- **CIP PROJECT** D20 Construction of Clifton Channel Improvements south of 47<sup>th</sup> 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 47<sup>th</sup> St. South to a point a quarter mile south of 55<sup>th</sup> 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

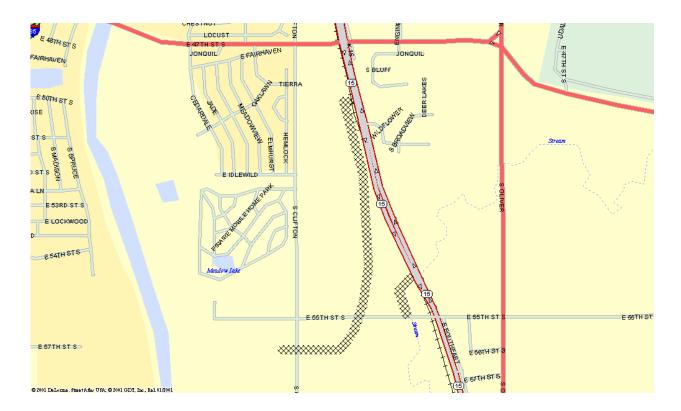
#### 3. Justification:

**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

Phase	Funding	Prior	2007	2008	2009	2010	2011	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 55<sup>th</sup> St. South and Oliver

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

### **Project Description**

**1. Location:** 55<sup>th</sup> St. South and Oliver

# 2. Work to be Performed:

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

#### 3. Justification:

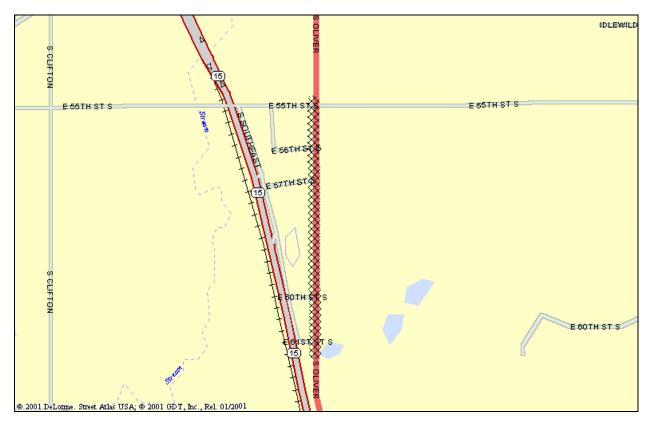
a) Construction of this project will improve drainage in the area, enhance local property values and minimize flooding of adjacent properties. This is consistent with the mission of the Stormwater Management Department.

## 4. Impact on Operating Budget:

a) None anticipated.

5. Additional Data: N/A

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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 87<sup>th</sup> St. South to 103<sup>rd</sup> St. South and along 103<sup>rd</sup> St. South to the Arkansas River
- Requestor: David C. Spears, Director of Public Works/County Engineer

#### **Project Description**

**1. Location:** Bluff from 87<sup>th</sup> St. South to 103<sup>rd</sup> St. South and along 103<sup>rd</sup> 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.

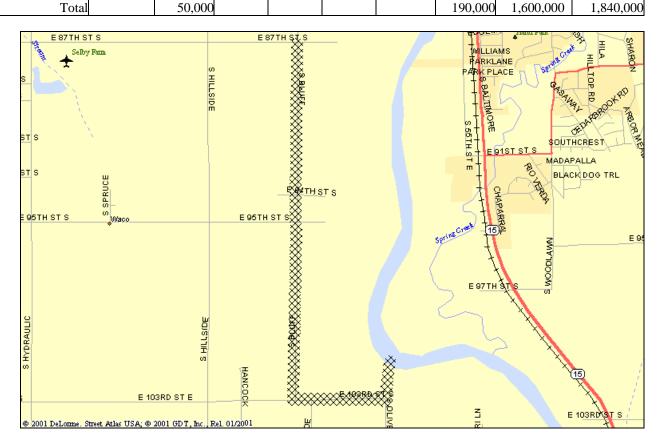
### 3. Justification:

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

Phase	Funding	Prior	2007	2008	2009	2010	2011	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	1,600,000	1,840,000



- **CIP PROJECT** D21 Construction of Drainage Improvements and Channel in area bounded by 79<sup>th</sup> St. S., Meridian, 119<sup>th</sup> St. S. and West St.
- Requestor: David C. Spears, Director of Public Works/County Engineer

#### **Project Description**

**1. Location:** Sections 12, 13, 24, 25 and 36 in Ohio Township

#### 2. Work to be Performed:

a) Construct open channel ditches and detention storage.

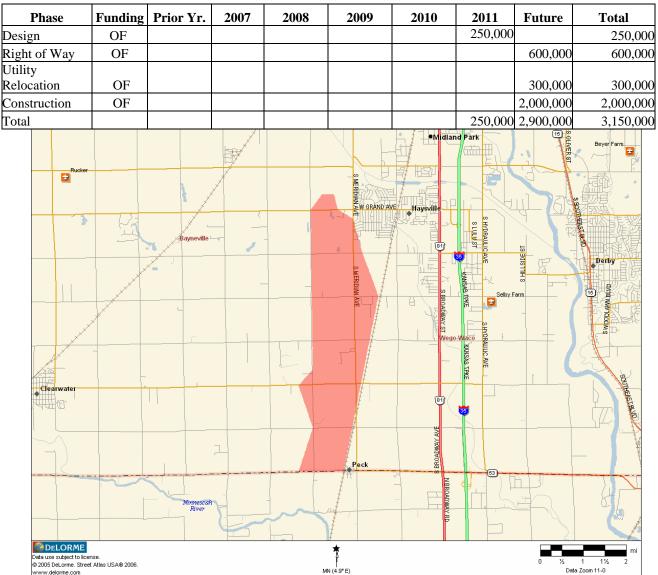
#### 3. Justification:

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 several times a year. Inspection will determine frequency.

#### 5. Additional Data: N/A



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

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

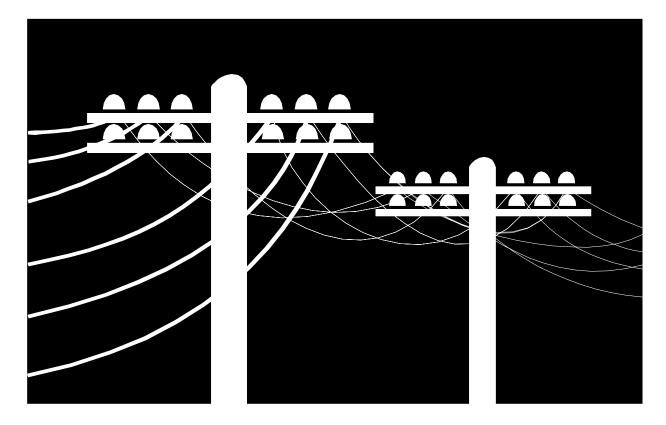
## **Project Description**

- 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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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 R175 Preventive Maintenance on Selected Roads

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

### Project Description

1. Location: Selected Roads based on a rotating five year schedule

## 2. Work to be Performed:

a) Construction by contract or purchase of materials (including road oil and aggregates) for overlays, seals, shoulders and cold mix asphalt.

## 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.	2007	2008	2009	2010	2011	Total
Construction	LST	2,633,000	4,900,000	5,000,000	4,900,000	5,100,000	6,700,000	29,233,000
Total		2,633,000	4,900,000	5,000,000	4,900,000	5,100,000	6,700,000	29,233,000

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

Nova Chip<sup>®</sup> – an Ultrathin Bonded Wearing Course consisting of Polymer Modified Emulsion Membrane with an ultrathin overlay of hot asphalt concrete, thickness between  $\frac{1}{2}$ " and  $\frac{3}{4}$ ".

