

Project Name: Ave Maria Outfall (Ave Maria to Burwood)



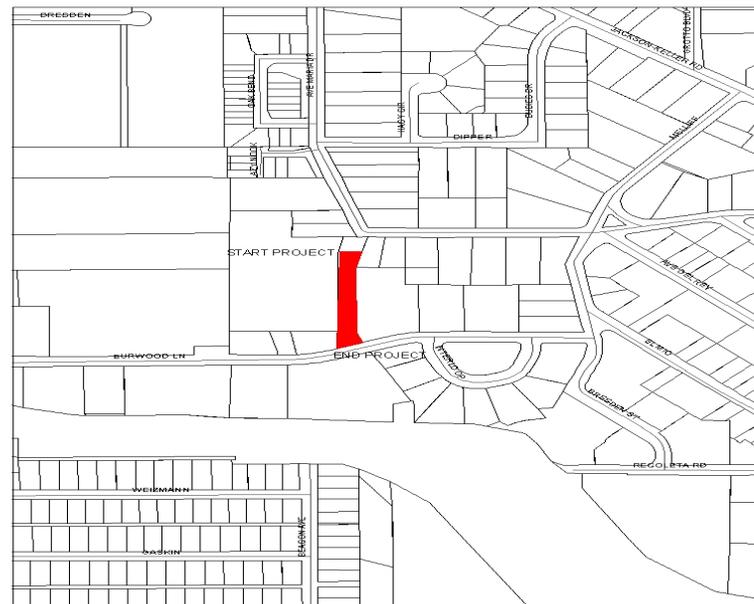
Project Number: 1642
Project Costs: \$1,036,000
Street Type: NA
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Ave Maria Outfall (Ave Maria to Burwood)

Improve Drainage Channel outfall from Ave Maria to Burwood. Replace culvert at Burwood.

Previous/Current Phases:

Ave Maria Drainage (Street - Jackson Keller to San Pedro, Channel - Jackson Keller to Oak Bend) - Completion Date: 02/07



Project Name: Broadway Corridor - Phase III (Carnahan to Burr)



Project Number: 1646
Project Costs: \$12,000,000
Street Type: Arterial
Drainage Type: Regional
Street Capacity: No
Street Preservation: Yes
MultiModal: Yes

Broadway Corridor - Phase III (Carnahan to Burr)

The proposed Phase III drainage system begins at Broadway and Carnahan and extends along Broadway to Burr Road. The drainage system is designed to convey the 100-year storm event across Broadway. Drainage improvements will alleviate flooding along the Broadway corridor beginning at Carnahan and terminating at Burr Road.

Previous/Current Phases:

Phase I, Part I - Grayson to San Antonio River
- Completion Date: 12/06

Phase II, Part I - Alleviate flooding at the intersections of Broadway, Cunningham and Alamo - Completion Date: 12/07



Project Name: Commercial Tributary Phase II (Petaluma to IH 35)



Project Number: 1288
Project Costs: \$15,611,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Commercial Tributary Phase II (Petaluma to IH 35)

This project designs and constructs the drainage channel and related drainage structures at cross streets from Petaluma to IH 35 for a 100 year ultimate storm event. Includes channel construction, rip-rap and 12 road culvert crossings. Approximately 8700 feet in channel construction.

Previous/Current Phases:
Phase I - Six Mile Creek to Formosa. Design from 6 Mile Creek to Formosa. Construct from 6 Mile Creek to Petaluma. Completion Date: 12/08

**Commercial Tributary Phase II
Petaluma Blvd. to IH-35**



Project Name: Culebra 58F Phase 2B (Laven to upstream of Culebra)



Project Number: 1331
Project Costs: \$10,687,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: Yes
MultiModal: No

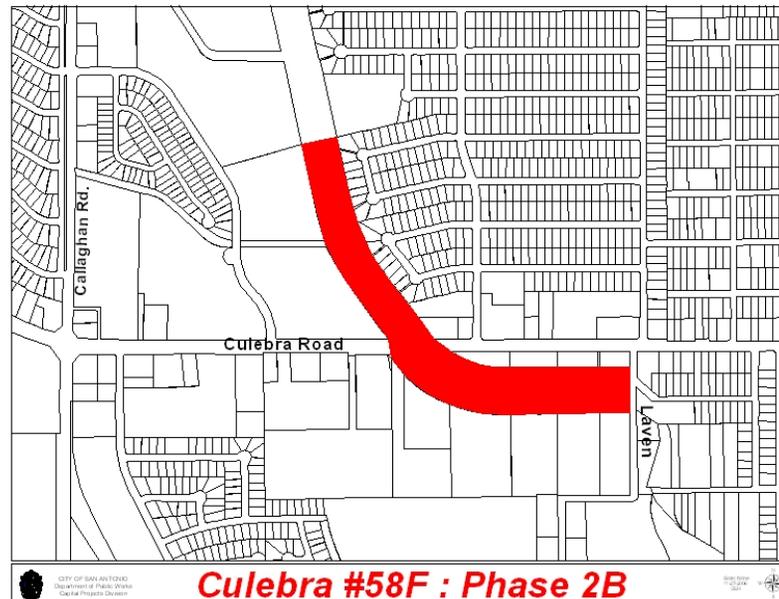
Culebra 58F Phase 2B (Laven to upstream of Culebra)

