

CMAP/TAP FY 2016-2020 CMAQ PROJECT APPLICATION

BICYCLE FACILITY

I. PROJECT IDENTIFICATION					
Project Sponsor Village of Orland Park			Contact Information – Name, Title, Agency, Address, Phone, e-mail (e-mail required)		
Other Agencies Participating in Project None			Kurt Corrigan, Village Engineer Village of Orland Park 147200 S. Ravinia Avenue Orland Park, IL 60463 (708) 403-6123 kcorrigan@orlandpark.org		
<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 108 th Avenue			Marked Route #		
Project Limits: North/West Reference Point/Cross St/Intersection 153 rd Street		Marked Route #		Municipality & County Orland Park/Cook	
Project Limits: South/East Reference Point/Cross St/Intersection Jillian Road		Marked Route #		Municipality & County Orland Park/Cook	
Other Project Location Information or Project Title 108 th Avenue Trail Connection					
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	2015	\$5,000	\$		\$
Engineering Phase 2	2015	\$22,200	\$		\$
Right-Of-Way Acquisition		\$	\$		\$
Construction (Including Construction Engineering)	2016	\$188,500	\$150,800		\$
Engineering (For Implementation Projects)		\$	\$		\$
Implementation		\$	\$		\$
Alternatives Analysis		\$	\$		\$
*Phase must be accomplished within 3 years		\$215,700	\$150,800		
Total Project Costs					
*For TAP funds, cost increases beyond the initial programmed amounts will be the responsibility of sponsors.					
Source Of Local Matching Funds					
If Soft Matching Funds Are Intended To Be Used, Please Contact CMAP Staff.					
Have The Matching Funds Been Secured? (Provide Details):					

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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.

There is currently no bike path available within this stretch of 108th Avenue. There is an existing 5' sidewalk which will be replaced with an 8' bike path. There are existing bike paths at both ends of this project.

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.

This project will link the existing path along 153rd Street to the path along Jillian Road that leads to a 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):

Traffic volumes (AADT): 8,400, # of Thru Lanes 2, Lane Width: 12',
 Width of Outside Paved Shoulder: N/A, Speed Limit: 40 mph, % of Heavy Vehicles: 2,
 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.

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: April 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.

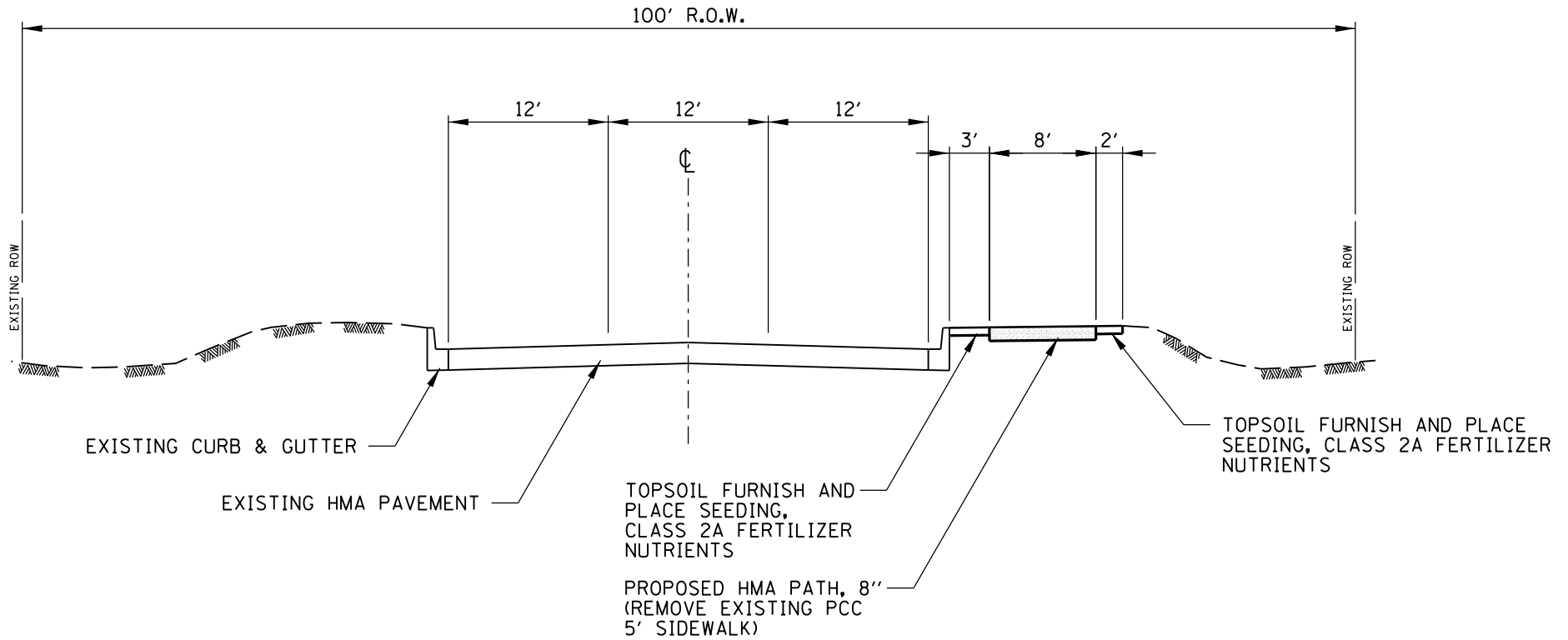
This project scope is to replace an existing 5 ft concrete sidewalk with an 8 ft wide multi-use path. The path will be off street and parallel to 108th Avenue extending from Jillian Road on the south to 153rd Street on the north. This project will link the existing path along 153rd Street to the path along Jillian Road leading to the Metra station. Included will be improved crossings at 153rd Street and 108th Avenue with striping and enhanced striping and signage at 108th Avenue and Jillian Road. All work will constructed within the existing ROW and meet ADA standards.

