

# F/2012/13 - 2017/13

# **Capital Improvement Program**

# Public Works & Utilities

- Starfran
- Streats & Highways
- > Watershed Management
- Streat Maintanance Operations
- Water Supply & Distribution
- Wastewater
- Solid Waste Operations

Public Works/Utilities - Wastewa	ter						
0173 - Wastewater cost of street	constructio	on (GSI) (6) -	070716000173	3 - 2012/2013	FINAL		
Group: General System Improvemen	ts		Prog	ram: (None)			
Description: support of street construct Comp Plan Conformance: Generally		th Plan	Ant	icipated Date	In Service:		
Rating: A Status:Co	ntinued						
Prior Appropriations	Six Yea	r Total	Coa	sts Beyond		Project Tota	al
\$170.0	\$2	43.0		\$282.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues		\$38.0	\$39.0	\$40.0	\$41.0	\$42.0	\$43.0
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Construction		x	x	х	x	x	x
0223 - Preliminary Design & Engi	neering (GSI	I) (6) - 07071	.6000223 - 201	12/2013 FINAL			
Group: General System Improvemen	ts		Prog	<b>ram:</b> (None)			
Description: Preliminary Design and Eng							
Comp Plan Conformance: Generally		th Plan	Ant	icipated Date	In Service:		
Rating: A Status: Co			<b>G</b> -1				
Prior Appropriations	Six Yea		Co	sts Beyond		Project Tota	aT
\$170.0	\$Z	43.0		\$282.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues		\$38.0	\$39.0	\$40.0	\$41.0	\$42.0	\$43.0
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Preliminary Plans		x	x	x	x	x	x
0278 - Facilities Plan Update (G	SI) (6) - 07	0716000278 -	2012/2013 FI	NAL			
Group: General System Improvemen	ts		Prog	ram: (None)			
<b>Description:</b> Facilities Plan Update. Pr facilities in accordance with the City's compr requirements.	rehensive planning	g efforts, to accom					ent
Comp Plan Conformance: Generally	Conforms wi	th Plan	Ant	icipated Date	In Service:		
Rating: A Status:Co							
Prior Appropriations	Six Yea		Co	sts Beyond		Project Tota	al
\$280.0	\$3	20.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues						\$320.0	
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans						х	

## Public Works/Utilities - Wastewater

## 0281 - Selected repair/repl of WW fac/collectors (6) - 070724000281 - 2012/2013 FINAL

Group: Select Replace/Repair/Const Wastewater Facilities

**Program:** (None)

**Description:** Selected Replacement or Repair of Wastewater Facilities and/or Collectors. (700359) Provides for the replacement, reconstruction, and/or repair of wastewater equipment, facilities and/or collectors that have served their useful lives and are in poor condition. Included are repairs to treatment equipment, facilities, collectors and appurtenances. Equipment repairs or replacement will sustain the operation of the wastewater treatment systems. Repairs to the collection system will reduce infiltration and inflow into the system and reduce flows to the treatment facilities. Easements may be required. Projects listed below are for 2012-2013 only. Additional named projects will be supplied in each years submittal.

Selected Treatment Facility Repairs: Replacement /Repair of TSTP and NETP Electrical Distribution System Components Replacement of TSTP and NETP Building Lighting Systems Replacement/Repair of TSTP and NETP Treatment Process Equipment Replacement/Repair of Liftstation Structures and Equipment Replacement/Repair of Injection Site Equipment Replacement/Repair of Storm Water Pump Stations

Selected Collection System repairs: Replacement or repair of approximately 100 manholes throughout the system. Repair of approximately 250 point sections of sewers of various sizes and locations Replacement of sections of sewers of various sizes and locations, 3,500 feet of open trench Replacement of sections of sewers of various sizes and locations, 7,500 feet of curred-in-place-pipe Replacement of sections of sewers of various sizes and locations, 3,000 feet of pipe bursting Repair of siphons at various locations as necessary

## Comp Plan Conformance: Generally Conforms with Plan

Stature. Ongoing

Dating. A

Anticipated Date In Service:

Rating: A	status:0	IIGOTIIG						
Prior	Appropriations	Six Yea	ar Total	Co	sts Beyond		Project Tota	al
	\$8,470.0	\$14	,835.0		\$8,460.0		\$0.0	
Appropriat	ions		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Revenue Bonds	5		\$1,670.0	\$2,150.0				
Utility Rever	nues		\$630.0	\$210.0	\$2,435.0	\$2,500.0	\$2,580.0	\$2,660.0
Estimated	Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Construction			X	x	x	x	x	x

