



# **City of Grand Island**

**Tuesday, January 24, 2012**

**Council Session**

## **Item H1**

**Approving Referral of the One & Six Year Street Improvement  
Plan to the Regional Planning Commission**

**Staff Contact: John Collins, Public Works Director**

# **Council Agenda Memo**

**From:** Terry Brown, Manager of Engineering Services

**Meeting:** January 24, 2012

**Subject:** Approving Referral of the One & Six Year Street Improvement Plan to the Regional Planning Commission

**Item #'s:** H-1

**Presenter(s):** John Collins, Public Works Director

## **Background**

Attached is staff's recommended One and Six Year Street Improvement Plan (SIP). Adoption of a One and Six Year Street Improvement Plan is required by State law as part of the requirements to receive approximately three million dollars of gas tax funds each year.

The attached proposed One and Six Year Street Improvement Plan will be reviewed by the Regional Planning Commission and come back to the City Council for discussion, modification, and adoption in February. Administration recommends that the draft be referred to the Regional Planning Commission.

Our recommendation for the review of the proposed plan is as follows:

- Tuesday, January 24, 2012 - City Council refers the plan to the Regional Planning Commission
- Wednesday, February 1, 2012 – Regional Planning Commission conducts a Public Hearing and forwards a recommendation to the City Council
- Tuesday, February 14, 2012 – City Council hears a presentation from staff, conducts a Public Hearing, and passes a Resolution adopting the plan
- Prepare and submit the report to the Nebraska Department of Roads by March 1, 2011

The proposed One & Six Year SIP is being presented to council for referral to the Regional Planning Commission based on a 400 Capital Improvement Plan ranking system that was presented at the 2009 city council retreat. The ranking system was updated by a city staff team consisting of the following individuals:

- Public Works Director – John Collins
- Manager of Engineering Services – Terry Brown
- Project Manager – Scott Griepenstroh
- Street Superintendent – Shannon Callahan

The One & Six Year Street Improvement Plan typically starts with year one (1) for the current construction year, closely matching the projects in the current fiscal year's budget. The projects in year 1 of the plan are considered "certain", with projects in years 2 through 5 being listed for planning purposes and subject to approval by council during the budget process. Future projects for years 2 through 5 and after were scheduled based on council and public input.

## **Discussion**

### **A few of the 2012 projects that should be discussed include:**

#### **Infrastructure Contingency Funds (Emergency)**

City Staff believes it is good fiscal management to include funds for emergencies.

#### **Realign Walnut Entrance at Custer Avenue / 15<sup>th</sup> Street with Signal**

This project will realign the main driveway to Walnut Middle School to match up with the intersection of 15<sup>th</sup> Street and Custer Avenue and install a traffic signal. The project is funded with Safe Routes to School funds authorized by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A legacy for Users Act that are administered by the Nebraska Department of Roads. This area will then be safer for children crossing Custer Avenue and encourage more walking and biking to school. The project is scheduled for bid letting spring of 2012, with summer construction.

#### **Build Drainway from Central Community College to Wood River**

The 1978 drainage plan, prepared by McGaughy, Marshall and McMillan, designated a drainage outlet to the Wood River to serve the southwest portion of the City. In 1983, when Stolley Park Road was paved, a temporary connection was made to drain the Brentwood area and some surrounding land. With the large amount of precipitation in recent years, the Stolley Park system has been badly overloaded.

Currently the Public Works Engineering staff is working through obtaining both temporary and permanent easements to complete the project. This project will complete the connection to the Wood River in a similar manner as was designated by the 1978 plan. Construction of this outlet will serve to reduce the dependence on the Stolley Park drain and provide a more positive drainage alignment for the Brentwood area. The project schedule is set for bid letting the summer of 2012, as well as construction.

#### **Husker Highway from US Highway 281 to Locust Street**

The Nebraska Department of Roads is planning to improve a portion of US Highway 34 from US Highway 281 to South Locust Street. The project includes milling of the existing roadway surface and overlaying with asphalt. US Highway 34 will be widened at the intersection of Blaine Street to accommodate left turn lanes. The bridge immediately west of the Blaine Street intersection will be replaced with a concrete box culvert. Construction is scheduled in 2012.

#### **US Highway 30 Concrete Repair (west of US Highway 30 to Grant Street)**

The improvements to US Highway 30 cover 1.62 miles, starting just west of the US Highway 30 and US Highway 281 junction and extending east to the junction of US Highway 30 and Gran Street. This project will consist of repairing concrete pavement, curbs and bridge joints; diamond grinding the concrete roadway and resurfacing shoulders and the ramps at the US Highway 30 and US Highway 281 interchange; and new pavement markings.

#### US Highway 281 Drainage Project – Phase I

Phase I of this three phase project will consist of ditch grading and culvert realignment to aid in moving the standing water on the north end of US Highway 281 (mainly the east ditch along US Highway 281). Future phases will address the entire US Highway 281 corridor for drainage.

