CMAP FY 2016-2020 CMAQ PROJECT APPLICATION TRAFFIC FLOW IMPROVEMENTS

I. PROJECT IDENTIFICAT	ΓΙΟΝ							
Project Sponsor Algonquin Township Road Distri	ct	Phone, e-mail (e-	tion – Name, Title, A -mail required)	gency, Address,				
Other Agencies Participating In P McHenry County	roject			ship Highway Depart	tment			
New Project	TIP ID if pro	 Crystal Lake, Illi (847) 639-2700 I 	3702 U.S. Highway 14 – Crystal Lake, Illinois 60014-8204 (847) 639-2700 Fax: (847) 639-4529					
 Existing CMAQ Project Add CMAQ to Existing Proje 	ct		attachments)	bobmiller@mc.net (add email below if sending				
II. PROJECT LOCATION	Attach a map	readily identified by log sufficient to accurate	ely locate this project	in a GIS system	of this section			
Name Of Street Or Facility To Be Crystal Lake Road	e Improved		Marked Rou	ıte #				
Project Limits: North/West Reference Silver Lake Trail	Point/Cross St/Intersect	ion	Marked Rou N/A		ity & County Township, McHenry			
Project Limits: South/East Reference I Silver Lake Road	Point/Cross St/Intersection	on	Marked Rou N/A		ity & County Township, McHenry			
Other Project Location Information Or Project Title								
III. PROJECT FINANCING	w the <u>instructions</u> .							
	Starting Federal		(New) CMAQ	Other Federal Funds Including prior CMAQ awards				
	Fiscal Year*	Total Phase Costs	Funds Requested	Fund Type	Amount			
Engineering Phase 1	2013	\$ 100,000	\$		\$			
Engineering Phase 2	2016	\$ 212,000	\$ 169,600		\$			
Right-Of-Way Acquisition	2016	\$ 218,000	\$ 174,400		\$			
Construction (Including Construction Engineering)	2018	\$ 2,070,000	\$ 1,656,000		\$			
Engineering (For Implementation Projects)		\$	\$		\$			
Implementation		\$	\$		\$			
Alternatives Analysis		\$	\$		\$			
*Phase must be accomplished wit	2	\$ 2,600,000	\$ 2,000,000					
1	otal Project Costs	Townshin has hudge	ted Phase II and ROV	V acquisition Towns	hin and County are			
Source Of Local Matching Funds		committed to Phase shares is being prepa	Township has budgeted Phase II and ROW acquisition. Township and County are committed to Phase III local match funding for FFY 2018; an IGA with cost shares is being prepared and will be approved shortly.					
	-	Are Intended To Be U						
Have the Matching Funds Been S Details):			ase II, ROW acqu s secured funds (\$2					

CMAP FY 2016-2020 CMAQ PROJECT APPLICATION TRAFFIC FLOW IMPROVEMENTS – PAGE 2

IV. PROJECT EMISSIONS BENEFIT DATA

Type of Project (Check All that Apply):							
Intersection Type:	Bottleneck Eliminations:						
🖾 Roundabout	□ Highway-Rail Grade Separation	□ Remove Obstruction					
□ Restricted Crossing U-Turn (J-Turn)	🗆 Two-Way Left Turn Lane	□ Vertical Clearance					
□ Median U-Turn	Realignment	□ Truck Route Improvement					
□ Diverging Diamond Interchange							
Turn Lanes:	Reconstruction:	Signals:					
□ Add Dual Left Turn Lanes	□ Full Intersection Reconstruction	□ Signal Modernization					
□ Add Single Left Turn Lanes	(existing signal)	□ New Signalization					
□ Add Right Turn Lanes	□ Traditional Interchange						
□ Multiple Turn Lane Types	Reconstruction						
Project Length (Miles – Bottleneck Elimi	nation And Multiple Intersections Only):						
Posted Speeds (Miles Per Hour For Each	Street): 30 mph for all streets						
Bi-Directional AADTs by Approach:North Leg (North Approach): 1,700; South Leg: 9,800; West Leg: 8,100; East Leg: 7,900; Year: 2013							
Do queues currently clear on the major street at signalized intersections in the pm peak period? \Box Yes \Box No							
Are the subject roadways included as part of the Congestion Management Process Highway System? Yes No							
Is the project location identified in IDOT's 5% Safety Location report? \Box Yes \boxtimes No If "Yes" is checked, indicate in the project description how the project will address the safety issues.							
Will bicycle facilities be added as part of this project? \Box Yes \boxtimes No If "Yes" is checked, describe the bicycle facility in the project description providing details asked for on the bicycle facility application form.							
V. PROGRAM MANAGEMENT INFORMATION							
Is right-of-way acquisition required for this project? \boxtimes Yes \square NoIf so, has right-of-way been acquired? \square Yes \boxtimes 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: <u>9/30/2014</u> Signed PDR cover page attached 							
Estimated Completion Year: 2018							
VI. PROJECT DESCRIPTION							
Please describe project, including any qualitative travel time reliability improvements listed on pages 8-9 of application booklet.							

