





APPENDICES



APPENDIX A: PROJECT LOCATION MAPS





	<p>Chemung River Greenway, Chemung and Steuben Counties, New York Three Rivers Economic Development</p>	
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Project Area

FIGURE A.1
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Project Location
USGS Topo

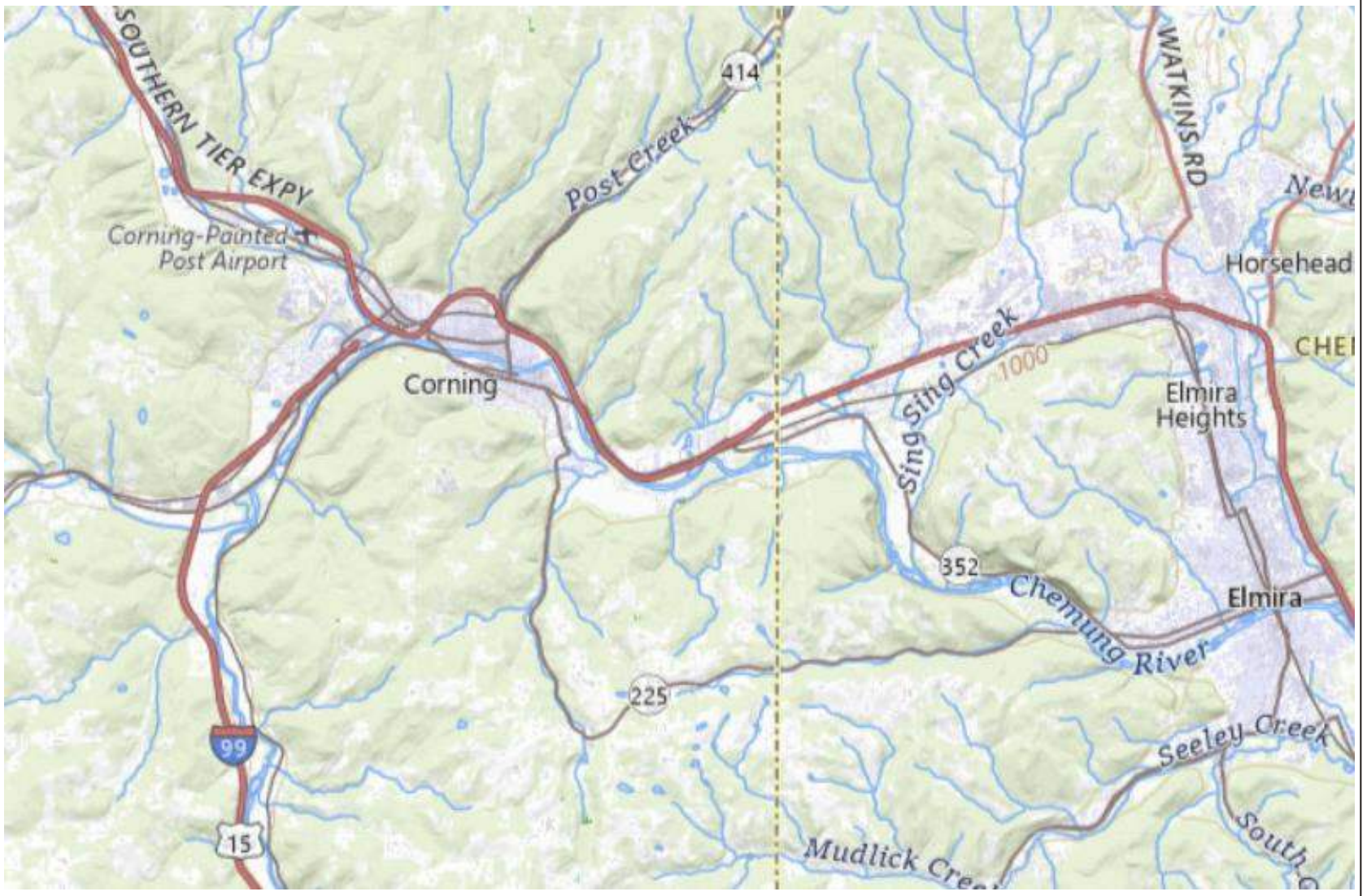


FIGURE A.2
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Chemung River Greenway
Chemung and Steuben Counties, New York
Three Rivers Economic Development



Project Area Map

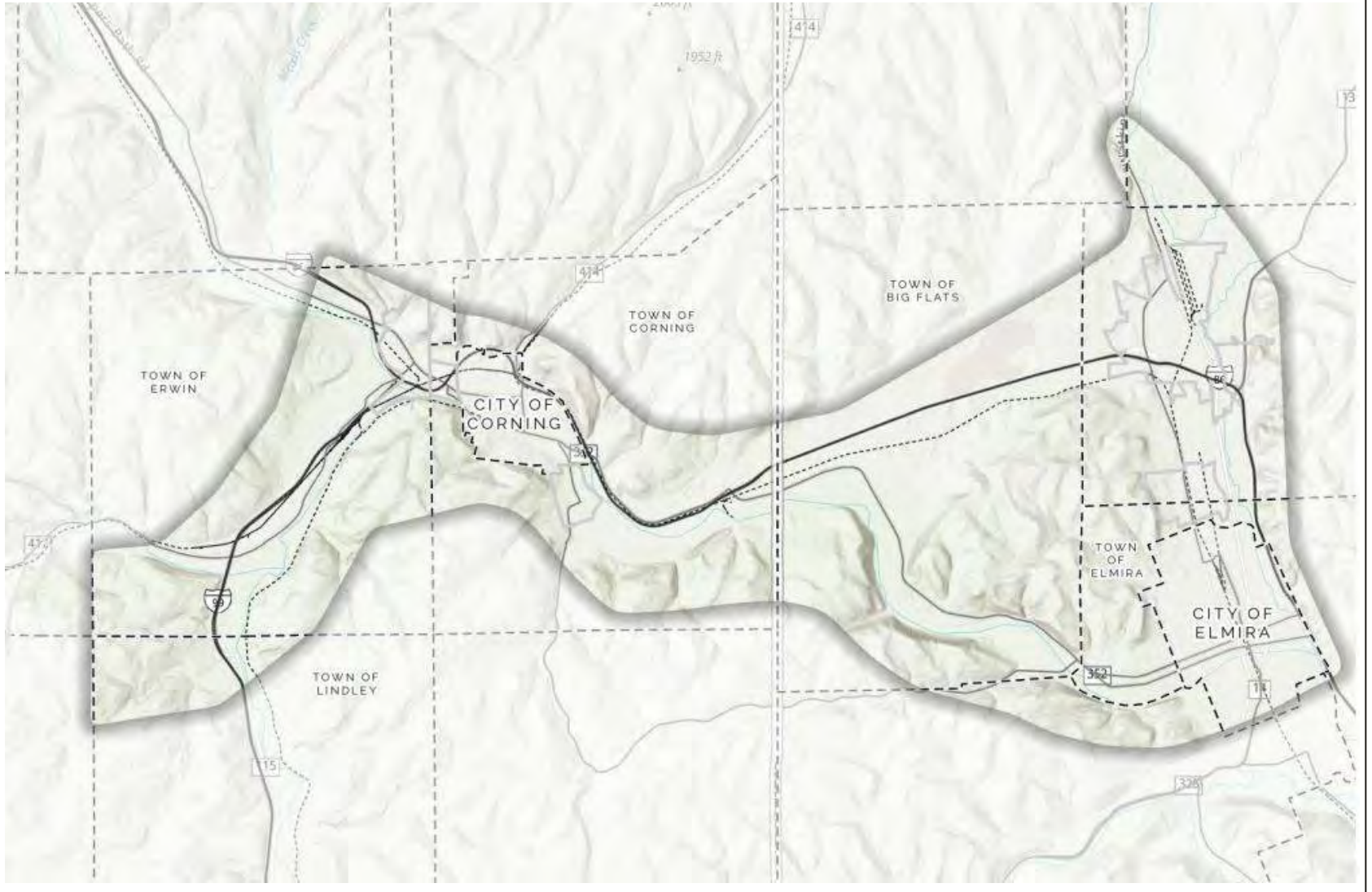


FIGURE A.3
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Chemung River Greenway
Chemung and Steuben Counties, New York
Three Rivers Economic Development



Project Area Existing Trails

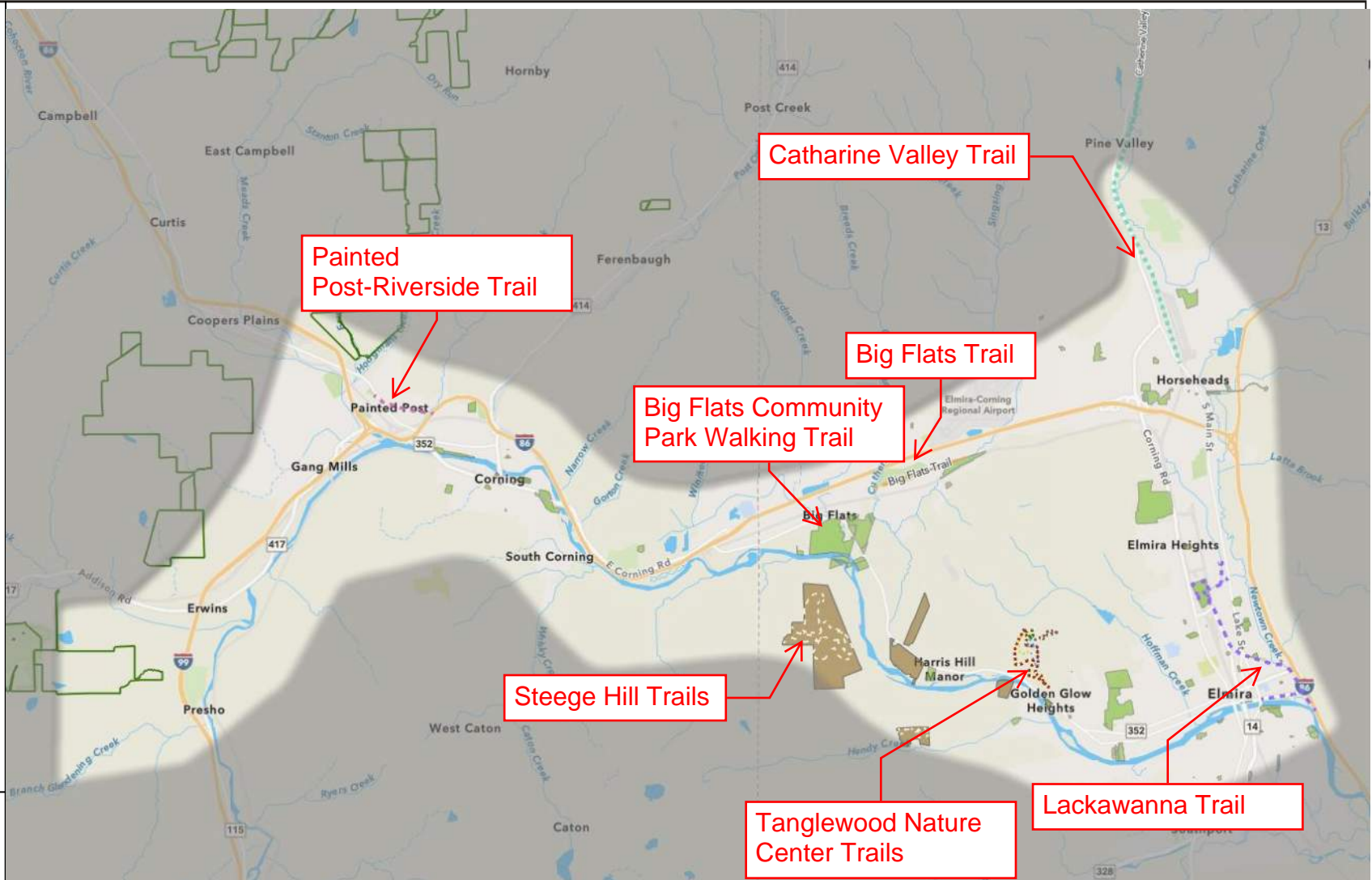


FIGURE A.4
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Chemung River Greenway
Chemung and Steuben Counties, New York
Three Rivers Economic Development





**APPENDIX B:
PROJECT AREA
ENVIRONMENTAL MAPS**

Demographic Census Data Map
 2020 Census Demographic Data Map Viewer

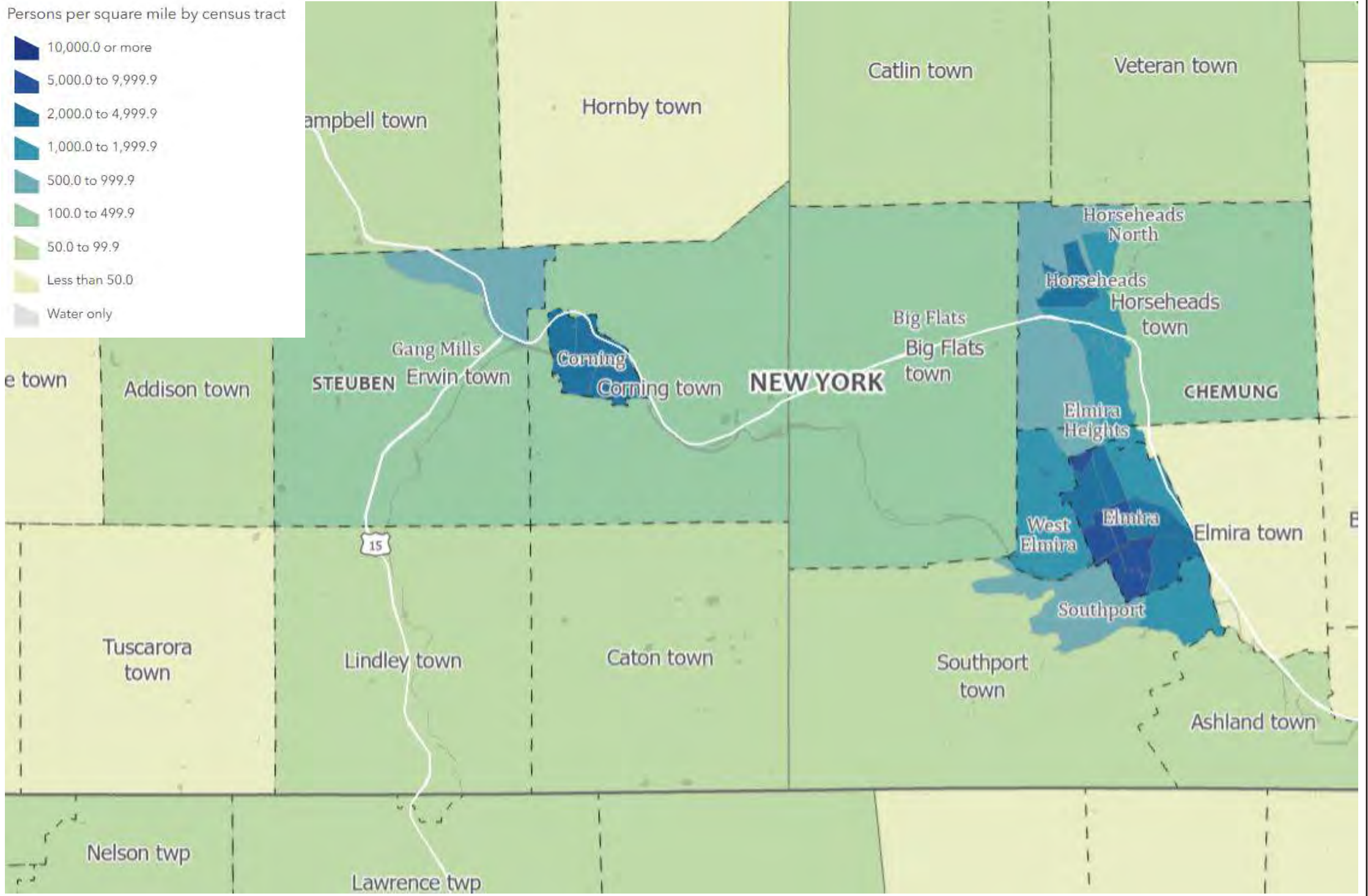


FIGURE B-1
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Chemung River Greenway
 Chemung County and Steuben County, New York
 Three Rivers Economic Development



Electric Utility Corridors
 NYSEG RGE Hosting Capacity Layer (MW)

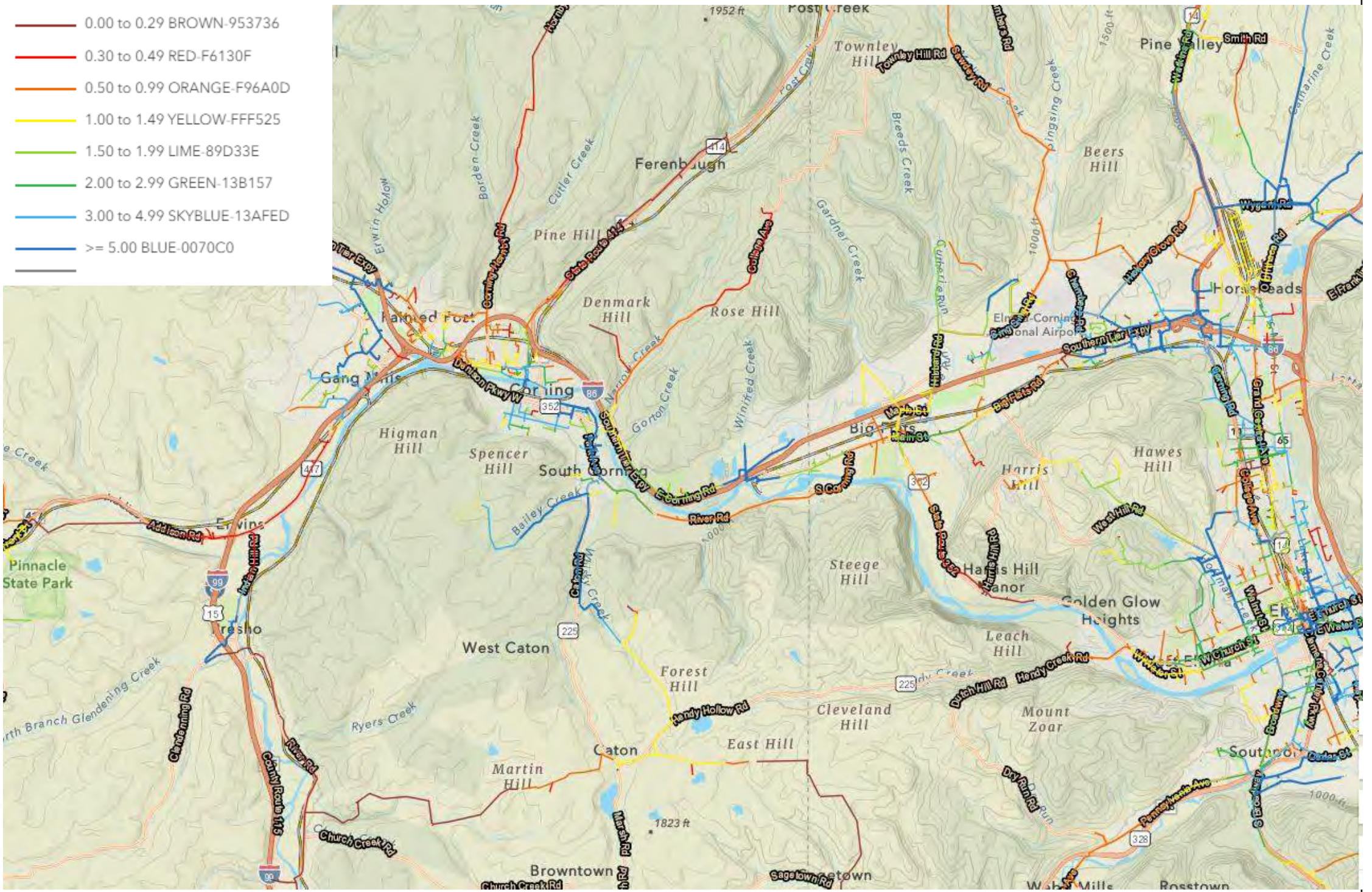



FIGURE B-2
 LaBella 2233983

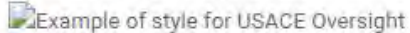



Chemung River Greenway
 Chemung County and Steuben County, New York
 Three Rivers Economic Development

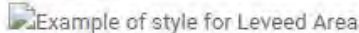


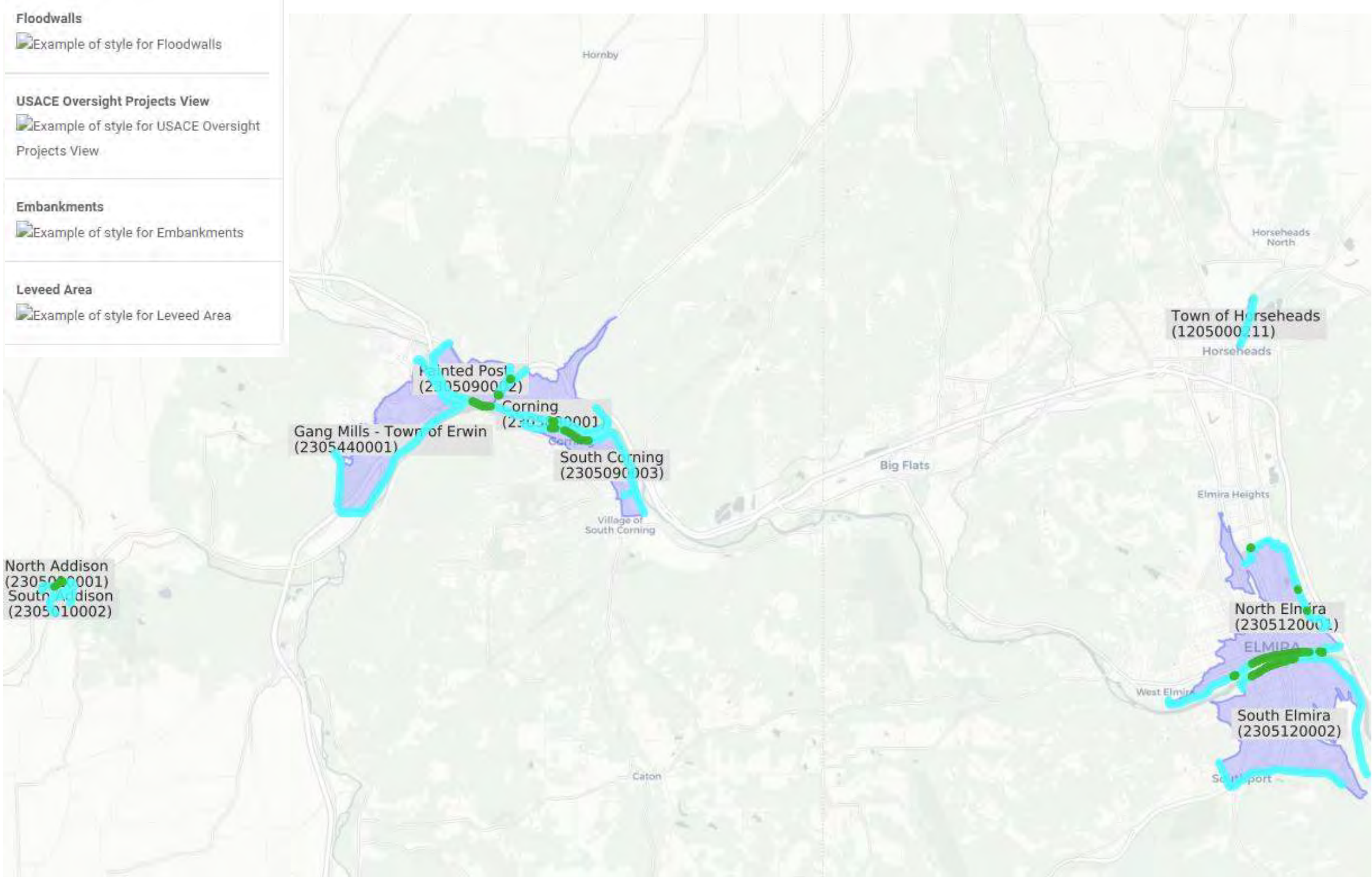
**Levees, Floodwalls, Embankments
USACE National Levee Database**

Floodwalls


USACE Oversight Projects View


Embankments


Leveed Area




**FIGURE B-3
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Chemung River Greenway
 Chemung County and Steuben County, New York
 Three Rivers Economic Development



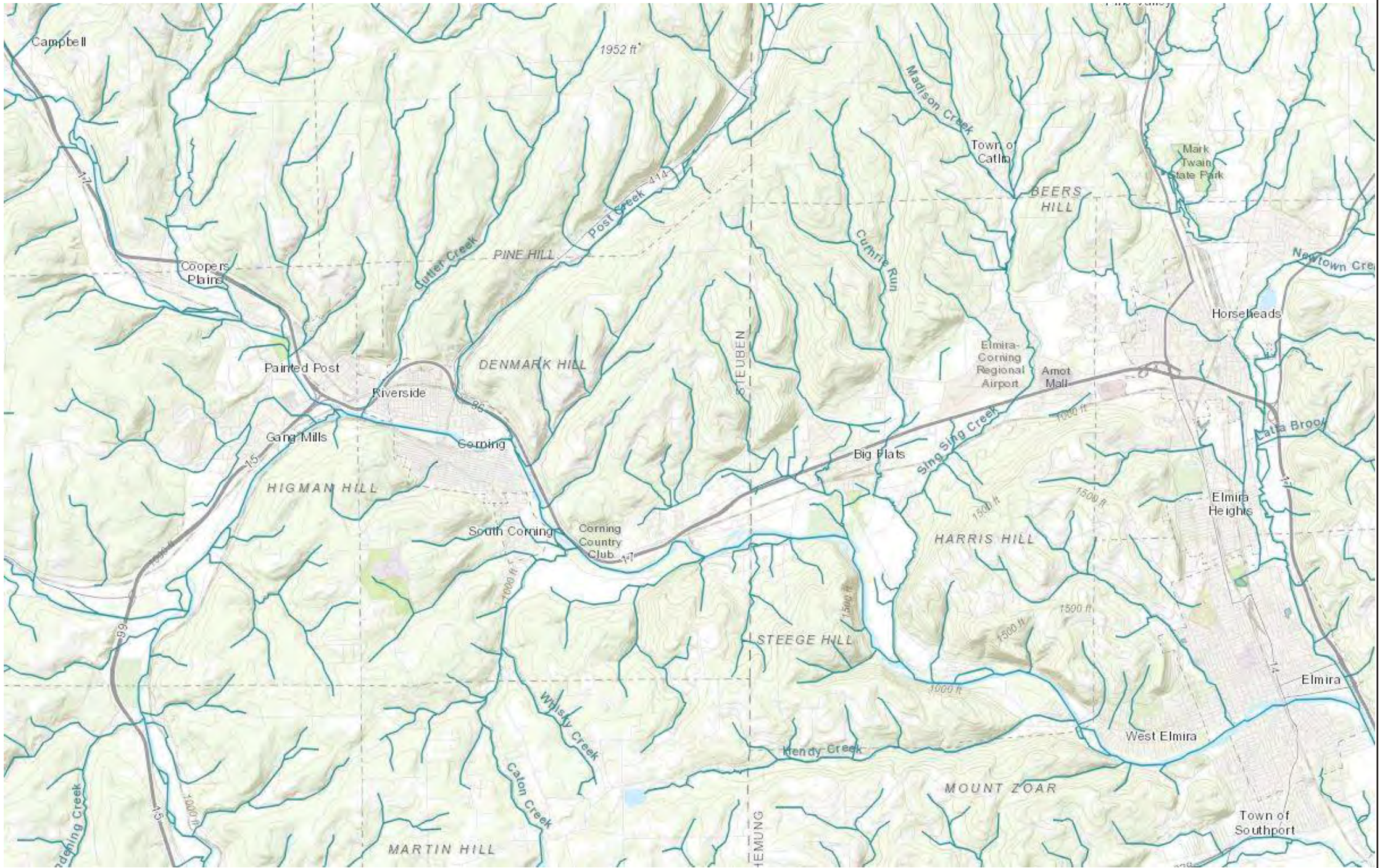


FIGURE B-4
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Floodplains
Flood Development Tool Application, Southern Tier Central

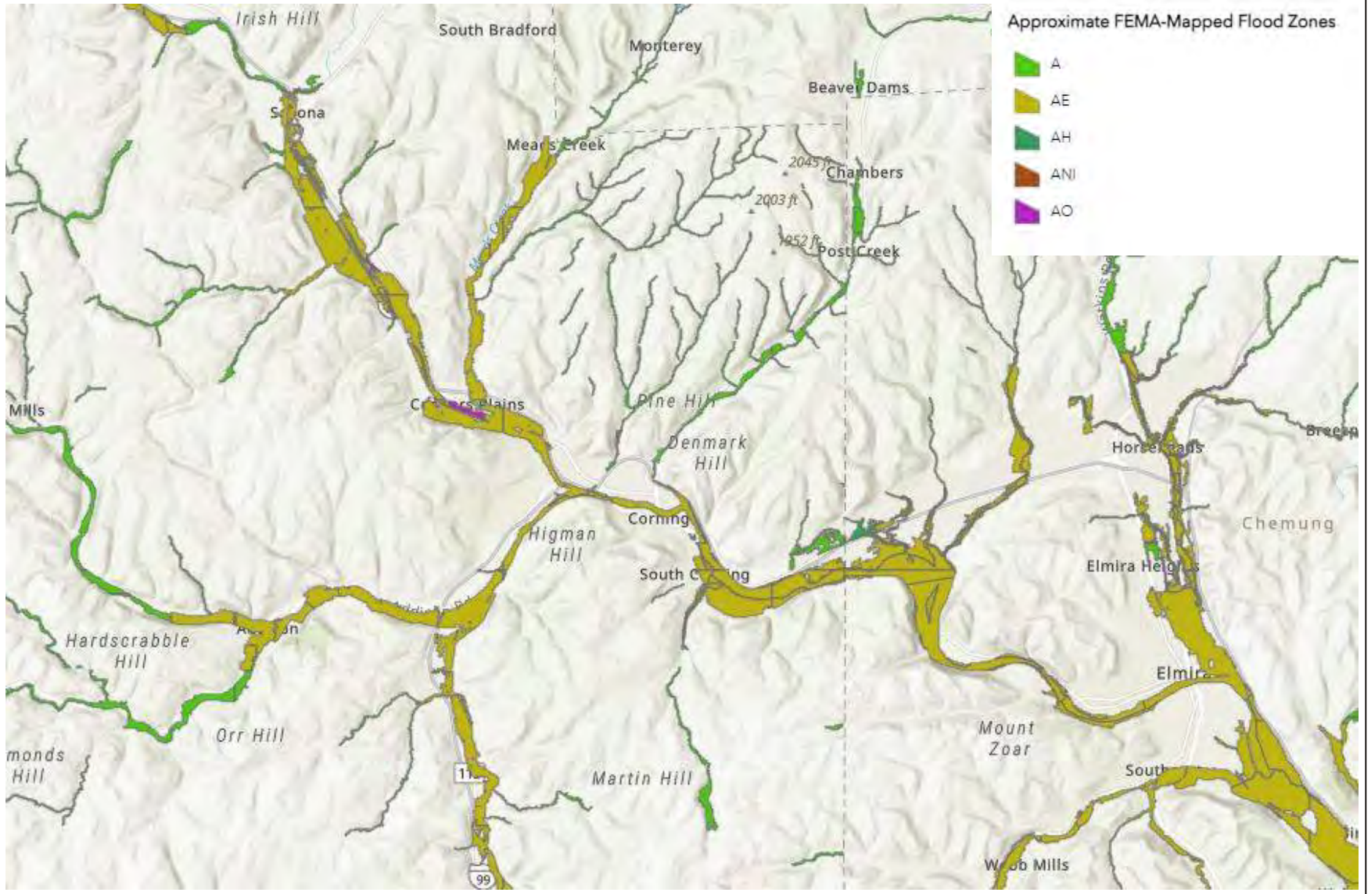


FIGURE B-5
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



- State Regulated Freshwater Wetlands
(Outside of the Adirondack Park)
- State Regulated Wetland Checkzone

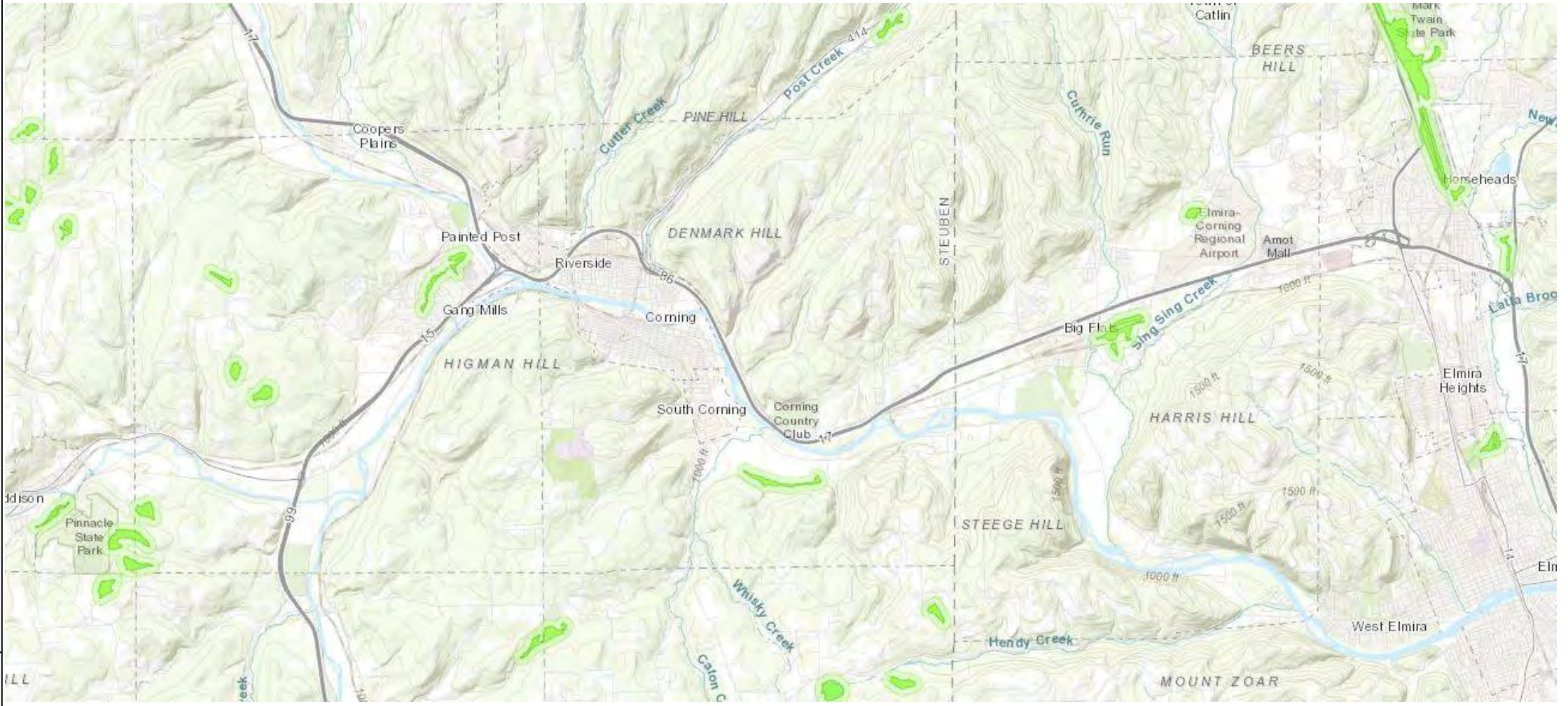


FIGURE B-6
LaBella 2233983



Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development





**APPENDIX C:
SEGMENT AREA MAPS**



Segment 1-A Lackawanna Trail to Pirozzolo Park to
Trolley Trailhead - Second Street

