

ACEC of Minnesota County Forecasting Seminar

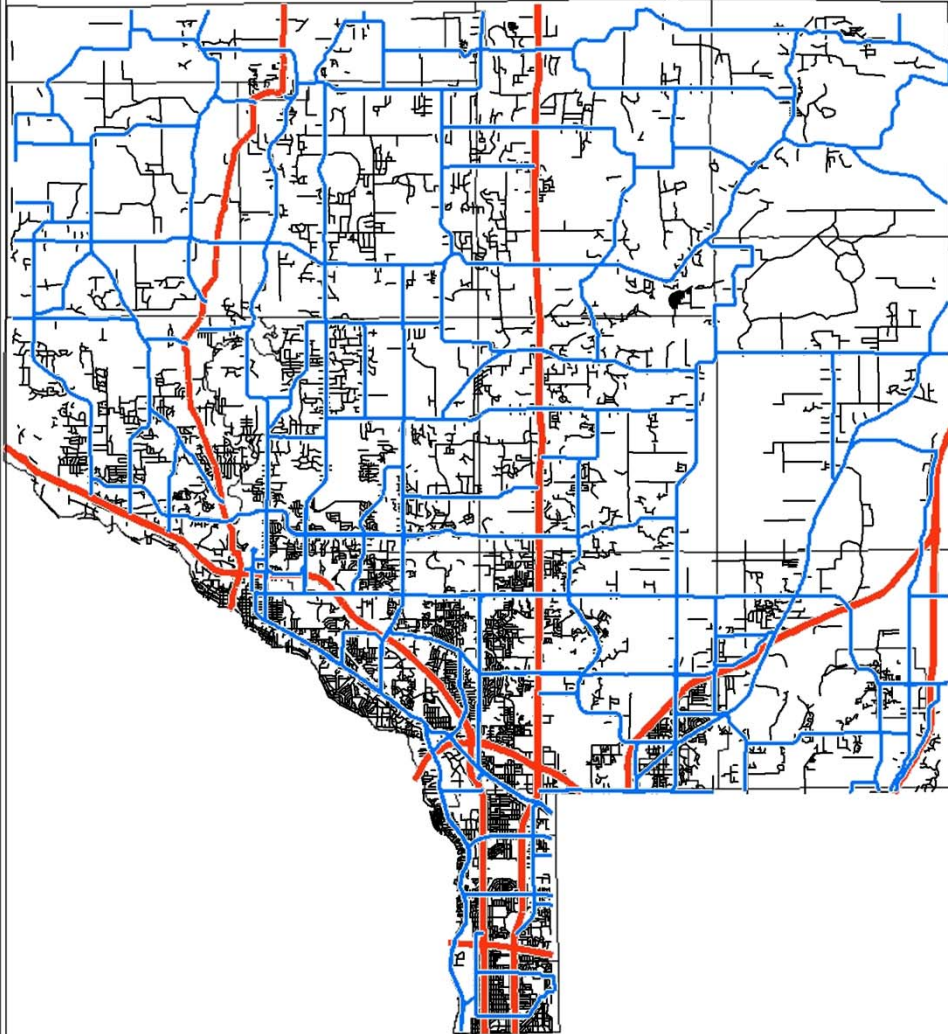
May 20, 2016



Douglas W. Fischer, PE
County Engineer
Anoka County Highway Department



Anoka County Highway Systems



- Trunk Highway System
- County State Aid and County Road System
- City and Township System



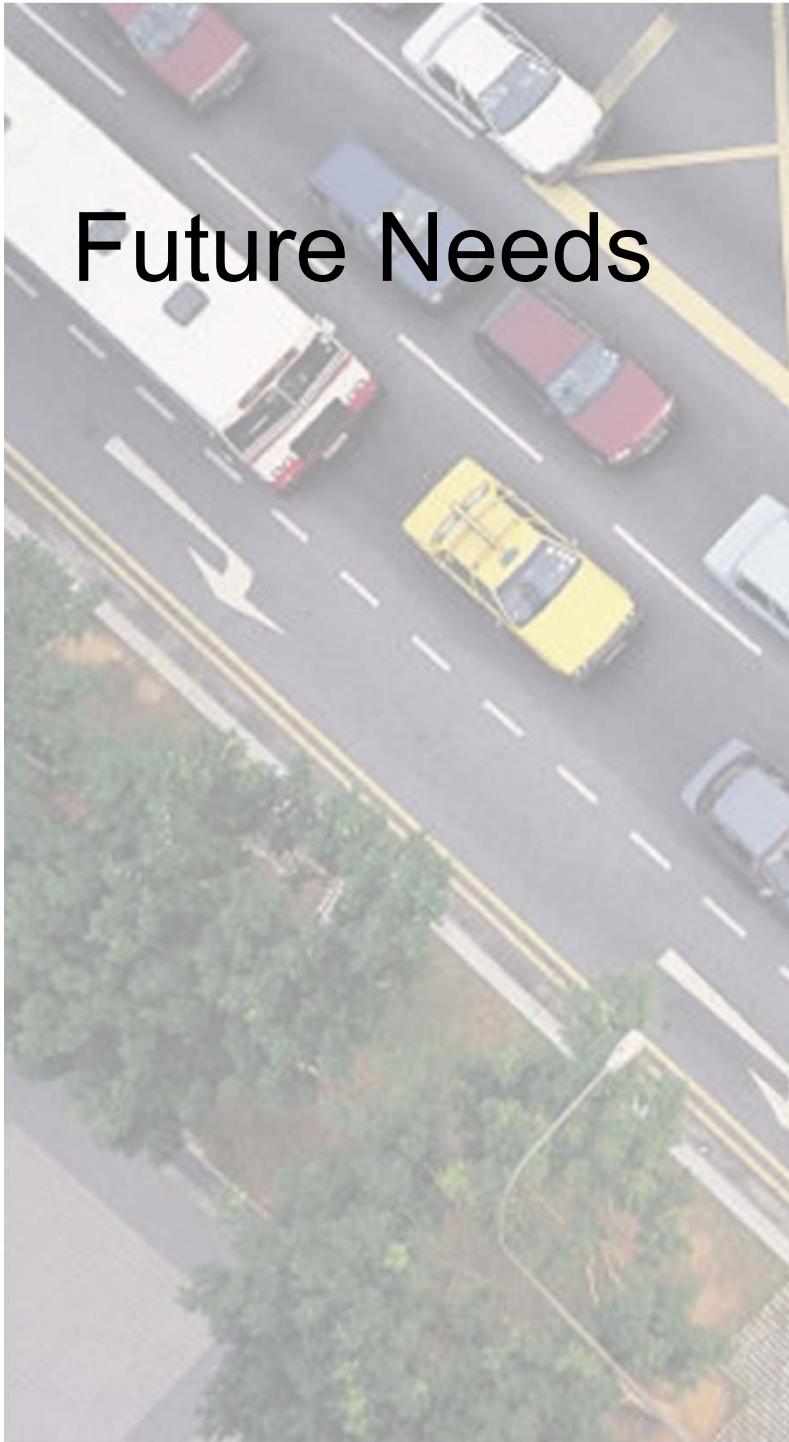
Anoka County Demographics

	1990	2000	2010	2020	2030	2040
Population	243,688	298,084	330,844	359,580	399,750	438,820
Households	82,437	106,428	121,227	136,260	154,300	171,130
Employment	81,132	106,814	106,387	126,660	136,100	145,420

