

C0010688

Anoka County Contract No. ~~C00010688~~

**JOINT POWERS AGREEMENT
FOR THE CONSTRUCTION OF A ROUNDABOUT AT
COUNTY ROAD 18 AND NIGHTINGALE ST
IN THE CITY OF ANDOVER, MN
(CP 23-15-18, SP 198-124-004)**

THIS AGREEMENT is made by the parties on the last date executed below, 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 construct a roundabout on County Road 18 (Crosstown Blvd) at Nightingale St and,

WHEREAS, said parties mutually agree that a roundabout on County Road 18 at Nightingale St is needed; and,

WHEREAS, the City has prepared preliminary design plans for a roundabout on County Road 18 at Nightingale St in accordance with Anoka County and the Minnesota Department of Transportation standards to a staff approved layout condition; and,

WHEREAS, Anoka County has jurisdiction over County Road 18 at Nightingale St 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 trail, on CR 18 (Crosstown Blvd) at Nightingale St., as described in the preliminary design plans (the "Project"). The City and County project numbers are noted in the caption above. 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 the Project 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 December 31, 2024 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

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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. METHODS

The City shall cause the construction of the Project.

IMPROVEMENTS:

It is agreed by the parties that in 2025, a roundabout will be constructed on CR 18 at Nightingale St to the extent shown in "Exhibit A".

INTERSECTIONS:

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

CR 18 / Nightingale St: Roundabout

RIGHT OF WAY:

The parties agree that the City 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 County Road beyond what is defined in the Exhibit "A" Layout will be the responsibility of the County. It is agreed by the parties that all necessary right of way and easements will be in legal possession of the City prior to acceptance of bids for the project. Any County owned property or easements required for the construction will be conveyed to the City at no cost.

BITUMINOUS TRAIL:

The parties agree that the construction of the bituminous trail eligible for federal funds and that the City will be responsible for the local match in areas where no trail exists, and the County will be responsible for the local match where a trail currently exists. This trail location has been agreed to by the City. If this location changes in the future, the additional costs associated with this change will be the responsibility of the City.

The parties understand that the cost for the trail includes: bituminous surfacing, aggregate base, excavation (including muck excavation), borrow material (granular and topsoil), and turf establishment. The parties agree that the City will pay for the design of the trail, wetland mitigation required by impacts caused by the trail, the additional right of way and easements required to construct the trail at the proper location, and any removal items, with the exception of any soil correction in areas of existing trails, required to construct the trail.

TRAFFIC CONTROL:

The parties understand and agree that portions of CR 18 will be closed to thru traffic during construction. The parties agree and understand the cost share for traffic control for the city shall be a prorated share based on the city project cost divided by the total project cost.

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DRIVEWAYS:

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

LANDSCAPING/STREETSCAPING:

The parties agree that if the City wishes to include landscaping or streetscape features in the project, they shall be designed in accordance with Anoka County Highway Department Landscape/Streetscape Guidelines. The total cost of the design as well as the construction cost will be at the expense of the City. Future maintenance of any landscaping/streetscaping will be the sole responsibility of the City.

PERMITS:

The parties agree that the City will secure all necessary permits for this Project. The County agrees to coordinate with the City in securing the permits required by the Coon Creek Watershed District, as well as any county permits that may be required.

III. ROUNDAABOUT LIGHTING, STREETLIGHTS, RRFBs, AND MAINTENANCE:

A. ROUNDAABOUT LIGHTING

The parties agree that the roundabout intersection lighting construction costs will be shared per the standard County cost share for traffic signals, with the City paying for 67% of the roundabout lighting and the County paying 33%. The County has agreed to use County funds for the purchase of CR 18/Nightingale St roundabout lighting. The estimated cost for the lighting is \$81,300. This cost will count towards the County's required cost participation as set forth in Section III. below.

Following the reconstruction, the ongoing roundabout lighting maintenance at CR 18/Nightingale St, will be consistent with Anoka County warranted traffic signal maintenance practices, with the City being 100% responsible for the ongoing supply of electrical power for the lighting system. However, as for long-term maintenance of roundabout lighting, those costs will have the same cost share as the roundabout lighting construction costs, with the City responsible for 67% and the County responsible for 33%. The City is having Connexus Energy install and maintain the lights over their 25 year lifespan. The City has a maintenance agreement with Connexus Energy that states that these costs are estimated to be \$10.00 per month per light with adjustments allowed for electrical rate increases. The County has agreed to pre-pay their share of the 25-year maintenance costs upfront to the City, in lieu of being billed monthly. For cost share purposes, the figure of \$10/light for 10 lights (for 25 years) has been used; however, once exact numbers and costs are known from Connexus, the parties agree to adjust the County's pre-payment of costs to match actual costs. This total estimated cost is \$9,900 (calculated as 10 lights x \$10/mo x 33% x 300 months), which remains subject to adjustment. At the end of the 25-year lifespan, or when it is determined that the lighting needs replacement, the City and County will renegotiate this agreement with respect to maintenance costs of the roundabout lighting only. If replacement of lights located at CR 18/Nightingale St. occurs within the 25-year lifespan, the County will receive credit for the months of maintenance that were pre-paid under this Agreement, to be applied toward future maintenance costs of roundabout lighting.

