

2016 Recreation Trails Master Plan Update

- Draft Proposal and Public Input



Needs and Goals

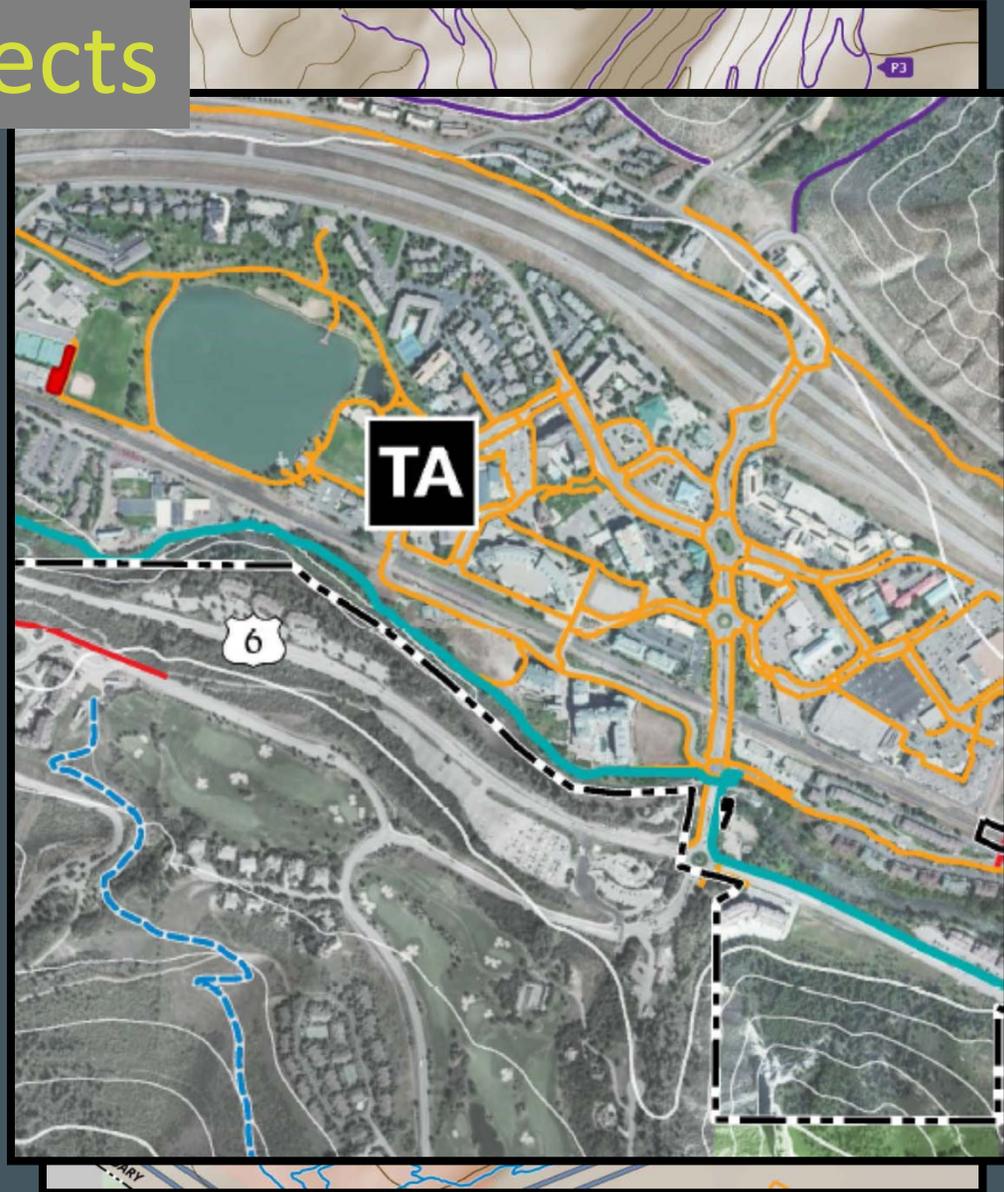
Need: Coherent plan to address changes in Town facilities and ownership, and guide trail development in Avon for the next 10-15 years

Goals:

- Connectivity
- Expanded trail mileage and trail diversity
- Environmental protection
- Public input

2016 Capital Projects

- **Metcalf Road**
Bicycle Climbing Lane
- **West Beaver Creek**
Boulevard
Improvements
- **Eagle Valley**
Regional Trail
Connection



Plan Development Process

1. Town Council IDs the need, Town Recreation Dept. begins the process, Olsson Associates retained to assist Town staff
2. Establishment of Steering Committee, initial evaluation of citizen trail proposals
3. Refinement of trail proposals based on environmental factors and stakeholder input
4. Development of Draft trail proposals for public consideration

Current Conditions

- Outstanding sidewalk/paved multi-use system in the Town core
- Heavily-utilized recreational amenity in the West Avon Preserve
- Connections between Town core, Town trails, and surrounding trails are desired, as well as

Summary of Proposal

- Approximately double existing mileage of soft-surface trail in Town boundaries (11.59 miles addition)
- Complete key facility upgrades to service additional trails
- Complete limited paved trail segments to improve connectivity

