

**Engineering Department Project Status Report
as of October 21, 2021**

Priority	Project Manager	DIV	Project	Project No.	Description	Status	Comments
01 - EXTENDED CEQA [\$30,000] 10151- 52913							
01	Douglas Roderick	DIV 2	Banner Cascade Pipeline	6593-2	Banner Cascade & Upper Grass Valley Canals - Longterm Canopy Cover & Pond Studies - Year 8 of 10 year Monitoring Plan	Post Construction	Studies completed in August and September 2021, by Stantec, working on final report.
02 - PIPELINE REPLACEMENT (\$2,050,000) 10151-52907							
01	Tonia Tabucchi Herrera	DIV 5	Rough & Ready Round-a-bout waterline improvements	2497	Nevada county proposed to realign Rough and Ready Hwy, Ridge Road and Adams Ave. NID affected facilities included treated water line along Rough and Ready HWY and Adams Ave ; and Rough and Ready Canal crossing/near Ridge Road.	Planning	The County is agreeable to relocating the culvert crossing for the RR canal. Details of ROW management and District participation in discussion internally.
02	Tonia Tabucchi Herrera	DIV 5	Christian Life Way at Highway 49	6962	Replace approximately 1500 LF of pipeline with 8" pipeline. Existing pipeline is undersized; has reached its useful life, is difficult to access, existing ROW is inadequate, requires new route for accessibility	Design	Investigating an alternative route to improve maintenance access, and potential to add additional service connections.
03	Tonia Tabucchi Herrera	DIV 4	Meadow Brook Pipeline Relocation	2324	Service lines are located in backyards and trees have broken the mainline several times. Project includes relocation of service lines and abandonment of 4" main.	Design	Survey complete. Design in process.
04	Adrian Schneider	DIV 2	North Day Road Pipeline Replacement	2182	Replacement of badly deteriorated A.C. pipeline on North Day Road. Approximately 3,780 feet long.	Design	Design at 90%. Approximately 20 Easements are being evaluated for new pipe location, plats & legals being developed.
05	Tonia Herrera	DIV 3	Willaura Acres	2323	Replace deteriorated water mains and services.	Design	Plans finalized and completed. Waiting to be budgeted.
06	Tonia Tabucchi Herrera	DIV 4	Live Oak Way	2534	Replace old and undersized valves and service lines.	Design	In design.
07	Douglas Hobbs	DIV 2	Osborne Hill Inlet Pipe	6966	Osborne Hill Inlet Pipe 1,720' of 18" pipe	Planning	Preparing Scoping Report.
03 - PRV REPLACEMENT (\$480,000) 10151-52908							
01	Douglas Hobbs	DIV 1	Berggren Lane PRV Replacement	2370	Replace PRV with 1300 LF of 8" pipe connecting Red Dog Rd. with Jasper Agate Court	Construction	Maintenance has started construction. Anticipate completion by November 2021.
02	Tonia Tabucchi Herrera	DIV 2	Cedar Ridge PRV Replacement	2366	Existing PRV station is badly deteriorated with valves in a vault . Replacement station will be above ground. Additional ROW is required	Design	Design 90%. Working with property owner to obtain necessary easement.
03	Tonia Tabucchi Herrera	DIV 1	East Ridge PRV Replacement	2318	Existing PRV station is badly deteriorated with valves in a vault . Replacement station will be above ground. Additional ROW is required.	Design	Design 10%.
04	Douglas Hobbs	DIV 2	Silver Way PRV Replacement	1010	Replace existing PRV station at corner of Silver Way and Hwy 174 with an above ground PRV station upstream on Hwy 174	Design	Design at 10%. Property owner to be contacted regarding adding above ground structure to existing pipe easement.

