



City of Grand Island

Tuesday, February 11, 2014

Council Session

Item E-4

Public Hearing on the One & Six Year Street Improvement Plan

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

Council Agenda Memo

From: Shannon Callahan, Street Superintendent

Meeting: February 11, 2014

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

Item #'s: E-4 & I-2

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 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 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, February 5, 2014 – Regional Planning Commission conducted a Public Hearing and forwarded the recommendation to the City Council
- Tuesday, February 11, 2014 – City Council hears presentation from Staff, conducts Public Hearing and passes a Resolution adopting the plan
- March 1, 2014 – One & Six Year Street Improvement Plan 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 Plan at the Grand Island/Hall County Regional Planning Commission meeting on February 5, 2014. 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 2014 are considered definite projects. These projects were in the approved fiscal year 2014 budget. Many of the projects listed in the One & Six Year Plan for 2015 through 2019 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:

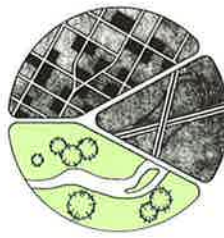
1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council conduct a Public Hearing and approve the One & Six Year Street Improvement Plan.

Sample Motion

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



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

February 6, 2013

Honorable Jay Vavricek, 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 February 5, 2014, 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.

John Collins, Public Works Director, discussed the Grand Island 1 & 6 Year Street Improvement Plan.

Collins briefed members on: 2014 Projects, which included street construction, street resurfacing, drainage & flood control and other projects.

A motion was made by McCarty 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 7 members present and all voting in favor (McCarty, O'Neill, Vincent, Haskins, Bredthauer, Heckman and Reynolds) and no member present voting against.

Yours truly,

Chad Nabity AICP
Planning Director

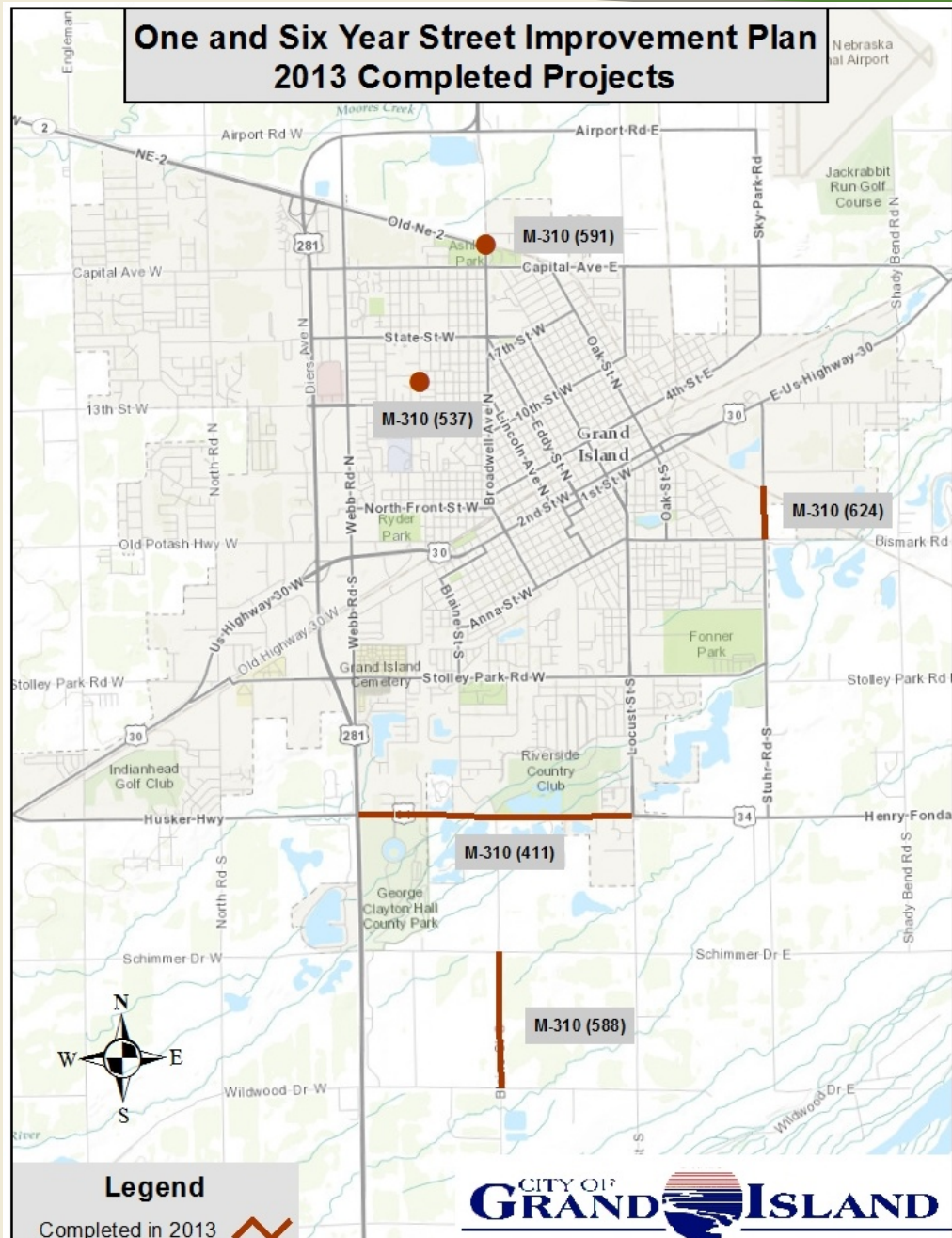
**1 & 6 YEAR STREET
IMPROVEMENT PLAN
Presented by: John Collins**