Reconstruct Zarzamora Creek from Laven to 1600 feet upstream of Culebra to 100 year capacity. Includes upgrading the Culebra crossing to allow for a 100 year capacity. This project will eliminate flooding of approximately 60 homes and businesses along the creek.

Previous/Current Projects:

Phase 1 - Rubidoux to Commerce - Completion Date: 04/03

Phase 2A - Rubidoux to Laven - Completion Date: 08/07



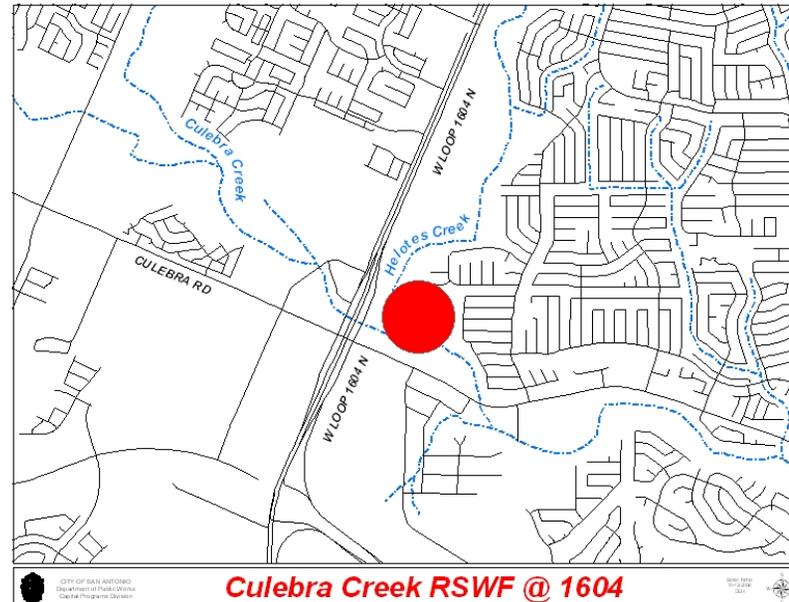
Project Name: Culebra Creek RSWF @ 1604 - Construction Only (Northeast corner of 1604 and Culebra Road)



Project Number: 527
Project Costs: \$5,140,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Culebra Creek RSWF @ 1604 - Construction Only (Northeast corner of 1604 and Culebra Road)

Construct Regional Storm Water Facility at confluence of Culebra and Helotes Creek. Drainage improvement design drawings have been prepared. Level II cost estimate is based on designed improvements. The property is dedicated to COSA as part of a developer agreement.



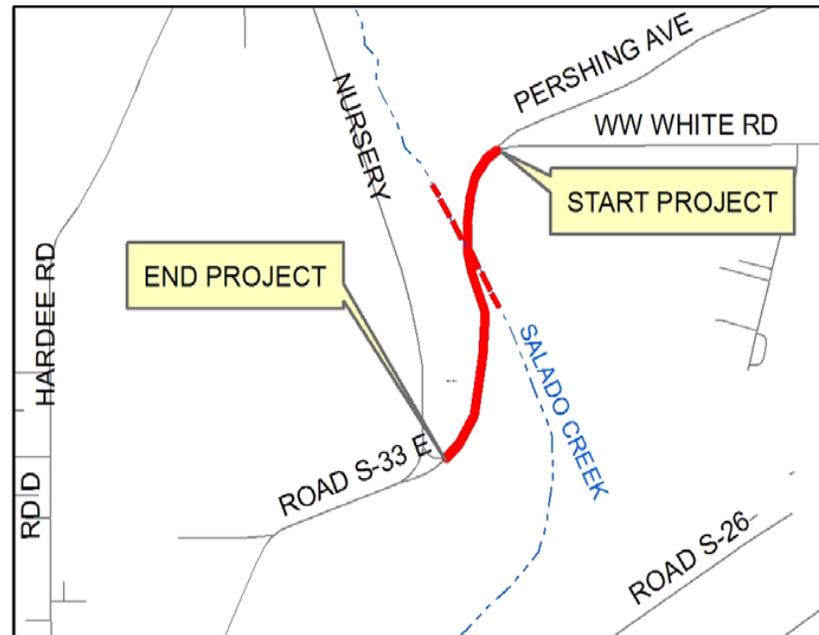
Project Name: Fort Sam Houston Drainage



Project Number: 1629
Project Costs: \$6,261,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Fort Sam Houston Drainage

Provide drainage needs for Fort Sam Houston, including a bridge crossing Salado Creek, tying WW White into Nursery Street.



