

CITY OF CASTLE PINES | AUGUST 19, 2020

■ FINAL TRAILS MASTER PLAN

trail planning around the community



Trails Inventory Recap



Paved Walks (5'-12')



Pedestrian Safety Crosswalk



Crusher Fine Natural Trail



Softscape 'Desire' Lines



Bike Lane / Shoulder

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Missing Trail Connections



Single Track Bike Trail

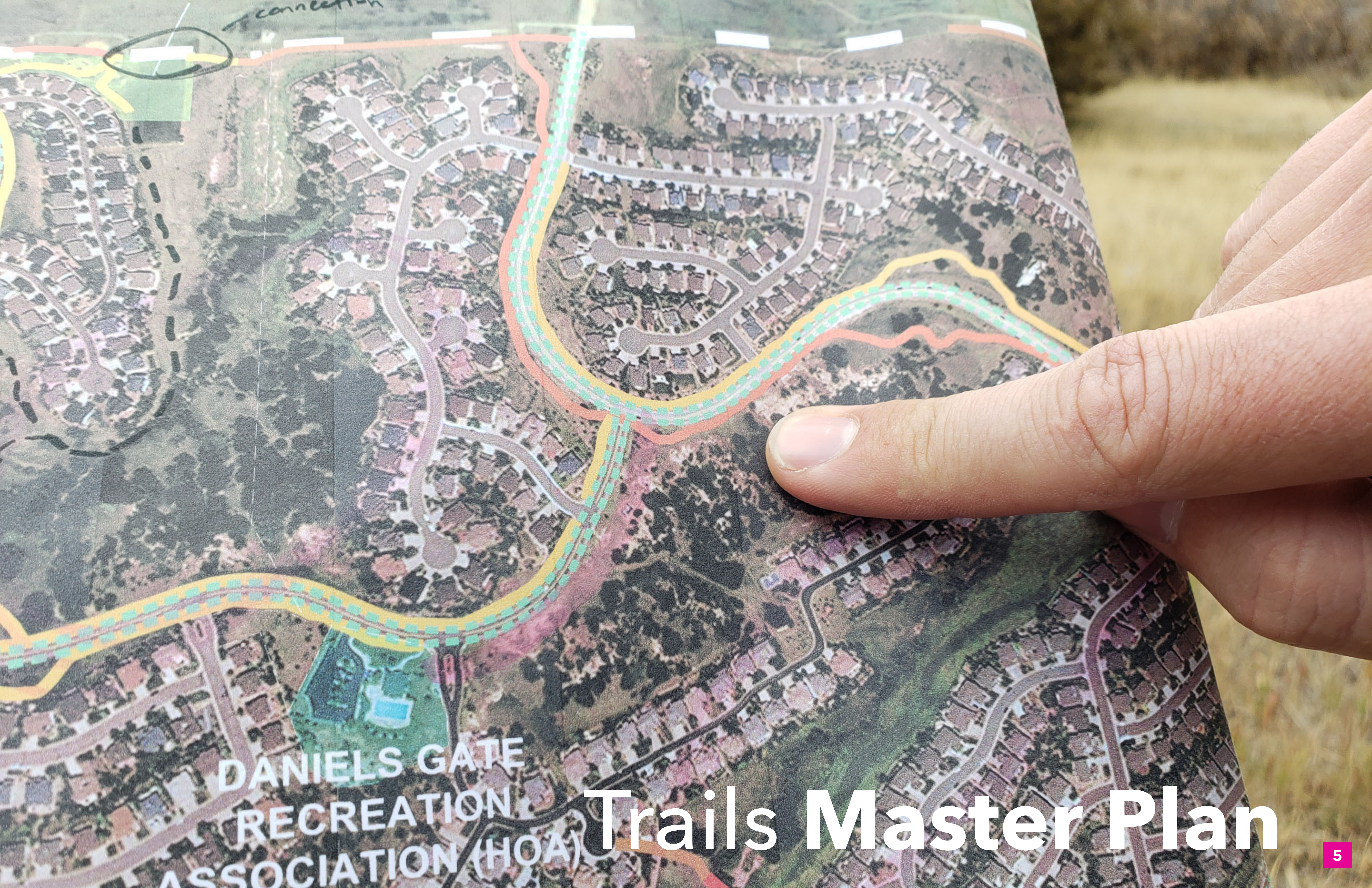


Community Overlook



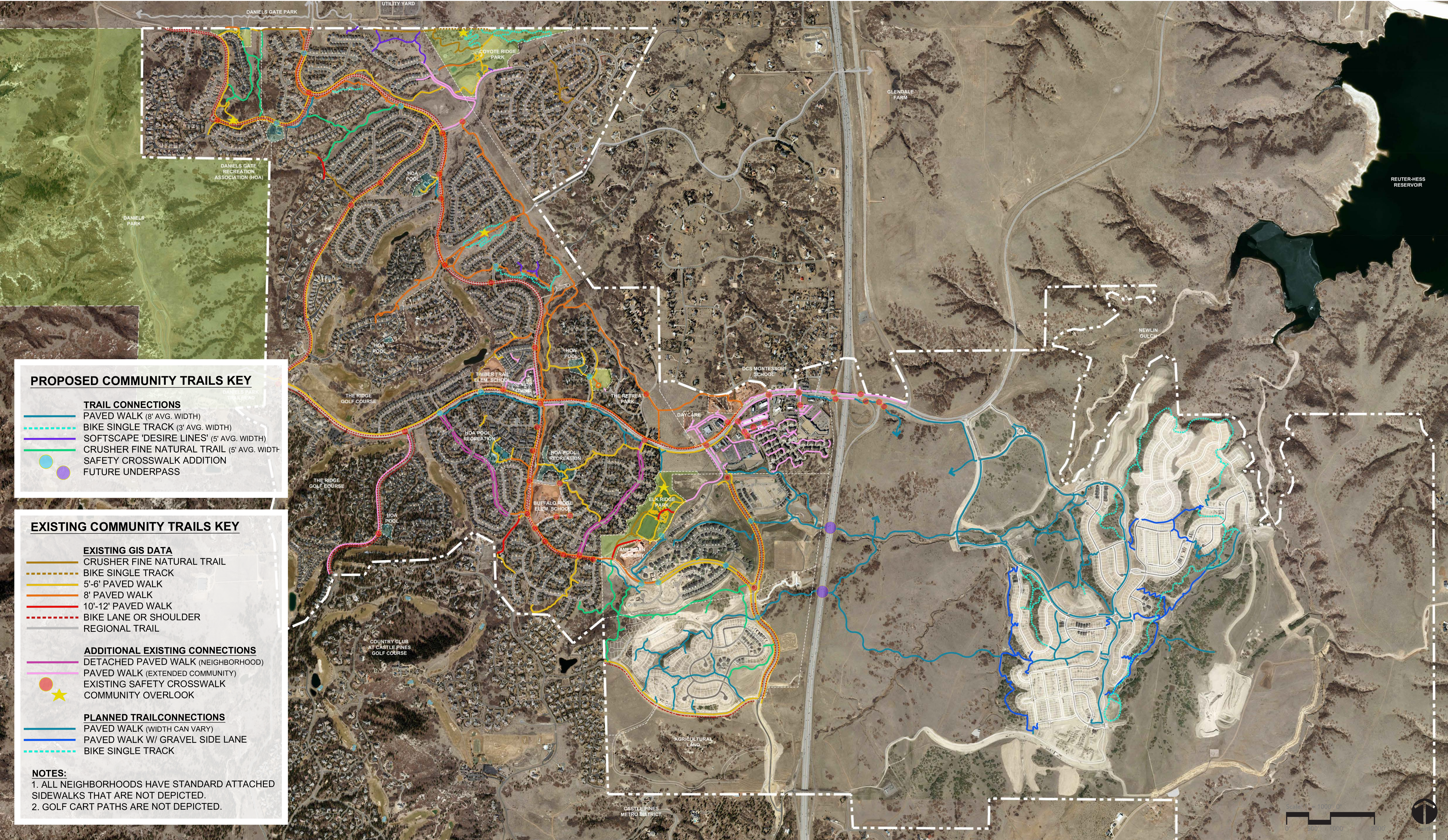
Natural Trail Opportunities at Overlooks

