

CMAP/TAP FY 2016-2020 CMAQ PROJECT APPLICATION

BICYCLE FACILITY

I. PROJECT IDENTIFICATION					
Project Sponsor Lake County Forest Preserve District			Contact Information – Name, Title, Agency, Address, Phone, e-mail (e-mail required) Jeff Sloat, Landscape Architect Lake County Forest Preserve District 1899 West Winchester Road Libertyville, Illinois 60048 847-968-3277 JSloat@lcfpd.org		
Other Agencies Participating in Project					
City of Lake Forest					
<input checked="" type="checkbox"/> New Project		TIP ID for Existing Project			
<input type="checkbox"/> Existing CMAQ/TAP Project					
<input type="checkbox"/> Add CMAQ/TAP to Existing Project					
II. PROJECT LOCATION					
<ul style="list-style-type: none"> • Projects not readily identified by location must provide a title on the last line of this section • Attach a map sufficient to accurately locate this project in a GIS system 					
Name of Street or Facility to be Improved Middlefork Savanna Forest Preserve Trail			Marked Route # N/A		
Project Limits: North/ <u>West</u> Reference Point/Cross St/ <u>Intersection</u> IL Route 60 and Academy Drive			Marked Route #	Municipality & County Lake Forest & Lake County	
Project Limits: South/ <u>East</u> Reference Point/Cross St/ <u>Intersection</u> Middlefork Savanna Forest Preserve Trail			Marked Route #	Municipality & County Lake Forest & Lake County	
Other Project Location Information or Project Title Located along Academy Drive at Lake Forest Academy					
III. PROJECT FINANCING AND CMAQ FUNDING REQUEST Please review the instructions.					
	Starting Federal Fiscal Year*	Total Phase Costs	(New) CMAQ/TAP Funds Requested	Other Federal Funds Including prior CMAQ/TAP awards	
				Fund Type	Amount
Engineering Phase 1	2014	\$ 116,839	\$		\$
Engineering Phase 2	2015	\$ 162,652	\$ N/A		\$
Right-Of-Way Acquisition	N/A	\$ N/A	\$ N/A		\$
Construction (Including Construction Engineering)	2016	\$ 2,582,900	\$ 2,066,320		\$
Engineering (For Implementation Projects)		\$	\$		\$
Implementation		\$	\$		\$
Alternatives Analysis		\$	\$		\$
*Phase must be accomplished within 3 years		\$ 2,862,400	\$ 2,066,320		
Total Project Costs					
*For TAP funds, cost increases beyond the initial programmed amounts will be the responsibility of sponsors.					
Source Of Local Matching Funds		Lake County Forest Preserve District & City of Lake Forest			
If Soft Matching Funds Are Intended To Be Used, Please Contact CMAP Staff.					
Have The Matching Funds Been Secured? (Provide Details):		Yes. See Table 1 – Lake County Forest Preserve District Five-Year Capital Improvement Plan.			

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IV. PROJECT EMISSIONS BENEFIT DATA

Indicate the current status of the bicycle environment where the proposed facility will be constructed. Are bike lanes present? If so, give width.

The Middlefork Savanna Forest Preserve Trail system consists of almost 5 miles of 10-foot wide aggregate paths. Townline Community Park has 8-foot wide bituminous shared-use paths. The north and south legs at Academy Drive and IL Route 60 have bicycle actuation activated by pressing a push-button. There are no bicycle lanes present. Lake Forest Academy has a 5-foot crushed limestone path from Faculty Circle north to the school.

Indicate the connectivity of bikeways resulting from the project:

- Project fills a gap between existing bikeways Project intersects an existing bikeway
 Project extends an existing bikeway Project is a new isolated bikeway segment

Describe how the proposed bicycle facility integrates with transit service.

The Lake Forest Bicycle Master Plan identifies a bicycle network throughout the city. This is comprised of existing and proposed paths, trails, and bicycle lanes that link the City of Lake Forest with the four Metra Train Stations and other key community locations within the city. See Exhibit 3 for Regional Bike Map and Exhibit 4 for Proposed Bicycle Network. The Middlefork Savanna Trail Connection provides connectivity to IL Route 60, making a future connection to Waukegan Road and to the West Lake Forest Metra Station. It also provides future connectivity to Deerpath Road which connects to the East Lake Forest Metra Station.

Provide the following for the road(s) of the facility or adjoining to the off-road facility (use separate sheet for multiple roads):

IL Route 60

Traffic volumes (AADT): **21,600**, # of Thru Lanes **4**, Lane Width: **12'**,
 Width of Outside Paved Shoulder: **N/A**, Speed Limit: **45 mph**, % of Heavy Vehicles: **3%**,
 Pavement Condition : **Good**, % of On-street Parking Occupied: **N/A**.

Academy Drive

Traffic volumes (AADT): **N/A**, # of Thru Lanes **2**, Lane Width: **10'**,
 Width of Outside Paved Shoulder: **N/A**, Speed Limit: **30 mph**, % of Heavy Vehicles: **N/A**,
 Pavement Condition : **Good**, % of On-street Parking Occupied: **N/A**.

Is the project identified in an approved or adopted plan: Yes No

Attach documentation of the plan or provide a link to the document on a publicly available website.

City of Lake Forest Bicycle Master Plan was accepted by the Lake Forest City Council on June 3, 2013. See Exhibit 4 for the City of Lake Forest Bicycle Plan. A copy of the full Bicycle Master Plan can be found here:
<http://www.cityoflakeforest.com/city-government/planning/bicycle-master-plan/>

See Exhibit 5 for the Northeastern Illinois Regional Greenways and Trails Plan updated in 2009 by the Chicago Metropolitan Agency for Planning (CMAP). More details about this plan can be found here:
<http://www.cmap.illinois.gov/mobility/walking-and-bicycling/greenways-and-trails>

The Lake County Board adopted the Lake County 2040 Transportation Plan. See Exhibit 6 for the 2040 Non-Motorized Plan. The Lake County 2040 Transportation plan can be found here:
<http://www.lakecountyil.gov/Transportation/ProgramsPlansStudies/Pages/2040TransportationPlan.aspx>

V. PROGRAM MANAGEMENT INFORMATION

Is Right-Of-Way Acquisition required for this project? Yes No If so, has it been acquired? Yes No

Preliminary Design Status: N.A. Not Begun Agreement executed by Central Office Engineering Underway
 Submitted for review Responding to review comments
 Agreement sent to District 1 for signatures Design approval granted
 Date approval is anticipated or was granted: **Anticipated August 2015**

Estimated Completion (Construction) Year: **2016**

VI. PROJECT DESCRIPTION

Please describe improvements, including how the project integrates in to the area with regard to different trip attrators.

The proposed improvement will connect the Townline Community Park to the Middlefork Savanna Forest Preserve by constructing an 8-foot wide shared-use path along the west side of Academy Drive from IL Route 60 to Faculty Circle. Crosswalks and pedestrian actuations with countdown pedestrian signal heads will be installed at the intersection of IL Route 60 and Academy Drive. A crosswalk will be installed across the north leg of Academy Drive and Faculty Circle. East of Academy Drive, the 8-foot shared-use path will continue east and cross the Metra railroad tracks on a proposed 12-foot wide, 221-foot long bridge structure. See Exhibit 1 for Location Map and Exhibit 2 for Detailed Location Map.

As shown on Exhibit 2, the proposed path alignment into Middlefork Savanna follows the alignment of the former driveway over the railroad tracks and into the historic site of the former J. Ogden Armour's estate, currently Lake Forest Academy. The original bridge was demolished in 1954; however, parts of the original abutments still remain. The Middlefork Savanna Trail Connection will re-establish a safe crossing over the railroad tracks for pedestrians and bicyclists. To the east of the Middlefork Savanna Trail Connection is one of the Armour Estate's original bridge structures. This structure provides a crossing over the North Branch Chicago River. Refurbished in 1998, the bridge connects the Middlefork Savanna Forest Preserve with the Melody Farm Nature Preserve.