\* Amounts are in thousands of dollars

### Comp Plan Conformance: Generally Conforms with Plan Anticipated Date In Service: 08/01/2021 Rating: B Status:Continued Prior Appropriations Six Year Total Costs Beyond Project Total \$0.0 \$1,350.0 \$0.0 \$0.0 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Appropriations Utility Revenues \$350.0 \$1,000.0 Estimated Cost by Activity 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Final Plans х Construction х 0325 - Solids Handling Improvements (TSTP)(6) - 070725320325 - 2012/2013 FINAL Group: Treatment Facilities **Program:**Theresa Street Treatment Facility Description: Solids handling improvements - thickening, dewatering, digestion, and co-generation improvements at the Theresa Street treatment plant. New NPDES discharge permits with stricter effluent discharge limits became effective in March, 2009. The noted treatment facility improvement projects for the Theresa Streett treatment facility provide for additional growth and capacity: maintaining proper and cost efficient treatment to meet the issued NPDES effluent discharge limits and provide for other necessary improvements. Comp Plan Conformance: Generally Conforms with Plan Anticipated Date In Service: 08/01/2014 Rating: A Status:Continued Prior Appropriations Six Year Total Costs Beyond Project Total \$6,000.0 \$5,100.0 \$0.0 \$0.0 2012/20132013/20142014/2015 2015/2016 2016/2017 2017/2018Appropriations Revenue Bonds \$2,000.0 \$1,000.0 \$1,500.0 Utility Revenues \$600.0 2017/2018 2012/2013 2013/20142014/2015 2015/2016 2016/2017 Estimated Cost by Activity Construction х х х

Public Works/Utilities - Wastewater

## 0619 - Repair 48" Sewer Pioneers to "O" St (SV) (6) - 110724380619 - 2012/2013 FINAL

Group: Select Replace/Repair/Const Wastewater Facilities

Description: Repair 48" Smooth Flow Sewer Pipe from Pioneers Blvd. to O Street This pipe is corrugated steel with an asphalt lining. After 30 years of use this lining is starting to deteriorate and fall off of the steel pipe causing sewer back-ups and corrosion and failure of the steel carrier pipe. This pipe will have to be relined or replaced to provide continued service to the Salt Valley Basin.

Program:Salt Valley Basin

\* Amounts are in thousands of dollars

### Public Works/Utilities - Wastewater 0323 - Odor & corrosion control facilities (TSTP)(6) - 070725320323 - 2012/2013 FINAL **Group:** Treatment Facilities **Program:**Theresa Street Treatment Facility Description: Odor and corrosion control facilities - solids dewatering building at the Theresa Street treatment plant. New NPDES discharge permits with stricter effluent discharge limits became effective in March, 2009. The noted treatment facility improvement projects for the Theresa Street treatment facility provide for additional growth and capacity: maintaining proper and cost efficient treatment to meet the issued NPDES effluent discharge limits and provide for other necessary improvements. Comp Plan Conformance: Generally Conforms with Plan Anticipated Date In Service: 08/31/2018 Rating: A Status:Continued Prior Appropriations Six Year Total Costs Beyond Project Total \$100.0 \$5,220.0 \$0.0 \$0.0 Appropriations 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Revenue Bonds \$1,000.0 \$1,500.0 \$500.0 Utility Revenues \$220.0 \$1,000.0 Estimated Cost by Activity 2012/20132013/20142014/20152015/20162016/2017 2017/2018 Final Plans х Construction х х х 0467 - Emergency Generator Installation (TSTP)(6) - 080725320467 - 2012/2013 FINAL Group: Treatment Facilities Program: Theresa Street Treatment Facility Description: Installation of an Emergency Generator to provide power for critical treatment loads during an electrical power outage. This will allow the plant to meet NDEQ permit requirements. The current methane co-genration system has capacity for approximately 50% of the critical plant requirements. This unit would be a black start unit driven by a natural gas engine. This unit could also be used during peak loading conditions to reduce peak electrical demand charges imposed by the Lincoln Electrical System. Comp Plan Conformance: Generally Conforms with Plan Anticipated Date In Service: 08/01/2020 Status:Continued Rating: A Prior Appropriations Six Year Total Costs Beyond Project Total \$0.0 \$750.0 \$0.0 \$0.0 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Appropriations Utility Revenues \$500.0 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Estimated Cost by Activity Final Plans Construction х

