



# City of Grand Island

Tuesday, February 08, 2011

Council Session

## Item E2

**Public Hearing on the One & Six Year Street Improvement Plan**

Staff Contact: Gary R. Mader, Interim Public Works Director

# Council Agenda Memo

**From:** Gary R. Mader, Interim Public Works Director

**Meeting:** February 8, 2011

**Subject:** Public Hearing on the One & Six Year Street Improvement Plan

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

**Presenter(s):** Gary R. Mader, Interim Public Works Director

## Background

Adoption of a One and Six Year Street Improvement Program is mandatory 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 develops this program 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

The process this year was expanded to include the 400 Capital Improvement Program (CIP) scoring and ranking system that was first presented at the February 2009 City Council Retreat.

The City engages in a public process to assure input into the policy making process. The proposed One & Six Year Street Improvement Program is a result of the following steps:

- Tuesday, January 25, 2011 - City Council referred plan to Regional Planning Commission
- Wednesday, February 2, 2011 - Regional Planning Commission conducted a Public Hearing and forwarded the recommendation to the City Council
- Tuesday, February 8, 2011 - City Council hears presentation from staff, conducts Public Hearing and passes a Resolution adopting the plan
- February 26<sup>th</sup> – 1 & 6 year Street Improvement Program due at the Nebraska Department of Roads

## **Discussion**

A public hearing was conducted, testimony received and discussion held on the One & Six Year Street Improvement Program at the Grand Island/Hall County Regional Planning Commission meeting on February 2, 2011. The commission forwarded the 1 & 6 Year Street Improvement Program to the council with a recommendation for approval.

The projects listed in the 1 & 6 Year Plan for calendar year 2011 are considered definite projects. These projects were in the approved fiscal year 2011 budget. Many of the projects listed in the 1 & 6 Plan for 2012 through 2016 are included in the City's budget, but are subject to schedule changes depending upon coordination and approval of state and federal funding.

## **Alternatives**

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

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

Public Works Administration recommends that the Council conduct a Public Hearing and approve the One and Six Year Street Improvement Program.

## **Sample Motion**

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

## 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- 577	Hwy 281 Striping	\$ 180	\$ 90	\$ 90		
	M310- 537	Realign Walnut Ent. @ Custer / 15th St w/ Signal	\$ 27				\$ 27
	M310- 508	Build Pipes from US Hwy 30 to Wasmer Cell	\$ 32				\$ 32
	M310- 459	Build Drainway from CCC to Wood River	\$ 350				\$ 350
	M310- 515	Quiet Zone - UPRR Corridor - Oak, Pine, Elm & Walnut	\$ 7				\$ 7
	M310- 571	Signal @ Front St & Webb Rd	\$ 80				\$ 80
<b>Street Resurfacing</b>							
	M310- 541	Annual Paving Program (Assessment Districts)	\$ 532				\$ 532
<b>Drainage &amp; Flood Control</b>							
	M310- 544	Concrete Lining of Drainage Ditches	\$ 50				\$ 50
	M310- 461	Construction of NW GI Flood Control Project	\$ 850	\$ 450			\$ 400
	M310- 485	PVIP Drainage Project - Phase 1	\$ 508	\$ 381			\$ 127
	M310- 382	Moores Creek Drain - Rogers Well to South of Old Potash	\$ 220				\$ 220
<b>Other</b>							
	M310- 447	Trail along Moores Creek Drain - State to Capital Connector	\$ 12				\$ 12
	M310- 572	Annual Sidewalk Projects	\$ 25				\$ 25
<b>Totals:</b>			<b>\$ 2,873</b>	<b>\$ 921</b>	<b>\$ 90</b>	<b>\$ -</b>	<b>\$ 1,862</b>

