

Criteria #	Scoring	Project											
		2094	2362	2353	2595	2339	2383	2392	2599	2359	2394	2596	2404
		Scotts Flat Spillway Repair and Upgrades	CPPH Transformer Replacement	CPPH Turbine Overhaul	Scotts Flat Dam Wave Erosion Protection	Rucker Creek Spillgate Replacement	CPPH Rewind	RPH Governor Replacement	Christmas Tree Spill Gate Replacement	Bowman North Dam Upstream Lining Repairs	RPH Relay Protection Upgrade	Sawmill Dam Outlet Pipe Rehab	Fall Creek Flume Improvement
1. Capital Costs	10 Points - Lower Future Capital Costs 5 Points - No Impact 0 Points - Higher Future Capital Costs	10	8	9	6	7	9	7	7	7	7	7	
2. Annual Operation and Maintenance Costs	10 Points - Lower Operating Costs 5 Points - No Impact 0 Points - Higher Operating Costs	10	6	8	5	7	6	8	7	8	8	5	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5	5	6	5	5	5	7	5	5	6	5	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points -No Impact 0 Points - Increases Threat/Impact to Health and Safety	10	10	8	9	10	7	5	10	8	7	9	7
5. Environmental	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	9	5	5	7	8	5	7	8	5	5	7	6
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	9	8	8	9	10	8	8	10	9	8	7	10
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	10	10	7	10	4	9	7	4	9	7	9	5
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10	10	10	10	10	10	10	10	10	10	10	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	3	5	5	5	5	5	5	5	5	5	5	5
10. New Capital Asset will have associated revenue that offsets maintenance cost	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0	2	2	0	1	2	2	1	0	0	0	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	8	6	7	8	6	7	7	6	5	7	5	5
Max Score: 100	TOTAL PRIORITIZATION SCORE	84	75	75	74	73	73	73	73	71	70	69	68

Criteria #	Scoring	Project										
		2581	2598	2544	2597	2576	2600	2601	2405	2240	6943	2432
		CNPH Capacitor Bank Upgrade	CPPH RTU Replacement	DFPH#2 Powerhouse Cooling Water	Jackson Lake Dam Toe Slope Protection	Fall Creek Diversion Flume Improvement	BS Canal Lining Repair at Boxcar Spill	SCADA Software Upgrades	New Hydroelectric Field Office 2 Radio Tower	DFPH #2 Fire Suppression System Upgrade	Combie South Access Road	New Hydroelectric Office
1. Capital Costs	10 Points - Lower Future Capital Costs 5 Points - No Impact 0 Points - Higher Future Capital Costs	5	7	8	7	7	6	7	6	5	5	6
2. Annual Operation and Maintenance Costs	10 Points - Lower Operating Costs 5 Points - No Impact 0 Points - Higher Operating Costs	9	8	9	5	8	6	7	8	0	7	7
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	9	5	5	5	5	5	5	7	5	5	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points -No Impact 0 Points - Increases Threat/Impact to Health and Safety	5	5	5	9	7	7	5	5	10	9	5
5. Environmental	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5	5	5	7	6	6	5	5	5	5	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	5	8	7	5	7	10	5	7	7	5	4
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	5	7	4	8	5	5	7	0	8	3	2
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10	10	10	10	10	10	10	10	10	7	7
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5	5	5	5	5	5	5	5	5	5	2
10. New Capital Asset will have associated revenue that offsets maintenance cost	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	4	2	1	0	0	0	0	3	0	0	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5	5	7	5	5	5	8	7	7	5	5
Max Score: 100	TOTAL PRIORITIZATION SCORE	67	67	66	66	65	65	64	63	62	56	48



2022 Annual Budget

Project Name: Scotts Flat Spillway Repair and Upgrades **Project No.: 2094**

Dept. 50112-HYDRO Program: 52921-Reservoirs, Dams & Waterways Priority Ranking: 84

Facility: Scotts Flat Spillway Facility #: 57901 Division #: N/A

Project Manager: Dar Chen Constructed by: Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Upgrade the Scotts Flat Spillway as necessary to safely pass the probable maximum flood as required by DSOD and FERC.

Project Description: (Proposed Solution)

Studies and hydraulic modeling of favorite alternatives; design of modifications of spillway chute, chute walls, and the terminal energy dissipation structure; construction of the design.

Basis for Priority:

Public safety, critical infrastructure, Regulator required

Project Financial Summary:

Project Estimate: 16,000,000 Total Spent to Date: 678,700 Current Year Budget: 500,000

Anticipated Expenses to End of Year: 500,000 Amount Remaining in Current Year Budget: 500,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies			100,000					100,000
Design/Engineering			900,000					900,000
Permitting/CEQA								0
Construction				15,000,000				15,000,000
Right of Way								0
Other:								0
Total:	0	0	1,000,000	15,000,000	0	0	0	16,000,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52921			1,000,000	15,000,000				16,000,000
								0
								0
Total:	0	0	1,000,000	15,000,000	0	0	0	16,000,000

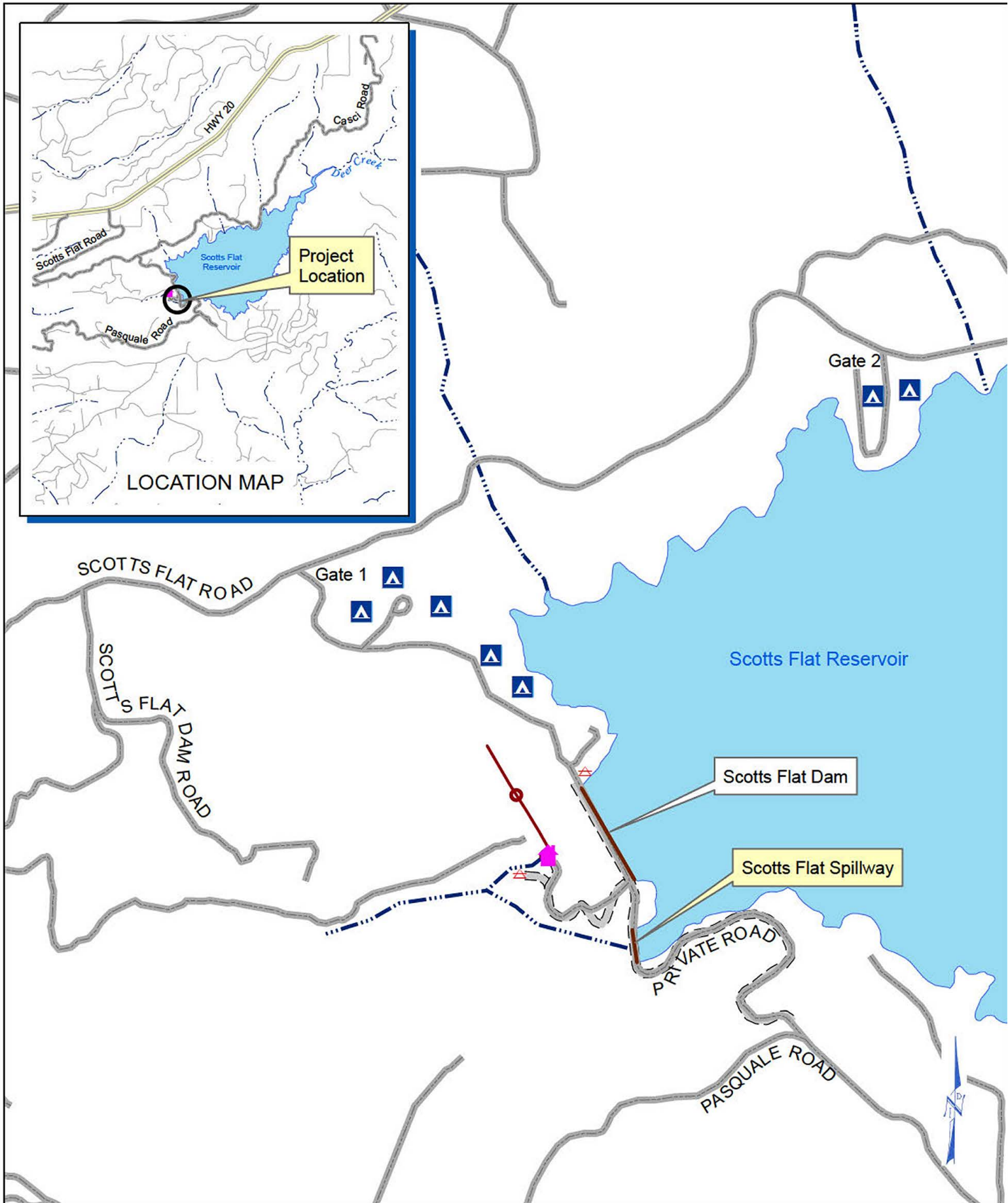
Notes: Required by FERC

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Scotts Flat Spillway Repair and Upgrades

Project No.: 2094

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	10
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	10
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	10
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	9
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	9
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	10
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	3
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	8
Max Score:100		Total Prioritization Score:84



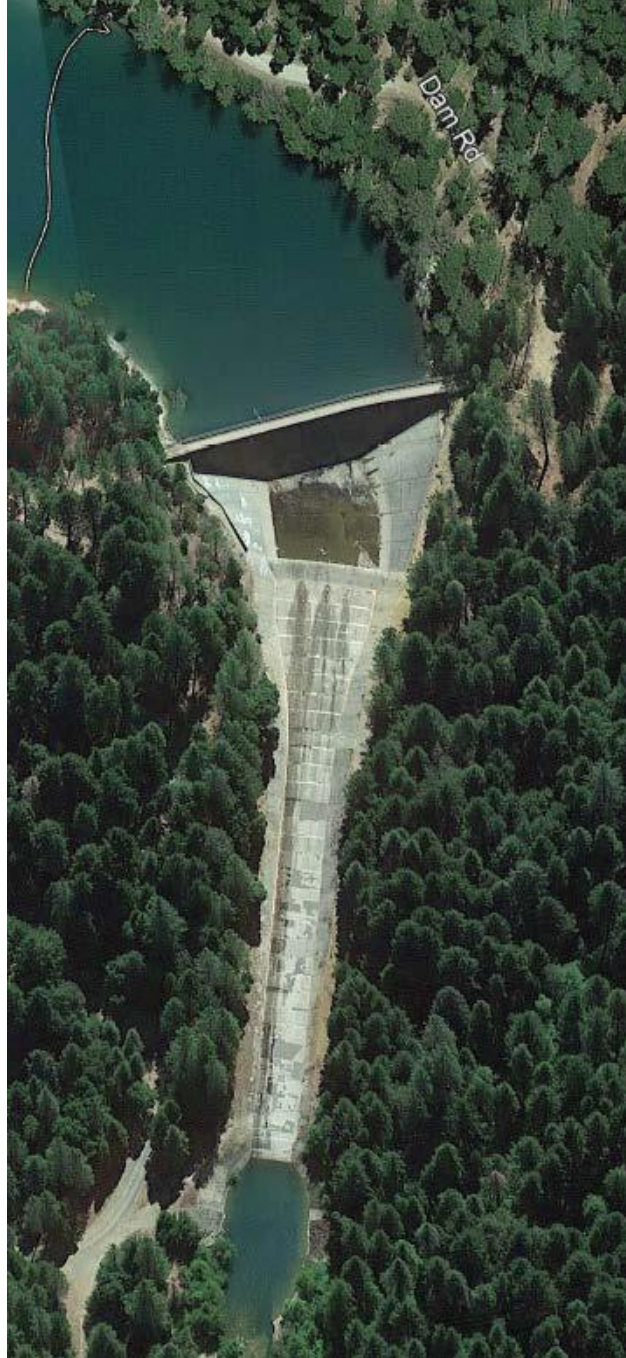
SCOTTS FLAT SPILLWAY



Date: 9/15/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 5 Sheet: 1 of 1





2022 Annual Budget

Project Name: Chicago Park Powerhouse Transformer Replacement **Project No.:** 2362

 Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 75
 Facility: Chicago Park Powerhouse Facility #: 57300 Division #: N/A
 Project Manager: Nathan Droivold Constructed by: NID & Contractors
 New Construction: Replacement: Upgrades: Multiple Phases:
 CEQA: Permits: ROW:

Project Purpose: (Problem Statement)
 Improve facility efficiency and performance by replacing or upgrading the existing main transformer (original 1960's vintage) at Chicago Park Powerhouse.

Project Description: (Proposed Solution)
 Replace or upgrade the existing main transformer and appurtenances.

Basis for Priority:
 Health and safety, critical powerhouse system

Project Financial Summary:

Project Estimate: 2,400,000 Total Spent to Date: 12,348.5 Current Year Budget: 50,000
 Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 37,652

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies	12,300							12,300
Design/Engineering			150,000					150,000
Permitting/CEQA								0
Construction				1,500,000	750,000			2,500,000
Right of Way								0
Other:								0
Total:	12,300	0	150,000	1,500,000	750,000	0	0	2,400,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920	12,300		150,000	1,500,000	750,000			2,400,000
								0
								0
Total:	12,300	0	150,000	1,500,000	750,000	0	0	2,400,000

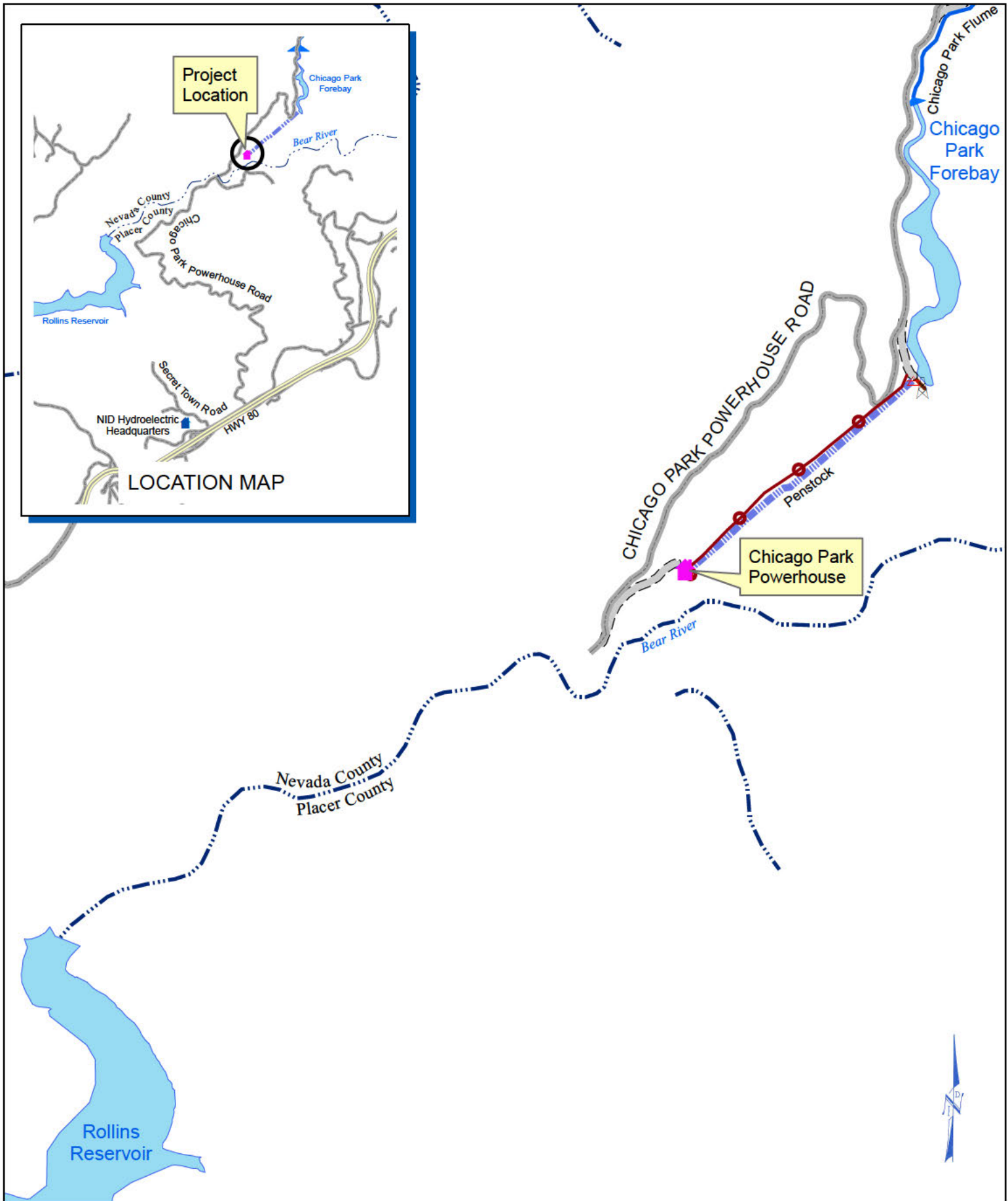
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Chicago Park Powerhouse Transformer Replacement

Project No.: 2362

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	8
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	6
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	10
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	10
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	2
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	6
Max Score:100		Total Prioritization Score:75



CHICAGO PARK POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 9 Sheet: 1 of 1





2022 Annual Budget

Project Name: Chicago Park Powerhouse Turbine Overhaul Project No.: 2353

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 75

Facility: Chicago Park Powerhouse Facility #: 57300 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID & Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve facility efficiency and performance by replacing or upgrading the existing turbine (original 1960's vintage) at Chicago Park Powerhouse.

