

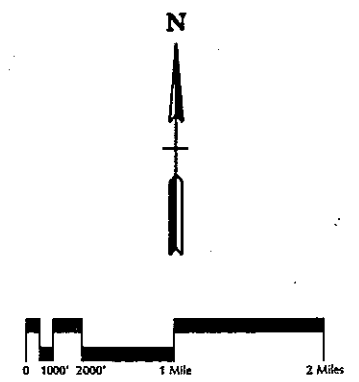
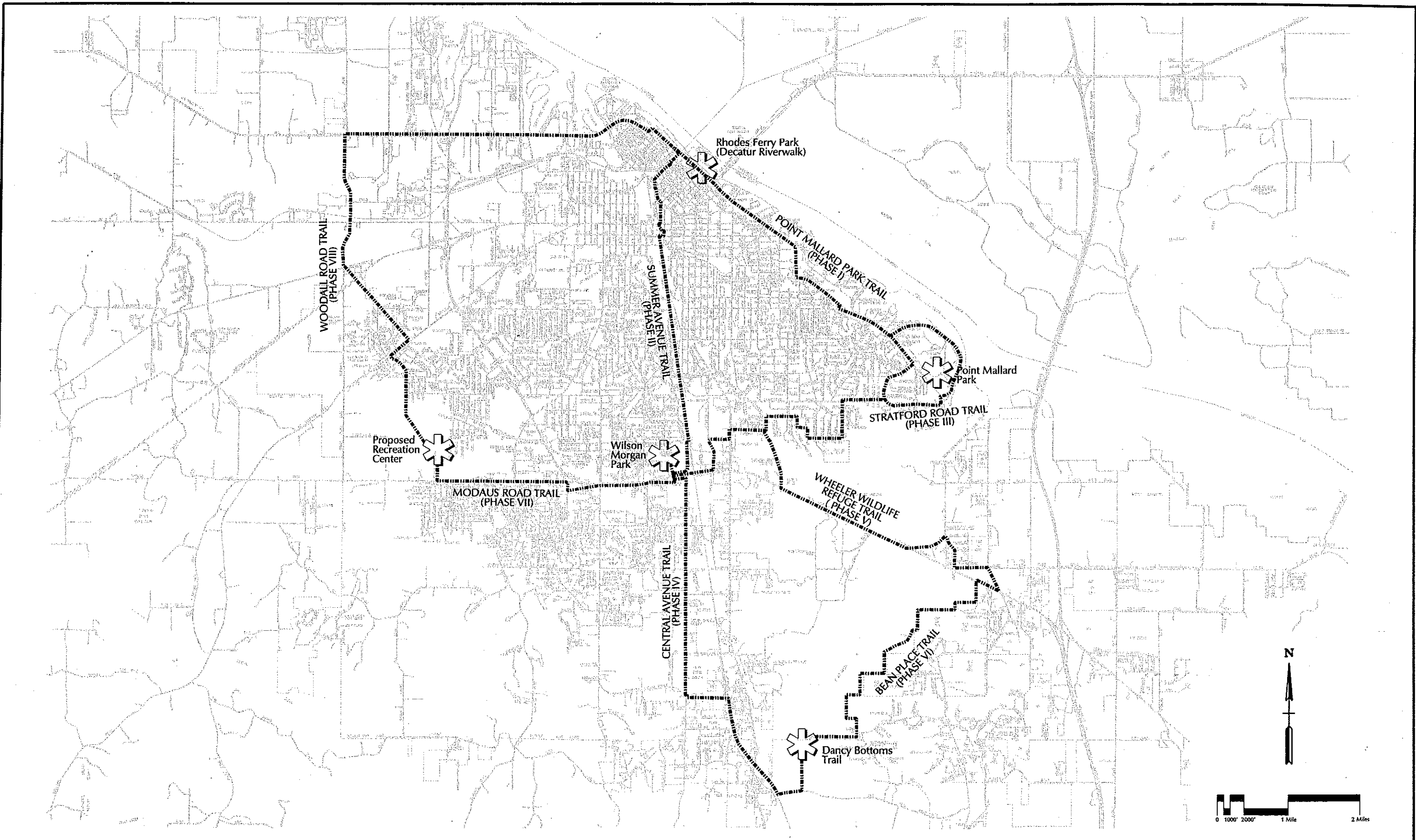
DECATUR BIKEWAY MASTER PLAN



FEBRUARY, 2001



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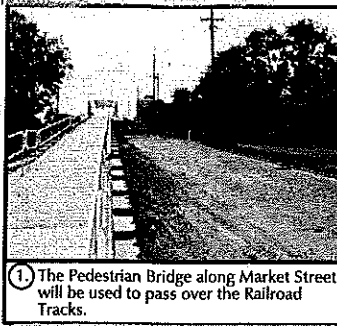
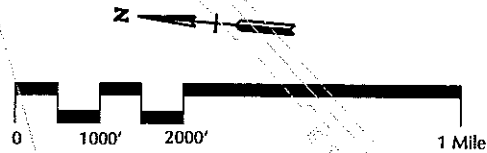


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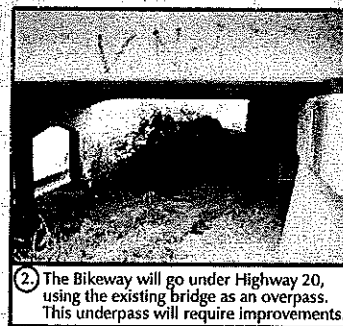
DECATUR BIKEWAY MASTERPLAN

CITY OF DECATUR, ALABAMA

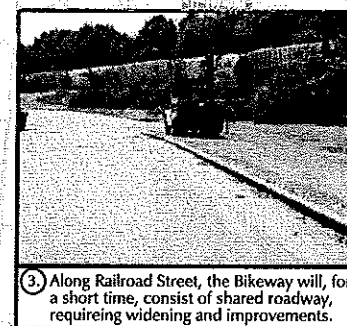
Overall Trail Layout
EXHIBIT I
PROJECT NUMBER: 26967-00



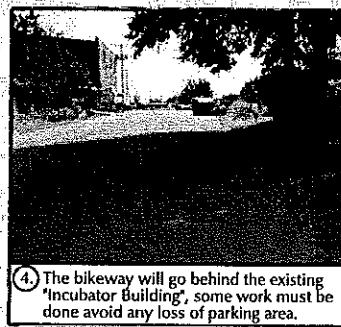
1. The Pedestrian Bridge along Market Street will be used to pass over the Railroad Tracks.



