

90% design

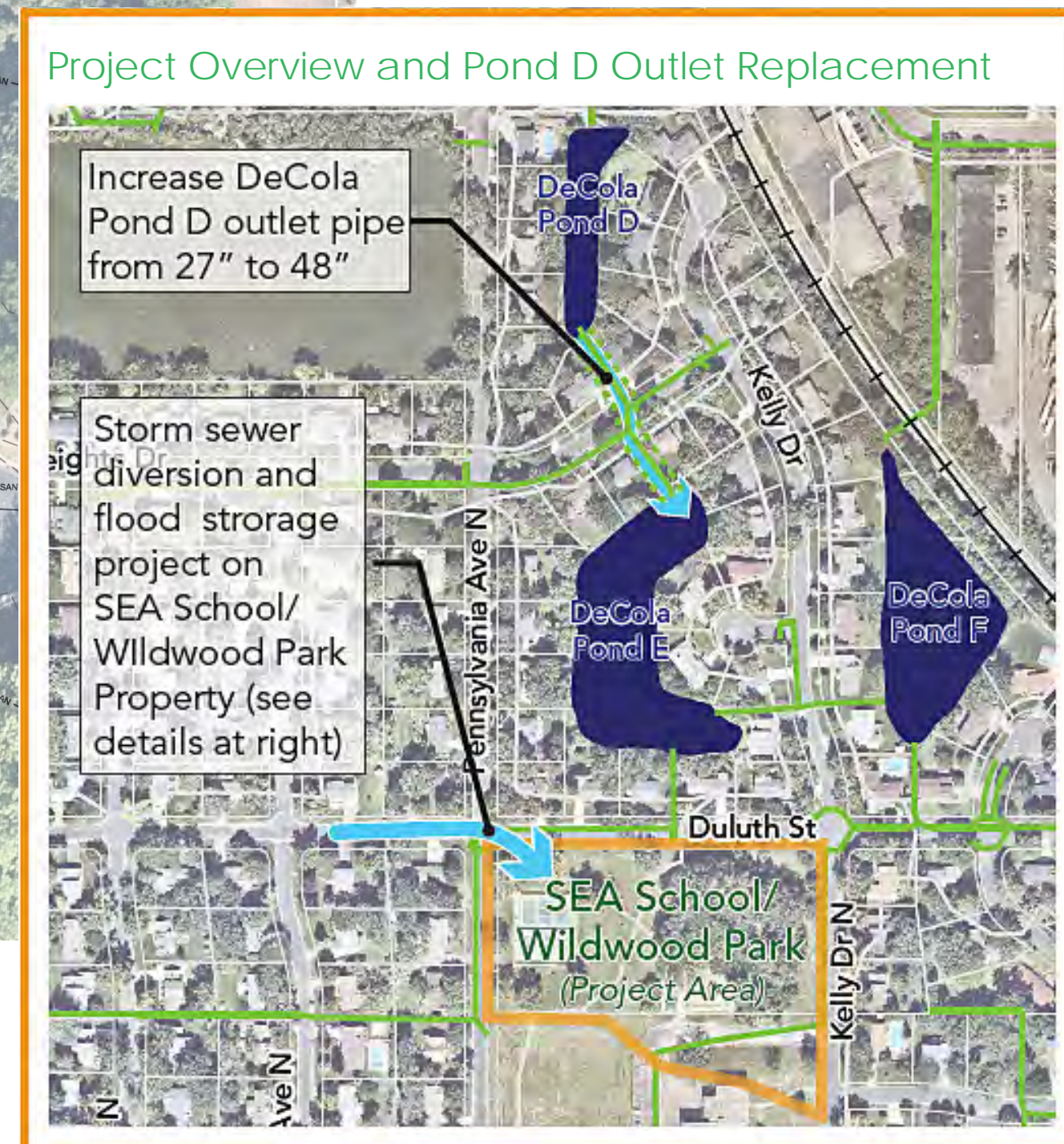
Total project cost (-10%/+15%) = \$3.1 million (estimated construction cost = \$2.6 million)



SEA School & Wildwood Park Flood Mitigation Project 90% Design Plan

LEGEND

- Preserved Woodland
 - Existing Footpath
 - Natural Surface Path
 - Proposed Paved Trails
 - Proposed Concrete Pad
- Proposed Vegetation**
- Perennial Plantings
 - Wet Meadow Seeding + Planting
 - Prairie Seeding + Planting
 - Turf Seeding
 - Tree Planting
 - Screening Planting



Design summary

- Additional flood storage created:**
8.5 acre-feet
- Improved water quality:**
Additional 3.9 lbs/yr phosphorus removed
- Restored wetland and prairie habitat:**
2.1 acres total
- Restored turf area:**
1.2 acres total
- Tree replacement:**
49 significant trees removed
87 trees replanted
(meets replacement goal of 1:1)

Reduction of flood level on ponds:

DeCola	10-Yr	100-Yr
D	- 0.4'	- 3.0'
E,F	- 0.7'	- 0.1'

At-risk flooded structures (existing/proposed):

DeCola	10-Yr	100-Yr
D	0/0	10/0
E,F	9/7	19/19