Blum Park Area Renovations Community Meeting

Hanes Hosiery Recreation Center
June 16, 2016
Presentation Outline

- Location overview
- Why is the project needed?
- Existing Park Layout
- Proposed Improvements
- Post construction results
- Wetland Safety
- Maintenance and Vector Control
- Questions
Blum Park Vicinity Map
Blum Park Wetland Project

Why is this project needed?

- To improve water quality
- To help alleviate flooding
- To enhance park aesthetics
- To address under-utilized park areas and facilities
- To create educational opportunities for the citizenry
- To enhance connectivity within the park
Existing Park Layout
Existing Drainage Deficiencies

03/31/2014

03/31/2014

03/31/2014

03/31/2014
Existing Shelter
Blum Park ~ Proposed Improvements
Post Construction

- Pretreatment vaults were designed to trap sediment, particulates and floatables.
- Hatches were installed for maintenance by City crews.
- Stone facing makes the structures aesthetically pleasing.
- A forebay was installed to trap additional sediment and particulates.
Post Construction

- Shelter was relocated to an elevated position overlooking the wetland.
- Walkways were created for increased park connectivity.
- Surface drainage from parking areas were routed directly into the wetland.
Post Construction

- Various trees, shrubs and aquatic plants were installed
- Plants provide nutrient uptake and filter pollutants
- Various species and colors enhance the appearance of the wetland
Wetland Safety

- Fencing was installed around the perimeter of the wetland
- Railing was installed in raised area locations
- Gates were installed at access locations
- Knee walls were installed at observation points
Maintenance and Vector Control

- Routine cleaning of the pretreatment vaults to remove floatables and debris
- Inspect forebay for removal of sediment
- Inspect vegetation for invasive species or native plant die off
- Inspect outlet structure for any obstructions or issues
Maintenance and Vector Control

- Wetlands have natural defenses against mosquitoes (i.e. moving water, Gambusha and Dragon fly’s)
- Working with Health Department mosquito expert to dip the wetland and treat if needed
- Ongoing inspections will occur during the mosquito breeding season.

Source: Orkin.org
Maintenance and Vector Control

- Goose fencing was installed at the time of wetland planting
- Researchers have informed us that as plantings mature, geese will not inhabit the wetland for fear of predators
- Routine inspection for geese will be conducted
Overall Project Budget

- Drainage Improvements- 1.9 million
- Sanitary Sewer Improvements- 2.4 million
- Water System Improvements- 1.2 million
- Blum Park Improvements- 1 million
- Total project costs- 6.5 million
Acknowledgments

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- Lowder Construction Inc.

Note: this presentation will be posted to:
http://www.cityofws.org/Departments/Stormwater-Erosion-Control