

The word "IOWA" is written in a bold, black, sans-serif font on a bright yellow rectangular background in the top right corner of the slide.

Regional Trail Project

Jaci Petersen, Emily Shie, Kevin Plumb, Christian Harms

May 1st, 2024



Meet the Team!



Jaci Petersen

Co-Project Manager



Emily Shie

Co-Project Manager

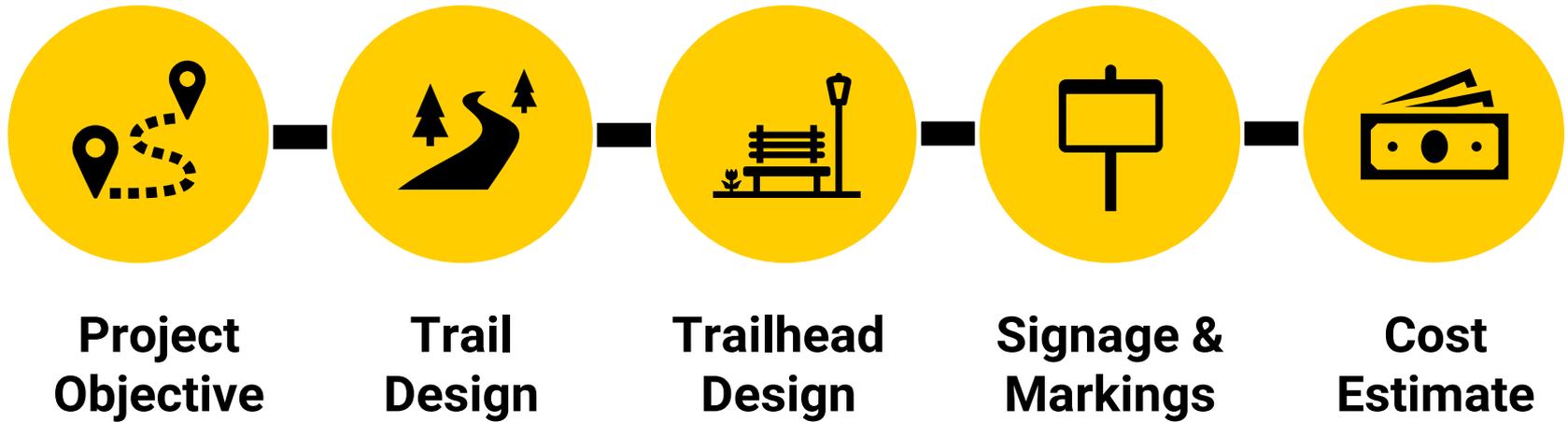


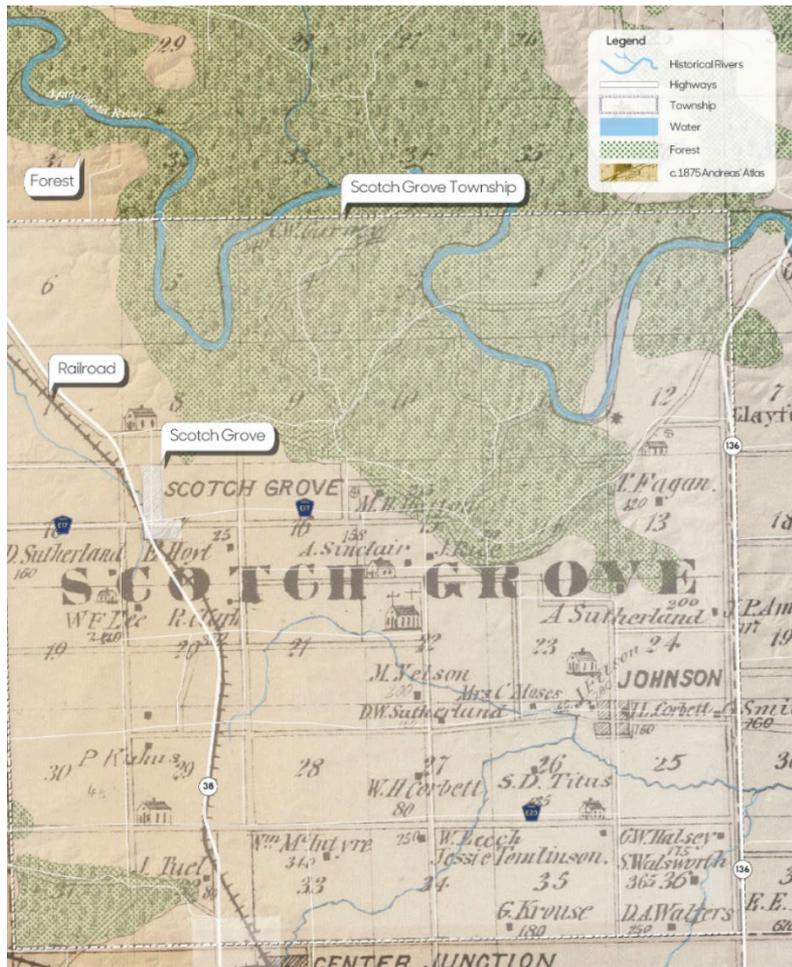
Kevin Plumb



Christian Harms

Overview





