



City of Grand Island

Tuesday, July 21, 2015

Special Meeting

Item S -3

Presentation of 400 Capital Improvement Projects for Fiscal Year 2015/2016

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

Capital Projects 2016



Capital Improvement Fund

	2012 Actual	2013 Actual	2014 Budget	2014 Forecast	2015 Budget
Beginning Cash Balance	\$90,942	\$95,698	\$423,401	\$121,678	\$2,692,297
Revenue	\$347,079	\$174,595	\$1,519,600	\$145,698	\$1,300,311
Transfers In	\$2,039,537	\$2,862,336	\$7,429,085	\$9,534,200	\$5,879,670
<i>Total Resources Available</i>	<i>\$2,477,557</i>	<i>\$3,132,630</i>	<i>\$9,372,086</i>	<i>\$9,801,576</i>	<i>\$9,872,278</i>
Expenditures	\$2,381,859	\$2,971,864	\$8,312,393	\$7,109,279	\$9,590,592
Transfers Out	\$0	\$39,088	\$0	\$0	\$0
<i>Total Requirements</i>	<i>\$2,381,859</i>	<i>\$3,010,952</i>	<i>\$8,312,393</i>	<i>\$7,109,279</i>	<i>\$9,590,592</i>
Ending Cash Balance	\$95,698	\$121,678	\$1,059,693	\$2,692,297	\$281,686
Unrestricted Cash	\$95,698	\$121,678	\$154,693	\$596,297	\$281,686
Restricted Cash-Future Projects	\$0	\$0	\$905,000	\$2,096,000	\$0
	<i>\$95,698</i>	<i>\$121,678</i>	<i>\$1,059,693</i>	<i>\$2,692,297</i>	<i>\$281,686</i>

2015 Planned Projects – In Progress

- ☛ ADA – 4th & 5th St CDBG Project
- ☛ Annual Handicap Ramp Installation
- ☛ Blaine Bridge Replacement w/ culverts
- ☛ Capital Avenue; Webb Rd to Broadwell Ave (includes trail)
- ☛ Faidley Avenue; North Rd E to Irongate Ave
- ☛ Faidley & Diers Traffic Signal
- ☛ Stolley Park Road – Restriping/Rehabilitation
- ☛ Swift Road Paving District No. 1263
- ☛ Wheeler Avenue Bump Out @ Kaufman Plaza
- ☛ Moores Creek Drain Continuation
- ☛ Eagle Scout Detention Cell - Moores Creek N End
- ☛ Northwest Flood Control Project
- ☛ Webb Rd – UPRR N to Hwy 30 (drainage/curb & gutter)
- ☛ Miscellaneous Park Projects
- ☛ Sterling Estates Park
- ☛ Island Oasis Upgrade/Remodel
- ☛ Ryder Park Tennis Facility Upgrade
- ☛ Heartland Public Shooting Park – Entry Road
- ☛ Dog Park Development
- ☛ Cemetery Expansion Design
- ☛ Alternate 911 Emergency Center
- ☛ Final Phase of GITV – HD Implementation
- ☛ Info. Tech. Offsite Location – Disaster Recovery
- ☛ Grand Generation Center Building

Completed Projects

- Hike/Bike Trails Miscellaneous
- Island Oasis PA System
- Island Oasis Pool Painting
- Resurfacing Various Locations – Federal Aid Project
- Walk to Walnut Safe Routes to School Project
- Webb Road Paving District No. 1260
- Westgate Road Paving District No. 1261
- Claude Road Drainage Improvements
- US Highway 30 Drainage Improvements
- Westgate Road Drainage District No. 2013-D-4
- State & Capital Connector Trail

Delayed or Cancelled Projects

- Cambridge Dewatering Well Replacement
- Fog Seal
- Stolley Park Entrance Reconfiguration
- Underpass Bridges – Engineering, Maintenance & Repair
- Sterling Estates Paving District



Capital Improvement Projects 400 Fund Funded with Gas Tax Money

	2015 Budget	2015 Forecast
ADA – 4 th & 5 th St CDBG Project	\$ 400,000	\$ 0
Annual Handicap Ramp Installation	\$ 165,000	\$ 200,982
Blaine Street Bridge Replacement w/ culverts	\$ 500,000	\$ 22,863
Capital Avenue; Webb Rd to Broadwell Ave (includes trail)	\$ 2,307,990	\$ 3,907,990
Faidley Ave; North Rd E to Irongate Ave	\$ 350,000	\$ 1,101,900
Faidley & Diers Traffic Signal	\$ 200,000	\$ 63,500
Fog Seal	\$ 200,000	\$ 0
Hwy 34; 281 to Locust St – NDOR project	\$ 0	\$ 12,854
Stolley Park Entrance Reconfiguration	\$ 200,000	\$ 118
Stolley Park Rd Restriping/Rehabilitation	\$ 250,000	\$ 79,300
South Front Street Over Sycamore Underpass Rehabilitation	\$ 80,000	\$ 0
US Highway 30 Drainage Improvements	\$ 0	\$ 779
Walk to Walnut Safe Routes to School Project	\$ 0	\$ 890
Webb Rd; UPRR N to Hwy 30 (drainage/curb & gutter)	\$ 30,000	\$ 39,800
Westgate Road Drainage District No. 2013-D-4	\$ 0	\$ 157,800
Wheeler Ave Bump Out @ Kaufman Plaza	\$ 250,000	\$ 221,700
TOTAL	\$ 4,932,990	\$ 5,810,476

