



# City of Grand Island

Tuesday, February 24, 2004

Council Session

## Item E1

**Public Hearing on One & Six Year Street Improvement Program**

Staff Contact: Steve Riehle, City Engineer/Public Works Director

# Council Agenda Memo

**From:** Steven P. Riehle, P.E., Public Works Director  
**Meeting:** February 24, 2004  
**Subject:** Approving One & Six Year Street Improvement Program  
**Item #'s:** E-1 and G-4  
**Presenter(s):** Steven P. Riehle, P.E., Director of Public Works

## 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.

## Discussion

The review of the proposed plan is as follows:

- Tuesday, January 27, 2004 - City Council refers Plan to Regional Planning Commission.
- Wednesday, February 18, 2004 - Regional Planning Commission conducts Public Hearing and forwards recommendation to City Council.
- Tuesday, February 24, 2004 - City Council hears presentation from staff, conducts Public Hearing and passes Resolution adopting the Plan.

## **2004 Construction Season**

One of the major projects for the year 2004 construction season again relates to the improvements on South Locust Street. The improvements from U.S. Highway 34 to Stolley Park Road have been completed and we now have a contract for improvements between Stolley Park Road and Fonner Park Road. This project includes a new concrete roadway, 5' concrete sidewalks, concrete driveways, storm drainage, roadway lighting, ornamental pedestrian lighting and landscaping. A contract will be let for the construction of two bridges over the Platte River for the northbound lanes of S. Locust between I-80 and the south City Limits. The Nebraska Department of Roads has two major projects scheduled for, or underway in 2004. These are the on going construction of the Locust Street I-80 interchange, with completion scheduled in late summer of 2004,

and commencement of the roadway construction for the widening of East Highway 30 from just east of Stuhr Road to east of the Merrick County line. Other projects planned for 2004 include the paving of the Shanna Street and Lariat Lane connections and Independence Avenue from 13<sup>th</sup> Street to Shanna Street, and the widening of Stolley Park Road west of U.S. Highway 281 by Case New Holland (CNH). Also planned is the continuation of the Hiker/Biker trail from Central Community College to Hall County Park.

### **2005 – 2009 Construction Seasons**

Some significant projects beyond the 2004 construction season include the widening of Stolley Park Road from Locust Street to the southern Fonner Park Events Center entrance, grade separation construction at the UPRR on Broadwell Street and at an east by-pass location on either Stuhr Road or Shady Bend Road. Also planned during this period is completion of the construction of two northbound bridges on Locust Street over the Platte River channels, and the commencement of roadway construction for the northbound lanes of Locust Street between the I-80 interchange and the south city limits as well as the continuation of various segments of the Hiker/Biker trail construction. Completion of the four-lane roadway construction on East Highway 30 from Stuhr Road to the Merrick County line is scheduled for 2005.

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. Approve the One and Six Year Street Improvement Program
2. Disapprove or /Deny the approval of the One and Six Year Street Improvement Program. Failure to submit a 1 & 6 Year Program will result in the City not meeting one of the eligibility requirements for the receipt of over three million dollars in annual gas tax funds.
3. Modify the program contents to meet the wishes of the Council
4. Tabling the issue is not an option as the full report is due at the Nebraska Department of Roads by March 1, 2004.

### **Recommendation**

City Administration recommends that the Council approve the One and Six Year Street Improvement Program.