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DANIELS GATE
RECREATION
ASSOCIATION (HOA)

Trails Master Plan



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PROPOSED COMMUNITY TRAILS KEY

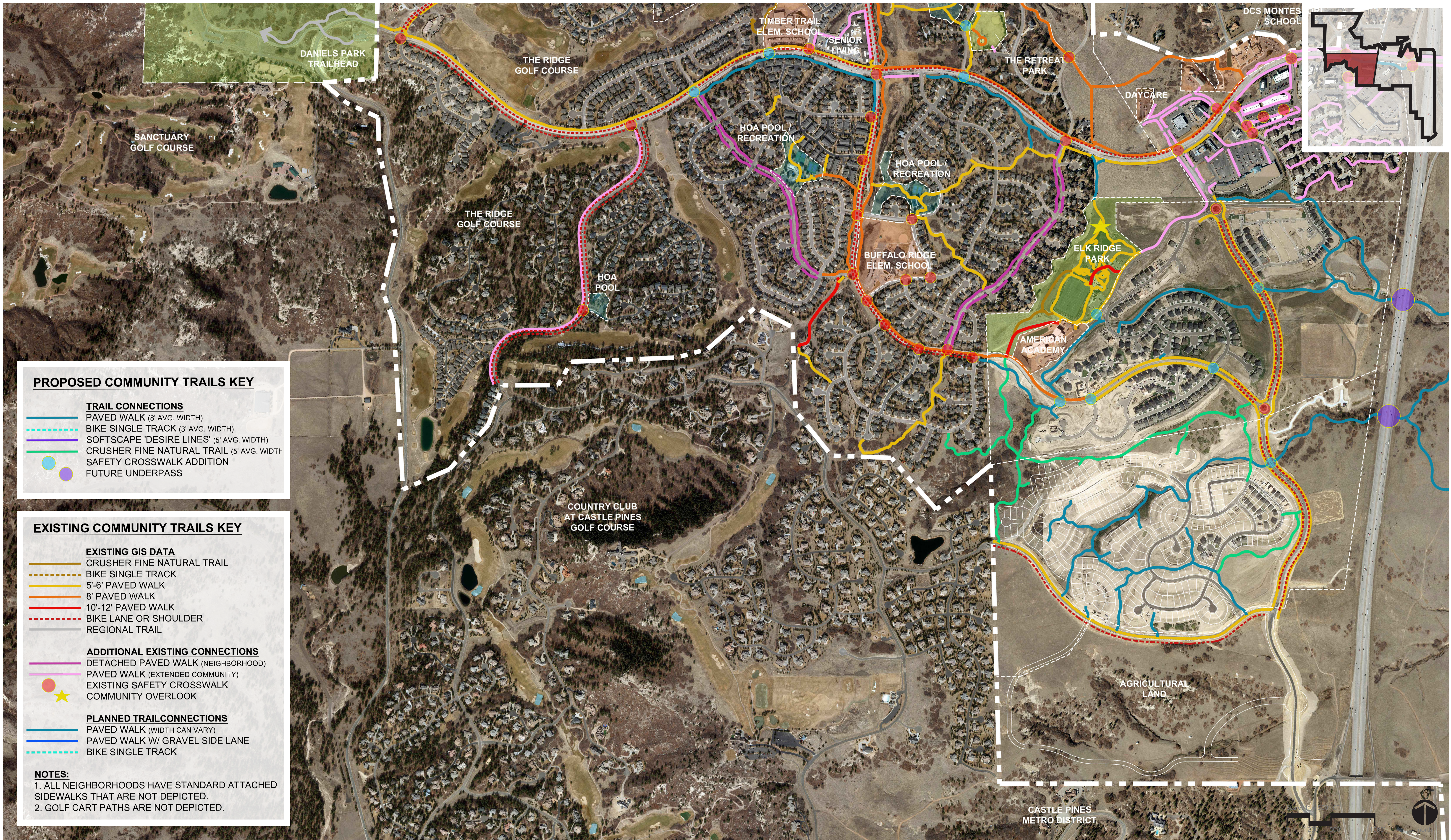
- TRAIL CONNECTIONS**
- PAVED WALK (8' AVG. WIDTH)
 - BIKE SINGLE TRACK (3' AVG. WIDTH)
 - SOFTSCAPE 'DESIRE LINES' (5' AVG. WIDTH)
 - CRUSHER FINE NATURAL TRAIL (5' AVG. WIDTH)
 - SAFETY CROSSWALK ADDITION
 - FUTURE UNDERPASS