Summary of Proposal – Soft Surface Trails

Trail Zone	Trail #	Use Emphasis	Prioritization		Trail Surface	Trail Width	Construction Method	
			Level of Priority	Estimated Completion			Machine-Built	Hand-Built
Upper Metcalf Loops	P1	MULTI-USE, BIKE EMPHASIS: Uphill directional trail	HIGH	Fall 2016	Dirt	24"		●
	P2	MOUNTAIN BIKE ONLY: Expert downhill directional trail			Dirt	24"		●
	P3	MULTI-USE, BIKE EMPHASIS: Intermediate downhill directional trail			Dirt	24"		●
Wildridge Connector Trails	P4	MULTI-USE: Trail access and connectivity improvement	MEDIUM	2017	Dirt	24"		●
	P5	MULTI-USE: Trail access and connectivity improvement	MEDIUM		Dirt	24"		●
	P6	MULTI-USE: Trail access and connectivity improvement	HIGH		Dirt	36"	●	
West Avon Preserve	P8	MULTI-USE, BIKE EMPHASIS: Intermediate connector trail	MEDIUM	2017-2018	Dirt	36"	●	
Buffalo Ridge Loop	M2	HIKING ONLY: Dog walking and pedestrian loop	MEDIUM	2017-2018	Dirt	36"	●	
	M3	HIKING ONLY: Dog walking and pedestrian loop	MEDIUM		Dirt	36"	●	
East Avon Preserve	M4	MULTI-USE: Beginner & intermediate instructional loop	LOW	Within 5 years, pending development	Dirt	36"	●	
	M5	MULTI-USE: Beginner- friendly instructional loop			Dirt	36"	●	
	M6	MULTI-USE: Beginner- friendly instructional loop			Dirt	36"	●	



AVON TRAILS MASTER DEVELOPMENT PLAN

Existing & Proposed Trails Network

Avon Town Boundary

USFS Lands

State Lands

Protected Open Space

Private Conservation Property

AVON TRAILS NETWORK

Soft-surface Trails

- Existing Social Hiking
- Existing Multi-use (Hike & Bike)
- *Proposed Multi-use (Hike & Bike)
- *Proposed Multi-use (Hike & Bike)
- *Proposed Pump Track

Paved-surface Trails

- Regional Eagle Valley Trail
- Existing Sidewalk/Multi-use
- *Proposed Sidewalk/Multi-use

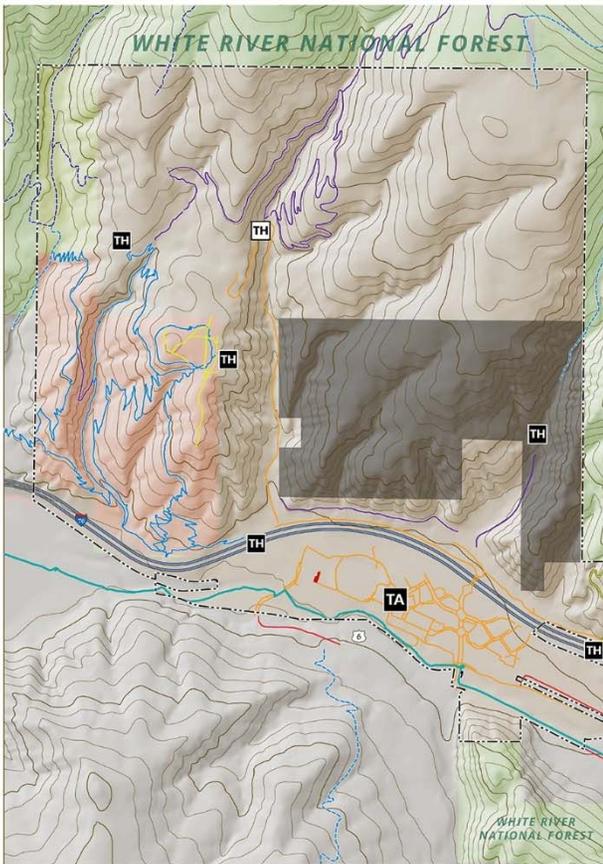
OTHER TRAILS NETWORK

Soft-surface Trails

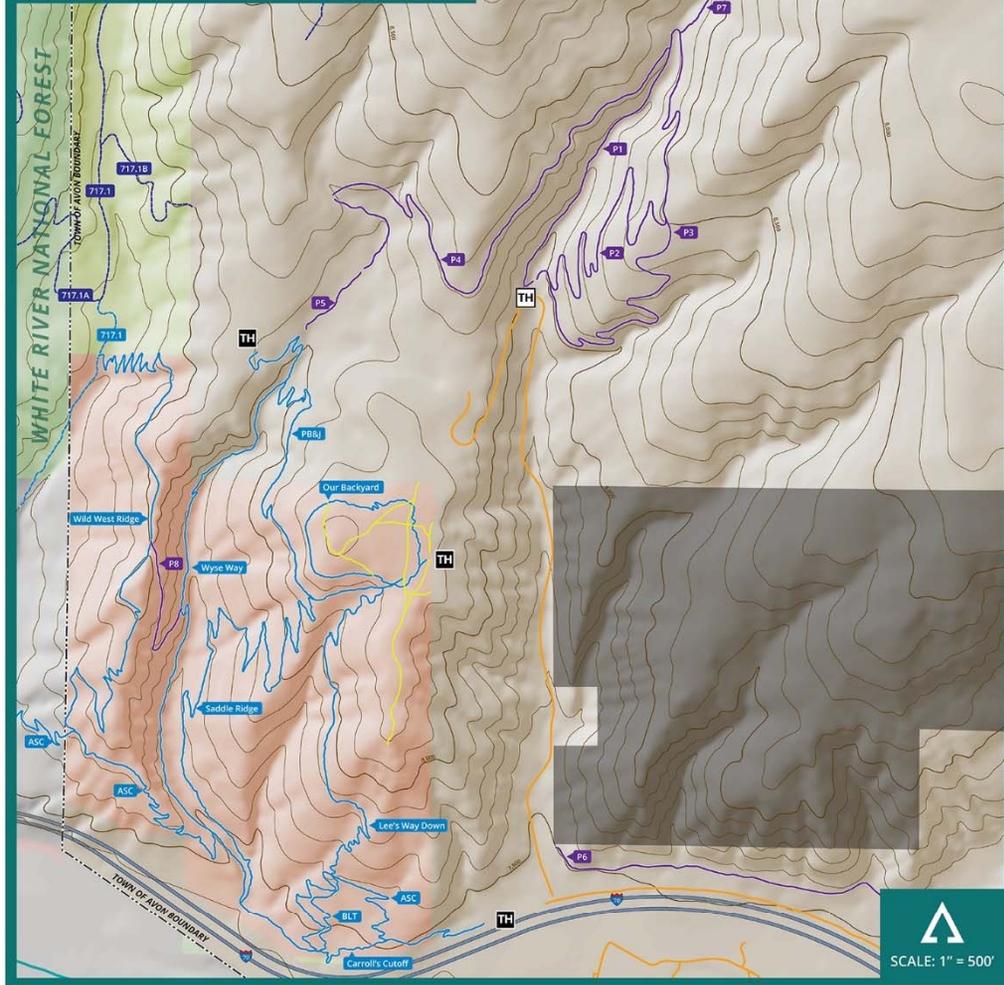
- Hiking
- Multi-use (Hike & Bike)
- Motorized