2013 COMPLETED PROJECTS

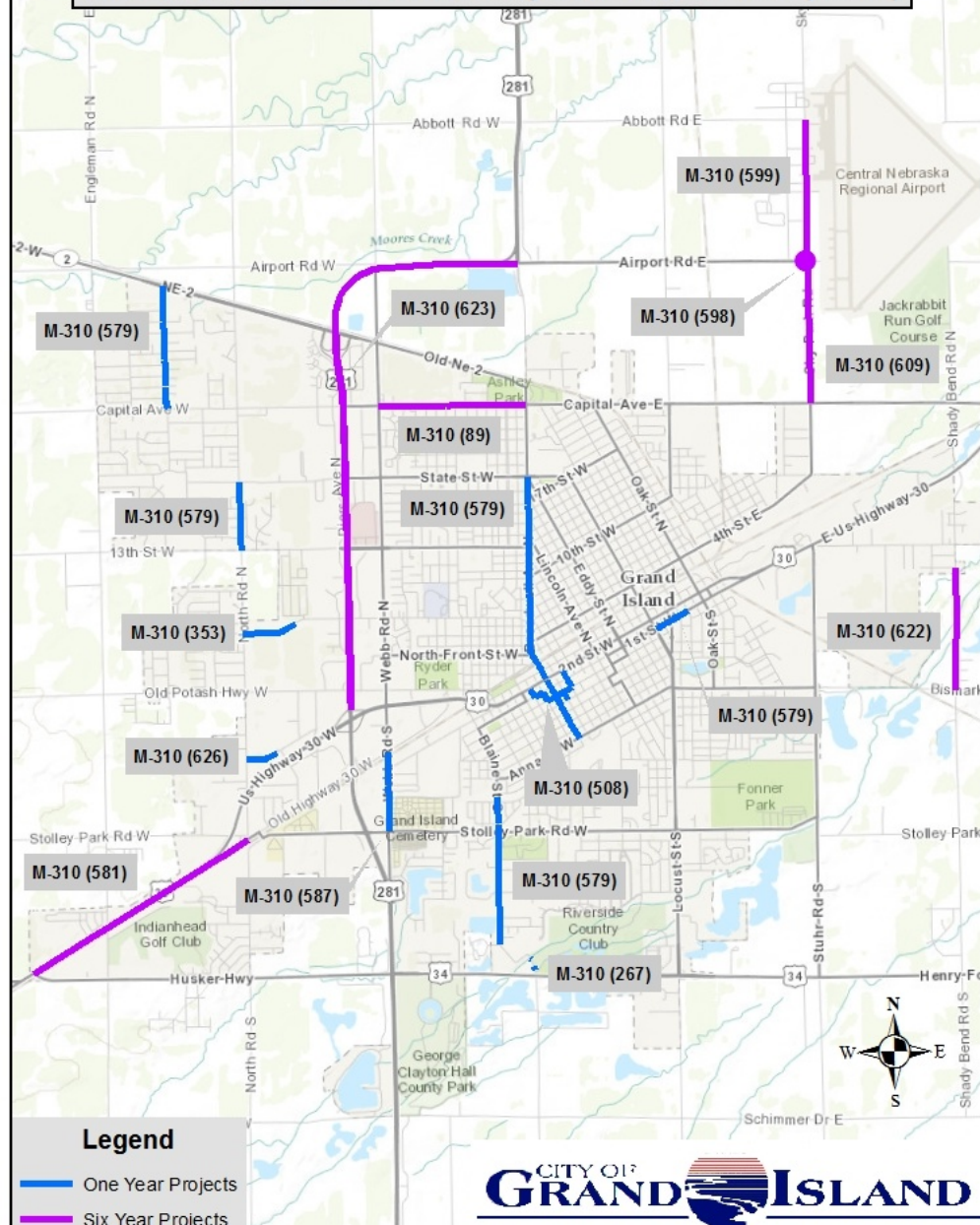
(FROM 1 & 6 STREET IMPROVEMENT PLAN)

PROJECT	TOTAL PROJECT	CITY COST
Husker Highway from US Highway 281 to Locust St [NDOR project]	\$ 2,794,000.00	\$ 146,058.00
Realign Walnut Ent. @ Custer / 15th St w/ Signal [Safe Routes to School Federal Aid project]	\$ 513,000.00	\$ 162,558.91
Blaine St Paving; Wildwood Drive to Schimmer Drive [LB840 funding]	\$ 640,000.00	\$ -
Broadwell Avenue Shoulder Improvement @ BNSFRR	\$ 78,000.00	\$ 78,000.00
Stuhr Road Paving; Bismark Rd to BNSFRR	\$ 404,000.00	\$ 404,000.00
TOTAL	\$ 4,429,000.00	\$ 790,616.91

**DOES NOT INCLUDE ALL CIP PROJECTS



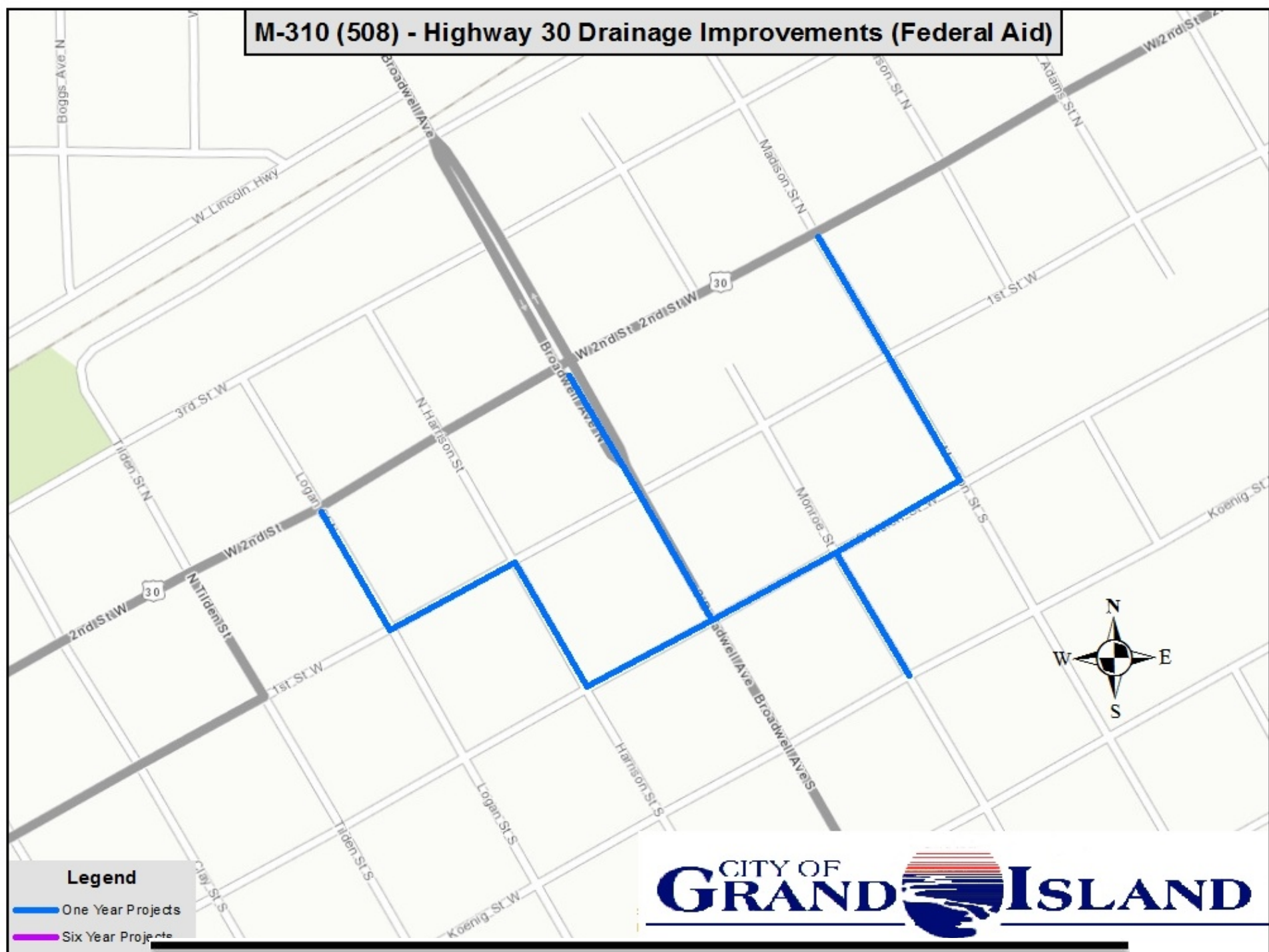
One and Six Year Street Improvement Plan (2014)