This project is also strongly supported by McHenry County and the Village of Cary.

This project will significantly improve traffic flow at an existing all way stop-controlled intersection by installing a less expensive, safer and greener single lane free-flowing modern roundabout over traffic signals where Crystal Lake Road (Minor Arterial to the west, Major Collector to the east) and Silver Lake Road (Minor Arterial) intersect. The Algonquin Township Road District (Road District) studied the intersection in 2004 and determined traffic signals were warranted. The significant cost to install signals prevented the Road District from moving forward with a 100% local funded project. Road District explored all funding options and intersection improvement alternatives and ultimately decided to apply for CMAQ funding in 2011 for a free-flowing modern roundabout. The CMAQ Application was ranked favorably, but not high enough to secure CMAQ funding. Road District did not apply for CMAQ funding in 2013 as there was inadequate time to complete Phase I Engineering. To improve the project's viability, Road District began a 100% locally funded Phase I Study in August 2013 and received Design Approval on September 30, 2014. The Phase I Study confirmed the need for intersection improvements and Road District ultimately selected the free-flowing modern roundabout.

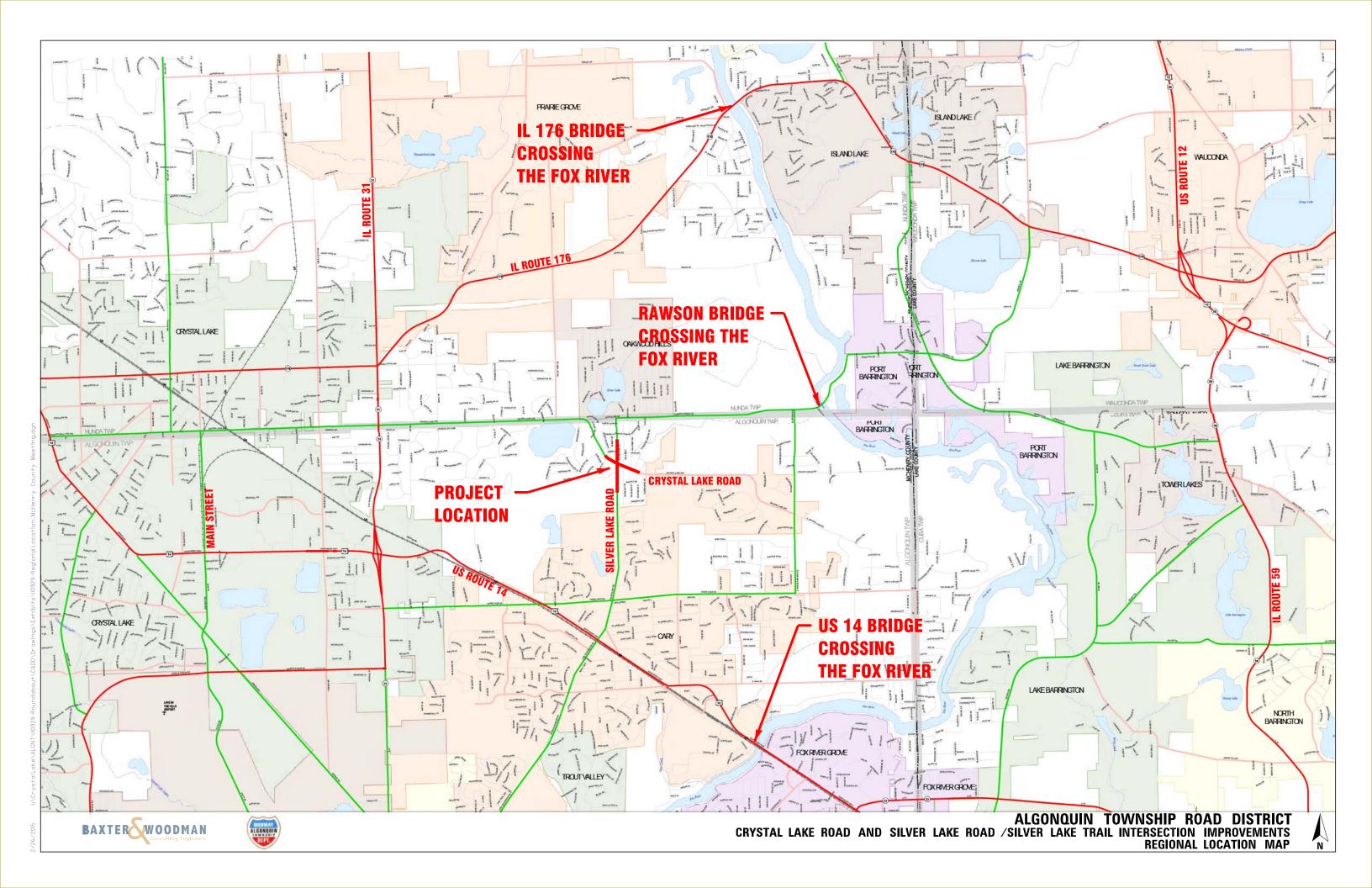
The goal of this project is to reduce congestion by significantly altering the operational characteristics of this key south-eastern McHenry County intersection. The existing stop-controlled intersection will be replaced with a free-flowing modern roundabout. Since the early-1990's when area residential development expanded, traffic flow through the Crystal Lake Road and Silver Lake Road intersection has been a concern. This intersection is located immediately west of two schools, Cary Junior High School and Deer Path Elementary, a fire station, golf course in a golf course community setting, commercial development and Oak Hill Daycare are located at or near the intersection. The intersection is also east of the new Pingree Road Metra Station which provides service to Chicago.