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)

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

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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Implementation	LST	750,000	250,000	250,000		0	0	1,250,000
Implementation	COW	750,000	250,000	250,000		0	0	1,250,000
Implementation	KDOT	750,000	750,000	750,000		0	0	2,250,000
Total		2,250,000	1,250,000	1,250,000	0	0	0	4,750,000



CIP PROJECT R248 Widen to 4-lanes West Street between the south city limits of Wichita and 47<sup>th</sup> St. South (815-S ½ T, U)

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

**Project Description** 

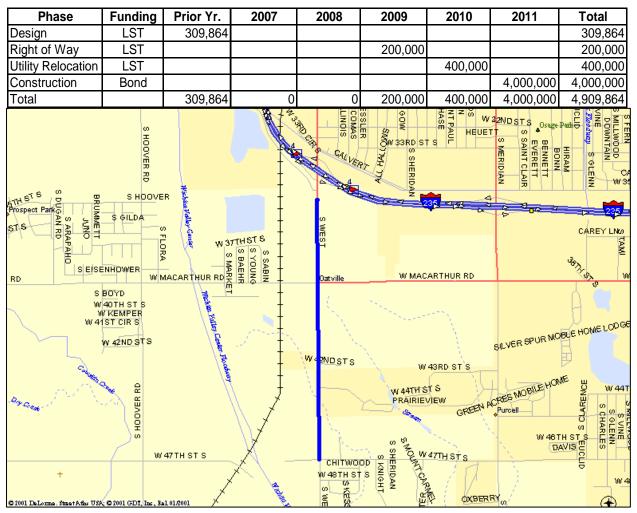
1. Location: West Street between the south city limits of Wichita and  $47^{th}$  St. South (815-S  $\frac{1}{2}$  T, U)

# 2. Work to be Performed:

- a) Widen to 4-lanes
- 3. Justification:
  - a) West Street between MacArthur and 47<sup>th</sup> is developing as a commercial and industrial corridor with new residential development beginning to occur at the south end. The mixture of vehicle types and increasing traffic warrant improvement of the road.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:
- Traffic Volume: Street Function:

8,433; 4,833

Industrial arterial, commuter, school bus route



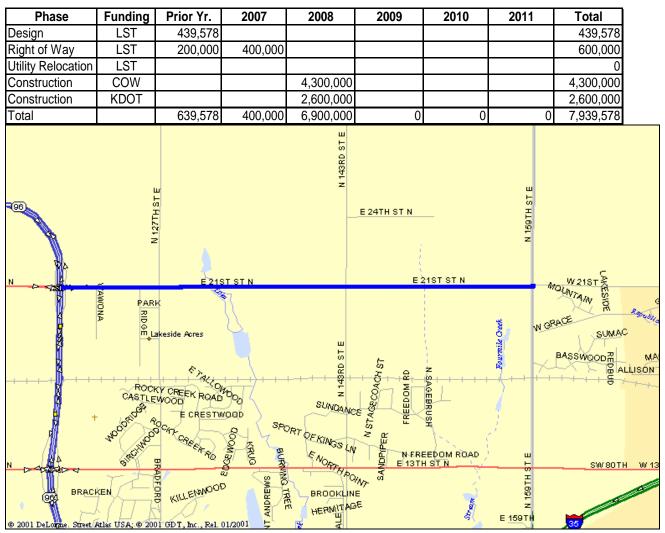
Sedgwick County 2007-2011 CIP

- 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: 21<sup>st</sup> St. North between K-96 Bypass and 159<sup>th</sup> St. East (614-E ½ 34,35,36)
- 2. Work to be Performed:
  - a) Widen to four lanes.
- 3. Justification:
  - a) This section of 21<sup>st</sup> 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: Street Function: Unknown; 10,856; 13,949 Commuter, school bus route



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:

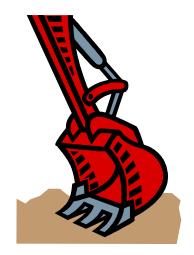
- a) Miscellaneous drainage projects to improve localized drainage
- 3. Justification:
  - a) There are drainage problems at numerous locations throughout the county that require repair in order to maintain or improve serviceability of the county road system.

# 4. Impact on Operating Budget:

a) None

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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Construction	LST	200,000	400,000	400,000	400,000	400,000	400,000	2,200,000
Total		200,000	400,000	400,000	400,000	400,000	400,000	2,200,000



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

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

### **Project Description**

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

## 2. Work to be Performed:

a) Recondition roadbed plus 6" bituminous surfacing

### 3. Justification:

- a) 119<sup>th</sup> St. West has taken on significant traffic volumes since the opening of Maize High School, especially at the corner of 45<sup>th</sup> St. North and 119<sup>th</sup> 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:
  - Street Function:

2,486; 2,772; 2,437

Commuter, school bus route, farm market route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	200,000						200,000
Right of Way	LST		600,000					600,000
Utility Relocation	LST		750,000					750,000
Construction	Bond		2,500,000					2,500,000
Total		200,000	3,850,000	0	0	0	0	4,050,000
2	Colwich		t t t t t t t t t t t t t t t t t t t		Maize			W 53RD ST N
St Marks			all and a second					Rimerside
© 2001 DaLorma, Simat Atlas USA; © 2001 (	TTT To: Rel 01/2001	W 21ST ST N		रह्य हैर में	W21ST STN			rseshoe Lake

CIP PROJECT R259 Recondition roadbed plus 6" bituminous surfacing - 135<sup>th</sup> St. West between K-42 and Diagonal (803-V thru N ¼ BB)

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

**Project Description** 

1. Location: 135<sup>th</sup> St. West between K-42 and Diagonal (803-V thru N ¼ BB)

2. Work to be Performed:

- a) Recondition roadbed plus 6" bituminous surfacing
- 3. Justification:
  - a) 135<sup>th</sup> serves as the primary connection between Clearwater and Wichita.
- 4. Impact on Operating Budget:

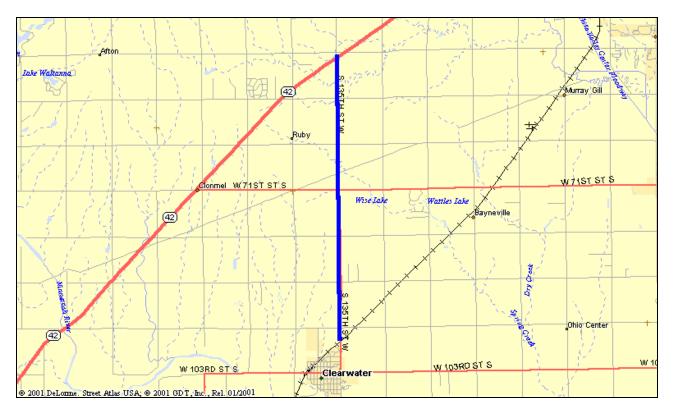
a) None

5. Additional Data: Traffic Volume:

Street Function:

3,122; 3,433; 3,217; 3,730; 3,863; 3,929; 3,621 Commuter, school bus route, farm market

		Prior						
Phase	Funding	Yr.	2007	2008	2009	2010	2011	Total
Design	In House							0
Right of Way	LST		500,000					500,000
Utility Relocation	LST			150,000				150,000
Construction	Bond				3,000,000			3,000,000
Total		0	500,000	150,000	3,000,000	0	0	3,650,000



CIP PROJECT R157 Recondition roadbed plus 6" bituminous surfacing - 37<sup>th</sup> 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: 37<sup>th</sup> 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

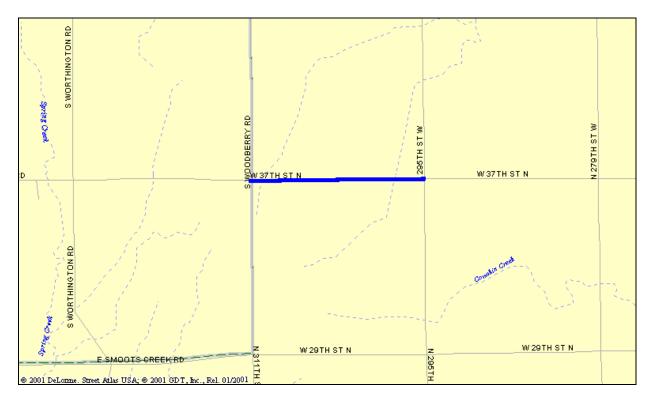
Traffic Volume:

Street Function:

- 3. Justification:
  - a) The surface of this road is deteriorating.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:

238 Farm market

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	In House							0
Right of Way	LST			30,000				30,000
Utility Relocation	LST				30,000			30,000
Construction	Bond					500,000		500,000
Total		0	0	30,000	30,000	500,000	0	560,000