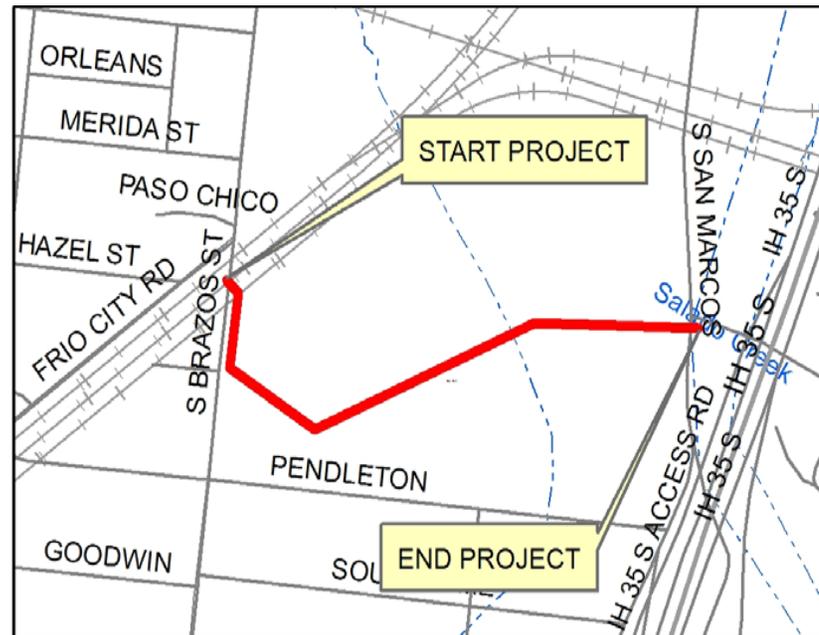
Project Name: Frio City Road Outfall



Project Number: 704
Project Costs: \$5,798,000
Street Type: NA
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Frio City Road Outfall

Construct an outfall drainage system for the area bounded by Frio City Road, Amtrak and Highway 90.



Project Name: Goliad Rd (Military to Pecan Valley) Ph.2 (Lasses to Pecan Valley)



Project Number: 1002
Project Costs: \$12,175,000
Street Type: Arterial
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: Yes

Goliad Rd (Military to Pecan Valley) Ph.2 (Lasses to Pecan Valley)

Continues the Goliad Rd. (Military to Pecan Valley) Ph. 1 project from the end of Ph. 1 (Lasses) to Pecan Valley. It provides for a typical 44 ft wide, 4 lane street section and underground storm system to relieve drainage problems on Goliad Rd. Includes 6-foot sidewalks, curbs, and driveway approaches.

Previous/Current Projects:
Phase I - Military to Lasses - Completion Date: 08/07

**Goliad Road: Military to Pecan Valley
Phase II (Lasses to Pecan Valley)**



Project Name: Goliad/IH37 Outfall (Channel from Goliad to across IH37)



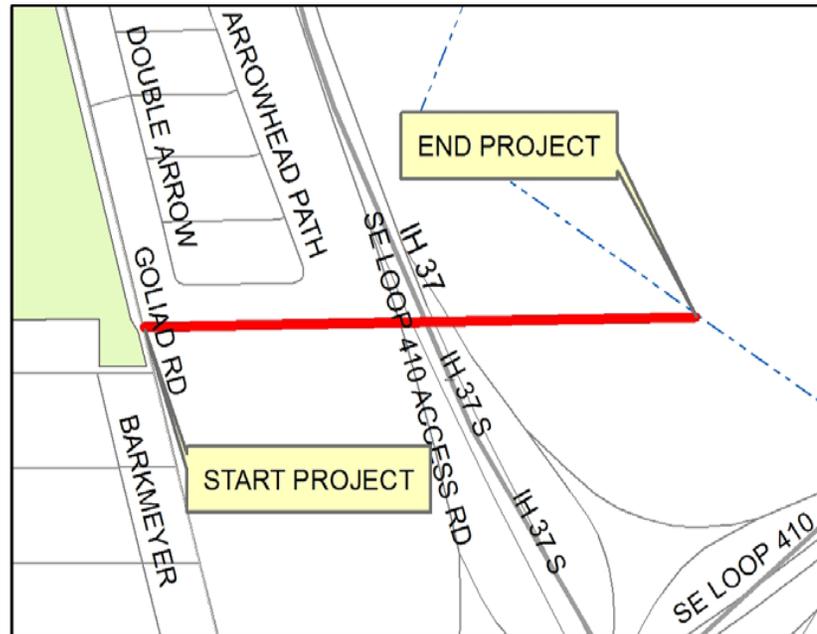
Project Number: 886
Project Costs: \$7,822,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Goliad/IH37 Outfall (Channel from Goliad to across IH37)

Construct drainage improvements and expand channel to enhance safety of drainage structures under IH 37. Put three drop structures in expanded channel and bore underneath I-37 to install two additional 10' diameter steel culverts by pipe jacking method. 950' long by 50' wide ROW required parallel to existing channel.