TRAIL HEADS

- Existing Trail Access
- Existing Trail Head
- Proposed Trail Head



WILDRIDGE & WEST AVON PRESERVE



SCALE: 1" = 500'



SCALE: 1" = 1,000'



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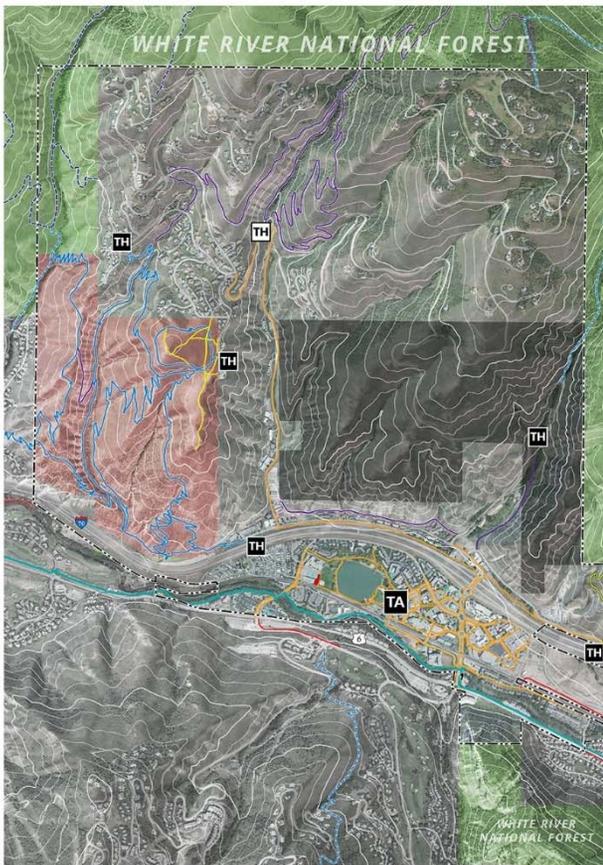
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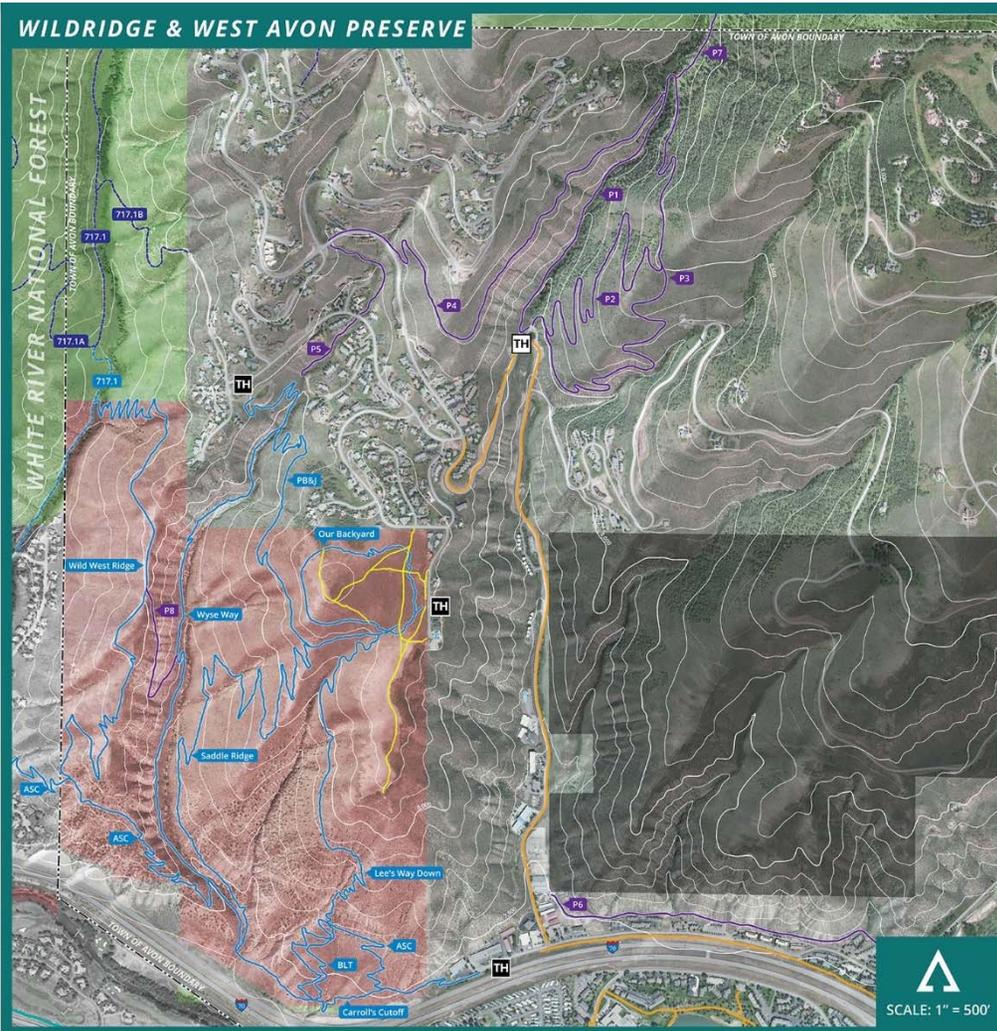
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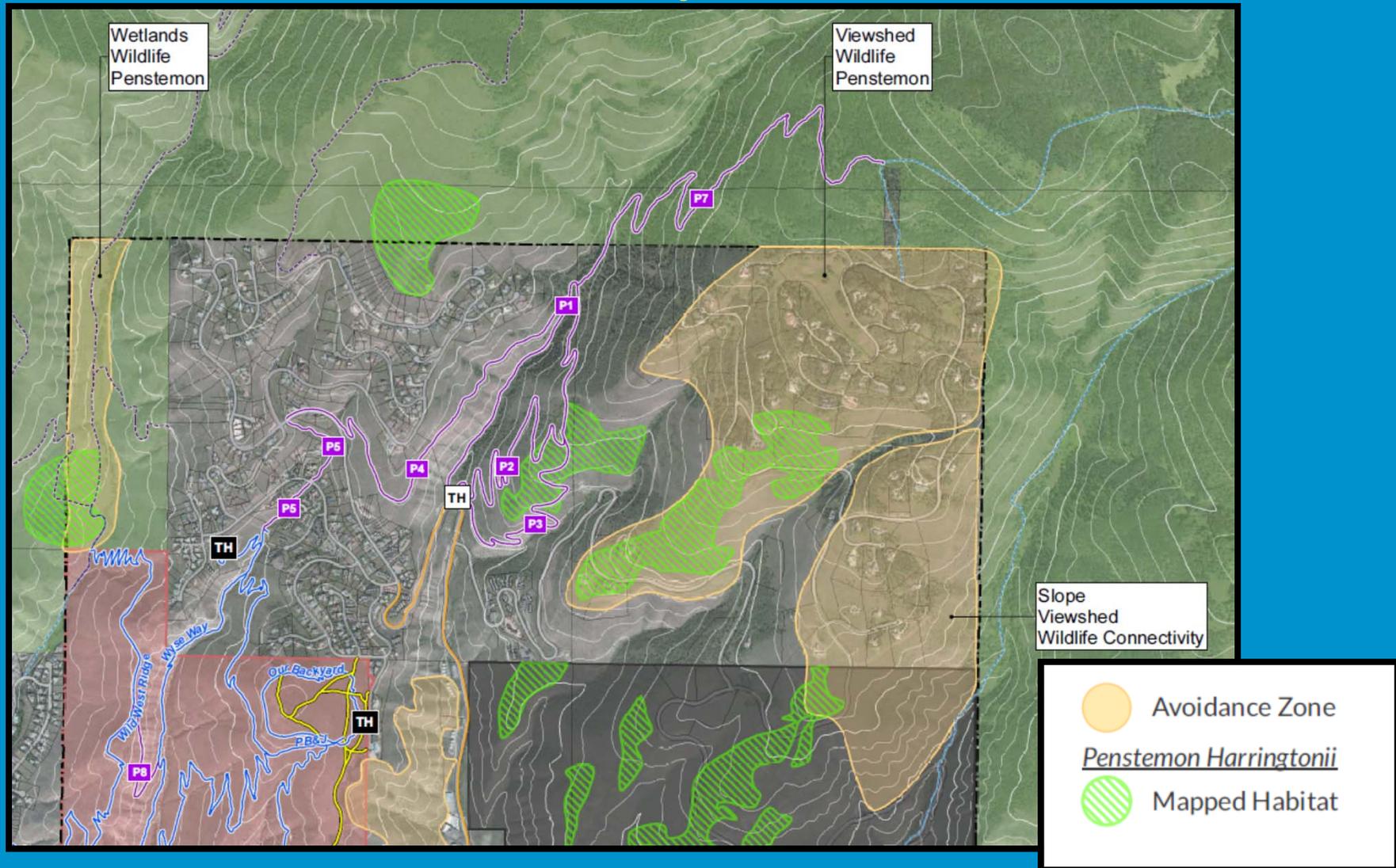
Summary of Proposal - Trail Construction Costs