US HIGHWAY 30 DRAINAGE IMPROVEMENTS

- Construct storm sewer to the detention cell at the former location of the Wasmer Elementary School from connections on Second St at Logan St, Broadwell Ave, and Madison St
- Improvements will significantly reduce the likelihood of flooding during storm events on Second St
- Other benefits include reconstruction of sidewalk ramps to American with Disabilities Act standards, construction of new concrete pavement, and relief for storm sewer draining Third St north of the project area

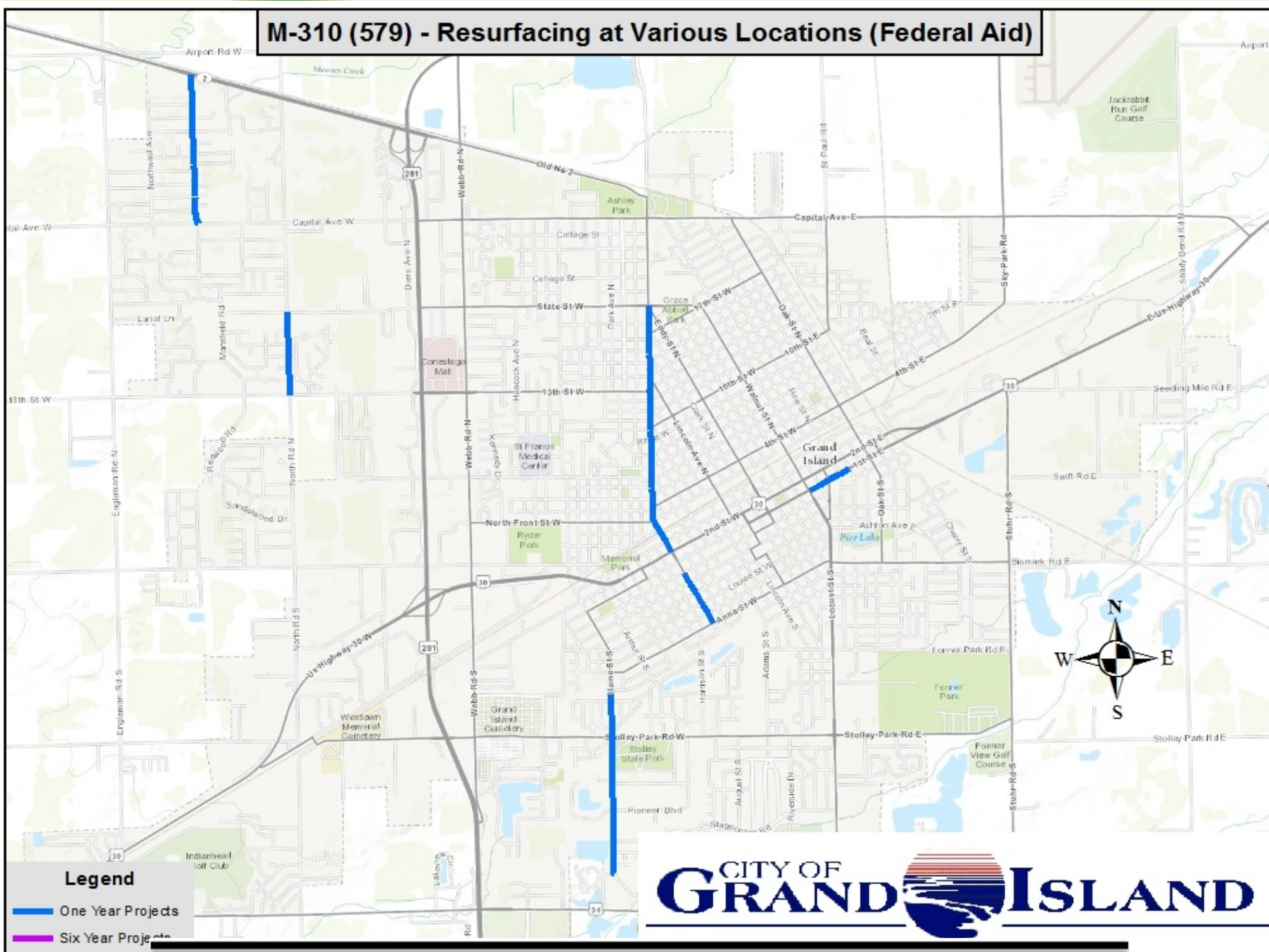
M-310 (508) - Highway 30 Drainage Improvements (Federal Aid)



FEDERAL AID RESURFACING – VARIOUS LOCATIONS

- Consists of upgrades/maintenance to existing asphalt streets
- The project will improve approximately 4.6 miles of city streets and is planned at the following locations
 - Blaine Street – Garland Street to Beltline Trail
 - First Street – Walnut Street to Sycamore Street
 - North Road – 13th Street to State Street
 - Independence Avenue – Capital Avenue to Nebraska Highway 2
 - Broadwell Avenue – Anna Street to State Street