Previous/Current Projects:

Phase I - Channel from Military to Goliad Crossing - Completion Date: 12/06
Phase II - 2 Bridges across channel - Completion Date: 12/06



Project Name: Guilbeau Road Drainage Improvements Phase II (Mystic Park to 800' east of Mystic Park)



Project Number: 1638
Project Costs: \$1,273,000
Street Type: Arterial
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: Yes

Guilbeau Road Drainage Improvements Phase II (Mystic Park to 800' east of Mystic Park)

Continue construction of storm drain system along Guilbeau Road from Mystic Park to 800 feet east of Mystic Park. Curb inlets installed and traffic signal modifications.

Previous/Current Projects:
Phase I - French Creek to Mystic Park -
Completion Date: 05/04



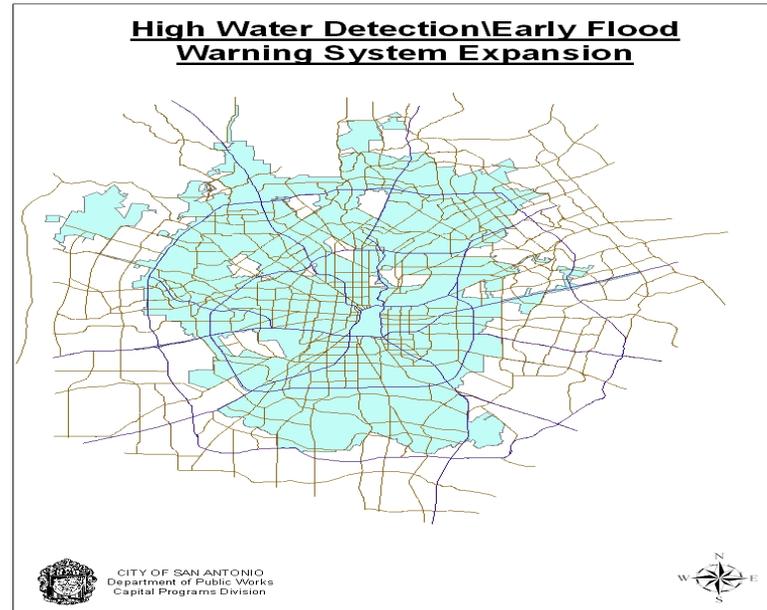
Project Name: High Water Detection/Early Flood Warning System Expansion



Project Number: 1542
Project Costs: \$1,000,000
Street Type: Various
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

High Water Detection/Early Flood Warning System Expansion

High Water Detection/Early Flooding Warning System Expansion - Add additional HWDS and EFWS locations.



Project Name: Indian Creek Channel Improvement (Five Palms to Godek)



Project Number: 1696
Project Costs: \$1,900,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Indian Creek Channel Improvement (Five Palms to Godek)

Improve existing channel on Indian Creek from Five Palms to Godek and tie into the separately funded HUD108 crossing on War Cloud (10-10'x7' MBC). This project will remove properties from the floodplain.

Previous/Current Projects:
War Cloud (Running Horse to Rain Dance) -
Completion Date: 02/09

Indian Creek Improvement Channel



Project Name: Kentwood Manor Area Drainage Phase I



Project Number: 897
Project Costs: \$5,000,000
Street Type: Local
Drainage Type: Local
Street Capacity: No
Street Preservation: No
MultiModal: No

Kentwood Manor Area Drainage Phase I

Interceptor ditches along streets with culvert crossings at driveways to prevent water sheet flowing over the streets into private property. Phase I will build a portion of the entire project which costs approximately \$15.55M.

Future Projects (Unfunded):
Phase II - Kentwood Manor Area Drainage



Project Name: Marbach Drainage Phase II (Military to Loop 410)



Project Number: 1744
Project Costs: \$4,430,000
Street Type: Arterial
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Marbach Drainage Phase II (Military to Loop 410)

Provides the drainage component to the Marbach Phase II (Military to Loop 410) project. Street component is Project 1085.