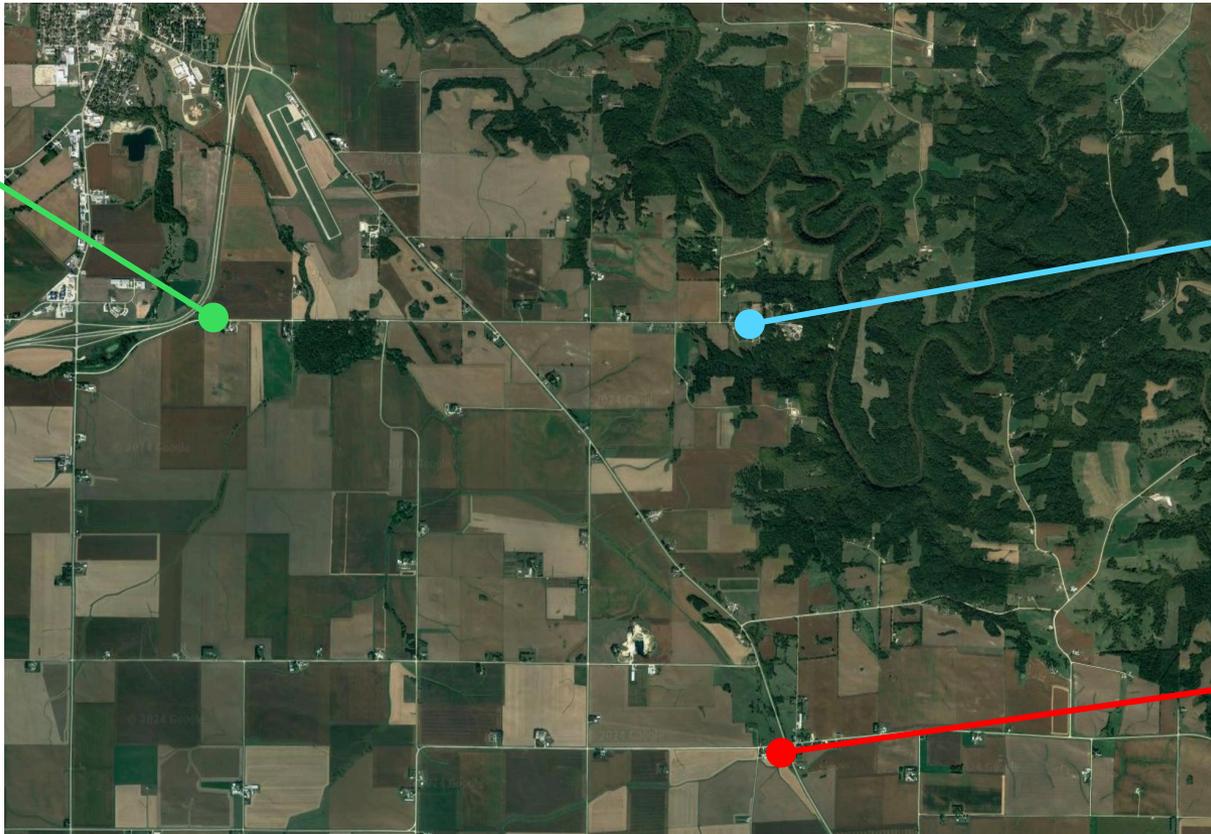
Project Objective

Project Objective: *Trail Users*



Project Objective: *Locations*

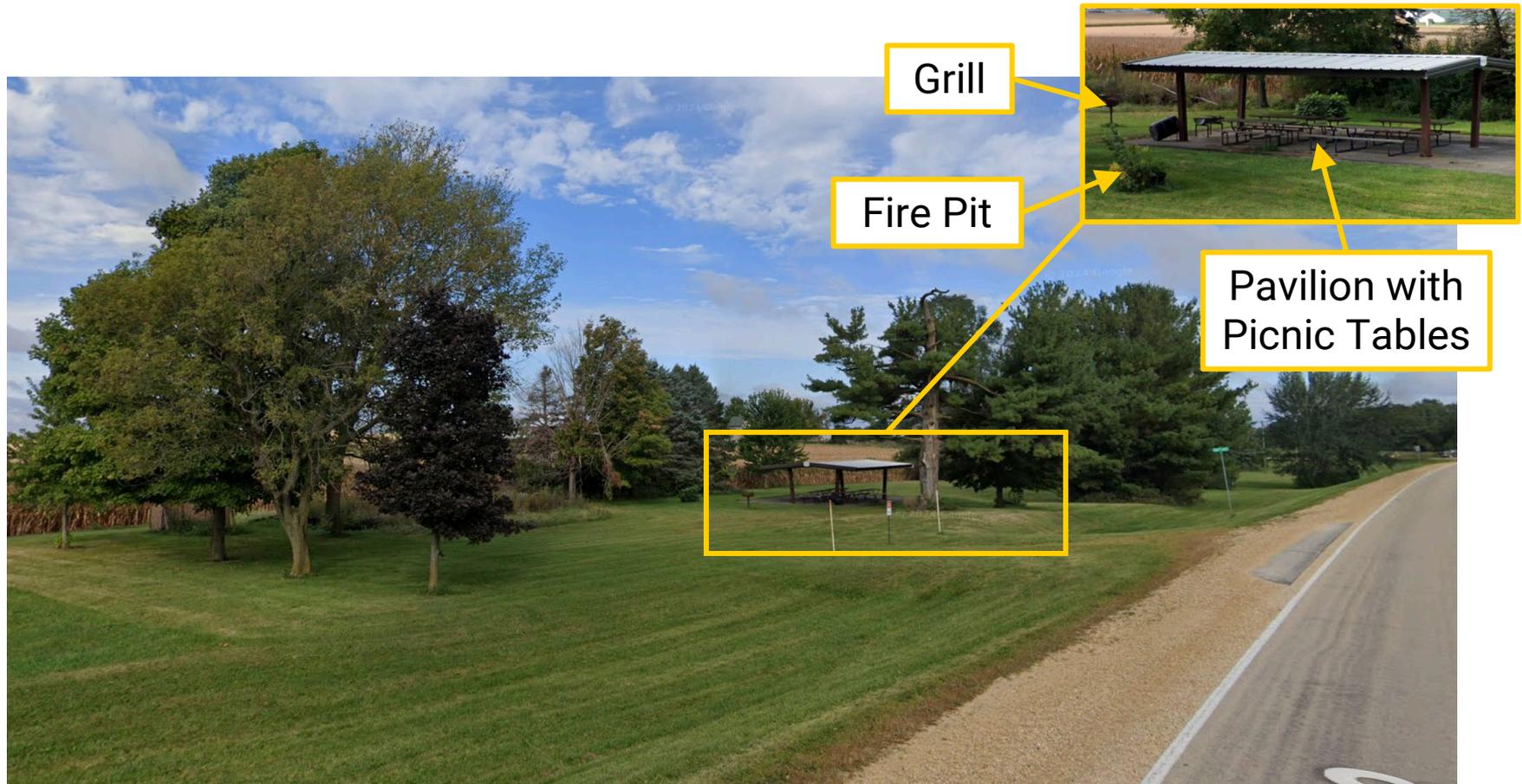
Trail
Connection



Camp
Courageous

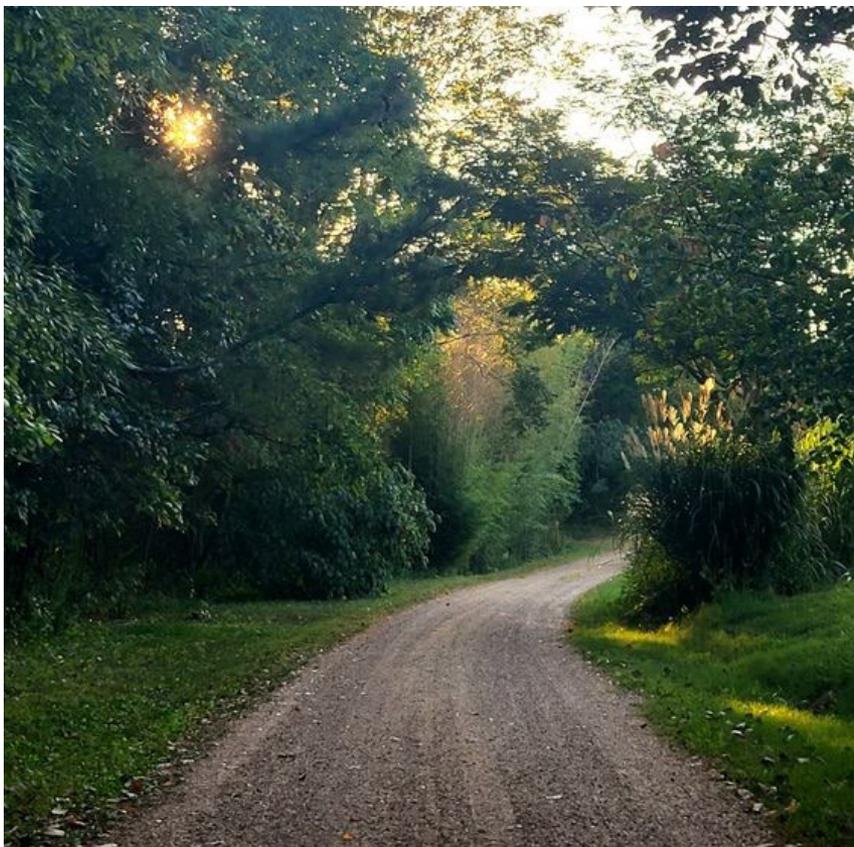
Trailhead

Project Objective: *Trailhead*



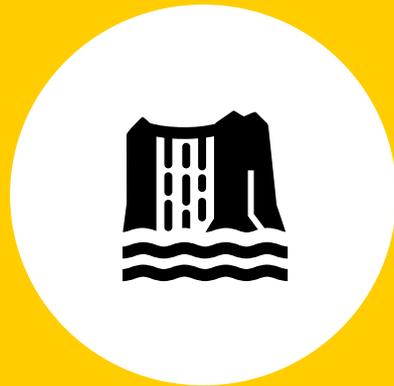
Project Objective: *116th*





Trail Design

Trail: *Alternate Routes*

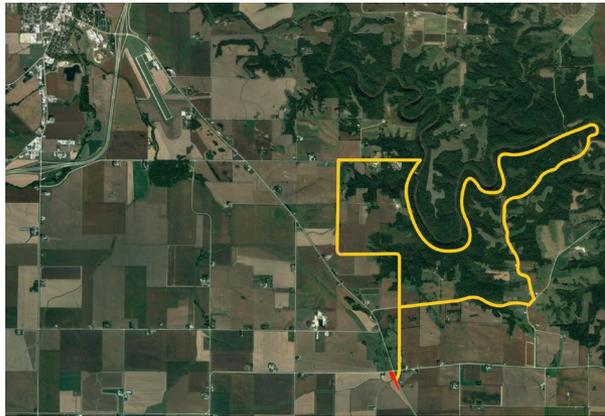


1. River and Bluffs



