



City of Grand Island

Tuesday, December 12, 2017

Council Session

Item E-3

Public Hearing on One & Six Year Street Improvement Plan

Council action will take place under Resolution item I-1.

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Shannon Callahan, Street Superintendent

Meeting: December 12, 2017

Subject: Approval of the One & Six Year Street Improvement Plan

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

Background

The One & Six Year Street Improvement Plan consists of the transportation projects in the Capital Improvement Program and is mandatory by State Law as part of the requirements to receive approximately five 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 City engages in a public process to ensure public input into the policy making process. The proposed One & Six Year Street Improvement Plan is a result of the following steps:

- Wednesday, December 6, 2017 – Regional Planning Commission conducted a Public Hearing and forwarded the recommendation to the City Council
- Tuesday, December 12, 2016 – City Council considers a Resolution adopting the plan
- March 1, 2016 – One & Six Year Street Improvement Plan due at the Nebraska Department of Transportation

Discussion

A Public Hearing was conducted with testimony received and discussion held on the One & Six Year Street Improvement Plan at the Grand Island/Hall County Regional Planning Commission meeting on December 6, 2017. The commission forwarded the One & Six Year Street Improvement Plan to the City Council with a recommendation for approval.

The projects listed in the One & Six Year Plan for calendar year 2018 are considered definite projects. These projects were in the approved fiscal year 2018 budget. Many of the projects listed in the One & Six Year Plan for 2019 through 2023 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

City Administration recommends that the Council approve the One & Six Year Street Improvement Plan.

Sample Motion

Move to approve the One & Six Year Street Improvement Plan.

1 & 6 YEAR STREET IMPROVEMENT PLAN 2018

Presented by: John Collins, PE

2017 SUBSTANTIALLY COMPLETE PROJECTS (FROM 1 & 6 STREET IMPROVEMENT PLAN)

PROJECT	TOTAL PROJECT
Broadwell - US Hwy 281 to End Concrete Reconstruction	\$ 1,800,000
4th & 5th Street CDBG	\$ 907,845
Sterling Estates Paving District No. 1262	\$ 186,425
Adams St Widening & Roundabout	\$ 1,022,869
Stolley Park & Adams Traffic Signal Installation	\$ 100,000
Asphalt Resurfacing, 2017-AC-1	\$ 975,820
TOTAL	\$ 4,992,959

****DOES NOT INCLUDE ALL CIP PROJECTS**

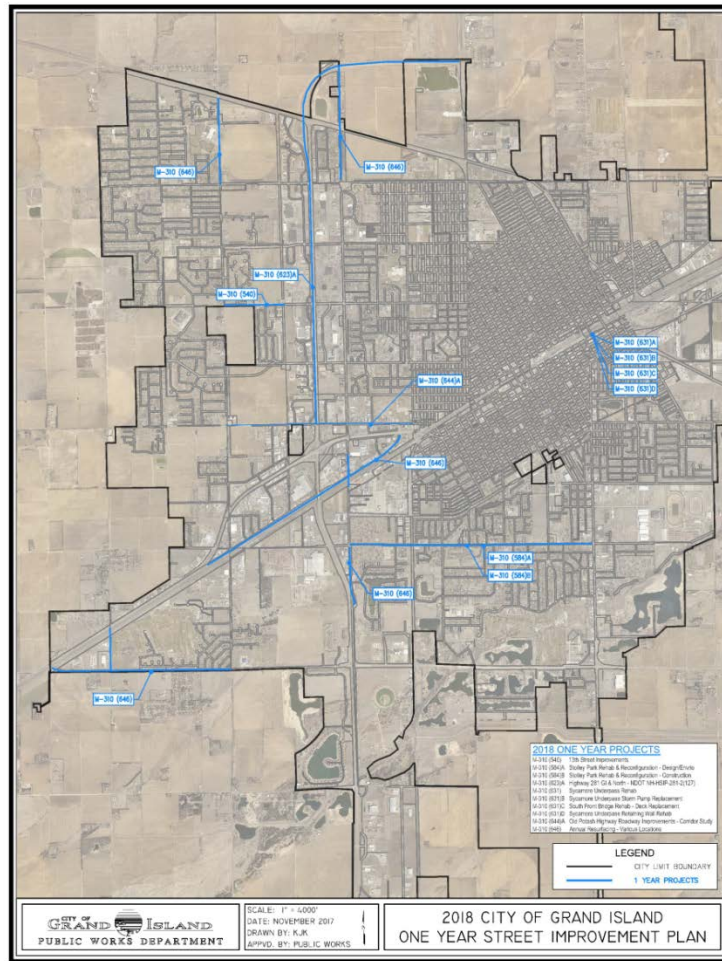
1 & 6 YEAR STREET IMPROVEMENT PLAN

(NOTES CITY COSTS)