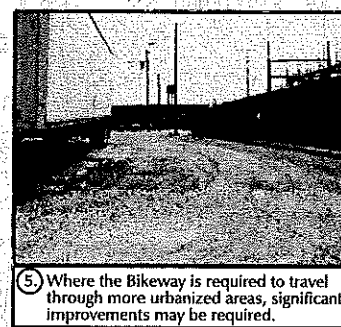
2. The Bikeway will go under Highway 20, using the existing bridge as an overpass. This underpass will require improvements.



3. Along Railroad Street, the Bikeway will, for a short time, consist of shared roadway, requiring widening and improvements.



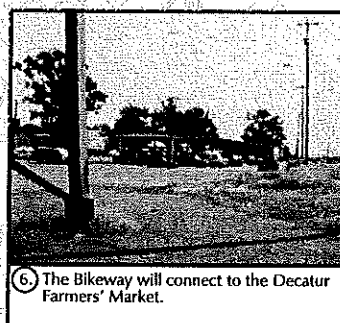
4. The bikeway will go behind the existing "Incubator Building", some work must be done avoid any loss of parking area.



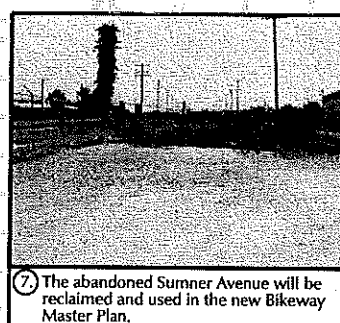
5. Where the Bikeway is required to travel through more urbanized areas, significant improvements may be required.

Rhodes Ferry Park
(Decatur Riverwalk)

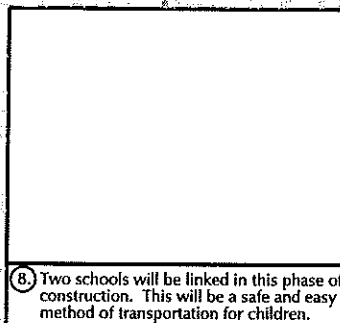
Wilson
Morgan
Park



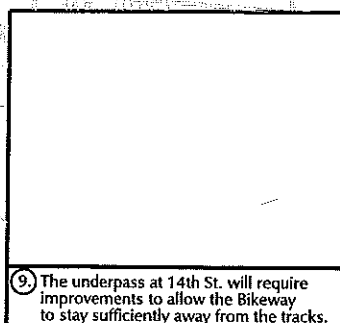
6. The Bikeway will connect to the Decatur Farmers' Market.



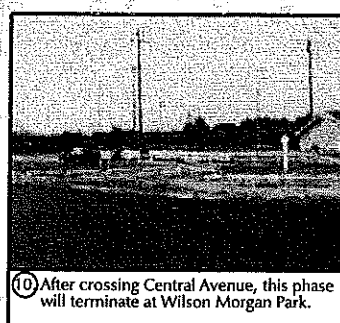
7. The abandoned Sumner Avenue will be reclaimed and used in the new Bikeway Master Plan.



8. Two schools will be linked in this phase of construction. This will be a safe and easy method of transportation for children.



9. The underpass at 14th St. will require improvements to allow the Bikeway to stay sufficiently away from the tracks.



10. After crossing Central Avenue, this phase will terminate at Wilson Morgan Park.

DECATUR, ALABAMA Rhodes Ferry Park to Wilson Morgan Park Connection PHASE II: ESTIMATE OF PROBABLE CONSTRUCTION COST				
DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT TOTAL
Bikeway Trail \$415,900				
New Trails	LF	16,800	\$16.50	\$310,200
Shared Road Trails	LF	1,500	\$8.00	\$12,000
Shared Road Trails w/ Road Improvement	LF	1,700	\$21.00	\$35,700
Resurfaced Trails	LF	1,000	\$8.00	\$8,000
Crosswalks / Signage	LS	1	\$10,000.00	\$10,000
Security Railing	LF	1,000	\$40.00	\$40,000
Highway 20 Underpass \$43,225				
Grading	CY	300	\$12.00	\$3,600
Structural Retaining Wall	FF	1000	\$20.00	\$20,000
New Trail Construction	LF	250	\$16.50	\$4,125
Security Railing	LF	200	\$40.00	\$8,000
Lighting	LS	1	\$7,500.00	\$7,500
14th Street Underpass \$45,500				
Grading	CY	350	\$12.00	\$4,200
Structural Retaining Wall	FF	1000	\$25.00	\$25,000
New Trail Construction	LF	200	\$16.50	\$3,300
Security Railing	LF	200	\$40.00	\$8,000
Lighting	LS	1	\$5,000.00	\$5,000
SUBTOTAL				\$504,625
10% Project Contingency				\$50,463
TOTAL COST				\$555,088



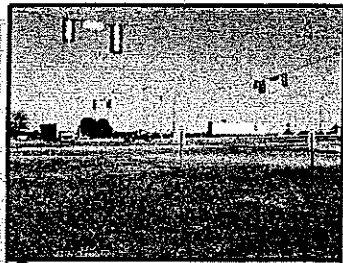
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DECATUR BIKEWAY MASTERPLAN