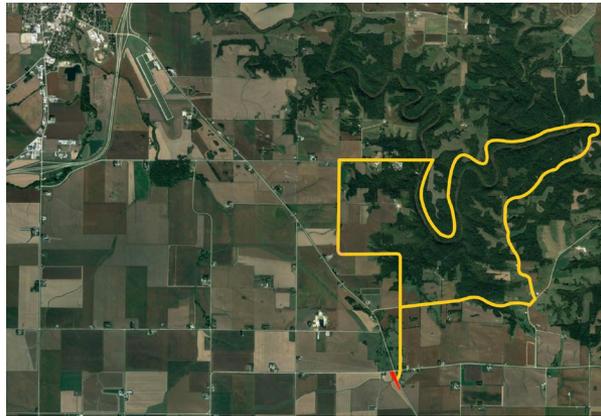
2. Along Right-of-Way

Alternate 1: *Designs 1, 2, & 3*



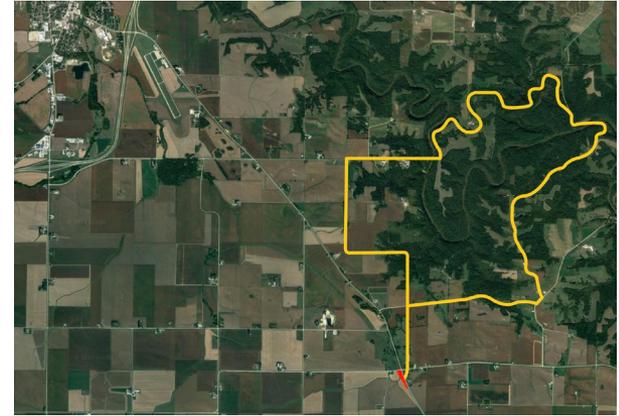
Design 1

South Along River



Design 2

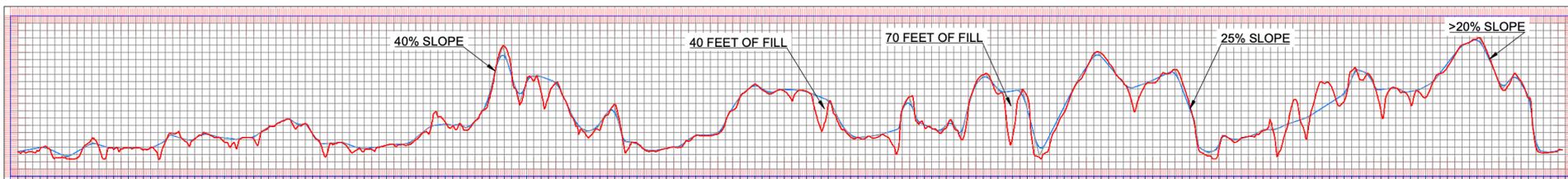
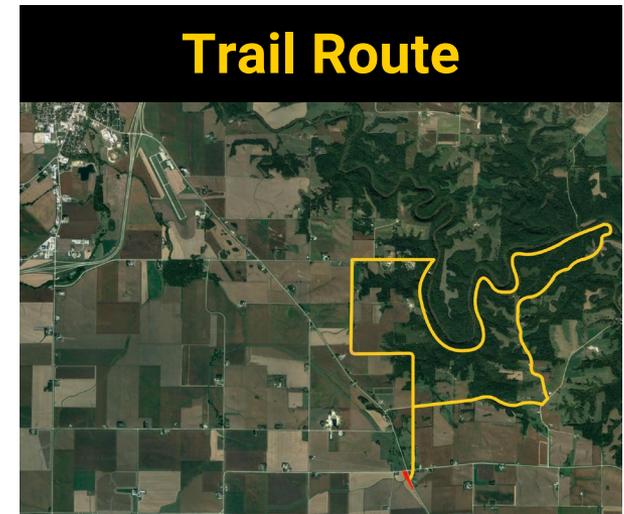
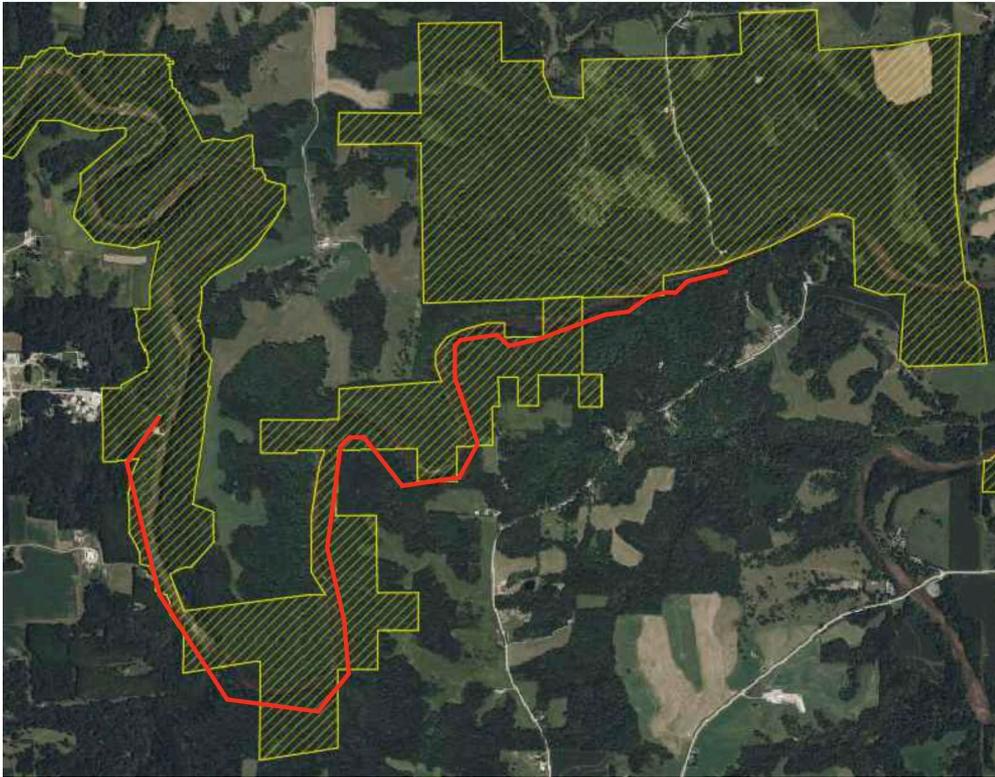
North Along River



Design 3

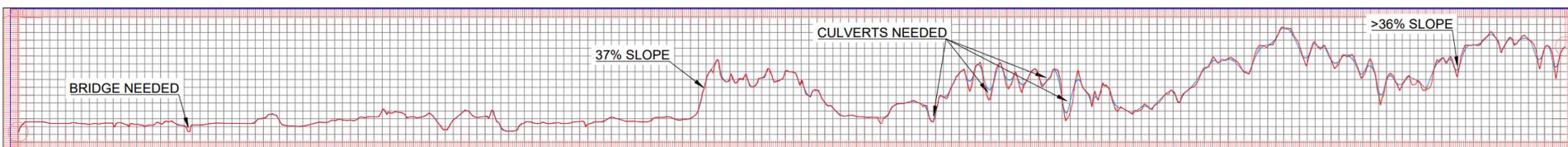
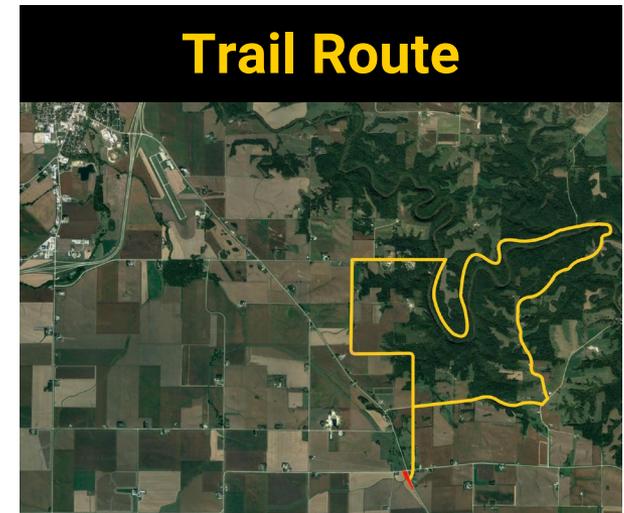
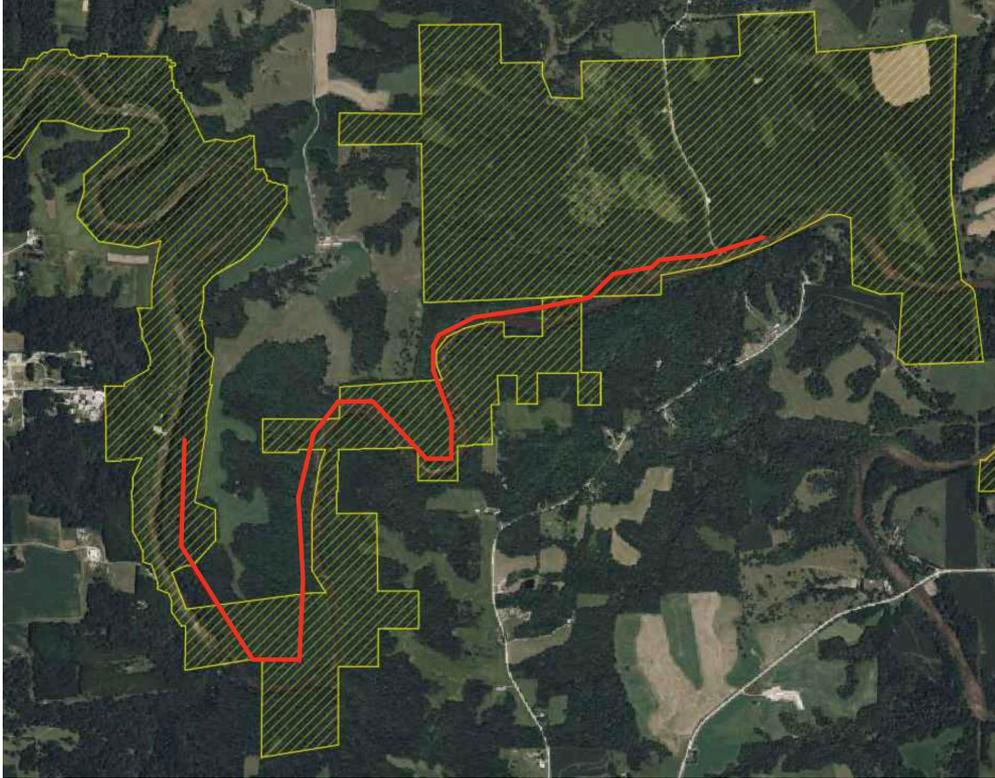
North