\$1,000.0

х

\$250.0

х

DesCription: Influent Pumping Tapporomental (ie: replacement of raw wastewater pumps motors and controls). These units have been in service since 1972 and have reached the end of their useful life.       Pradicity         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 08/01/2015         Rating: A       Status:Continued       Project Total         \$0.0       \$1,565.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2016/2017       2017/2015         Batimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Brinsted Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Construction       X <th></th> <th>51</th> <th>ummary of De</th> <th>epartment H</th> <th>rojects</th> <th>* Amounts are</th> <th>e in thousand</th> <th>ls of dollars</th>		51	ummary of De	epartment H	rojects	* Amounts are	e in thousand	ls of dollars	
Group: Treatment Facilities       Program: Thereas Street Treatment Facility         Description: Infuent Pumping Improvements (is: replacement of raw watewater pumps motors and controls). These units have been in service since 1972 and have reached the end of their useful life.       Osservice (controls). These units have been in service since 1972 and have reached the end of their useful life.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date       In Service:       08/01/2015         Rating: A       Status:Continued       Project Total       Story of the service since 1972         So.0       \$1,565.0       \$0.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2016/2017       2017/2015         Print Revenues       \$120.0       \$945.0       \$500.0         2017/2015         Print Revenues       \$120.0       \$945.0       \$500.0            Scharturtion       1	Public Works/Utilities - Wastew	ater							
Facility         Facility         Description: Influent Pumping Engrovements (is: replacement of raw wastewater pumps motors and controls). These units have been in service since 1972         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 08/01/2015         Rating: A Status:Continued       Project Total         Six Year Total       Costs Beyond       Project Total         \$0.0       \$1,565.0       \$0.0       \$0.0       \$0.0       \$0.0         Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$1,565.0       \$0.0       <	0561 - Influent Pumping Upgrade	s (TSTP) (6)	- 09072532056	1 - 2012/201	3 FINAL				
And have reached the and of their useful life.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 08/01/2015         Rating: A Status:Continued         Prior Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$1,565.0       \$0.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2016/2017       2017/201         Costs Beyond       Six Year Total       Costs Beyond       Project Total         \$0.0       \$120.0       \$945.0       \$500.0       2016/2017       2017/2017       2017/2017         Print Revenues       \$120.0       \$945.0       \$500.0       2016/2017       2017/2017       2017/2017         Final Plans       x       x                                      <	Group: Treatment Facilities			Prog		Street Treatmo	ent		
Prior Appropriations         Six Year Total         Costs Beyond         Project Total           \$0.0         \$1,565.0         \$0.0         \$0.0         \$0.0         \$0.0           Appropriations         2012/2013         2013/2014         2014/2015         2015/2016         2016/2017         2017/2017           Utility Revenues         \$120.0         \$945.0         \$500.0          2016/2017         2017/2017           Estimated Cost by Activity         2012/2013         2013/2014         2014/2015         2015/2016         2016/2017         2017/2017           Final Plans         X         X         2016/2017         2017/2017         2017/2017           Final Plans         X         X         2016/2017         2017/2017         2017/2017           Final Plans         X         X         X         2016/2017         2017/2017           Construction         X         X         X         2017/2017         2017/2017           Group: Treatment Facilities         Project Total         Facility         X         X         X           Description: Nebraska Despartment of Buviromental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water ground wa	and have reached the end of their useful life	e						972	
\$0.0       \$1,55.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2017         Utility Revenues       \$120.0       \$945.0       \$500.0         2017/2017         Estimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2017         Final Plans       1	Rating: A Status: C	ontinued							
Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Dtility Revenues       \$120.0       \$945.0       \$500.0	Prior Appropriations	Six Yea	r Total	Co	sts Beyond		Project Tot	al	
Diffire Revenues       \$120.0       \$945.0       \$500.0         Estimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2016         Final Plans       X       X       X       X       X       X       X         Construction       X <t< td=""><td>\$0.0</td><td>\$1,</td><td>565.0</td><td colspan="6">\$0.0 \$0.0</td></t<>	\$0.0	\$1,	565.0	\$0.0 \$0.0					
Estimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Final Plans       X       X       X       X       X       X         Construction       X       X       X       X       X       X         0656 - NPDES Operating Permit Renewal (TSTP) (6) - 120725320656 - 2012/2013 FINAL       Group: Treatment Facilities       Program: Theresa Street Treatment Facility       X       X         Description: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.       Construction to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.       Costs Beyond       Project Total         Rating: B       Status:New       Six Year Total       Costs Beyond       Project Total         \$0.0       \$70.0       \$0.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       <	Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
Final Plans       x <th< td=""><td>Utility Revenues</td><td></td><td>\$120.0</td><td>\$945.0</td><td>\$500.0</td><td></td><td></td><td></td></th<>	Utility Revenues		\$120.0	\$945.0	\$500.0				
Construction       x       x         O656 - NPDES Operating Permit Renewal (TSTP) (6) - 120725320656 - 2012/2013 FINAL       Program: Theresa Street Treatment Facilities         Group: Treatment Facilities       Program: Theresa Street Treatment Facility         DeScription: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 01/01/2014         Rating: B       Status:New         Prior Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$70.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/201         Utility Revenues       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/201	Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
0656 - NPDES Operating Permit Renewal (TSTP) (6) - 120725320656 - 2012/2013 FINAL         Group: Treatment Facilities       Program: Theresa Street Treatment Facility         Description: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 01/01/2014         Rating: B       Status:New         Prior Appropriations       Six Year Total       Costs Beyond       Project Total \$0.0         \$0.0       \$70.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Utility Revenues       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015	Final Plans		x						
Group: Treatment Facilities       Program: Theresa Street Treatment Facility         Description: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 01/01/2014         Rating: B       Status:New         Prior Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$70.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Utility Revenues       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015	Construction			x	x				
Facility         Facility         Description: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Thereas Street Treatment Plant to meet future limitations in discharge permits.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 01/01/2014         Rating: B       Status:New       Prior Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$70.0       \$0.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/201         Utility Revenues         Estimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/201	0656 - NPDES Operating Permit	Renewal (TST	?) (6) - 12072	5320656 - 20				·	
Description: Nebraska Department of Environmental Quality (NDEQ) regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from discharges from the Theresa Street Treatment Plant to meet future limitations in discharge permits.         Comp Plan Conformance: Generally Conforms with Plan       Anticipated Date In Service: 01/01/2014         Rating: B       Status:New         Prior Appropriations       Six Year Total       Costs Beyond       Project Total         \$0.0       \$70.0       \$0.0       \$0.0       \$0.0         Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2019         Utility Revenues       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2019	Group: Treatment Facilities			Prog		Street Treatmo	ent		
Rating: B         Status:New           Prior Appropriations         Six Year Total         Costs Beyond         Project Total           \$0.0         \$70.0         \$0.0	ground water and surface water. The request the Theresa Street Treatment Plant to meet for	for funding antici uture limitations	pates corrective ac in discharge permit	tions will be nece s.	ssary to address en	nviromental impacts	s from discharges		
Prior Appropriations         Six Year Total         Costs Beyond         Project Total           \$0.0         \$70.0         \$0				AIIt	ICIPALED DALE	a III Service:	01/01/2014		
Appropriations       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Utility Revenues       \$70.0             2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015         Estimated Cost by Activity       2012/2013       2013/2014       2014/2015       2015/2016       2016/2017       2017/2015	-		r Total	Co	sts Beyond		Project Tot	al	
Utility Revenues         \$70.0         Estimated Cost by Activity         2012/2013         2013/2014         2014/2015         2015/2016         2016/2017         2017/2015	\$0.0	\$7	70.0		\$0.0		\$0.0		
Estimated Cost by Activity         2012/2013         2013/2014         2014/2015         2015/2016         2016/2017         2017/203	Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
	Utility Revenues			\$70.0					
Final Plans X	Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
	Final Plans			х					