**VILLAGE OF ORLAND PARK
108TH AVENUE BIKE PATH - 153RD TO JILLIAN
SECTION 15-00076-00-BT**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	LOCAL SHARE (20%)	FEDERAL SHARE (80%)
1	SIDEWALK REMOVAL	SQ FT	5,000	\$2.50	\$12,500	\$2,500	\$10,000
2	BIKE PATH PAVEMENT (SURFACE, BINDER, AGGREGATE)	SQ YD	900	\$50.00	\$45,000	\$9,000	\$36,000
3	EARTH EXCAVATION	CU YD	300	\$40.00	\$12,000	\$2,400	\$9,600
4	GRADING	SQ YD	1,500	\$5.00	\$7,500	\$1,500	\$6,000
5	SODDING & TOP SOIL (RESTORATION)	SQ YD	1,500	\$10.00	\$15,000	\$3,000	\$12,000
6	MODULAR BLOCK RETAINING WALL	SQ FT	300	\$25.00	\$7,500	\$1,500	\$6,000
7	RECTANGULAR RAPID FLASHING BEACON (RRFB)	EACH	2	\$15,000.00	\$30,000	\$6,000	\$24,000
8	TRAFFIC CONTROL & PROTECTION (LANE CLOSURES ON 108TH AVE)	L SUM	1	\$15,000.00	\$15,000	\$3,000	\$12,000
9	MOBILIZATION	L SUM	1	\$7,225.00	\$7,225	\$1,445	\$5,780
10	CONTINGENCY (15%)	L SUM	1	\$22,758.75	\$22,759	\$4,552	\$18,207
TOTAL CONSTRUCTION COST					\$174,484	\$34,897	\$139,587

PHASE I PRELIM ENGINEERING	\$5,000		
PHASE II DESIGN ENGINEERING	\$22,200		
PHASE III CONST ENGINEERING	\$13,959		
TOTAL ENGINEERING COST	\$41,159		

TOTAL ESTIMATED CONSTRUCTION & ENGINEERING COST	\$215,642		
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TYPICAL SECTION



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:

VILLAGE OF ORLAND PARK

DSGN.	
DWN.	
CHKD.	
SCALE:	*SCALE*
PLOT DATE:	*DATE*
CAD USER:	*USER*
FILE:	*FILE*
MODEL:	*MODELNAME*

TITLE:

**108th AVENUE TRAIL CONNECTION
 153rd TO JILLIAN ROAD**

PROJ. NO.

DATE:

SHEET OF

DRAWING NO.