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

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

**Project Description** 

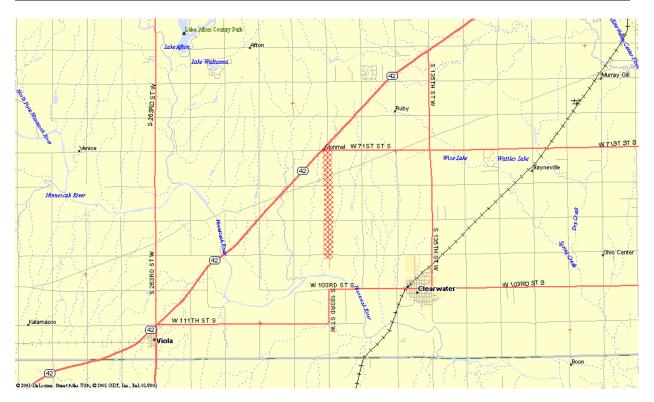
1. Location 183<sup>rd</sup> St. West between 71<sup>st</sup> St. South and 95<sup>th</sup> St. South (797-Y,Z,AA)

# 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)
- 5. Additional Data:
- Traffic Volume: Street Function:

381, 365, 332 School Bus Route, Farm Market

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	In House							0
Right of Way	LST			150,000				150,000
Utility Relocation	LST				150,000			150,000
Construction	Bond					1,500,000		1,500,000
Total		0	0	150,000	150,000	1,500,000	0	1,800,000



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

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

**Project Description** 

**1. Location** 183<sup>rd</sup> St. West between 23<sup>rd</sup> St. South and 39<sup>th</sup> 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."

910, 769

4. Impact on Operating Budget:

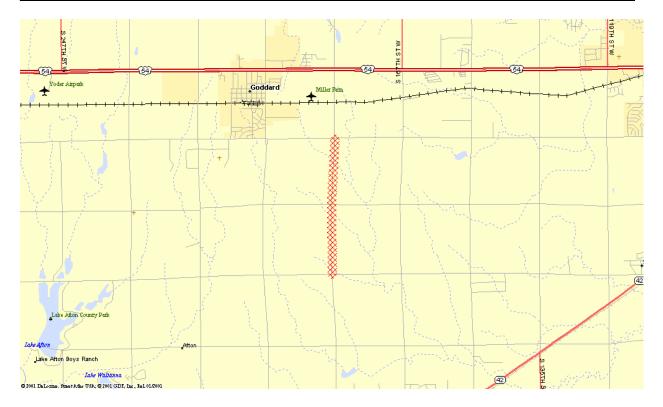
a)

5. Additional Data:

Traffic Volume: Street Function:

School Bus Route, Farm Market

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	In House							0
Right of Way	LST			100,000				100,000
Utility Relocation	LST				100,000			100,000
Construction	Bond					1,000,000		1,000,000
Total		0	0	100,000	100,000	1,000,000	0	1,200,000



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

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

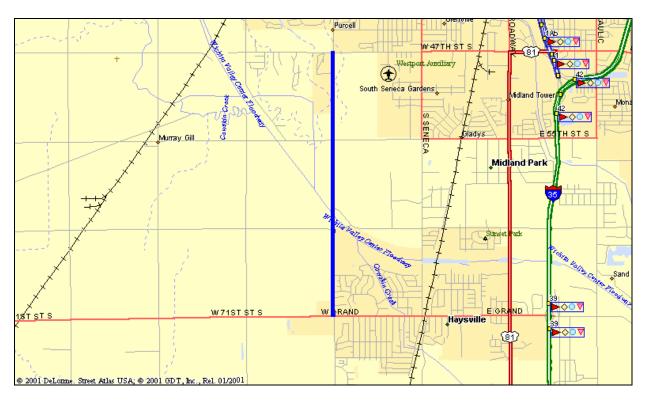
**Project Description** 

- 1. Location: Meridian between 47<sup>th</sup> St. South and 71<sup>st</sup> 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: Street Function:

6,898; 6,826; 9,578

Commuter, school bus route, farm to market

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	649,898						649,898
Right of Way	LST	200,000						200,000
Utility Relocation	LST		300,000					300,000
Construction	KDOT			3,000,000				3,000,000
Construction	LST			4,000,000				4,000,000
Total		849,898	300,000	7,000,000	0	0	0	8,149,898



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

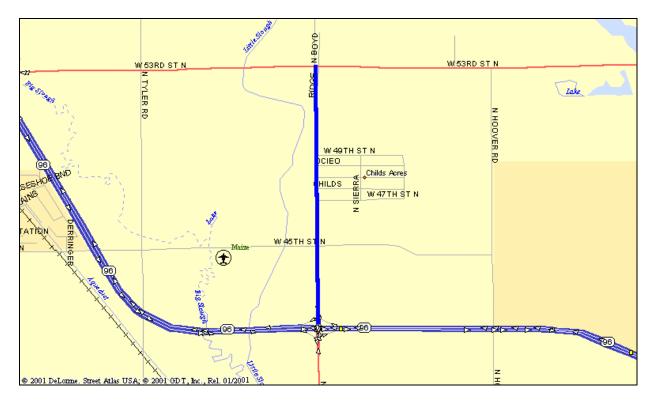
## 2. Work to be Performed:

- a) Widen
- 3. Justification:
  - a) Traffic counts are increasing. This will improve connections to 53<sup>rd</sup> 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:
- ata: Traffic Volume: Street Function:

7,581; 4,391

Commuter, school bus route, farm to market

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2010	Total
Design	LST	566,000						566,000
Right of Way	LST	200,000	200,000					400,000
Utility Relocation	LST			200,000				200,000
Construction	LST				1,544,000			1,544,000
Construction	KDOT				6,176,000			6,176,000
Total		766,000	200,000	200,000	7,720,000	0	0	8,886,000



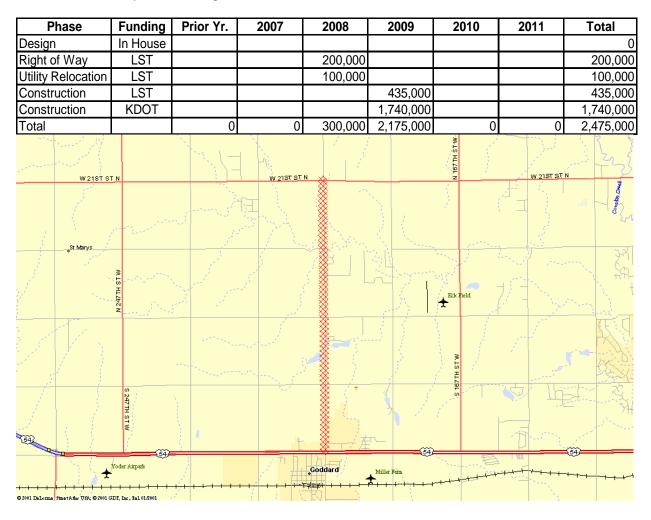
CIP# R267 Recondition 199<sup>th</sup> St. West between 21<sup>st</sup> St. North and US-54

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

**Project Description** 

- 1. Location 199<sup>th</sup> St. West between 21<sup>st</sup> 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)
- 5. Additional Data:
- Traffic Volume: Street Function:

829, 691, 1064, 1697 School Bus Route, Farm Market



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

3472

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

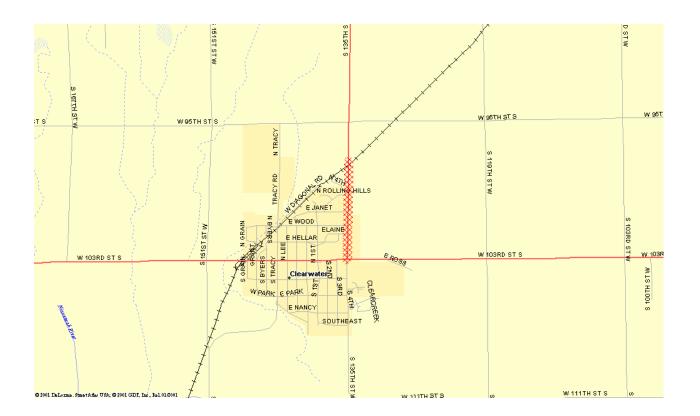
**Project Description** 

- 1. Location: 135<sup>th</sup> 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 135<sup>th</sup> St. West is creating traffic congestion in Clearwater.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:

Traffic Volume: Street Function:

Commercial and residential corridor, commuter route, bus route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Future	Total
Design	LST				150,000				150,000
Right of Way	LST					50,000			50,000
Utility Relocation	LST							100,000	0
Construction	LST							400,000	0
Construction	Clearwater							1,100,000	0
Total		0	0	0	150,000	50,000	0	1,600,000	200,000



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

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

**Project Description** 

1. Location: to 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:

1684, 2600, 2745

Traffic Volume:

Street Function: 6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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	80,000	50,000	0	850,000	980,000



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

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

Project Description

1. Location: 63<sup>rd</sup> 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 63<sup>rd</sup> St. South. 63<sup>rd</sup> St. South is a major commuter route to McConnell and Boeing and connects south Wichita with Derby and Butler County.