	2018	2019	2020	2021	2022	2023
OBLIGATED TO OTHER AGENCIES						
Hwy 281 in GI & North [\$10,800,000 total project cost]	\$ -					
Stolley Park Rd Rehabilitation / Reconfiguration	\$ 285,400					
Five Points Intersection Improvements				\$ 350,000		
Hwy 30 Realignment, S-30-4(1046) - City Share Est. \$10M					\$ 2,400,000	
Hwy 2 Resurfacing NDOR, NH-2-4(112) - City Share Est. \$600K					\$ 600,000	
Hwy 30 Bridges NDOT, NH-30-4(162) - No City Share						\$ -
RECONSTRUCTION/NEW CONSTRUCTION						
Asphalt Resurfacing (annual)	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000
Jay St Paving District		\$ 200,000				
Hwy 281 St Lighting - Stolley Park to Hwy 30 Interchange		\$ 95,000				
Sycamore Underpass Rehabilitation – Design	\$ 80,000					
Sycamore Underpass Storm Pump Replacement	\$ 60,000					
Sycamore Underpass Rehab - S Front St Bridge Deck Replacement	\$ 800,000					
Sycamore Underpass Rehab - Retaining Wall Rehab	\$ 800,000					
Old Potash Improvements - Claude to Custer	\$ 150,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
13th St Improvements - North Rd to Diers Ave	\$ 1,945,775					
Husker Hwy Improvements- Prairieview to Hwy 281		\$ -				
Jefferson Street Realignment		\$ -				
TOTAL	\$ 5,021,175	\$ 3,195,000	\$ 2,900,000	\$ 3,250,000	\$ 5,900,000	\$ 2,900,000

Hwy 281 in GI & North City share was paid in FY 16/17 (\$2,928,665.07)