Public Works/Utilities - Wast	ewater						
0326 - Liquid Waste Facilitie	s (TSTP) (6)	- 07072532032	6 - 2012/2013	FINAL			
Group: Treatment Facilities			Prog	<b>ram:</b> Theresa : Facility	Street Treatme	ent	
Description: Liquid waste facilitie discharge limits became effective in Marc additional growth and capacity: maintain necessary improvements. Comp Plan Conformance: General	h, 2009. The noted t ing proper and cost e	reatment facility fficient treatment	improvement project to meet the issued	s for the Theresa NPDES effluent di	Street treatment fa	cility provide fo provide for other	
-	:Continued		Ant	icipated Date	e in service:	08/01/2010	
Prior Appropriations		r Total	Co	sts Beyond		Project Tot	- <b>-</b> 1
\$0.0		90.0		\$1,400.0		\$0.0	.97
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues			\$40.0	\$150.0			
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Preliminary Plans			x				
Final Plans				х			
0657 - NPDES Operating Permit	: (NETP) (6) - 1	120725330657	- 2012/2013 F	INAL			
Group: Treatment Facilities			Prog	ram:Northeas	t Treatment Fa	acility	
Description: Nebraska Department of to ground water and surface water. The r discharges from the Northeast Treatment F Comp Plan Conformance: General	equest for funding a acility to meet futur	ncticapates correc e limitations in d	tive actions will b ischarge permits.	e necessary to add		impacts from	irges
Rating: B Status	1		AIIC	icipated Date	e in service.	01/01/2014	
Prior Appropriations		r Total	Co	sts Beyond		Project Tot	al
\$0.0	\$4	10.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues			\$40.0				
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans			x				

