.00				
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LN FT	\$1.25	1915.00	\$2,393.75	561.00	\$701.25	1305.00	\$1,631.25	49.00	\$61.25		
2104.523	SALVAGE SIGN TYPE C	EACH	\$20.00	36.00	\$720.00	13.00	\$260.00	22.00	\$440.00	1.00	\$20.00		
2104.523	SALVAGE SIGN TYPE D	EACH	\$30.00	2.00	\$60.00			2.00	\$60.00				
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	\$30.00	2.00	\$60.00	2.00	\$60.00						
2104.523	SALVAGE TEMPORARY BARRICADES	EACH	\$30.00										
2104.523	SALVAGE PLASTIC DRUM CHANNELIZER	EACH	\$5.00										
2105.501	COMMON EXCAVATION (P)	CU YD	\$6.75	17172.00	\$115,911.00	2206.00	\$14,890.50	14260.00	\$96,255.00	706.00	\$4,765.50		
2125.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	\$125.00	9.00	\$1,125.00			9.00	\$1,125.00				
2130.501	WATER	M GALLONS	\$20.00	9.00	\$180.00			9.00	\$180.00				
2131.502	CALCIUM CHLORIDE SOLUTION	GALLON	\$0.01										
2211.503	AGGREGATE BASE (CV) CLASS 5 (B)	CU YD	\$25.00	4955.00	\$123,875.00	1250.00	\$31,250.00	3367.00	\$84,175.00	338.00	\$8,450.00		
2221.607	AGGREGATE SHOULDERING (CV), CLASS 7B	CU YD	\$0.01	659.00	\$6.59	191.00	\$1.91	389.00	\$3.89	79.00	\$0.79		
2232.501	MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$4.25	1321.00	\$5,614.25	949.00	\$4,033.25	372.00	\$1,581.00				
2350.501	TYPE IV 4 WEARING COURSE MIXTURE (C)	TON	\$47.00	3373.00	\$158,531.00	866.00	\$40,702.00	2271.00	\$106,737.00	236.00	\$11,092.00		
2350.502	TYPE IV 3 NON WEARING COURSE MIXTURE (B)	TON	\$39.00	3099.00	\$120,861.00	718.00	\$28,002.00	2164.00	\$84,396.00	217.00	\$8,463.00		
2350.604	BITUMINOUS PAVING FOR TRENCH RESTORATION	SQ YD	\$30.00	495.20	\$14,856.00	316.00	\$9,480.00	179.20	\$5,376.00				
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$1.65	1490.00	\$2,458.50	447.00	\$737.55	939.00	\$1,549.35	104.00	\$171.60		
2501.515	12" RC PIPE APRON	EACH	\$500.00	2.00	\$1,000.00			1.00	\$500.00	1.00	\$500.00		
2501.515	15" RC PIPE APRON	EACH	\$550.00	7.00	\$3,850.00	1.00	\$550.00	6.00	\$3,300.00				
2501.515	21" RC PIPE APRON	EACH	\$600.00	1.00	\$600.00			1.00	\$600.00				

S.A.P. 02-678-18
 CSAH 78 (Hanson Boulevard), Between 335' N. of C.R. 18 and 234' S. of 154th Lane.
 Contract No. 2005-0552

Date 11/30/06

Schedule I (Revised)