7,440

4. Impact on Operating Budget:

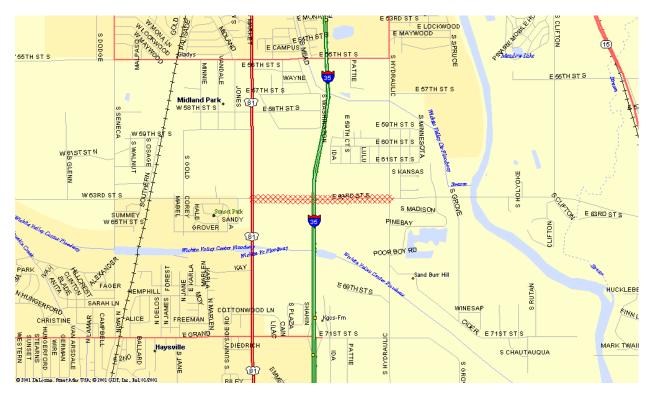
a) None

5. Additional Data:

Traffic Volume: Street Function:

Commuter, School Bus Route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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 135<sup>th</sup> 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: 135<sup>th</sup> 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

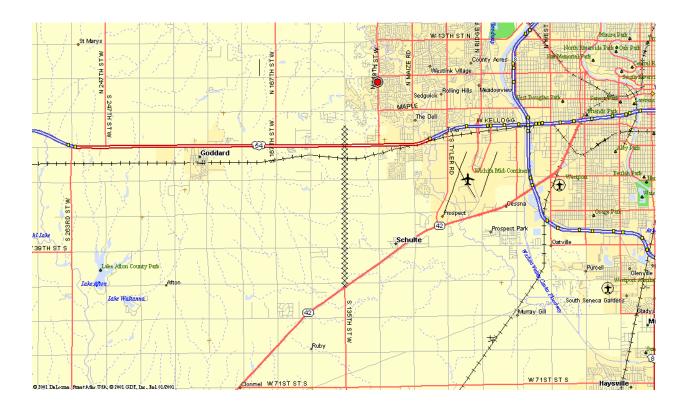
3. Justification:

a) Traffic is increasing on this section of 135<sup>th</sup> which connects west Wichita with US-54, K-42 and Clearwater.
4. Impact on Operating Budget:

- a) None
- 5. Additional Data:

Traffic Volume: Street Function: 2,756, unknown, unknown, unknown, 392 Commuter, School Bus Route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST			200,000				200,000
Right of Way	LST				200,000			200,000
Utility Relocation	LST				200,000			200,000
Construction	LST					946,000		946,000
Construction	KDOT					2,214,000		2,214,000
Total		0	0	200,000	400,000	3,160,000	0	3,760,000



Widen Maize Road from 45th St. N. to 53rd St. N. (807-J) **CIP PROJECT** R304

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

**Project Description** 

1. Location: Maize Road from 45th St. N. to 53rd St. N. (807-J)

# 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 53<sup>rd</sup> St. North.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:

Traffic Volume:

7,778 Street Function:

Commuter, School Bus Route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	231,350						231,350
Design	Maize	231,350						231,350
Right of Way	Maize				122,500			122,500
Utility Relocation	Maize				183,750			183,750
Construction	LST					279,575		279,575
Construction	Maize					279,575		279,575
Construction	KDOT					5,986,602		5,986,602
Total		462,700	0	0	306,250	6,545,752	0	7,314,702



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 subgrades 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:

Street Function:

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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	1,000,000	6,100,000	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** 

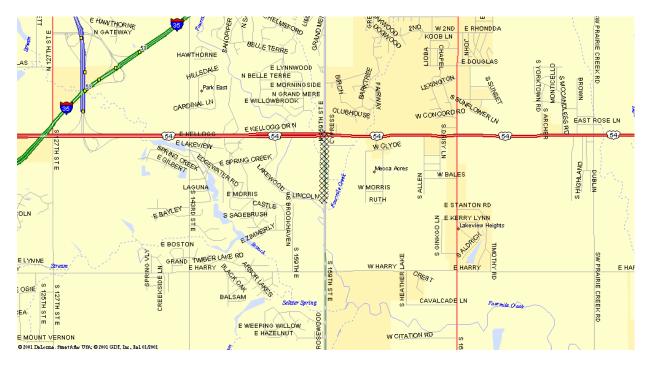
- 1. Location: Pave 159<sup>th</sup> St. East from US-54 to Lincoln (841-N½Q)
- 2. Work to be Performed:
  - a) Construct pavement and drainage improvements.
- 3. Justification:
  - a) Sedgwick County and Andover recognize that permanent improvements are needed to serve the properties in the area. The project is located on the County line.

Unknown

- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:
- Traffic Volume: Street Function:

Commuter, School Bus Route, commercial traffic

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST		50,000					50,000
Design	Andover		50,000					50,000
Right of Way	LST				100,000			100,000
Right of Way	Andover				100,000			100,000
Utility Relocation	LST				21,000			21,000
Utility Relocation	Andover				21,000			21,000
Construction	LST					49,500		49,500
Construction	Andover					49,500		49,500
Construction	KDOT					398,000		398,000
Total		0	100,000	0	242,000	497,000	0	839,000



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 159<sup>th</sup> St. East from US-54 to 21<sup>st</sup> 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 159<sup>th</sup> 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.

Unknown

- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:

Traffic Volume: Street Function:

Commuter, School Bus Route

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST		250,000					250,000
Design	Andover		250,000					250,000
Right of Way	LST				170,000			170,000
Right of Way	Andover				170,000			170,000
Utility Relocation	LST				24,000			24,000
Utility Relocation	Andover				24,000			24,000
Construction	LST					366,500		366,500
Construction	Andover					366,500		366,500
Construction	KDOT					2,928,000		2,928,000
Total		0	500,000	0	388,000	3,661,000	0	4,549,000



Sedgwick County 2007-2011 CIP

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** 

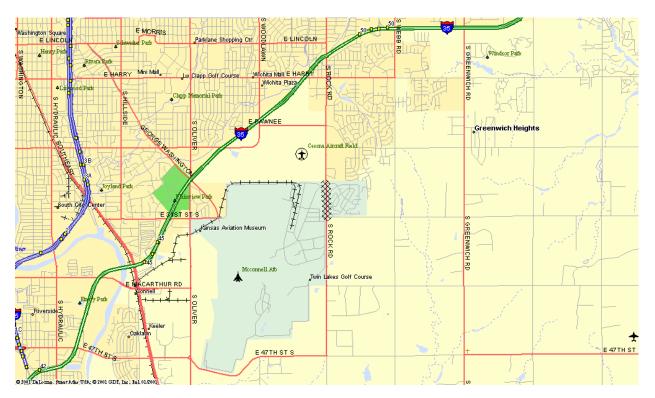
- 1. Location: Rock Road from McConnell Gate to 31<sup>st</sup> St. South
- 2. Work to be Performed:
  - a) Construct storm sewer and regrade shoulder.
- 3. Justification:
  - a) The area along the edge of the road is eroding and is difficult to maintain.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:
- Traffic Volume: Street Function:

Commuter, School Bus Route

6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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	440,000	0	440,000

22,145



CIP PROJECT R312 Corridor Improvements on 47th St. S. from Broadway to KTA

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

**Project Description** 

- 1. Location: 47<sup>th</sup> St. S. from Broadway to the Kansas Turnpike
- 2. Work to be Performed:
  - a) Widening, auxiliary lanes, ramps, signalization.
- 3. Justification:
  - a)
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data: Traffic Volume:

Street Function:

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Construction	LST					1,500,000		1,500,000
Construction	COW					1,500,000		1,500,000
Construction	KDOT					12,000,000		12,000,000
Total		0	0	0	0	15,000,000	0	15,000,000



CIP PROJECT R313 Intersection Improvements at US-54 and 135<sup>th</sup> St. W.