Previous/Current Projects:

Phase I - Marbach (Pinn to Military) (Currently under construction) - Completion Date: 12/07

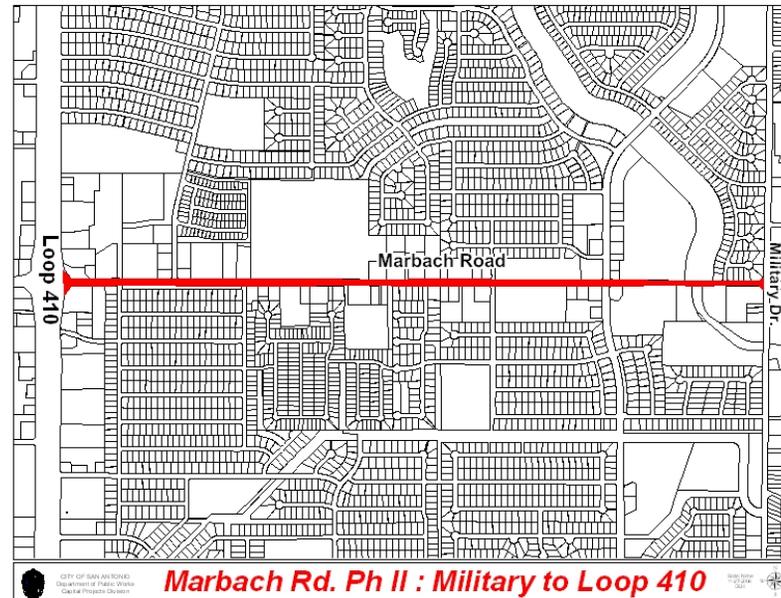
Future Projects (Unfunded):

Phase IB - Marbach (Pinn Road to Slick Ranch Creek)

Phase IIB - Marbach (west of Rawhide to Loop 410)

Phase III - Harness Lane (Marbach to Westshire Drive)

Phase IV - Marbach (Loop 410 to Cable Ranch Road)



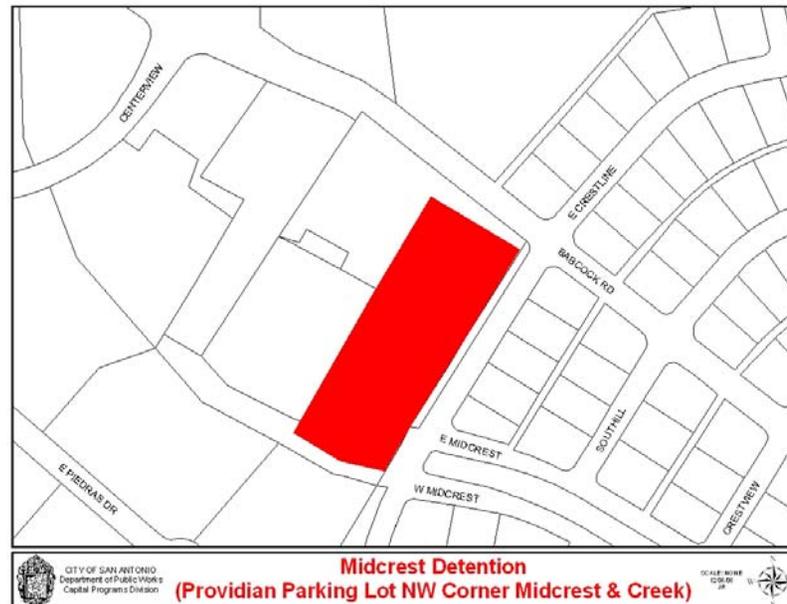
Project Name: Midcrest Detention (Providian Parking Lot NW Corner Midcrest & Creek)



Project Number: 1540
Project Costs: \$7,577,000
Street Type: NA
Drainage Type: Local
Street Capacity: No
Street Preservation: No
MultiModal: No

Midcrest Detention (Providian Parking Lot NW Corner Midcrest & Creek)

Detention pond will contain the entire Watershed of 136 acres and reduce the flooding downstream and reduce flooding for 4 LWC structures.



Project Name: Octavia #63 Phase II



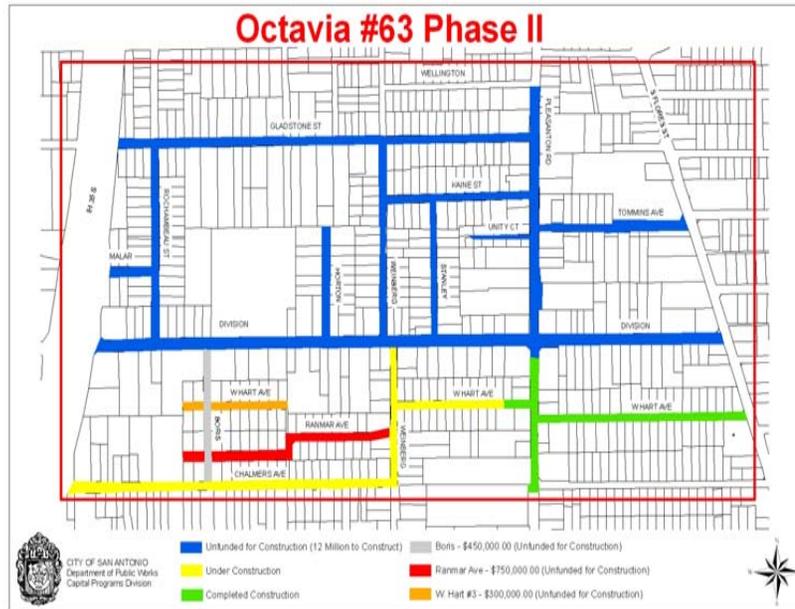
Project Number: 1702
Project Costs: \$1,400,000
Street Type: Arterial
Drainage Type: Regional
Street Capacity: No
Street Preservation: Yes
MultiModal: Yes

