



Loudoun County

VIRGINIA

WHERE TRADITION MEETS INNOVATION

Sidewalk and Trail Program Overview

Transportation and Land Use Committee

February 19, 2020

Introduction

- The 2019 Countywide Transportation Plan (CTP) calls for pedestrian and/or bicycle facilities to be built along both sides of all Arterial and Collector roads (“CTP roads”), except in rural areas.

Pedestrian and Bicycle Facilities Along Planned Roadways

- Sidewalks: 6' paths primarily for pedestrian mobility
 - Concrete in Urban and Suburban Policy Areas and Joint Land Management Areas
 - Asphalt in Transition and Rural Policy Areas
- Shared Use Paths ("Trails"): 10' asphalt paths for pedestrian, bicycle and personal mobility devices
- Paved Regional Trails: 16' asphalt paths



Introduction

- Prior to adoption of the 2010 Comprehensive Transportation Plan, approved development was not required to incorporate pedestrian and bicycle facilities in a comprehensive manner.
- Comparing the 2019 CTP to the existing sidewalk and trail network indicates there are 280 miles of “Missing Links”.
- To date construction of missing links has been addressed on an ad-hoc basis through Board Member Initiatives

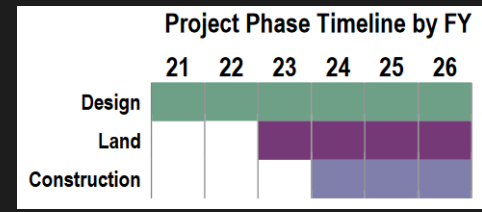
Sidewalk and Trail Program

- Overall Goal:
 - To achieve a safe and efficient multi-modal transportation system countywide
- Program Purpose:
 - To ensure adequate resources and programmatic methodology to efficiently and proactively implement missing segments of sidewalk and trails

Program Description

- Intent:
 - To service as a funding source account; once specific project locations are identified, funds are transferred to the specific project account
 - To provide for planning, design, right-of-way acquisition, and construction of improvements for approximately 3 to 5 miles of sidewalk and/or trails per year

CIP Funding Status and Implementation



Adopted
FY19-FY24
CIP

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FYs	Total
Professional Services	-	185	-	-	1,110	1,155	1,200	3,650	4,800	8,450
Land	-	-	-	-	-	770	800	1,570	3,200	4,770
Construction	-	-	-	-	-	-	9,085	9,085	50,865	59,950
Furniture, Fix tures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	185	-	-	1,110	1,925	11,085	14,305	58,865	73,170

Proposed
FY21-FY26
CIP

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total	FYs	Total
Professional Services	185	206	905	1,155	1,200	1,200	1,200	5,865	4,800	10,850
Land	-	-	-	770	800	800	800	3,170	3,200	6,370
Construction	-	-	-	-	9,085	10,435	8,020	27,540	32,080	59,620
Personnel	-	59	-	-	-	-	-	59	-	59
Total Cost	185	265	905	1,925	11,085	12,435	10,020	36,634	40,080	76,900

FY 2019 Prioritization Effort

Create
Master List
of Missing
Links

Gather
Data to
Analyze
Priorities

Determine
Recommended
Buildout
Order

Create
Conceptual
Drawings for
Top 3 Miles



Identify and
Weight
Prioritization
Criteria

Analyze
Missing Links

BOS
Selects
Top 3 Miles

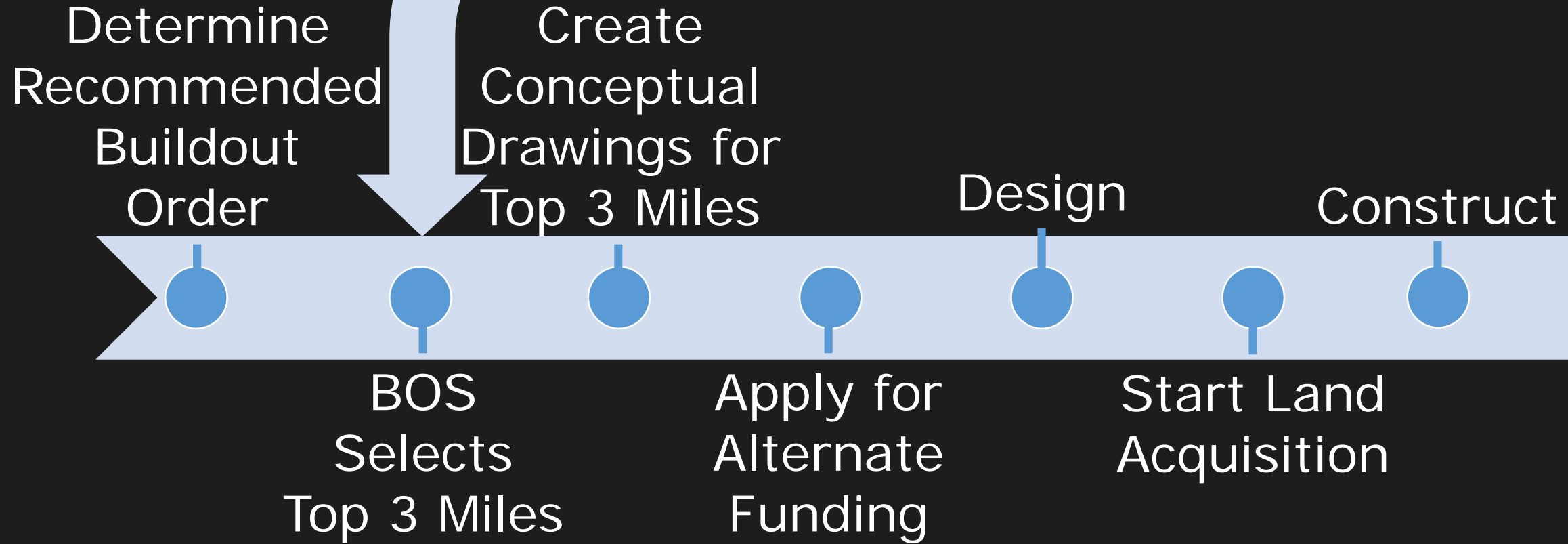
Location Summary of Missing Links

	Sidewalks/ Shared Use Path (miles)	Rural Shared Use Path (miles)	Regional Trail (miles)	Total (miles)
Algonkian	13	0	0	13
Ashburn	15	0	0	15
Blue Ridge	65	24	3	92
Broad Run	45	0	0	45
Catoctin	31	25	0	56
Dulles	38	0	0	38
Sterling	21	0	0	21
Total	228	49	3	280

Prioritization Criteria

- Proximity to:
 - Schools
 - Parks
 - W&OD Trail
 - Metro Stations
 - Transit and Commuter Busses
 - Other Pedestrian Generators/Destinations
- Crash History
- Roadway Characteristics
- Network Characteristics

Next Steps



Questions?