CITY OF DECATUR, ALABAMA

Sumner Avenue Trail
EXHIBIT II

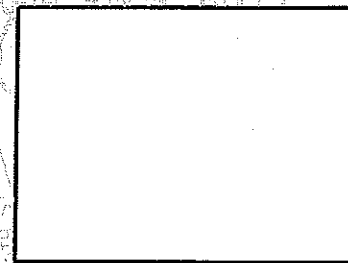
PROJECT NUMBER: 26967-00



1 This phase of the Bikeway will begin at Wilson Morgan Park. The trail will stay on the north side of Beltline Highway.



2 The intersection of highway 31 and hwy 67 has a very high traffic volume, trails will be routed to avoid this intersection.



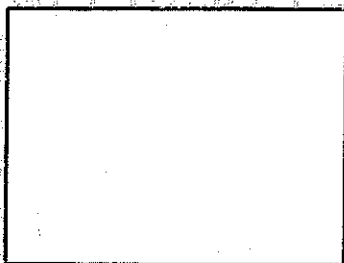
3 Veterans Drive and Knight Street should be used for purposes of avoiding the Highway 31, Highway 67 intersection.



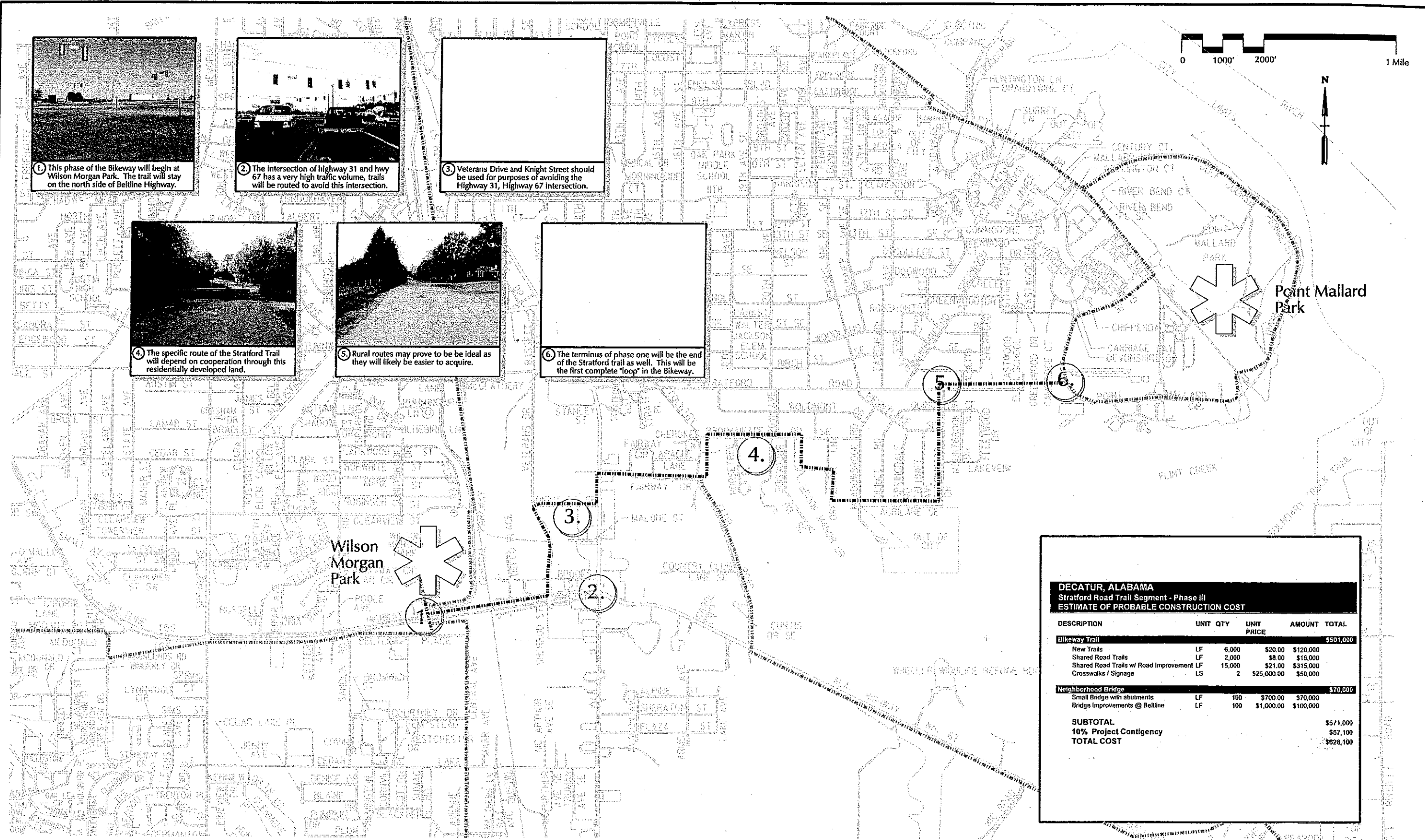
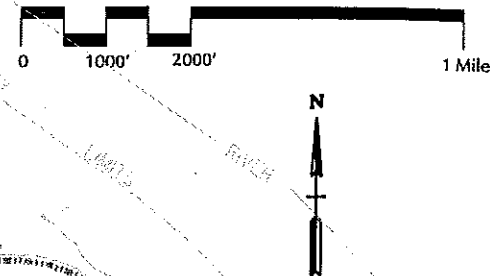
4 The specific route of the Stratford Trail will depend on cooperation through this residentially developed land.