Public Works/Utilities - Wastewater

0470 - Emergency Generator Insta	allation (NE	TP)(6) - 0807	25330470 - 20	12/2013 FINA	G		
Group: Treatment Facilities			Pro	gram:Northeas	t Treatment Fa	acility	
Description: Installation of an Emergen emergency generation available at the Northea also be used during peak loading conditions t Comp Plan Conformance: Generally	ast Treatment Faci to reduce peak ele	lity. This unit w	ould be a black st rges imposed by th	art unit driven by e Lincoln Electric	a natural gas engin	ne. This unit coul	ď
Rating: A Status: Constraints				cicipatta bat		00,01,1010	
Prior Appropriations	Six Yea	r Total	Co	osts Beyond		Project Tota	al
\$0.0	\$7	50.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues						\$500.0	\$250.0
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans							x
Construction						x	
0227 - Solids Handling Improvem	ents (NETP)(	6) - 07072533	0227 - 2012/2	013 FINAL	<u> </u>	I	
Group: Treatment Facilities			Pro	gram:Northeas	t Treatment Fa	acility	
Description: solids Handling Improvement Comp Plan Conformance: Generally					e In Service:	01/01/2020	
Rating: B Status: C	ontinued						
Prior Appropriations	Six Yea	ir Total	Co	osts Beyond		Project Tota	al
\$0.0	\$2,	300.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Revenue Bonds							\$2,000.0
Utility Revenues						\$300.0	
Estimated Cost by Activity		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans						x	
Construction							x

## Public Works/Utilities - Wastewater

## 0566 - Wastewater Construction Projects for New Growth(6) - 090735000566 - 2012/2013 FINAL

Group: Trunk Sewer System

**Program:** (None)

**Description:** Construction of new trunk sewers and sub-basin collection systems to serve new areas or provide additional service capacity to existing areas. Design, easement/right-of-way, and construction costs are included. Construction of Treatment Plant growth related projects as listed below. Funding is provided in the years assigned below.

N. 84th to N. 112th & Cornhusker - Extend Trunk Sewer - \$6,980.0 North of Salt Creek, N. 56th to N. 40th - Extend Trunk Sewer - \$855.0 North of Salt Creek, N. 56th to N. 70th - Sub-Basin Impr. - \$400.0 West O Street - Sub-Basin Impr. - \$500.0 NW 1st & W. Superior & NW 10th & W. Fletcher - Relief Trunk Sewer - \$1,140.0 Phase V Stevens Creek - Phase III to A Street & Stevens Creek - Extend Trunk Sewer - \$8,025.0 North of SW 1st & W. Denton - Sub-Basin Impr. - \$825.0 Salt Valley - Sub-Basin Improvements - \$415.0 Oak Creek - Sub-Basin Impr. - \$100.0 South of SW 60th & W. O Street to near NW 63rd & W. O Street - Extend Trunk Sewer - \$1850.0 Approximately SW 6th & W. E Street to SW 40th & W. A Street - Trunk Sewer Impr. - \$910.0 North and south of Rokeby, west of S. 40th Street - Sub-Basin Impr. - \$230.0 N. 84th Street, Fletcher to Havelock - Trunk Sewer - \$1,000.0 Stevens Creek - Sub-Basin Impr. - \$800.0 Hains Branch - Extend Trunk Sewer - \$600.0 Oak Creek Relief Sewer Runway to NW 41st & W Mathis - \$2,400 NW 44th Street Relief Sewer w Mathis to w. Cummings - \$1,700 Total Collection System Growth Project Costs = \$28,730

Treatment Facility Capacity Improvements Wet Weather Treatment Facilities TSTP - \$1,000 Wet Weather Treatment Facilities NETP - \$430 Total Treatment Facility Growth Project Costs = \$1,430

Total estimated project costs = \$30,160

Estimated funds available = \$7,550.