Project Description: (Proposed Solution)

Replace or upgrade the existing turbine and appurtenances.

Basis for Priority:

Operational efficiency, critical powerhouse system

Project Financial Summary:

Project Total Spent to Date: 12,348 Current Year Budget: 100,000
 Estimate: 2,650,000

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 87,652

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies	12,300							12,300
Design/Engineering			150,000					150,000
Permitting/CEQA								0
Construction				1,250,000	1,250,000			2,500,000
Right of Way								0
Other:								0
Total:	12,300	0	150,000	1,250,000	1,250,000	0	0	2,662,300

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920	12,300		150,000	1,250,000	1,250,000			2,662,300
								0
								0
Total:	12,300	0	150,000	1,250,000	1,250,000	0	0	2,662,300

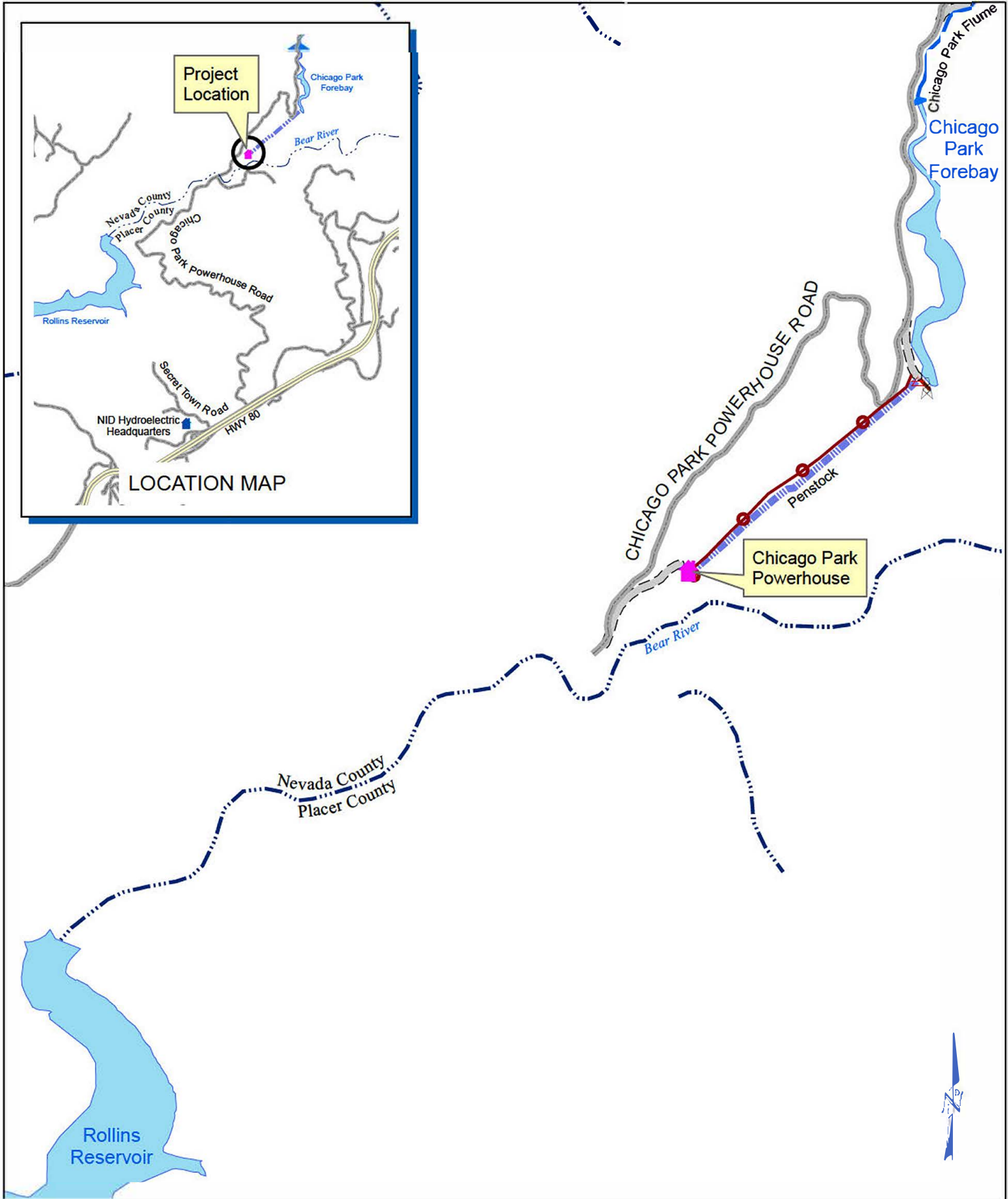
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Chicago Park Powerhouse Turbine Overhaul

Project No.: 2353

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	9
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	6
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	8
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	7
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	2
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:75



CHICAGO PARK POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 13

Sheet: 1 of 1





2022 Annual Budget

Project Name: Scotts Flat Dam Wave Erosion Protection Project No.: 2595

Dept. 50112-HYDRO Program: 52921-Reservoirs, Dams & Waterways Priority Ranking: 74

Facility: Scotts Flat Dam Facility #: 57901 Division #: N/A

Project Manager: Dar Chen Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Protect the Scotts Flat Dam from erosive wave action during a probable maximum flood (PMF) event.

Project Description: (Proposed Solution)

Design and install new erosion protection at/near the crest of the upstream face of Scotts Flat Dam to protect the dam from wave action during a PMF event.

Basis for Priority:

Public safety, critical infrastructure, Regulator required

Project Financial Summary:

Project Estimate:525,000 Total Spent to Date:0 Current Year Budget:0

Anticipated Expenses to End of Year:0 Amount Remaining in Current Year Budget:0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies			75,000					75,000
Design/Engineering								0
Permitting/CEQA								0
Construction				450,000				450,000
Right of Way								0
Other:								0
Total:	0	0	75,000	450,000	0	0	0	525,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52921			75,000	450,000				525,000
								0
								0
Total:	0	0	75,000	450,000	0	0	0	525,000

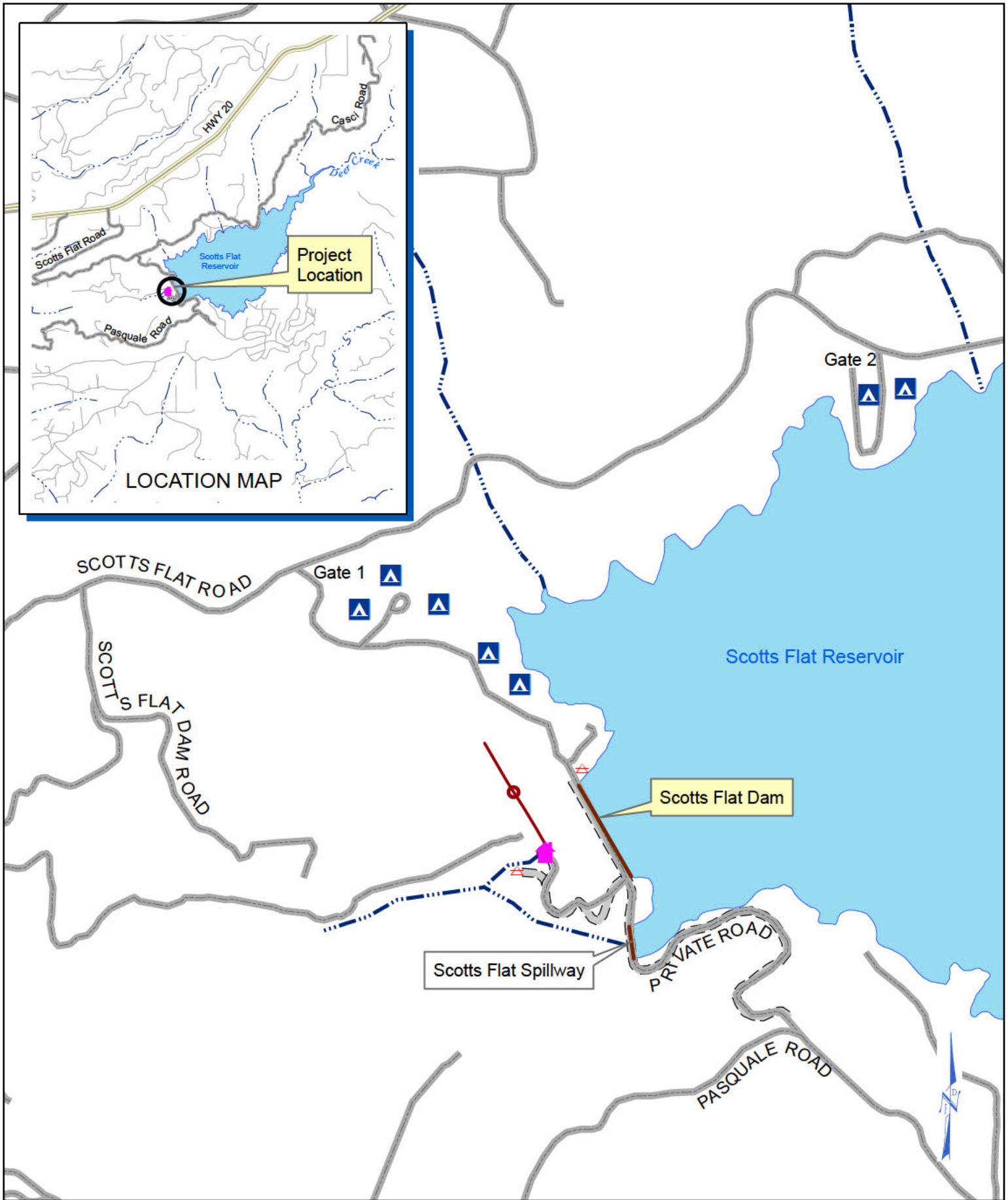
Notes: Required by FERC

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Scotts Flat Dam Wave Erosion Protection

Project No.: 2595

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	6
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	5
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	9
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	7
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	9
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	10
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	8
Max Score:100		Total Prioritization Score:74



SCOTTS FLAT DAM



Date: 9/15/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY – PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 17 Sheet: 1 of 1





2022 Annual Budget

Project Name: Rucker Creek Spillgate Replacement

Project No.: 2339

Dept. 50112-HYDRO Program: 52923-Upper Division Waterway Priority Ranking: 73

Facility: Rucker Creek Spill Facility #: 57207 Division #: N/A

Project Manager: Doug Roderick Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve canal operational efficiency and reduce safety hazards related to operator callouts during storm events.

Project Description: (Proposed Solution)

Replace existing radial gate at Rucker Creek Diversion with an overshot gate to improve personnel safety and operational performance.

Basis for Priority:

Health and safety, operational efficiency

Project Financial Summary:

Project Estimate:300,000 Total Spent to Date:50,000 Current Year Budget:250,000

Anticipated Expenses to End of Year:0 Amount Remaining in Current Year Budget:250,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering	50,000							50,000
Permitting/CEQA								0
Construction			250,000					250,000
Right of Way								0
Other:								0
Total:	50,000	0	250,000	0	0	0	0	300,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52923	50,000		250,000					300,000
								0
								0
Total:	50,000	0	250,000	0	0	0	0	300,000

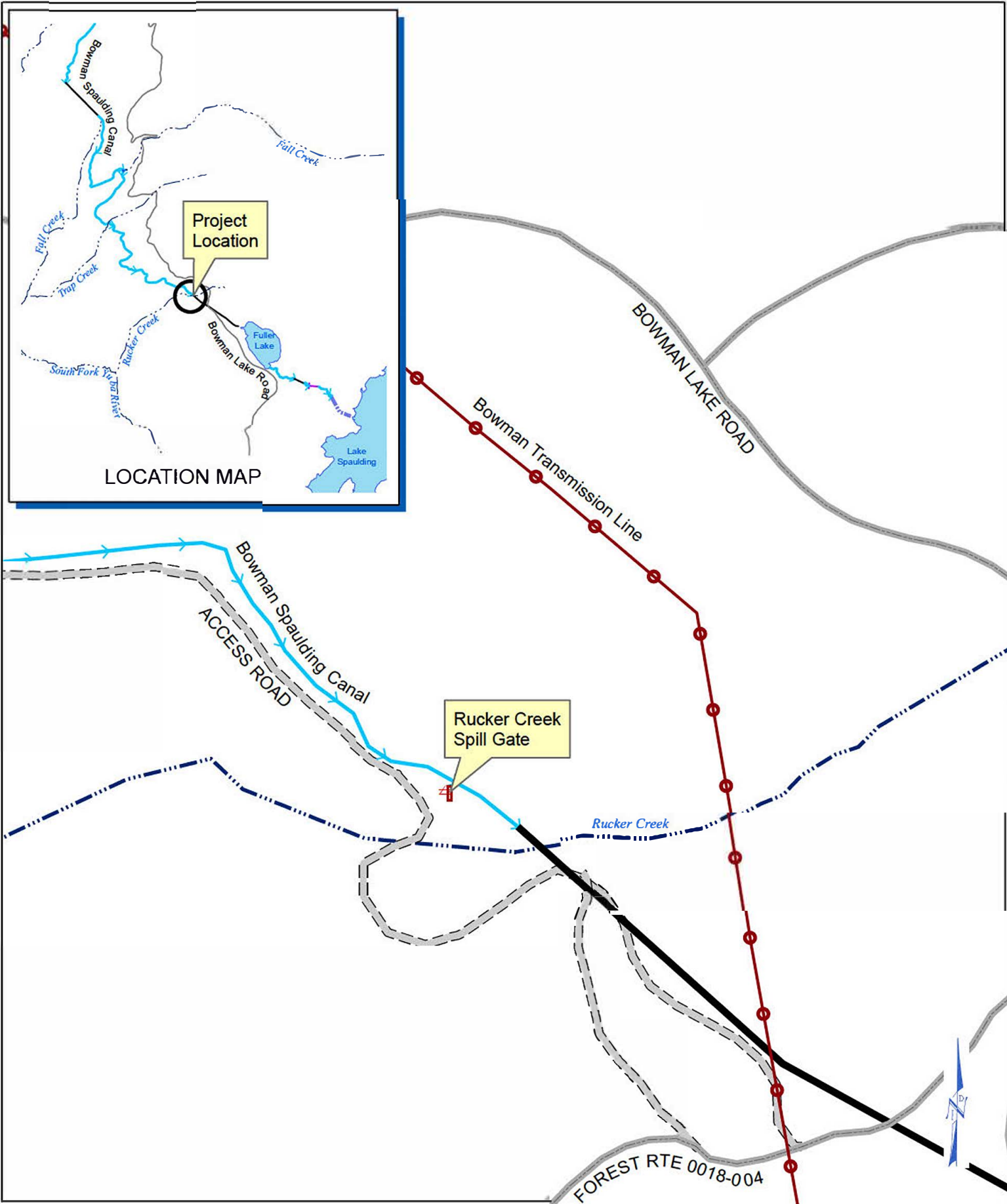
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Rucker Creek Spillgate Replacement

Project No.:2339

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	7
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	10
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	8
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	10
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	4
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	1
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	6
Max Score:100		Total Prioritization Score:73



RUCKER CREEK SPILL GATE



Date: 9/14/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY - PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 21 Sheet: 1 of 1





2022 Annual Budget

Project Name: Chicago Park Powerhouse Rewind

Project No.: 2383

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 73

Facility: Chicago Park Powerhouse Facility #: 57300 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID & Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve generator efficiency and ensure safe plant operation by disassembling, cleaning, and rebuilding the onsite generator.

Project Description: (Proposed Solution)

Replace deteriorated generator windings, insulation, poles, and other generator appetences. The last rewind was completed in 1991, and test results are showing signs of needing to complete another.

