

Chichaqua Valley Trail Redesign, Food Truck Park, & Lincoln St. Extension Bondurant, Iowa

Teddy Kaepfel
Jordan Utesch
Jacob Peterson
Bradley Beadle

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Teddy Kaepfel



Project Manager
Abutment Design
Conceptual Renderings

Jordan Utesch



Civil3D Drawing Set
Cost Estimation

Bradley Beadle



Stream Analysis
Rip Rap Design

Jacob Peterson



Arboretum Design
Cost Estimation

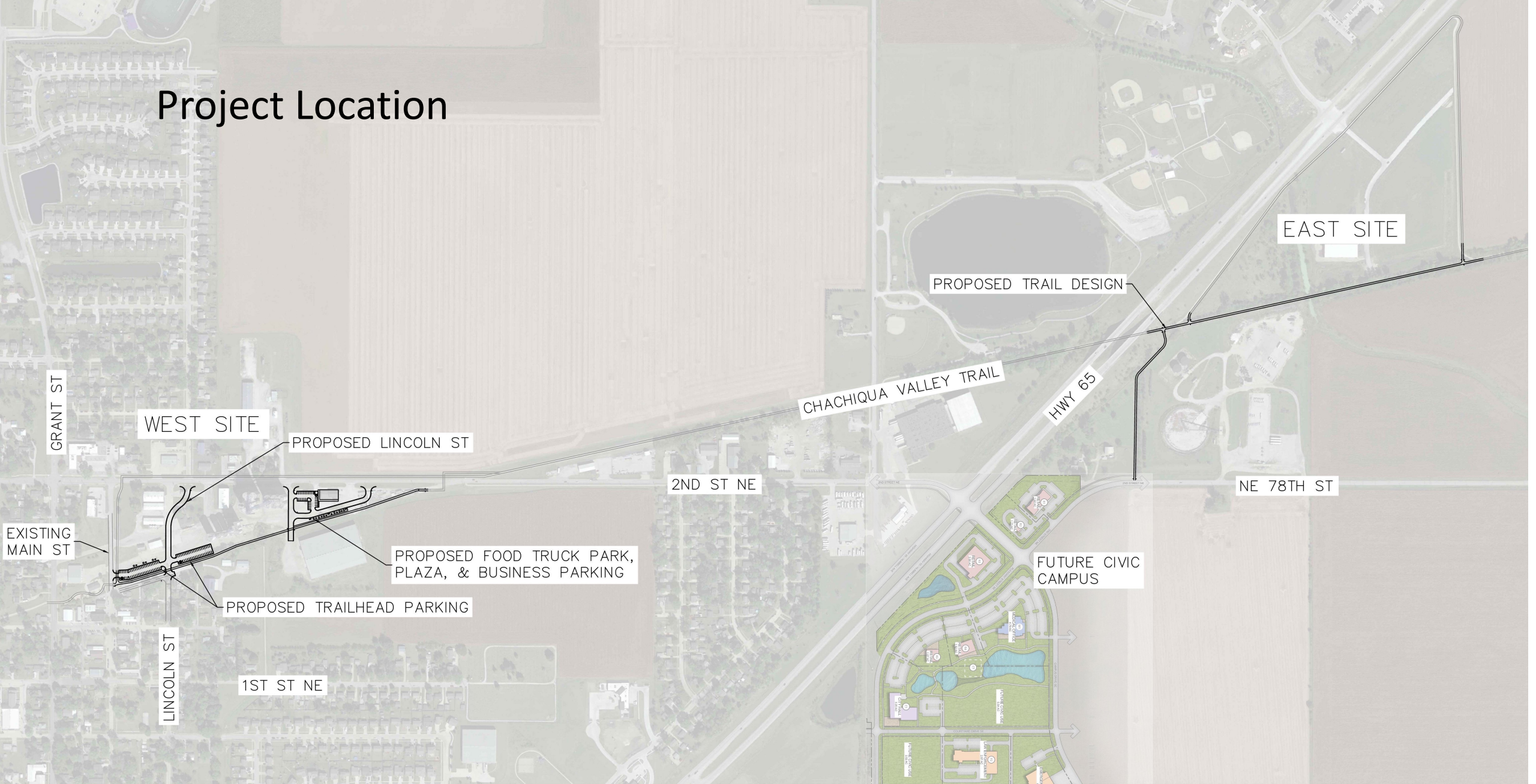


Bondurant

IA



Project Location



EAST SITE

PROPOSED TRAIL DESIGN

CHACHIQUA VALLEY TRAIL

HWY 65

WEST SITE

