

CIP PROJECT D20 Construction of Clifton Channel Improvements south of 47th St. South. (Replaces projects D8, D9, D10 and D16 in 2003-2007 CIP)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Between Clifton and K-15 from a point just south of 47th St. South to a point a quarter mile south of 55th St. South

2. Work to be Performed:

- a) Construct a channel to convey drainage from the bridge under K-15 to the existing channel west of Clifton

3. Justification:

- a) Construction of this project will improve drainage in the area, convey runoff from Boeing through the area, minimize flooding of adjacent properties and prevent flooding of Clifton.

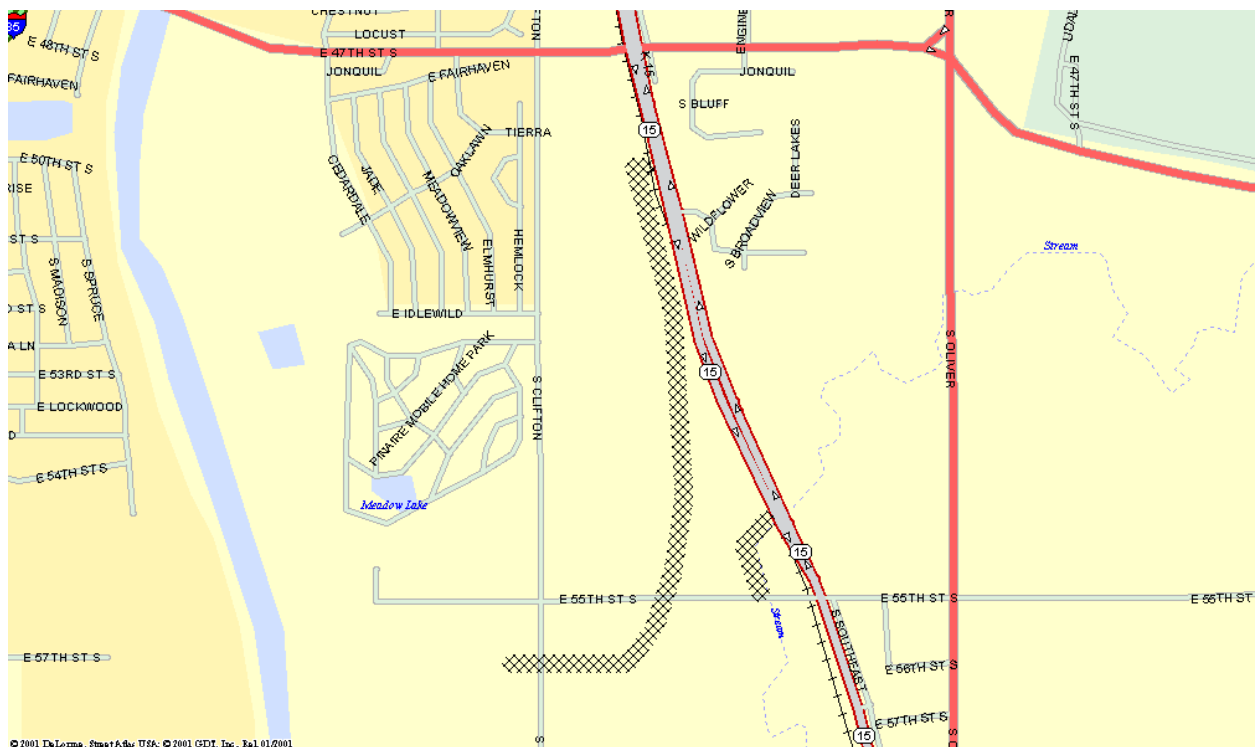
4. Impact on Operating Budget:

- a) The channel will require mowing from one to six times annually. Inspection will determine frequency.

5. Additional Data: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior	2006	2007	2008	2009	2010	Total
Design	Bond, OF	155,000						155,000
Right of Way	OF	140,000						140,000
Utility Relocation	OF	100,000						100,000
Construction	Bond				1,500,000			1,500,000
Total		395,000			1,500,000			1,895,000



CIP PROJECT D14 Channel Realignment and Improvement at 55th St. South and Oliver

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 55th St. South and Oliver

2. Work to be Performed:

- a) This project realigns the channel and makes other related improvements

3. Justification:

- a) Construction of this project will improve drainage in the area, enhance local property values and minimize flooding of adjacent properties. This is consistent with the mission of the Stormwater Management Department.

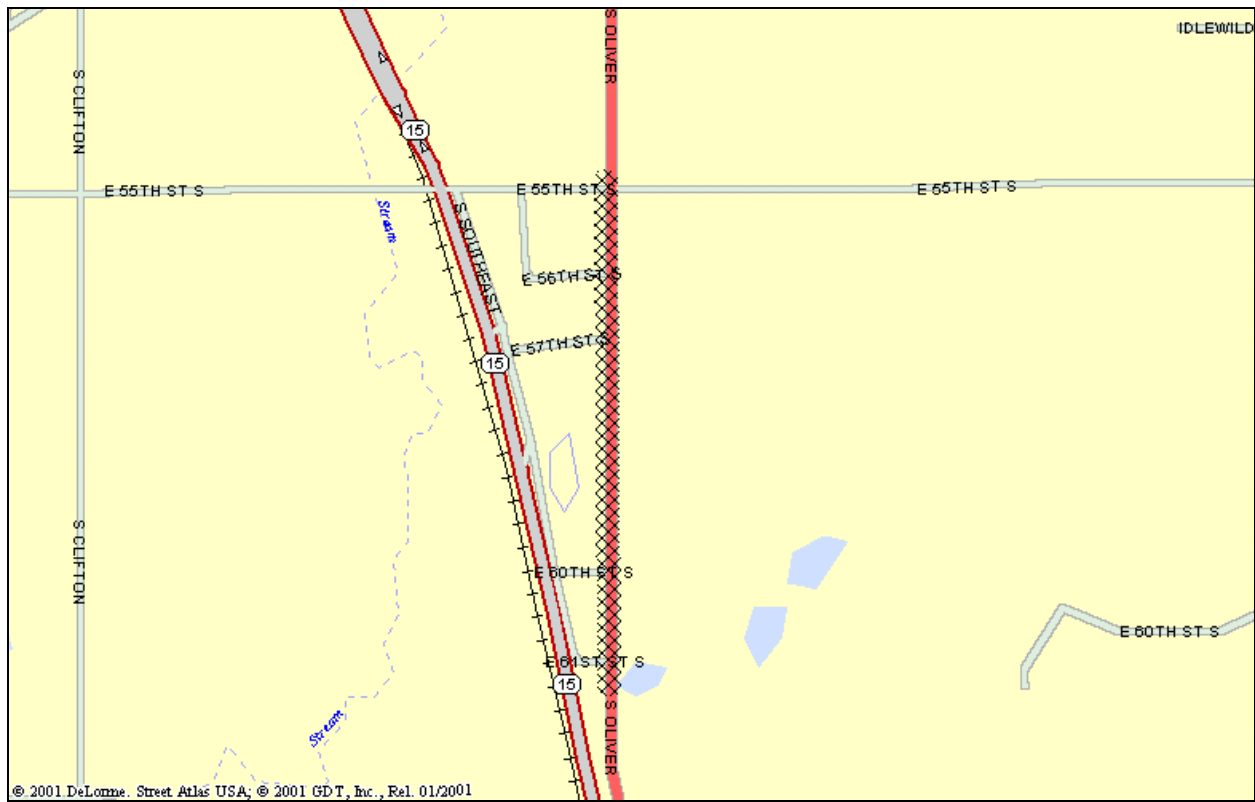
4. Impact on Operating Budget:

- a) None anticipated.

5. Additional Data: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	Bond	20,000						20,000
Right of Way	OF	50,000						50,000
Utility Relocation	OF			40,000				40,000
Construction	Bond				300,000			300,000
Total		70,000		40,000	300,000			410,000



CIP PROJECT D11 Channel improvements on Bluff from 87th St. South to 103rd St. South and along 103rd St. South to the Arkansas River

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Bluff from 87th St. South to 103rd St. South and along 103rd St. South to the Arkansas River

2. Work to be Performed:

- a) This project will improve roadside ditch drainage capability as well as make related channel improvements.

3. Justification:

- a) Construction of this project will improve drainage in the area, enhance local property values and minimize flooding of adjacent properties. This is consistent with the mission of the Stormwater Management Department.

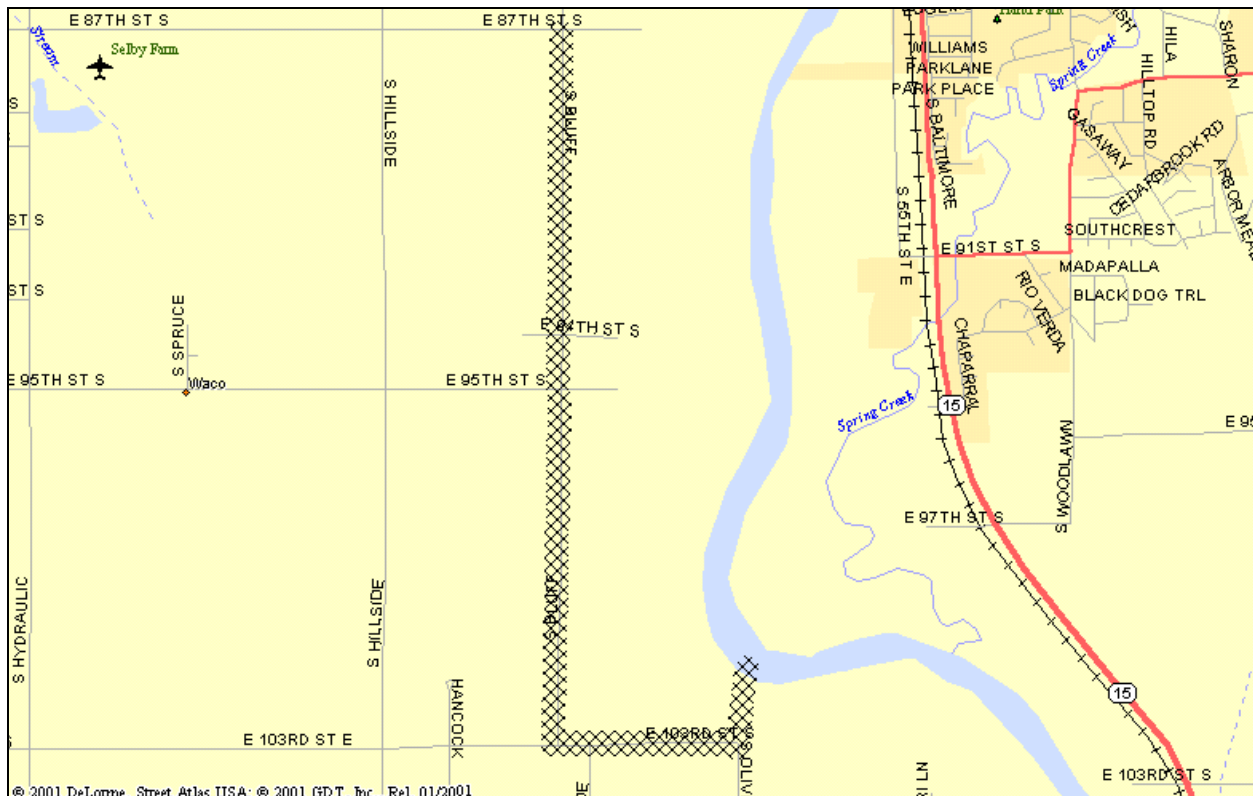
4. Impact on Operating Budget:

- a) None beyond current maintenance anticipated.

5. Additional Data: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior	2006	2007	2008	2009	2010	Future	Total
Design	Bond	50,000							50,000
Right of Way	Bond				190,000				190,000
Utility Relocation	OF					100,000			100,000
Construction	OF						1,500,000		1,500,000
Total		50,000			190,000	100,000	1,500,000		1,840,000



CIP PROJECT D6 Construction of Cowskin Diversion Channel (including Cowskin Ridge) South of Haysville–Phase 2

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Cowskin Diversion Channel (including Cowskin Ridge) south of Haysville

2. Work to be Performed:

- a) Constructs open diversion channel connecting with Phase 1 and proceeds southeast to Cowskin at 95th

3. Justification:

- a) Construction of this project will improve drainage in the area, enhance local property values and minimize flooding of adjacent properties. This is consistent with the mission of the Stormwater Management Department.

4. Impact on Operating Budget:

- a) The channel will require mowing from one to six times annually. Inspection will determine frequency.

5. Additional Data: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Future	Total
Design	Bond	150,000							150,000
Right of Way	OF					250,000			250,000
Utility Relocation	OF						180,000		180,000
Construction	OF							2,120,000	2,120,000
Total		150,000				250,000	180,000	2,120,000	2,700,000



CIP PROJECT R134 Utility Relocation and Right of Way Acquisition at Various Locations

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Various

2. Work to be Performed:

 a) Right of Way Acquisition and/or Utility Relocation

3. Justification:

 a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

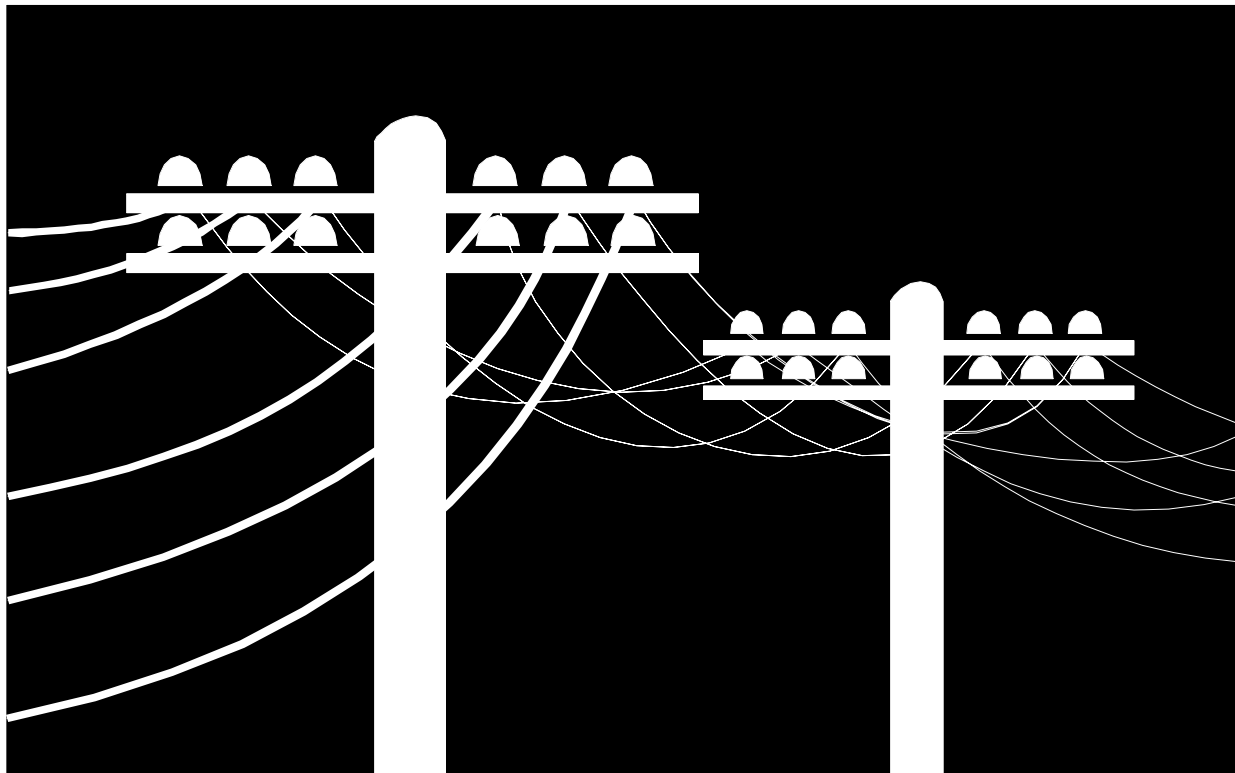
4. Impact on Operating Budget:

 a) None

5. Additional Data: Traffic Volume: N/A
 Street Function: Various

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Construction	LST	100,000	200,000	200,000	200,000	200,000	200,000	1,100,000
Total		100,000	200,000	200,000	200,000	200,000	200,000	1,100,000



CIP PROJECT R175 Preventive Maintenance on Selected Roads

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Selected Roads (2006 roads shown on next page) based on a rotating five-year schedule

2. Work to be Performed:

- a) Maintenance overlays and seals

3. Justification:

- a) Overlays will be applied to roads in good condition but with minor pavement distress. Pavement life will be prolonged. Choice of pavement overlay varies based on condition of the pavement and are listed below.
- b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

- a) None

5. Additional Data: Traffic Volume: N/A
Street Function: Various

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Construction	LST	2,633,000	4,066,750	2,067,500	4,300,000	3,570,000	1,500,000	18,137,250
Total		2,633,000	4,066,750	2,067,500	4,300,000	3,570,000	1,500,000	18,137,250

Latex Modified Slurry Seal (LMSS) – an Ultrathin Bonded Wearing Course consisting of latex modified emulsified hot asphalt, approximately ¼” to ½” thickness

Nova Chip® – an Ultrathin Bonded Wearing Course consisting of Polymer Modified Emulsion Membrane with an ultrathin overlay of hot asphalt concrete, thickness between ½” and ¾”

Asphalt Surface Rejuvenation – rehabilitating of the surface layer of existing asphalt concrete pavement, and then placing a minimum of 1 inch” overlay of new hot mix asphalt concrete

BM-1 Overlay – consist of constructing one or more lifts of bituminous mixture (minimum thickness of 1 inch thickness)

Ultrathin Rubberized Surface Seal (URSS) – an Ultrathin Bonded Wearing Course consisting of crumb rubber hot asphalt and high quality aggregate (approximately ½ to 1 inch thickness)

Cold Mix – Commercially produced cold mix asphalt for overlays (Does not include cold mix asphalt produced by Sedgwick County)

Estimated Miles of Preventive Maintenance by Year							
Type	Prior Yr.	2006	2007	2008	2009	2010	Total
LMSS	18.50	20.00	15.00	34.00	0.00	0.00	87.50
Nova Chip	19.50	35.00	20.00	50.00	18.75	14.50	157.75
Rejuvenation	4.75	7.00	5.00	8.00	20.25	4.50	49.50
BM-1 Overlay	0.00	20.00	11.50	20.00	0.00	0.00	51.50
URSS	16.00	15.00	15.00	15.00	15.00	15.00	91.00
Cold Mix	0.00	13.00	0.00	0.00	0.00	0.00	13.00
Total	58.75	110.00	66.50	127.00	54.00	34.00	450.25

CIP PROJECT R175 Preventive Maintenance on Selected Roads (Continued)**Roads Proposed for Maintenance Overlays and Seals in 2006**

<u>Road Number</u>	<u>Location</u>
634-25, 26, 27	63rd South between Meridian & Hydraulic
642-31	95th South between K-15 & Rock
835-s 1/2 R, S, T, U, V, W	Greenwich between Pawnee & 63rd South
807-K, L, N 1/2 M	Maize Road between 37th Street North and 45th Street North
813-J, K, L, N 1/2 M	Hoover between 25th North & 53rd North
817-A, B, C, D, N 1/2 E	Meridian between 93rd Street North & Harvey County Line
799-J, K, L, M, N, O, P, Q	Colwich Road between US 54 & 53rd North
811-U, V	Ridge between MacArthur & 55th South
622-E 1/2 33, 34, 35, 36	Harry between 127th Street East & Butler County Line
632-22, 23, 24, W 1/2 25	55th South between Meridian & Ridge
606-11 thru 19	53rd North between Andale Road and Maize Road
823-BB, CC, DD	Hydraulic between 95th South and Sumner County Line
797-CC	183rd West between 103rd South and 111th South
594-34, 35, 36	101st North between Greenwich & Butler County Line
642-27, 28	95th South between Broadway & Hillside
624-14	23rd South between 183rd West & 199th West
797-R	183rd West between US 54 & 23rd South
821-A, B, C, D, E, F, G, H	Broadway between 93rd North & HCL
644-15, 16	103rd South between Clearwater and Viola
646-10, 11, 12, 13, 14	111th South between Clearwater and Viola
628-10	MacArthur Road by Lake Afton
592-17 thru 21	109th North between 151st West & Ridge Road
823-D, E	Hydraulic between 85th North and 101st North
801-A, B	151st West between 109th North & 125th North

CIP PROJECT R279 Intelligent Transportation System Project

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description: Intelligent Transportation System Project

1. Location

2. Work to be Performed:

- a) Studies, design and implementation of elements of an intelligent transportation system. The projects identified will integrate geographic information systems, global positioning systems and state of the art traffic monitoring and control systems to improve traffic flow and safety.

3. Justification:

- a) As traffic corridors become more congested, space for traffic improvements remains limited and the cost of construction increases. There is a need to implement elements of an intelligent transportation to improve traffic flow and safety.

4. Impact on Operating Budget:

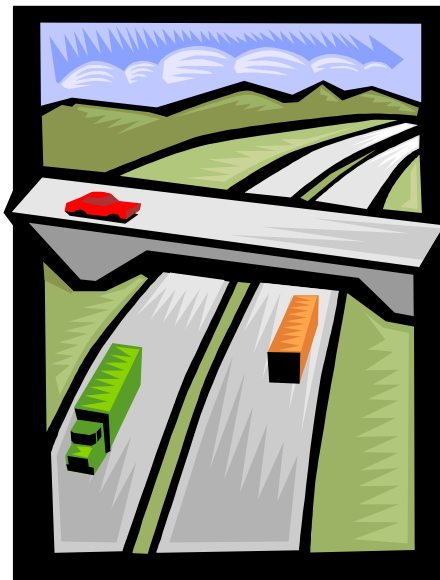
- a) To be determined

5. Additional Data: Traffic Volume: N/A

Street Function: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Implementation	LST	250,000	250,000	250,000	250,000	0	0	1,000,000
Implementation	COW	250,000	250,000	250,000	250,000	0	0	1,000,000
Implementation	KDOT	750,000	750,000	750,000	750,000	0	0	3,000,000
Total		1,250,000	1,250,000	1,250,000	1,250,000	0	0	5,000,000



CIP PROJECT R253 Widen to 4-lanes 13th St. North between K-96 and 159th St. East
(616-e ½ 34, 35, 36)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 13th St. North between K-96 and 159th St. East (616-e ½ 34, 35, 36)

2. Work to be Performed:

a) Widen to 4-lanes

3. Justification:

a) The eastern most mile of 13th St. North adjacent to the county line is unpaved. Due to significant increases in traffic in that area, it is necessary to create a 4-lane roadway along the entire section east of K-96.