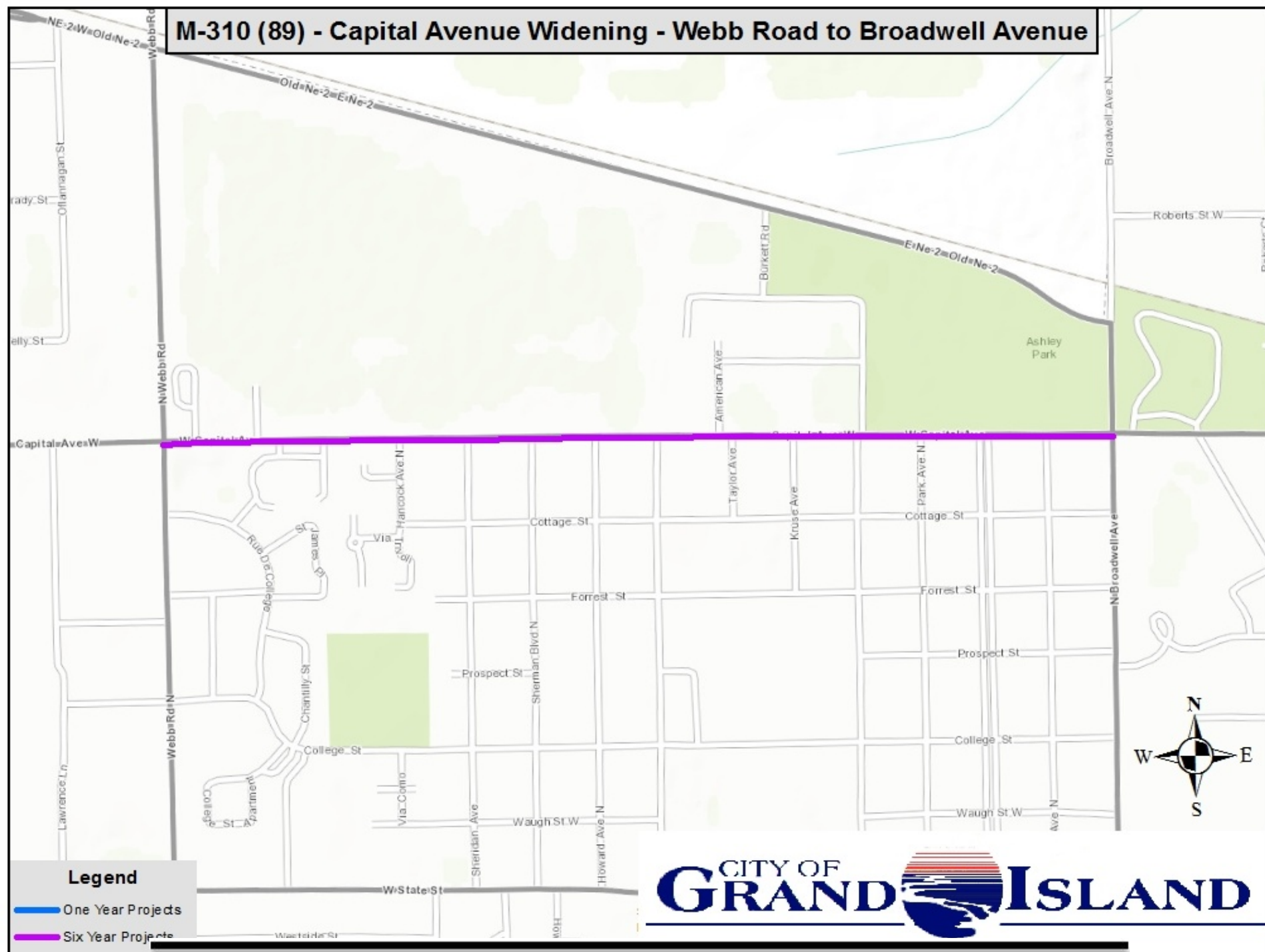
M-310 (579) - Resurfacing at Various Locations (Federal Aid)



CAPITAL AVENUE WIDENING – WEBB TO BROADWELL

- This proposed project consists of removal of the existing 24' wide asphalt roadway and construction of new concrete pavement. The new roadway will consist of back-to-back curbed concrete pavement to accommodate a five lane roadway (four through lanes and a common turning lane).
- Accommodation for traffic volumes and enhance motorist and pedestrian safety. Reconstruction will address the deterioration of the existing pavement, and widening of the roadway will improve safety.

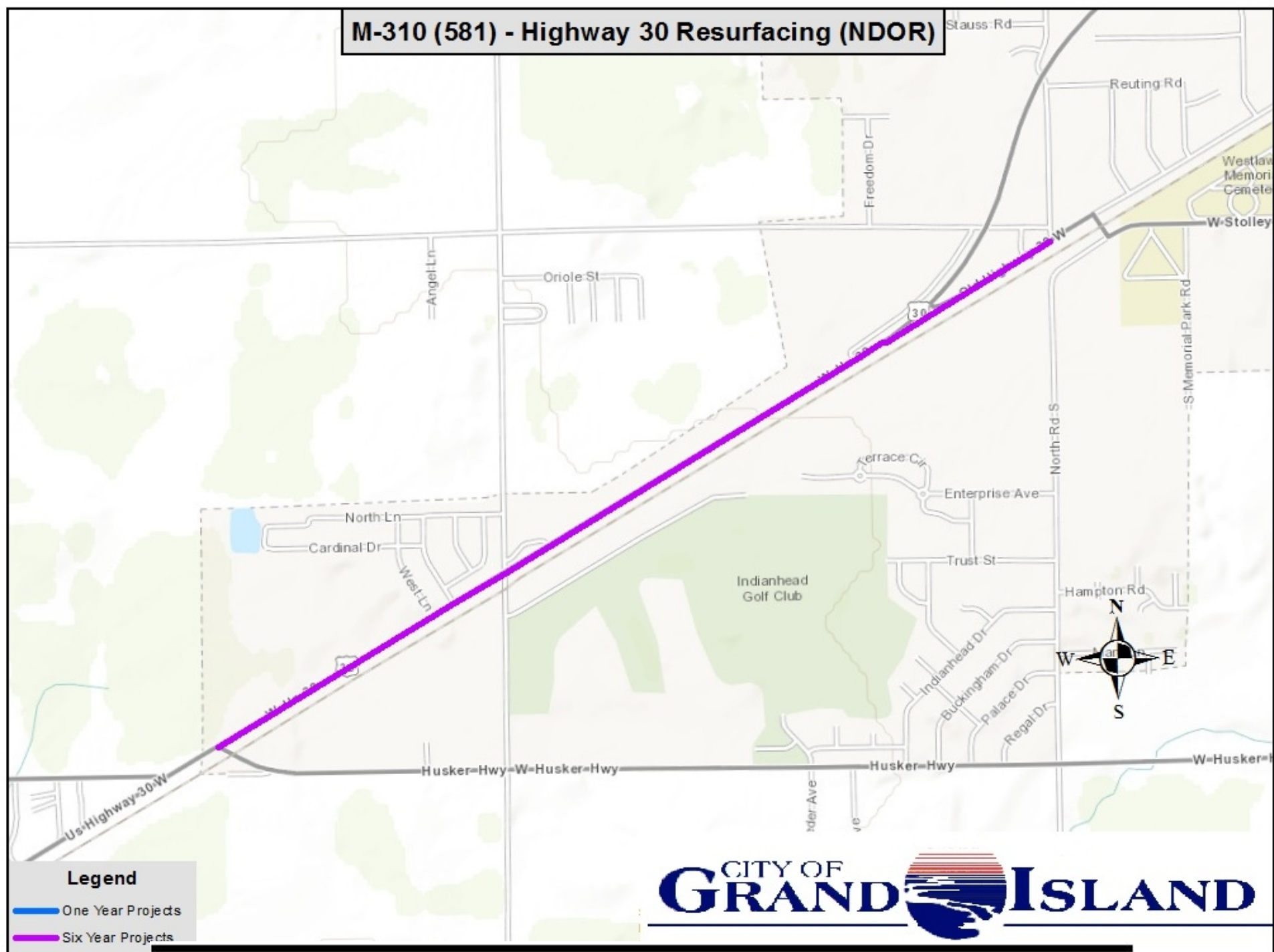
M-310 (89) - Capital Avenue Widening - Webb Road to Broadwell Avenue



