

**JOINT POWERS AGREEMENT
FOR THE INTERSECTION IMPROVEMENT PROJECT
AT THE INTERSECTION OF
COUNTY STATE AID HIGHWAY 78 (HANSON BLVD. NW) AND
COUNTY STATE AID HIGHWAY 20 (CONSTANCE BLVD. NW/161ST AVE NW)
IN THE CITY OF ANDOVER, MN
(SP 002-678-020, CP 11-25)**

THIS AGREEMENT is made and entered into this _ day of _____, 2013 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 "City".

WITNESSETH

WHEREAS, the parties to this agreement agree it is in the best interest of the traveling public to improve the intersection of County State Aid Highway (CSAH) 78 (Hanson Blvd. NW) and County State Aid Highway (CSAH) 20 (Constance Blvd. /161st Ave NW) and,

WHEREAS, said parties mutually agree that the intersection of CSAH 78 (Hanson Blvd NW) and CSAH 20 (Constance Blvd/161st Ave NW) is in need of improvement; and,

WHEREAS, the County has prepared preliminary design plans for the intersection improvement of CSAH 78 (Hanson Blvd NW) and CSAH 20 (Constance Blvd./161st Ave. NW) 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 CSAH 78 and CSAH 20 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 adding right and left turn lanes and a signal system as described in the preliminary design plans. The County project number for the reconstruction is SP 002-678-020 the City project number is CP 11-25. 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. 002-678-020 at the intersection of CSAH 78 (Hanson Blvd NW) and CSAH 20 (Constance Blvd NW/161st Ave NW) 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 September 19, 2013 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 002-678-020, City project number CP 11-25, in conformance with proposed engineering plans and specifications.

IMPROVEMENTS

It is agreed by the parties that in 2014 left turn lanes and a traffic signal will be constructed at the intersection of CSAH 78 (Hanson Blvd NW) and CSAH 20 (Constance Blvd. NW/161st Ave NW to the extent shown in "Exhibit A". Improvements include but are not limited to: roadway widening, traffic signal construction, right and left turn lanes, pavement reclamation and mill & overlay. The costs of these improvements have been estimated for this agreement and will be finalized after bids have been received. These costs will be shared by the County and the City.

RIGHT OF WAY:

The parties agree that the County will acquire all necessary right-of-way and easements for the Project. Acquisition of any additional right-of-way and/or easements needed for improvements to the City street intersections beyond what is defined in the Exhibit "A" Layout will be the responsibility of the City. 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.

TRAFFIC SIGNALS:

The parties agree that a new traffic control signal will be constructed with this project. The parties agree that the cost of constructing the signal shall be standard County cost share, with 100% of the EVP costs and 50% of the traffic signal costs to the City, and 50% of the traffic signal costs to the County.

Following construction, the ongoing traffic signal maintenance will be consistent with Anoka County warranted traffic signal maintenance practices, with the County 100 % responsible for all ongoing traffic signal maintenance, the City reimbursing the County 100% for all ongoing EVP maintenance, the City 100% responsible for all luminaire maintenance, and 100% responsible for the ongoing supply of electrical power for the traffic signal system.

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.

TRAFFIC CONTROL:

The parties understand and agree that CSAH 78(Hanson Blvd NW) and the west leg of CSAH 20 (161st Ave.) will be open to thru traffic during construction and that the east leg of CSAH 20 (Constance Blvd. NW/161st Ave.) will be closed to traffic during construction. The east leg of CSAH 20 (Constance Blvd NW/161st Ave.) will be detoured onto Crosstown Blvd. NW. 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 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 plan sheets and specifications 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 December 2, 2013. Maintenance of any landscaping/streetscaping will be the sole responsibility of the City.

UTILITIES:

The parties agree that the Exhibit "A" Layout does not include specific proposed utility locations. The City will be responsible for the design of any sanitary sewer and water main improvements and/or relocations due to road reconstruction, which will be incorporated into the project bid documents. The cost of the design of these features shall be the responsibility of the City. The cost of construction of these features shall be the responsibility of the City. In areas where relocations are solely due to road reconstruction federal funds shall be applied. The City's design of the sanitary sewer and water main utilities are to include signed plans, specifications, and estimated quantities and cost. All construction documents must be submitted to the County by December 2, 2013.

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, Lower Rum River Watershed Management Organization, 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.)

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 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 \$1,417,388.26 (Federally eligible portion). Federal funds available for the Project are capped at \$842,400.00. 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.