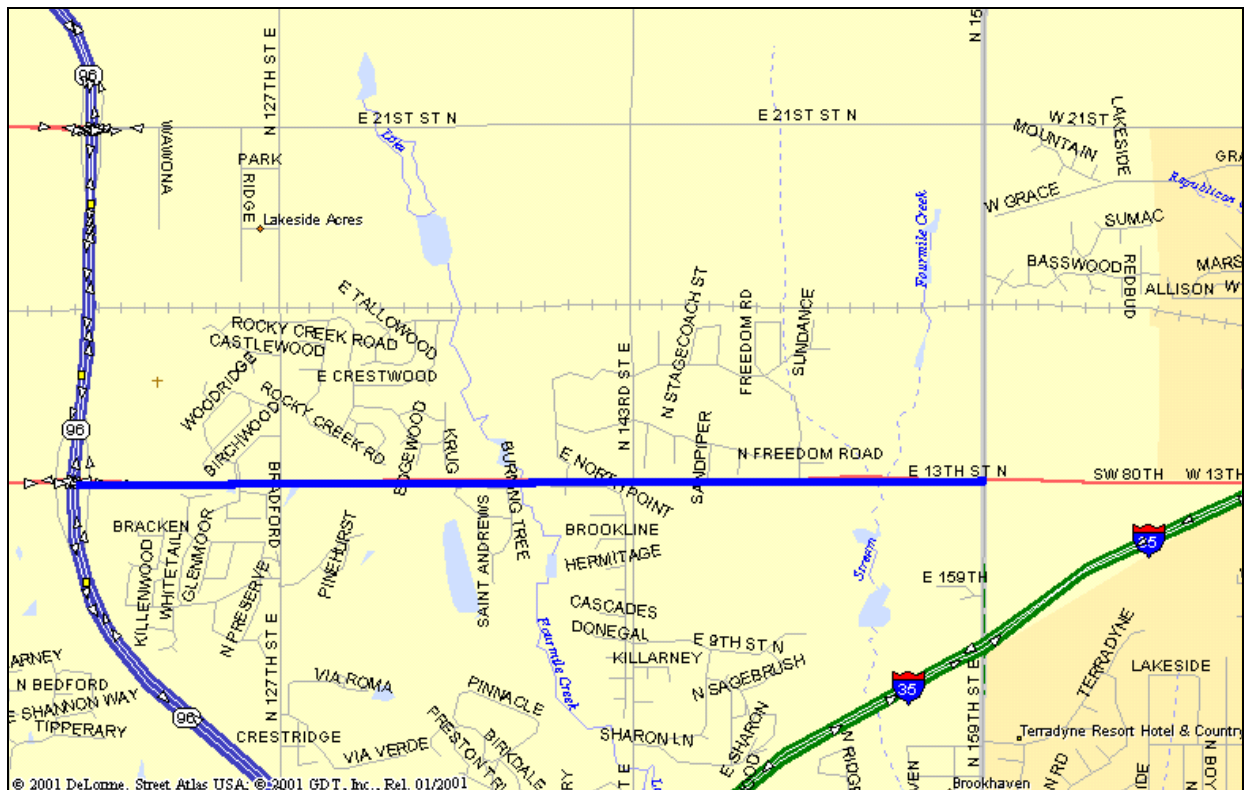
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: unknown; 5,899; unknown
Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	472,697						472,697
Right of Way	LST	200,000						200,000
Utility Relocation	LST	200,000						200,000
Construction	Bond		4,000,000					4,000,000
Construction	LST		2,900,000					2,900,000
Total		872,697	6,900,000	0	0	0	0	7,772,697



CIP PROJECT R256 Widen 21st St. North between K-96 Bypass and 159th St. East
(614-E ½ 34,35,36)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 21st St. North between K-96 Bypass and 159th St. East (614-E ½ 34,35,36)

2. Work to be Performed:

a) Widen to four lanes

3. Justification:

a) This section of 21st St. North experienced increases in traffic volume of more than 100% between 1994 and 1996. Widening will provide a higher level of service. The route serves as a major connection between Wichita and Andover.

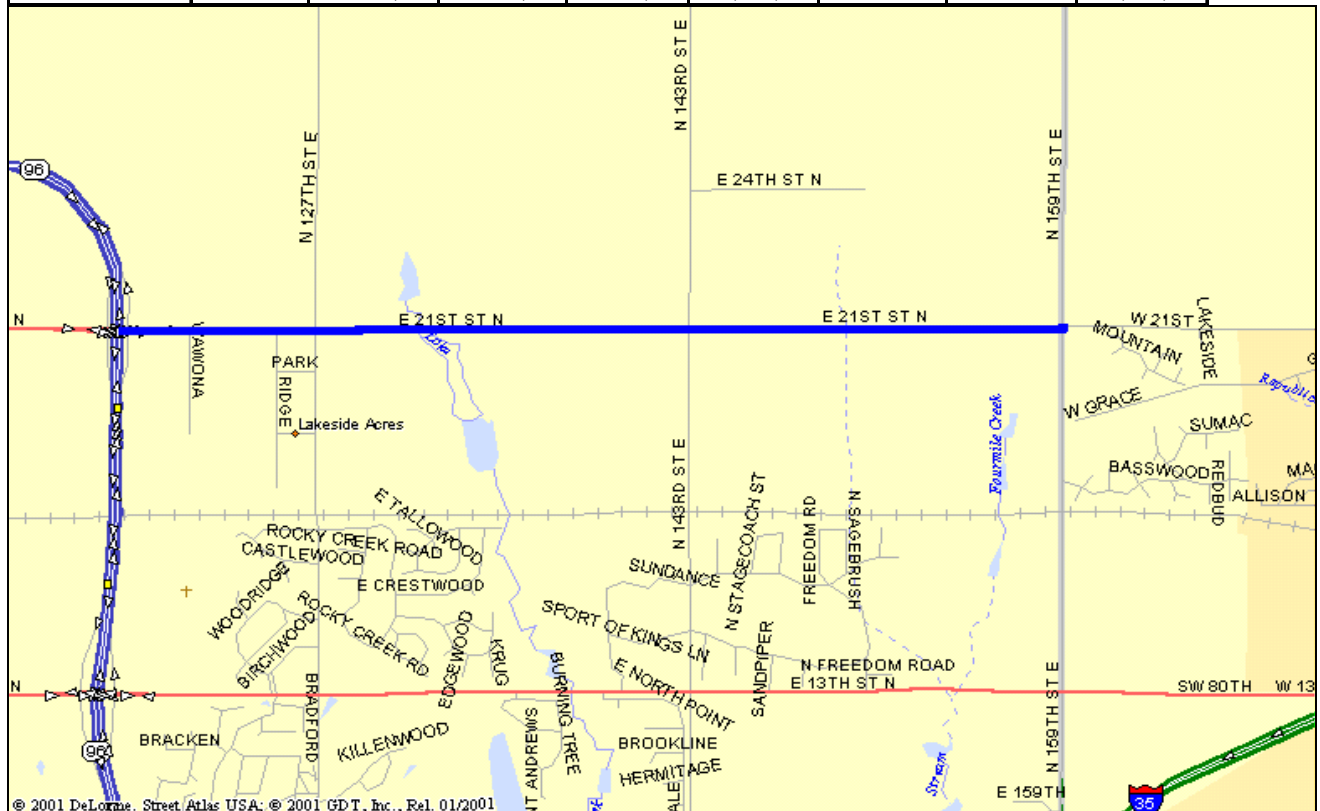
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: Unknown; 10,856; 13,949
Street Function: Commuter, school bus route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	439,578						439,578
Right of Way	LST		200,000					200,000
Utility Relocation	LST			300,000				300,000
Construction	Bond				4,000,000			4,000,000
Construction	LST				2,900,000			2,900,000
Total		439,578	200,000	300,000	6,900,000	0	0	7,839,578



CIP PROJECT R264 Miscellaneous drainage projects to improve localized drainage at various Road Right-of-Ways

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Various Road Right-of-Ways

2. Work to be Performed:

 a) Miscellaneous drainage projects to improve localized drainage

3. Justification:

 a) There are drainage problems at numerous locations throughout the county that require repair to maintain or improve serviceability of the county road system.

4. Impact on Operating Budget:

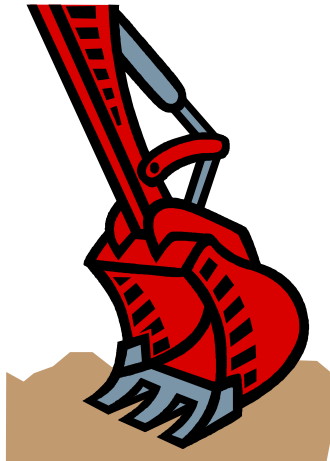
 a) None

5. Additional Data: Traffic Volume: N/A

 Street Function: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Construction	LST	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
Total		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000



CIP PROJECT R254 Recondition roadbed plus 6" bituminous surfacing - 119th St. West between 29th St. North and 53rd St. North (805-J, K, L)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 119th St. West between 29th St. North and 53rd St. North (805-I, J, K, L)

2. Work to be Performed:

a) Recondition roadbed plus 6" bituminous surfacing

3. Justification:

a) 119th St. West has taken on significant traffic volumes since the opening of Maize High School, especially at the corner of 45th St. North and 119th St. West. The existing cold-mix asphalt surface cannot adequately handle the increased volume. This road cross-section needs to be improved to bring it in compliance with national guidelines.

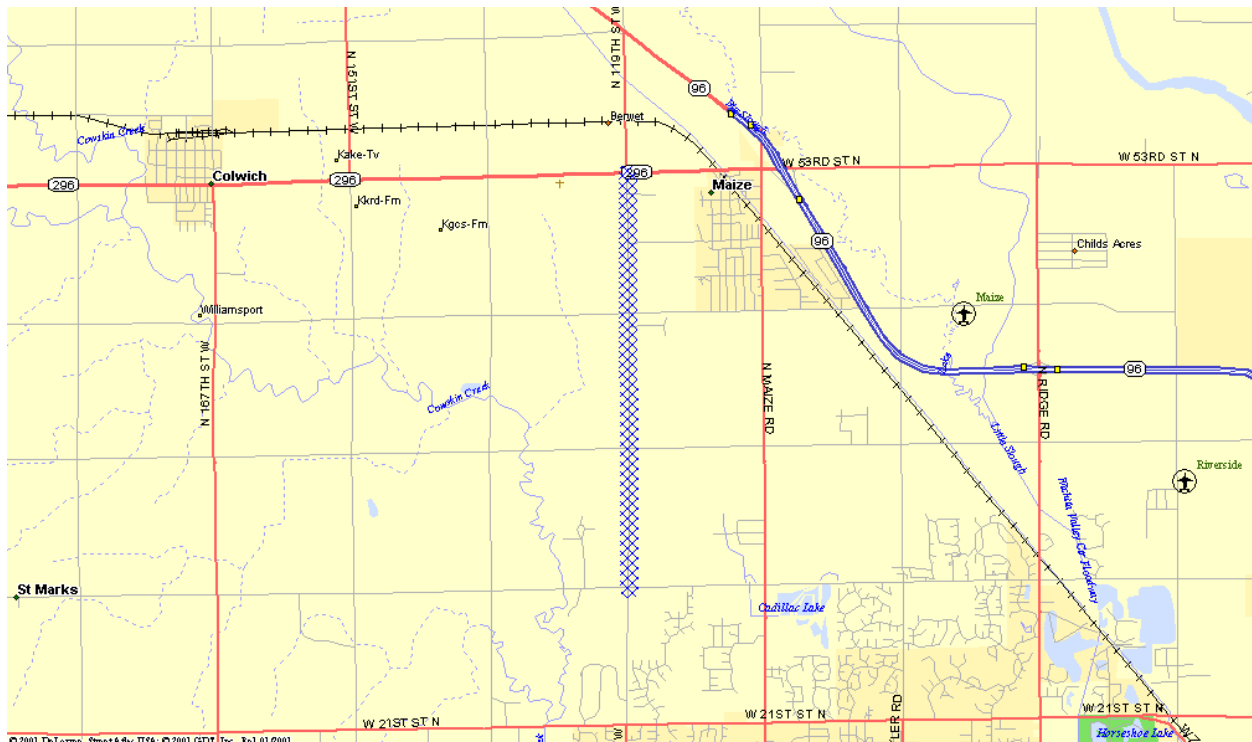
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 2,486; 2,772; 2,437
Street Function: Commuter, school bus route, farm market route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	200,000						200,000
Right of Way	LST			200,000				200,000
Utility Relocation	LST				200,000			200,000
Construction	Bond					2,000,000		2,000,000
Total		200,000	0	200,000	200,000	2,000,000	0	2,600,000



CIP PROJECT R255 Recondition roadbed plus 6" bituminous surfacing and replace bridge 588-26-574 on 125th St. North between Meridian and Broadway

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 125th St. North between Meridian and Broadway

2. Work to be Performed:

- a) Recondition roadbed plus 6" bituminous surfacing and replace bridge 588-26-574 (588-25, 26)

3. Justification:

- a) The sub-grade is failing causing the pavement to deteriorate. Bridge reconstruction may require realignment of road.

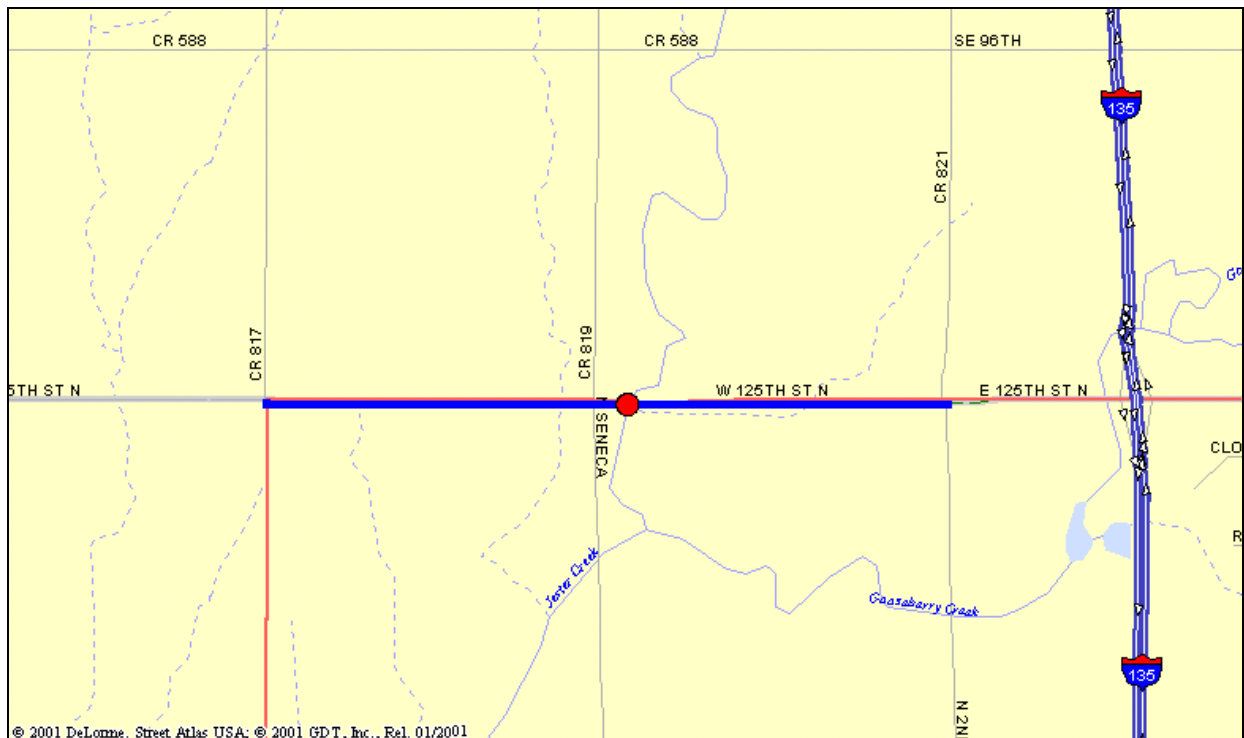
4. Impact on Operating Budget:

- a) None

5. Additional Data: Traffic Volume: 2,049; 2,069
Street Function: School bus route, farm market route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	292,000						292,000
Right of Way	LST	50,000						50,000
Utility Relocation	LST	50,000						50,000
Construction	LST		2,500,000					2,500,000
Total		392,000	2,500,000	0	0	0	0	2,892,000



CIP PROJECT R157 Recondition roadbed plus 6" bituminous surfacing - 37th St. North between the Garden Plain Road and Reno County Line (610-7)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 37th St. North between the Garden Plain Road and Reno County Line (610-7)

2. Work to be Performed:

a) Recondition roadbed plus 6" bituminous surfacing

3. Justification:

a) The surface of this road is deteriorating.

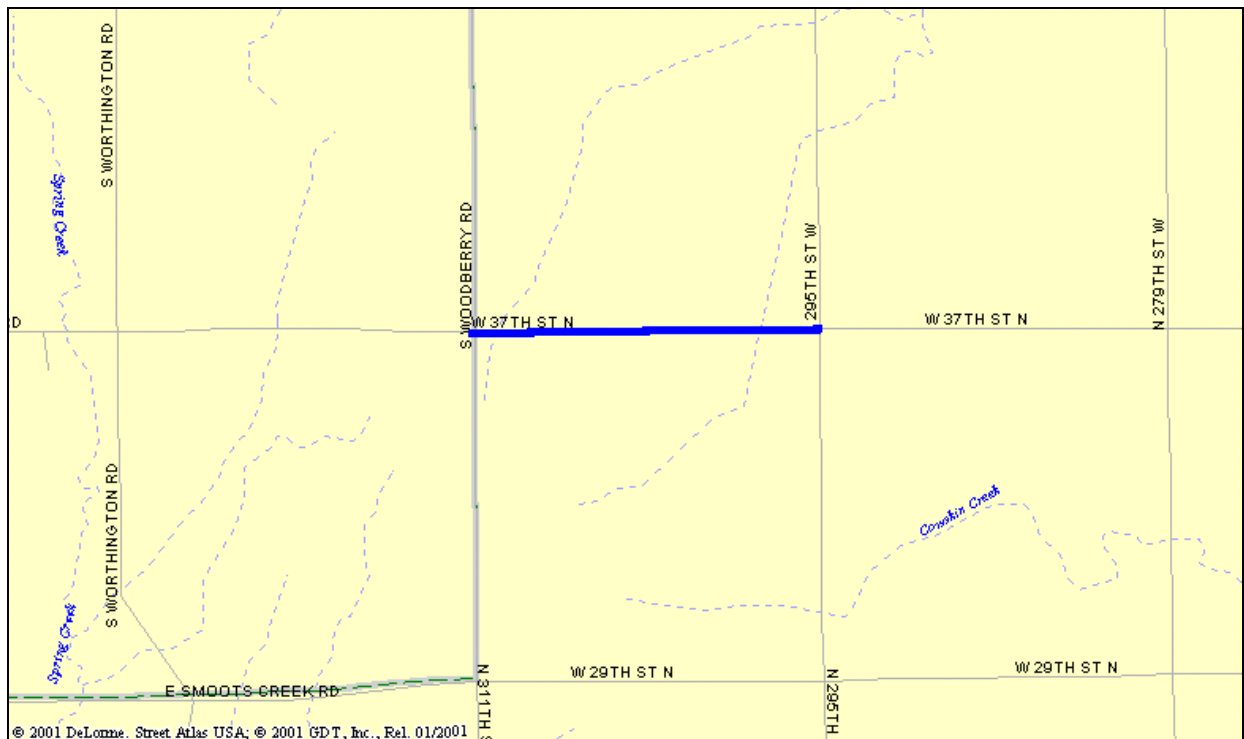
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 238
Street Function: Farm market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	In House							0
Right of Way	LST				30,000			30,000
Utility Relocation	LST					30,000		30,000
Construction	LST						300,000	300,000
Total		0	0	0	30,000	30,000	300,000	360,000



CIP PROJECT R239 Sub grade modification and bituminous surfacing - 13th St. North between 119th St. West and 135th St. West (616-18)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 13th St. North between 119th St. West and 135th St. West (616-18)

2. Work to be Performed:

a) Sub grade modification and bituminous surfacing

3. Justification:

a) The City of Wichita recently rebuilt the bridge over the Cowskin Creek, completing the project in 2005. Reconstruction of the bridge will require that the road west of the bridge be elevated and repaved.