Basis for Priority:

Operational efficiency, critical powerhouse system

Project Financial Summary:

Project Estimate: 8,150,000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			150,000					150,000
Permitting/CEQA								0
Construction				8,000,000				8,000,000
Right of Way								0
Other:								0
Total:	0	0	150,000	8,000,000	0	0	0	8,150,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			150,000	8,000,000				8,150,000
								0
								0
Total:	0	0	150,000	8,000,000	0	0	0	8,150,000

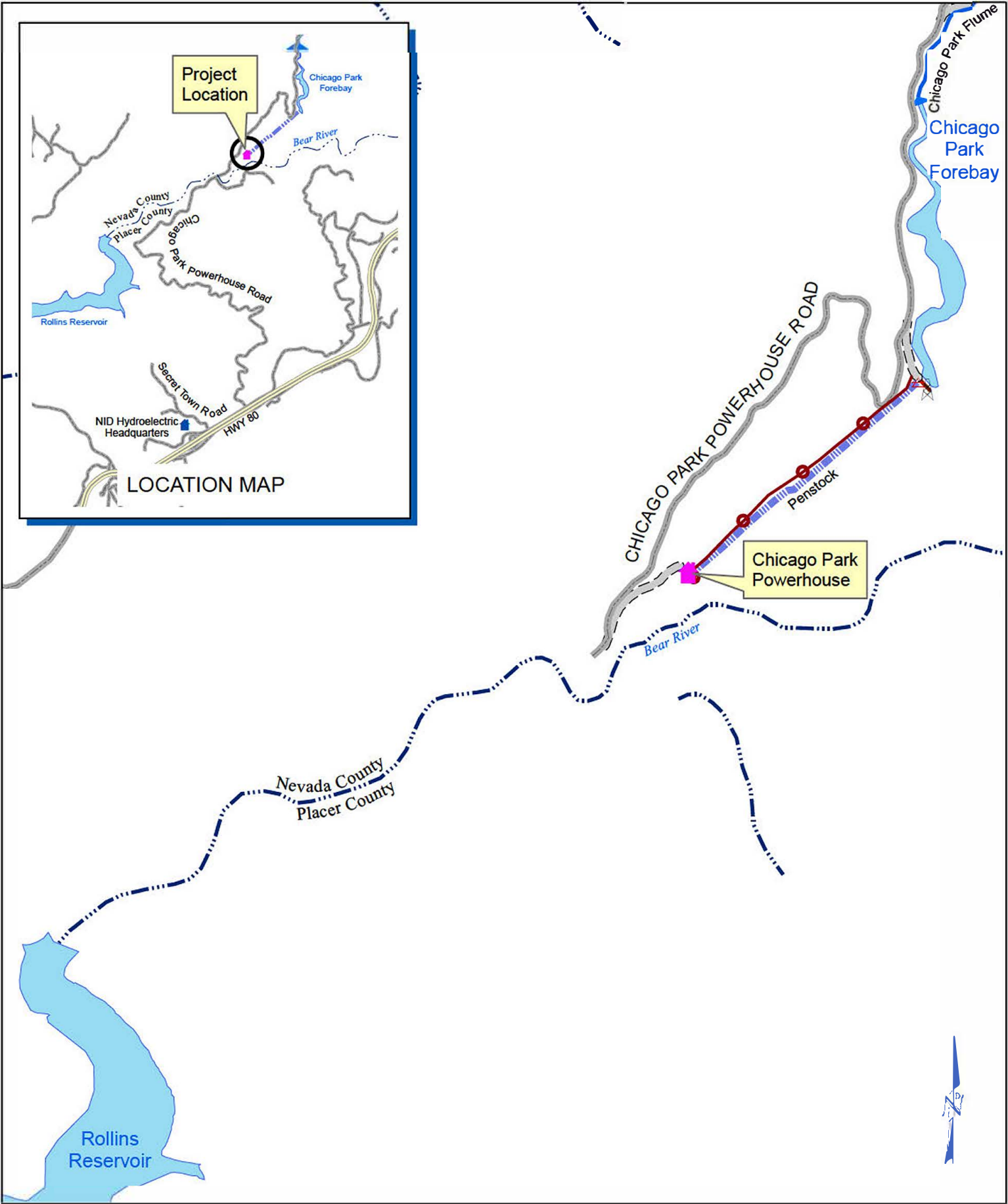
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Chicago Park Powerhouse Rewind

Project No.: 2383

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	9
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	6
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	7
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	9
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	2
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:73



CHICAGO PARK POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 25

Sheet: 1 of 1





2022 Annual Budget

Project Name: Rollins Powerhouse Governor Replacement Project No.: 2392

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 73

Facility: Rollins Powerhouse Facility #: 57400 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID & Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve facility efficiency and performance by replacing or upgrading the existing mechanical governor (original 1980's vintage) at Rollins Powerhouse.

Project Description: (Proposed Solution)

Replace or upgrade the existing governor and appurtenances.

Basis for Priority:

Operational efficiency

Project Financial Summary:

Project Estimate: 550,000 Total Spent to Date: 0 Current Year Budget: 50,000

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 50,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies			150,000					150,000
Design/Engineering								0
Permitting/CEQA								0
Construction				400,000				400,000
Right of Way								0
Other:								0
Total:	0	0	150,000	400,000	0	0	0	550,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			150,000	400,000				550,000
								0
								0
Total:	0	0	150,000	400,000	0	0	0	550,000

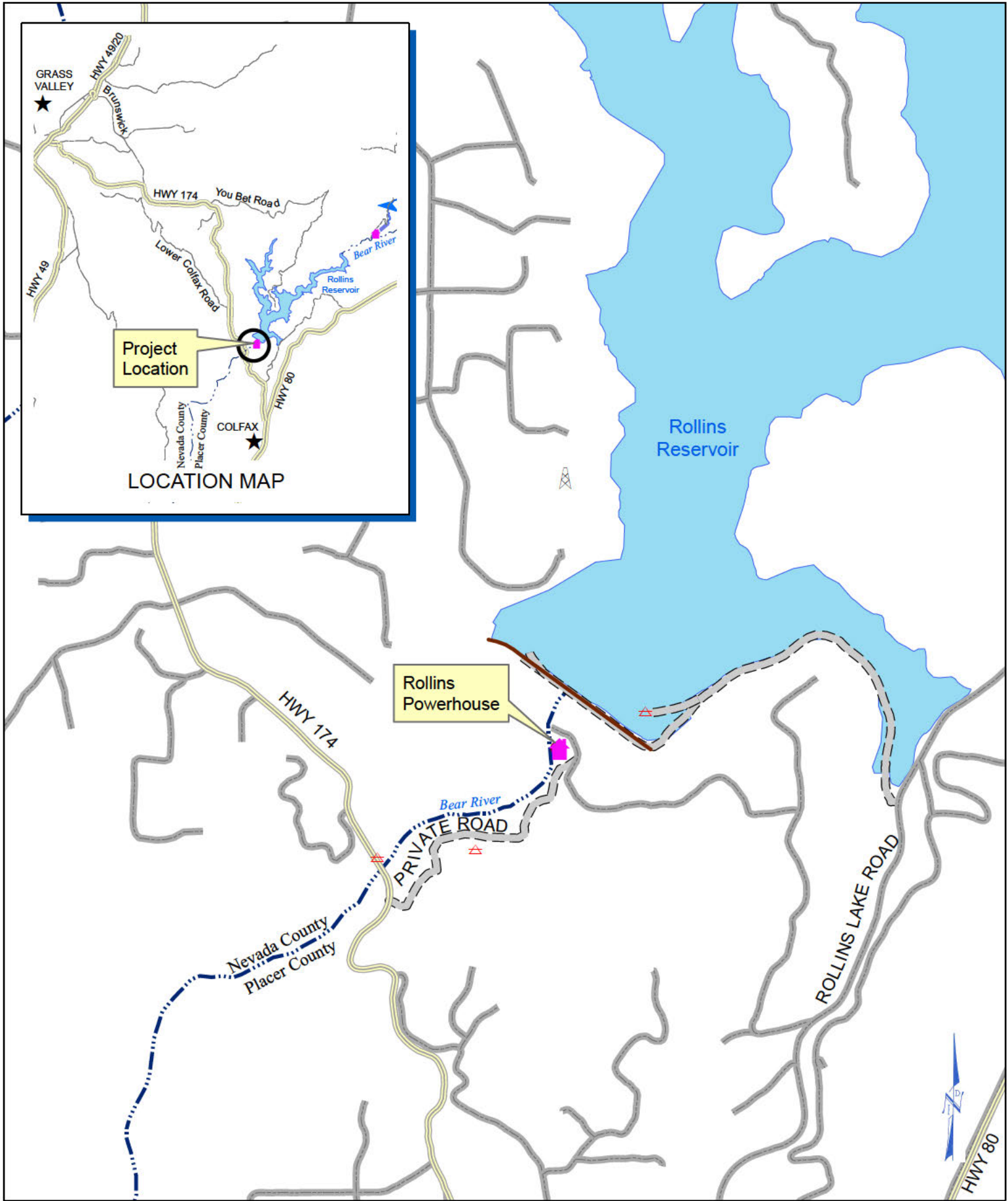
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Rollins Powerhouse Governor Replacement

Project No.: 2392

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	7
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	7
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	7
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	2
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:73



ROLLINS POWERHOUSE



Date: 9/15/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY – PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 29 Sheet: 1 of 1





2022 Annual Budget

Project Name: Christmas Tree Spill Gate Replacement

Project No.: 2599

Dept. 50112-HYDRO Program: 52923-Upper Division Waterway Priority Ranking: 73

Facility: Bowman-Spaulding Canal Facility #: 57202 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve canal operational efficiency and reduce safety hazards related to operator callouts during storm events.

Project Description: (Proposed Solution)

Replace existing radial gate at Christmas Tree Spill with an overshot gate to improve personnel safety and operational performance.

Basis for Priority:

Health and safety, operational efficiency

Project Financial Summary:

Project Estimate: 300000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			50,000					50,000
Permitting/CEQA								0
Construction				250,000				250,000
Right of Way								0
Other:								0
Total:	0	0	50,000	250,000	0	0	0	300,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			50,000	250,000				300,000
								0
								0
Total:	0	0	50,000	250,000	0	0	0	300,000

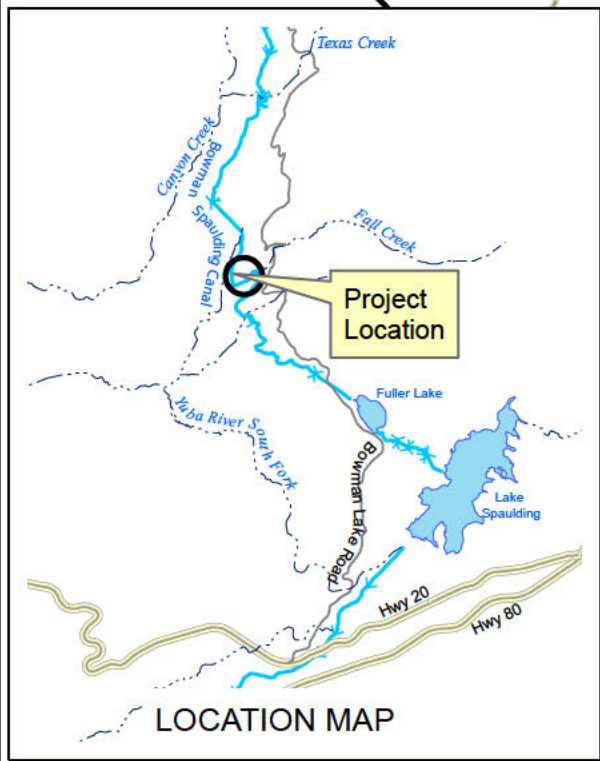
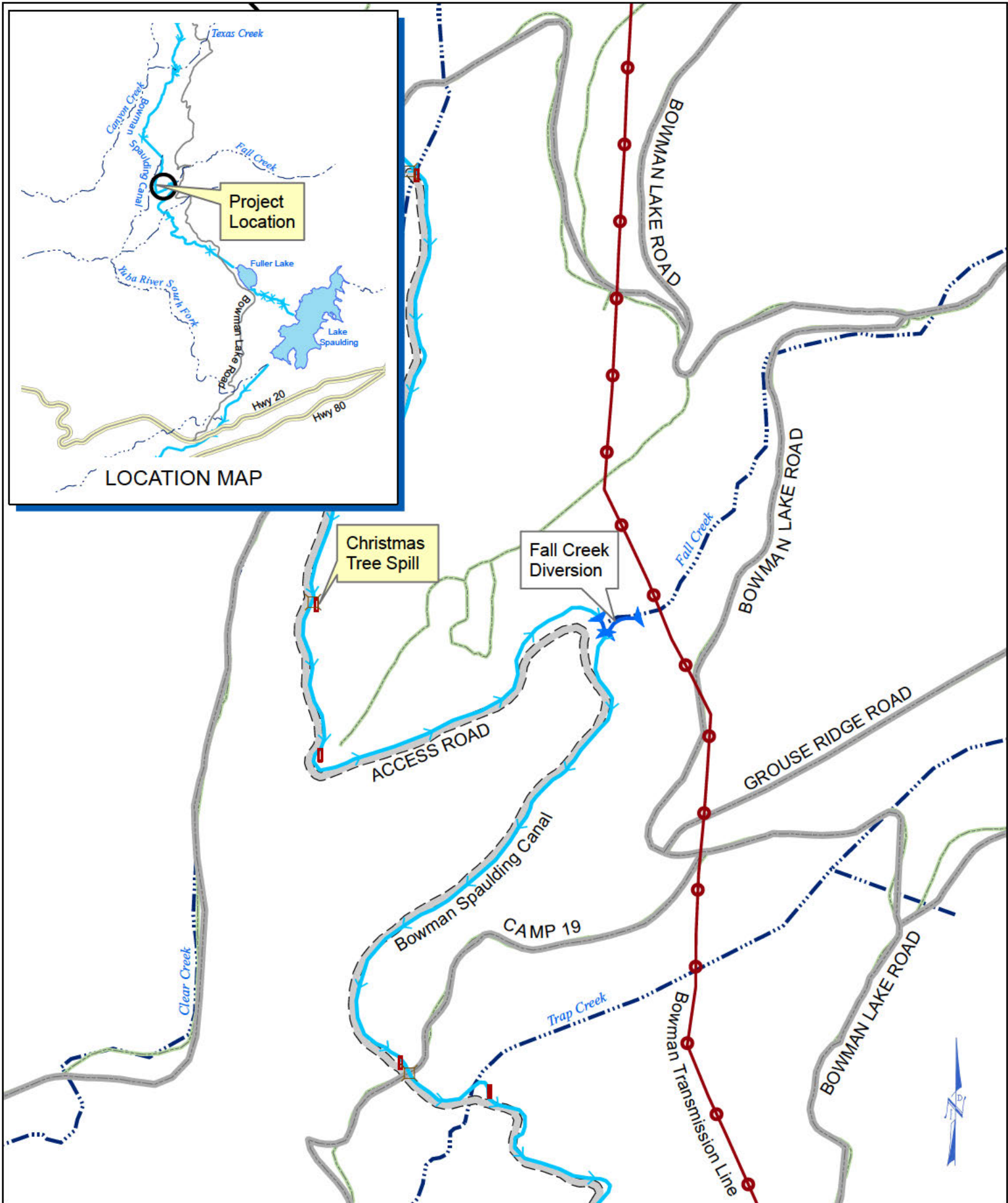
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Christmas Tree Spill Gate Replacement

Project No.: 2599

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	7
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	10
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	8
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	10
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	4
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	1
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	6
Max Score:100		Total Prioritization Score:73



CHRISTMAS TREE SPILL



Date: 9/16/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY – PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 33 Sheet: 1 of 1





2022 Annual Budget

Project Name: Bowman North Dam Upstream Lining Repairs Project No.: 2359

Dept. 50112-HYDRO Program: 52921-Reservoirs, Dams & Waterways Priority Ranking: 71

Facility: Bowman North Dam Facility #: 57109 Division #: N/A

Project Manager: Dar Chen Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Repair and/or replace damaged lining on the upstream face of Bowman North Dam to minimize its leakage.

Project Description: (Proposed Solution)

Design and construction of repair and replacement of damaged concrete lining panels and joints.