Capital Improvement Projects 400 Fund

Funded by General Fund, Keno, & Special Assessments

	2015 Budget	2015 Forecast
Cambridge Dewatering Well Replacement	\$ 75,000	\$ 0
Cemetery Expansion Design	\$ 29,670	\$ 29,670
Claude Road Drainage Improvements	\$ 0	\$ 17,569
Dog Park Development	\$ 50,000	\$ 50,000
Eagle Scout Detention Cell - Moores Creek N End	\$ 0	\$ 7,060
Heartland Public Shooting Park – Entry Road	\$ 375,000	\$ 300,000
Hike/Bike Trails	\$ 20,000	\$ 20,049
Miscellaneous Park Projects	\$ 150,000	\$ 150,000
Moores Creek Drain Continuation	\$ 0	\$ 2,557
Sterling Estates Park	\$ 150,000	\$ 150,000
Northwest Flood Control Project	\$ 600,000	\$ 500,000
Ryder Tennis Court Facility Upgrade	\$ 175,000	\$ 22,000
State & Capital Connector Trail	\$ 92,932	\$ 0
Water Park Expansion (Island Oasis PA System/Pool Painting/Upgrade & Remodel)	\$ 500,000	\$ 500,000
Alternate 911 Emergency Center	\$ 50,000	\$ 20,500
Final Phase of GITV – HD Implementation	\$ 100,000	\$ 100,000
Grand Generation Center Building	\$ 100,000	\$ 88,800
Information Technology Offsite Location– Disaster Recovery	\$ 40,000	\$ 37,500
TOTALS	\$ 2,507,602	\$ 1,995,705

Capital Improvement Projects 400 Fund Funded with Bond Proceeds/Assessments

2015 Budget 2015 Forecast

PROJECTS FUNDED BOND PROCEEDS/ASSESSMENTS

Sterling Estates Paving District	\$ 650,000	\$ 0
Swift Rd Paving District No. 1263	\$ 1,500,000	\$ 28,286
Webb Road Paving District No. 1260	\$ 0	\$ 826,000
Westgate Road Paving District No. 1261	\$ 0	\$ 133,600

TOTAL \$ 2,150,000 \$ 987,886

SUMMARY OF CAPITAL IMPROVEMENT PROJECTS

Funded with Gas Tax Money	\$ 4,932,990	\$ 5,810,476
Funded by General Fund, Keno, & Special Assessments	\$ 2,507,602	\$ 1,995,705
Funded Bond Proceeds/Assessments	\$ 2,150,000	\$ 987,886

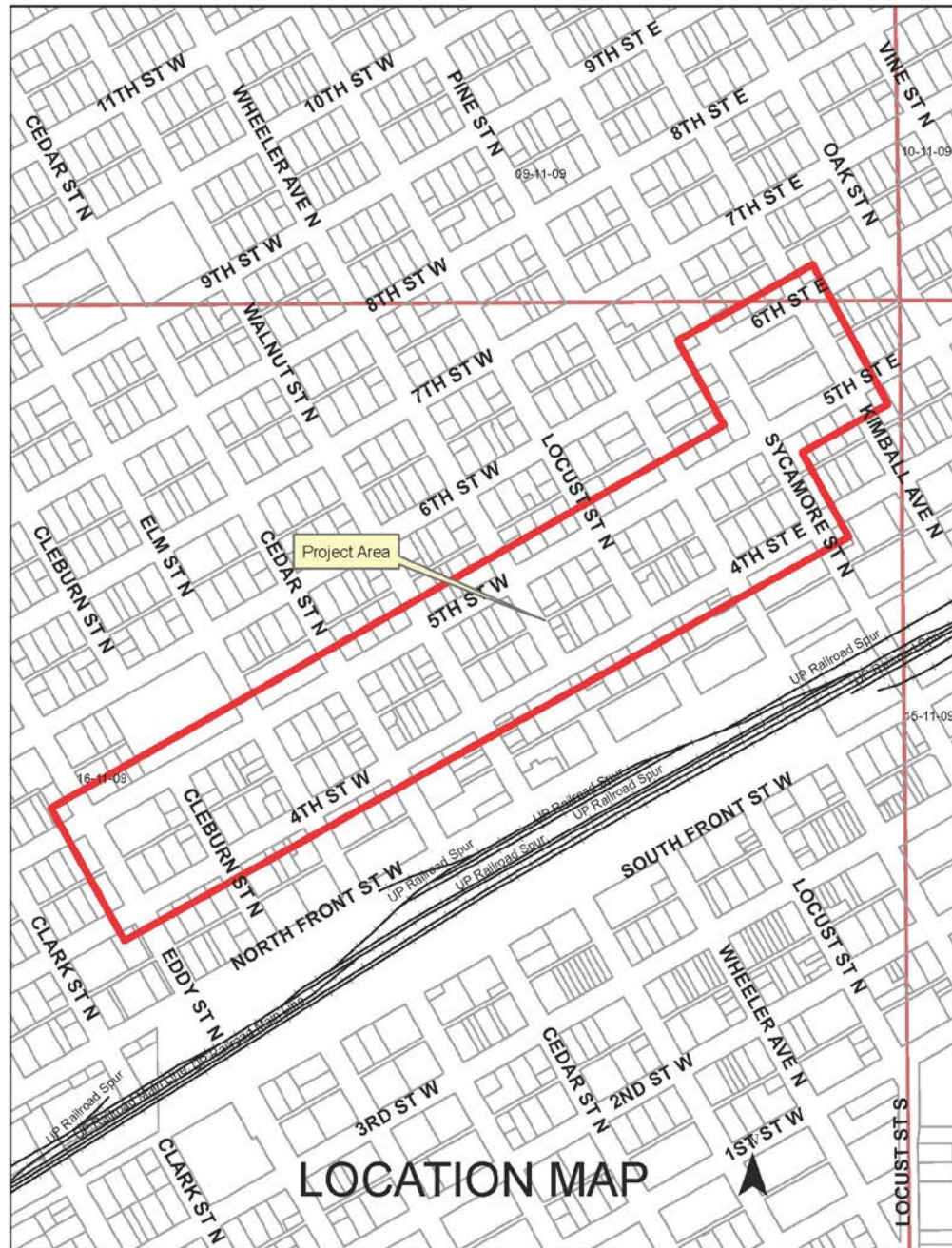
TOTAL CAPITAL REQUESTS \$ 9,590,592 \$ 8,794,067