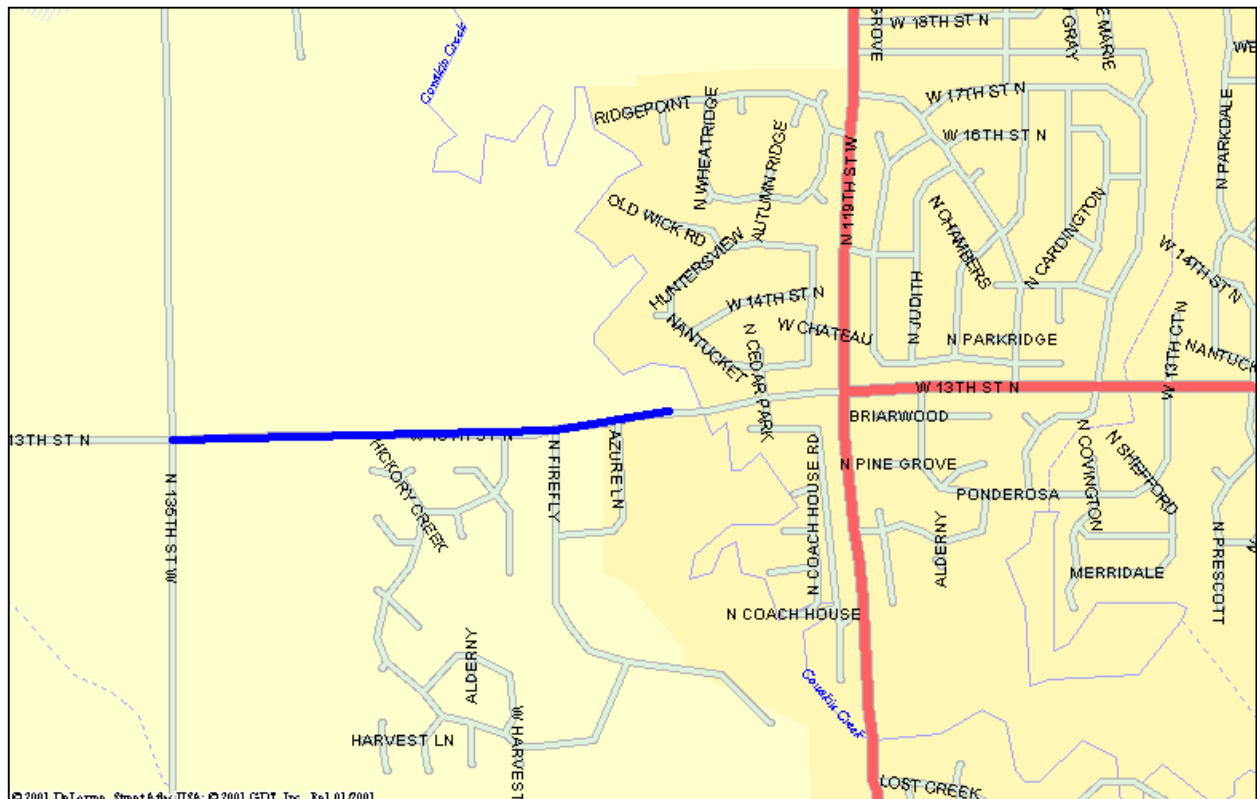
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: Unknown
Street Function: Commuter, school bus route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Right of Way	LST	30,000						30,000
Utility Relocation	LST	30,000						30,000
Construction	LST		300,000					300,000
Total		60,000	300,000	0	0	0	0	360,000



CIP PROJECT R273 Recondition roadbed plus 6" bituminous surfacing - 183rd St. West between 71st St. South and 95th St. South (797-Y,Z,AA)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 183rd St. West between 71st St. South and 95th St. South (797-Y,Z,AA)

2. Work to be Performed:

a) Recondition roadbed plus 6" bituminous surfacing

3. Justification

a) This project meets the second goal of the Highway Department to "improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community."

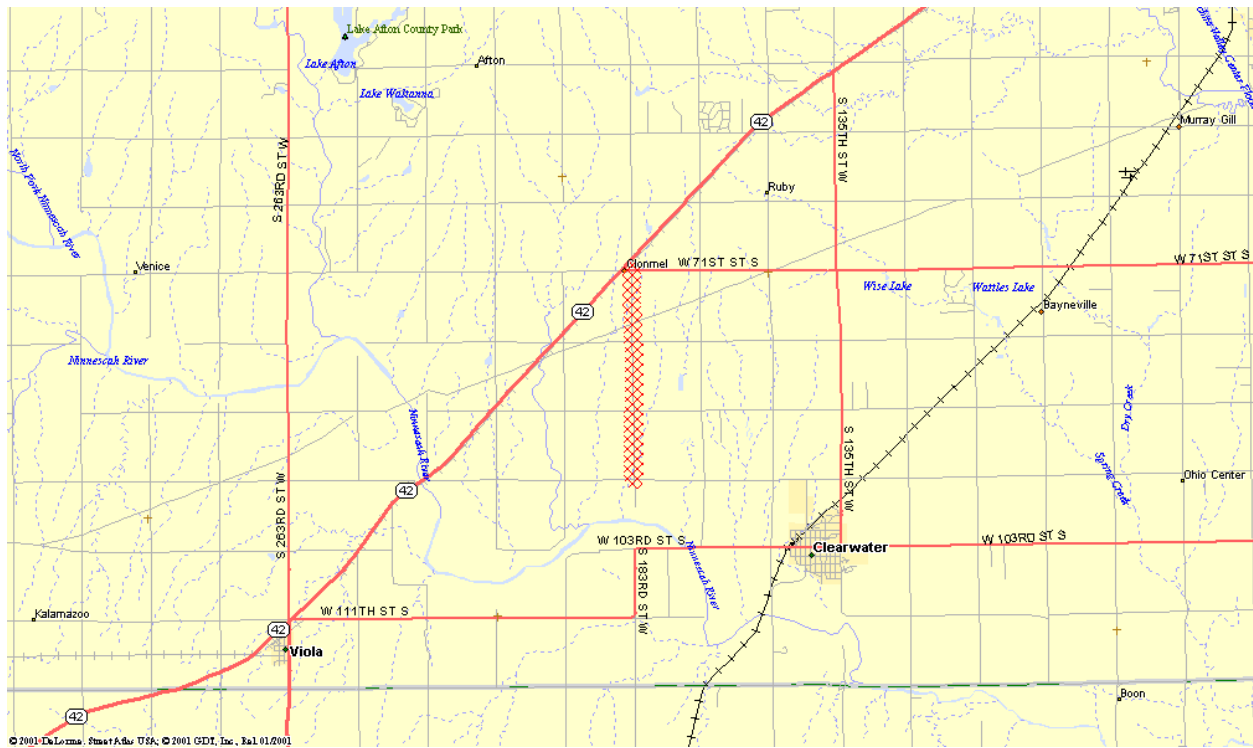
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 381, 365, 332
Street Function: School Bus Route, Farm Market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	In House							0
Right of Way	LST				150,000			150,000
Utility Relocation	LST					150,000		150,000
Construction	LST						900,000	900,000
Total		0	0	0	150,000	150,000	900,000	1,200,000



CIP PROJECT R274 Recondition roadbed plus 6" bituminous surfacing - 183rd St. West between 23rd St. South and 39th St. South (797-S,T)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 183rd St. West between 23rd St. South and 39th St. South (797-S,T)

2. Work to be Performed:

a) Recondition roadbed plus 6" bituminous surfacing

3. Justification

a) This project meets the second goal of the Highway Department to "improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community."

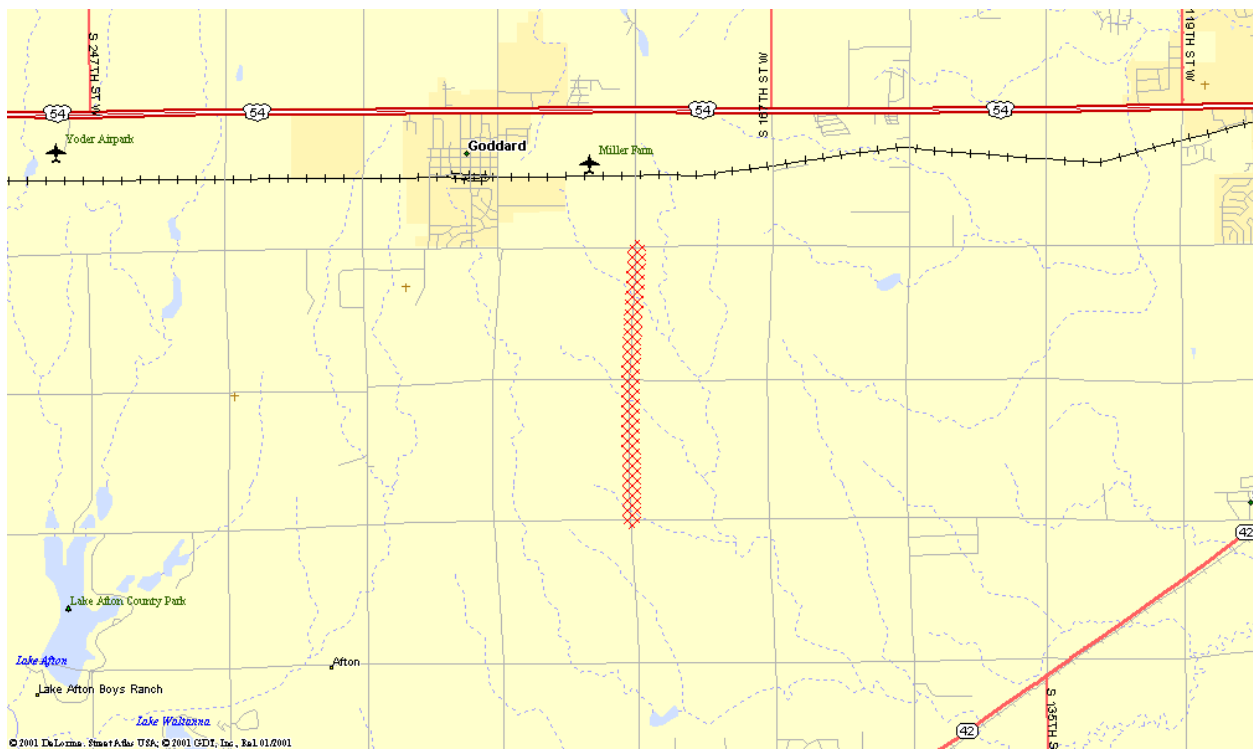
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 910, 769
Street Function: School Bus Route, Farm Market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	In House							0
Right of Way	LST				100,000			100,000
Utility Relocation	LST					100,000		100,000
Construction	LST						600,000	600,000
Total		0	0	0	100,000	100,000	600,000	800,000



CIP PROJECT R280 Right of Way Acquisition - Northwest Bypass

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Northwest Bypass

2. Work to be Performed:

a) Right of Way Acquisition

3. Justification:

a) Sedgwick County participation in this joint project.

4. Impact on Operating Budget:

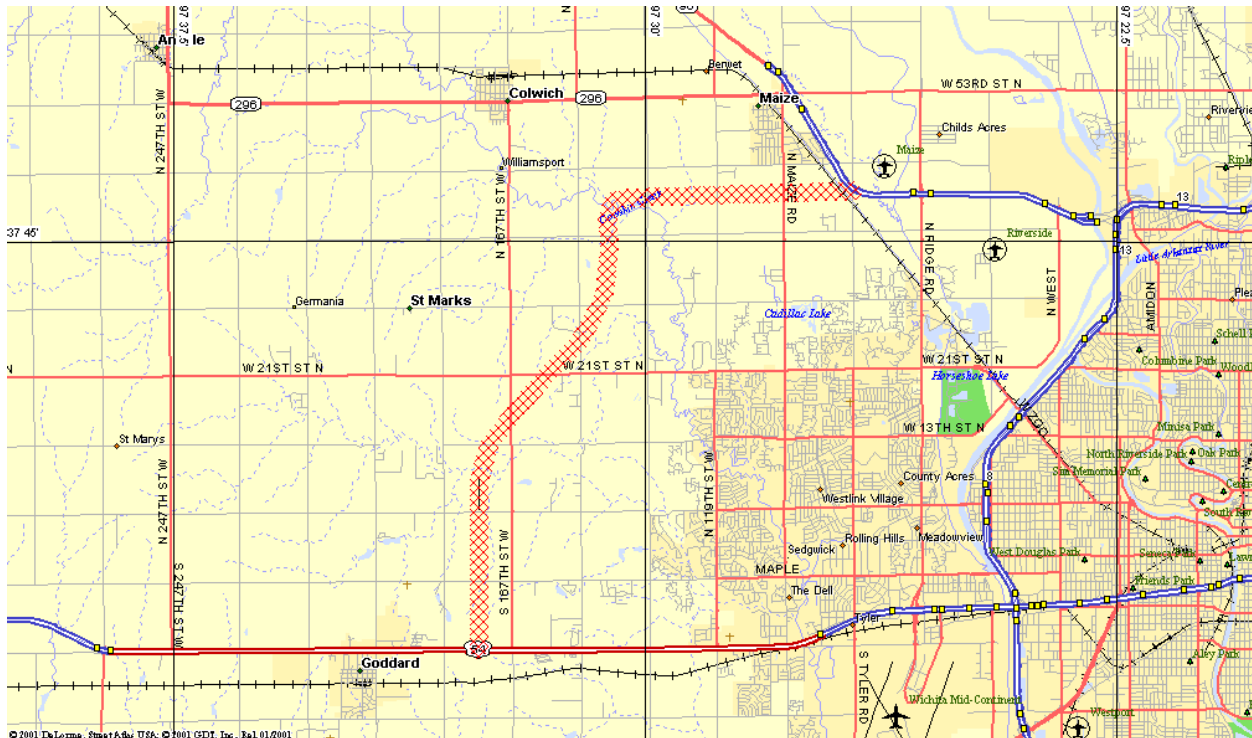
a) None

5. Additional Data: Traffic Volume: N/A (Proposed new road)

Street Function:

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Right of Way	LST	108,625	1,391,375					1,500,000
Right of Way	KDOT	0	1,391,375					1,391,375
Right of Way	Wichita	0	1,391,375					1,391,375
Total		108,625	4,174,125	0	0	0	0	4,282,750



CIP PROJECT R281 Widen Meridian between 47th St. South and 71st St. South (817-V,W,X)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Meridian between 47th St. South and 71st St. South (817-V,W,X)

2. Work to be Performed:

- a) Widen to four lanes

3. Justification:

- a) Meridian serves as a major traffic corridor between Haysville and Wichita. Development along the route will decrease the level of service in the area until the road is widened.
- b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

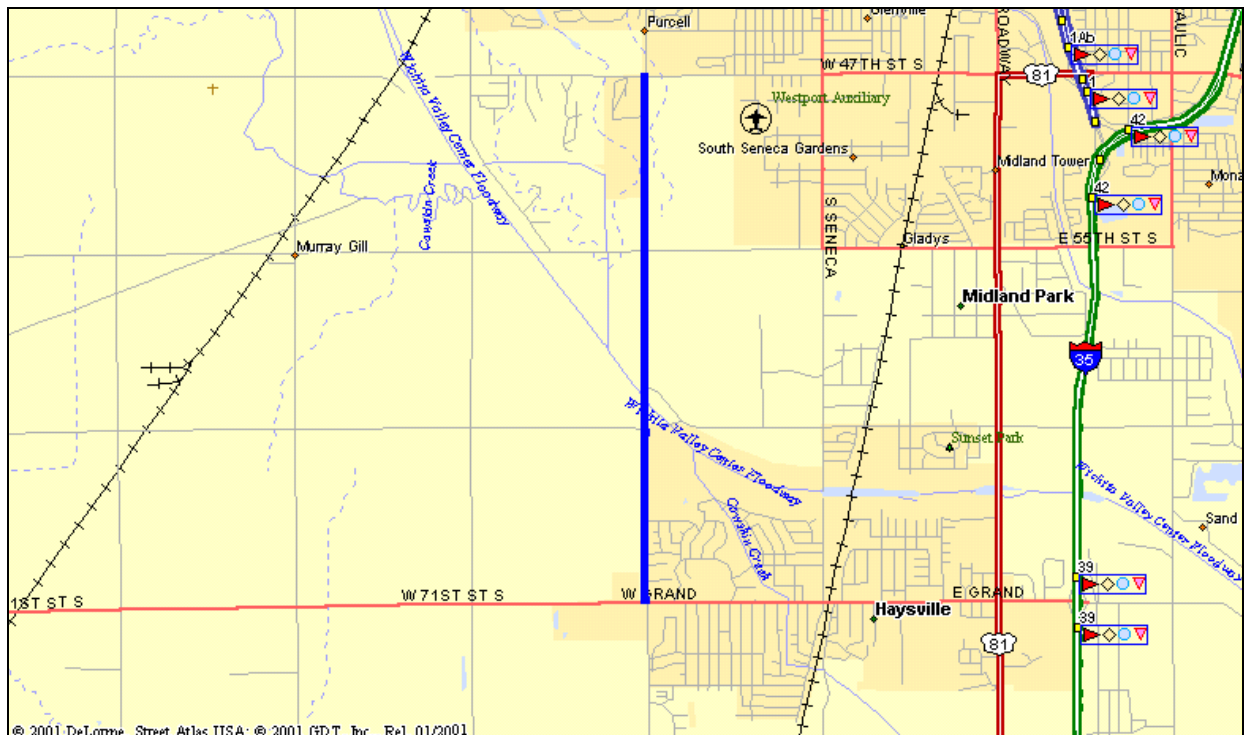
4. Impact on Operating Budget:

- a) None

5. Additional Data: Traffic Volume: 6,898; 6,826; 9,578
Street Function: Commuter, school bus route, farm to market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	649,898						649,898
Right of Way	LST		200,000					200,000
Utility Relocation	LST			200,000				200,000
Construction	LST			3,000,000				3,000,000
Construction	Bond			4,000,000				4,000,000
Total		649,898	200,000	7,200,000	0	0	0	8,049,898



CIP PROJECT R282 Widen Ridge Road between K-96 and 53rd St. North (811-J, N ½ K)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Ridge Road between K-96 and 53rd St. North (811-J, N ½ K)

2. Work to be Performed:

a) Widen

3. Justification:

a) Traffic counts are increasing. This will improve connections to 53rd St., which has been enhanced by the completion of a new, larger bridge over the Arkansas River.

4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 7,581; 4,391
Street Function: Commuter, school bus route, farm to market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	350,000						350,000
Right of Way	LST	150,000						150,000
Utility Relocation	LST		200,000					200,000
Construction	LST			1,220,000				1,220,000
Construction	KDOT			5,612,000				5,612,000
Total		500,000	200,000	6,832,000	0	0	0	7,532,000



CIP PROJECT R267 Recondition 199th St. West between 21st St. North and US-54

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 199th St. West between 21st St. North and US-54 (795-N,O,P,Q)

2. Work to be Performed:

- a) Recondition roadbed plus 6" bituminous surfacing

3. Justification

- a) This project meets the second goal of the Highway Department to "improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community."

This road is narrow with no shoulders. The cold-mix surface is beginning to deteriorate and the cross-section needs to be improved.

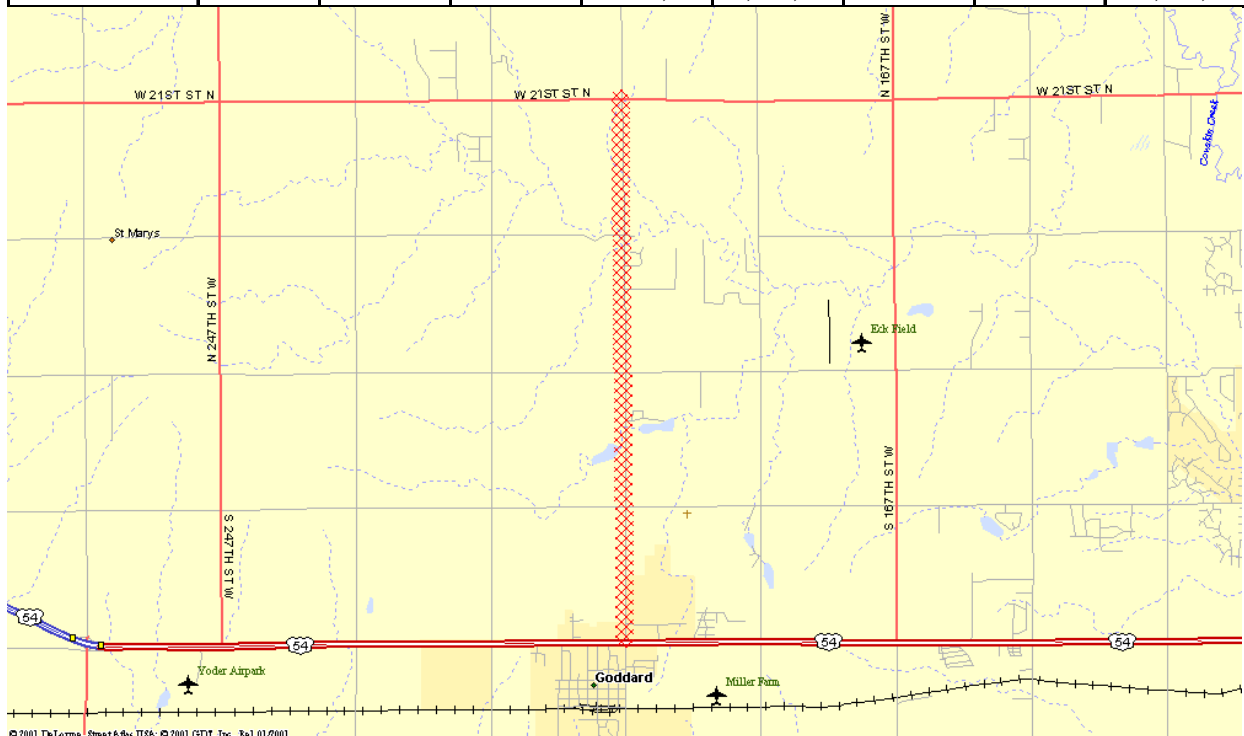
4. Impact on Operating Budget:

- a) None

5. Additional Data: Traffic Volume: 829, 691, 1064, 1697
Street Function: School Bus Route, Farm Market

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	In House							0
Right of Way	LST			200,000				200,000
Utility Relocation	LST			100,000				100,000
Construction	LST				435,000			435,000
Construction	KDOT				1,740,000			1,740,000
Total		0	0	300,000	2,175,000	0	0	2,475,000



CIP PROJECT R299 Widen 135th St. W. from Diagonal to Ross to 3-lane Urban Standard (Clearwater) (803-BB)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 135th St. W. from Diagonal to Ross (Clearwater) (803-BB)