B. STREETLIGHTS

If the City would like additional lighting on the Project, that additional lighting would be at 100% City cost. Lighting will be installed in accordance with the City lighting ordinance and will contain LED fixtures wherever possible, provided such lighting is within the budget for the Project.

Maintenance of city streetlights and the cost of electrical power to the streetlights shall be the sole obligation of the City. The City will be responsible for long-term maintenance of the complete streetlight system including items such as: poles, fixtures, luminaires, and control cabinets.

C. RECTANGULAR RAPID FLASHING BEACONS (RRFBs) / ELECTRICAL POWER

The parties acknowledge that the City wishes to include RRFBs on the CR 18/Nightingale roundabout. The City shall, at its own expense, install or cause the installation of adequate electrical power source for the previously mentioned street lighting and the RRFB systems, including any necessary extension of power lines. The City 100% responsible for the ongoing supply of electrical power. The parties agree that the RRFBs are not warranted so the City will be responsible for 100% of the construction costs related to RRFBs. The County will be responsible for all ongoing RRFB maintenance at the CR 18/Nightingale roundabout on a 100% reimbursable basis, with the City billed quarterly for 100% of all costs incurred by the County.

IV. UTILITIES, WATER, DRAINAGE, SANITARY SEWER:

The parties agree that the Exhibit "A" Layout does not include specific proposed utility locations, as those will be determined during later stages of the design process. The City will be responsible for the design of any sanitary sewer and watermain improvements and utility relocations, if any, due to the road reconstruction, which will be incorporated into the Project bid documents. The cost of the design of these items shall be the sole responsibility of the City. In areas where relocations are solely due to the road reconstruction, federal funds may be applied.

The City shall pay for a percentage of the cost of construction of the storm sewer system improvements, 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. Maintenance of any completed watermain, sanitary sewer, 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.

V. COSTS

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

The low-bid construction cost of the total project is \$1,444,667.63. The estimated lighting costs for the project is \$81,300.

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Federal funds available for the Project are capped at \$1,902,600.00. 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 County is \$1,071,968.29 (prior to application of federal funds available). After federal funding percentage is applied, the cost to the County for their share of the construction items of the Project is \$107,196.83 (\$1,071,968.29, minus \$964,771.46, the federal funds available to the County). The County share of the lighting costs is \$27,100.00. The County's lump sum payment for estimated lighting maintenance (over 25 years) is \$9,900.00.

The County participation in construction engineering will be at a rate of eight percent (8%) of their designated construction share of \$1,071,968.29. The estimated cost to the County for construction engineering is \$85,757.46. In summary, the total County share of this project is \$1,194,725.75 (includes construction, construction engineering, lighting and lighting maintenance costs of \$9,900). The total cost to the County after federal funds have been applied including construction engineering is * \$227,954.26 (see summary below).

*($\$1,071,968.29 - \$964,771.46 + \$85,757.46 + \$27,100.00 + \$9,900.00 = \$229,954.26$. note: construction engineering and lighting costs are not federally eligible)

Upon award of the contract the County shall pay to the City, upon written demand by the City, \$216,575.54 which is ninety five percent (95%) of its portion of the cost of the project, estimated at \$227,974.26. Prior to billing, this estimate will be updated by the City to reflect the actual bid prices as awarded. An updated cost estimate shall be provided to the County at the time of billing. The County's share of the cost of the project shall include only construction, lighting and construction engineering expense and does not include engineering design and administrative expenses incurred by the City.

After final completion of the project the County's share of the construction cost will be based upon actual construction costs. If necessary, adjustments to the initial ninety five percent (95%) charged will be made in the form of credit or additional charges to the County's share. Also, the remaining five percent (5%) of the County's portion of the construction costs shall be paid plus or minus any adjustments to the final lump sum lighting maintenance payment.

The City agrees to submit to the County for review final quantities and cost within one year of project substantial completion.

VI. TERM / TERMINATION

This Agreement shall become effective immediately upon execution, and will remain in effect until the Project and all restoration activities are completed, *with exception* of the ownership and short or long-term maintenance provisions within this Agreement, which survive termination and shall continue so long as the improvements are in public use.

VII. 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.

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VIII. CONTRACTS AND PURCHASES

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

IX. 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.

X. OTHER MAINTENANCE

- A. Maintenance of the bituminous trail 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. The City shall also be responsible for long-term maintenance, such as bituminous overlays, crack sealing and replacement.
- B. Maintenance of the CR 18/Nightingale St roundabout crosswalk pavement markings shall be the responsibility of the County. The City will be responsible for crosswalk pavement markings for any trail/sidewalk crossings at all other city streets.
- C. The City shall be responsible for the maintenance and up-keep of the center islands located within the roundabout.

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 Administrator of Andover, 1685 Crosstown Blvd NW, Andover, MN 55304, on behalf of the City. Electronic notice (email) is permitted so long as receipt is acknowledged by the recipient.

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 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.