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05 - RAW WATER SYSTEM IMPROVEMENTS (\$1,250,000) 10151-52910							
01	Douglas Hobbs	DIV 4	Santini Siphon	1098	Replacement of undersized Siphon with 1500 LF of 18" pipe.	Construction	Maintenance has started construction. Completion anticipated in November 2021.
02	Douglas Roderick	DIV 1	South Yuba Canal Repair Upgrades Ph 1	2419	Repair/Replace segments of So. Yuba Canal	Planning	Presented Assessment Report to the Board on September 8, 2021. Working on Cost Estimate and CIP for facility.
03	Adrian Schneider	DIV 2	China Union Parshall Flume	2570	Design and install a pre-manufactured, 24" Parshall Flume on the China Union Canal	Pre-Construction	Design completed. Pre-Manufactured flume ordered. Plans given to Maintenance Dept for construction.
04	Adrian Schneider	DIV 3	Maben Canal - IV	8099-4	Rehabilitate and enlarge canal.	Pre-Construction	Draft design plans completed; easements being reviewed by ROW. Waiting to be budgeted.
05	Douglas Hobbs	DIV 4	Hayt Canal Siphon Replacement	2580	Evaluate alternatives for a spill at siphon #6 and shortening the end of the canal.	Planning	Evaluating alternatives
06	Tonia Tabucchi Herrera	DIV 5	China Drop Pipe Replacement	2329	Replacement of badly deteriorated pipeline to improve water delivery and reliability.	Planning	Survey completed. Reviewing for CEQA needs.
07	Tonia Tabucchi Herrera	DIV 5	Pet Hill Extension Repairs	2373	Replace undersized head gate and pipe, approximately 800 ft of canal.	Planning	2022 Budgeted Project.
08	Douglas Hobbs	DIV 1	DS Canal Shotgun Culverts	2602	Replace existing Shotgun culverts at Red Dog Road to allow for high summer flows.	Planning	2022 Budgeted Project.
09	Adrian Schneider	DIV 5	Alta Hill Reservoir	2604	Install a permanent bypass and fill in the reservoir. Install new gaging station downstream of the reservoir outlet.	Planning	2022 Budgeted Project.
10	Adrian Schneider	DIV 1	Sugarloaf Reservoir	2550	Install new permanent bypass and abandon the reservoir	Planning	2022 Budgeted Project.
06 - BACKBONE EXTENSION 10151-52911							
01	Tonia Tabucchi Herrera	DIV 5	E. George to LWW Pipeline	2255	Extend a pipeline from the E. George Treatment Plant to Lake Wildwood to increase the water supply capacity, reliability, and create redundancy. Project to be completed in phases as funds become available.	Construction	Phase 5b - Ridge Road waterline replacement in construction by Maintenance. Pavement restoration complete. Waiting on valves for tie in. The Slate Creek PRV relocation and replacement is in planning stage. ROW acquired for Phases 1 & 8a.
07 - NON-PROGRAMMATIC [2,200,000] 10151-52915							
01	Douglas Roderick	DIV 3	Combie I Replacement	6746	Combie Phase 1 Pipeline Bypass, 8900 LF of 96" pipe	Closeout	In discussions with LOPRCSB regarding road repairs. Settlement Agreement being presented at October 21, 2021 Board Meeting
02	Douglas Hobbs	DIV 2	Alta Sierra Tank Replacement	6971	Replace existing Alta Sierra Hypalon-covered reservoir with 3MG storage tank	Construction	Walls and columns completed, roof false work and rebar done. Roof pour scheduled for October 21, 2021.

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07 - NON-PROGRAMMATIC [2,200,000] 10151-52915							
03	Tonia Tabucchi Herrera	DIV 4	Hemphill Diversion	7032	Hemphill Diversion Project to facilitate Fish Passage.	Design	Design contract approved September 22, 2021 with McMillen-Jacobs. Staff and ECORP met with PCCP to discuss path to obtaining PCCP coverage. Based on discussion with PCCP, a permitting agency would have to agree that the best path is PCCP and a permit level package required for consideration as a special entity. Staff is working with McMillen to schedule dates for concept, 50%, and 90% design review. Met with Consultant in field on October 19, 2021.
04	Douglas Hobbs	DIV 5	LWW Clarifier Tank A	2526	Rehabilitate Clarifier Tank A. Work will precede other Lake Wildwood Treatment Plant Upgrades (FATR 2568).	Planning	Originally a Maintenance Project. Evaluating proposals for reconstructed clarifier.
05	Douglas Hobbs	DIV 5	LWW Treatment Plant	2568	Lake Wildwood Treatment Plant Upgrades - Drying beds,	Planning	2022 budgeted project. Currently working on Clarifier Tank A Rehab (FATR 2526) Evaluating alternatives.
06	Adrian Schneider	DIV 3	David Way Pump Station Rehab	2322	Replace the existing David Way Pump Station. Facility is badly deteriorated.	Design	Contract approved by Board on September 22, 2021 for Design/Build by EFI Solutions. Submittals are being reviewed. Delivery and Construction in 2022
07	Tonia Tabucchi Herrera	All	SGIP Battery Installation	2520	Battery installation at various District facilities. Part of the California Public Utilities Self-Generation Incentive Program	Design	Business center ESA to be brought to the board at a future date. Staff is reviewing possible changes to the ESA.
08	Adrian Schneider	DIV 3	North Auburn Treatment Plant	2376	Upgrade of high lift pumps and addition of emergency generator at North Auburn Water Treatment Plant	Design	PG&E accepted larger natural gas service from main in street. Design at 90%. David Way Pump Station has moved ahead of this project.
09	Adrian Schneider	DIV 2	Pine Woods Pump Station	2488	Design, purchase and install a permanent stand-by generator at Pine Woods Pump Station	Planning	Draft Study under internal review.
10	Douglas Hobbs	DIV 2	Loma Rica WTP Clear Well	2375	Expansion of clearwell to add volume for higher plant flows.	Planning	Possibly reprioritize after filter replacement.
11	Douglas Hobbs	DIV 2	Loma Rica WTP Modify CT	2378	Modification of Loma Rica Treatment Plant for additional chlorine contact times	Planning	Possibly reprioritize after filter replacement.
12	Douglas Hobbs	DIV 2	Banner Tank Isolation Valves	2603	Install new isolation vavles and bypass line. 24" bypass line and valves. Move existing flow meter to other side of the tank	Planning	2022 budgeted project. Currently working on Clarifier Tank A Rehab (FATR 2526) Evaluating alternatives.
13	Doug Roderick	DIV 2 & 3	Centennial Water Supply Project	7013	Centennial Water Supply Project	Planning	Next quarterly update to the Board will be at the September 22, 2021 meeting. No consulting work or AB52 consultations have taken place.