Trail Zone	Trail #	Use Emphasis	Trail Surface	Trail Width	Mileage	Elevation Change (ft)	Construction Cost Estimate	Annual Maintenance
Upper Metcalf Loops	P1	MULTI-USE, BIKE EMPHASIS: Uphill directional trail	Dirt	24"	1.20	558	\$63,000	\$3,150
	P2	MOUNTAIN BIKE ONLY: Expert downhill directional trail	Dirt	24"	1.08	493	\$56,000	\$2,800
	P3	MULTI-USE, BIKE EMPHASIS: Intermediate downhill directional trail	Dirt	24"	0.88	528	\$62,000	\$3,100
Wildridge Connector Trails	P4	MULTI-USE: Trail access and connectivity improvement	Dirt	24"	1.21	183	\$36,000	\$1,800
	P5	MULTI-USE: Trail access and connectivity improvement	Dirt	24"	0.41	188	\$14,000	\$700
	P6	MULTI-USE: Trail access and connectivity improvement	Dirt	36"	1.99	465	\$26,000	\$1,300
West Avon Preserve	P8	MULTI-USE, BIKE EMPHASIS: Intermediate connector trail	Dirt	36"	0.35	264	\$12,000	\$600
Buffalo Ridge Loop	M2	HIKING ONLY: Dog walking and pedestrian loop	Dirt	36"	1.46	155	\$10,000	\$500
	M3	HIKING ONLY: Dog walking and pedestrian loop	Dirt	36"	1.48	232	\$36,000	\$1,800
East Avon Preserve	M4	MULTI-USE: Beginner & intermediate instructional loop	Dirt	36"	0.78	--	\$24,000	\$1,200
	M5	MULTI-USE: Beginner-friendly instructional loop	Dirt	36"	0.38	--	\$18,000	\$900
	M6	MULTI-USE: Beginner-friendly instructional loop	Dirt	36"	0.35	--	\$12,000	\$600
TOTALS	12 NEW TRAILS IN 5 AREAS				11.59	--	\$369,000	\$18,450