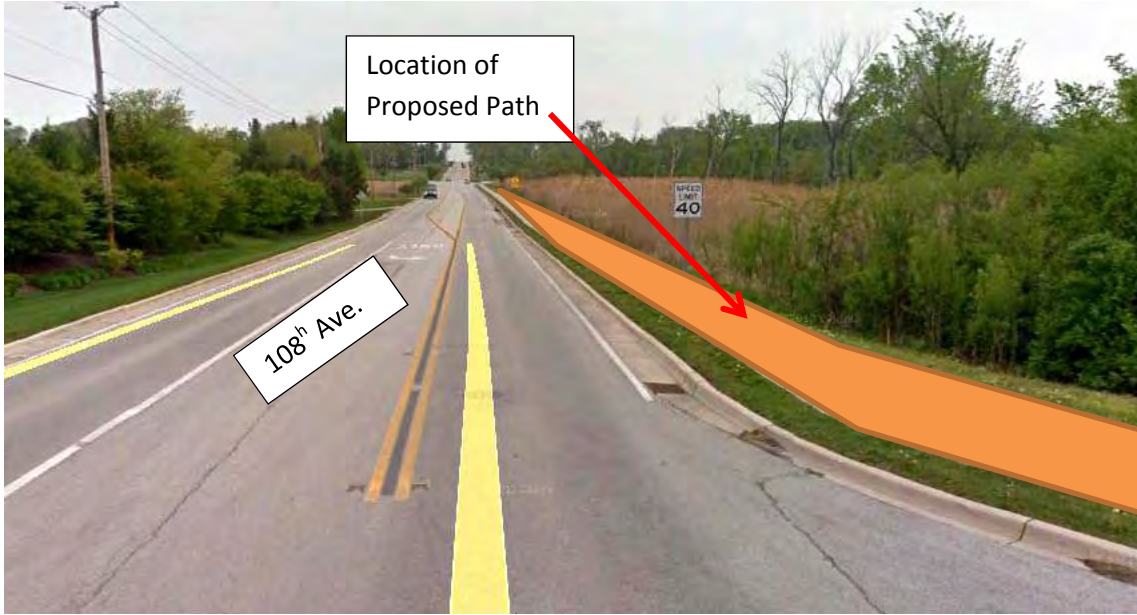
PROPOSED 108th AVENUE MULTI-USE TRAIL LOCATION



LEGEND:

- ■ ■ ■ ■ Indicates location of proposed trail
- Indicates location of existing trails