### **Sample Motion**

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

<b>2004 CONSTRUCTION SEASON</b>						
				(All Costs in \$1,000s)		
No.	Project Description	Total Project	State Federal Other	City STP	City G.O. Bond	City Cap. Imprv. Fund
<b>Street Construction</b>						
M310-477	S. Locust Improvements-Stolley to Fonner Park Road	\$1,850	\$150			\$1,700
M310-480	Independence Ave./Shanna St. Paving	\$750				\$750
M310-432	Annual Paving Petition Program	\$300			\$300	
M310-393	Hwy 30 East (Stuhr Road to Merrick County Line) - NDOR Project (Jul 1, 2004 - Jun 30, 2005)	\$5,743	\$5,291	\$452		
M310-386	S. Locust, Floodway to I-80, Bridge C0040 4120R	\$1,060		\$848		\$212
M310-388	S. Locust, Floodway to I-80, Bridge C0040 4125R	\$1,095		\$876		\$219
M310-463	Construction E&I - Two bridges over Platte (C0040-4120R & 4125R)	\$275		\$220		\$55
M310-489	Widen Stolley Park Road - HWY 281 west 1/4 mile	\$600				\$600
M310-	James Road Paving	\$150				\$150
M310-	Faidley Paving - Diers to Moores Creek	\$140				\$140
<b>Street Resurfacing</b>						
M310-433	Annual Resurfacing Program	\$500				\$500
<b>Drainage &amp; Flood Control</b>						
M310-461	Moores, Prairie, & Silver Creek Flood Control Design	\$150	\$75			\$75
M310-485	PVIP Cells & Drainage	\$127				\$127
M310-464	Concrete Lining of Drainage Ditches	\$35				\$35
<b>Other</b>						
M310-425	Railroad Corridor Study	\$125				\$125
M310-385	Geographic Information System (Continued Development & Maintenance)	\$25				\$25
M310-462	Hike/Bike Trail Construction-Cent. Comm. College to Hall County Park	\$400	\$320			\$80
<b>TOTALS</b>		<b>\$13,325</b>	<b>\$5,836</b>	<b>\$2,396</b>	<b>\$300</b>	<b>\$4,793</b>

<b>2005 CONSTRUCTION SEASON</b>						
						(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>						
M310-444	Paving Petition Program	\$750			\$750	
M310-407	S. Locust - HWY 34 to I-80 - Additional Landscaping	\$60	\$48			\$12
M310-267	Two Bridge Replacements - Blaine @ Wood River	\$250	\$120			\$130
M310-480	Independence Avenue Paving	\$1,050			\$1,050	
M310-488	Schimmer Dr. Paving; HWY 281 to 1/2 Mi west	\$175				\$175
M310-458	Traffic Signal - HWY 281/Wildwood Dr.	\$160	\$80			\$80
M310-450	Signal Detection - Locust & Stolley Park Road	\$50	\$25			\$25
M310-	Illuminating Lighting - HWY 281, Stolley to Old Potash	\$250				\$250
<b>Street Resurfacing</b>						
M310-445	Annual Resurfacing Program	\$750				\$750
<b>Drainage &amp; Flood Control</b>						
M310-485	PVIP Cells & Drainage	\$263				\$263
M310-461	Moore's, Prairie, & Silver Creek Flood Control Design	\$150	\$75			\$75
M310-434	Annual Major Drainage Development	\$500				\$500
M310-466	Concrete Lining of Drainage Ditches	\$50				\$50
M310-382	Moore's Creek Drainage - Rogers Well to Edna Drive	\$350				\$350
<b>Other</b>						
M310-465	Engineering Design- Hike/Bike Bridge Superstructure over 2 Platte River Channels	\$50				\$50
M310-389	Hike/Bike Trail Construction-Wood River Floodway to Hamilton County Bridge	\$600	\$480			\$120
M310-385	Geographic Information System (Continued Development & Maintenance)	\$25				\$25
M310-384	Construct One Landscaped Gateway Node (No. 1)	\$25				\$25
<b>TOTALS</b>		<b>\$5,483</b>	<b>\$828</b>	<b>\$0</b>	<b>\$1,800</b>	<b>\$2,855</b>

# 2006 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>							
M310-468	2006 Paving Petition Program	\$750			\$750		
M310-487A	Stolley Park Rd Widening, Locust to Fonner Park Ent.(Engineering Design)	\$90				\$90	
<b>Street Resurfacing</b>							
M310-470	Annual Resurfacing Program	\$750				\$750	
<b>Drainage &amp; Flood Control</b>							
M310-446	Annual Major Drainage Development	\$500				\$500	
M310-467	Concrete Lining of Drainage Ditches	\$50				\$50	
M310-459	Construct Drainway from CCC area to Wood River	\$425				\$425	
<b>Other</b>							
M310-385	Geographic Information System (Continued Development & Maintenance)	\$25				\$25	
M310-387	Construct One Landscaped Gateway Node (No. 2)	\$25				\$25	
M310-408	Hike/Bike Bridge Superstructure over two Platte River Channels	\$350	\$280			\$70	
M310-431	Hike/Bike Trail Construction, S. Locust - Floodway to I-80	\$600	\$480			\$120	
<b>TOTALS:</b>		<b>\$3,565</b>	<b>\$760</b>	<b>\$0</b>	<b>\$750</b>	<b>\$2,055</b>	