PROPOSED LINCOLN ST

2ND ST NE

NE 78TH ST

PROPOSED FOOD TRUCK PARK,
PLAZA, & BUSINESS PARKING

FUTURE CIVIC
CAMPUS

PROPOSED TRAILHEAD PARKING

1ST ST NE

GRANT ST

LINCOLN ST

EXISTING
MAIN ST

West Site

Overview

FUTURE 2ND ST:
DESIGNED BY OTHERS

EXISTING MAIN ST

EXISTING LINCOLN ST

FUTURE TRUMAN DR:
DESIGNED BY OTHERS

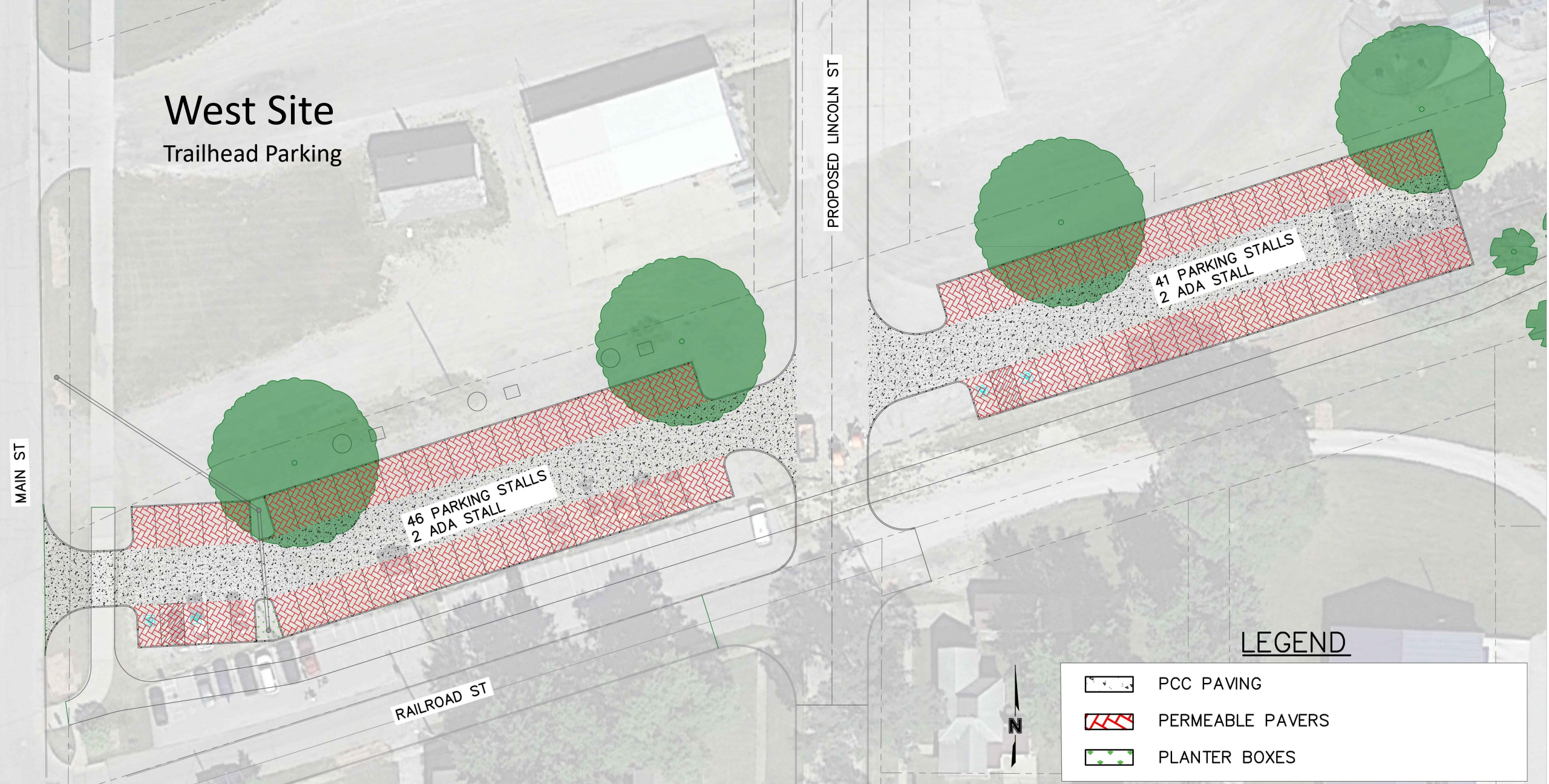
LEGEND

- PROPOSED LINCOLN ST
- PROPOSED STREET & FOOD TRUCK PARK
- PROPOSED PLAZA
- EXISTING RAILROAD ROW
- PROPOSED BUSINESS PARKING
- PROPOSED TRAILHEAD PARKING
- PROPOSED CHICHAQUA VALLEY TRAIL
- PROPOSED ARBORETUM