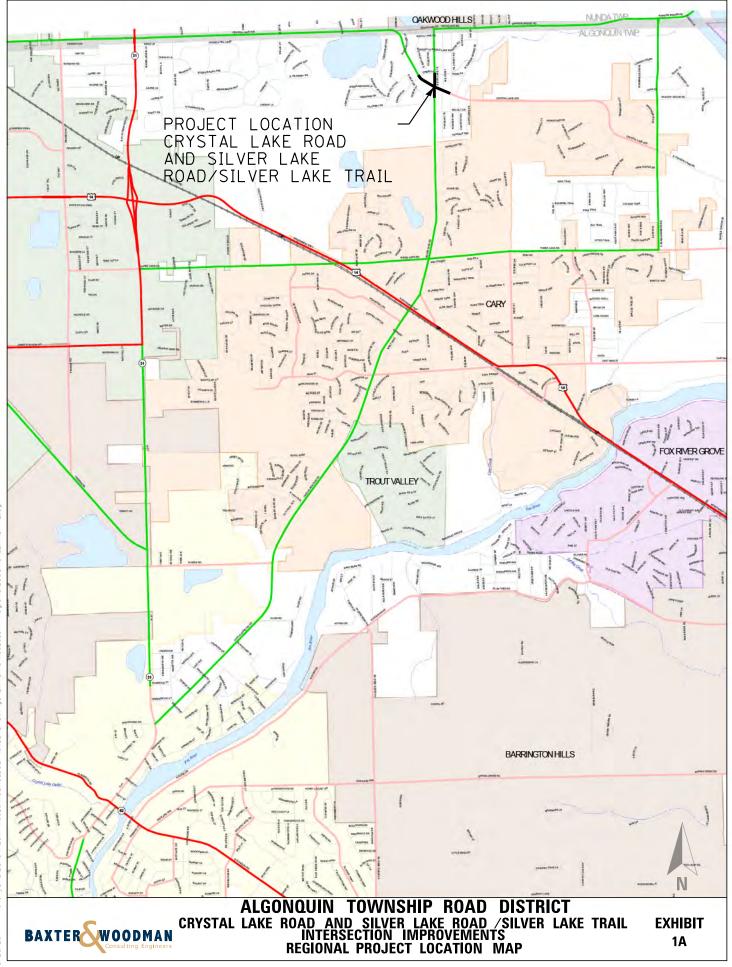
This intersection has regional importance for southeast McHenry County and southwest Lake County residents. The intersection is located in the most densely populated portion of McHenry County with Crystal Lake to the west and Cary to the south and east and the Village of Oakwood Hills to the north. Densely populated areas are located to the east of the intersection in south west Lake County, including Island Lake and Port Barrington. This intersection funnels east-west and north-bound traffic to the only crossing of the Fox River for approximately 10-miles. The Rawson Bridge Road bridge is approximately 2-miles to the east. The crossing on Illinois Route 176 to the north is approximately 3-miles away and the crossing on U.S. Route 14 (SRA) is approximately 7-miles to the south.

Crystal Lake Road pavement is 22-feet wide, consisting of 2 - 11-foot travel lanes and 4-foot asphalt shoulders. Silver Lake Trail north-bound pavement is 33-feet wide (3 - 11-foot lanes consisting of left-turn, combination through-right and departure lane) and 4-foot asphalt shoulders. Silver Lake Road south-bound pavement is 22-feet wide, consisting of 2 - 11-foot travel lanes and 4-foot asphalt shoulders.