Comp Plan Conformance: In Conformance With Plan

## Anticipated Date In Service:

Rating: A Status: Continued

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$282.0	\$7,550.0	\$0.0	\$0.0

Appropriations	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Impact Fee Revenues			\$450.0	\$450.0	\$450.0	\$450.0
Revenue Bonds		\$1,450.0	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0
Utility Revenues	\$300.0					
Estimated Cost by Activity	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Construction	X	x	x	x	х	X

Public Works/Utilities - Wastewater

0615 - Sewer N & S of Rol	keby Rd E of 40th S	t (SV) (6) -	110735380615	- 2012/2013 H	INAL		
Group: Trunk Sewer System	1		Prog	gram:Salt Val	ley Basin		
Description: Trunk sewer exte Comp Plan Conformance: In	Conformance With F				Agreement Commitmer e In Service:		
	tatus:Continued						-
Prior Appropriations		r Total	Co	sts Beyond		Project Tot	al
\$0.0	\$8	20.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Revenue Bonds						\$820.0	
Estimated Cost by Activit	су	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Construction						Х	
0617 - Trunk Sewer SW Sa	lt Creek (SW Villag	e) (SV) (6) -	110735380617	- 2012/2013	FINAL		
Group: Trunk Sewer System	1		Prog	<b>gram:</b> Salt Val	ley Basin		
Description: Extend Trunk Se described trunk sewer provides for Agreement Commitment. Comp Plan Conformance: In	meeting future growth and d	levelopment needds	of the City as out	lined in the City's		Annexation	
-	tatus:Continued					00, 20, 2020	
Prior Appropriations	Six Yea	ir Total	Cc	sts Beyond		Project Tot	al
\$0.0	\$5,	600.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Revenue Bonds					\$3,500.0		
Utility Revenues					\$2,100.0		
Estimated Cost by Activit	су	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans					x		
Construction					x		

### Public Works/Utilities - Wastewater 0307 - Rokeby Road, S. 70 to S. 84 (BS)(6) - 070735420307 - 2012/2013 FINAL Group: Trunk Sewer System **Program:**Beals Slough Basin Description: Rokeby Road, S. 70 to S. 84 (resolution #18796). Provides for additional and future capacity by relieving overloaded and surcharging conditions in existing trunk lines due to Lincoln's continuing growth. Extending of the described trunks provides for meeting future growth and development needs of the City as outlined in the City's Comprehensive Plan. Annexation Agreement Commitment. Comp Plan Conformance: Generally Conforms with Plan Anticipated Date In Service: 01/01/2014 Rating: B Status:Continued Prior Appropriations Six Year Total Costs Beyond Project Total \$0.0 \$1,404.0 \$0.0 \$0.0 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Appropriations Revenue Bonds \$1,404.0 Estimated Cost by Activity 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Construction х 0317 - Phase IV - Phase III to N. 98 & O (StC)(6) - 070735450317 - 2012/2013 FINAL Group: Trunk Sewer System **Program:**Stevens Creek Basin Description: Phase IV - extend trunk sewer from Phase III (Holdrege and Stevens Creek) to near the liftstation 102nd and Holdrege and extend the 21" sewer rom the internal Waterford sewer to "O" Street. Extending of the described trunks provides for meeting future growth and development needs of the City as outlined in the City's Comprehensive Plan. Annexation Ageement commitment. Comp Plan Conformance: In Conformance With Plan Anticipated Date In Service: 08/01/2014 Status:Continued Rating: A Prior Appropriations Six Year Total Costs Beyond Project Total \$772.0 \$2,536.0 \$0.0 \$0.0 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 Appropriations Impact Fee Revenues \$670.0 \$700.0 Revenue Bonds \$1,166.0 2017/2018 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 Estimated Cost by Activity Construction х Other х

## Summary of Department Projects

	Summary	' OI	Department	Projects	* Amounts	are
Public Works/Utilities - Wastewater					Thiodireb	ar c
0558 - P Street Liftstation Replacement Ph	h I (MC)	(6)	- 090735460558	8 - 2012/2013	FINAL	
Group: Trunk Sewer System			Pr	ogram:Middle	Creek Basin	L

 Group: Trunk Sewer System
 Program:Middle Creek Basin

 Description: Replacement of P Street Liftstation at "P" Street and Sunvalley Blvd. This station has reached the end of its useful life and requires additional capacity to serve new development in the West "0" Street basin.

