

**Little Bear Brook
Flood Hazard Assessment
and
Redevelopment Area Regional
Stormwater Management Analysis**

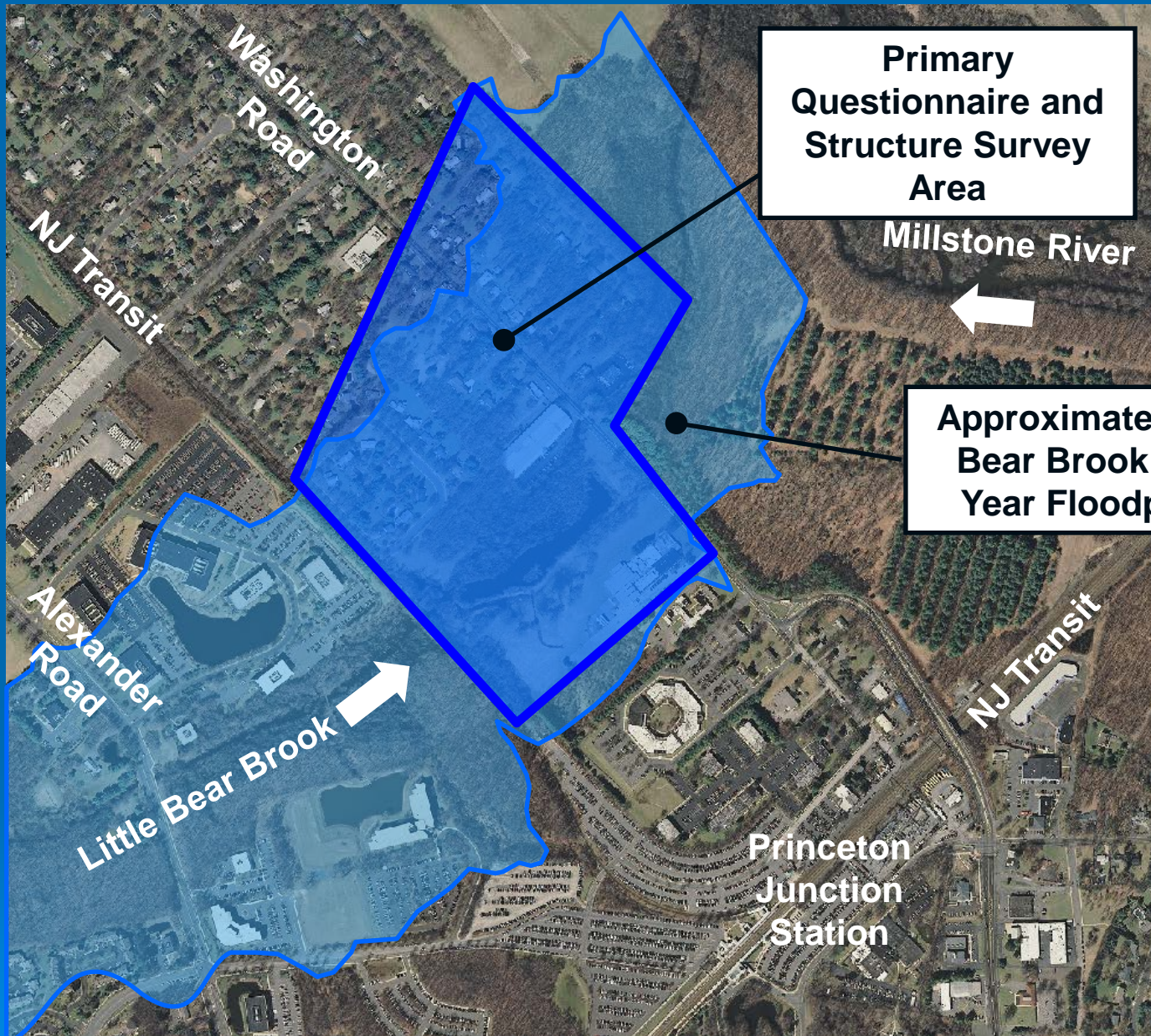
**West Windsor Township Council Meeting
September 16, 2013**

Project Team

- **West Windsor Township**
 - M. Patricia Ward, Community Development Director
 - Francis Guzik, PE – Township Engineer
- **Princeton Hydro, LLC**
 - Geoffrey M. Goll, PE – Principal
 - Mary Paist-Goldman, PE – Project Manager
- **Storm Water Management Consulting, LLC**
 - Joseph J. Skupien, PE, PP – Principal

Project Goals & Scope of Work

- Goal 1: Little Bear Brook Flood Hazard Assessment
 - Public Meetings and Outreach
 - Compile and Review Existing Data
 - Flood Hazard Assessment
 - Analysis of Flood Mitigation Strategies
 - Action Plan
 - Final Report and Presentation



