



# **City of Grand Island**

**Tuesday, February 13, 2007**

**Council Session**

## **Item E2**

### **Public Hearing on the One and Six Year Street Improvement Program**

**Staff Contact: Steven P. Riehle, Public Works Director**

# **Council Agenda Memo**

**From:** Steven P. Riehle, Public Works Director

**Meeting:** February 13, 2007

**Subject:** Approving One & Six Year Street Improvement Program

**Item #'s:** E-2 & I-1

**Presenter(s):** Steven P. Riehle, Public Works Director

## **Background**

Adoption of a One and Six Year Street Improvement Program is required by State law as part of the requirements to receive approximately three million dollars of state gas tax funds each year. The Public Works department goes through a process to prioritize street projects taking into consideration many factors such as:

- Availability of funds
- Condition of the street
- Traffic counts
- Eligibility for state/federal funds
- Redevelopment patterns
- Public/council input

## **Discussion**

The City engages in a public process to assure input into the policy making process. Following are steps which have gone into bringing about the proposed One and Six Year Street Improvement program:

- Tuesday, January 23, 2007 - City Council referred Plan to Regional Planning Commission.
- Wednesday, February 7, 2007 - Regional Planning Commission conducted a Public Hearing and forwarded the recommendation to the City Council.
- Tuesday, February 13, 2007 - City Council hears presentation from staff, conducts Public Hearing and passes a Resolution adopting the Plan.

There are no changes to the original plan as published for the January 23, 2007 meeting and as presented to the Regional Planning Commission. Attached is staff's recommended One and Six Year Street Improvement Program.

### **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve the One and Six Year Street Improvement Program.
2. Refer the issue to a Committee.
3. Postpone the issue to future date.
4. Take no action on the issue.

### **Recommendation**

City Administration recommends that the Council conduct a public hearing and approve the One and Six Year Street Improvement Program.

### **Sample Motion**

Motion to approve the One and Six Year Street Improvement Program.

2007 CONSTRUCTION SEASON							
				(All Costs in \$1,000's)			
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Impr. Fund	
<b>Street Construction</b>							
M310- 475	2007 Paving Petition Program	\$200			\$200		
M310- 500	Widen Capital Avenue - Moores Creek Drainway to Webb Road - Construction	\$4,500		\$3,375		\$1,125	
M310- 351	Hwy 30 - Grant to Greenwich - NDOR Project (FY 2007)	\$3,749	\$2,999	\$750			
M310- 508	Wasmer Cell Construction	\$315				\$315	
M310- 537	Realign Walnut Middle School entrance with 15th St. & install traffic signal	\$232	\$232				
M310- 407	S. Locust - HWY 34 to I-80 - Additional Landscaping	\$60	\$48			\$12	
<b>Street Resurfacing</b>							
M310- 476	Annual Resurfacing Program (2007)	\$450				\$450	
<b>Drainage &amp; Flood Control</b>							
M310- 461	Moores, Prairie, & Silver Creek Flood Control for Northwest Grand Island - Construction	\$780	\$530			\$250	
M310- 512	Detention Cell/Ditch Restoration	\$50				\$50	
<b>Other</b>							
M310- 389	Hike/Bike Trail Const. along Floodway - Hall County Park to S. Locust	\$435	\$348			\$87	
M310- 385	Geographic Information System (Continued Development & Maintenance)	\$25				\$25	
M310- 513	Misc. Safety Enhancements	\$50				\$50	
<b>TOTALS:</b>							
		\$10,846	\$4,157	\$4,125	\$200	\$2,364	