Proposed Capital Projects for 2016

- ADA – 4th & 5th St CDBG Project
- Adams Street Paving District
- Blaine Bridge Replacement w/ culverts
- Capital Avenue; Webb Rd to Broadwell Ave (includes trail)
- Faidley & Diers Traffic Signal
- North Road @ 13th Street Intersection Improvements
- Pavement Condition Survey
- Sterling Estates Paving District
- Stolley Park Road Restriping/ Rehabilitation
- Swift Road Paving District No. 1263
- South Front Street Over Sycamore Underpass Rehabilitation
- Waugh/Broadwell Relocation
- Eagle Scout Detention Cell – Moores Creek N End
- Moores Creek Drain Extension – Old Potash Hwy to Enda
- Northwest Flood Control Project
- Fieldhouse Turf Replacement
- Miscellaneous Parks Projects
- Ryder Tennis Court Facility Upgrade
- Sterling Estates Park
- Alternate 911 Emergency Center
- Final Phase of GITV – HD Implementation

ADA – 4th Street & 5th Street CDBG Project \$400,000

- Community Block Development Grant funded project to aid the City in compliance with the American Disabilities Act (ADA) federal requirements
- Improvements include handicap accessible crosswalk ramps, moving sewer inlets where necessary
- 4th and 5th Streets from Eddy to Sycamore, including Lion's Club Park



Adams Street Paving District \$2,250,000

- This paving district will aid increased traffic flow generated by the construction of the new Starr School at the corner of Stolley Park Road and Adams Street
- Cost share will be between the City, School District and abutting property owners – City's responsibility is anticipated at 15%
- The 2 schools' drives will be aligned and may connect with a roundabout.