2. Work to be Performed:

a) Widen and improve to 3-lane urban standard with storm sewer

3. Justification:

a) Development along 135th St. West is creating traffic congestion in Clearwater

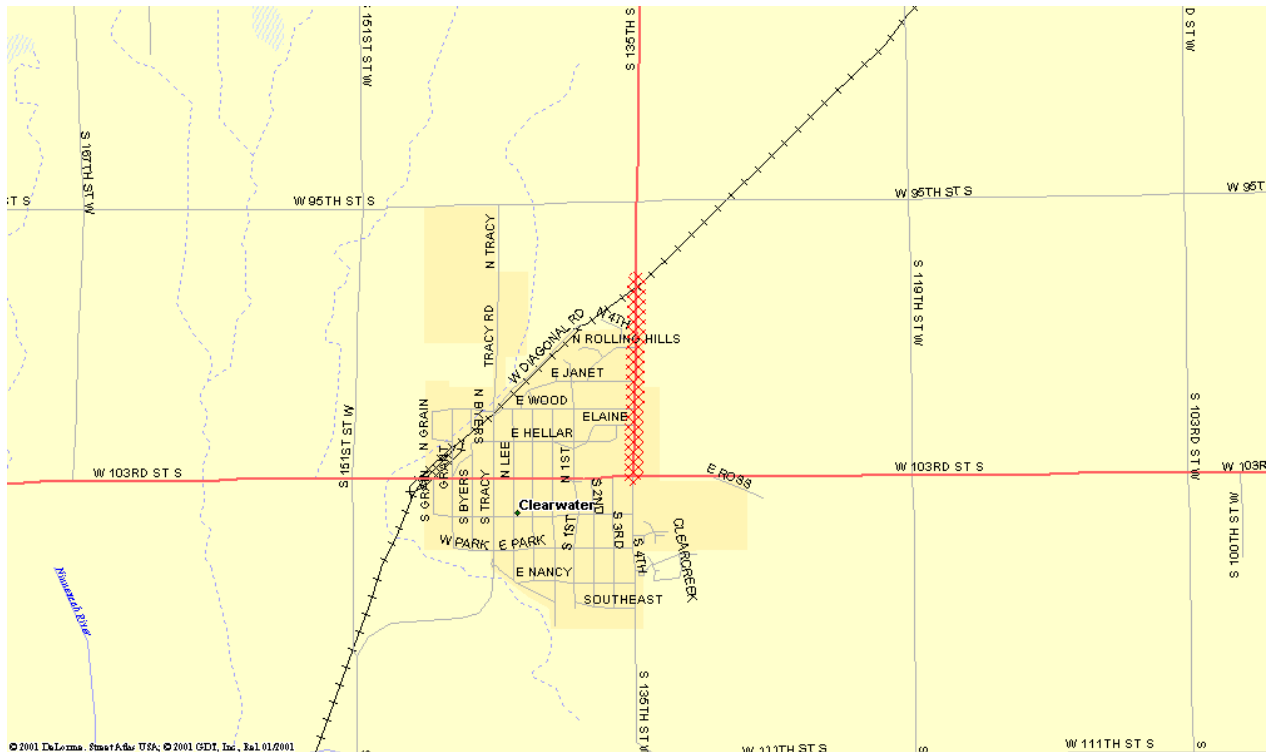
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 3,472
Street Function: Commercial and residential corridor, commuter route, bus route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Future	Total
Design	LST					150,000			150,000
Right of Way	LST						50,000		50,000
Utility Relocation	LST							100,000	100,000
Construction	LST							400,000	400,000
Construction	Clearwater							1,100,000	1,100,000
Total		0	0	0	0	150,000	50,000	1,600,000	1,800,000



CIP PROJECT R300 Recondition roadbed and add Shoulders to 383rd St. W. from US 54 to Cheney City Limits (774-S1/2Q, R, N1/2S)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 383rd St. W. from US 54 to Cheney City Limits (774-S1/2Q, R, N1/2S)

2. Work to be Performed:

a) Recondition roadbed, pave to rural standard and add shoulders

3. Justification:

a) This route is the main entrance to Cheney from US 54. This project will enhance safety on the road.

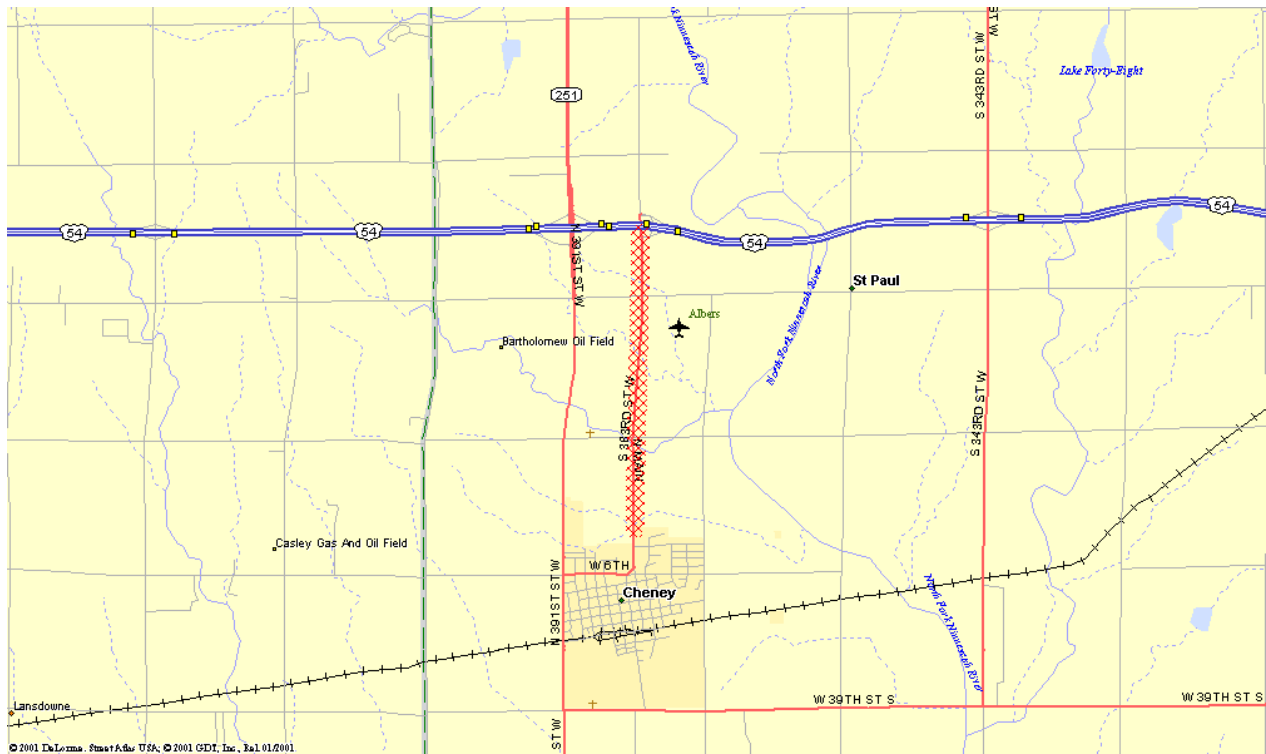
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 1,684; 2,600; 2,745
Street Function:

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Future	Total
Design	LST					80,000			80,000
Right of Way	LST						50,000		50,000
Utility Relocation	LST							50,000	50,000
Construction	LST							800,000	800,000
Total		0	0	0	0	80,000	50,000	850,000	980,000



CIP PROJECT R301 Recondition roadbed and Pave to Rural Standard on Hillside from 45th St. N. to 61st St. N. (825-I)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Hillside from 53rd St. N. to 61st St. N. (825-I)

2. Work to be Performed:

a) Recondition roadbed and pave to rural standard

3. Justification:

a) This project will enhance safety on the road.

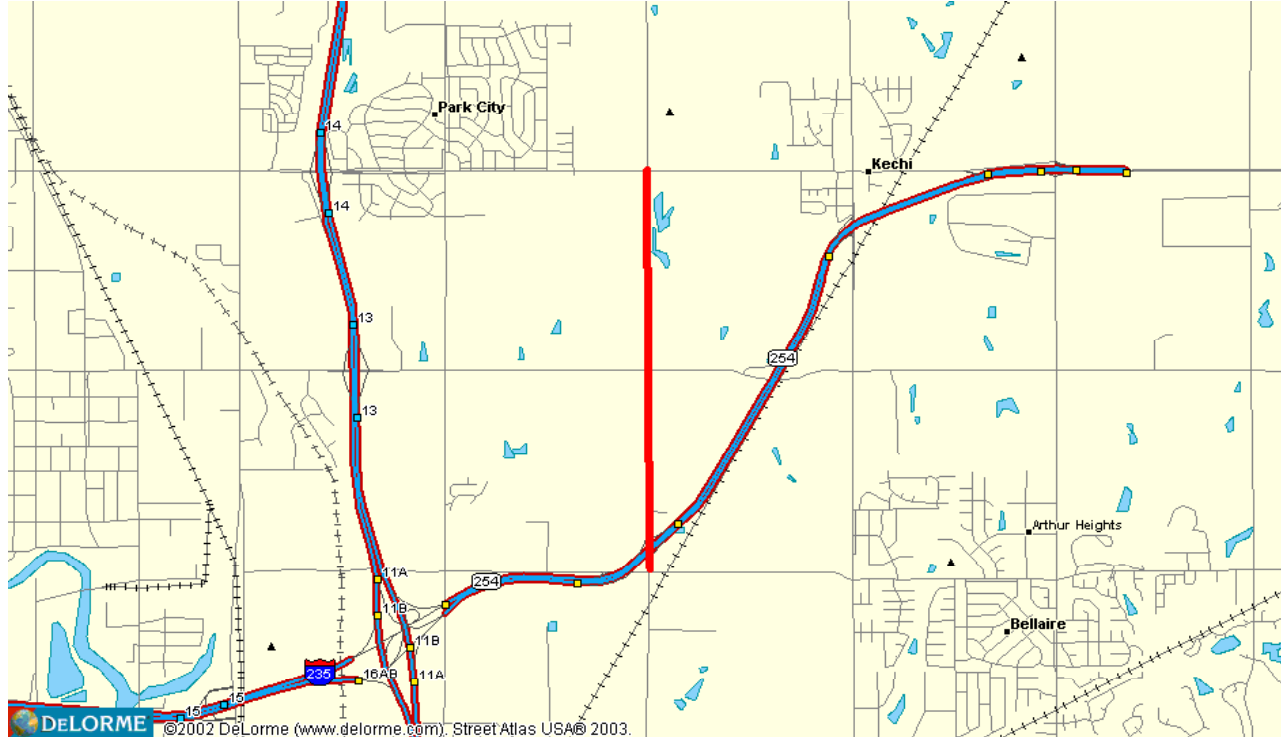
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: Unknown
Street Function: Commuter Route, Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	In House							0
Right of Way	LST	30,000						30,000
Utility Relocation	LST	30,000						30,000
Construction	LST		700,000					700,000
Total		60,000	700,000	0	0	0	0	760,000



CIP PROJECT R302 Widen to 4-lanes 63rd St. South between Broadway and Hydraulic (634-27)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 63rd St. South between Broadway and Hydraulic (634-27)

2. Work to be Performed:

a) Widen to 4-lanes

3. Justification:

a) Traffic is increasing on this section of 63rd St. South. 63rd St. South is a major commuter route to McConnell and Boeing and connects south Wichita with Derby and Butler County.

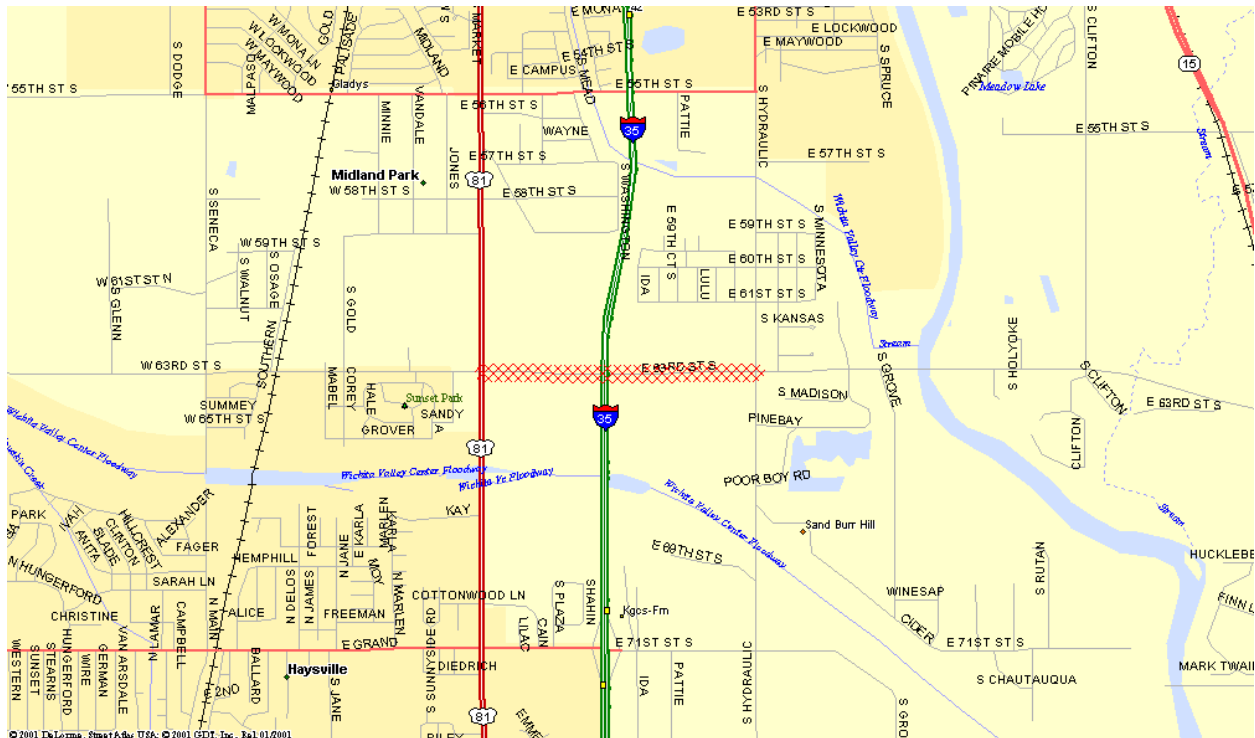
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 7,440
Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Right of Way	LST			50,000				50,000
Utility Relocation	LST			50,000				50,000
Construction	LST				650,000			650,000
Construction	KDOT				2,610,000			2,610,000
Total		0	0	100,000	3,260,000	0	0	3,360,000



CIP PROJECT R303 Pave 135th St. West from ½ mile North of US-54 to K-42 (803 S1/2Q - U)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 135th St. West from ½ mile North of US-54 to K-42 (803 S1/2Q - U)

2. Work to be Performed:

a) Grading and Paving

3. Justification:

a) Traffic is increasing on this section of 135th that connects west Wichita with US-54, K-42 and Clearwater.

4. Impact on Operating Budget:

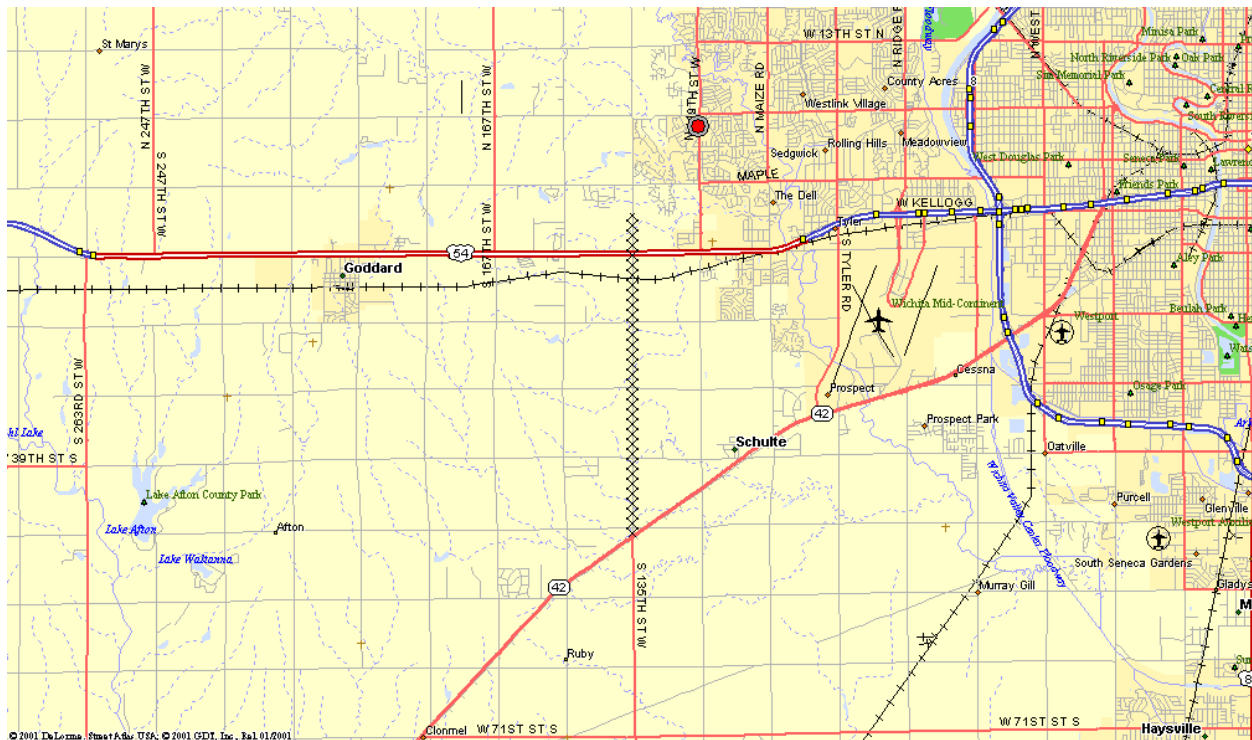
a) None

5. Additional Data: Traffic Volume: 2,756; unknown; unknown; unknown; 392

Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST			200,000				200,000
Right of Way	LST					200,000		200,000
Utility Relocation	LST					200,000		200,000
Construction	LST						600,000	600,000
Construction	KDOT						2,760,000	2,760,000
Total		0	0	200,000	0	400,000	3,360,000	3,960,000



CIP PROJECT R304 Widen Maize Road from 45th St. N. to the OKT Railroad (807 S1/2J)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Maize Road from 45th St. N. to the OKT Railroad (807 S1/2J)

2. Work to be Performed:

a) Widen to 4-lanes

3. Justification:

a) Traffic is increasing on this section of Maize Road. Maize has a project with KDOT that will widen the section of Maize Road from the end of this project to 53rd St. North.

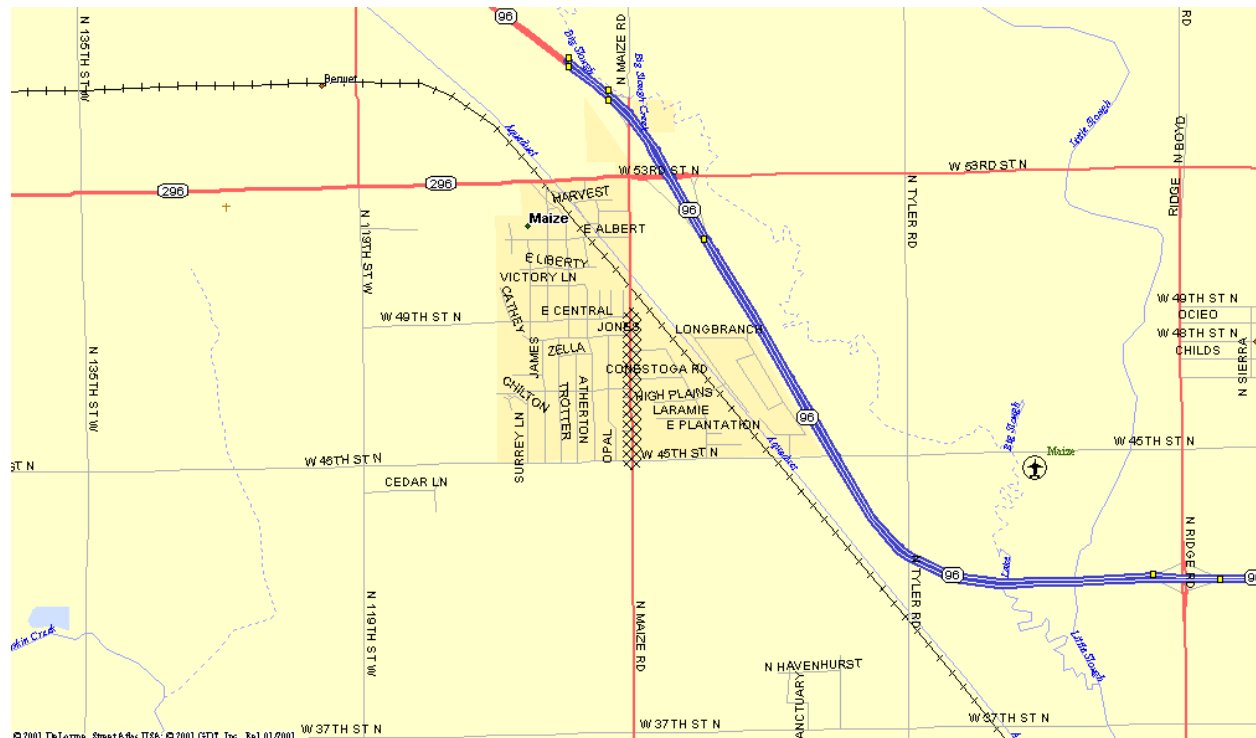
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: 7,778
Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST			150,000				150,000
Right of Way	LST					150,000		150,000
Utility Relocation	LST					150,000		150,000
Construction	LST						400,000	400,000
Construction	KDOT						1,840,000	1,840,000
Total		0	0	150,000	0	300,000	2,240,000	2,690,000



CIP PROJECT R305 Conversion of Traffic Signals to LED Systems

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Various locations

2. Work to be Performed:

- a) Convert existing county traffic signals to LED systems and install battery backup

3. Justification:

- a) LED systems use less power and are more reliable. A related safety benefit is the adaptability of LED traffic lights to battery backup systems. The battery backups will power the signals for up to four hours during a power failure before putting the intersection into a flashing operation. During short term power outages due to thunderstorms, for example, the public will not notice an interruption in standard operation of the signal, and the County will not pay for any overtime call outs to determine the cause of any outages.