Basis for Priority:

Public safety, critical infrastructure

Project Financial Summary:

Project Estimate:\$400,000 Total Spent to Date:0 Current Year Budget:0

Anticipated Expenses to End of Year:0 Amount Remaining in Current Year Budget:0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			100,000					100,000
Permitting/CEQA								0
Construction				150,000	150,000			300,000
Right of Way								0
Other:								0
Total:	0	0	100,000	150,000	150,000	0	0	400,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52921			100,000	150,000	150,000			400,000
								0
								0
Total:	0	0	100,000	150,000	150,000	0	0	400,000

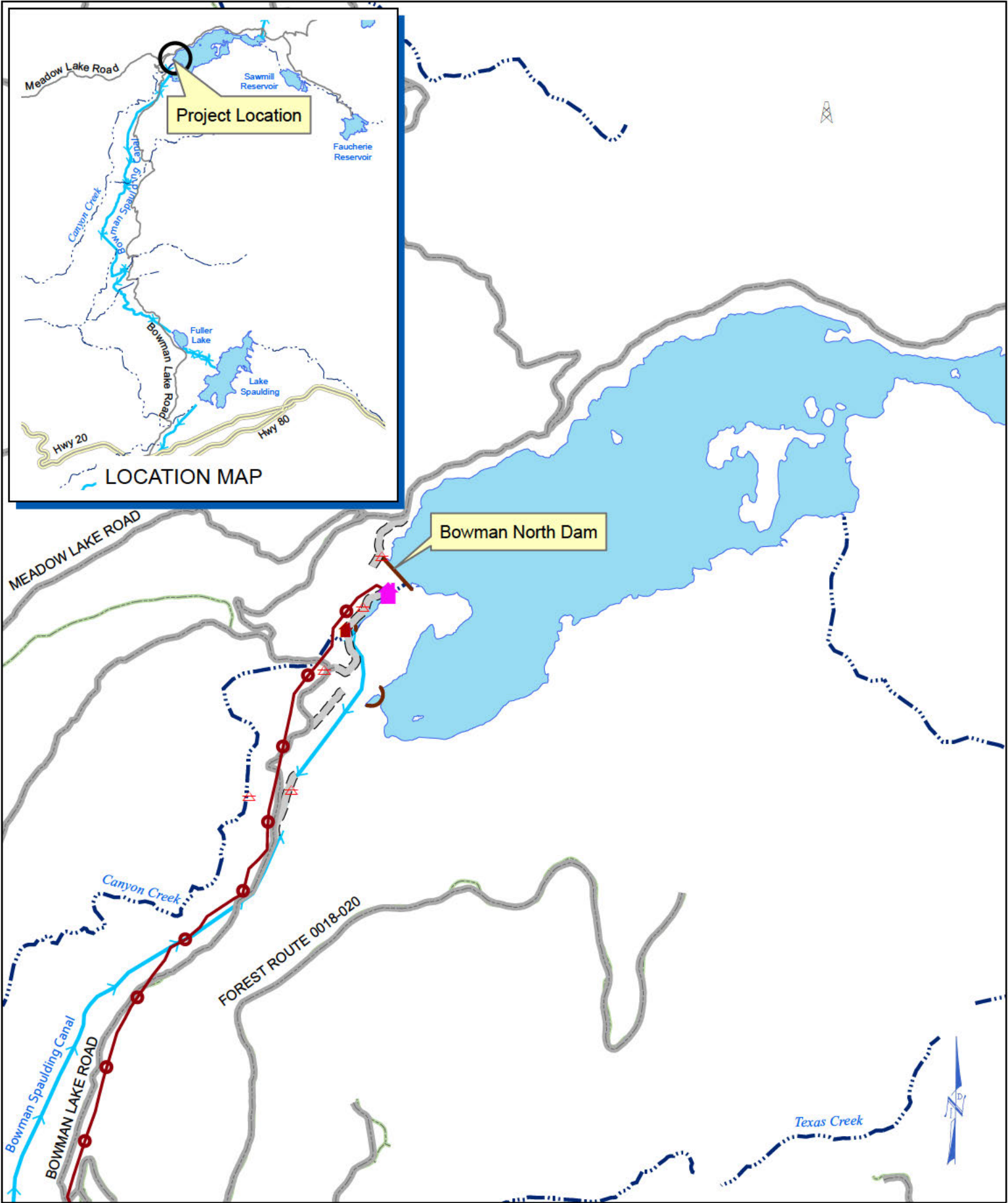
Notes: Required by FERC

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Bowman North Dam Upstream Lining Repairs

Project No.: 2359

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	8
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	9
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	9
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:71



BOWMAN NORTH DAM



Date: 9/13/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 37 Sheet: 1 of 1





2022 Annual Budget

Project Name: Rollins Powerhouse Relay Protection Upgrade Project No.: 2394

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 70

Facility: Rollins Powerhouse Facility #: 57400 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Provide improved high voltage protection for RPH by upgrading the relay system. This will improve plant efficiency and better protect onsite equipment.

Project Description: (Proposed Solution)

Upgrade protective relay system by removing original (1980's vintage) electro-mechanical relays and installing new programmable, multi-function relays and annunciators.

Basis for Priority:

Equipment protection, critical powerhouse system

Project Financial Summary:

Project Estimate: 450,000 Total Spent to Date: 25,000 Current Year Budget: 150,000

Anticipated Expenses to End of Year: 125,000 Amount Remaining in Current Year Budget: 125,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies	200,000							200,000
Design/Engineering								0
Permitting/CEQA								0
Construction			250,000					250,000
Right of Way								0
Other:								0
Total:	200,000	0	250,000	0	0	0	0	450,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920	200,000		250,000					450,000
								0
								0
Total:	200,000	0	250,000	0	0	0	0	450,000

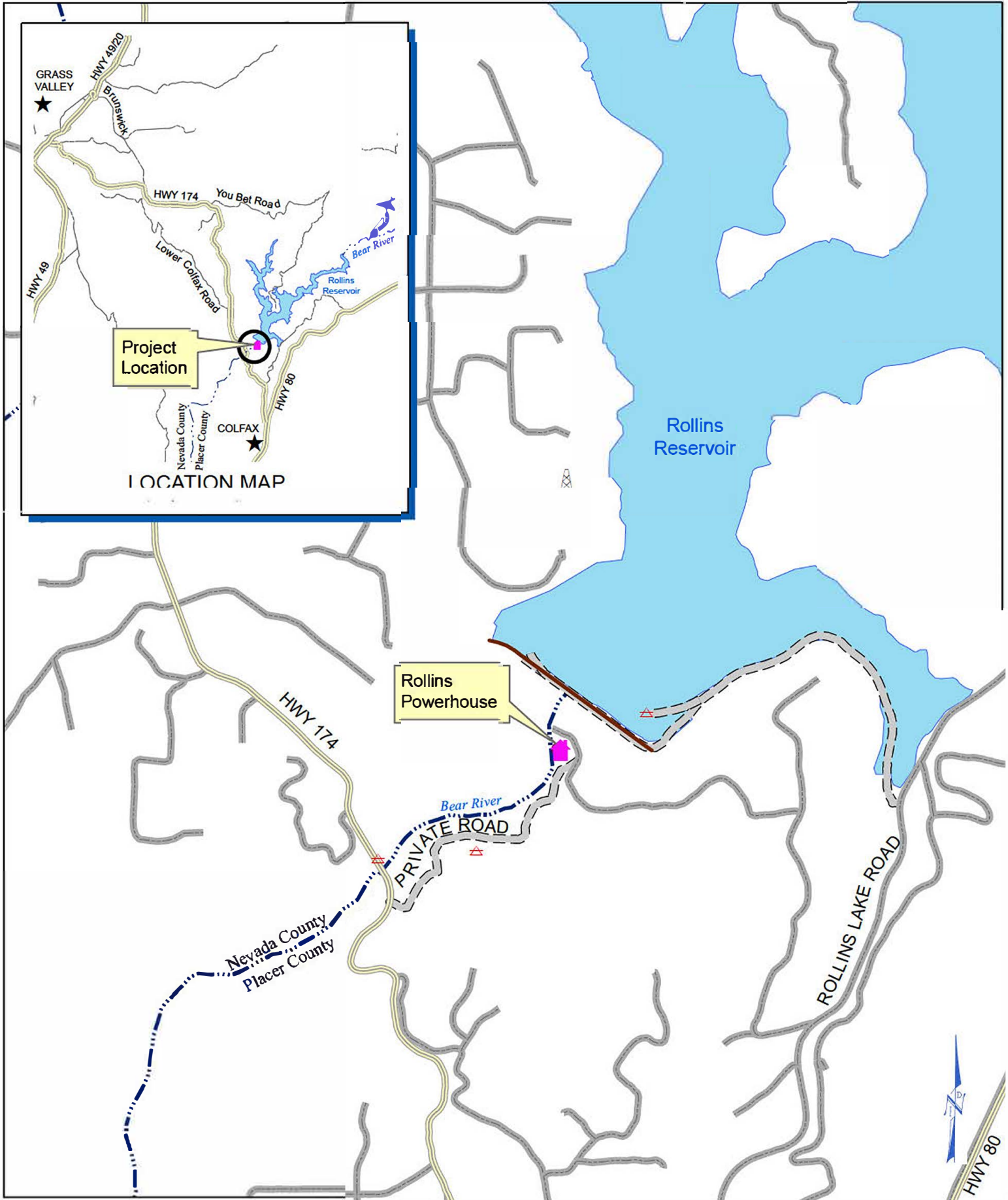
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Rollins Powerhouse Relay Protection Upgrade

Project No.: 2394

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	6
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	7
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	7
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:70



ROLLINS POWERHOUSE



Date: 9/15/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 41 Sheet: 1 of 1





2022 Annual Budget

Project Name: Sawmill Dam Outlet Pipe Rehabilitation

Project No.: 2596

Dept. 50112-HYDRO Program: 52921-Reservoirs, Dams & Waterways Priority Ranking: 69

Facility: Sawmill Dam Facility #: 57108 Division #: N/A

Project Manager: Dar Chen Constructed by: Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve integrity and soundness of the outlet pipe to ensure safe performance of Sawmill Dam.

Project Description: (Proposed Solution)

Investigate and survey the conditions of the outlet pipe of Sawmill Dam. Design the repair, modification, and/or replacement of the existing pipe, and complete the construction.

Basis for Priority:

Public safety, critical infrastructure, Regulator required

Project Financial Summary:

Project Estimate: 500000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies			100,000					100,000
Design/Engineering								0
Permitting/CEQA								0
Construction				400,000				400,000
Right of Way								0
Other:								0
Total:	0	0	100,000	400,000	0	0	0	500,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52921			100,000	400,000				500,000
								0
								0
Total:	0	0	100,000	400,000	0	0	0	500,000

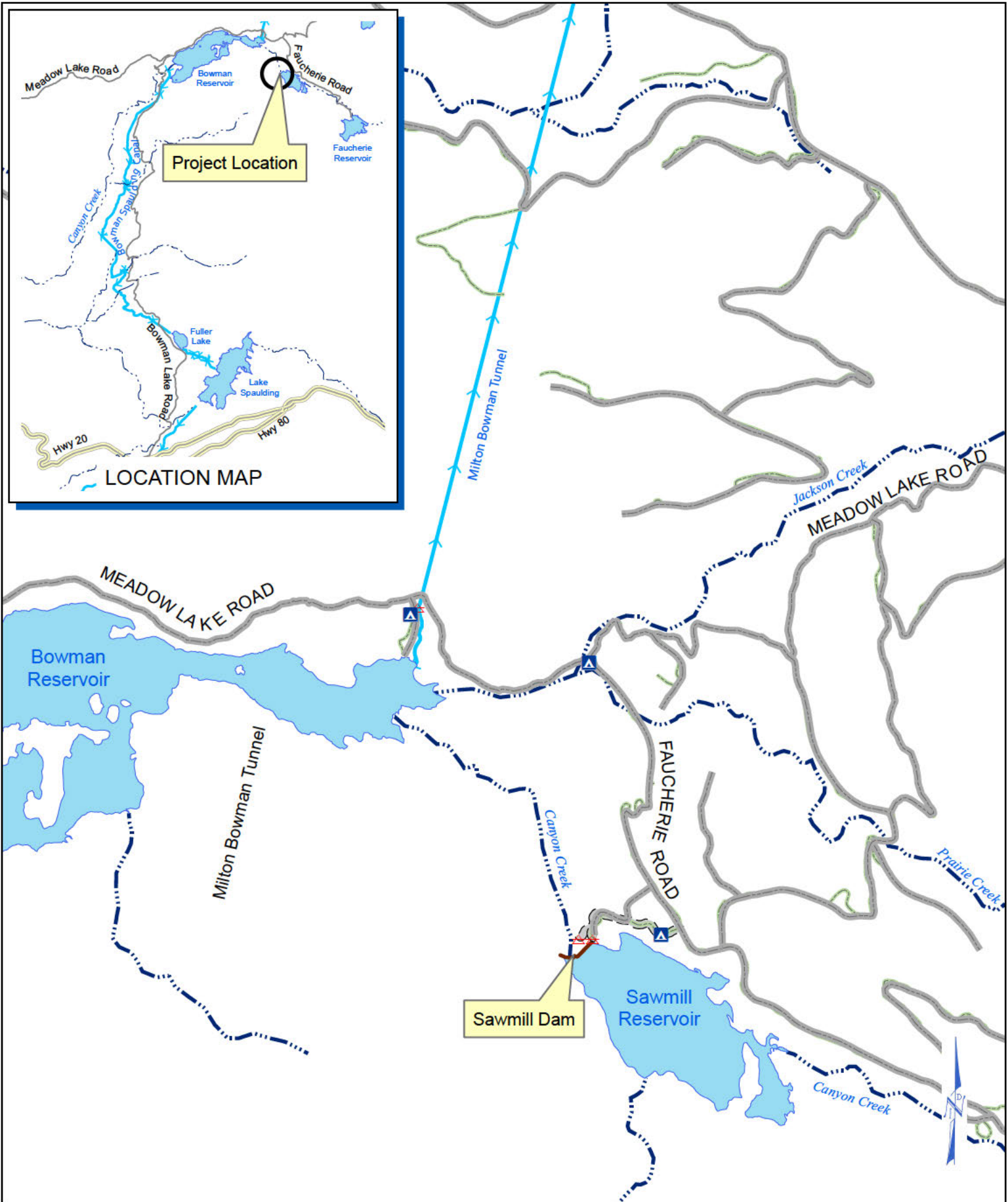
Notes: Required by FERC

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Sawmill Dam Outlet Pipe Rehabilitation

Project No.: 2596

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	5
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	9
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	7
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	7
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	9
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:69



SAWMILL DAM



Date: 9/13/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 45

Sheet: 1 of 1





2022 Annual Budget

Project Name: Fall Creek Flume Improvements

Project No.: 2404

Dept. 50112-HYDRO Program: 52923-Upper Division Waterway Priority Ranking: 68

Facility: Bowman-Sa Facility #: 57202 Division #: N/A

Project Manager: Phil Nedved Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Make structural enhancements to improve the reliability of the Fall Creek Flume on the BS Canal.

Project Description: (Proposed Solution)

Replace flume sheets and associated hardware.

Basis for Priority:

Public safety, critical infrastructure

Project Financial Summary:

Project Estimate:200,000 Total Spent to Date:0 Current Year Budget:50,000

Anticipated Expenses to End of Year:50,000 Amount Remaining in Current Year Budget:50,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering								0
Permitting/CEQA								0
Construction	50,000		150,000					200,000
Right of Way								0
Other:								0
Total:	50,000	0	150,000	0	0	0	0	200,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52923	50,000		150,000					200,000
								0
								0
Total:	50,000	0	150,000	0	0	0	0	200,000

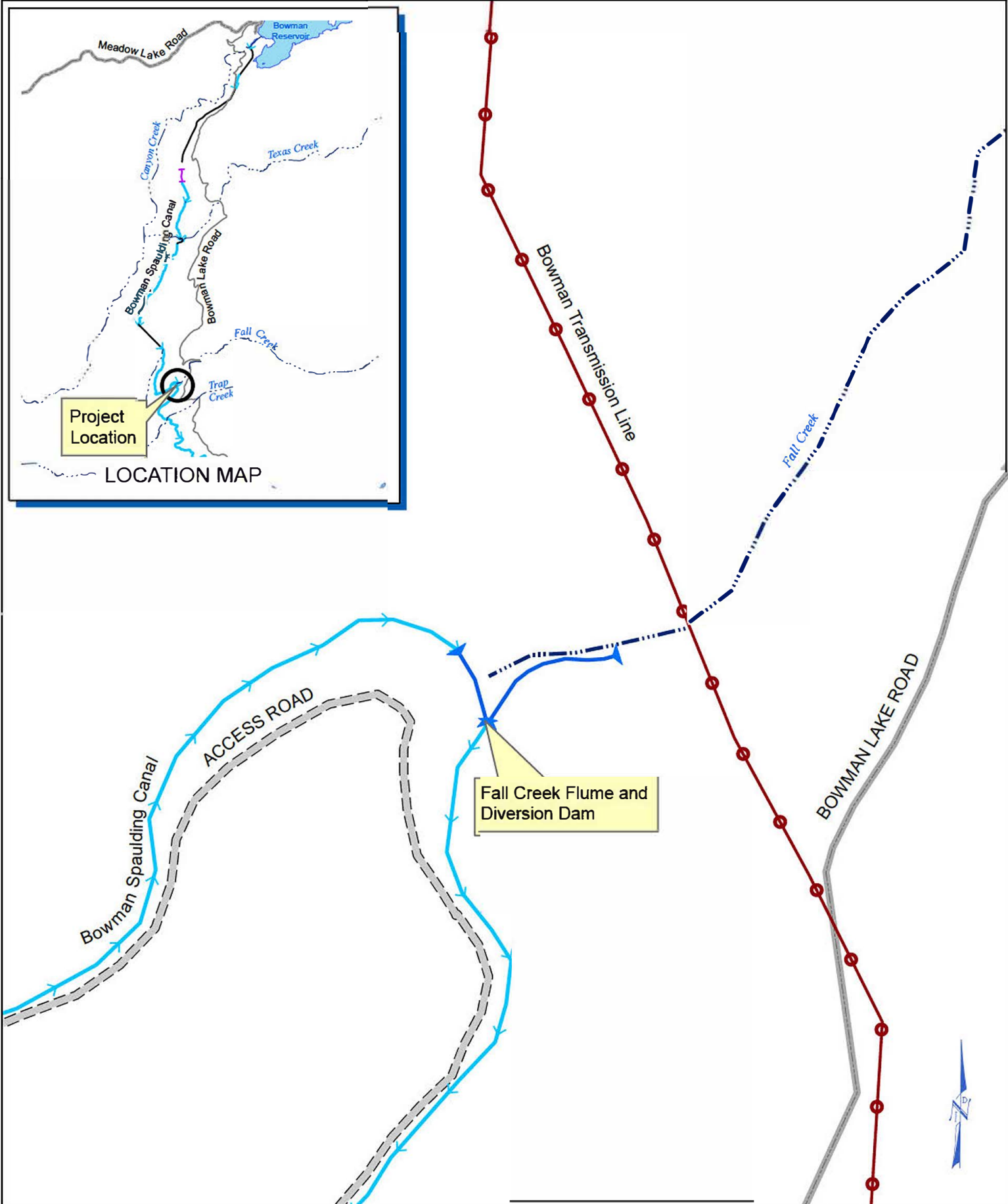
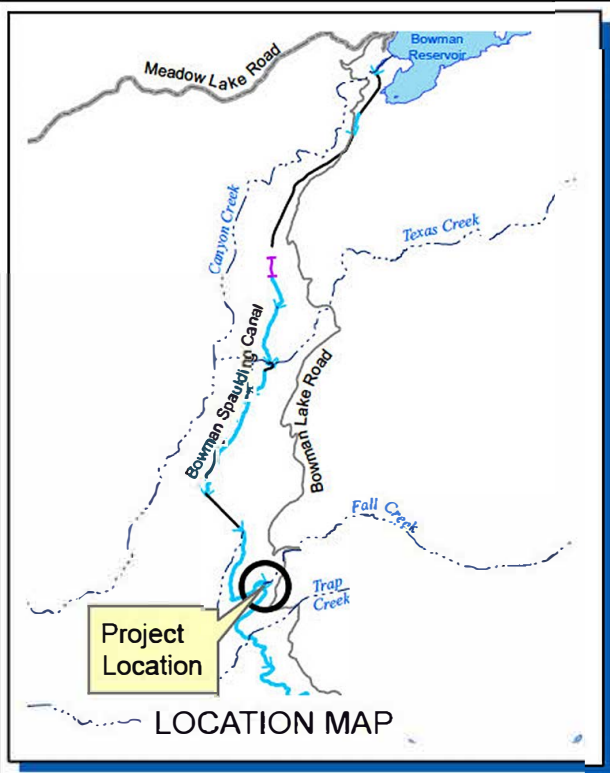
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Fall Creek Flume Improvements

Project No.: 2404

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	7
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	6
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	10
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	5
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:68



FALL CREEK FLUME/DIVERSION



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 49

Sheet: 1 of 1





2022 Annual Budget

Project Name: Combie North Capacitor Bank Upgrade

Project No.: 2581

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 67

Facility: Combie North Powerhouse Facility #: 57600 Division #: N/A

Project Manager: Thomas Kluge Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Replace existing capacitor bank at Combie North Powerhouse to improve the reliability and efficiency of power generation of the facility for variable flow conditions through CNPH. The existing arrangement limits generation to specific flow condition which, when not met, caused flow to be bypassed.