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

Project Description

- 1. Location: US-54 and 135<sup>th</sup> St. W.
- 2. Work to be Performed:
  - a) Signalization, turn bays, realign intersection with frontage road
- 3. Justification:
  - a) Increasing traffic has resulted in difficult turning movements and traffic backups.
- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data: Traffic Volume:

Street Function:

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Right of Way	LST		50,000					50,000
Construction	LST		150,000					150,000
Construction	COW		150,000					150,000
Construction	KDOT		300,000					300,000
Total		0	600,000	0	0	0	0	600,000



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:** 71<sup>st</sup> St. South between 295<sup>th</sup> St. West and 311<sup>th</sup> 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:	15/2

15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	184,000						184,000
Construction	LST		578,000					578,000
Construction	KDOT		2,312,000					2,312,000
Total		184,000	2,890,000	0	0	0	0	3,074,000



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

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

Project Description

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

2. Work to be Performed:

a) Replacement

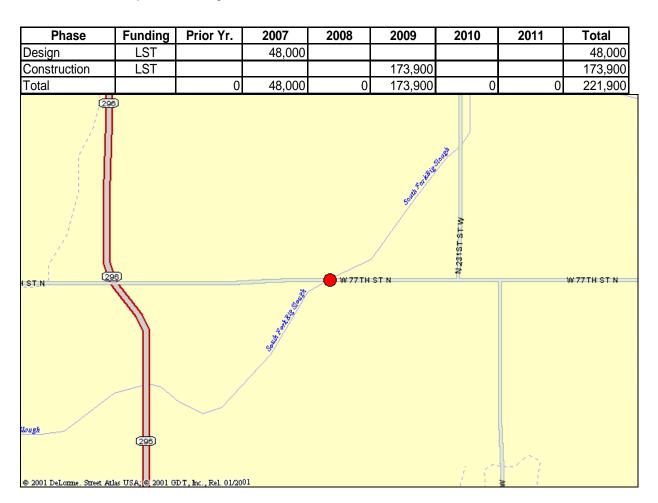
3. Justification:

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



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

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

Project Description

1. Location: 375<sup>th</sup> St. West between 55<sup>th</sup> St. South and 63<sup>rd</sup> 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."

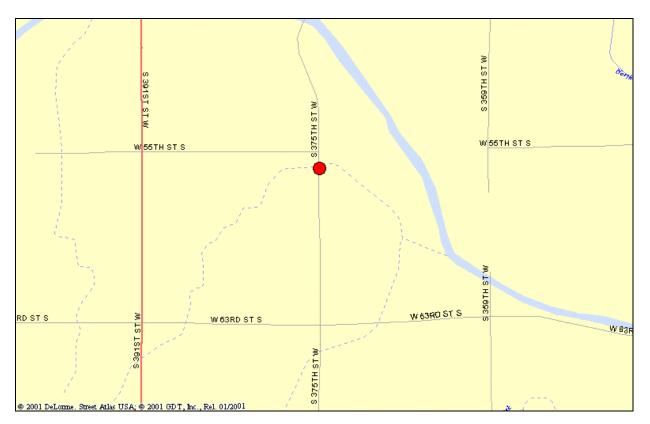
28.9

- 4. Impact on Operating Budget:
  - a) None
- 5. Additional Data:
- Sufficiency Rating:

Load Limit:

10/15/24 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	In House						0
Construction	LST		200,000					200,000
Total		0	200,000	0	0	0	0	200,000



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

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

Project Description

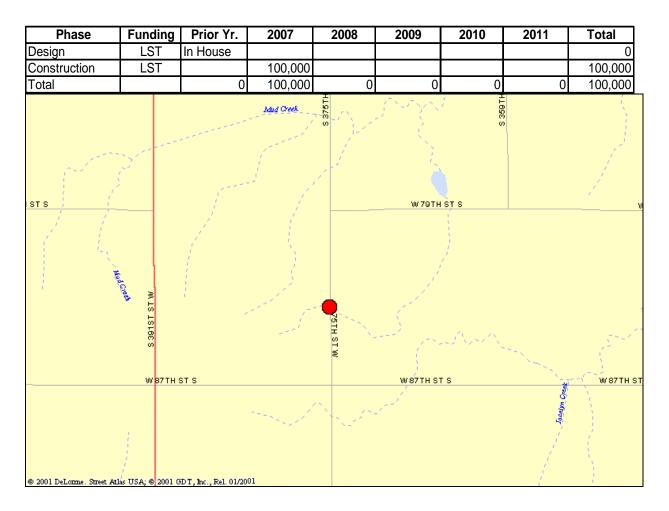
- 1. Location: 375<sup>th</sup> St. West between 79<sup>th</sup> St. South and 87<sup>th</sup> St. South (773-Z-2340)
- 2. Work to be Performed:
  - a) Widening
- 3. Justification:
  - a) The culvert is narrow relative to the approach roadway.

Load Limit:

- 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:

(Culvert)

N/A



CIP PROJECT	B403	Widening of Bridge on 375th St. West between 87th St. South and 95th St. South
		(773-AA-3380)

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

Project Description

1. Location: 375<sup>th</sup> St. West between 87<sup>th</sup> St. South and 95<sup>th</sup> St. South (773-AA-3380)

2. Work to be Performed:

a) Widening

3. Justification:

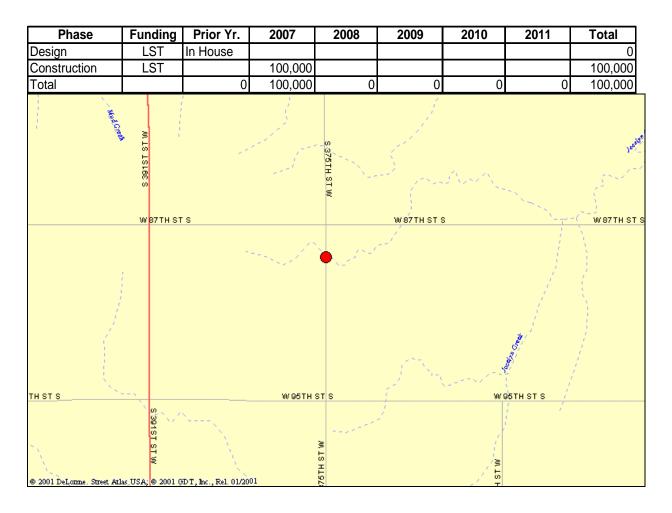
a) The culvert is narrow relative to the approach roadway.

Load Limit:

- 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:

(Culvert)

N/A



CIP PROJECT	B404	Widening of Bridge on 375th St. West between 87th St. South and 95th St. South
		(773-AA-4340)

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

**Project Description** 

1. Location: 375<sup>th</sup> St. West between 87<sup>th</sup> St. South and 95<sup>th</sup> St. South (773-AA-4340)

2. Work to be Performed:

a) Widening

3. Justification:

a) The culvert is narrow relative to the approach roadway.