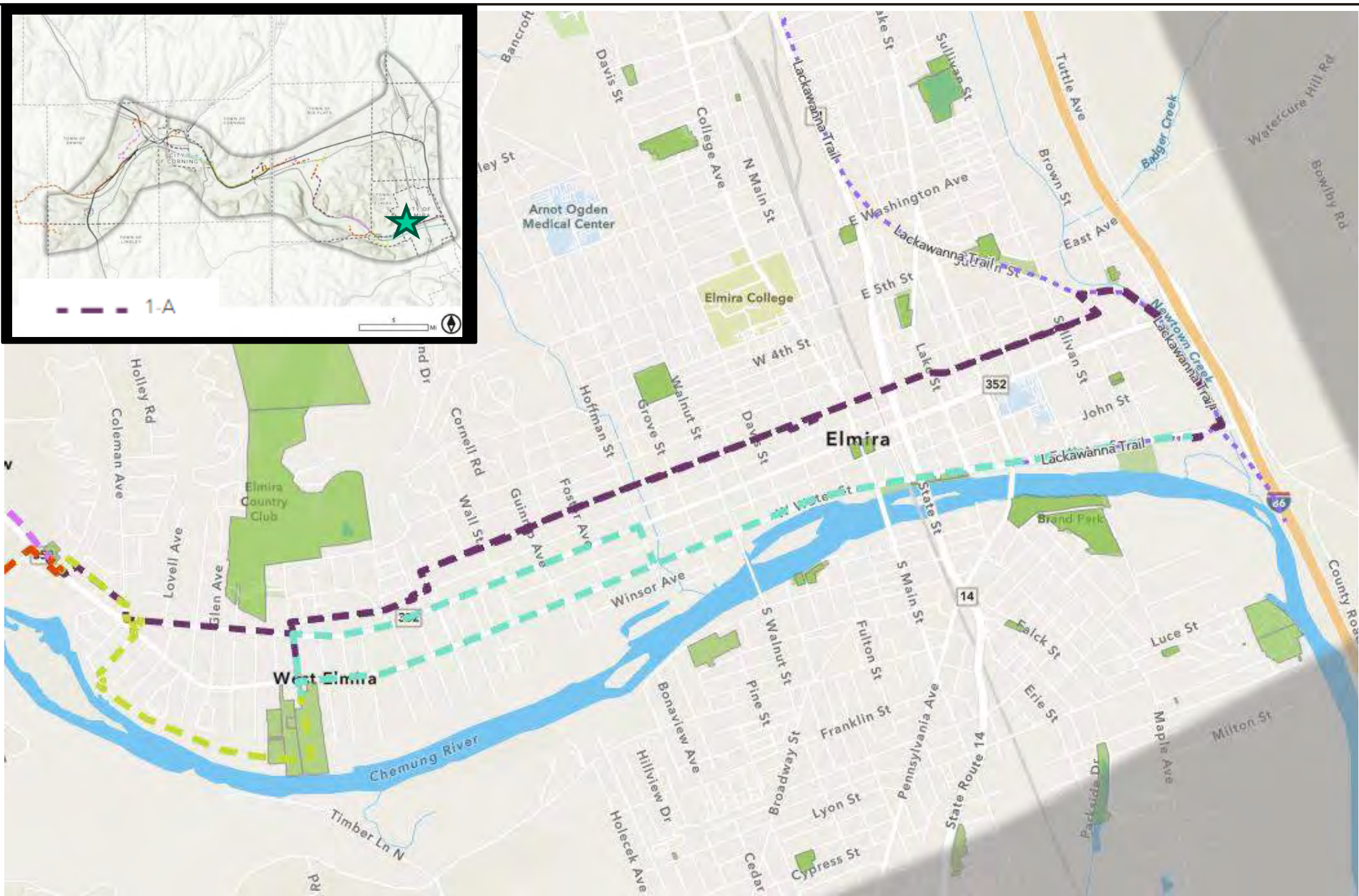


FIGURE C.1-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 1-B Lackawanna Trail to Pirozzolo Park – Bike
Route NY-15

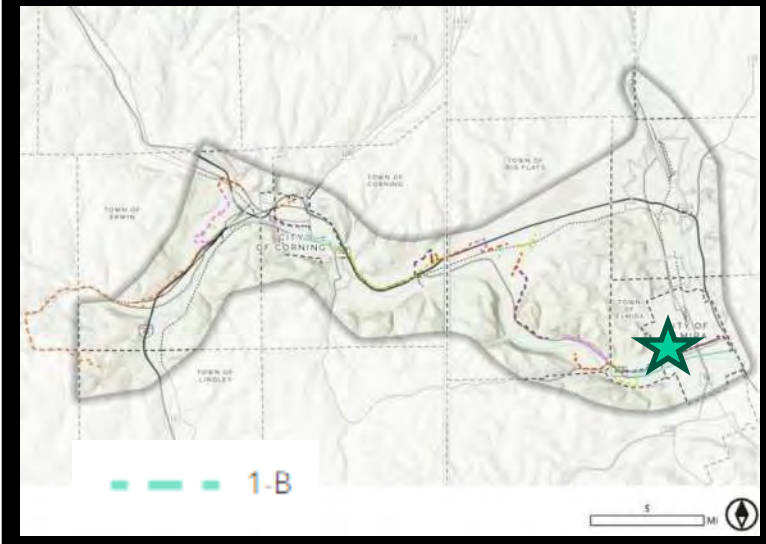


FIGURE C.1-B
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 1-C Pirozzolo Park to Trolley Trailhead -
Riverside

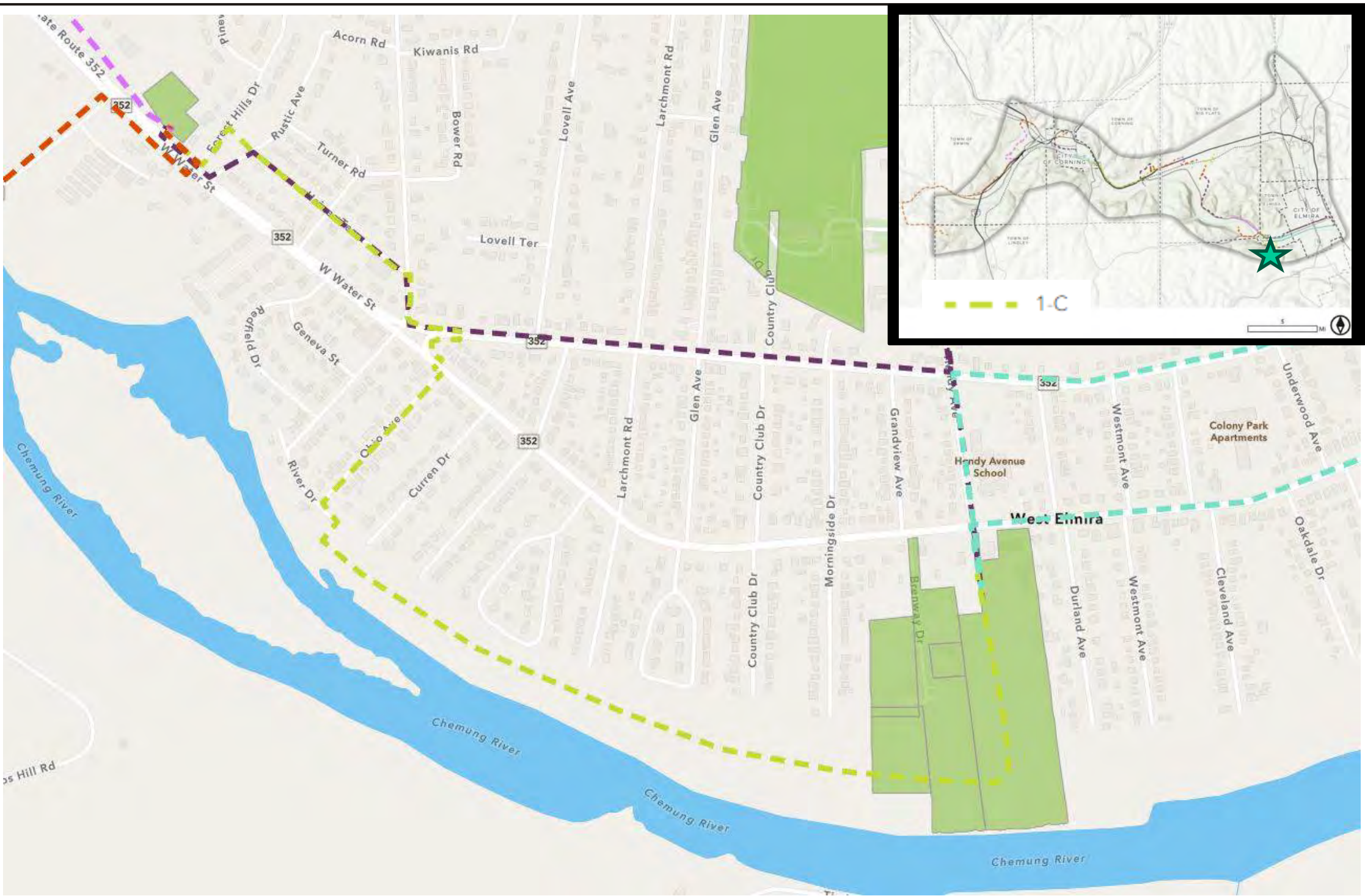


FIGURE C.1-C
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 2-A Trolley Trailhead to The Nature Conservancy Trailhead

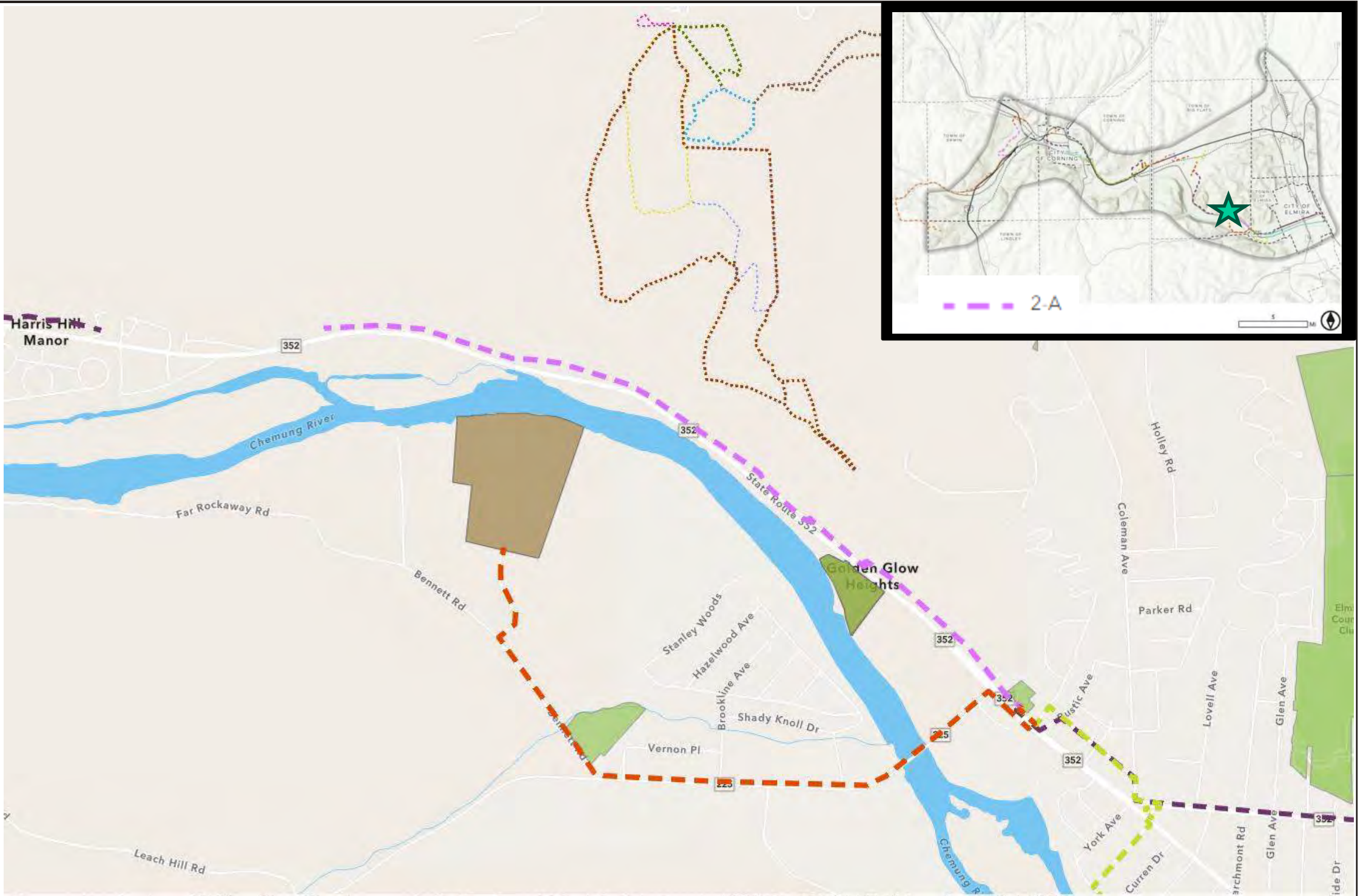


FIGURE C.2-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 2-B Trolley Trailhead to Finger Lakes Land Trust Kehoe Nature Preserve

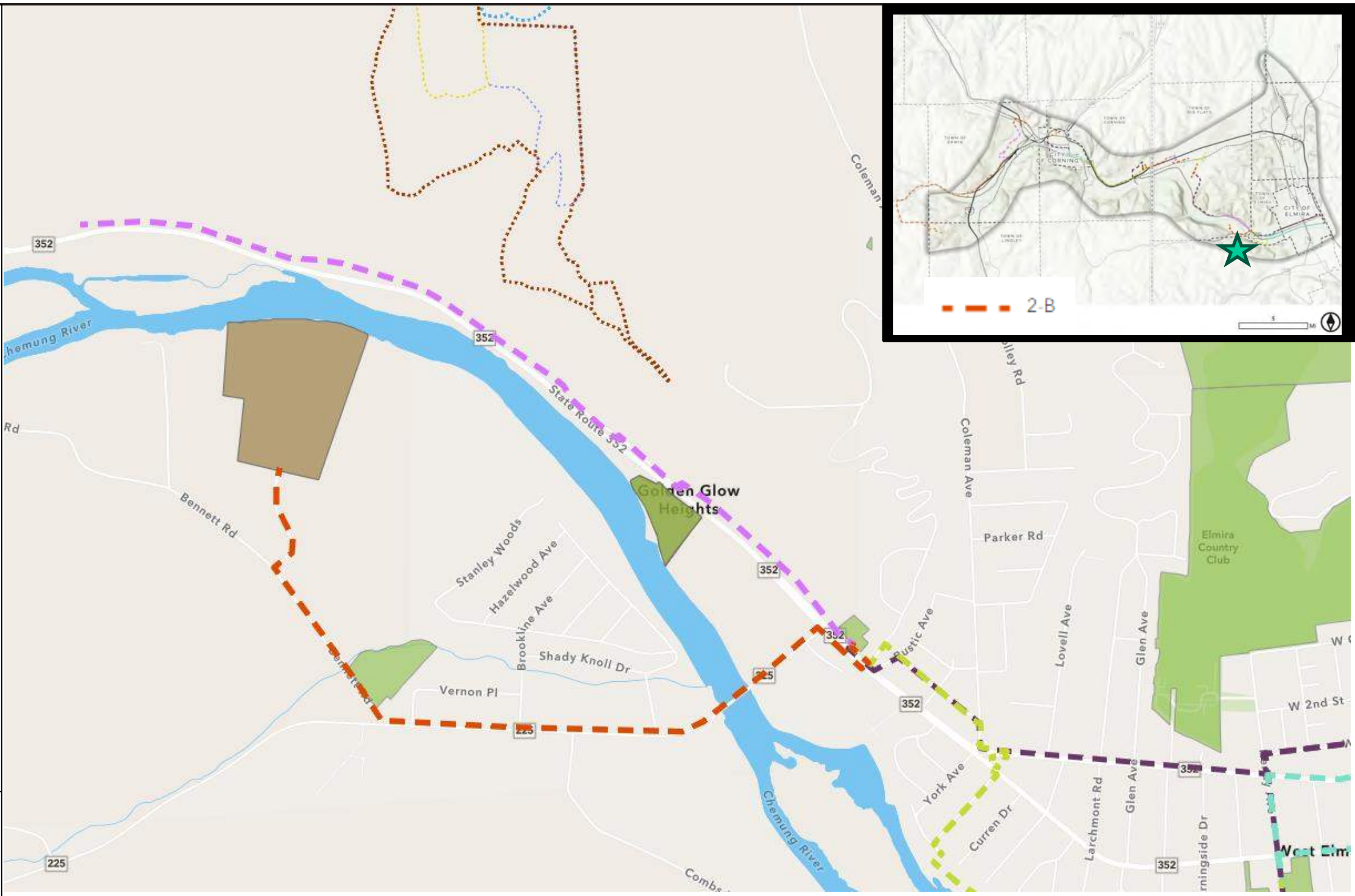


FIGURE C-2-B
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 4-A Big Flats Trailhead to Carpenter Road
Trailhead

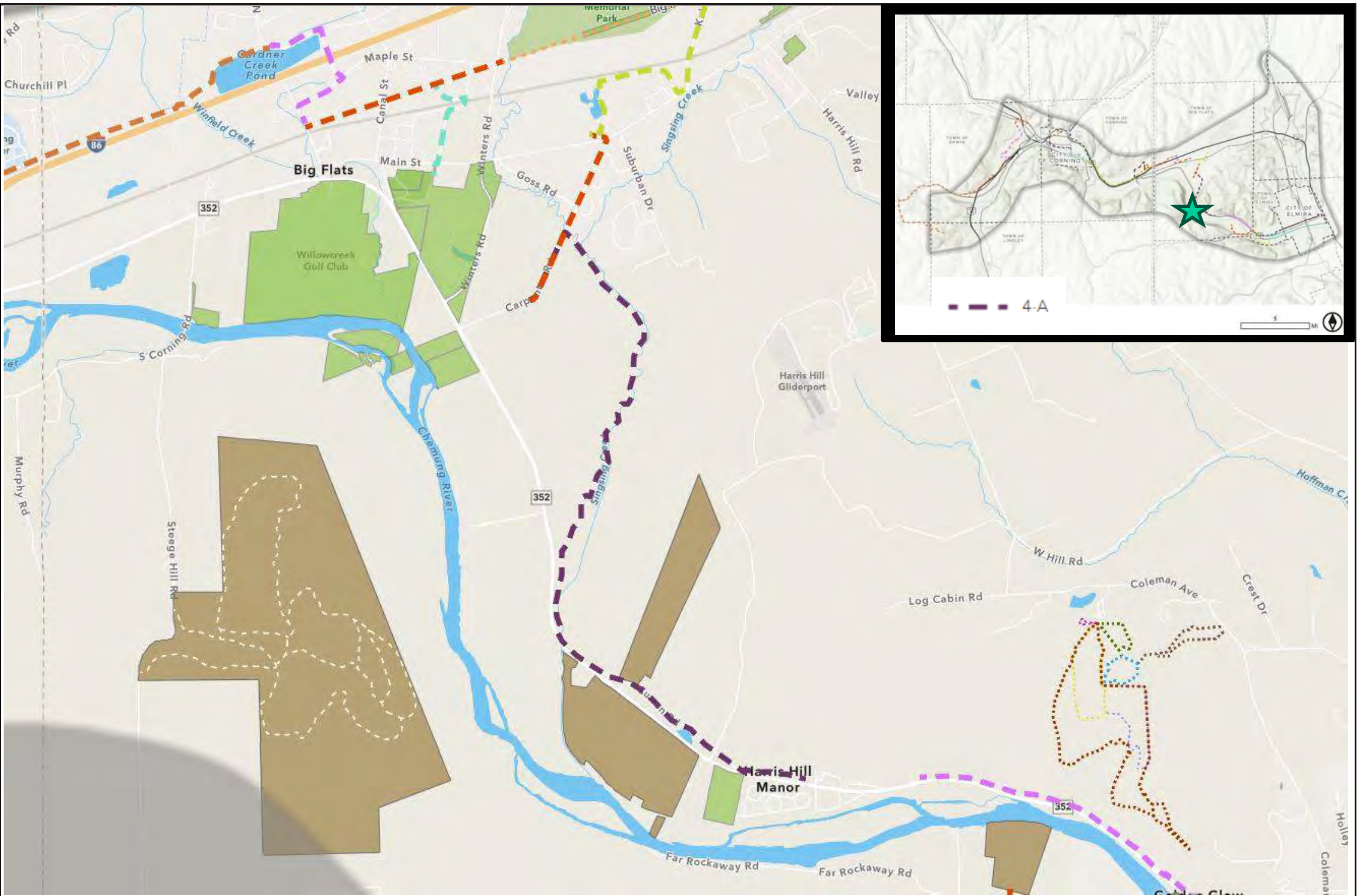


FIGURE C.4-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 5-A Carpenter Road South Trailhead, cross Sing Sing Creek to Big Flats Plant Trailhead



FIGURE C.5-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 6-A Big Flats Plant Trailhead to Sperr Park

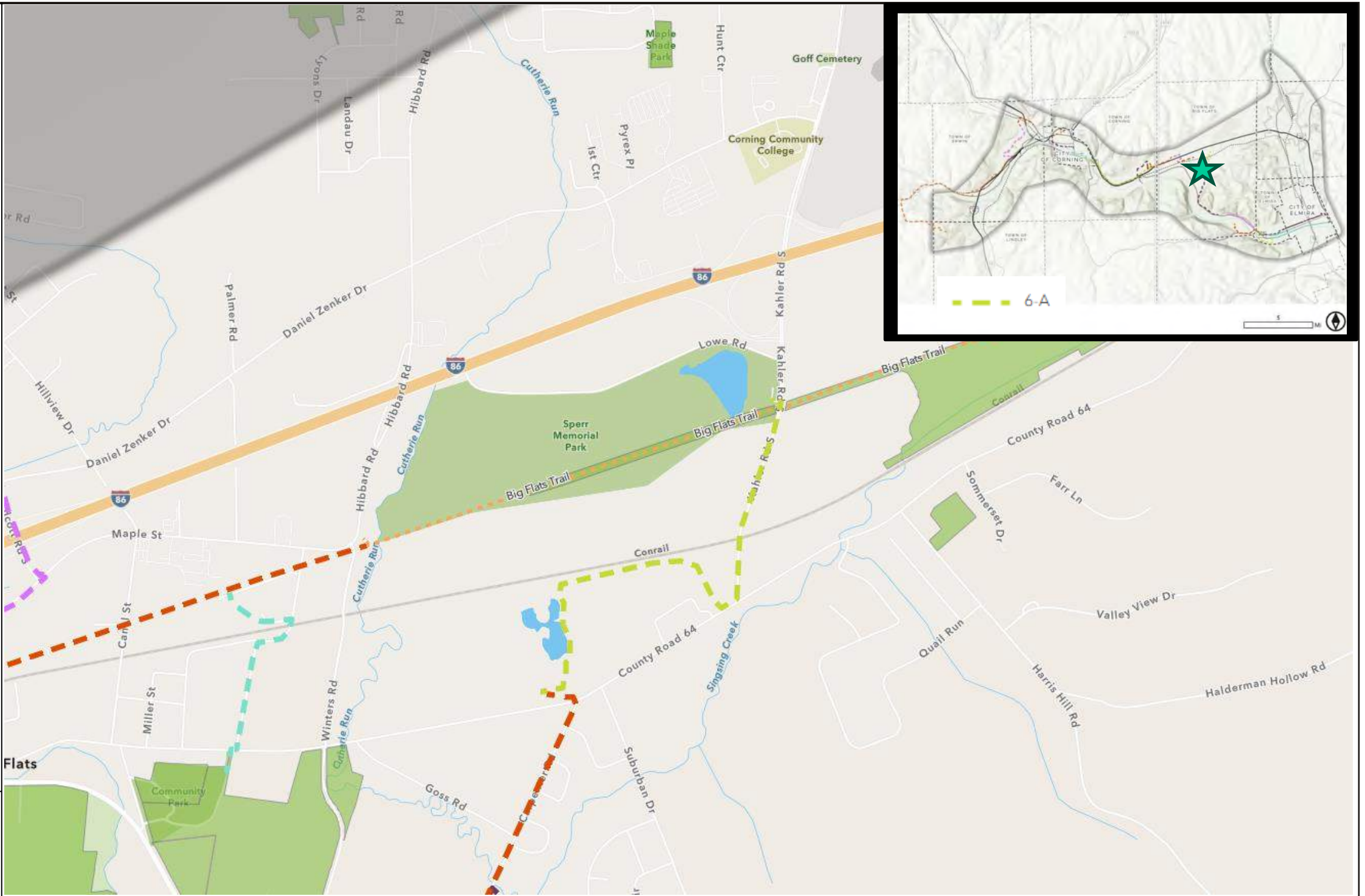


FIGURE C.6-A
LaBella 2233983



Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 8-A Big Flats Linear Trail at Maple Street to Olcott Road South

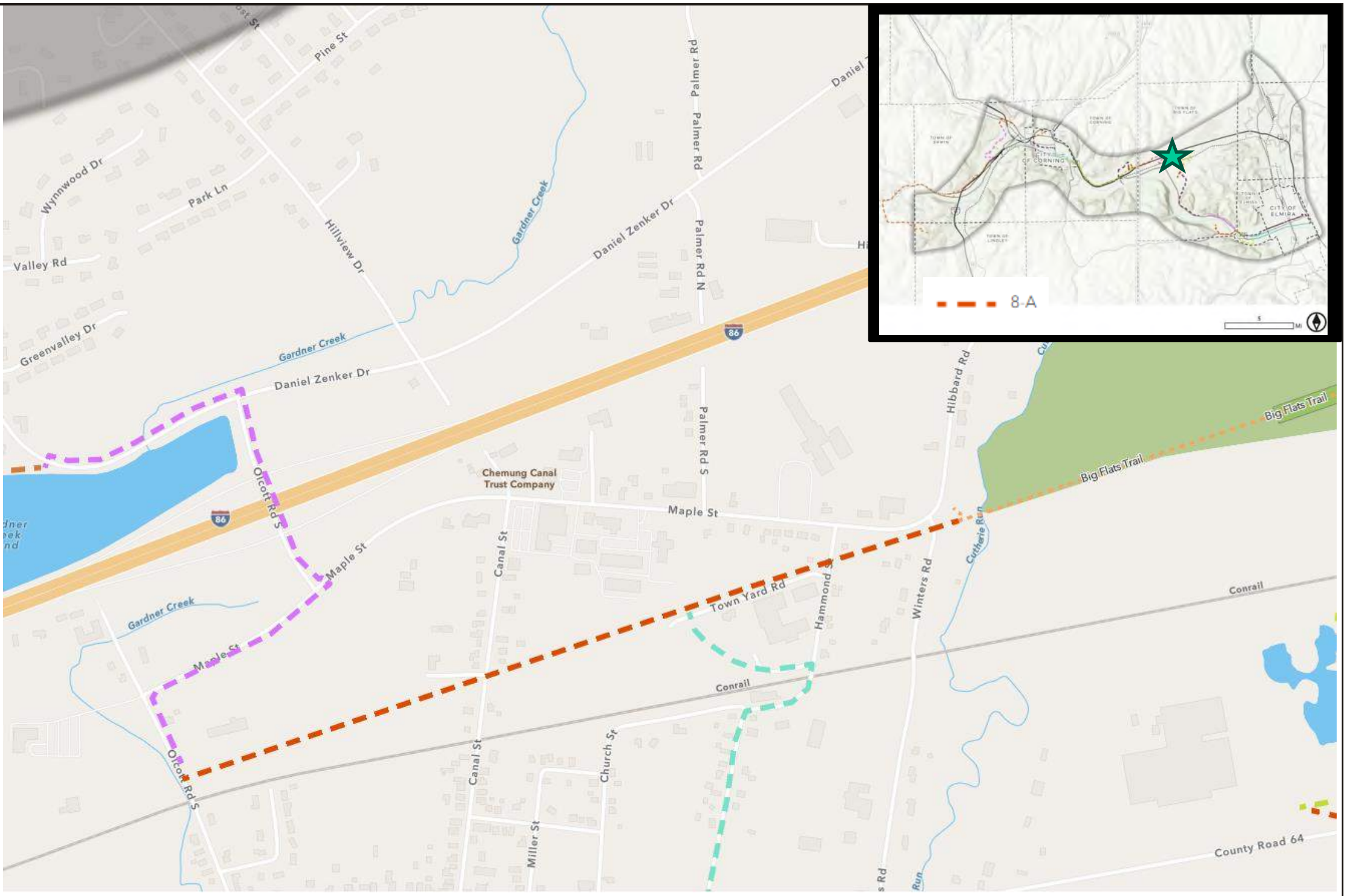


FIGURE C.8-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 8-B Big Flats Linear Trail at Big Flats
 Community Center to Big Flats Community Park

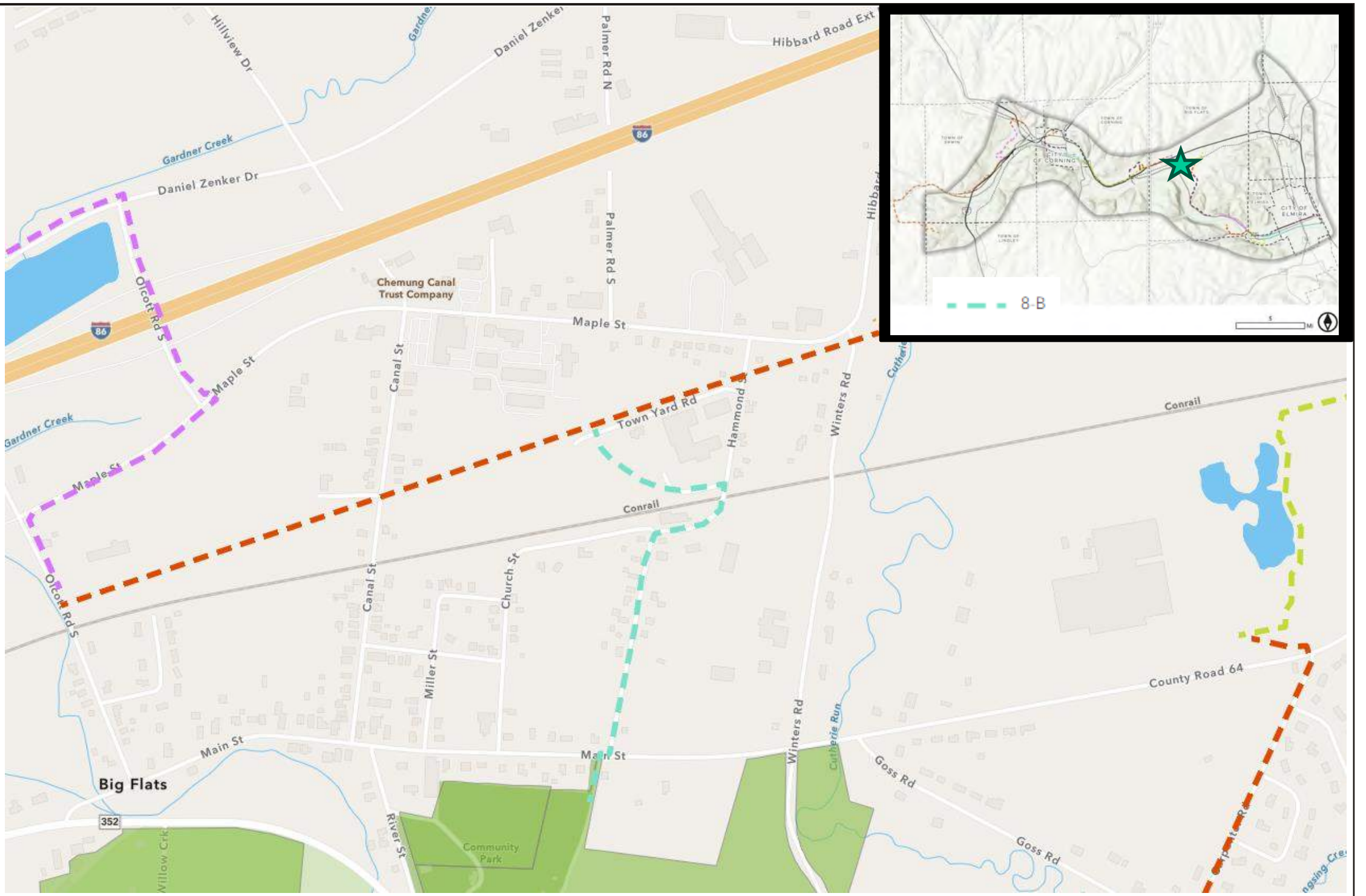


FIGURE C.8-B
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Chemung River Greenway
 Chemung County and Steuben County, New York
 Three Rivers Economic Development



Segment 9-A Olcott Road South to Beverly's Pond at
Olcott Road North

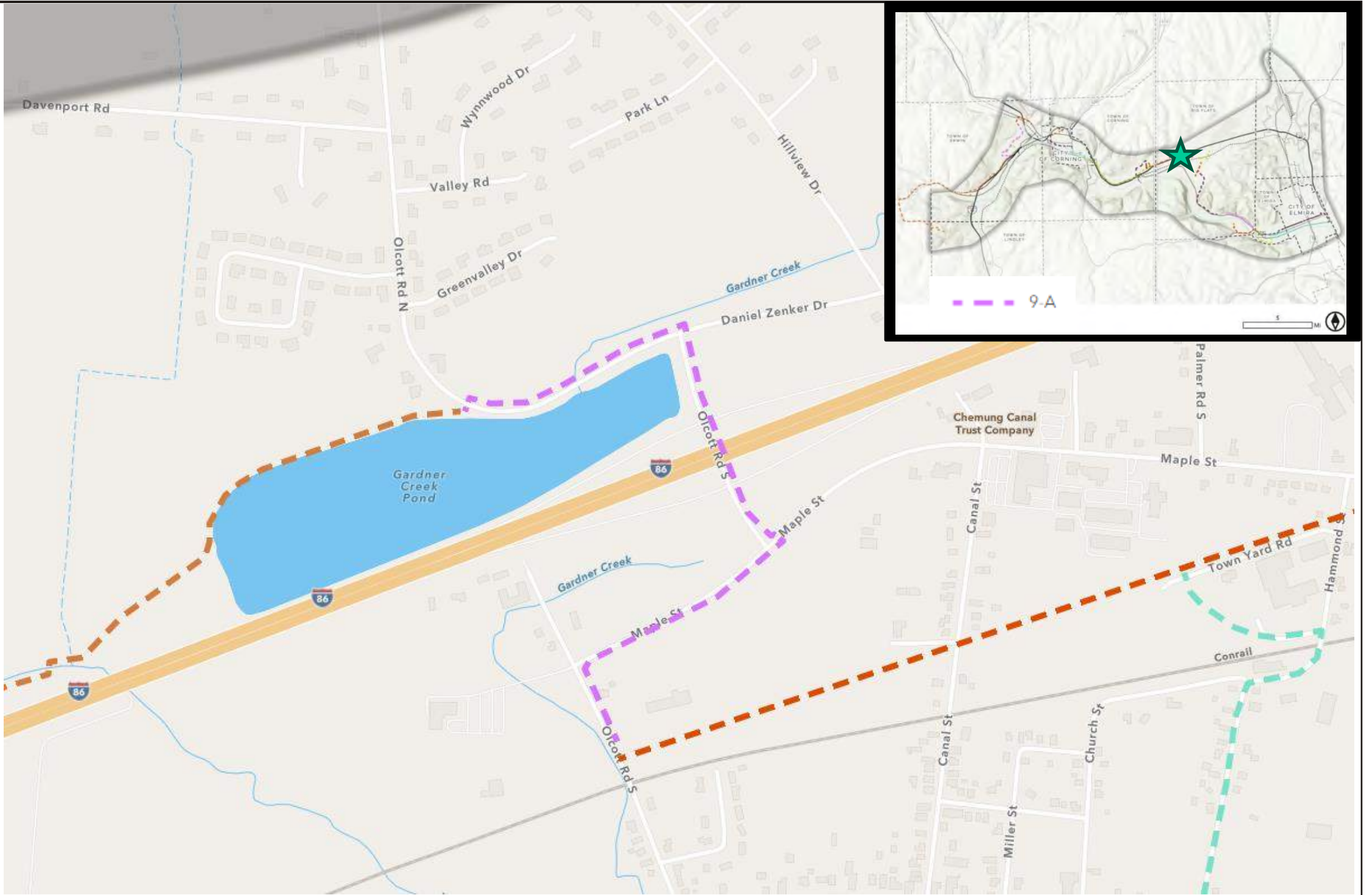


FIGURE C.9-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 11-A Beverly's Pond at Olcott Road North to
Corning Guthrie Hospital