Additional projects the Public Works Engineering staff would like to complete in the 2011/2012 budget year, should funds become available include:

- Paving Assessment District on Stolley Park Road, west of US Highway 281 - \$625,000
- Paving Assessment District in Westwood Park Subdivision (ideally would be completed in connection with the sanitary sewer district already approved for this area) - \$295,000
- Intersection Improvements at Airport Road and Sky Park Road to aid in traffic flow to and from the Central Nebraska Regional Airport - \$60,000
- Faidley Avenue extension from Diers Avenue west to North Road - \$700,000

### **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**

City Administration recommends that the Council refer the One and Six Year Street Improvement Plan to the Regional Planning Commission.

### **Sample Motion**

Move to approve referral of the One and Six Year Street Improvement Plan.

		2012 Construction Season			
(All costs in \$1,000s)					
	No.	Project Description	Total Project	State Federal Other	City Cap. Impr. Fund
Street Construction					
M310-	89	Capital Avenue Widening - Webb Road to Broadwell - PE	\$320	\$256	\$64
M310-	411	Husker Highway from US Highway 281 to Locust St	\$2,794	\$2,674	\$120
M310-	508	US Hwy 30 Drainage Improvements	\$1,275	\$816	\$459
M310-	515	Quiet Zone - UPRR Corridor - Oak, Pine, Elm & Walnut	\$247	\$140	\$107
M310-	537	Realign Walnut Ent. @ Custer / 15th St w/ Signal	\$291	\$227	\$64
M310-	578	Highway 30 Concrete Repair (W of US Hwy 30 to Grant St)	\$847	\$423	\$424
M310-	579	Misc Federal Aid Resurfacing - Various Locations	\$385	\$308	\$77
M310-	591	Broadwell Avenue Shoulder Improvement @ BNSF	\$40		\$40
Street Resurfacing					
M310-	593	Annual Asphalt Resurfacing Project	\$750		\$750
Drainage & Flood Control					
M310-	267	Wood River/Blaine Bridge - Design	\$30		\$30
M310-	459	Southwest Drainage Project (CCC to Wood River)	\$500		\$500
M310-	461	Construction of NW GI Flood Control Project	\$850	\$475	\$375
M310-	544	Concrete Lining of Drainage Ditches	\$50		\$50
M310-	595	Highway 281 Drainage Project - Phase I	\$125		\$125
M310-	596	Storm Cell Improvements	\$10		\$10
Other					
M310-	447	Trail along Moores Creek Drain - State to Capital Connector	\$504	\$404	\$100
M310-	572	Annual Sidewalk Projects	\$25		\$25
M310-	590	Third & Wheeler Downtown Historical Lighting Project	\$308	\$308	
M310-	597	Annual Handicap Ramp Installation Project	\$125		\$125
Totals:			\$9,476	\$6,031	\$3,445

2013 Construction Season					
(All costs in \$1,000s)					
	No.	Project Description	Total Project	State Federal Other	City Cap. Impr. Fund
<b>Street Construction</b>					
M310-	89	Capital Ave Widening - Webb Road to Broadwell - PE/ROW	\$ 310	\$ 248	\$ 62
M310-	267	Blaine St bridges over Wood River	\$ 100		\$ 100
M310-	598	Airport Rd & Sky Park Rd Intersection Improvements	\$ 60		\$ 60
M310-	579	Misc Federal Aid Resurfacing - Various Locations	\$ 3,010	\$ 2,408	\$ 602
<b>Street Resurfacing</b>					
M310-	546	Annual Paving Program (Assessment Districts) - W Stolley Park Rd & Westwood Park Sub	\$ 920		\$ 920
M310-	599	Sky Park Improvements - Airport Rd to Abbott Rd	\$ 700		\$ 700
M310-	600	Annual Asphalt Resurfacing Project	\$ 750		\$ 750
<b>Drainage &amp; Flood Control</b>					
M310-	461	Construction of NW GI Flood Control Project	\$ 850	\$ 475	\$ 375
M310-	485	PVIP Drainage Project - Phase I (Design)	\$ 80		\$ 80
M310-	507	Independence Avenue Drainage - Design	\$ 80		\$ 80
M310-	507	Independence - Construct Culverts & Fill in West Ditch	\$ 350		\$ 350
M310-	549	Concrete Lining of Drainage Ditches	\$ 50		\$ 50
M310-	567	Integrated Comprehensive Drainage Plan	\$ 80		\$ 80
M310-	568	Update Moores Creek Drainage Plan	\$ 78	\$ 39	\$ 39
M310-	601	Storm Cell Improvements	\$ 10		\$ 10
M310-	602	Highway 281 Drainage Project - Phase II	\$ 125		\$ 125
<b>Other</b>					
M310-	572	Annual Sidewalk Projects	\$ 25		\$ 25
M310-	605	Trail along Broadwell Ave - Capital Ave to Eagle Scout Park - PE	\$ 42	\$ 34	\$ 8
<b>Totals:</b>			<b>\$ 7,620</b>	<b>\$ 3,204</b>	<b>\$ 4,416</b>