The Middlefork Savanna Trail system consists of almost 5 miles of aggregate trail that is open for hiking, biking, and cross-country skiing through a dedicated Illinois Nature Preserve. Townline Community Park south of the project limits consists of a half mile 8-foot wide bituminous shared-use path that connects into the residential community to the south and west. The north and south legs of Academy Drive and IL Route 60 have bicycle actuation activated by pressing a push-button located at the back of curb. There are no existing bike lanes along Academy Drive. The Middlefork Savanna Trail Connection will provide a safer environment for pedestrians and bicyclists by providing a shared-use path and the only pedestrian bridge over the Metra railroad tracks in Lake Forest.

The City of Lake Forest has developed a Bicycle Master Plan that, when complete, aims to have a bicycle network throughout the City. This vision will be realized through shared-use paths, trails, and bicycle lanes that will ultimately connect the City of Lake Forest with the four Metra Train Stations and other key community locations within the City. The Middlefork Savanna Trail Connection provides connectivity across IL Route 60, making a future connection to Waukegan Road. Connection will ultimately be made to the West Lake Forest Metra Station via the future IL Route 60 and Waukegan Road Bike Routes. The City is current preparing contract plans for a pedestrian underpass to be located at the West Lake Forest Metra Station to improve crossing safety. The Middlefork Savanna Trail Connection also provides connectivity to Deerpath Road. A connection will ultimately be made to the East Lake Forest Metra Station via the future Deerpath Road Bike Route. See Exhibit 3 for Regional Bike Map and Exhibit 4 for City of Lake Forest Bicycle Master Plan Proposed Bicycle Network.

The trail is also part of an effort to connect the larger regional trail networks such as the North Shore Trail, the Des Plaines River Trail, the Skokie Valley Trail and the Robert McClory Trail. As the leading provider of pedestrian trails in Lake County, the Forest Preserve District is actively working with other agencies to facilitate future connections to other sites such as MacArthur Woods Forest Preserve, Grainger Woods Conservation Area and Captain Daniel Wright Woods. Currently the District is working with the Lake County Division of Transportation on the Everett Road Trail, which will improve access to the West Lake Forest Metra Station.

DETAILED ESTIMATE OF COSTS

Item	Description	Unit	Quantity	Unit Price	Total
1	Tree Removal (6 to 15 Inch Diameter)	INCH	290	\$25.00	\$7,250
2	Tree Removal (Over 15 Inch Diameter)	INCH	148	\$35.00	\$5,180
3	Tree Replacement	EACH	40	\$800.00	\$32,000
4	Tree Protection (Temporary Fence)	FOOT	1,400	\$3.00	\$4,200
5	Pavement Removal	SQYD	60	\$13.00	\$780
6	Curb and Gutter Removal	FOOT	95	\$15.00	\$1,425
7	Earth Excavation	CUYD	550	\$30.00	\$16,500
8	Embankment (Furnished Excavation)	CUYD	12,000	\$27.00	\$324,000
9	PCC Sidewalk	SQFT	470	\$8.00	\$3,760
10	Comb. Conc. Curb and Gutter, Type B-6.12	FOOT	170	\$22.00	\$3,740
11	Aggregate Shoulder, 4"	SQYD	20	\$25.00	\$500
12	Geotechnical Fabric for Ground Stabilization	SQYD	2,670	\$3.25	\$8,680
13	Subbase Granular Material, 6"	SQYD	2,745	\$15.00	\$41,175
14	Bituminous Bike Path , 5"	SQYD	2,670	\$30.00	\$80,100
15	Protective Coat	SQYD	60	\$2.50	\$150
16	Class D Patches, Type IV, 9 Inch	SQYD	25	\$120.00	\$3,000
17	Thermoplastic Pav't Marking - Line 6"	FOOT	345	\$3.00	\$1,035
18	Thermoplastic Pav't Marking - Line 12"	FOOT	80	\$6.00	\$480
19	Thermoplastic Pav't Marking - Line 24"	FOOT	20	\$10.00	\$200
20	Furnishing and Placing Topsoil, 4"	SQYD	12,050	\$6.00	\$72,300
21	Sodding, Salt Tolerant	SQYD	12,050	\$5.00	\$60,250
22	Temporary Erosion Control Seeding	POUND	250	\$5.00	\$1,250
23	Perimeter Erosion Barrier	FOOT	5,580	\$2.00	\$11,160
24	Traffic Signal Post	EACH	3	\$1,250.00	\$3,750
25	Modify Existing Controller	EACH	1	\$7,500.00	\$7,500
26	Pedestrian Signal Head With Countdown Timer	EACH	8	\$800.00	\$6,400
27	Pedestrian Push-Button	EACH	8	\$250.00	\$2,000
28	Concrete Foundation, Type A	EACH	3	\$600.00	\$1,800
29	Electric Cable in Conduit	FOOT	2,000	\$1.25	\$2,500
30	Engineer's Field Office, Type A	MONTH	6	\$3,000.00	\$18,000
31	Signing	FOOT	2,900	\$1.75	\$5,075
32	Wetland Mitigation	ACRE	0.046	\$80,000.00	\$3,680
	Subtotal 1				\$729,800
33	Traffic Control and Protection (3% of Subtotal 1)				\$21,900
34	Contractor Mobilization (6% of Subtotal 1)				\$43,800
35	Drainage Items (8% of Subtotal 1)				\$58,400
	Subtotal 2				\$853,900
36	Structure Excavation	CUYD	194	\$ 35.00	\$6,790
37	Concrete Structures	CUYD	90	\$ 800.00	\$72,000
38	Reinforcement Bars, Epoxy Coated	POUND	8200	\$ 1.50	\$12,300
39	Pedestrian Struss Superstructure	SQFT	2652	\$ 380.00	\$1,007,760
	Subtotal 3				\$1,099,000
	Contingency (15% of Subtotal 2 and Subtotal 3)				\$292,900
	TOTAL CONSTRUCTION COST				\$2,246,000
	Phase III Engineering (est. as 15% of Construction Cost)				\$336,900
	TOTAL ENGINEERING COSTS				\$336,900
	TOTAL COST				\$2,582,900

PROJECT MILESTONE SCHEDULE

Municipality: City of Lake Forest
 Project: Middlefork Savanna Trail Connection
 Scope of Work: Bridge and Trail
 TIP #:
 TIP Years (Ph II / Const):
 Section #: 14-F3000-03-BT
 Last Constr & E3 Cost (date): \$
 Current Constr & E3 Cost (date): \$

Contact Information

Municipality	<u>Jeff Sloom, jsloom@lcfpd.org</u>
Council/Liaison	<u>Bruce Christensen, bchristensen@lakecountyil.gov</u>
Consultant	<u>Joel Christell, jchristell@civiltechinc.com</u>
IDOT	<u>Alex Househ, alex.househ@illinois.gov</u>

Date Prepared: 2/13/2015

Date Revised: _____

Projected Dates

1. Project Scoping
2. IDOT Phase I Kick-off Meeting
3. 1st State/Federal Coordination Meeting
4. Categorical Exclusion Concurrence
5. Design Variance Concurrence
6. Submit Draft Phase I Report (PDR) to IDOT (a)
7. Public Hearing/Meeting (or N/A)
8. Right-of-Way Kick-off Meeting (or N/A)
9. Submit Final Phase I Report (PDR) to IDOT (b)
10. Submit Phase II Engr. Agreem't to IDOT (or N/A)
- 11. Phase I Design Approval**
12. ROW Aquisition Initiation (or N/A) (c)
13. Phase II Engr. Agreement Approval (or N/A)
14. Submit Pre-Final Plans and Estimates (d)
15. Submit Phase III Engr. Agreement to IDOT
16. Submit Final Plans, Specs & Estimates (PS&E) (e)
17. ROW Acquisition Complete
- 18. Construction Letting**