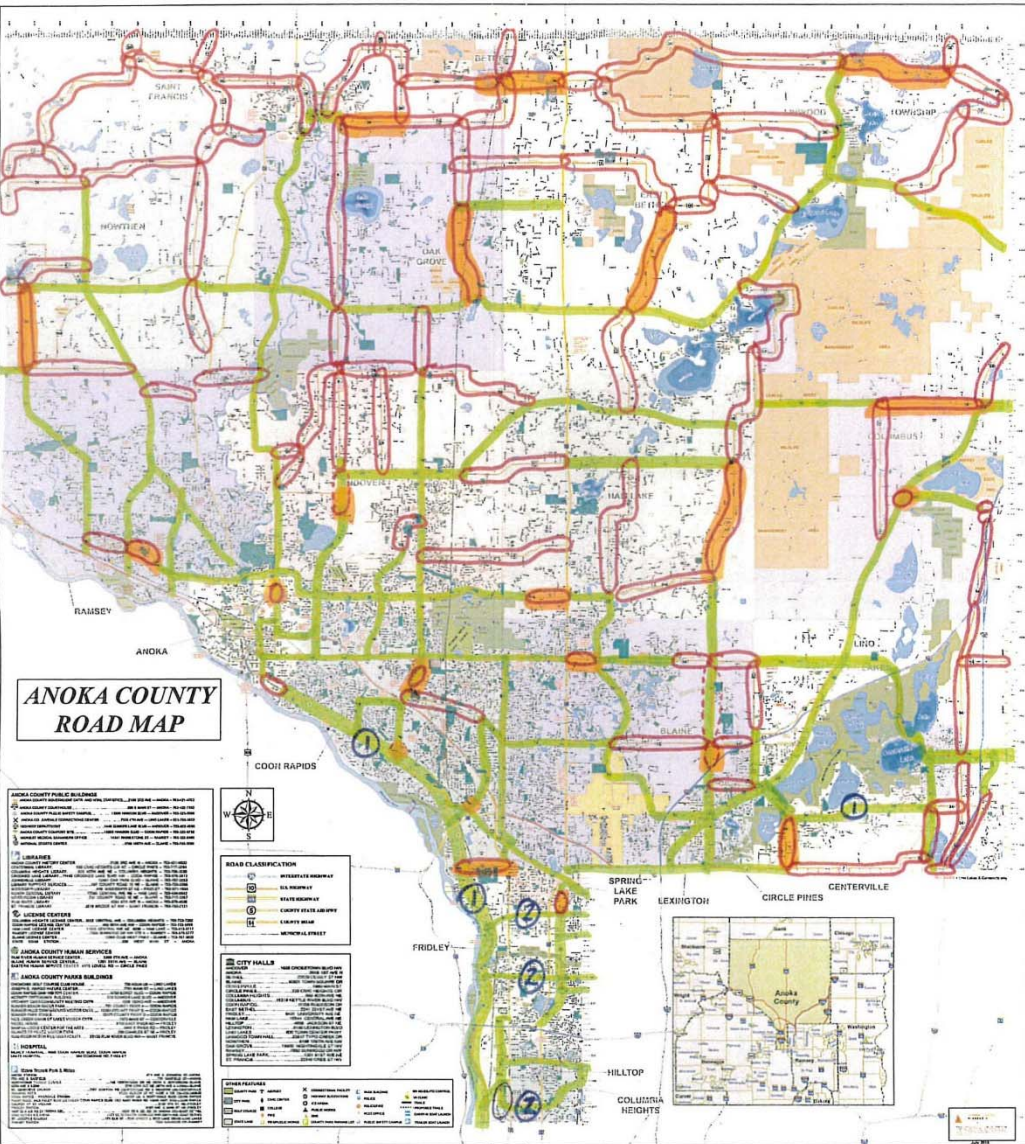


Anoka County Transportation Needs (County Roads)

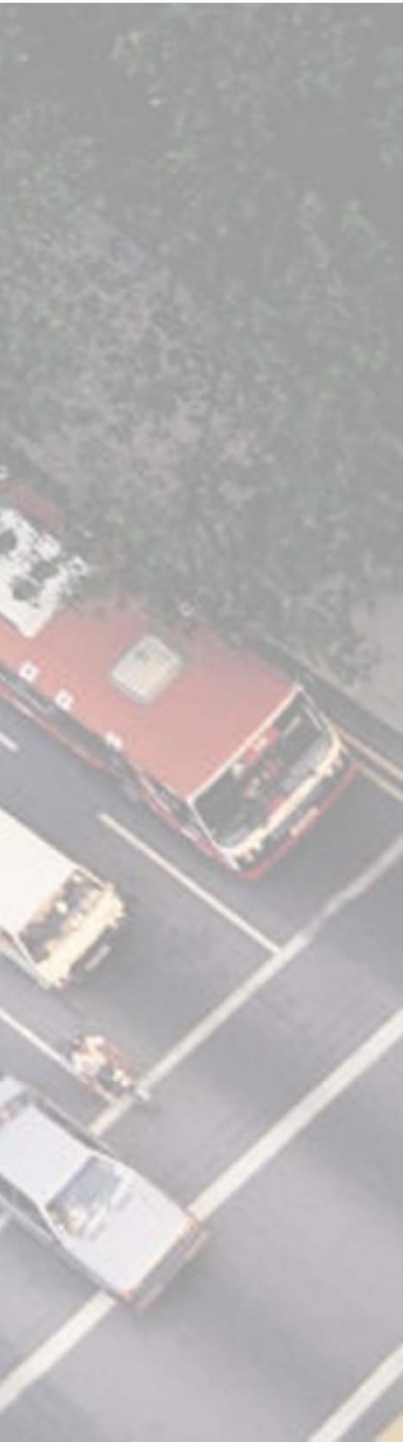
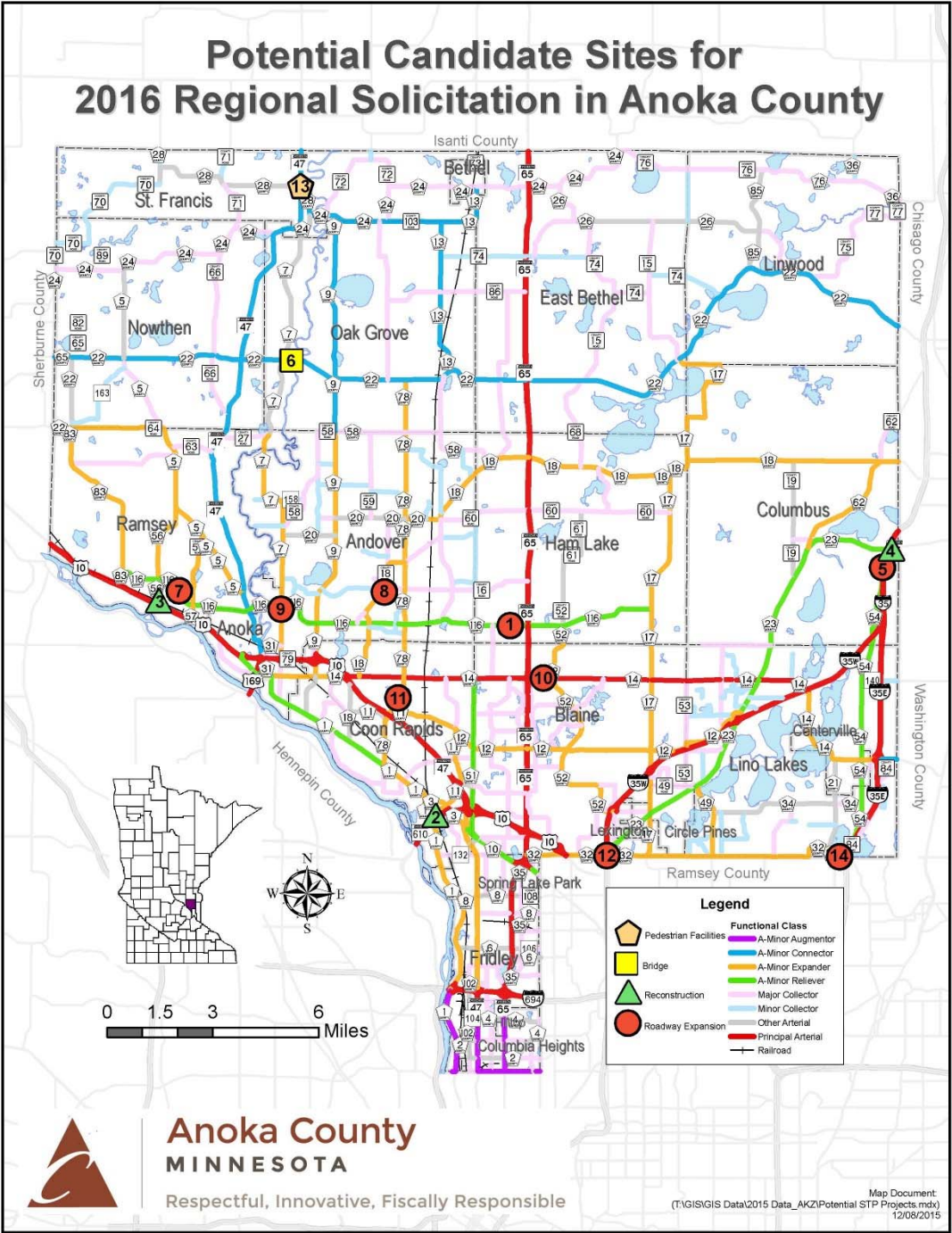
- **Most Capacity Issues Completed**
- **Most Bridges Adequate (Structural and Functional)**
- **Pavement Condition Ratings at Goal Levels**
- **“Gap” Expansion Projects**
- **“Spot” Safety Improvements**
- **Rural Road Reconstruction**