Alternate 1: *Design 1*





Alternate 1: *Design 2*

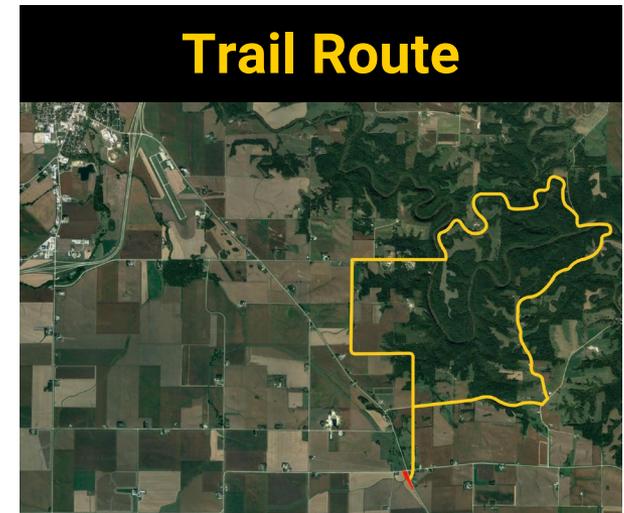
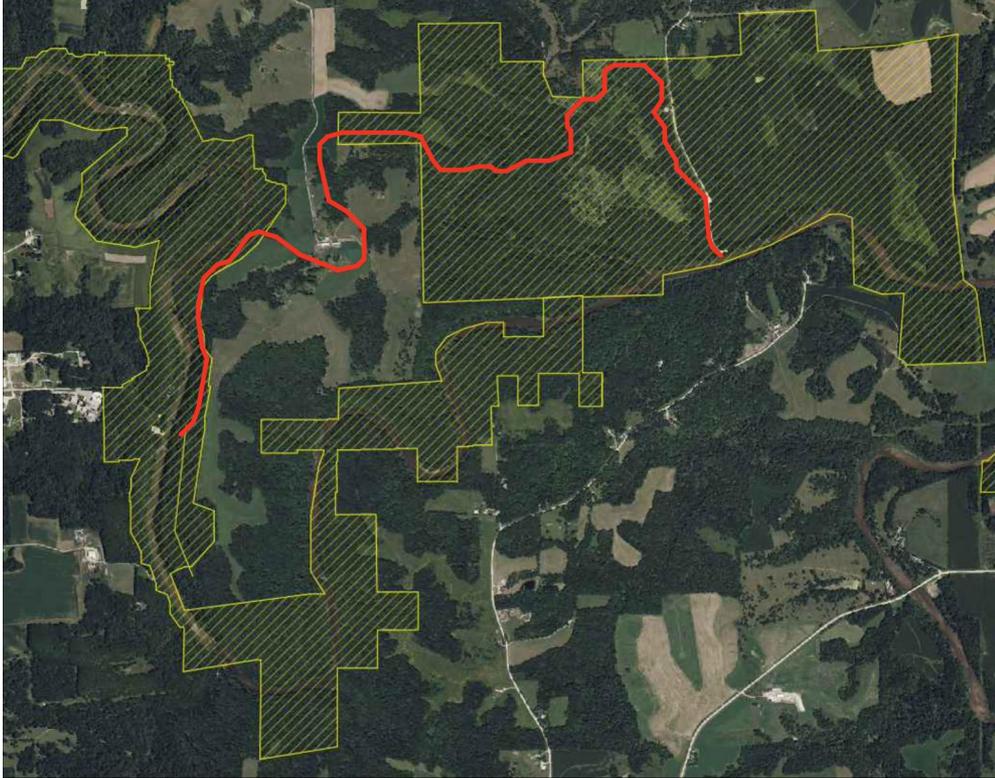