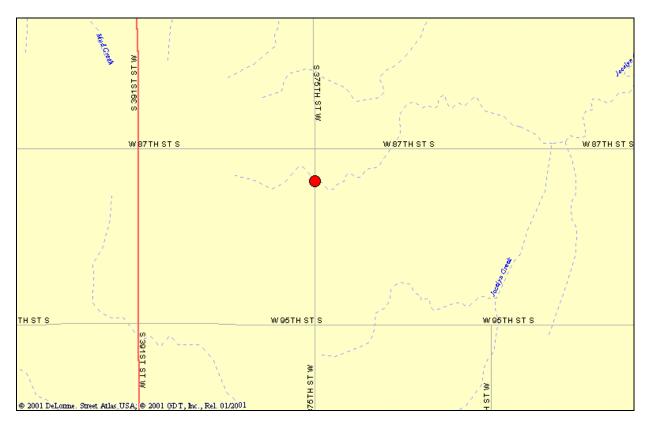
Load Limit:

- 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:

(Culvert)

N/A

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	In House						0
Construction	LST		100,000					100,000
Total		0	100,000	0	0	0	0	100,000



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

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

**Project Description** 

1. Location: 39<sup>th</sup> St. South between 263<sup>rd</sup> St. West and 279<sup>th</sup> 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:	
Load Limit:	

43.1 12/18/29 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	41,000						41,000
Construction	LST		650,000					650,000
Total		41,000	650,000	0	0	0	0	691,000



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

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

Project Description

1. Location: 15<sup>th</sup> St. South between 295<sup>th</sup> St. West and 311<sup>th</sup> 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:	
Load Limit:	

56.7 15/23/36 Tons

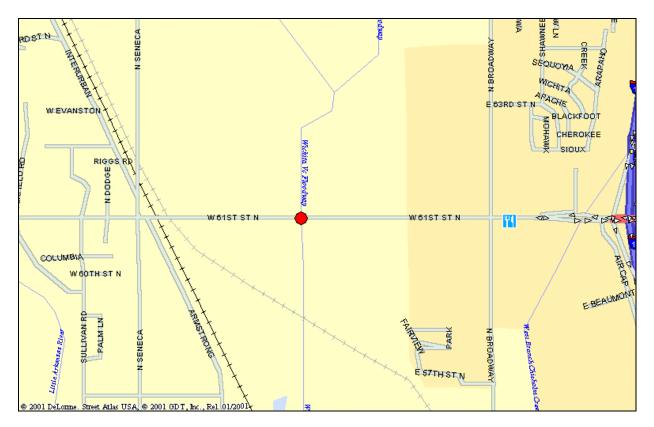


- CIP PROJECT B427 Bridge Replacement on 61<sup>st</sup> St. North between Broadway and Seneca (604-26-2515)
- Requestor: David C. Spears, Director of Public Works/County Engineer

- **1. Location:** Bridge Replacement on 61<sup>st</sup> St. North between Broadway and Seneca (604-26-2515)
- 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: Load Limit: 56.1 6/10/12 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	75,000						75,000
Construction	Bond		1,000,000					1,000,000
Total		75,000	1,000,000	0	0	0	0	1,075,000



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** 

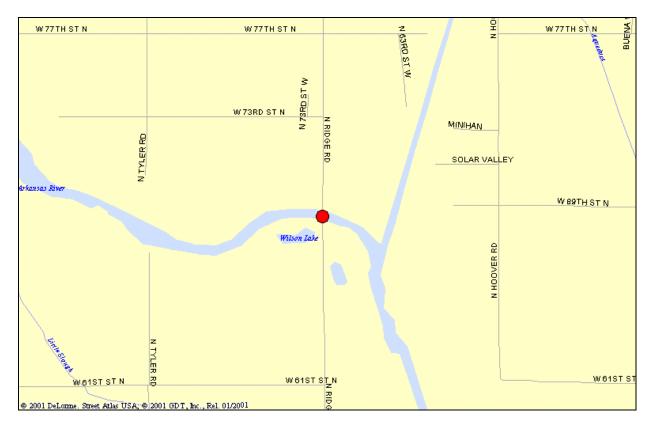
1. Location: Ridge Road between 61<sup>st</sup> St. North and 69<sup>th</sup> St. North (811-H-5236)

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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	In House						0
Construction	Bond		500,000					500,000
Construction	LST		200,000					200,000
Total		0	700,000	0	0	0	0	700,000



CIP PROJECT B429 Bridge Rehabilitation on 151<sup>st</sup> St. West between 85<sup>th</sup> St. North and 93<sup>rd</sup> St. North (801-E-1300)

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

**Project Description** 

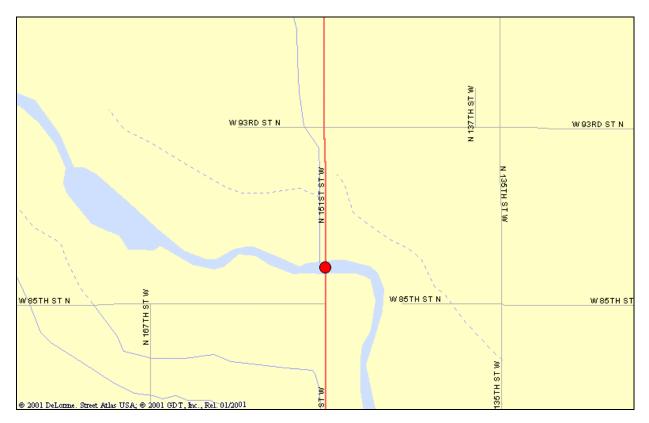
1. Location: 151<sup>st</sup> St. West between 85<sup>th</sup> St. North and 93<sup>rd</sup> St. North (801-E-1300)

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:	61.6
	Load Limit:	Open

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	In House						0
Construction	LST		700,000					700,000
Total		0	700,000	0	0	0	0	700,000



- CIP PROJECT B393 Deck Rehabilitation & Guard Fences at Various Locations
- Requestor: David C. Spears, Director of Public Works/County Engineer

- 1. Location: Va
  - Various locations including 787-Z-1710, 801-DD-5280, 733-V-4335, 628-4-4625, 785-B-4588, 492-22-448, 823-X-1870 and 636-7-1973
- 2. Work to be Performed:
  - a) Replace guard fences
- 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) The guard fence at these locations is substandard and required replacement. New fences will provide motorists with protection from fixed objects as outlined in federal guidelines.
- 4. Impact on Operating Budget:
  - a) None

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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST							0
Construction	LST						2,800,000	2,800,000
Total		0	0	0	0	0	2,800,000	2,800,000



CIP PROJECT B363 Bridge Replacement on 15<sup>th</sup> St. South between 327<sup>th</sup> St. West and 343<sup>rd</sup> St. West (622-5-2376)

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

**Project Description** 

1. Location: 15<sup>th</sup> St. South between 327<sup>th</sup> St. West and 343<sup>rd</sup> St. West (622-5-2376)

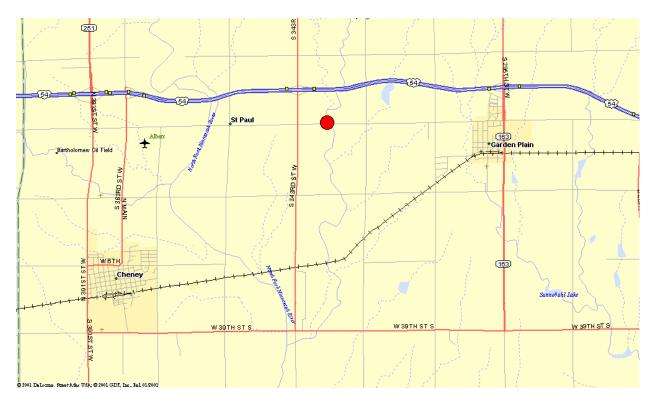
## 2. Work to be Performed:

- a) Bridge 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:
	Load Limit:

48.8 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	25,000						25,000
Construction	LST			250,000				250,000
Total		25,000	0	250,000	0	0	0	275,000



- CIP PROJECT B413 Bridge Replacement on 135<sup>th</sup> St. West between 23<sup>rd</sup> St. South and 31<sup>st</sup> St. South (803-S-942)
- Requestor: David C. Spears, Director of Public Works/County Engineer

- **1. Location** 135<sup>th</sup> St. West between 23<sup>rd</sup> St. South and 31<sup>st</sup> 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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	22,500						22,500
Construction	LST			250,000				250,000
Total		22,500	0	250,000	0	0	0	272,500



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

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

**Project Description** 

**1. Location** 23<sup>rd</sup> St. South between 151<sup>st</sup> St. West and 167<sup>th</sup> 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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	15,000						15,000
Construction	LST			175,000				175,000
Total		15,000	0	175,000	0	0	0	190,000



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

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

**Project Description** 

**1. Location** 23<sup>rd</sup> St. South between 151<sup>st</sup> St. West and 167<sup>th</sup> 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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	15,000						15,000
Construction	LST			175,000				175,000
Total		15,000	0	175,000	0	0	0	190,000



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

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

**Project Description** 

**1. Location** 199<sup>th</sup> St. West between 47<sup>th</sup> St. South and 55<sup>th</sup> St. South (795-V-3802)

2. Work to be Performed:

a) Replacement

3. Justification

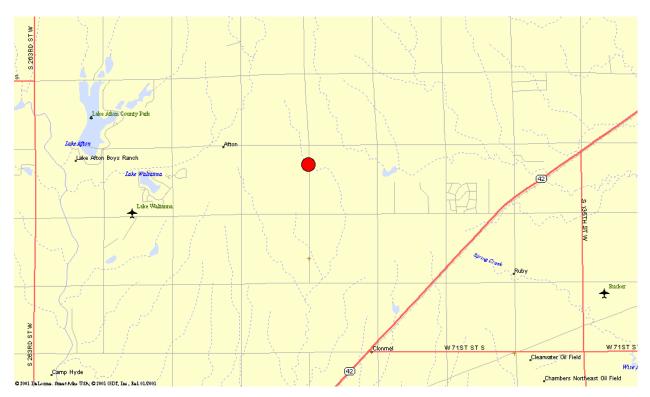
a) This project meets the second goal of the Highway Department to "improve and maintain the county highway system through an aggressive CIP that reflects the needs of the community."