Initial Est.	Kick-Off	Revised/Actual	Notes
		9/2014	
		9/2014	
		10/2014	
		10/2014	
		1/2015	
		4/2015	
		N/A	
		N/A	
		6/2015	
		N/A	
		8/2015	
		N/A	
		N/A	
		10/2015	
		1/2016	
		12/2015	
		N/A	
		3/2016	

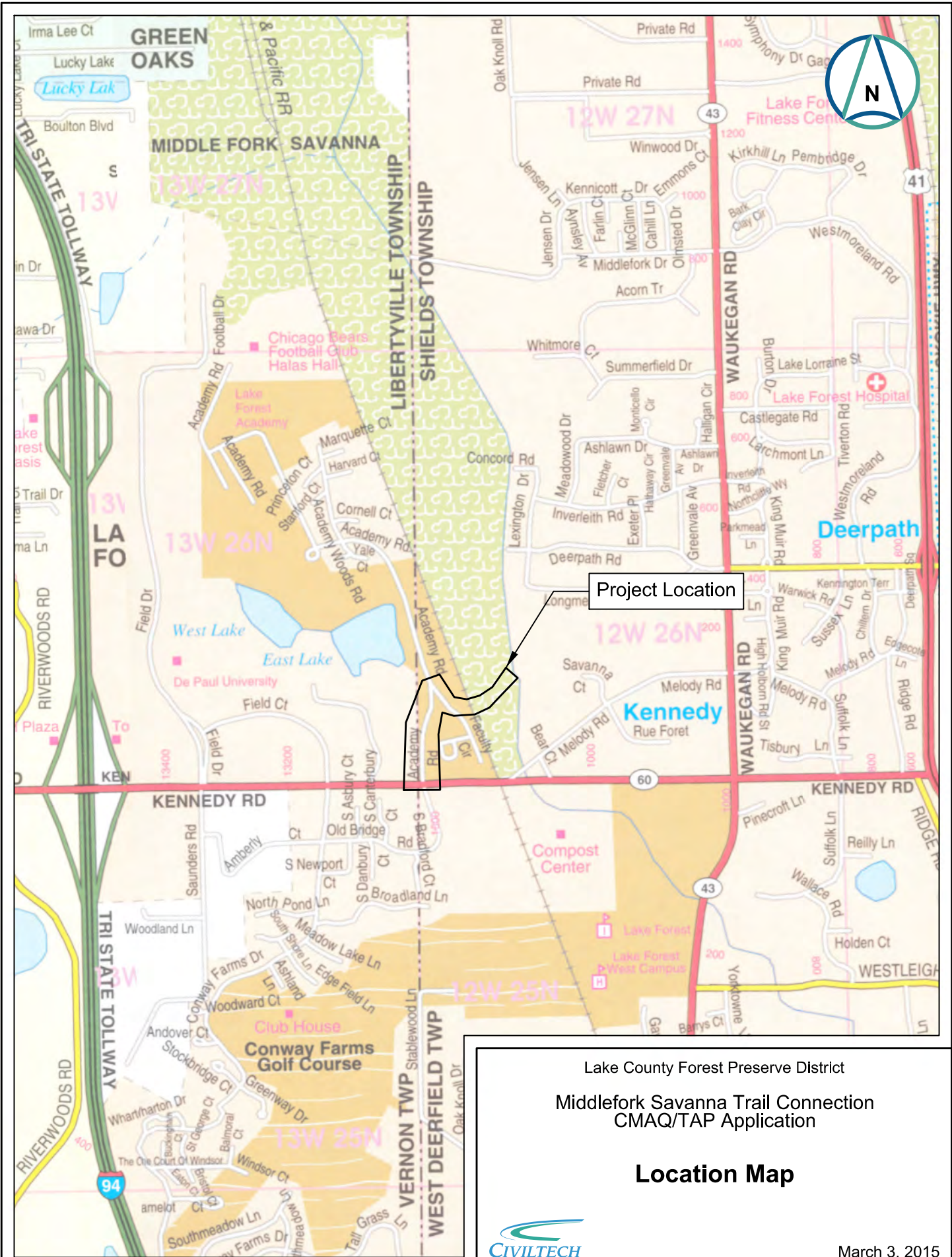
Notes:

- (a) 3 to 6 month review required per complexity and submittal quality
- (b) 1 to 3 month review
- (c) Minimum 9 to 18 months required from plats to acquisition
- (d) 1 to 4 month review
- (e) 7 to 10 days before Springfield BLR due date

See IDOT Local Roads' **Mechanics of Project Management** "Federal Aid Project Initiation to Completion" Flow Chart for sequence of events and estimated review times.