FIGURE C.11-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 12-A Corning Guthrie Hospital to Denison Park

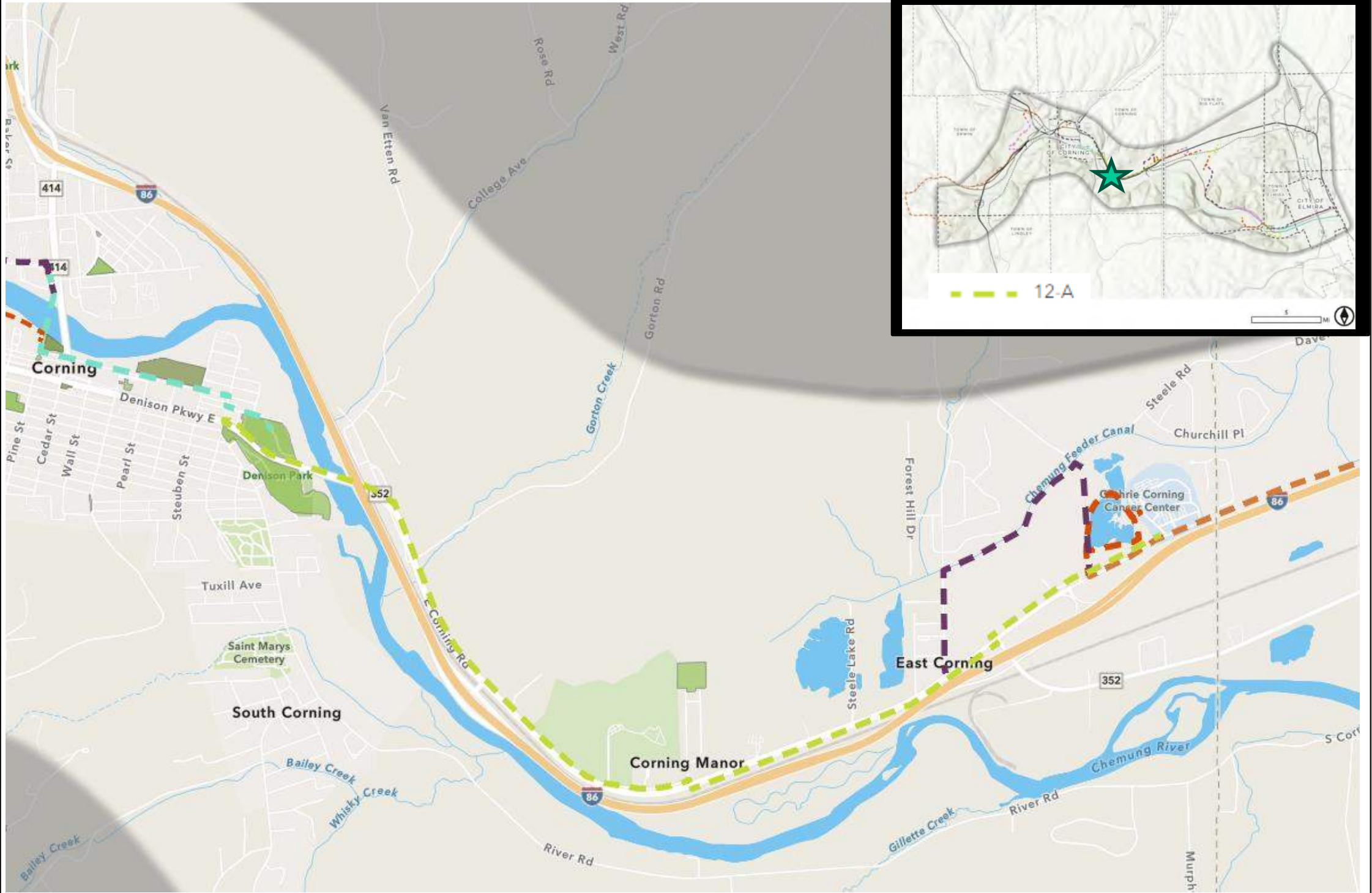


FIGURE C.12-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 12-B Corning Guthrie Loop



FIGURE C.12-B
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 12-C Corning Guthrie Hospital Feeder Canal to Goff Road



FIGURE C.12-C
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 13-A Denison Park to Corning YMCA and
Corning Museum of Glass

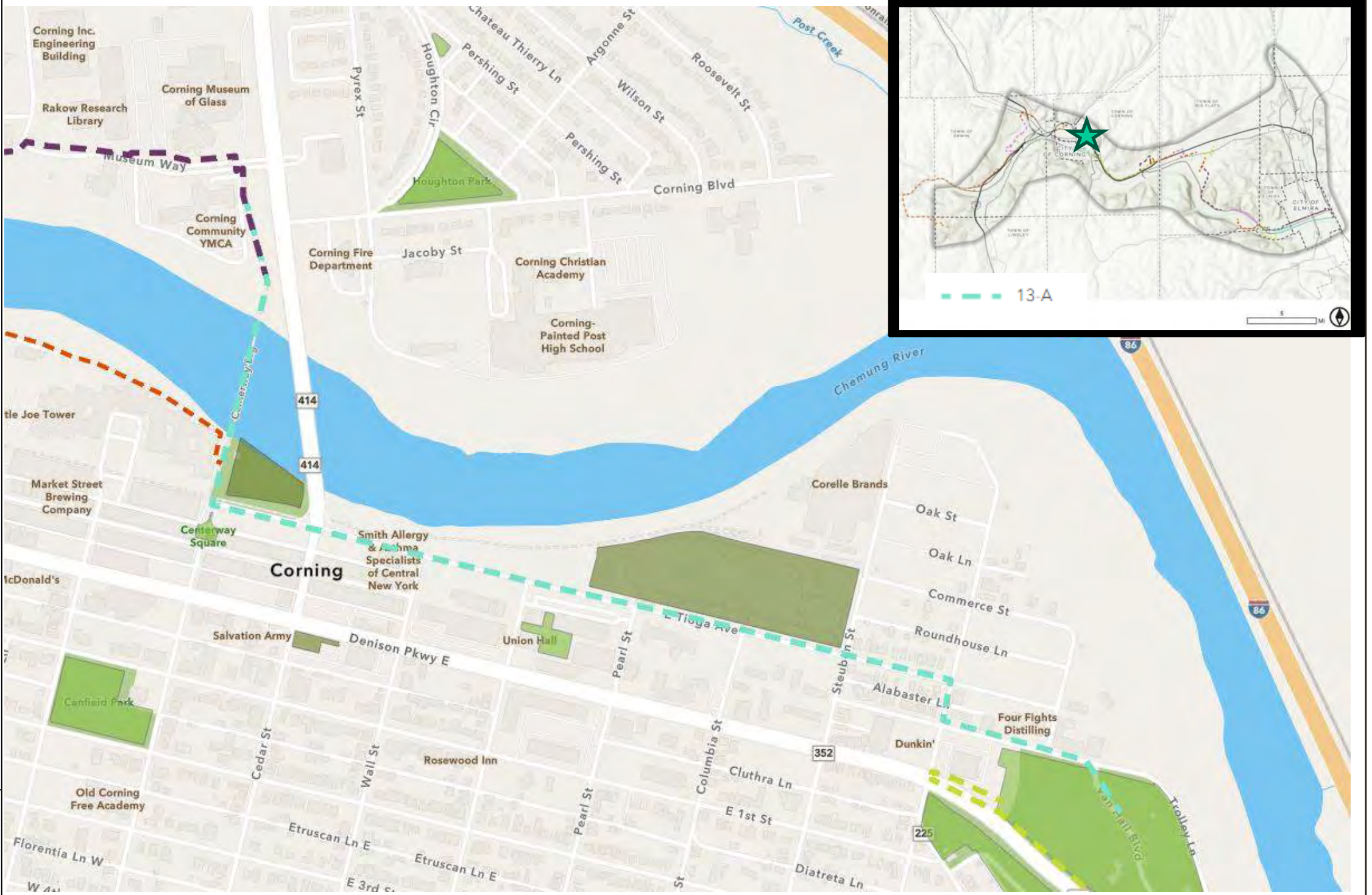


FIGURE C.13-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 13-B Corning Riverfront Centennial Park to
 Corning Wegmans to CRG Trail Segment 14-A at Bridge S

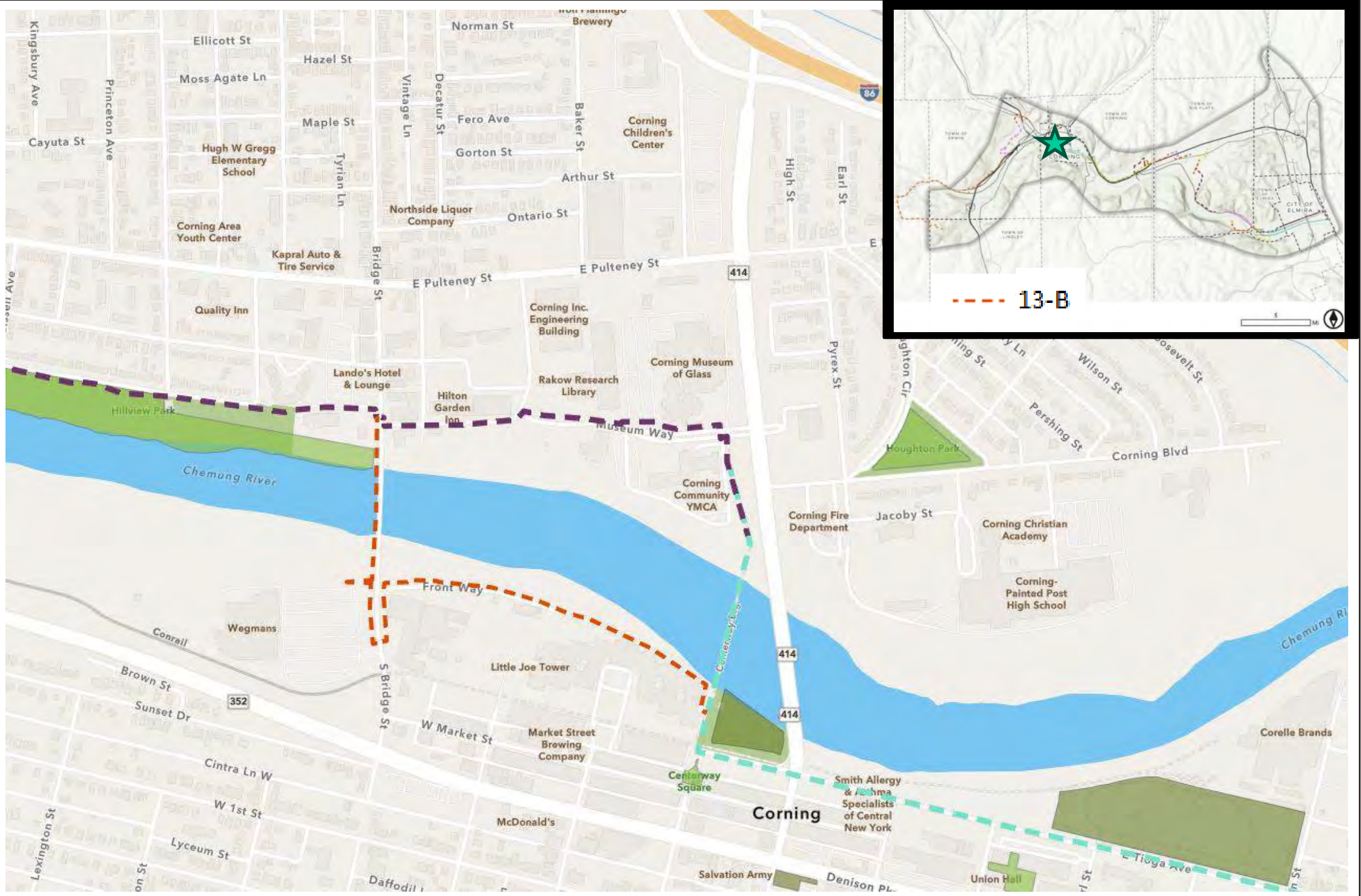


FIGURE C.13-B
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Chemung River Greenway
 Chemung County and Steuben County, New York
 Three Rivers Economic Development



Segment 14-A Corning YMCA and Corning Museum of Glass to Riverside-Painted Post Trail

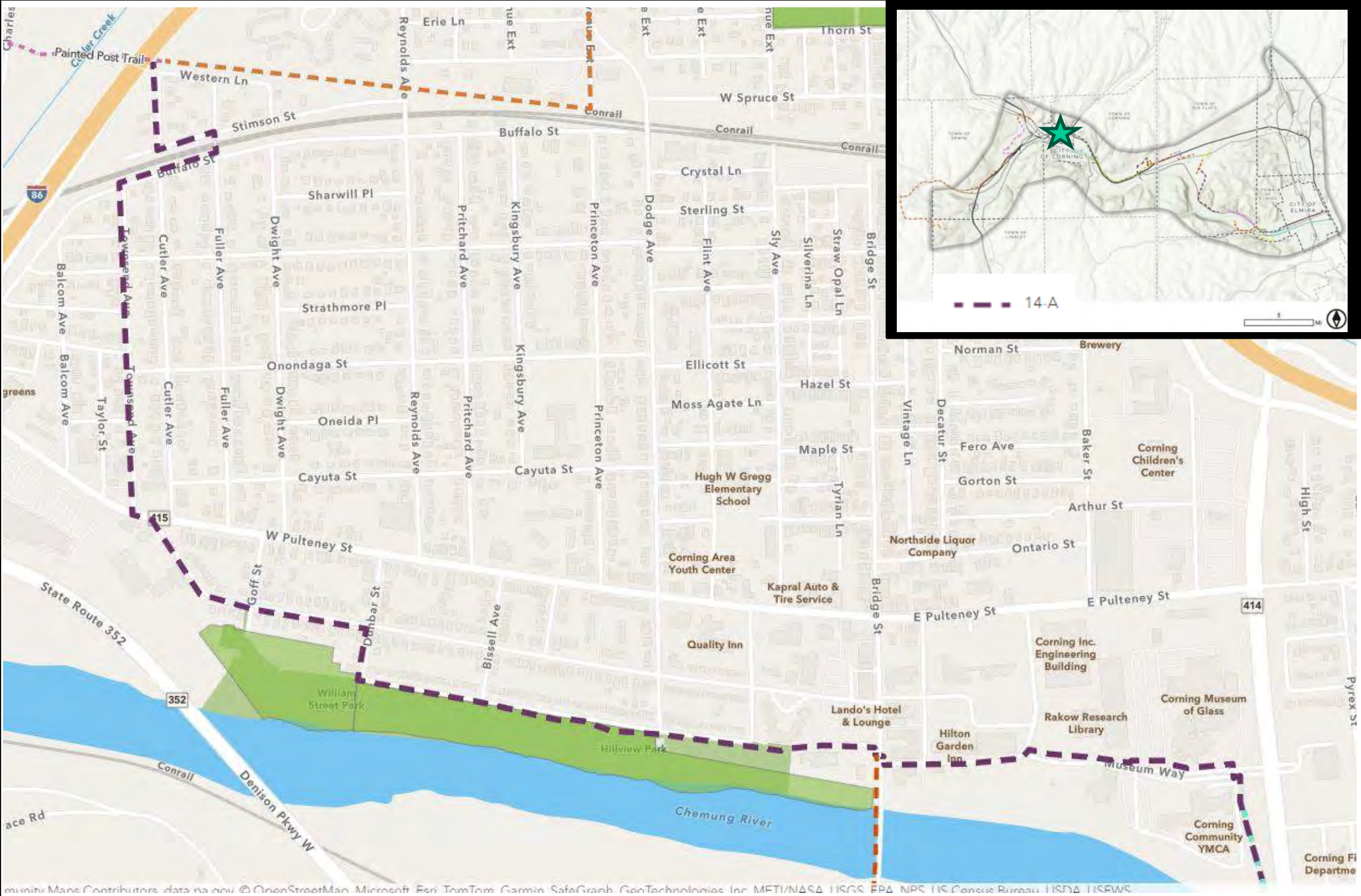


FIGURE C.14-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 15-A Painted Post Trailhead to Stewart Park

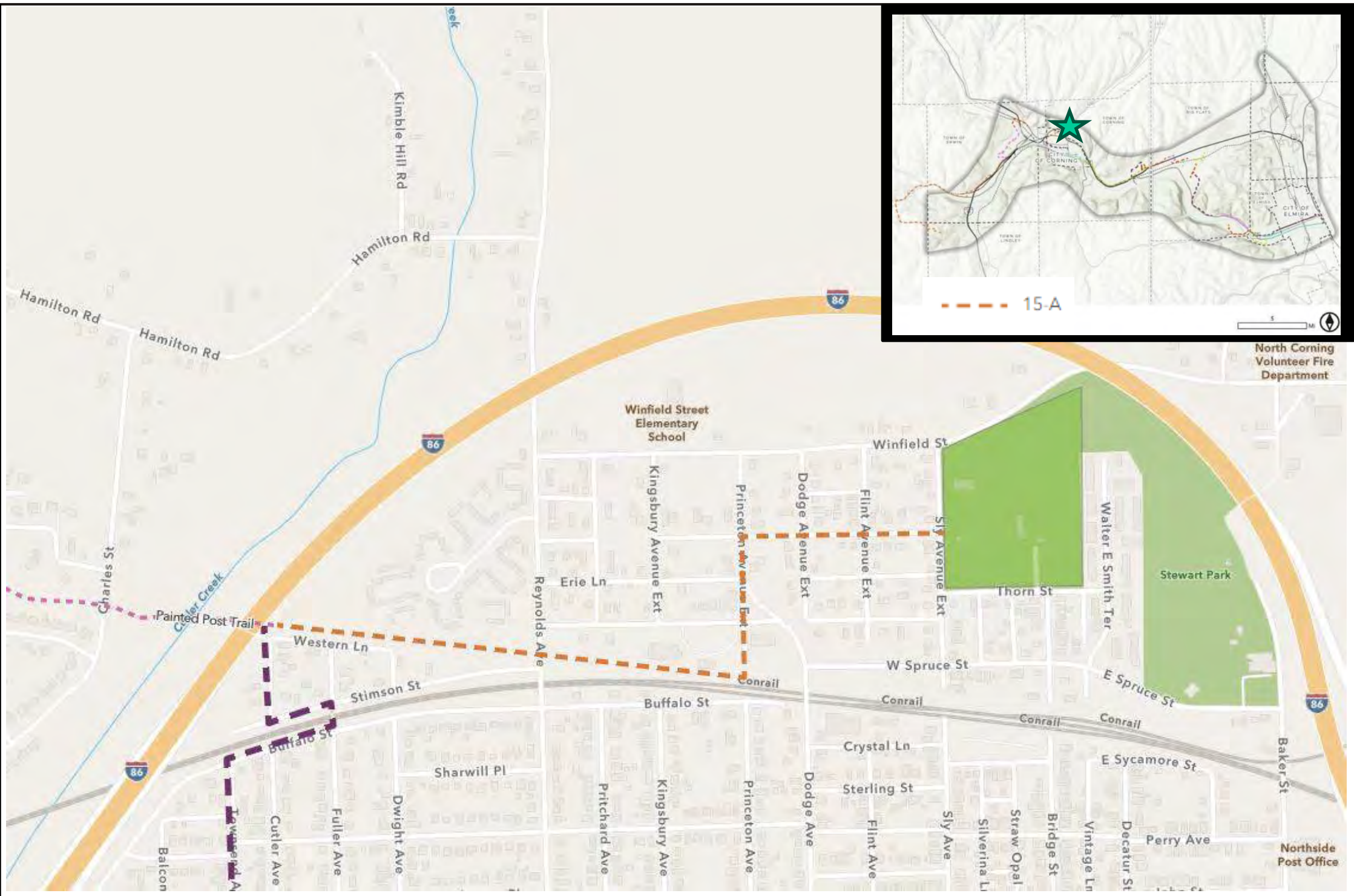


FIGURE C.15-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 16-A Painted Post Craig Park to Erwin Kinsella Park
Park

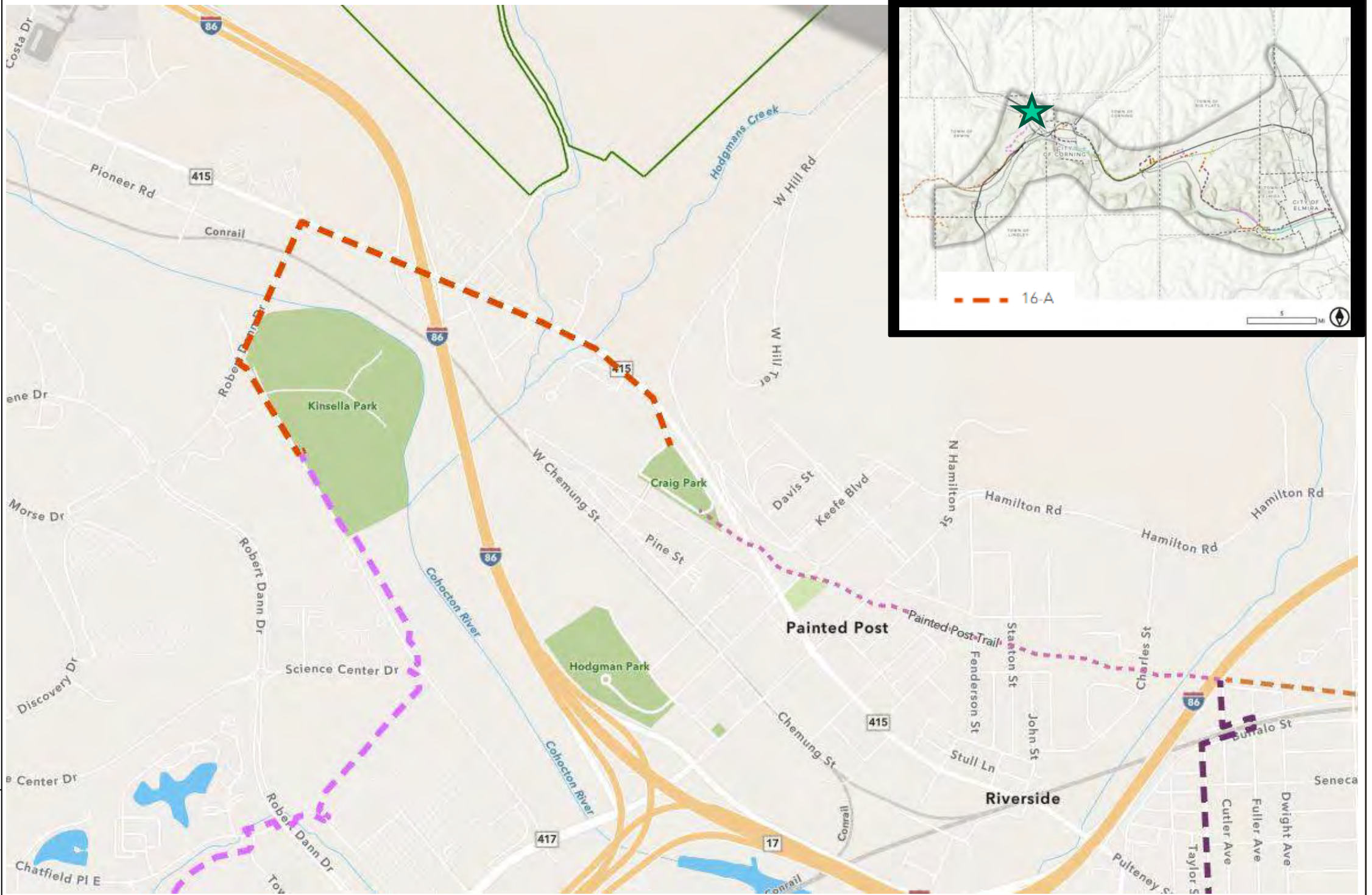


FIGURE C.16-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 17-A Kinsella Park to First Responders Honor Park

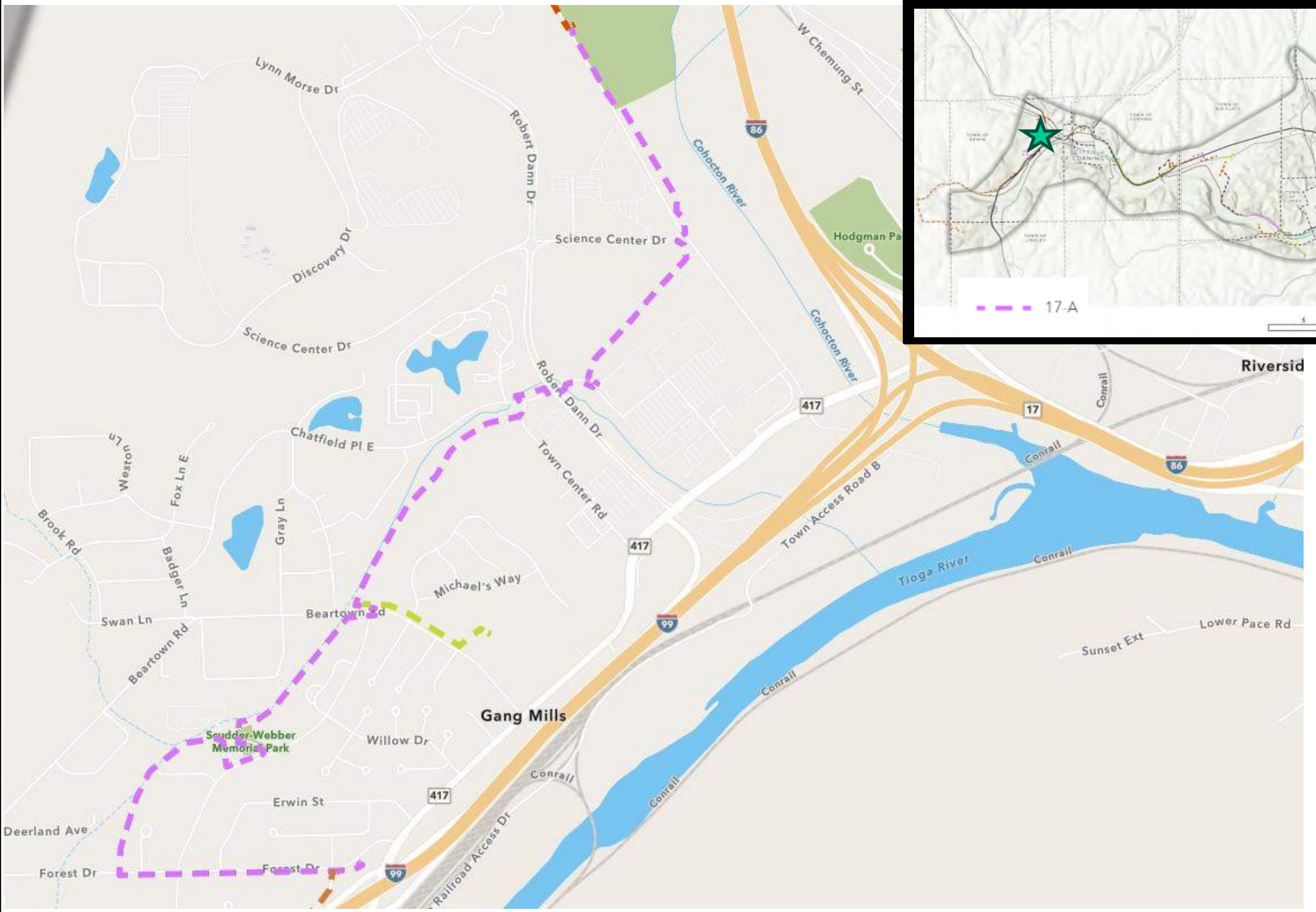


FIGURE C.17-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 17-B Spur to Erwin Valley Elementary School

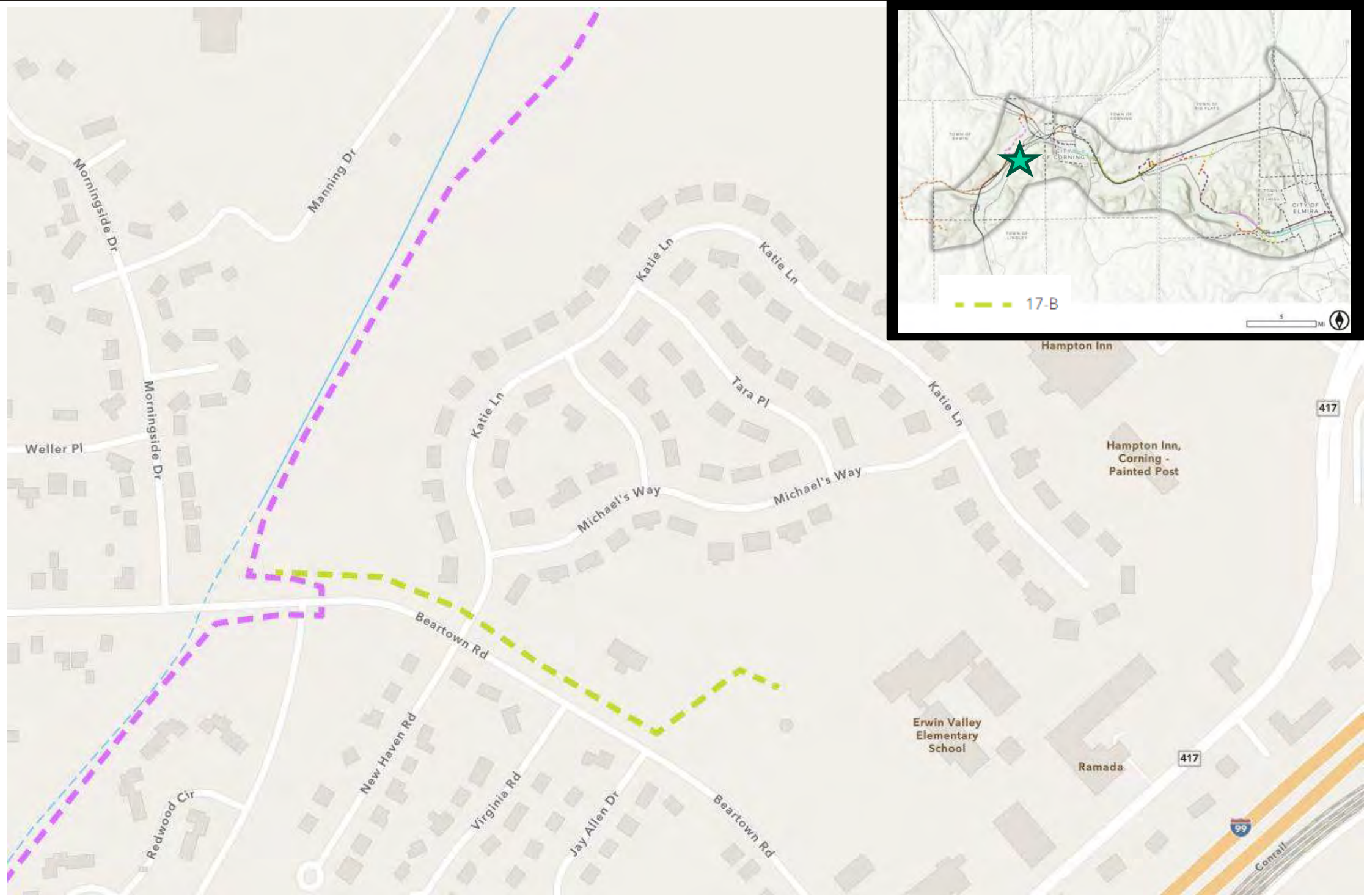


FIGURE C.17-B
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development



Segment 18-A First Responders Honor Park to Finger Lakes Land Trust Bad Bear Hill

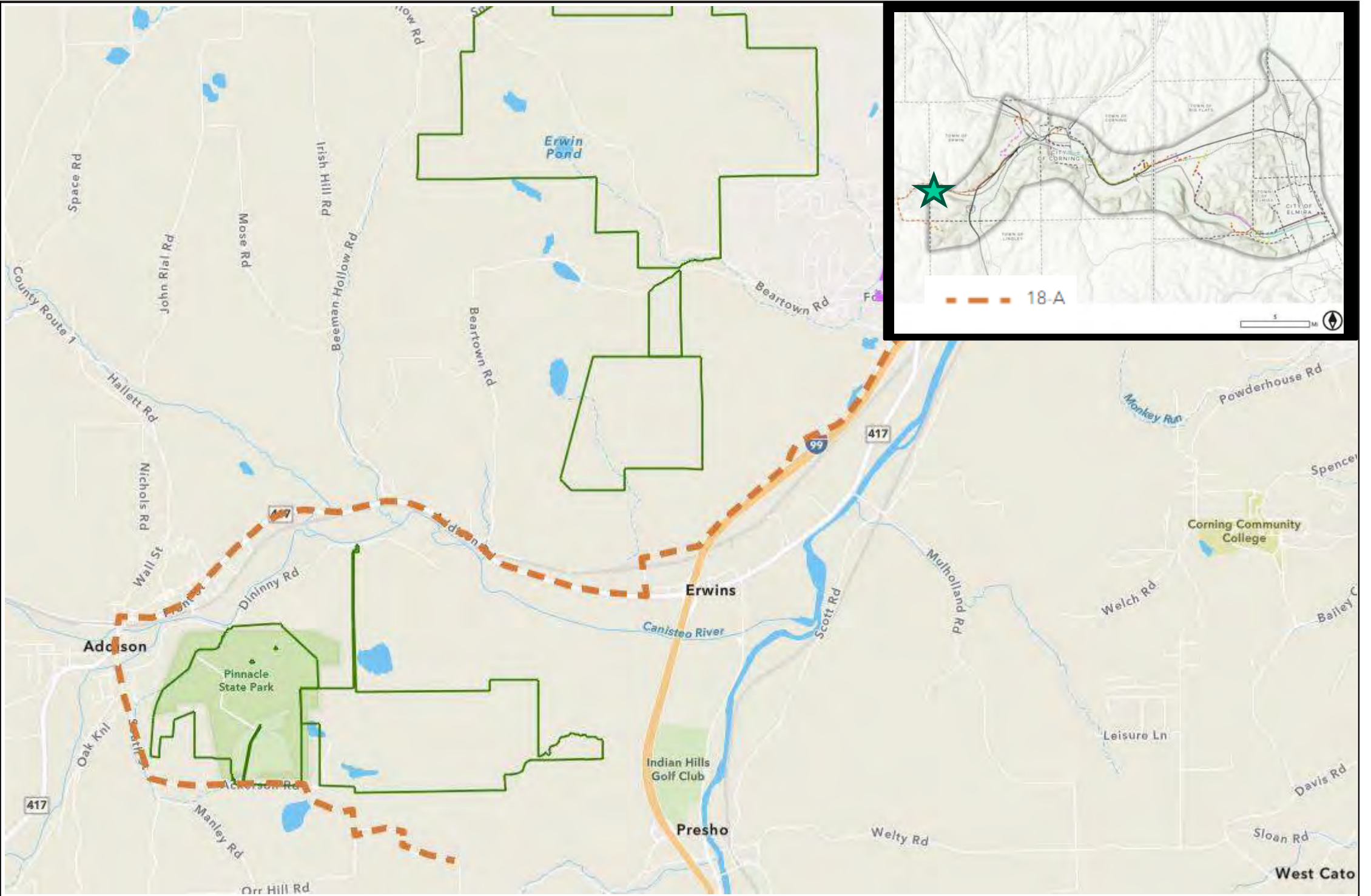


FIGURE C.18-A
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Chemung River Greenway
Chemung County and Steuben County, New York
Three Rivers Economic Development





APPENDIX D: COMMUNITY ENGAGEMENT



LaBella Project 2233983
 Three Rivers Development
 Chemung River Greenway

STAKEHOLDER AND PUBLIC ENGAGEMENT

Task Description: The consultant will conduct key person and/or small group interviews to aid in its understanding of the conditions within the study area relating to the possible multi-use trail. The interviews and focus groups will likely include members of the Steering Committee, municipal governments, non-profit, business, educational organizations within the project area. A survey and website will be considered to aid data collection and communication.

