Problem 1 - Recurring Flooding Along Ditch/Pipe System

LEGEND
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAVD88)
Figure 7-3
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

Problem Location 1
Proposed Solution

Diversion Structure:
Divert Large Flows to Pipe in Linden Ave

Replace Existing Pipe in Auburn Blvd

LEGEND
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAVD88)
- Proposed Inlet
- Proposed Outfall
- Proposed Manhole
- Proposed Diversion Structure
- Proposed Pipeline
- Proposed Channel
Figure 7-4
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Locations 2, 3, and 11
Problem 4 - Flooding Along Ditch

Problem 21 - Potential Flooding Along Cedar Dr

Figure 7-6
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

Problem Locations 4 and 21
Figure 7-7
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Locations 4 and 21
Proposed Solution
Problem 22 - Potentially Unsafe Inlet

Problem 6 - Inadequate Drainage System Along Glenn Ave

Problem 17 - Undersized Outfall Pipe

Problem 24 - Frequent Ponding

Problem 7 - Gap in Pipe System

Problem 5 - Inadequate Road Drainage Collection System Along Patton Ave
Figure 7-9
City of Citrus Heights Neighborhoods 6 and 7 Drainage Master Plan Study

Problem Locations 5, 6, 7, 17, 22 and 24 Proposed Solution

Legend
- Stream or Channel
- Existing Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
- Proposed Pipeline
- Alternative Pipe Alignment
- Proposed Ditch Replacement
- Proposed Inlet
- Proposed Outfall
- Proposed Manhole

Problem Locations:
5, 6, 7, 17, 22, 24

Proposed Solution:
- Retrofit Grate onto Inlet
- Replace Pipe
- Remove Pipe

City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

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Problem Locations
8, 9, 13, and 26

Problem 8 - Flooding From Overland Flow
Problem 9 - Flooding and Erosion Along Ditch
Problem 13 - Flooding Along Watson Way
Problem 26 - Backyard Ponding
Figure 7-11A
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

Problem Locations
8, 9, and 13

Proposed Solution
Option 1

Construct Diversion Structure to Allow Low Flows to Continue Along Existing Path

LEGEND
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
- Proposed Inlet
- Proposed Outfall
- Proposed Manhole
- Proposed Diversion Structure
- Proposed Pipeline
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

Problem Locations
8, 9, and 13

Proposed Solution
Option 2

Legend
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
- Proposed Inlet
- Proposed Outfall
- Proposed Manhole
- Proposed Diversion Structure
- Proposed Pipeline

Figure 7-11B
Figure 7-11C
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Locations 8, 9, 13, and 26
Proposed Solution Option 3
Problem 10 - Inadequate Drainage Through Yard

Figure 7-12
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Location 10

LEGEND
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
Figure 7-13A

City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study

Problem Location 10
Proposed Solution-Option 1

LEGEND

- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
- Proposed Pipeline

Scale in Feet
Figure 7-13B
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Location 10
Proposed Solution-Option 2

LEGEND
- Stream or Channel
- Existing Drain Pipe
- Existing Inlet
- Existing Outfall
- Existing Manhole
- Elevation Contour (NAV88)
- Proposed Pipeline

Scale in Feet
0 75 150
Problem 12 - Inadequate Drainage Through Side Yard

Figure 7-14
City of Citrus Heights
Neighborhoods 6 and 7
Drainage Master Plan Study
Problem Location 12