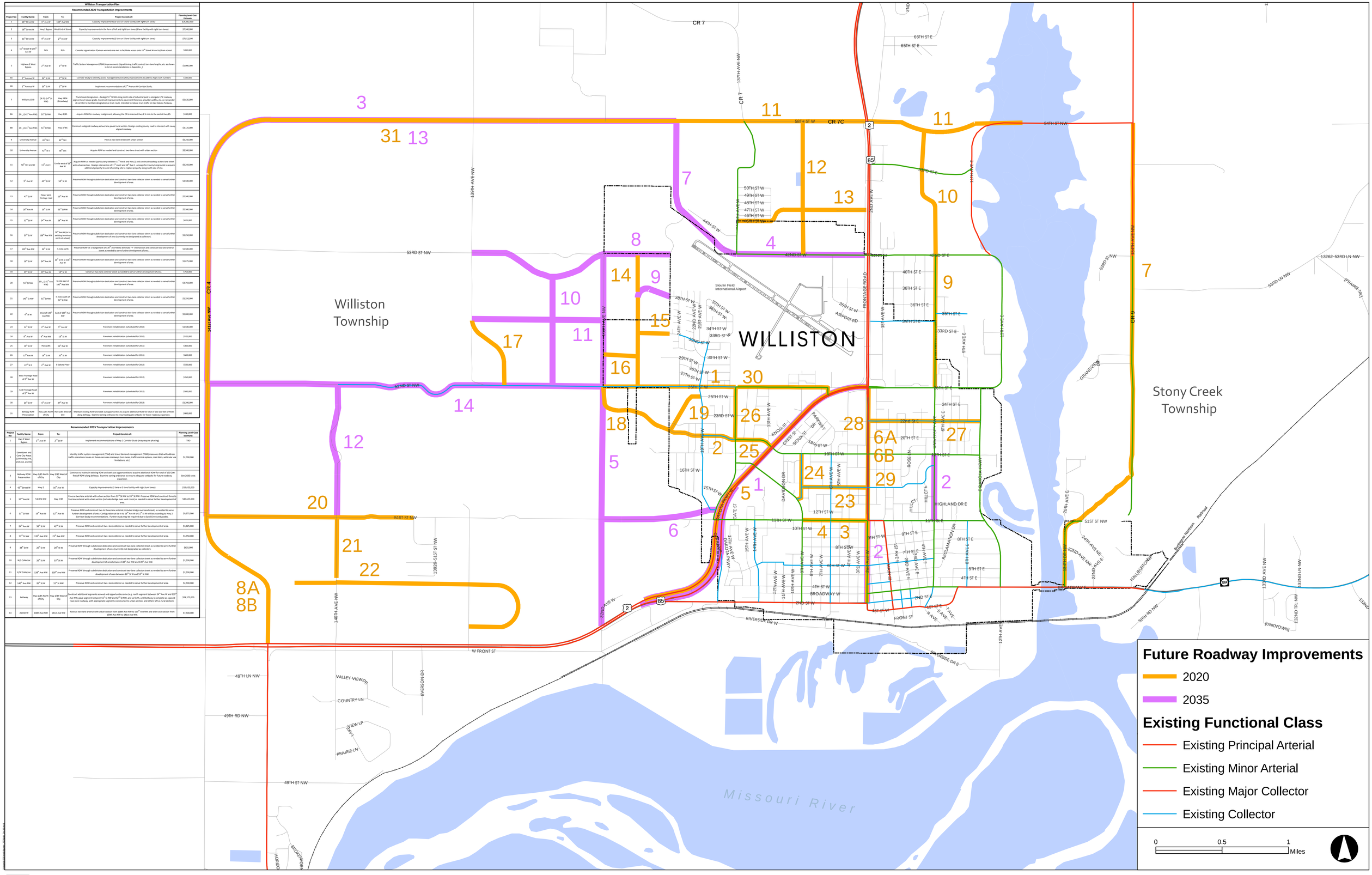
Williston Transportation Plan

Recommended 2020 Transportation Improvements

Project No	Facility Name:	From:	To:	Project Consists of:	Planning Level Cost Estimate
1	2nd Street W	4th Ave W	138th Ave NW	Capacity improvements (3 lane or 5 lane facility with right turn lanes)	$26,562,500
2	18th Street W	Hwy 2 Bypass	West End of Street	Capacity improvements in the form of left and right turn lanes (3 lane facility with right turn lanes)	$7,500,000
3	11th Street W	9th Ave W	2nd Ave W	Capacity Improvements (3 lane or 5 lane facility with right turn lanes)	$7,812,500
4	17th Street W at 8th Ave W	N/A	N/A	Consider signalization if/when warrants are met to facilitate access onto 17th Street W and to/from school.	$200,000
5	Highway 2 West Bypass	2nd Ave W	2nd St W	Traffic System Management (TSM) improvements (signal timing, traffic control, turn lane lengths, etc. as shown in list of recommendations in Appendix _)	$1,000,000
6A	4th Avenue W	26th St W	2nd St W	Corridor Study to identify access management and safety improvements to address high crash numbers	$100,000
6B	2nd Avenue W	26th St W	2nd St W	Implement recommendations of 2nd Avenue W Corridor Study.	
7	Williams CR 9	CR 7C (54th St NW)	Hwy 1804 (Broadway)	Truck Route Designation – Realign 55th St NW along north side of industrial park to elongate CR4 roadway segment and reduce grade. Construct improvements to pavement thickness, shoulder widths, etc. on remainder of corridor to facilitate designation as truck route. Intended to reduce truck traffic on East Dakota Parkway.	$3,625,000
8A	CR _ (141st Ave NW)	51st St NW	Hwy 1391	Acquire ROW for roadway realignment, allowing the CR to intersect Hwy 2 ½ mile to the east at Hwy 85.	$150,000
8B	CR _ (141st Ave NW)	51st St NW	Hwy 52 W1	Construct realigned roadway as two lane paved rural section. Realign existing county road to intersect with newly aligned roadway.	$3,125,000
9	University Avenue	28th St E	42nd St E	Pave as two lane street with urban section	$6,250,000
10	University Avenue	42nd St E	58th St E	Acquire ROW as needed and construct two lane street with urban section	$2,500,000
11	58th St E and W	11th Ave E	½ mile west of 16th Ave W	Acquire ROW as needed (particularly between 11th Ave E and Hwy 2) and construct roadway as two lane street with urban section. Realign intersection of 11th Ave E and 58th Ave E. Arrange for County Fairgrounds to acquire additional property to west of existing site to replace property along north side of site.	$6,250,000