West Site

Trailhead Parking



MAIN ST




PROPOSED LINCOLN ST

RAILROAD ST

46 PARKING STALLS
2 ADA STALL

41 PARKING STALLS
2 ADA STALL

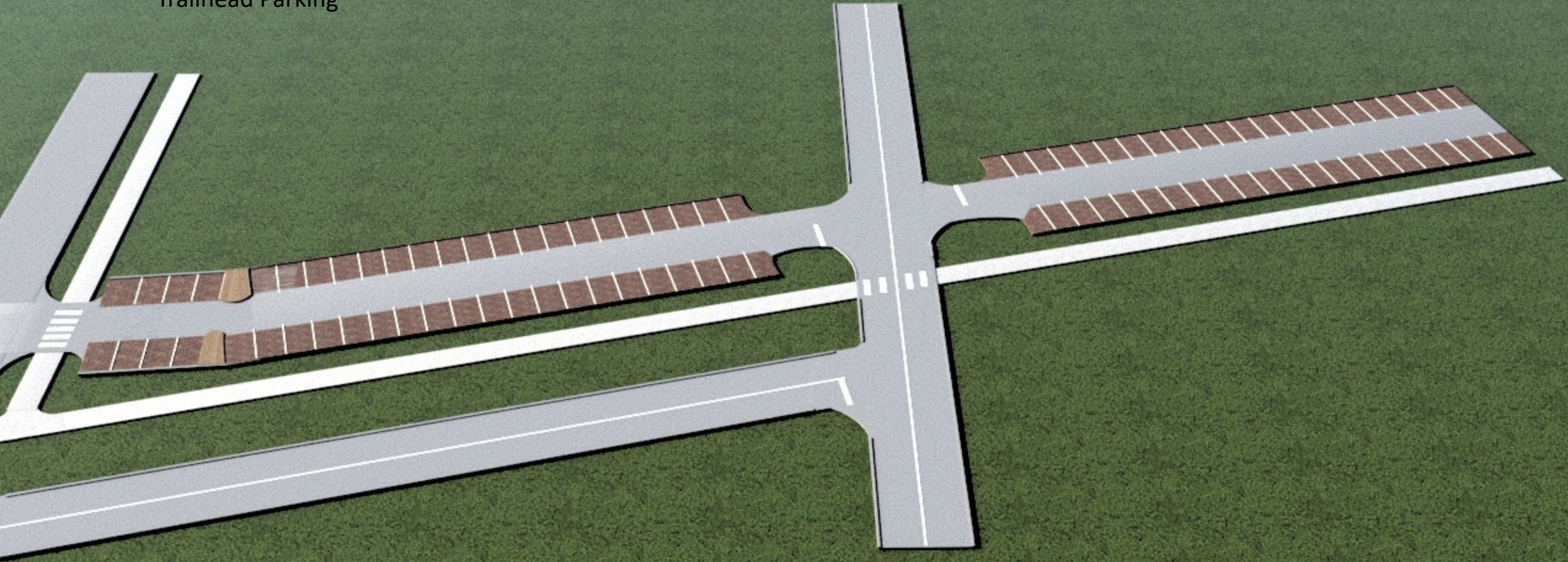
LEGEND

	PCC PAVING