## 2012 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-	537	Realign Walnut Ent @ Custer/15th St w/ Signal	\$ 270	\$ 270		
M310-	515	Quiet Zone - UPRR Corridor - Oak, Pine, Elm & Walnut	\$ 590	\$ 140		\$ 450
M310-	578	Hwy 30 Concrete Repair (Grant to Claude Rd)	\$ 1,200	\$ 600	\$ 600	
M310-	508	Build Pipes from US Hwy 30 to Wasmer Cell	\$ 1,075	\$ 645		\$ 430
M310-	267	Blaine St bridges over Wood River	\$ 100			\$ 100
M310-	411	Husker Hwy from US Hwy 281 to Locust	\$ 1,140	\$ 940	\$ 200	
<b>Street Resurfacing</b>						
M310-	546	Annual Paving Program (Assessment Districts)	\$ 750			\$ 750
<b>Drainage &amp; Flood Control</b>						
M310-	461	Construction of NW GI Flood Control Project	\$ 850	\$ 450		\$ 400
M310-	549	Concrete Lining of Drainage Ditches	\$ 50			\$ 50
<b>Other</b>						
M310-	590	Third & Wheeler Downtown Historical Lighting Project	\$ 118	\$ 118		
M310-	408	Mormon Island Trail Bridges	\$ 502	\$ 401		\$ 101
M310-	447	Trail along Moores Creek Drain - State to Capital Connector	\$ 288	\$ 230		\$ 58
M310-	572	Annual Sidewalk Projects	\$ 25			\$ 25
<b>Totals:</b>			<b>\$ 6,958</b>	<b>\$ 3,794</b>	<b>\$ 800</b>	<b>\$ - \$ 2,364</b>

## 2013 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- 518	Quiet Zone - UPRR Corridor - Lincoln, Broadwell & Blaine/Custer	\$ 370				\$ 370
M310- 569	Signal @ US Hwy 30 (2nd Street) and Lincoln Ave	\$ 55				\$ 55
<b>Street Resurfacing</b>						
M310- 579	Misc Federal Aid Resurfacing - Various Locations	\$ 2,700		\$ 2,150		\$ 550
M310- 555	Annual Paving Program (Assessment Districts)	\$ 750				\$ 750
<b>Drainage &amp; Flood Control</b>						
M310- 567	Integrated Comprehensive Drainage Plan	\$ 80				\$ 80
M310- 507	Independence Ave Ditch - Design	\$ 80				\$ 80
M310- 461	Construction of NW GI Flood Control Project	\$ 850	\$ 450			\$ 400
M310- 568	Update Moores Creek Drainage Plan	\$ 78	\$ 39			\$ 39
M310- 559	Concrete Lining of Drainage Ditches	\$ 50				\$ 50
M310- 485	PVIP Drianage Project - Phase 2	\$ 272	\$ 172			\$ 100
M310- 507	Independence - Construct Culverts & Fill in West Ditch	\$ 350		\$ 280		\$ 70
<b>Other</b>						
M310- 517	Trail along Veteran's Home from Capital & Webb to Eagle Scout Park	\$ 600	\$ 480			\$ 120
M310- 572	Annual Sidewalk Projects	\$ 25				\$ 25
<b>Totals:</b>		<b>\$ 6,260</b>	<b>\$ 1,141</b>	<b>\$ 2,430</b>	<b>\$ -</b>	<b>\$ 2,689</b>

## 2014 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- 89	Capital Ave - Webb Rd to Broadwell Ave	\$ 3,200		\$ 2,560		\$ 640
M310- 580	Hwy 281 Southbound Repair	\$ 200	\$ 100	\$ 100		
M310- 353	Faidley Ave - North Rd east to Irongate Ave (approx 2,000')	\$ 1,250		\$ 1,138		\$ 112
M310- 581	US 30 Resurfacing - West City Limits to Hwy 281	\$ 4,360	\$ 4,360			
<b>Street Resurfacing</b>						
M310- 560	Annual Paving Program (Assessment Districts)	\$ 750				\$ 750
<b>Drainage &amp; Flood Control</b>						
M310- 461	Construction of NW GI Flood Control Project	\$ 850	\$ 450			\$ 400
M310- 563	Concrete Lining of Drainage Ditches	\$ 50				\$ 50
<b>Other</b>						
M310- 431	Trail along Locust from I-80 to WR Floodway	\$ 600	\$ 480			\$ 120
M310- 572	Annual Sidewalk Projects	\$ 25				\$ 25
<b>Totals:</b>		<b>\$ 11,285</b>	<b>\$ 5,390</b>	<b>\$ 3,798</b>	<b>\$ -</b>	<b>\$ 2,097</b>