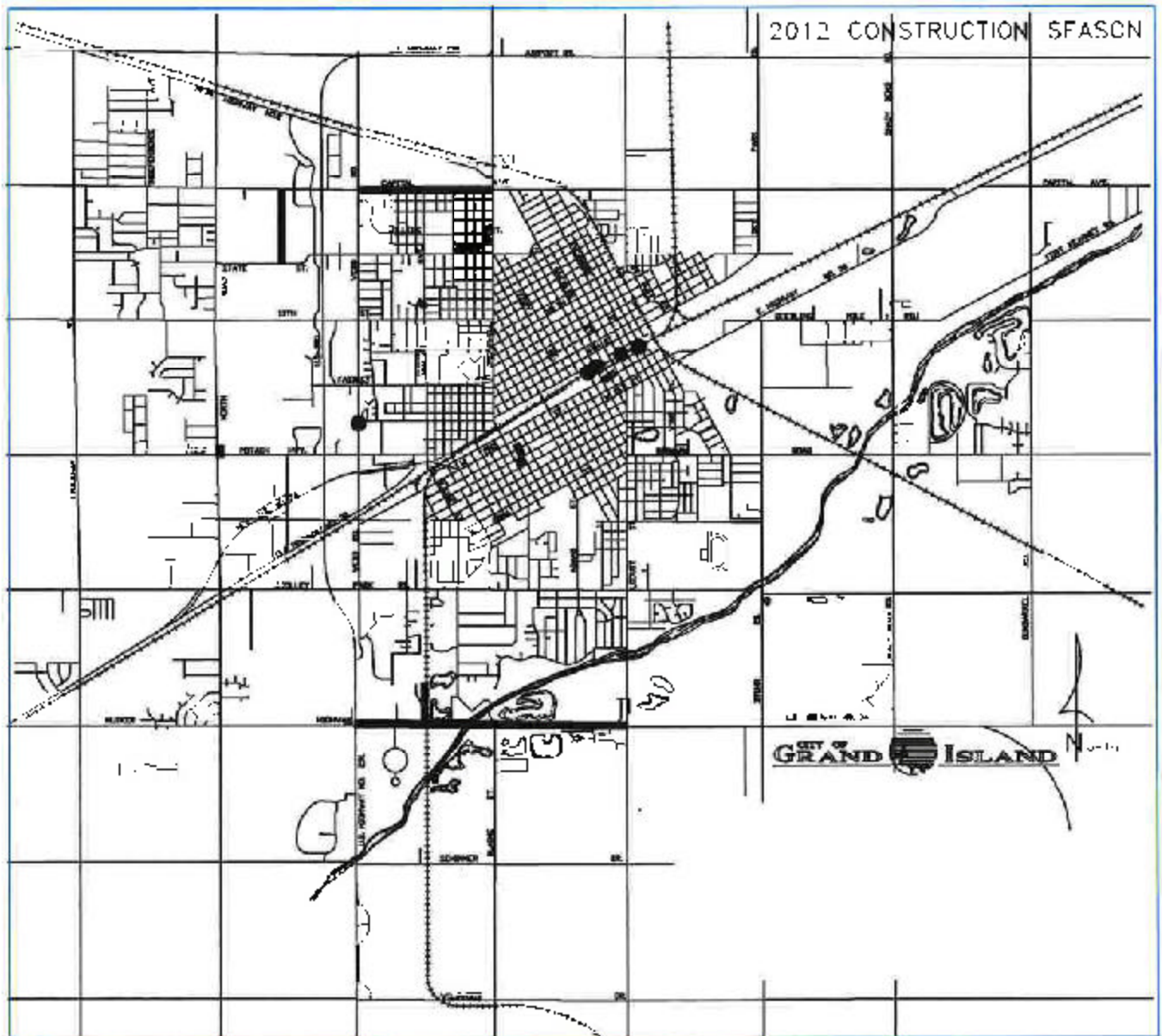
2014 Construction Season					
(All costs in \$1,000s)					
	No.	Project Description	Total Project	State Federal Other	City Cap. Impr. Fund
<b>Street Construction</b>					
M310-	89	Capital Ave Widening - Webb Rd to Broadwell Ave	\$ 3,795	\$ 3,036	\$ 759
M310-	353	Faidley Avenue - North Rd east to Irongate Ave (approx. 2,000')	\$ 700		\$ 700
M310-	518	Quiet Zone - UPRR Corridor - Lincoln, Broadwell & Blaine/Custer	\$ 530	\$ 100	\$ 430
M310-	569	Signal @ US Hwy 30 (2nd Street) and Lincoln Ave	\$ 55		\$ 55
M310-	580	Highway 281 Southbound Repair	\$ 200	\$ 100	\$ 100
M310-	581	US Highway 30 Resurfacing - West City Limits to Highway 281	\$ 4,360	\$ 4,160	\$ 200
M310-	606	Webb Rd & State St Intersection (Geometrics)	\$ 50		\$ 50
M310-	607	Diers Ave & State Street / US Hwy 281 - Design (Geometrics)	\$ 100		\$ 100
M310-	608	Locust St & Anna St (Geometrics)	\$ 75		\$ 75
M310-	609	Sky Park Road Improvements (Capital Ave to Airport Rd)	\$ 800		\$ 800
M310-	610	Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) - Phase I	\$ 500		\$ 500
<b>Street Resurfacing</b>					
M310-	611	Annual Asphalt Resurfacing Project	\$ 750		\$ 750
<b>Drainage &amp; Flood Control</b>					
M310-	461	Construction of NW GI Flood Control Project	\$ 850	\$ 475	\$ 375
M310-	559	Concrete Lining of Drainage Ditches	\$ 50		\$ 50
M310-	612	Highway 281 Drainage Project - Phase III	\$ 125		\$ 125
M310-	613	Storm Cell Improvements	\$ 10		\$ 10
M310-	603	Comprehensive Drainage Plan	\$ 125		\$ 125
M310-	614	PVIPDrainage Project - Phase II	\$ 750		\$ 750
<b>Other</b>					
M310-	604	Highway 281 Safety Enhancement Improvement Project	\$ 1,000	\$ 800	\$ 200
M310-	517	Trail along Broadwell Ave - Capital Ave to Eagle Scout Lake	\$ 210	\$ 168	\$ 42
M310-	572	Annual Sidewalk Projects	\$ 25		\$ 25
<b>Totals:</b>				<b>\$ 8,839</b>	<b>\$ 6,221</b>