Octavia #63 Phase II

Reconstruct the streets with new underground drainage systems, curbs, sidewalks and driveway approaches in the area bounded by South Flores, West Hart Avenue / Weinberg / Chalmers Avenue, IH 35 South and Gladstone Street/Tommins Avenue. Actual work to be performed to be determined based on funding.

Previous/Current Projects:

- Phase I - Area bounded by Octavia , S. Flores, Hart and Sierra - Completion Date: 11/02
- Phase II, Part 1 - Hart and Pleasanton Road - Completion Date: 03/05
- Phase II, Part B - Hart, Weinberg and Chalmers - Completion Date: 03/06



Project Name: RipRap 69, Phase II C Part 4 (Southcross (Commercial to Marney))



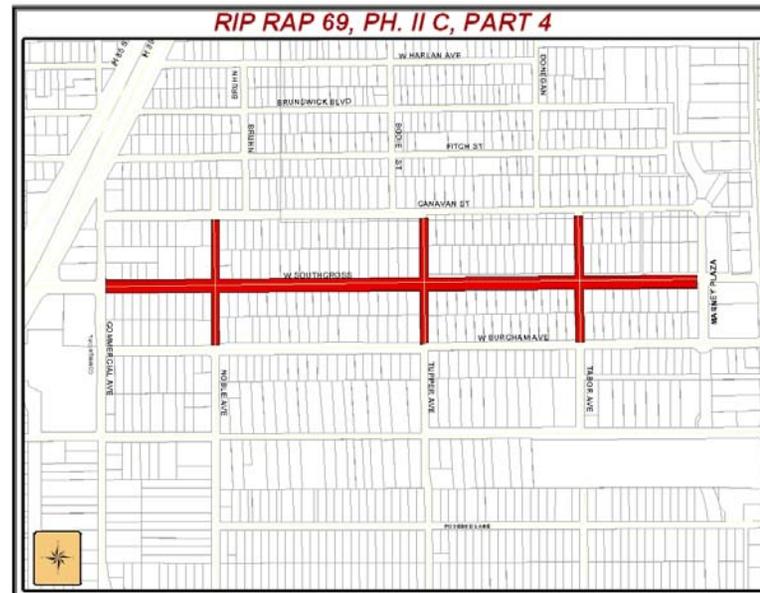
RipRap 69, Phase II C Part 4 (Southcross (Commercial to Marney))

Provides a 4-lane street section, 4 ft detached sidewalks, curbs, driveway approaches and necessary drainage on Southcross from Commercial to Marney. Noble, Tupper, and Tabor from Burcham to Canavan are 2-lane street sections with curbs, 4 ft sidewalks and driveway approaches.

Previous/Current Phases: Phases I,IIA,IIB,IIC Part I, II,III, and IIIA are completed street and drainage projects in this project area. Marney Plaza will be completed in 12/07. Phase IID Streets will be completed in 4/09.

Future Projects (Unfunded): Phase IID Channel (Canavan to IH35) - See project 1180.

Project Number: 1278
Project Costs: \$7,515,000
Street Type: Collector
Drainage Type: Regional
Street Capacity: No
Street Preservation: Yes
MultiModal: Yes