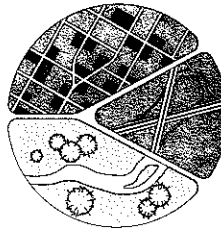
## 2015 Construction Season

(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 Resurfacing</b>						
M310- 458	Signal @ US Hwy 34/281 and Wildwood Rd	\$ 150				\$ 150
<b>Street Resurfacing</b>						
M310- 575	Annual Paving Program (Assessment Districts)	\$ 750				\$ 750
<b>Drainage &amp; Flood Control</b>						
M310- 461	Construction of NW GI Flood Control Project	\$ 850	\$ 450			\$ 400
M310- 573	Concrete Lining of Drainage Ditches	\$ 50				\$ 50
<b>Other</b>						
M310- 414	Trail along I-80 from Mormon Island to Locust	\$ 600	\$ 480			\$ 120
M310- 572	Annual Sidewalk Projects	\$ 25				\$ 25
M310- 497	Lighting on US Hwy 281 from Stolley Park to Old Potash	\$ 250				\$ 250
<b>Totals:</b>		<b>\$ 2,675</b>	<b>\$ 930</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,745</b>



## 2016 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- 352	Hwy 30 Relocation - US 281 West	\$ 18,000	\$ 9,000	\$ 9,000		
M310- 499	Broadwell Ave/UPRR - Construction	\$ 10,800	\$ 8,640			\$ 2,160
M310- 499A	Broadwell Ave/UPRR - Environmental Study/Preliminary Engineering	\$ 640		\$ 512		\$ 128
M310- 499A	Broadwell Ave/UPRR - Final Design & ROW Appraisal	\$ 128				\$ 128
M310- 499A	Broadwell Ave/UPRR - ROW	\$ 1,000		\$ 800		\$ 200
M310- 564	Stolley - Fonner/HEC/Fair Entrance to Stuhr Rd	\$ 920	\$ 736	\$ 184		
M310- 533	Husker Hwy W of US Hwy 34/281 Intersection	\$ 1,200		\$ 960		\$ 240
M310- 545	Signal @ US Hwy 34/281 and Rae Rd	\$ 135	\$ 68			\$ 67
M310- 556	North Rd over UPRR	\$ 7,600	\$ 6,080			\$ 1,520
M310- 551	Stolley Park Rd & North Rd Intersection	\$ 146				\$ 146
M310- 553	Left Turn Lane on 13th @ Redwood/Mansfield	\$ 62				\$ 62
M310- 528	State/Diers Intersection Improvements	\$ 390				\$ 390
M310- 552	Left Turn Lane on Husker Hwy @ HLHS	\$ 62				\$ 62
M310- 502	Shady Bend Rd @ UPRR -E Bypass	\$ 16,000	\$ 12,800			\$ 3,200
M310- 550	Left Turn Lane - North Rd @ NWHS	\$ 56				\$ 56
M310- 574	Misc. Signals - TBD	\$ 112				\$ 112
M310- 540	North Rd & 13th St Intersection Improvements	\$ 300				\$ 300
M310- 583	North Rd & Old Potash Intersection Improvements	\$ 300				\$ 300
M310- 538	Capital Ave & North Rd Intersection Improvement	\$ 360				\$ 360
M310- 535	Realign Barr Entrance @ Stolley/Adams w/ Signal	\$ 360				\$ 360
M310- 584	Stolley Park Rd - Locust St to Webb Rd Safety Improvement	\$ 1,000	\$ 900			\$ 100
M310- 585	State Street - Webb Rd to Broadwell Ave Safety Improvement	\$ 1,500	\$ 1,350			\$ 150
M310- 521	Swift Rd - WWTP to Stuhr Rd	\$ 450				\$ 450
M310- 554	Resurface Wildwood from US Hwy 281 to Locust St	\$ 876				\$ 876
M310- 539	3rd St Widening - Adams to Eddy	\$ 90				\$ 90
M310- 586	Broadwell Ave - Capital to Airport Rd	\$ 1,200		\$ 960		\$ 240
M310- 587	Webb Rd - UPRR to south of Stolley Park Rd	\$ 1,500		\$ 1,200		\$ 300
M310- 588	Blaine St - Schimmer Dr to Wildwood Dr	\$ 1,000				\$ 1,000
M310- 520	Capital Ave - Broadwell Ave to St Paul Rd	\$ 1,000		\$ 800		\$ 200
<b>Street Resurfacing</b>						
M310- 582	Annual Paving Program (Assessment Districts)	\$ 750				\$ 750
<b>Drainage &amp; Flood Control</b>						
M310- 589	Concrete Lining of Drainage Ditches	\$ 50				\$ 50
M310- 576	Misc. Major Drainage Development	\$ 500	\$ 250			\$ 250
M310- 511	Moore's Creek - Old Potash to Edna	\$ 150				\$ 150
<b>Other</b>						
M310- 565	Trail along Locust from US Hwy 34 to Stagecoach	\$ 600	\$ 480			\$ 120
M310- 572	Annual Sidewalk Projects	\$ 25				\$ 25
M310- 527	Misc. Safety Projects - TBD	\$ 150				\$ 150
<b>Totals:</b>		<b>\$ 69,412</b>	<b>\$ 40,304</b>	<b>\$ 14,416</b>	<b>\$ -</b>	<b>\$ 14,692</b>