5 Rural routes may prove to be ideal as they will likely be easier to acquire.



6 The terminus of phase one will be the end of the Stratford trail as well. This will be the first complete "loop" in the Bikeway.



DECATUR, ALABAMA
Stratford Road Trail Segment - Phase III
ESTIMATE OF PROBABLE CONSTRUCTION COST

DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
Bikeway Trail					\$501,000
New Trails	LF	6,000	\$20.00	\$120,000	
Shared Road Trails	LF	2,000	\$8.00	\$16,000	
Shared Road Trails w/ Road Improvement	LF	15,000	\$21.00	\$315,000	
Crosswalks / Signage	LS	2	\$25,000.00	\$50,000	
Neighborhood Bridge					\$70,000
Small Bridge with abutments	LF	100	\$700.00	\$70,000	
Bridge Improvements @ Beltline	LF	100	\$1,000.00	\$100,000	
SUBTOTAL					\$571,000
10% Project Contingency					\$57,100
TOTAL COST					\$628,100

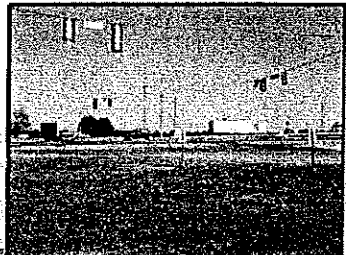


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DECATUR BIKEWAY MASTERPLAN

CITY OF DECATUR, ALABAMA

Stratford Trail
EXHIBIT III
PROJECT NUMBER: 26967-00



1. The Central Avenue trail will cross Beltline at the intersection with Central. There is a traffic light which should be utilized.



2. Central avenue is narrow, but primarily rural, this would lend itself to new trails set as far from the road as is possible.



3. Several bridges would require widening if shared road trails were to be implemented. This, again, lends to new trail construction.



4. Road-side ditches will require earthwork or wide setbacks for new trail construction.



5. A portion of this trail will be adjacent to railroad right of way. Maximum setbacks should be implemented.



6. The trail will be required to elevate and to go outside the bridge support columns in order to maximize setback distance.



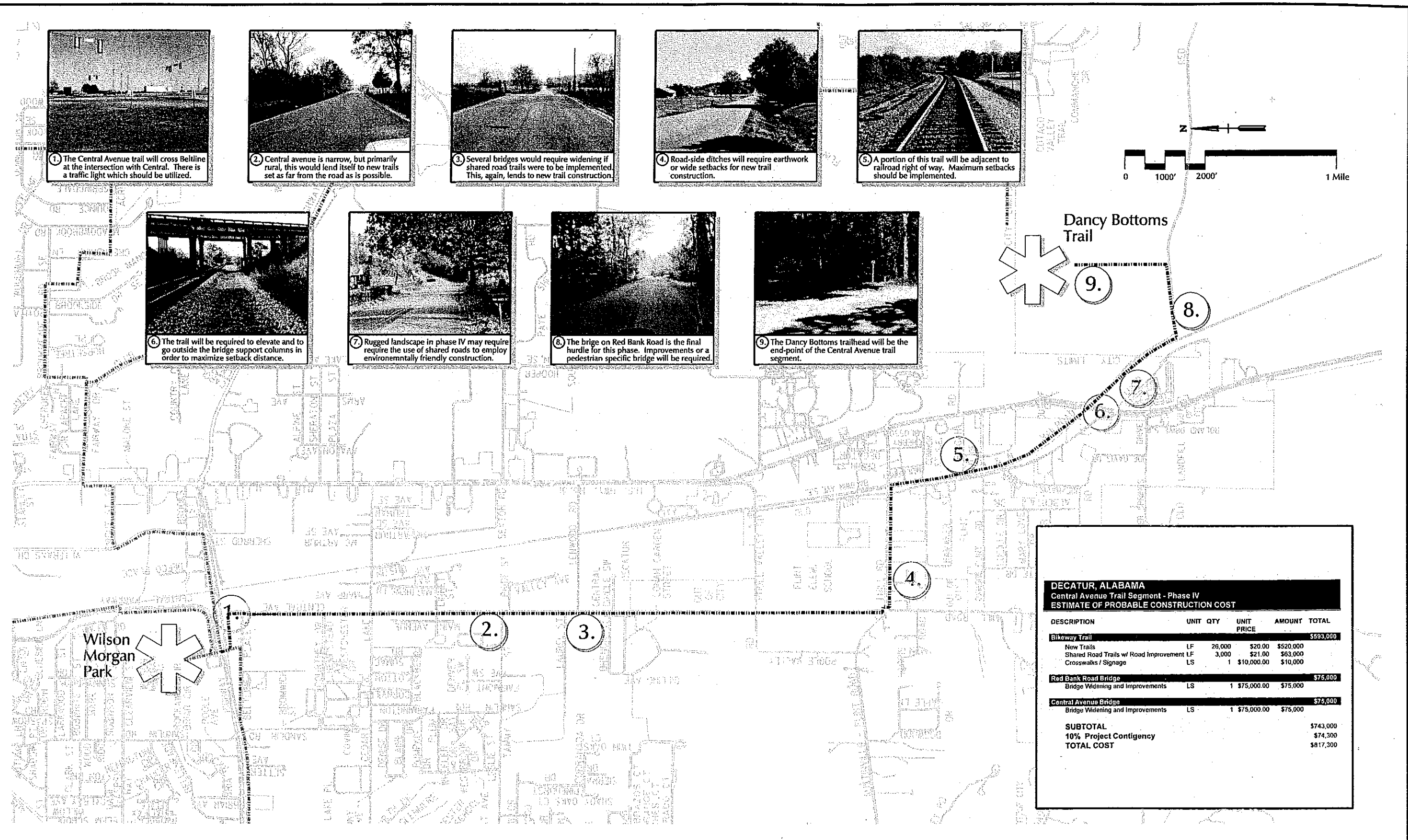
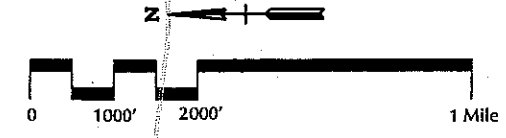
7. Rugged landscape in phase IV may require the use of shared roads to employ environmentally friendly construction.



