

Future Improvements

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$30,881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,153	\$8,058	\$6,870	\$10,799

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Interceptor System should constitute 30% of CIP expenditures. This percentage was verified against the recommendations of the Replacement Planning Model. This methodology will ensure that HRSD has programmed sufficient funding for Interceptor projects in the correct time frame. The total cost of the Interceptor System outer-year placeholder project 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 General 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

COST ESTIMATE

Other	\$30,880,574
Est. Program Cost	\$30,880,574

RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$15,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,577	\$4,029	\$3,435	\$5,400

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Pump Stations should constitute 15% of CIP expenditures. This percentage was verified against the recommendations of the Replacement Planning Model. This methodology will ensure that HRSD has programmed sufficient funding for Pump Station projects in the correct time frame. The total cost of the Pump Station outer-year placeholder project 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 General 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

Other	\$15,440,288
Est. Program Cost	\$15,440,288

RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$46,321	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,730	\$12,087	\$10,305	\$16,199

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Treatment Plants should constitute 45% of CIP expenditures. This percentage was used to calculate what will be spent on Treatment Plant projects 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 General 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

Other	\$46,320,862
Est. Program Cost	\$46,320,862

RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$10,294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,718	\$2,686	\$2,290	\$3,600

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the General System should constitute 10% of CIP expenditures. This percentage was used to calculate what will be spent on General projects 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 General 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 General 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>
Acct No _____		Managing Dept: <u>Engineering</u>
VRLF No _____		

PROPOSED SCHEDULE

COST ESTIMATE

Other \$10,293,525

Est. Program Cost	\$10,293,525
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RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$30,881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,153	\$8,058	\$6,870	\$10,799

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Interceptor System should constitute 30% of CIP expenditures. This percentage was verified against the recommendations of the Replacement Planning Model. This methodology will ensure that HRSD has programmed sufficient funding for Interceptor projects in the correct time frame. The total cost of the Interceptor System outer-year placeholder project 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 General 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>
Acct No _____		Managing Dept: <u>Engineering</u>
VRLF No _____		

PROPOSED SCHEDULE

COST ESTIMATE

Other \$30,880,574

Est. Program Cost	\$30,880,574
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RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$15,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,577	\$4,029	\$3,435	\$5,400

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Pump Stations should constitute 15% of CIP expenditures. This percentage was verified against the recommendations of the Replacement Planning Model. This methodology will ensure that HRSD has programmed sufficient funding for Pump Station projects in the correct time frame. The total cost of the Pump Station outer-year placeholder project 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 General 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

Other	\$15,440,288
Est. Program Cost	\$15,440,288

RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$46,321	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,730	\$12,087	\$10,305	\$16,199

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Treatment Plants should constitute 45% of CIP expenditures. This percentage was used to calculate what will be spent on Treatment Plant projects 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 General 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

Other	\$46,320,862
Est. Program Cost	\$46,320,862

RELATED INFRASTRUCTURE

RELATED PROJECTS

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

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
\$10,294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,718	\$2,686	\$2,290	\$3,600

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the General System should constitute 10% of CIP expenditures. This percentage was used to calculate what will be spent on General projects 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 General 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 General 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

Other \$10,293,525

Est. Program Cost	\$10,293,525
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RELATED INFRASTRUCTURE

RELATED PROJECTS

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