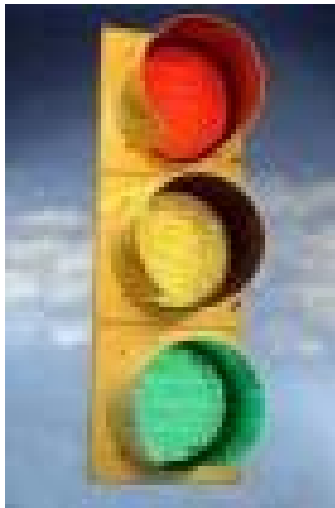
4. Impact on Operating Budget:

- a) At a typical intersection in Sedgwick County, installation of LED signals will save approximately \$1,100 annually and pay for themselves in approximately three years.

5. Additional Data: Traffic Volume:
Street Function:

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Right of Way	LST							0
Utility Relocation	LST							0
Construction	LST		200,000					200,000
Total		0	200,000	0	0	0	0	200,000



CIP PROJECT R306 Purchase Right-of-Way, Add Shoulders, Improve Drainage and Rejuvenate Asphalt Surfacing on Selected Roads

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Various locations

2. Work to be Performed:

a) Purchase Right-of-Way, Add Shoulders, Improve Drainage and Rejuvenate Asphalt Surfacing

3. Justification:

a) Many County maintained roads have good sub-grades and asphalt surfacing but need to have their roadside geometry upgraded. This project will enhance the safety and life of these roads.

4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: Not applicable

Street Function: Not applicable

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST							0
Right of Way	LST					1,000,000		1,000,000
Utility Relocation	LST					500,000		500,000
Construction	LST						1,000,000	1,000,000
Construction	KDOT						4,600,000	4,600,000
Total		0	0	0	0	1,500,000	5,600,000	7,100,000

CIP PROJECT R307 Pave 159th St. East from US-54 to Lincoln (841-N½Q)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Pave 159th St. East from US-54 to Lincoln (841-N½Q)

2. Work to be Performed:

a) Construct pavement and drainage improvements

3. Justification:

a) Sedgwick County and Andover recognize that permanent improvements are needed to serve the properties in the area. The project is located on the County line.

4. Impact on Operating Budget:

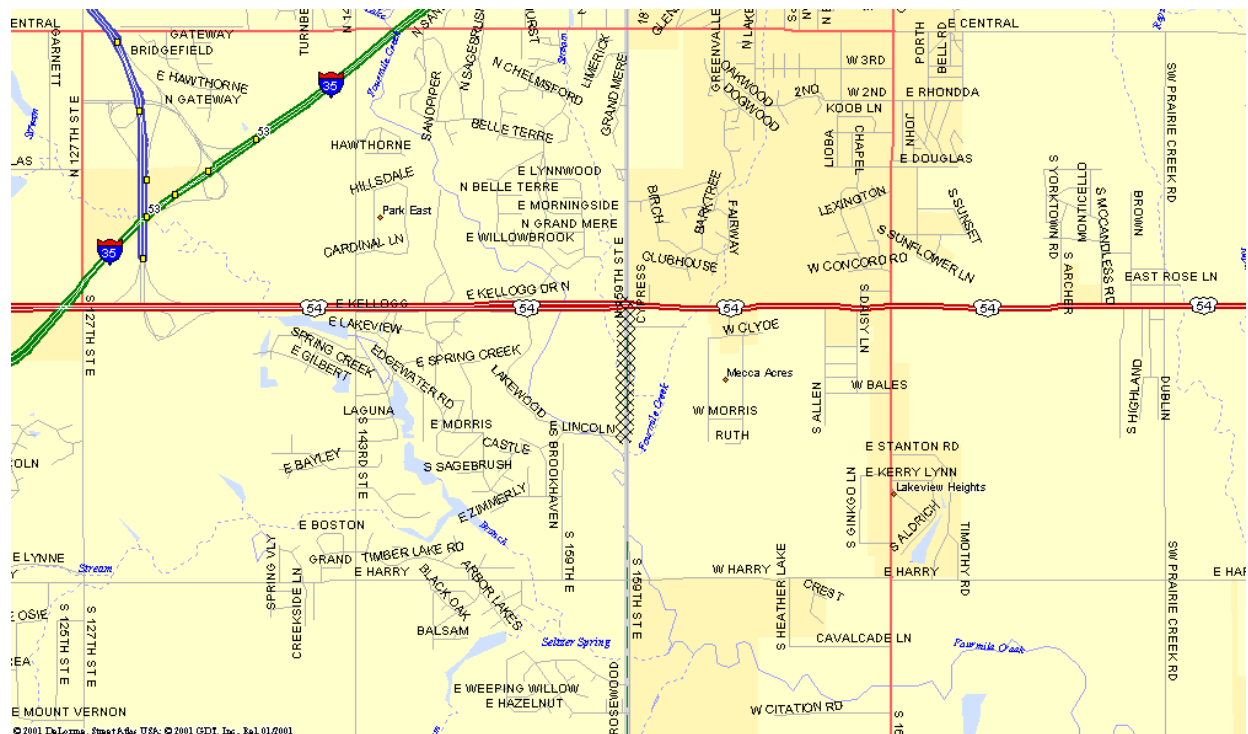
a) None

5. Additional Data: Traffic Volume: Unknown

Street Function: Commuter, School Bus Route, commercial traffic

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST						50,000	50,000
Design	Andover						50,000	50,000
Right of Way	LST						25,000	25,000
Construction	LST						40,000	40,000
Construction	Andover						40,000	40,000
Construction	KDOT						368,000	368,000
Total		0	0	0	0	0	573,000	573,000



CIP PROJECT R308 Widen 159th St. East from US-54 to 21st St. North (841 – N, O, P)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Widen 159th St. East from US-54 to 21st St. North (841 – N, O, P)

2. Work to be Performed:

a) Widen to 3 lanes

3. Justification:

a) Traffic is increasing on this section of 159th St. East. Sedgwick County and Andover recognize that permanent improvements are needed to serve the properties in the area. The project is located on the County line.

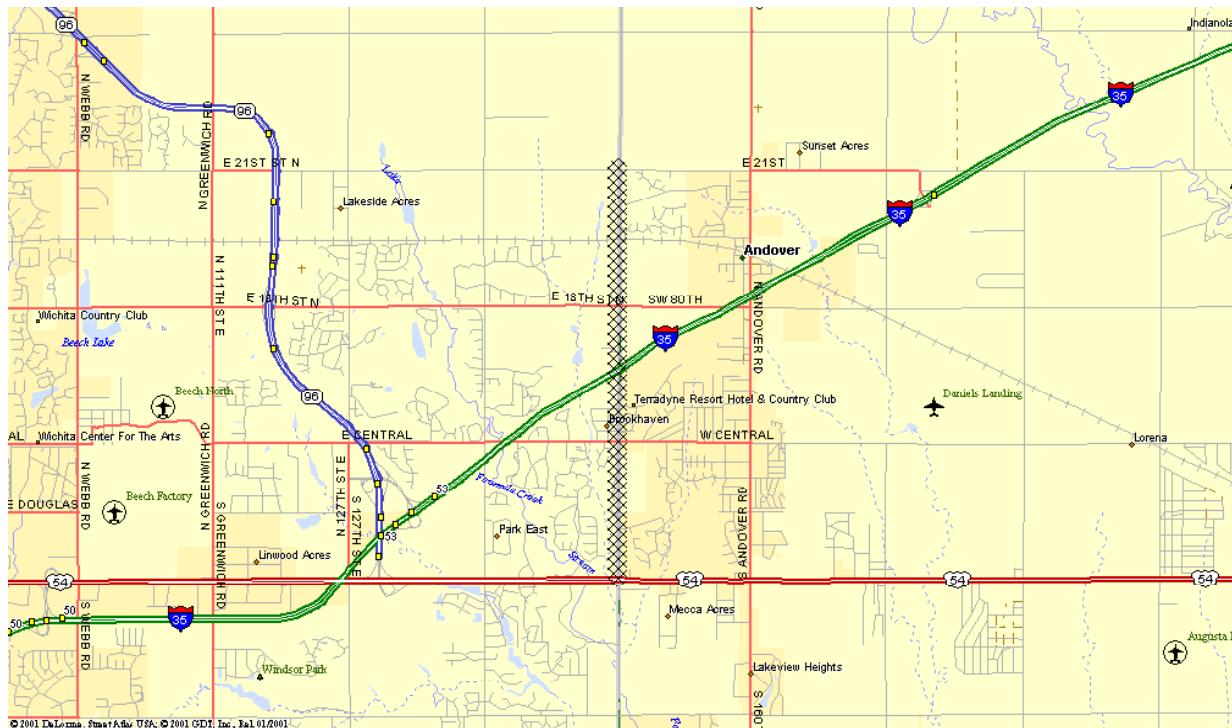
4. Impact on Operating Budget:

a) None

5. Additional Data: Traffic Volume: Unknown
Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST						200,000	200,000
Design	Andover						200,000	200,000
Right of Way	LST						500,000	500,000
Utility Relocation	LST						500,000	500,000
Construction	LST						500,000	500,000
Construction	Andover						500,000	500,000
Construction	KDOT						4,400,000	4,400,000
Total		0	0	0	0	0	6,800,000	6,800,000



CIP PROJECT R309 Storm Sewer and Shoulder Improvements on Rock Road from McConnell Gate to 31st St. South

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Rock Road from McConnell Gate to 31st St. South

2. Work to be Performed:

- a) Construct storm sewer and regrade shoulder

3. Justification:

- a) The area along the edge of the road is eroding and is difficult to maintain.

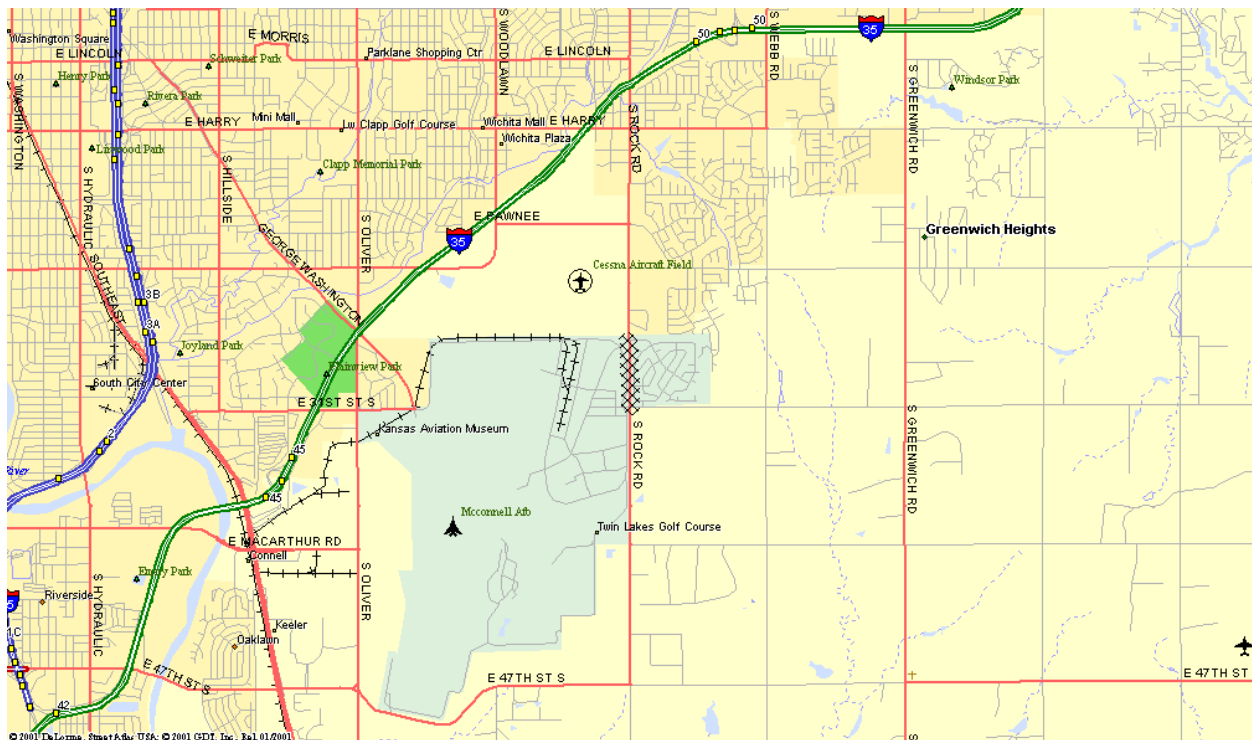
4. Impact on Operating Budget:

- a) None

5. Additional Data: Traffic Volume: 22,145
 Street Function: Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Right of Way	LST							0
Utility Relocation	LST						40,000	40,000
Construction	LST						400,000	400,000
Total		0	0	0	0	0	440,000	440,000



CIP PROJECT B352 Replacement of Bridge on 159th St. East between 101st St. North and 109th St. North (841-C-4443)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 159th St. East between 101st St. North and 109th St. North (841-C-4443)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This bridge is structurally deficient.

b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

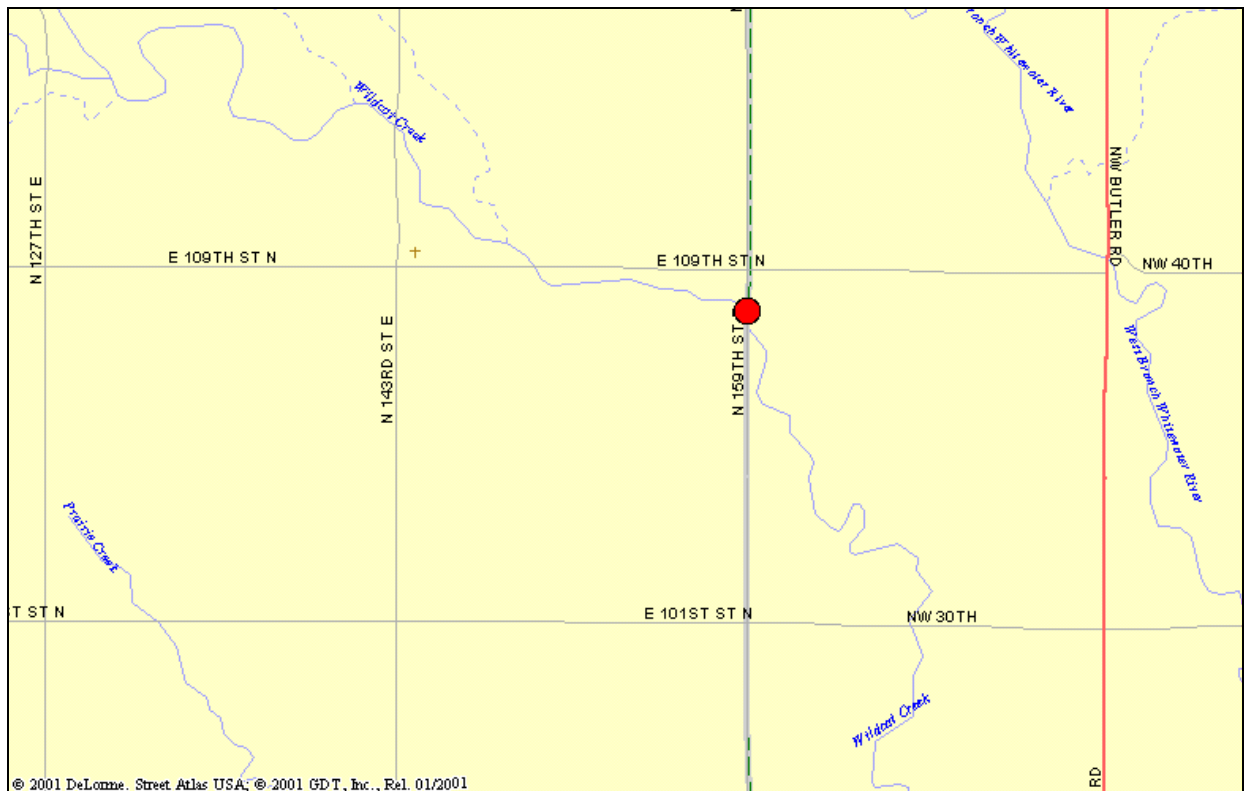
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 35.8
 Load Limit: 8 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior	2006	2007	2008	2009	2010	Total
Design	LST	48,000						48,000
Construction	LST		400,000					400,000
Total		48,000	400,000	0	0	0	0	448,000



CIP PROJECT B407 Replacement of Bridge on 143rd St. East between 29th St. North and 37th St. North (839-L-1859)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 143rd St. East between 29th St. North and 37th St. North (839-L-1859)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 72.5
 Load Limit: 15/25/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design		54,000						54,000
Construction	LST				400,000			400,000
Total		54,000	0	0	400,000	0	0	454,000



CIP PROJECT B396 Widening of Bridge on 375th St. West between 103rd St. South and 111th St. South (773-CC-4750)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 375th St. West between 103rd St. South and 111th St. South (773-CC-4750)

2. Work to be Performed:

a) Widening

3. Justification:

- a) This structure is narrow relative to the approach roadway, and it needs to be widened. Widening this structure reduces the opportunity for vehicles to hit the abutments and guard rails.
- b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

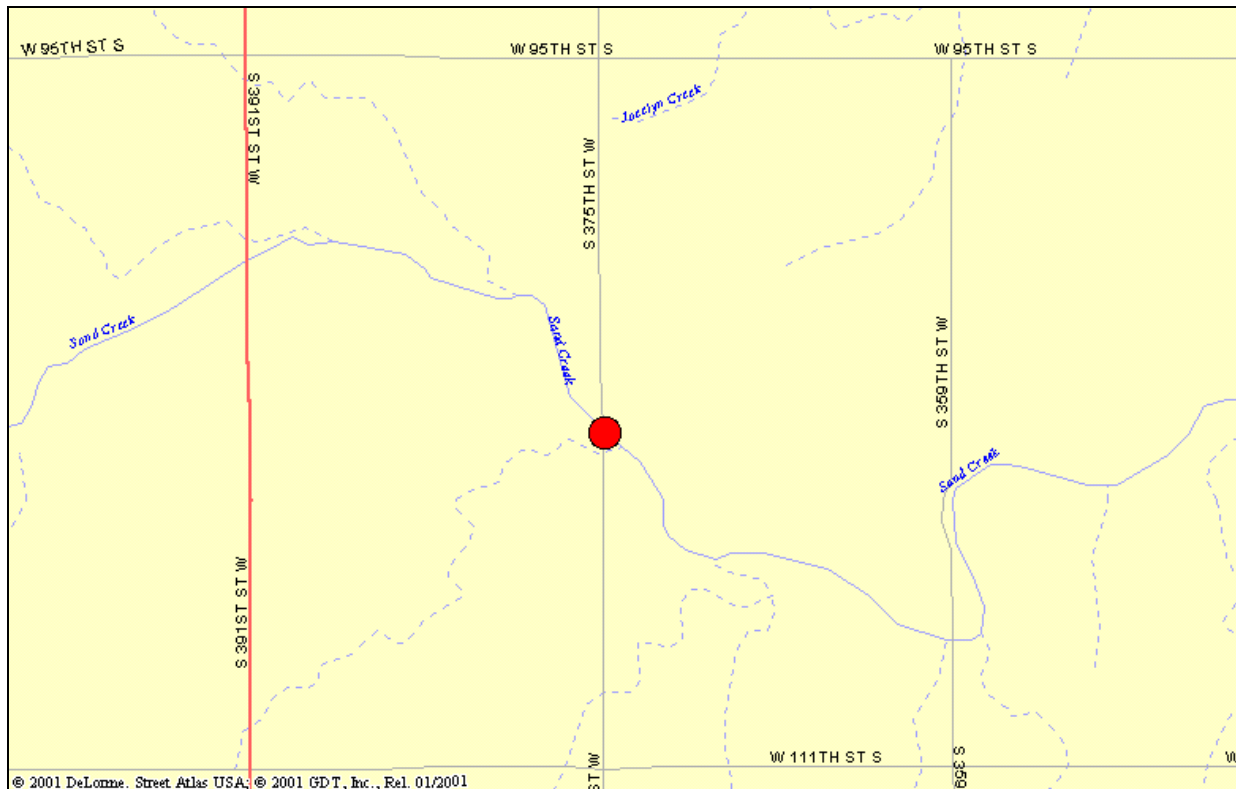
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 67.4
 Load Limit: Open

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	56,000						56,000
Construction	LST		400,000					400,000
Total		56,000	400,000	0	0	0	0	456,000



CIP PROJECT B384 Bridge Replacement on 71st St. South between 295th St. West and 311th St. West (636-7-1973)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 71st St. South between 295th St. West and 311th St. West (636-7-1973)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

