

Future Improvements

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Interceptor System Expansions and Improvements

IMP-100

SYSTEM Future Improvements CATEGORY Interceptor System
 TYPE Expansion/New PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$76,050	\$0	\$0	\$0	\$0	\$8,596	\$0	\$3,015	\$7,785	\$15,795	\$20,344	\$20,514

PROJECT DESCRIPTION

An analysis of the value of the Interceptor System has determined that replacing 2% of the Interceptor infrastructure per year will cost \$30 million annually. This value was used as the minimum amount of future year spending on Interceptor projects. The Interceptor System was determined to constitute 44% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new Interceptor projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE	REQUIRED SERVICES	CONTACTS
Revenue Bonds		Requesting Dept: <u>Engineering</u>
		Dept Contact: <u>Jay Bernas</u>
		Managing Dept: <u>Engineering</u>
Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
Phase III	Jul-15
Phase IV	Jul-16
Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$76,049,660
Est. Program Cost	\$76,049,660

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Pump Station Expansions and Improvements

IMP-101

SYSTEM Future Improvements CATEGORY Pump Station
 TYPE Expansion/New PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$6,372	\$0	\$0	\$0	\$0	\$1,497	\$0	\$537	\$586	\$1,016	\$1,338	\$1,397

PROJECT DESCRIPTION

An analysis of the value of Pump Stations has determined that future replacement costs will be \$6 million annually. This value was used as the minimum amount of future year spending on Pump Station projects. The Pump Stations were determined to constitute 11% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new Pump Station projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE	REQUIRED SERVICES	CONTACTS
Revenue Bonds		Requesting Dept: <u>Engineering</u>
		Dept Contact: <u>Jay Bernas</u>
		Managing Dept: <u>Engineering</u>
Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE	COST ESTIMATE
Phase I <u>Jul-13</u>	Other \$6,371,705
Phase II <u>Jul-14</u>	
Phase III <u>Jul-15</u>	Est. Program Cost \$6,371,705
Phase IV <u>Jul-16</u>	
Phase V <u>Jul-17</u>	
Phase VI <u>Jul-18</u>	
Phase VII <u>Jul-19</u>	
Project Completion <u>Jul-20</u>	

RELATED INFRASTRUCTURE	RELATED PROJECTS

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Treatment Plant Expansions and Improvements

IMP-102

SYSTEM Future Improvements CATEGORY Treatment Plant
 TYPE Expansion/New PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$65,310	\$0	\$0	\$0	\$0	\$4,765	\$4,838	\$7,517	\$8,384	\$13,069	\$14,096	\$12,642

PROJECT DESCRIPTION

An analysis of the value of the Treatment Plants has determined that future replacement costs will be \$20 million annually. This value was used as the minimum amount of future year spending on Treatment Plant projects. The Treatment Plants were determined to constitute 35% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new Treatment Plant projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE	REQUIRED SERVICES	CONTACTS
Revenue Bonds Acct No _____ VRLF No _____		Requesting Dept: <u>Engineering</u> Dept Contact: <u>Jay Bernas</u> Managing Dept: <u>Engineering</u>

PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
Phase III	Jul-15
Phase IV	Jul-16
Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$65,310,291
Est. Program Cost	\$65,310,291

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Administrative Expansions and Improvements

IMP-103

SYSTEM Future Improvements CATEGORY Administrative
 TYPE Expansion/New PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$10,715	\$0	\$0	\$0	\$0	\$1,361	\$0	\$1,030	\$1,125	\$1,950	\$2,568	\$2,681

PROJECT DESCRIPTION

An analysis of the value of the Administrative Facilities has determined that future replacement costs will be 10% of the total CIP budget annually. This value was used as the minimum amount of future year spending on Administrative projects. The Administrative Facilities were determined to constitute 10% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new Administrative projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE	REQUIRED SERVICES	CONTACTS
Revenue Bonds		Requesting Dept: <u>Engineering</u>
		Dept Contact: <u>Jay Bernas</u>
		Managing Dept: <u>Engineering</u>
Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
Phase III	Jul-15
Phase IV	Jul-16
Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$10,715,220
Est. Program Cost	\$10,715,220