Lake County Forest Preserve District Five-Year Capital Improvement Plan

Project No.	Approved 5/13/14	Five Year Funding Requirement										Funding Sources					
		ESTIMATED Project Total	Prior Year(s) Expense	Budget 2013/14	Estimated 2013/14	FY 2014/15				Total Funding	Estimated Habitat Restoration included in Funding	Amount of Projects Unfunded	Bond Funds	Development Levy Fund	Grant Funds	General Fund	Other Funds
						Carry Forward	New Funding	Budget 2014/15	FY 2015/16								
Source of Funds																	
	Development Levy Funds					\$5,252,552	\$1,475,000	\$6,727,552	\$1,700,000	\$1,765,000	\$2,010,000	\$485,000					
	Development Bond Funds					6,900,753	0	6,900,753	17,000,000	0	0	0					
	Interest Income on Bond Funds						27,150	27,150	0	0	0	0					
	General & Other Funds					480,300	1,375,000	1,855,300	1,300,000	1,900,000	1,900,000	865,000					
	IDOT Easement / Tree Fees					703,973	0	703,973	0	0	0	0					
	Preservation Foundation & Donations						16,600	16,600	0	0	0	0					
	Grants					791,148	200,000	991,148	0	0	0	0					
Ongoing Capital Improvements																	
60004	Habitat Restoration	\$6,831,651	926,844	926,844	-	500,000	500,000	500,000	500,000	500,000	500,000	\$10,258,495	\$10,258,495	2,416,869	\$7,841,626	\$0	\$0
60010	Preserve Tree Planting (includes IDOT funding)	1,051,144	349,135	132,700	125,000	225,000	350,000	225,000	225,000	103,973	50,000	\$2,137,817	2,137,817	0	1,086,758	0	\$0
60009	Repair Existing Roads/Parking	2,925,262	1,211,290	1,211,290	-	143,000	143,000	600,000	600,000	600,000	600,000	\$6,679,552		422,423	6,257,129	0	\$0
60015	Trail Signage and Benches	154,303	15,000	15,000	-	15,000	15,000	15,000	15,000	15,000	15,000	\$244,303		0	244,304	0	\$0
60016	Property Fencing	89,429	50,000	50,000	-	50,000	50,000	50,000	50,000	50,000	50,000	\$389,429		0	389,430	0	\$0
60018	Preserve Restrooms/Replacements	337,740	200,000	200,000	-	150,000	150,000					\$687,740		0	687,743	0	\$0
60025	Dog Area Accessibility Improvements	0	-	-	-	50,000	50,000	50,000	50,000			\$150,000		0	0	0	\$150,000
60022	Facility and Infrastructure Improvements	0	-	-	-	500,000	500,000	500,000	500,000	500,000	500,000	\$2,500,000		0	0	0	\$2,500,000
Project																	
64710	Buffalo Creek Phase - MWRD Restoration	\$270,377	147,895	1,433,670	22,482	-	-	-	-	100,000	-	\$270,377	\$100,000	0	0	0	\$0
64701	Buffalo Creek Mitigation Bank Trail	\$300,000	0	300,000	300,000	-	-	-	-	-	-	\$300,000	\$300,000	0	0	0	\$0
60901	Casey Road Trail	682,159	662,159	-	20,000	-	-	-	-	-	-	\$682,159	(0)	0	0	0	\$0
65901	Chain o' Lakes Bike Path - Petite Lake Road connecti	25,000	0	-	-	25,000	25,000					\$25,000		0	25,000	0	\$0
64104	Cuba Marsh Habitat Restoration	650,000	0	-	-	350,000	350,000	150,000	150,000	-	-	\$650,000	650,000	0	450,000	0	\$200,000
63302	DPR Trail - Ryerson North	1,360,020	655,930	100,000	100,000	-	604,090	604,090	-	-	-	\$1,360,020		0	1,260,020	100,000	\$0
62902	DPR Trail - Wilnot Woods	50,000	15,400	34,600	34,600	-	34,600	-	-	-	-	\$50,000	0	0	50,000	0	\$0
60301	Duck Farm Munn Road Access	100,000	0	100,000	-	-	-	100,000	-	-	-	\$100,000	0	0	0	0	\$100,000
63910	Ethel's Woods-N. Mill Creek Restoration	5,842,438	1,297,938	2,947,911	121,000	1,658,500	1,658,500	2,509,500	168,500	43,500	43,500	\$5,842,438	5,842,438	(0)	3,519,288	2,236,150	\$0
63901	Ethel's Woods Public Access	700,000	0	100,000	-	-	-	-	-	100,000	600,000	\$700,000	0	0	100,000	0	\$600,000
65101	Everett Road Trail Connection	1,350,000	0	-	-	150,000	150,000	1,200,000	-	-	-	\$1,350,000	0	1,350,000	0	0	\$0
60406	Fort Sheridan - USACE GLFER Restoration	2,600,000	0	2,600,000	2,600,000	-	-	-	-	-	-	\$2,600,000	\$2,600,000	0	2,600,000	0	\$0
60420	Fort Sheridan Preserve	TBD	8,448,409	263,007	9,458	253,549	253,549	2,690,000	-	-	-	\$11,401,416	TBD	8,873,070	335,000	75,000	\$2,118,346
64810	Fox River Addition	4,000,000	119,243	1,080,758	700,000	50,000	50,000	-	-	-	-	\$869,243	3,130,758	707,262	161,981	0	\$0
61811	General Offices - Infrastructure Improvements	TBD	82,590	-	800,000	700,000	1,500,000	-	-	-	-	\$1,582,590	TBD	0	800,000	0	\$700,000
64603	Gilmer Road Crossing	969,960	887,459	82,502	83,502	-	-	-	-	-	-	\$970,961	(1,001)	0	970,961	0	\$0
65104	Grainger Woods Habitat Restoration	464,158	464,158	6,750	6,750	-	-	-	-	-	-	\$464,158	464,158	0	6,750	0	\$457,408
64703	Grass Lake Road Tunnel	200,000	0	200,000	100,000	100,000	100,000	-	-	-	-	\$200,000	0	200,000	0	0	\$0
60701	Grassy Lake Improvements (Hurd property)	2,500,000	113,060	686,940	101,000	585,940	1,725,000	2,310,940	-	-	-	\$2,525,000	350,000	(25,000)	441,025	1,758,975	200,000
64010	Hastings Lake	5,667,547	5,267,547	600,000	400,000	-	-	-	-	-	-	\$5,667,547	750,000	0	4,730,633	936,922	\$0
64301	Heron Creek Phase II - Trail Addition	650,000	0	-	-	-	-	50,000	-	-	-	\$650,000	0	0	650,000	0	\$0
60913	Independence Grove Parking & Restrooms	1,661,372	1,661,372	-	-	-	-	600,000	-	-	-	\$1,661,372	0	1,660,420	100,959	0	\$0
63610	Lake Carina - DPR Trail Bridge Connection	1,800,000	0	-	-	150,000	150,000	1,650,000	-	-	-	\$1,800,000	0	1,800,000	0	0	\$0
64910	Lake Marie Public Access	105,000	0	-	-	-	-	-	105,000	-	-	\$105,000	0	105,000	0	0	\$0
69101	Lakewood Dog Exercise Area - Use Area Expansion	60,000	0	-	-	60,000	60,000	-	-	-	-	\$60,000	0	0	60,000	0	\$0
61020	Lakewood Forest Preserve	TBD	923,055	2,687,165	19,367	2,667,798	2,667,798	1,603,500	-	-	-	\$5,213,720	TBD	3,469,847	1,743,874	0	\$0
61006	Lakewood Habitat Restoration - Broberg Marsh	450,000	0	-	-	250,000	250,000	100,000	100,000	-	-	\$450,000	450,000	0	450,000	0	\$0
61004	Lakewood Habitat Restoration - McLean	1,761,300	1,772,471	138,830	49,205	-	-	-	-	-	-	\$1,821,676	1,821,676	(60,376)	470,166	741,676	0
61005	Lakewood Habitat Restoration - Schreiber Bog	900,000	0	-	-	300,000	300,000	300,000	300,000	-	-	\$900,000	900,000	0	900,000	0	\$0
61101	Middlefork Savanna Trail Connection	950,000	13,880	63,563	90,000	900,000	900,000	-	-	-	-	\$1,003,880	(53,880)	967,556	36,319	0	\$0
63203	Millennium Trail - Litchfield to Fairfield Rd	1,405,740	1,403,797	22,542	8,065	-	-	-	-	-	-	\$1,411,862	(6,122)	1,380,327	31,541	0	\$0
60003	Millennium Trail - Marl Flat to Litchfield Dr.	625,627	195,627	817,295	430,000	-	-	-	-	-	-	\$625,627	(0)	625,627	0	0	\$0
63214	Millennium Trail - Wilson Road Crossing	1,335,234	269,581	2,979,503	15,653	1,050,000	1,050,000	-	-	-	-	\$1,335,234	(0)	1,157,750	177,484	0	\$0
63703	Millennium Trail - Rollins through Fourth Lake	1,411,043	1,405,975	5,068	5,068	-	-	-	-	-	-	\$1,411,043	(0)	1,411,046	0	0	\$0
61314	Millennium Trail - Rollins Road Crossing	1,480,223	380,223	1,757,258	800,000	300,000	300,000	-	-	-	-	\$1,480,223	0	1,160,226	320,000	0	\$0
63714	Millennium Trail - Grand Ave Crossing	1,367,126	979,167	387,959	387,959	-	-	-	-	-	-	\$1,367,126	(0)	1,095,085	272,040	0	\$0
	Millennium Trail - Rte 45 Tunnel (Ethel's Woods)	3,250,000	0	-	-	-	-	-	-	650,000	-	\$650,000	0	0	0	0	\$650,000
65203	Millennium Trail - Rte 173	30,000	0	30,000	30,000	-	-	-	-	-	-	\$30,000	(30,000)	0	30,000	0	\$0
61303	Millennium Trail - Rte 83 & Rollins Road	70,000	0	70,000	35,054	5,000	5,000	-	-	-	-	\$40,054	29,946	0	40,054	0	\$0
61603	Millennium Trail - Van Patten Woods Connection	735,000	0	635,000	109,629	525,371	100,000	625,371	-	-	-	\$735,000	0	408,000	134,000	0	\$193,000
63801	Nippersink Trail Connection	1,022,170	517,969	83,661	83,661	-	-	400,000	-	-	-	\$1,001,630	20,540	863,745	137,885	0	\$0
64201	Pines Dunes - SMD	75,000	0	-	-	75,000	75,000	-	-	-	-	\$75,000	75,000	0	75,000	0	\$0
61710	Raven Glen Phase III	1,000,000	0	-	-	-	-	-	-	-	-	\$0	0	0	0	0	\$0
62001	Ray Lake - Fort Hill Trail Extension	650,000	0	-	-	-	-	650,000	-	-	-	\$650,000	0	650,000	0	0	\$0
	Rollins Savanna - Trail Connection	400,000	0	-	-	-	-	-	75,000	275,000	-	\$350,000	50,000	0	0	0	\$350,000
64811	Spring Bluff Wildlife Observation Area	600,000	0	-	-	75,000	75,000	525,000	-	-	-	\$600,000	0	380,000	220,000	0	\$0
65004	Southern DPR Preserve Habitat Restoration	3,750,000	489,546	2,135,263	825,589	914,386	150,000	1,064,386	480,436	444,242	276,150	\$3,750,000	3,750,000	0	911,590	798,426	750,000
	Upper DPR - USACE Phase II Ecosystem Restoration	TBD	0	-	-	150,000	150,000	3,000,000	-	-	-	\$3,000,000	3,000,000	0	3,000,000	0	\$0
64610	Waukegan Savanna - Phase I	1,700,000	0	-	-	150,000	150,000	1,000,000	550,000	-	-	\$1,700,000	0	1,003,792	150,000	0	\$546,208
		\$56,976,494	#####	25,101,514	9,689,276	9,370,144	7,397,090	16,767,234	\$17,823,436	\$4,952,742	\$3,218,623	\$2,528,151	\$94,536,692	\$36,299,584			