Project Description: (Proposed Solution)

Design and support the installation of a new capacitor bank for Combie North Powerhouse.

Basis for Priority:

Operational efficiency, critical powerhouse system

Project Financial Summary:

Project Estimate: 325,000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			75,000					75,000
Permitting/CEQA								0
Construction				250,000				250,000
Right of Way								0
Other:								0
Total:	0	0	75,000	250,000	0	0	0	325,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			75,000	250,000				325,000
								0
								0
Total:	0	0	75,000	250,000	0	0	0	325,000

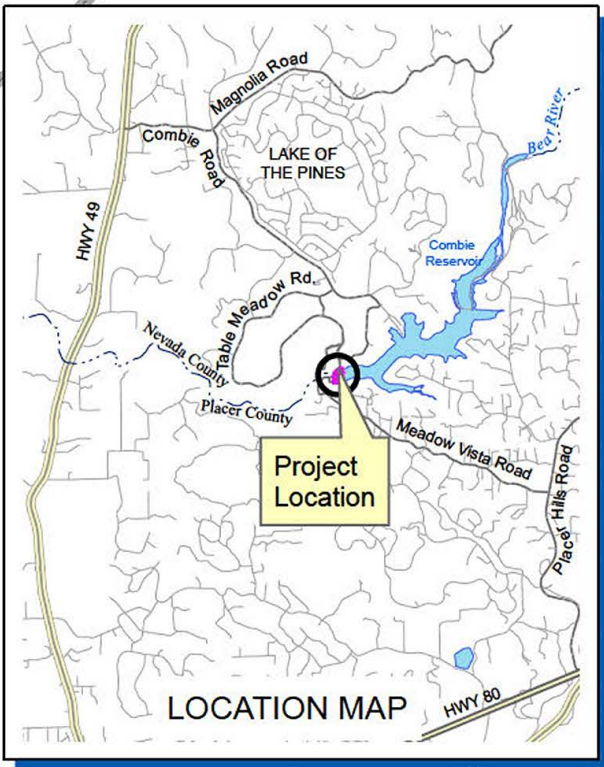
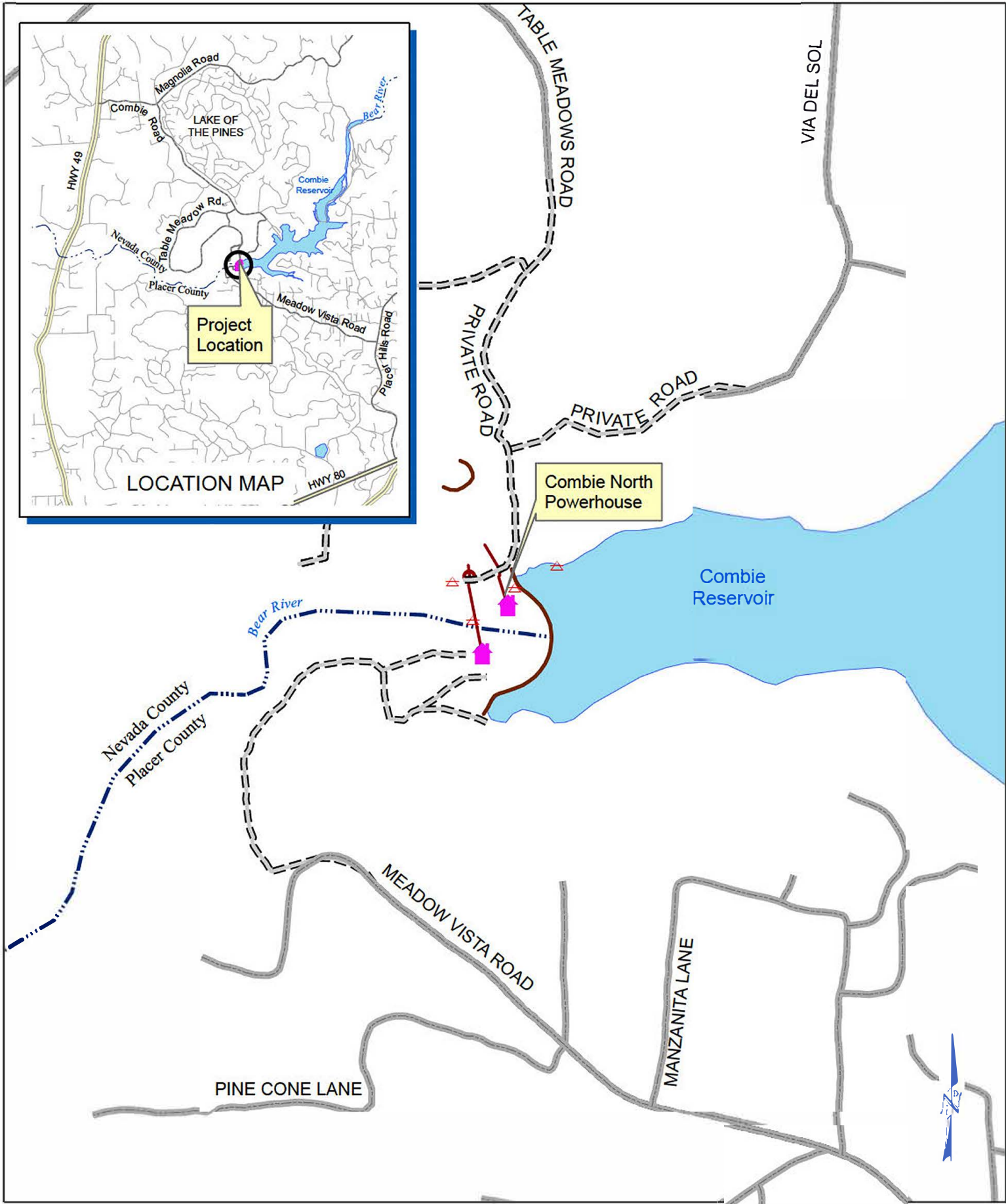
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Combie North Capacitor Bank Upgrade

Project No.: 2581

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	5
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	9
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	9
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	5
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	5
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	4
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:67



COMBIE NORTH POWERHOUSE



Date: 9/15/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page **53** Sheet: 1 of 1





2022 Annual Budget

Project Name: Chicago Park Powerhouse RTU Replacement Project No.: 2598

Dept. 50112-HYDRO Program: 52920-Powerhouse Improvements Priority Ranking: 67

Facility: Chicago Park Powerhouse Facility #: 57300 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)
Replace obsolete hardware for critical SCADA systems.

Project Description: (Proposed Solution)
Specify, procure, and install new remote terminal unit (RTU) for Chicago Park Powerhouse to provide modern, onsite SCADA alarming.

Basis for Priority:
Operational efficiency, critical powerhouse system, replacing obsolete equipment

Project Financial Summary:

Project Estimate: 200,000 Total Spent to Date: 0 Current Year Budget: 0
Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			50,000					50,000
Permitting/CEQA								0
Construction			150,000					150,000
Right of Way								0
Other:								0
Total:	0	0	200,000	0	0	0	0	200,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			200,000					200,000
								0
								0
Total:	0	0	200,000	0	0	0	0	200,000

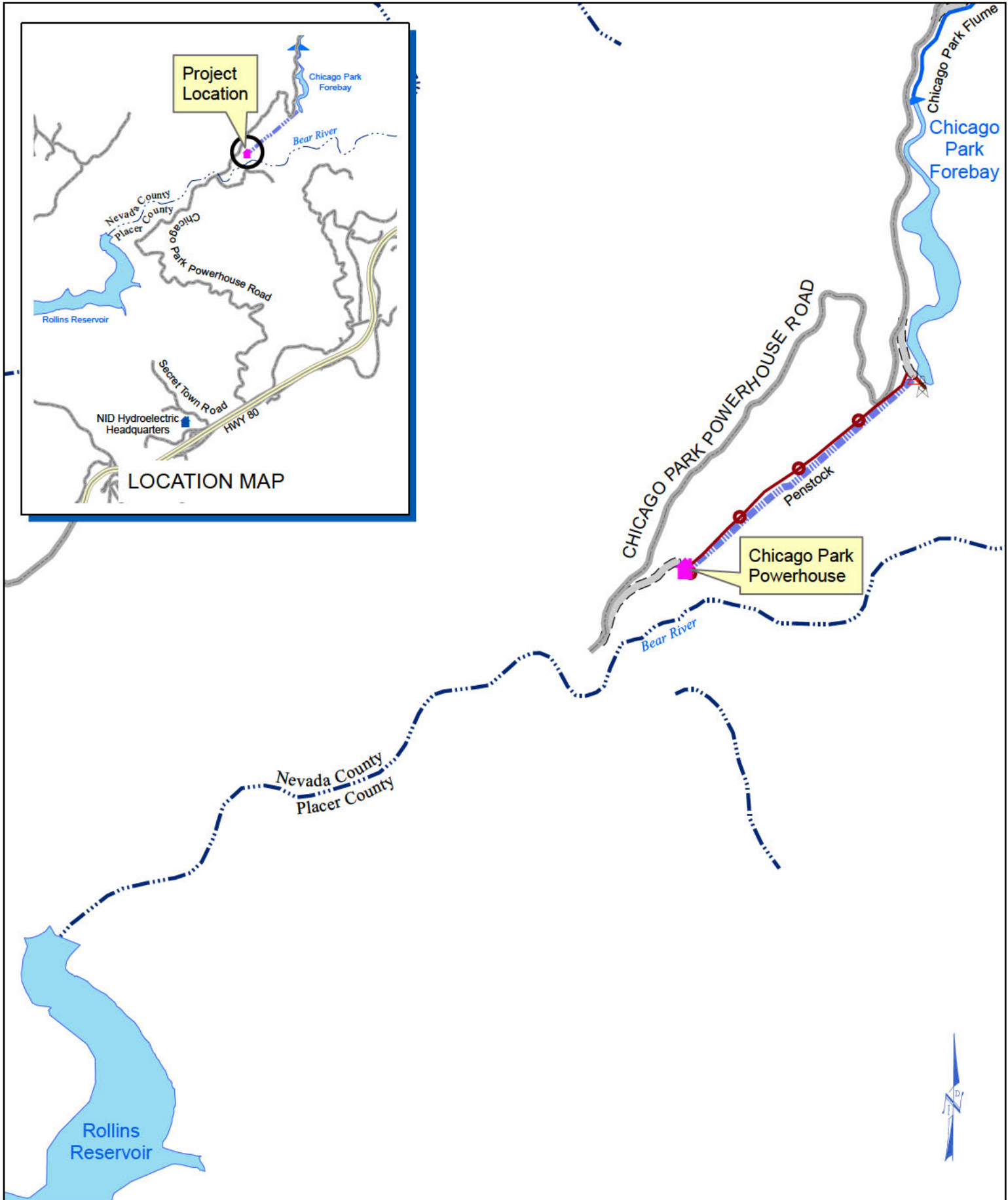
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Chicago Park Powerhouse RTU Replacement

Project No.: 2598

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	8
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	7
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	2
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:67



CHICAGO PARK POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 57

Sheet: 1 of 1





2022 Annual Budget

Project Name: Dutch Flat #2 Powerhouse Cooling Water Upgrade Project No.: 2455

Dept. 50112-HYDRO Program: 52920 Powerhouse Improvements Priority Ranking: 66

Facility: Dutch Flat #2 Powerhouse Facility #: 57200 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Improve facility efficiency and performance by upgrading the cooling water system at Dutch Flat #2 Powerhouse. Operators are currently unable to collect accurate flow and pressure readings, relying on pump indicators as the only means of verifying the system is online. Being able to collect cooling accurate and real-time water data is necessary to better understand unit function and performance, and can help identify preventative maintenance tasks to prevent failures and unit downtime.

Project Description: (Proposed Solution)

Upgrade the cooling water system at DF2PH with a modern system that can be integrated into the balance of plant programmable logic controller (existing is original, 1960's vintage). Scope includes replacing cooling water piping, replacing analog gauges with new HMI screen, adding new flowmeters and pressure transmitters, etc.

Basis for Priority:

Critical powerhouse system, operability

Project Financial Summary:

Project Estimate: 250,000 Total Spent to Date: 0 Current Year Budget: 75,000
 Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 75,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			75,000					75,000
Permitting/CEQA								0
Construction				175,000				175,000
Right of Way								0
Other:								0
Total:	0	0	75,000	175,000	0	0	0	250,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920			75,000	175,000				250,000
								0
								0
Total:	0	0	75,000	175,000	0	0	0	250,000

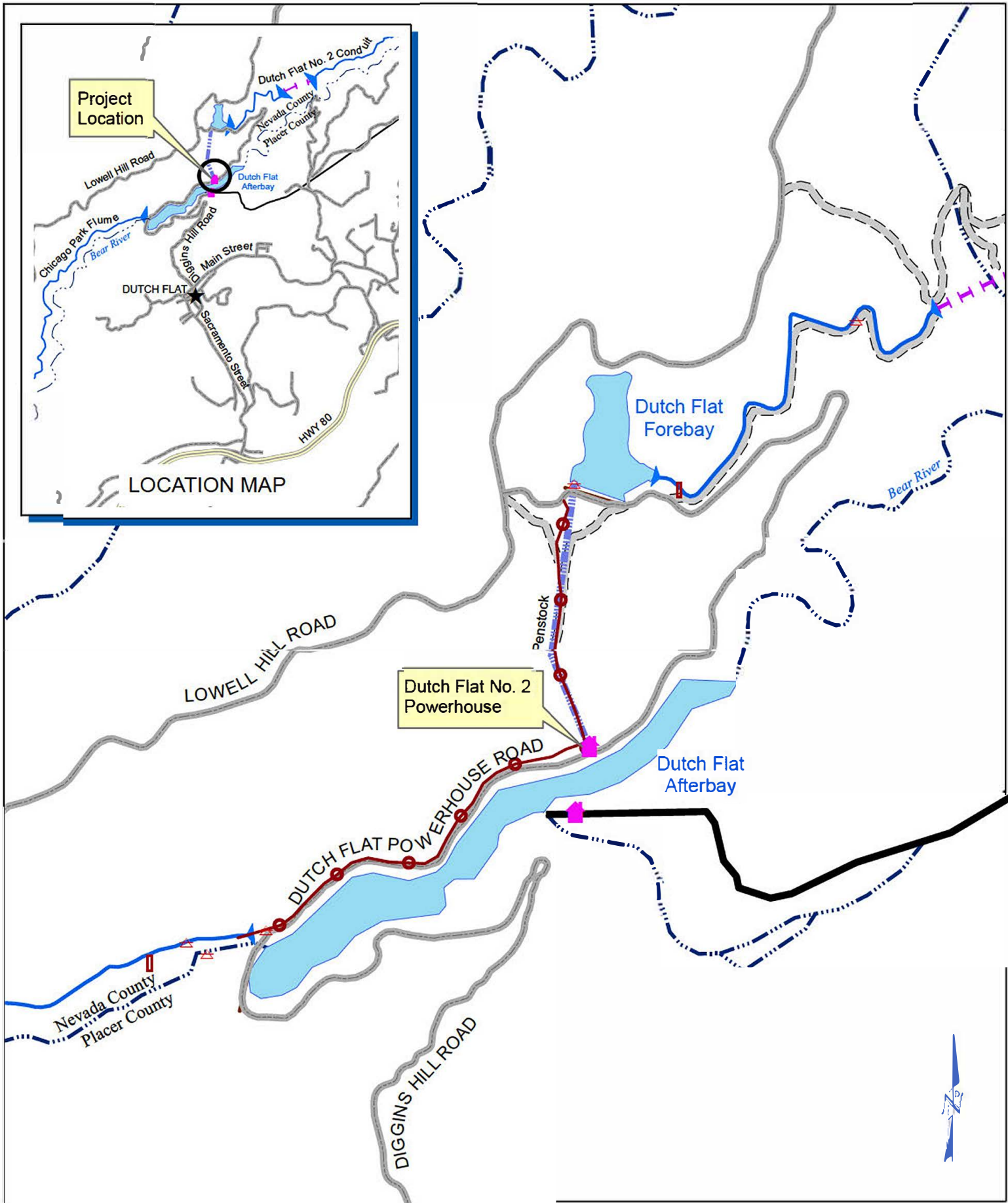
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Dutch Flat #2 Powerhouse Cooling Water Upgrade

Project No.: 2455

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	8
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	9
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	7
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	4
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	1
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:66



DUTCH FLAT NO. 2 POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY - PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 61

Sheet: 1 of 1





2022 Annual Budget

Project Name: Jackson Lake Dam Toe Slope Protection **Project No.: 2597**

Dept. 50112-HYDRO Program: 52921-Reservoirs, Dams & Waterways Priority Ranking: 66

Facility: Jackson Lake Dam Facility #: 57105 Division #: N/A

Project Manager: Dar Chen Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Stabilize the slopes near the downstream outlet end of Jackson Lake Dam.