The total estimated construction cost to the City is \$136,879.46 (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 \$55,527.54 (\$136,879.46, minus \$81,351.92), 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 \$136,879.46. The estimated cost to the City for construction engineering is \$10,950.36. In summary, the total City share of this project is \$66,477.90 (includes construction and construction engineering costs). The total cost to the City after federal funds have been applied including construction engineering is * \$66,477.90 (see summary below).

*($\$136,879.46 - \$81,351.92 + \$10,950.36 = \$66,477.90$, 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 \$63,154.03. 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.

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 percent (95%) charged to the city 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 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. 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 and cause the installation of an adequate electrical power source to the service cabinet for the previously mentioned CSAH 78 traffic control signal system 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.

X. MAINTENANCE

- A. Maintenance of the completed storm sewer (except catch basins and catch basin leads) and, detention basins (including ponds and their outlet structures and grit chambers/collectors) shall be the sole obligation of the City.
- B. Maintenance of all sidewalks, including snow plowing, shall be the sole responsibility of the City.
- C. Maintenance of the bituminous trails located 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 and shall be responsible for long-term maintenance, such as bituminous overlays, crack sealing and replacement.
- D. Maintenance of crosswalk pavement markings on City streets shall be the responsibility of the City. The County will be responsible for all crosswalk pavement markings for the crossings at all County streets.
- E. Maintenance of streetlights and cost of electrical power to the streetlights shall be the sole obligation of the City.
- F. Maintenance of the completed traffic control signals and signal equipment at the intersection of CSAH 78 (Hanson Blvd NW) and CSAH 20 (Constance Blvd NW/161st Ave) shall be the sole obligation of the County.
- G. The County shall maintain the said traffic signal controllers, traffic signals and pedestrian indications, loop detectors and associated wiring of the said traffic control signals at the sole

obligation of the County.

- H. Painting of the traffic signal shall be the sole obligation of the County. Any variation of painting color standards will be billed to the City.
- I. Timing of the traffic signal shall be determined by the County.
- J. Only the County shall have access to the controller cabinet.
- K. The traffic control signal shall be the property of the County.
- L. The City shall be responsible for maintenance of the luminaries, luminaire relamping, and luminaire painting.
- M. 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.
- N. 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.
- O. Malfunctions of the EVP System shall be immediately reported to the County.
- P. All timing of said EVP System shall be determined by the County.
- Q. 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.

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

XII. 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.

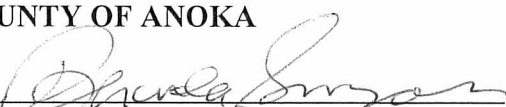
XIII.

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: 
Rhonda Sivarajah, Chair
Board of Commissioners


Dated: 12-31-13

ATTEST

By: 
Jerry Soma
County Administrator

Dated: 12-31-13

RECOMMENDED FOR APPROVAL

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

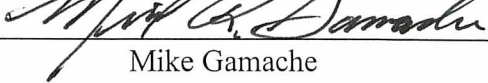
Dated: 12/18/13

APPROVED AS TO FORM


By:  
For Dan Klint
Assistant County Attorney

Dated: 1-2-14

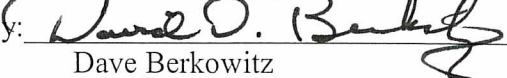
CITY OF ANDOVER

By: 
Mike Gamache
Mayor


Dated: 11/19/13

By: 
Jim Dickinson
City Administrator

Dated: 11-6-13

By: 
Dave Berkowitz
Director of Public Works/City Engineer

Dated: 11/6/13

By: 
Scott Baumgartner
City Attorney

Dated: 11/19/13

EXHIBIT "C"

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>
Concrete Curb & Gutter	50%	50%
Concrete Curb & Gutter for Median 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 & replacements (communities larger than 5,000) w/ State Aid approved SJR	½ the cost of it's 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, 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%* ⁵	0%* 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 If previously notified, the City shall be responsible for future noise wall maintenance. 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. The County shall pay 100% of Standard Noise Wall Cost. If a local agency requests decorative noise walls, then the requesting agency will pay the additional cost above the cost of standard noise wall. Furthermore, should an agency request a noise wall to be built where not required by the applicable federal or state standard, the entire cost of the wall shall be borne by the requesting agency.