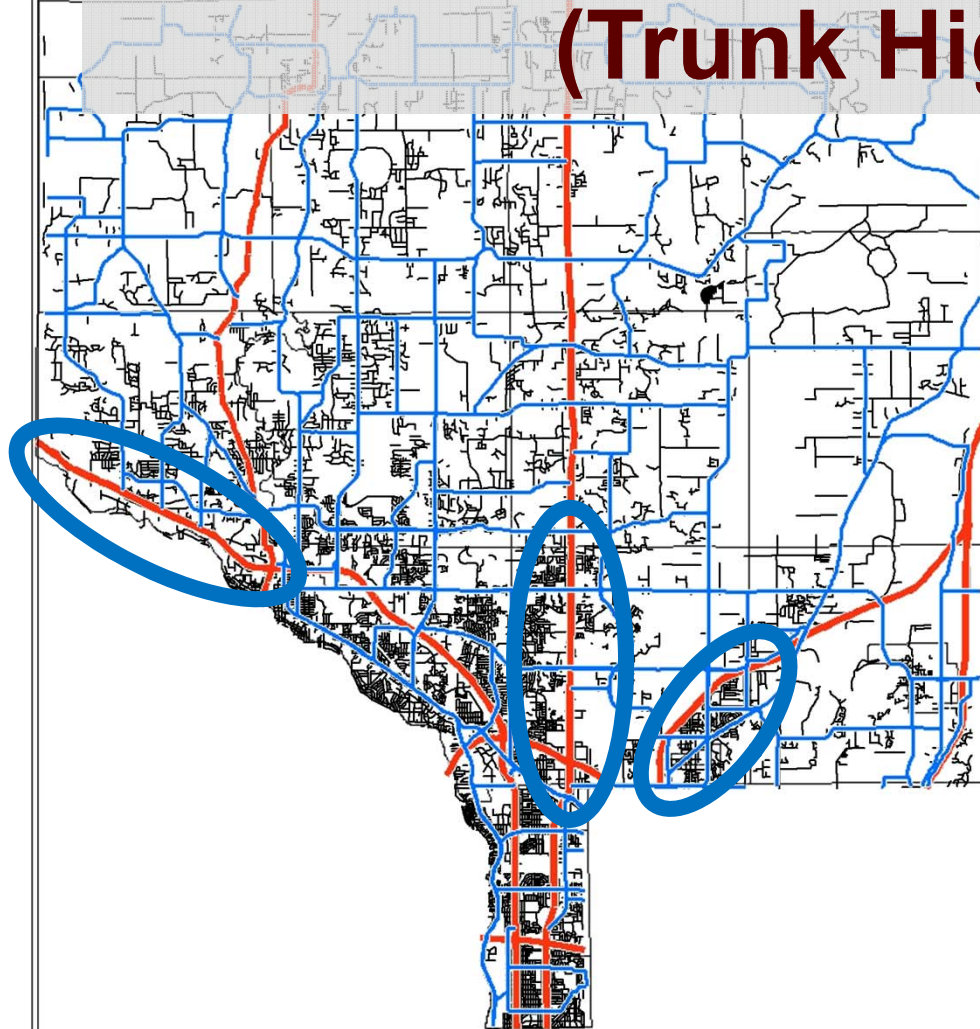
Future Needs



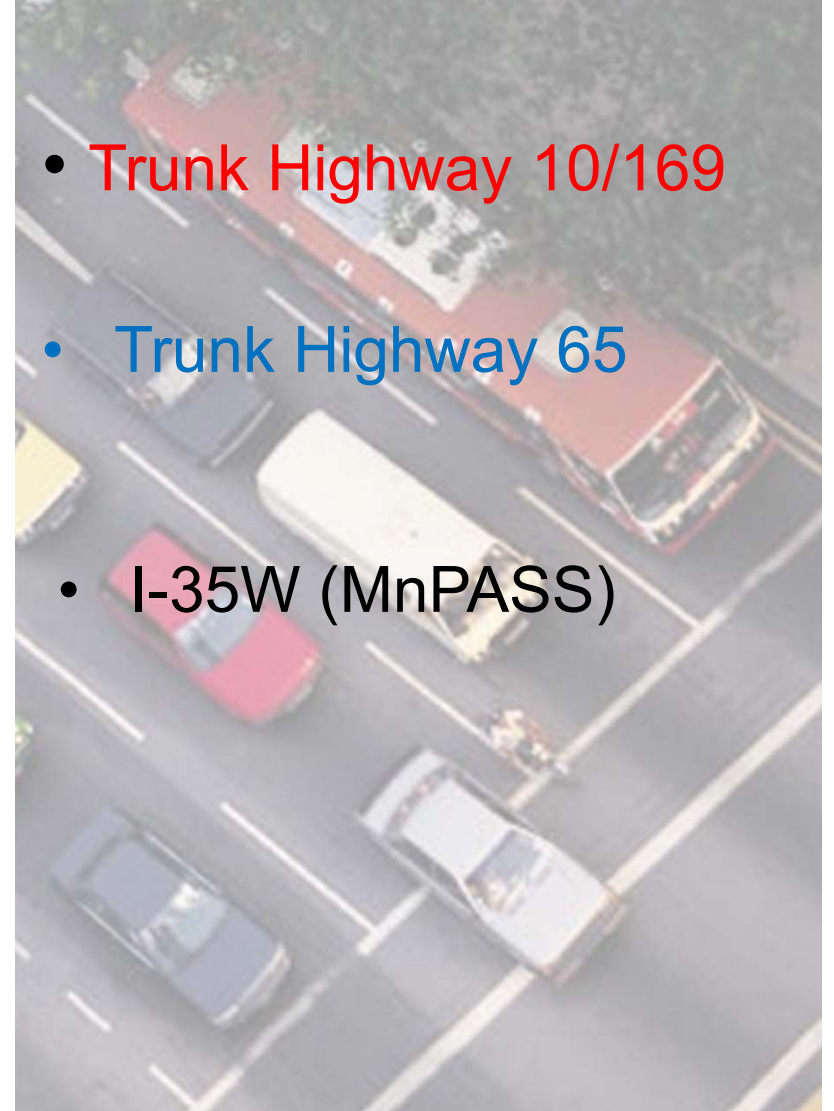
- ① - Spot Improvements per Corridor Study
 - ② - TWCLT Conversion
- Full Build-Out/Maintain
- Reconstruction



Anoka County Transportation Needs (Trunk Highways)



- Trunk Highway 10/169
- Trunk Highway 65
- I-35W (MnPASS)



Anoka County Project Funding (Internal)

Highway User Tax Distribution Fund (HUTDF)

- Gas Tax
- Motor Vehicle Sales Tax (MVST)
- License Tab Fees

Motor Vehicle Lease Sales Tax

Property Tax Levy

General Obligation Bonds

Anoka County Project Funding (External)

Federal Funds

- STP/HSIP (Regional Solicitation)
- TIGER
- Earmarks
- ARRA (Economic Stimulus)

State Funds

- Turnback Funds/Flex Account
- Bridge Bonds
- Local Road Improvement Program
- Cooperative Agreement
- Safe Routes to School
- TED/SAM/CIMS/Corridors of Commerce

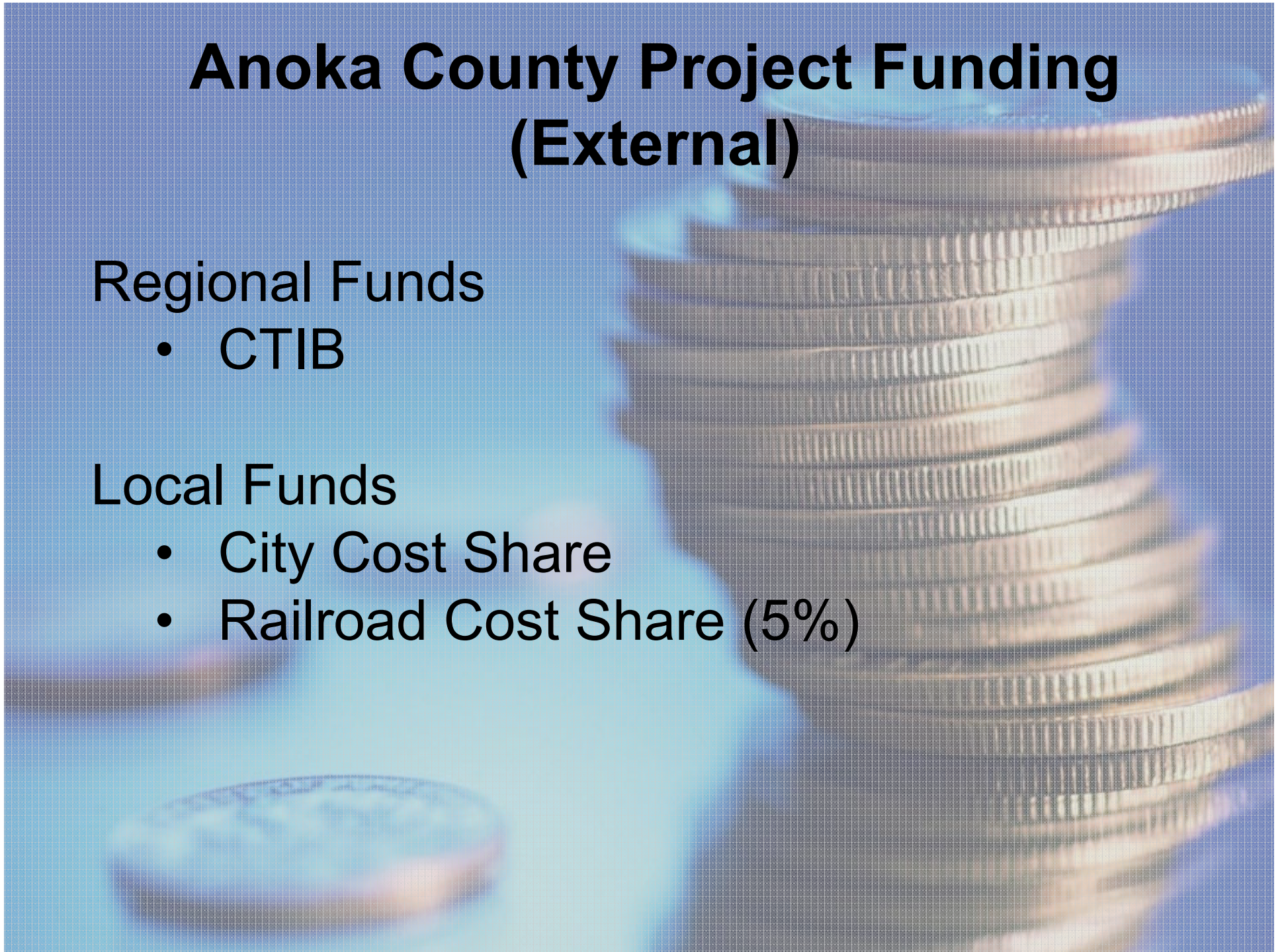
Anoka County Project Funding (External)