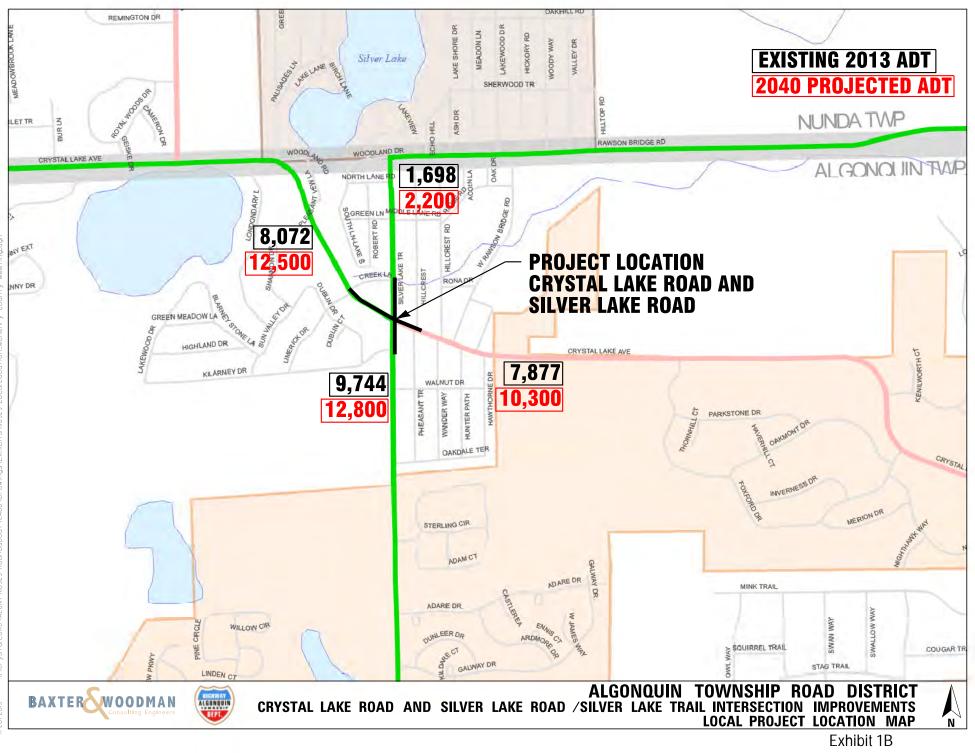
This project will provide a free-flowing modern roundabout, eliminating the need for the short three lane cross-section on north-bound Silver Lake Road. This three lane cross-section causes significant confusion for traffic during the PM peak travel period. With the majority of north-bound vehicles turning left, the through and right-turn vehicles are forced to queue with the left turn vehicles until they reach the designated through-right lane.

With the current lane configuration of the all-way stop control, the existing intersection operates at a LOS C in the PM, with queues observed in the field to extend over 300 feet on the east and south legs. The low LOS is attributed to the east leg which operates at LOS C in the PM. The provision of a free-flowing modern roundabout can improve LOS to A in the PM, with queues of the west and south legs reduced to less than 70 feet. The existing intersection operates at a lower LOS in the AM condition.





8/26/2014 is/CrystalLake/ALGNT/110929-Roundabout/CADD/Drawings/Exhibits/110929_STP-RegionalLacation_Exhibit 2.dg