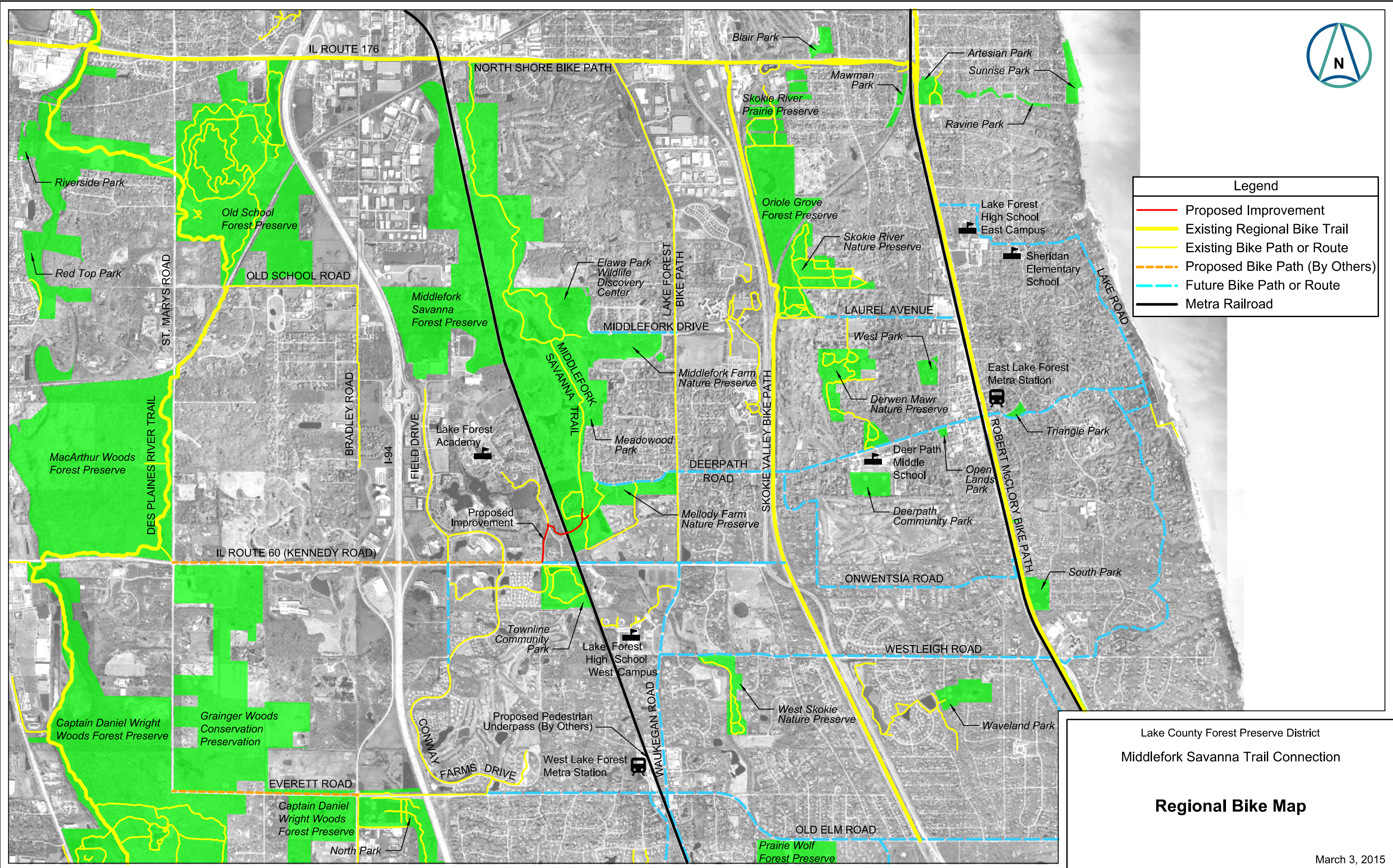
Lake County Forest Preserve District
 Middlefork Savanna Trail Connection
 CMAQ/TAP Application

Location Map

CIVILTECH

March 3, 2015





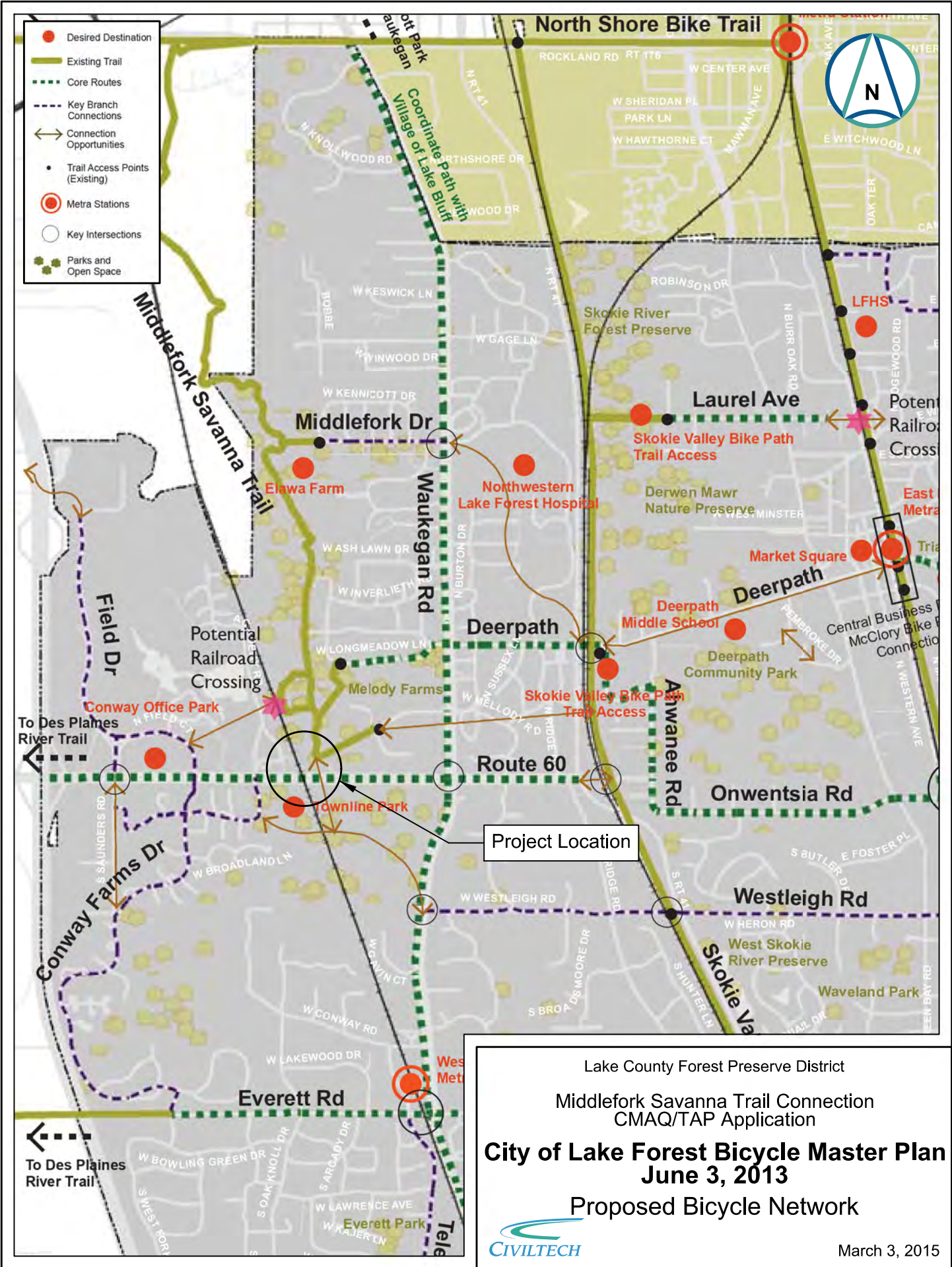
Legend	
	Proposed Improvement
	Existing Regional Bike Trail
	Existing Bike Path or Route
	Proposed Bike Path (By Others)
	Future Bike Path or Route
	Metra Railroad

