Town of Jamestown
Stream Corridor Master Plan
Community Meeting #5

January 14, 2014
Here is the agenda for tonight’s presentation

• Review process we’ve gone through to date for the Stream Corridor Master Plan (SCMP)
• Adaptive Analysis of Regulatory Requirements and Stream Dynamics
• January 21st deliverable
• How deliverable fits into larger process
• Next steps (EWP Initiative)
• Q & A
Here is a review of the SCMP process

**Conceptual**
- Private Property Owner Input
  - Interviews/Survey
  - Field Visits
  - Follow Ups
- Analysis of Stream Alignment
  - Post-Flood
  - Post-EPA Current
- Data Collection
  - Flood History
  - GIS and LiDAR Analysis
  - Field Surveying
- Computer Modeling
  - Updated Flood Extent
  - Required by FEMA
  - Basis for FIRM
  - Science & Engineering

**Technical**
- Deliverables
  - Stream Corridor Master Plan (SCMP)

**Implementation**
- EWP Initiative
- Design
  - Guided by Computer Modeling
- Construction

**Timeline**
- Oct-Nov
- Dec-Jan
- Feb-Mar
Evolution of the James Creek Cross Section

- Sept: Pre-Flood
- Oct-Dec: Post-Flood
- Dec-Jan: Post-EPA
- Feb-Mar: SCMP
- Design and Construction
- LOMR

Pre-Flood
Evolution of the James Creek Cross Section

- **Sept**: Pre-Flood
- **Oct-Dec**: Post-Flood
- **Dec-Jan**: Post-EPA
- **Feb-Mar**: SCMP
- **Design and Construction**
- **LOMR**

**Post-Flood**
Evolution of the James Creek Cross Section

- **Sept**: Pre-Flood
- **Oct-Dec**: Post-Flood
- **Dec-Jan**: Post-EPA
- **Feb-Mar**: SCMP
- **Design and Construction**: Design and Construction
- **LOMR**: LOMR

*Post-EPA*
Evolution of the James Creek Cross Section

- **Sept**
  - Pre-Flood
- **Oct-Dec**
  - Post-Flood
  - Post-EPA
- **Dec-Jan**
  - SCMP
- **Feb-Mar**
  - Design and Construction
  - LOMR

SCMP
Evolution of the James Creek Cross Section
What will be delivered on January 21st?

- *Post-Flood Base Elevations Technical Memorandum* reflecting current conditions
  - Allows building moratorium to be lifted
  - Building location based on most restrictive elevation post-flood or effective FIRM
Evolution of the James Creek Cross Section

- **Sept**: Pre-Flood
- **Oct-Dec**: Post-Flood
- **Dec-Jan**: Post-EPA
- **Feb-Mar**: SCMP

- **LIDAR collected**
- **Modeling**
- **Stream Channel Design**
- **Construction**

- **Moratorium Lifted**
- **Final Town Flood Regulations**

**Timeline**:
- Sept: Pre-Flood
- Oct-Dec: Post-Flood
- Dec-Jan: Post-EPA
- Feb-Mar: SCMP

- Design and Construction
- LOMR
Now working towards a LOMR (Letter of Map Revision)
- Critical step in FEMA process to reflect post-flood conditions
- Basis for rebuilding and insurance rates

CLOMRs may still have to be done for specific projects that could raise the flood plain
- Upper Ward Street?
- Other private property?
- Main St. Bridge?

The ultimate end result will be a new FIRM
Where are we in the regulatory process?

- Jan
- Feb-Apr
- Uncertain Timeline

WE ARE HERE

Stream Corridor Master Plan

- EWP
  - Design
  - Construction
- Final LOMR Submittal
  - Resurvey
- Individual Projects
  - Upper Ward St
  - Other Private Property?
  - Bridges?
  - CLOMRs necessary?
- Final LOMR Approved
  - Basis for Flood Insurance
- Updated FIRM Issued
What happens next?

- **January**: EWP Contract Award
- **February**: Environmental Assessment, Stream Stabilization Design
- **March**: Construction of EWP
- **April 1st**: Final Resurvey, Flood Analysis and LOMR Submittal

Roads and Distribution System Work in Parallel (AECOM)

Lots of activity
Questions?