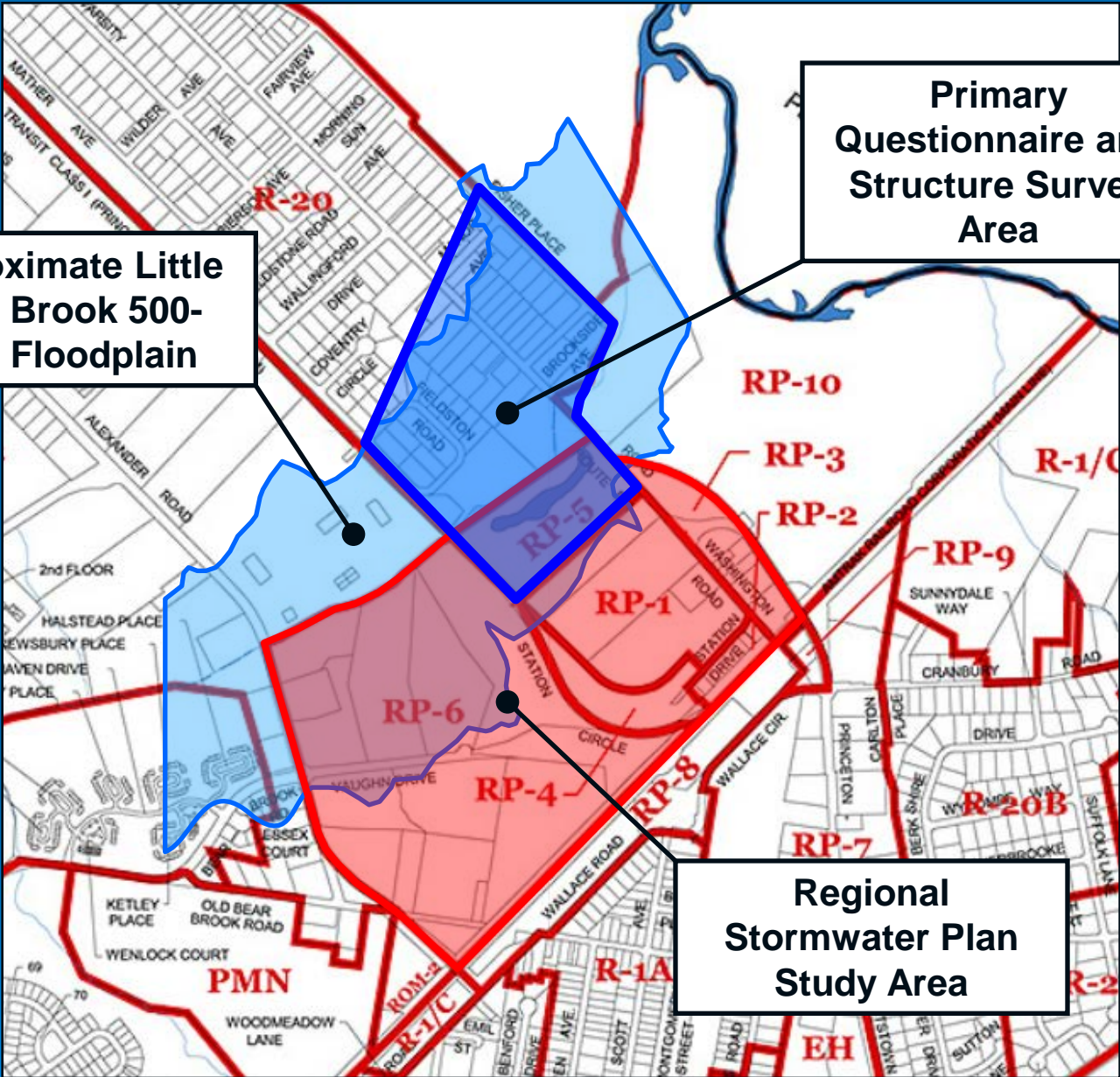
Project Goals & Scope of Work

- Goal 2: Redevelopment Area Regional Stormwater Management Plan
 - Public Meetings
 - Aerial Topographic Mapping
 - Maps and Overlays
 - Regional Stormwater Analysis
 - Conceptual Basin Locations and Designs
 - Potential Little Bear Brook Flood Relief
 - Final Report and Presentation

Approximate Little Bear Brook 500-Year Floodplain

Primary Questionnaire and Structure Survey Area

Regional Stormwater Plan Study Area



Next Project Steps

- **Compile and Review Existing Data**
- **Prepare Topographic Maps of Both Study Areas**
- **Prepare and Distribute Little Bear Brook Flood Questionnaire**
- **Perform Little Bear Brook Structure Elevation Surveys**

Next Township Meeting

- **Present Existing Flood Hazard Risk in Little Bear Brook Study Area**
 - Existing Flood Risk or Probability
 - Contributing Factors and Conditions
- **Begin Selection of Alternative Flood Mitigation Measures for Analysis**
 - Flood Mitigation Effectiveness
 - Physical, Fiscal, and Regulatory Feasibility

Princeton Hydro, LLC
1108 Old York Road
P.O. Box 720
Ringoes, New Jersey 08551
908-237-5660
princetonhydro.com

Storm Water Management Consulting, LLC
1108 Old York Road
P.O. Box 727
Ringoes, New Jersey 08551
908-806-7700
swmconsulting.com