

GREENWAYS / TRAILS

Megan Bush
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Our mission is to create a trail system that provides educational and recreational opportunities while supporting ecosystem management.



STAKEHOLDER CRITIQUES

Parent Concern:

Are there any safety issues with the trail going throughout the neighborhood?

Lighting, Signage warning for dangerous species, and emergency phone stations are included

Trail User Concern:

What habitat benefits will we be seeing here?
Will there be any new species

We have vegetation that attracts a variety of existing and native species (butterflies, bees, hummingbirds, etc.)

City Planner Concern:

Is there a place we could hold events?

There are some areas for open play that are easily accessible from the streets that could be used for event space.

WILDLIFE EDUCATION

- 0.83 Mile Long Decomposed Granite Trail
- Bird Themed Play Area
- Interactive Educational Signs



FITNESS / HEALTH

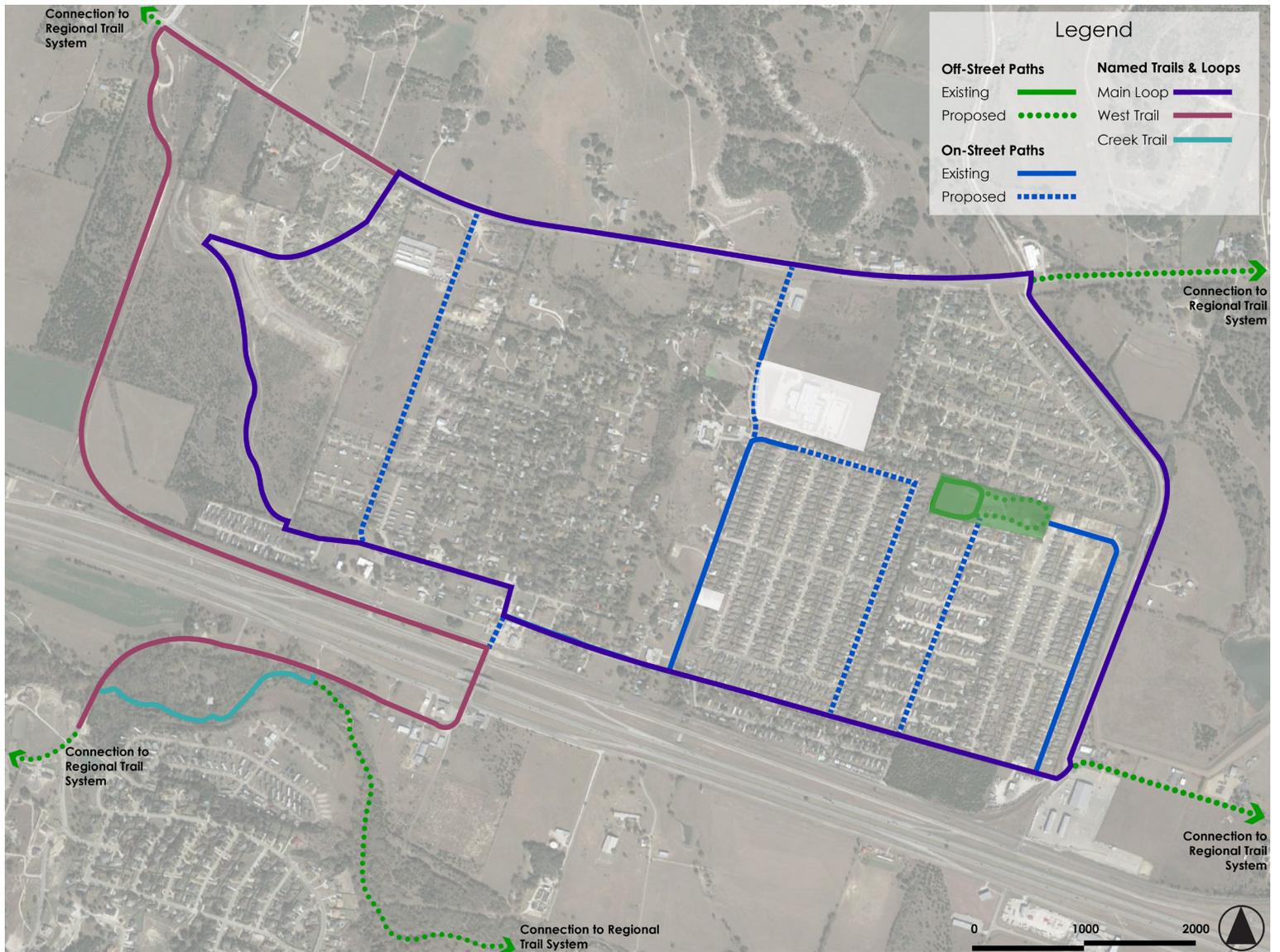
- 0.68 Mile Long Decomposed Granite Trail
- 0.40 Mile Long Dirt Trail
- 6 Workout Stations (0.10 Mile Apart on DG Trail)
- 6 - Hole Disk Golf Course