IOWA

Regional Trail

Alternate 1: *Design 3*



Trail: *Alternate Routes*

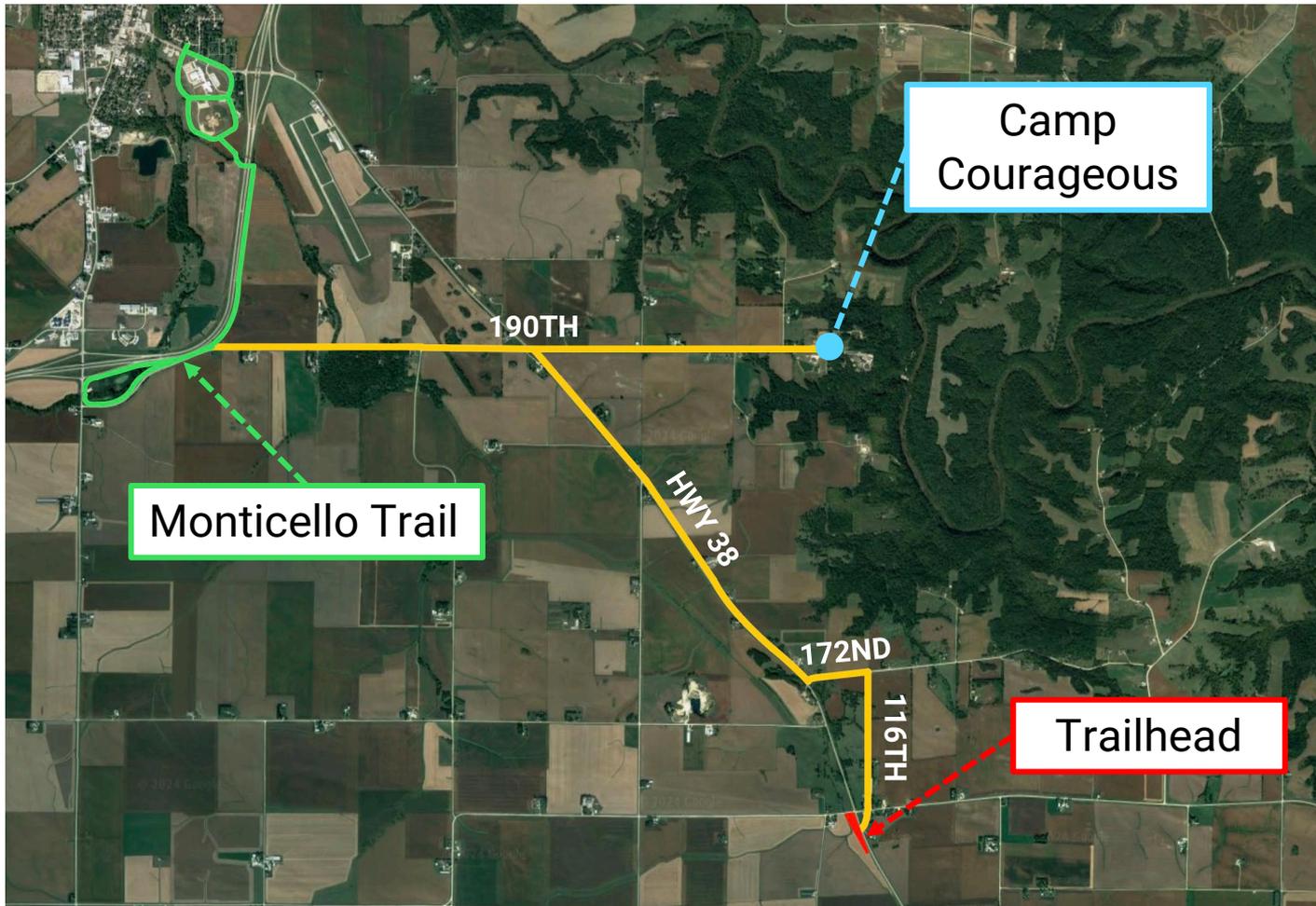


1. River and Bluffs



2. Along Right-of-Way

Alternate 2



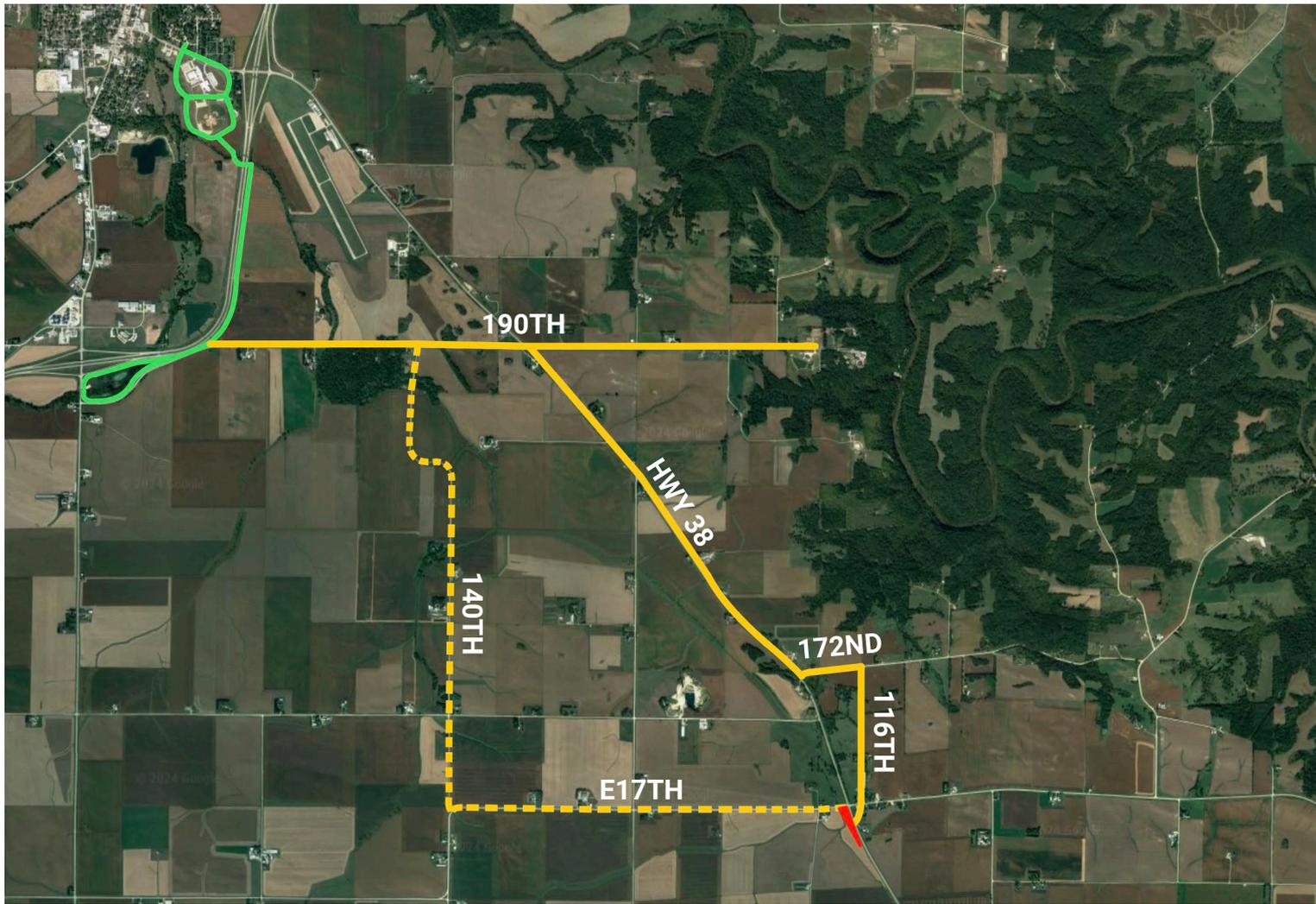
Trail: *Alternate Routes*



1. River and Bluffs



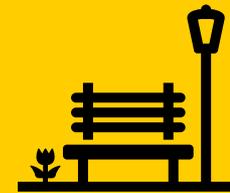
2. Along Right-of-Way



Future Trail: *Idea for Expansion*

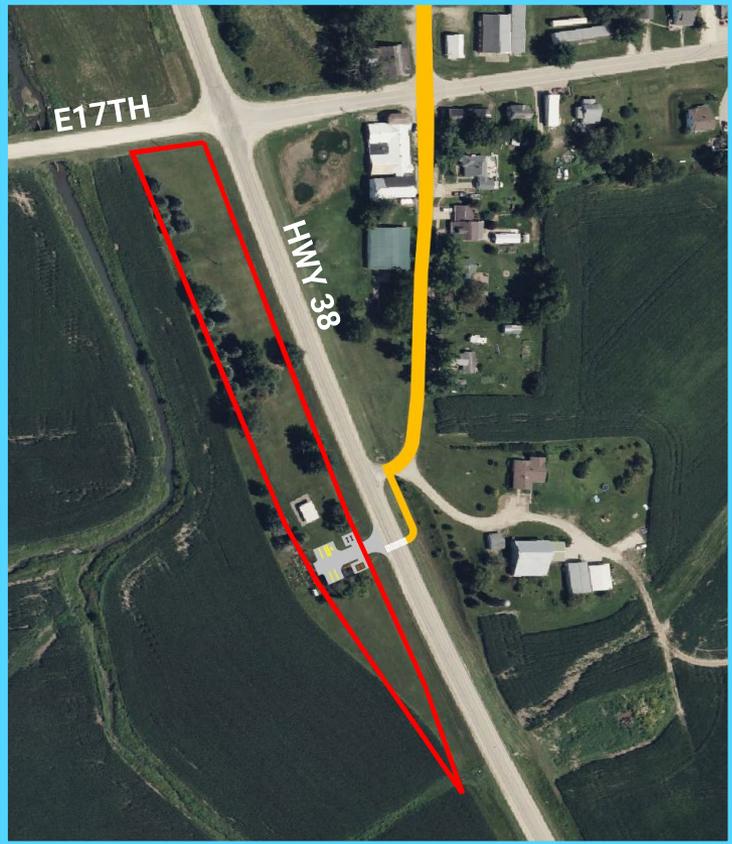
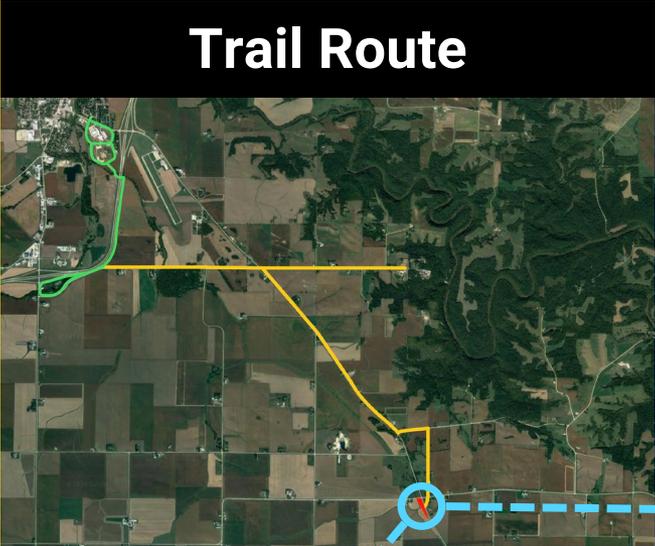