EXISTING COMMUNITY TRAILS KEY

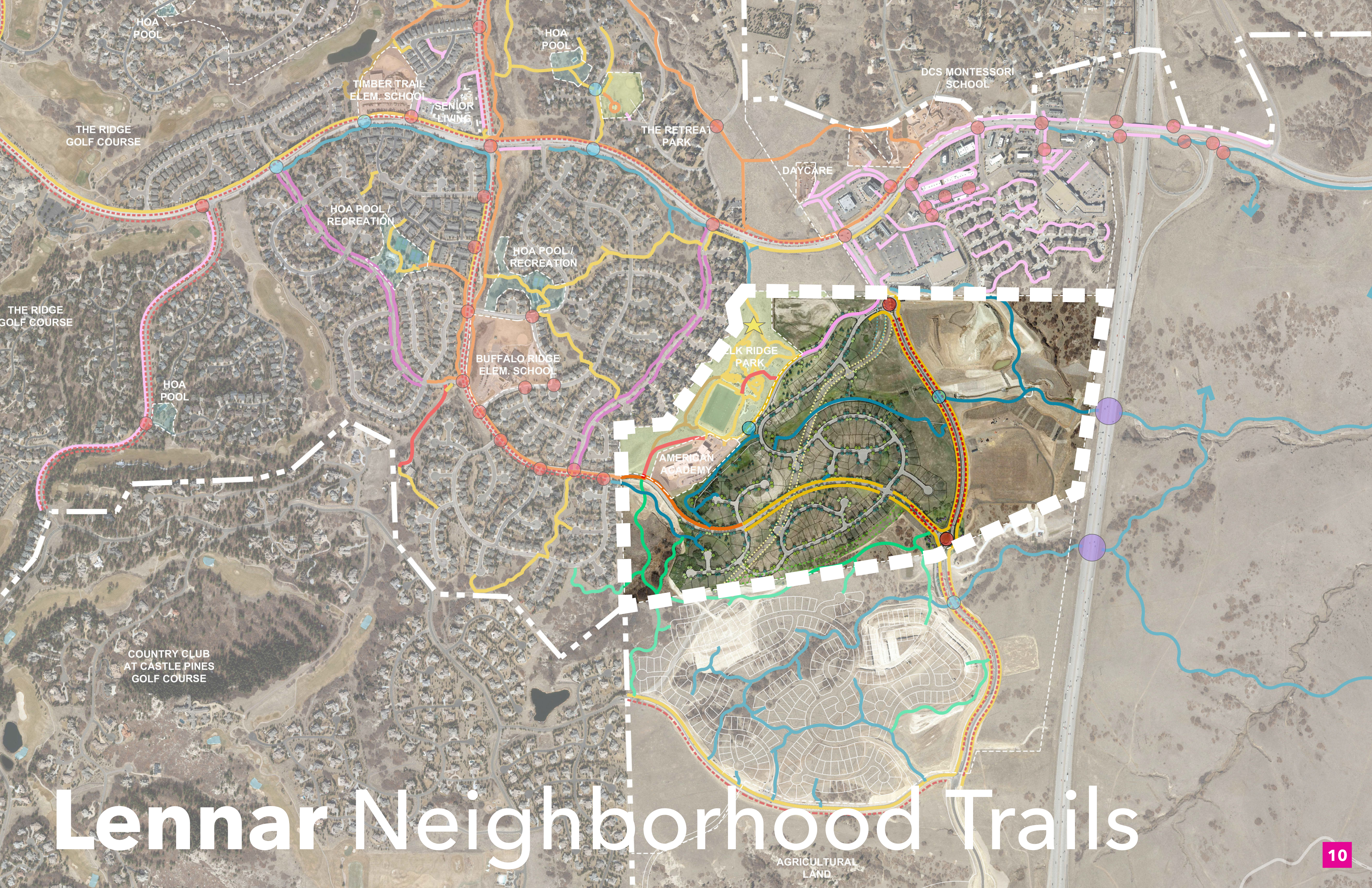
- EXISTING GIS DATA**
- CRUSHER FINE NATURAL TRAIL
 - BIKE SINGLE TRACK
 - 5'-6' PAVED WALK
 - 8' PAVED WALK
 - 10'-12' PAVED WALK
 - BIKE LANE OR SHOULDER
 - REGIONAL TRAIL
- ADDITIONAL EXISTING CONNECTIONS**
- DETACHED PAVED WALK (NEIGHBORHOOD)
 - PAVED WALK (EXTENDED COMMUNITY)
 - EXISTING SAFETY CROSSWALK
 - COMMUNITY OVERLOOK
- PLANNED TRAIL CONNECTIONS**
- PAVED WALK (WIDTH CAN VARY)
 - PAVED WALK W/ GRAVEL SIDE LANE
 - BIKE SINGLE TRACK