12	4th Ave W	42nd St W	58th St W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$2,500,000
13	42nd St W	Hwy 2 west frontage road	16th Ave W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$2,500,000
14	28th Ave W	26th St W	14th St NW	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$2,500,000
15	50th St W	24th Ave W	28th Ave W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$625,000
16	26th St W	138th Ave NW	28th Ave W (or to existing terminus north of school)	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area (currently not designated as collector).	$1,250,000
17	124th Ave NW	26th St W	½ mile north	Preserve ROW for a realignment of 128th Ave NW to eliminate "Y" intersection and construct two lane arterial street as needed to serve further development of area.	$1,500,000
18	18th St W	24th Ave W	26th St W at 138th Ave W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$1,875,000
19	25th St W	13th Ave W	16th St W	Construct two-lane collector street as needed to serve further development of area.	$750,000
20	51st St NW	CR _ (141st Ave NW)	½ mile east of 160th Ave NW	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$3,750,000
21	146th St NW	51st St NW	½ mile south of 52nd St NW	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$1,250,000
22	4th St W	West of 160th Ave NW	East of 159th Ave NW	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area.	$5,000,000
23	16th St W	2nd Ave W	9th Ave W	Pavement rehabilitation (scheduled for 2010)	$1,500,000
24	9th Ave W	9th Ave NW	18th St W	Pavement rehabilitation (scheduled for 2010)	$525,000
25	19th St W	Hwy 1391	16th Ave W	Pavement rehabilitation (scheduled for 2011)	$360,000
26	12th Ave W	18th St W	26th St W	Pavement rehabilitation (scheduled for 2011)	$500,000
27	21st St E	2nd Ave W	E Dakota Pkwy	Pavement rehabilitation (scheduled for 2012)	$350,000
28	West Frontage Road of 2nd Ave W			Pavement rehabilitation (scheduled for 2012)	$250,000
29	East Frontage Road of 2nd Ave W			Pavement rehabilitation (scheduled for 2012)	$500,000
30	26th St W	6th Ave W	21st Ave W	Pavement rehabilitation (scheduled for 2013)	$1,200,000
31	Railway ROW Preservation	Hwy 2/85 North of City	Hwy 2/85 West of City	Maintain existing ROW and seek out opportunities to acquire additional ROW for total of 150-200 feet of ROW along railway. Examine zoning ordinance to ensure adequate setbacks for future roadway expansion.	$800,000