XIV. COUNTERPARTS

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

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

COUNTY OF ANOKA

CITY OF ANDOVER

Signed by:
By: Jim Dickinson 5/13/2025
123E007D85503407...
Jim Dickinson
County Administrator

By: [Signature]
Jamie Barthel
Mayor

Dated: 4/15/25

By: [Signature]
Sarah Cotton
City Administrator

Dated: 4/15/25

RECOMMENDED FOR APPROVAL:

DocuSigned by:
By: Joe MacPherson 5/13/2025
A93442ADA7B14FB...
Joseph J. MacPherson, P.E.
Transportation Division Manager

By: [Signature]
David D. Berkowitz
Director of Public Works/City Engineer

Dated: 4/16/25

APPROVED AS TO FORM AND EXECUTION:

DocuSigned by:
By: Christine Carney 5/13/2025
DB9E1565EA48453...
Christine V. Carney
Assistant County Attorney

By: [Signature]
Scott Baumgartner
City Attorney

Dated: 4/18/25

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EXHIBIT "A"

Layout

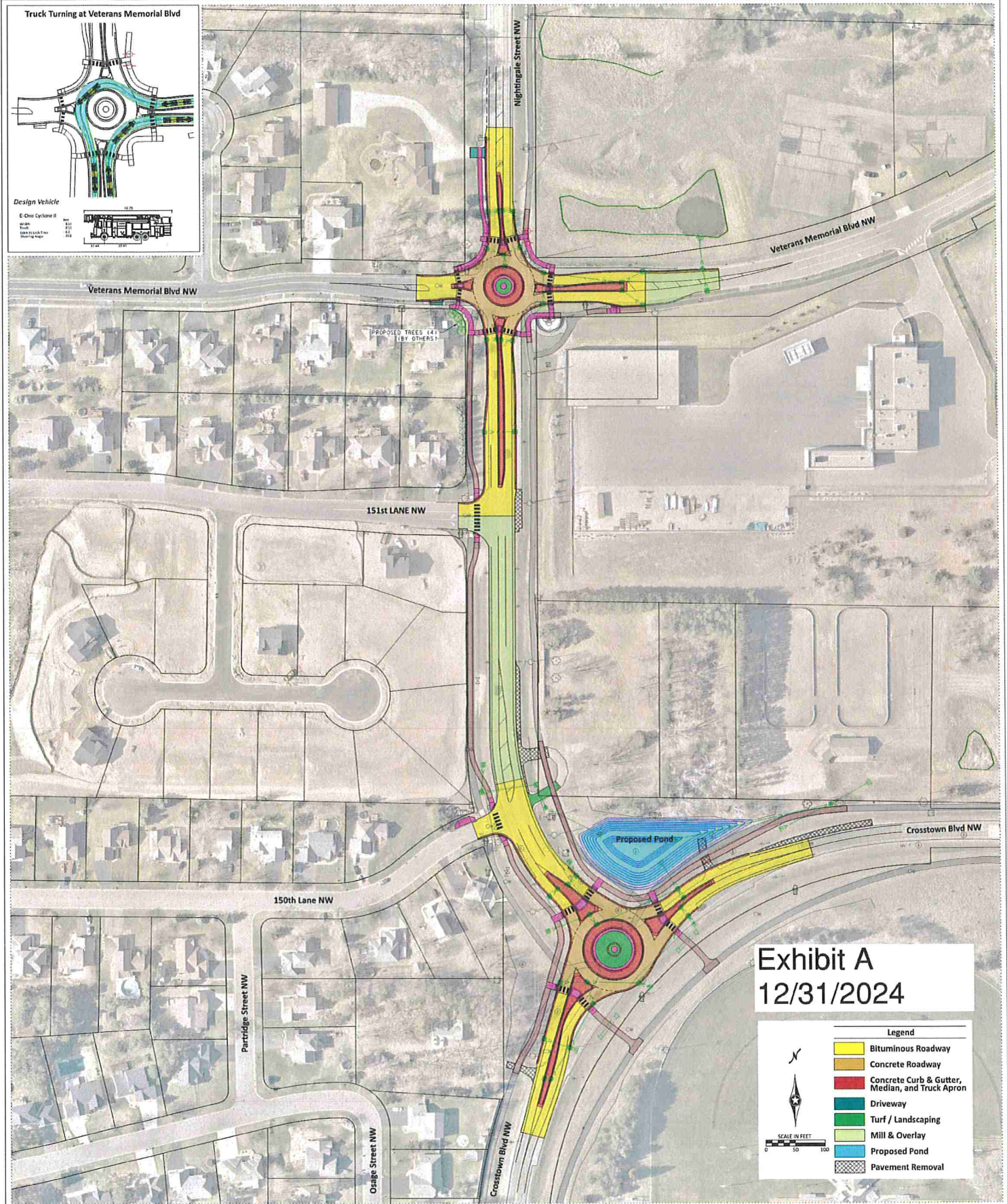


Exhibit A
12/31/2024

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EXHIBIT "B"

Cost Distribution Spreadsheet

LOW BID COST

Project: Nightingale Street NW Roundabouts
 Location: Anover, MN
 Project No.: SP 198-124-003, SP 198-124-004
 WSB 022965-000
 Date: 03/28/2023

