



**Date:** February 26, 2010

**To:** Mark Cotter, Director of Public Works  
Mike Cooper, Director of Planning and Building Services  
Jeff Schmitt, Assistant Director of Planning and Building Services  
Steve Van Buskirk, VanBuskirk Companies, Incorporated  
Preston Mettler, Mettler Construction  
Orrin Oliver, Oliver Excavating  
Matt Carlson, Carl V. Carlson Company  
Steve Brockmueller, Heartland Engineering  
Myron Adam, JSA Engineering  
Tim Galbraith, MidAmerican Energy  
Bill Kemmis, Midcontinent Communications  
Mark Vellinga, Graham Organization  
Pat Beckman, Beckman Realty & Development

**From:** Chad J. Huwe, City Engineer

**Subject:** INFRASTRUCTURE REVIEW ADVISORY BOARD (IRAB) MEETING

IRAB will meet on **Wednesday, March 3, 2010 at 8:30 a.m., at the Oak View Library, 3700 East 3<sup>rd</sup> Street.**

**AGENDA**

1. Approval of Minutes from February 17, 2010
2. Business
  - a. Arterial Street Expansion Program Update (*Shannon Ausen*)

cc: Mayor Munson  
Clerk of Records  
Cindy Sheehan, Home Builders Association

**NOTE:** If you or your alternate are unable to attend this meeting, please call Julie Wilson at 367-8606 or e-mail at [jwilson@siouxfalls.org](mailto:jwilson@siouxfalls.org) as soon as possible.

