BICYCLE AND PEDESTRIAN IMPROVEMENTS ALONG
DOBBIN ROAD / MC Gaw ROAD

JANUARY 2015
Bicycle and Pedestrian Improvements along Dobbin Road / McGaw Road

Site Location

- Oakland Mills Road to McGaw Road
- 500 feet along McGaw Road
Introduction

• Data Collection
  o Howard County GIS
  o Field visits / observations
  o Utilities based on markings provided by Miss Utility
  o Right-of-way mosaic based on Howard County property information
Preliminary Design Criteria

• Pedestrian and bicycle improvements were developed using:
  – The Howard County Design Manual: Volume III

• All improvements are in compliance with the Americans with Disabilities Act (ADA, 2010)
Project Development

• Concept Development
• Environmental Concept Plan
• Preliminary Stormwater Management Report
• 30% Concept Design Plans
30% Concept Design Plans
**Bicycle and Pedestrian Improvements along Dobbin Road / McGaw Road**

**Typical Section**

**Dobbin Road - Existing**
Looking Southwest

**Dobbin Road - Proposed**
Looking Southwest

* No shoulder at intersections due to pavement markings
30% Concept Design Plans
30% Concept Design Plans
Typical Section

**McGaw Road - Existing**
Looking North

**Proposed 80' Right-of-Way**

**McGaw Road - Proposed**
Looking North
30% Concept Design Plans

LEGEND
- EXISTING 4’ SIDEWALK/TRAIL
- ADA - COMPLIANT RAMP
- PROPOSED PATH/SIDEWALK
- TREE IDENTIFIED IN FIELD
- POTENTIAL TREE IMPACT

MCGAW ROAD

STANFORD BLVD

MATCH DRAWING SEE SHEET 6 OF 7
Next Steps

- Address community input
- Final Design (date TBD)
- Construction (date TBD)
  - Planning level construction cost estimate for future installed improvements: $1.4 - $1.7 million
    - No traffic or pedestrian signal modifications included
    - No additional utility relocation or lighting included
    - No right-of-way included
Potential Tree Impact Mitigation

- Air Spade
  - A handheld soil excavation tool connected to a large air-compressor
  - The high pressure stream of air is funneled through a small nozzle breaking dense soils apart into small particles
  - By using air to excavate soil, delicate and critical roots, underground pipes, and hard surfaces are not damaged
Potential Tree Impact Mitigation