8. The bridge on Red Bank Road is the final hurdle for this phase. Improvements or a pedestrian specific bridge will be required.



9. The Dancy Bottoms trailhead will be the end-point of the Central Avenue trail segment.



DECATUR, ALABAMA
Central Avenue Trail Segment - Phase IV
ESTIMATE OF PROBABLE CONSTRUCTION COST

DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
Bikeway Trail					\$593,000
New Trails	LF	26,000	\$20.00	\$520,000	
Shared Road Trails w/ Road Improvement	LF	3,000	\$21.00	\$63,000	
Crosswalks / Signage	LS	1	\$10,000.00	\$10,000	
Red Bank Road Bridge					\$75,000
Bridge Widening and Improvements	LS	1	\$75,000.00	\$75,000	
Central Avenue Bridge					\$75,000
Bridge Widening and Improvements	LS	1	\$75,000.00	\$75,000	
SUBTOTAL					\$743,000
10% Project Contingency					\$74,300
TOTAL COST					\$817,300

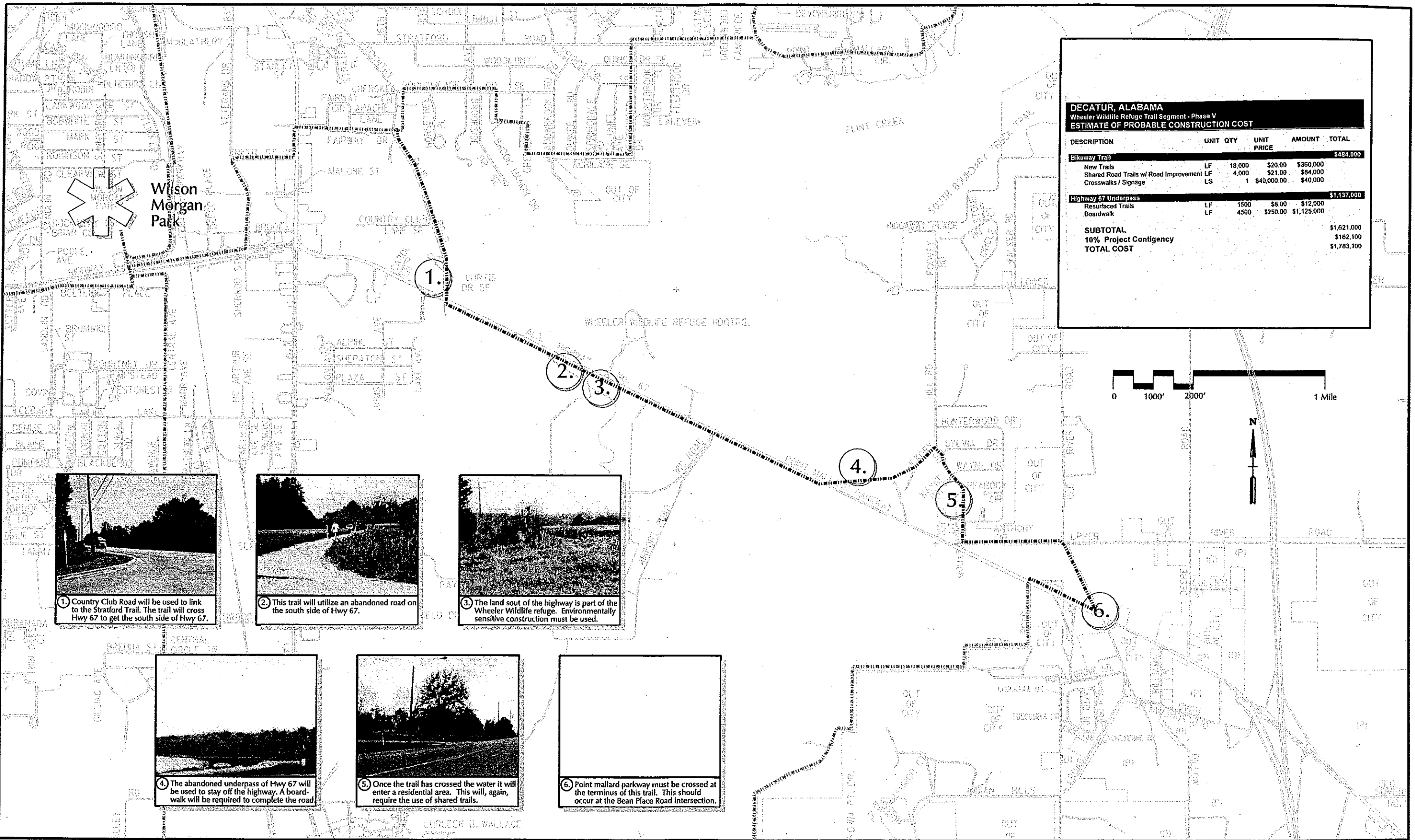


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DECATUR BIKEWAY MASTERPLAN