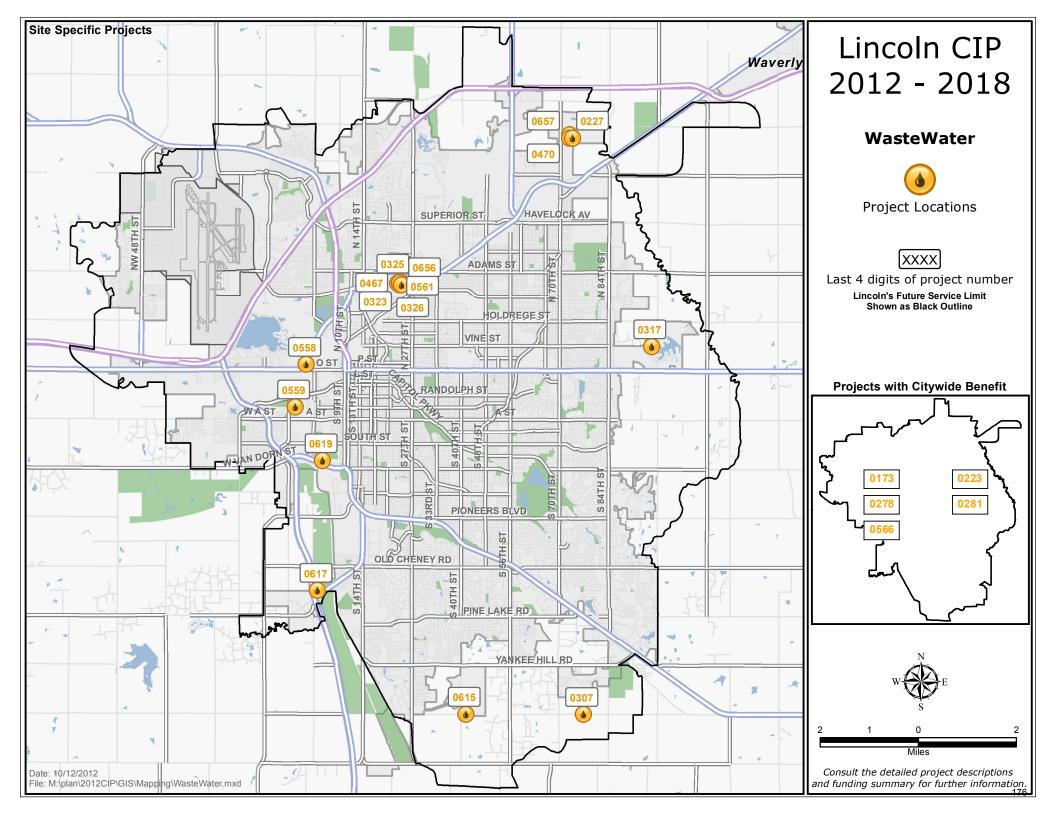
 Comp Plan Conformance: Generally Conforms with Plan
 Anticipated Date In Service: 08/01/2016

Rating: A	Status:Continu	led					
Prior Appropria	ations	Six Year Total	Co	sts Beyond		Project Tot	al
\$0.0		\$2,750.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Revenue Bonds			\$1,500.0	\$1,000.0			
Utility Revenues		\$250.	0				
Estimated Cost by	Activity	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Final Plans			x				
Construction			X	Х			
0559 - W. D St. Li	ftstation Replaceme	ent Ph.II (MC) (6)	- 090735460559	- 2012/2013	FINAL		
Group: Trunk Sewer	System		Prog	gram:Middle C	reek Basin		
liftstation will replace a Creek Basin along "O" Stre	n outdated undersized strue	ment and force main to new cture and provide additiona orms with Plan	l capacity to provid	le wastwater servio		elopment in the Mi	ddle
Rating: B	Status:Continu			Facta -at			
Prior Appropria	ations	Six Year Total	Co	sts Beyond		Project Tot	al
\$0.0		\$200.0		\$0.0		\$0.0	
Appropriations		2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Utility Revenues							\$200.0
Estimated Cost by	Activity	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018