		2015 Construction Season			
(All costs in \$1,000s)					
	No.	Project Description	Total Project	State Federal Other	City Cap. Impr. Fund
Street Construction					
M310-	611	Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) - Phase II	\$ 500		\$ 500
M310-	458	Signal @ US Highway 34/281 and Wildwood Rd	\$ 150		\$ 150
Street Resurfacing					
M310-	616	Annual Asphalt Resurfacing Project	\$ 750		\$ 750
Drainage & Flood Control					
M310-	461	Construction of NW GI Flood Control Project	\$ 850	\$ 475	\$ 375
M310-	563	Concrete Lining of Drainage Ditches	\$ 50		\$ 50
M310-	617	Storm Cell Improvements	\$ 10		\$ 10
Other					
M310-	497	Lighting on US Highway 281 from Stolley Park Rd to Old Potash Hwy	\$ 250		\$ 250
M310-	517	Trail along Broadwell Ave - Capital Ave to Eagle Scout Lake	\$ 820	\$ 656	\$ 164
M310-	572	Annual Sidewalk Projects	\$ 25		\$ 25
Totals:			\$ 3,405	\$ 1,131	\$ 2,274

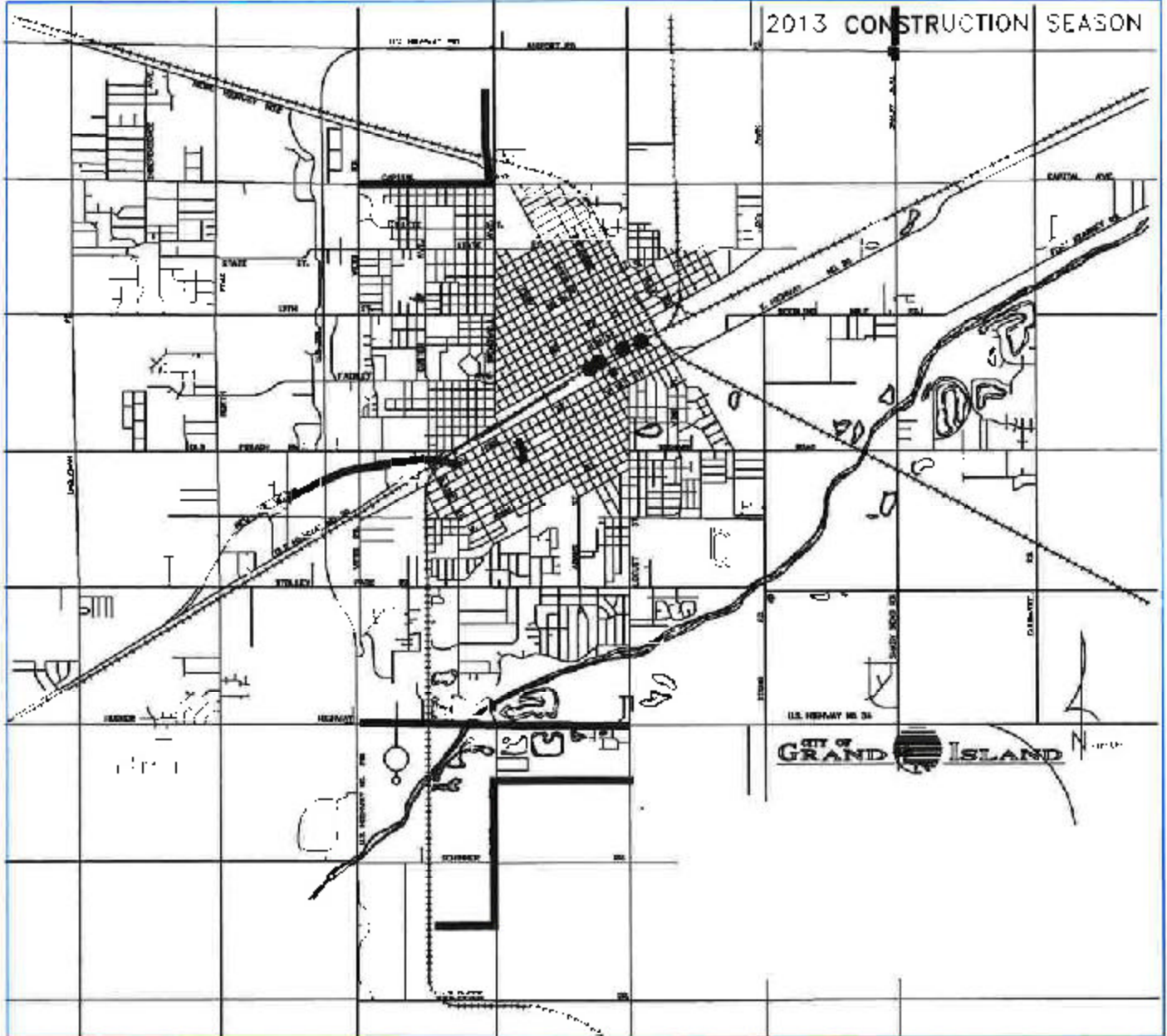


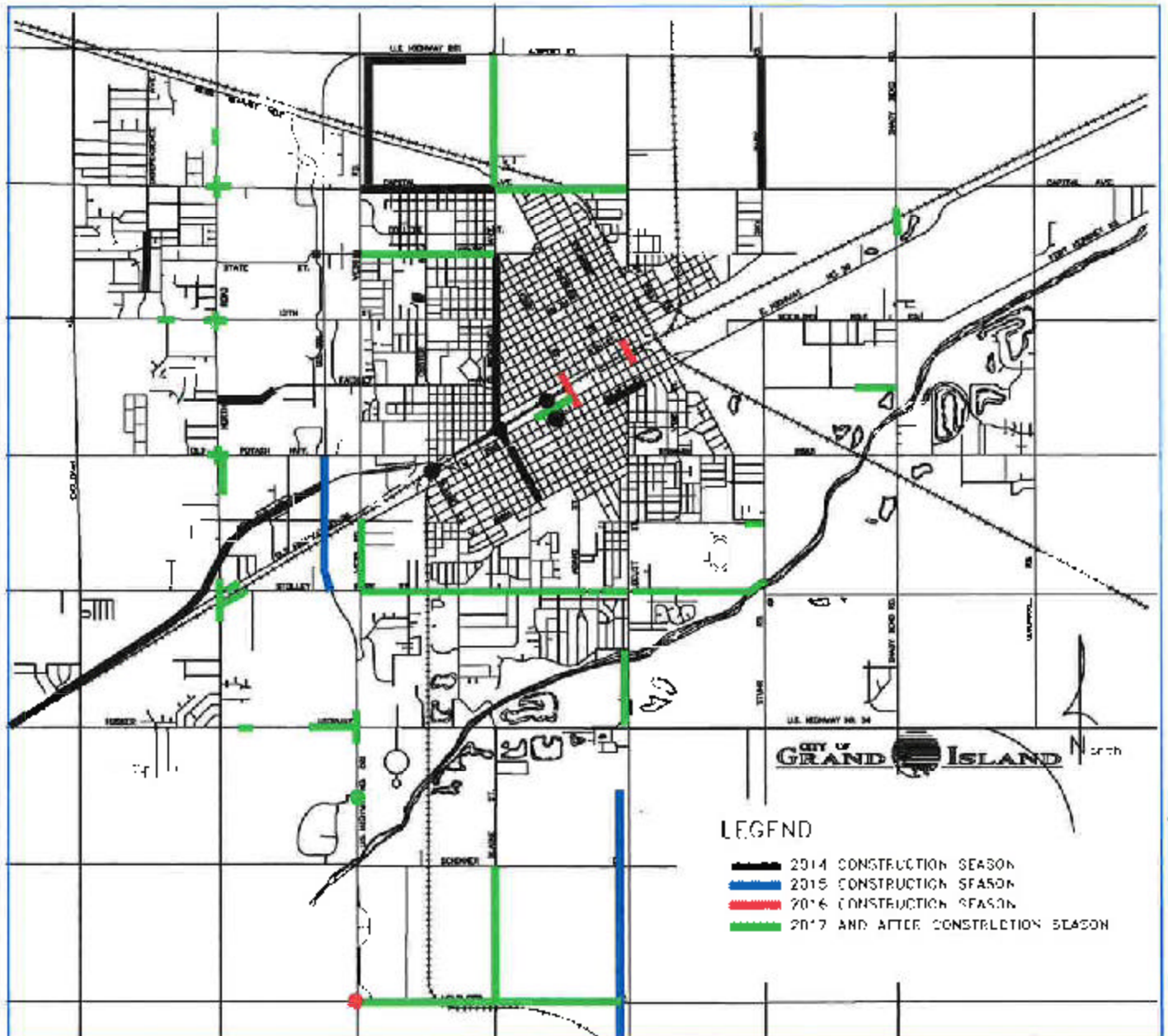
		<b>2016 Construction Season</b>			
	<b>No.</b>	<b>Project Description</b>	<b>Total Project</b>	<b>State Federal Other</b>	<b>City Cap. Impr. Fund</b>
		<b>Street Resurfacing</b>			
M310-	611	Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) Phase III	\$ 500		\$ 500
M310-	618	Eddy Street Underpass Complete Rebuild/Rehab (drainage/pavement) - Phase I	\$ 500		\$ 500
		<b>Street Resurfacing</b>			
M310-	619	Annual Asphalt Resurfacing Project	\$ 750		\$ 750
		<b>Drainage &amp; Flood Control</b>			
M310-	461	Construction of NW GI Flood Control Project	\$ 850	\$ 475	\$ 375
M310-	573	Concrete Lining of Drainage Ditches	\$ 50		\$ 50
M310-	620	Storm Cell Improvements	\$ 10		\$ 10
		<b>Other</b>			
M310-	572	Annual Sidewalk Projects	\$ 25		\$ 25
<b>Totals:</b>			<b>\$ 2,685</b>	<b>\$ 475</b>	<b>\$ 2,210</b>