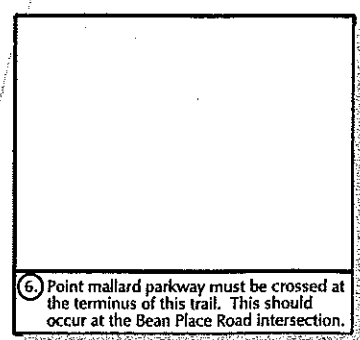
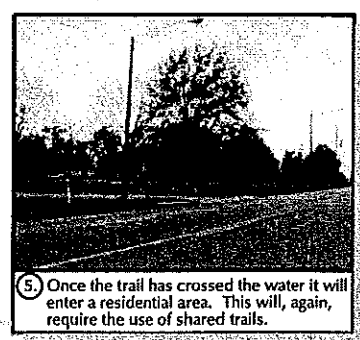
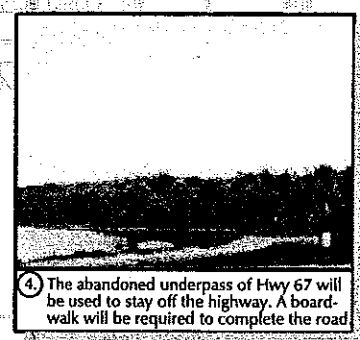
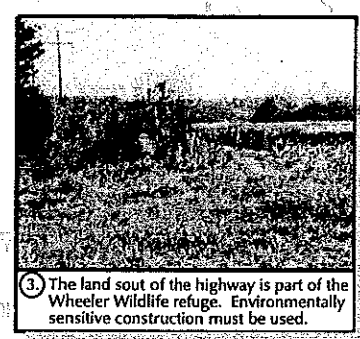
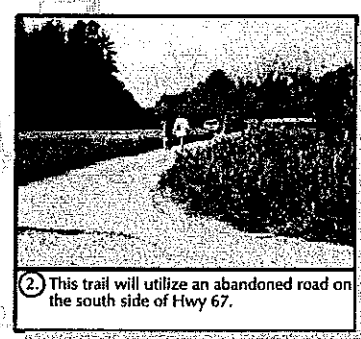
CITY OF DECATUR, ALABAMA

Central Avenue Trail
EXHIBIT IV
 PROJECT NUMBER: 26967-00



DECATUR, ALABAMA
Wheeler Wildlife Refuge Trail Segment - Phase V
ESTIMATE OF PROBABLE CONSTRUCTION COST

DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
					\$484,000
Bikeway Trail					
New Trails	LF	18,000	\$20.00	\$360,000	
Shared Road Trails w/ Road Improvement	LF	4,000	\$21.00	\$84,000	
Crosswalks / Signage	LS	1	\$40,000.00	\$40,000	
					\$1,137,000
Highway 67 Underpass					
Resurfaced Trails	LF	1500	\$8.00	\$12,000	
Boardwalk	LF	4500	\$250.00	\$1,125,000	
					\$1,621,000
SUBTOTAL					
10% Project Contingency					\$162,100
TOTAL COST					\$1,783,100

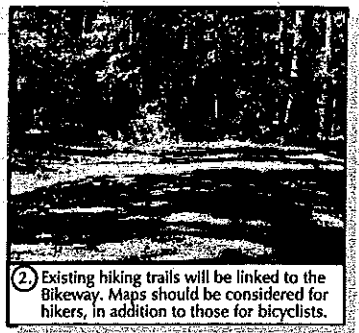
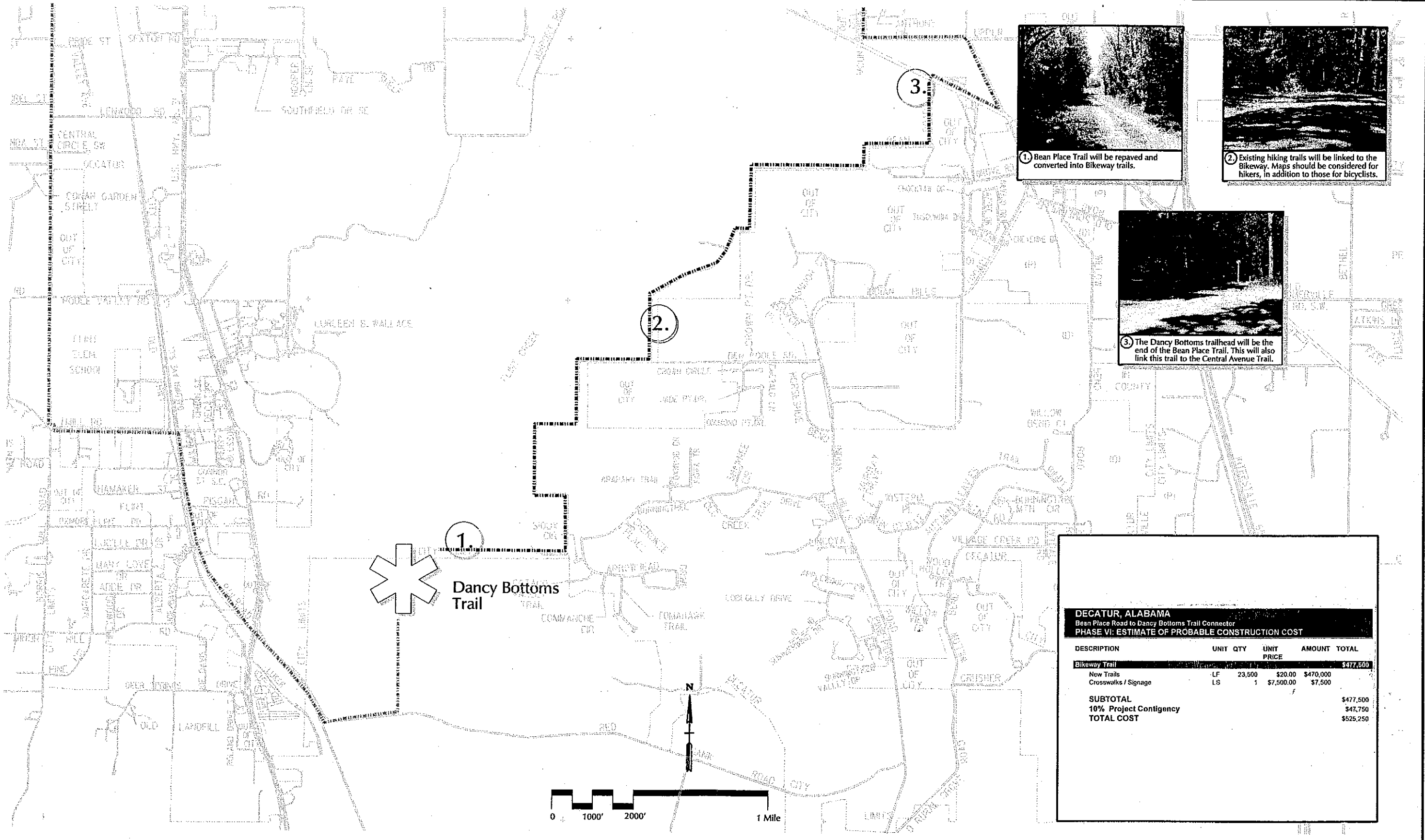