Future Trail: *Idea for Expansion*

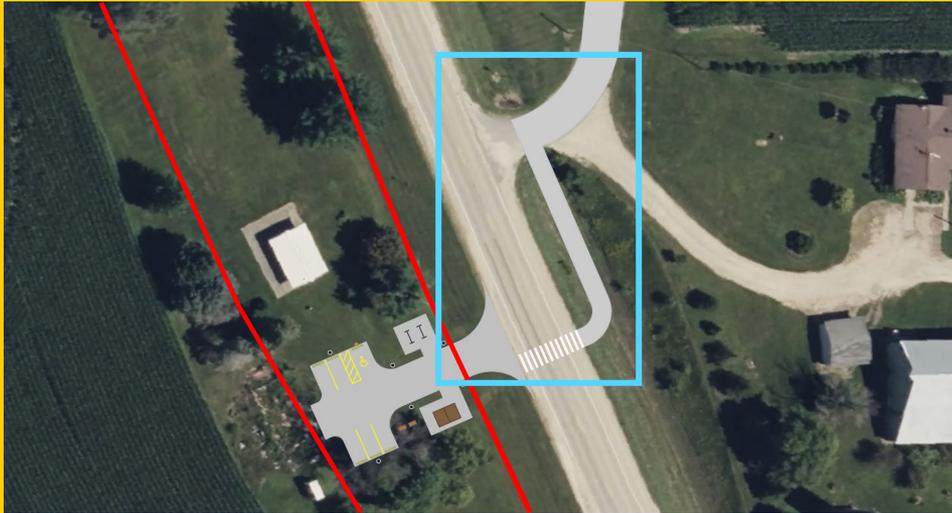


Trailhead Design

Trailhead: *Lot*



Trailhead: *Connection*



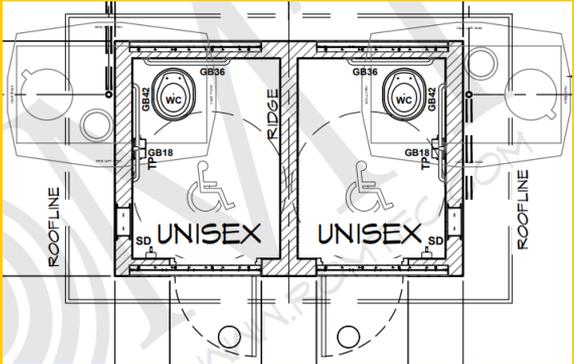
Trailhead: *Layout*



Trailhead: *Layout*

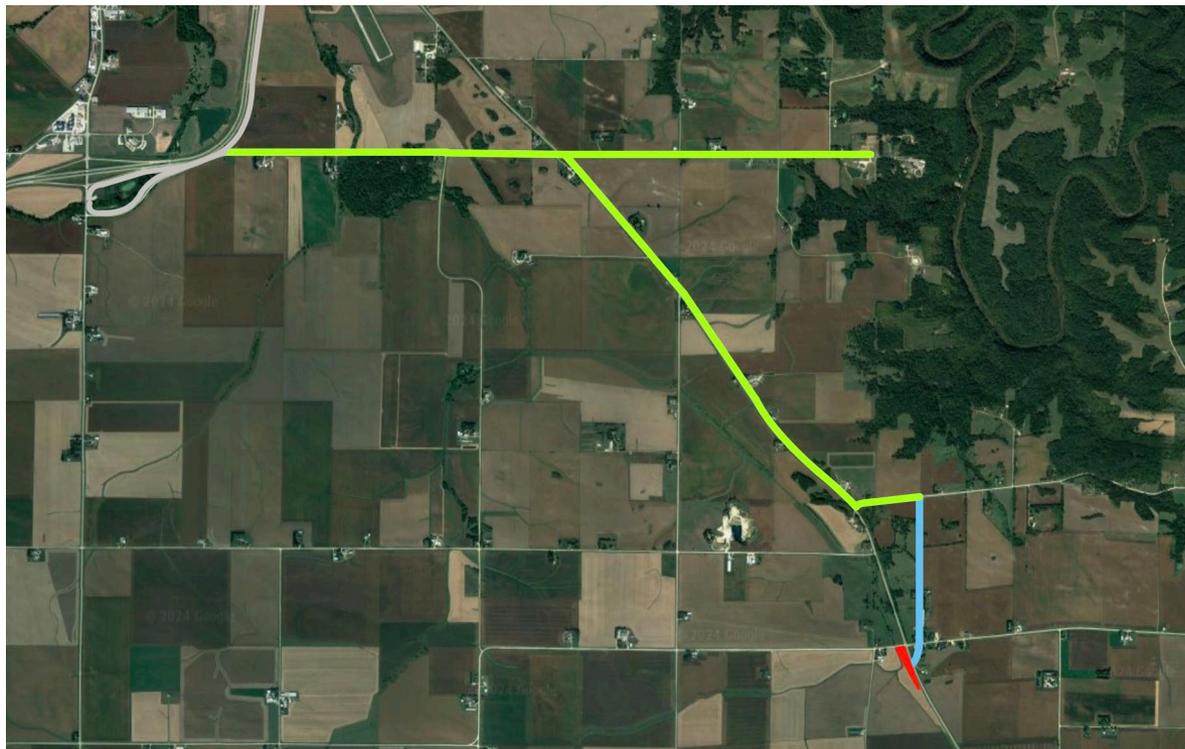


Trailhead: *Details*



Trail & Trailhead: *Design*

- 10-foot trail
- **5.84 miles *new* + 0.87 miles *shared* = 6.71 miles**

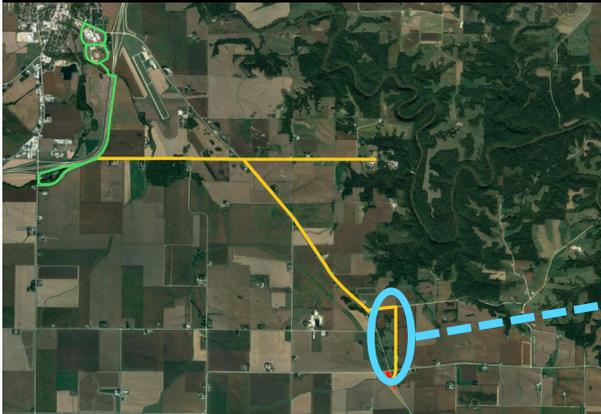


- Monticello Trail
- New
- Shared-Use
- Trailhead

Shared-Use: 116th



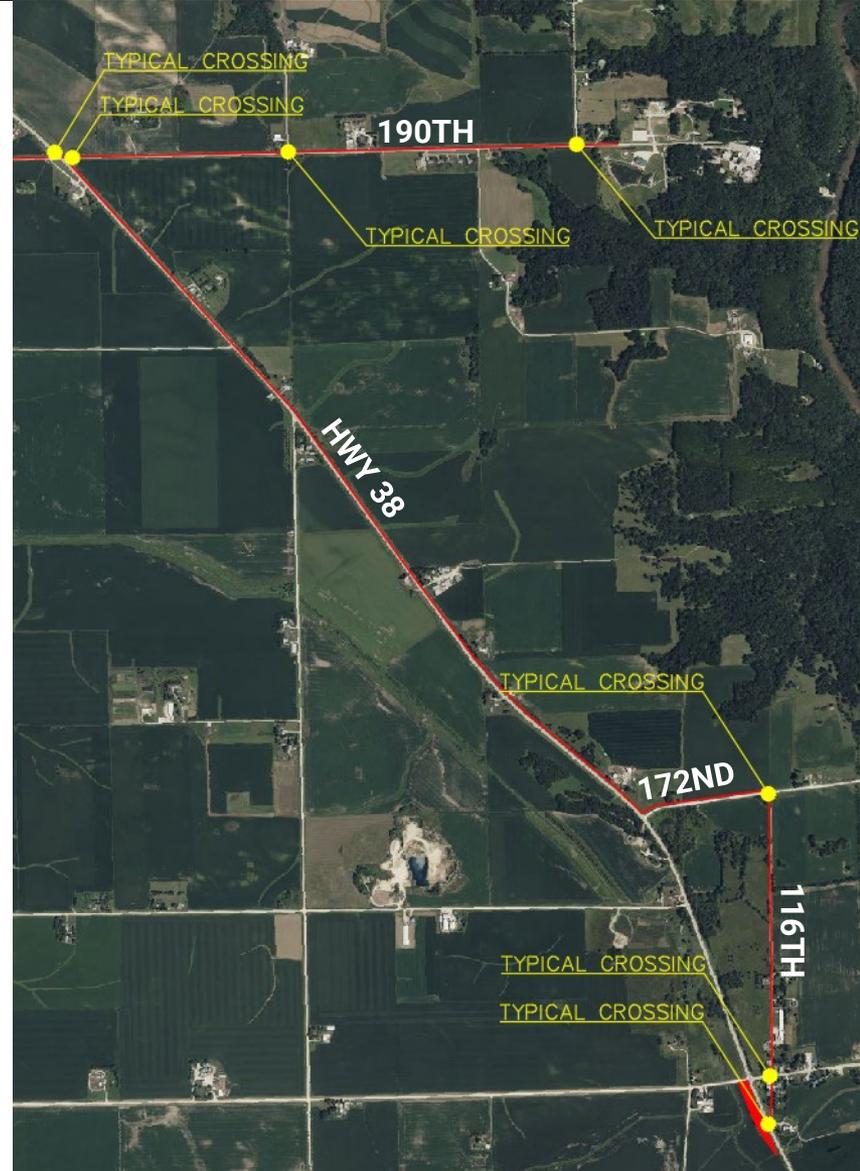
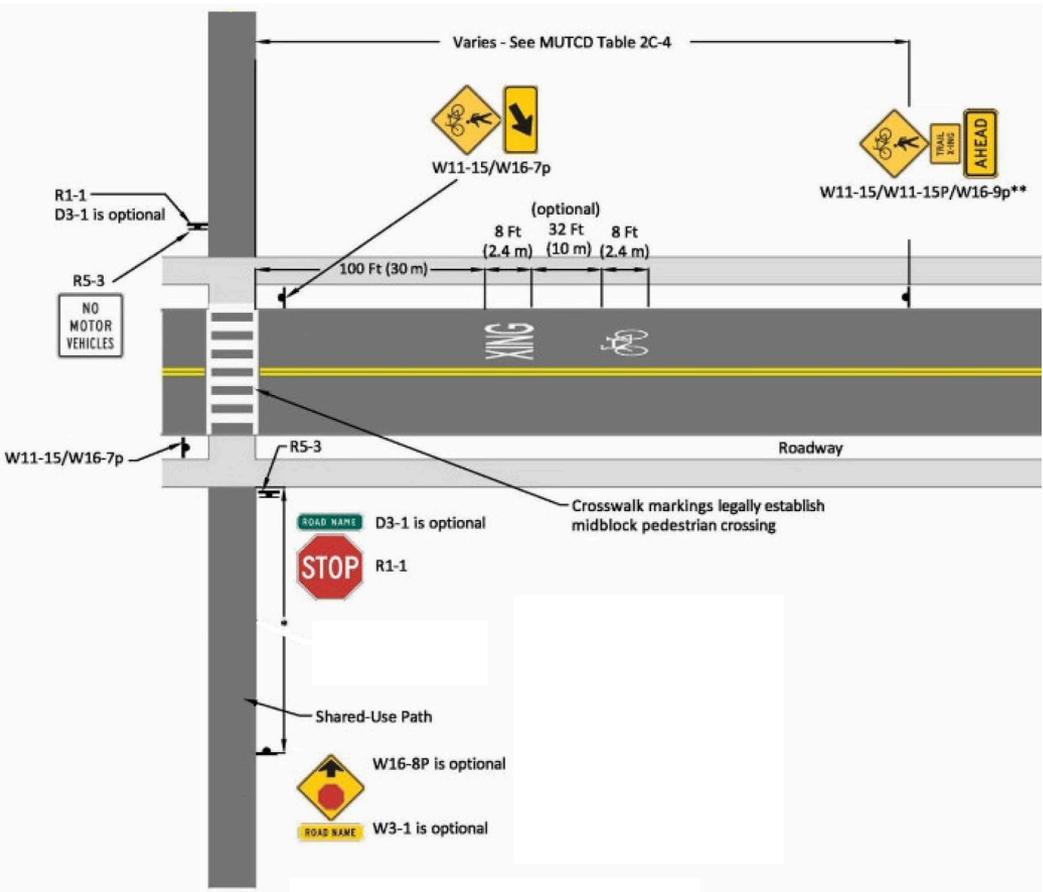
Trail Route