		<b>2017 and After Construction</b>			
	No.	Project Description	Total Project	State Federal Other	City Cap. Impr. Fund
<b>Street Construction</b>					
M310-	618	Eddy St Underpass Complete Rebuild/Rehab (drainage/pavement) - Phase II & III	\$ 1,000		\$ 1,000
M310-	352	Hwy 30 Relocation - US 281 West	\$ 18,000	\$ 9,000	\$ 9,000
M310-	499A	Broadwell Ave/UPRR - Environmental Study/Preliminary Engineering	\$ 640		\$ 640
M310-	499A	Broadwell Ave/UPRR - Final Design & ROW Appraisal	\$ 128		\$ 128
M310-	499A	Broadwell Ave/UPRR - ROW	\$ 1,000		\$ 1,000
M310-	499	Broadwell Ave/UPRR - Construction	\$ 10,800	\$ 8,640	\$ 2,160
M310-	502	Shady Bend Rd @ UPRR -E Bypass	\$ 16,000	\$ 12,800	\$ 3,200
M310-	520	Capital Ave - Broadwell Ave to St Paul Rd	\$ 1,000		\$ 1,000
M310-	521	Swift Rd - WWTP to Stuhr Rd	\$ 450		\$ 450
M310-	528	State/Diers Intersection Improvements	\$ 390		\$ 390
M310-	533	Husker Hwy W of US Hwy 34/281 Intersection	\$ 1,200		\$ 1,200
M310-	535	Realign Barr Entrance @ Stolley/Adams w/ Signal	\$ 360		\$ 360
M310-	538	Capital Ave & North Rd Intersection Improvement	\$ 360		\$ 360
M310-	539	3rd St Widening - Adams to Eddy	\$ 90		\$ 90
M310-	540	North Rd & 13th St Intersection Improvements	\$ 300		\$ 300
M310-	545	Signal @ US Hwy 34/281 and Rae Rd	\$ 135	\$ 68	\$ 67
M310-	550	Left Turn Lane - North Rd @ NWHS	\$ 56		\$ 56
M310-	551	Stolley Park Rd & North Rd Intersection	\$ 146		\$ 146
M310-	552	Left Turn Lane on Husker Hwy @ HLHS	\$ 62		\$ 62
M310-	553	Left Turn Lane on 13th @ Redwood/Mansfield	\$ 62		\$ 62
M310-	554	Resurface Wildwood from US Hwy 281 to Locust St	\$ 876		\$ 876
M310-	556	North Rd over UPRR	\$ 7,600	\$ 6,080	\$ 1,520
M310-	564	Stolley - Fonner/HEC/Fair Entrance to Stuhr Rd	\$ 920		\$ 920
M310-	574	Misc. Signals - TBD	\$ 112		\$ 112
M310-	583	North Rd & Old Potash Intersection Improvements	\$ 300		\$ 300
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-	586	Broadwell Ave - Capital to Airport Rd	\$ 6,000		\$ 6,000
M310-	587	Webb Rd - UPRR to south of Stolley Park Rd	\$ 7,500		\$ 7,500
M310-	588	Blaine St - Schimmer Dr to Wildwood Dr	\$ 1,000		\$ 1,000
<b>Street Resurfacing</b>					
M310-		Annual Asphalt Resurfacing Project	\$ 750		\$ 750
<b>Drainage &amp; Flood Control</b>					
M310-	511	Moore's Creek - Old Potash to Edna	\$ 150		\$ 150
M310-	576	Misc. Major Drainage Development	\$ 500	\$ 250	\$ 250
M310-	589	Concrete Lining of Drainage Ditches	\$ 50		\$ 50
<b>Other</b>					
M310-	527	Misc. Safety Projects - TBD	\$ 150		\$ 150
M310-	565	Trail along Locust from US Hwy 34 to Stagecoach	\$ 600	\$ 480	\$ 120
M310-	572	Annual Sidewalk Projects	\$ 25		\$ 25
<b>Totals:</b>			<b>\$ 81,212</b>	<b>\$ 39,568</b>	<b>\$ 41,644</b>