4. Impact on Operating Budget:

a) None

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

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	15,000						15,000
Construction	LST			150,000				150,000
Total		15,000	0	150,000	0	0	0	165,000



CIP PROJECT B431 Bridge Replacement on Central between 375<sup>th</sup> St. West and 391<sup>st</sup> St. West (618-2-4100)

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

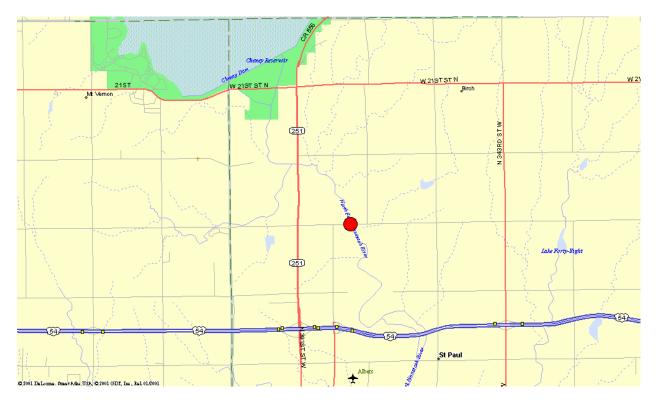
**Project Description** 

- 1. Location Central between 375<sup>th</sup> St. West and 391<sup>st</sup> 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:
	Load Limit:

35.0 6/10/12 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	163,000						163,000
Construction	LST		304,000					304,000
Construction	KDOT		1,200,000					1,200,000
Total		163,000	1,504,000	0	0	0	0	1,667,000



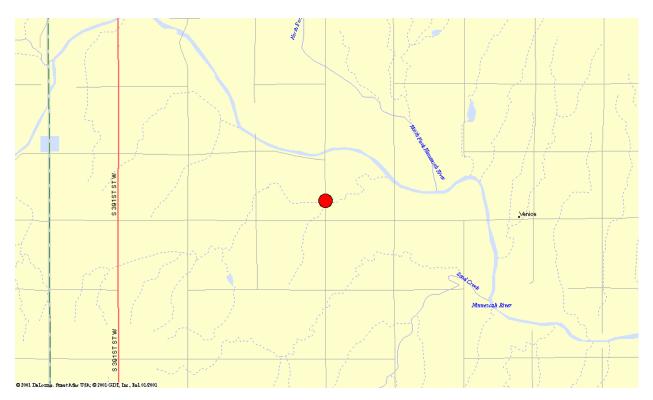
- **CIP PROJECT** Bridge Replacement on 343<sup>rd</sup> St. West between 63<sup>rd</sup> St. South and 71<sup>st</sup> St. South B434 (777-X-1640)
- David C. Spears, Director of Public Works/County Engineer **Requestor:**

- Bridge Replacement on 343<sup>rd</sup> St. West between 63<sup>rd</sup> St. South and 71<sup>st</sup> St. South (777-X-1640) 1. Location
- 2. Work to be Performed:
  - a) Replacement
- 3. Justification
  - This project meets the second goal of the Highway Department to "improve and maintain the county a) 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

- Open
- 6. Cost Estimate/Proposed Funding

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST	20,000						20,000
Construction	LST			200,000				200,000
Total		20,000	0	200,000	0	0	0	220,000



CIP PROJECT B435 Bridge Replacement on 295<sup>th</sup> St. West between 23<sup>rd</sup> St. South and 31<sup>st</sup> St. South (783-S-1530)

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

**Project Description** 

1. Location 295<sup>th</sup> St. West between 23<sup>rd</sup> St. South and 31<sup>st</sup> St. South (783-S-1530)

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:

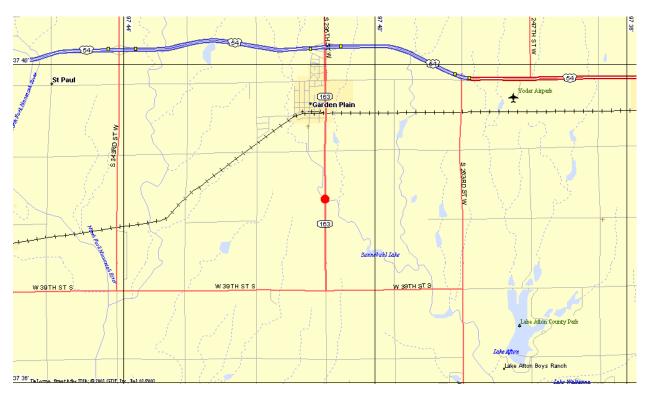
a) None

5. Additional Data:

Sufficiency Rating:	
Load Limit:	

76.3 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST		60,000					60,000
Construction	LST				450,000			450,000
Total		0	60,000	0	450,000	0	0	510,000



CIP PROJECT B436 Bridge Replacement on 167<sup>th</sup> St. West between 37<sup>th</sup> St. North and 45<sup>th</sup> St. North (799-K-3993)

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

**Project Description** 

1. Location 167<sup>th</sup> St. West between 37<sup>th</sup> St. North and 45<sup>th</sup> St. North (799-K-3993)

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:	
Load Limit:	

62.4 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST		50,000					50,000
Construction	LST				300,000			300,000
Total		0	50,000	0	300,000	0	0	350,000



- CIP PROJECT B437 Bridge Replacement on 71st St. South between 359th St. West and 375th St. West (636-3-4580)
- Requestor: David C. Spears, Director of Public Works/County Engineer

- 1. Location 71<sup>st</sup> St. South between 359<sup>th</sup> St. West and 375<sup>th</sup> St. West (636-3-4580)
- 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:

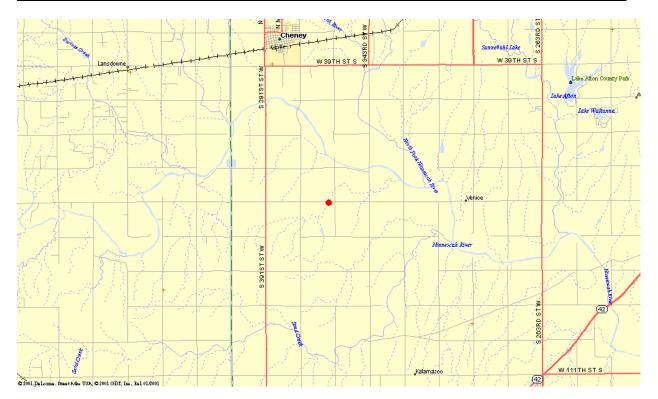
a) None

5. Additional Data:

Sufficiency Rating: Load Limit:

77.5 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST			40,000				40,000
Construction	Bond					250,000		250,000
Total		0	0	40,000	0	250,000	0	290,000



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

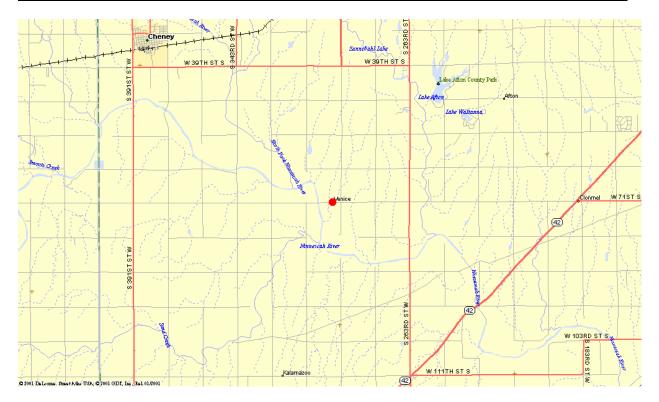
Requestor: David C. Spears, Director of Public Works/County Engineer