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DECATUR BIKEWAY MASTERPLAN

CITY OF DECATUR, ALABAMA

Wheeler Wildlife Reserve Trail
EXHIBIT V
PROJECT NUMBER: 26967-00



DECATUR, ALABAMA
 Bean Place Road to Dancy Bottoms Trail Connector
 PHASE VI: ESTIMATE OF PROBABLE CONSTRUCTION COST

DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
Bikeway Trail					\$477,500
New Trails	LF	23,500	\$20.00	\$470,000	
Crosswalks / Signage	LS	1	\$7,500.00	\$7,500	
SUBTOTAL					\$477,500
10% Project Contingency					\$47,750
TOTAL COST					\$525,250



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CITY OF DECATUR, ALABAMA

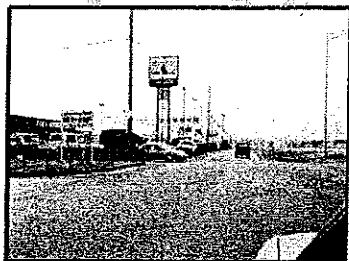
Bean Place Trail
 EXHIBIT VI
 PROJECT NUMBER: 26967-00



1. The Modaus Road trail begins where phase IV already crossed Beltline. It will use the road parallel to Beltline until Spring Ave.



2. Car dealerships and several other high-traffic destinations could pose a problem for trail layout.



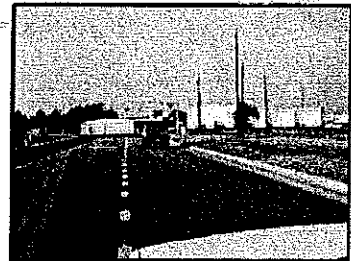
3. The trail should be on the north side of this parallel road to stay away from these businesses.



4. The trail will then pass through several residential areas. The trail will continue to travel along the south side of the road.



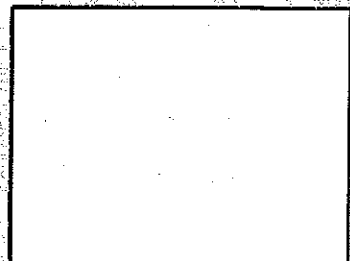
5. The Bikeway will then become more rural in character before turning back toward more residential development.



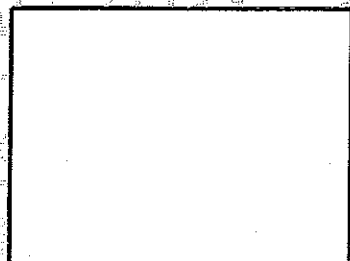
6. At Modaus Rd. the trail will again travel through developed land. Here, the trail will become a shared-road section.



7. The shared road trail construction will accompany improvements to Modaus Rd. The trail will be on both sides of the road.