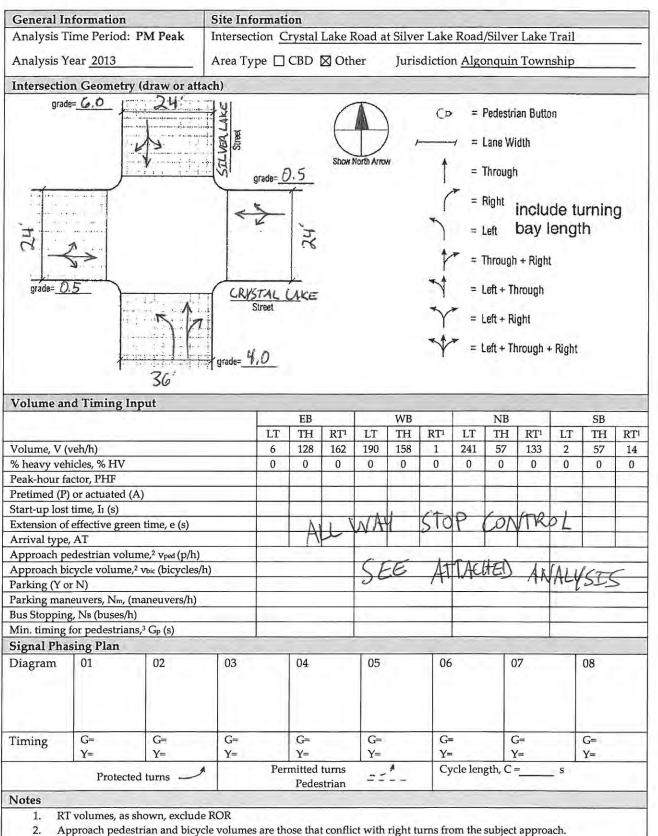


CMAQ FY 2016-2020 INPUT MODULE WORKSHEET

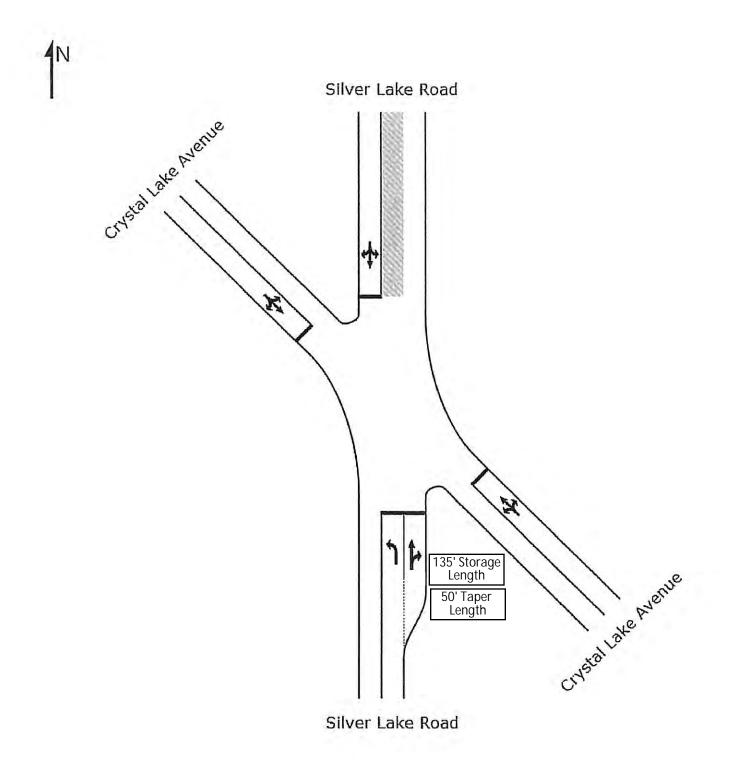
Before Improvement

(Complete one worksheet for before conditions and one worksheet for after conditions

□ After Improvement



3. Refer to Equation 16-2



General Information				Site Inforr	nation			
-					nation	Crys	tal Lake et Silver I	ake
Analyst JDM Agency/Co. Baxter & Woodman, Inc.			Inc	Intersection Crystal Lake st Silver Lake Jurisdiction Algonquin Township Rd D				
Date Performed	2/9/201		<i>IIIC.</i>	Analysis Yea	r	2013		
Analysis Time Period	PM Pea							
Project ID ALGNT 110929.33	-							
East/West Street: Crystal La	ke Road			North/South S	Street: Silver La	ke Road/Trail		
Volume Adjustments		aractorist	tice					
Approach			Eastbound			W	estbound	
Vovement	L		Т	R	L		Т	R
/olume (veh/h)	6		128	162	190)	158	1
%Thrus Left Lane								
Approach		N	Northbound			So	uthbound	
Movement	L		Т	R	L		Т	R
/olume (veh/h)	241		57	133	2		57	14
%Thrus Left Lane								
	Eastb	ound	We	stbound	Nort	hbound	South	nbound
	L1	L2	L1	L2	L1	L2	L1	L2
Configuration	LTR	-	LTR	+	L	TR	LTR	<u> </u>
PHF	0.95		0.95		0.95	0.95	0.95	1
Flow Rate (veh/h)	310		367	+	253	200	76	<u> </u>
% Heavy Vehicles	0		0	1	0	200	0	<u> </u>
No. Lanes	1			1		2	-	1
Geometry Group						5		a
Duration, T	2				.25	0		a
Saturation Headway	Adjustment	Marksha			.20			
		VUIKSIIE	ji -					1
Prop. Left-Turns	0.0		0.5		1.0	0.0	0.0	
Prop. Right-Turns	0.5		0.0		0.0	0.7	0.2	<u> </u>
Prop. Heavy Vehicle	0.0		0.0		0.0	0.0	0.0	
nLT-adj	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.2
nRT-adj	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	-0.6	-0.6
nHV-adj	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
nadj, computed	-0.3		0.1		0.5	-0.5	-0.1	
Departure Headway a	and Service	Time						8
nd, initial value (s)	3.20		3.20	Т	3.20	3.20	3.20	<u> </u>
k, initial	0.28		0.33	1	0.22	0.18	0.07	1
nd, final value (s)	5.88		6.16	+	7.22	6.21	7.01	
c, final value	0.50		0.63	1	0.51	0.35	0.15	1
Move-up time, m (s)	2.	0		2.0		2.3		.0
	3.9	-	4.2	 T	4.9	3.9	5.0	Ť
Service Time, t _s (s)			7.2		7.3	5.9	5.0	
Capacity and Level o	T Service							
	Eastb	ound	We	stbound	Nort	hbound	South	nbound
	L1	L2	L1	L2	L1	L2	L1	L2
Capacity (veh/h)	560		563		479	450	326	
Delay (s/veh)	14.77		19.01	1	17.13	12.15	11.22	1
	В		C		C	B	B	
Approach: Delay (s/veh)	-	1.77		9.01		1.93		.22
LOS		В		С		В	<i>E</i>	3
ntersection Delay (s/veh)				15	5.90			
ntersection LOS					С			