THE REGIONAL PLANNING COMMISSION of Hall  
County, Grand Island, Wood River and the Villages  
of Alda, Cairo and Doniphan, Nebraska

February 3, 2011

Honorable Jay Vavricek, Mayor  
And Members of the Council  
City Hall 100 E. 1<sup>st</sup> Street  
Grand Island, NE 68801

Dear Members of the Council:

**RE: ADOPTION OF THE 1 & 6 YEAR STREET IMPROVEMENT PLANS FOR THE CITY OF GRAND ISLAND.**

At the meeting of the Regional Planning Commission, held February 2, 2011, the above item was considered following a public hearing. This item is to adopt the new 1 & 6 year street improvement plan for the City Of Grand Island.

Terry Brown, Public Works Manager of Engineering Services and Interim City Engineer, discussed the Grand Island 1 & 6 Year Street Improvement Plan.

Brown briefed members on: 2011 Projects, which included construction of NW GI flood control project; Realign Walnut entrance at Custer/15<sup>th</sup> w/signal; build pipes from US Hwy 30 to Wasmer Cell; build drainway from CCC to Wood River; Signal @ N Front St. & Webb Rd. – Phase 1; Quiet Zone – UPRR Corridor – Oak, Pine, Elm & Walnut; Platte Valley Industrial Park Drainage Project – Phase 1; Misc Parks Projects (Annual); Trail along Moores Creek Drain – State to Capital Connector; Moores Creek Drain – Rogers Well to South of Old Potash and annual sidewalk projects, and concrete lining of ditches. Brown emphasized these projects were in the beginning stages, there is a process that has to be followed and hoops to be jumped through. For each project there could be a minimum of three years before the project may be started, especially with State and Federal dollars to help fund the project.

Ericksen asked how the 2011 Drainway from CCC to Wood River would affect Stolley Park and Brentwood area. Brown stated this was the overall solution that will help divert the water to the Wood River.

A motion was made by Ruge and seconded by Reynolds, to recommend approval of the Grand Island 1 & 6 Year Street Improvement Plan as submitted.

A roll call vote was taken and the motion passed with 8 members present and all voting in favor (Aguilar, Amick, O'Neill, Ruge, Eriksen, Haskins, Bredthauer, Reynolds) and no member present voting against.

Yours truly,

A handwritten signature in black ink, appearing to read "Chad Nabity". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Chad Nabity AICP  
Planning Director