STATEMENT OF ESTIMATED QUANTITIES

ITEM NUMBER	EXTENSION	DESCRIPTION	NOTES	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING - FEDERAL - SP 198-124-003				PARTICIPATING - FEDERAL - SP 198-124-004				NON-PARTICIPATING				
						Estimated Quantity	Estimated Cost	CITY OF ANDOVER		STORM SEWER		ANDRA COUNTY		CITY OF ANDOVER		STORM SEWER (CITY 55%/COUNTY 45%)		LOCAL FUNDING		
								Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	
1507.601	00001	UTILITY COORDINATION		LUMP SUM	\$5,500.00	1	\$5,500.00	0.35	\$1,925.00	0.05	\$275.00	0.38	\$2,000.00	0.09	\$495.00	0.00	\$440.00	0.05	\$275.00	
2021.501	00010	MOBILIZATION		LUMP SUM	\$128,000.00	1	\$128,000.00	0.35	\$44,800.00	0.05	\$6,400.00	0.38	\$48,640.00	0.09	\$11,520.00	0.00	\$10,240.00	0.05	\$6,400.00	
2101.502	00030	GRUBBING	(1)	EACH	\$600.00	6	\$4,800.00	3	\$1,800.00					3	\$2,400.00					
2101.505	00030	GRUBBING	(1)	ACRE	\$20,000.00	0.2	\$4,000.00							0.2	\$4,000.00					
2104.502	00130	REMOVE PIPE APRON		EACH	\$300.00	16	\$4,800.00	2	\$600.00					14	\$4,200.00				1	\$2,800.00
2104.502	00180	REMOVE HYDRANT		EACH	\$2,800.00	1	\$2,800.00													
2104.502	01110	REMOVE SIGN		EACH	\$40.00	6	\$240.00							6	\$240.00					
2104.502	01990	SALVAGE MAIL BOX SUPPORT	(2)	EACH	\$150.00	2	\$300.00													
2104.502	00205	SAWING BIT PAVEMENT (FULL DEPTH)		LN FT	\$1.00	3032	\$3,032.00	311	\$3,110.00					511	\$5,110.00					
2104.502	00235	REMOVE PIPE CURB/ST		LN FT	\$14.00	455	\$6,370.00	43	\$593.00					412	\$5,778.00					
2104.502	00270	REMOVE WATER MAIN		LN FT	\$16.00	16	\$256.00												16	\$256.00
2104.501	00315	REMOVE CURB & GUTTER		LN FT	\$4.50	1250	\$5,625.00	1247	\$5,611.50					3	\$13.50					
2104.504	00110	REMOVE BITUMINOUS DRIVEWAY PAVEMENT		SQ YD	\$6.50	438	\$2,847.00	50	\$325.00					379	\$2,463.00					
2104.504	00120	REMOVE BITUMINOUS PAVEMENT		SQ YD	\$3.00	1242	\$3,726.00	614	\$1,842.00					628	\$1,884.00					
2104.518	00190	REMOVE BITUMINOUS WALK		SQ FT	\$0.75	22788	\$17,091.00	7785	\$5,838.75					15,003	\$11,252.25					
2104.518	00140	REMOVE CONCRETE WALK		SQ FT	\$1.00	1352	\$1,352.00	678	\$678.00					674	\$674.00					
2104.518	00220	REMOVE CONCRETE MEDIUM		SQ FT	\$1.00	1697	\$1,697.00	1697	\$1,697.00											
2106.507	00010	EXCAVATION - COMMON	(F)	CU YD	\$17.00	9473	\$163,041.00	4997	\$85,049.00					3376	\$57,372.00					
2106.507	00040	EXCAVATION - SUBGRADE	(F)	CU YD	\$3.00	5750	\$17,250.00	3040	\$9,120.00					2710	\$8,130.00					
2106.507	00050	EXCAVATION - CHANNEL AND ROND	(F)	CU YD	\$11.00	4585	\$50,435.00	2585	\$28,435.00					1999	\$21,989.00					
2106.507	00080	SELECT GRANULAR EMBANKMENT (EV)	(F)	CU YD	\$4.00	5917	\$23,668.00	3045	\$12,180.00					2872	\$11,488.00					
2106.507	00130	COMMON EMBANKMENT (CV)	(F)	CU YD	\$11.00	4146	\$45,606.00	1716	\$18,876.00					2430	\$26,730.00					