2013 CONSTRUCTION SEASON





CITY OF

Grand Island

NEBRASKA

PUBLIC WORKS

# **1 & 6 YEAR STREET IMPROVEMENT PLAN**

**Presented by: John Collins / Terry Brown**



2012 Construction (Year 1) = \$3,445,000

(All costs represent City portion in \$1,000s)

### Street Construction

Capital Avenue Widening - Webb Road to Broadwell - PE	\$64
Husker Highway from US Highway 281 to Locust St	\$120
US Hwy 30 Drainage Improvements	\$459
Quiet Zone - UPRR Corridor - Oak, Pine, Elm & Walnut	\$107
Realign Walnut Ent. @ Custer / 15th St w/ Signal	\$64
Highway 30 Concrete Repair (W of US Hwy 30 to Grant St)	\$424
Misc Federal Aid Resurfacing - Various Locations	\$77
Broadwell Avenue Shoulder Improvement @ BNSF	\$40

### Street Resurfacing

Annual Asphalt Resurfacing Project	\$750
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2012 Construction (Year 1) = \$3,445,000 [cont.]

(All costs represent City portion in \$1,000s)

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### Drainage & Flood Control

Wood River/Blaine Bridge - Design	\$30
Southwest Drainage Project (CCC to Wood River)	\$500
Construction of NW GI Flood Control Project	\$375
Concrete Lining of Drainage Ditches	\$50
Highway 281 Drainage Project - Phase I	\$125
Storm Cell Improvements	\$10

### Other

Trail along Moores Creek Drain - State to Capital Connector	\$100
Annual Sidewalk Projects	\$25
Third & Wheeler Downtown Historical Lighting Project	\$0
Annual Handicap Ramp Installation Project	\$125

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<b>City's Grand Total:</b>	<b>\$3,445</b>
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2013 Construction (Year 2) = \$4,416,000

(All costs represent City portion in \$1,000s)

### Street Construction

Capital Ave Widening - Webb Road to Broadwell - PE/ROW	\$62
Blaine St bridges over Wood River	\$100
Airport Rd & Sky Park Rd Intersection Improvements	\$60
Misc Federal Aid Resurfacing - Various Locations	\$602

### Street Resurfacing

Annual Paving Program (Assessment Districts)-W Stolley Park Rd & Westwood Park Sub	\$920
Sky Park Improvements - Airport Rd to Abbott Rd	\$700
Annual Asphalt Resurfacing Project	\$750

2013 Construction (Year 2) = \$4,416,000 [cont.]

(All costs represent City portion in \$1,000s)

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### Drainage & Flood Control

Construction of NW GI Flood Control Project	\$375
PVIP Drainage Project - Phase I (Design)	\$80
Independence Avenue Drainage - Design	\$80
Independence - Construct Culverts & Fill in West Ditch	\$350
Concrete Lining of Drainage Ditches	\$50
Integrated Comprehensive Drainage Plan	\$80
Update Moores Creek Drainage Plan	\$39
Storm Cell Improvements	\$10
Highway 281 Drainage Project - Phase II	\$125

### Other

Annual Sidewalk Projects	\$25
Trail along Broadwell Ave - Capital Ave to Eagle Scout Park - PE	\$8

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**City's Grand Total: \$4,416**

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2014 Construction (Year 3) = \$6,221,000

(All costs represent City portion in \$1,000s)

### Street Construction

Capital Ave Widening - Webb Rd to Broadwell Ave	\$759
Faidley Avenue - North Rd east to Irongate Ave (approx. 2,000')	\$700
Quiet Zone - UPRR Corridor - Lincoln, Broadwell & Blaine/Custer	\$430
Signal @ US Hwy 30 (2nd Street) and Lincoln Ave	\$55
Highway 281 Southbound Repair	\$100
US Highway 30 Resurfacing - West City Limits to Highway 281	\$200
Webb Rd & State St Intersection (Geometrics)	\$50
Diers Ave & State Street / US Hwy 281 - Design (Geometrics)	\$100
Locust St & Anna St (Geometrics)	\$75
Sky Park Road Improvements (Capital Ave to Airport Rd)	\$800
Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) - Phase I	\$500

2014 Construction (Year 3) = \$6,221,000 [cont.]

(All costs represent City portion in \$1,000s)

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**Street Resurfacing**

Annual Asphalt Resurfacing Project	\$750
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**Drainage & Flood Control**