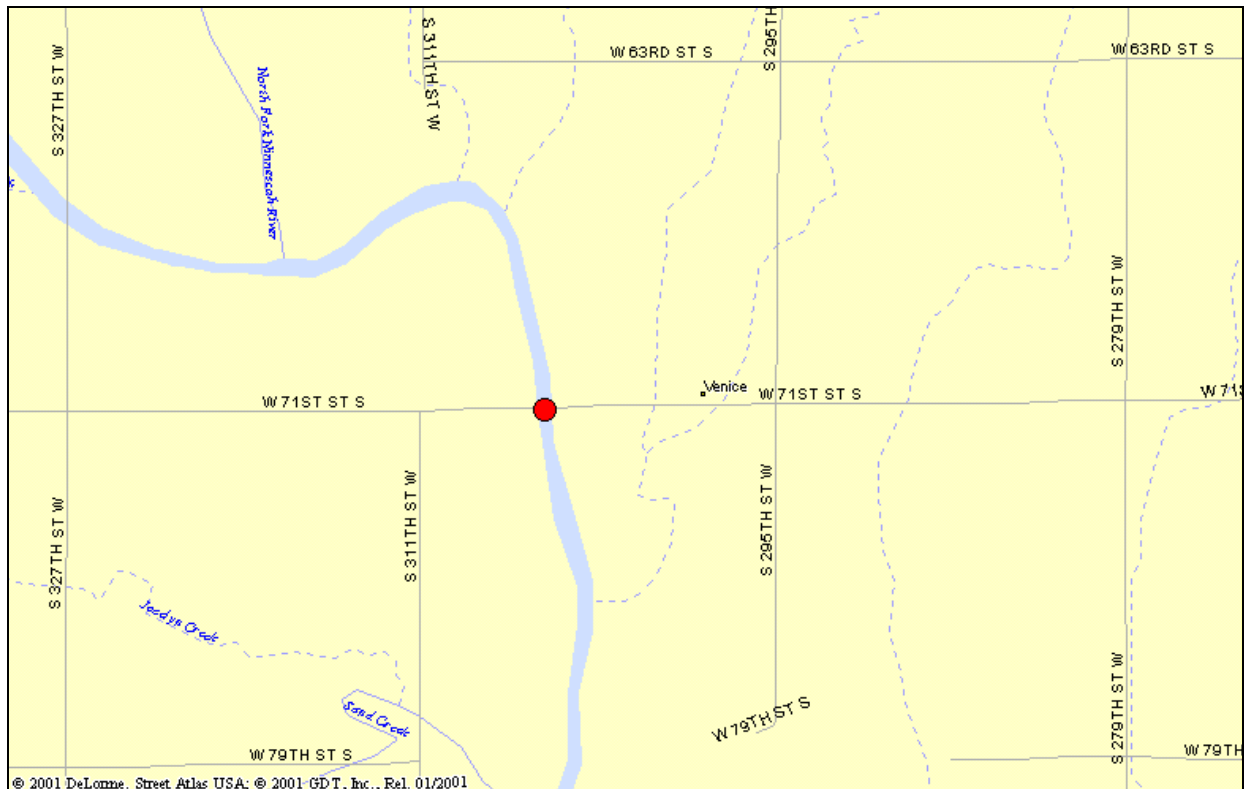
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 42.4
Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	184,000						184,000
Construction	LST			500,000				500,000
Construction	KDOT			2,000,000				2,000,000
Total		184,000	0	2,500,000	0	0	0	2,684,000



CIP PROJECT B368 Bridge Replacement on 77th St. North between 231st St. West and 247th St. West (600-11-2775)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 77th St. North between 231st St. West and 247th St. West (600-11-2775)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

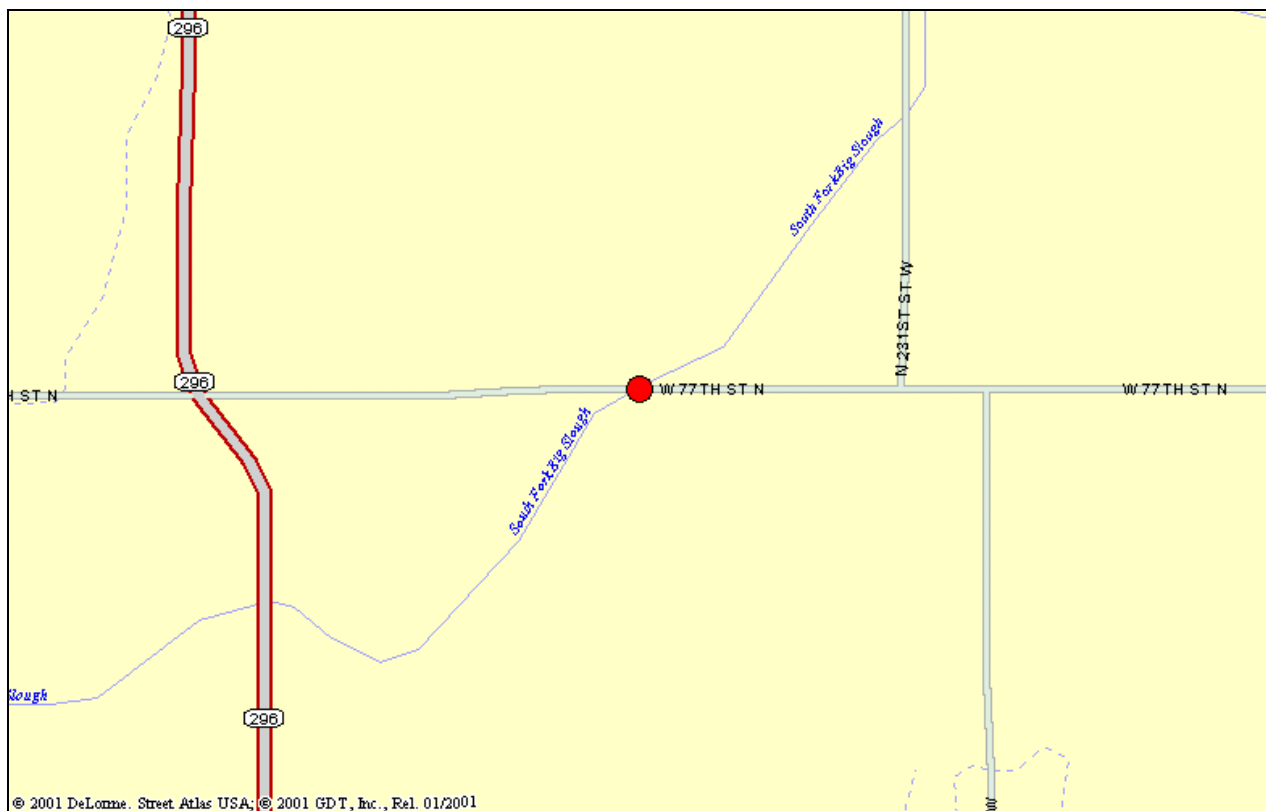
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 35.8
Load Limit: 8 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST			48,000				48,000
Construction	LST					173,900		173,900
Total		0	0	48,000	0	173,900	0	221,900



CIP PROJECT B394 Bridge Replacement on 15th St. South between 263rd St. West and 279th St. West (622-9-1754)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 15th St. South between 263rd St. West and 279th St. West (622-9-1754)

2. Work to be Performed:

a) Replacement

3. Justification:

a) The bridge is structurally deficient.

b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

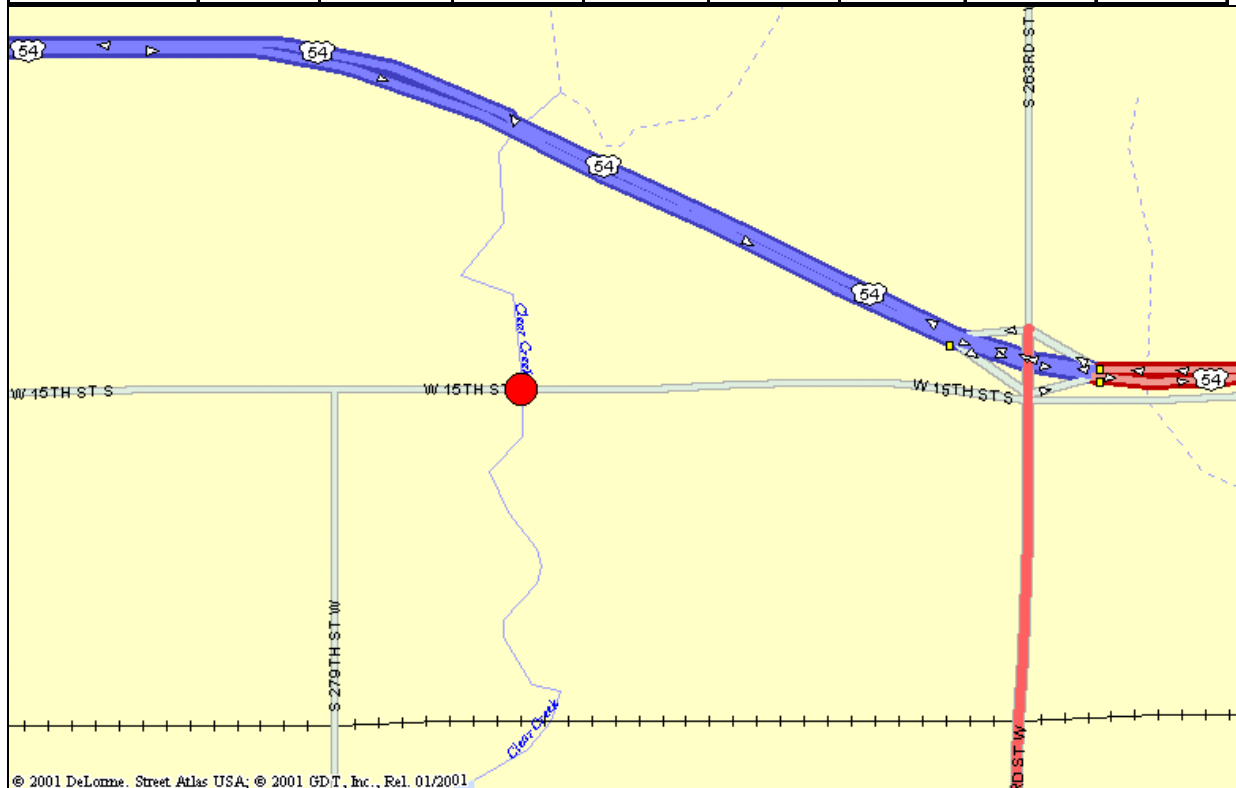
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 40.9
Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	42,000						42,000
Construction	LST		175,000					175,000
Total		42,000	175,000	0	0	0	0	217,000



CIP PROJECT B397 Bridge Replacement on 375th St. West between 55th St. South and 63rd St. South (773-W-4750)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 375th St. West between 55th St. South and 63rd St. South (773-W-4750)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This bridge is structurally deficient.

b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

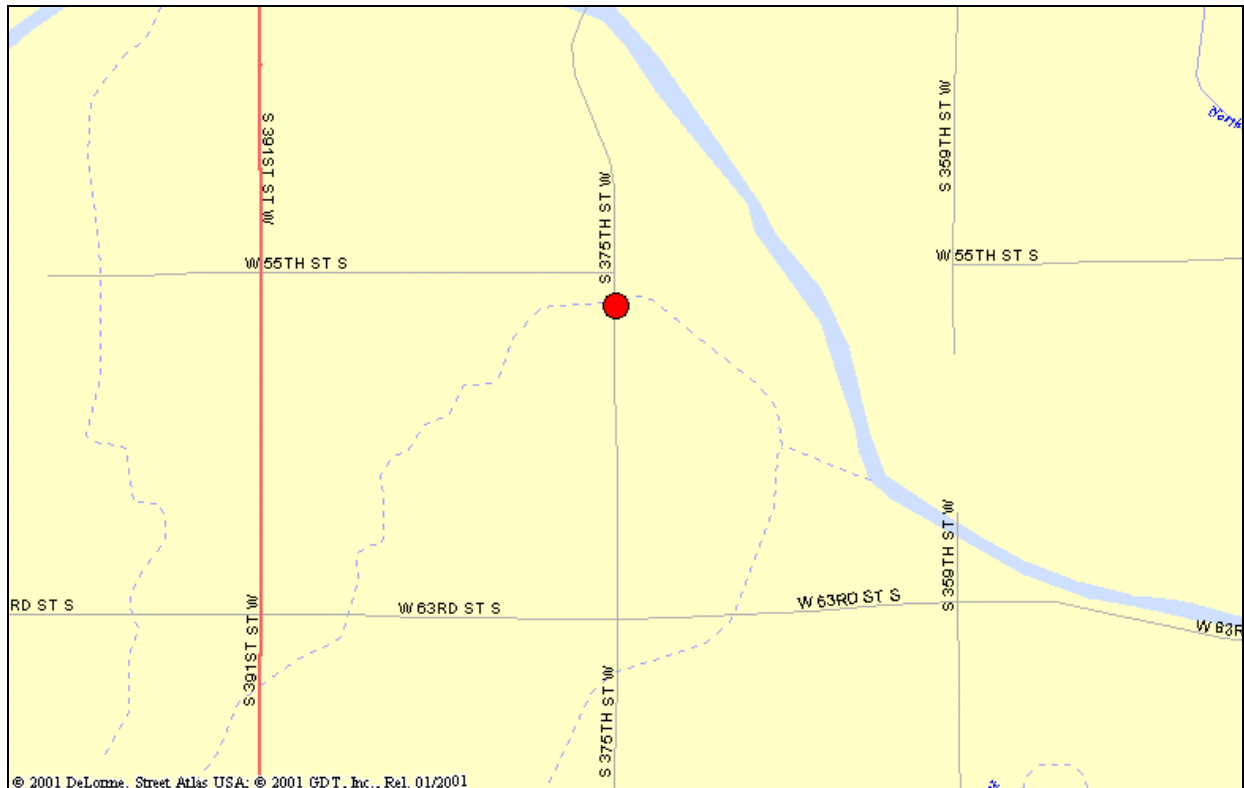
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 28.9
Load Limit: 10/15/24 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Construction	LST			150,000				150,000
Total		0	0	150,000	0	0	0	150,000



CIP PROJECT B402 Widening of Bridge on 375th St. West between 79th St. South and 87th St. South (773-Z-2340)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 375th St. West between 79th St. South and 87th St. South (773-Z-2340)

2. Work to be Performed:

a) Widening

3. Justification:

- a) The culvert is narrow relative to the approach roadway.
- b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

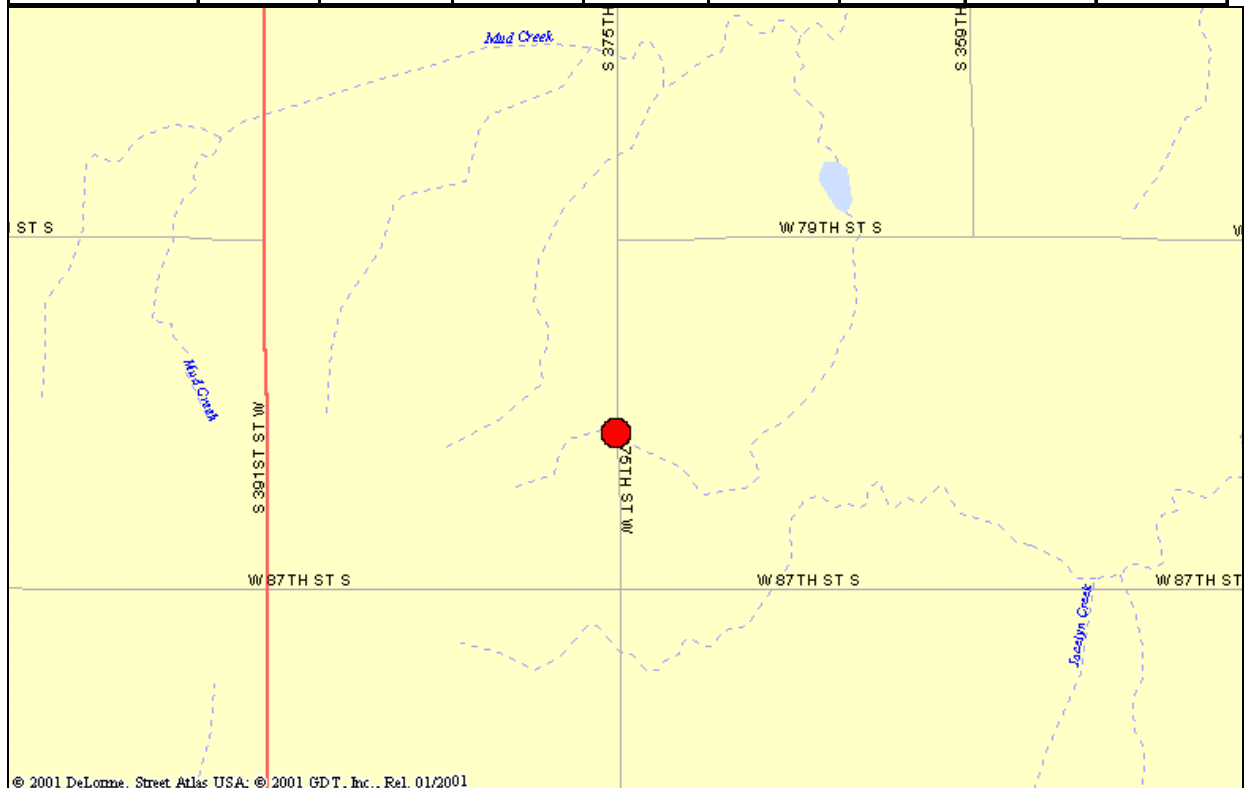
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: N/A
Load Limit: (Culvert)

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Construction	LST			64,700				64,700
Total		0	0	64,700	0	0	0	64,700



CIP PROJECT B395 Bridge Replacement on 39th St. South between 263rd St. West and 279th St. West (628-9-2930)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 39th St. South between 263rd St. West and 279th St. West (628-9-2930)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

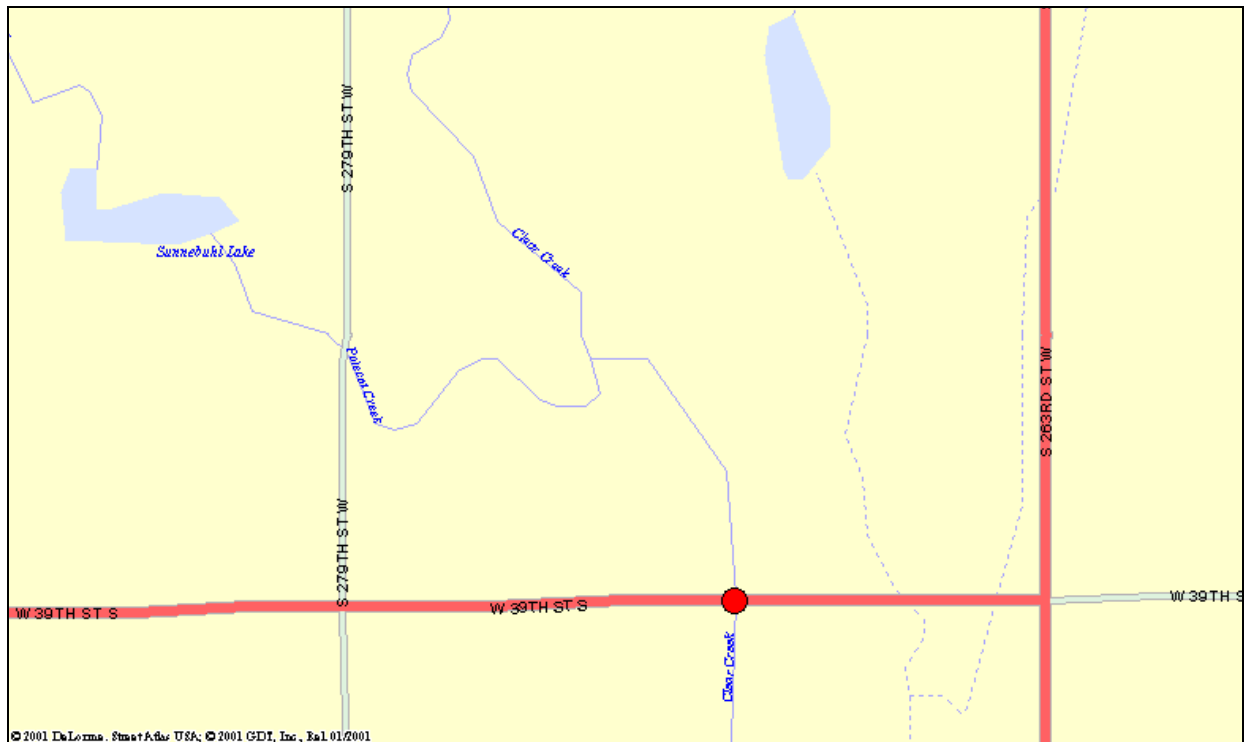
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 43.1
 Load Limit: 12/18/29 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	41,000						41,000
Construction	LST			300,000				300,000
Total		41,000	0	300,000	0	0	0	341,000



CIP PROJECT B406 Bridge Replacement on 15th St. South between 295th St. West and 311th St. West (622-7-2600)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: 15th St. South between 295th St. West and 311th St. West (622-7-2600)

2. Work to be Performed:

a) Replacement

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

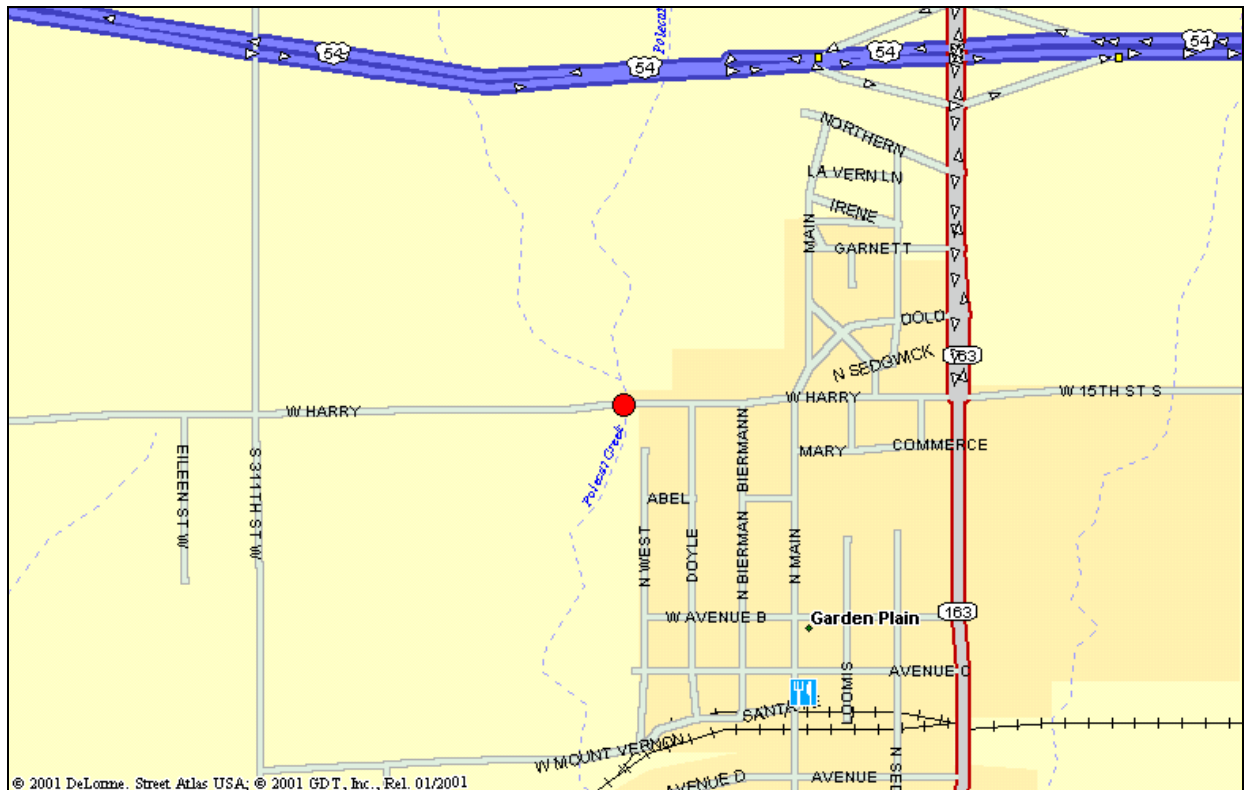
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 56.7
 Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	48,000						48,000
Construction	LST			175,000				175,000
Total		48,000	0	175,000	0	0	0	223,000



CIP PROJECT B426 Bridge Replacement on MacArthur Road between Hoover and Ridge (628-22-140)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: MacArthur Road between Hoover and Ridge (628-22-140)

2. Work to be Performed:

a) Replacement

3. Justification:

- a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”
- b) This will be a four-lane bridge to accommodate long-term growth over the life of the bridge.