- NOTES:**
1. ALL NEIGHBORHOODS HAVE STANDARD ATTACHED SIDEWALKS THAT ARE NOT DEPICTED.
 2. GOLF CART PATHS ARE NOT DEPICTED.

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Lennar Neighborhood Trails



West Drainage Corridor



West Drainage Slope

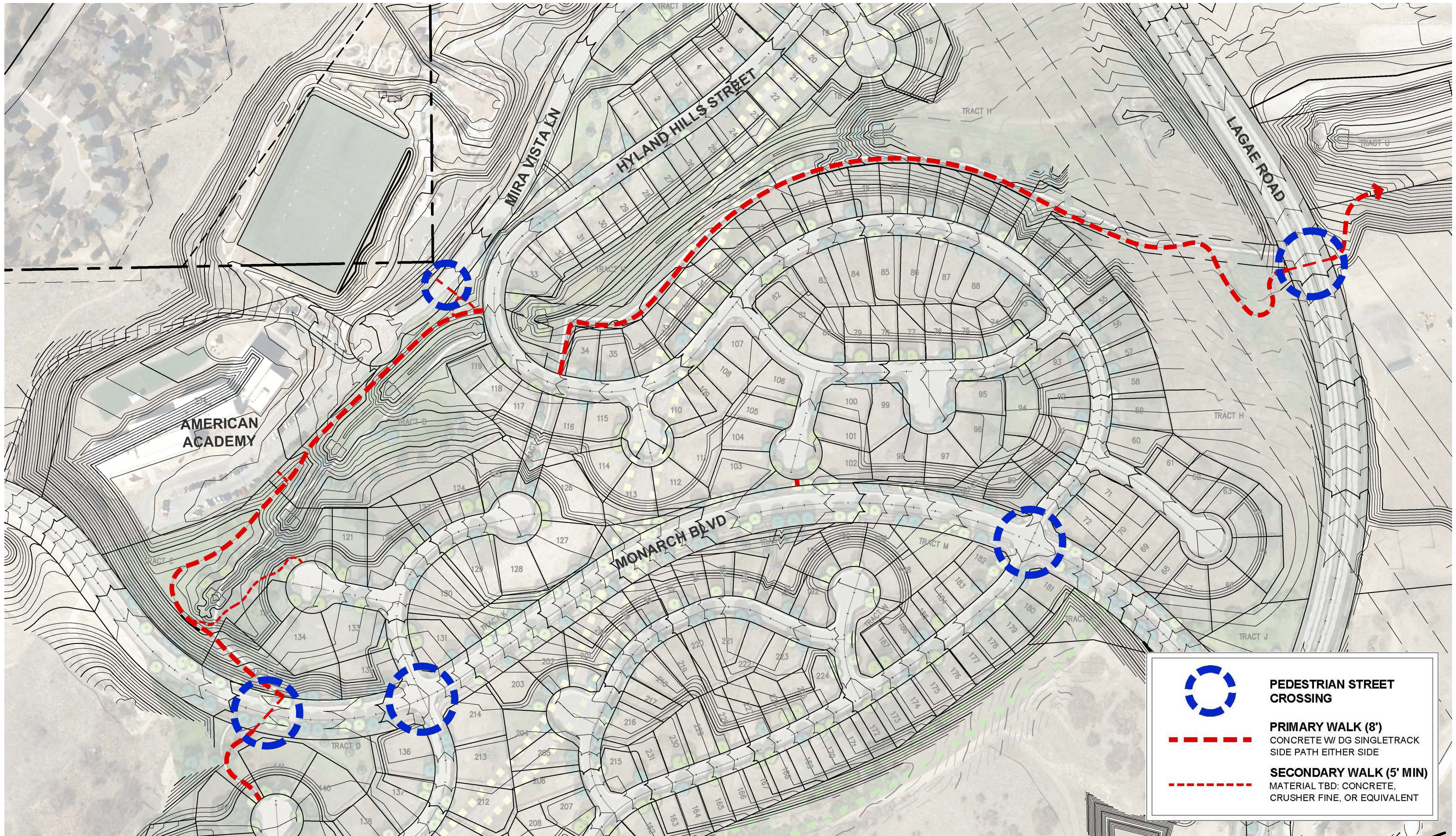


East Drainage Corridor

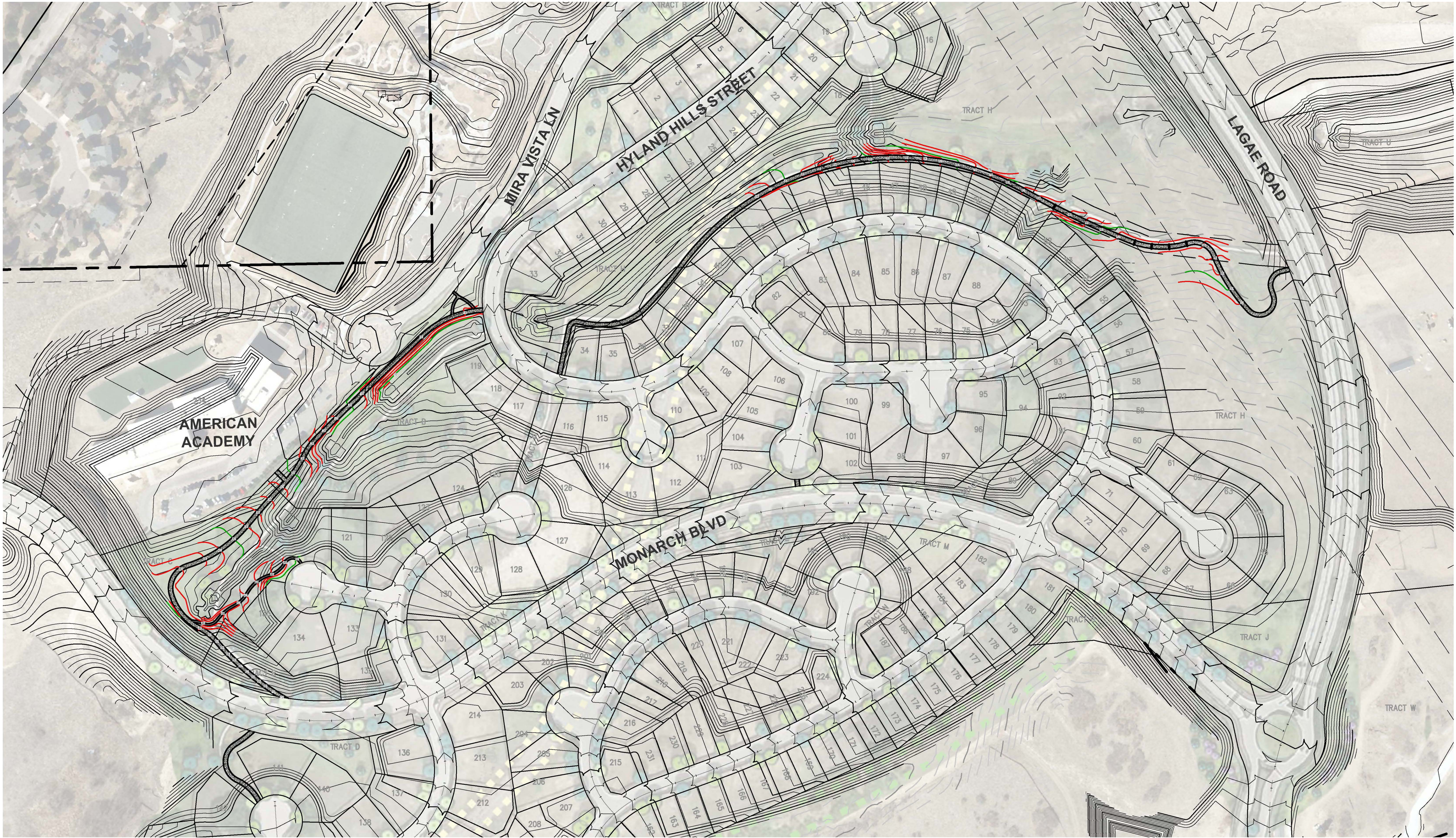


Potential Connections - Sloped Drainage Corridors

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Lennar Trail Elements						
Item	Unit Qty	Unit	Unit Cost	Base-Total	Extended Cost	Total
Primary Trails						
Standard Gray Concrete (incl. 4" thick, subgrade)	29,344	SF	\$ 5.00	\$ 146,720.00	\$ -	\$ 146,720.00