Item Number	Description	Unit	Unit Price	Project Total		City of Andover Non-Participating CSAH 78 Roadway (GROUP 1)		Anoka County S.A.P. 02-678-18 CSAH 78 Roadway (GROUP 2)		City of Andover S.A.P. 198-020-26 CSAH 78 Turn Lane (GROUP 3)		Independent School District 11 (GROUP 4)	
				Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost
2501.569	12" RC SAFETY APRON	EACH	\$800.00										
2501.569	15" RC SAFETY APRON	EACH	\$800.00	4.00	\$3,200.00			2.00	\$1,600.00	2.00	\$1,600.00		
2501.602	TRASH GUARD FOR 12" PIPE APRON	EACH	\$300.00	2.00	\$600.00			1.00	\$300.00	1.00	\$300.00		
2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	\$500.00	7.00	\$3,500.00	1.00	\$500.00	6.00	\$3,000.00				
2501.602	TRASH GUARD FOR 21" PIPE APRON	EACH	\$500.00	1.00	\$500.00			1.00	\$500.00				
2503.541	12" RC PIPE SEWER DESIGN 3006 CL V	LIN FT	\$29.00	290.00	\$8,410.00			204.00	\$5,916.00	86.00	\$2,494.00		
2503.541	15" RC PIPE SEWER DESIGN 3006 CL V	LIN FT	\$29.00	752.00	\$21,808.00	167.00	\$4,843.00	441.00	\$12,789.00	144.00	\$4,176.00		
2503.541	18" RC PIPE SEWER DESIGN 3006	LIN FT	\$33.00	111.00	\$3,663.00			111.00	\$3,663.00				
2503.541	21" RC PIPE SEWER DESIGN 3006	LIN FT	\$36.00	74.00	\$2,664.00			74.00	\$2,664.00				
2503.602	12" PIPE PLUG	EACH	\$100.00	3.00	\$300.00			2.00	\$200.00	1.00	\$100.00		
2503.602	15" PIPE PLUG	EACH	\$100.00	5.00	\$500.00	3.00	\$300.00	2.00	\$200.00				
2504.603	6" PVC PIPE CASING	LIN FT	\$12.00	78.00	\$936.00			78.00	\$936.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SD	LIN FT	\$275.00	39.85	\$10,958.75	7.65	\$2,103.75	24.81	\$6,822.75	7.39	\$2,032.25		
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	\$300.00	29.88	\$8,964.00			29.88	\$8,964.00				
2506.501	CONST DRAINAGE STRUCTURE DES 54-4020	LIN FT	\$350.00	4.77	\$1,669.50			4.77	\$1,669.50				
2506.516	CASTING ASSEMBLY	EACH	\$400.00	19.00	\$7,600.00	2.00	\$800.00	15.00	\$6,000.00	2.00	\$800.00		