Project Description: (Proposed Solution)

Design and construct stabilization measures to ensure the long-term stability of the toe slopes near the downstream outlet end.

Basis for Priority:

Public safety, critical infrastructure, Regulator required

Project Financial Summary:

Project Estimate: 120,000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering			20,000					20,000
Permitting/CEQA								0
Construction				100,000				100,000
Right of Way								0
Other:								0
Total:	0	0	20,000	100,000	0	0	0	120,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52921			20,000	100,000				120,000
								0
								0
Total:	0	0	20,000	100,000	0	0	0	120,000

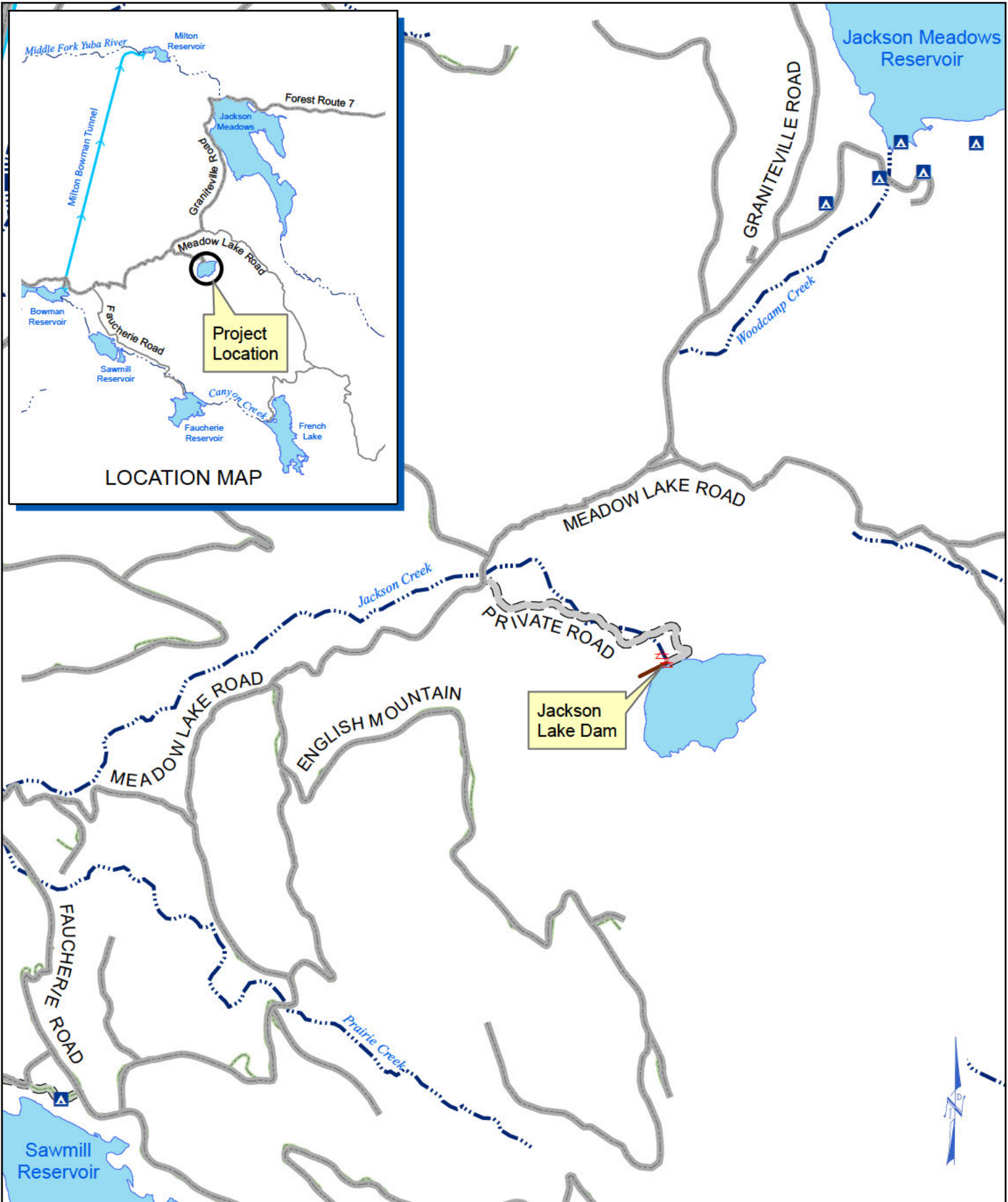
Notes: Required by FERC

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Jackson Lake Dam Toe Slope Protection

Project No.: 2597

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	5
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	9
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	7
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	5
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	8
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:66



JACKSON LAKE DAM



Date: 9/13/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 65

Sheet: 1 of 1





2022 Annual Budget

Project Name: Fall Creek Diversion Flume Improvements Project No.: 2576

Dept. 50112-HYDRO Program: 52923-Upper Division Waterway Priority Ranking: 65

Facility: Fall Creek Flume Facility #: 57205 Division #: N/A

Project Manager: Phil Nedved Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Make structural enhancements to improve the reliability of the Fall Creek Diversion Flume.

Project Description: (Proposed Solution)

Replace flume sheets and associated hardware.

Basis for Priority:

Public safety, critical infrastructure

Project Financial Summary:

Project Estimate: 100,000 Total Spent to Date: 0 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering								0
Permitting/CEQA								0
Construction			100,000					100,000
Right of Way								0
Other:								0
Total:	0	0	100,000	0	0	0	0	100,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52923			100,000					100,000
								0
								0
Total:	0	0	100,000	0	0	0	0	100,000

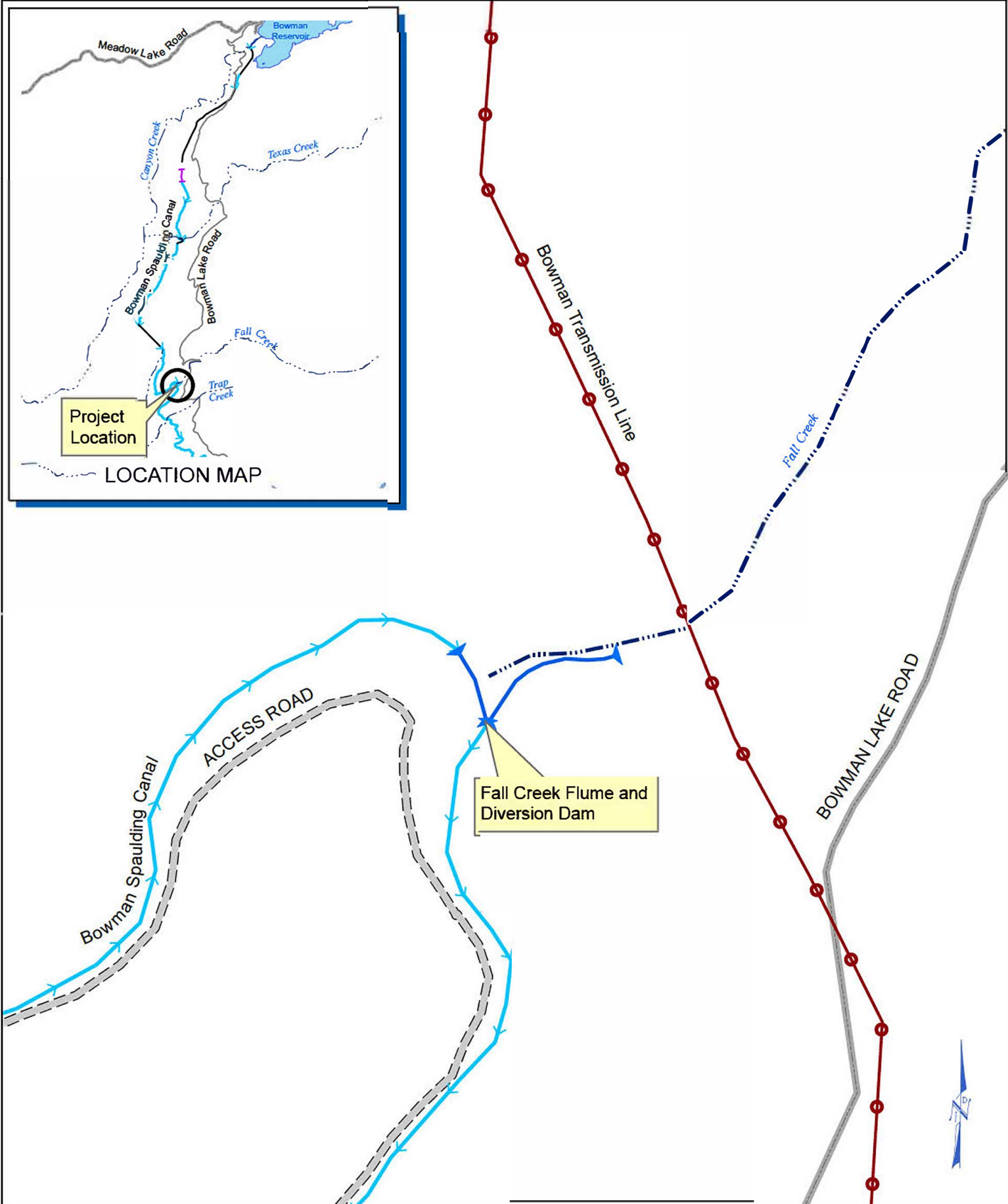
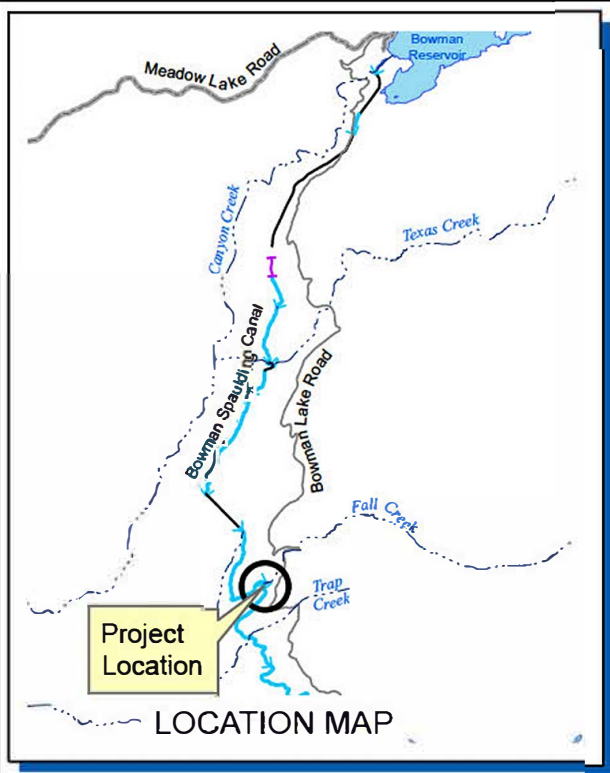
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Fall Creek Diversion Flume Improvements

Project No.: 2576

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	7
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	7
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	6
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	7
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	5
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:65



FALL CREEK FLUME/DIVERSION



Date: 9/14/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 69 Sheet: 1 of 1





2022 Annual Budget

Project Name: Bowman-Spaulling Canal Lining Repair at Boxcar Spill **Project No.: 2600**

Dept. 50112-HYDRO Program: 52923-Upper Division Waterway Priority Ranking: 65

Facility: Bowman-Spaulling Canal Facility #: 57202 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)
Prevent further erosive damage by repairing the damaged shotcrete liner.

Project Description: (Proposed Solution)
Repair deteriorated shotcrete liner of the Bowman-Spaulling Canal.

Basis for Priority:
Public safety, critical infrastructure

Project Financial Summary:

Project Estimate: 400,000 Total Spent to Date: 0 Current Year Budget: 0
Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering								0
Permitting/CEQA								0
Construction			400,000					400,000
Right of Way								0
Other:								0
Total:	0	0	400,000	0	0	0	0	400,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52923			400,000					400,000
								0
								0
Total:	0	0	400,000	0	0	0	0	400,000

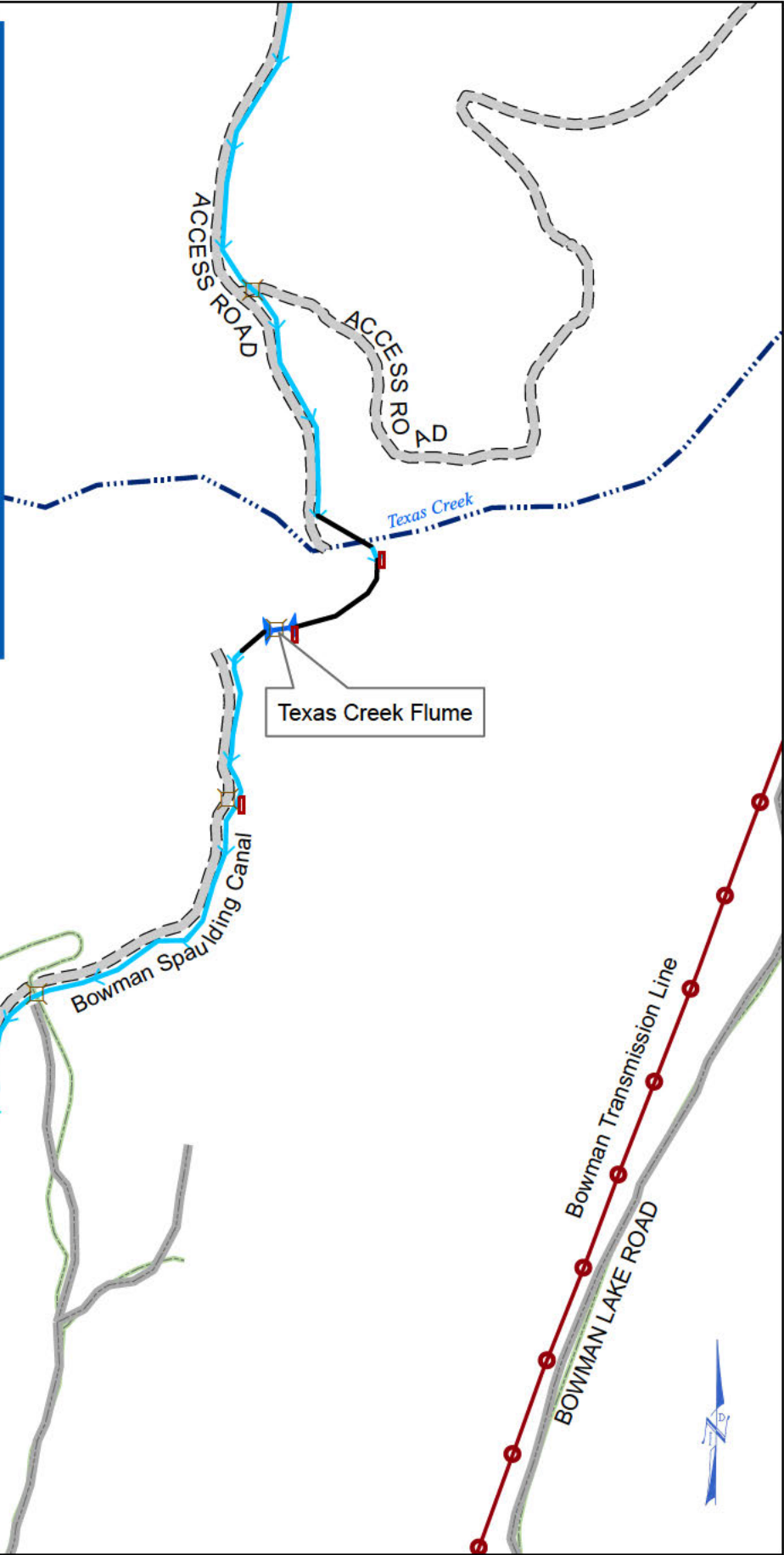
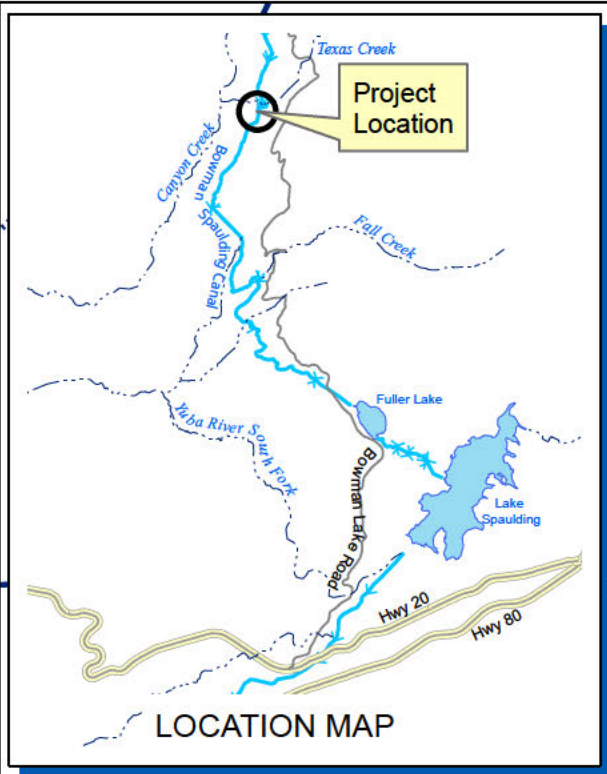
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Bowman-Spaulling Canal Lining Repair at Boxcar Spill

Project No.: 2600

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	6
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	6
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	7
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	6
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	10
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	5
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score:65



BS CANAL BOXCAR SPILL



Date: 9/16/2021
 Drawn By: NID

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY – PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: NO SCALE
 Page 73 Sheet: 1 of 1





2022 Annual Budget

Project Name: SCADA Software Upgrades

Project No.: 2601

Dept. 50112-HYDRO Program: 52924-SCADA Communication Priority Ranking: 64

Facility: Hydro Headquarters Facility #: 57010 Division #: N/A

Project Manager: Thomas Kluge Constructed by: NID

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)
Improve functionality and security of NID's SCADA network.