Municipal Stakeholders	Regulatory Agencies	Corporate Stakeholders	Small Business Owners	NonProfit & Community Groups	Education
Steuben County Planning	NYS DEC Flood Protection and Dam Safety	Corning Incorporated	Corning Bike Works	Southern Tier Central Planning	Corning Community College
Steuben County IDA	NYS DEC Fish and Wildlife - Big Flats WMA	Arnot Health	Confluence Running	Friends of the Chemung River	Elmira College
Chemung County Planning	Army Corps of Engineers	Guthrie Health		Southern Tier Regional Economic Development	LECOM
Elmira-Chemung Transportation Council	NYS DOT	Chemung Canal Trust Company		Southern Tier Economic Growth	Corning -Painted Post Area School District
Town of Corning	County Roads	CAF USA		Chemung County Chamber of Commerce	Horseheads School District
City of Corning	Rail	Hilliard		Finger Lakes Wine Country Community Foundation	Elmira City School District
Village of South Corning		Wegmans		Still I Run	
Town of Big Flats		DeMets Candy		Elmira Community Cycle	
Town of Horseheads		Emhart Glass		Chemung , Schuyler, and Stueben Bicycle Advisory Council and Pedestrian Advisory Council	
Village of Horseheads		General Revenue		Friends of the Catharine Valley Trail	
Village of Elmira Heights				Southern Tier Bicycle League	
Town of Elmira				Lackawanna Rail Trail Committee - City of Elmira	
City of Elmira				Finger Lakes Trail Conference	
				Finger Lakes Land Trust	
				Finger Lakes Wine Country	
				Wineglass Marathon	
				Southern Tier Running Club	

Stakeholder	Influence Level	Expected Interest Level	Communication				What do we want to learn from them?	When will we engage them?	KK Comments and contacts
			Timeframe	Frequency	Method	Info Type			
Municipal Stakeholders									
Steuben County Planning	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit, any existing transportation development plans	December	
Steuben County IDA	High	Support	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	Jamie Johnson and/or Jill Staats
Chemung County Planning	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit, any existing transportation development plans	December	Kevin Meindl
Elmira-Chemung Transportation Council	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit, any existing transportation development plans	December	Kevin Meindl and/or Mike Perry
Town of Corning	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of trail start/end and entry/exit	December	
City of Corning	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of trail start/end and entry/exit	December	City Manager Mark Ryckman, Mayor Bill Boland, Jenn Miller
Village of South Corning	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	
Town of Big Flats	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	Supervisor Lee Giammichele
Town of Horseheads	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	Supervisor Don Fischer
Village of Horseheads	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	Mayor Robert Maloney
Village of Elmira Heights	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of entry/exit	December	
Town of Elmira	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of trail start/end and entry/exit	December	Supervisor Ann Gerould
City of Elmira	Very High	Lead	Early	Quarterly	In-Person/Virtual	Brainstorm	Preferred points of trail start/end and entry/exit	December	Mayor Dan Mandell, City Manager Mike Collins
Property Owners									
TBD	Very High	Undetermined	Early	One-Time	Mail	Progress to goal	Conflict areas, constraints, needs	After DIG analysis	
TBD	Very High	Undetermined	Early	One-Time	Mail	Progress to goal	Conflict areas, constraints, needs	After DIG analysis	
TBD	Very High	Undetermined	Early	One-Time	Mail	Progress to goal	Conflict areas, constraints, needs	After DIG analysis	
TBD	Very High	Undetermined	Early	One-Time	Mail	Progress to goal	Conflict areas, constraints, needs	After DIG analysis	
TBD	Very High	Undetermined	Early	One-Time	Mail	Progress to goal	Conflict areas, constraints, needs	After DIG analysis	
Regulatory Agencies									
NYS DEC Flood Protection and Dam Safety	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	Trail location preferences and/or concerns	After trail location options are identified	
NYS DEC Fish and Wildlife - Big Flats WMA	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	Trail location preferences and/or concerns	After trail location options are identified	
Army Corps of Engineers	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	Trail location preferences and/or concerns	After trail location options are identified	
NYS DOT	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	ROW preferences and/or concerns	After trail location options are identified	

County Roads	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	ROW preferences and/or concerns	After trail location options are identified	
Rail	High	Support	Mid-Late	One-Time	Phone / Email	Progress to goal	ROW preferences and/or concerns	After trail location options are identified	
Corporate Stakeholders									
Corning Incorporated	Medium	Support	Mid-Late	One-Time	In-Person/Virtual	Brainstorm	Preferred connectivity to local resources	December	Fred Arcuri*, Millicent Ruffin
Arnot Health	Medium	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	Ken Roberts
Guthrie Health	Medium	Support	Mid-Late	One-Time	In-Person/Virtual	Progress to goal	Preferred connectivity to local resources	December	Andrea Campbell?
Chemung Canal Trust Company	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	Anders Tomson
CAF USA	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	Josh Michal
Hilliard	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	Jan van den Blink
Wegmans	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	Garret Callahan
DeMets Candy	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	
Emhart Glass	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	
General Revenue	Low	Support	Mid-Late	One-Time	Email	Progress to goal	Preferred connectivity to local resources	After trail location options are identified	
Non-Profit & Community Groups									
Southern Tier Central Planning	Medium	Support	Mid-Late	One-Time	Phone / Email	Brainstorm	Preferred connectivity to local resources	December	Chelsea Robertson*
Friends of the Chemung River	High	Support	Mid-Late	One-Time	In-Person/Virtual	Progress to goal	Preferred connectivity to local resources	December	Elizabeth Zilinski
Southern Tier Regional Economic Development	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Southern Tier Economic Growth	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Jill Koski*
Chemung County Chamber of Commerce	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Jennifer Herrick-McGonigal
Finger Lakes Wine Country	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Christina Oldroyd* and/or Laury Ward
Community Foundation	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Randi Hewit
Still I Run	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Patty Morse (LECOM)
Elmira Community Cycle	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Karl Schwesinger (Fagan Engineers)
Chemung, Schuyler, and Stueben Bicycle Advisory Council and Pedestrian Advisory Council	Very High	Support	Early	Quarterly	In-Person/Virtual	Progress to goal	Preferred connectivity to local resources	December	Alison Herman (CC Planning) plus BAPAC members
Friends of the Catharine Valley Trail	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Russ Nelson (BACPAC member)
Southern Tier Bicycle League	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Lackawanna Rail Trail Committee - City of Elmira	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Finger Lakes Trail Conference	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	

Finger Lakes Land Trust	Medium	Support	Mid-Late	One-Time	In-Person/Virtual	Status Update	Preferred connectivity to local resources	December	
Wineglass Marathon	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	Chris Sharkey?
Southern Tier Running Club	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Upper Susquehanna Coalition - Tioga County Soil & Water	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Education									
Corning Community College	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Bill Mullaney
Elmira College	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Chuck Lindsay
LECOM	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Dr. Rich Terry
Corning - Painted Post Area School District	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Superintendent Michelle Caulfield
Horseheads School District	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Superintendent Dr. Tom Douglas
Elmira City School District	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred points of entry/exit	After trail location options are identified	Superintendent Hillary Austin
Small Businesses									
Corning Bike Works	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Confluence Running	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	
Wheels Unlimited	Medium	Support	Mid-Late	One-Time	Phone / Email	Status Update	Preferred connectivity to local resources	After trail location options are identified	

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Chemung River Greenway

STAKEHOLDER AND PUBLIC ENGAGEMENT

Task Description: The consultant will conduct key person and/or small group interviews to aid in its understanding of the conditions within the study area relating to the possible multi-use trail. The interviews and focus groups will likely include members of the Steering Committee, municipal governments, non-profit, business, educational organizations within the project area. A survey and website will be considered to aid data collection and communication.

March 20, 10:30-12:30 - Elmira College Climate Teach-in

March 20, 6-8pm – Big Flats Community Center

April 1, 5-7pm – Elmira Steele Memorial Library

April 23, 4:30-6:30 – Corning Library

May 25, 7am-4pm – Corning GlassFest

Respondent	Collector	Start Date	End Date	IP Address	Email	Ad First Name	Last Name	Custom	What is y	How often do you	currently use	multi-use trails?	What benefits do you think will come with the proposed multi-use trail? Please select all that apply.	What concerns do you have about the proposed multi-use trail? Please select all that apply.	Who would the proposed multi-use trail serve? Please select all that apply.																									
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a
1.15E+11	4.29E+08	67.255.121.30	14873					14873	Open-En	Very fam/Daily	Weekly	Monthly	Improved/improved health	Reduced a	Opportuni	Opportuni	Opportuni	Other (pk)	Safety & s	Maintenan	Construct	Trail	being	Vandalism	Trail	locati	Safe	road	Adequate	lighting	options	Access	for	emerg	Recreation	Commuter	Families w	Seniors	Tourists	Persons w/Adaptive a

1.15E+11	4.29E+08	66.24.19.38	14845	Daily	Improved/improved/Improved accessibility/Reduced and/or elimi	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/p	Safe roadw	Adequate lighting options	Recreational users (cy	Families w	Seniors	Adaptive a		
1.15E+11	4.29E+08	68.83.178.61	14892		Occasionally												
1.15E+11	4.29E+08	69.204.215.135	14830		Occasionally/Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive economic impact	Safe roadway crossings		Recreation	Commuter	Families w	Seniors	Persons wi	
1.15E+11	4.29E+08	104.28.57.55	14870	Weekly	Improved/improved/Improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportuni	As a runner, in the last year I hav		Been near	Recreation	Commuter	Families with young c	Tourists	Persons wi
1.15E+11	4.29E+08	38.77.45.156	14845	Monthly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive econo	Maintenance	Trail location	Uses that will be permitted/prof	Recreation	Commuter	Families w	Seniors	Persons wi
1.15E+11	4.29E+08	38.145.179.124	14904	Weekly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive econo	Maintenan	Constructi	Trail being wide enou	Trail locati	Safe roadw	Adequate lighting options	I think it's	Recreation
1.15E+11	4.29E+08	38.145.179.124	14904	Weekly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive economic impact			I have no	Recreation	Commuter	Families w	Seniors	Persons wi
1.15E+11	4.29E+08	198.160.193.44	14905	Weekly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for pos Safety & s	Maintenan	Constructi	Trail being wide enou	Trail locati	Safe roadw	Adequate lighting options	Uses that will be permitted/prof	Recreation
1.15E+11	4.29E+08	24.198.194.92	14905	Daily	Improved/improved health/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportuni	Greater appreciation of the Chemung River and its entire ecosyst	Trail locati	Safe roadw	Adequate lighting options	Uses that will be permitted/prof	Recreation	Commuter	Families w
1.15E+11	4.29E+08	67.255.123.0	14845	Weekly	Improved/improved/Improved/Improved/Reduced and/or eliminated inter	Opportuni	Opportuni	Opportuni	Opportuni	for pos Safety & s	Maintenan	Constructi	Trail being wide enou	Trail locati	Safe roadw	Adequate lighting options	Recreational users (cyclists, ped
1.15E+11	4.29E+08	38.162.148.155	14901		Occasionally	Improved/improved accessibility for users of all ages	Opportuni	Opportuni	Opportunities for safe bicycle/p	Safety & security	Trail location						
1.15E+11	4.29E+08	74.65.101.214	14904		Occasionally/Improved/improved health/Reduced and/or elimi	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian a	Maintenance	Trail being wide enough	Uses that will be permitted/prof	Recreation	Commuter	Families w	Seniors	Tourists
1.15E+11	4.29E+08	66.24.140.245	14845	Monthly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for pos Safety & s	Maintenance	Trail being wide enough	Safe roadw	Adequate lighting options	Cost to tax	Recreational users (cy	Families w	Seniors
1.15E+11	4.29E+08	38.162.151.82	14905	Weekly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportuni	Use for outdoor and	Maintenance	Trail being wide enough	Safe roadw	Adequate lighting options	homeless	Recreational users (cy	Families w
1.15E+11	4.29E+08	75.246.125.185	14845	Monthly	Improved/improved/Improved/Improved/Reduced and/or elimi	Opportuni	Opportuni	Opportuni	Opportunities for positive econo	Maintenance	Vandalism	Trail location	Uses that will be permitted/prof	Recreation	Commuter	Families w	Seniors
1.15E+11	4.29E+08	69.204.209.83	14870		Occasionally/Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for pos Safety & security		Vandalism	Safe roadway crossings	Recreational users (cy	Families with young children			
1.15E+11	4.29E+08	97.101.201.152	14871		Occasionally	Opportuni	Opportuni	Opportuni	Opportunities for pos Safety & s	Maintenance	Trail being wide enough	Recreational users (cyclists, ped	Seniors	Tourists			
1.15E+11	4.29E+08	69.204.215.135	14830		Occasionally/Improved/improved/Improved accessibility/Reduced and/or elimi	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian a	Maintenance	Safe roadway crossings	Recreation	Commuter	Families w	Seniors	Tourists	Persons wi
1.15E+11	4.29E+08	66.24.26.32	14905		Occasionally	Reduced and/or elimi	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian access		Vandalism	Uses that will be permitted/prof	Recreational users (cy	Families w	Seniors	Persons wi	
1.15E+11	4.29E+08	24.198.202.241	14903		Occasionally/Improved/improved health/Improved access to n	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian access		Trail being wide enough	Safe roadw	Adequate lighting opt	Access for emergency	Recreational users (cy	Families w	Seniors
1.15E+11	4.29E+08	66.24.182.132	14904	Monthly	Improved/improved health/Improved/Improved/Reduced and/or eliminated inter	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian a	Maintenance	Safe roadw	Adequate lighting opt	Access for emergency	Recreational users (cy	Families w	Seniors	Persons with disabilit
1.15E+11	4.29E+08	74.67.190.37	14901		Occasionally/Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for pos Safety & s	Maintenance	Trail being wide enough	Adequate lighting opt	Access for emergency	Recreation	Commuter	Families w	Seniors
1.15E+11	4.29E+08	66.24.11.12	14845	Monthly	Improved quality of life/Reduced and/or elimi	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian a	Maintenance	Vandalism	Adequate lighting opt	Access for emergency	Recreational users (cyclists, pedestrians, rol	Tourists		
1.15E+11	4.29E+08	174.197.196.124	14865	Monthly	Improved/improved health/Opportuni	Opportuni	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian access		Vandalism	Adequate lighting opt	Access for emergency	Recreational users (cyclists, pedestrians, rol	Tourists		
1.15E+11	4.29E+08	66.24.136.175	14905	Weekly	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive econo	Maintenance	Trail being	Vandalism	Safe roadway crossings				
1.15E+11	4.29E+08	72.43.50.198	14904		Occasionally	Improved/improved accessibility for users of all ages	Opportuni	Opportuni	Opportunities for outdoor recre	Hopefully, Safety & s	Maintenance	Vandalism	Adequate	Uses that will be permitted/prof	Recreational users (cy	Families with young children	Adaptive a
1.15E+11	4.29E+08	66.24.17.129	14904	Weekly	Improved/improved/Improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive econo	Maintenance	Trail locati	Safe roadway crossings	Recreation	Commuter	Families w	Seniors	Persons wi
1.15E+11	4.29E+08	72.43.50.198	14830		Occasionally	Improved/improved accessibility for users of all ages	Opportuni	Opportuni	Opportunities for safe bicycle/pedestrian a	Maintenance	Vandalism	Adequate	Uses that will be permitted/prof	Recreational users (cy	Families with young children	Adaptive a	
1.14E+11	4.29E+08	216.59.67.122	14845	Very familiar	Improved/improved/Improved/Improved/Reduced a	Opportuni	Opportuni	Opportuni	Opportunities for positive economic impact	Construction	Trail locati	Safe roadway crossings	Recreation	Commuter	Families w	Seniors	Persons wi

	All trails that can be controlled				All trails th Walking Biking				Running / jogging Roller blading / skatir Cross-cour Snowshoeing				Bird watching		If Construc
Dog walke Bird watch Fishers / Boaters	Catherine 'Painted Post Trail	Friends of Denison Park	Sperr Memorial Park	Houghton Preserve	Spencer Crest Nature Center	Schools and College Campuses	Local busin Restaurants and brew Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Bird watch Kayaking / Canoeing (Safe biking)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine 'Painted Post Trail	Denison Park	Sperr Memorial Park				Healthcare Local parks and recre Walking Biking	Running / Trail races Roller blading / skating	Fishing	Bird watch Kayaking / Canoeing (Further en)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Big Flats Trail	Sperr Memorial Park				Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Bird watch Kayaking / Canoeing (I think the)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of Denison Park	Sperr Memorial Park	Tanglewood Nature Center	Schools an Libraries	Grocery st Workplace Local busin Restaurant Healthcare Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoeing	Fishing	Bird watch Kayaking / Canoeing (I think the)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of Denison Park	Sperr Memorial Park	Plymouth Woods Nature Preserve	Libraries	Grocery st Workplace Local busin Restaurant Healthcare Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoeing	Fishing	Bird watch Kayaking / Canoeing (Something)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River W Pirozolo Park	Big Flats Community Park				Local busin Restaurants and brew Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / Canoeing (All trails er)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River W Pirozolo Park	Big Flats Community Park				Local busin Restaurants and brew Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / Canoeing (More oppc)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River Watershed		Steege Hill Nature Preserve	Libraries	Workplaces	Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / Canoeing (Increase in)					
Dog walke Bird watch Fishers / Boaters	Anyone that loves misquitos				Any along the river. It seems some are too far away and it would be cost prohibitive.	I wouldn't	Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / We already love the					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine 'Painted Post Trail	Friends of Denison Park	Pirozolo F Sperr Mem Big Flats Community Park	Steege Hill Nature Preserve	Spencer Crest Nature Schools an Libraries	Workplace Local business district Healthcare Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Fishing	Bird watch Kayaking / people rid connecting					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine 'Painted Post Trail	Friends of the Chemung River Watershed			public boat launches along the Chemung River		Local parks and recre Walking Biking	Running / jogging Roller blad Hiking	Cross-cour Snowshoei Fishing	Bird watch Kayaking / Canoeing (improved)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River Watershed					Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Bird watch Kayaking / Canoeing (We NEED)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River W Pirozolo Park	Sperr Memorial Park				Restaurants and brew Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / Canoeing (The oppor)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River W Pirozolo Park	Sperr Memorial Park				Local busin Restaurants and brew Local parks and recre Walking Biking	Running / Trail races	Hiking	Bird watch Kayaking / Canoeing (A flatter ar)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River Watershed	Big Flats Community Park	Tanglewo Spencer Crest Nature Center	Schools an Libraries	Grocery stores	Restaurants and brew Local parks and recre Walking Biking	Running / jogging	Hiking	Bird watch Kayaking / Canoeing (Getting clc)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River Watershed	Sperr Memorial Park				Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Bird watch Kayaking / Canoeing (at specific)					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine Valley Trail	Friends of the Chemung River W Pirozolo Park	Big Flats Community Park				Local busin Restaurants and brew Local parks and recre Walking Biking	Running / jogging	Hiking	Bird watch Kayaking / Canoeing (More out)					
Bird watchers	Lackawann Trail	Friends of the Chemung River Watershed			Ek Birding Trai		Restaurants and brew Local parks and recre Walking Biking	Running / jogging	Hiking	Bird watch Kayaking / Canoeing (Communit					
Dog walke Bird watch Fishers / Boaters	Lackawann Catherine 'Painted Post Trail	Friends of Denison Park	Sperr Mem Big Flats Community Park	Houghton Tanglewo Spencer Crest Nature Center	Schools an Libraries	Grocery st Workplace Local busin Restaurant Healthcare Local parks and recre Walking Biking	Running / Trail races Roller blad Hiking	Cross-cour Snowshoei Fishing	Fishing	Bird watch Kayaking / Canoeing (The oppor)					

What is your email?

Open-Ended Response

ultimately somehow to the Lackawanna trail and the Catherine Valley trail safely. Safety on the roads is a concern for both bikers and pedestrians. Don't feel safe riding the roads anymore.

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Cmariedesigns777@gmail.com

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tunty to have easy access to trails

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Pshafer@stny.rr.com

eaautiful trails for everyone!

folckemer@icloud.com

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ublic spaces are the best!

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recreational opportunities. Connectivity between Elmira & Corning.

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river access points)

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Theballadofelrica@dcsg.com

Sarahhable@gmail.com

Damon2ndchance@gmail.com

s to walk and hike.

Shawhourshan@yahoo.com

rtuntings to be outside

Eliza24audio@gmail.com

copyxpres@aol.com

eing considered

to see the phasing plan address 45 mph and higher areas first. I'm okay biking and walking on lower speed limit sections.

torbanac@gmail.com

chelsie.m.maynard@gmail.com

a.rach.watkins@gmail.com

Rgfowler59@gmail.com

to our areas natural resources is a huge bonus for getting more tourists to visit.

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Daniellestrom@gmail.com

Amandagblack@yahoo.com

ood way to access a longer trail on my bike from Corning without having to use my car to transport the bike

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makenziewilson222@gmail.com

Howe4888@gmail.com

Hkeivens27@elmira.edu

river access points)

davidpastel@hotmail.com

ke. I grew up around here and travel to a lot of longer trails. It would be nice to have a great one in my backyard that long. I currently go between Athens pa and Watkins Glen frequently and there is a few places not much fun with traffic. This would be much safer

Jaryza@gmail.com

o run and bike outside away from cars ☺ please make it well-lit and visible for safety.

kmurray3@stny.rr.com

Canterzu2@gmail.com

Aerwillis90@gmail.com

memaye@gmail.com

river access points)

It would be a safe way to transit via bicycle from main areas - currently the roadways that parallel the proposed project have small shoulders. Also, as a kayaker with a bicycle, I love that this would connect points of access to the river and allow it so I could easily drop a kayak on one end, drive and then bike via the trail to make it so I could kayak one-way without asking a friend for a dropoff.

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of trails for horseback riding
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river access points)
river access points)
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Delanie.sweeney16220@gmail.com
allisonmf20@gmail.com
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ce for people (not in cars, but specifically pedestrians to be). Motor vehicles and distracted drivers are a big concern of mine. While I want to share this space with bicycles, I've found that most recreational cyclists ride their bikes on the sidewalk which feels dangerous for pedestrians. I also think this would create more thriving community for outdoor enthusiasts in general.

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river access points)
Jondmiller12@gmail.com
Rutter05@gmail.com
aplut251@gmail.com
area without cars and ability to go from Corning to Elmira.
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river access points)

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nd is a waste of money
river access points)
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ilent opportunity to have a scenic trail connecting two cities that are cultural destinations.

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to people moving!!!
to see and explore the beautiful Chemung Valley
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Sally.locey@gmail.com
river access points)
river access points)

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Princess_cocamocha@yahoo.com

river access points)

to walk to Corning due to no vehicle.
aslater2010@gmail.com

alien4007@hotmail.com
possibility
dvaughn151132@gmail.com

Chamblin@me.com
rnjhinstn@gmail.com
ties for more people to interact with nature in a positive way safely

; in Corning area

lanjellis1722@yahoo.com
Jamaloney@gmail.com

cshike63@gmail.com

maternbj@gmail.com
Pelchen_sj@hotmail.com

to ride my bike for longer distances without danger to traffic.

lambkr01@gmail.com
ejamison33@gmail.com
ltsain@braveworldmedia.com
Ketchum14@gmail.com
laurieagarnier@gmail.com
lends in this project
Johnthompson924@yahoo.com
from Corning, through Big Flats and into Elmira are gorgeous.
more without a car. And all the healthy fun there is to have outdoors.
lindsayusko@hotmail.com
JAllen13@stny.rr.com
g453bike@gmail.com
rfortunatley in this day and age public access just means more littering, vandalism and illicit activity. People who bought property along the river did it for privacy and most would like to keep it that way. Just go to any of the river access locations on any given day and you will find soda bottles, beer bottles, walmart bags, trash.
river access points
eddie.oconnor3@gmail.com

tunity to experience wildlife and nature related to the river valley, rather than always having public trails in the hills.
katie.corradini@gmail.com
jmuliner70@gmail.com
jmkagle@hotmail.com

timfrost77@yahoo.com
scottlyon66@gmail.com

JA84200@gmail.com
Dags33@aol.com
99turbosab@gmail.com

jeffmax17@yahoo.com

martin.r.samoylov@gmail.com
rther nature trail

loki47@gmail.com

rtunities to be outdoors and enjoy our beautiful area.

Jspagh74@gmail.com
YourAcancerOnNature@gmail.com
ing between towns in our valley, 20 miles or more. My spouse won't ride with me or anyone in the traffic around here because drivers don't respect cyclists.
edestrian connection between Elmira and Corning that takes advantage of the scenic river valley
tours to enjoy the beautiful area and improve health benefits
01stach-eelm@icloud.com
Ktjwoodruff@gmail.com

Habbomodus@gmail.com
thokes@gmail.com
Matthew.guagliardo@gmail.com
ties for hiking
lace close to home to bike on that isn't a road. Ideally it is away from the highway/ busy roads/ noisy traffic.

jriplinger@gmail.com
eamaintzer@outlook.com
s from Elmira to Corning or visa versa. It would be nice to have access to camping sites along the trails and the rivers
Garnersm@gmail.com

joshuahouse@gmail.com
FEHL27@HAWKMAIL.NEWPALTZ.EDU
lynnwilliams@gmail.com
srfarwell24@yahoo.com

re nature trails in the area that are not hilly
Daisyjane55@gmail.com
Jusasko@gmail.com
Cherliea@msn.com
espresso@stny.rr.com

Taylorhinds@aol.com
amyjean551@gmail.com

t in our environment so all can value its importance
george@emurphey.com

hv2lv2016@gmail.com
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Jessica14845@yahoo.com
elae5529@yahoo.com
foxelstheve@gmail.com
digregorioudouglas@gmail.com
ray_mckelvy@yahoo.com
Aidan.digregorio@gmail.com
winkky@gmail.com
e access to Elmira/Corning
Gstrawser@renovussolar.com
alperott@yahoo.com
Ken2661@outlook.com
I to go walking or biking
with the Erie Canal, I really wish we had a trail by our river!
Sabnsteve1314@hotmail.com
Zruier@gmail.com
pacilmer7@yahoo.com
ife, long, scenic trail to run.
mbiker04@gmail.com

eltzarns@gmail.com

joshbarrmint@gmail.com

ons to ride
en look at for several years it needs for once and all either go forward or just die

river access points)
rtdoor recreation that is useful and beneficial to the public! Beauty along the way would be wonderful!
d post trail is quite short, so access to a longer bike trail for people living in the Corning/pp area would be desirable.
cjamesw0926@gmail.com

Aslim119@aim.com

river access points)
Jschiek631@yahoo.com
river access points)
mike.cosier81@gmail.com
Reesejano856@gmail.com
Cruzpopov@yahoo.com
Krcnkay710@gmail.com

mjdishier@gmail.com
msvr@outlook.com

andrealynch94@yahoo.com

RodneyMcClelland13@gmail.com
river access points)
/mirando27@gmail.com
jhartman6@yahoo.com
friendofbuttermilkbiscuit@gmail.com
bamburt@yahoo.com
katemurphy327@gmail.com
vat the Elmira/Corning area will be further enriched by the addition of such a trail

Pshafer@stny.rr.com
Kristensmith2391@gmail.com
to go for significant mileage on a safe maintained car free path

ty to be away from road for outside activities but also a chance for safer travel/outdoor activities for individuals.

peggyanmac88@gmail.com
Fiamingoc1775@gmail.com
DHe@stny.rr.com
lgnje@yahoo.com
RaymondH2000@hotmail.com
Shari.smith100@gmail.com
he Chemung river at different points between elmira and corning to use for fishing.

scenery, while feeling safer.
veronob2000@yahoo.com
mhalperin@stny.rr.com

Kimberlymastrantonio@gmail.com
Chrisgsharkey@outlook.com
CindiNorton@gmail.com

birdpany@gmail.com

new
Dkuehner1986@gmail.com
rtasko_2@hotmail.com
Ckanyw@hotmail.com
Sweetaway616@gmail.com
Snowman00@sbcglobal.net
!that gets users away from dangerous traffic.
ddubois50@gmail.com
river access points)
d and river I knew when I was young. We use to bike to Elmira on single speed bikes.
Flarider@yahoo.com
DWhite@dwhitedesign.com

eudoane@yahoo.com

river access points)

gsdelgrosso@gmail.com
Wolfe11022@gmail.com
carmen9295@gmail.com
Galeyorio@aol.com

swsutton@wineglassmarathon.com
river access points)
Lcohen1@gm.slc.edu
more excited if it were limited to Horseheads and Corning. As it stands now it just seems like a potential issue and hazard to Corning residents.
amdbabo11@gmail.com

Quinnrf@corning.com

susansberry@gmail.com
jpesansky97@gmail.com
rgize the communities with pride.due to great resource available to them.
pesansky@gmail.com
twomuljaone@gmail.com
Zakkielcharge@gmail.com
; in a desperate need to a long and well maintained trail system!! So excited for this to happen!
pesanskym@gmail.com

JKather@elmira.edu
Marykatherine.schroeder@gmail.com

Ses@communityfund.org
krm525@yahoo.com

Mischa
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JeffreyScott@gmail.com
Kgashey@gmail.com
Asow123@gmail.com
joshandchris@verizon.net

1 other places with rail trails that are vital to the community. Our existing trails are all disconnected. I don't like to bike with vehicle traffic or transport my bike to a trail so I only use existing trails for walking. As they are, I have to drive to a specific park but none are long enough to be satisfying.

Onpetzold@gmail.com

Karymp@yahoo.com
Iventure in seeing nature and enjoying the beautiful area. Restful relaxing walkway
Kearston1@yahoo.com

river access points)

elkegm19@gmail.com
Jazziopela@yahoo.com
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places for out door cycling running
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K.hoover555@gmail.com
hseeley0314@gmail.com
hispenc@gmail.com
Sankatyfog@gmail.com

marycornell@yahoo.com
river access points)
libertyway31@icloud.com

wg05179119@aol.com
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pdemott15@gmail.com
outdoor rec is always wonderful!
Askowwron@gmail.com
Addisonturner@gmail.com
katloveceramics@gmail.com

biking areas
Mirozenko@yahoo.com

Samosborne00@yahoo.com

river access points)
Gehiks@corning.com

Corning where a true bike path is available to make biking safer.

arbond2@gmail.com
HollerComm100@gmail.com
zatoichwabisabi@gmail.com
katiIn.nebson.miller@gmail.com
it out more easily to enjoy nature
particularly longer distances
Katiebethnov@gmail.com
Amcruz0722@gmail.com
Lisaag8@me.com
Christyballett@gmail.com

liberator@me.com
jpbalok@gmail.com
Lmhermann1220@gmail.com
sportunity to get outside. Change of scenery from my usual routes. Usage by people along that route that might not be able to get out and use other trails.
Pmd240@yahoo.com
cstandt@stny.rr.com
eople go back and forth between Elmira and Corning that they are like sister cities. The idea of further connecting them via bike path is a great idea. In particular the path should be something that tourists could take that winds its way near restaurants bars shops
Warnerg19@gmail.com
Jetersdad@yahoo.com

the overall accessibility for outdoor activities in this area
a path for runners, bikers, and any age groups for walking. City sidewalks are not safe with bumpy surfaces with cars driving very fast and safe hazards.
andrey.prosvirin@gmail.com
Karlson1515@gmail.com
Jannelongwell51@gmail.com

river access points)

tunity to connect two different areas together in a safe way

Mbrink@stny.rr.com
e to run

Sanmissk@hotmail.com

Rbarbour17@gmail.com
to have a trail to ride connecting Elmira to Corning!
ife, off road trail to walk/run
Scott@pinetyboarding.com
awaterlilley4@yahoo.com
susan338p@gmail.com
river access points)

Lusack@outlook.com
oconnordixie@gmail.com

arronfshr22@gmail.com
new to do outside with a chance to interact with nature. Similar to PA Grand Canyon trails
Takeasurvey@gmail.com

tunity to bike more for longer distances without having to drive to the CVT or the Lackawanna

: to run

Katherine.fultz@gmail.com
Megmrc14@yahoo.com
ce runner, it would be amazing to be able to run distance without having to co.bat traffic on busy roads.
Melashonpatton@gmail.com
: to age in place (my community)
Sunshinemccoy2000@gmail.com
Wendyamin165@gmail.com
natpiph@gmail.com

river access points)

Cl@stny.rr.com

Josh@pelomedusa.com

Sruhmel51@gmail.com
safe, groomed, trail opportunities.

jdmcclvtt9008@gmail.com

Juliekoski13@gmail.com
Kbenenson65@gmail.com

ess to cycling safe paths
Dnybeck92@gmail.com
ie away from cars
river access points)
jpswett@stny.rr.com
Shoppinshannon@aol.com
Tippmik@gmail.com

Smbranch1995@gmail.com
Collinscr721@gmail.com
Valerie.christie@comcast.net
river access points)

Dp199596@yahoo.com
whittja@gmail.com
i communities to each other and the outdoors
Ehasson924@gmail.com
tional activities
Hilarystrong4@hotmail.com
ould have a great outdoor trail.

river access points)
bjstudent@aol.com
trackpat7@gmail.com

Spwhite95@gmail.com
Ksheriq@gmail.com
opportunity for outdoor activity for all.
elainespacher@gmail.com

ddition of somewhere else to walk and explore

Sharpe_bnc@yahoo.com
es me about this idea is that we are finally utilizing the river and a great way to get people outside and moving.

Thecyclingmailman1@yahoo.com
Tracynist@yahoo.com
ns for biking and running;
rtunities to be outside
Jfh9279@gmail.com
skirkvt@gmail.com

river access points)
Liverunfaith@gmail.com
e to explore, while being out in nature!

mbrund33@gmail.com
Barbfla1@gmail.com
; to drive somewhere in order to ride / run on a no vehicles allowed path
carr@stny.rr.com

loisapri9@Gmail.com

ng and it's my primary mode of conveyance so I'm excited for more safe options. I have no problem sharing the road with motorists but prefer protected lanes/designated bike paths!
Orworld@gmail.com
Erwilliamson16@gmail.com
Tlagonegro@stny.rr.com
alainnasavage@outlook.com

selayerayers@gmail.com

river access points)
Knollnvoid@hotmail.com
cocheesy@aol.com

curtralley@gmail.com
Danhongtong@gmail.com
Maryrock627@gmail.com
David.viele@aol.com

river access points)

here is a Lackawanna Trail in Elmira and no one utilizes that either.

Schromcraig87@gmail.com
Louchon@gmail.com
Molly@cagwinphoto.com
mikehoran99@gmail.com
Wiljem@aol.com
Lesliemayeston@yahoo.com

cycling areas that avoid traffic, Stronger interconnection between the local municipalities that doesn't rely on C-Tran.

Elizabethanne215@yahoo.com
rtunities for outdoor activities

Erincorky@aol.com
14905
oor public areas to explore
ther option for hiking, walking and cycling.

Jamescramer@netscape.net
Fammienevt@gmail.com
amber.tremper@gmail.com
s to walk and enjoy nature.
Swish19@gmail.com

Heathercorsi24@gmail.com
jepuman@msn.com
elizabethapenman@gmail.com

oor activities increases quality of life
ppage975@gmail.com

seamuskenedy@gmail.com

Ja_nichols@yahoo.com
cdeery14@gmail.com
river access points)
Hmellis33@gmail.com

Kathycdc@gmail.com
ddunn202@gmail.com
provide a safe path for non-motorists to travel between Corning and Elmira. As a kid, I rode my bike on 352, and it was too close to traffic.
river access points)
cauterize.af@gmail.com

I walking path!
Mj5103@yahoo.com
y happens.

david.j.davie@gmail.com
Flaysdats@yahoo.com
river access points)
Lms155@yahoo.com
options especially if along the river
B3lft@yahoo.com
Megamathie@yahoo.com
river access points)

Kelamady@gmail.com
beliso@gmail.com

Dante.acquavella@gmail.com

ry questions. But I definitely am always loving the idea of new trails, new places to explore nature with my family and hope to encourage those around me to do so by have more options (that are safe).