	PERMEABLE PAVERS
	PLANTER BOXES

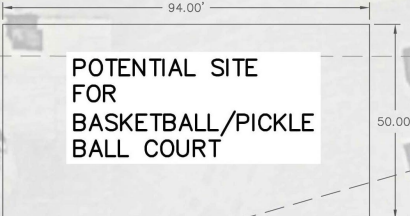


West Site

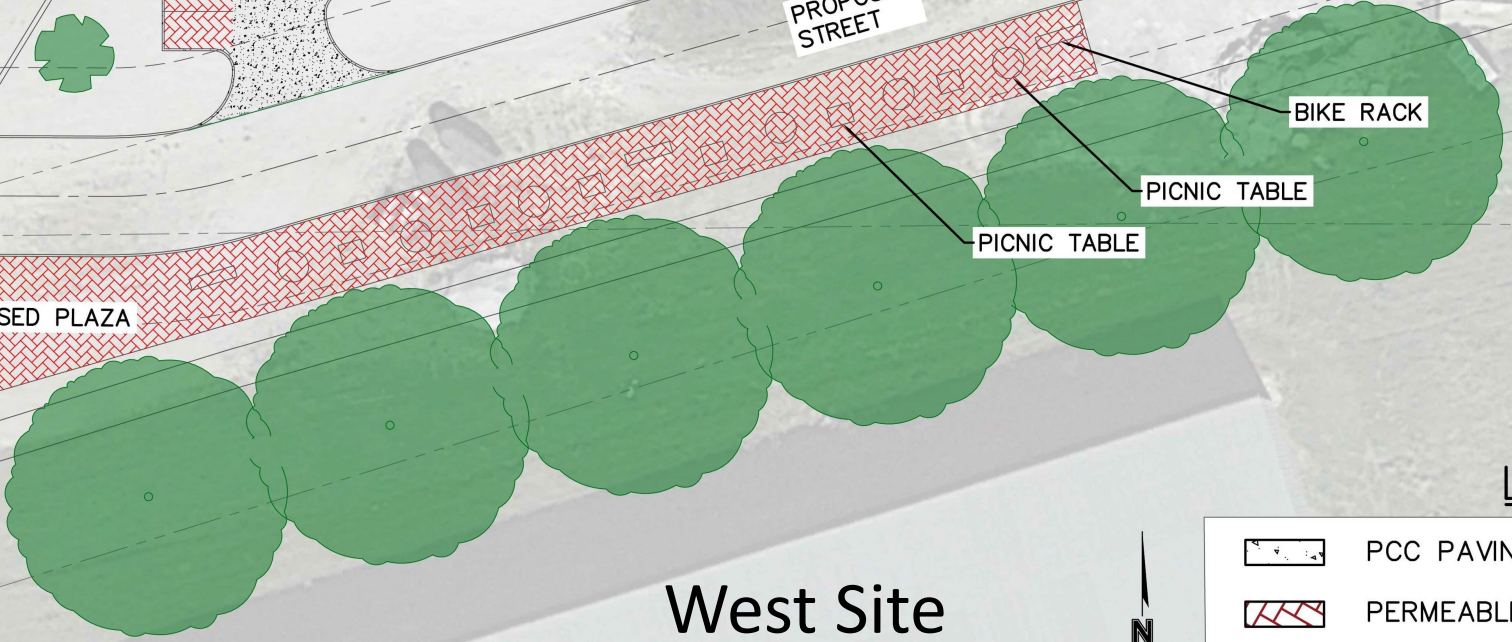
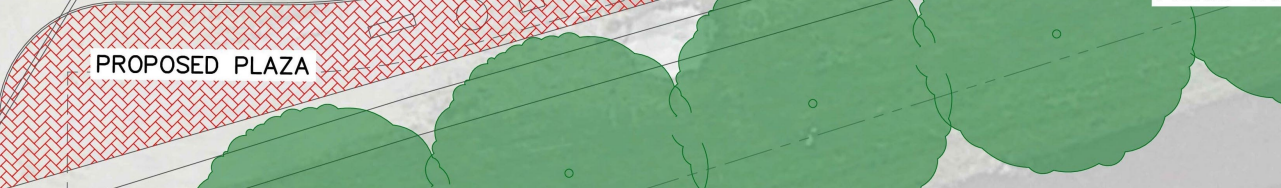
Trailhead Parking