~~***DOES NOT INCLUDE ALL CITY SHARE COSTS***~~

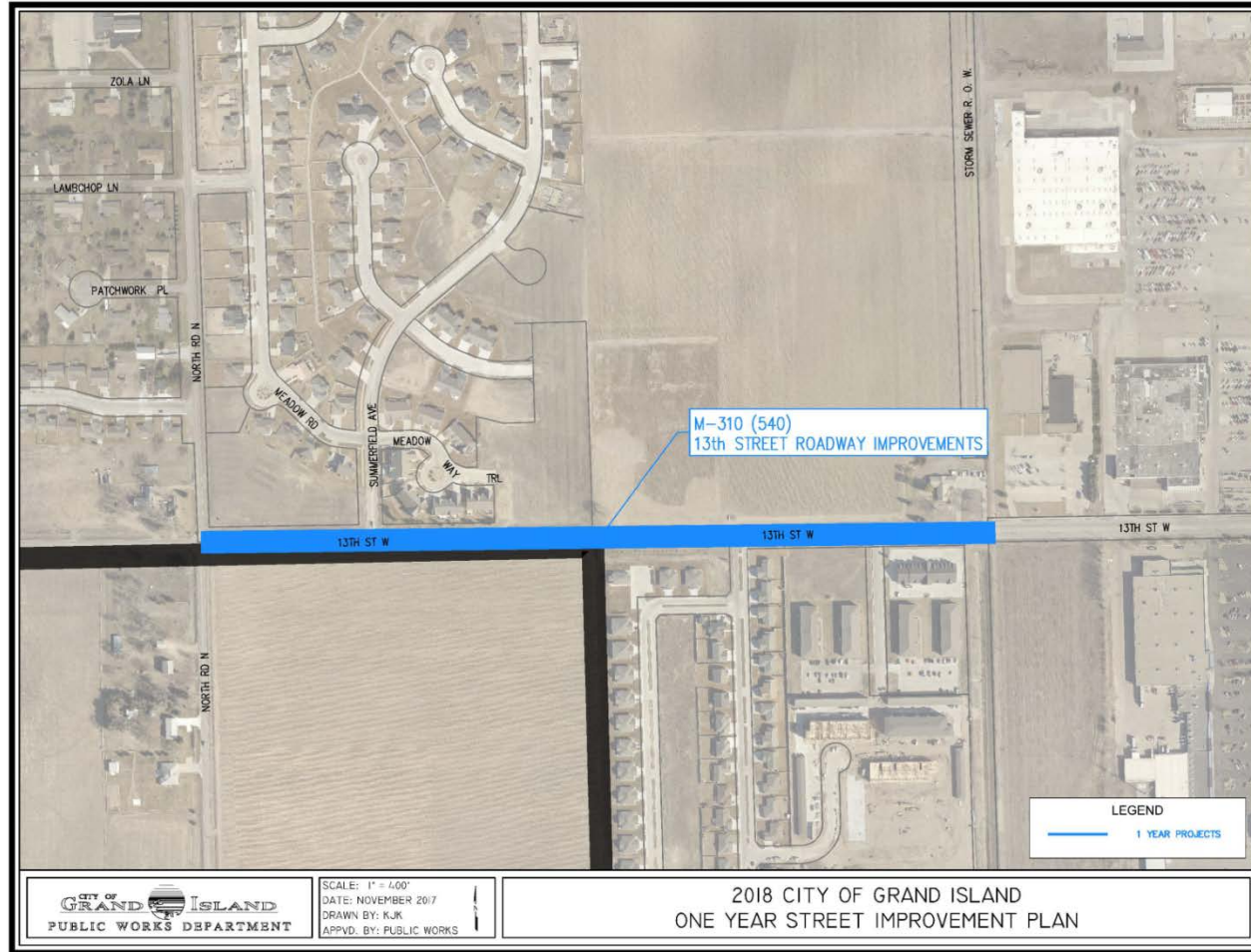


2018 ONE YEAR PROJECTS MAP

13 STREET IMPROVEMENTS

M-310 (540)

- Drainage & traffic flow to accommodate the Emergency Center and Fire Station No. 4
- 13th Street and North Road intersection
- Enhanced pedestrian access with sidewalk and drainage additions



STOLLEY PARK ROAD RECONFIGURATION M-310 (584)

- Restriping for new lane designations
- Pavement repairs and diamond grinding for improving pavement structure and ride quality



SYCAMORE UNDERPASS REHAB

M-310 (631)

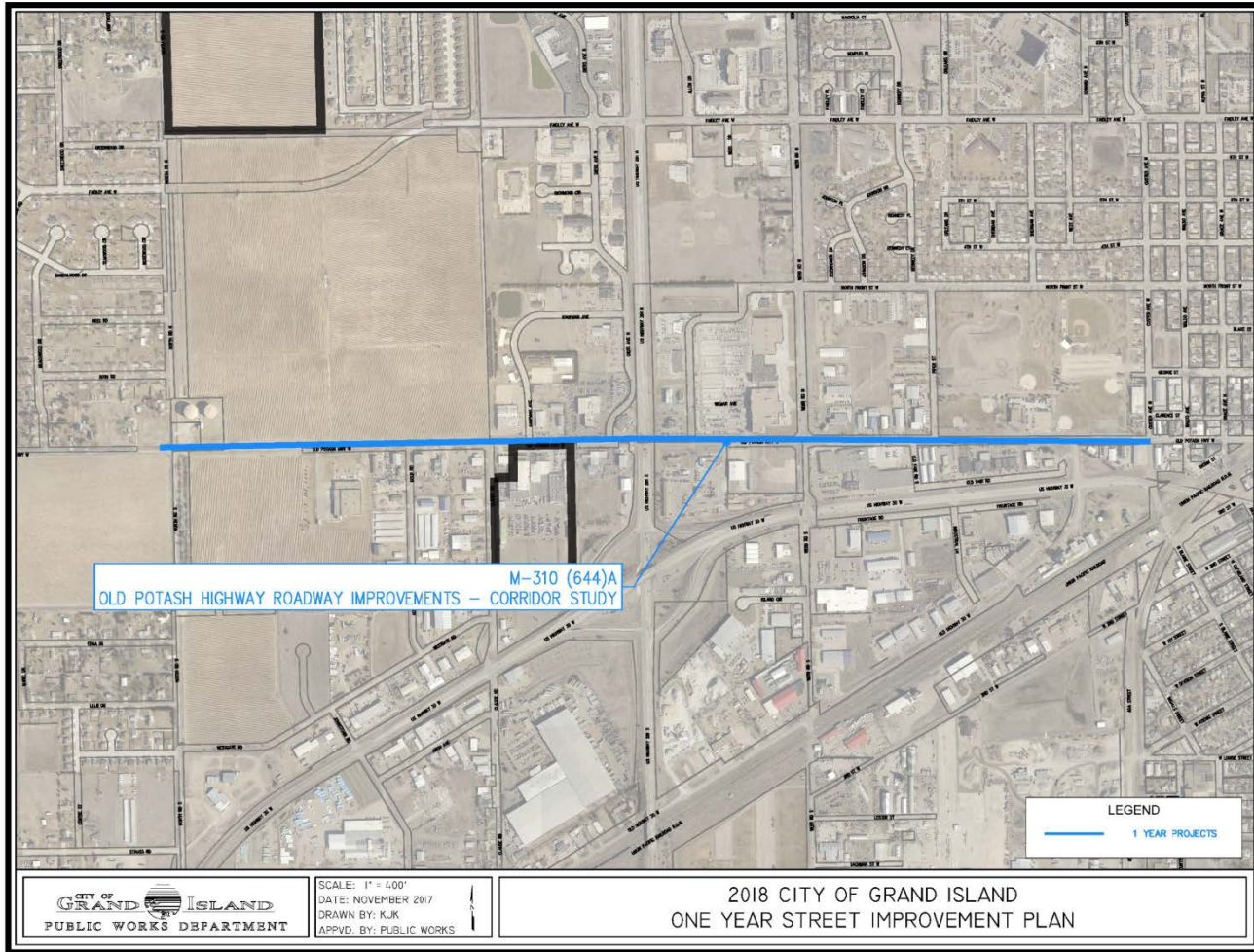
- Replace bridge deck and abutment, patch and seal abutment walls, seal retaining walls, add drainage, and reconstruct pumps
- Complete design of bridge deck and retaining walls
- Construction in 2018 with completion in 2019