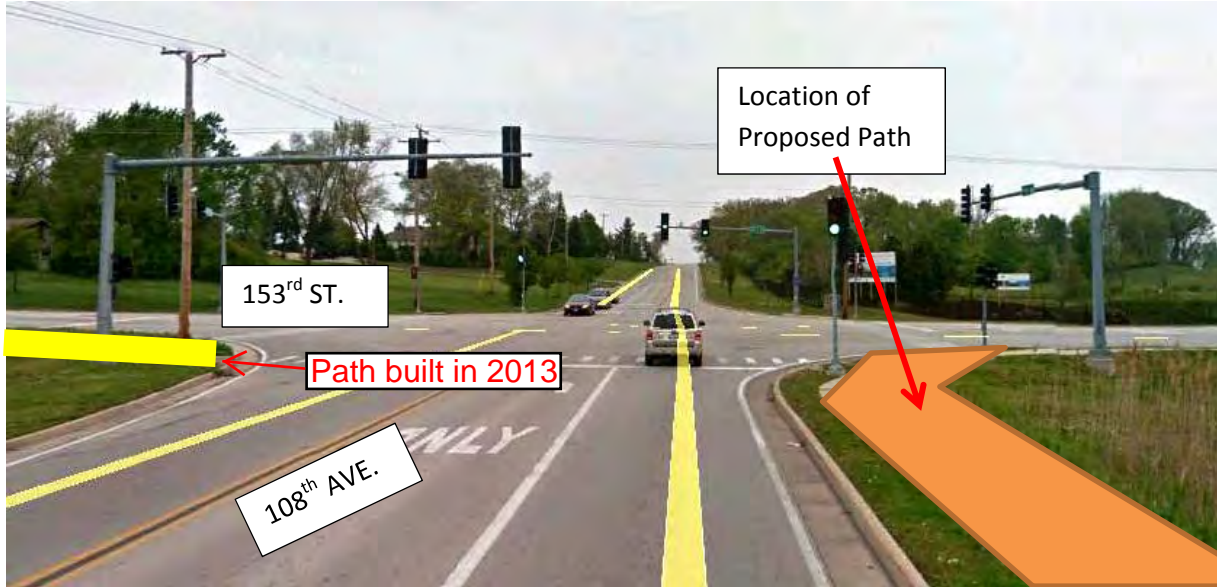
Looking north on 108th Avenue



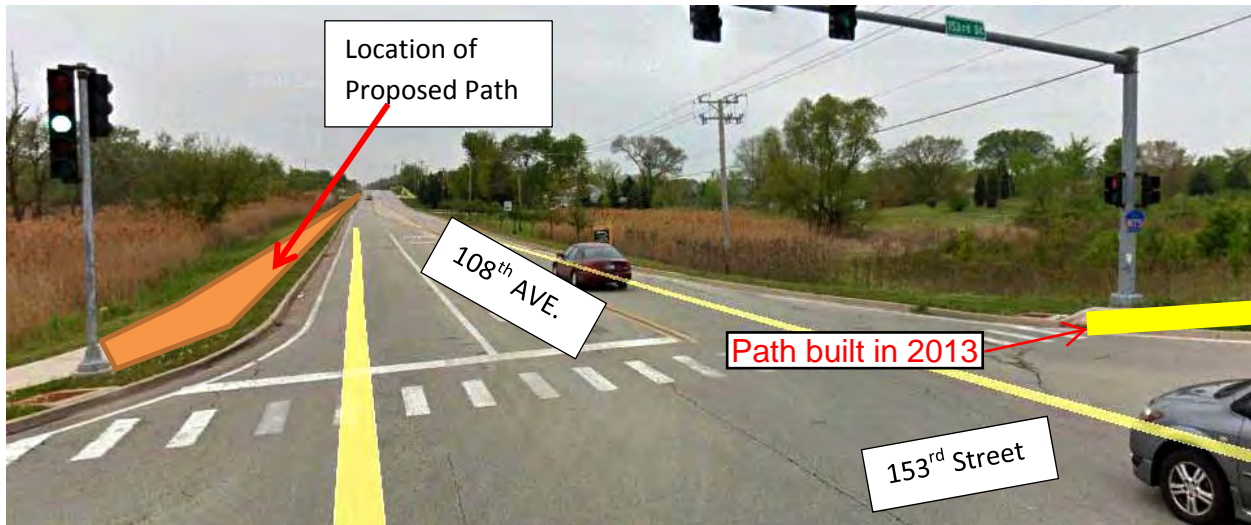
Looking at the intersection of 108th Avenue and Jillian Road