HIGHWAY 30 RESURFACING

- 🌊 Roadway asphalt resurfacing from Wood River to Grand Island
- 🌊 NDOR project with City participation

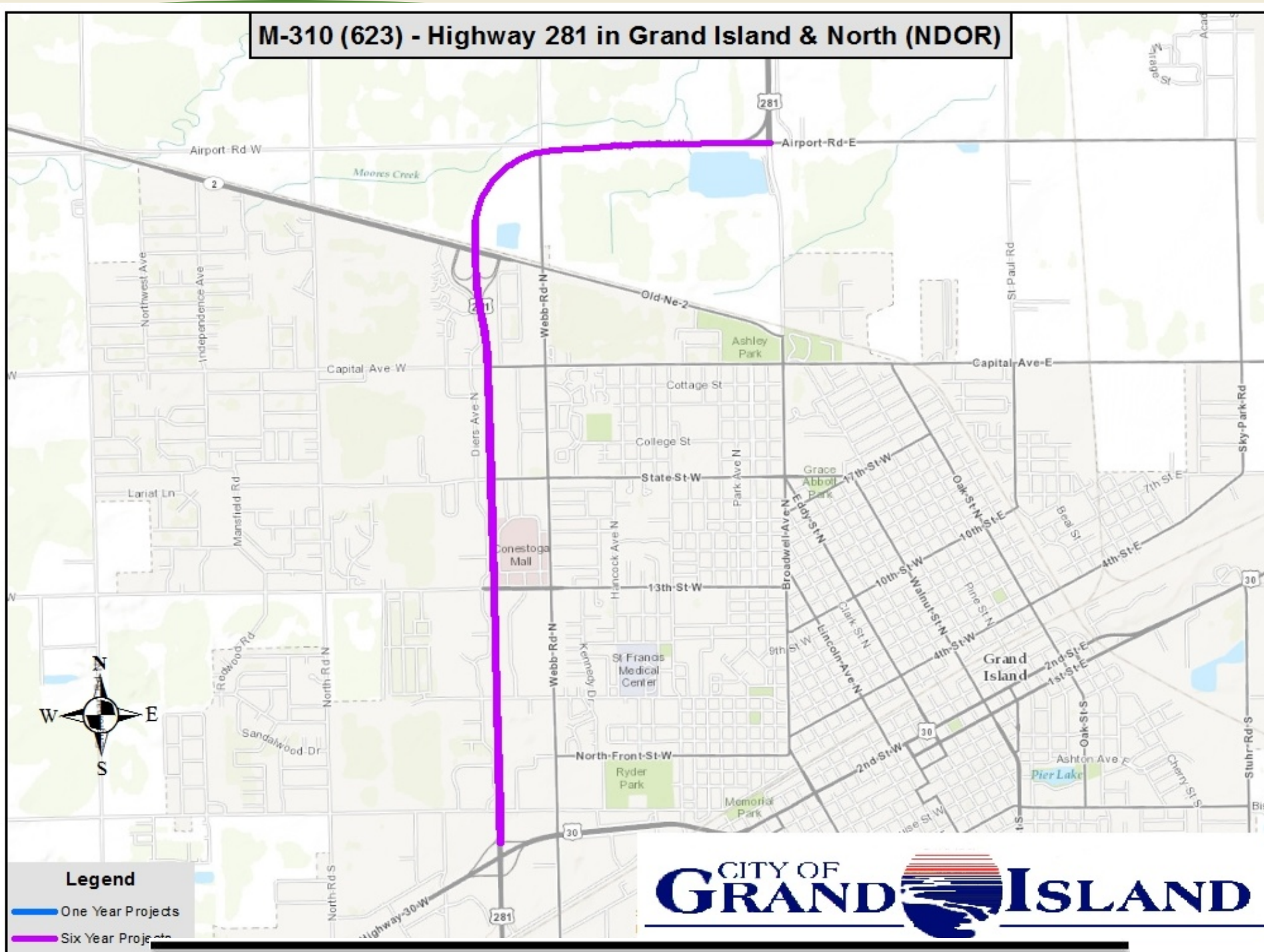
M-310 (581) - Highway 30 Resurfacing (NDOR)



HIGHWAY 281 IN GI & NORTH

- Full depth concrete repair and resurfacing
- NDOR project with City participation

