



City of Henderson 2021-2026 Capital Improvement Plan Project Summary

FC054 - FLOOD CONTROL MAINTENANCE PROJECTS

Sub Program	Regional Maintenance	Department	CAP-3900 - Public Works
Start Date	2006-07-01	Completion Date	2029-06-30
Manager	Al Jankowiak	Project Status	Active

Description Miscellaneous flood control maintenance improvements throughout the City.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	824,295	840,781	857,596	874,748	892,243	910,087	2,840,934
Total Expenditure	824,295	840,781	857,596	874,748	892,243	910,087	2,840,934

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	-



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FC068 - LANDER CHANNEL

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2022-07-02	Completion Date	2023-03-29
Manager	Al Jankowiak	Project Status	Proposed

Description Replace rip rap lining with a concrete lining to increase maintenance efficiency and flood protection. (Local facility)

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	808,300	-	-	-	-
Total Expenditure	-	-	808,300	-	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	-



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FC070 - TETON RANCH AT SHORT CREST

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2020-07-01	Completion Date	2022-06-30
Manager	Al Jankowiak	Project Status	Planned

Description Repair curb, gutter, and asphalt to minimize ponding nuisance water at easement entrance. (Based on complaint file)

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	5,750	66,505	-	-	-	-
Total Expenditure	-	5,750	66,505	-	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	1,000	1,000	1,000	1,000	1,000	2,000



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FC079 - EQUESTRIAN - KENNEL CLUB TO MAGIC WAY

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2024-07-01	Completion Date	2026-06-30
Manager	Al Jankowiak	Project Status	Planned

Description Install new storm drain system to address localized neighborhood drainage issues.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	84,499	549,241	-	-
Total Expenditure	-	-	-	84,499	549,241	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC080 - BOULDER HWY - MAJOR TO DONDERO

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2025-07-02	Completion Date	2026-03-31
Manager	Al Jankowiak	Project Status	Planned

Description Install new storm drain system to address localized neighborhood drainage issues.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	-	-	2,456,325	-
Total Expenditure	-	-	-	-	-	2,456,325	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC082 - NEWPORT - RACETRACK TO MAGIC

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2026-07-01	Completion Date	2027-06-30
Manager	Al Jankowiak	Project Status	Planned

Description Install new storm drain system to address localized neighborhood drainage issues.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	-	-	164,698	1,070,536
Total Expenditure	-	-	-	-	-	164,698	1,070,536

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	-



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FC085 - PITTMAN SUNSET, GALLERIA TO FOSTER (PTBH 0000-0015 and PTSU 0000-0069)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2010-09-01	Completion Date	2024-06-30
Manager	Al Jankowiak	Project Status	Planned

Description The project consists of (2) 10' X 8' reinforced concrete boxes and a concrete lined channel to intercept and convey storm flows of 2522 cfs from the intersection of Boulder Hwy. and Sunset Rd. to the existing Pittman Burns Channel.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	605,788	-	5,784,127	-	-	-
Total Expenditure	-	605,788	-	5,784,127	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	2,022	13,091



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FC089 - LOWER PITTMAN - REPLACE PITTMAN WASH EASTERN TO PECOS (PTWA 0346 THRU 0486)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2025-07-01	Completion Date	2029-06-30
Manager	Al Jankowiak	Project Status	Planned

Description This project consists of a concrete lined channel that ties into an existing culvert at Pebble Rd. and extends to the existing culverts under Pecos Rd. This project is to replace the earthen channel that currently exists. The proposed channel will convey approximately 3750 cfs.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	-	-	-	-	1,153,330	9,610,634
Total Expenditure	-	-	-	-	-	1,153,330	9,610,634

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	-



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FC090 - C1 4KIDS WASH LAKE MD-EAGLE ROCK (C1FK 0040)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2023-07-01	Completion Date	2027-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of concrete lined channel approx. 1525 feet in length that conveys 873 cfs.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	-	-	64,721	-	-	889,914
Total Expenditure	-	-	-	64,721	-	-	889,914

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	15,113



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FC092 - PITTMAN BELTWAY - ANTHEM PARKWAY CHANNEL HORIZON-SIENNA HEIGHTS (PTAP 0018)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2025-07-01	Completion Date	2026-06-30
Manager	Al Jankowiak	Project Status	Planned

Description The project consists of a concrete lined channel that is approx. 1450 feet in length that conveys a 100-year flow of 1846 cfs. The channel will tie into the existing box culverts under Horizon Ridge Parkway at the upstream end and tie into the existing box culverts under Siena Heights Dr. at the downstream end.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	-	-	-	-	933,046	-
Total Expenditure	-	-	-	-	-	933,046	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	19,974



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FC107 - C-1 (C1LM 0141 THRU 0184) BURKHOLDER DRIVE TO WARM SPRINGS ROAD

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2022-07-01	Completion Date	2026-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of a concrete lined channel that will convey 614 cfs.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	-	464,305	-	-	2,736,109	-
Total Expenditure	-	-	464,305	-	-	2,736,109	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	2,022	13,091



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FC113 - UPPER PITTMAN (PTSD 0000 THRU 0043) PITTMAN NORTH DETENTION BASIN TO LARSEN LANE

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2021-07-01	Completion Date	2025-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of a concrete lined channel and two reinforced box culverts that are approx. 2350 linear feet and conveys 3783 cfs.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	785,165	-	-	8,982,735	-	-
Total Expenditure	-	785,165	-	-	8,982,735	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	-	-	-	15,113