Village of Orland Park

108th Avenue Multi-Use Path



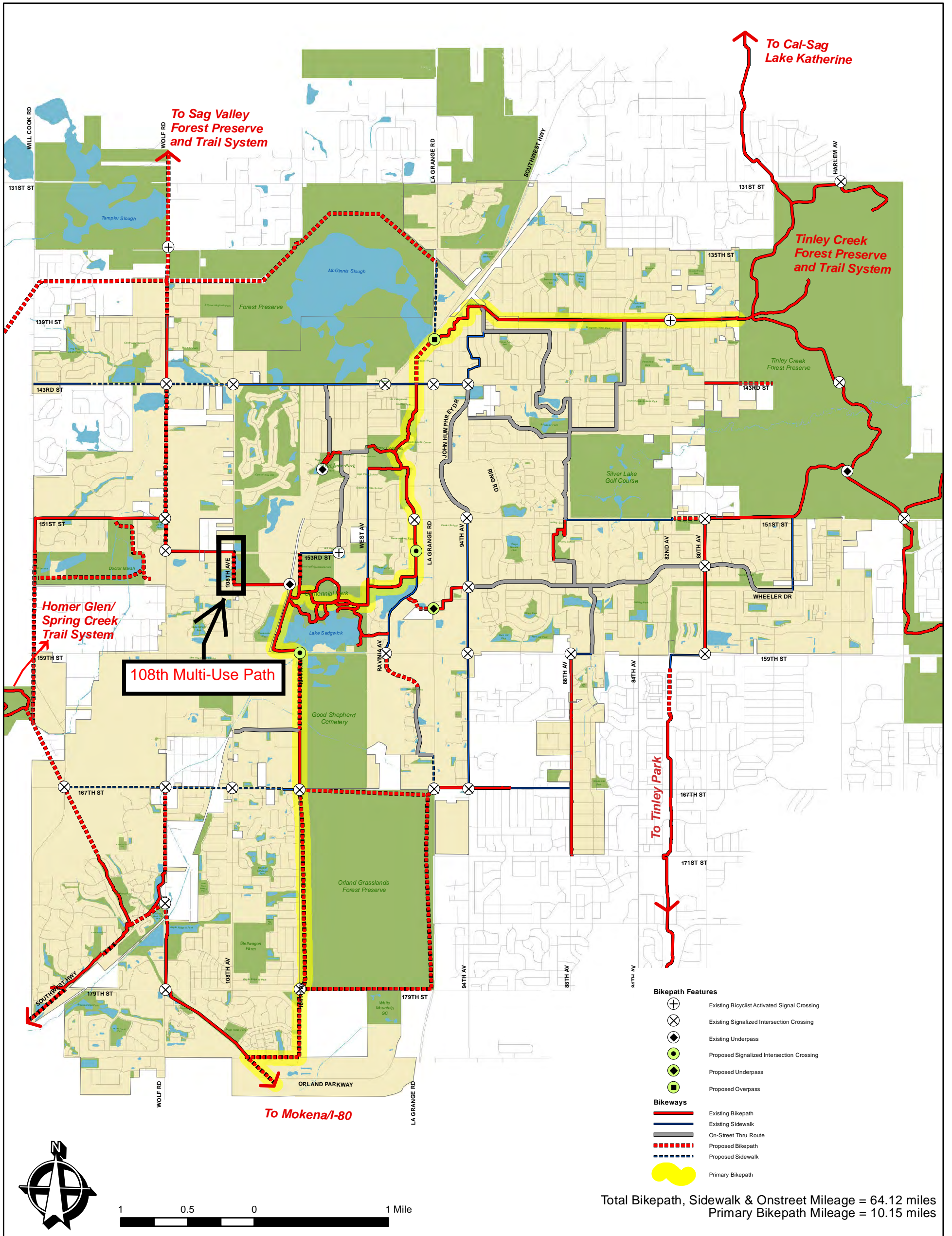
At 108th Avenue looking north at 153rd Street Intersection