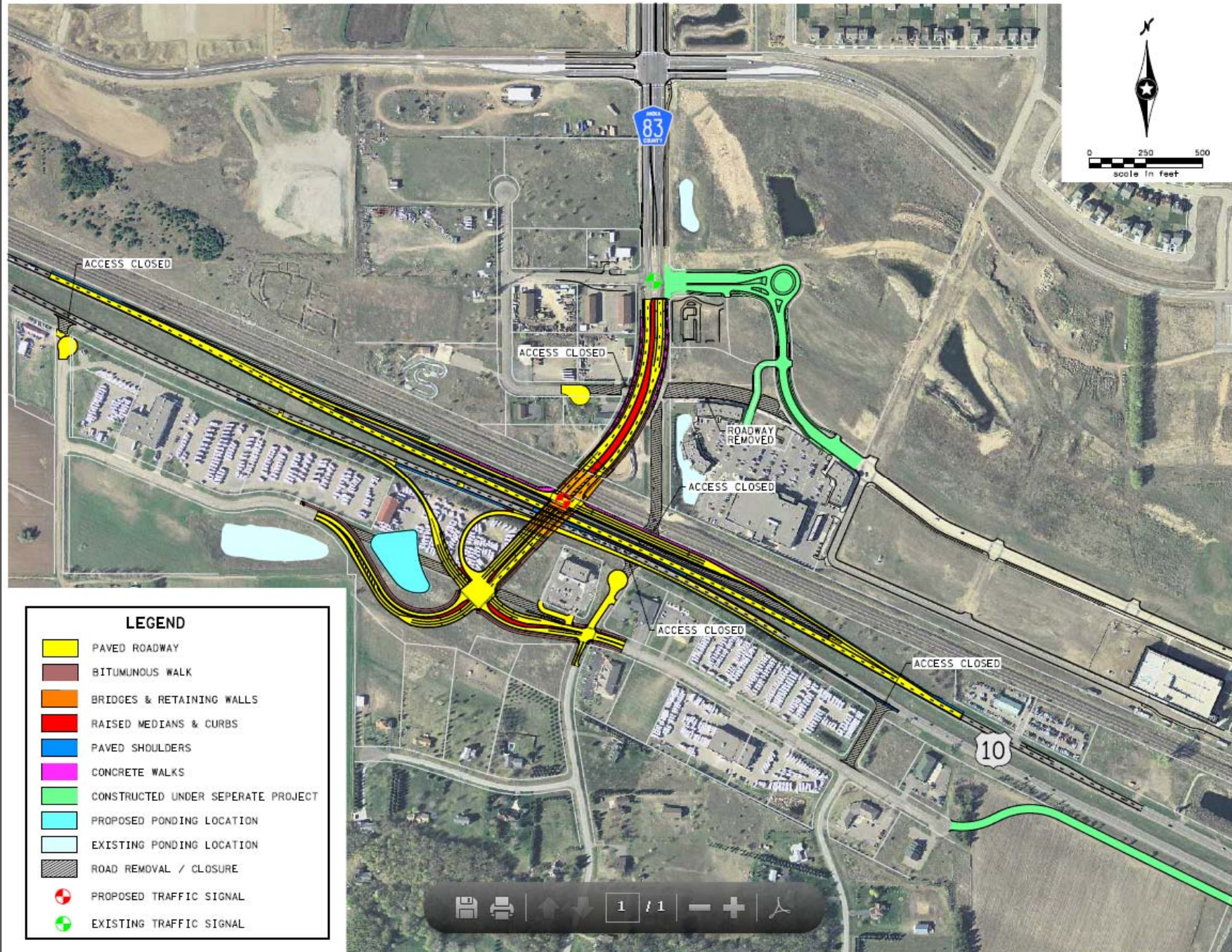
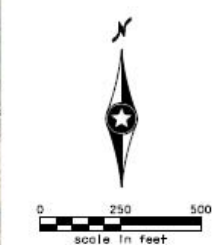
Regional Funds

- CTIB

Local Funds

- City Cost Share
- Railroad Cost Share (5%)





LEGEND

- PAVED ROADWAY
- BITUMUNOUS WALK
- BRIDGES & RETAINING WALLS
- RAISED MEDIANS & CURBS
- PAVED SHOULDERS
- CONCRETE WALKS
- CONSTRUCTED UNDER SEPERATE PROJECT
- PROPOSED PONDING LOCATION
- EXISTING PONDING LOCATION
- ROAD REMOVAL / CLOSURE
- PROPOSED TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL

TH 10 / CSAH 83 Interchange Funding Breakdown - Lunda Low Bid

Task	Total Estimated Cost	Sub-Task	Sub-Task Cost	2013 & Prior			2014			2015								Sub-Task Cost	Total Estimated Cost
				Local	Federal		Local	MnDOT	Federal	Local	CTIB	LRIP	MnDOT	Federal	Other				
				Anoka Co.	Ramsey	HPP (1)	Anoka Co.	CIMS (2)	HPP (1)	Anoka Co.	Ramsey	Grant	Bonds	CIMS (2)	In Kind	HPP (1)	TIGER (3)	BNSF	
Preliminary Engineering and Environment Assessment	\$512,000	PE & EA	\$512,000	\$256,000	\$256,000														\$512,000
Final Design	\$2,180,465	FE	\$1,845,465	\$369,093		\$1,476,372													\$1,845,465
		FE (Amend)	\$235,000				\$47,000		\$188,000										\$235,000
		FE (Shop Dwgs)	\$100,000							\$20,000						\$80,000			\$100,000
Right-of-Way Acquisition	\$7,020,835	Acquired	\$4,265,510		\$2,135,000		\$2,130,510			-\$2,130,510				\$2,130,510					\$4,265,510
		Relocation	\$200,000				\$200,000			-\$200,000				\$200,000					\$200,000
		Appraised/Court Escrow	\$1,703,550				\$1,703,550			-\$1,703,550				\$1,703,550					\$1,703,550
		Counter Offer Overage	\$851,775							\$1,275,341	-\$423,566								\$851,775
Construction	\$29,835,002	Bid Award	\$27,696,264									\$5,956,312	\$4,679,959	\$5,965,940			\$10,000,000	\$1,094,053	\$27,696,264
		SA/CO/Overruns (7%)	\$1,938,738								\$1,085,694	\$853,045							\$1,938,738
		Max. Incentive	\$200,000								\$112,000	\$88,000							\$200,000
Construction Management	\$2,386,800	CE (8%)	\$2,386,800												\$2,386,800				\$2,386,800
Sub-Totals	\$41,935,103	Sub-Total	\$41,935,103	\$625,093	\$2,391,000	\$1,476,372	\$4,081,060	\$0	\$188,000	-\$2,738,719	-\$423,566	\$7,154,005	\$5,621,004	\$10,000,000	\$2,386,800	\$80,000	\$10,000,000	\$1,094,053	\$41,935,103
Contingency	\$0	Contingency	\$0																\$0
Grand Total	\$41,935,103	Grand Total	\$41,935,103	\$625,093	\$2,391,000	\$1,476,372	\$4,081,060	\$0	\$188,000	-\$2,738,719	-\$423,566	\$7,154,005	\$5,621,004	\$10,000,000	\$2,386,800	\$80,000	\$10,000,000	\$1,094,053	\$41,935,103