**Project Description** 

- 1. Location 71<sup>st</sup> St. South between 295<sup>th</sup> St. West and 311<sup>th</sup> 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: Load Limit: 66.5 15/23/36 Tons

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



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

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

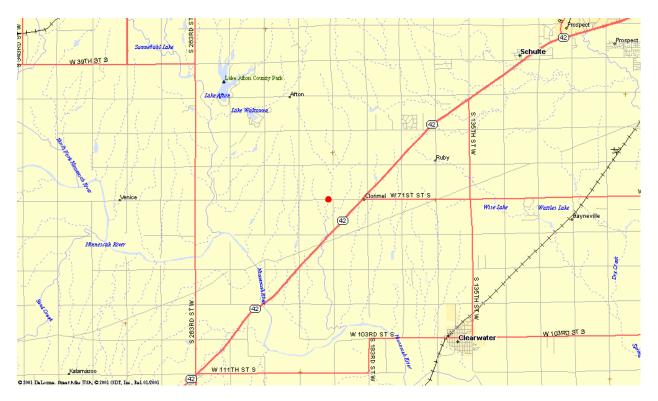
**Project Description** 

- **1. Location** 71<sup>st</sup> St. South between 199<sup>th</sup> St. West and 215<sup>th</sup> 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: Load Limit:

67.4 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST			40,000				40,000
Construction	Bond					250,000		250,000
Total		0	0	40,000	0	250,000	0	290,000



CIP PROJECT B440 Bridge Replacement on 71<sup>st</sup> St. South between 71<sup>st</sup> St. West and 87<sup>th</sup> St. West (636-21-1132)

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

**Project Description** 

**1. Location** 71<sup>st</sup> St. South between 71<sup>st</sup> St. West and 87<sup>th</sup> St. West (636-21-1132)

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: Load Limit: 72.6 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST			40,000				40,000
Construction	Bond					250,000		250,000
Total		0	0	40,000	0	250,000	0	290,000



- CIP PROJECT B441 Bridge Replacement on 71<sup>st</sup> St. South between 39<sup>th</sup> St. West and 55<sup>th</sup> St. West (636-23-910)
- Requestor: David C. Spears, Director of Public Works/County Engineer

- 1. Location 71<sup>st</sup> St. South between 39<sup>th</sup> St. West and 55<sup>th</sup> 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: Load Limit:

71.9 15/23/36 Tons

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	Total
Design	LST			40,000				40,000
Construction	LST					250,000		250,000
Total		0	0	40,000	0	250,000	0	290,000

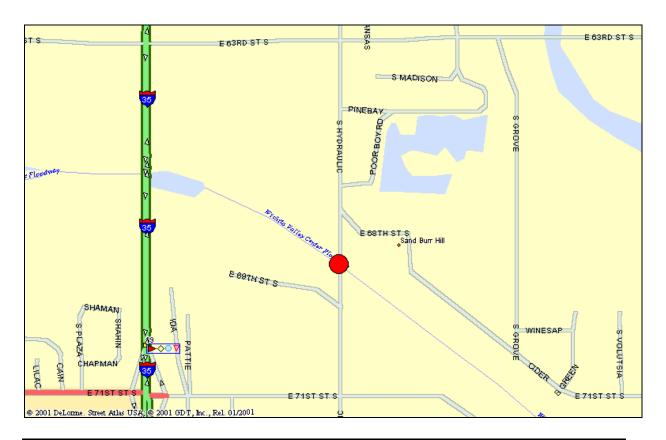


- CIP PROJECT B442 Bridge Replacement on Hydraulic between 63<sup>rd</sup> St. South and 71<sup>st</sup> St. South (823-X-1870)
- Requestor: David C. Spears, Director of Public Works/County Engineer

- **1. Location:** Hydraulic between 63<sup>rd</sup> St. South and 71<sup>st</sup> 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: Load Limit:

76.9 Open

Phase	Funding	Prior Yr.	2007	2008	2009	2010	2011	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	500,000	0	8,400,000	0	0	8,900,000



CIP PROJECT B443 Erosion Repair for Bridge on 151<sup>st</sup> St. W. over Ninnescah (801-CC-5280)

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

**Project Description** 

1. Location: 151<sup>st</sup> St. West between 103<sup>rd</sup> St. South and 119<sup>th</sup> St. South

2. Work to be Performed:

a) Protect bridge abutment with erosion repair

3. Justification:

- a) This bridge provides one of the crossings of the Ninnescah. The bridge is functional but bank erosion threatens the structure.
- 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:

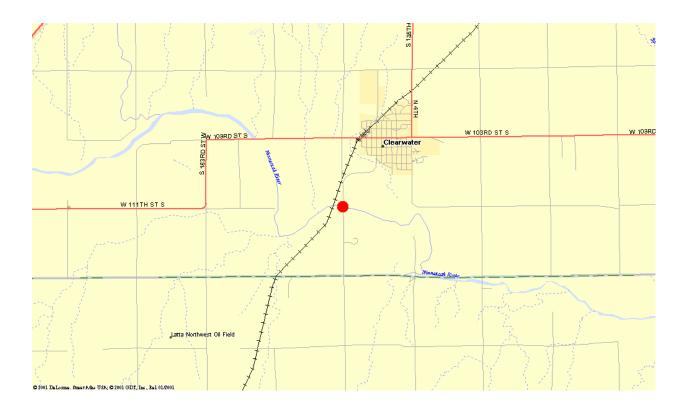
a) None

5. Additional Data: Sufficiency Rating: 76.9

Load Limit:

Open

Phase	Funding	2007	2008	2009	2010	2011	Total
Design	LST						0
Construction	Bond			1,000,000			1,000,000
Total		0	0	1,000,000	0	0	1,000,000



CIP PROJECT B444 Bridge Replacement on 143<sup>rd</sup> St. E. over Kansas Turnpike

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

Project Description

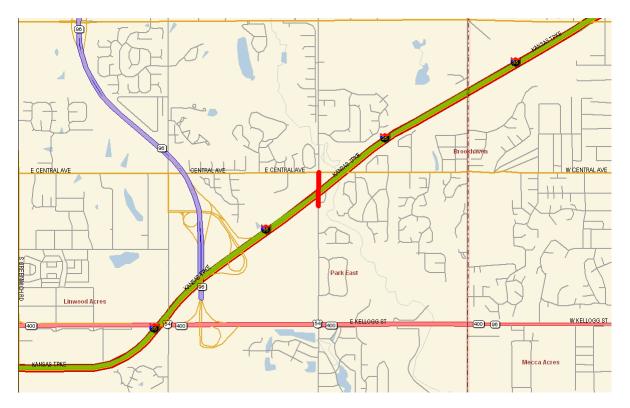
- 1. Location: 143<sup>rd</sup> St. E. over Kansas Turnpike
- 2. Work to be Performed:
  - a) Replace existing 2 lane bridge with 5 lane bridge

3. Justification:

- a) This bridge provides an arterial crossing over the Turnpike in an urbanizing area. The existing structure is in poor condition.
- 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:

Load Limit:

Phase	Funding	2007	2008	2009	2010	2011	Total
Design	LST						0
Construction	LST		300,000				300,000
Construction	KTA		300,000				300,000
Construction	KDOT		2,400,000				2,400,000
Total		0	3,000,000	0	0	0	3,000,000



- CIP PROJECT B445 Deck Repair on Bridge on 53<sup>rd</sup> St. N. between Broadway and Arkansas
- Requestor: David C. Spears, Director of Public Works/County Engineer

- 1. Location: 53<sup>rd</sup> St. N. between Broadway and Arkansas
- 2. Work to be Performed:
  - a) Repair deck
- 3. Justification:
  - a) This bridge provides one of the crossings of the Chisholm Creek.
  - 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:

Load Limit:

Phase	Funding	2007	2008	2009	2010	2011	Total
Design	In House						0
Construction	LST	200,000					200,000
Total		200,000	0	0	0	0	200,000

