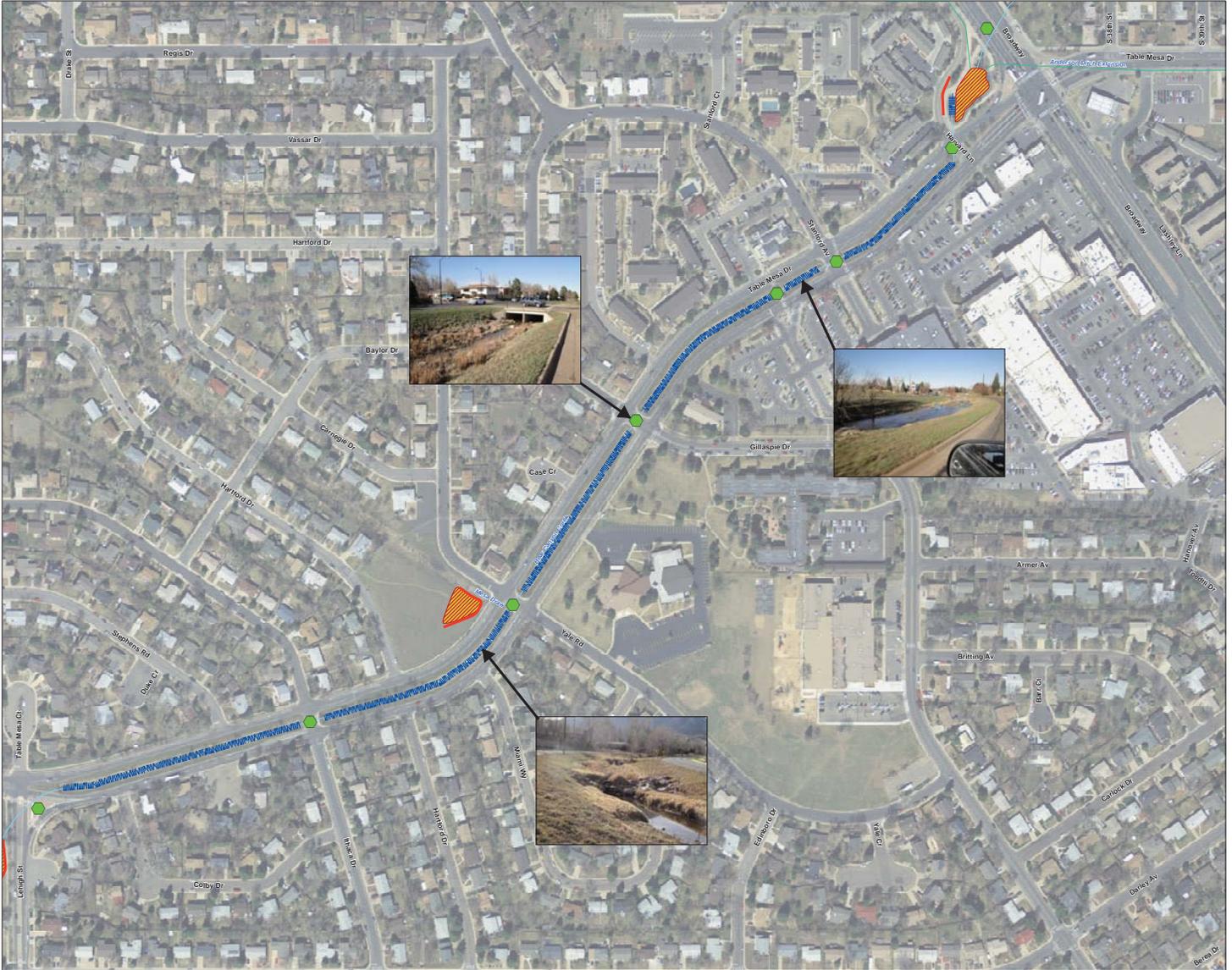


Bear Canyon Creek - Reach 2

Possible Mitigation Measures with Existing Condition Photographs



Legend and Description of Mitigation Measures

-  City Limits
-  Creek
-  Ditch
-  Spill Control
-  **Debris Management Areas**
 - Selectively regrade to receive debris during flood events
 - Selectively regrade to provide channel capacity
 - Locate regarding upstream
 - Clear existing sediment and debris from channel
 - Place berms as necessary to provide spill control
 - Provide maintenance access
 - Restore stable channel gradient
-  **Floodplain Connection and Storage Areas**
 - Remove invasive species
 - Selectively regrade area to provide flood storage
 - Reconnect floodplain to improve channel stability
 - Revegetate with diverse, native species
 - Restore riparian ecosystem
-  **Channel Stabilization Assessment Areas**
 - Restore stable channel gradient
 - Provide capacity for flood events
 - Restore aquatic ecosystem
-  **Crossing Capacity Improvement Area**
 - Possible culvert enlargement
 - Improved inlet and outlet conditions by removing existing sediment and debris
- Lehigh and Table Mesa**
 - Improve culvert capacity
- Table Mesa and Broadway**
 - Crossing capacity improvements with underpass (see concept)

Table Mesa and Broadway Intersection Underpass Concept



Table Mesa Road Improvements Conceptual Rendering



Table Mesa Road Improvements Conceptual Cross Section