OLD POTASH HIGHWAY IMPROVEMENTS

M-310 (644)

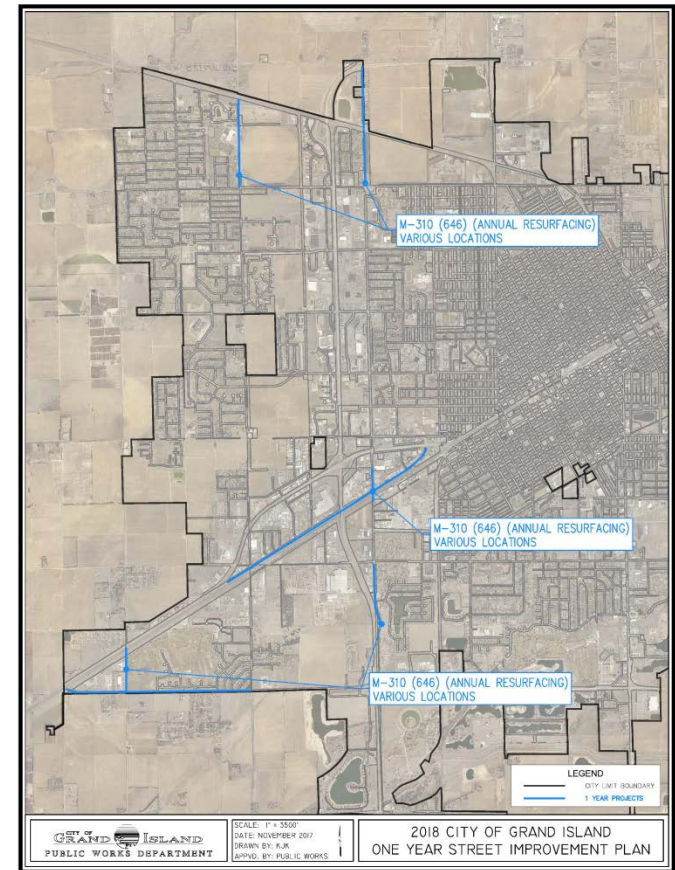
- Interaction between various traffic features is complex, so it is necessary to create a master plan for the corridor to ensure that the individual street and intersection projects will function together
- Anticipated projects include widening and reconfiguring Old Potash, signal and geometric improvements at each intersection, and improvements north and south of the project corridor