2106.601	00015	DEWATERING		LUMP SUM	\$1.00	1	\$1.00	1	\$0.50							1	\$0.50			
2106.604	00001	POND LINER	(1A)	SQ YD	\$18.00	957	\$17,226.00							957	\$17,226.00					
2122.610	00420	STREET SWEEPER (WITH PICKUP BROOM)	(A)	HOUR	\$180.00	80	\$14,400.00	40	\$7,200.00					40	\$7,200.00					
2123.610	00440	13 CU YD BACKHOE	(F)	HOUR	\$130.00	80	\$10,400.00	40	\$5,200.00					40	\$5,200.00					
2130.523	00010	WATER	(5)	M GALLON	\$40.00	100	\$4,000.00	50	\$2,000.00					50	\$2,000.00					
2211.507	00170	AGGREGATE BASE (CV) CLASS 5		CU YD	\$46.00	2681	\$123,316.00	1280	\$58,880.00					1094	\$50,436.00					
2211.507	00175	AGGREGATE BASE (CV) CLASS 5 (DRIVEWAY)		CU YD	\$89.00	14	\$1,246.00	14	\$1,246.00											
2231.509	00010	BITUMINOUS PATCHING MIXTURE		TON	\$143.54	11	\$1,578.94	11	\$1,578.94											
2232.504	00060	MILL BITUMINOUS SURFACE (2 D')		SQ YD	\$2.07	2840	\$5,883.80	597	\$1,215.79					2243	\$4,668.01					
2301.502	00010	DOWEL BAR		EACH	\$12.50	3270	\$40,875.00	1300	\$16,250.00					1970	\$24,625.00					
2301.504	00075	CONCRETE PAVEMENT 7.5"		SQ YD	\$80.00	2643	\$211,440.00	1201	\$96,080.00					1442	\$115,360.00					
2360.509	12700	TYPE SP 9.5 WEARING COURSE MIX (2.8) (TRAIL)	(B)	TON	\$301.27	308	\$92,792.16	85	\$25,414.60					228	\$68,377.56					
2360.509	13100	TYPE SP 9.5 WEARING COURSE MIX (3.0)	(B)	TON	\$97.30	1671	\$162,389.10	796	\$77,450.80					603	\$58,928.30					
2360.509	13101	TYPE SP 9.5 WEARING COURSE MIX (3.0) (DRIVEWAY)	(B)	TON	\$243.54	5	\$1,217.70	5	\$1,217.70											
2360.509	21200	TYPE SP 12.5 NON-WEAR COURSE MIX (0.8)	(B)	TON	\$91.79	762	\$69,540.18	303	\$27,810.27					399	\$36,729.90					
2360.509	21600	TYPE SP 12.5 WEARING COURSE MIX (1.1)	(B)	TON	\$96.46	465	\$44,853.90							465	\$44,853.90					
2501.502	05018	18" CS PIPE APRON		EACH	\$750.00	4	\$3,000.00							4	\$3,000.00					
2501.502	05012	12" RC PIPE APRON		EACH	\$1,500.00	2	\$3,000.00													
2501.502	05016	15" RC PIPE APRON		EACH	\$1,700.00	1	\$1,700.00													
2501.502	05021	21" RC PIPE APRON		EACH	\$1,900.00	1	\$1,900.00													
2501.502	05024	24" RC PIPE APRON		EACH	\$2,000.00	2	\$4,000.00													
2501.503	13018	18" CS PIPE CULVERT		LN FT	\$58.00	76	\$4,408.00							76	\$4,408.00					
2501.503	13015	15" RC PIPE SEWER DES 3000 ELV		LN FT	\$72.00	114	\$8,208.00												114	\$8,208.00
2501.503	13015	15" RC PIPE SEWER DES 3000 ELV		LN FT	\$78.00	2154	\$167,912.00			0.51	\$74,334.00								1211	\$96,738.00
2501.503	13012	12" RC PIPE SEWER DES 3000		LN FT	\$110.00	49	\$5,390.00												49	\$5,390.00
2501.503	13012	12" RC PIPE SEWER DES 3000		LN FT	\$130.00	781	\$102,930.00												781	\$102,930.00
2501.602	00120	CONNECT TO EXISTING STORM SEWER		EACH	\$1,000.00	1	\$1,000.00													