Preliminary Plans

х

in thousands of dollars



# Funding Summary - By Project

\* Amounts are in thousands of dollars

## Public Works/Utilities - Wastewater

Project Title	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
0173 Wastewater cost of street construction (GSI) (6)	\$38.0	\$39.0	\$40.0	\$41.0	\$42.0	\$43.0	\$243.0
0223 Preliminary Design & Engineering (GSI) (6)	\$38.0	\$39.0	\$40.0	\$41.0	\$42.0	\$43.0	\$243.0
0278 Facilities Plan Update (GSI) (6)	\$0.0	\$0.0	\$0.0	\$0.0	\$320.0	\$0.0	\$320.0
<b>0281</b> Selected repair/repl of WW fac/collectors (6)	\$2,300.0	\$2,360.0	\$2,435.0	\$2,500.0	\$2,580.0	\$2,660.0	\$14,835.0
0619 Repair 48" Sewer Pioneers to "O" St (SV) (6)	\$0.0	\$0.0	\$0.0	\$0.0	\$350.0	\$1,000.0	\$1,350.0
0325 Solids Handling Improvements (TSTP)(6)	\$0.0	\$2,000.0	\$1,600.0	\$0.0	\$1,500.0	\$0.0	\$5,100.0
0323 Odor & corrosion control facilities (TSTP)(6)	\$220.0	\$0.0	\$1,000.0	\$1,500.0	\$1,500.0	\$1,000.0	\$5,220.0
<b>0467</b> Emergency Generator Installation (TSTP)(6)	\$500.0	\$0.0	\$0.0	\$0.0	\$0.0	\$250.0	\$750.0
<b>0561</b> Influent Pumping Upgrades (TSTP) (6)	\$120.0	\$945.0	\$500.0	\$0.0	\$0.0	\$0.0	\$1,565.0
0656 NPDES Operating Permit Renewal (TSTP) (6)	\$0.0	\$70.0	\$0.0	\$0.0	\$0.0	\$0.0	\$70.0
0326 Liquid Waste Facilities (TSTP) (6)	\$0.0	\$40.0	\$150.0	\$0.0	\$0.0	\$0.0	\$190.0
0657 NPDES Operating Permit (NETP) (6)	\$0.0	\$40.0	\$0.0	\$0.0	\$0.0	\$0.0	\$40.0
0470 Emergency Generator Installation (NETP)(6)	\$0.0	\$0.0	\$0.0	\$0.0	\$500.0	\$250.0	\$750.0
0227 Solids Handling Improvements (NETP)(6)	\$0.0	\$0.0	\$0.0	\$0.0	\$300.0	\$2,000.0	\$2,300.0
0566 Wastewater Construction Projects for New Growth(6)	\$300.0	\$1,450.0	\$1,450.0	\$1,450.0	\$1,450.0	\$1,450.0	\$7,550.0
0615 Sewer N & S of Rokeby Rd E of 40th St (SV) (6)	\$0.0	\$0.0	\$0.0	\$0.0	\$820.0	\$0.0	\$820.0
0617 Trunk Sewer SW Salt Creek (SW Village) (SV) (6)	\$0.0	\$0.0	\$0.0	\$5,600.0	\$0.0	\$0.0	\$5,600.0
<b>0307</b> Rokeby Road, S. 70 to S. 84 (BS)(6)	\$0.0	\$1,404.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,404.0
<b>0317</b> Phase IV - Phase III to N. 98 & O (StC)(6)	\$1,836.0	\$700.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,536.0
0558 P Street Liftstation Replacement Ph I (MC) (6)	\$250.0	\$1,500.0	\$1,000.0	\$0.0	\$0.0	\$0.0	\$2,750.0
<b>0559</b> W. D St. Liftstation Replacement Ph.II (MC) (6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$200.0	\$200.0
Department Total:	\$5,602.0	\$10,587.0	\$8,215.0	\$11 <b>,</b> 132.0	\$9,404.0	\$8,896.0	\$53,836.0

Funding Sources								
Fund Source	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018		
Impact Fee Revenues	\$670.0	\$700.0	\$450.0	\$450.0	\$450.0	\$450.0	\$3,170.0	
Revenue Bonds	\$2,836.0	\$8,504.0	\$4,000.0	\$6,000.0	\$3,820.0	\$3,000.0	\$28,160.0	
Utility Revenues	\$2,096.0	\$1,383.0	\$3,765.0	\$4,682.0	\$5,134.0	\$5,446.0	\$22,506.0	
	\$5,602.0	\$10,587.0	\$8,215.0	\$11,132.0	\$9,404.0	\$8,896.0	\$53,836.0	
					* Amounts an	re in thousand	ls of dollars	

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