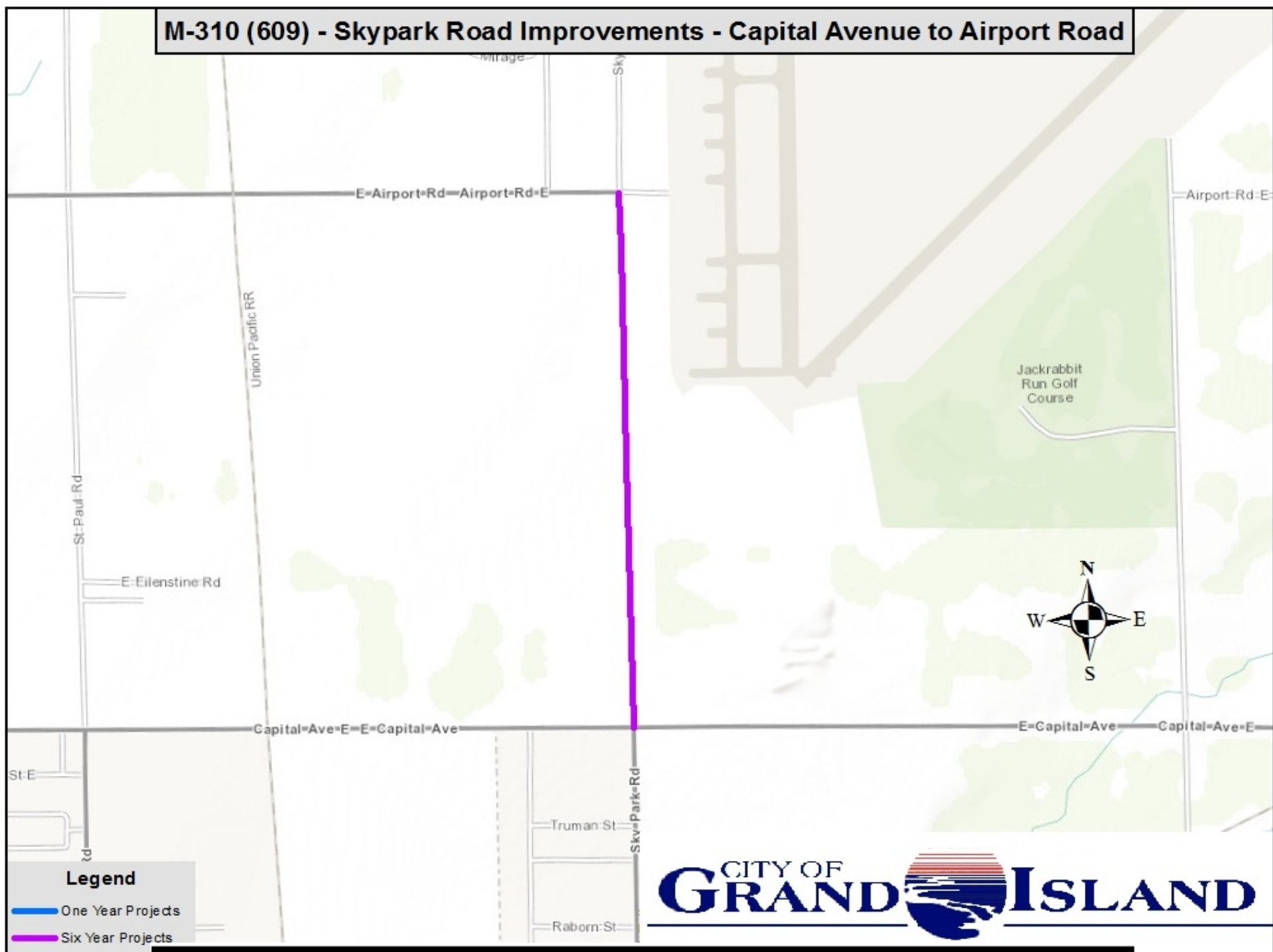
M-310 (623) - Highway 281 in Grand Island & North (NDOR)



SKYPARK IMPROVEMENTS – CAPITAL AVE TO AIRPORT RD

- 🌊 Part 1 of a two section objective
- 🌊 Improve road as a gateway into the City from the Airport
- 🌊 This may also serve as an alternate truck route

M-310 (609) - Skypark Road Improvements - Capital Avenue to Airport Road



SKYPARK IMPROVEMENTS – AIRPORT RD TO ABBOTT RD

- 🌊 Part 2 of a two section objective
- 🌊 Improve road as a gateway into the City from the Airport
- 🌊 Widen roadway and add lighting to improve safety and accommodate higher traffic volume for increased airport usage

M-310 (599) - Skypark Road Improvements- Airport Road to Abbott Road



SKYPARK RD & AIRPORT RD INTERSECTION IMPROVEMENTS

- 🇺🇸 Widen turning radii at intersection to meet geometric requirements and better accommodate larger vehicles

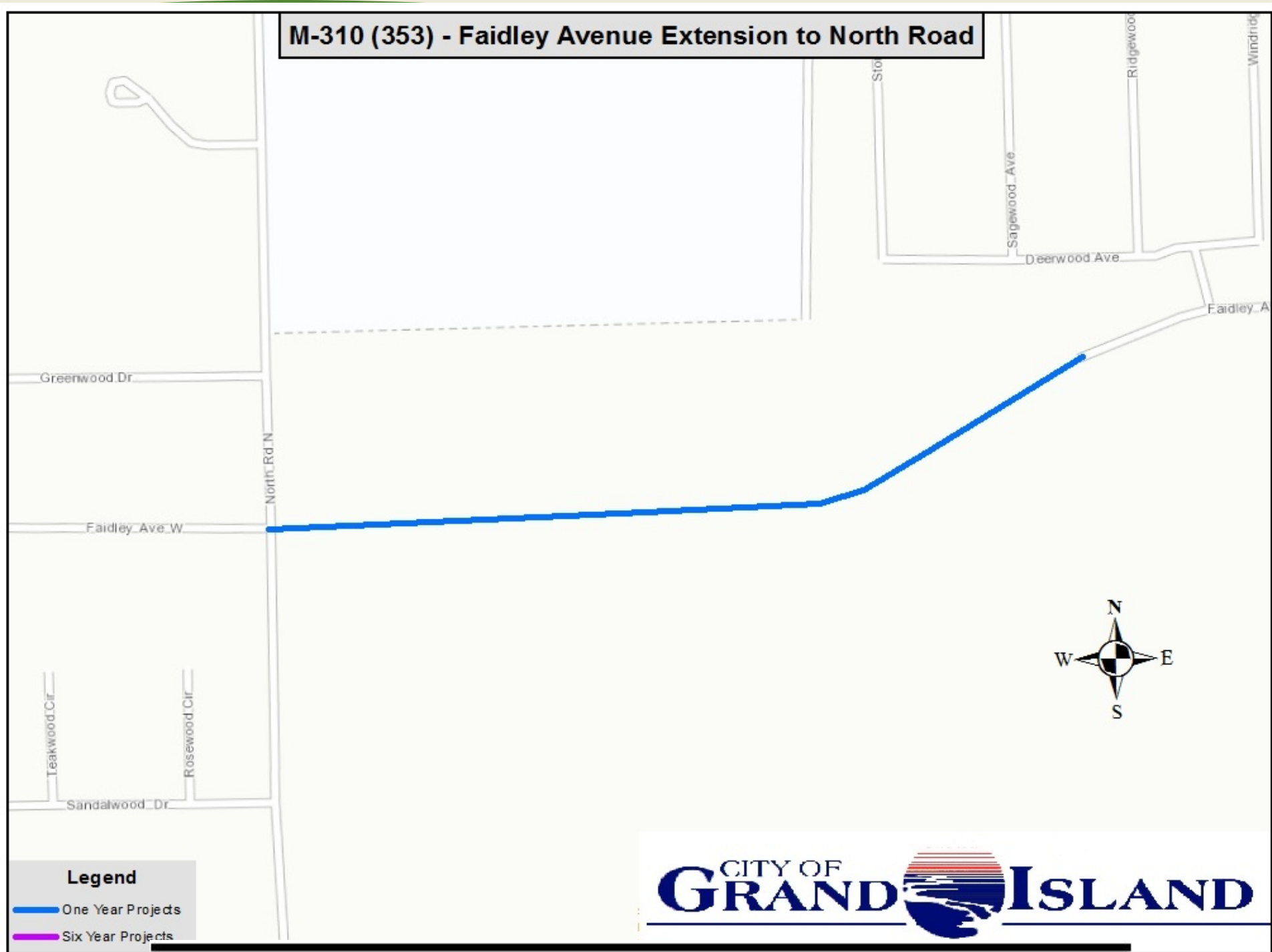
M-310 (598) - Skypark Road & Airport Road Intersection Improvements