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FC125 - C-1 CHANNEL SNWA DROP STRUCTURE TO LAKE MEAD (C1CH 0161 TO 0173, 0204)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2020-07-01	Completion Date	2024-06-30
Manager	Albert Jankowiak	Project Status	Proposed

Description This project will consist of 2,500 lineal feet of 50-ft wide by 10-ft deep concrete lined channel to convey 7,115 cfs of flow and will connect the confluence at Pueblo Dr. into the existing energy dissipator structure at Tuscany. Landwell (developer) is actively working on the project design and has contributed funds toward both engineering and construction costs.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	849,757	-	-	5,391,265	-	-	-
Total Expenditure	849,757	-	-	5,391,265	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	-	2,022	2,063	2,148	6,775



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FC135 - CADIZ STORM DRAIN - RACETRACK TO PUEBLO (C1CA 0000)

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2025-07-01	Completion Date	2029-06-30
Manager	Albert Jankowiak	Project Status	Proposed

Description Installation of 2630 LF 54-inch RCP storm drain.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	-	-	3,010,540	-	-	-	-
Total Expenditure	-	-	3,010,540	-	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Services and Supplies	-	-	2,022	2,063	2,105	2,148	6,775



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FC137 - CHOLLA STREET - DONDERO TO COVINA CROSSING STORM DRAIN

Sub Program	Local Flood	Department	CAP-3900 - Public Works
Start Date	2024-07-15	Completion Date	2025-03-31
Manager	Albert Jankowiak	Project Status	Planned

Description Install 2000 LF 36" storm drain.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	646,000	-	-	-
Total Expenditure	-	-	-	646,000	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC141 - PITTMAN EAST DETENTION BASIN STORMWATER QUALITY RETROFIT (PTEA 0439)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2019-07-01	Completion Date	2021-06-30
Manager	Albert Jankowiak	Project Status	Proposed

Description Construct a stormwater quality structure on the outlet of the basin.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
RTC/County Funded Projects	512,708	-	-	-	-	-	-
Total Expenditure	512,708	-	-	-	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC143 - PITTMAN SUNSET, BURNS TO FOSTER (PTBH 0000-0015, PTSU 0034-0069)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2020-07-01	Completion Date	2024-06-30
Manager	Al Jankowiak	Project Status	Planned

Description The project consists of reinforced concrete boxes ranging in size from 7' x 4' to 18' x 7' and a concrete lined channel to intercept and convey storm flows of 2111 cfs from the intersection of Sunset and Foster to the existing Pittman Burns Channel.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	5,784,128	-	-	-	-
Total Expenditure	-	-	5,784,128	-	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC144 - UPPER PITTMAN - SOUTHEAST PITTMAN DETENTION BASIN (PTBE 0062-0064; PTSO 0000)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2022-07-01	Completion Date	2026-06-30
Manager	Al Jankowiak	Project Status	Planned

Description The project consists of a 550 AC detention basin with a 50,690 CFS PMF spillway and a 42" RCP with 24" Orifice Plate Outlet.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	895,293	-	8,548,309	-
Total Expenditure	-	-	-	895,293	-	8,548,309	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC145 - UPPER PITTMAN - PITTMAN GILESPIE (PTGL 0001 AND 0011)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2026-07-01	Completion Date	2028-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of reinforced concrete boxes ranging in size from 7' x 4' to 18' x 7' and a concrete lined channel to intercept and convey storm flows of 2111 cfs from the intersection of Sunset and Foster to the existing Pittman Burns Channel.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	-	-	-	7,447,426
Total Expenditure	-	-	-	-	-	-	7,447,426

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC146 - UPPER PITTMAN-PITTMAN WASH SOUTH PHASE 1-PITTMAN N DET BASIN TO LARSON LN (PTSD 0016, 0017 & 0043)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2024-07-01	Completion Date	2028-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of a 13' X 8' reinforced concrete box, a 30'w x 8'd concrete channel and an 18' x 18' RCBC on Larson Ln.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	-	1,028,091	7,021,684	-
Total Expenditure	-	-	-	-	1,028,091	7,021,684	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC147 - UPPER PITTMAN - PITTMAN WASH SOUTH PHASE 2 - LARSON LANE TO ROBAN STREET (PTSD 0044, 0070, 0071)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2026-07-01	Completion Date	To be determined.
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of a 25' X 26' reinforced concrete box, a 30'w x 8'd concrete channel and 25'w x 8'd concrete channel to intercept flow and convey it to the Pittman North Detention Basin.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	-	-	-	1,069,393
Total Expenditure	-	-	-	-	-	-	1,069,393

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-



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FC148 - UPPER PITTMAN - SOUTHWEST PITTMAN DETENTION BASIN (PTSD 0233-0234)

Sub Program	Regional Flood	Department	CAP-3900 - Public Works
Start Date	2023-07-01	Completion Date	2024-06-30
Manager	Al Jankowiak	Project Status	Proposed

Description The project consists of a 26,890 CFS PMF spillway and 452 AC-FT detention basin to intercept flow and convey it to the Pittman North Detention Basin.

Project Forecast

Funding Source	2021	2022	2023	2024	2025	2026	Future Years
To Be Determined	-	-	-	5,637,460	-	-	-
Total Expenditure	-	-	-	5,637,460	-	-	-

Operating Impact

Description	2021	2022	2023	2024	2025	2026	Future Years
Salaries and Benefits	-	-	-	-	-	-	-
Services and Supplies	-	-	-	-	-	-	-