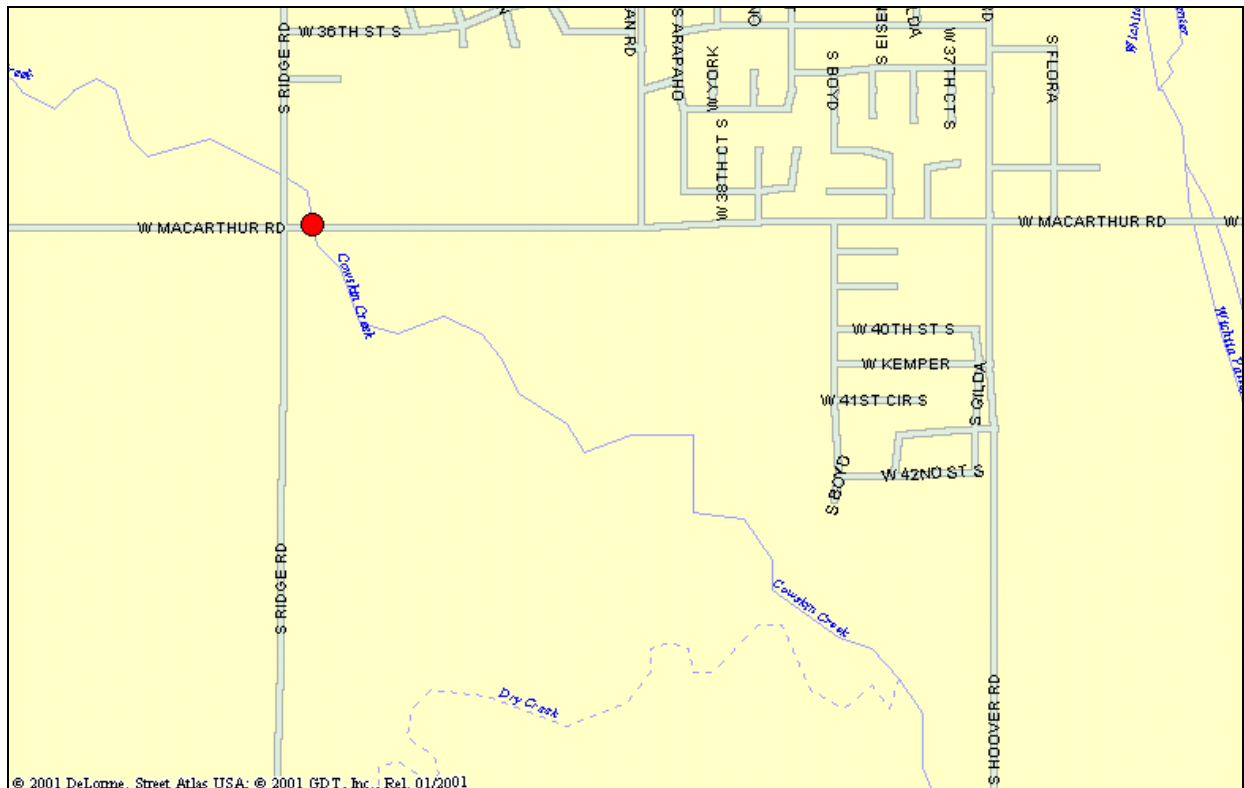
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 28.2
 Load Limit: 10/15/25 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	88,000						88,000
Construction	LST		1,750,000					1,750,000
Total		88,000	1,750,000	0	0	0	0	1,838,000



CIP PROJECT B428 Bridge Rehabilitation on Ridge Road between 61st St. North and 69th St. North (811-H-5236)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Ridge Road between 61st St. North and 69th St. North (811-H-5236)

2. Work to be Performed:

a) Rehabilitate bridge deck.

3. Justification:

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

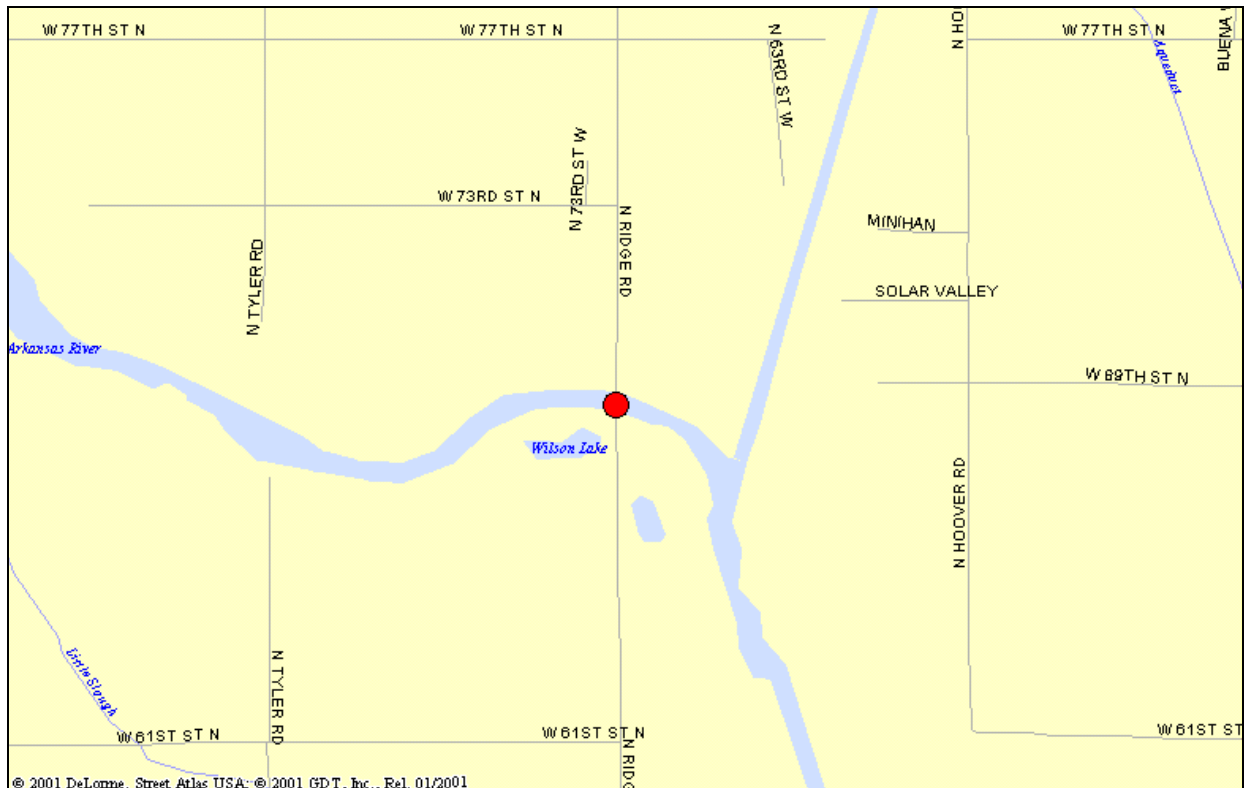
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 92.5
Load Limit: Open

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	In House						0
Construction	LST			450,000				450,000
Total		0	0	450,000	0	0	0	450,000



Project Description

- ## 2. Work to be Performed:

- ### 3. Justification:

- #### 4. Impact on Operating Budget:

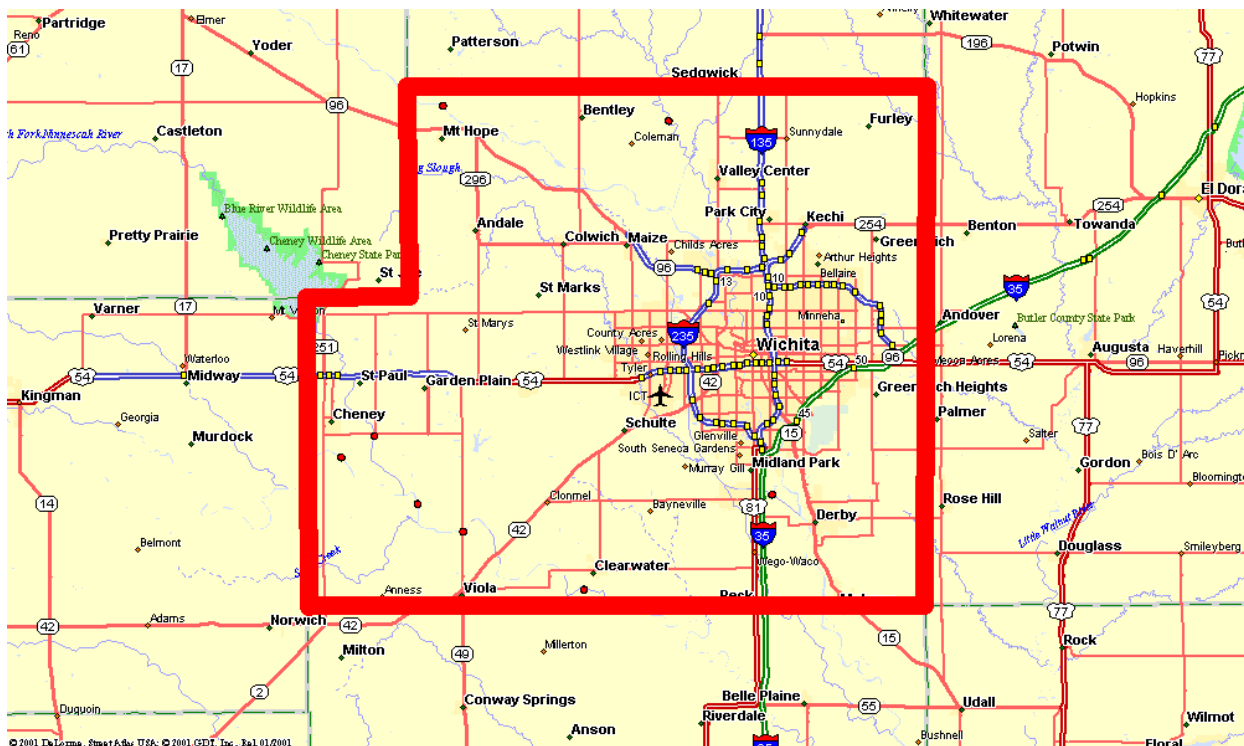
- a) None**

5. Additional Data: Sufficiency Rating: N/A

Load Limit: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST							0
Construction	LST						500,000	500,000
Construction	KDOT						2,300,000	2,300,000
Total		0	0	0	0	0	2,800,000	2,800,000



CIP PROJECT B413 Bridge Replacement on 135th St. West between 23rd St. South and 31st St. South (803-S-942)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 135th St. West between 23rd St. South and 31st St. South (803-S-942)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

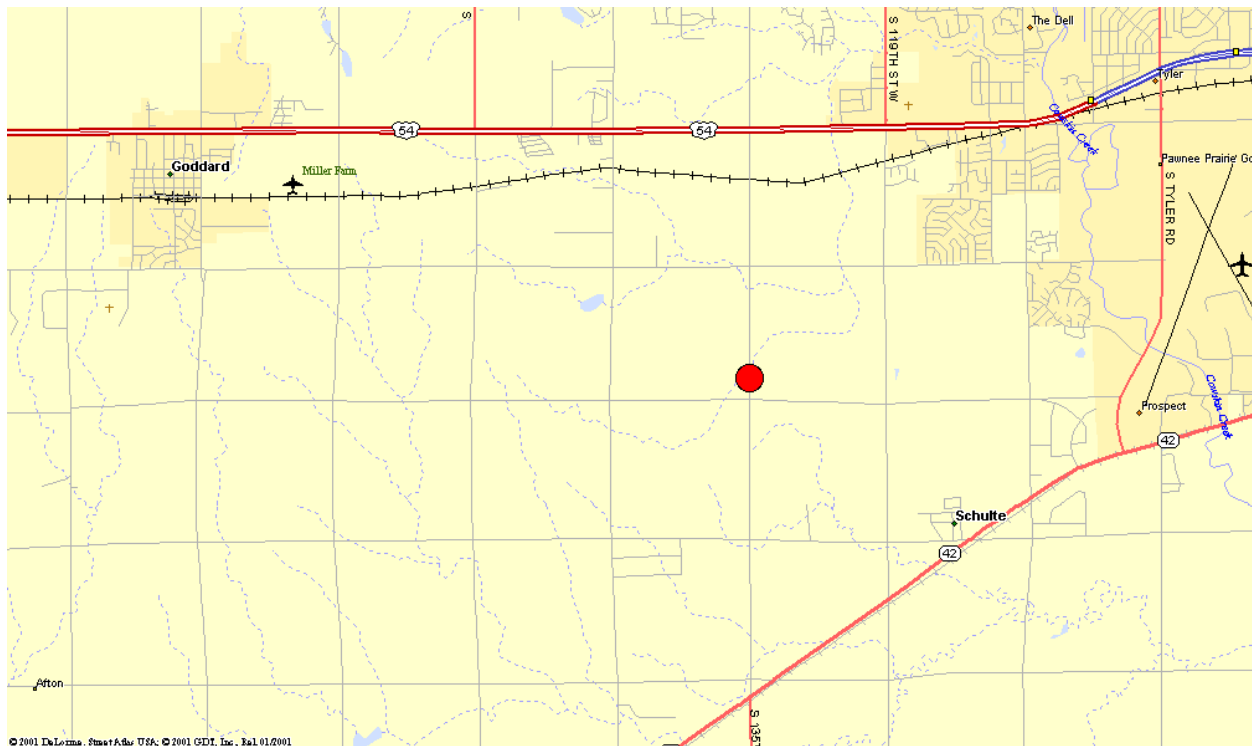
a) None

5. Additional Data: Sufficiency Rating: N/A

Load Limit: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST		22,500					22,500
Construction	LST				175,000			175,000
Total		0	22,500	0	175,000	0	0	197,500



CIP PROJECT B414 Bridge Replacement on 23rd St. South between 151st St. West and 167th St. West (624-16-1385)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 23rd St. South between 151st St. West and 167th St. West (624-16-1385)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

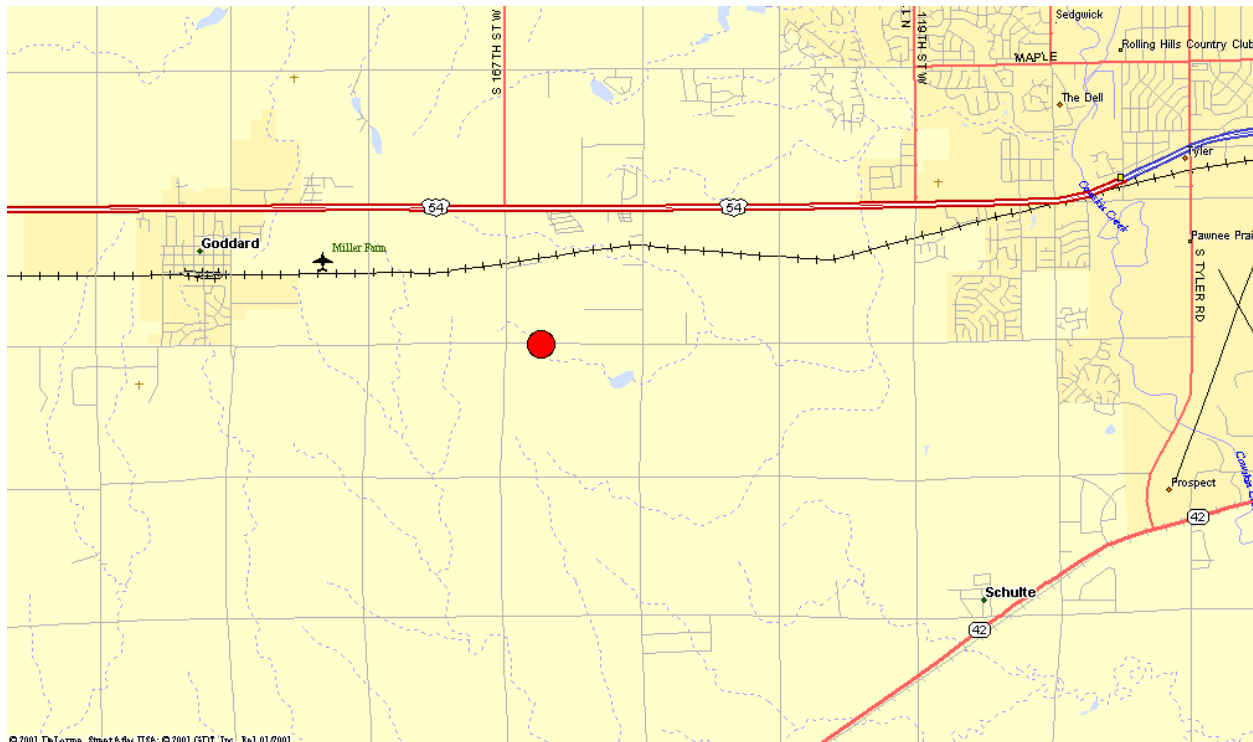
a) None

5. Additional Data: Sufficiency Rating: N/A

Load Limit: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST		15,000					15,000
Construction	LST				100,000			100,000
Total		0	15,000	0	100,000	0	0	115,000



CIP PROJECT B415 Bridge Replacement on 23rd St. South between 151st St. West and 167th St. West (624-16-2700)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 23rd St. South between 151st St. West and 167th St. West (624-16-2700)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

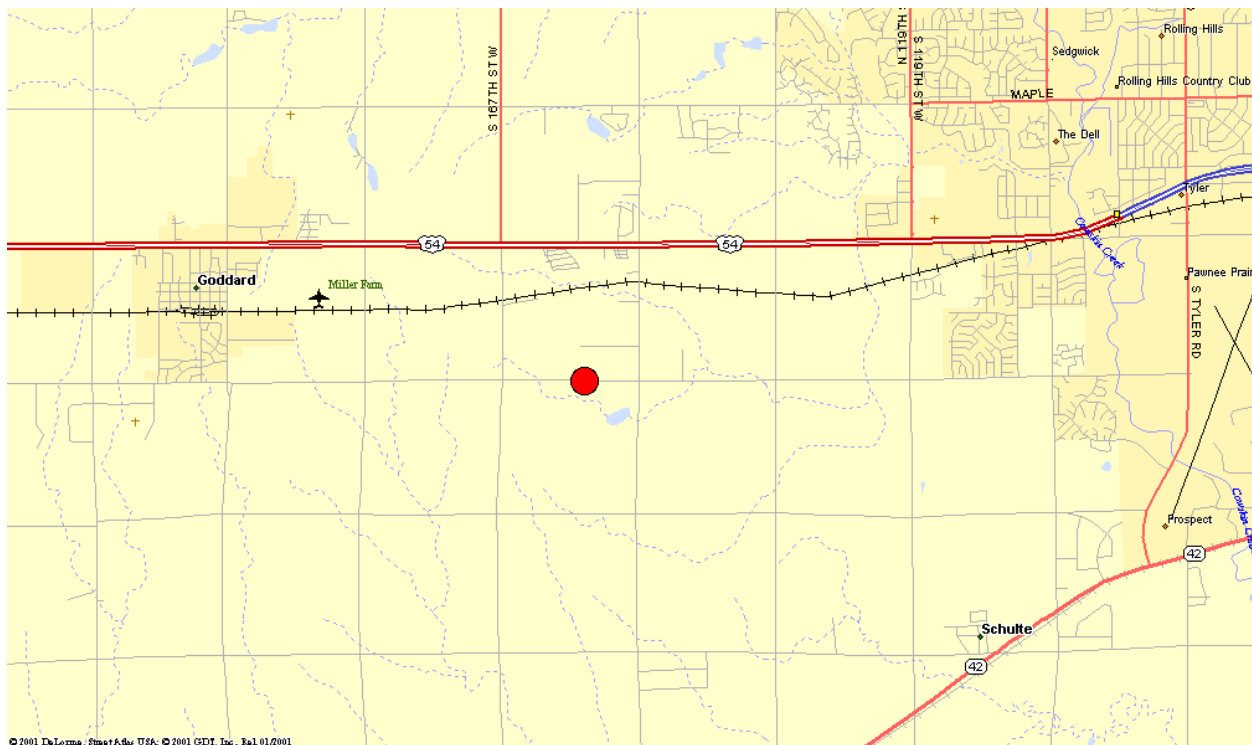
a) None

5. Additional Data: Sufficiency Rating: N/A

Load Limit: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST		15,000					15,000
Construction	LST				100,000			100,000
Total		0	15,000	0	100,000	0	0	115,000



