

STORMWATER ENGINEERING RESOURCES & REFERENCES

Drainage Design Standards

The City is a member of the Countywide Stormwater Quality Partnership to coordinate regional drainage and water quality strategies protecting our environment and private property through consistent Best Management Practices across Sacramento County.

Projects that include grading, new construction or improvements to existing facilities may have impacts to the City's drainage system. All public and private projects shall utilize the following design standards to be in compliance with the City's Municipal Code and Municipal Stormwater (MS4) Permit requirements:

Work near Floodplains and Creeks (City Standards)

Creekside Development - [City Zoning Code 106.30.040](#)

Floods and Floodplains - [City Ordinance Chapter 42](#)

Drainage Development Policy - City [Policy](#)

Drainage Design Standards (Sacramento County) – [Section 9](#)

Drainage Design Manual (Sacramento County) – [Volume 2](#)

Low Impact Development (LID) Standards (Stormwater Partnership) – [Be River Friendly](#)

Sacramento Area Hydrology Model (SAHM) (Stormwater Partnership) – [SAHM](#)

Construction Best Management Practices

Erosion Control Requirements (Sacramento County) – [Section 11](#)

Stormwater Pollution Prevention Plans (SWPPP) (State Water Resources Control Board) – [NPDES 2022 Construction Stormwater General Permit](#)

MS4 Permit (Stormwater Partnership Joint Municipal Permit) – [NPDES No CAS0085324](#)

Citywide Storm Drain Master Plans

Since taking over the operation and maintenance of the drainage system from Sacramento County in 2010, the Citrus Heights Stormwater Program has been actively working to improve stormwater management within the City. In order to identify the impediments to the city's drainage system, Stormwater staff are currently in the process of developing Drainage Master Plans to evaluate the city's existing drainage issues and prioritize the implementation of the improvements. The analysis has been split into 4 phases:

- Phase I: Neighborhood Areas 6 and 7 (complete)
- Phase II: Neighborhood Areas 8, 9, and 10 (complete)
- Phase IV: Neighborhood Areas 1, 2, and 3 (planned for a future year)
- Phase III: Neighborhood Areas 5, 6, and 11 (planned for a future year)

[Download the Citrus Heights Neighborhood Area Map \(PDF\)](#)

In March 2012, the city completed the first phase of the Drainage Master Plan. Neighborhood Areas 6 and 7 were selected as the first phase of the project due to the lack of defined drainage systems in that quadrant of the city. In May 2016, the city completed the Areas 8, 9, and 10 Master Plan Study. As funding permits, the remaining areas will be evaluated. More information about the city's 5-year plan for implementing major infrastructure improvements is available in the [2023-2028 Capital Improvement Program](#) (CIP).

- Neighborhood Areas 6 & 7 Storm Drainage Master Plan Study [Part 1 \(PDF\)](#)
- Neighborhood Areas 6 & 7 Storm Drainage Master Plan Study [Part 2 \(PDF\)](#)
- Neighborhood Areas 6 & 7 Storm Drainage Master Plan Study [Part 3 \(PDF\)](#)
- Neighborhood Areas 6 & 7 Storm Drainage Master Plan Study [Part 4 \(PDF\)](#)
- Neighborhood Areas 6 & 7 Storm Drainage Master Plan Study [Part 5 \(PDF\)](#)
- Neighborhood Areas 8, 9, & 10 Storm Drainage Master Plan Study [Executive Summary \(PDF\)](#) (18 page PDF)
- Neighborhood Areas 8, 9, & 10 Storm Drainage Master Plan Study [Full Report \(PDF\)](#) (137 page PDF)

If you have questions or would like more information about the drainage projects, contact General Services at 916-727-4770 or via stormwater@citrusheights.net.