CONSTRUCTION COST ESTIMATE - SEPTEMBER 19, 2013

TAB	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITIES ESTIMATED	UNIT COST	TOTAL	PARTICIPATING FEDERAL FUNDS				NON-PARTICIPATING LOCAL FUNDS	
							ANOKA COUNTY 002-689-020 ROADWAY QUANTITIES ESTIMATED	ANOKA COUNTY TOTAL	CITY OF ANDOVER 000-000 ROADWAY QUANTITIES ESTIMATED	CITY OF ANDOVER TOTAL	ANOKA COUNTY 002-622-032 ROADWAY QUANTITIES ESTIMATED	ANOKA COUNTY TOTAL
	2021.501	MOBILIZATION	LUMP SUM	1	\$ 99,378.20	\$ 99,378.20	0.64	\$ 64,025.44	0.07	6,844	0.29	\$ 28,508.79
A	2101.502	CLEARING	TREE	9	\$ 120.00	\$ 1,080.00	9	\$ 1,080.00				
A	2101.507	GRUBBING	TREE	9	\$ 30.00	\$ 270.00	9	\$ 270.00				
C	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	143	\$ 3.50	\$ 500.50	73	\$ 255.50			70	\$ 245.00
B, C	2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	434	\$ 5.00	\$ 2,170.00	151	\$ 755.00			283	\$ 1,415.00
	2104.523	SALVAGE SIGN TYPE C	EACH	39	\$ 30.00	\$ 1,170.00	18.33	\$ 549.90			20.67	\$ 620.10
	2104.523	SALAVAGE SIGN TYPE D	EACH	1	\$ 50.00	\$ 50.00	1.00	\$ 50.00				
EW1	2105.501	COMMON EXCAVATION	CU YD	7,488	\$ 8.00	\$ 59,904.00	7,488	\$ 59,904.00				
EW1	2105.505	MUCK EXCAVATION	CU YD	15,381	\$ 10.00	\$ 153,810.00	15,381	\$ 153,810.00				
EW1	2105.521	GRANULAR BORROW (LV)	CU YD	20,871	\$ 10.00	\$ 208,710.00	20,871	\$ 208,710.00				
EW1	2105.522	SELECT GRANULAR BORROW (LV)	CU YD	879	\$ 12.00	\$ 8,148.00	679	\$ 8,148.00				
	2130.501	WATER	M GALLONS	56	\$ 30.00	\$ 1,680.00	30	\$ 890.40			26	\$ 789.60
B, C	2232.501	MILL BITUMINOUS SURFACE (2.0")	SQ YD	165	\$ 15.00	\$ 2,475.00	55	\$ 825.00			110	\$ 1,650.00
B	2331.604	BITUMINOUS PAVEMENT RECLAMATION	SQ YD	45,337	\$ 2.00	\$ 90,674.00	15,962	\$ 31,924.00			29,375	\$ 58,750.00
C, E	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	3,346	\$ 2.50	\$ 8,365.00	1,860	\$ 4,650.00			1,486	\$ 3,715.00
C, E	2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	5,787	\$ 70.00	\$ 405,090.00	2,980	\$ 208,600.00			2,807	\$ 196,490.00
E	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	7,558	\$ 70.00	\$ 529,060.00	4,245	\$ 297,150.00			3,313	\$ 231,910.00
D	2531.618	TRUNCATED DOMES	SQ FT	128	\$ 40.00	\$ 5,120.00	96	\$ 3,840.00			32	\$ 1,280.00
D	2531.618	PEDESTRIAN CURB RAMP	SQ FT	1,226	\$ 6.00	\$ 7,356.00	640	\$ 3,840.00			586	\$ 3,516.00