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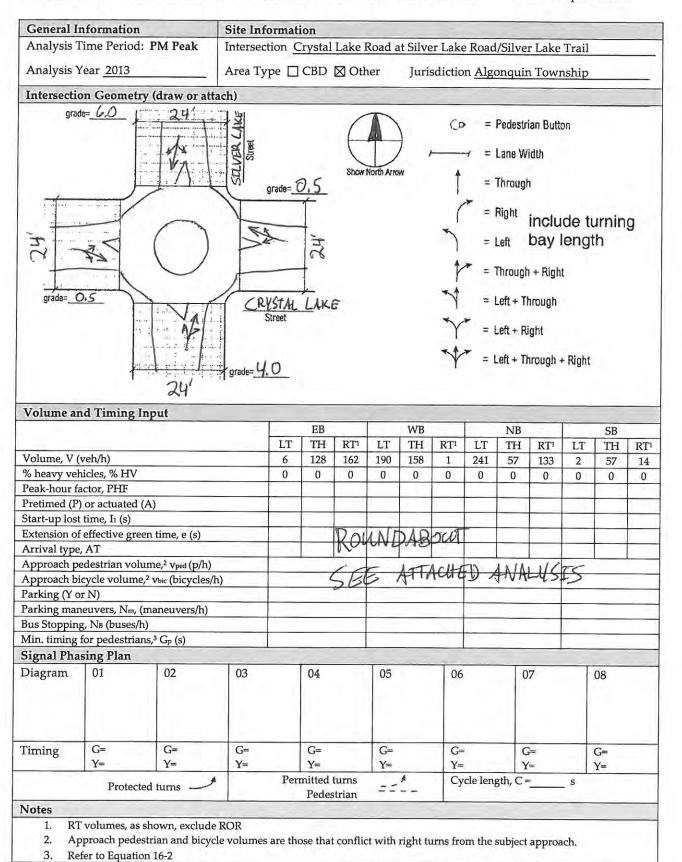
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CMAQ FY 2016-2020 INPUT MODULE WORKSHEET

□ Before Improvement

(Complete one worksheet for before conditions and one worksheet for after conditions

After Improvement

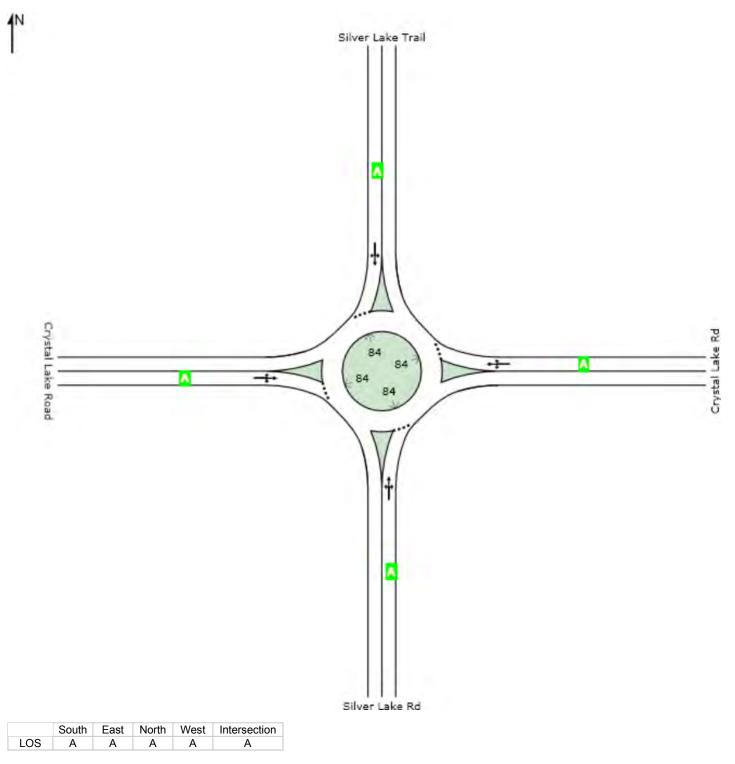


LEVEL OF SERVICE

W Site: PM 2013

Roundabout with 1-lane approaches and circulating road MUTCD (FHWA 2009) example number: 2B-22 Roundabout Guide (TRB 2010) example number: A-1

Roundabout



Level of Service (LOS) Method: Degree of Saturation (SIDRA METHOD). Roundabout LOS Method: SIDRA Roundabout LOS.

MOVEMENT SUMMARY

W Site: PM 2013

Roundabout with 1-lane approaches and circulating road MUTCD (FHWA 2009) example number: 2B-22 Roundabout Guide (TRB 2010) example number: A-1

Roundabout

Move	ment Perf	ormance - Ve	hicles								
Mov ID	OD Mov	Demand Total	HV	Deg. Satn	Average Delay	Level of Service	95% Back of Vehicles	Distance	Prop. Queued	Effective Stop Rate	Average Speed
South:	Silver Lake	veh/h	%	v/c	sec	_	veh	ft	_	per veh	mph
3	L2	254	0.0	0.464	9.1	LOS A	2.6	64.6	0.41	0.55	12.4
8	T1	60	0.0	0.464	9.1	LOSA	2.6	64.6	0.41	0.55	12.4
18	R2	140	0.0	0.464	9.1	LOSA	2.6	64.6	0.41	0.55	12.4
Approa		454	0.0	0.464	9.1	LOSA	2.6	64.6	0.41	0.28	12.4
			0.0	0.404	5.1	LOGA	2.0	04.0	0.41	0.20	12.7
East: 0	Crystal Lake	e Rd									
1	L2	200	0.0	0.448	10.2	LOS A	2.3	56.5	0.55	1.03	11.2
6	T1	166	0.0	0.448	10.2	LOS A	2.3	56.5	0.55	1.03	11.2
16	R2	1	0.0	0.448	10.2	LOS A	2.3	56.5	0.55	1.03	11.2
Approa	ach	367	0.0	0.448	10.2	LOS A	2.3	56.5	0.55	0.52	11.2
North:	Silver Lake	e Trail									
7	L2	2	0.0	0.127	7.4	LOS A	0.4	10.9	0.54	1.08	14.5
4	T1	60	0.0	0.127	7.4	LOS A	0.4	10.9	0.54	1.08	14.5
14	R2	15	0.0	0.127	7.4	LOS A	0.4	10.9	0.54	1.08	14.5
Approa	ach	77	0.0	0.127	7.4	LOS A	0.4	10.9	0.54	0.54	14.5
West:	Crystal Lak	e Road									
5	L2	6	0.0	0.359	8.2	LOS A	1.6	40.9	0.47	0.77	14.8
2	T1	135	0.0	0.359	8.2	LOS A	1.6	40.9	0.47	0.77	14.8
12	R2	171	0.0	0.359	8.2	LOS A	1.6	40.9	0.47	0.77	14.8
Approa	ach	312	0.0	0.359	8.2	LOS A	1.6	40.9	0.47	0.39	14.8
All Veh	nicles	1209	0.0	0.464	9.1	LOS A	2.6	64.6	0.47	0.39	12.9