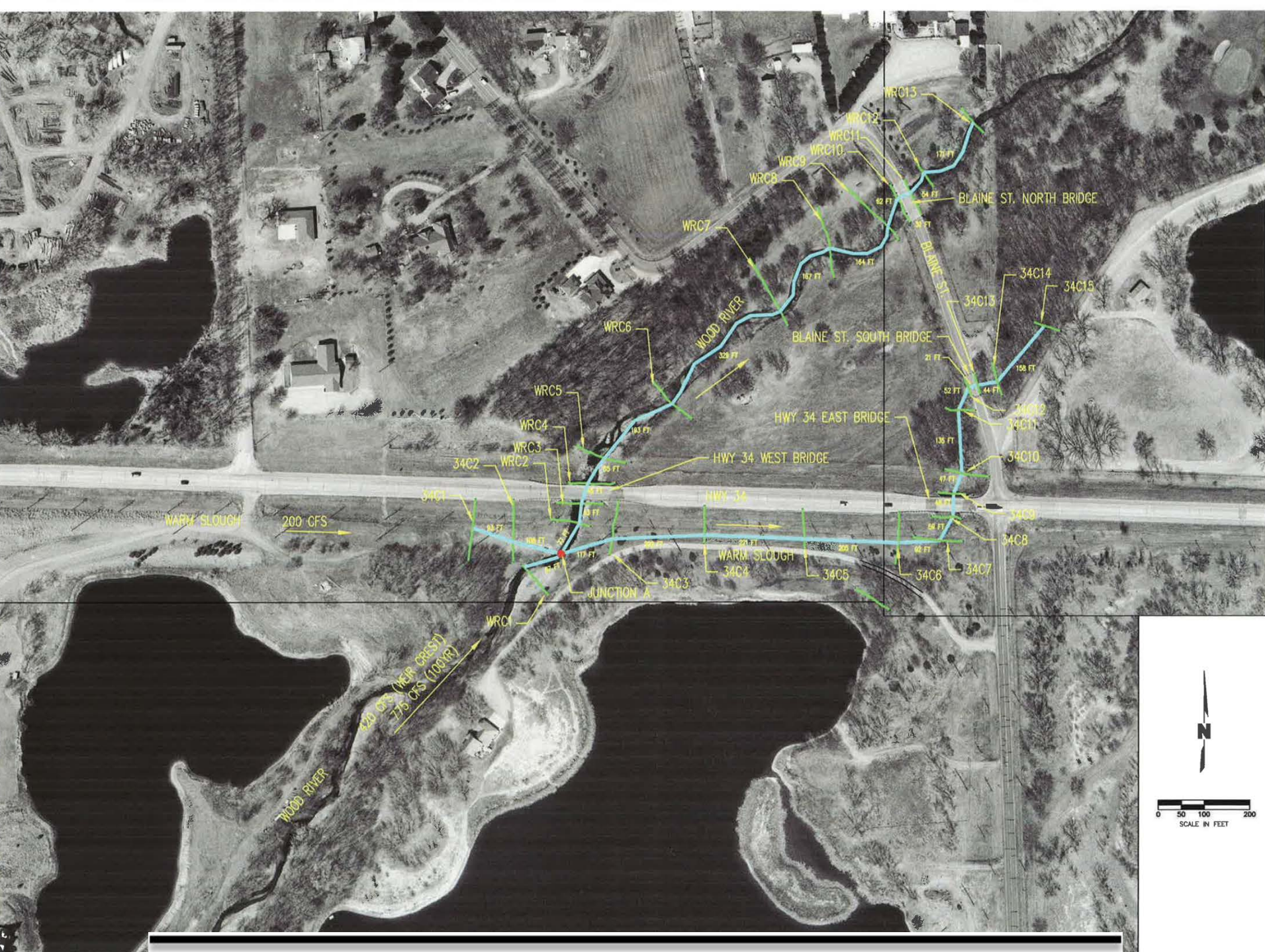
ADAMS STREET PAVING DISTRICT



Blaine Bridge Replacement w/ Culverts \$495,000

- Replace the deteriorated bridge on Blaine Street with more economical box culverts
- Project design is complete & construction will be done late Fall 2015





Capital Avenue; Webb Road to Broadwell Avenue (includes trail) - \$950,000

Widen Capital Avenue to 5 lanes from Webb Road to Broadwell Avenue, adding a continuous turning lane and a hike/bike trail on the north side of the road. Construction is underway and should be completed in 2016.





Faidley & Diers Traffic Signal

\$136,500

A traffic study indicates that a traffic signal will be necessary at the intersection of Faidley Avenue and Diers Avenue, once the new segment of Faidley Avenue is opened to traffic. Design is nearing completion with construction in FY 2015/2016



North Road @ 13th Street Intersection Improvements

\$750,000

Improve traffic flow through this intersection and address some drainage issues.

Likely to replace intersection with a roundabout.



Pavement Condition Survey

\$140,000

Condition assessment of all City roadways; which is required every three (3) years.

Information is used to select surface repair projects and meet GASB 34.



Sterling Estates Paving District \$300,000

- Paving continuation for further development
- Paving District to complete paving and parking west of City Park
- District to be assessed to property owners and a portion to the City for City owned property (25% - 28%)

UNPLATTED
PART OF
SECTION 12-T11N-R10W

STERLING ESTATES
SIXTH SUBDIVISION

STERLING ESTATES
SECOND SUBDIVISION

STERLING ESTATES FOURTH SUBDIVISION

OUTLOT
(0.28 AC)

LOT 1
(0.37 AC)

LOT 2
(0.38 AC)

LOT 3
(0.38 AC)

EBONY LANE

STERLING ESTATES SUBDIVISION

NORSEMAN AVENUE

NORSEMAN AVENUE

STERLING ESTATES
SUBDIVISION

STERLING
ESTATES
THIRD
SUBDIVISION

SUNRISE AVENUE

MENARD
SIXTH
SUBDIVISION

CITY OF GRAND ISLAND DRAINAGE R.O.W.

STERLING ESTATES SUBDIVISION

LOT 1
(0.14 AC)

LOT 2
(0.14 AC)

LOT 3
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LOT 14
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AUTUMN PARK
THIRD SUBDIVISION