E	2535.501	BITUMINOUS CURB	LIN FT	275	\$ 20.00	\$ 5,500.00	275	\$ 5,500.00				
	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$ 30,000.00	\$ 30,000.00	0.48	\$ 14,384.51	0.05	1,535.49	0.47	\$ 14,100.00
	2564.531	SIGN PANELS TYPE C	SQ FT	253	\$ 50.00	\$ 12,650.00	134	\$ 6,704.50			119	\$ 5,945.50
	2565.511	TRAFFIC CONTROL SIGNAL SYSTEM	EACH	1	\$ 250,000.00	\$ 250,000.00	0.5	\$ 125,000.00	0.5	125,000.00		
	2565.601	EMERGENCY VEHICLE PREEMPTION SYSTEM	EACH	1	\$ 7,000.00	\$ 7,000.00	0.5	\$ 3,500.00	0.5	3,500.00		
F	2573.502	SILT FENCE, TYPE MACHINE SLICED	LIN FT	3,148	\$ 2.00	\$ 6,296.00	3,148	\$ 6,296.00				
F	2573.530	STORM DRAIN INLET PROTECTION	EACH	17	\$ 150.00	\$ 2,550.00	7	\$ 1,050.00			10	\$ 1,500.00
F	2575.501	SEEDING	ACRE	3.3	\$ 130.00	\$ 431.60	2.4	\$ 308.10			1.0	\$ 123.50
F	2575.502	SEED MIXTURE 310	POUND	88	\$ 2.50	\$ 220.25	88	\$ 220.25				
F	2575.502	SEED MIXTURE 350	POUND	184	\$ 2.50	\$ 460.00	106	\$ 265.00			78	\$ 195.00
F	2575.511	MULCH MATERIAL TYPE 3	TON	3.3	\$ 200.00	\$ 664.80	1.4	\$ 284.00			1.9	\$ 380.80
F	2575.519	DISK ANCHORING	ACRE	1.7	\$ 100.00	\$ 165.80	0.7	\$ 71.00			0.9	\$ 94.80
F	2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	6,065	\$ 2.00	\$ 12,130.00	5,940	\$ 11,880.00			125	\$ 250.00
F	2575.532	FERTILIZER TYPE 3	POUND	488	\$ 1.00	\$ 487.90	348	\$ 348.20			140	\$ 139.70
F	2575.571	RAPID STABILIZATION METHOD 3	MGAL	20	\$ 250.00	\$ 4,975.00	14	\$ 3,550.00			6	\$ 1,425.00
	2581.602	PAVEMENT MESSAGE (LT ARROW) PREFORMED THERMOPLASTIC	EACH	10	\$ 700.00	\$ 7,000.00	10	\$ 7,000.00				
	2581.602	PAVEMENT MESSAGE (RT ARROW) PREFORMED THERMOPLASTIC	EACH	14	\$ 700.00	\$ 9,800.00	10	\$ 7,000.00			4	\$ 2,800.00
	2582.500	ZEBRA CROSSWALK - WHITE PREFORMED THERMOPLASTIC	SQ FT	864	\$ 15.00	\$ 12,960.00	864	\$ 12,960.00				
	2582.502	4" SOLID LINE WHITE-EPOXY	LIN FT	21,084	\$ 1.00	\$ 21,084.00	12,366	\$ 12,366.00			8,718	\$ 8,718.00
	2582.502	4" BROKEN LINE WHITE-EPOXY	LIN FT	600	\$ 0.50	\$ 300.00	0	\$ -			600	\$ 300.00
	2582.502	4" SOLID LINE DOUBLE YELLOW-EPOXY	LIN FT	6,659	\$ 2.00	\$ 13,318.00	4,002	\$ 8,004.00			2,657	\$ 5,314.00
	2582.616	24" STOP LINE WHITE - PREFORMED THERMOPLASTIC	SQ FT	304	\$ 15.00	\$ 4,560.00	304	\$ 4,560.00				
PROJECT TOTAL						1,987,564.05		\$ 1,280,508.80		\$ 136,879.48		\$ 670,176.79