Summary of Proposal – Facilities

Facilities	Description	Amenities				Prioritization	Parking Area	Total Area	Annual Maintenance
Upper Metcalf Loop Trailhead	Centralized trailhead serving the Metcalf Loops and the Avon Preserve					HIGH	6-10 spots	0.035 acres	\$3,853
Town Center Bike Park	Dirt pumptrack and bike park					MEDIUM	none (utilize existing)	0.27 acres	\$1,950
Nottingham Road - Buck Creek Connection	Paved sidewalk/multi-use trail providing access to Buck Creek					HIGH	--	215 linear feet	--
Additional Sidewalk Connections	Paved sidewalk/multi-use trails providing off-street access					MEDIUM	--	1.5 miles	\$500
Buffalo Ridge Trailhead Improvements	Improvements to existing trailhead: signage, road Xing					MEDIUM	8 spots (existing)	--	\$2,413
East Avon Preserve Trailhead	Centralized trailhead serving the East Avon area and Village at Avon					LOW, pending development	8-12 spots	TBD	\$3,853
									\$12,569

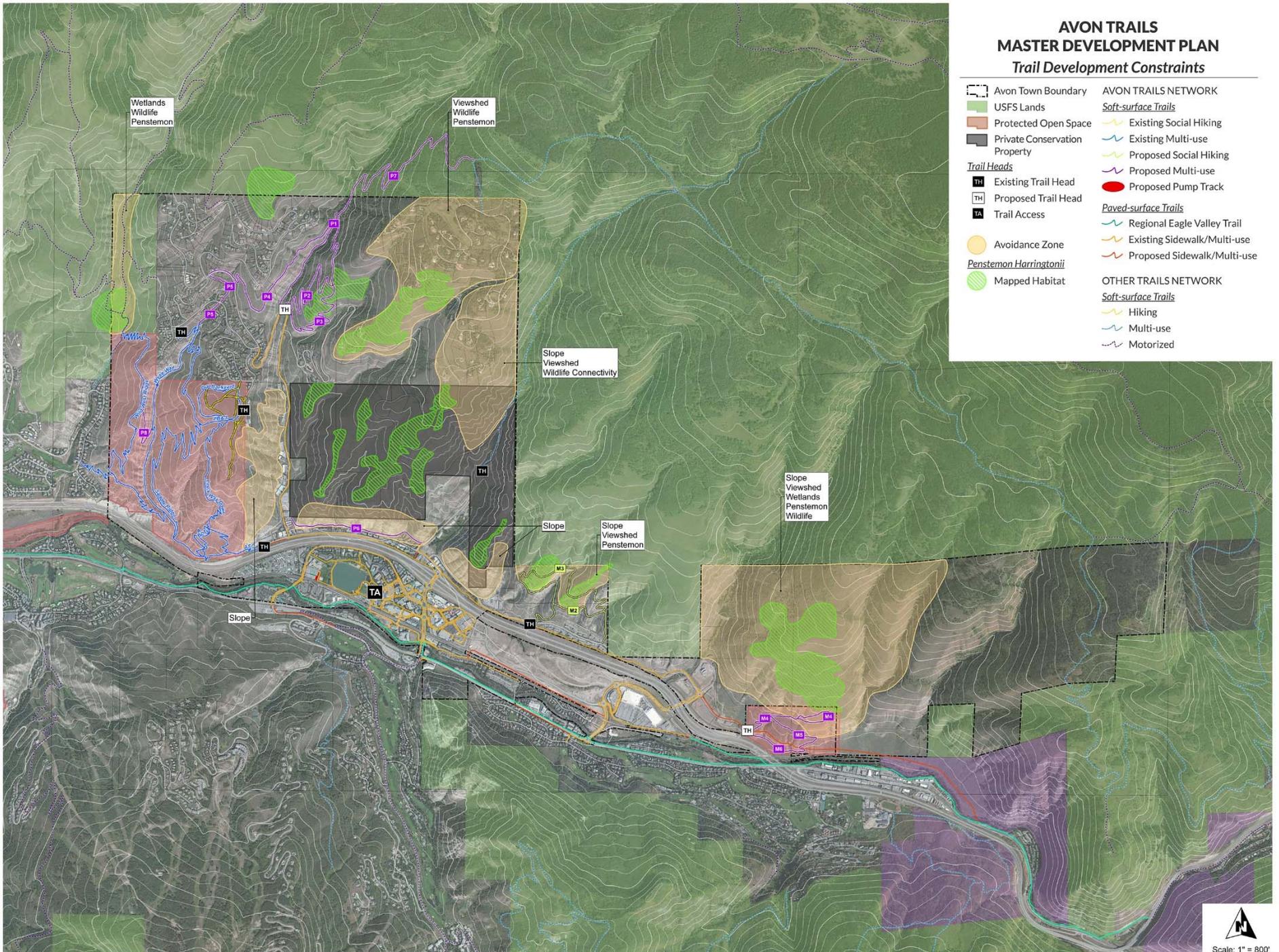
Environmental Analysis and Constraints



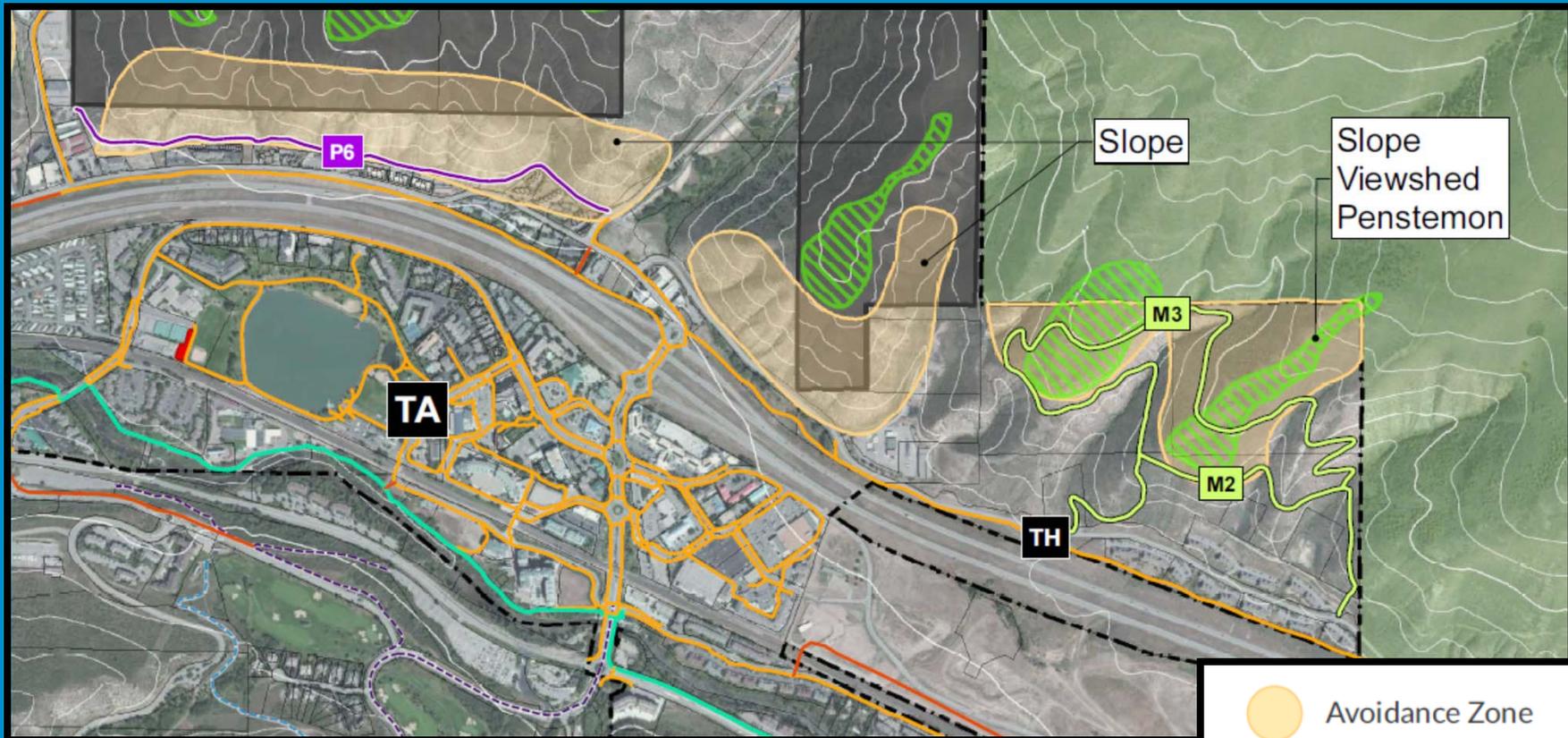
AVON TRAILS MASTER DEVELOPMENT PLAN

Trail Development Constraints

- | | |
|-------------------------------|-----------------------------|
| Avon Town Boundary | AVON TRAILS NETWORK |
| USFS Lands | <u>Soft-surface Trails</u> |
| Protected Open Space | Existing Social Hiking |
| Private Conservation Property | Existing Multi-use |
| Trail Heads | Proposed Social Hiking |
| Existing Trail Head | Proposed Multi-use |
| Proposed Trail Head | Proposed Pump Track |
| Trail Access | <u>Paved-surface Trails</u> |
| Avoidance Zone | Regional Eagle Valley Trail |
| <u>Penstemon Harringtonii</u> | Existing Sidewalk/Multi-use |
| Mapped Habitat | Proposed Sidewalk/Multi-use |
| | OTHER TRAILS NETWORK |
| | <u>Soft-surface Trails</u> |
| | Hiking |
| | Multi-use |
| | Motorized |