AUTUMN PARK
SUBDIVISION

LEGEND

— PROJECT LOCATION

CITY OF
Grand Island
PUBLIC WORKS DEPARTMENT

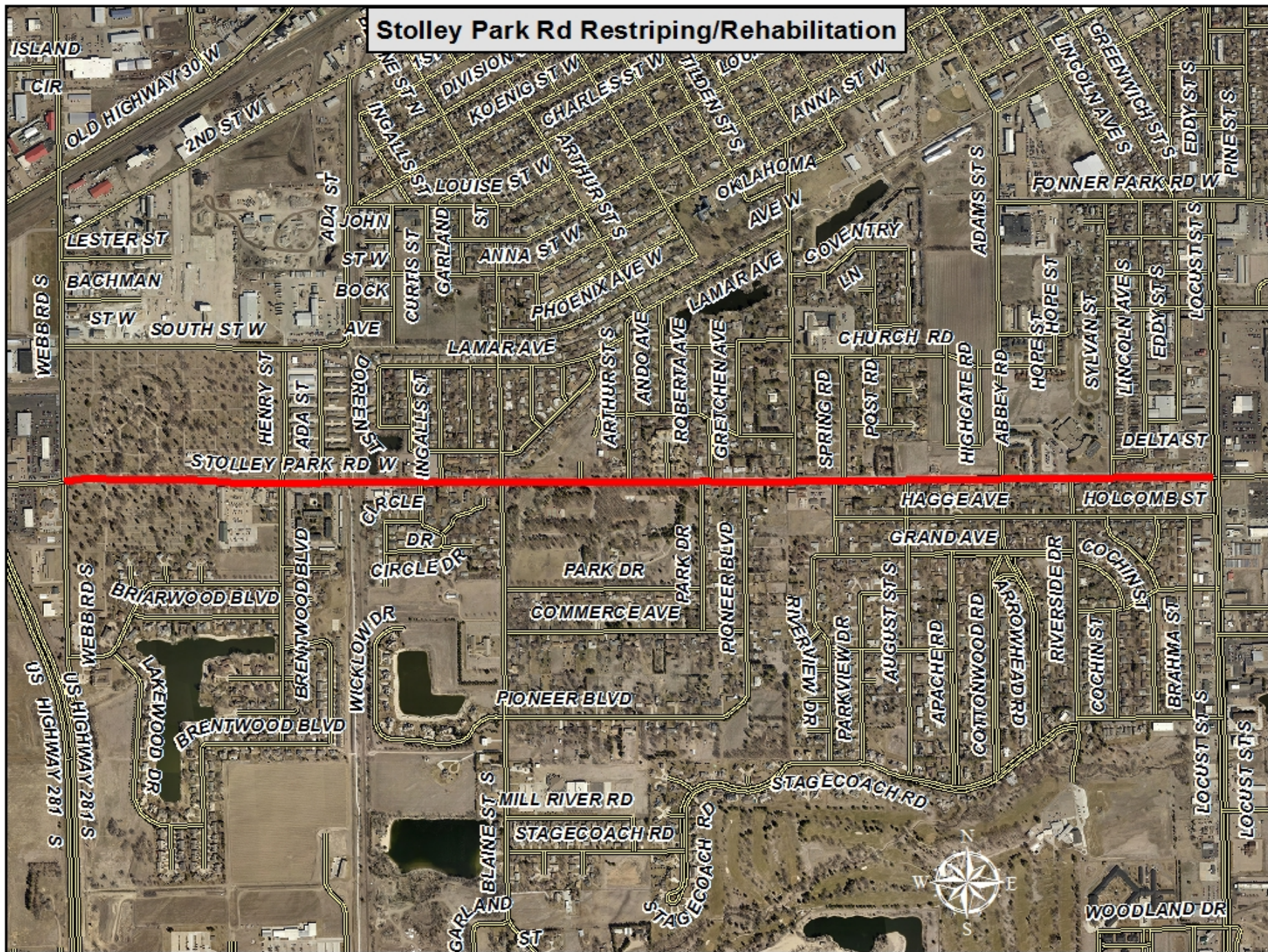
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DATE: JULY 2015
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STERLING ESTATES PAVING DISTRICT

Stolley Park Road Restriping/Rehabilitation \$420,000

- 🌊 Surface repairs, lane configuration and intersection lane extensions
- 🌊 Delayed to acquire federal funding





Swift Road Paving District No. 1263

\$2,500,000

- Extend Talc Road to Stuhr Road and relocate Swift Road so that the two connect at Stuhr Road
- Waiting on new development commitment and agreement of property owners
- District is currently in the design phase, with construction planned in 2016
- Cost to be assessed to property owners; about one third is City cost

South Front Street Over Sycamore Underpass Rehabilitation - \$80,000

Develop plans to replace bridge deck, patch and seal abutment walls, place discrete anodes and seal retaining walls.



Waugh / Broadwell Relocation

\$100,000

- A joint project with the developer of the northeast corner of the 5 Points intersection
- This will align Waugh Street with the Broadwell Avenue entrance to 620 West State Street