Notes:	Task	Amount	Primary Fund	Local Match	% Req.	% Actual
(1) HPP Federal Funds \$2,041,976	FE	\$2,180,465	\$1,744,372	\$436,093	20%	20%
(2) CIMS Funds \$10,000,000	ROW	\$7,020,835	\$4,034,060	\$2,986,775	15%	43%
	Const	\$6,029,649	\$5,965,940	\$1,094,053	15%	18%
(3) TIGER Grant \$10,000,000	Const	\$14,679,959	\$10,000,000	\$4,679,959	20%	32%

Local		CTIB	LRIP	MnDOT		Federal		Other		Total Cost
Anoka Co.	Ramsey	Grant	Bonds	CIMS	In Kind	HPP	TIGER	BNSF		
\$256,000	\$256,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	PE & EA	\$512,000
\$436,093	\$0	\$0	\$0	\$0	\$0	\$1,744,372	\$0	\$0	FE	\$2,180,465
\$1,275,341	\$1,711,434	\$0	\$0	\$4,034,060	\$0	\$0	\$0	\$0	ROW	\$7,020,835
\$0	\$0	\$7,154,005	\$5,621,004	\$5,965,940	\$0	\$0	\$10,000,000	\$1,094,053	CONST	\$29,835,002
\$0	\$0	\$0	\$0	\$0	\$2,386,800	\$0	\$0	\$0	CE	\$2,386,800
\$1,967,434	\$1,967,434	\$7,154,005	\$5,621,004	\$10,000,000	\$2,386,800	\$1,744,372	\$10,000,000	\$1,094,053	Sub-Total	\$41,935,103
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Contingency	\$0
\$1,967,434	\$1,967,434	\$7,154,005	\$5,621,004	\$10,000,000	\$2,386,800	\$1,744,372	\$10,000,000	\$1,094,053	Grand Total	\$41,935,103
4.69%	4.69%	17.06%	15.40%	23.85%	5.69%	4.16%	23.85%	2.61%		100.00%
11.77%	11.77%	42.81%	33.64%	% of Local+CTIB+LRIP						

Agency	Orig. Cost	Actual Cost	\$ Savings	% Savings
Anoka County	\$2,807,744	\$1,967,434	\$840,310	30%
City of Ramsey	\$2,807,744	\$1,967,434	\$840,310	30%
CTIB	\$10,200,000	\$7,154,005	\$3,045,995	30%
LRIP	\$8,000,000	\$5,621,004	\$2,378,996	30%

Post-Bid Commitment
\$41,935,103

Post-Bid Commitment

\$41,935,103

Post-Tiger Commitment

\$49,000,688

Pre-TIGER Commitment

\$37,457,464

Agency	Orig. Cost	Actual Cost	\$ Savings	% Savings
Anoka County	\$2,807,744	\$1,967,434	\$840,310	30%
City of Ramsey	\$2,807,744	\$1,967,434	\$840,310	30%
CTIB	\$10,200,000	\$7,154,005	\$3,045,995	30%
LRIP	\$8,000,000	\$5,621,004	\$2,378,996	30%

\$2,807,744	\$2,807,744	\$10,200,000	\$8,000,000	\$10,000,000	\$2,268,400	\$1,716,800	\$10,000,000	\$1,200,000		\$49,000,688
5.73%	5.73%	20.82%	16.33%	20.41%	4.63%	3.50%	20.41%	2.45%		100.00%
11.79%	11.79%	42.83%	33.59%	% of Local+CTIB+LRIP						

\$2,807,744	\$2,807,744	\$10,200,000	\$8,000,000	\$10,000,000	\$1,600,000	\$1,476,371	\$0	\$565,605		\$37,457,464
7.50%	7.50%	27.23%	21.36%	26.70%	4.27%	3.94%	0.00%	1.51%		100.00%
11.79%	11.79%	42.83%	33.59%	% of Local+CTIB+LRIP						

An aerial photograph of a multi-lane highway with various vehicles including cars, trucks, and a bus. The image is slightly faded to serve as a background for the text.

ACHD “In-House” Capabilities

Highway Design & Construction

Bridge Construction

Signal Construction

Transportation Planning

Traffic Engineering

Environmental Document Preparation

ROW Acquisition

Grant Writing

Traffic Modeling



What We Need Help With

Bridge Design

Signal Design

“Science” behind certain environmental evaluations

Geotechnical Work

“Overflow” work that staff can’t handle

An aerial photograph of a busy multi-lane intersection. Several vehicles, including cars and buses, are visible on the road. The image is slightly faded to serve as a background for the text.

What We Need Help With (Cont.)

Traffic Management

- Centrax
- Fiber Connectivity
- Flashing Yellow Arrow Retrofits

Innovative Intersections

- Signalized RCUTS
- Hybrid Interchanges

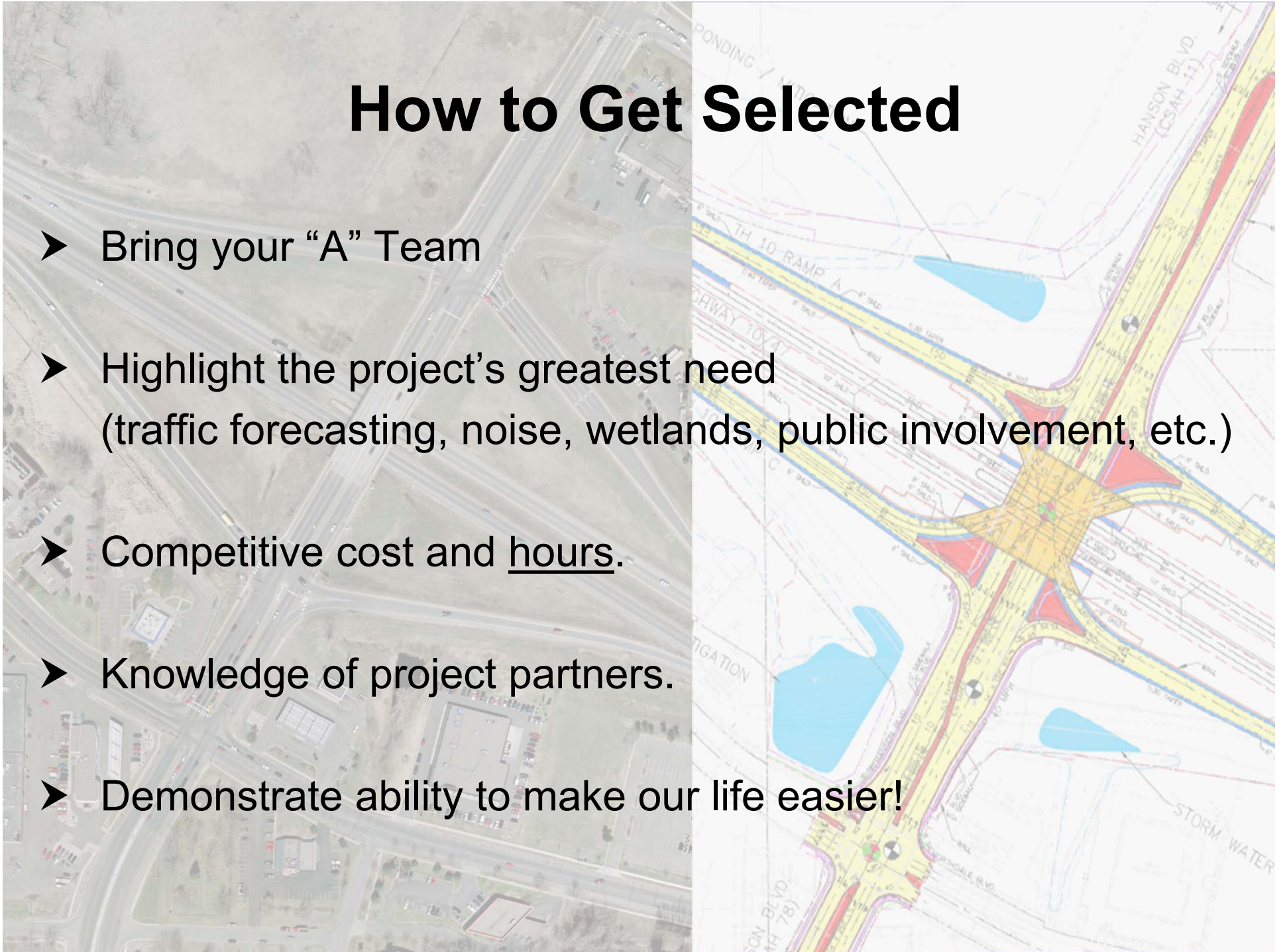


ACHD Consultant Selection Process

- Competitive bids not required (depending on size)
- RFP by invitation (unless federal funds)
- Selection based on team, experience, scope, schedule and cost

How to Get Selected

- Bring your “A” Team
- Highlight the project’s greatest need (traffic forecasting, noise, wetlands, public involvement, etc.)
- Competitive cost and hours.
- Knowledge of project partners.
- Demonstrate ability to make our life easier!