CIP PROJECT B416 Bridge Replacement on 199th St. West between 47th St. South and 55th St. South (795-V-3802)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 199th St. West between 47th St. South and 55th St. South (795-V-3802)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

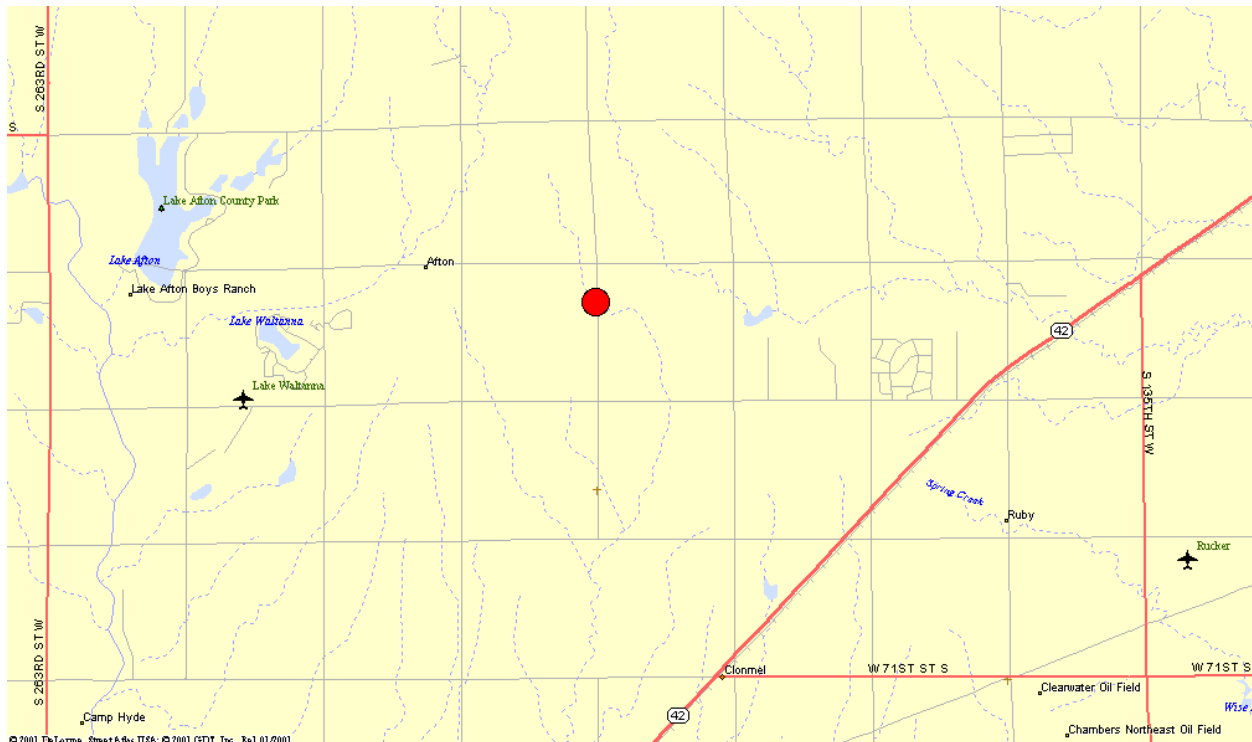
a) None

5. Additional Data: Sufficiency Rating: N/A

Load Limit: N/A

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST		15,000					15,000
Construction	LST				100,000			100,000
Total		0	15,000	0	100,000	0	0	115,000



Project Description

1. Location Central between 375th St. West and 391st St. West (618-2-4100)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

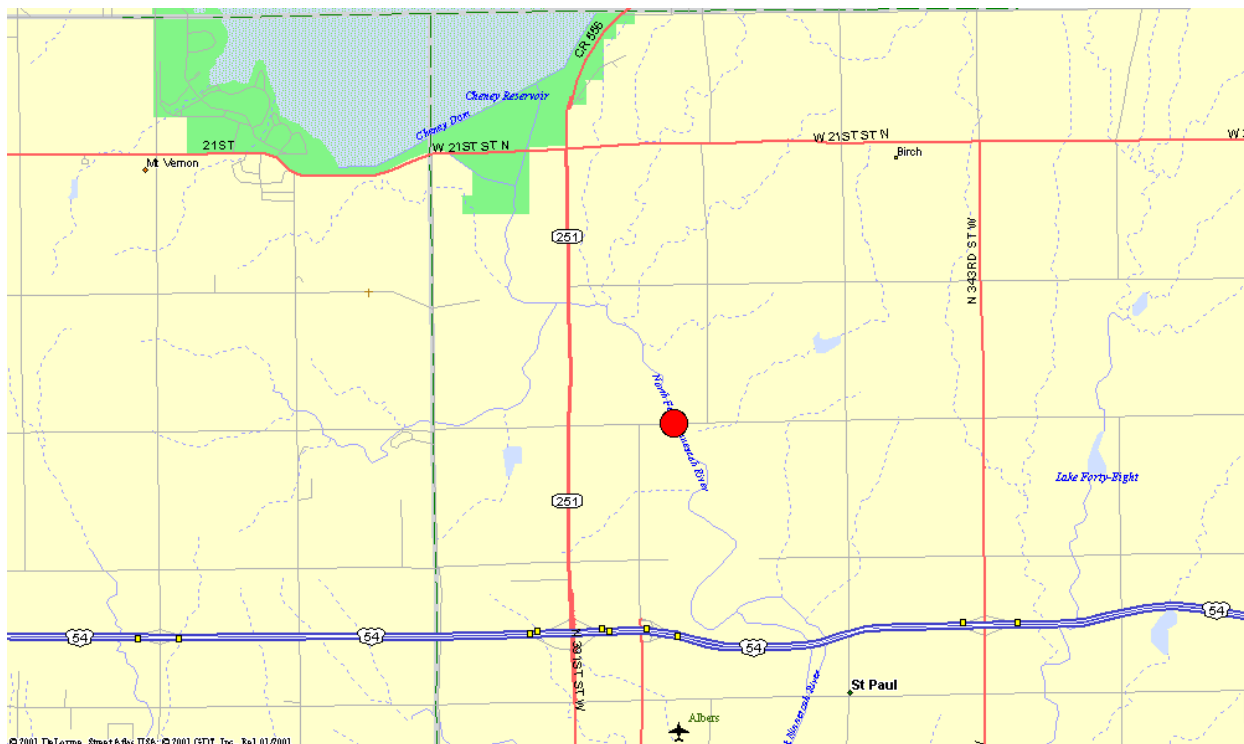
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 35.0
Load Limit: 6/10/12 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	163,000						163,000
Construction	LST			300,000				300,000
Construction	KDOT			1,200,000				1,200,000
Total		163,000	0	1,500,000	0	0	0	1,663,000



CIP PROJECT B433 Bridge Replacement on 45th St. North between Hydraulic and Hillside (608-28-3135)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 45th St. North between Hydraulic and Hillside (608-28-3135)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 39.6
 Load Limit: 5/7/13 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST	61,000						61,000
Construction	LST		750,000					750,000
Total		61,000	750,000	0	0	0	0	811,000



CIP PROJECT B434 Bridge Replacement on 343rd St. West between 63rd St. South and 71st St. South (777-X-1640)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location Bridge Replacement on 343rd St. West between 63rd St. South and 71st St. South (777-X-1640)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

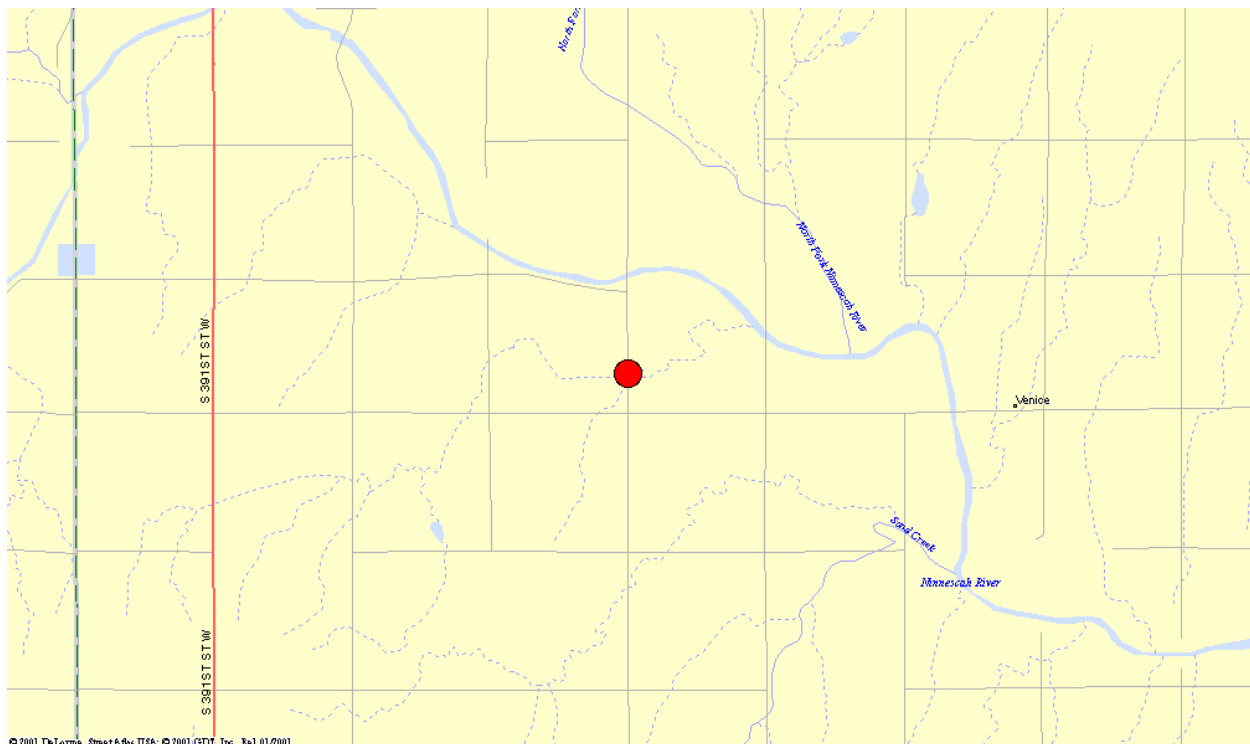
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 75.5
 Load Limit: Open

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST		20,000					20,000
Construction	LST				150,000			150,000
Total		0	20,000	0	150,000	0	0	170,000



CIP PROJECT B438 Bridge Replacement on 71st St. South between 295th St. West and 311th St. West (636-7-4560)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 71st St. South between 295th St. West and 311th St. West (636-7-4560)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

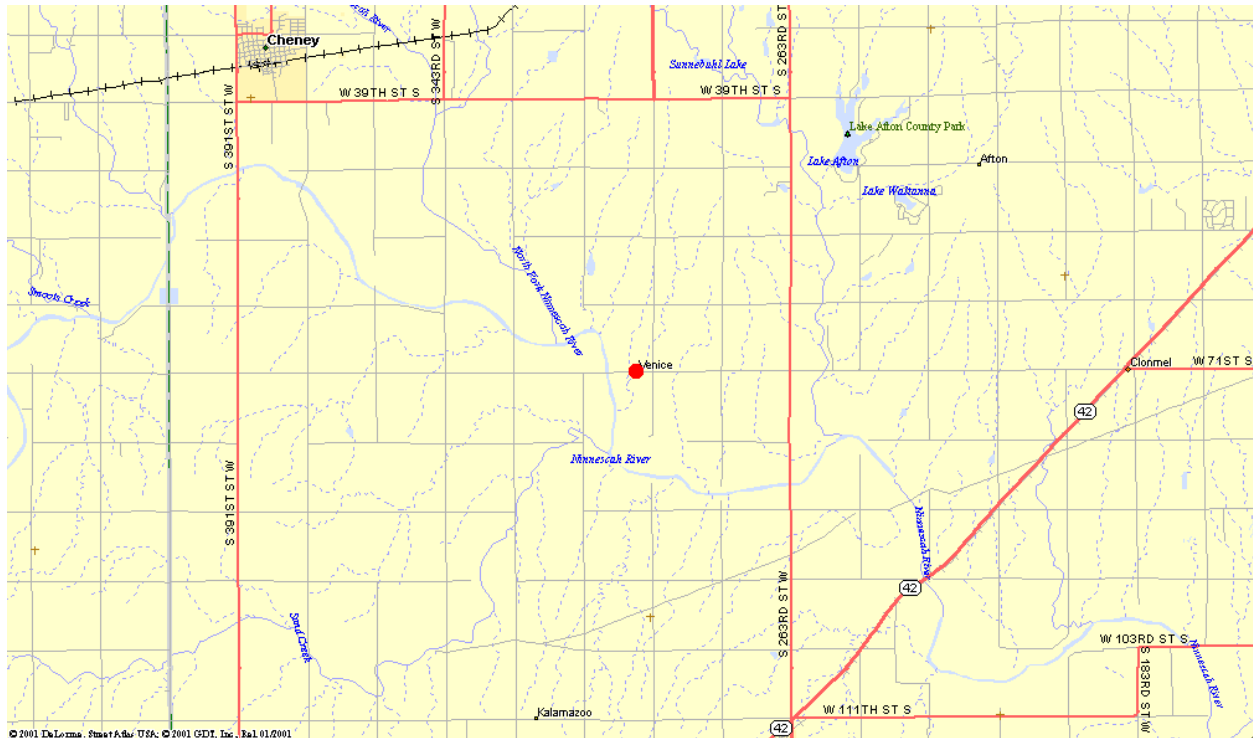
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 66.5
 Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST				40,000			40,000
Construction	LST						250,000	250,000
Total		0	0	0	40,000	0	250,000	290,000



CIP PROJECT B439 Bridge Replacement on 71st St. South between 199th St. West and 215th St. West (636-13-4570)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 71st St. South between 199th St. West and 215th St. West (636-13-4570)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

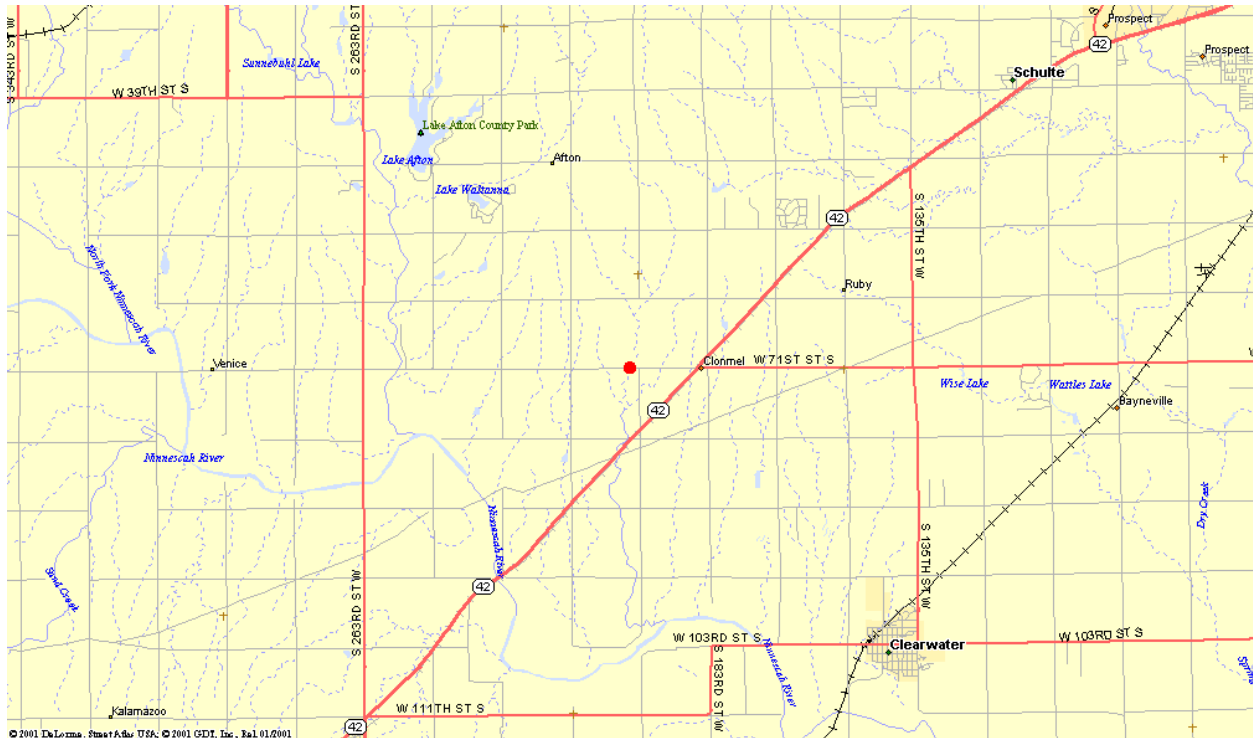
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 67.4
 Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST				40,000			40,000
Construction	LST						250,000	250,000
Total		0	0	0	40,000	0	250,000	290,000



CIP PROJECT B441 Bridge Replacement on 71st St. South between 39th St. West and 55th St. West (636-23-910)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location 71st St. South between 39th St. West and 55th St. West (636-23-910)

2. Work to be Performed:

a) Replacement

3. Justification

a) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

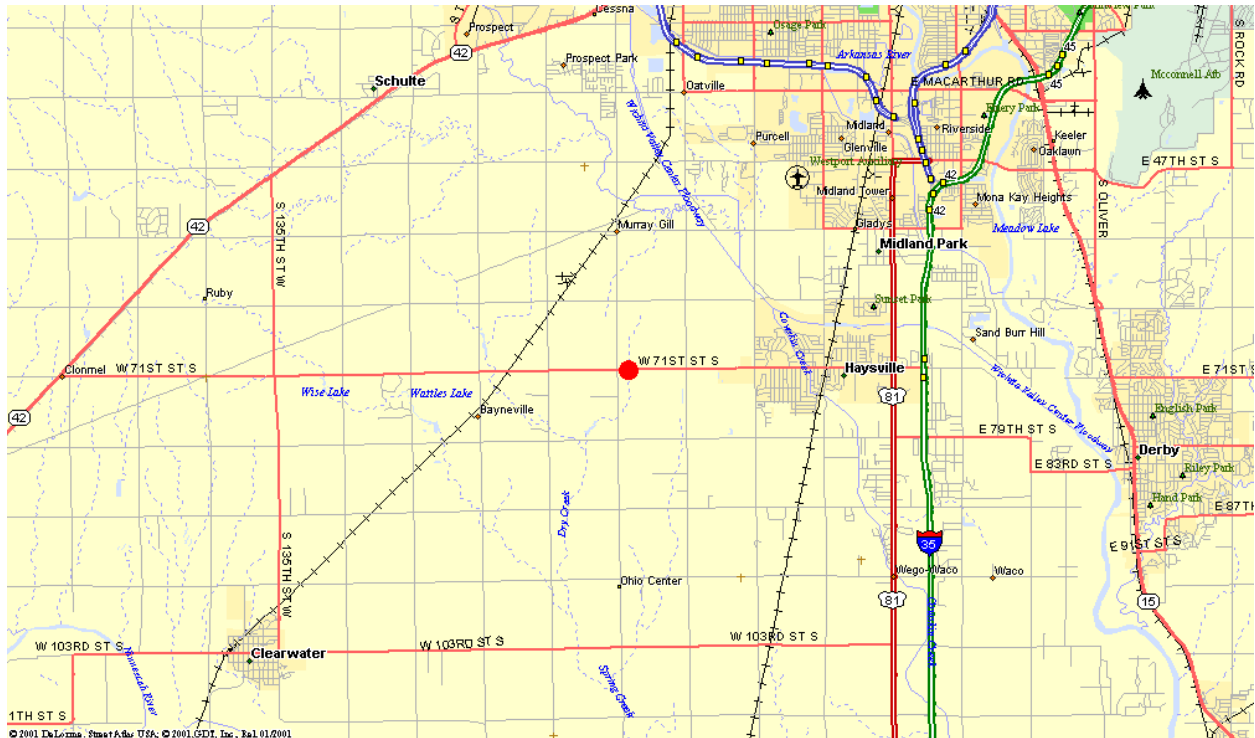
4. Impact on Operating Budget:

a) None

5. Additional Data: Sufficiency Rating: 71.9
 Load Limit: 15/23/36 Tons

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST				40,000			40,000
Construction	LST						250,000	250,000
Total		0	0	0	40,000	0	250,000	290,000



CIP PROJECT B442 Bridge Replacement on Hydraulic between 63rd St. South and 71st St. South (823-X-1870)

Requestor: David C. Spears, Director of Public Works/County Engineer

Project Description

1. Location: Hydraulic between 63rd St. South and 71st St. South (823-X-1870)

2. Work to be Performed:

- a) Replace and widen.

3. Justification:

- a) This bridge provides one of the crossings of the Wichita-Valley Center Flood Control Project. The bridge is over 50 years old, has had several major repairs and is due for replacement.
- b) This project meets the second goal of the Highway Department to “improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community.”

4. Impact on Operating Budget:

- a) None

5. Additional Data: Sufficiency Rating: 76.9
 Load Limit: Open

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2006	2007	2008	2009	2010	Total
Design	LST			500,000				500,000
Construction	LST					1,500,000		1,500,000
Construction	KDOT					6,900,000		6,900,000
Total		0	0	500,000	0	8,400,000	0	8,900,000