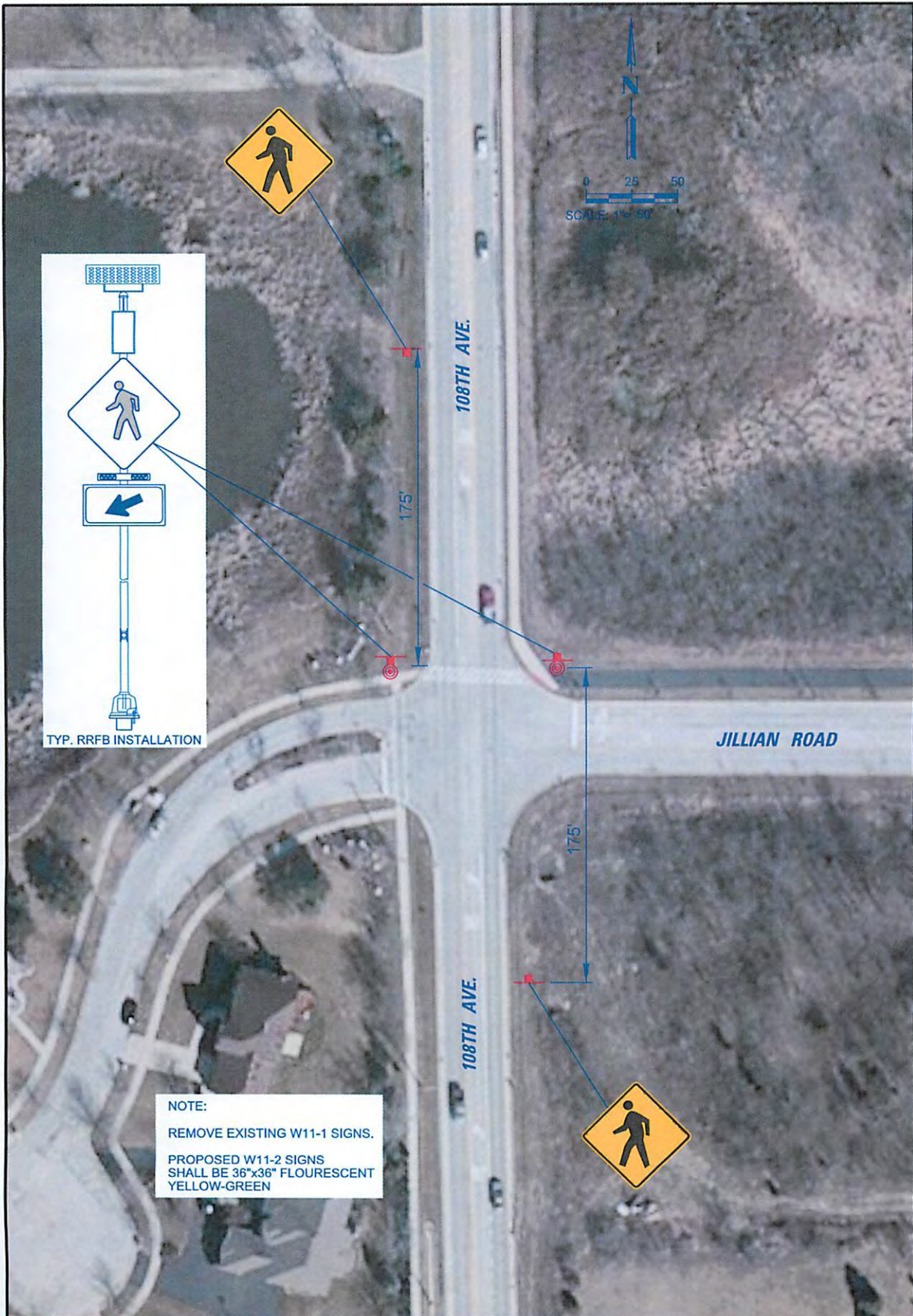


Looking south on 108th Avenue at 153rd Street Intersection



Recommended Bikeways





NOTE:
 REMOVE EXISTING W11-1 SIGNS.
 PROPOSED W11-2 SIGNS
 SHALL BE 36"x36" FLOURESCENT
 YELLOW-GREEN

CB **CHRISTOPHER B. BURKE**
 ENGINEERING, LTD.
 9575 West Higgins Road
 Suite 600, Rosemont, Illinois 60018
 (847) 823-0500

**CONCEPTUAL PLAN
 PROPOSED RRFB AND SIGN LOCATIONS
 108TH AVENUE & JILLIAN ROAD
 VILLAGE OF ORLAND PARK**

CALC.	WCE	PROJECT NO.
DWN.	FPB	040389.0213
CHKD.	GMZ	SHEET 1 OF 1
SCALE:	1" = 50'	DRAWING NO.
DATE:	7/10/2013	1

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Department of Transportation and Highways

John Yonan, P.E.

Superintendent

69 West Washington Street, 23rd Floor • Chicago, Illinois 60602-3007 • (312) 603-1601

TONI PRECKWINKLE

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17th District

January 16, 2015

Mayor Daniel J. McLaughlin
Village of Orland Park
14700 S. Ravinia Avenue
Orland Park, IL 60462

Re: 108th Avenue Trail Connection
(Jillian Avenue to 153rd Street)
Village of Orland Park
Cook County

Dear Mayor McLaughlin:

This letter is to inform you that the Cook County Department of Transportation and Highways (DOTH) supports the Village of Orland Park's efforts to construct the multi-use path from Jillian Avenue to 153rd Street along 108th Avenue. This path will connect two existing paths to improve pedestrian and bicycle usage in the area and connect to Metra's 153rd Street Commuter Station as well as Centennial Park.

We understand that the path will be constructed within Cook County Right of Way, and thus a permit must be obtained from the Department and a maintenance agreement executed between Cook County and the Village. It is understood that while a preliminary path layout has been coordinated with our staff, more detailed survey and plans will be provided for our review during final engineering.

The Cook County DOTD supports the 108th Avenue Trail Connection as an important improvement to local and regional bike and pedestrian routes. The improvement is consistent with the vision identified in the Department's Long Range Transportation Plan, currently under development, to promote mode choice throughout Cook County.

If you have any questions or if I can be of further assistance, please do not hesitate to contact me at 312-603-1601 or john.yonan@cookcountyil.gov.

Very truly yours,

John Yonan, P.E.

Superintendent

Department of Transportation and Highways
Cook County, Illinois