Project Name: RipRap 69, Phase II D - Channel



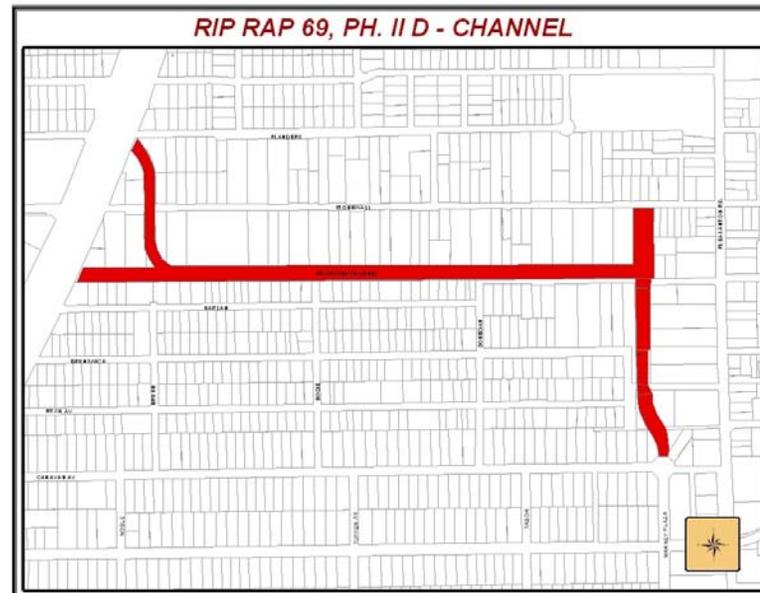
RipRap 69, Phase II D - Channel

This project is to provide for channel improvements, one of the phases of the Rip Rap #69 project. The channel will begin at IH-35 and run east to tie into the box culverts constructed as part of the Marney Plaza Outfall Project. The channel will be a combination of earthen and concrete channel.

Previous/Current Phases: Phases I,IIA,IIB,IIC Part I, II,III, and IIIA are completed street and drainage projects in this project area. Marney Plaza will be completed in 12/07. Phase IID Streets will be completed in 4/09.

Future Projects (Unfunded) : Phase IIC Part IV Southcross (Commercial to Marney) - See project 1278.

Project Number: 1180
Project Costs: \$6,062,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No



Project Name: Skyline Area Drainage Phase I (Skyline, Middle, Cisco)



Project Number: 955
Project Costs: \$7,919,000
Street Type: Local
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Skyline Area Drainage Phase I (Skyline, Middle, Cisco)

This project includes reconstruction of Cisco, Middle and Skyline from Bell to the dead end. This project also calls for installing inlets and pipes at the Dead end of Skyline and tying into the existing system.

Previous/Current Projects:
Skyline Neighborhood Improvements Phase I (Erin, Cisco and Middle) - Completion Date: 04/07



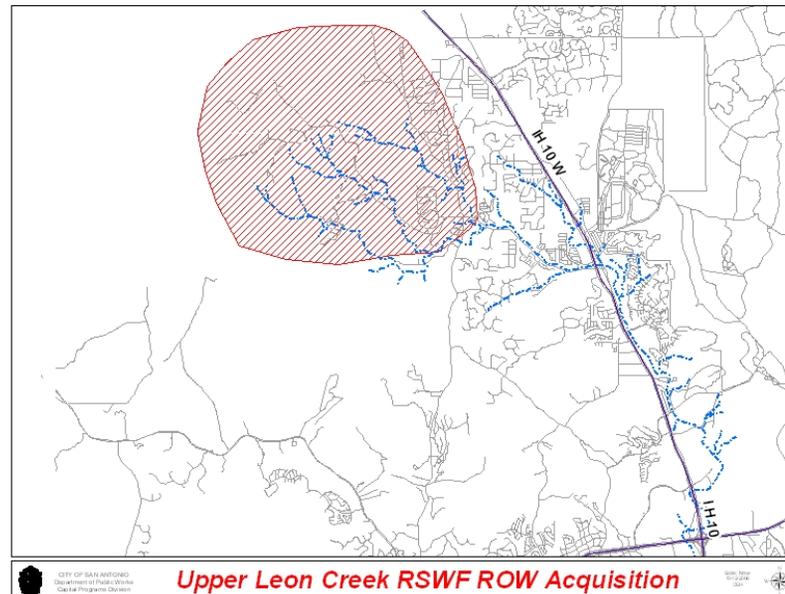
Project Name: Upper Leon Creek Regional Storm Water Facility Right of Way Acquisition



Project Number: 1655
Project Costs: \$3,156,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Upper Leon Creek Regional Storm Water Facility Right of Way Acquisition

Purchase of 3 properties (sites 2, 11, & 13) for possible future construction of storm water detention facilities. Level II estimates prepared by staff. Once constructed, facilities will reduce flooding conditions at Boerne Stage Road & IH10 and points downstream.



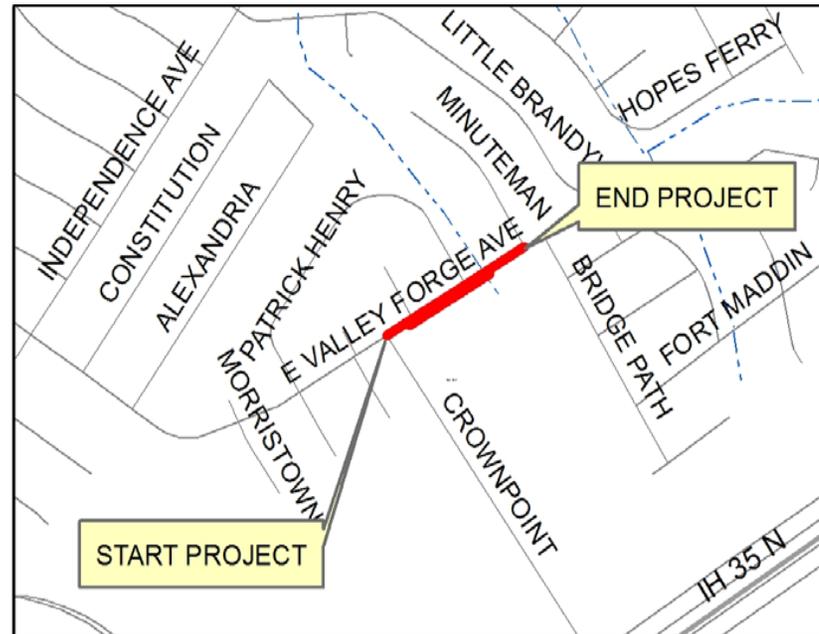
Project Name: Valley Forge Drainage System (Crown Point to Drainage Channel)