LOW BID COST

Project: Nighthawk Street NW Roundabout
 Location: Anover, MN
 Project No.: SP 158-124-001, SP 158-124-004
 W58 023955-000
 Date: 03/28/2025

STATEMENT OF ESTIMATED QUANTITIES

ITEM NUMBER	EXTENSION	DESCRIPTION	NOTES	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING - FEDERAL - SP 158-124-003				PARTICIPATING - FEDERAL - SP 158-124-004				NON-PARTICIPATING			
						Estimated Quantity	Estimated Cost	CITY OF ANDOVER		STORM SEWER		ANKA COUNTY		CITY OF ANDOVER		STORM SEWER [CITY 51%/COUNTY 49%]		LOCAL FUNDING	
								Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2503.603	20300	CLEAN & VIDEO TAPR PPE SEWER		LN FT	\$4.30	2710	\$11,633.00												
2504.601	00001	IRRIGATION SYSTEM		LUMP SUM	\$12,000.00	1	\$12,000.00												
2504.602	00010	CONNECT TO EXISTING WATER MAIN		EACH	\$1,000.00	1	\$1,000.00												
2504.602	00020	HYDRANT		EACH	\$8,400.00	1	\$8,400.00												
2504.602	00034	ADJUST VALVE BOX		EACH	\$6,000.00	10	\$6,000.00												
2504.602	00006	6" GATE VALVE & BOX		EACH	\$3,000.00	1	\$3,000.00												
2504.603	01062	6" WATERMAIN DUCTILE IRON CL 52		LN FT	\$97.00	42	\$4,074.00												
2504.606	00015	WATERMAIN FITTINGS	(13)	POUND	\$13.00	62	\$806.00												
2506.502	00101	CONDT DRAINAGE STRUCTURE DESIGN SPEC 1		EACH	\$2,800.00	8	\$22,400.00			6	\$16,800.00								
2506.502	00100	CASTING ASSEMBLY		EACH	\$725.00	47	\$34,125.00			20	\$14,500.00								
2506.502	00101	ADJUST FRAME & RING CASTING		EACH	\$600.00	6	\$3,600.00												
2506.503	00101	CONDT DRAINAGE STRUCTURE DESIGN B		LN FT	\$275.00	7.6	\$2,090.00												
2506.503	00102	CONDT DRAINAGE STRUCTURE DESIGN H		LN FT	\$475.00	15.8	\$7,500.00												
2506.503	00100	CONDT DRAINAGE STRUCTURE DESIGN 10-48		LN FT	\$935.00	33.6	\$31,296.00			13.6	\$12,716.00								
2506.503	00100	CONDT DRAINAGE STRUCTURE DESIGN 10-40		LN FT	\$1,400.00	3.8	\$5,320.00												
2506.503	00100	CONDT DRAINAGE STRUCTURE DES 48-4020		LN FT	\$470.00	141.5	\$66,505.00			\$4.7	\$36,649.00								
2506.503	01020	CONDT DRAINAGE STRUCTURE DES 60-4020		LN FT	\$930.00	16.0	\$14,880.00												
2511.504	00014	GEOTEXTILE FILTER TYPE 4		SQ YD	\$9.00	81.60	\$734.40												
2511.507	00014	RANDOM W/WRAP GLASS III		CU YD	\$155.00	21.4	\$3,317.00												
2521.518	00040	4" CONCRETE WALK	(8)	SQ FT	\$6.00	9087	\$54,522.00	5670	\$34,020.00			2466	\$15,396.00	851	\$5,106.00				
2521.518	00042	4" CONCRETE WALK SPECIAL	(6)(10)	SQ FT	\$10.50	2338	\$23,499.00	882	\$9,051.00			1376	\$14,448.00						
2521.518	0042A	4" CONCRETE WALK SPECIAL (LANDSCAPING)		SQ FT	\$16.50	197	\$3,250.50												
2521.518	00060	6" CONCRETE WALK	(7)	SQ FT	\$10.00	931	\$9,310.00	342	\$3,420.00			265	\$2,650.00	324	\$3,240.00			137	\$2,550.50
2521.518	00073	7" CONCRETE WALK SPECIAL	(6)	SQ FT	\$15.00	4804	\$72,060.00	1797	\$26,955.00			3007	\$45,105.00						
2521.602	00030	DRILL & GROUT REIN BAR (EPOXY COATED)		EACH	\$20.00	151	\$3,020.00												
2521.618	00400	CONCRETE CURB RAMP WALK		SQ FT	\$12.85	4723	\$60,690.55	2391	\$30,284.35			701	\$9,033.55	1429	\$18,367.65				
2531.503	01080	CONCRETE CURB & GUTTER DESIGN B43B		LN FT	\$20.00	2713	\$54,260.00	1300	\$24,000.00			973	\$19,460.00						
2531.503	01120	CONCRETE CURB & GUTTER DESIGN B424		LN FT	\$13.00	2786	\$36,218.00	1433	\$18,629.00			790	\$10,370.00	583	\$7,579.00				
2531.503	01135	CONCRETE CURB & GUTTER DESIGN B418		LN FT	\$28.50	416	\$11,856.00	416	\$11,856.00										
2531.503	23115	CONCRETE CURB & GUTTER DESIGN B418		LN FT	\$28.50	520	\$14,820.00	205	\$5,842.50			315	\$8,977.50						
2531.503	23110	CONCRETE CURB DESIGN V10		LN FT	\$40.00	42	\$1,680.00												
2531.504	00060	6" CONCRETE DRIVEWAY PAVEMENT		SQ YD	\$136.00	42	\$5,712.00	42	\$5,712.00										
2531.603	14030	CONCRETE SILL		LN FT	\$12.00	2667	\$32,004.00	1472	\$17,664.00			973	\$11,676.00	222	\$2,664.00				
2531.618	00010	TRUNCATED DOWEL		SQ FT	\$65.00	578	\$37,670.00	279	\$18,135.00					299	\$19,435.00				
2540.602	00140	INSTALL MAIL BOX SUPPORT	(2)	EACH	\$150.00	2	\$300.00	2	\$300.00										
2540.618	00020	STONE RETAINING WALL		SQ FT	\$106.46	280	\$29,808.80											280	\$29,808.80
2545.503	01041	1.5" NON-METALLIC CONDUIT		LN FT	\$5.50	260	\$1,430.00											260	\$1,430.00
2545.503	01013	2" NON-METALLIC CONDUIT		LN FT	\$6.50	177	\$1,150.50											177	\$1,150.50
2545.603	00001	3" PVC SCH 40		LN FT	\$9.00	377	\$3,393.00											377	\$3,393.00
2545.601	00122	TEMPORARY LIGHTING SYSTEM		LUMP SUM	\$6,000.00	1.50	\$9,000.00	0.50	\$3,000.00			0.67	\$4,020.00	0.33	\$1,980.00				
2545.502	00002	GUIDE POST TYPE B		EACH	\$60.00	33	\$1,980.00					4	\$240.00					9	\$540.00
2563.601	00010	TRAFFIC CONTROL		LUMP SUM	\$22,000.00	1	\$22,000.00	0.35	\$7,700.00	0.05	\$1,100.00	0.38	\$8,360.00	0.09	\$1,980.00	0.08	\$1,760.00	0.05	\$1,100.00
2563.601	00100	ALTERNATE PEDESTRIAN ROUTE		LUMP SUM	\$1,500.00	1	\$1,500.00	0.35	\$525.00	0.65	\$975.00	0.38	\$570.00	0.09	\$135.00	0.08	\$120.00	0.05	\$75.00
2564.602	01150	DELIMITER / MARKER PANEL		EACH	\$80.00	10	\$800.00	7	\$560.00			3	\$240.00						
2564.618	00010	SIGN		SQ FT	\$100.00	172	\$17,200.00	263	\$26,300.00			309	\$30,900.00						
2564.618	00120	SIGN TYPE SPECIAL		SQ FT	\$45.00	44	\$1,980.00											44	\$1,980.00
2565.616	00051	PEDESTRIAN CROSSWALK FLASHER SYSTEM A		SYSTEM	\$60,000.00	1	\$60,000.00							1	\$60,000.00				