2008 Construction Season						
(All costs in \$1,000s)						
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Impr. Fund
<b>Street Construction</b>						
M310- 409	S. Locust Grading and Median Drains for New Lanes	\$720		\$576		\$144
M310- 341	S. Locust I-80 to Floodway, Surfacing New Lanes	\$2,750		\$2,200		\$550
M310- 490	Annual Paving Petition Program (2008)	\$600			\$600	
M310-	Traffic Signal @ Rea Road/HWY 281	\$135				\$135
M310- 353	Faidley Ave. - Moores Creek Ditch to North Rd.	\$1,250			\$1,250	
M310- 538	Round-a-bout - Capital Ave/North Rd Intersection	\$360				\$360
M310- 267	Two Bridge Replacements - Blaine @ Wood River (Engineering Design)	\$45				\$45
M310- 458	Traffic Signal - HWY 281/Wildwood Dr.	\$170	\$85			\$85
<b>Street Resurfacing</b>						
M310- 491	Annual Resurfacing Program (2008)	\$500				\$500
<b>Drainage &amp; Flood Control</b>						
M310- 493	Concrete Lining of Drainage Ditches(2008) Moores,Prairie, & Silver Creek Flood Control - Construction for Northwest Grand Island	\$50				\$50
M310- 461	Detention Cell/Ditch Restoration	\$780	\$420			\$360
M310- 514	PVIP Cells & Drainage	\$50				\$50
M310- 485	Independence Avenue	\$127				\$127
M310- 507	Drainage(Design/ROW)	\$80				\$80
M310- 382	Moores Creek Drainage - along North Road from Rogers Well to S. of Old Potash HWY	\$209				\$209
<b>Other</b>						
M310- 414	Hike/Bike Trail Construction, S. Locust to Morman Island. (Parallel to I-80)	\$600	\$600			
M310- 385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310- 515	Misc. Safety Enhancements	\$150				\$150
M310- 408	Hike/Bike Bridge Superstructure over two Platte River Channels	\$390	\$312			\$78
M310- 431	Hike/Bike Trail Construction, S. Locust - Floodway to I-80	\$600	\$480			\$120
<b>TOTALS</b>		<b>\$9,591</b>	<b>\$1,897</b>	<b>\$2,776</b>	<b>\$1,850</b>	<b>\$3,068</b>

2009 Construction Season						
(All costs in \$1,000s)						
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Impr. Fund
<b>Street Construction</b>						
M310- 501	Annual Paving Petition Program (2009)	\$750			\$750	
M310- 540	Intersection Improvements @ 13th & North Road	\$300				\$300
M310- 528	State St/Diers Ave - Intersection Improvements	\$390				\$390
M310- 535	Realign Barr Mid. School entrance with Riverside Dr & signal @ Stolley/Adams	\$360	\$306			\$54
M310- 536	Traffic Signal - Locust St./Fonner Park Heartland Event Center Center Entrance	\$150				\$150
M310- 487A	Stolley Park Rd widening, Locust to Fonner Park Ent. (Eng Design & ROW)	\$150			\$150	
M310- 539	3rd Street Widening - Adams to Eddy St.	\$90				\$90
M310- 267	Two Bridge Replacements - Blaine @ Wood River (Construction)	\$250	\$120			\$130
<b>Street Resurfacing</b>						
M310- 503	Annual Resurfacing Program (2009)	\$500				\$500
<b>Drainage &amp; Flood Control</b>						
M310- 505	Concrete Lining of Drainage Ditches(2009) Moores,Prairie, & Silver Creek Flood Control - Construction	\$50				\$50
M310- 461	Detention Cell/Ditch Restoration	\$780	\$420			\$360
M310- 516	PVIP Cells & Drainage	\$50				\$50
M310- 485	Construct Drainway from CCC area to Wood River	\$272				\$272
M310- 459	Moores Creek Drainage - along North Road from Old Potash HWY to Edna Dr.	\$425				\$425
M310- 511	Independence Ave. Drainage	\$150				\$150
M310- 507	(Construction)	\$350				\$350
<b>Other</b>						
M310- 497	Illuminating Lighting - HWY 281, Stolley to Old Potash	\$250				\$250
M310- 385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310- 518	Misc. Safety Enhancements	\$150				\$150
M310- 447	Hike/Bike Trail Construction - State St. to Veterans Home	\$600	\$480			\$120
<b>TOTALS</b>		<b>\$6,042</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$900</b>	<b>\$3,816</b>

		<b>2010 Construction Season</b>					
			(All costs in \$1,000s)				
	<b>No.</b>	<b>Project Description</b>	<b>Total Project</b>	<b>State Federal Other</b>	<b>City STP</b>	<b>City G.O. Bond</b>	<b>City Cap. Impr. Fund</b>
<b>Street Construction</b>							
M310-	519	Annual Paving Petition Program (2010)	\$750			\$750	
M310-	533	Husker Highway Widening - from 1/4 Mi. west of HWY 281 easterly to Highway 281	\$1,200		\$900		\$300
M310-	480	Independence Avenue Paving - Shanna St. to Manchester Ave.	\$1,050			\$1,050	
M310-	334	Widen Eddy Street Underpass to 5-lanes on south end	\$175				\$175
M310-	487	Stolley Park Rd widening, Locust to Fonner Park Entrance (Construction)	\$1,200			\$1,200	
<b>Street Resurfacing</b>							
M310-	522	Annual Resurfacing Program (2010)	\$500				\$500
<b>Drainage &amp; Flood Control</b>							
M310-	523	Annual Major Drainage Development (2010)	\$500				\$500
M310-	524	Concrete Lining of Drainage Ditches(2010)	\$50				\$50
M310-	461	Moore's, Prairie, & Silver Creek Flood Control - Construction	\$780	\$420			\$360
M310-	525	Detention Cell/Ditch Restoration	\$50				\$50
<b>Other</b>							
M310-	385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310-	527	Misc. Safety Enhancements	\$150				\$150
M310-	517	Hike/Bike Trail Const. - Veterans Home to Eagle Scout Park	\$600	\$480			\$120
<b>TOTALS:</b>			<b>\$7,030</b>	<b>\$900</b>	<b>\$900</b>	<b>\$3,000</b>	<b>\$2,230</b>