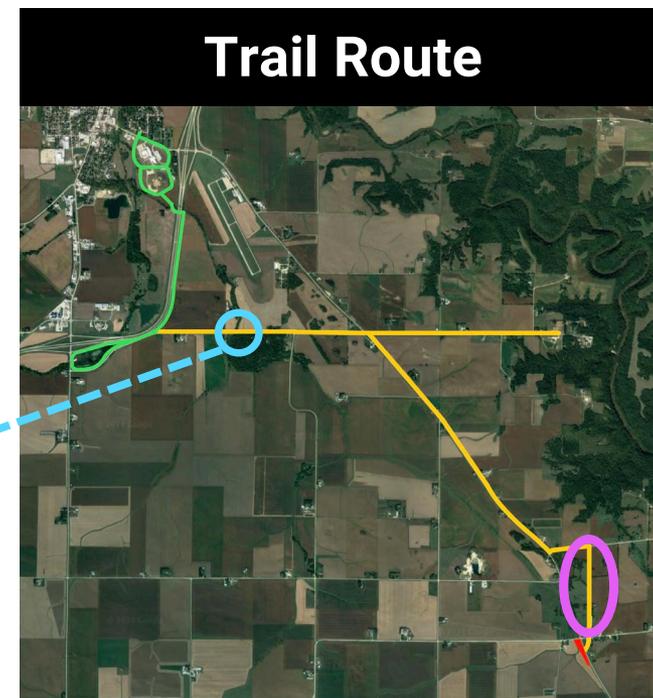
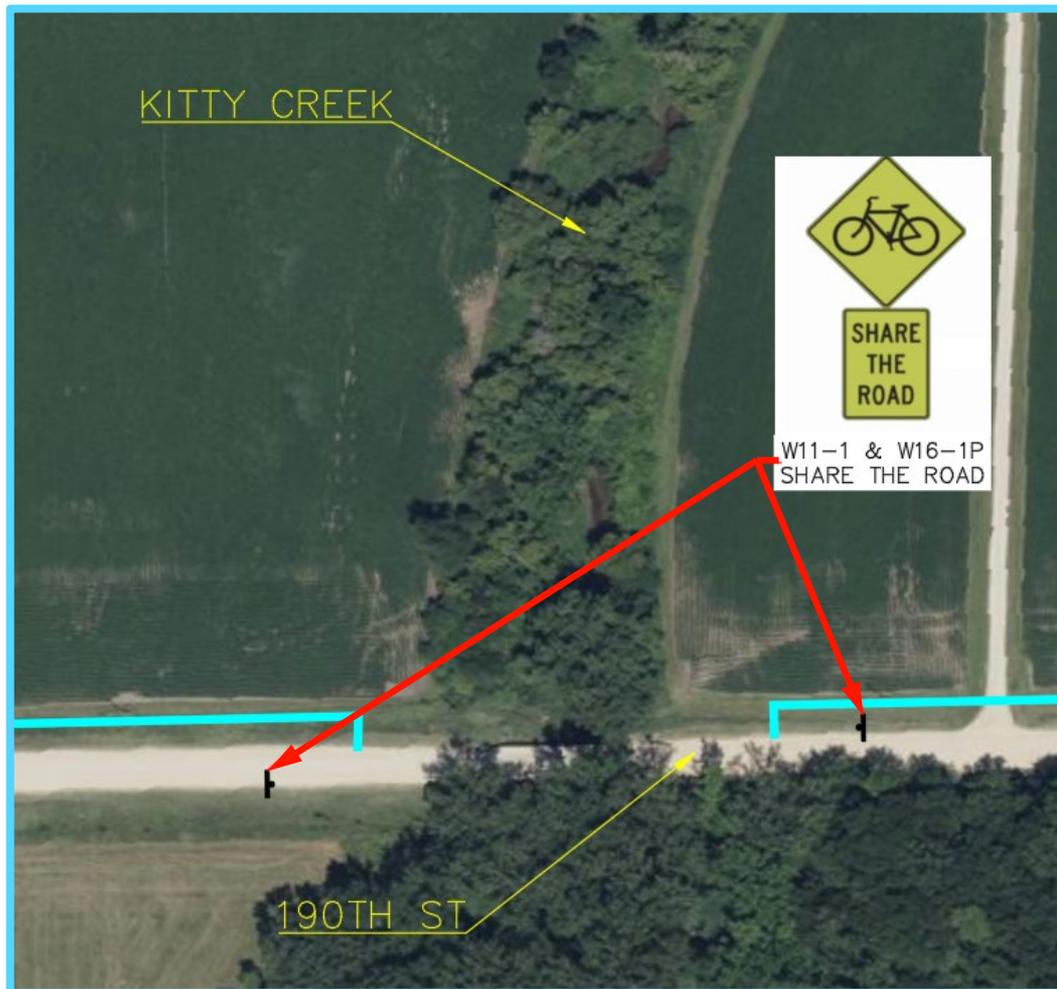