Level of Service (LOS) Method: Degree of Saturation (SIDRA METHOD).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on degree of saturation per movement

Intersection and Approach LOS values are based on worst degree of saturation for any vehicle movement.

Roundabout Capacity Model: US HCM 2010.

HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: Traditional M1.

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Processed: Tuesday, April 22, 2014 2:03:16 PM SIDRA INTERSECTION 6.0.13.4101 Project: I:\Crystal Lake\ALGNT\110929-Roundabout\30-ReportStudy\Work\IDS\Roundabout Analysis.sip6 8002661, BAXTER & WOODMAN, INC., PLUS / 1PC

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SIDRA INTERSECTION 6

PROJECT MILESTONE SCHEDULE

Municipality:	Algonquin Township Road District					Con	tact Information
Project:	Crystal Lake Road and Silver La				Municipality		ship Road District
Scope of Work:	Replace Stop-Control Int. with a	Modern Free F	lowing Rour	ndabout			Jensen (815-334-4642)
ГІР #:					Consultant	Michael Plant (8	,
ΓIP Years (Ph II / Con	st):				IDOT	Alex Househ (84	,
Section #:						Charles Riddle (8	847-705-4406)
	(date: 2/9/2015): Const: \$1,860,000		00			2/0/2015	
Current Constr & E3 C	Cost (date: 2/9/2015): Const: \$1,860,0		00 Projected D	atas	Date Prepared:	2/9/2015	Date Revised:
		Initial Est.	Kick-Off	Revised/Actual	l		
1. Project Scoping		Initial List.	Hick Off	2008			Notes
2. IDOT Phase I Kick	c-off Meeting			11/14/2013			
3. 1st State/Federal Co	pordination Meeting			7/15/2014			
4. Categorical Exclus	ion Concurrence			9/8/2014			
5. Design Variance C	oncurrence			9/30/2014			
6. Submit Draft Phase	e I Report (PDR) to IDOT (a)			7/25/2014			
7. Public Hearing/Me	eting (or N/A)			4/29/2014			
8. Right-of-Way Kick	c-off Meeting (or N/A)	Apr-2016					
9. Submit Final Phase	e I Report (PDR) to IDOT (b)			9/5/2014			
10 Submit Phase II F	ngr. Agreem't to IDOT (or N/A)	Nov-2015			-	re requested and th r processing as ea	he Phase II Agreements will be submitted to
11. Phase I Design A	• •	100-2013		9/30/2014	PDR signed cov	×	
	Initiation (or N/A) (c)	Aug-2016		7/30/2011		ureau of Land Aco	auisition
1	reement Approval (or N/A)	Apr-2016			incoming with D		
6 6	Plans and Estimates (d)	Aug-2017					
	Engr. Agreement to IDOT	Oct-2017					
	s, Specs & Estimates (PS&E) (e)	Dec-2016					
17. ROW Acquisition	Complete	Jul-2017					
18. Construction Let	ting	Jan-2018					

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.