Kenanuel00@gmail.com

Trekriders2012@gmail.com

f a new trail system connecting our local communities and providing everyone with year round access to outdoor recreation is very exciting!

to recreational use — which is a great reason on its own — this trail would improve people's ability to get around without cars. We have so many roads locally without safe pedestrian or cycling access, and public transit doesn't fix that issue.

ess to a long trail to hike/bike off the road!
river access points)

Lois_mcnaughton@yahoo.com

ifoster815@hotmail.com
haleyrsonicku@gmail.com
majtgp@gmail.com

lydia.b.139@gmail.com

river access points)

g communities

river access points)

ger trails to ride bike or walk in our area (that motor vehicles can't drive on)

Nebelofelestial@gmail.com

Becca.connors@gmail.com

Browjr82@gmail.com

river access points)

Ray14845@outlook.com

to bike ride off roads

yliebaron@gmail.com

afhcueva@gmail.com

chill1229@gmail.com

river access points)

michelewolcott75@gmail.com

mandieleigh112@hotmail.com

Larrabem15@gmail.com

Njhowe87@gmail.com

Fic29pic@yahoo.com

inal and fun way to connect Corning to Elmira!

ty for connecting communities

toweryamy@gmail.com

Jillgetola@gmail.com

phil.kwasney@gmail.com
--
wagner18@yahoo.com

marriedluvinet@gmail.com

tbfor outdoor walking with new views.
river access points)
o connect existing bike trails for expanded bike recreation and tourism access would be amazing - connect to Lackawanna, Catherine, and bike trail out to Corning would be incredible.
that motor vehicles are excluded (except for access points, put-ins for kayaks and canoes, and emergency vehicles) is a serious positive to me!
jualet@sny.rr.com
megsaxton@gmail.com
Shes26@aol.com

hilk.s.c@gmail.com
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river access points)
Dparsons57@yahoo.com

river access points)

atkather@gmail.com

Richardjurban@gmail.com

Stacyward607@gmail.com

happening? I have ridden my bike from Corning to Elmira and not felt safe. This will be a most welcome community improvement.
e to ride bikes with my kids that is nearby.
rmason1@sny.rr.com

Ziarnard@gmail.com
an addition of outdoor opportunities to enjoy.
Jerod.Buell@med.Lecom.edu
ation to go for outdoor recreation
ortunity to get outdoors and connect our communities. This would be a great connection to the new Susquehanna Basin Water Trail being developed.
pomme217@gmail.com
Kleejrm@hotmail.com

river access points)

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jms27@yahoo.com
Leah.h.murray@gmail.com
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Rachelhowelloneill@gmail.com
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.and longer place to run.
Hobbbs79@gmail.com

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river access points)
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ccess and use of the river, connect Corning and Elmira with easy to access walking and biking paths
river access points)
river access points)
Tatyana607@yahoo.com
} multiple, areas

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Kyle Reynolds
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2ek837@gmail.com
Lberogers@yahoo.com
Tocka83@yahoo.com
river access points)
Jamescouten@gmail.com
o ride bicycle to corning
Myob
a.rawleigh@gmail.com
bikelady92@yahoo.com
rkspence@hotmail.com
jrogers1034@gmail.com
bilty to connect local communities in another avenue than having to drive a car. Increased opportunity to be outdoors
Hewitt.brian@protonmail.com
rist recreation!
Noreendieg@gmail.com
nattebird129@gmail.com
apzimm@gmail.com

emilyelzsmith@gmail.com
ople won't bicycle unless they have separation from automobile traffic.

Jennifer.bertron@gmail.com
Tstar1234@gmail.com
grf9327@gmail.com
helenczaj@gmail.com
mjcarp07@aol.com

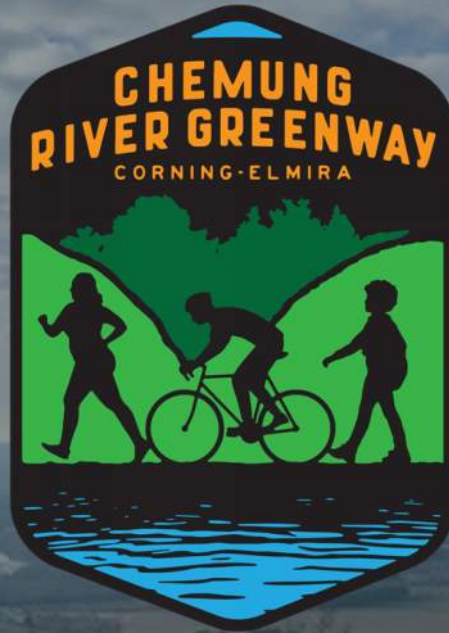
tion starts And, is finished. The other trails had years of slow/ delays.

mdw214@fastmail.com
Aarondmanchester@gmail.com
dahotchks@juno.com
daniel@danielrzk.com
shane@shanedubois.com
Grandview119@gmail.com
gstrong5@live.com
rtunities to bike in a safe environment.

dmorsch15@gmail.com
des, but I don't like trails that aren't loops. I hope there is enough free parking at several points, something is done about the mosquitoes, and that these projects don't increase my already way too high tax burden.
pffman@gmail.com
3radar223@gmail.com
jenkoster@gmail.com
capt.lrb@hotmail.com
karen.s.wood@icloud.com

johfish14830@gmail.com
river access points)
bthomas73@gmail.com
oor opportunities

y investment.
river access points)
jvaughn@LabelaPC.com



STAKEHOLDER & PUBLIC ENGAGEMENT SUMMARY

STAKEHOLDER ENGAGEMENT

- Total of 17 stakeholder meetings
- General consensus of project support



COMMON ISSUES IDENTIFIED

- Easement modification
- Hazardous materials and conditions
- Maintenance and management partnerships
- Access to parking and restrooms
- Safe roadway crossings

CONSIDERATIONS AND RECOMMENDATIONS

- Development of municipal maintenance agreements
- Ensuring connection to various parks and existing trails
- Avoiding floodplain zones
- Development of partnerships for ongoing engagement

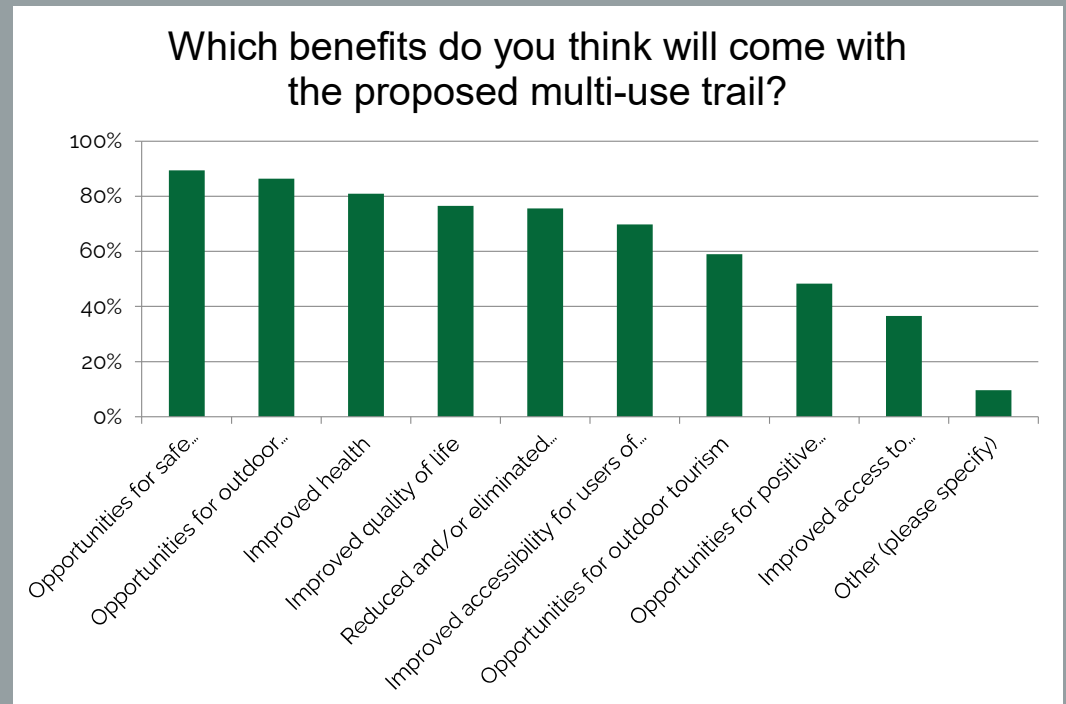
PUBLIC ENGAGEMENT

- Total of **884** responses
- **41%** of respondents utilize trails **occasionally**
- **33%** of respondents utilize trails **weekly**



OPPORTUNITIES AND CHALLENGES

- Opportunities for safe bicycle/pedestrian access (89%)
- Opportunities for outdoor recreation (86%)
- Improved health (81%)
- Improved quality of life (77%)
- Reduced and/or eliminated interaction with motor vehicles (76%)
- Improved accessibility for users of all ages and abilities (70%)

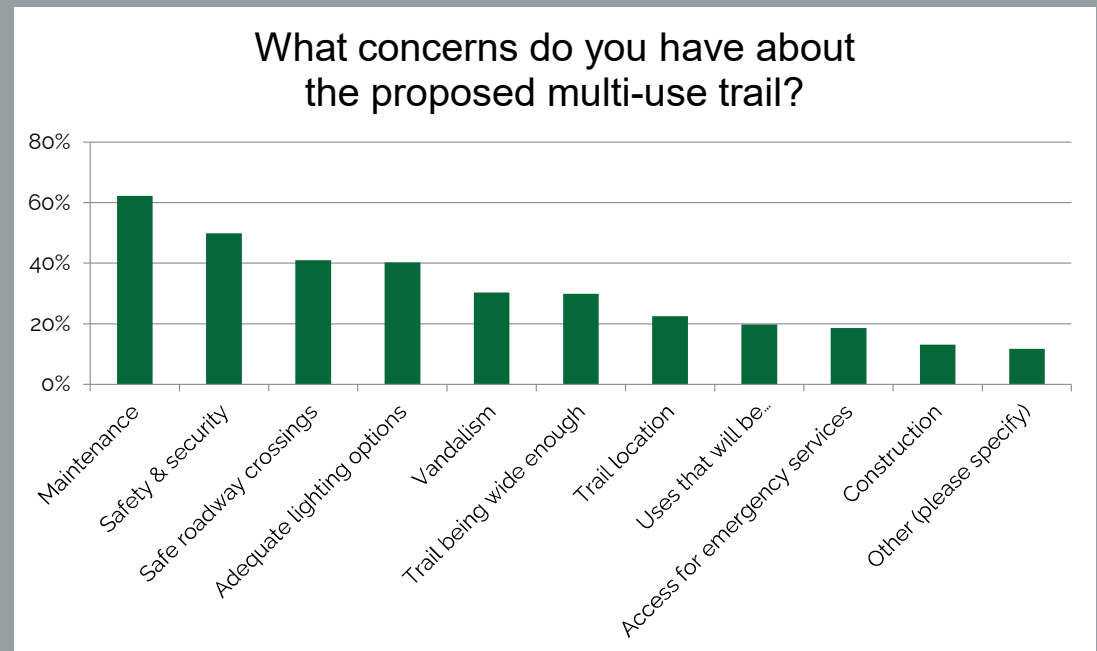


OPPORTUNITIES AND CHALLENGES

- Maintenance (62%)
- Safety & Security (50%)
- Safe roadway crossings (41%)
- Adequate lighting options (40%)

Additional:

- Property ownership
- Funding
- Crime
- Access to parking / bathrooms

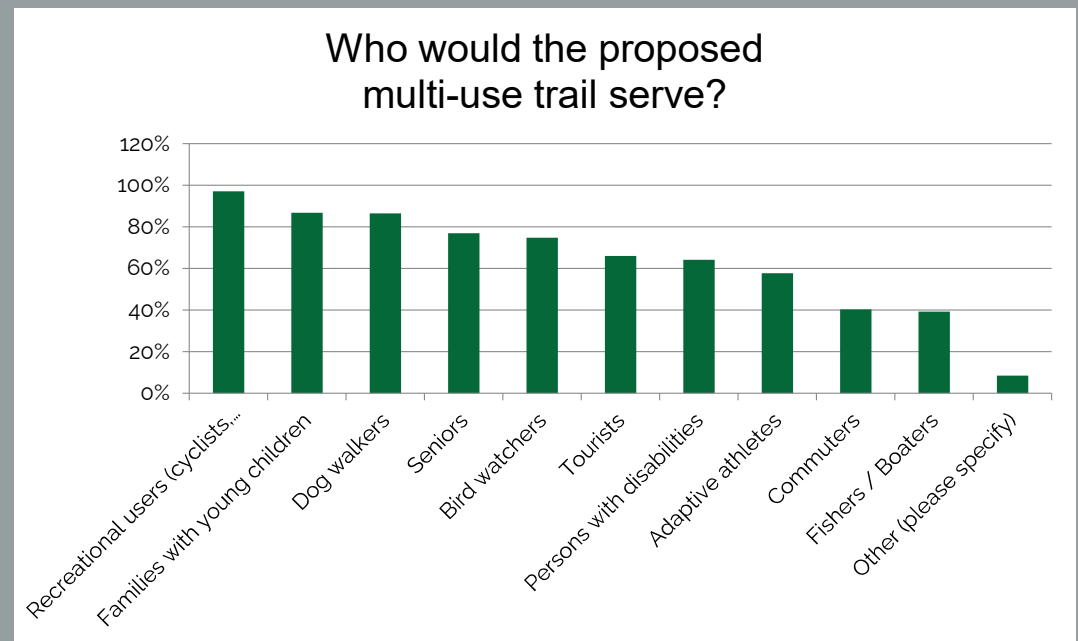


OPPORTUNITIES AND CHALLENGES

- Recreational users (ie. cyclists, pedestrians, and roller bladers) (97%)
- Families with young children (87%)
- Dog walkers (86%)
- Seniors (77%)
- Bird watchers (75%)

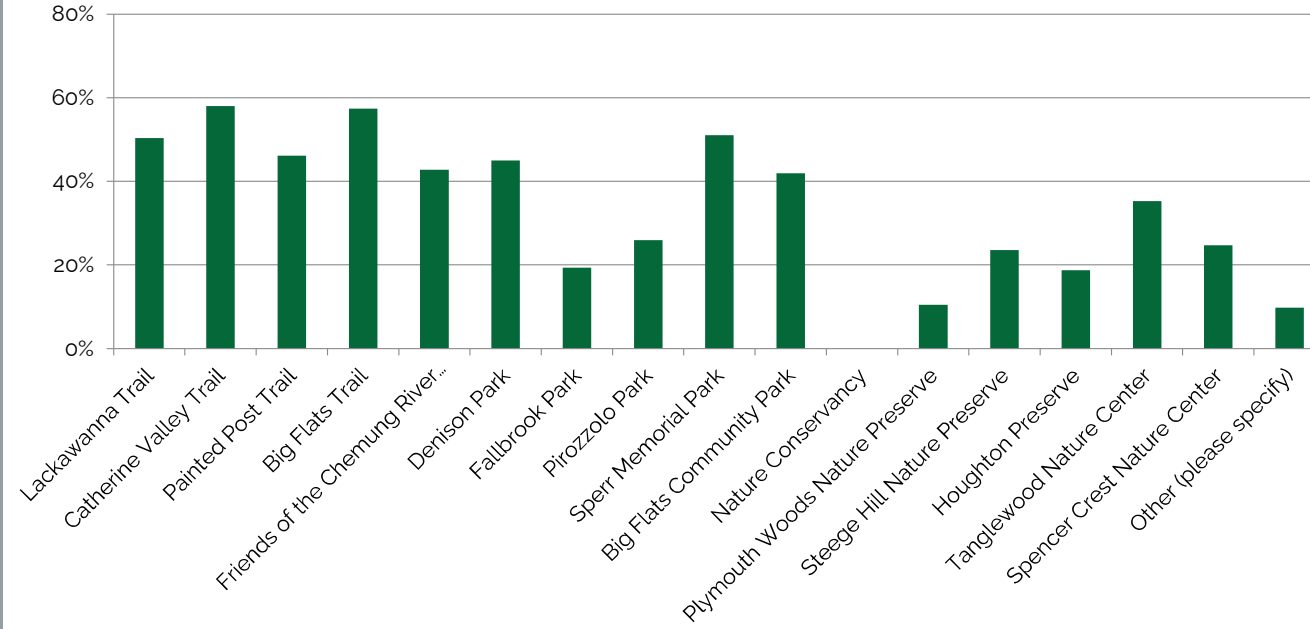
Additional:

- Equestrian use / access
- Educational groups
- cross-country skiers



TRAIL CONNECTIVITY

What existing trails, nature preserves, and/or public amenities would you like to see connected to the proposed multi-use trail?

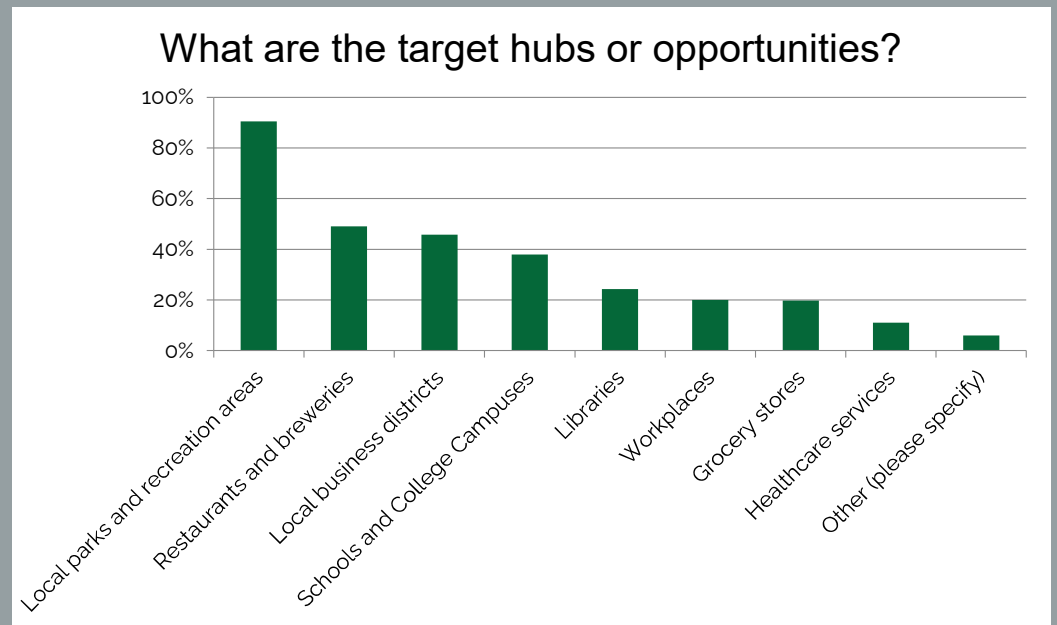


TRAIL CONNECTIVITY

- Connectivity of local parks and recreation areas (91%)
- Restaurants and breweries (49%)
- Local business districts (46%)
- Schools and college campuses (38%)

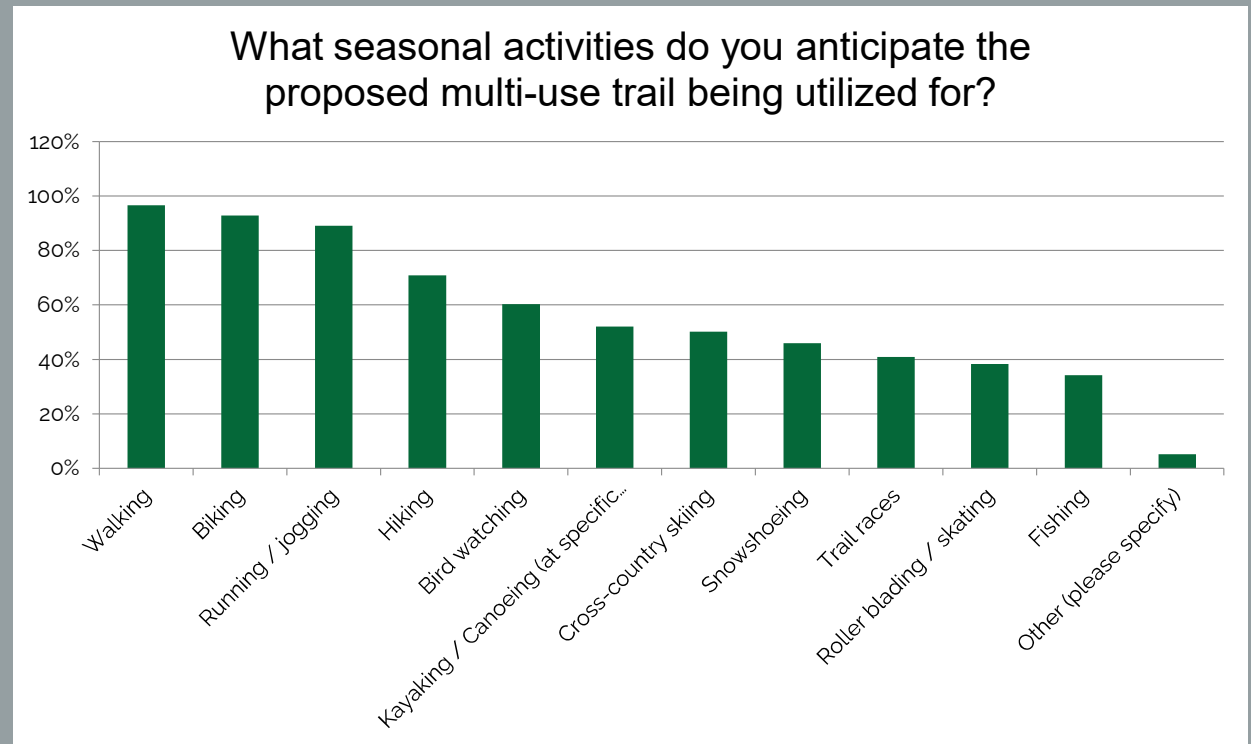
Additional:

- Museums
- Public art
- Medical services

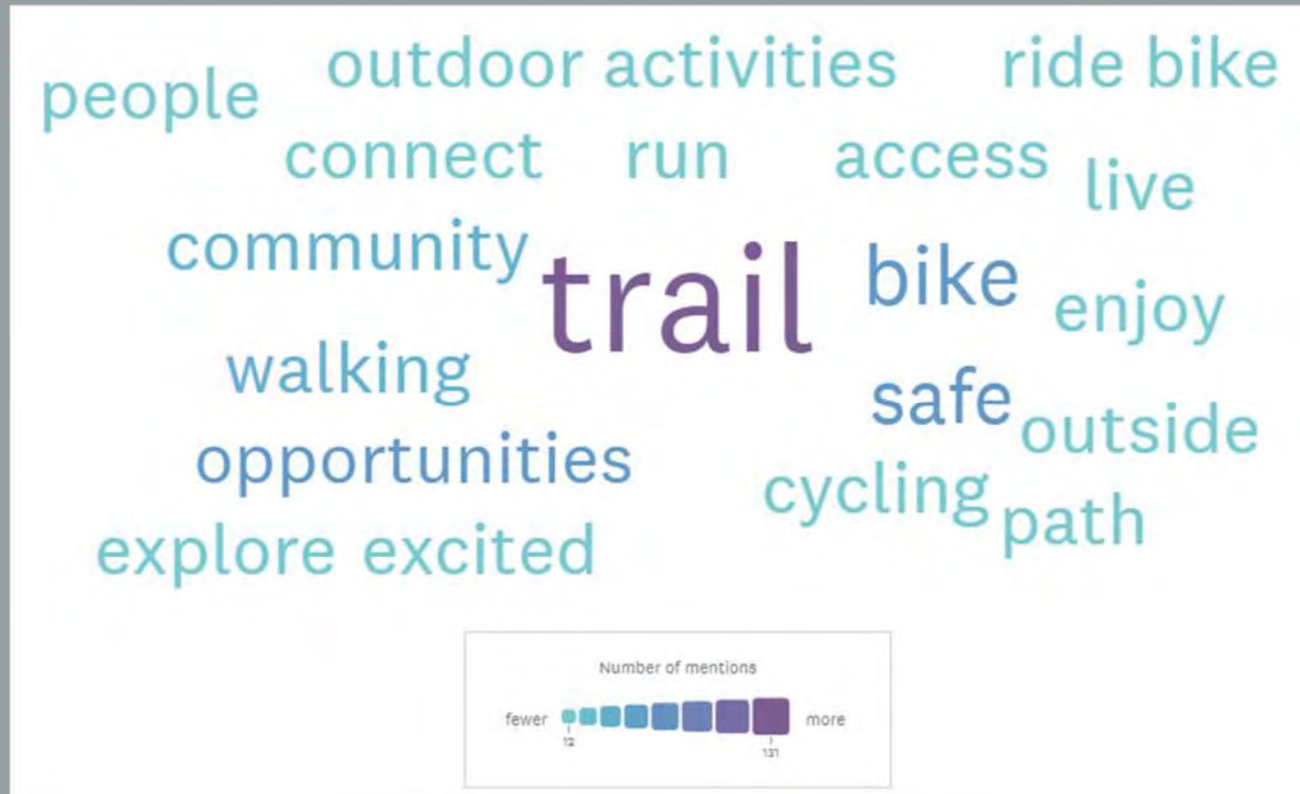


TRAIL CONNECTIVITY

- Walking (97%)
- Biking (93%)
- Running / Jogging (89%)
- Hiking (71%)
- Bird watching (60%)



WHAT'S MOST EXCITING ABOUT THIS PROJECT?



OPEN HOUSE EVENTS

- March 20th – Elmira College Teach-In, 11am-12pm
- March 20th – Big Flats Community Center, 6-8pm
- April 1st – Steele Memorial Library, 5-7pm
- April 22nd – Town of Elmira Community Center, 5-7pm
- April 23rd – Southeast Steuben County Library – April 23rd, 4:30-6:30pm
- Wineglass 8K Event / GlassFest – May 25th, 7am-4pm
- ~90 open house participants



KEY TAKEAWAYS

- Participants want more car-free trail options in their communities
- Participants want improved community connectivity
- Participants want a continuous linear trail
- Participants have mixed feedback on the trail being paved vs. non-paved
- Participants' main concerns are upkeep / maintenance, safety / crime, and homeowner privacy





**APPENDIX E:
TRAIL AND TRAILHEAD
SUMMARY INFORMATION**

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
0-TH	Lackawanna Trailhead	Lackawanna Trailhead	900 E Water Street	90.17-1-2	NA	NA	City of Elmira	This existing trailhead is located across East Water Street from Kennedy Valve, the parking area features ample parking, there are no amenities here.		
1-A	Lackawanna Trail to Pirozzolo Park - Second Street	Lackawanna Trailhead	E Water Street	90.17-1-2	Trolley Trailhead	88.00-1-32	City of Elmira, Town of Elmira	Trailhead on East Water Street near the City of Elmira East	East Water Street Park with Norm Hatch Municipal Field, Lackawanna Trail,	4
1-B	Lackawanna Trail to Trolley Trailhead - Bike Route 15	Lackawanna Trailhead	E Water Street	90.17-1-2	Pirozzolo Park	98.11-4-18	City of Elmira, Town of Elmira	Trailhead on East Water Street near the City of Elmira East Water Street Park,	East Water Street Park with Norm Hatch Municipal Field, Hendy Elementary	2
1-TH	Pirozzolo Park	Pirozzolo Park	1225 W Water St	98.11-4-18	Pirozzolo Park	98.11-4-18	Town of Elmira	Approximately 20-acre park located behind the Town of		
1-C	Pirozzolo Park to Trolley Trailhead	Pirozzolo Park	1225 W Water St	98.11-4-18	Trolley Trailhead	88.00-1-32	Town of Elmira, Town of Big Flats	0.45 miles from the parking area, crossing between the ball	Pirozzolo Park, Chemung River	20
2-TH	Trolley Trailhead - Parking and Trail Head	Trolley Trailhead	1890 W Water Street	88.00-1-32	NA	NA	Town of Big Flats	Recommend develop parking for 4 vehicles. Information and safety signage.		
2-A	Trolley Trailhead to Nature Conservancy	Trolley Trailhead	Fitch's Bridge Boat Launch	Multiple	Nature Conservancy Trailhead	87.00-1-30	Town of Big Flats	Trolley Trailhead at the Town of Elmira Highway Garage, note this trail segment is rugged, single track,	Former trolley line, natural beauty of The Nature Conservancy protected lands.	7
2-B	Trolley Trailhead to Kehoe Nature Preserve	Trolley Trailhead	Fitch's Bridge Boat Launch	Multiple	Kehoe Nature Preserve	87.00-1-44.11	Town of Big Flats	Begin at the Trolley Trailhead, note additional parking riverside at the Fitch's	Scenic Chemung River	1
3-TH	Nature Conservancy Mini-trail head	Nature Conservancy Trailhead	1165 NYS Route 352	87.00-1-30	NA	NA	Town of Big Flats	Recommend parking for 4-cars at this location, maintain gravel surface, informational and safety signage, no amenities.		

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
4-TH	Big Flats Trailhead	Big Flats Trailhead	2346 NYS Route 352	87.00-1-19	NA	NA	Town of Big Flats	Recommend parking for 6 cars at this location		
4-A	Big Flats Trailhead to Carpenter Road Trailhead	Big Flats Trailhead	2346 NYS Route 352	Multiple	Carpenter Road Trailhead	76.00-2-27	Town of Big Flats	Big Flats Trailhead and travel west along a wooded path for 0.25 miles to connect	Scenic views, creekside trail, Dippity Do Dahs creamery	14
5-TH	Carpenter Road Trailhead	Carpenter Road Trailhead	66 Carpenter Road	76.00-2-27	Carpenter Road Trailhead	76.00-2-27	Town of Big Flats	Recommend parking for 6 cars at this location. Signage.		
5-A	Carpenter Road Trailhead to Corning Incorporated Big Flats Plant Trailhead	Carpenter Road Trailhead	66 Carpenter Road	76.00-2-27	Corning Incorporated Big Flats Plant Trailhead	66.04-3-20	Town of Big Flats	Road Trailhead, travel 0.35 miles northeast on Carpenter Road, cross on the new pedestrian bridge, continue on Carpenter Road for	Scenic farm lands and fields, Sing Sing Creek,	2
6-TH	Corning Incorporated Big Flats Plant Trailhead	Corning Incorporated Big Flats Plant Trailhead	673 County Route 64	66.04-3-20	Corning Incorporated Big Flats Plant Trailhead	66.04-3-20	Town of Big Flats	Corning Incorporated Plant, existing parking lot with adequate parking. No amenities at this location. Informational sign.	Ample existing parking.	
6-A	Corning Incorporated Big Flats Trailhead to Sperr Park	Corning Incorporated Big Flats Plant Trailhead	673 County Route 64	66.04-3-20	Sperr Park	57.02-2-60	Town of Big Flats	Begin at Corning Incorporated Big Flats Plant and travel east and north for 0.4 miles through aside	Scenic forest and ponds, pedestrian bridge, Sperr Park with playground, ponds, pavilions,	5
7-TH	Sperr Park Trailhead	Sperr Park	Kahler Road South	57.02-2-60	Sperr Park	57.02-2-60	Town of Big Flats	Existing Trailhead with parking for 25 vehicles, pavilion, playground, portable restroom, signage, Big Flats Linear Trail	Sperr Park, Big Flats Linear Trail, Playground	
8-TH	Big Flats Linear Trail Trailhead at Maple St and Winters Road	BF at Maple	Winters Road, Maple Street, Hibbard Road	66.04-2-3	NA	NA	Town of Big Flats	Existing Trailhead parking for 8 vehicles, signage, garbage cans.	800-feet to Big Flats Elementary School.	
8-A	Big Flats Linear Trail at Maple St to Olcott Road	BF at Maple	Winters Road, Maple Street, Hibbard Road	Multiple	Olcott Road S, Maple Street	66.04-1-63.112	Town of Big Flats	Begin at the parking area at the corner of Maple Street and Winters Road, walk up a slight grade to	Big Flats Community Center, Miniers Plaza, Big Flats Library,	1

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
8-B	Big Flats Linear Trail to Big Flats Community Park	Big Flats Linear Trail	476 Maple Street, Big Flats Community Center	66.04-2-3	1 Pavilion Drive, Big Flats Community Park	66.04-4-21	Town of Big Flats	From the Big Flats Linear Trail between the Big Flats Community Center and the new housing	Big Flats Community Center, Big Flats Community Park.	4
9-TH	S Olcott Road Trailhead	S Olcott Road	S Olcott Road	66.04-2-3	NA	NA	Town of Big Flats	New Trailhead, recommend 2-4 vehicles.		1
9-A	S Olcott Road to Beverly's Pond	Starts on corner of maple and Olcott Road S	Olcott Road S, Maple Street	66.04-1-63.115	End at Beverly's Pond	NA	Town of Big Flats	From Olcott Road at the end of Big Flats Linear Trail, turn north on Olcott Road South for 600 feet, turn east on Maple Street for 0.25 miles, head north on Bridge	Beverly's Pond	3
10-TH	Big Flats Community Park	Intersection of Main Street and Hammond Street	1 Pavilion Drive	66.04-4-21	NA	NA	Town of Big Flats	Playground, ball fields, restrooms, walking trails, pickle ball courts, ponds, restrooms, pavilions,		
11-TH	Beverly's Pond	Beverly's Pond Landing	Beverly's Pond Big Flats NY	NA	NA	NA	Town of Big Flats	Existing Trailhead		
11-A	Beverly's Pond to Guthrie Hospital	Beverly's Pond Landing	Beverly's Pond Big Flats NY	NA	Guthrie Corning Hospital, 1 Guthrie Drive, Corning NY	319.00-01-020.200	Town of Big Flats Town of Corning	Begin at the Beverly's Pond parking area travel west along the berm around Beverly's Pond, follow the berm west	Beverly's Pond, Guthrie Hospital	8
12-TH	Guthrie Hospital Trailhead	Guthrie Hospital	Guthrie Corning Hospital, 1 Guthrie Drive, Corning NY	319.00-01-020.200	NA	NA	Town of Corning	Recommend construct new parking area for 8 cars along Guthrie Drive.		
12-A	Guthrie Hospital to Denison Park	Guthrie Hospital	Guthrie Corning Hospital, 1 Guthrie Drive, Corning NY	319.00-01-020.200	Denison Park	318.14-03-074.000	City of Corning	From Guthrie Hospital near the pond travel west along State Route 352 to Denison Park.	Guthrie Hospital, Corning Country Club, Denison Park.	12
12-B	Guthrie Hospital Loop	Guthrie Hospital	Guthrie Corning Hospital, 1 Guthrie Drive, Corning NY	319.00-01-020.200	Guthrie Hospital	319.00-01-020.200	Town of Corning	0.784Mile loop around the Guthrie Hospital Pond	Guthrie Hospital, scenic pond. Loop trail.	2