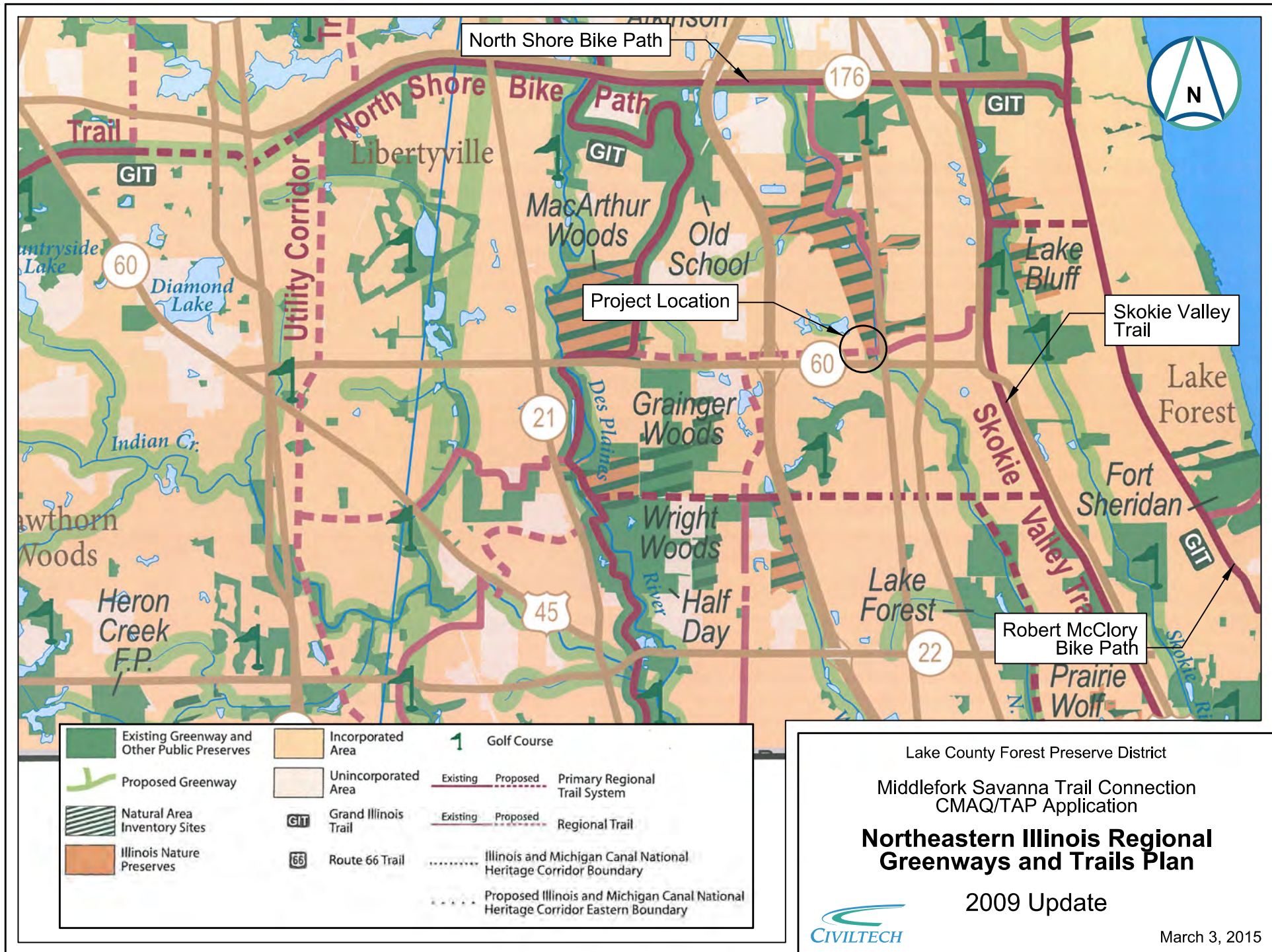
Lake County Forest Preserve District
Middlefork Savanna Trail Connection

Regional Bike Map

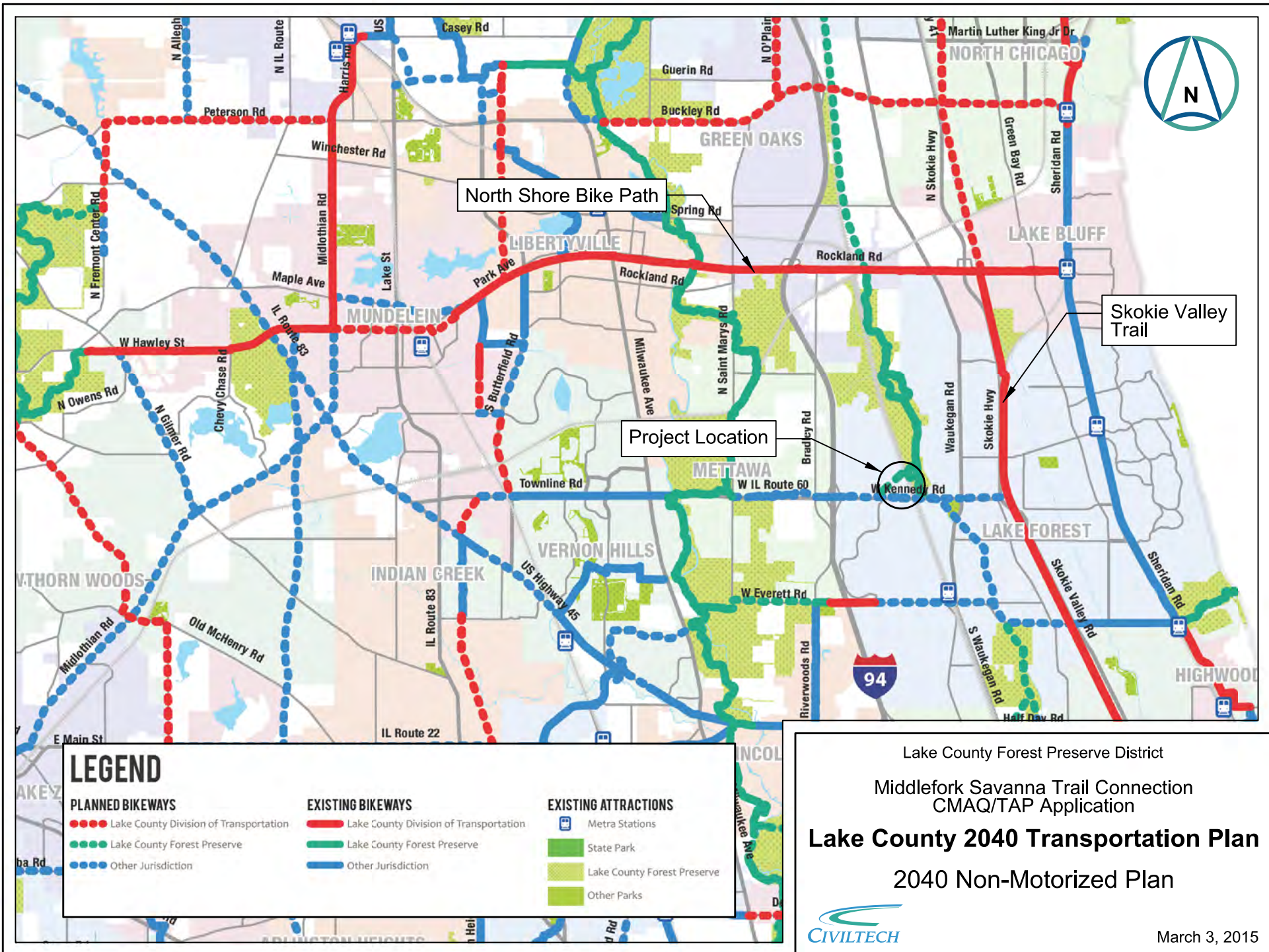
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Exhibit 3