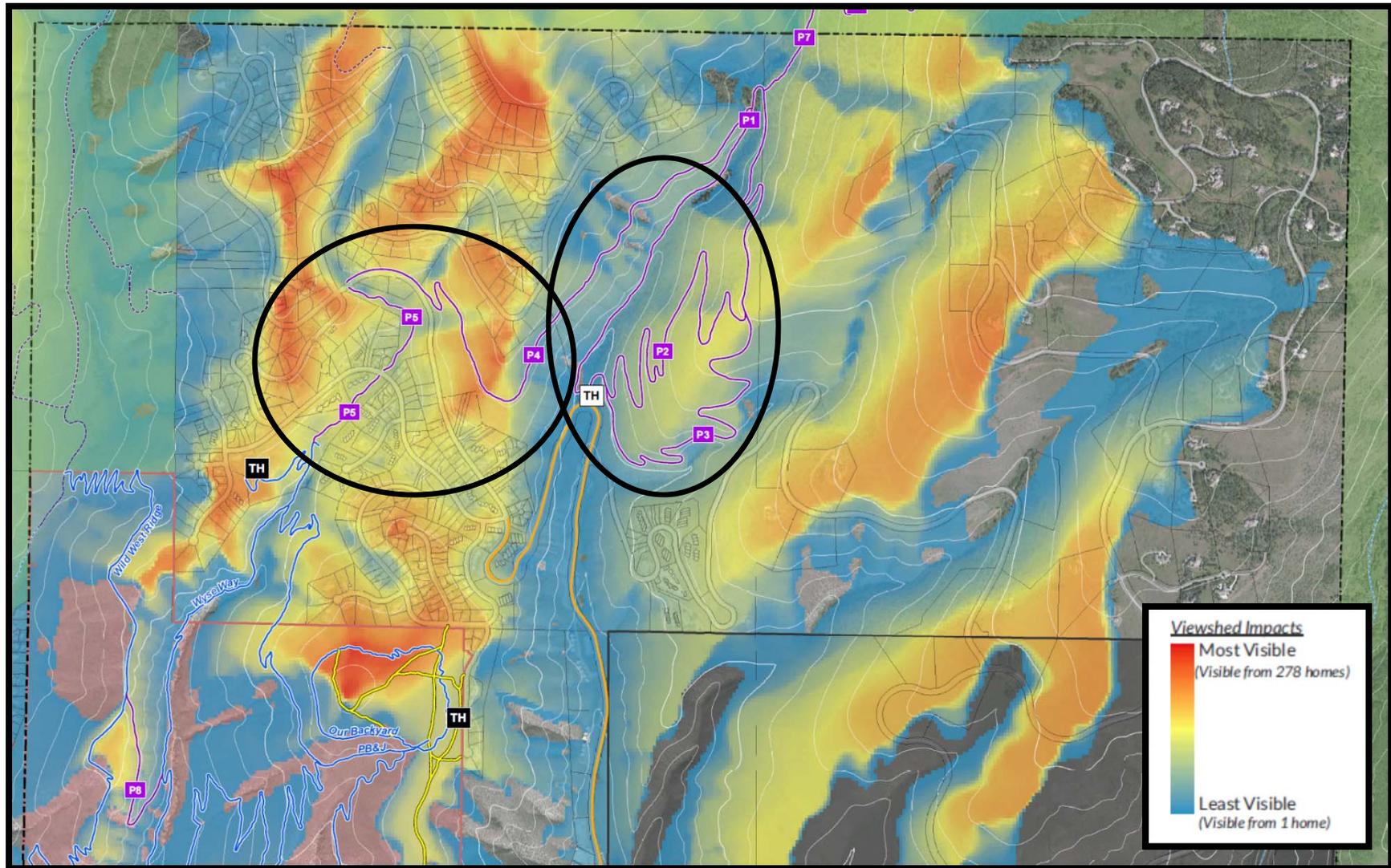


Environmental Analysis and Constraints; *Case Study*



- **P6** is on steep slopes, but follows an existing roadcut
- **M3** will require Penstemon surveys and careful design to deal with slopes and drainages