An aerial, top-down view of a multi-lane city street. The street is filled with various vehicles, including cars in different colors (red, blue, yellow, white) and several large buses. The street has white lane markings and yellow crosswalks. There are green trees and some buildings visible along the edges of the street. The overall scene is a busy urban environment.

How to Get Selected

➤ Get to know these people:

Andrew Witter, *Assistant County Engineer*

Jack Forslund, *Multimodal Transportation Manager*

Gina Pizzo, *Senior Design Engineer*

Jason Orcutt, *Design Engineering Supervisor*

Jane Rose, *Traffic Engineering Manager*

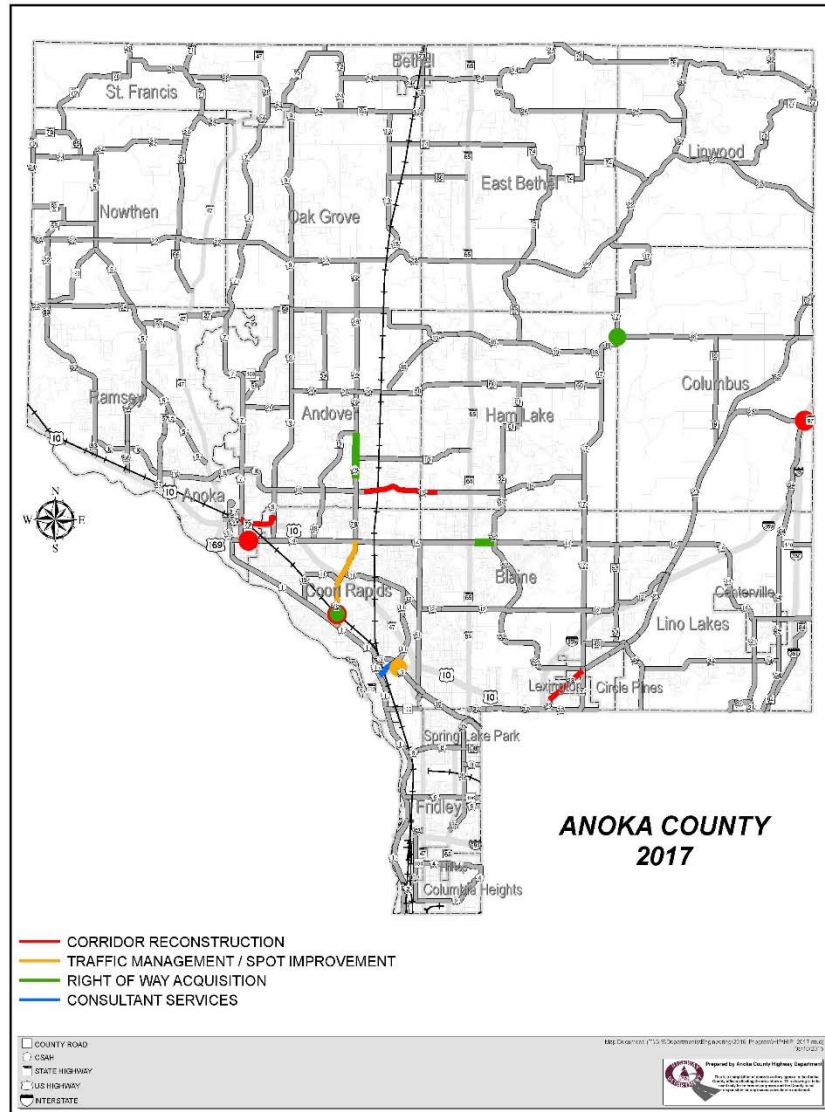
Harry Grams, *Construction Engineering Supervisor*



How to Get an RFP?

- Be Involved
- Demonstrate an Expertise
- Start Small

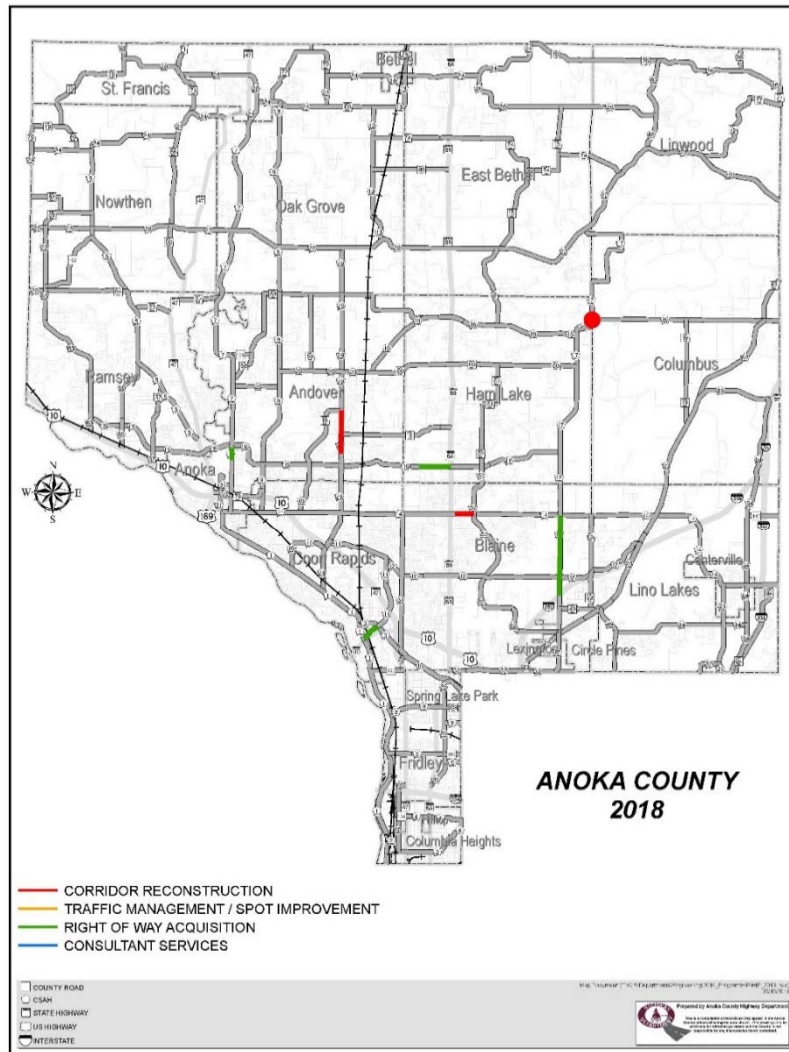
Upcoming Projects



ANOKA COUNTY HIGHWAY DEPARTMENT 2017 Unfunded Highway Improvement Plan

		FUNDING						
Project #	Description	County	Federal	State	City/Town	Other	Total	Notes
2017								
Rehabilitation		\$9,000,000					\$9,250,000	
17-01-00	Overlays (Bituminous And Concrete)	\$7,500,000					\$7,500,000	
17-77-00	CR J Overlay	\$250,000				\$250,000	\$500,000	Other = Ramsey County
17-02-00	Crack Sealing	\$750,000					\$750,000	
17-07-00	Bridge Maintenance	\$300,000					\$300,000	
17-09-00	Signal Painting	\$100,000					\$100,000	
Unassigned	RR Crossing Repairs	\$100,000					\$100,000	BNSF RR
Reconstruction Program (2955)		\$11,124,450			\$2,144,450		\$27,638,900	
002-614-040	CSAH 14 at 9th Ave	\$1,350,000			\$150,000		\$1,500,000	
002-654-003	CSAH 54 realignment south of CSAH 23	\$5,500,000			\$1,000,000		\$6,500,000	
002-623-017	CSAH 23 from I-35W to CSAH 17	\$1,135,000			\$115,000		\$1,250,000	Access Modifications
002-678-023	CSAH 78 Railroad Grade Separation	\$2,139,450		\$12,600,000	\$879,450	\$1,970,000	\$17,588,900	Other = CTIB & BNSF
15-64-79	CR 79 from CSAH 7 to CSAH 9	\$1,000,000					\$1,000,000	
002-716-015	CSAH 116 from Crane St. to Jefferson St. (Phase 2)	\$2,500,000					\$2,500,000	
Traffic Management (2935)		\$702,400	\$381,800	\$83,000	\$83,000	\$0	\$1,024,000	
002-678-021	CSAH 78 Signal Interconnect	\$42,400	\$381,800				\$424,000	
0217-17	TH 610 at CR 3	\$60,000		\$63,000	\$63,000			MinDOT Signal Replacement
17-77-00	ATMS Interconnect (2935)	\$500,000					\$500,000	
17-77-00	FYA Conversions (2935)	\$100,000					\$100,000	
Infrastructure Improvement Programs		\$1,838,510					\$1,838,510	
	TH 10 Improvements (2957)	\$1,000,000					\$1,000,000	
TBILocal	CR Turnbacks/Local Initiated Projects (2955)	\$500,000					\$500,000	
RTC	Annual Payment (2955)	\$338,510					\$338,510	
2017 CONSTRUCTION TOTALS		\$22,665,380	\$381,800	\$83,000	\$2,207,450	\$0	\$39,951,410	
ROW ACQUISITION								
Unknown	CSAH 14 from Aberdeen to CSAH 52	\$500,000					\$500,000	
002-617-021	CSAH 17 and CSAH 18 (North Intersection)	\$250,000					\$250,000	
002-678-022	CSAH 78 from 139th Ave to CR 18	\$2,500,000					\$2,500,000	
002-678-023	CSAH 78 Railroad Grade Separation	\$450,000		\$2,250,000	\$225,000	\$1,575,000	\$4,500,000	Other = CTIB
	Misc Acquisition	\$250,000					\$250,000	
2017 ROW ACQUISITION TOTALS		\$3,950,000	\$0	\$2,250,000	\$225,000	\$1,575,000	\$8,000,000	
CONSULTANT SERVICES								
Unknown	CSAH 11 from CSAH 1 to CR 3	\$150,000					\$150,000	
	Misc Services	\$500,000					\$500,000	
2017 CONSULTANT SERVICES TOTALS		\$650,000	\$0	\$0	\$0	\$0	\$650,000	
PLANNING/STUDIES								
	Corridor Studies	\$250,000					\$250,000	
	Environmental Studies	\$250,000					\$250,000	
2017 PLANNING/STUDIES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
2017 HIGHWAY PROGRAM TOTALS		\$27,765,380	\$381,800	\$2,313,000	\$2,432,450	\$1,575,000	\$48,101,410	

