Welcome

* Introductions
  * District Team
  * Stakeholders

* Project Purpose
  * Develop a Comprehensive Flood Control Program
  * Develop Drainage Alternatives
  * Provide a Balanced Multi-Objective Approach
Agenda

* Introductions and Opening Comments
* Meeting Purpose
* Project Overview
* Stakeholder Involvement and Input
* Summary and Next Steps
* Adjourn
Stakeholder involvement approach

Inform: Existing Conditions Analysis
- Stakeholder Inform
  - July 2014 - October 2014

Involve: Preliminary Floodplain Delineation/Alternatives
- Stakeholder Involve
  - July 2014 - April 2016

Include: Recommended Alternative
- Stakeholder Include
  - April 2016

Public Meeting
- May 2015
- April 2016
Project Overview

Project Limits
SCOPE OF WORK

- Existing Conditions Analysis
- Hydrologic Analysis and Floodplain Delineation
- Preparation of FEMA Map Revision
- Alternatives Analysis and Remediation Recommendations
- Public and Stakeholder Involvement
Project Overview continued

* Existing Conditions
  * Drainage Complaints
Drainage Complaints
Existing Conditions

- Review Available Studies & Reports
Available Studies and Reports


* April 2011, *I-10 Mainline Reconstruction, Casa Grande-Tucson Highway (I-10) Ruthrauff Road to Prince Road, Final Drainage Report*, AECOM.

Existing Conditions

* Interstate 10 Drainage Structures
Interstate 10 Drainage Structures
Project Overview continued

- Hydrologic Analysis and Floodplain Delineation
Preliminary Flo-2D
FLO-2D Preliminary Map with Topography (50’ grid)
FLO-2D Preliminary Map with Aerial Imagery (15’ grid)
Project Overview continued

FEMA Map Revision
Existing FEMA Floodplains
Project Overview continued

Alternatives Analysis and Remediation Recommendation
Prioritizing the List

1. A: Mitigating Sheet Flooding
   Public Safety

2. B: Removing properties from floodplain
   Economic

3. C: Creating value for residents
   Economic Intangibles

4. D: Creating value for taxpayers
   Economic Enhancements

5. E: Sustainable solutions
   Economic Social Equity Environmental

6. F: Stakeholder buy-in
   Viability
Alternatives analysis process

1. Agree on performance criteria
2. Develop weighting values for performance criteria
3. Develop alternatives without consideration of cost
4. Score the alternatives using performance criteria
5. Add costs to determine scoring with costs
6. Complete a fatal flaw analysis
7. Determine recommended alternative based on final score
Project Overview continued

Schedule
Task 1: Existing Conditions Analysis

Task 2: Hydrologic Analysis and Floodplain Delineation

Task 3: Preparation of FEMA Map Revision

Task 4: Alternatives Analysis and Remediation Recommendations

Task 5: Public Involvement

Task 6: Project Administration

10/6/2014: Existing Conditions Report

4/4/2015

10/9/2015: Flowing Wells Wash LOMR


5/4/2015

4/8/2016

months
Project Overview continued

* **Deliverables**
  * LOMR for Flowing Wells Wash
  * Existing Condition Report
  * Final Report Consisting Of...
    * Alternative Selection Report
    * Implementation Plan
    * Public Outreach Summary Report
Stakeholder Involvement and Input

- Individual Questions/Comments?
- Data that we are missing and you can share?
- Are there other Stakeholders we should contact?
- Other Comments or Ideas?
Summary/Next Steps

* Regular Monthly Progress Meetings at RFCD
* Fall Workgroup Meeting
* Continued Stakeholder Coordination
* Deliverable Production
Adjourn

Thank You!