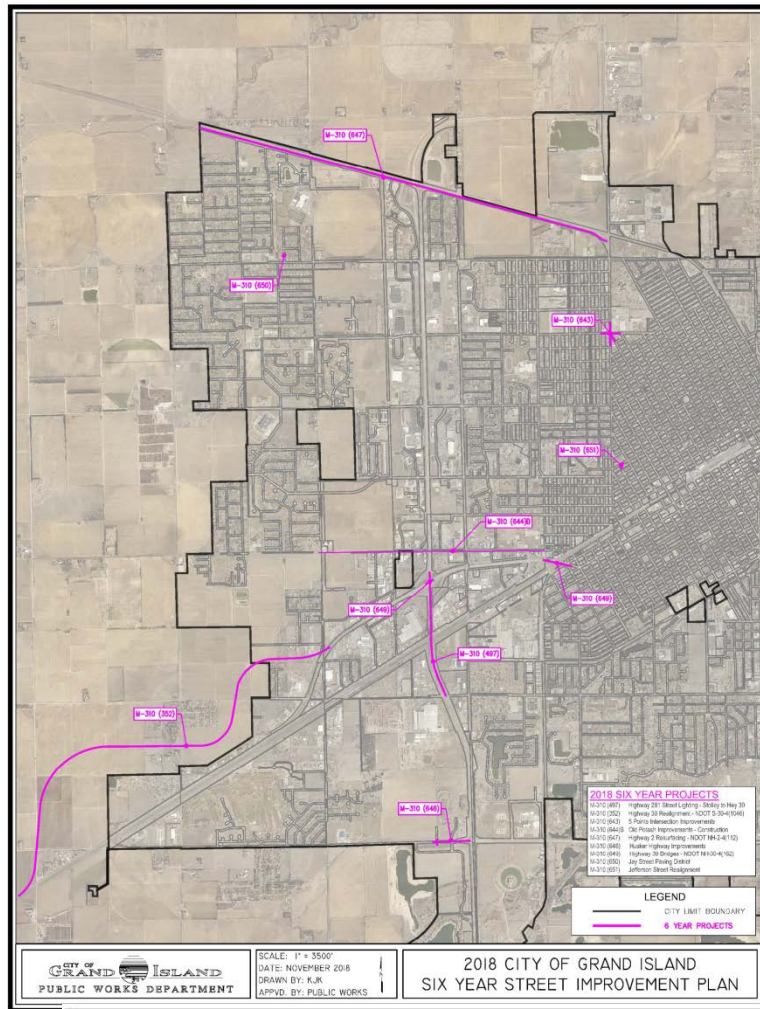


LOCAL RESURFACING M-310 (646)

- North Road; Capital to Highway 2
- North Road; State to Capital
- Old Highway 30
- Husker Highway; Highway 30 to North
- Engleman Road; Husker to Highway 30
- Webb Road; 2nd to Island Circle
- Webb Road; Woodridge to Stolley Park
- Webb Road; Capital to Airport

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2019 – 2023 YEAR PROJECTS MAP



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

December 7, 2017

Honorable Jeremy L. Jensen, Mayor
And Members of the Council
City Hall 100 E. 1st 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 December 6, 2017, 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.

Grand Island Public Works Director John Collins detailed the street improvements that were substantially completed over the current year. He then displayed a spreadsheet listing the proposed projects for the next six years. Collins said upgrades to the Five Points intersection and work on the Sycamore Street underpass are of note. Upgrades to 13th Street have been moved up to the 2018-19 fiscal year due to the proposed relocation of a fire station at 13th and North Road. Other projects in the next year include reconfiguring Stolley Park, raising the clearance from 13 feet to 16 feet and improving drainage on the Sycamore Street underpass, widening and improving Old Potash Highway on either side of Highway 281, and the standard local resurfacing projects. Collins then displayed a map of the projects for 2019-2023.

Ruge and Allan asked about state funding, design and timeline for the Highway 30 realignment, which Collins said is on tap for 2022. Ruge expressed concern that the Old Potash work needed to extend further west to Engleman Road. Collins said that area is under study but will likely be addressed in a separate project. Ruge said 13th Street and the North Road area needs more upgrades than those planned. Collins said 13th Street does have a lot of traffic. He said morning and evening commute traffic causes more delays on 13th than traffic from Westridge Middle School, although the school does create traffic congestion issues. Collins would like to see those addressed in the next six years – as well as improving all the intersections along North Road. Kjar asked about a traffic signal at 13th and North to accommodate the proposed fire station and 911 center there. Collins said a roundabout would work better for the next 20 years. A signal would require turning lanes.

O'Neill closed the public hearing.

A motion was made by Ruge and seconded by Kjar to recommend approval of the Grand Island One and Six Year Street Improvement Plan.

The motion carried with nine members in favor (Apfel, Allan, O'Neill, Ruge, Maurer, Robb, Monter, Rubio and Kjar) and no members voting no or abstaining.

Yours truly,

A handwritten signature in black ink, appearing to read 'Chad Nabity', with a long horizontal flourish extending to the right.

Chad Nabity AICP
Planning Director