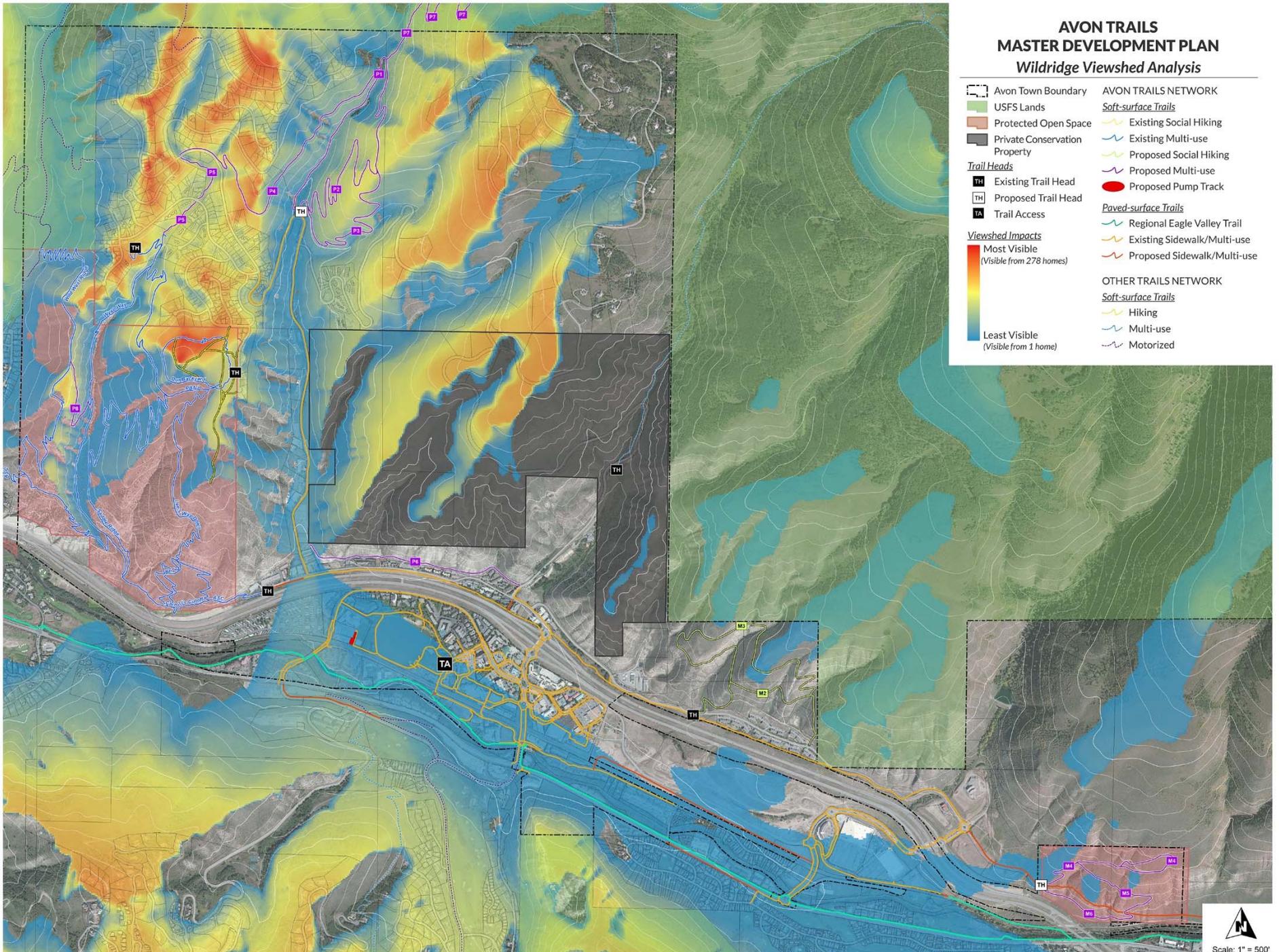
Viewshed Analysis and Mitigation



AVON TRAILS MASTER DEVELOPMENT PLAN

Wildridge Viewshed Analysis

- | | |
|--|-----------------------------|
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| Private Conservation Property | Existing Multi-use |
| Trail Heads | Proposed Social Hiking |
| Existing Trail Head | Proposed Multi-use |
| Proposed Trail Head | Proposed Pump Track |
| Trail Access | <u>Paved-surface Trails</u> |
| Viewshed Impacts | Regional Eagle Valley Trail |
| Most Visible
(Visible from 278 homes) | Existing Sidewalk/Multi-use |
| Least Visible
(Visible from 1 home) | Proposed Sidewalk/Multi-use |