DG 2' Singletrack side path (both sides of concrete)	14,672	SF	\$ 3.50	\$ 51,352.00	\$ -	\$ 51,352.00
Secondary Trails						
[DG] Decomposed Granite Surfacing (4" thick)	2,110	SF	\$ 3.50	\$ 7,385.00	\$ -	\$ 7,385.00
Additional Site Elements / Furnishings						
Removable Bollards	4	EA	\$ 600.00	\$ 2,400.00	\$ -	\$ 2,400.00
Pedestrian Street Crossings						
Street Crossing Type 1 (incl. solar powered RRFB's, traffic control, mobilization)	2	EA	\$ 17,240.00	\$ 34,480.00	\$ -	\$ 34,480.00
Street Crossing Type 2 (does not incl. RRFB's)	3	EA	\$ 3,000.00	\$ 9,000.00	\$ -	\$ 9,000.00

Comments

3,668 lf of primary trail, assumed 8' width; recommend 4"-6" thick if vehicular use & maintenance will be common. good subgrade prep.

2' wide singletrack side path alongside primary concrete path, for runners/bikers

422 lf of secondary trail, assumed 5' width

Quantity & Needs TBD

5 street crossings shown on prelim. diagram; To use pricing based on previous street crossing installed at City of Castle Pines

Subtotal \$ 251,337.00
Contingency (20%) \$ 50,267.40

Project Total	\$ 301,604.40
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Standard Concrete Walkway



Natural Trail Connections



Additional Single Track Sidepaths



KBI Flexi-Pave Porous Pavement

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