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08 - COMMUNITY INVESTMENT 10151-52912							
01	Adrian Schneider	DIV 2	Loma Rica Drive - DFWLE	2181	Assist, Design and Construction of a pipeline for existing neighborhoods approved by the Engineering Committee January 16, 2018	Construction	Contruction more than 50% complete. Anticipate completion by end of November, 2021.
ENGINEERING & ADMIN							
01	Jennifer Hanson, Greg Jones, Doug Roderick	N/A	District Wide Plan for Water	2611	Plan for Water	Planning	First workshop currently planned for November 9, 2021
13-1 - ADMIN CAPITAL 10115-52915							
01	Douglas Hobbs	N/A	Ramp Repairs	2504	Repair the access ramp leading to the Admin entrance at the main office.	Design	Morrison Structures is working on preliminary plans.
17 - SEDIMENT REMOVAL PROJECTS 10151-52914							
01	Adrian Schneider	ALL	District-wide Reservoir Study	2500	District-wide reservoir study of the current condition of all District reservoirs, that includes bathymetry to better understand the diminished capacity due to sedimentation. Will assist in determining costs, prioritization, and alternatives.	Planning	Draft report revisions in process based on internal review and comments. Will be brought forward as part of the Plan for Water process.
	Adrian Schneider	DIV 2	Greenhorn Sediment Removal	8515	Removal of accumulated sediment from the Greenhorn Creek arm of Rollins Reservoir	Hold	Pending final Reservoir Sediment Removal Study for the cost and benefiit analysis, to determine feasibility of removing sediment from this portion of the Rollins Reservoir.
	Adrian Schneider	DIV 3	Orr Creek Reservoir Cleaning	6963	Removal of accumulated sediment from the Orr Creek Reservoir	Hold	Pending final Reservoir Sediment Removal Study for the cost and benefiit analysis, to determine feasibility of removing sediment from this Reservoir.
	Adrian Schneider	DIV 2	Dutch Flat Afterbay Sediment Removal	2213	Remove accumulated sediment from the afterbay to reduce outlet pipe clogging for operation	Hold	Pending final Reservoir Sediment Removal Study for the cost and benefiit analysis, to determine feasibility of removing sediment from this Reservoir.
	Adrian Schneider	DIV 2	Steephollow Sediment Removal	6877	Removal of sediment at Steep Hollow and protection of hydro facilities	Hold	Pending final Reservoir Sediment Removal Study for the cost and benefiit analysis, to determine feasibility of removing sediment from this portion of the Rollins Reservoir.