LID / EDUCATION

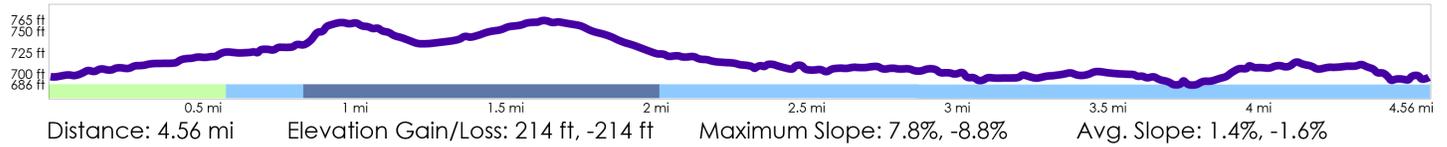
- 1.25 Mile Long Decomposed Granite Trail
- Bioswale
- Retention Pond



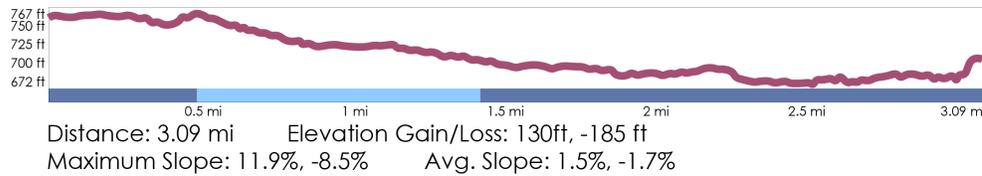


Trail Info

Main Loop



West Trail



Creek Trail



- Category I**
Off-road trail with a maximum slope of 5%
- Category II**
Off-road trail with a slope greater than 5%
- Category III**
Sidewalk/trail on or near low-traffic road with a maximum slope of 5%
- Category IIII**
Sidewalk/trail on or near high-traffic road or with a slope exceeding 5%