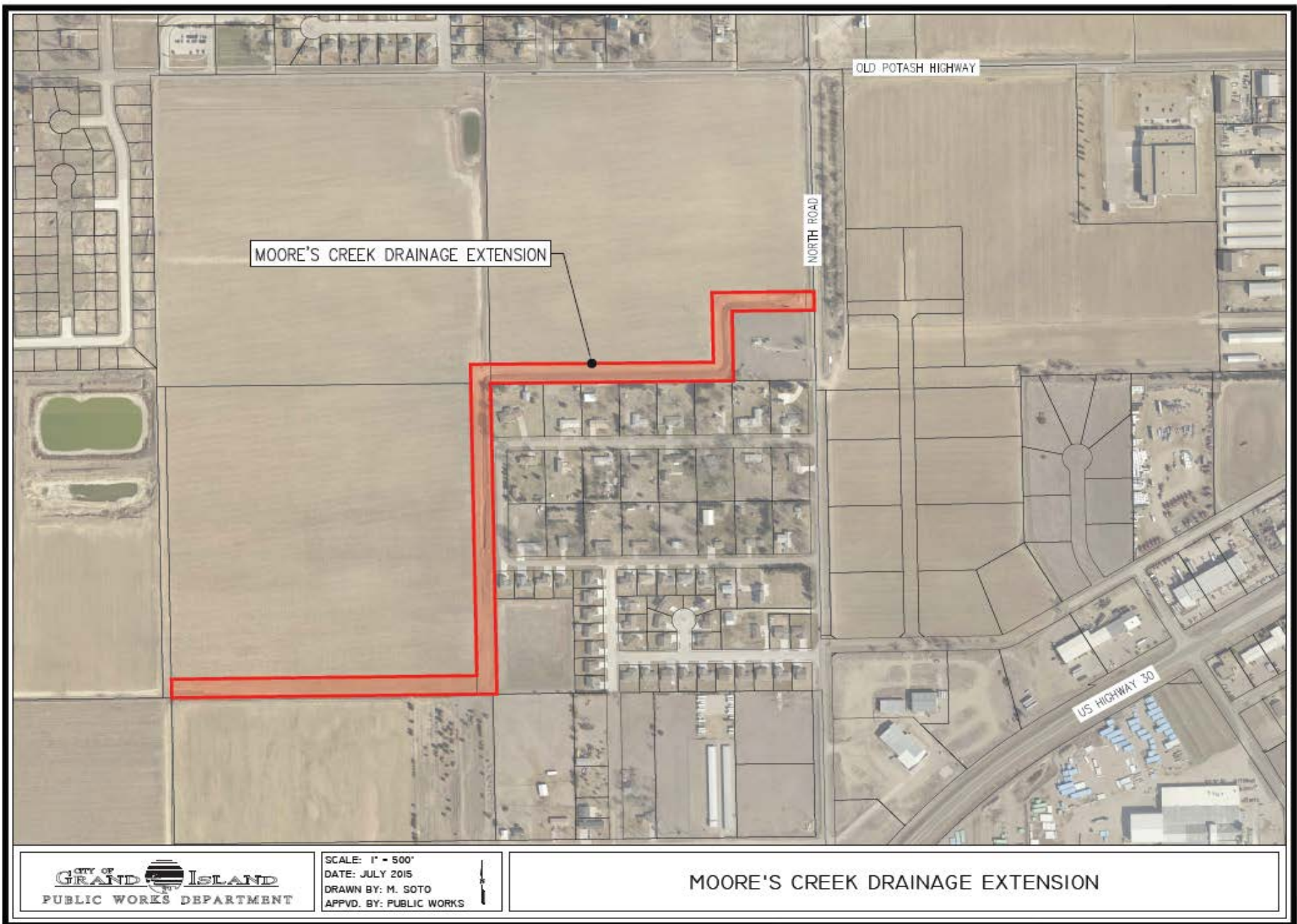
Eagle Scout Detention Cell – North of Eagle Scout Lake \$75,000

- 🚧 Phase I of detention cell build
 - 🚧 Clean up of the property
 - 🚧 Potentially start dirt work



Moores Creek Drain Extension –
(Old Potash Hwy to Edna Dr)
\$50,000

- Property acquisition for extension of this drain way
- This will allow the City to reach the US Highway 30 corridor prior to the State's realignment of the highway



Northwest Flood Control Project \$900,000

Drainage Project (CPNRD) - City/CPNRD cost sharing project for flood control improvements along the Prairie, Moores & Silver Creek watershed to alleviate flooding in the northwest area of Grand Island. Funding will be over a 14 year period, which began in FY 2005.