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DEVELOPER INSTALLED PRIVATE FIRE SERVICES (PFS)							
01	Tonia Tabucchi Herrera	DIV 1	ZAP Manufacturing	2422	10-inch PFS Installation	Post-Construction	Construction complete, waiting for As-built submittal to close project
02	Tonia Tabucchi Herrera	DIV 4	Timberline Lot 20	2175	Two 8-inch PFS's Installation	Pre-Construction	Plans have been signed.
03	Douglas Hobbs	DIV 5	Comfort Plumbing	2476	4-inch PFS Installation	Construction	Main line tee has been installed. Installation of Backflow completed. Waiting for enclosure.
04	Douglas Hobbs	DIV 1	Brunswick Commons Apartments	2495	6-inch PFS Installation, 3-inch domestic service, and 1.5-inch landscape	Construction	Main line tee has been installed. Installation of Backflow completed. Waiting for enclosure.. Contractor constructing PFS and manifold for domestic and irrigation services.
05	Douglas Hobbs	DIV 1	Cashin's Field Apartments	2573	8-inch PFS Installation 2-inch domestic service, and 1-inch landscape	Construction	Pipe and backflow complete. Waiting for enclosure.
06	Adrian Schneider	DIV 1	Chapa De Indian Health Admin Bldg	2582	Installation of 8-inch Private Fire Service	Plan-Check	Final review submitted to developer.
07	Douglas Hobbs	DIV 4	JCC International	2610	Installation of a 6-inch Private Fire Service	Plan-Check	Plans routed for comments.
08	Adrian Schneider	DIV 1	McDonalds	2609	Installation of a 6-inch Private Fire Service	Plan-Check	Plans routed for comments.

DEVELOPER INSTALLED WATERLINE EXTENSIONS							
01	TONIA TABUCCHI HERRERA	DIV 4	Timberline Phase 2	2117	Install approx. 2,200lf of 18" HDPE pipe with access manholes to reroute an existing NID canal within the limits of Phase 2. Also, install approx. 5,300 lf of 12-inch pipe with 49 expected water services.	Plan-Check	Plans routed for comments. Contractor has potholed existing utilities. Has proposed change to the approved plan.
		DIV 4	Timberline Dewitt Sewer Line Conflict	2117	Increase of sewer line size impacts District waterline – Developer relocating a section at Joeger and Meadow Glenn -	Post-Construction	Construction complete, punch-list items to contractor.
02	Tonia Tabucchi Herrera	DIV 1	Gracie Commons	2253	Developer waterline extension of approximately 600 lf waterline off of Gracie Road with services and a fire hydrant for the development named "Gracie Commons" consisting of approximately 16 dwelling units on APNS 005-500-032 & 037-050-054 Nevada City.	Plan-Check	Plans routed for comments.
03	Tonia Tabucchi Herrera	DIV 5	Ridge Village	2547	Installation of approx 1,340 lf 8-inch waterline and fire hydrants	Construction	Site grading has started. Contractor has potholed utilities in Slate Creek Road for waterline tie-in. Conflicts found with potholing, revisions made by developer's engineer, reviewed by ND.

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DEVELOPER INSTALLED WATERLINE EXTENSIONS							
04	Adrian Schneider	DIV 5	Nevada Joint Union High School District	2558	Installing approximately 385lf of 10-inch waterline, 67lf of 6-inch, 1 fire hydrant	Plan-Check	Final plan review in process.
05	Adrian Schneider	DIV 1	Queen Lil Place	2566	Installation of approx 695 lf of 8-inch waterline, 486 lf of 4-inch waterline and 1 fire hydrant	Plan-Check	Waiting for easements to place pipe on private road (Developer).
06	Adrian Schneider	DIV 1	Blair Ct	2108	Installation of approx 500 lf of 8-inch pipe, 1 fire hydrant, 1 private fire service	Post-Construction	Construction complete, waiting for As-built submittal to close project.
07	Douglas Hobbs	DIV 4	Placer County Government Center	2473	Installation of approx 1,985 lf of 16-inch waterline, 4 fire hydrants, and all appurtenances. Also encase and realign approx 1,306 lf of Ophir Canal along 1st Street (Placer County Government Center).	Post-Construction	Canal complete and in service. Pressure testing of treated waterline complete.
08	Douglas Hobbs	DIV 1	Loma Rica Ranch	2543	Installing approximately 9,700 lf of waterline, 17 fire hydrants, 1 PRV station	Plan-Check	Design review complete and plans have been signed.
DEVELOPER INSTALLED CANAL ENCASEMENTS							
01	Doug Roderick	DIV 4	Lincoln Meadows Subdivision	2429	Encase Lincoln Canal through Lincoln Meadows Subdivision parcel	Construction	Construction nearing completion; pipe in service, waiting for storm drain tie-in. Anticipated completion October 2021.
02	Tonia Tabucchi Herrera	DIV 4	Hemphill Canal Encasement	2608	Encase Hemphill Canal through Esplanade	Plan-Check	In Plan Check