Recommended 2035 Transportation Improvements

Project No	Facility Name:	From:	To:	Project Consists of:	Planning Level Cost Estimate
1	Hwy 2 West Bypass	2nd Ave W	2nd St W	Implement recommendations of Hwy 2 Corridor Study (may require phasing)	TBD
2	Downtown and Core City Areas (University Ave, 2nd Ave, 2nd St)			Identify traffic system management (TSM) and travel demand management (TDM) measures that will address traffic operations issues on these core area roadways (turn lanes, traffic control options, road diets, vehicular use limitations, etc.)	$2,000,000
3	Beltway ROW Preservation	Hwy 2/85 North of City	Hwy 2/85 West of City	Continue to maintain existing ROW and seek out opportunities to acquire additional ROW for total of 150-200 feet of ROW along beltway. Examine zoning ordinance to ensure adequate setbacks for future roadway expansion.	See 2020 costs
4	42nd Street W	Hwy 2	16th Ave W	Capacity Improvements (3 lane or 5 lane facility with right turn lanes)	$15,625,000
5	12th Ave W	53rd St NW	Hwy 2/85	Pave as two-lane arterial with urban section from 53rd St NW to 26th St NW. Preserve ROW and construct three to five-lane arterial with urban section (includes bridge over sand creek) as needed to serve further development of area.	$30,625,000
6	51st St NW	13th Ave W	12th Ave W	Preserve ROW and construct two to three-lane arterial (includes bridge over sand creek) as needed to serve further development of area. Configuration at tie-in to 18th Ave W or 17th St W will be according to Hwy 2 Corridor Study recommendations. Further study may be required due to Sand Creek and grades.	$9,375,000
7	24th Ave W	58th St W	42nd St W	Preserve ROW and construct two-lane collector as needed to serve further development of area.	$3,125,000
8	15th St NW	139th Ave NW	21st Ave NW	Preserve ROW and construct two-lane collector as needed to serve further development of area.	$3,750,000
9	38th St W	21st St W	28th St W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area (currently not designated as collector).	$625,000
10	N/S Collector	26th St W	51st St W	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area between 138th Ave NW and 139th Ave NW.	$2,500,000
11	E/W Collector	138th Ave NW	139th Ave NW	Preserve ROW through subdivision dedication and construct two-lane collector street as needed to serve further development of area between 26th St W and 51st St NW.	$2,500,000
12	140th Ave NW	26th St W	51st St NW	Preserve ROW and construct two- lane collector as needed to serve further development of area.	$2,500,000
13	Beltway	Hwy 2/85 North of City	Hwy 2/85 West of City	Construct additional segments as need and opportunities arise (e.g. north segment between 24th Ave W and 139th Ave NW; pave segment between 51st St NW and 52nd St NW, and so forth, until beltway is complete as a paved, two-lane roadway, with appropriate segments constructed to urban section, and others left as rural section).	$24,375,000
14	26thSt W	138th Ave NW	141st Ave NW	Pave as two-lane arterial with urban section from 138th Ave NW to 139th Ave NW and with rural section from 139th Ave NW to 141st Ave NW.	$7,500,000



SRF Consulting Group, Inc.

Future Roadway Improvements

Williston Comprehensive and Transportation Plan

Williston, North Dakota