Project Description: (Proposed Solution)
Update existing SCADA software to latest program version to provide necessary network security and improved functionality.

Basis for Priority:
Operational efficiency, security

Project Financial Summary:

Project Estimate: 150000 Total Spent to Date: 0 Current Year Budget: 0
Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering								0
Permitting/CEQA								0
Construction			150,000					150,000
Right of Way								0
Other:								0
Total:	0	0	150,000	0	0	0	0	150,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52924			150,000					150,000
								0
								0
Total:	0	0	150,000	0	0	0	0	150,000

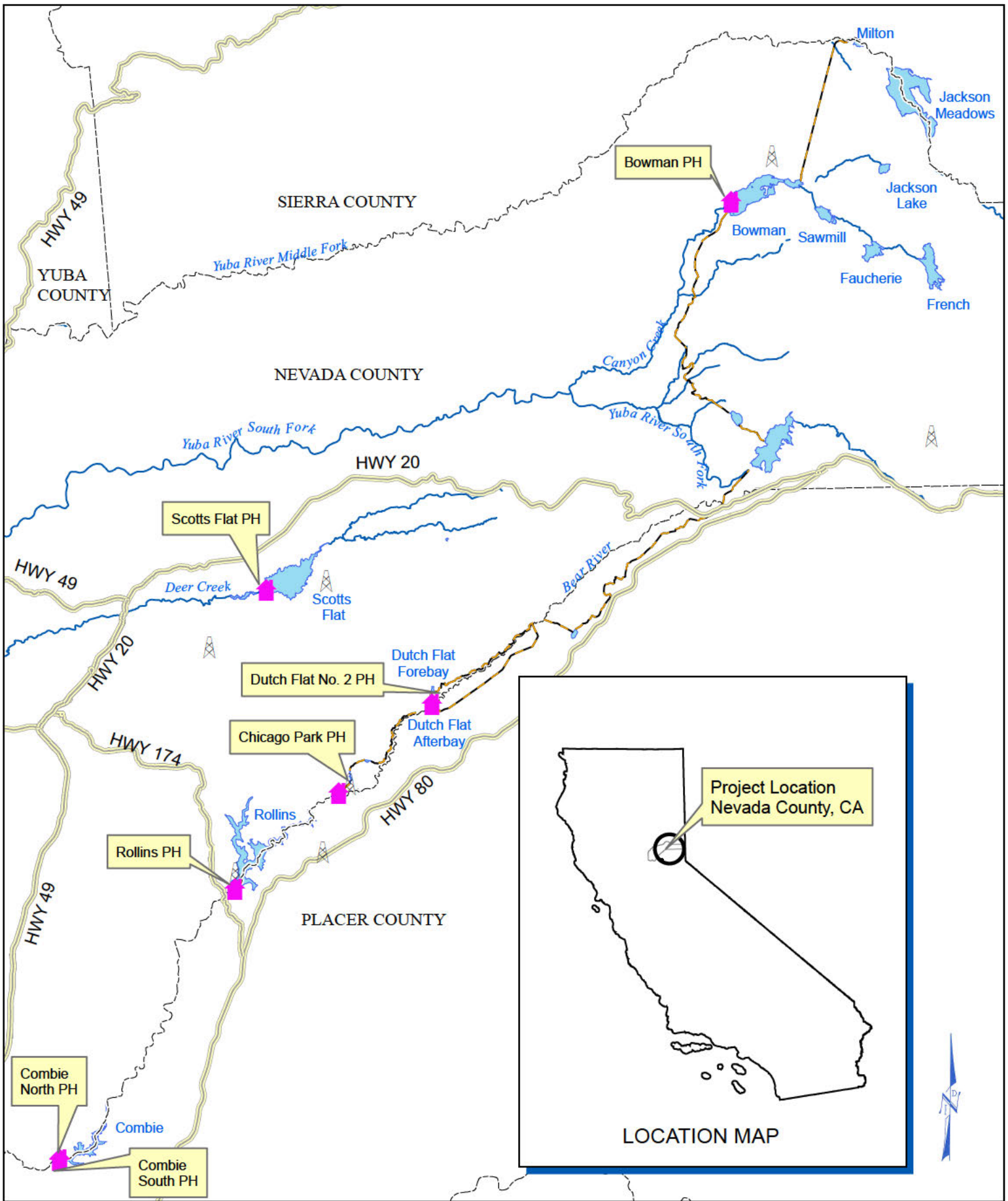
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: SCADA Software Upgrades

Project No.:2601

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	
Max Score:100		Total Prioritization Score:64



SCADA SYSTEM UPGRADES



Date: 9/16/2021

Drawn By: NID

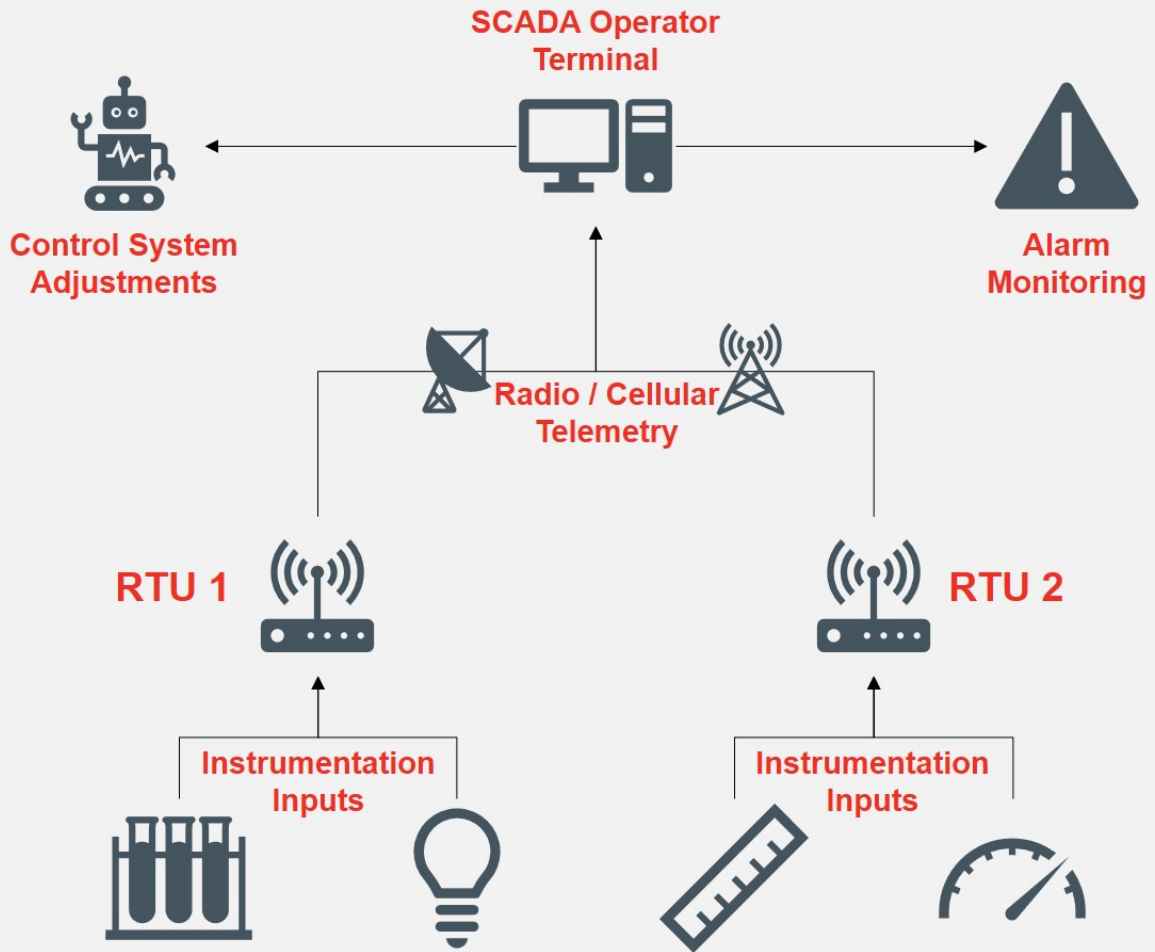
NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 77 Sheet: 1 of 1

SCADA System Components





2022 Annual Budget

Project Name: New Hydroelectric Field Office 2 Radio Tower Project No.: 2405

Dept. 50112-HYDRO Program: 52924-SCADA Communication Priority Ranking: 63

Facility: Hydro Headquarters Facility #: 57010 Division #: N/A

Project Manager: Nathan Droivold Constructed by: Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Provide a communication link for remote NID facilities to bring SCADA data to Hydro HQ.

Project Description: (Proposed Solution)

Construct a new microwave radio tower at the site of NID Hydro's future field office. Includes design, permitting, earthworks, tower build, and equipment installation.

Basis for Priority:

Operational efficiency

Project Financial Summary:

Project Estimate: 1,410,000 Total Spent to Date: 57,816.4 Current Year Budget: 0

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 0

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies	57,800							57,800
Design/Engineering			100,000					100,000
Permitting/CEQA			50,000					50,000
Construction			200,000	1,000,000				1,200,000
Right of Way								0
Other:								0
Total:	57,800	0	350,000	1,000,000	0	0	0	1,410,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52924	57,800		350,000	1,000,000				1,410,000
								0
								0
Total:	57,800	0	350,000	1,000,000	0	0	0	1,410,000

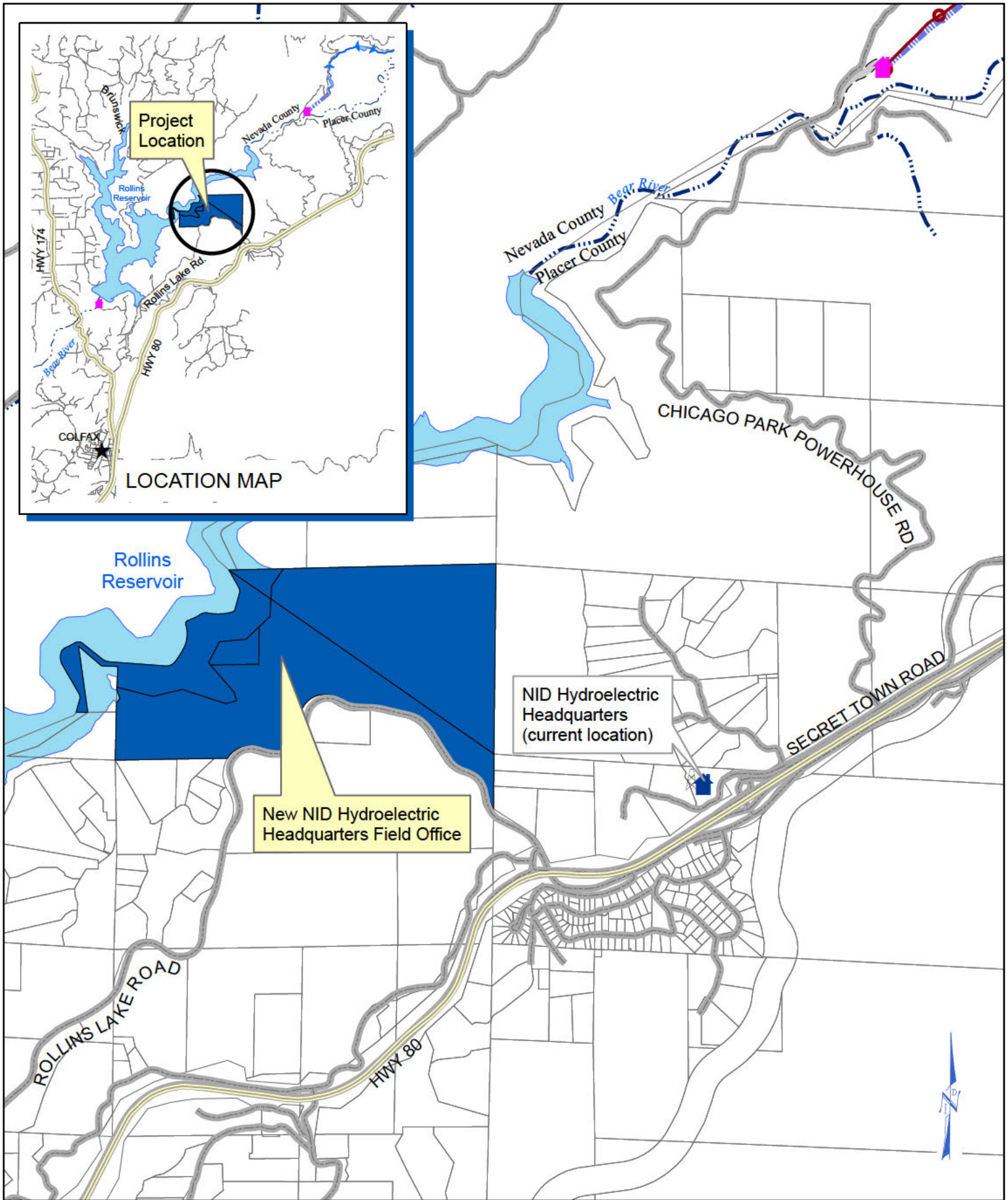
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: New Hydroelectric Field Office 2 Radio Tower

Project No.: 2405

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	6
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	8
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	7
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	7
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	0
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	3
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:63



NEW HYDROELECTRIC FIELD OFFICE



Date: 9/15/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 81

Sheet: 1 of 1





2022 Annual Budget

Project Name: Dutch Flat #2 Powerhouse Fire Suppression System Upgrade **Project No.:** 2240

Dept. 50112-HYDRO Program: 52920-Powerhouse Improvements Priority Ranking: 62

Facility: Dutch Flat #2 Powerhouse Facility #: 57200 Division #: N/A

Project Manager: Nathan Droivold Constructed by: NID & Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Provide fire detection and suppression systems at Dutch Flat #2 Powerhouse to enhance onsite safety and mitigate potential damage to the facility in the event of a fire.

Project Description: (Proposed Solution)

Upgrade the existing CO2 fire suppression system to protect the generator and meet current NFPA codes. Design and install a new clean agent suppression system in the control room. Provide fire detection throughout the facility for early detection.