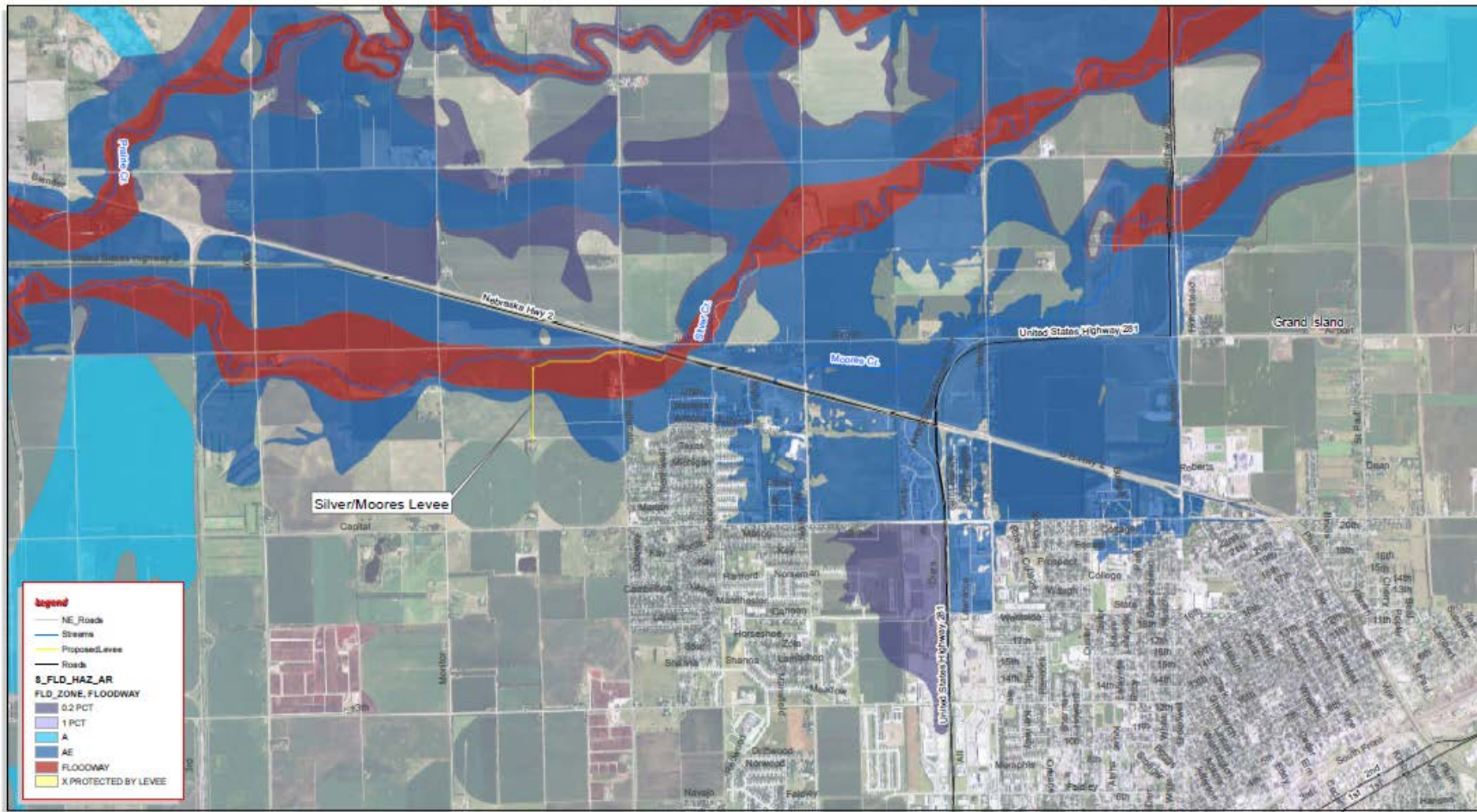


Figure 2: CLOMR Focus Area

Upper Prairie/Silver/Moore's Creek Flood Control Project
City of Grand Island and Central Platte NRD



Created By: SMS
Date: 4/13/2015
Software: ArcGIS 10.2
File:

This map was prepared using information from record drawings supplied by JED and/or other applicable city, county, federal, or private entities. JED does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.



Fieldhouse Turf Replacement \$275,000

- The indoor portable turf system is due for replacement
- The Community Fieldhouse has turned out to be a very popular indoor recreational facility, with the turf being used constantly for soccer, football, softball, and baseball leagues and training



Miscellaneous Park Projects

\$195,000

Fund annually used to address priority needs throughout the Parks and Recreation Department. Examples include restroom updating or replacement, park lake shoreline erosion prevention, park roads and parking lot asphalt repairs or replacement, playground equipment replacement, hike/bike trails and other general facility updates.



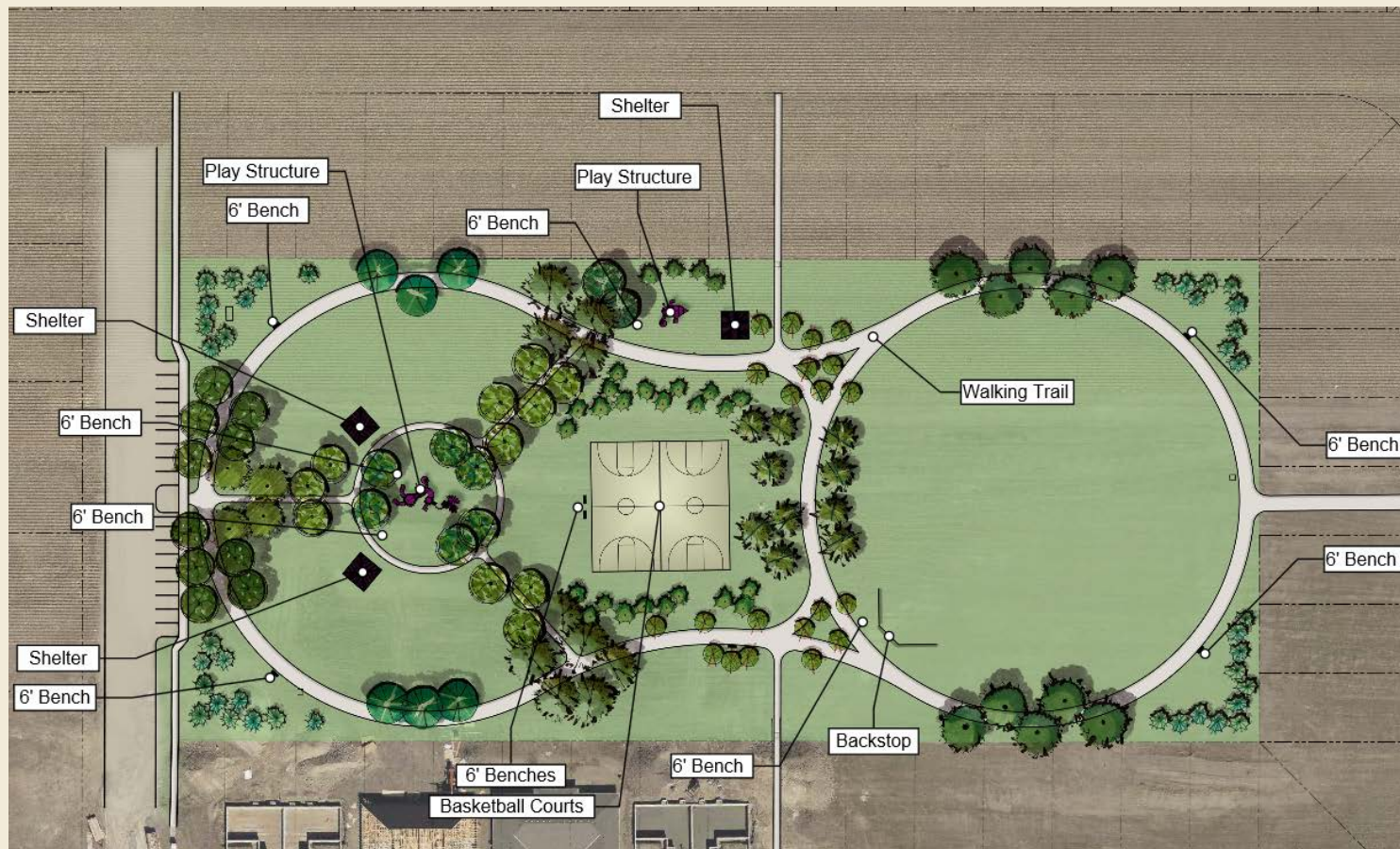
Ryder Tennis Court Facility Upgrade

\$280,093

- Replace existing courts with four new courts
- Total project estimate is \$437,093