Signage & Markings

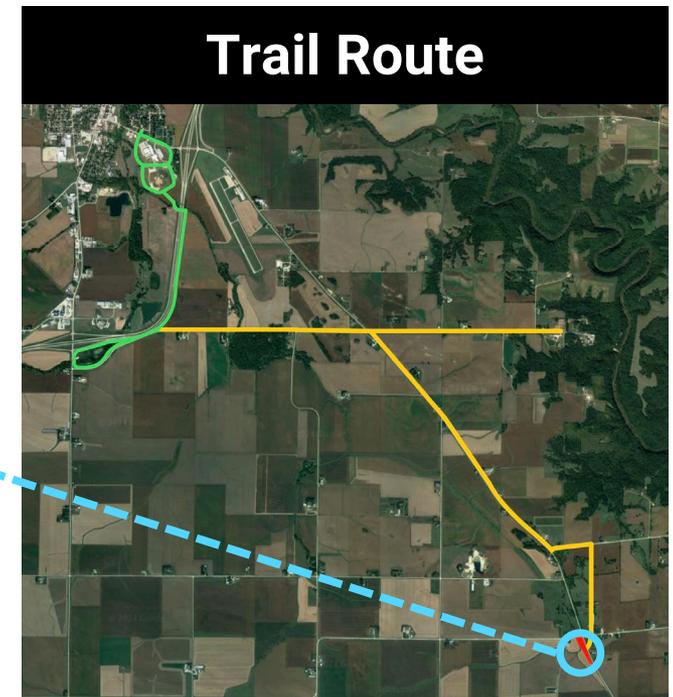
Typical Crossing

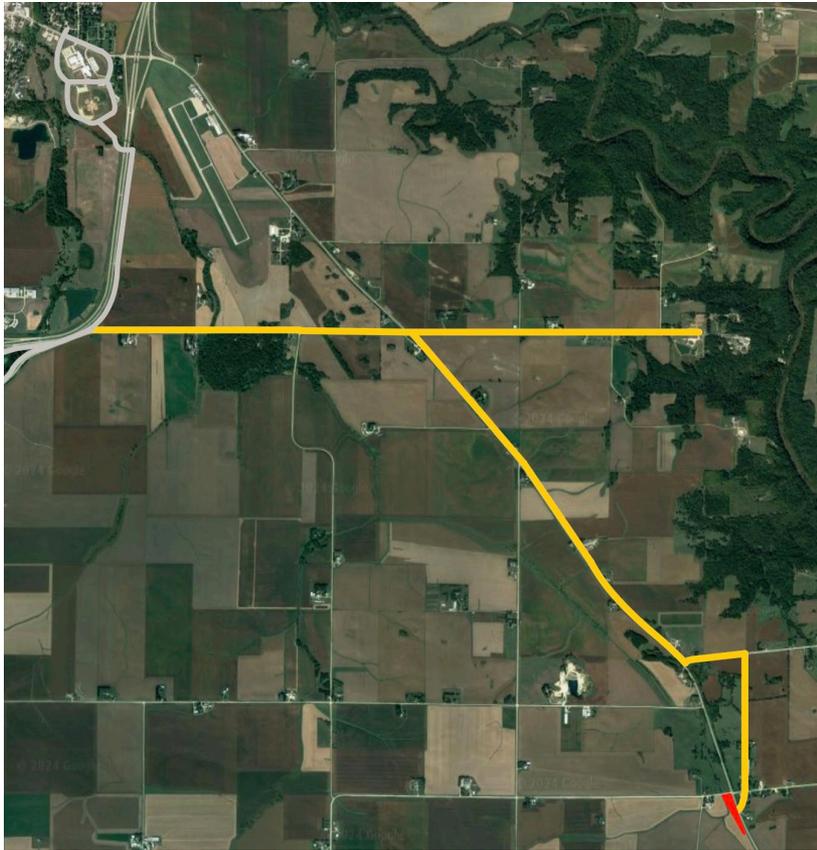


Signage: *Unique Locations*



Signage: *Unique Locations*





Cost:
Alternate 2

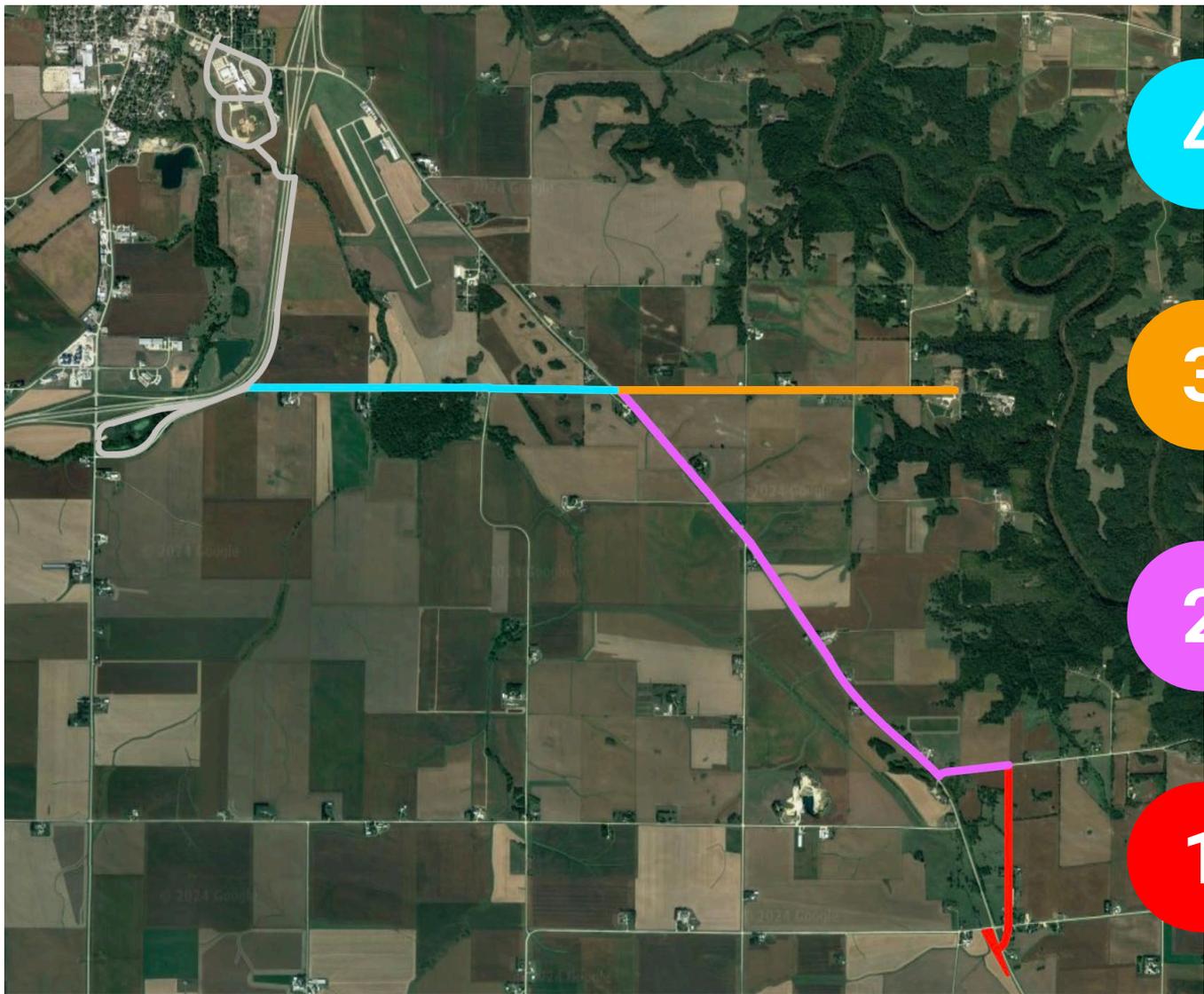
Recommended Materials



Compacted Stone



Asphalt



Construction Phasing

Cost Estimate

<u>CONSTRUCTION COSTS</u>	
TRAILHEAD: 5" ASPHALT	\$ 235,553.00
PHASE 1: TRAILHEAD TO END OF 116TH AVE:	
5" PCC (OPTION 1)	\$ 245,293.00
5" ASPHALT (OPTION 2)	\$ 244,918.00
6" CLASS A COMPACTED STONE (OPTION 3)	\$ 240,158.00
PHASE 2: END OF 116TH TO INTERSECTION OF 38TH AND 190TH	
5" PCC (OPTION 1)	\$1,187,450.00
5" ASPHALT (OPTION 2)	\$1,140,450.00
6" CLASS A COMPACTED STONE (OPTION 3)	\$ 560,950.00
PHASE 3: INTERSECTION OF 38TH AND 190TH TO CAMP COURAGEOUS	
5" PCC (OPTION 1)	\$1,077,150.00
5" ASPHALT (OPTION 2)	\$1,030,150.00
6" CLASS A COMPACTED STONE (OPTION 3)	\$ 450,650.00
PHASE 4: CONNECTION TO MONTICELLO TRAIL	
5" PCC (OPTION 1)	\$ 802,350.00
5" ASPHALT (OPTION 2)	\$ 772,350.00
6" CLASS A COMPACTED STONE (OPTION 3)	\$ 405,850.00
<u>TOTAL COST FOR SELECTED MATERIAL: 6" CLASS A COMPACTED STONE</u>	
CONSTRUCTION SUBTOTAL:	\$1,657,500.00
ENGINEERING AND ADMINISTRATION:	\$ 66,500.00
CONTINGENCIES:	\$ 298,500.00
TOTAL PROJECT COST:	\$2,022,500.00

Questions?