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
12-C	Guthrie Hospital Feeder Canal to Goff Road	Guthrie Hospital	Guthrie Corning Hospital, 1 Guthrie Drive, Corning NY	319.00-01-020.200	Trail Segment 12-A at Goff Road and Route 352		Town of Corning	From guthrie Hospital near the pond, travel north to the Chemung Feeder Canal. Follow the Feeder Canal west for 0.8 miles to Goff Road, and travel south on Goff Road to the intersection of State Route 352.	Guthrie Hospital, scenic pond and views, historic Chemung Feeder Canal established in 1833, a 13-mile horse drawn barge canal between Gibson and Horseheads.	5
13-TH	Denison Park	Denison Park TH	Denison Park	318.14-03-074.000	NA	NA	City of Corning	Denison Park, parking, restrooms, pool, playground, fields, frisbee golf, pond, picnic areas.		
13-A	Denison Park to YMCA	Denison Park TH	Denison Park	318.14-03-074.000	YMCA: 127 Centerway Corning, NY	317.08-01-050.100	City of Corning	Denison Park west on shared roadway, north on Conhocton Street with opportunity to continue to Chemung River boat launch, west on East Tioga Ave through Fallbrook Park, east to Riverfront Park and north on the Pedestrian bridge.	Denison Park, Fallbrook Park, Riverfront Park, Farmers Market, Market Street, Corning Incorporated Headquarters, Market Street, Chemung River, YMCA, Corning Museum of Glass, Corning Painted Post High School	3

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
13-B	Riverfront Centennial Park to Corning Wegmans to Trail Segment 14-A	Riverfront Centennial Park	E Tioga Ave	318.09-03-001.000	24 S Bridge Street, Corning, NY	317.08-01-066.00	City of Corning	Travel on existing brick paved multi-use trail between Corning Incorporated Headquarters and Chemung River, west to Bridge St, travel to pedestrian crosswalk to cross to Wegmans, proceed on trail north onto Bridge Street utilizing existing sidewalk and signed roadway.	Centennial Park, Corning Incorporated Headquarters, Big Joe, Bronze Statue, Wegmans	3
14-TH	YMCA	Corning YMCA	YMCA: 127 Centerway Corning, NY	317.08-01-050.100	NA	NA	City of Corning			
14-A	YMCA to Painted Post Trail via roadways	Corning YMCA	YMCA: 127 Centerway Corning, NY	317.08-01-050.100	Painted Post TH, Cutler Ave. Extension	NA	City of Corning	The trail begins at the Corning Family YMCA and Corning Museum of Glass. The pedestrian route travels west on existing sidewalks and marked pedestrian crosswalks on	Corning Family YMCA, Corning Museum of Glass, Corning Community Center, Hillvue Park, William Street Park, and Riverside/ Painted Post Trail	6
W-TH	Corning Wegmans	Corning Wegmans	24 S Bridge Street, Corning, NY	317.08-01-066.00						
15-TH	Painted Post Trailhead	Painted Post TH	Painted Post TH, Cutler Ave. Extension	299.16-03-001.000	NA	NA	City of Corning			
15-A	Painted Post Trailhead to Stewart Park	Painted Post TH	Painted Post TH, Cutler Ave. Extension	NA	Stewart Park	Painted Post NY	City of Corning	West from Riverside Painted Post Trail along former railway easement to Princeton Ave Ext, North to North Frankline St and West to Stewart Park Existing Village Park		3
16-TH	Craig Park Trailhead	Craig Park	27 Victory Highway, Painted	229.09-02-015.110	NA	NA	Village of Painted Post	includes open air		

Section Number	Section Name	Start Point Description	Start Point Address	Parcel Number	End Point Description	End Point	Municipality	Segment Description	Points of Interest	Parcel Count
16-A	Craig Park to Kinsella Park	Craig Park	27 Victory Highway, Painted	229.09-02-015.110	Kinsella Park	298.00-01-003.200	Town of Erwin	Exit Craig Park on the north onto State	Note busy roadway. Craig Park, Corning-	6
17-TH	Kinsella Park Trailhead	Kinsella Park	106 Canada Road Erwin	298.00-01-003.200	NA	NA	Town of Erwin	Kinsella parks hosts Small Fry Football,		
17-A	Kinsella Park to First Responders Honor Park	Kinsella Park	106 Canada Road Erwin	298.00-01-003.200	First Responders Honor Park	ROW	Town of Erwin	travel east through the park to the	residential areas, First Responders Honor	19
17-B	Spur to Erwin Valley Elementary School	CVT near Beartown Road	70 Beartown Road	316.00-01-010.121	Erwin Valley Middle School	316.04-01-075.100	Town of Erwin	Segment 17-A to Erwin Elementary	Erwin Valley Elementary School	5
18-TH	First Responders Honor Park	First Responders Honor Park	South Hamilton Street and Forest Drive	ROW	N/A	N/A	Town of Erwin			
18-A	First Responders Honor Park along Jones Road to Bad Bear Hill Parking	First Responders Honor Park	South Hamilton Street and Forest Drive	ROW	Bad Bear Hill, Reep Road	369.00-02-0004.100	Town of Erwin & Town of Lindley	The trail begins at the First Responders Honor Park where there is limited on-street parking available for trail users. The trail continues 1.52 miles southwest down Jones Road before using private parcels for the off-road section of this trail. The off-road section	Corning Diesel Plant, Purina Plant, Village of Addison, Finger Lakes Land Trust lands	7
19-TH	Bad Bear Hill Parking	Bad Bear Hill Parking	Reep Road	369.00-02-0004.100	N/A	N/A	Town of Lindley			

Section Number	Section Name	Owner Count	Private Owners	Public Owners	Zoning District Classification	Flood Zone Classification	Wetlands	Environmental Remediation	DAC / PEJA	Rare Plants and Animals	Historic
0-TH	Lackawanna Trailhead				General Industrial						
1-A	Lackawanna Trail to Pirozzolo Park - Second Street	4	1	3	COE: General Industrial, Conservation, Gateway Commercial, Residential 1-4 Family, Central Commercial, Neighborhood Commercial, Residential 1 Family TOE: Residential Low Density, Residential	X/AE	No	2	Yes	Yes	No
1-B	Lackawanna Trail to Trolley Trailhead - Bike Route 15	2	0	2	General Industrial, Conservation, Gateway Commercial, Residential 1 Family Large Lot, TOE: Residential Low Density, Residential Moderate Density, Residential High Density	X/AE	No	2	Yes	Yes	No
1-TH	Pirozzolo Park										
1-C	Pirozzolo Park to Trolley Trailhead	15	11	1	Conservation, Residential Moderate Density, Neighborhood Business	X/AE	No	0	No	Yes	No
2-TH	Trolley Trailhead - Parking and Trail Head				Business Neighborhood						
2-A	Trolley Trailhead to Nature Conservancy	3	1	2	Business Neighborhood, Rural, Conservation	X/AE	No	0	No	Yes	No
2-B	Trolley Trailhead to Kehoe Nature Preserve	1	1	0	Business Neighborhood, Residential 2, Conservation	X/AE	No	0	No	Yes	No
3-TH	Nature Conservancy Mini-trail head				Conservation						

Section Number	Section Name	Owner Count	Private Owners	Public Owners	Zoning District Classification	Flood Zone Classification	Wetlands	Environmental Remediation	DAC / PEJA	Rare Plants and Animals	Historic
4-TH	Big Flats Trailhead				Conservation						
4-A	Big Flats Trailhead to Carpenter Road Trailhead	9	9	1	Conservation, Rural	X/AE	No	0	No	Yes	No
5-TH	Carpenter Road Trailhead				Conservation						
5-A	Carpenter Road Trailhead to Corning Incorporated Big Flats Plant Trailhead	2	1	1	Conservation, Residential 1, Industrial	X/AE	Yes	1	No	Yes	No
6-TH	Corning Incorporated Big Flats Plant Trailhead				Industrial						
6-A	Corning Incorporated Big Flats Trailhead to Sperr Park	5	5	0	Industrial, Residential 2, Business Non-Retail, Airport Business Development	X	Yes	1	No	No	No
7-TH	Sperr Park Trailhead				Business Non-Retail						
8-TH	Big Flats Linear Trail Trailhead at Maple St and Winters Road				Town Center 2						
8-A	Big Flats Linear Trail at Maple St to Olcott Road	1	0	1	Town Center , Town Center 2	X/AE	Yes	0	No	No	No

Section Number	Section Name	Owner Count	Private Owners	Public Owners	Zoning District Classification	Flood Zone Classification	Wetlands	Environmental Remediation	DAC / PEJA	Rare Plants and Animals	Historic
8-B	Big Flats Linear Trail to Big Flats Community Park	2	1	1	Town Center Town Center Residential, Conservation	X	No	0	No	No	No
9-TH	S Olcott Road Trailhead	1	0	1	Town Center						
9-A	S Olcott Road to Beverly's Pond	3	3	0	Town Center, Business Neighborhood 2, Residential 1	X/AE	No	0	No	No	No
10-TH	Big Flats Community Park				Conservation						
11-TH	Beverly's Pond				Residential 1						
11-A	Beverly's Pond to Guthrie Hospital	5	4	1	TOBF: Residential 1, Rural, TOC: Planned Residential Development	X/AE/AH	Yes	No	No	Yes	No
12-TH	Guthrie Hospital Trailhead				Planned Residential Development						
12-A	Guthrie Hospital to Denison Park	11	10	1	TOC: Planned Residential Development, Planned District, Highway Business, Residence Suburban Medium Density, Residence Rural Low Density, COC: Public Conservation	X/A	No	No	No	Yes	No
12-B	Guthrie Hospital Loop	2	2	0	Planned Residential Development, Planned District	X/A	No	No	No	Yes	No

Section Number	Section Name	Owner Count	Private Owners	Public Owners	Zoning District Classification	Flood Zone Classification	Wetlands	Environmental Remediation	DAC / PEJA	Rare Plants and Animals	Historic
12-C	Guthrie Hospital Feeder Canal to Goff Road	4	4	0	Planned District, Planned Residential Development	X/A	No	No	No	Yes	No
13-TH	Denison Park				Public Conservation						
13-A	Denison Park to YMCA	3	2	1	Public Conservation, Commercial, Industrial, BD	X/AE	No	3	No	Yes	No

Section Number	Section Name	Owner Count	Private Owners	Public Owners	Zoning District Classification	Flood Zone Classification	Wetlands	Environmental Remediation	DAC / PEJA	Rare Plants and Animals	Historic
16-A	Craig Park to Kinsella Park	4	1	3	COPP: Low Density Residential, TOE: Business 3-Neighborhood Services, Rural District	C/A5	No	No	No	Yes	No
17-TH	Kinsella Park Trailhead				Rural District						
17-A	Kinsella Park to First Responders Honor Park	14	13	1	Rural District, Business 1 - Community Services, Residential - 7,200 sq ft	C	Yes	0	No	Yes	No
17-B	Spur to Erwin Valley Elementary School	4	2	2	Rural District, residential - 10,000 sq ft	C	No	0	No	Yes	No
18-TH	First Responders Honor Park				Residential - 7,200 sq ft						
18-A	First Responders Honor Park along Jones Road to Bad Bear Hill Parking	7	5	2	TOE: Residential - 7,200 sq ft, Residential - 12,500 sq ft, I-2 Industrial, TOA: Commercial, residential - Transit, Residential - Moderate, Commercial Center, Public Conservation, Residential Low Density, Agricultural	C/B/A8/A9	Yes	Yes	No	Yes	No
19-TH	Bad Bear Hill Parking				Agricultural						

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
0-TH	Lackawanna Trailhead							
1-A	Lackawanna Trail to Pirozzolo Park - Second Street	Yes	0	45	0	4.04	0.98	5.02
1-B	Lackawanna Trail to Trolley Trailhead - Bike Route 15	Yes	0	24	0	4.56	0.31	4.87
1-TH	Pirozzolo Park							
1-C	Pirozzolo Park to Trolley Trailhead	No	0	5	0	0.59	1.19	1.78
2-TH	Trolley Trailhead - Parking and Trail Head							
2-A	Trolley Trailhead to Nature Conservancy	No	1	0	0	0	1.88	1.88
2-B	Trolley Trailhead to Kehoe Nature Preserve	No	1-Existing	5	0	1.79	0	1.79
3-TH	Nature Conservancy Mini-trail head							

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
4-TH	Big Flats Trailhead							
4-A	Big Flats Trailhead to Carpenter Road Trailhead	No	1	2		1.12	2.55	3.67
5-TH	Carpenter Road Trailhead							
5-A	Carpenter Road Trailhead to Corning Incorporated Big Flats Plant Trailhead	No	1	4	0	0.85	0	0.85
6-TH	Corning Incorporated Big Flats Plant Trailhead							
6-A	Corning Incorporated Big Flats Trailhead to Sperr Park	No	1	0	1	0.32	0.86	1.18
7-TH	Sperr Park Trailhead							
8-TH	Big Flats Linear Trail Trailhead at Maple St and Winters Road							
8-A	Big Flats Linear Trail at Maple St to Olcott Road	Yes	1	3	0	0	0.9	0.9

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
8-B	Big Flats Linear Trail to Big Flats Community Park	Yes	0	2	1	0.37	0.19	0.56
9-TH	S Olcott Road Trailhead							
9-A	S Olcott Road to Beverly's Pond	No	1-Existing	4	0	0.50	0.30	0.8
10-TH	Big Flats Community Park							
11-TH	Beverly's Pond							
11-A	Beverly's Pond to Guthrie Hospital	No	1	1	0	0.47	1.22	1.69
12-TH	Guthrie Hospital Trailhead							
12-A	Guthrie Hospital to Denison Park	No	1-Existing	5	0	1.06	3.64	4.7
12-B	Guthrie Hospital Loop	No	0	0	0	0	0.84	0.84

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
12-C	Guthrie Hospital Feeder Canal to Goff Road	No	0	5	0	0.42	1.10	1.52
13-TH	Denison Park							
13-A	Denison Park to YMCA	Yes	1-Existing	10	0	0.98	0.32	1.3

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
13-B	Riverfront Centennial Park to Corning Wegmans to Trail Segment 14-A	No	1-Existing	1	0	0.29	0.46	0.75
14-TH	YMCA							
14-A	YMCA to Painted Post Trail via roadways	Yes	0	11	1-Existing Underpass	0.90	1.09	1.99
W-TH	Corning Wegmans							
15-TH	Painted Post Trailhead							
15-A	Painted Post Trailhead to Stewart Park	No	1-Retrofit Existing	8	Conversion former rail line to multi use trail	0.39	0.45	0.84
16-TH	Craig Park Trailhead							

Section Number	Section Name	Close Proximity to School	Bridges Needed	Road Crossings	Rail Crossings	Mileage On-Road	Mileage Off-Road	Total Mileage of Segment
16-A	Craig Park to Kinsella Park	Yes	1-Existing	4	1	1.03	0.34	1.37
17-TH	Kinsella Park Trailhead							
17-A	Kinsella Park to First Responders Honor Park	Yes	0	8	0	0.01	3.08	3.09
17-B	Spur to Erwin Valley Elementary School	Yes	0	1	0	0	0.28	0.28
18-TH	First Responders Honor Park							
18-A	First Responders Honor Park along Jones Road to Bad Bear Hill Parking	Yes	1 - Existing	16	1	9.56	1.80	11.36
19-TH	Bad Bear Hill Parking							

Amenities by Trailhead	IDENTIFICATION						PARKING	SIGNAGE			FURNISHINGS										PLANTINGS	
	Number	Existing or Proposed	Address	Location	Owner	Parcel Number	Number of Spaces	Kiosk Panel	Interpretive Sign	Trail Direction Sign	Pavilion	Restroom	Lighting	Boat Launch	Playground	Fields and Courts	Picnic Tables	Benches	Bicycle Repair Station	Bicycle Rack	Trees	Plants
Lackawanna Tailhead	0-TH	Existing	900 E Water Street	City of Elmira	City of Elmira	90.17-1-2	>60															
Pirozzolo Park	1-TH	Existing	1225 W Water St	Town of Elmira	Town of Elmira	98.11-4-18	>60															
Trolley Trailhead	2-TH	Proposed	1890 W Water Street	Town of Big Flats	Town of Elmira	88.00-1-32	2															
Nature Conservancy Trailhead	3-TH	Proposed	1165 NYS Route 352	Town of Big Flats	The Nature Conservancy	87.00-1-30	2															
Big Flats Trailhead	4-TH	Proposed	2346 NYS Route 352	Town of Big Flats	Town of Big Flats	87.00-1-19	8															
Carpenter Road Trailhead	5-TH	Proposed	66 Carpenter Road	Town of Big Flats	Town of Big Flats	76.00-2-27	4															
Corning Incorporated Big Flats Plant	6-TH	Existing	673 County Route 64	Town of Big Flats	Management Corporation	66.04-3-20	>60															
Sperr Park Trailhead	7-TH	Existing	Kahler Road South	Town of Big Flats	Airport & Elmira Aeronautical	57.02-2-60	22															
Big Flats Linear Trailhead at Maple Street and Winters Road	8-TH	Existing	Winters Road & Maple Street	Town of Big Flats	Town of Big Flats	66.04-2-3	10															
Olcott Road Trailhead	9-TH	Proposed	Olcott Road South	Town of Big Flats	Town of Big Flats	66.04-2-3	6															
Big Flats Community Park Trailhead	10-TH	Existing	1 Pavilion Drive	Town of Big Flats	Town of Big Flats	66.04-4-21	>60															
Beverly's Pond Trailhead	11-TH	Existing	Beverly's Pond Landing	Town of Big Flats	Environmental Conservation	ROW	5															
Guthrie Hospital Trailhead	12-TH	Proposed	1 Guthrie Drive	Town of Corning	Corning Hospital	319.00-01-020.200	6															
Denison Park Trailhead	13-TH	Existing	Denison Park	City of Corning	City of Corning	318.14-03-074.000	>60															
YMCA Trailhead	14-TH	Existing	127 Centerway	City of Corning	Corning Incorporated	317.08-01-050.100	>60															
Corning Wegmans Trailhead	W-TH	Existing	24 S Bridge Street	City of Corning	Wegmans	317.08-01-066.00	>60															
Riverside and Painted Post Trailhead	15-TH	Proposed	Cutler Avenue Extension	City of Corning	Pennsylvania Lines LLC (Norfolk Southern)	299.16-03-001.000	10															
Craig Park Trailhead	16-TH	Existing	27 Victory Highway	Village of Painted Post	Village of Painted Post	229.09-02-015.110	>60															
Kinsella Park Trailhead	17-TH	Existing	106 Canada Road	Town of Erwin	Town of Erwin	298.00-01-003.200	>40															
First Responders Honor Park	18-TH	Existing	South Hamilton St & Forest Dr	Town of Erwin	ROW	ROW	10															
Bad Bear Hill Parking	19-TH	Existing	Reep Road	Town of Lindley	Finger Lakes Land Trust	369.00-02-0004.100	2															

Existing
Proposed



**APPENDIX F:
TRAIL SEGMENT
COST ESTIMATES**



ID	Description	Construction Subtotal	Easement/ROW Subtotal	Soft Costs Subtotal	Opinion of Probable Cost
0-TH	Lackawanna Trailhead	\$2,550	\$0	\$842	\$3,392
1-A	Lackawanna Trail to Pirozzolo Park to Trolley - Second Street	\$3,386,040	\$0	\$1,218,975	\$4,605,015
1-B	Lackawanna Trail to Trolley Trailhead - NY Bike Route 15	\$995,943	\$0	\$358,540	\$1,354,483
1-TH	Pirozzolo Park	\$17,050	\$0	\$6,138	\$23,188
1-C	Pirozzolo Park to Trolley Trailhead	\$4,332,029	\$3,274	\$1,589,168	\$5,924,471
2-TH	Trolley Trailhead - Parking and Trail Head	\$153,760	\$0	\$55,354	\$209,114
2-A	Trolley Trailhead to Nature Conservancy	\$6,174,415	\$632	\$2,243,789	\$8,418,836
2-B	Trolley Trailhead to Kehoe Nature Preserve	\$260,648	\$0	\$93,833	\$354,481
3-TH	Nature Conservancy Mini-trail head	\$98,873	\$0	\$35,594	\$134,467
4-TH	Big Flats Trailhead	\$197,194	\$0	\$70,990	\$268,184
4-A	Big Flats Trailhead to Carpenter Road Trailhead	\$3,398,680	\$5,500	\$1,254,275	\$4,658,455
5-TH	Carpenter Road Trailhead	\$71,300	\$0	\$25,668	\$96,968
5-A	Carpenter Road Trailhead to Corning Incorporated Big Flats Plant Trailhead	\$468,396	\$8,500	\$200,873	\$677,769
6-TH	Corning Incorporated Big Flats Plant Trailhead	\$1,550	\$5,000	\$3,058	\$9,608
6-A	Corning Incorporated Big Flats Trailhead to Sperr Park	\$3,134,482	\$15,000	\$1,165,914	\$4,315,396
7-TH	Sperr Park Trailhead	\$1,550	\$0	\$558	\$2,108
8-TH	Big Flats Linear Trail Trailhead at Maple St and Winters Road	\$6,975	\$0	\$2,511	\$9,486
8-A	Big Flats Linear Trail at Maple St to Olcott Road	\$1,572,630	\$0	\$566,147	\$2,138,777
8-B	Big Flats Linear Trail to Big Flats Community Park	\$307,158	\$7,500	\$129,327	\$443,985
9-TH	Olcott Road Trailhead	\$137,098	\$0	\$49,355	\$186,453
9-A	Olcott Road to Beverly's Pond	\$1,242,277	\$30,100	\$462,270	\$1,734,646
10-TH	Big Flats Community Park	\$55,800	\$0	\$20,088	\$75,888
11-TH	Beverly's Pond	\$1,550	\$0	\$558	\$2,108
11-A	Beverly's Pond to Guthrie Hospital	\$3,705,606	\$8,000	\$958,401	\$4,672,007
12-TH	Guthrie Hospital Trailhead	\$216,613	\$0	\$77,981	\$294,593
12-A	Guthrie Hospital to Denison Park	\$7,210,135	\$8,500	\$2,599,899	\$9,818,534
12-B	Guthrie Hospital Loop	\$1,650,853	\$42,000	\$615,307	\$2,308,161
12-C	Guthrie Hospital Feeder Canal to Goff Road	\$2,011,352	\$42,000	\$745,087	\$2,798,439
13-TH	Denison Park	\$3,100	\$0	\$775	\$3,875
13-A	Denison Park to YMCA	\$1,664,607	\$34,500	\$616,509	\$2,315,616
13-B	Riverside Centennial Park to Corning Wegmans to Segment 14-A	\$776,364	\$45,750	\$302,366	\$1,124,480
14-TH	YMCA	\$45,725	\$0	\$16,461	\$62,186
14-A	YMCA to Painted Post Trail via roadways	\$2,159,036	\$98,000	\$826,253	\$3,083,289
W-TH	Corning Wegmans Trailhead	\$61,225	\$50,000	\$47,041	\$158,266
15-TH	Riverside/Painted Post Trailhead	\$429,893	\$50,000	\$209,761	\$689,654
15-A	Riverside/Painted Post Trailhead to Stewart Park	\$2,177,202	\$50,000	\$838,793	\$3,065,995
16-TH	Craig Park Trailhead	\$1,550	\$0	\$558	\$2,108
16-A	Craig Park to Kinsella Park	\$2,343,755	\$65,600	\$876,552	\$3,285,907
17-TH	Kinsella Park Trailhead	\$55,800	\$0	\$20,088	\$75,888
17-A	Kinsella Park to First Responders Honor Park	\$9,712,706	\$132,500	\$3,618,824	\$13,464,031
17-B	Spur to Erwin Valley Elementary School	\$508,204	\$27,100	\$171,093	\$706,397
18-TH	First Responders Honor Park	\$6,975	\$0	\$2,511	\$9,486
18-A	First Responders Honor Park along Jones Road to Bad Bear Hill Parking	\$13,307,370	\$21,000	\$4,816,153	\$18,144,523
19-TH	Bad Bear Hill Parking	\$117,537	\$0	\$42,313	\$159,850
TOTAL					\$101,890,000

0-TH Lackawanna

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB		SY	\$4.00	\$0.00
STORMWATER GARDEN		SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')		SY	\$4.00	\$0.00
CLEAR AND GRUB (10')		SY	\$4.00	\$0.00
NEW TRAIL (10') STONE		SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT		SY	\$120.00	\$0.00
FINE GRADE (14')		SY	\$3.50	\$0.00
1" TOP COURSE (10')		SY	\$20.00	\$0.00
3" BINDER (10')		SY	\$30.00	\$0.00
6" SUBBASE (10')		SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)		SY	\$10.00	\$0.00
GRASS/STABILIZE		SY	\$5.00	\$0.00
SILT FENCE		LF	\$2.00	\$0.00
BOARDWALK		LF	\$500.00	\$0.00
SHARED ROADWAY		LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT		LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH		LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)		LF	\$14.00	\$0.00
SIDEWALK		LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/WOOD LEVEL - 100'		Each	\$200,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200'		Each	\$340,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE		Each	\$300,000.00	\$0.00
SLOPE MATTING		SY	\$4.50	\$0.00
RETAINING WALL				\$0.00
18" HDPE PIPE CULVERTS		LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION		LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL		LF	\$50.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

O-TH Lackawanna

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$1,000.00
Extended Price Add-On (25%)				\$250.00
Escalation (Assume 2 yrs at 5%/yr)				\$1,100.00
Construction Contingency (20%)				\$200.00
Construction Subtotal				\$2,550.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$25.50
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise		Each	\$28,000.00	
Railroad Coordination Fee		Each	\$30,000.00	
Preliminary Design (8%)				\$204.00
Engineering Design (12%)				\$306.00
Construction Inspection/Administration (10%)				\$306.00
Engineering, Administration, and Legal Contingency (5%)				\$306.00
Soft Cost Subtotal				\$841.50
TOTAL				\$3,391.50

1-A Lackawanna - Pirozzolo 2nd

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	556	SY	\$120.00	\$66,666.67
FINE GRADE (14')	778	SY	\$3.50	\$2,722.22
1" TOP COURSE (10')	556	SY	\$20.00	\$11,111.11
3" BINDER (10')	556	SY	\$30.00	\$16,666.67
6" SUBBASE (10')	556	SY	\$10.00	\$5,555.56
6" TOPSOIL (2' ALONG EDGES)	222	SY	\$10.00	\$2,222.22
GRASS/STABILIZE	556	SY	\$5.00	\$2,777.78
SILT FENCE	500	LF	\$2.00	\$1,000.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	8000	LF	\$1.00	\$8,000.00
BIKE LANE ROAD MARKING, 4" PAINT	22600	LF	\$0.60	\$13,560.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	4752	LF	\$200.00	\$950,400.00
SIDEWALK	11691	LF	\$60.00	\$701,460.00
PEDESTRIAN BRIDGE - STEEL/WOOD LEVEL - 100'		Each	\$200,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200'		Each	\$340,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL				\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	45	Each	\$1,600.00	\$72,000.00
ROADWAY CROSSING - MARKED	45	Each	\$4,000.00	\$180,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	3	Each	\$50,000.00	\$150,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	20	Each	\$20.00	\$400.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

1-A Lackawanna - Pirozzolo 2nd

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$2,184,542.22
Extended Price Add-On (25%)				\$546,135.56
Escalation (Assume 2 yrs at 5%/yr)				\$218,454.22
Construction Contingency (20%)				\$436,908.44
Construction SUBTOTAL				\$3,386,040.44
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$33,860.40
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise		Each	\$28,000.00	\$0.00
Railroad Coordination Fee		Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$270,883.24
Engineering Design (12%)				\$406,324.85
Construction Inspection/Administration (10%)				\$338,604.04
Engineering, Administration, and Legal Contingency (5%)				\$169,302.02
Soft Cost Subtotal				\$1,218,974.56
TOTAL				\$4,605,015.00

Cost per mile

\$917,333.67

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

1-B Lackawanna - Pirozzolo Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	17358	LF	\$7.00	\$121,506.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL				\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	48	Each	\$1,600.00	\$76,800.00
ROADWAY CROSSING - MARKED	48	Each	\$4,000.00	\$192,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
TRAIL ROAD SIGN	13	Each	\$20.00	\$260.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

1-B Lackawanna - Pirozzolo Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$390,566.00
Extended Price Add-On (25%)				\$97,641.50
Escalation (Assume 2 yrs at 5%/yr)				\$39,056.60
Construction Contingency (20%)				\$78,113.20
Construction Subtotal				\$995,943.30
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$9,959.43
Land Acquisition Professional Fee				\$0.00
Flood Modeling/No Rise		Each	\$28,000.00	\$0.00
Railroad Coordination Fee		Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$79,675.46
Engineering Design (12%)				\$119,513.20
Construction Inspection/Administration (10%)				\$99,594.33
Engineering, Administration, and Legal Contingency (5%)				\$49,797.17
Soft Cost Subtotal				\$358,539.59
TOTAL				\$1,354,482.89
			Cost per mile	\$412,952.10

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

1-TH Pirozzolo Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL				\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

1-TH Pirozzolo Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$11,000.00
Extended Price Add-On (25%)				\$2,750.00
Escalation (Assume 2 yrs at 5%/yr)				\$1,100.00
Construction Contingency (20%)				\$2,200.00
Construction Subtotal				\$17,050.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$170.50
Land Acquisition Professional Fees				
Flood Modeling/No Rise				
Railroad Coordination Fee				
Preliminary Design (8%)				\$1,364.00
Engineering Design (12%)				\$2,046.00
Construction Inspection/Administration (10%)				\$1,705.00
Engineering, Administration and Legal Contingency (5%)				\$852.50
Soft Cost Subtotal				\$6,138.00
TOTAL				\$23,188.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

1-C Pirozzolo to Trolley

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	12473	SY	\$4.00	\$49,893.33
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	6237	SY	\$120.00	\$748,400.00
FINE GRADE (14')	6237	SY	\$3.50	\$21,828.33
1" TOP COURSE (10')	6237	SY	\$20.00	\$124,733.33
3" BINDER (10')	6237	SY	\$30.00	\$187,100.00
6" SUBBASE (10')	6237	SY	\$10.00	\$62,366.67
6" TOPSOIL (2' ALONG EDGES)	2495	SY	\$10.00	\$24,946.67
GRASS/STABILIZE	6237	SY	\$5.00	\$31,183.33
SILT FENCE	5613	LF	\$2.00	\$11,226.00
BOARDWALK	3000	LF	\$500.00	\$1,500,000.00
SHARED ROADWAY	2020	LF	\$1.00	\$2,020.00
BIKE LANE ROAD MARKING, 4" PAINT	1000	LF	\$0.60	\$600.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL				\$0.00
18" HDPE PIPE CULVERTS	60	LF	\$40.00	\$2,400.00
ROADWAY CROSSING - SIGNED	5	Each	\$1,600.00	\$8,000.00
ROADWAY CROSSING - MARKED	5	Each	\$4,000.00	\$20,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
TRAIL ROAD SIGN	8	Each	\$20.00	\$160.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

1-C Pirozzolo to Trolley

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$2,794,857.67
Extended Price Add-On (25%)				\$698,714.42
Escalation (Assume 2 yrs at 5%/yr)				\$279,485.77
Construction Contingency (20%)				\$558,971.53
Construction Subtotal				\$4,332,029.38
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$3,274.00
Soft Costs				
Legal, Finance, Admin (1%)				\$43,320.29
Land Acquisition Professional Fees				\$1,637.00
Flood Modeling/No Rise				\$28,000.00
	1	Each	\$28,000.00	\$28,000.00
Railroad Coordination Fee				\$0.00
		Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$346,562.35
Engineering Design (12%)				\$519,843.53
Construction Inspection/Administration (10%)				\$433,202.94
Engineering, Administration, and Legal Contingency (5%)				\$216,601.47
Soft Cost Subtotal				\$1,589,167.58
TOTAL				\$5,924,470.96
				Cost per mile \$3,328,354.47

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

2-TH Trolley Trailhead

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)	1	Each	\$30,000.00	\$30,000.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL	80	SY	\$540.00	\$43,200.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

2-TH Trolley Trailhead

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$99,200.00
Extended Price Add-On (25%)				\$24,800.00
Escalation (Assume 2 yrs at 5%/yr)				\$9,920.00
Construction Contingency (20%)				\$19,840.00
Construction Subtotal				\$153,760.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$1,537.60
Land Acquisition Professional Fees				
Flood Modeling/No Rise				
Railroad Coordination Fee				
Preliminary Design (8%)				\$12,300.80
Engineering Design (12%)				\$18,451.20
Construction Inspection/Administration (10%)				\$15,376.00
Engineering, Administration, and Legal Contingency (5%)				\$7,688.00
Soft Cost Subtotal				\$55,353.60
TOTAL				\$209,113.60

Cost per mile

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NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

2-A Trolley-Nature Conservancy

ENGINEER'S OPINION OF PROBABLE COST

Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	22222	SY	\$4.00	\$88,888.89
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	11111	SY	\$48.00	\$533,333.33
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	15556	SY	\$3.50	\$54,444.44
1" TOP COURSE (10')	11111	SY	\$20.00	\$222,222.22
3" BINDER (10')	11111	SY	\$30.00	\$333,333.33
6" SUBBASE (10')	11111	SY	\$10.00	\$111,111.11
6" TOPSOIL (2' ALONG EDGES)	4444	SY	\$10.00	\$44,444.44
GRASS/STABILIZE	11111	SY	\$5.00	\$55,555.56
SILT FENCE	40000	LF	\$2.00	\$80,000.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC	1	Each	\$300,000.00	\$300,000.00
SLOPE MATTING	2222	SY	\$4.50	\$10,000.00
RETAINING WALL	3333	SY	\$540.00	\$1,800,000.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	8	Each	\$20.00	\$160.00
FENCE ALONG ACTIVE TRANSPORTATION	5000	LF	\$65.00	\$325,000.00
FENCE ALONG RESIDENTIAL/SLOPE	500	LF	\$50.00	\$25,000.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

2-A Trolley-Nature Conservancy

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$3,983,493.33
Extended Price Add-On (25%)				\$995,873.33
Escalation (Assume 2 yrs at 5%/yr)				\$398,349.33
Construction Contingency (20%)				\$796,698.67
Construction Subtotal				\$6,174,414.67
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$632.00
Soft Costs				
Legal, Finance, Admin (1%)				\$61,744.15
Land Acquisition Professional Fees (50% of fee)				\$1,000.00
Flood Modeling/No Rise		Each	\$28,000.00	\$0.00
Utility Coordination Fee	1	Each	\$20,000.00	\$20,000.00
Preliminary Design (8%)				\$493,953.17
Engineering Design (12%)				\$740,929.76
Construction Inspection/Administration (10%)				\$617,441.47
Engineering, Administration, and Legal Contingency (5%)				\$308,720.73
Soft Cost Subtotal				\$2,243,789.28
TOTAL				\$8,418,835.95
				Cost per mile \$4,478,104.23

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

2-B Trolley to Kehoe

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	3200	LF	\$1.00	\$3,200.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	10800	LF	\$7.00	\$75,600.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	7	Each	\$1,600.00	\$11,200.00
ROADWAY CROSSING - MARKED	7	Each	\$4,000.00	\$28,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	1	Each	\$50,000.00	\$50,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
TRAIL ROAD SIGN	8	Each	\$20.00	\$160.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

2-B Trolley to Kehoe

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials				\$168,160.00
Extended Price Add-On (25%)				\$42,040.00
Escalation (Assume 2 yrs at 5%/yr)				\$16,816.00
Construction Contingency (20%)				\$33,632.00
Construction Subtotal				\$260,648.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$2,606.48
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$20,851.84
Engineering Design (12%)				\$31,277.76
Construction Inspection/Administration (10%)				\$26,064.80
Engineering, Administration, and Legal Contingency (5%)				\$13,032.40
Soft Cost Subtotal				\$93,833.28
TOTAL				\$354,481.28
				Cost per mile \$196,934.04

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

3-TH Nature Conservancy

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)	1	Each	\$30,000.00	\$30,000.00
CLEAR AND GRUB	267	SY	\$4.00	\$1,066.67
STORMWATER GARDEN	22	SY	\$145.00	\$3,222.22
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

3-TH Nature Conservancy

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$63,788.89
Extended Price Add-On (25%)				\$15,947.22
Escalation (Assume 2 yrs at 5%/yr)				\$6,378.89
Construction Contingency (20%)				\$12,757.78
Construction Subtotal				\$98,872.78
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$988.73
Land Acquisition Professional Fees				
Flood Modeling/No Rise				
Railroad Coordination Fee				
Preliminary Design (8%)				\$7,909.82
Engineering Design (12%)				\$11,864.73
Construction Inspection/Administration (10%)				\$9,887.28
Engineering, Administration, and Legal Contingency (5%)				\$4,943.64
Soft Cost Subtotal				\$35,594.20
TOTAL				\$134,466.98