Sterling Park Phase 2 - \$150,000



Alternate 911 Emergency Center \$200,000

Design and land acquisition costs of alternate
Emergency Center

Final Phase of GITV – HD Implementation \$80,000

- 🌊 Federally mandated
- 🌊 Finish installation of GITV Phase 3 – full Master Control/Studio HD Upgrade
- 🌊 Improvements in Council Chambers are also included in this, as there is a significant need, as well as a labor costs savings to complete both projects simultaneously

Capital Improvement Projects 400 Fund Funded with Gas Tax Money

	2016 Budget
ADA 4 th & 5 th Street CDBG Project	\$ 400,000
Capital Avenue; Webb Road to Broadwell Avenue (includes trail)	\$ 950,000
Faidley Avenue & Diers Avenue Traffic Signal	\$ 136,500
Stolley Park Road Restriping/Rehabilitation	\$ 420,000
Blaine Bridge Replacements w/ culvert	\$ 495,000
Pavement Condition Survey	\$ 140,000
North Road @ 13 th Street – Intersection Improvements	\$ 750,000
Sterling Estates Paving District	\$ 300,000
Wagh Street/Broadwell Avenue Relocation	\$ 100,000
South Front Street Over Sycamore Underpass Rehabilitation	\$ 80,000
TOTAL \$	3,771,500

Capital Improvement Projects 400 Fund
Funded by General Fund, Keno, & Special Assessments

2016 Budget

Northwest Flood Control Project	\$ 900,000
Eagle Scout Detention Cell – N of Eagle Scout Lake	\$ 75,000
Miscellaneous Parks Projects	\$ 195,000
Moores Creek Drain Extension (Old Potash Hwy to Edna Dr)	\$ 50,000
Ryder Tennis Court Facility Upgrade	\$ 280,093
Sterling Estates Park	\$ 150,000
Fieldhouse Turf Replacement	\$ 275,000
Alternate 911 Emergency Center	\$ 200,000
Final Phase of GITV – HD Implementation	\$ 80,000
TOTALS \$	2,205,093

**Capital Improvement Projects 400 Fund
Funded with Bond Proceeds/Assessments**

2016 Budget

PROJECTS FUNDED BOND PROCEEDS/ASSESSMENTS

Adams Street Paving District	\$ 2,250,000
Swift Rd Paving District No. 1263	\$ 2,500,000
TOTAL	\$ 4,750,000

SUMMARY OF CAPITAL IMPROVEMENT PROJECTS

Funded with Gas Tax Money	\$ 3,771,500
Funded by General Fund, Keno, & Special Assessments	\$ 2,205,093
Funded Bond Proceeds/Assessments	\$ 4,750,000
TOTAL CAPITAL REQUESTS	<u>\$ 10,726,593</u>

2016 Project Future Expenses

<i>Project</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>
Annual Handicap Ramp Installation	\$ 0	\$ 165,000	\$ 165,000	\$ 165,000
Construction of NW GI Flood Control Project	\$ 900,000	\$ 600,000	\$ 600,000	\$ 600,000
Eagle Scout Detention Cell – N of Eagle Scout Lake	\$ 75,000	\$ 75,000	\$ 75,000	\$ 0
Miscellaneous Parks Projects	\$ 195,000	\$ 220,000	\$ 220,000	\$ 220,000
Sterling Estates Park	\$ 150,000	\$ 150,000	\$ 150,000	\$ 0
Alternate 911 Emergency Center	\$ 200,000	\$2,000,000	\$ 0	\$ 0
Cemetery Expansion	\$ 0	\$ 300,000	\$ 0	\$ 0
South Front Street Over Sycamore Underpass Rehabilitation	\$ 80,000	\$ 600,000	\$ 0	\$ 0
North Road @ 13 th Street Intersection Improvements	\$ 750,000	\$ 750,000	\$ 0	\$ 0
Webb Rd- UPRR N to Hwy 30 (drainage/curb & gutter)	\$ 0	\$ 250,000	\$ 0	\$ 0
TOTALS	\$2,350,000	\$5,110,000	\$1,210,000	\$985,000

2016 Capital Improvements Budget Summary

Streets: \$8,521,500

Drainage: \$1,025,000

Parks: \$ 900,093

Fire/Emergency Center: \$ 200,000

GITV: \$ 80,000

Total Capital Requests: \$10,726,593

- *\$900,000 of capital dollars is mandated*
- *\$950,000 of capital dollars is funding Federal Aid projects*
- *\$400,000 of capital dollars is funding Community Development Block Grant projects*
- *\$5,050,000 of capital dollars is assessable*
- *\$2,109,713 is anticipated to be paid to the City in Federal reimbursements & buyouts*