DETAILED ESTIMATE OF COSTS

Item	Description	Unit	Quantity	Unit Price	Total
1	Tree Removal	EACH	6	\$ 1,500.00	\$ 9,000.00
2	Erosion Control	SQ YD	3900	\$ 13.00	\$ 50,700.00
3	Parkway Restoration	SQ YD	3900	\$ 25.00	\$ 97,500.00
4	Landscaping	SQ YD	225	\$ 400.00	\$ 90,000.00
5	Tree Planting	EACH	15	\$ 1,000.00	\$ 15,000.00
6	Earth Excavation	CU YD	1900	\$ 45.00	\$ 85,500.00
	Removal and Disposal of Unsuitable				
7	Material	CU YD	650	\$ 60.00	\$ 39,000.00
8	Aggregate Base Course	SQ YD	4200	\$ 35.00	\$ 147,000.00
9	Hot-Mix Asphalt Base Course	SQ YD	3600	\$ 45.00	\$ 162,000.00
10	Hot-Mix Asphalt Surface Course	TON	480	\$ 115.00	\$ 55,200.00
11	Pavement Removal	SQ YD	4750	\$ 19.00	\$ 90,250.00
12	Temporary Pavement	SQ YD	1800	\$ 30.00	\$ 54,000.00
13	Driveway Remove and Replace	SQ YD	850	\$ 45.00	\$ 38,250.00
14	Sidewalk	SQ FT	3300	\$ 25.00	\$ 82,500.00
15	Curb and Gutter	FOOT	2500	\$ 25.00	\$ 62,500.00
16	Medians	SQ FT	1800	\$ 21.00	\$ 37,800.00
17	Stamped Brick Truck Apron	SQ FT	3300	\$ 31.00	\$ 102,300.00
18	Storm Sewer	FOOT	1200	\$ 110.00	\$ 132,000.00
19	Drainage structures	EACH	25	\$ 2,000.00	\$ 50,000.00
20	Utility Adjustments	EACH	20	\$ 1,000.00	\$ 20,000.00
21	Pavement Marking	FOOT	4500	\$ 5.00	\$ 22,500.00
22	Sign Panels	EACH	30	\$ 100.00	\$ 3,000.00
23	Lights and Poles	EACH	10	\$ 25,000.00	\$ 250,000.00
24	Traffic Control and Protection	EACH	1	\$ 60,000.00	\$ 60,000.00
25	Maintenance of Traffic/Staging	EACH	1	\$ 44,000.00	\$ 44,000.00
26	Mobilization	EACH	1	\$ 60,000.00	\$ 60,000.00
		•	TOTAL COS	ST OF ITEMS:	\$1,860,000.00

ESTIMATES MUST BE BASED UPON QUANTITIES AND UNIT COSTS WHENEVER POSSIBLE. LUMP SUM AMOUNTS ARE NOT ACCEPTABLE



Illinois Department of Transportation

Division of Highways / Region 1 / District 1 201 West Center Court / Schaumburg, Illinois 60196-1096

LOCAL ROADS AND STREETS Design Approval Notification Road District of Algonquin Township Location: Crystal Lake Road at Silver Lake Road/Silver Lake Trail Section No.: 14-02288-01-CH McHenry County

October 14, 2014

Mr. Robert J. Miller Highway Commissioner Algonquin Township 3702 U.S. Highway 14 Crystal Lake, IL 60014

Dear Mr. Miller:

On September 30, 2014, we concurred that the Crystal Lake Road and Silver Lake Road Intersection Project was categorically excluded from further National Environmental Policy Act (NEPA) Processing. On the same date, we approved the design as presented in the Project Development Report (PDR). A copy of the Approved Report's signed signature sheet is attached for your records.

The Contract Plans should conform to the approved design as presented in the PDR. We request that the Road District provide us with a schedule for the Phase II Work along with the Certificate of Publication – Legal Notice for projects requiring a Public Hearing.

Additionally, right-of-way and temporary easement(s) acquisition(s) are required for the construction of this project. A meeting should be scheduled with the Bureau of Land Acquisition to initiate these actions.

The construction plus construction engineering cost of the improvement is \$1,700,000.00. Any change to this amount should be brought to our attention and to the attention of the Council of Mayors.



OCT 2 2 2014

BAXTER & WOODMAN, INC. CRYSTAL LAKE Mr. Robert J. Miller October 14, 2014 Page 2

If you have any questions or need additional information, please contact Alex Househ, Field Engineer, at (847) 705-4410 or via email at Alex.Househ@illinois.gov.

Very truly yours,

John Fortmann, P.E. Deputy Director of Highways, Region One Engineer

By: Christopher J. Holt, P.E. Bureau Chief of Local Roads and Streets

Attachment

cc: Michael Plant, P.E., Baxter & Woodman, Inc. w/att.

Illinois Department of Transportation	Local Project Develop II Categorical Exclusio Approval	ment Report for Group ons and Design
	County: McHenry	
	Section Number: 14-02288-	Township Road District D1-CH TR 0201 & FAU 4052
Project Number:	Project Length: 1,226 fee	et (0.232-miles)
Street/Road Name: Crystal Lake Road at Silver La	ke Road/Silver Lake Trail	
Termini: FAU 0116: 284 feet west of FAU 4052,	-	
TR 0201: 298 feet east of FAU 4052, FAU 4052: 406 feet south of FAU 0116, 23	38 feet north of FALL0116	
the minimum design speed recommended for this prevent a deficient NBIS rating for approach roa chosen design speed unless noted otherwise in S	dway alignment appraisal. All elements	have been designed to the
Categorical Exclusion and Design Approval Recon	Local Agency Ach Fortnern Regional Engineer ASCO	7 28/14 pate <u>9-8-14</u> Date
This project will not have any significant impacts on the project as a Categorical Exclusion on $\frac{9/30}{Da}$	/14	VA approves the
Design Approval	amas K. Klein Bureau of Local Roads & Streets 42	<u>9/30/14</u> Date

ľ