Construction of NW GI Flood Control Project	\$375
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Concrete Lining of Drainage Ditches	\$50
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Highway 281 Drainage Project - Phase III	\$125
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Storm Cell Improvements	\$10
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Comprehensive Drainage Plan	\$125
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PVIP Drainage Project - Phase II	\$750
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**Other**

Highway 281 Safety Enhancement Improvement Project	\$200
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Trail along Broadwell Ave - Capital Ave to Eagle Scout Lake	\$42
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Annual Sidewalk Projects	\$25
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**City's Grand Total: \$6,221**

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2015 Construction (Year 4) = \$2,274,000

(All costs represent City portion in \$1,000s)

### **Street Construction**

Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) - Phase II	\$500
Signal @ US Highway 34/281 and Wildwood Rd	\$150

### **Street Resurfacing**

Annual Asphalt Resurfacing Project	\$750
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### **Drainage & Flood Control**

Construction of NW GI Flood Control Project	\$375
Concrete Lining of Drainage Ditches	\$50
Storm Cell Improvements	\$10

### **Other**

Lighting on US Highway 281 from Stolley Park Rd to Old Potash Hwy	\$250
Trail along Broadwell Ave - Capital Ave to Eagle Scout Lake	\$164
Annual Sidewalk Projects	\$25

**City's Grand Total: \$2,274**

2016 Construction (Year 5) = \$2,210,000

(All costs represent City portion in \$1,000s)

### **Street Construction**

Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) Phase III	\$500
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Eddy Street Underpass Complete Rebuild/Rehab (drainage/pavement) - Phase I	\$500
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### **Street Resurfacing**

Annual Asphalt Resurfacing Project	\$750
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### **Drainage & Flood Control**

Construction of NW GI Flood Control Project	\$375
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Concrete Lining of Drainage Ditches	\$50
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Storm Cell Improvements	\$10
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### **Other**

Annual Sidewalk Projects	\$25
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**City's Grand Total: \$2,210**

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2017 Construction (Year 6) = \$41,644,000

(All costs represent City portion in \$1,000s)

### Street Construction

Eddy St Underpass Complete Rebuild/Rehab (drainage/pavement) - Phase II & III	\$1,000
Hwy 30 Relocation - US 281 West	\$9,000
Broadwell Ave/UPRR - Environmental Study/Preliminary Engineering	\$640
Broadwell Ave/UPRR - Final Design & ROW Appraisal	\$128
Broadwell Ave/UPRR - ROW	\$1,000
Broadwell Ave/UPRR - Construction	\$2,160
Shady Bend Rd @ UPRR -E Bypass	\$3,200
Capital Ave - Broadwell Ave to St Paul Rd	\$1,000
Swift Rd - WWTP to Stuhr Rd	\$450
State/Diers Intersection Improvements	\$390
Husker Hwy W of US Hwy 34/281 Intersection	\$1,200



## 2017 Construction (Year 6) = \$41,644,000 [cont.]

(All costs represent City portion in \$1,000s)

Realign Barr Entrance @ Stolley/Adams w/ Signal	\$360
Capital Ave & North Rd Intersection Improvement	\$360
3rd St Widening - Adams to Eddy	\$90
North Rd & 13th St Intersection Improvements	\$300
Signal @ US Hwy 34/281 and Rae Rd	\$67
Left Turn Lane - North Rd @ NWHS	\$56
Stolley Park Rd & North Rd Intersection	\$146
Left Turn Lane on Husker Hwy @ HLHS	\$62
Left Turn Lane on 13th @ Redwood/Mansfield	\$62
Resurface Wildwood from US Hwy 281 to Locust St	\$876
North Rd over UPRR	\$1,520
Stolley - Fonner/HEC/Fair Entrance to Stuhr Rd	\$920
Misc. Signals - TBD	\$112



## 2017 Construction (Year 6) = \$41,644,000 [cont.]

(All costs represent City portion in \$1,000s)

North Rd & Old Potash Intersection Improvements	\$300
Stolley Park Rd - Locust St to Webb Rd Safety Improvement	\$100
State Street - Webb Rd to Broadwell Ave Safety Improvement	\$150
Broadwell Ave - Capital to Airport Rd	\$6,000
Webb Rd - UPRR to south of Stolley Park Rd	\$7,500
Blaine St - Schimmer Dr to Wildwood Dr	\$1,000

### **Street Resurfacing**

Annual Asphalt Resurfacing Project	\$750
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### **Drainage & Flood Control**

Moore's Creek - Old Potash to Edna	\$150
Misc. Major Drainage Development	\$250
Concrete Lining of Drainage Ditches	\$50

2017 Construction (Year 6) = \$41,644,000 [cont.]

(All costs represent City portion in \$1,000s)

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**Other**

Misc. Safety Projects - TBD	\$150
Trail along Locust from US Hwy 34 to Stagecoach	\$120
Annual Sidewalk Projects	\$25

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<b>City's Grand Total: \$</b>	<b>41,644</b>
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