2010 ARTERIAL STREET IMPROVEMENTS PROJECT INFORMATION SUMMARY																
Tent. Design Yr	Tent. Const Year	Priority No.	Petition No.	Street Section	Existing Surface	Valid Petition 50% or more	# Adjacent Properties Served	Public Facilities	2008 Existing Volume	2025 Future Volume	3 yr crashes >5	Maintenance Impact	Costs of Improvements	Abutting Property Inside City Limits	Street connectivity	Other Info
2009	2010	1	08-04	69th Street: Charger Street to 1091' E of Southeastern Avenue	gravel	Yes, 60%	less than 10	yes, USF, Sioux Falls Christian	700	11,000	5	decrease costs	\$9,113,670	75%	no paved connectivity	overpass included, city property, school and rail safety
2009	2010	2	08-05	Southeastern Avenue: 900' N to 1000' S of 69th Street	gravel	Yes, 70%	4	none	500	8,000	0	decrease costs	\$4,333,450	75%	no paved connectivity	development street continuity, finish connection to high school
2009	2010	3	08-06	Maple Street: Marion Road to Career Avenue	rural asphalt section	Yes, 70%, Renewal	approx 20	yes, school, fire station, 2012-2013	4300	19,300	6	no change	\$3,775,358	100%	no impact, need capacity	renewal, traffic high, fire station 2013, school open 2012
2009	2011	4	08-21	Louise Avenue: 85th Street to 1/2 mile south	rural asphalt section	No, 30%	approx 35	none	5800	9,500	6	no change	\$2,901,000	70%	no impact, need capacity	high traffic, individual home owners have called in support, construct to south city limits
2009	2011	5	S09-19	Western Avenue and 69th Street Intersection	urban street section	no, staff initiated	more than 20	none	17700	53,400	5	no change	\$4,881,350	100%	no impact, need capacity	need SB double left turn lane, EB/WB right turn lane, build 4 lane with median
2009	2011	6	S09-12	41st Street: Sertoma Avenue to Tea Ellis Road	rural asphalt section	no, staff initiated	more than 20	none	6000	19,100	9	no change	\$5,720,000	51%	no impact, need capacity	high traffic, south side outside of city limits, access and drainage study needed
2009	2012	7	S09-10	Western Avenue and 57th St Intersection expansion & widening to Remington Pl	urban street section	no, staff initiated	more than 20	none	28800	59,200	22	no change	\$1,515,200	100%	no impact, need capacity	double left turn lanes all directions, with median
2010	2012	8	09-07	Tea Ellis Road: 26th Street to 41st Street	rural asphalt section	Yes, 50%	more than 20	none	4500	11,100	17	no change	\$4,939,000	75%	no impact, need capacity	capacity for development and safety for turning, grading of back yards, access study needed
2010	2012	9	09-08	Cliff Avenue: 69th Street to 85th Street	rural asphalt section	Yes, 95%	more than 15	USF	6900	15,000	10	no change	\$5,605,000	60%	no impact, need capacity	preliminary engineering and access study completed
2010	2012	10	S09-11	Maple Street: Marion Road to 1/2 mile west	rural asphalt section	no, staff initiated	less than 10	SF Elem School, fire station, park, BMP	2600	15,100	3	no change	\$4,863,000	0%	no impact	major drainage crossing, build to the 1/2 mile for elementary school entrance by fall 2012
2010	2013	11	S09-07	Tea Ellis Road: 12th Street to 26th Street	rural asphalt section	Yes, 50%	more than 20	none	4500	11,100	25	no change	\$4,828,700	75%	no impact, need capacity	capacity for development and safety for turning, grading of back yards, access study needed
2011	2013	12	10-2, S09-18	85th Street: Sundowner to Louise Avenue	gravel and rural asphalt sections	no, staff initiated	more than 20	none	500	20,000	2	increase costs	\$10,947,000	30%	no paved connectivity	85th/129/1229 Study submitted to FHWA for consideration, bridge not included in costs
2011	2013	13	S09-14	Tallgrass Ave: 69th to 85th Street	gravel	no, staff initiated	less than 15	none	200	15,000	2	increase costs	\$5,413,000	75%	no paved connectivity	85th/129/1229 Study completed submitted to FHWA for consideration
2012	2014	14	S09-09	Benson Road: Career Avenue to Marion Road	rural asphalt section	no, staff initiated	less than 20	possible West Central School	2400	7,600	1	no change	\$2,741,500	100%	no impact	capacity needed for development and safety for turning, grading of back yards
2012	2014	15	S09-15	49th Street: Western to Minnesota Avenue	does not exist	no, staff initiated	15	none	0	20,000	0	increase costs	\$6,556,000	100%	no impact, need capacity	Property acquisition at 49th and Western completed, continuing with acquisition to Minnesota Avenue, plans are 75% completed
2012	2014	16	05-02	Louise Avenue: Madison Street to Teem Drive	rural asphalt section	Yes, 85%	less than 10	none	2100	9,000	1	no change	\$2,709,500	100%	no impact	high truck traffic, sidewalk will be assessed to property owners, drainage concerns
2012	2014	17	08-18	Six Mile Road: 12th Street to Approx 1/2 mile North	rural asphalt section	Yes, 50%	less than 10	Assam Elem School	700	13,400	2	no change	\$2,452,000	50%	no impact	opened fall 2009, turning traffic concern, no sidewalks
2012	2014	18	08-13, 09-05	Sycamore Avenue: 57th Street to 69th Street	gravel	Yes, 75%	less than 10	none	500	6,000	2	decrease costs	\$3,319,000	70%	no paved connectivity	
2010	2012	19	08-14, 08-15, 08-24, 09-04	57th Street: Sycamore Avenue to SD Hwy 11	rural asphalt section	Yes, 60%	less than 10	none	2200	18,600	11	no change	\$5,094,000	60%	poor street condition	Programmed in CIP for 2012, STP funded SDDOT rebuilding SD Hwy 11 including this intersection. Building out to full width would match up better with the east leg.
	2012		10-01	41st Street: Harmodon Park Entrance to SD Hwy 11	rural asphalt section	yes, 50%	less than 10	Harmodon Park	3000	9,000	2	no change	\$1,033,000	75%	no impact, need capacity	
<b>Long Range Projects, 5 years plus</b>																
			04-12	Marion Road: Madison Street to Teem Street	rural asphalt section	Yes, 85%	Approx 15	none	4200	18,000	7	no change	\$2,051,000	100%	no impact	
			08-09, S09-20 (02-05 expired)	69th Street: Tea Ellis Road to Sundowner Avenue and then Sundowner to 1379' E of Sundowner Avenue	gravel	Yes, 50%	Approx 38	none	250	4,400	2	decrease costs	\$5,053,977	50%	no paved connectivity	85th/129/1229 Study, combined with 02-05petition expired, consider 1/2 urban street on north side
			08-19	26th Street: SD Hwy 11 to Shafer Drive	rural asphalt section	Yes, 50%	5	none	5300	19,000	5	no change	\$2,059,400	50%	no impact	capacity needed for turning vehicles recently widened with SD 11 project,
			08-20	Benson Road: Marion Road to 1/2 mile West	gravel	Yes, 50%	3	none	500	7,100	1	decrease costs	\$1,934,000	50%	no paved connectivity	
			08-01, 08-22, 08-25, 09-04	57th Street: Hwy 11 to 2 Miles E of SD Hwy 11	gravel	Yes, 60%	approx 20	none	500	19,700	6	decrease costs	\$10,611,000	80%	no paved connectivity	need to prepare an environmental assessment before final design
			08-23	SD Hwy 11: 57th Street to 2150' S of 57th Street	rural asphalt section	Yes, 50%	less than 10	none	5000	20,400	11	no change	\$2,352,000	75%	no impact	South Dakota State Highway
			09-01	Madison Street: Dubuque Avenue to 1/2 mile east of SD100	rural concrete section	Yes, 50%	approx 15	none	3300	11,900	3	no change	\$4,822,000	60%	no impact	
			09-03	Six Mile Road: 41st Street to 57th Street	gravel	Yes, 90%	less than 10	none	500	10,800	6	no change	\$4,419,000	90%	no paved connectivity	
			S09-13	60th Street North: Cliff Avenue to I229	rural asphalt section	no, staff initiated	more than 15	none	4300	18,600	6	no change	\$5,533,000	50%	no impact, street poor condition	coordinate with SDDOT, access study needed, portions outside city limits
			06-06	Western Avenue: 1/4 Mile south of 85th Street to 1/2 mile south	rural asphalt section	No, 30%	less than 10	none	650	3,000	0	no change	\$822,000	40%	no paved connectivity	constructed rural asphalt section in 2008
			08-02	85th Street: Cliff Avenue to Minnesota Avenue	gravel	No, 40%	less than 10	none	500	7,500	0	decrease costs	\$3,934,000	50%	paved connectivity	Adjacent property owners verbally supported but didn't sign petition
			08-08	Sundowner Avenue: 391' S of 69th Street to 2983' S of 69th Street	gravel	No, 45%	5	none	500	3,800	2	decrease costs	\$2,106,000	45%	no paved connectivity	85th/129/1229 Study complete