LOW BID COST

Project: Nightingale Street NW Roundabouts
 Location: Andover, MN
 Project No.: SP 198-124-003, SP 198-124-004
 W58 021965-000
 Date: 03/28/2021

STATEMENT OF ESTIMATED QUANTITIES

ITEM NUMBER	EXTENSION	DESCRIPTION	NOTES	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING - FEDERAL - SP 198-124-003				PARTICIPATING - FEDERAL - SP 198-124-004				NON-PARTICIPATING			
						Estimated Quantity	Estimated Cost	CITY OF ANDOVER		STORM SEWER		ANDOKA COUNTY		CITY OF ANDOVER		STORM SEWER (CITY 5% / COUNTY 4%)		LOCAL FUNDING	
								Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2565.616	00052	PEDESTRIAN CROSSWALK FLASHER SYSTEM B		SYSTEM	\$75,000.00	1	\$75,000.00	1	\$75,000.00										
2571.515	10005	DECIDUOUS SHRUB NO S CONT		SHRUB	\$84.00	62	\$5,208.00									62	\$5,208.00		
2571.517	01110	PERENNIAL NO J CONT		PLANT	\$23.50	370	\$8,715.00									370	\$8,715.00		
2573.502	00110	STORM DRAIN INLET PROTECTION		EACH	\$175.00	48	\$8,400.00	23	\$4,025.00						25	\$4,375.00			
2573.503	00140	CULVERT END CONTROLS		EACH	\$300.00	8	\$2,400.00								8	\$2,400.00			
2573.503	00023	SILT FENCE TYPE MS		LN FT	\$1.86	2223	\$4,134.85	1248	\$2,333.60						975	\$1,809.25			
2573.503	00054	SEDIMENT CONTROL LOG TYPE COMPOST		LN FT	\$2.20	1949	\$4,287.80	80	\$176.00						1869	\$4,089.80			
2574.505	00010	SOIL BED PREPARATION		ACRE	\$275.00	4.1	\$1,127.50	1.3	\$357.50						2.8	\$770.00			
2574.507	00104	BOULEVARD TOPSOIL BORROW		CU YD	\$54.00	65	\$3,510.00									65	\$3,510.00		
2574.508	00011	FERTILIZER TYPE 3		POUND	\$0.89	1008	\$897.12	338	\$300.82						670	\$596.30			
2574.508	00014	FERTILIZER TYPE 4		POUND	\$2.25	100	\$225.00								100	\$225.00			
2575.504	00110	RAPID STABILIZATION METHOD 4		SQ YD	\$1.70	2881	\$4,897.70								2881	\$4,897.70			
2575.505	00011	SEEDING		ACRE	\$495.00	4.1	\$2,029.50	1.3	\$643.50						2.8	\$1,386.00			
2575.507	00050	MULCH MATERIAL TYPE 6		CU YD	\$155.50	32	\$4,976.00									32	\$4,976.00		
2575.508	40003	HYDRAULIC REINFORCED FIBER MATRIX		POUND	\$1.25	11184	\$13,980.00	3749	\$4,686.25						7435	\$9,293.75			
2575.533	00020	RAPID STABILIZATION METHOD 3		M GALLON	\$475.00	21	\$9,875.00	8	\$3,800.00						13	\$6,175.00			
2575.604	01120	ROLLED EROSION PREVENTION CATEGORY 3D		SQ YD	\$1.45	2881	\$4,177.45								2881	\$4,177.45			
2575.608	25070	SEED SOUTHERN BOULEVARD		POUND	\$4.75	474	\$2,234.00	178	\$838.50						298	\$1,415.50			
2575.608	25080	SEED TURFOGRASS		POUND	\$9.95	53	\$527.35	33	\$328.05						14	\$139.30			
2575.608	25180	SEED SOUTHERN TALLGRASS ROADSIDE		POUND	\$53.20	19	\$1,010.80								19	\$1,010.80			
2582.503	30104	4" SOLID LINE MULTI COMP		LN FT	\$1.50	1687	\$2,530.50	769	\$1,153.50						918	\$1,377.00			
2582.503	30404	4" COIL SOLID LINE MULTI COMP		LN FT	\$2.00	2284	\$4,568.00	1036	\$2,072.00						668	\$1,336.00			
2582.503	76104	4" SOLID LINE PREF THERMO GR IN		LN FT	\$6.50	6114	\$39,741.00	2735	\$17,827.50						2379	\$15,448.50			
2582.503	76124	24" SOLID LINE PREF THERMO GR IN		LN FT	\$25.00	393	\$9,875.00	214	\$5,350.00						181	\$4,525.00			
2582.503	76404	4" SOLID LINE PREF THERMO GR IN		LN FT	\$13.00	2388	\$31,044.00	829	\$10,777.00						763	\$9,939.00			
2582.503	83024	8" COTTON LINE PREF THERMO GR IN CONT		LN FT	\$30.00	164	\$4,920.00	96	\$2,880.00						68	\$2,040.00			
2582.518	04020	PART MISO PREF THERMO GR IN		SQ FT	\$30.00	32	\$960.00	16	\$480.00						16	\$480.00			
2582.518	08030	CROSSWALK PREF THERMO GR IN CONT		SQ FT	\$16.00	1470	\$23,520.00	780	\$12,480.00						690	\$11,040.00			
2582.601	00011	PAVEMENT MARKINGS		LUMP SUM	\$3,600.00	1	\$3,600.00									1	\$3,600.00		
						ROADWAY CONSTRUCTION TOTAL	\$ 2,848,372.85	\$ 913,399.41	\$ 164,849.00	\$ 929,742.41	\$ 234,648.31	\$ 280,256.90	\$ 137,656.80						