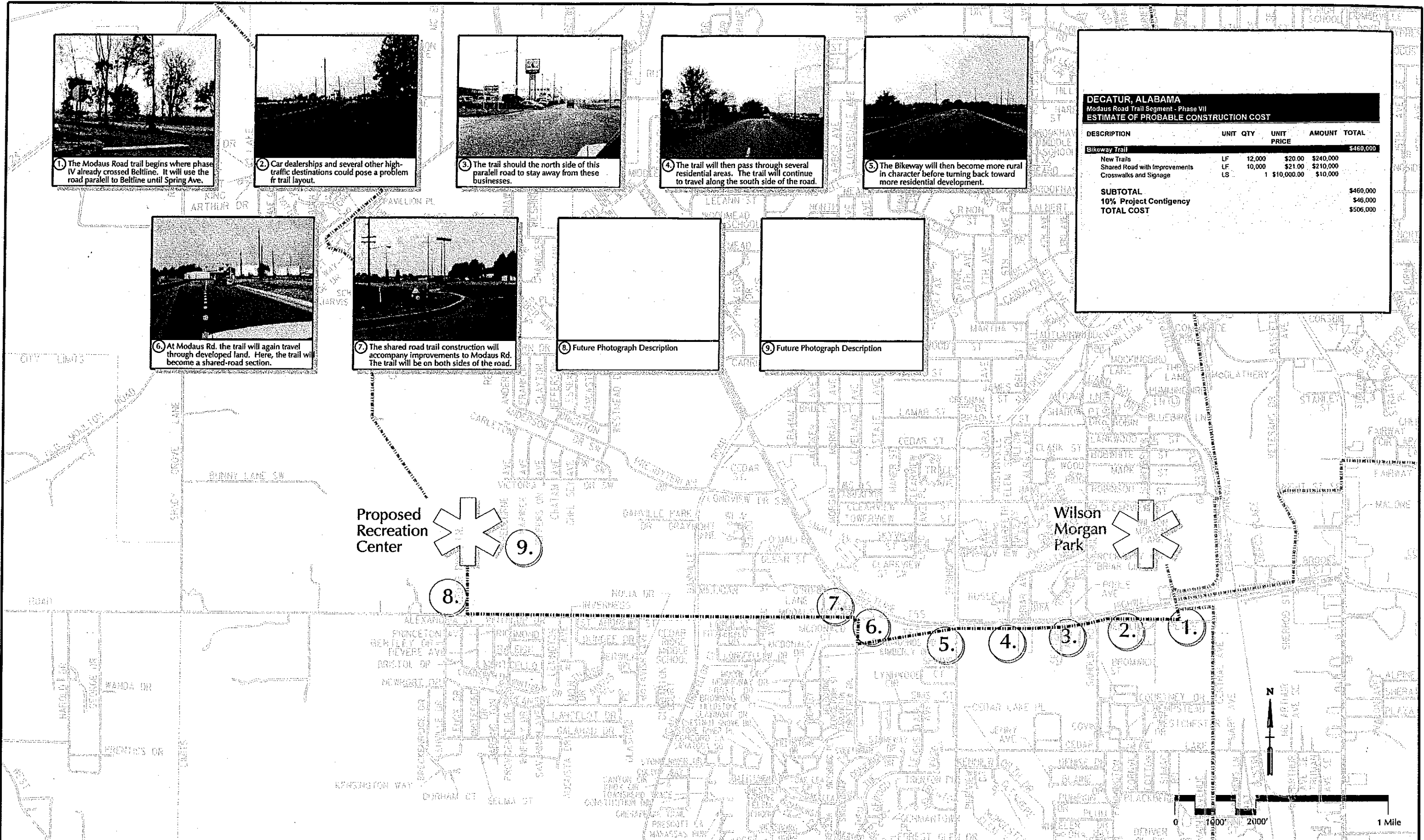
8. Future Photograph Description



9. Future Photograph Description

DECATUR, ALABAMA
Modaus Road Trail Segment - Phase VII
ESTIMATE OF PROBABLE CONSTRUCTION COST

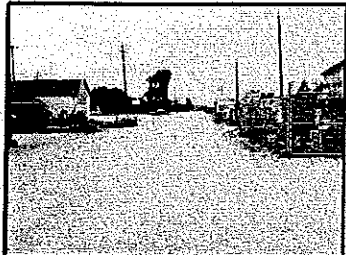
DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
Bikeway Trail					\$460,000
New Trails	LF	12,000	\$20.00	\$240,000	
Shared Road with Improvements	LF	10,000	\$21.00	\$210,000	
Crosswalks and Signage	LS	1	\$10,000.00	\$10,000	
SUBTOTAL					\$460,000
10% Project Contingency					\$46,000
TOTAL COST					\$506,000



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DECATUR BIKEWAY MASTERPLAN
CITY OF DECATUR, ALABAMA

Modaus Road Trail
EXHIBIT VII
PROJECT NUMBER: 26967-00



1 The final phase of the Bikeway will begin on Old Market Street. This has historic value, but will require improvements.



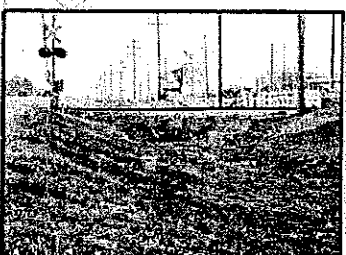
2 The trail will use Market St until Newcomb St. It will then use existing trails (to be improved) on the south side of HWY 20.



3 Leon Scheffield School, located on the north side of Highway 20, should be linked to the Bikeway.



4 Some areas will require special thought as embankments are not wide enough for the Bikeway.



5 Railroad tracks will be crossed in several locations along the trail. These will require a special crosswalk.



6 Some businesses are located on the trail these connections should be strengthened when a company feels it will be beneficial.



7 Adequate space for Bikeway trails exists, but special attention should be given to intersections with roads and railroads.



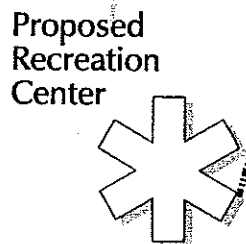
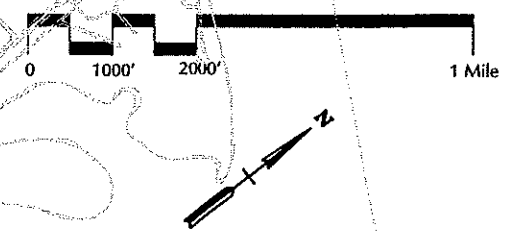
8 Roadside ditches may require special care, but this undeveloped land will allow space for trails opposite the ditch from the road.



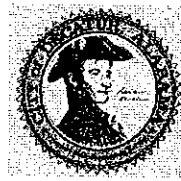
9 Power line easements will be used, with permission, as they are open land areas which will be easily converted to trails.

DECATUR, ALABAMA
Woodall Road Trail Segment - Phase VIII
ESTIMATE OF PROBABLE CONSTRUCTION COST

DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	TOTAL
Bikeway Trail					\$1,104,000
New Trails	LF	40,000	\$20.00	\$800,000	
Shared Road with Improvements	LF	10,000	\$21.00	\$210,000	
Resurfaced Trails	LF	8,000	\$8.00	\$64,000	
Crosswalks and Signage	LS	1	\$30,000.00	\$30,000	
SUBTOTAL					\$1,104,000
10% Project Contingency					\$110,400
TOTAL COST					\$1,214,400



Proposed Recreation Center



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CITY OF DECATUR, ALABAMA

Woodall Road Trail
EXHIBIT VIII
PROJECT NUMBER: 26967-00