2511.501	RANDOM RIPRAP CLASS II	CU YD	\$125.00	9.50	\$1,187.50	2.90	\$362.50	0.20	\$25.00	6.40	\$800.00		
2511.501	RANDOM RIPRAP CLASS IV	CU YD	\$125.00	23.10	\$2,887.50			23.10	\$2,887.50				
2521.501	GEOTEXTILE FILTER TYPE IV	SQ YD	\$2.00	74.50	\$149.00	9.00	\$18.00	46.30	\$92.60	19.20	\$38.40		
2521.511	4" CONCRETE WALK	SQ FT	\$3.00	18183.00	\$54,549.00	9610.00	\$28,830.00	7902.00	\$23,706.00	671.00	\$2,013.00		
2531.501	2.5" BITUMINOUS WALK	SQ FT	\$1.75	15059.00	\$26,353.25	2410.00	\$4,217.50	8889.00	\$15,555.75	480.00	\$840.00		
2531.501	CONCRETE CURB & GUTTER DESIGN B418	LIN FT	\$11.00	4131.00	\$45,441.00	1866.00	\$20,526.00	2265.00	\$24,915.00				
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	\$24.00	514.00	\$12,336.00	101.00	\$2,424.00	312.00	\$7,488.00	101.00	\$2,424.00		
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	\$19.00	302.00	\$5,738.00			295.00	\$5,605.00	7.00	\$133.00		
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	\$20.00	228.00	\$4,560.00	228.00	\$4,560.00						
2531.501	CONCRETE CURB & GUTTER DESIGN SPECIAL	LIN FT	\$21.00	203.00	\$4,263.00			203.00	\$4,263.00				
2531.501	CONCRETE CURB & GUTTER DESIGN 7109	EACH	\$400.00	1.00	\$400.00			1.00	\$400.00				
2531.602	CONCRETE MEDIAN NOSE DESIGN 7113	EACH	\$400.00	8.00	\$3,200.00	4.00	\$1,600.00	2.00	\$800.00	2.00	\$800.00		
2531.602	CONC ENTRANCE NOSE DES 7113	EACH	\$50.00	96.00	\$4,800.00	16.00	\$800.00			80.00	\$4,000.00		
2531.618	TRUNCATED DOMES	SQ FT	\$200.00	2450.00	\$490,000.00			2450.00	\$490,000.00				
2533.504	CONCRETE MEDIAN BARRIER DESIGN 8337	LIN FT	\$9.00	56.00	\$504.00			56.00	\$504.00				
2554.502	IMPACT ATTENUATOR BARRELS	EACH	\$200.00	9.00	\$1,800.00			9.00	\$1,800.00				
2554.509	GUIDE POST TYPE B	EACH	\$35.00	56.00	\$1,960.00	2.00	\$70.00	5.00	\$175.00	2.00	\$70.00		
2557.501	WIRE FENCE DESIGN 60-9322	LIN FT	\$25.00	56.00	\$1,400.00			56.00	\$1,400.00				
2563.601	TRAFFIC CONTROL	LUMP SUM	\$15,000.00	1.00	\$15,000.00	0.18	\$2,700.00	0.73	\$10,950.00	0.09	\$1,350.00		