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

4-TH Big Flats

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)	2	Each	\$45,000.00	\$90,000.00
PARKING AREA (2 SPACES)	0	Each	\$30,000.00	\$0.00
CLEAR AND GRUB	444	SY	\$4.00	\$1,777.78
STORMWATER GARDEN	44	SY	\$145.00	\$6,444.44
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

4-TH Big Flats

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE	2	Each	\$1,500.00	\$3,000.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$127,222.22
Extended Price Add-On (25%)				\$31,805.56
Escalation (Assume 2 yrs at 5%/yr)				\$12,722.22
Construction Contingency (20%)				\$25,444.44
Construction Subtotal				\$197,194.44
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$1,971.94
Land Acquisition Professional Fees				
Flood Modeling/No Rise				
Railroad Coordination Fee				
Preliminary Design (8%)				\$15,775.56
Engineering Design (12%)				\$23,663.33
Construction Inspection/Administration (10%)				\$19,719.44
Engineering, Administration, and Legal Contingency (5%)				\$9,859.72
Soft Cost Subtotal				\$70,990.00
TOTAL				\$268,184.44

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

4-A Big Flats to Carpenter

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	29111	SY	\$4.00	\$116,444.44
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	14556	SY	\$48.00	\$698,666.67
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	20378	SY	\$3.50	\$71,322.22
1" TOP COURSE (10')	14556	SY	\$20.00	\$291,111.11
3" BINDER (10')	14556	SY	\$30.00	\$436,666.67
6" SUBBASE (10')	14556	SY	\$10.00	\$145,555.56
6" TOPSOIL (2' ALONG EDGES)	5822	SY	\$10.00	\$58,222.22
GRASS/STABILIZE	14556	SY	\$5.00	\$72,777.78
SILT FENCE	52400	LF	\$2.00	\$104,800.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	6150	LF	\$0.60	\$3,690.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - SING SING	1	Each	\$170,000.00	\$170,000.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	2	Each	\$1,600.00	\$3,200.00
ROADWAY CROSSING - MARKED	2	Each	\$4,000.00	\$8,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	12	Each	\$20.00	\$240.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

4-A Big Flats to Carpenter

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH	4	Each	\$3,000.00	\$12,000.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$2,192,696.67
Extended Price Add-On (25%)				\$548,174.17
Escalation (Assume 2 yrs at 5%/yr)				\$219,269.67
Construction Contingency (20%)				\$438,539.33
Construction Subtotal				\$3,398,679.83
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$5,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$33,986.80
Land Acquisition Professional Fees				\$2,750.00
Flood Modeling/No Rise				\$28,000.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$271,894.39
Engineering Design (12%)				\$407,841.58
Construction Inspection/Administration (10%)				\$339,867.98
Engineering, Administration, and Legal Contingency (5%)				\$169,933.99
Soft Cost Subtotal				\$1,254,274.74
TOTAL				\$4,658,454.57
				Cost per mile \$1,269,333.67

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5-TH Carpenter

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)	1	Each	\$45,000.00	\$45,000.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	0	Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED	0	Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	0	Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

5-TH Carpenter

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$46,000.00
Extended Price Add-On (25%)				\$11,500.00
Escalation (Assume 2 yrs at 5%/yr)				\$4,600.00
Construction Contingency (20%)				\$9,200.00
Construction Subtotal				\$71,300.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$713.00
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$5,704.00
Engineering Design (12%)				\$8,556.00
Construction Inspection/Administration (10%)				\$7,130.00
Engineering, Administration, and Legal Contingency (5%)				\$3,565.00
Soft Cost Subtotal				\$25,668.00
TOTAL				\$96,968.00

Cost per mile

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5-A Carpenter to BF Plant

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	889	SY	\$4.00	\$3,555.56
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	444	SY	\$48.00	\$21,333.33
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	444	SY	\$3.50	\$1,555.56
1" TOP COURSE (10')	444	SY	\$20.00	\$8,888.89
3" BINDER (10')	444	SY	\$30.00	\$13,333.33
6" SUBBASE (10')	444	SY	\$10.00	\$4,444.44
6" TOPSOIL (2' ALONG EDGES)	178	SY	\$10.00	\$1,777.78
GRASS/STABILIZE	444	SY	\$5.00	\$2,222.22
SILT FENCE	400	LF	\$2.00	\$800.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	1800	LF	\$1.00	\$1,800.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD	1	Each	\$170,000.00	\$170,000.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	4	Each	\$1,600.00	\$6,400.00
ROADWAY CROSSING - MARKED	4	Each	\$4,000.00	\$16,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	1	Each	\$50,000.00	\$50,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

5-A Carpenter to BF Plant

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$302,191.11
Extended Price Add-On (25%)				\$75,547.78
Escalation (Assume 2 yrs at 5%/yr)				\$30,219.11
Construction Contingency (20%)				\$60,438.22
Construction Subtotal				\$468,396.22
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$8,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$4,683.96
Land Acquisition Professional Fees				\$4,250.00
Flood Modeling/No Rise				\$28,000.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$37,471.70
Engineering Design (12%)				\$56,207.55
Construction Inspection/Administration (10%)				\$46,839.62
Engineering, Administration, and Legal Contingency (5%)				\$23,419.81
Soft Cost Subtotal				\$200,872.64
TOTAL				\$677,768.86
				Cost per mile \$797,375.13

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost estimate excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

6-TH Corning Incorporated

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$1,000.00
Extended Price Add-On (25%)				\$250.00
Escalation (Assume 2 yrs at 5%/yr)				\$100.00
Construction Contingency (20%)				\$200.00
Construction Subtotal				\$1,550.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$5,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$15.50
Land Acquisition Professional Fees				\$2,500.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$124.00
Engineering Design (12%)				\$186.00
Construction Inspection/Administration (10%)				\$155.00
Engineering, Administration, and Legal Contingency (5%)				\$77.50
Soft Cost Subtotal				\$3,058.00
TOTAL				\$9,608.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

6-A Corning to Sperr

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	8889	SY	\$4.00	\$35,555.56
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	4444	SY	\$48.00	\$213,333.33
NEW TRAIL (10') PAVEMENT	4444	SY	\$120.00	\$533,333.33
FINE GRADE (14')	6222	SY	\$3.50	\$21,777.78
1" TOP COURSE (10')	4444	SY	\$20.00	\$88,888.89
3" BINDER (10')	4444	SY	\$30.00	\$133,333.33
6" SUBBASE (10')	4444	SY	\$10.00	\$44,444.44
6" TOPSOIL (2' ALONG EDGES)	1778	SY	\$10.00	\$17,777.78
GRASS/STABILIZE	4444	SY	\$5.00	\$22,222.22
SILT FENCE	4000	LF	\$2.00	\$8,000.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD	1	Each	\$800,000.00	\$800,000.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
FENCE ALONG ACTIVE TRANSPORTATION	1500	LF	\$65.00	\$97,500.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

6-A Corning to Sperr

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH	2	Each	\$3,000.00	\$6,000.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$2,022,246.67
Extended Price Add-On (25%)				\$505,561.67
Escalation (Assume 2 yrs at 5%/yr)				\$202,224.67
Construction Contingency (20%)				\$404,449.33
Construction Subtotal				\$3,134,482.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$15,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$31,344.82
Land Acquisition Professional Fees				\$7,500.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$30,000.00
Preliminary Design (8%)				\$250,758.59
Engineering Design (12%)				\$376,137.88
Construction Inspection/Administration (10%)				\$313,448.23
Engineering, Administration, and Legal Contingency(5%)				\$156,724.12
Soft Cost Subtotal				\$1,165,913.64
TOTAL				\$4,315,395.97

Cost per mile \$3,596,163.31

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

7-TH Sperr

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

7-TH Sperr

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,000.00
Extended Price Add-On (25%)				\$250.00
Escalation (Assume 2 yrs at 5%/yr)				\$100.00
Construction Contingency (20%)				\$200.00
Construction Subtotal				\$1,550.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$15.50
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$124.00
Engineering Design (12%)				\$186.00
Construction Inspection/Administration (10%)				\$155.00
Engineering, Administration, and Legal Contingency (5%)				\$77.50
Soft Cost Subtotal				\$558.00
TOTAL				\$2,108.00

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

8-TH Big Flats Maple& Winters

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

8-TH Big Flats Maple& Winters

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$4,500.00
Extended Price Add-On (25%)				\$1,125.00
Escalation (Assume 2 yrs at 5%/yr)				\$450.00
Construction Contingency (20%)				\$900.00
Construction Subtotal				\$6,975.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$69.75
Land Acquisition Professional Fees (50% of fee)				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$558.00
Engineering Design (12%)				\$837.00
Construction Inspection/Administration (10%)				\$697.50
Engineering, Administration, and Legal Contingency (5%)				\$348.75
Soft Cost Subtotal				\$2,511.00
TOTAL				\$9,486.00

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

8-A BF Winters to Olcott

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	10667	SY	\$4.00	\$42,666.67
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	5333	SY	\$48.00	\$256,000.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	7467	SY	\$3.50	\$26,133.33
1" TOP COURSE (10')	5333	SY	\$20.00	\$106,666.67
3" BINDER (10')	5333	SY	\$30.00	\$160,000.00
6" SUBBASE (10')	5333	SY	\$10.00	\$53,333.33
6" TOPSOIL (2' ALONG EDGES)	2133	SY	\$10.00	\$21,333.33
GRASS/STABILIZE	5333	SY	\$5.00	\$26,666.67
SILT FENCE	4800	LF	\$2.00	\$9,600.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD	1	Each	\$190,000.00	\$190,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	2	Each	\$1,600.00	\$3,200.00
ROADWAY CROSSING - MARKED	2	Each	\$4,000.00	\$8,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	2100	LF	\$50.00	\$105,000.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

8-A BF Winters to Olcott

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH	2	Each	\$3,000.00	\$6,000.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,014,600.00
Extended Price Add-On (25%)				\$253,650.00
Escalation (Assume 2 yrs at 5%/yr)				\$101,460.00
Construction Contingency (20%)				\$202,920.00
Construction Subtotal				\$1,572,630.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$15,726.30
Land Acquisition Professional Fees (50% of fee)				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$125,810.40
Engineering Design (12%)				\$188,715.60
Construction Inspection/Administration (10%)				\$157,263.00
Engineering, Administration, and Legal Contingency (5%)				\$78,631.50
Soft Cost Subtotal				\$566,146.80
TOTAL				\$2,138,776.80

Cost per mile \$2,376,418.67

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

8-B Big Flats to Community Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	1333	SY	\$4.00	\$5,333.33
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	1333	SY	\$48.00	\$64,000.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	1867	SY	\$3.50	\$6,533.33
1" TOP COURSE (10')	1333	SY	\$20.00	\$26,666.67
3" BINDER (10')	1333	SY	\$30.00	\$40,000.00
6" SUBBASE (10')	1333	SY	\$10.00	\$13,333.33
6" TOPSOIL (2' ALONG EDGES)	533	SY	\$10.00	\$5,333.33
GRASS/STABILIZE	1333	SY	\$5.00	\$6,666.67
SILT FENCE	1200	LF	\$2.00	\$2,400.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	1800	LF	\$1.00	\$1,800.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	1	Each	\$1,600.00	\$1,600.00
ROADWAY CROSSING - MARKED	1	Each	\$4,000.00	\$4,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING	1	Each	\$20,000.00	\$20,000.00
RAILROAD CROSSING SIGNS	1	Each	\$500.00	\$500.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

8-B Big Flats to Community Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$198,166.67
Extended Price Add-On (25%)				\$49,541.67
Escalation (Assume 2 yrs at 5%/yr)				\$19,816.67
Construction Contingency (20%)				\$39,633.33
Construction Subtotal				\$307,158.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$7,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$3,071.58
Land Acquisition Professional Fees				\$3,750.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$15,000.00
Preliminary Design (8%)				\$24,572.67
Engineering Design (12%)				\$36,859.00
Construction Inspection/Administration (10%)				\$30,715.83
Engineering, Administration, and Legal Contingency (5%)				\$15,357.92
Soft Cost Subtotal				\$129,327.00
TOTAL				\$443,985.33

Cost per mile \$792,830.95

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

9-TH Olcott Road

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING	1	Each	\$15,000.00	\$15,000.00
PARKING AREA (5 SPACES)	1.25	Each	\$45,000.00	\$56,250.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	350	SY	\$4.00	\$1,400.00
STORMWATER GARDEN	40	SY	\$145.00	\$5,800.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$88,450.00
Extended Price Add-On (25%)				\$22,112.50
Escalation (Assume 2 yrs at 5%/yr)				\$8,845.00
Construction Contingency (20%)				\$17,690.00
Construction Subtotal				\$137,097.50
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$1,370.98
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$10,967.80
Engineering Design (12%)				\$16,451.70
Construction Inspection/Administration (10%)				\$13,709.75
Engineering, Administration, and Legal Contingency (5%)				\$6,854.88
Soft Cost Subtotal				\$49,355.10
TOTAL				\$186,452.60

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

9-A Olcott to Beverly's Pond

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	1333	SY	\$4.00	\$5,333.33
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	1889	SY	\$48.00	\$90,666.67
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	2644	SY	\$3.50	\$9,255.56
1" TOP COURSE (10')	1889	SY	\$20.00	\$37,777.78
3" BINDER (10')	1889	SY	\$30.00	\$56,666.67
6" SUBBASE (10')	1889	SY	\$10.00	\$18,888.89
6" TOPSOIL (2' ALONG EDGES)	756	SY	\$10.00	\$7,555.56
GRASS/STABILIZE	1889	SY	\$5.00	\$9,444.44
SILT FENCE	1700	LF	\$2.00	\$3,400.00
BOARDWALK	600	LF	\$500.00	\$300,000.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	1200	LF	\$200.00	\$240,000.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	4	Each	\$1,600.00	\$6,400.00
ROADWAY CROSSING - MARKED	4	Each	\$4,000.00	\$16,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

9-A Olcott to Beverly's Pond

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$801,468.89
Extended Price Add-On (25%)				\$200,367.22
Escalation (Assume 2 yrs at 5%/yr)				\$80,146.89
Construction Contingency (20%)				\$160,293.78
Cosntruction Subtotal				\$1,242,276.78
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$30,100.00
Soft Costs				
Legal, Finance, Admin (1%)				\$12,422.77
Land Acquisition Professional Fees				\$15,050.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$99,382.14
Engineering Design (12%)				\$149,073.21
Construction Inspection/Administration (10%)				\$124,227.68
Engineering, Administration, and Legal Contingency (5%)				\$62,113.84
Soft Cost Subtotal				\$462,269.64
TOTAL				\$1,734,646.42

Cost per mile \$2,168,308.02

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

10-TH Big Flats Community Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

10-TH Big Flats Community Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$36,000.00
Extended Price Add-On (25%)				\$9,000.00
Escalation (Assume 2 yrs at 5%/yr)				\$3,600.00
Construction Contingency (20%)				\$7,200.00
Construction Subtotal				\$55,800.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$558.00
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$4,464.00
Engineering Design (12%)				\$6,696.00
Construction Inspection/Administration (10%)				\$5,580.00
Engineering, Administration, and Legal Contingency (5%)				\$2,790.00
Soft Cost Subtotal				\$20,088.00
TOTAL				\$75,888.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

11-TH Beverly's Pond

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL	0		\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

11-TH Beverly's Pond

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$1,000.00
Extended Price Add-On (25%)				\$250.00
Escalation (Assume 2 yrs at 5%/yr)				\$100.00
Construction Contingency (20%)				\$200.00
Construction Subtotal				\$1,550.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$15.50
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$124.00
Engineering Design (12%)				\$186.00
Construction Inspection/Administration (10%)				\$155.00
Engineering, Administration, and Legal Contingency (5%)				\$77.50
Soft Cost Subtotal				\$558.00
TOTAL				\$2,108.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

11-A Beverly's Pond to Guthrie

ENGINEER'S OPINION OF PROBABLE COST

Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	8444	SY	\$4.00	\$33,777.78
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	7000	SY	\$48.00	\$336,000.00
NEW TRAIL (10') PAVEMENT	2889	SY	\$120.00	\$346,666.67
FINE GRADE (14')	13844	SY	\$3.50	\$48,455.56
1" TOP COURSE (10')	9889	SY	\$20.00	\$197,777.78
3" BINDER (10')	9889	SY	\$30.00	\$296,666.67
6" SUBBASE (10')	9889	SY	\$10.00	\$98,888.89
6" TOPSOIL (2' ALONG EDGES)	3956	SY	\$10.00	\$39,555.56
GRASS/STABILIZE	9889	SY	\$5.00	\$49,444.44
SILT FENCE	8900	LF	\$2.00	\$17,800.00
BOARDWALK	1500	LF	\$500.00	\$750,000.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100'	1	Each	\$170,000.00	\$170,000.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	1	Each	\$1,600.00	\$1,600.00
ROADWAY CROSSING - MARKED	1	Each	\$4,000.00	\$4,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

11-A Beverly's Pond to Guthrie

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$2,390,713.33
Extended Price Add-On (25%)				\$597,678.33
Escalation (Assume 2 yrs at 5%/yr)				\$239,071.33
Construction Contingency (20%)				\$478,142.67
Construction Subtotal				\$3,705,605.67
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$8,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$23,907.13
Land Acquisition Professional Fees				\$4,000.00
Flood Modeling/No Rise	1	Each	\$28,000.00	\$28,000.00
Railroad Coordination Fee	0	Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$191,257.07
Engineering Design (12%)				\$286,885.60
Construction Inspection/Administration (10%)				\$239,071.33
Engineering , Administration, and Legal Contingency (5%)				\$185,280.28
Soft Cost Subtotal				\$958,401.42
TOTAL				\$4,672,007.08

Cost per mile \$2,764,501.23

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

12-TH Guthrie Hospital

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)	1.25	Each	\$45,000.00	\$56,250.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION	1	Each	\$36,000.00	\$36,000.00

12-TH Guthrie Hospital

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE	4	Each	\$1,500.00	\$6,000.00
BENCH	4	Each	\$3,000.00	\$12,000.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$139,750.00
Extended Price Add-On (25%)				\$34,937.50
Escalation (Assume 2 yrs at 5%/yr)				\$13,975.00
Construction Contingency (20%)				\$27,950.00
Construction Subtotal				\$216,612.50
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				
Soft Costs				
Legal, Finance, Admin (1%)				\$2,166.13
Land Acquisition Professional Fees				
Flood Modeling/No Rise				
				Each
				\$28,000.00
Railroad Coordination Fee				
				Each
				\$30,000.00
Preliminary Design (8%)				\$17,329.00
Engineering Design (12%)				\$25,993.50
Construction Inspection/Administration (10%)				\$21,661.25
Engineering, Administration, and Legal Contingency (5%)				\$10,830.63
Soft Cost Subtotal				\$77,980.50
TOTAL				\$294,593.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

12-A Guthrie Hosp to Denison Pk

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	21000	SY	\$120.00	\$2,520,000.00
FINE GRADE (14')	29400	SY	\$3.50	\$102,900.00
1" TOP COURSE (10')	21000	SY	\$20.00	\$420,000.00
3" BINDER (10')	21000	SY	\$30.00	\$630,000.00
6" SUBBASE (10')	21000	SY	\$10.00	\$210,000.00
6" TOPSOIL (2' ALONG EDGES)	8400	SY	\$10.00	\$84,000.00
GRASS/STABILIZE	21000	SY	\$5.00	\$105,000.00
SILT FENCE	18900	LF	\$2.00	\$37,800.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	5600	LF	\$1.00	\$5,600.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	1800	LF	\$60.00	\$108,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	5	Each	\$1,600.00	\$8,000.00
ROADWAY CROSSING - MARKED	5	Each	\$4,000.00	\$20,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	3	Each	\$50,000.00	\$150,000.00
NEW SIGNAL FOR CROSSING	1	Each	\$250,000.00	\$250,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	20	Each	\$20.00	\$400.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

12-A Guthrie Hosp to Denison Pk

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$4,651,700.00
Extended Price Add-On (25%)				\$1,162,925.00
Escalation (Assume 2 yrs at 5%/yr)				\$465,170.00
Construction Contingency (20%)				\$930,340.00
Construction Subtotal				\$7,210,135.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$8,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$72,101.35
Land Acquisition Professional Fees				\$4,250.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$576,810.80
Engineering Design (12%)				\$865,216.20
Construction Inspection/Administration (10%)				\$721,013.50
Engineering, Administration, and Legal Contingency (5%)				\$360,506.75
Soft Cost Subtotal				\$2,599,898.60
TOTAL				\$9,818,533.60
				Cost per mile \$2,089,049.70

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

12-B Guthrie Loop

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	5333	SY	\$4.00	\$21,333.33
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	5333	SY	\$120.00	\$640,000.00
FINE GRADE (14')	7467	SY	\$3.50	\$26,133.33
1" TOP COURSE (10')	5333	SY	\$20.00	\$106,666.67
3" BINDER (10')	5333	SY	\$30.00	\$160,000.00
6" SUBBASE (10')	5333	SY	\$10.00	\$53,333.33
6" TOPSOIL (2' ALONG EDGES)	2133	SY	\$10.00	\$21,333.33
GRASS/STABILIZE	5333	SY	\$5.00	\$26,666.67
SILT FENCE	4800	LF	\$2.00	\$9,600.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

12-B Guthrie Loop

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,065,066.67
Extended Price Add-On (25%)				\$266,266.67
Escalation (Assume 2 yrs at 5%/yr)				\$106,506.67
Construction Contingency (20%)				\$213,013.33
Construction Subtotal				\$1,650,853.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$42,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$16,508.53
Land Acquisition Professional Fees				\$21,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$132,068.27
Engineering Design (12%)				\$198,102.40
Construction Inspection/Administration (10%)				\$165,085.33
Engineering, Administration, and Legal Contingency (5%)				\$82,542.67
Soft Cost Subtotal				\$615,307.20
TOTAL				\$2,308,160.53
				Cost per mile \$2,747,810.16

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

12-C Feeder Canal

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	12444	SY	\$4.00	\$49,777.78
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	6222	SY	\$120.00	\$746,666.67
FINE GRADE (14')	8711	SY	\$3.50	\$30,488.89
1" TOP COURSE (10')	6222	SY	\$20.00	\$124,444.44
3" BINDER (10')	6222	SY	\$30.00	\$186,666.67
6" SUBBASE (10')	6222	SY	\$10.00	\$62,222.22
6" TOPSOIL (2' ALONG EDGES)	2489	SY	\$10.00	\$24,888.89
GRASS/STABILIZE	6222	SY	\$5.00	\$31,111.11
SILT FENCE	5600	LF	\$2.00	\$11,200.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	2100	LF	\$1.00	\$2,100.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	5	Each	\$1,600.00	\$8,000.00
ROADWAY CROSSING - MARKED	5	Each	\$4,000.00	\$20,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

12-C Feeder Canal

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,297,646.67
Extended Price Add-On (25%)				\$324,411.67
Escalation (Assume 2 yrs at 5%/yr)				\$129,764.67
Construction Contingency (20%)				\$259,529.33
Construction Subtotal				\$2,011,352.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$42,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$20,113.52
Land Acquisition Professional Fees				\$21,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$160,908.19
Engineering Design (12%)				\$241,362.28
Construction Inspection/Administration (10%)				\$201,135.23
Engineering, Administration, and Legal Contingency (5%)				\$100,567.62
Soft Cost Subtotal				\$745,086.84
TOTAL				\$2,798,439.17

Cost per mile \$1,841,078.40

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

13-TH Denison Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	2	Each	\$1,000.00	\$2,000.00
PAVILLION		Each	\$36,000.00	\$0.00

13-TH Denison Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$2,000.00
Extended Price Add-On (25%)				\$500.00
Escalation (Assume 2 yrs at 5%/yr)				\$200.00
Construction Contingency (20%)				\$400.00
Construction Subtotal				\$3,100.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$20.00
Land Acquisition Professional Fees (50% of fee)				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$160.00
Engineering Design (12%)				\$240.00
Construction Inspection/Administration (10%)				\$200.00
Engineering, Administration, and Legal Contingency (5%)				\$155.00
Soft Cost Subtotal				\$775.00
TOTAL				\$3,875.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

13-A Denison to YMCA

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	2800	LF	\$1.00	\$2,800.00
BIKE LANE ROAD MARKING, 4" PAINT	2800	LF	\$0.60	\$1,680.00
BIKE LANE PAINT WIDTH	2300	LF	\$7.00	\$16,100.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	4000	LF	\$200.00	\$800,000.00
SIDEWALK	500	LF	\$60.00	\$30,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	22	Each	\$1,600.00	\$35,200.00
ROADWAY CROSSING - MARKED	22	Each	\$4,000.00	\$88,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	2	Each	\$50,000.00	\$100,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	8	Each	\$20.00	\$160.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

13-A Denison to YMCA

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,073,940.00
Extended Price Add-On (25%)				\$268,485.00
Escalation (Assume 2 yrs at 5%/yr)				\$107,394.00
Construction Contingency (20%)				\$214,788.00
Construction Subtotal				\$1,664,607.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$34,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$16,646.07
Land Acquisition Professional Fees				\$17,250.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$133,168.56
Engineering Design (12%)				\$199,752.84
Construction Inspection/Administration (10%)				\$166,460.70
Engineering, Administration, and Legal Contingency (5%)				\$83,230.35
Soft Cost Subtotal				\$616,508.52
TOTAL				\$2,315,615.52

Cost per mile \$1,741,064.30

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

13-B Riverside Park Wegmans

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	4000	SY	\$4.00	\$16,000.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	2000	SY	\$120.00	\$240,000.00
FINE GRADE (14')	2800	SY	\$3.50	\$9,800.00
1" TOP COURSE (10')	2000	SY	\$20.00	\$40,000.00
3" BINDER (10')	2000	SY	\$30.00	\$60,000.00
6" SUBBASE (10')	2000	SY	\$10.00	\$20,000.00
6" TOPSOIL (2' ALONG EDGES)	800	SY	\$10.00	\$8,000.00
GRASS/STABILIZE	2000	SY	\$5.00	\$10,000.00
SILT FENCE	1800	LF	\$2.00	\$3,600.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	3800	LF	\$7.00	\$26,600.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	3	Each	\$1,600.00	\$4,800.00
ROADWAY CROSSING - MARKED	3	Each	\$4,000.00	\$12,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	1	Each	\$50,000.00	\$50,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00

13-B Riverside Park Wegmans

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$500,880.00
Extended Price Add-On (25%)				\$125,220.00
Escalation (Assume 2 yrs at 5%/yr)				\$50,088.00
Construction Contingency (20%)				\$100,176.00
Construction Subtotal				\$776,364.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$45,750.00
Soft Costs				
Legal, Finance, Admin (1%)				\$7,763.64
Land Acquisition Professional Fees				\$22,875.00
Flood Modeling/No Rise		Each	\$28,000.00	\$0.00
Railroad Coordination Fee		Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$62,109.12
Engineering Design (12%)				\$93,163.68
Construction Inspection/Administration (10%)				\$77,636.40
Engineering, Administration, and Legal Contingency (5%)				\$38,818.20
Soft Cost Subtotal				\$302,366.04
TOTAL				\$1,124,480.04

Cost per mile \$1,499,306.72

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

14-TH YMCA

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

14-TH YMCA

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$29,500.00
Extended Price Add-On (25%)				\$7,375.00
Escalation (Assume 2 yrs at 5%/yr)				\$2,950.00
Construction Contingency (20%)				\$5,900.00
Construction Subtotal				\$45,725.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$457.25
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$3,658.00
Engineering Design (12%)				\$5,487.00
Construction Inspection/Administration (10%)				\$4,572.50
Engineering, Administration, and Legal Contingency (5%)				\$2,286.25
Soft Cost Subtotal				\$16,461.00
TOTAL				\$62,186.00

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

14-A YMCA to Riverside

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	6167	SY	\$120.00	\$740,000.00
FINE GRADE (14')	8633	SY	\$3.50	\$30,216.67
1" TOP COURSE (10')	6167	SY	\$20.00	\$123,333.33
3" BINDER (10')	6167	SY	\$30.00	\$185,000.00
6" SUBBASE (10')	6167	SY	\$10.00	\$61,666.67
6" TOPSOIL (2' ALONG EDGES)	2467	SY	\$10.00	\$24,666.67
GRASS/STABILIZE	6167	SY	\$5.00	\$30,833.33
SILT FENCE	5550	LF	\$2.00	\$11,100.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	2550	LF	\$1.00	\$2,550.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	3400	LF	\$7.00	\$23,800.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	800	LF	\$60.00	\$48,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	11	Each	\$1,600.00	\$17,600.00
ROADWAY CROSSING - MARKED	11	Each	\$4,000.00	\$44,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	1	Each	\$50,000.00	\$50,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	8	Each	\$20.00	\$160.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

14-A YMCA to Riverside

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,392,926.67
Extended Price Add-On (25%)				\$348,231.67
Escalation (Assume 2 yrs at 5%/yr)				\$139,292.67
Construction Contingency (20%)				\$278,585.33
Construction Subtotal				\$2,159,036.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$98,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$21,590.36
Land Acquisition Professional Fees				\$49,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$172,722.91
Engineering Design (12%)				\$259,084.36
Construction Inspection/Administration (10%)				\$215,903.63
Engineering, Administration, and Legal Contingency (5%)				\$107,951.82
Soft Cost Subtotal				\$826,253.08
TOTAL				\$3,083,289.41

Cost per mile \$1,549,391.66

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$39,500.00
Extended Price Add-On (25%)				\$9,875.00
Escalation (Assume 2 yrs at 5%/yr)				\$3,950.00
Construction Contingency (20%)				\$7,900.00
Construction Subtotal				\$61,225.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$50,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$612.25
Land Acquisition Professional Fees				\$25,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$4,898.00
Engineering Design (12%)				\$7,347.00
Construction Inspection/Administration (10%)				\$6,122.50
Engineering, Administration, and Legal Contingency (5%)				\$3,061.25
Soft Cost Subtotal				\$47,041.00
TOTAL				\$158,266.00

Cost per mile

#DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)	2	Each	\$45,000.00	\$90,000.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	900	SY	\$4.00	\$3,600.00
STORMWATER GARDEN	100	SY	\$145.00	\$14,500.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
PAVILLION	1	Each	\$36,000.00	\$36,000.00
RESTROOM	1			\$0.00
PLAYGROUND	1		\$40,000.00	\$40,000.00

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE	4	Each	\$1,500.00	\$6,000.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES	4	Each	\$10,000.00	\$40,000.00
TREES	10	Each	\$525.00	\$5,250.00
PLANTS	50	Each	\$50.00	\$2,500.00
Materials Subtotal				\$277,350.00
Extended Price Add-On (25%)				\$69,337.50
Escalation (Assume 2 yrs at 5%/yr)				\$27,735.00
Construction Contingency (20%)				\$55,470.00
Construction Subtotal				\$429,892.50
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$50,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$4,298.93
Land Acquisition Professional Fees				\$25,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$30,000.00
Preliminary Design (8%)				\$34,391.40
Engineering Design (12%)				\$51,587.10
Construction Inspection/Administration (10%)				\$42,989.25
Engineering, Administration, and Legal Contingency (5%)				\$21,494.63
Soft Cost Subtotal				\$209,761.30
TOTAL				\$689,653.80

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost estimate excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

15-A Riverside to Stewart

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	5333	SY	\$4.00	\$21,333.33
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	2667	SY	\$120.00	\$320,000.00
FINE GRADE (14')	2667	SY	\$3.50	\$9,333.33
1" TOP COURSE (10')	2667	SY	\$20.00	\$53,333.33
3" BINDER (10')	2667	SY	\$30.00	\$80,000.00
6" SUBBASE (10')	2667	SY	\$10.00	\$26,666.67
6" TOPSOIL (2' ALONG EDGES)	1067	SY	\$10.00	\$10,666.67
GRASS/STABILIZE	2667	SY	\$5.00	\$13,333.33
SILT FENCE	2400	LF	\$2.00	\$4,800.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	3400	LF	\$7.00	\$23,800.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	2730	LF	\$60.00	\$163,800.00
PEDESTRIAN BRIDGE - REPAIR EXISTING RAIL BRIDGE - REYNOLDS AVE	1	Each	\$200,000.00	\$200,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
TRAIL ROAD SIGN	4	Each	\$20.00	\$80.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

15-A Riverside to Stewart

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	1000	LF	\$65.00	\$65,000.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES	41	Each	\$10,000.00	\$410,000.00
TREES		Each	\$525.00	\$0.00
PLANTS	50	Each	\$50.00	\$2,500.00
Material Subtotal				\$1,404,646.67
Extended Price Add-On (25%)				\$351,161.67
Escalation (Assume 2 yrs at 5%/yr)				\$140,464.67
Construction Contingency (20%)				\$280,929.33
Construction Subtotal				\$2,177,202.33
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$50,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$21,772.02
Land Acquisition Professional Fees				\$25,000.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$30,000.00
Preliminary Design (8%)				\$174,176.19
Engineering Design (12%)				\$261,264.28
Construction Inspection/Administration (10%)				\$217,720.23
Engineering, Administration, and Legal Contingency (5%)				\$108,860.12
Soft Cost Subtotal				\$838,792.84
TOTAL				\$3,065,995.17
				Cost per mile \$3,649,994.25

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

16-TH Craig Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

16-TH Craig Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,000.00
Extended Price Add-On (25%)				\$250.00
Escalation (Assume 2 yrs at 5%/yr)				\$100.00
Construction Contingency (20%)				\$200.00
Construction Subtotal				\$1,550.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$15.50
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$124.00
Engineering Design (12%)				\$186.00
Construction Inspection/Administration (10%)				\$155.00
Engineering, Administration, and Legal Contingency (5%)				\$77.50
Soft Cost Subtotal				\$558.00
TOTAL				\$2,108.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

16-A Craig Park - Kinsella Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	4000	SY	\$4.00	\$16,000.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	2000	SY	\$120.00	\$240,000.00
FINE GRADE (14')	2800	SY	\$3.50	\$9,800.00
1" TOP COURSE (10')	2000	SY	\$20.00	\$40,000.00
3" BINDER (10')	2000	SY	\$30.00	\$60,000.00
6" SUBBASE (10')	2000	SY	\$10.00	\$20,000.00
6" TOPSOIL (2' ALONG EDGES)	800	SY	\$10.00	\$8,000.00
GRASS/STABILIZE	2000	SY	\$5.00	\$10,000.00
SILT FENCE	1800	LF	\$2.00	\$3,600.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	5300	LF	\$200.00	\$1,060,000.00
SIDEWALK	400	LF	\$60.00	\$24,000.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING	1	Each	\$20,000.00	\$20,000.00
RAILROAD CROSSING SIGNS	1	Each	\$500.00	\$500.00
Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
TRAIL ROAD SIGN	10	Each	\$20.00	\$200.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

16-A Craig Park - Kinsella Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$1,512,100.00
Extended Price Add-On (25%)				\$378,025.00
Escalation (Assume 2 yrs at 5%/yr)				\$151,210.00
Construction Contingency (20%)				\$302,420.00
Construction Subtotal				\$2,343,755.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$65,600.00
Soft Costs				
Legal, Finance, Admin (1%)				\$23,437.55
Land Acquisition Professional Fees				\$32,800.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$30,000.00
Preliminary Design (8%)				\$187,500.40
Engineering Design (12%)				\$281,250.60
Construction Inspection/Administration (10%)				\$234,375.50
Engineering, Administration, and Legal Contingency (5%)				\$117,187.75
Soft Cost Subtotal				\$876,551.80
TOTAL				\$3,285,906.80

Cost per mile \$2,398,472.12

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

17-TH Kinsella Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

17-TH Kinsella Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK	1	Each	\$10,000.00	\$10,000.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$36,000.00
Extended Price Add-On (25%)				\$9,000.00
Escalation (Assume 2 yrs at 5%/yr)				\$3,600.00
Construction Contingency (20%)				\$7,200.00
Construction Subtotal				\$55,800.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$558.00
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$4,464.00
Engineering Design (12%)				\$6,696.00
Construction Inspection/Administration (10%)				\$5,580.00
				\$2,790.00
Soft Cost Subtotal				\$20,088.00
TOTAL				\$75,888.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

17-A Kinsella First Resp Park

ENGINEER'S OPINION OF PROBABLE COST

Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	9111	SY	\$4.00	\$36,444.44
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	9111	SY	\$120.00	\$1,093,333.33
FINE GRADE (14')	12756	SY	\$3.50	\$44,644.44
1" TOP COURSE (10')	9111	SY	\$20.00	\$182,222.22
3" BINDER (10')	9111	SY	\$30.00	\$273,333.33
6" SUBBASE (10')	9111	SY	\$10.00	\$91,111.11
6" TOPSOIL (2' ALONG EDGES)	9111	SY	\$10.00	\$91,111.11
GRASS/STABILIZE	3644	SY	\$5.00	\$18,222.22
SILT FENCE	8200	LF	\$2.00	\$16,400.00
BOARDWALK	8200	LF	\$500.00	\$4,100,000.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER	4	Each	\$50,000.00	\$200,000.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	12	Each	\$20.00	\$240.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	2384	LF	\$50.00	\$119,200.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00

17-A Kinsella First Resp Park

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$6,266,262.22
Extended Price Add-On (25%)				\$1,566,565.56
Escalation (Assume 2 yrs at 5%/yr)				\$626,626.22
Construction Contingency (20%)				\$1,253,252.44
Construction Subtotal				\$9,712,706.44
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$132,500.00
Soft Costs				
Legal, Finance, Admin (1%)				\$97,127.06
Land Acquisition Professional Fees				\$66,250.00
Flood Modeling/No Rise	2	Each	\$28,000.00	\$56,000.00
Railroad Coordination Fee	0	Each	\$30,000.00	\$0.00
Preliminary Design (8%)				\$777,016.52
Engineering Design (12%)				\$1,165,524.77
Construction Inspection/Administration (10%)				\$971,270.64
Engineering, Administration, and Legal Contingency (5%)				\$485,635.32
Soft Cost Subtotal				\$3,618,824.32
TOTAL				\$13,464,030.76
			Cost per mile	\$4,357,291.51

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

17-B - Erwin Elem Spur

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	1667	SY	\$4.00	\$6,666.67
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	1667	SY	\$120.00	\$200,000.00
FINE GRADE (14')	2333	SY	\$3.50	\$8,166.67
1" TOP COURSE (10')	1667	SY	\$20.00	\$33,333.33
3" BINDER (10')	1667	SY	\$30.00	\$50,000.00
6" SUBBASE (10')	1667	SY	\$10.00	\$16,666.67
6" TOPSOIL (2' ALONG EDGES)	667	SY	\$10.00	\$6,666.67
GRASS/STABILIZE	667	SY	\$5.00	\$3,333.33
SILT FENCE	1500	LF	\$2.00	\$3,000.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN	2	Each	\$20.00	\$40.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00

17-B - Erwin Elem Spur

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$327,873.33
Extended Price Add-On (25%)				\$81,968.33
Escalation (Assume 2 yrs at 5%/yr)				\$32,787.33
Construction Contingency (20%)				\$65,574.67
Construction Subtotal				\$508,203.67
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$27,100.00
Soft Costs				
Legal, Finance, Admin (1%)				\$5,082.04
Land Acquisition Professional Fees				\$13,550.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$40,656.29
Engineering Design (12%)				\$60,984.44
Construction Inspection/Administration (10%)				\$50,820.37
Soft Cost Subtotal				\$171,093.14
TOTAL				\$706,396.80

Cost per mile \$2,522,845.73

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost exclude any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

18-TH - First Responders Honor

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN	1		\$3,500.00	\$3,500.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00

18-TH - First Responders Honor

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$4,500.00
Extended Price Add-On (25%)				\$1,125.00
Escalation (Assume 2 yrs at 5%/yr)				\$450.00
Construction Contingency (20%)				\$900.00
Construction Subtotal				\$6,975.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$69.75
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$558.00
Engineering Design (12%)				\$837.00
Construction Inspection/Administration (10%)				\$697.50
Engineering, Administration, and Legal Contingency (5%)				\$348.75
Soft Cost Subtotal				\$2,511.00
TOTAL				\$9,486.00

Cost per mile #DIV/0!