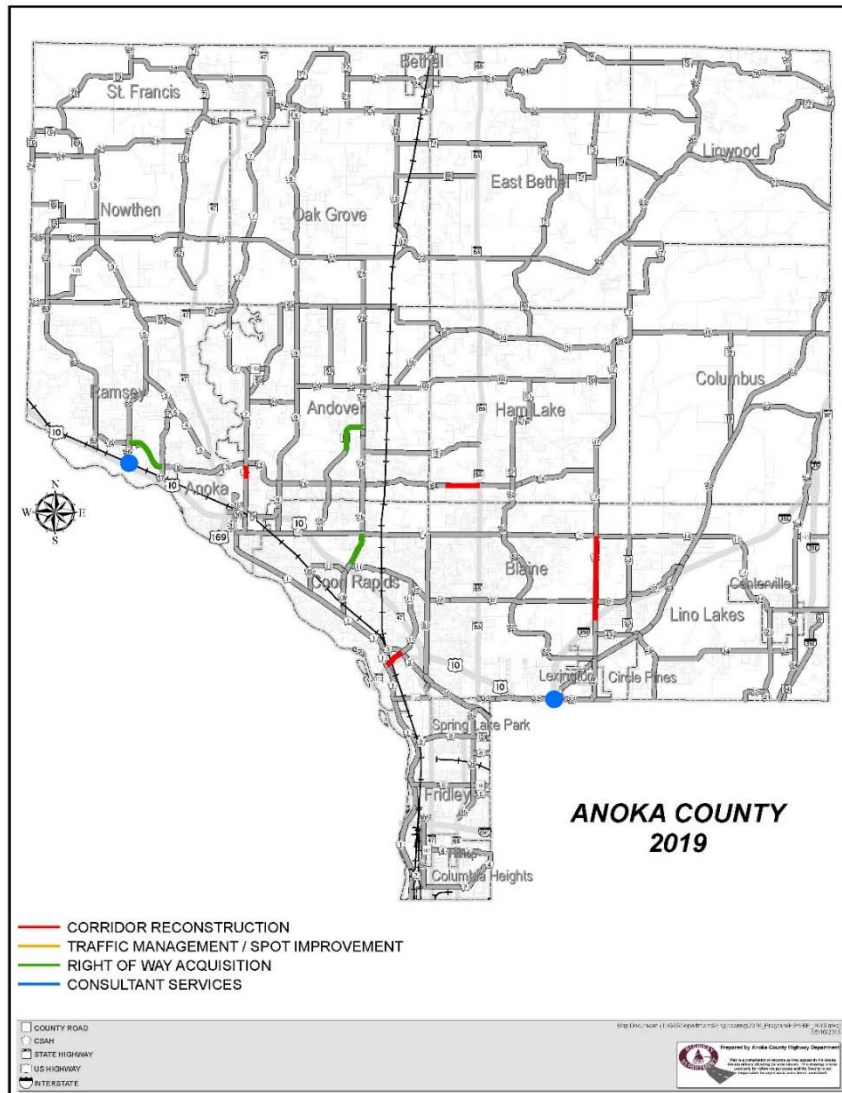
Upcoming Projects



ANOKA COUNTY HIGHWAY DEPARTMENT 2018 Unfunded Highway Improvement Plan

		FUNDING						
Project #	Description	County	Federal	State	City/Town	Other	Total	Notes
2018								
Rehabilitation		\$9,750,000					\$9,750,000	
18-01-00	Overlays (Bituminous And Concrete)	\$8,500,000					\$8,500,000	
18-02-00	Crack Sealing	\$750,000					\$750,000	
18-03-00	Bridge Maintenance	\$300,000					\$300,000	
18-04-00	Signal Painting	\$100,000					\$100,000	
Unassigned	RR Crossing Repairs	\$100,000					\$100,000	BNSF RR
Reconstruction Program (2955)		\$7,097,200	\$8,374,000	\$0	\$1,000,000	\$0	\$17,072,000	
002-678-022	CSAH 78 from 139th Ave to CR 18	\$3,500,000	\$7,500,000		\$1,000,000		\$12,000,000	2019 STIP
Unknown	CSAH 14 from Aberdeen to CSAH 52	\$3,500,000			\$500,000		\$4,000,000	
Unknown	CSAH 17 and CSAH 18 (North Intersection)	\$97,200	\$874,000		\$100,000		\$1,072,000	
Traffic Management (2935)		\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000	
18-77-00	ATMS Interconnect (2935)	\$500,000					\$500,000	
18-77-00	FYA Conversions (2935)	\$100,000					\$100,000	
	Misc Projects	\$500,000					\$500,000	
Infrastructure Improvement Programs		\$2,588,510					\$2,588,510	
	RR Grade Separation Projects (2956)	\$750,000					\$750,000	For Future Project TBD
	TH 10 Improvements (2957)	\$1,000,000					\$1,000,000	For Future Project TBD
TBL/Local	CR Turnbacks/Local Initiated Projects (2955)	\$500,000					\$500,000	
RTC	Annual Payment (2955)	\$338,510					\$338,510	
2018 CONSTRUCTION TOTALS		\$20,535,710	\$8,374,000	\$0	\$1,000,000	\$0	\$30,910,510	
ROW ACQUISITION								
Unknown	CSAH 7 From 38th Ave. To 41st Ave.	\$1,500,000					\$1,500,000	
Unknown	CSAH 11 from CSAH 1 to CR 3	\$2,000,000				\$2,000,000	\$4,000,000	Other = CTIB
Unknown	CSAH 17 from I-39W to CSAH 14	\$500,000					\$500,000	
Unknown	CSAH 116 from Jefferson to TH 65	\$1,500,000					\$1,500,000	
	Misc Acquisition	\$250,000					\$250,000	
2017 ROW ACQUISITION TOTALS		\$5,750,000	\$0	\$0	\$0	\$2,000,000	\$7,750,000	
CONSULTANT SERVICES								
	Misc Services	\$500,000					\$500,000	
2018 CONSULTANT SERVICES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
002-678-023								
PLANNING STUDIES								
	Corridor Studies	\$250,000					\$250,000	
	Environmental Studies	\$250,000					\$250,000	
2018 PLANNING STUDIES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
2018 HIGHWAY PROGRAM TOTALS		\$27,285,710	\$8,374,000	\$0	\$1,000,000	\$2,000,000	\$39,260,510	