# 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>						
M310-487	Stolley Park Rd widening, Locust to Fonner Park Entrance (Construction)	\$1,200			\$1,200	
M310-409	S. Locust Grading and Median Drains for New Lanes (2007)	\$720		\$576		\$144
M310-	Illunination Lighting - Locust St.; S. City Limits to I-80	\$1,000			\$1,000	
M310-341	S. Locust - Floodway to I-80, Surfacing New Lanes (2007)	\$2,750		\$2,200		\$550
M310-475	2007 Paving Petition Program	\$750			\$750	
M310-351	Hwy 30 - Grant to Greenwich - NDOR Project (FY 2007)	\$3,524	\$2,819		\$705	
<b>Street Resurfacing</b>						
M310-476	Annual Resurfacing Program (2007)	\$750				\$750
<b>Drainage &amp; Flood Control</b>						
M310-471	Annual Major Drainage Development (2007)	\$500				\$500
M310-472	Concrete Lining of Drainage Ditches(2007)	\$50				\$50
<b>Other</b>						
M310-385	Geographic Information System (Continued Development & Maintenance)	\$25				\$25
M310-414	Hike/Bike Trail Construction, S. Locust to Morman Island. (Parallel to I-80)	\$600	\$480			\$120
M310-390	Construct One Landscaped Gateway Node (No 3)	\$25				\$25
<b>TOTALS:</b>		<b>\$11,894</b>	<b>\$3,299</b>	<b>\$2,776</b>	<b>\$3,655</b>	<b>\$2,164</b>

# 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>						
M310-490	Annual Paving Petition Program (2008)	\$750			\$750	
M310-334	Widen Eddy Street Underpass to 5-lanes on south end	\$175				\$175
M310-	Grade Separation Broadwell @ UPRR	\$12,000	\$600		\$11,400	
M310-353	Faidley Ave. - Moores Creek Ditch to North Rd.	\$1,250			\$1,250	
<b>Street Resurfacing</b>						
M310-491	Annual Resurfacing Program (2008)	\$750				\$750
<b>Drainage &amp; Flood Control</b>						
M310-492	Annual Major Drainage Development (2008)	\$500				\$500
M310-493	Concrete Lining of Drainage Ditches(2008)	\$50				\$50
<b>Other</b>						
M310-397	Construct One Landscaped Gateway Node (No 4)	\$25				\$25
M310-447	Hike/Bike Trail Construction - State St. to Eagle Scout Lake	\$500	\$400			\$100
M310-385	Geographic Information System (Continued development and maintenance)	\$25				\$25
<b>TOTALS</b>		<b>\$16,025</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$13,400</b>	<b>\$1,625</b>



# 2009 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-	Widen Capital Avenue West of HWY 281	\$670				\$670
M310-	Annual Paving Petition Program (2009)	\$750			\$750	
M310- 469	Capital Ave - HWY 281 to Webb Rd	\$900			\$900	
M310- 89	Capital Ave - Webb to St. Paul Road	\$3,000			\$3,000	
M310- 14	Eddy Street - 4th to 10th (5 lane)	\$1,800			\$1,800	
M310-	East Bypass Grade Separation @ UPRR	\$16,000	\$800		\$15,200	
M310-	S. Locust - Illumination Lighting HWY 34 to I-80	\$1,000		\$500		\$500
M310- 352	Hwy 30 - Hwy 281 to west City Limits - NDOR Project	\$9,449	\$7,559		\$1,890	
M310- 411	Hwy 34 - Locust to Hwy 281 - NDOR Project	\$6,679	\$5,343		\$1,336	
<b>Street Resurfacing</b>						
M310-	Annual Resurfacing Program (2009)	\$750				\$750
<b>Drainage &amp; Flood Control</b>						
M310-	Annual Major Drainage Development (2009)	\$500				\$500
M310-	Concrete Lining of Drainage Ditches(2009)	\$50				\$50
<b>Other</b>						
M310- 415	Construct One Landscaped Gateway Node (No. 5)	\$25				\$25
M310- 435	Construct One Landscaped Gateway Node (No. 6)	\$25				\$25
M310- 385	Geographic Information System (Continued development and maintenance)	\$25				\$25
M310- 416	BLDG Improvements at West Yard	\$375				\$375
<b>TOTALS</b>		<b>\$41,998</b>	<b>\$13,702</b>	<b>\$500</b>	<b>\$24,876</b>	<b>\$2,920</b>