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Interceptor System Rehabilitation and Replacement

IMP-104

SYSTEM Future Improvements CATEGORY Interceptor System
 TYPE Rehab/Replacement PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$76,050	\$0	\$0	\$0	\$0	\$8,596	\$0	\$3,015	\$7,785	\$15,795	\$20,344	\$20,514

PROJECT DESCRIPTION

An analysis of the value of the Interceptor System has determined that replacing 2% of the Interceptor infrastructure per year will cost \$30 million annually. This value was used as the minimum amount of future year spending on Interceptor projects. The Interceptor System was determined to constitute 44% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined rehabilitation or replacement Interceptor projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE	REQUIRED SERVICES	CONTACTS
Revenue Bonds		Requesting Dept: <u>Engineering</u>
		Dept Contact: <u>Jay Bernas</u>
		Managing Dept: <u>Engineering</u>
Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
Phase III	Jul-15
Phase IV	Jul-16
Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$76,049,660
Est. Program Cost	\$76,049,660

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Pump Station Rehabilitation and Replacement

IMP-105

SYSTEM Future Improvements CATEGORY Pump Station
 TYPE Rehab/Replacement PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$6,372	\$0	\$0	\$0	\$0	\$1,497	\$0	\$537	\$586	\$1,016	\$1,338	\$1,397

PROJECT DESCRIPTION

An analysis of the value of Pump Stations has determined that future replacement costs will be \$6 million annually. This value was used as the minimum amount of future year spending on Pump Station projects. The Pump Stations were determined to constitute 11% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined rehabilitation or replacement Pump Station projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

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Revenue Bonds		Requesting Dept: <u>Engineering</u> Dept Contact: <u>Jay Bernas</u> Managing Dept: <u>Engineering</u>
Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
Phase III	Jul-15
Phase IV	Jul-16
Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$6,371,705
Est. Program Cost	\$6,371,705

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Treatment Plant Rehabilitation and Replacement

IMP-106

SYSTEM Future Improvements CATEGORY Treatment Plant
 TYPE Rehab/Replacement PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$65,310	\$0	\$0	\$0	\$0	\$4,765	\$4,838	\$7,517	\$8,384	\$13,069	\$14,096	\$12,642

PROJECT DESCRIPTION

An analysis of the value of the Treatment Plants has determined that future replacement costs will be \$20 million annually. This value was used as the minimum amount of future year spending on Treatment Plant projects. The Treatment Plants were determined to constitute 35% of total CIP expenditures. This percentage was used to calculate what will be spent beyond the annual minimum in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined rehabilitation or replacement Treatment Plant projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and Administrative systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

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PROPOSED SCHEDULE

Phase I	Jul-13
Phase II	Jul-14
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Phase V	Jul-17
Phase VI	Jul-18
Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$65,310,291
Est. Program Cost	\$65,310,291

RELATED INFRASTRUCTURE

RELATED PROJECTS

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Administrative Rehabilitation and Replacement

IMP-107

SYSTEM Future Improvements CATEGORY Administrative
 TYPE Rehab/Replacement PROJ STATUS Proposed

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
\$10,715	\$0	\$0	\$0	\$0	\$1,361	\$0	\$1,030	\$1,125	\$1,950	\$2,568	\$2,681

PROJECT DESCRIPTION

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Acct No _____		
VRLF No _____		

PROPOSED SCHEDULE

Phase I	Jul-13
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Phase VII	Jul-19
Project Completion	Jul-20

COST ESTIMATE

Other	\$10,715,220
Est. Program Cost	\$10,715,220

RELATED INFRASTRUCTURE

RELATED PROJECTS

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