S.A.P. 02-678-18
 CSAH 78 (Hanson Boulevard), Between 335' N. of C.R. 18 and 234' S. of 154th Lane.
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Date 11/30/06

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				Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost
2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	\$1.50	657.00	\$985.50			657.00	\$985.50				
2563.610	POLICE OFFICER	HOURL	\$75.00	14.00	\$1,050.00			14.00	\$1,050.00				
2564.537	INSTALL SIGN TYPE C	EACH	\$100.00	10.00	\$1,000.00			10.00	\$1,000.00				
2564.537	INSTALL SIGN TYPE D	EACH	\$150.00	2.00	\$300.00			2.00	\$300.00				
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	\$125.00	2.00	\$250.00	2.00	\$250.00						
2564.602	PAVEMENT MESSAGE (THRU ARROW) POLY PREFORM	EACH	\$275.00										
2564.602	PAVEMENT MESSAGE (LEFT ARROW) POLY PREFORM	EACH	\$275.00	6.00	\$1,650.00			6.00	\$1,650.00				
2564.602	PAVEMENT MESSAGE (RIGHT ARROW) POLY PREFORM	EACH	\$275.00	5.00	\$1,375.00	1.00	\$275.00	4.00	\$1,100.00				
2564.602	PAVEMENT MESSAGE (RIGHT-THRU ARROW) POLY PREFORM	EACH	\$375.00	2.00	\$750.00			2.00	\$750.00				
2564.602	PAVEMENT MESSAGE (THRU ARROW) PAINT	EACH	\$55.00										
2564.602	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	\$55.00	8.00	\$440.00			8.00	\$440.00				
2564.602	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	\$55.00	9.00	\$495.00			9.00	\$495.00				
2564.602	PAVEMENT MESSAGE (RIGHT-THRU ARROW) PAINT	EACH	\$80.00	2.00	\$160.00			2.00	\$160.00				
2564.603	4" SOLID LINE WHITE-EPOXY	LN FT	\$0.32	7610.00	\$2,435.20	1376.00	\$440.32	4840.00	\$1,548.80	1394.00	\$446.08		
2564.603	4" DOUBLE SOLID LINE YELLOW-EPOXY	LN FT	\$0.66	1701.00	\$1,122.66	341.00	\$225.06	1277.00	\$842.82	83.00	\$54.78		
2564.603	4" SOLID LINE YELLOW-EPOXY	LN FT	\$0.33	4143.00	\$1,367.19	1936.00	\$638.88	2089.00	\$689.37	118.00	\$38.94		
2564.603	24" SOLID LINE YELLOW-EPOXY	LN FT	\$5.60	176.00	\$985.60	48.00	\$268.80	128.00	\$716.80				
2564.603	24" SOLID LINE YELLOW-PAINT	LN FT	\$2.00	147.00	\$294.00			147.00	\$294.00				
2564.603	4" SOLID LINE WHITE-PAINT	LN FT	\$0.16	18281.00	\$2,924.96			18281.00	\$2,924.96				
2564.603	4" SOLID LINE YELLOW-PAINT	LN FT	\$0.17	5404.00	\$918.68			5404.00	\$918.68				
2564.603	4" DOUBLE SOLID LINE YELLOW-PAINT	LN FT	\$0.34	6532.00	\$2,220.88			6532.00	\$2,220.88				
2564.603	24" SOLID LINE WHITE-PAINT	LN FT	\$2.50	100.00	\$250.00			100.00	\$250.00				
2564.603	24" SOLID LINE WHITE-POLY PREFORMED	LN FT	\$13.84	159.00	\$2,200.56	15.00	\$207.60	128.00	\$1,771.52	16.00	\$221.44		
2564.618	SIGN PANELS TYPE C	SQ FT	\$23.00	292.69	\$6,731.87	103.44	\$2,379.12	154.00	\$3,542.00	35.25	\$810.75		
2564.618	ZEBRA CROSSWALK-WHITE POLY PREFORMED	SQ FT	\$8.23	792.00	\$6,518.16	108.00	\$888.84	576.00	\$4,740.48	108.00	\$888.84		
2564.618	ZEBRA CROSSWALK-WHITE PAINT	SQ FT	\$1.80	576.00	\$1,036.80			576.00	\$1,036.80				
2565.511	FULL T ACT T CONTROL SIGNAL SYSTEM	SIG SYS	\$180,000.00	1.00	\$180,000.00			1.00	\$180,000.00				
2564.601	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$8,000.00	1.00	\$8,000.00			1.00	\$8,000.00				
2564.601	TRAFFIC CONTROL INTERCONNECTION	LUMP SUM	\$20,000.00	1.00	\$20,000.00			1.00	\$20,000.00				
2572.501	TEMPORARY FENCE	LN FT	\$1.75	5126.00	\$8,970.50			4651.00	\$8,139.25	475.00	\$831.25		
2573.502	SILT FENCE, TYPE MACHINE SLICED	LN FT	\$2.50	57.00	\$142.50			57.00	\$142.50				
2573.530	INLET PROTECTION TYPE A	EACH	\$100.00										
2573.530	INLET PROTECTION TYPE C	EACH	\$75.00										
2573.603	BOROLL	LN FT	\$2.00										