Project Number: 963
Project Costs: \$1,129,000
Street Type: Local
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Valley Forge Drainage System (Crown Point to Drainage Channel)

This project involves construction of a reinforced concrete pipe drainage system from Crown Point along Valley Forge to an existing drainage channel. It will require street reconstruction of Valley Forge from Crown Point to Minuteman. No additional drainage right of way is required.



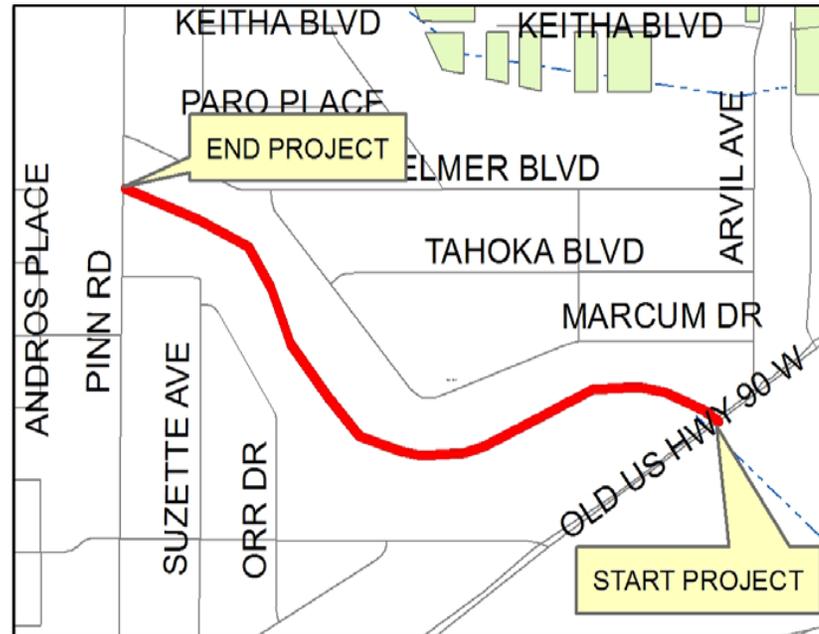
Project Name: Westwood Village Drainage (Pinn to Old Highway 90)



Project Number: 628
Project Costs: \$3,080,000
Street Type: NA
Drainage Type: Regional
Street Capacity: No
Street Preservation: No
MultiModal: No

Westwood Village Drainage (Pinn to Old Highway 90)

Improvement of existing box culvert system at Old Highway 90 (8-10x5. MBC). Also channel improvements from old Hwy 90 to Pinn (in Westwood Village neighborhood between Orr and Marcum Rd.).



Project Name: WW White Area Streets Ph II



WW White Area Streets Ph II

A storm sewer system is to be constructed along Holmgreen Street to provide drainage for an area between Rice Road (north) and Holmgreen (south). The project will consist of an underground system and an open channel. The new system will discharge into the concrete channel carrying it to the stream. Street reconstruction will be required for Brusk Road from Rice to Goodell; Goodell from Brusk to Schumacher; Schumacher from Rice to Holmgreen; and Holmgreen from WW White to turn just west of My Lane.

Previous/Current Projects:

- Phase I, Part 1 - Upgrade drainage system on Diane and Glenoak - Completion Date: 08/08
- Phase I, Part 2 - Upgrade drainage system on Covington and Grobe - Completion Date: 04/08

Project Number: 974
Project Costs: \$9,089,000
Street Type: Local
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No



Project Name: Zarzamora Drainage #39 (Zarzamora (Winnipeg to Humble) and Winnipeg (Zarzamora to Jennings))



Project Number: 854
Project Costs: \$12,940,000
Street Type: Arterial
Drainage Type: Local
Street Capacity: No
Street Preservation: Yes
MultiModal: No

Zarzamora Drainage #39 (Zarzamora (Winnipeg to Humble) and Winnipeg (Zarzamora to Jennings))

Complete street reconstruction of Zarzamora from W. Winnipeg Ave to Humble Ave. and W. Winnipeg Ave. from Zarzamora to Jennings with underground drainage to alleviate street flooding.