WILDLIFE EDUCATION

Mandy Nash

EDUCATIONAL SIGN EXAMPLES



Flip-Up Panels



Sound Buttons



Spinning Blocks



Realistic Nests



Golden-cheeked Warbler

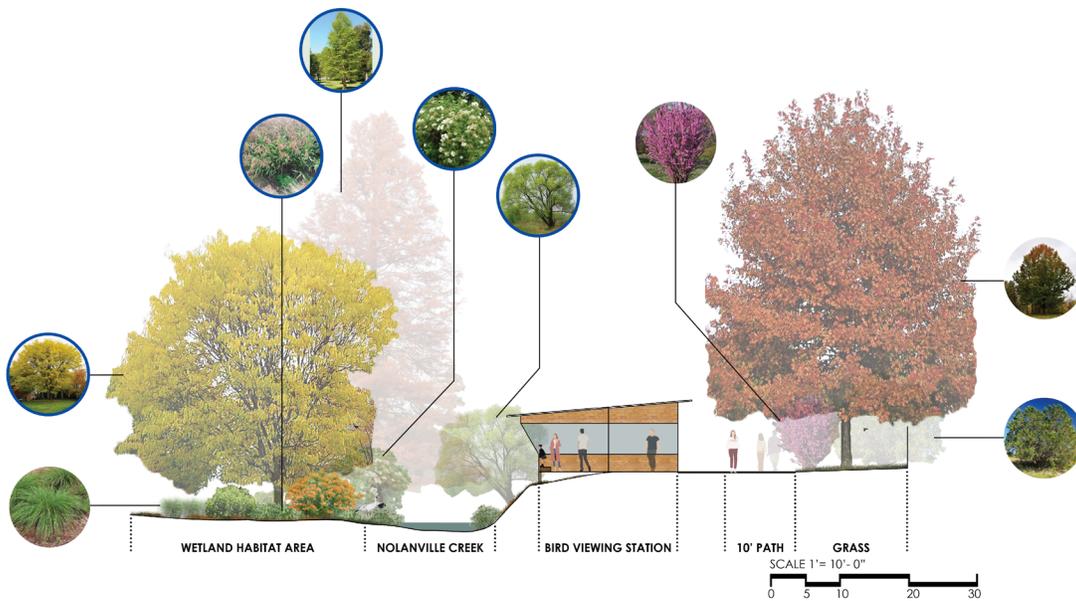


Black-capped Vireo



Whooping Crane

WETLAND VIEWING STATION



BIRD THEMED PLAY AREA





Ashe Juniper
Juniperus ashei



Bald Cypress
Taxodium distichum



Shumard Oak
Quercus shumardii



Elderberry
Sambuca nigra spp. *canadensis*



Black Willow
Salix nigra



Turk's Cap
Malvaviscus arboreus var. *drummondii*

SCALE 1" = 200' - 0"
0 50 100 200 300



FITNESS / HEALTH