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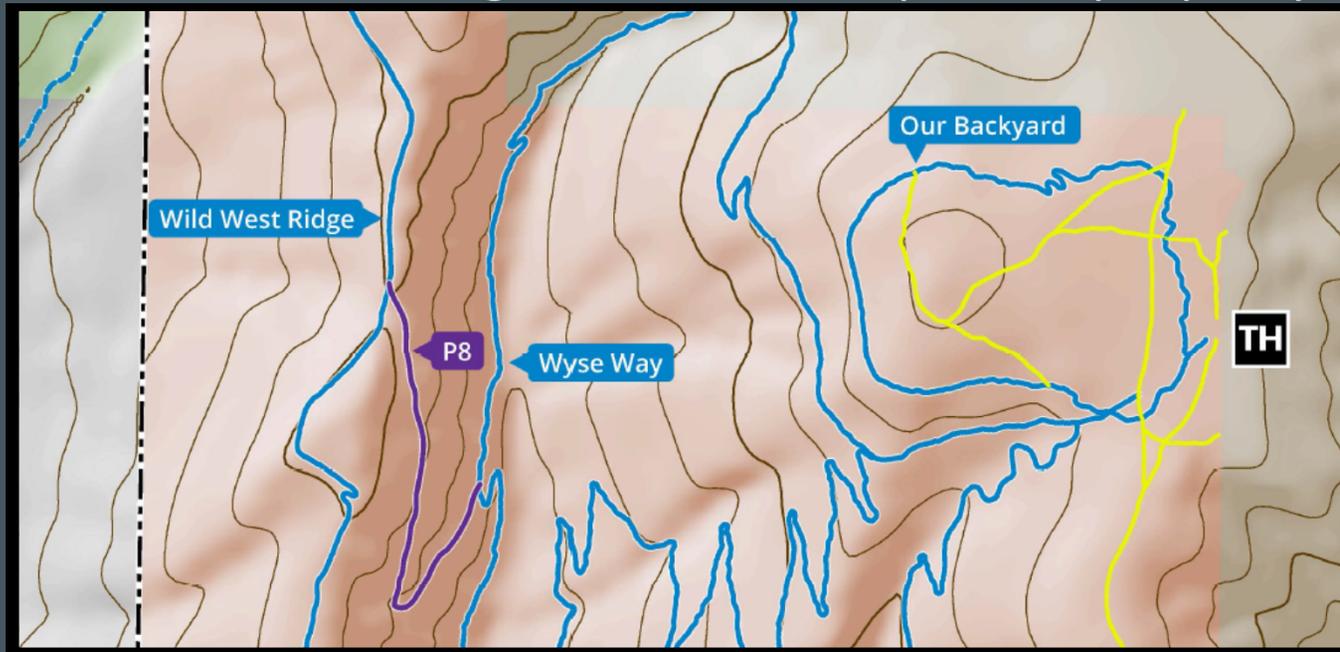
Management/Approval Considerations

1) P8 (Wild West – Wyse Way Connector)

- West Avon Preserve Management Plan
- Approval required from EVLT

2) P7 (USFS Nottingham Ridge Connector)

- USFS development requires NEPA process
- Current road alignment crosses private property



Trail Etiquette and Use

- 1) Know the Rules
- 2) Leave No Trace
- 3) Yield Appropriately
- 4) Respect Seasonal Closures
- 5) Never Scare Animals
- 6) Plan Ahead & Prepare
- 7) Manage Your Pets



QUESTIONS?



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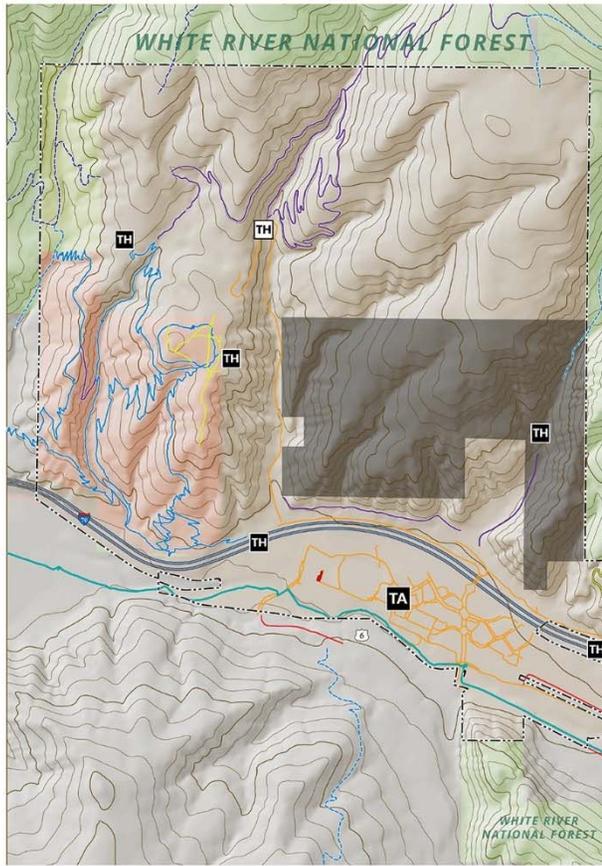
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