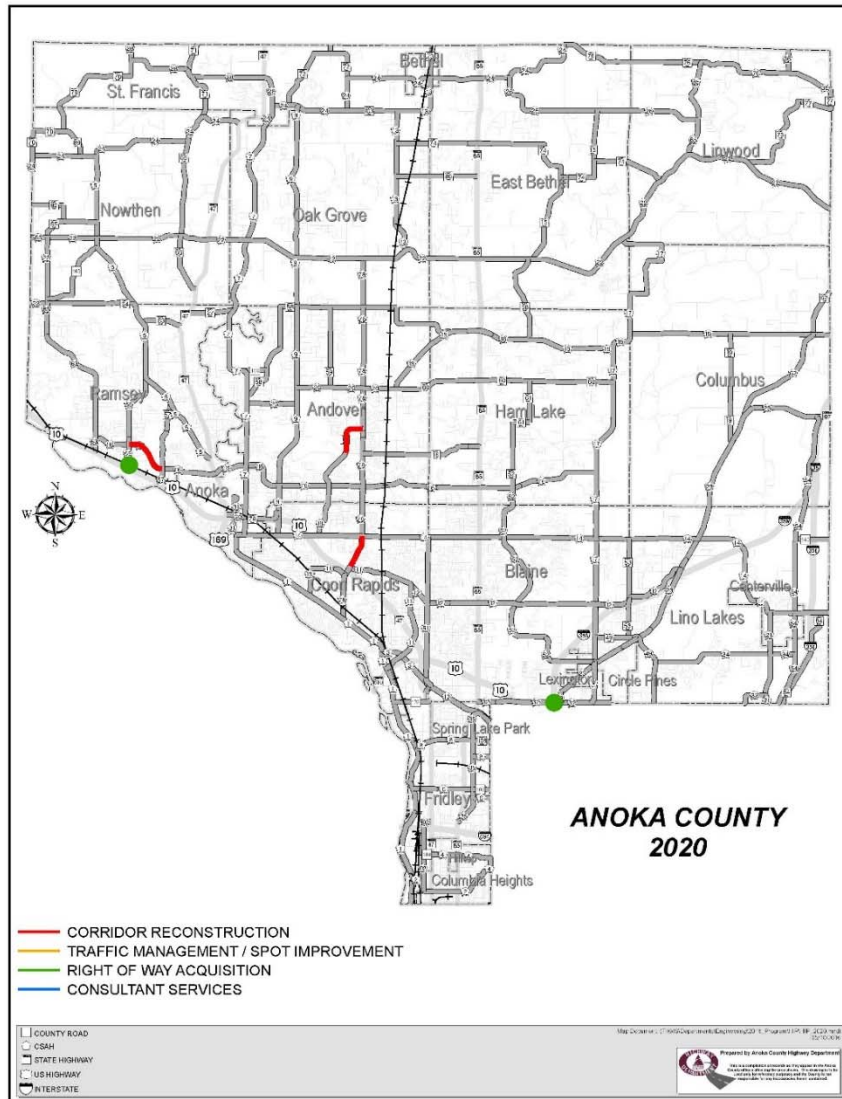
Upcoming Projects



ANOKA COUNTY HIGHWAY DEPARTMENT
2019 Unfunded Highway Improvement Plan

		FUNDING						
Project #	Description	County	Federal	State	City/Town	Other	Total	Notes
2019								
Rehabilitation		\$9,750,000					\$9,750,000	
18-01-00	Overlays (Bituminous And Concrete)	\$8,500,000					\$8,500,000	
18-02-00	Crack Sealing	\$750,000					\$750,000	
18-07-00	Bridge Maintenance	\$300,000					\$300,000	
18-08-00	Signal Painting	\$100,000					\$100,000	
Unassigned RR Crossing Repairs		\$100,000					\$100,000	BNSF RR
Reconstruction Program (295)		\$12,250,000	\$7,500,000	\$0	\$4,750,000	\$7,000,000	\$31,500,000	
Unknown	CSAH 7 From 38th Ave. To 41st Ave.	\$1,750,000			\$750,000		\$2,500,000	
Unknown	CSAH 11 from CSAH 1 to CR 3	\$4,000,000	\$7,500,000		\$2,000,000	\$7,000,000	\$20,500,000	Other = CTIB
Unknown	CSAH 17 from I-35W to CSAH 14	\$3,000,000			\$1,500,000		\$4,500,000	
Unknown	CSAH 116 from Jefferson to TH 65	\$3,500,000			\$500,000		\$4,000,000	
Traffic Management (293)		\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000	
18-77-00	ATMS Interconnect (293)	\$500,000					\$500,000	
18-77-00	FYA Conversions (293)	\$100,000					\$100,000	
Misc Projects		\$500,000					\$500,000	
Infrastructure Improvement Programs		\$2,588,510					\$2,588,510	
RR Grade Separation Projects (296)		\$750,000					\$750,000	For Future Project TBD
TH 18 Improvements (297)		\$1,000,000					\$1,000,000	For Future Project TBD
TBL/Local CR Turnback/Local Initiated Projects (295)		\$500,000					\$500,000	
RTC Annual Payment (295)		\$338,510					\$338,510	
2019 CONSTRUCTION TOTALS		\$25,688,510	\$7,500,000	\$0	\$4,750,000	\$7,000,000	\$44,938,510	
ROW ACQUISITION								
Unknown	CR 13 from Andover Blvd. to CSAH 78	\$2,000,000					\$2,000,000	
Unknown	CSAH 78 from CSAH 11 to CSAH 14	\$2,000,000					\$2,000,000	
Unknown	CSAH 116 from CSAH 87 to CSAH 58	\$1,000,000					\$1,000,000	
Misc Acquisition		\$250,000					\$250,000	
2019 ROW ACQUISITION TOTALS		\$5,250,000	\$0	\$0	\$0	\$0	\$5,250,000	
CONSULTANT SERVICES								
Unknown	I-35W @ CR J - North Entrance Ramp	\$800,000					\$800,000	
Unknown	CSAH 56 Railroad Grade Separation	\$750,000			\$750,000		\$1,500,000	
Misc Services		\$500,000					\$500,000	
2019 CONSULTANT SERVICES TOTALS		\$2,050,000	\$0	\$0	\$750,000	\$0	\$2,800,000	
PLANNING/STUDIES								
Corridor Studies		\$250,000					\$250,000	
Environmental Studies		\$250,000					\$250,000	
2019 PLANNING/STUDIES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
2019 HIGHWAY PROGRAM TOTALS		\$33,488,510	\$7,500,000	\$0	\$5,500,000	\$7,000,000	\$53,488,510	

Upcoming Projects



ANOKA COUNTY HIGHWAY DEPARTMENT 2020 Unfunded Highway Improvement Plan

		FUNDING						
		County	Federal	State	City/Town	Other	Total	
Project #	Description							Notes
2020								
	Rehabilitation	\$9,750,000					\$9,750,000	
20-01-00	Overlays (Bituminous And Concrete)	\$8,500,000					\$8,500,000	
20-02-00	Crack Sealing	\$750,000					\$750,000	
20-03-00	Bridge Maintenance	\$300,000					\$300,000	
20-04-00	Signal Painting	\$100,000					\$100,000	
Unassigned	RR Crossing Repairs	\$100,000					\$100,000	BNSF RR
Reconstruction Program (2955)		\$15,000,000	\$0	\$0	\$3,500,000	\$0	\$18,500,000	
Unknown	CR 18 from Andover Blvd. to CSAH 78	\$5,000,000			\$1,500,000		\$6,500,000	
Unknown	CSAH 78 from CSAH 11 to CSAH 14	\$4,000,000			\$1,000,000		\$5,000,000	
Unknown	CSAH 116 from CSAH 57 to CSAH 56	\$6,000,000			\$1,000,000		\$7,000,000	
Traffic Management (2935)		\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000	
20-77-00	ATMS Interconnect (2935)	\$500,000					\$500,000	
20-77-00	PYA Conversions (2935)	\$100,000					\$100,000	
	Misc Projects	\$500,000					\$500,000	
Infrastructure Improvement Programs		\$2,588,510					\$2,588,510	
	RR Grade Separation Projects (2956)	\$750,000					\$750,000	For Future Project TBD
	TH 10 Improvements (2957)	\$1,000,000					\$1,000,000	For Future Project TBD
TBILocal	CR Turnbacks/Local Initiated Projects (2955)	\$500,000					\$500,000	
RTC	Annual Payment (2955)	\$338,510					\$338,510	
2020 CONSTRUCTION TOTALS		\$28,438,510	\$0	\$0	\$3,500,000	\$0	\$31,938,510	
ROW ACQUISITION								
Unknown	I-39W @ CR J - North Entrance Ramp	\$500,000					\$500,000	
Unknown	CSAH 56 Railroad Grade Separation	\$2,000,000			\$2,000,000		\$5,000,000	Other = CTIB
	Misc Acquisition	\$250,000					\$250,000	
2020 ROW ACQUISITION TOTALS		\$2,750,000	\$0	\$0	\$2,000,000	\$0	\$5,750,000	
CONSULTANT SERVICES								
	Misc Services	\$500,000					\$500,000	
2020 CONSULTANT SERVICES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
PLANNING/STUDIES								
	Corridor Studies	\$250,000					\$250,000	
	Environmental Studies	\$250,000					\$250,000	
2020 PLANNING/STUDIES TOTALS		\$500,000	\$0	\$0	\$0	\$0	\$500,000	
2020 HIGHWAY PROGRAM TOTALS		\$33,188,510	\$0	\$0	\$5,500,000	\$0	\$38,688,510	



Questions

ACEC of Minnesota County Forecasting Seminar May 20, 2016

Douglas W. Fischer, PE
County Engineer
Anoka County Highway Department