FAIDLEY AVE EXTENSION FROM NORTH RD TO EDGE OF CONCRETE(HEADING EAST)

- 🇺🇸 Extend paving to join the two existing segments of Faidley together.

M-310 (353) - Faidley Avenue Extension to North Road



BLAINE ST BRIDGE REPLACEMENT

- Replace the north bridge structure with two box culverts
- Replace the south bridge structure with two Arch RCP culvert pipes
- Widen road to improve traffic flow

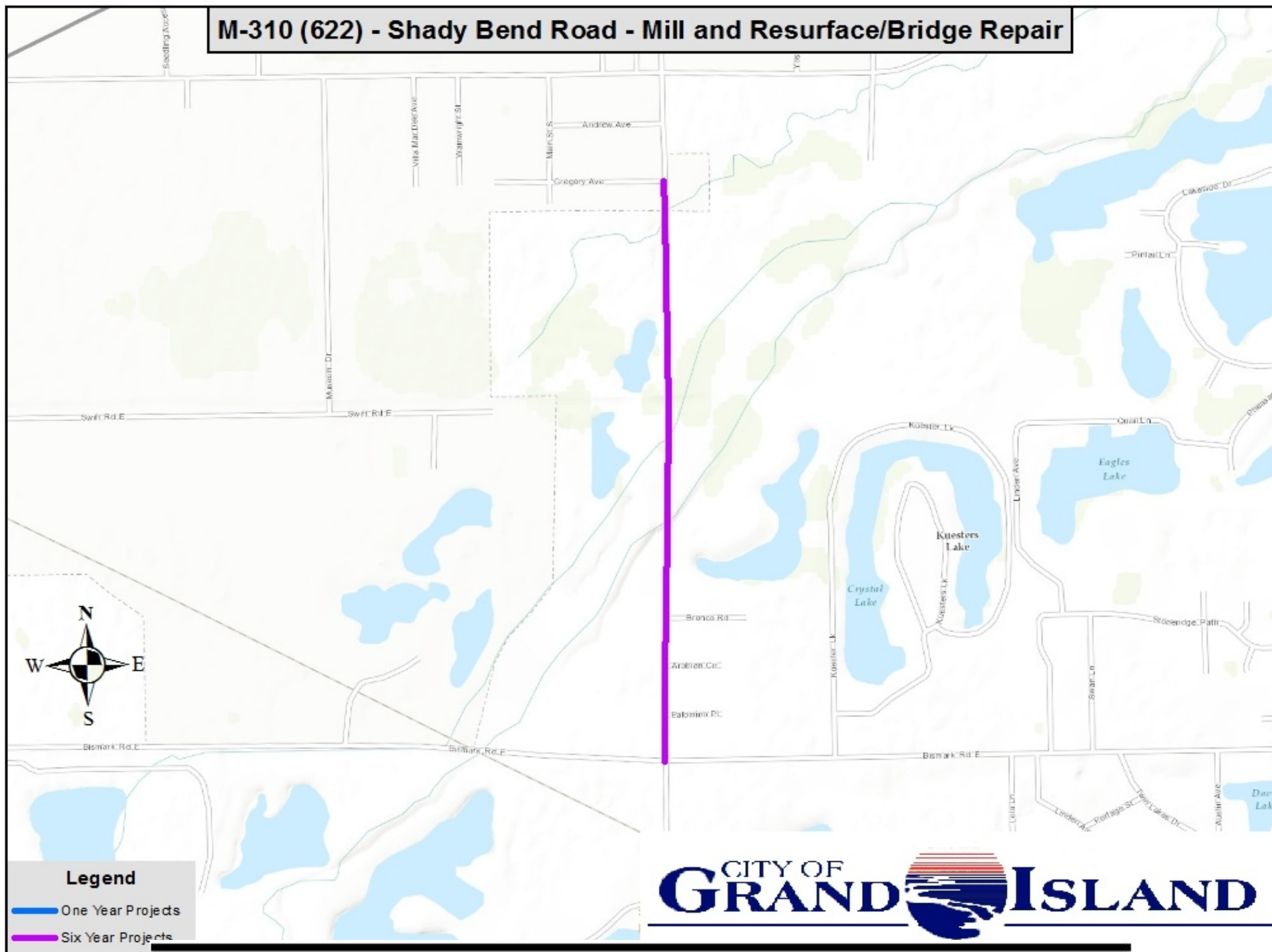
M-310 (267) - Blaine Street Bridge Replacement



SHADY BEND ROAD – MILL & RESURFACE/BRIDGE REPAIR

- 🇺🇸 Resurfacing project to restore roadway to structurally sound state and accommodate increasing truck traffic.
- 🇺🇸 Minor repairs to the bridge and box culvert