Megan Bush

EXERCISE STATION 1



STATION 6
Horizontal Ladder



STATION 5
Plyometric Steps



STATION 4
2-Person Vertical Press



STATION 3
Incline Sit-Up Bench



STATION 2
4-Person Lower Body

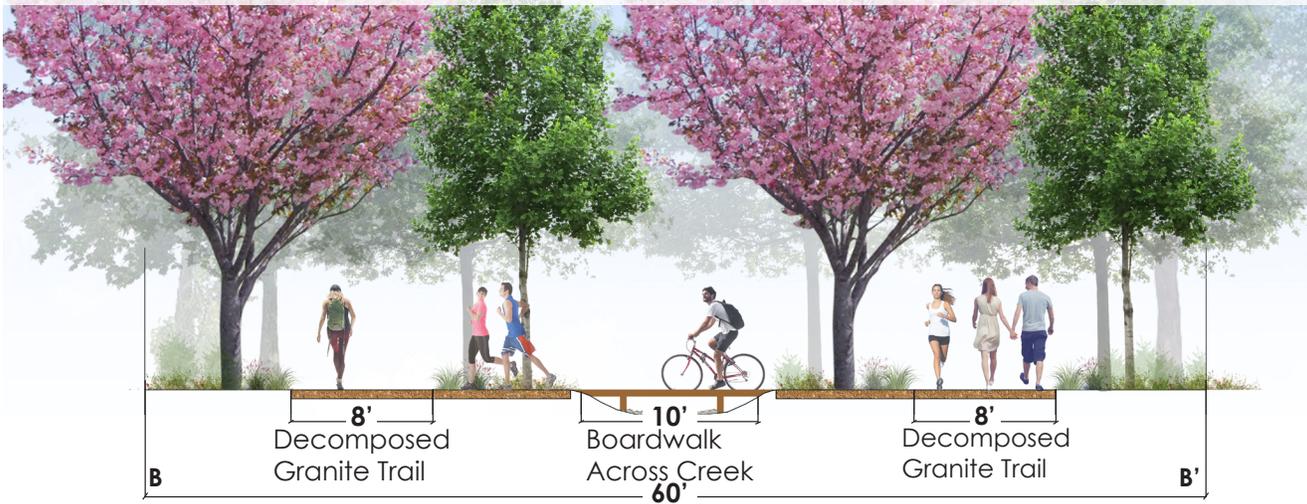


STATION 1
4-Person Combo Bars

REST AREA / NATIVE VEGETATION



BOARDWALK ACROSS CREEK





• STATION 6
• NATIVE VEGETATION



• STATION 5
• NATIVE VEGETATION



• BIOSWALE
• BOARDWALK
ACROSS CREEK



5' DIRT TRAIL



8' DECOMPOSED GRANITE
TRAIL



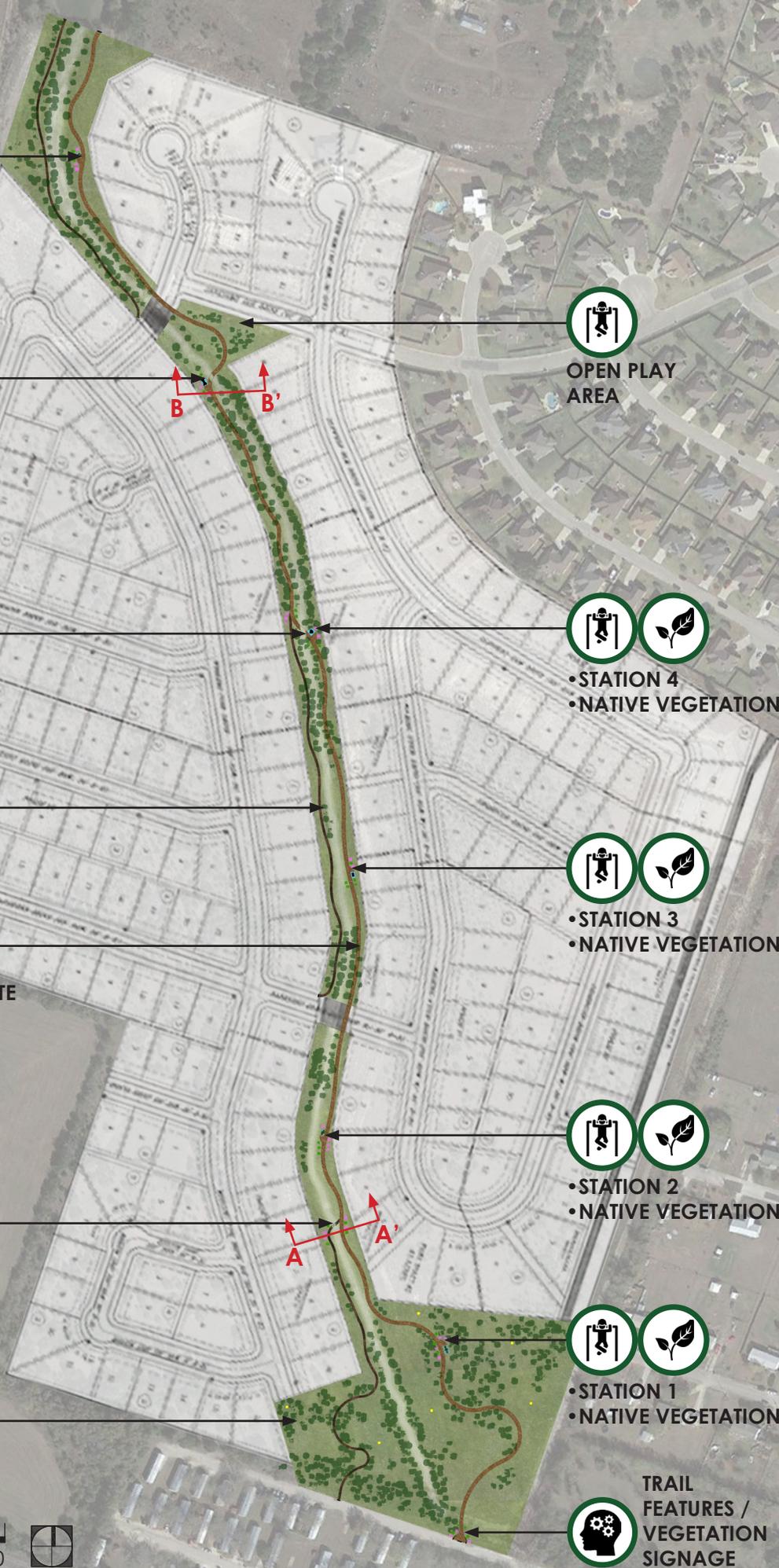
• BIOSWALE
• STEPPING STONES
ACROSS CREEK