2011 Construction Season						
			(All costs in \$1,000s)			
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Impr. Fund
<b>Street Construction</b>						
M310- 541	Annual Paving Petition Program (2011)	\$750			\$750	
M310- 89	Capital Ave - Webb to Broadwell Ave	\$1,000			\$1,000	
M310- 498	S. Locust - Illumination Lighting S. City Limits to I-80	\$1,000				\$1,000
M310- 521	Swift Road - WWTP to Shady Bend Rd	\$450				\$450
M310- 352	Hwy 30 - Hwy 281 to west City Limits - NDOR Project	\$9,449	\$7,559		\$1,890	
<b>Street Resurfacing</b>						
M310- 542	Annual Resurfacing Program (2011)	\$500				\$500
<b>Drainage &amp; Flood Control</b>						
M310- 543	Annual Major Drainage Development (2011)	\$500				\$500
M310- 544	Concrete Lining of Drainage Ditches(2011)	\$50				\$50
M310- 461	Moore's, Prairie, & Silver Creek Flood Control - Construction	\$780	\$420			\$360
M310- 525	Detention Cell/Ditch Restoration	\$50				\$50
<b>Other</b>						
M310- 385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310- 416	BLDG Improvements at West Yard	\$375				\$375
M310- 526	Hike/Bike Trail Const. along Floodway - S. Locust to Platte River	\$600	\$480			\$120
M310- 527	Misc. Safety Enhancements	\$150				\$150
<b>TOTALS</b>		<b>\$15,679</b>	<b>\$8,459</b>	<b>\$0</b>	<b>\$3,640</b>	<b>\$3,580</b>



2012 and After Construction						
			(All costs in \$1,000s)			
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Impr. Fund
<b>Street Construction</b>						
M310-	Annual Paving Petition Program (2012)	\$750			\$750	
M310- 520	Capital Ave - Broadwell to St. Paul Road	\$1,000			\$1,000	
M310- 499	Grade Separation Broadwell @ UPRR	\$12,000	\$600		\$11,400	
M310- 502	East Bypass Grade Separation @ UPRR	\$16,000	\$800		\$15,200	
M310- 411	Hwy 34 - Locust to Hwy 281 - NDOR Project	\$6,679	\$5,343		\$1,336	
<b>Street Resurfacing</b>						
M310-	Annual Resurfacing Program (2012)	\$500				\$500
<b>Drainage &amp; Flood Control</b>						
M310-	Annual Major Drainage Development (2012)	\$500				\$500
M310-	Concrete Lining of Drainage Ditches(2012)	\$50				\$50
M310- 461	Moore's, Prairie, & Silver Creek Flood Control - Construction (Due remainder of Project)	\$4,680	\$2,520			\$2,160
M310- 525	Detention Cell/Ditch Restoration	\$50				\$50
<b>Other</b>						
M310- 385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310- 416	BLDG Improvements at West Yard	\$375				\$375
M310- 527	Misc. Safety Enhancements	\$150				\$150
<b>TOTALS</b>		<b>\$42,759</b>	<b>\$9,263</b>	<b>\$0</b>	<b>\$29,686</b>	<b>\$3,810</b>

# 2007 Construction Season

Northwest Grand Island  
Moore's, Prairie  
& Silver Creek  
Flood Control Construction

Annual Paving Petition Program  
Annual Asphalt Resurfacing Program  
Detention Cell & Ditch Restoration  
GIS Continued Maintenance