FED ELIGIBLE \$ 1,417,388.26
FED CAP \$ 842,400.00
PERCENT ELIGIBLE 59%

ANOKA COUNTY		CITY OF ANDOVER	
FEDERAL	LOCAL	FEDERAL	LOCAL
\$ 761,048.08	\$ 1,089,636.51	\$ 81,351.92	\$ 55,527.54

002-678-020- CSAH 20 AT CSAH 78 INTERSECTION IMPROVEMENT PROJECT - FUNDING SPLITS									
	PROJECT TOTALS	ANOKA COUNTY TOTALS	ANOKA COUNTY FEDERAL FUNDS	ANOKA COUNTY STATE AID FUNDS	ANOKA COUNTY LOCAL FUNDS	CITY OF ANDOVER TOTALS	CITY OF ANDOVER FEDERAL FUNDS	CITY OF ANDOVER STATE AID FUNDS	CITY OF ANDOVER LOCAL FUNDS
ROADWAY	\$1,987,564.05	\$1,850,684.59	\$761,048.08	\$519,460.72	\$570,175.79	\$136,879.48	\$81,351.92	\$55,527.54	\$0.00
CONSTRUCTION TOTAL	\$1,987,564.05	\$1,850,684.59	\$761,048.08	\$519,460.72	\$570,175.79	\$136,879.46	\$81,351.92	\$55,527.54	\$0.00
8% CONSTRUCTION ENGINEERING	\$159,005.12	\$148,054.77		\$102,440.70	\$45,614.06	\$10,950.36		\$10,950.36	\$0.00
DESIGN ENGINEERING	\$0.00	\$0.00							\$0.00
RIGHT OF WAY	\$0.00	\$0.00							
UTILITY RELOCATION	\$0.00	\$0.00							
PROJECT TOTAL	\$2,146,569.18	\$1,998,739.36	\$761,048.08	\$621,901.43	\$615,789.85	\$147,829.82	\$81,351.92	\$66,477.90	\$0.00

<h2 style="margin: 0;">PRELIMINARY LAYOUT</h2>			
LAYOUT NO. <u>1</u> SECTION NO. <u>1</u> COPY NO. <u>1</u>			
C.S.A.H. 78 INTERSECTION WITH C.S.A.H. 20			
FROM <u>155TH LANE</u> TO <u>2100' NORTH</u> OF C.SAH 20			
AND <u>1,200' WEST</u> OF C.SAH 78 TO CRANE STREET			
PROJECT LENGTH <u>7,680' (COMBINED)</u>			
SECTION 1			
PREPARED: 6/24/13 DESIGN SPEED: 55 M.P.H.	SCALE HORIZ. 1" = 100 FEET		
THE ALIGNMENT AND GRADES SHOWN ON THIS MAP ARE TENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">STAFF APPROVAL</td> </tr> <tr> <td style="padding: 5px;">DATE <div style="border: 1px solid black; width: 100px; height: 30px; display: inline-block;"></div></td> </tr> </table>	STAFF APPROVAL	DATE <div style="border: 1px solid black; width: 100px; height: 30px; display: inline-block;"></div>
STAFF APPROVAL			
DATE <div style="border: 1px solid black; width: 100px; height: 30px; display: inline-block;"></div>			

4/4/2012 1. INITIAL PROJECT LAYOUT COMPLETE APRIL 2012. LAYOUT
FEATURES THE ADDITION OF 300' DEDICATED LEFT TURN LANES
AT ALL APPROACHES, PLUS 300' RIGHT TURN LANES AT
ALL APPROACHES. WIDENING OF THE EXISTING PAVEMENT
WILL BE NECESSARY AT ALL LEGS OF THE INTERSECTION.

8/21/12 2. PROJECT SCOPE TO INCLUDE A RECLAIM / OVERLAY
FROM THE 2005 RECONSTRUCTION PROJECT TO THE END
JUST SOUTH OF EAGLE STREET, AND A RECLAIM / OVERLAY
TO THE BEGINNING OF THE 2012 RECLAIM / OVERLAY PROJECT.

WESTERN LIMITS WILL EXTEND TO THE END OF THE 2011 RECLAIM
/ OVERLAY TERMINUS. EASTERN LIMITS WILL EXTEND TO THE BEGINNING
OF THE 2012 RECLAIM / OVERLAY.

A RIGHT TURN LANE WILL BE ADDED ON WESTBOUND CSAH 20 AT
EAGLE STREET. A RIGHT TURN LANE AND A RIGHT TURN LANE WILL
BE ADDED TO CSAH 78 AT 159TH LANE. RIGHT TURN LANES WILL BE
ADDED FOR EAGLE STREET AND 156TH LANE.

THE OVERLAY SEGMENTS WILL BE FUNDED FROM THE ANOKA COUNTY
2013 OVERLAY BUDGET.

THE TRAFFIC SIGNAL, ALL WIDENING ASSOCIATED WITH THE INTERSECTION
LANE CONFIGURATIONS, AND RECLAIM / OVERLAY ASSOCIATED WITH THE
TRAFFIC SIGNAL LANE CONFIGURATIONS WILL BE FUNDED FROM THE 2014
HSP PROJECT NUMBER S.A.P. 002-678-020.

6/24/13 1. REDUCED BITUMINOUS SHOULDER WIDTH FROM 12' TO 8' IN ALL AREAS.
2. EXISTING AGGREGATE SHOULDER WIDTH FROM 1' TO
2' INCREASING SHOULDER F.I.