PROPOSED STREET



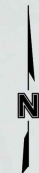
PROPOSED STREET



LEGEND

	PCC PAVING
	PERMEABLE PAVERS
	PLANTER BOXES

West Site
Food Truck Park & Plaza





West Site
Food Truck Park & Plaza



West Site
Food Truck Park & Plaza

West Site Arboretum







FUTURE 2ND ST:
DESIGNED BY OTHERS

FUTURE TRUMAN DR:
DESIGNED BY OTHERS

EXISTING MAIN ST

EXISTING LINCOLN ST

LEGEND

	BLACK OAK
	SHAGBARK HICKORY
	SYCAMORE
	WHITE OAK
	EASTERN REDBUD
	PRAIRIE CRABAPPLE





East Site

HWY 65

EXISTING TRAIL

EXISTING TRAIL

PROPOSED BRIDGE

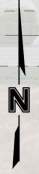
FUTURE CIVIC CAMPUS DESIGNED BY OTHERS

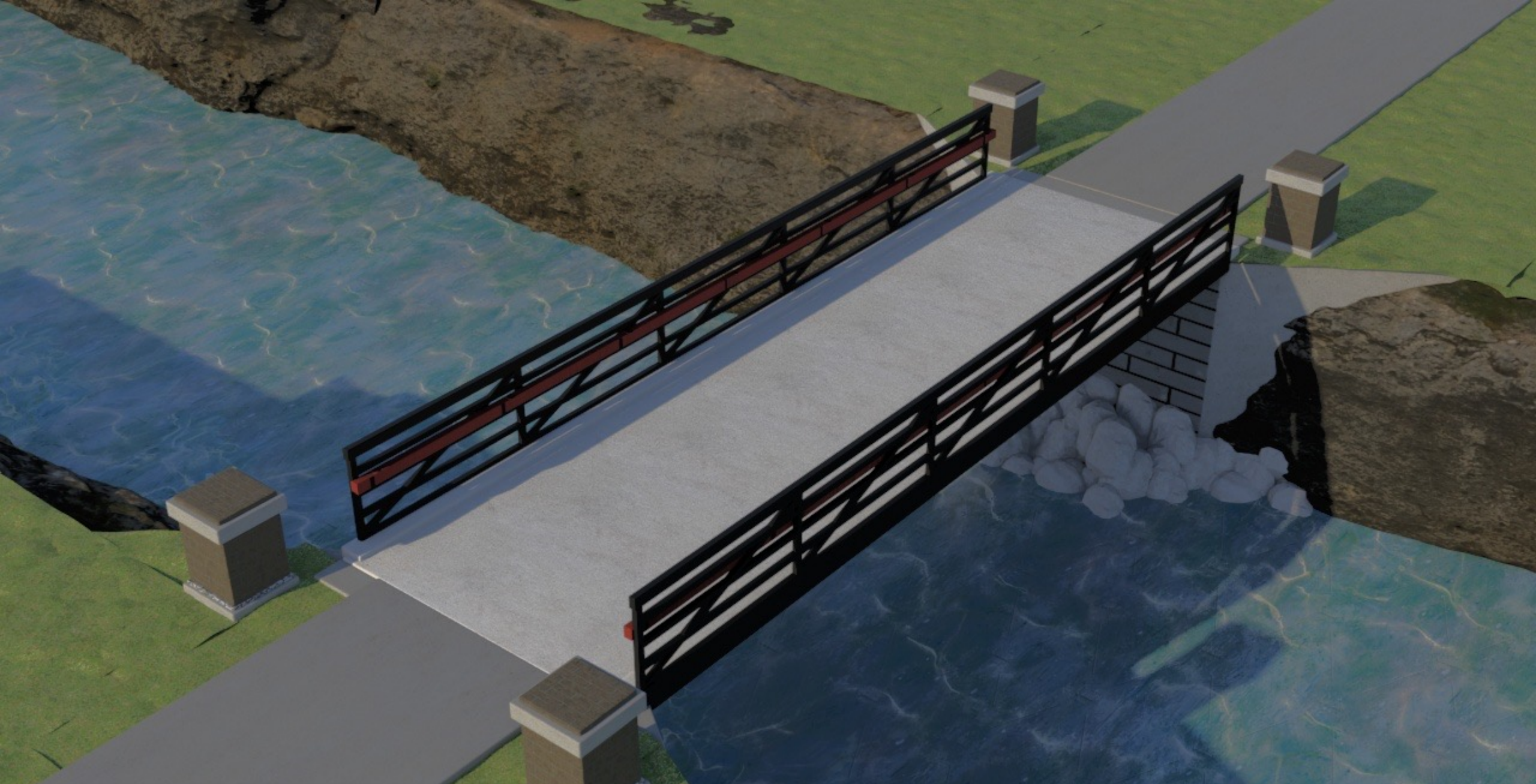
2ND STREET NE

R1
RETAIL
1.92 AC

LEGEND

- PROPOSED PRE-FAB BRIDGE
- PROPOSED CHACHIQUA VALLEY TRAIL

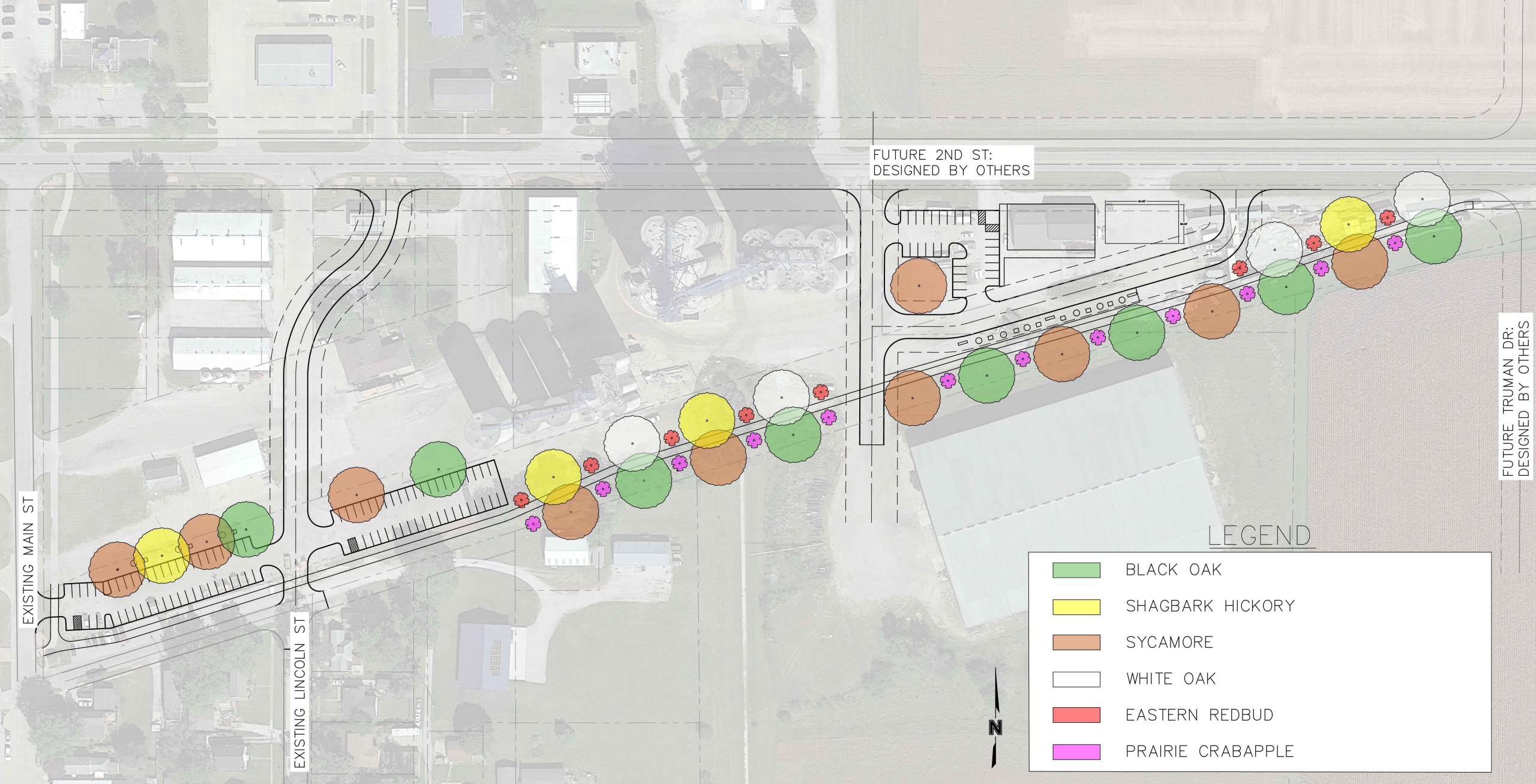




Preliminary Opinion of Probable Cost	
Chichaqua Valley Trail Redesign, Food Truck Park, & Lincoln St Extension	
Bondurant, Iowa	
WEST SITE	
ROAD PAVING	\$ 500,000.00
BIKE TRAIL PAVING	\$ 458,000.00
PARKING LOT	\$ 671,000.00
STORM SEWER SYSTEM	\$ 118,000.00
ARBORETUM COST	\$ 20,000.00
10% CONTINGENCY (WEST SITE)	\$ 177,000.00
WEST SITE SUBTOTAL	\$ 1,944,000.00
EAST SITE	
BIKE TRAIL PAVING	\$ 394,000.00
BRIDGE & ABUTMENTS	\$ 391,000.00
STORM SYSTEM	\$ 11,000.00
10% CONTINGENCY (EAST SITE)	\$ 80,000.00
EAST SITE SUBTOTAL	\$ 876,000.00
TOTAL PROJECT COST	\$ 2,820,000.00

Questions?