	SP 198-124-003	SP 198-124-004	ANDOVER LOCAL	TOTALS
Total Cost	\$ 2,076,248.41	\$ 1,444,667.81	\$ 327,056.83	
Total Federal Eligible Items	\$ 1,076,248.41	\$ 1,444,667.81		
Federal Funds Available	\$ 1,035,000.00	\$ 1,802,600.00		
% Federal Funding	95.00%	95.00%		
Andover Federal Funds	\$ 535,000.00	\$ 335,429.41		\$ 3,370,429.41
County Federal Funds		\$ 964,771.46		\$ 964,771.46
Andover M&AS Funds	\$ 41,248.41	\$ 97,200.93		\$ 78,518.35
Andover Local Funds		\$ 177,656.80	\$ 127,856.80	\$ 234,853.63
County Local Funds		\$ 107,196.83		\$ 107,196.83

PROJECT TOTALS	ANDOVER		ANDOKA COUNTY	
	SP 198-124-003	SP 198-124-004	LOCAL	LOCAL
ROADWAY AND STORM SEWER	\$ 2,828,786.00	\$ 913,429.01	\$ 78,353.35	\$ 964,771.46
LANDSCAPING	\$ 127,656.80			\$ 127,656.80
PAVEMENT MARKINGS (LUMP SUM)	\$ 3,600.00			\$ 3,600.00
CONSTRUCTION TOTAL	\$ 2,959,042.80	\$ 913,429.01	\$ 78,353.35	\$ 1,100,128.26

LOW BID COST

Project: Highgate Street NW Roundabout
 Location: Andover, MN
 Project No.: SP 188-124-003, SP 198-124-004
 WIS 022965-000
 Date: 03/28/2015

STATEMENT OF ESTIMATED QUANTITIES

ITEM NUMBER	EXTENSION	DESCRIPTION	NOTES	UNIT	UNIT PRICE	PROJECT TOTAL		PARTICIPATING - FEDERAL - SP 188-214-003				PARTICIPATING - FEDERAL - SP 188-124-004				NON-PARTICIPATING			
								CITY OF ANDOVER		STORM SEWER		ANDOKA COUNTY		CITY OF ANDOVER		STORM SEWER (CITY 55% / COUNTY 45%)		LOCAL FUNDING	
						Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
Funding Group:						Group 1		Group 2		Group 3		Group 4		Group 5		Group 6			
Total Federal Eligible Items (SP 188-124-003):						\$1,076,248.42		\$164,848.00											
Federal Funds Available (SP 188-124-003):						\$1,000,000.00		00.00%		00.00%									
% Federal Funding (SP 188-124-003):						00.00%		00.00%											
Total Federal Eligible Items (SP 188-124-004):						\$4,444,697.63				\$826,742.41		\$224,668.32		\$200,256.80		\$200,256.80			
Federal Funds Available (SP 188-124-004):						\$1,500,000.00				\$830,768.17		\$200,201.48		\$281,231.21		\$281,231.21			
% Federal Funding (SP 188-124-004):						00.00%				00.00%		00.00%		00.00%		00.00%			

SP 188-124-004 Highgate/Crosstown Roundabout - FUNDING SPLITS

	PROJECT TOTALS	ANDOKA COUNTY TOTALS	ANDOKA COUNTY FEDERAL	ANDOKA COUNTY FUNDS	CITY OF ANDOVER TOTALS	CITY OF ANDOVER FEDERAL	CITY OF ANDOVER STATE AID	CITY OF ANDOVER LOCAL FUNDS
ROADWAY	\$1,154,419.73	\$628,742.41	\$630,716.17	\$97,028.24	\$724,683.32	\$200,201.48	\$224,668.32	\$299,813.52
DRAINAGE (County 35%, City 65%)	\$200,256.80	\$142,228.66	\$128,003.29	\$14,225.37	\$148,031.02	\$133,227.92	\$14,803.10	
CONSTRUCTION TOTAL	\$1,444,676.53	\$770,971.07	\$758,719.46	\$111,253.61	\$872,714.34	\$333,429.40	\$239,471.42	\$304,616.62
% CONSTRUCTION ENGINEERING	\$116,675.41	\$67,757.25	\$65,767.26	\$2,000.00	\$108,815.55	\$108,815.55	\$0.00	\$0.00
LIGHTING	\$186,000.00	\$27,100.00	\$27,100.00	\$0.00	\$158,900.00	\$158,900.00	\$0.00	\$0.00
PROJECT TOTAL	\$1,620,346.94	\$1,144,925.18	\$1,144,925.18	\$27,100.00	\$1,016,015.37	\$333,429.41	\$27,098.58	\$192,900.00

00010688

Anoka County Contract No. 00010688

EXHIBIT "C"

FOR PROJECTS CONSTRUCTED IN ANOKA COUNTY

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

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