Widen Capital Avenue  
Moore's Creek Drainway  
To Webb Road

10<sup>th</sup> Street & Adams / Broadwell  
Safety Improvement

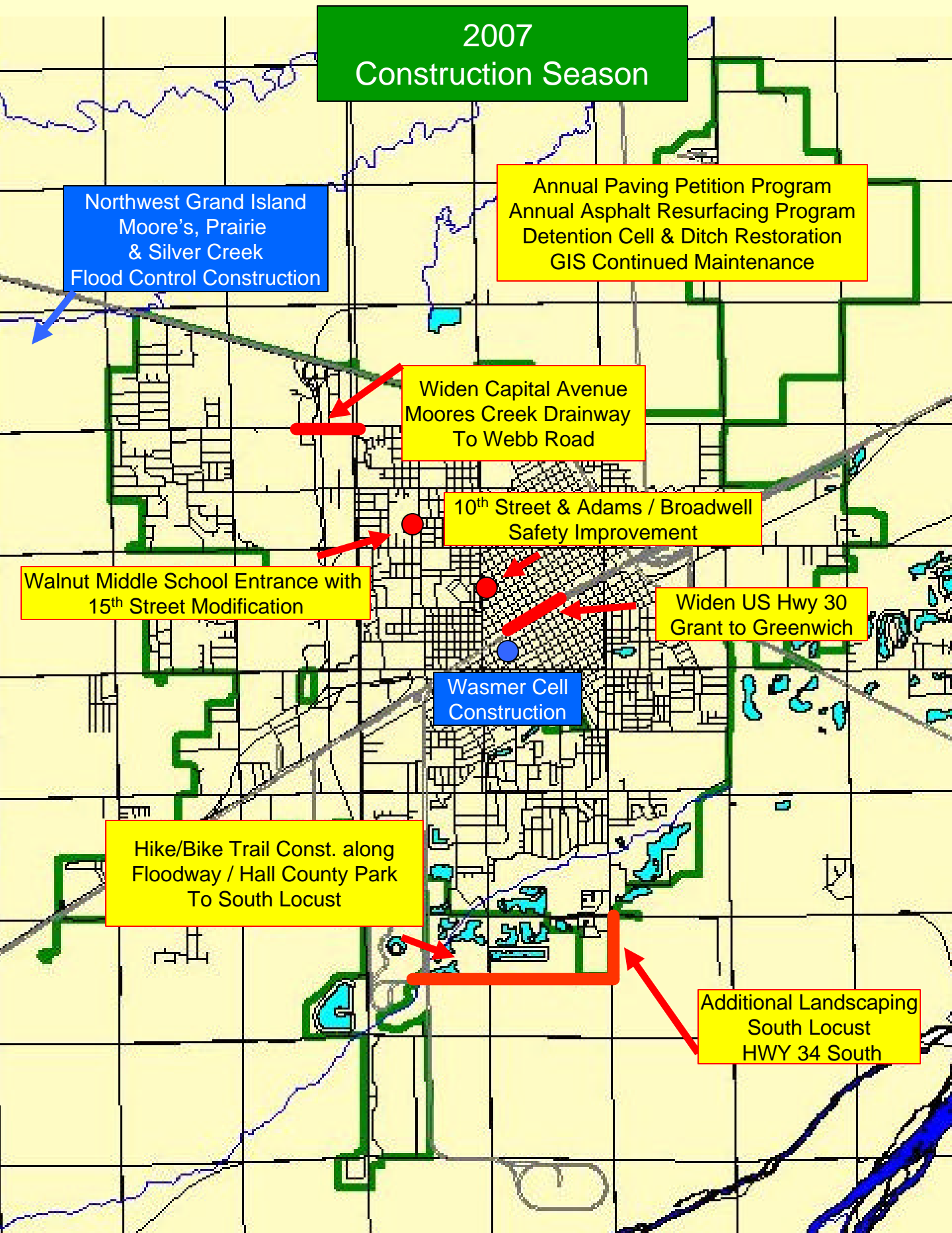
Walnut Middle School Entrance with  
15<sup>th</sup> Street Modification

Widen US Hwy 30  
Grant to Greenwich

Wasmer Cell  
Construction

Hike/Bike Trail Const. along  
Floodway / Hall County Park  
To South Locust

Additional Landscaping  
South Locust  
HWY 34 South



# 2008 Construction Season

Annual Paving Petition Program  
Annual Asphalt Resurfacing Program  
Concrete Ditch Lining  
GIS Continued Maintenance  
Detention Cell & Ditch Restoration  
Misc. Safety Enhancements

Northwest Grand Island  
Moore's, Prairie  
& Silver Creek  
Flood Control Construction

Capital Avenue &  
North Road  
Round-a-bout

Independence Ave Ditch  
Manchester to Capital

Extend Faidley Avenue to  
North Road

Extend Moore's Creek  
Drain to South of Old Pot Ash

Two (2) Bridge  
Replacements  
Blaine @ Wood River

South Locust  
Grading & Median  
Drains and New Lane  
Construction

Traffic Signal –  
Rea Road & US HWY 281

PVIP Drainage

Traffic Signal –  
US HWY 281  
& Wildood Dr.

Hike/Bike Trail  
\* South Locust from the  
Floodway to I-80  
\* Bridge over the Platte River  
\* South Locust to Mormon Island