Basis for Priority:

Health and safety, equipment protection

Project Financial Summary:

Project Estimate: 300,000 Total Spent to Date: 32,400 Current Year Budget: 250,000

Anticipated Expenses to End of Year: 0 Amount Remaining in Current Year Budget: 217,600

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies	32,400		125,000					175,000
Design/Engineering								0
Permitting/CEQA								0
Construction			125,000					125,000
Right of Way								0
Other:								0
Total:	32,400	0	250,000	0	0	0	0	300,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920	32,400		250,000					300,000
								0
								0
Total:	32,400	0	250,000	0	0	0	0	300,000

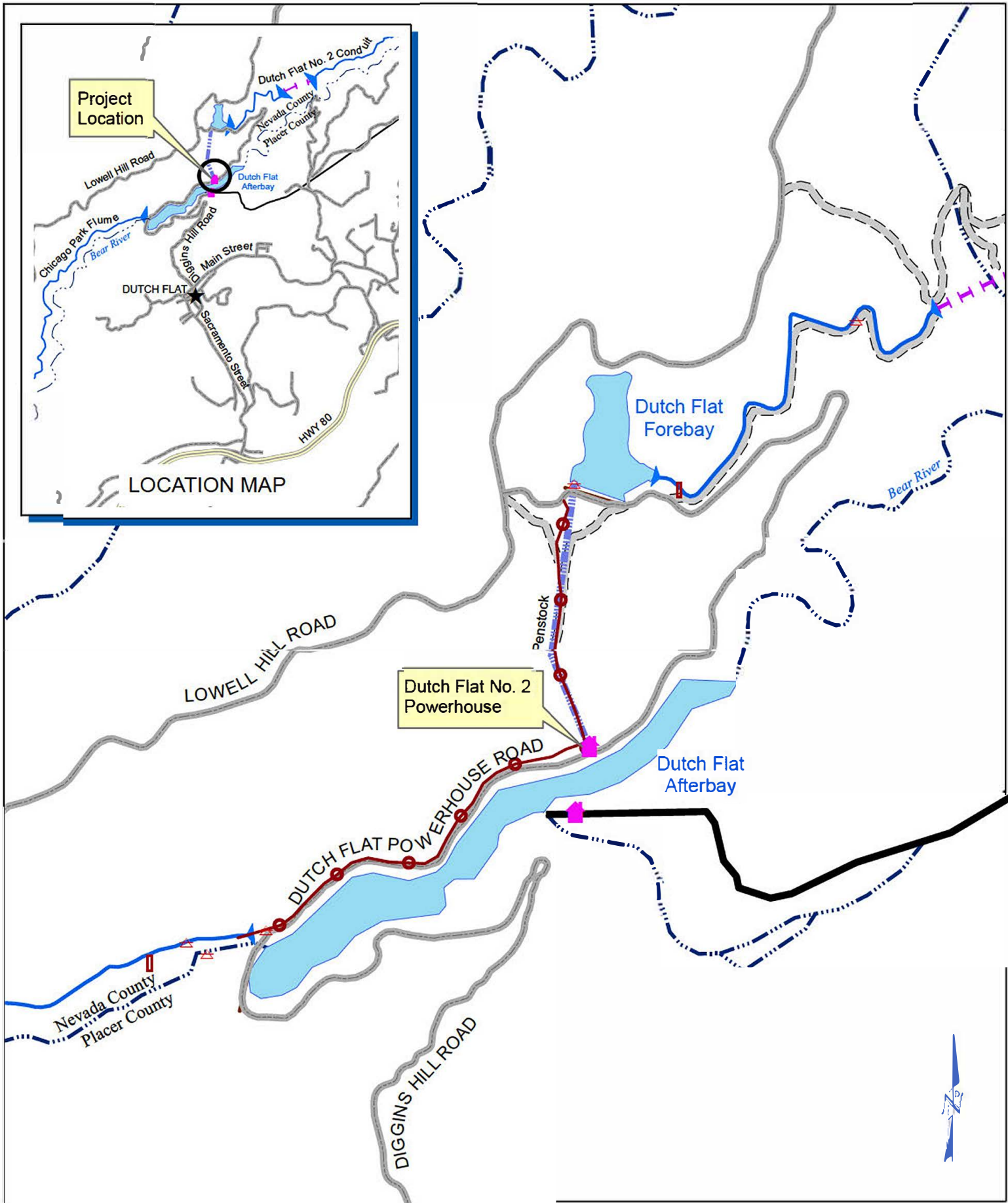
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Dutch Flat #2 Powerhouse Fire Suppression System Upgrade

Project No.: 2240

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	5
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	0
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	10
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	7
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	8
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	10
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	7
Max Score:100		Total Prioritization Score:62



DUTCH FLAT NO. 2 POWERHOUSE



Date: 9/14/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 85

Sheet: 1 of 1





2022 Annual Budget

Project Name: Combie South Access Road

Project No.: 6943

Dept. 50112-HYDRO Program: 52920-Powerhouse Improvements Priority Ranking: 56

Facility: Combie South Powerhouse Facility #: 57700 Division #: N/A

Project Manager: Adrian Schneider Constructed by: Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Provide adequate access to the Combie South Powerhouse from Meadow Vista.

Project Description: (Proposed Solution)

Plan and design a new access road to the Combie South Powerhouse. Includes identifying necessary land acquisitions, completing survey and design work, and construction. Access road shall meet fire safe standards and will be secured with a new gate.

Basis for Priority:

Facility access, public safety, security

Project Financial Summary:

Project Estimate:\$300,000 Total Spent to Date:\$100,000 Current Year Budget:\$200,000

Anticipated Expenses to End of Year:\$200,000 Amount Remaining in Current Year Budget:\$200,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering	100,000							100,000
Permitting/CEQA								0
Construction			200,000					200,000
Right of Way								0
Other:								0
Total:	100,000	0	200,000	0	0	0	0	300,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52920	100,000		200,000					300,000
								0
								0
Total:	100,000	0	200,000	0	0	0	0	300,000

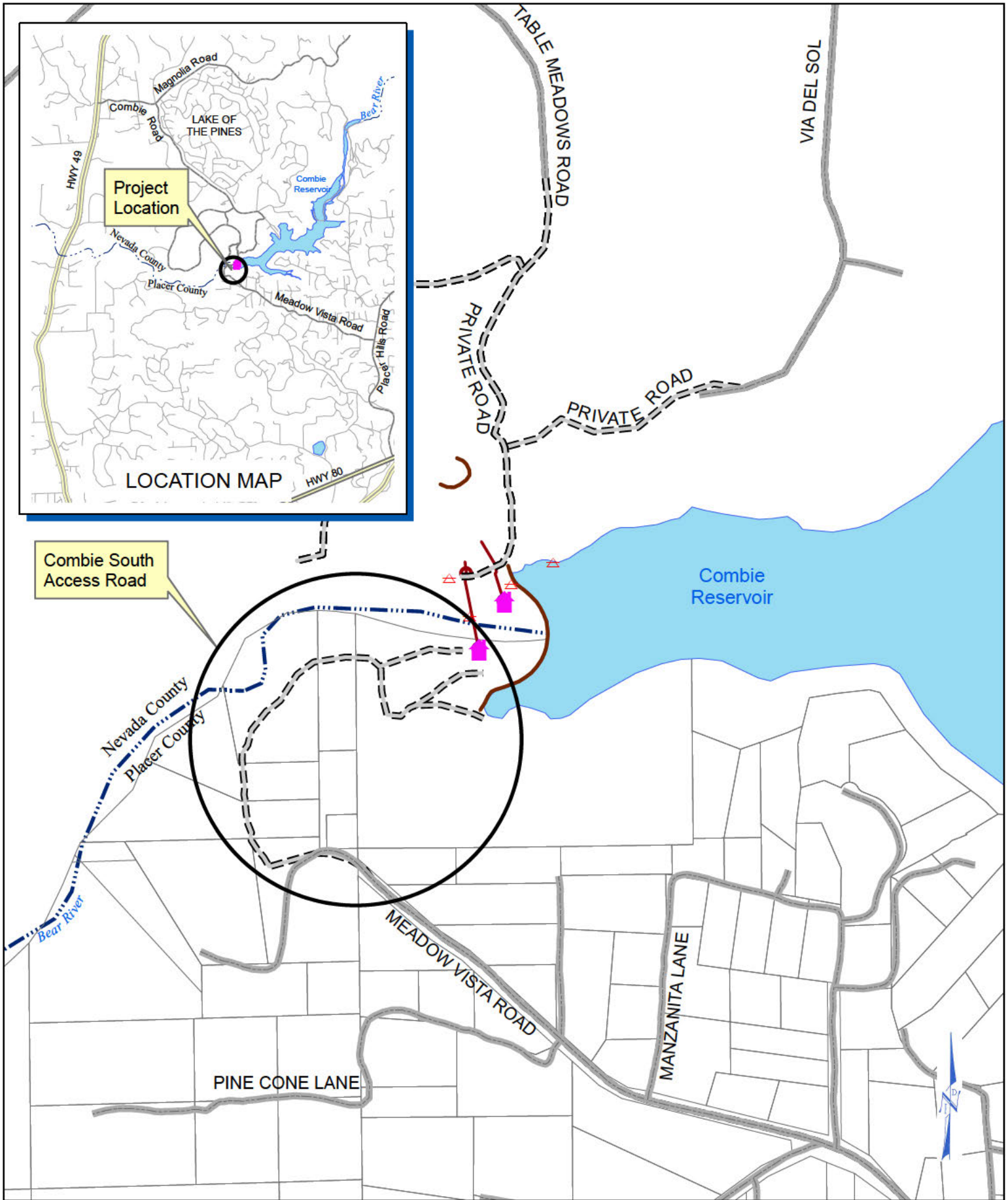
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: Combie South Access Road

Project No.: 6943

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	5
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	7
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	9
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	5
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	3
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	7
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	5
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score: 100		Total Prioritization Score:56



COMBIE SOUTH ACCESS ROAD



Date: 9/15/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page **89**

Sheet: 1 of 1





2022 Annual Budget

Project Name: New Hydroelectric Office Design & Construction **Project No.: 2432**

Dept. 50112-HYDRO Program: 52915-Non-Programmatic Priority Ranking: 48

Facility: Hydro Headquarters Facility #: 57010 Division #: N/A

Project Manager: Keane Sommers Constructed by: Contractors

New Construction: Replacement: Upgrades: Multiple Phases:

CEQA: Permits: ROW:

Project Purpose: (Problem Statement)

Provide a new office building for the Hydroelectric Department to meet the needs of anticipated future growth required by NID's new FERC license. The new office space should provide additional parking, improved office spaces, and expanded shop and warehouse spaces to adequately store and maintain equipment.

Project Description: (Proposed Solution)

Design and construct a new office building on property owned by NID on Rollins Lake Road to meet the growing needs of the Hydroelectric Department.

Basis for Priority:

Spatial needs, efficiency

Project Financial Summary:

Project Estimate:500,000 Total Spent to Date:250,000 Current Year Budget:250,000

Anticipated Expenses to End of Year:0 Amount Remaining in Current Year Budget:250,000

Expenditures:

Expense	Prior Years Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
Consulting/Studies								0
Design/Engineering	250,000		250,000					500,000
Permitting/CEQA								0
Construction								0
Right of Way								0
Other:								0
Total:	250,000	0	250,000	0	0	0	0	500,000

Funding Sources

Source	Prior Year Actual	Amendments Carryovers/Encumbrances	2022	2023	2024	2025	2026	TOTAL
50112-52915	250,000		250,000					500,000
								0
								0
Total:	250,000	0	250,000	0	0	0	0	500,000

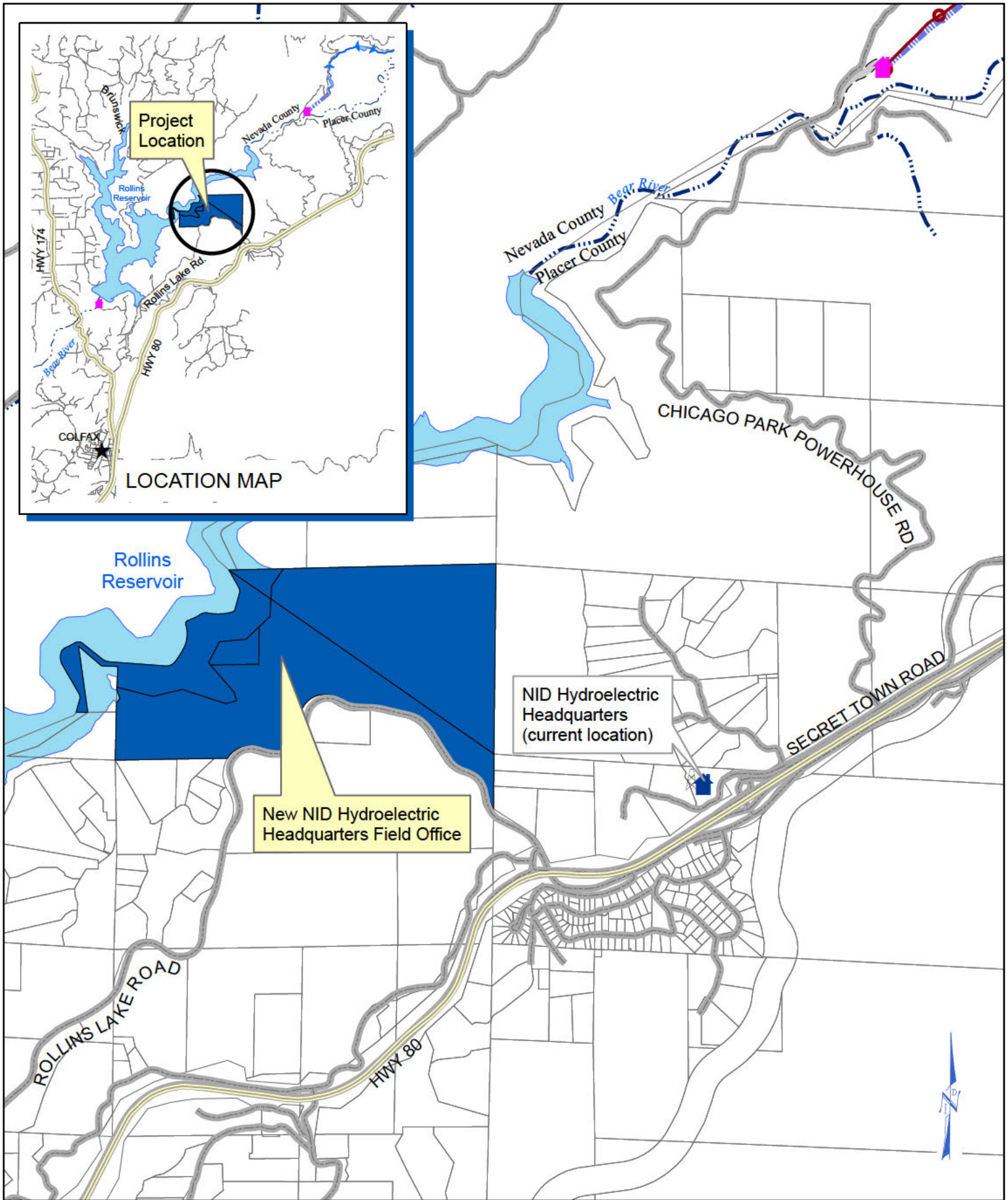
Notes:

CAPITAL IMPROVEMENT PROJECT MATRIX SCORING SHEET

Project Name: New Hydroelectric Office Design & Construction

Project No.: 2432

Criteria #	Scoring	Project
1. Capital Costs	10 Points – Lower Future Capital Costs 5 Points – No Impact 0 Points – Higher Future Capital Costs	6
2. Annual Operation and Maintenance Cost	10 Points – Lower Operating Costs 5 Points – No Impact 0 Points – Higher Operating Costs	7
3. Increased Revenue Potential	10 Points - Higher Revenues 5 Points - No Impact 0 Points - Lower Revenues	5
4. Health and Safety	10 Points - Reduces Threat/Impact to Health and Safety 5 Points - No Impact 0 Points - Increases Threat/Impact to Health and Safety	5
5. Environment	10 Points - Improves/Reduces Impacts to Environment 5 Points - No Impact 0 Points - Increases Threat/Impact to Environment	5
6. Distributional or Hydro Generation Effects	10 Points - Project has Regional Benefit or improves generation 5 Points - Project has Limited Benefit (Neighborhood) or improved generation 0 Points - No Impact	4
7. Critical Infrastructure and Risk to Service Disruption	10 Points - Deferral will Significantly Impact Disruption to Service 5 Points - Deferral will Moderately Impact Disruption to Service 0 Points - No Additional Impacts to Disruption to Service if Deferred	2
8. Board Strategic Plan/Goals	10 Points - Meets Strategic Plan/Goals Set by the Board 5 Points - Important Project but not Critical 0 Points - Does not Meet Strategic Plan/Goals of the Board	7
9. Certainty of Project Funding	5 Points - Funded by Existing Revenue Source 2-3 Points - Requires Outside Funding with High Probability of Obtaining 0 Points - Requires Outside Funding with Low Probability of Obtaining	2
10. New Capital Asset will have associate revenue that offsets maintenance costs	5 Points - Asset will have Associated Revenue to Offset Depreciation and Maintenance Costs 2-3 Points - Asset will have Associated Revenue to Offset Some Depreciation and Maintenance Costs 0 Points - Asset will have no change to Associated Revenue	0
11. Improves and/or increases level of service	10 Points - Project Improves Level of Service 5 Points - Project Maintains Existing Level of Service 0 Points - Project Impacts Existing Level of Service	5
Max Score:100		Total Prioritization Score: 48



NEW HYDROELECTRIC FIELD OFFICE



Date: 9/15/2021

Drawn By: NID

NEVADA IRRIGATION DISTRICT

NEVADA COUNTY – PLACER COUNTY
GRASS VALLEY, CALIFORNIA

Scale: NO SCALE

Page 93

Sheet: 1 of 1