S.A.P. 02-678-18
 CSAH 78 (Hanson Boulevard), Between 335' N. of C.R. 18 and 234' S. of 154th Lane.
 Contract No. 2005-0552

Date 11/30/06

Schedule I (Revised)

Item Number	Description	Unit	Unit Price	Project Total		City of Andover Non-Participating CSAH 78 Roadway (GROUP 1)		Anoka County S.A.P. 02-678-18 CSAH 78 Roadway (GROUP 2)		City of Andover S.A.P. 198-020-26 CSAH 78 Turn Lane (GROUP 3)		Independent School District 11 (GROUP 4)	
				Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost	Final Quantity	Final Cost
2575.501	SEEDING	ACRE	\$340.00	2.40	\$816.00	0.58	\$197.20	1.55	\$527.00	0.27	\$91.80		
2575.505	SODDING TYPE SALT RESISTANT	SQ YD	\$2.15	4314.00	\$9,275.10	1126.00	\$2,420.90	3080.00	\$6,622.00	108.00	\$232.20		
2575.511	MULCH MATERIAL TYPE 1	TON	\$110.00	2.00	\$220.00	0.30	\$33.00	1.40	\$154.00	0.30	\$33.00		
2575.519	DISK ANCHORING	ACRE	\$85.00	0.70	\$59.50	0.10	\$8.50	0.50	\$42.50	0.10	\$8.50		
2575.523	EROSION CONTROL BLANKET CATEGORY 2	SQ YD	\$1.40	8034.00	\$11,247.60	2344.00	\$3,281.60	5059.00	\$7,082.60	631.00	\$883.40		
2575.531	COMMERCIAL FERT ANALYSIS 22-5-10	POUND	\$0.40	500.00	\$200.00	120.00	\$48.00	325.00	\$130.00	55.00	\$22.00		
2575.608	SEED MIXTURE 250	LBS	\$3.00	250.00	\$750.00	60.00	\$180.00	162.50	\$487.50	27.50	\$82.50		
2580.603	INTERIM PAVEMENT MARKINGS	LIN FT	\$1.00										
2581.501	REMOVABLE PREFORMED PLASTIC MARKING	LIN FT	\$1.00	5738.00	\$5,738.00			5738.00	\$5,738.00				
	BACKSHEET ADJUSTMENTS												
2563.621	ADDITIONAL TRAFFIC CONTROL DEVICES	LS/S	\$1.00	2044.76	\$2,044.76			2044.76	\$2,044.76				
2360.621	BITUMINOUS DENSITY INCENTIVE/DISCINCENTIVE	LS/S	\$1.00	1632.25	\$1,632.25			1536.59	\$1,536.59	115.66	\$115.66		
2360.621	PAVEMENT SMOOTHNESS INCENTIVE/DISCINCENTIVE	LS/S	\$1.00	1575.00	\$1,575.00			1464.75	\$1,464.75	110.25	\$110.25		
	WORK ORDERS												
W.O. #1	CONCRETE BARRIER REFLECTORS	EACH	\$4.95	62.00	\$306.90			62.00	\$306.90				
W.O. #2	MUCK EXCAVATION	LS/S	\$1.00	3094.15	\$3,094.15			3094.15	\$3,094.15				
W.O. #3	SELECT GRANULAR BORROW	CU YD	\$8.80	1954.00	\$17,195.20			1874.00	\$16,491.20	80.00	\$704.00		
W.O. #4	15" CM PIPE CULVERT & APRONS	LS/S	\$1.00	2618.06	\$2,618.06			2618.06	\$2,618.06				
W.O. #5	PVC HANDHOLE	EACH	\$800.00	1.00	\$800.00			1.00	\$800.00				
W.O. #6	CONCRETE CURB & GUTTER, DESIGN B418 (HIGH EARLY)	L.F.	\$2.20	2705.00	\$5,951.00			2705.00	\$5,951.00				
W.O. #6	CONCRETE CURB & GUTTER, DESIGN B424 (HIGH EARLY)	L.F.	\$4.80	257.00	\$1,233.60			156.00	\$748.80	101.00	\$484.80		
W.O. #6	CONCRETE CURB & GUTTER, DESIGN B612 (HIGH EARLY)	L.F.	\$3.80	26.00	\$98.80			19.00	\$72.20	7.00	\$26.60		
W.O. #7	HYDRAULIC SOIL STABILIZER TYPE 5	POUND	\$0.72	2000.00	\$1,440.00			1820.00	\$1,310.40	180.00	\$129.60		
W.O. #8	RECONSTRUCT STORM SEWER MANHOLE	LS/S	\$1.00	1537.11	\$1,537.11			1537.11	\$1,537.11				
W.O. #9	BITUMINOUS PATCHING	LS/S	\$1.00	2057.49	\$2,057.49			2057.49	\$2,057.49				
W.O. #10	BITUMINOUS MILLING	LS/S	\$1.00	2385.43	\$2,385.43			2385.43	\$2,385.43				
	SUPPLEMENTAL AGREEMENTS												
S.A. #2	MOBILIZATION	LUMP SUM	\$4,700.00	1.00	\$4,700.00			1.00	\$4,700.00				
S.A. #2	SALVAGE RC APRONS	EACH	\$350.00	10.00	\$3,500.00			10.00	\$3,500.00				
S.A. #2	SALVAGE CM PIPE	LIN FT	\$10.00	90.00	\$900.00			90.00	\$900.00				
S.A. #2	SALVAGE 15" CM SAFETY APRON & GRATE	EACH	\$150.00	2.00	\$300.00			2.00	\$300.00				

S.A.P. 02-678-18

Date _____

Schedule I (Revised)

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