EXISTING MAIN ST

EXISTING LINCOLN ST

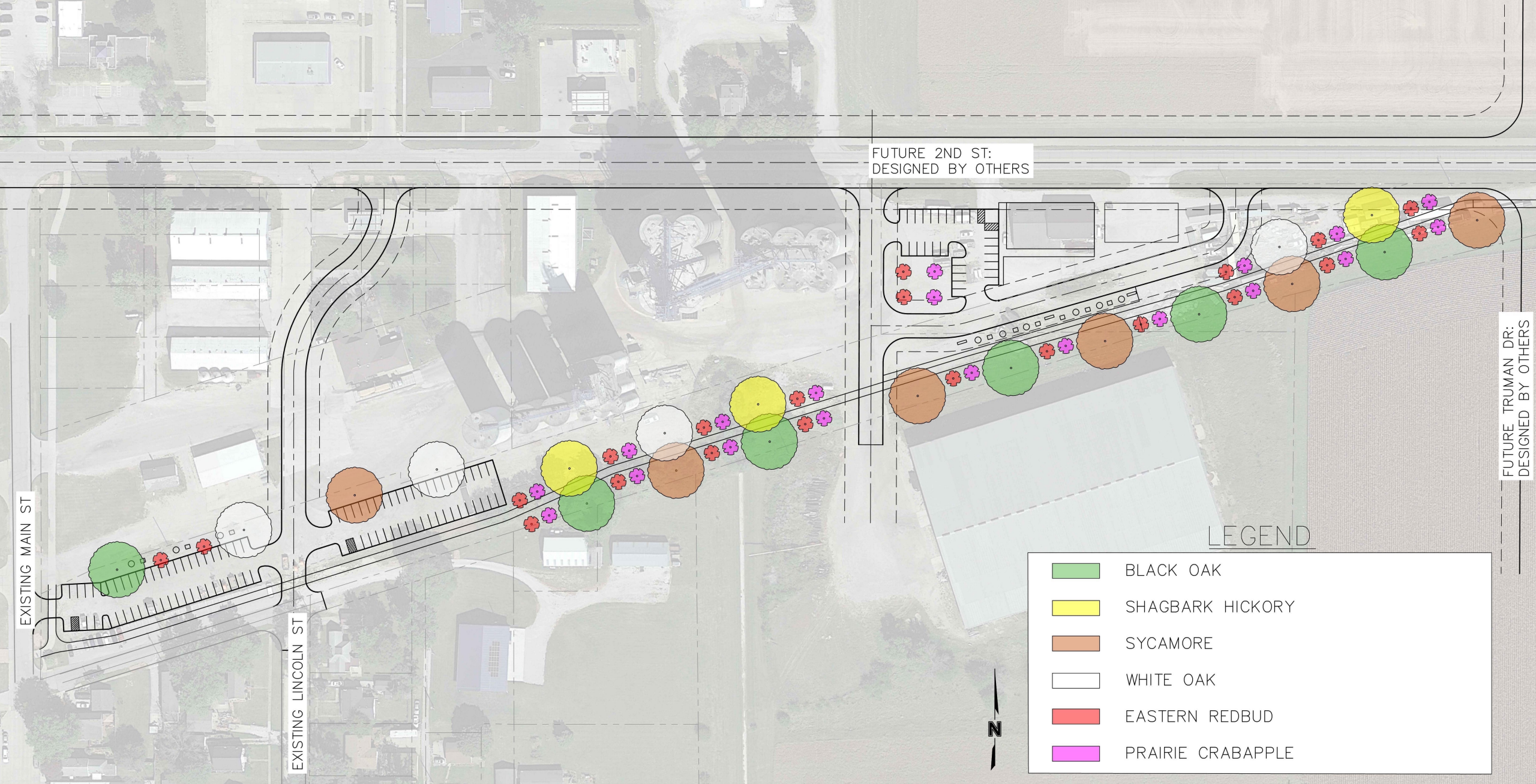
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