March 3, 2015



North Shore Bike Path

Skokie Valley Trail

Project Location

LEGEND

PLANNED BIKEWAYS

- Lake County Division of Transportation
- Lake County Forest Preserve
- Other Jurisdiction

EXISTING BIKEWAYS

- Lake County Division of Transportation
- Lake County Forest Preserve
- Other Jurisdiction

EXISTING ATTRACTIONS

- 🚆 Metra Stations
- 🌳 State Park
- 🌳 Lake County Forest Preserve
- 🌳 Other Parks

Lake County Forest Preserve District

Middlefork Savanna Trail Connection
CMAQ/TAP Application

Lake County 2040 Transportation Plan 2040 Non-Motorized Plan



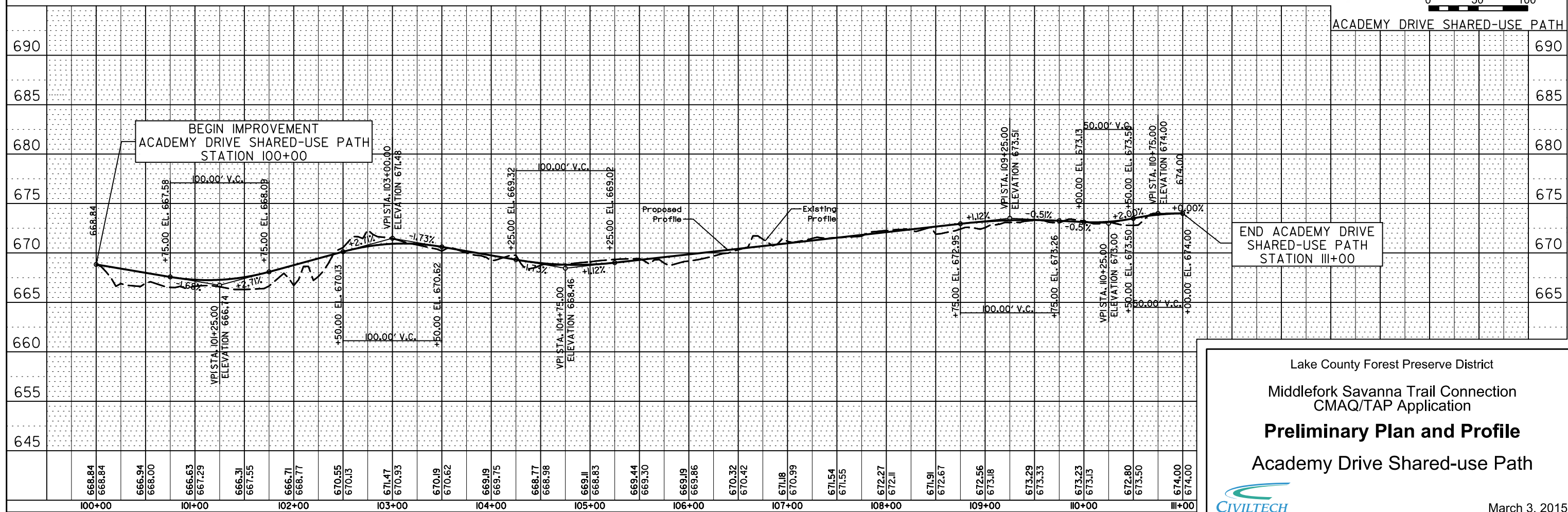
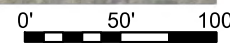
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BEGIN IMPROVEMENT
ACADEMY DRIVE SHARED-USE PATH
STATION 100+00

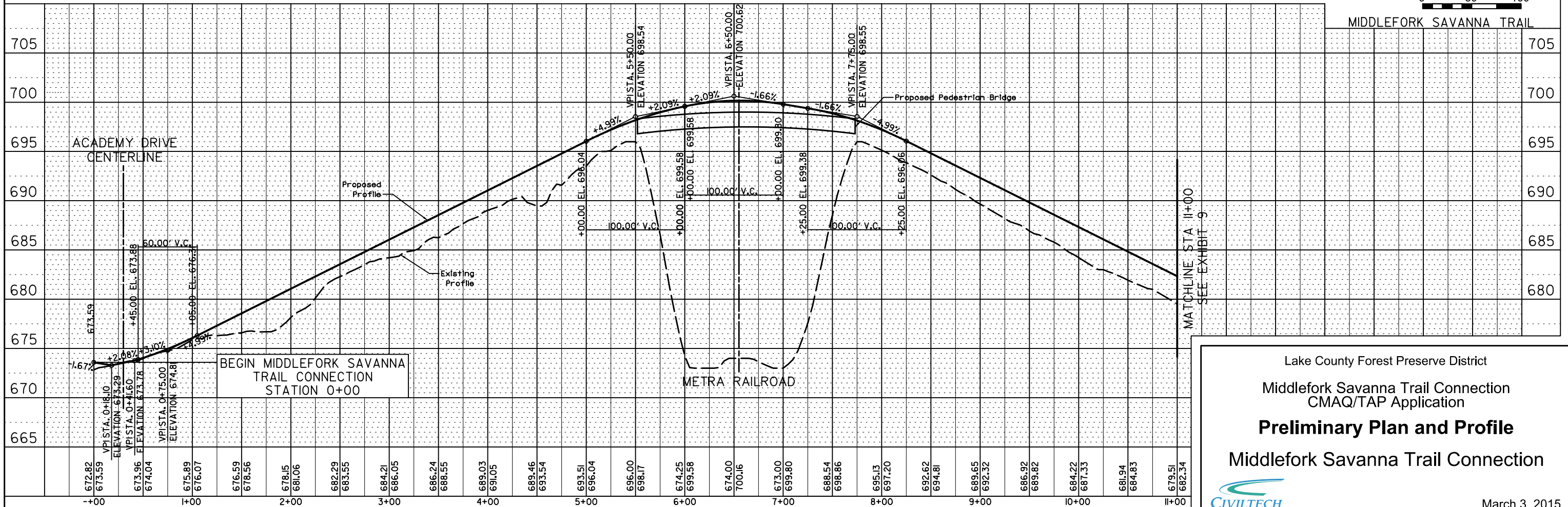
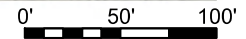
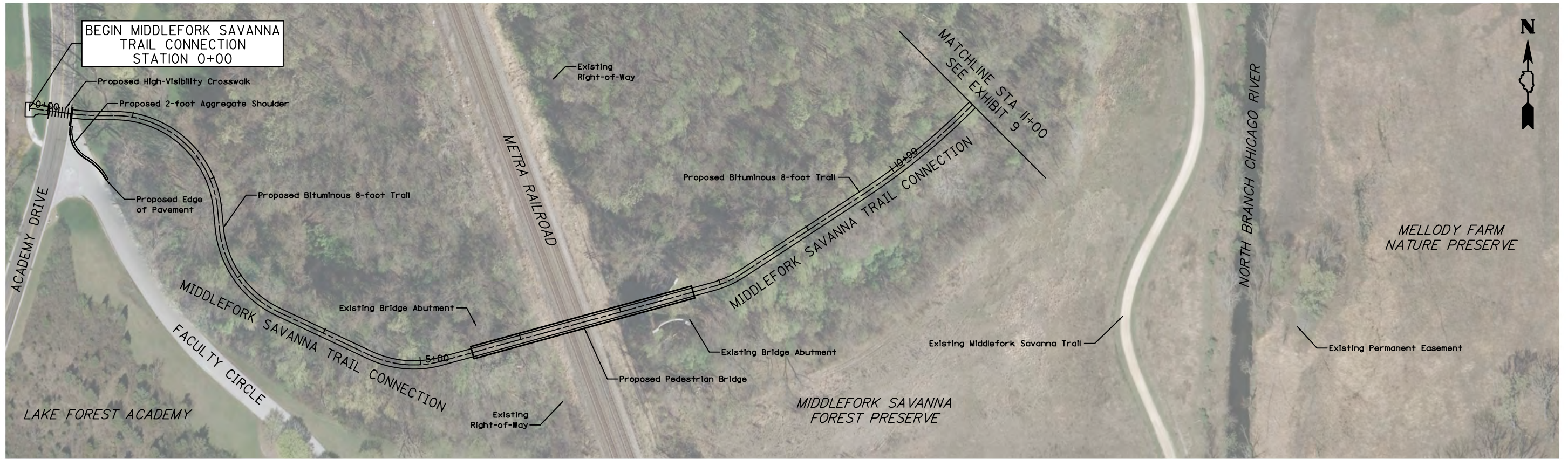
END ACADEMY DRIVE
SHARED-USE PATH
STATION 111+00