M-310 (622) - Shady Bend Road - Mill and Resurface/Bridge Repair





WESTGATE RD; NORTH RD EAST TO PAVED SECTION OF WESTGATE RD


Paving Assessment District

-  District created by City Council on April 23, 2013

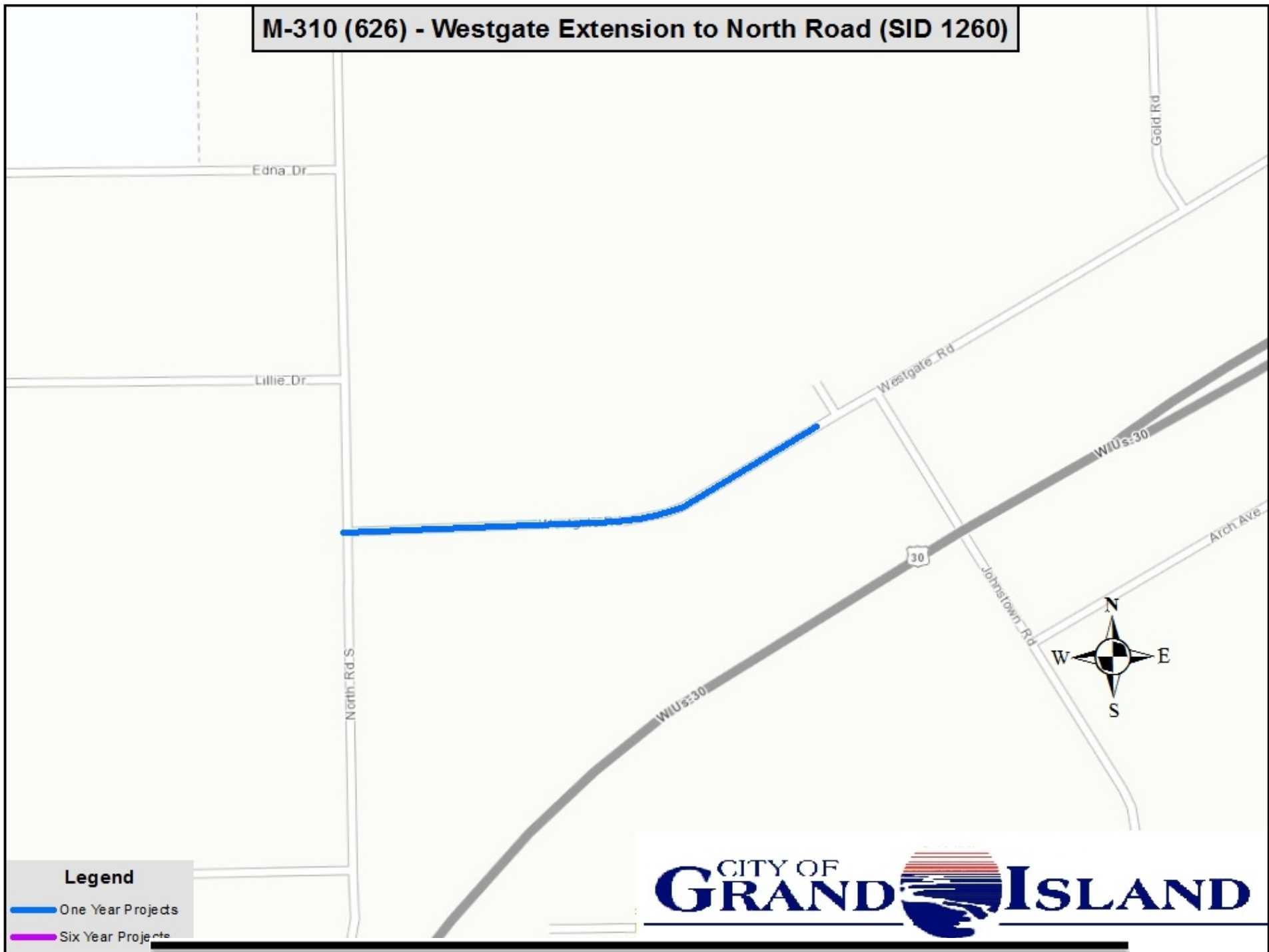
-  District continued by City Council on May 28, 2013

-  Continuation of paving on Westgate Road extending east from North Road to the existing pavement on Westgate Road

-  Will connect the initial phase of the Moores Creek Drainway to this area and eliminate the ditch section

-  Project will be assessed to adjacent property owners

M-310 (626) - Westgate Extension to North Road (SID 1260)



WEBB ROAD; N FROM STOLLEY PARK RD TO UPRR

Paving Assessment District

-  District created by City Council on February 12, 2013

-  District continued by City Council on April 9, 2013

Widening the roadway from 24' to 41' for a 3 lane section with improved drainage and elimination of the ditch section

Project cost will be assessed to adjacent property owners

M-310 (587) - Webb Road Widening - Stolley Park to Union Pacific Railroad



1 & 6 YEAR STREET IMPROVEMENT PLAN

	2014	2015	2016	2017	2018
OBLIGATED TO OTHER AGENCIES					
US Hwy 30 Drainage Improvements [\$1,789,000 total project cost]	\$ 104,256.00				
Misc Federal Aid Resurfacing - Various Locations [\$3,413,000 total project cost]	\$ 593,096.00	\$ 593,096.00			
Capital Avenue Widening - Webb to Broadwell [\$8,151,000 total project cost]	\$ 203,314.00	\$ 1,014,079.00	\$ 690,601.00		
Hwy 30 Resurfacing [\$5,745,000 total project cost]		\$ 263,000.00			
Hwy 281 in GI & North [\$6,019,000 total project cost]					\$ 1,467,000.00
RECONSTRUCTION/NEW CONSTRUCTION					
Skypark Improvements - Capital Ave to Airport Rd				\$ 800,000.00	
Skypark Improvements - Airport Rd to Abbott Rd					\$ 700,000.00
Airport Rd & Skypark Rd Intersection Improvement			\$ 45,000.00		
Faidley Ave Extension from North Rd to EOC (heading East)	\$ 650,000.00				
Blaine St Bridge Replacement	\$ 250,000.00				
Shady Bend Rd - Mill & Resurface/Bridge Repair			\$ 250,000.00		
Westgate Rd; North Rd east to paved section of Westgate Rd	\$ 580,000.00				
Webb Rd; N from Stolley Park Rd to UPRR	\$ 1,700,000.00				
TOTAL	\$ 4,080,666.00	\$ 1,870,175.00	\$ 985,601.00	\$ 800,000.00	\$ 2,167,000.00

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