6- HOLE DISC GOLF
COURSE



0 50 100 200 500



OPEN PLAY
AREA



• STATION 4
• NATIVE VEGETATION



• STATION 3
• NATIVE VEGETATION



• STATION 2
• NATIVE VEGETATION



• STATION 1
• NATIVE VEGETATION



TRAIL
FEATURES /
VEGETATION
SIGNAGE



Eastern Redbud
-Rosy pink flowers
-heart shaped leaves



Sycamore
-Gray, greenish-white, brown flaky bark



Big Muhly
-Drought tolerant
-Silver/gray bloom color



SideOats Grama
-Erosion control
-Bluish-green color, purplish cast in the Spring



Columbine Wildflowers
-Variety of color
-Attracts hummingbirds

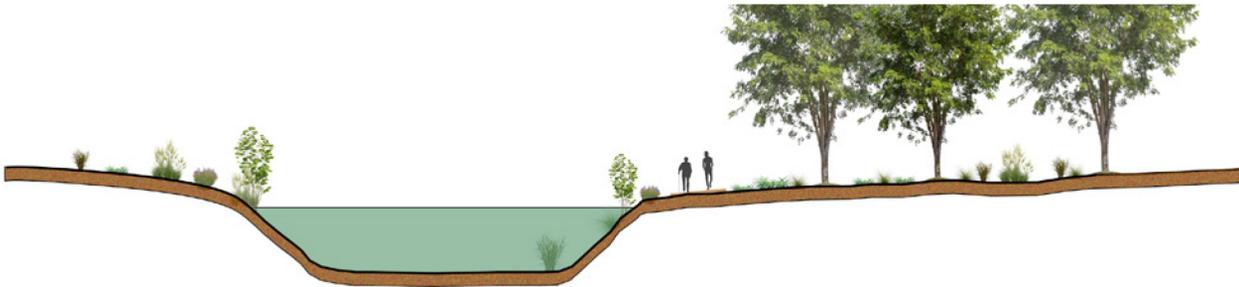
LOW IMPACT DESIGN

Matthew Larkam

RETENTION POND AND TRAIL



RETENTION POND AND TRAIL



RETENTION POND AND TRAIL



Climate Info

- Our site is located in Central Texas, at the northern portion of the Hill Country
- This region is known for seasonal rainfall which tends to be concentrated at the end and beginning of the generally dry summer season
- Our design is intended to capture this heavy seasonal rainfall and provide adequate storage for the rainwater until it can be slowly released offsite

Low Impact Design Info

- Wetland for stormwater capture and purification
- Bioswale style creek to collect, clean and channel the stormwater from the new development into the Retention pond at the south of the site
- Retention pond to hold and gradually release the water off site into the natural drainage flow
- The Retention pond provides year around water for aesthetics, recreation, and wild-life habitat

RETENTION POND AND TRAIL



- WETLAND
- NATIVE VEGETATION



- BIOSWALE CREEK
- EDUCATIONAL SIGN



- WOODEN BRIDGE
- EDUCATIONAL SIGN



- 8' WIDE DG TRAIL
- NATIVE PLANT INFO SIGNS



- RETENTION POND
- TRAILS
- NATIVE VEGETATION

SYCAMORE



CRUSHED GRANITE TRAIL



INLAND SEA OATS



BENCH



BUTTONBUSH



NATURALISTIC CREEK



BALD CYPRESS



BIOSWALE



RETENTION POND