BEGIN MIDDLEFORK SAVANNA
TRAIL CONNECTION
STATION 0+00
SEE EXHIBIT 8




Lake County Forest Preserve District
 Middlefork Savanna Trail Connection
 CMAQ/TAP Application
Preliminary Plan and Profile
 Academy Drive Shared-use Path

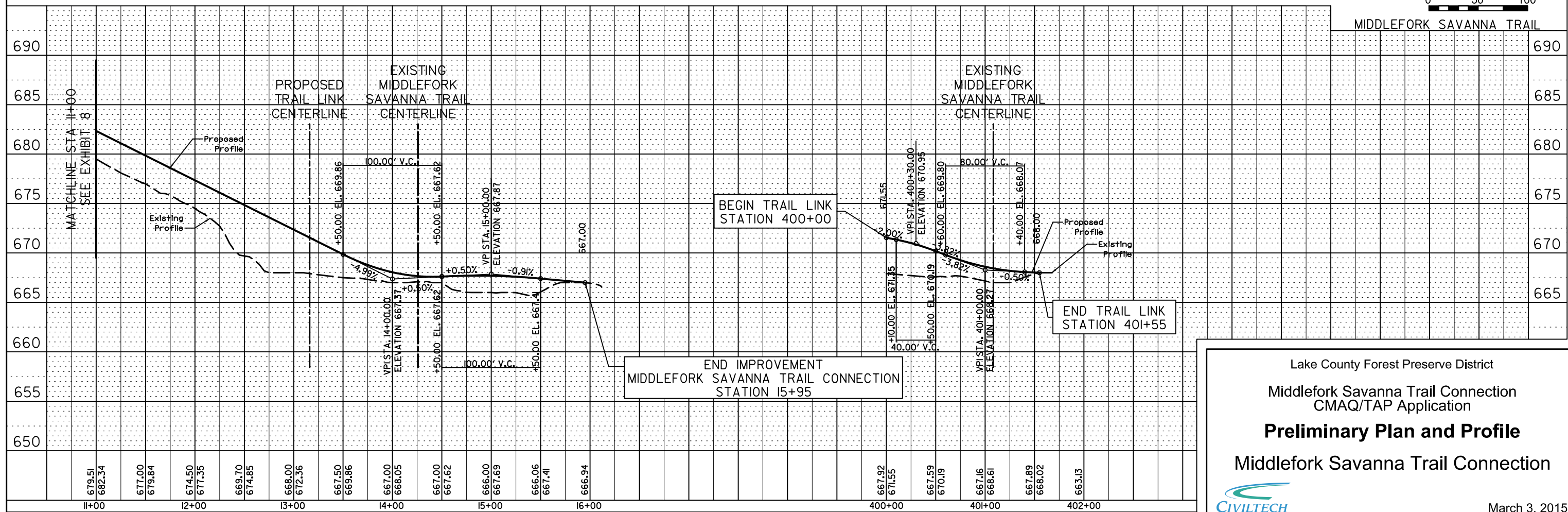
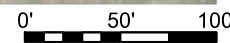
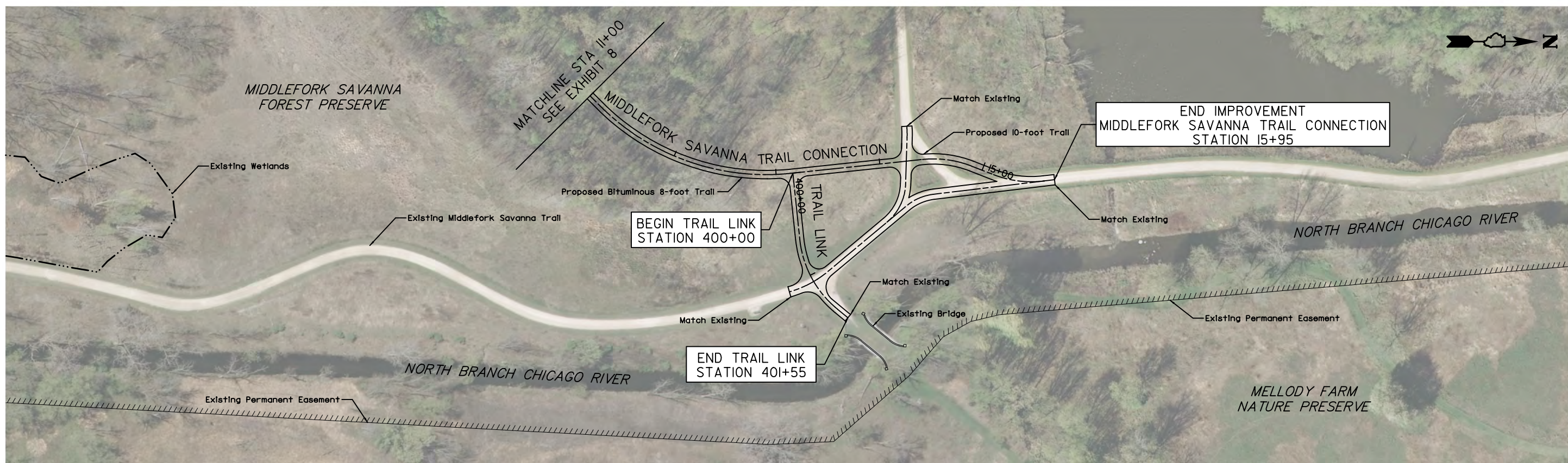
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Lake County Forest Preserve District
 Middlefork Savanna Trail Connection
 CMAQ/TAP Application
Preliminary Plan and Profile
 Middlefork Savanna Trail Connection



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