NOTES: 1) Cost estimates are preliminary and subject to change. 2) Material costs are based on current market and are subject to change. 3) Do not use cost estimates for grant application after September 2025, without verifying costs with a professional estimator. 4) This cost excludes any costs associated with environmental remediation of the site, as these costs are dependent on site characteristics and contaminants identified. 5) This cost estimate does not include invasive species removal.

18-A First Responders - Bad Bear

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING		Each	\$15,000.00	\$0.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)		Each	\$30,000.00	\$0.00
CLEAR AND GRUB	0	SY	\$4.00	\$0.00
STORMWATER GARDEN	0	SY	\$145.00	\$0.00
Trail				
CLEAR AND GRUB (20')	72222	SY	\$4.00	\$288,888.89
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	36111	SY	\$120.00	\$4,333,333.33
FINE GRADE (14')	36111	SY	\$3.50	\$126,388.89
1" TOP COURSE (10')	50556	SY	\$20.00	\$1,011,111.11
3" BINDER (10')	36111	SY	\$30.00	\$1,083,333.33
6" SUBBASE (10')	36111	SY	\$10.00	\$361,111.11
6" TOPSOIL (2' ALONG EDGES)	36111	SY	\$10.00	\$361,111.11
GRASS/STABILIZE	14444	SY	\$5.00	\$72,222.22
SILT FENCE	325000	LF	\$2.00	\$650,000.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	24900	LF	\$1.00	\$24,900.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED	16	Each	\$1,600.00	\$25,600.00
ROADWAY CROSSING - MARKED	16	Each	\$4,000.00	\$64,000.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING	1	Each	\$20,000.00	\$20,000.00
RAILROAD CROSSING SIGNS	1	Each	\$500.00	\$500.00
TRAIL ROAD SIGN	20	Each	\$20.00	\$400.00
FENCE ALONG ACTIVE TRANSPORTATION	2500	LF	\$65.00	\$162,500.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL			\$25,000.00	\$0.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN		Each	\$1,000.00	\$0.00
PAVILLION		Each	\$36,000.00	\$0.00
RESTROOM				\$0.00

18-A First Responders - Bad Bear

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Material Subtotal				\$8,585,400.00
Extended Price Add-On (25%)				\$2,146,350.00
Escalation (Assume 2 yrs at 5%/yr)				\$858,540.00
Construction Contingency (20%)				\$1,717,080.00
Construction Subtotal				\$13,307,370.00
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$21,000.00
Soft Costs				
Legal, Finance, Admin (1%)				\$133,073.70
Land Acquisition Professional Fees				\$10,500.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$15,000.00
Preliminary Design (8%)				\$1,064,589.60
Engineering Design (12%)				\$1,596,884.40
Construction Inspection/Administration (10%)				\$1,330,737.00
Engineering, Administration, and Legal Contingency (5%)				\$665,368.50
Soft Cost Subtotal				\$4,816,153.20
TOTAL				\$18,144,523.20

Cost per mile \$1,597,229.15

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19-TH Bad Bear Hill

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
Trailheads				
ACCESS POINT WITH EXISTING PARKING	1	Each	\$15,000.00	\$15,000.00
PARKING AREA (5 SPACES)		Each	\$45,000.00	\$0.00
PARKING AREA (2 SPACES)	1	Each	\$30,000.00	\$30,000.00
CLEAR AND GRUB	120	SY	\$4.00	\$480.00
STORMWATER GARDEN	30	SY	\$145.00	\$4,350.00
Trail				
CLEAR AND GRUB (20')	0	SY	\$4.00	\$0.00
CLEAR AND GRUB (10')	0	SY	\$4.00	\$0.00
NEW TRAIL (10') STONE	0	SY	\$48.00	\$0.00
NEW TRAIL (10') PAVEMENT	0	SY	\$120.00	\$0.00
FINE GRADE (14')	0	SY	\$3.50	\$0.00
1" TOP COURSE (10')	0	SY	\$20.00	\$0.00
3" BINDER (10')	0	SY	\$30.00	\$0.00
6" SUBBASE (10')	0	SY	\$10.00	\$0.00
6" TOPSOIL (2' ALONG EDGES)	0	SY	\$10.00	\$0.00
GRASS/STABILIZE	0	SY	\$5.00	\$0.00
SILT FENCE	0	LF	\$2.00	\$0.00
BOARDWALK	0	LF	\$500.00	\$0.00
SHARED ROADWAY	0	LF	\$1.00	\$0.00
BIKE LANE ROAD MARKING, 4" PAINT	0	LF	\$0.60	\$0.00
BIKE LANE PAINT WIDTH	0	LF	\$7.00	\$0.00
SEPARATED BIKEWAY (ADVISORY SHOULDERS WITH TRAFFIC CALMING)	0	LF	\$200.00	\$0.00
SIDEWALK	0	LF	\$60.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - WINTERS RD		Each	\$190,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL/CONCRETE LEVEL - 100' - CARPENTER RD		Each	\$170,000.00	\$0.00
PEDESTRIAN BRIDGE - STEEL ARCHED - 200' - KAHLER RD		Each	\$800,000.00	\$0.00
PEDESTRIAN SUSPENSION BRIDGE - TNC		Each	\$300,000.00	\$0.00
SLOPE MATTING	0	SY	\$4.50	\$0.00
RETAINING WALL		SY	\$540.00	\$0.00
18" HDPE PIPE CULVERTS	0	LF	\$40.00	\$0.00
ROADWAY CROSSING - SIGNED		Each	\$1,600.00	\$0.00
ROADWAY CROSSING - MARKED		Each	\$4,000.00	\$0.00
HIGH VISIBILITY CROSSWALK WITH FLASHER		Each	\$50,000.00	\$0.00
RAILROAD CROSSING		Each	\$20,000.00	\$0.00
RAILROAD CROSSING SIGNS		Each	\$500.00	\$0.00
TRAIL ROAD SIGN		Each	\$20.00	\$0.00
FENCE ALONG ACTIVE TRANSPORTATION	0	LF	\$65.00	\$0.00
FENCE ALONG RESIDENTIAL	0	LF	\$50.00	\$0.00
Trailhead Amenities				
KIOSK PANEL	1		\$25,000.00	\$25,000.00
INTERPRETIVE SIGN			\$3,500.00	\$0.00
TRAIL DIRECTIONAL SIGN	1	Each	\$1,000.00	\$1,000.00
PAVILLION		Each	\$36,000.00	\$0.00

19-TH Bad Bear Hill

ENGINEER'S OPINION OF PROBABLE COST				
Item Description	Quantity	Unit	Unit Price	Total
RESTROOM				\$0.00
PLAYGROUND			\$40,000.00	\$0.00
PICNIC TABLE		Each	\$1,500.00	\$0.00
BENCH		Each	\$3,000.00	\$0.00
BIKE REPAIR AND BIKE RACK		Each	\$10,000.00	\$0.00
PV LIGHT POLES		Each	\$10,000.00	\$0.00
TREES		Each	\$525.00	\$0.00
PLANTS		Each	\$50.00	\$0.00
Materials Subtotal				\$75,830.00
Extended Price Add-On (25%)				\$18,957.50
Escalation (Assume 2 yrs at 5%/yr)				\$7,583.00
Construction Contingency (20%)				\$15,166.00
Construction Subtotal				\$117,536.50
Land Acquisition and Easements				
LAND ACQUISITION/ROW EASEMENT				\$0.00
Soft Costs				
Legal, Finance, Admin (1%)				\$1,175.37
Land Acquisition Professional Fees				\$0.00
Flood Modeling/No Rise				\$0.00
Railroad Coordination Fee				\$0.00
Preliminary Design (8%)				\$9,402.92
Engineering Design (12%)				\$14,104.38
Construction Inspection/Administration (10%)				\$11,753.65
Engineering, Administration, and Legal Contingency (5%)				\$5,876.83
Soft Cost Subtotal				\$42,313.14
TOTAL				\$159,849.64

Cost per mile

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**APPENDIX G:
EASEMENT COST ESTIMATES**



Route 1-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment	Full Market Value (\$2024)	Land Assessment Per SF	Length of Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
88.00-1-32	Town of Elmira		W WATER	BIG FLATS	1.50852	65713	20700	22021	0.315006	350	7000	\$1,985
89.12-3-37	City of Elmira	300	JUDSON	ELMIRA, CI	8.10764	353176	20	0	5.66E-05	548	10967	\$1
89.16-4-54	EDGER DEVELOPMENT LLC		CHURCH ST E	ELMIRA, CI	1.50455	65540			0	472	9441	\$0
89.16-6-22	Elmira City School Dist	310	SULLIVAN	ELMIRA	4.29921	187277	53000	1881800	0.283003	604	12080	\$3,077

Route 1-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipal City	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment Per SF	Length of Inersect ing Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
89.19-4-57	City of Elm	210	E WATER	ELMIRA, CI	1.38671	60406	24300	36800	0.402278	1630	32600	\$11,803
89.19-4-72				Elmira	0.05982	2606			0	215.79		2

Route 1-C

Parcel ID	Street		Street Address	Parcel		Land Assessment (\$2024)	Full Market Value (\$2024)		Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
	Current Owner	Address Number		Municipality	Area (Acres)		Parcel Area (SF)	Land Assessment (\$2024)			
98.10-1-42	Stefanski, Stanley S		RIVER	ELMIRA, T	0.2681	11679	700	959	0.059937	50	1000 53.94297
98.10-3-33	Young, Jim 84		CURREN	ELMIRA	1.2164	52988	31700	184521	0.598249	150	3000 1615.271
98.10-3-53	Thompson, John M		CURREN	ELMIRA, T	1.54997	67518	1600	2192	0.023697	215	4300 91.70888
98.10-3-54	Orsillo, James E		EVERGREE	ELMIRA, T	0.48648	21192	1300	1781	0.061344	170	3400 187.7123
98.10-3-55	Kather, Thomas C		EVERGREE	ELMIRA, T	0.27918	12161	700	959	0.057561	85	1700 88.06842
98.10-3-56	Town of Elmira		EVERGREE	ELMIRA, T	0.44261	19281	700	959	0.036305	145	2900 94.7565
98.11-4-20	Town of Elmira		W WATER	ELMIRA, T	7.84103	341562	182200	290411	0.533432		0 0
98.11-4-21	Town of El 31		GRANDVIE	ELMIRA, T	5.90611	257275	139900	322466	0.543776		0 0
98.15-1-1	Rockway Farms, LLC		GREENRID	ELMIRA, T	5.45331	237551	6800	9315	0.028625	850	17000 437.9691
98.15-1-12	Carlson, Esther		COUNTRY	ELMIRA, T	0.2344	10211	200	274	0.019587	190	3800 66.98658
98.15-1-13	Carlson, Esther		COUNTRY	ELMIRA, T	0.21026	9159	200	274	0.021836	190	3800 74.68064
98.15-1-19	Panosian, Ronald N		COUNTRY	ELMIRA, T	0.24307	10588	200	274	0.018889	190	3800 64.60144
98.15-1-2	Town of Elmira		LARCHMO	ELMIRA, T	0.56997	24828	1400	1918	0.056388		0 0
98.15-1-20	Panosian, Ronald N		COUNTRY	ELMIRA, T	0.22395	9756	200	274	0.0205	190	3800 70.1107
98.15-1-30	Town of Elmira		MORNING	ELMIRA, T	0.46414	20219	700	959	0.034621		0 0
98.15-1-32	Shepard, E 59		MORNING	ELMIRA, T	0.23396	10192	500	685	0.049058	205	4100 181.0243
98.15-1-4	Town of Elmira		LARCHMO	ELMIRA, T	0.77815	33897	1700	2329	0.050152		0 0
98.15-1-40	Cilveti, Maria V		MORNING	ELMIRA, T	0.72218	31459	300	411	0.009536	215	4300 36.90518
98.15-1-5.	Knapp, Michael		RORICKS G	ELMIRA, T	2.19175	95475	2200	3014	0.023043	225	4500 93.32286
98.15-1-5.	Knapp, Michael		RORICKS G	ELMIRA, T	4.56758	198968	2700	3699	0.01357	480	9600 117.245

Route 2-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
87.00-1-30	The Naturi	1165	NYS ROUTE 2-A	BIG FLATS	1.0361	45133	10700	11383	0.237077	170	3400	725.4559
87.00-1-31	Nature, Conservancy		NYS ROUTE 2-A	BIG FLATS	2.56658	111803	12300	13085	0.110015	200	4000	396.0538
87.00-1-32	Nature, Conservancy		NYS ROUTE 2-A	BIG FLATS	157.0813	6842602	79200	84255	0.011575	5800	116000	1208.382
88.00-1-35.3	Town of Elmira		NYS ROUTE 2-A	BIG FLATS	27.13695	1182110	73800	78511	0.062431	2200	44000	2472.257
88.00-1-37	Stanton Jan E		NYS ROUTE 2-A	BIG FLATS	3.14616	137049	7800	8298	0.056914	360	7200	368.8024
88.00-1-38	Stanton Jan		NYS ROUTE 2-A	BIG FLATS	1.22891	53532	2100	2234	0.039229	140	2800	98.85676
88.00-1-36	Stanton Jan		NYS ROUTE 2-A	BIG FLATS		39229	1800		0.045884	200	4000	165.1839

Route 2-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
87.00-1-44.11	The Finger Lakes		BENNETT	BIG FLATS	43.73135	1904977	84200	89574	61.7167	5678.188468	1905148	1

Route 4-A

Parcel ID	Street		Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full		Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
	Current Owner	Address Number					Market Value (\$2024)	Land Assessment Per SF			
66.04-4-44.21	Smith Homestead LLC		CARPENTE BIG FLATS	41.59229	1811798	53400	56809	0.029473	1250	25000	663.1533979
76.00-2-28.1	Wolf, Sabr 2898-R		NYS ROUTE BIG FLATS	38.08471	1659004	81600	90106	0.049186	750	15000	664.0128656
77.00-1-1	Smith Homestead LLC		CARPENTE BIG FLATS	15.86112	690925	21400	22766	0.030973		0	0
77.00-1-3.1	Smith Hon 2818/2856		NYS ROUTE BIG FLATS	196.2782	8550057	195500	321277	0.022865	1500	30000	617.3643053
77.00-1-36	Dir Budget & Finance-Ny		NYS ROUTE BIG FLATS	129.1964	5627911	171700	213830	0.030509	1900	38000	1043.396031
77.00-1-37.1	Bellinger, Jeremy S		NYS ROUTE BIG FLATS	33.43307	1456375	49500	52660	0.033988	1100	22000	672.9722771
77.00-1-38	Miles Trust, Joseph R		NYS ROUTE BIG FLATS	99.9448	4353686	132300	140745	0.030388	900	18000	492.2863064
77.00-1-39.1	Smith Homestead LLC		NYS ROUTE BIG FLATS	78.61389	3424492	100300	106702	0.029289	1200	24000	632.6427394
77.01-1-15	Rockwell, .15		SOARING F ELMIRA	39.8003	1733737	64600	585638	0.037261	600	12000	402.4139763
86.00-1-5	Rhodes Frank J		NYS ROUTE BIG FLATS	57.04101	2484758	86800	92340	0.034933	600	12000	377.2761774
86.00-1-6	MacDonald Thomas		NYS ROUTE BIG FLATS	2.68828	117104	2000	2128	0.017079	400	8000	122.9676185
86.00-1-7	Smith Homestead LLC		NYS ROUTE BIG FLATS	42.17896	1837354	55400	58936	0.030152	600	12000	325.6422007
86.00-1-8.1	Smith Homestead LLC		NYS ROUTE BIG FLATS	134.6986	5867594	159500	169681	0.027183	900	18000	440.3678918
87.00-1-19	Town of B 2346		NYS ROUTE BIG FLATS	88.56925	3858157	111900	119043	0.029003		0	0

Route 5-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
66.04-3-20	Corning Property Mgt C 673		COUNTY R	BIG FLATS	63.32761	2758608	373400	5885851	0.135358	1800	36000	4385.603
76.00-2-27	Town of Big Flats	64 & 66	CARPENTE	BIG FLATS	9.91394	431860	65700	140957	0.152133		30000	4107.581

Route 6-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
66.04-3-20	Corning Property Management Corporation		673 Route 64	BIG FLATS COUNTY	64.83	2823995	403300	5975400	0.142812	1600	32000	4569.980086
67.03-3-5	J. Tokar as Trustee	345	COUNTY R	ELMIRA	14.97577	652358	64100	326915	0.098259	700	14000	1375.62504
67.03-3-6	Greenridge Apartments LLC	363	COUNTY R	BIG FLATS	16.69216	727126	155500	1766596	0.213856	1500	30000	6415.669361
67.03-3-7	Pennsylvania Lines		COUNTY R	BIG FLATS	79.27275	3453193	0	4731786	0		0	0
67.03-3-9	Ellsworth, Dennis R	397	COUNTY R	ELMIRA	0.47081	20509	15000	81383	0.731386	130	2600	1901.604174

Route 8-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
66.04-2-21	83 Hammond LLC	83	HAMMON	BIG FLATS	5.61088	244415	138300	257872	0.565840885	600	12000	\$6,111.08
66.04-2-22	Town of Big Flats		CHURCH S	BIG FLATS	0.73448	31995	6900	7340	0.215658697	300	6000	\$1,164.56
66.04-2-3	Town of Big Flats	476	MAPLE	BIG FLATS	31.55649	1374629	382200	12127872	0.278038656	20	400	\$100.09
66.04-4-21	Town of Big Flats		COM PK D	BIG FLATS	88.43357	3852246	203100	397766	0.05272249	20	400	\$18.98

Route 9-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
66.04-1-63.12	Town Haven Assoc	50	OLCOTT	BIG FLATS	3.9311	171242	249500	1867447	1.457002371	800	16000	20980.83414
66.04-1-63.111	Higher Hope Church	356	MAPLE ST	BIG FLATS	8.24	358934.4	169700	1263400	0.472788342	800	16000	6808.15213
66.04-1-63.2	Stonier, Lynn Mich	54	OLCOTT	BIG FLATS	0.51042	22234	18000	124255	0.809570927	200	4000	2914.455339

Route 11-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Inersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
66.03-1-1	Squires, David L. & Daniel C.		DAVENPORT	BIG FLATS	67.42837	2937241	122000	129787	0.041535577	2000	40000	1661.423084
66.03-1-29	United States of Ame	3266	NYS ROUT	BIG FLATS	194.95717	8492511	254000	799894	0.029908704	1000	20000	598.1740854
66.03-1-31	Steele Roger F Trust		COUNTY LI	BIG FLATS	0.62862	27383	5600	5957	0.204506446	175	3500	715.7725596
66.03-1-44	Lovell George		COUNTY LI	BIG FLATS	0.45734	19922	4600	4894	0.230900512	150	3000	692.701536
66.03-1-45	Lovell George		COUNTY LI	BIG FLATS	0.4591	19999	4600	4894	0.230011501	150	3000	690.0345017
66.03-1-46	Lovell George		COUNTY LI	BIG FLATS	0.63652	27727	5200	5532	0.187542828	200	4000	750.1713132
66.03-1-47	Lovell George		COUNTY LI	BIG FLATS	0.76861	33481	5700	6064	0.170245811	200	4000	680.9832442
319.00-01-020.200	CORNING HOSPITAL	1	GUTHRIE	CORNING	71.81	3147261	101500	29500000	0.032250265	3000	60000	1935.015876

Route 12-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
319.00-01-020.200	CORNING HOSPITAL	1	GUTHRIE	CORNING	71.81	3147261	101500	29500000	0.03225	500	10000	322.50
318.14-03-074.000	CORNING CITY OF	28	PARK	CORNING	32	1282465	450000	650000	0.350887	300	6000	2105.32
318.14-03-075.100	CORNING CITY OF		DENISON F	CORNING	0.8	37520	200000	200000	5.33049	50	1000	5330.49
318.14-03-075.200	S DAVIS REAL ESTATE HOL	100	CONHOCT	CORNING	2.1	91318	920000	4400000	10.07468	400	8000	80597.47
336.00-02-004.100	THOMAS PATRICK N & MA	11431	CORNING	CORNING	5.58	242178	33000	223958	0.136263	200	4000	545.05
336.00-02-004.200	FERRWORTH ENTERPRISE	11425	CORNING	CORNING	2.36	102996	22600	234375	0.219426	200	4000	877.70
336.00-02-005.000	OROPALLO DANIEL G & TI	11441	CORNING	CORNING	1	44149	21000	182292	0.475662	200	4000	1902.65
336.00-02-006.000	MERRILL JAME H & LINDA	11457	CORNING	CORNING	1.33	54544	21300	255208	0.39051	200	4000	1562.04
336.00-02-007.000	EMPIRE PIPELINE INC	11401	EAST COR	CORNING	10.69	321035	40200	41875	0.12522	250	5000	626.10
336.00-02-072.100	LANESBOROUGH 2000 LLC	2567-2665	HANWELL	CORNING	3.71	169223	70400	91771	0.416019	200	4000	1664.08
336.00-02-072.200	BAKER LARRY G JR	11403	CORNING	CORNING	0	14712	18300	83333	1.243883	100	2000	2487.77
337.00-01-001.000	CORNING PROPERTY MAN	2452	EAST COR	CORNING	283.85	12338679	320600	2812500	0.025983	2100	42000	1091.30

Route 12-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
319.00-01-020.200	CORNING	1	GUTHRIE	CORNING	71.81	3147261	101500	29500000	0.03225	1267.2	25344	817.35
319.00-01-082.000	CORNING PROPERTY MAN		EAST CORNING	CORNING	71.96	3058559	2046800	2203125	0.669204	3029.00	60580	40540.38

Route 12-C

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
319.00-01-082.000	CORNING PROPERTY MANAGEMENT		EAST CORNING	CORNING	71.96	3058559	2046800	2203125	0.669204	1600.00	32000	21414.53
319.00-01-023.000	RUIZ FAMILY TRUST		EAST CORNING	CORNING	54.4	2417359	65500	68229	0.027096	1000	20000	541.91
319.00-01-024.000	FISHER WILLIAM C		EAST CORNING	CORNING	20.6	941038	29200	30417	0.03103	850	17000	527.50
319.00-01-079.000	RUIZ FAMILY TRUST		EAST CORNING	CORNING	82.4	3326525	133900	139479	0.040252	650	13000	523.28
319.19-02-022.000	BOCCHINFUSO LU(11804		THERESA CORNING	CORNING	0	23333	33100	251042	1.418592	600	12000	17023.10
319.19-02-027.000	FISHER WILLIAM C		THERESA CORNING	CORNING	4.5	187001	22300	23229	0.119251	250	5000	596.25
319.19-04-002.000	FISHER WILLIAM		GOFF CORNING	CORNING	3.87	170752	10400	10833	0.060907	550	11000	669.98
319.19-04-003.000	FISHER WILLIAM C		GOFF CORNING	CORNING	11.24	493030	17700	18438	0.0359	400	8000	287.20

Route 13-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
318.14-03-074.000	CORNING CITY OF	28	PARK	CORNING	32	1282465	450000	650000	0.350887	300	6000	2105.32
318-10-01-001.100	CORNING PROPERTY	1	E TIOGA	CORNING	21.6	2000000	2790000	37100000	1.395	2300	46000	64170.00
317.08-01-050.100	CORNING INCORPOR	127	CENTER	CORNING	6.34	269757	1380000	1380000	5.115715	650	13000	66504.30

Route 13-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
317.08-01-053.100	STEUBEN COUNTY INDUSTRIAL D 1		RIVERFRONT	CORNING	19.74	856176	2790000	37100000	3.258676	1960	39200	127740.0908
317.08-01-057.000	CORNING PROPERTY MANAGEM 1		S BRIDGE	CORNING	3.21	134571	110000	1500000	0.817412	400	8000	6539.298957
317.08-01-066.000	WEGMANS FOOD MARKETS INC 24		BRIDGE	CORNING	13.31	583533	2080000	8200000	3.564494	550	11000	39209.43631

Route 14-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
317.07-01-086.000	CORNING CITY OF	83	HILLVUE	CORNING	28.36	677095	160000	360000	0.236304	1633	32660	7717.676249
317.08-01-042.000	CORNING INCORPORATED		CENTERW	CORNING	1.6	69883	160000	229000	2.289541	1300	26000	59528.06834
317.27-01-049.000	CORNING CITY OF		W WILLIAM	CORNING	1.1	49645	43800	86800	0.882264	220	4400	3881.96193
317.27-02-023.000	KNOXVILLE ASSOCIATES 40		WILLIAM	CORNING	2	85376	66000	500000	0.773051	380	7600	5875.187406
317.27-02-041.000	CORNING CITY OF		PARK	CORNING	0	23835	29800	29800	1.250262	280	5600	7001.468429
317.27-02-054.000	CORNING CITY OF		HILLVUE	CORNING	0.77	28346	35500	50000	1.252381	560	11200	14026.67043

Route 15-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipal Area	Parcel Area (Acres)	Parcel Area (SF)
299.16-03-001.000	PENNSYLVANIA LINES LLC		SLY AVENU	Corning	9.7	122723
299.16-03-001.000	PENNSYLVANIA LINES LLC		SLY AVENU	Corning	9.7	81587
299.16-01-039.000	CORNING CITY OF	338	THORN ST	Corning	12.5	544500

Route 16-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
280.00-01-017.120	BAPA PAINTED POST	135	VICTORY	PAINTED P	2.27	101857	175000	1235955	1.718094976	230	4600	7112.913
280.00-01-017.130	BAPA VICTORY HW	123	VICTORY	PAINTED P	3.47	165108	325000	584270	1.968408557	600	12000	21258.81
298.00-01-003.200	ERWIN TOWN OF	106	CANADA	ERWIN	35.42	1415721	525000	589888	0.370835779	1000	20000	6675.044
299.09-02-002.000	CORNING CITY SCH	35	VICTORY	PAINTED P	31.5	1361192	1260500	21348315	0.9260266	1100	22000	18335.33
299.09-02-015.110	PAINTED POST VILL	27	VICTORY	ERWIN	8.7	398910	200000	505618	0.501366223	400	8000	3609.837
299.09-02-055.000	PAINTED POST VILL	13	VICTORY	ERWIN	0	52093	100000	179775	1.919643714	250	5000	8638.397

Route 17-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Inersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
298.00-01-003.200	ERWIN TOWN OF	106	CANADA	Gang Mills	35.42	71288						
298.00-01-003.800	CORNING PROPERTY MANAGEM	103/105	CANADA	Gang Mills	14.31	623405						
298.00-01-021.111	ERWIN TOWN OF		ROBERT D/	ERWIN	39.55	1425305	45600	51236	0.031993152	2500	50000	1599.65762
298.00-01-022.130	EMERALD SPRINGS APARTMENTS LLC		CHATFIELD	ERWIN	4.5	194473	2300	2584	0.011826835	500	10000	118.268346
298.00-01-033.000	NEW YORK STATE ELECTRIC & G/83		CANADA	ERWIN	3.1	103532	50400	415873	0.486806012	300	6000	2920.83607
316.00-01-009.211	FAMILY LIFE MINISTRIES INC	300/310	TOWN CEN	Gang Mills	24.69	1079851			0	850	17000	0
316.00-01-010.112	SAI SAI LLC	200	ROBERT D/	PAINTED P	3.78	169624	705000	1460674	4.156251474	500	10000	41562.5147
316.00-01-010.121	GROSS DOUGLAS T	70	BEARTOW/	ERWIN	15.76	813959	2600	2921	0.003194264	2200	44000	140.54762
316.00-01-011.000	ERWIN TOWN OF MORNINGSIDE 189		MANNING	ERWIN	10.9	448655	218000	269663	0.485896736	1400	28000	13605.1086
316.00-01-064.100	NEW YORK STATE		FOREST	ERWIN	13.06	599259	122600	137753	0.204585997	680	13600	2782.36956
316.00-01-076.000	CLINTON WILLIAM F & CAROLE E		BEARTOW/	ERWIN	1.16	50204	700	787	0.013943112	750	15000	209.146682
316.07-01-025.000	BARNEY PETER C JR	81	BEARTOW/	PAINTED P	0	38095	22700	76404	0.595878724	300	6000	3575.27235
316.07-01-026.200	BADGER CREEK ASSOCIATES		CREEKSIDE	ERWIN	11.44	485231	262500	2078652	0.540979451	1300	26000	14065.4657
316.10-01-037.110	POWLEY MARY JO	10	TAYLOR	ERWIN	4.78	215752	45200	171011	0.209499796	725	14500	3037.74704
316.10-01-038.121	WEBSTER LINDA		DEERLAND	ERWIN	2	87570	9600	10787	0.109626584	500	10000	1096.26584
316.10-02-001.210	RM14A HOLDINGS LLC		CREEKSIDE	ERWIN	14.16	628694	300000	11235955	0.477179677	1000	20000	9543.59354
316.10-02-001.220	INSIGNIA HOLDINGS GROUP LLC 13		CREEKSIDE	Gang Mills	2.49	103226			0	300	6000	0
316.10-02-002.210	PINE TREE VILLAGE LIMITED PAR 1		FOREST	ERWIN	5.91	251941	218000	1797753	0.865281951	950	19000	16440.3571
316.10-02-018.000	CHUANG TA-KO & MA YU-CHING 2		EAGLE	PAINTED P	0.59	24500	40400	348315	1.648979592	250	5000	8244.89796
316.10-02-019.000	CASTILONE ROBERT J	10	EAGLE	PAINTED P	0.46	21266	39600	269663	1.862127339	220	4400	8193.36029
316.11-03-001.000	ERWIN TOWN OF SCUDDER-WEE 106		CREEKSIDE	ERWIN	2.46	105213	60000	68539	0.570271734	470	9400	5360.5543

Route 17-B

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
316.00-01-010.122	NORD JOHN & COOK JENN36		BEARTOWIPAINTE	P	0.68	29659	27600	31011	0.93	220	4400	3685.087
316.07-01-075.100	CORNING CITY SCHOOL DI:16		BEARTOWIPAINTE	P	11.3	525252	237000	1769663	0.45	500	10000	4060.908
316.07-01-075.200	ERWIN TOWN OF		BEARTOWIERWIN		0	9847	18200	20449	1.85	200	4000	6653.803
316.07-01-077.000	ERWIN TOWN OF	3561	BEARTOWIERWIN		2.31	100382	90000	112360	0.90	500	10000	8069.176
316.07-01-079.000	TWIN TIERS CHRISTIAN CHURCH		BEARTOWIERWIN		3	130889	95000	932584	0.73	350	7000	4572.577

Route 18-A

Parcel ID	Current Owner	Street Address Number	Street Address	Municipality	Parcel Area (Acres)	Parcel Area (SF)	Land Assessment (\$2024)	Full Market Value (\$2024)	Land Assessment \$ Per SF	Length of Intersecting Trail (LF)	Area of Intersecting Trail (SF)	Estimated Easement Cost
316.00-01-036.111	COLD SPRING CONSTRUCTION CO		US15	ERWIN	85.13	3639108	386500	434270	0.11	3700	74000	7073.4092
316.00-01-065.100	NEW YORK STATE	9680	FOREST	ERWIN	10.11	524321	80900	157303	0.15	1200	24000	3332.76752
333.00-01-029.111	ERWIN INDUSTRIAL DE\3084		US15	ERWIN	241.35	10762693	337900	379663	0.03	3300	66000	1864.89199
333.00-01-029.120	PURINA ANIMAL NUTRI 894		ADDISON	PAINTED P	15.51	693407	210000	1117978	0.30	1100	22000	5996.47826
334.00-01-009.100	TOWNER LIVING TRUST		US15	ERWIN	111.35	5012737	116900	131348	0.02	2000	40000	839.541352
334.00-01-010.000	ROCK RIVER MANAGEN\786		US15	ERWIN	98.13	3510326	135000	151685	0.04	1500	30000	1038.3651
334.00-01-019.000	TOWNSEND GROVE FAF\768		ADDISON	PAINTED P	149.3	6554773	277900	526854	0.04	1000	20000	763.138556