2011: Identified Hazards

Crossing Hazards
- Medium
- Low

Erosion Hazards
- High

City Reviews

Developer Revises Models

Prompt for Updated Models:
- ~ 90 Developments in Stewart Creek Watershed since 2008
- Incorporate Pond Data
- New Topography
- Land Use Changes
Compare 2015 to 2011: Identified Hazards
• Overall Reduction in Q (12% at downstream end)
• Changes mostly due to more detail not development
• Overall reduction in area delineations
• Inclusion of detention facilities

Frisco Multi-Use Facilities

2015 Drainage Areas
2011 Drainage Areas
Frisco Criteria above NFIP Requirements

<table>
<thead>
<tr>
<th>Frisco Criteria:</th>
<th>NFIP Regulations:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Rise in 100-YR Ult</td>
<td>No Rise in Floodway</td>
</tr>
<tr>
<td>Velocity Restrictions</td>
<td>No Velocity Restrictions</td>
</tr>
<tr>
<td>FFE 2’ Above 100-YR Ult</td>
<td>FFE above FEMA 100-YR</td>
</tr>
<tr>
<td>Erosion Hazard Setback</td>
<td></td>
</tr>
<tr>
<td>Crossings - 1ft Freeboard</td>
<td></td>
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</tbody>
</table>

Frisco Criteria above NFIP Requirements
Frisco Criteria:  
- Criteria for Smaller Storms
- No FP development allowed w/o Study
- Valley Storage

NFIP Regulations:  
- 100-YR control only
- Some FP development allowed
- No Valley Storage Regulation

Frisco Criteria above NFIP Requirements

Benefits of Models
- City watersheds almost studied completely
- Next Steps

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