

Appendix E

Re-route Through Geneva Commons Timing Exercise

As a way of providing more direct Route 529 access in both directions to the Delnor Hospital Campus and the Geneva Commons shopping area, a revised routing was proposed. The portion of the route affected is between Bricher and Keslinger Roads, as shown on the map below. The question was raised as to whether this deviation will add travel time that would impact operating cost, result in less reliable service, or make the service less desirable for current riders. To begin to address these issues, timings of the revised routes were made during the AM peak period of Tuesday, January 19, 2010.

Service timings of the current route were made to gauge the accuracy of the current published schedule. Relevant time-points included Wilson, IL38/Randall, and the Judicial Center.

As shown in the following table, the northbound test trip matched the scheduled time to the Judicial Center, but was four minutes longer to IL 38. Scheduled travel time between Wilson and IL 38 is the same in both directions (i.e, 10 minutes); despite the deviation through Delnor northbound, including access to the northeast Hospital entrance through a parking lot. The 14 minutes would seem more realistic. The second southbound test trip followed the 7:45a departure of Route 529 from the Judicial Center, which left four minutes late, but was on schedule at Randall/Sullivan.

		Wilson to IL38	Wilson to Judicial
NB	Timetable	10	16
	Time Check	14	16
SB	Timetable	10	16
	Time Check 1	9	--
	Time Check 2	9	13

The following table summarizes the three timechecks taken for both directions. Details on the timechecks are attached. The summary results show that the travel times



including the re-routes would be comparable to the published schedule between Wilson and the Judicial Center. The schedule appears to provide extra time between IL 38/Randall and the Judicial Center which would make up for some of the added time. The northbound travel time would be somewhat offset by not pulling into the Hospital parking lot to access the northeast entrance.

Summary of Timechecks on Possible Re-routing of Route 529 Through Delnor Hospital and Geneva Commons

NORTHBOUND	start time of Jan 19 check	travel time in minutes	
		Wilson to IL38	Wilson to Judicial Cntr
Current Route			
Public Timetable		10	16
Timecheck	6:22 AM	14	16
Proposed Re-route			
Timecheck 1	7:01 AM	15	--
Timecheck 2	7:35 AM	13	--
Timecheck 3	8:26 AM	12	14
Change from public timetable		2 to 5	-2
Chng from Current Route timechecks		-2 to +1	-2
SOUTHBOUND	start time of Jan 19 check	travel time in minutes	
		IL38 to Wilson	Judicial Cntr to Wilson
Current Route			
Public Timetable		10	16
Timecheck	6:10 AM	9	--
Timecheck*	7:49 AM	9	13
Proposed Re-route			
Timecheck 1	6:39 AM	11	15
Timecheck 2	7:20 AM	11	--
Timecheck 3	8:43 AM	12	15
Change from public timetable		1 to 2	-1
Chng from Current Route timechecks		2 to 3	2

*Followed Pace Bus.

Left turns didn't seem to be overly problematic, although the second southbound trip from Delnor Drive onto Keslinger was delayed about a minute waiting for an opening in eastbound and westbound traffic on Keslinger. There was no problem on the other two trips. The turns on Commons Drive just north of Williamsburg may be too tight for a bus; this will need to be checked by Pace.

Calibration Timing of Rte 529 North of Wilson Through Delnor Campus and Geneva Commons

20-Jan-10

Northbound

Location		Timed 1/19/10	Printed Schedule
Randall/Wilson	stop	6:22 AM	0:24
Randall/McKee	stop	6:23 AM	
Randall/Mill		6:24 AM	
Randall/Fabyan		6:25 AM	
Randall/Fabyan (Home Depot)	stop	6:26 AM	
Randall/Christina	stop	6:27 AM	
Randall/Fargo		6:27 AM	
Randall/Keslinger	stop	6:28 AM	
Delnor Hospital NE entrance	stop	6:31 AM	
Williamsburg/Delnor		6:32 AM	
Randall/Bricher		6:34 AM	
Randall/IL 38		6:36 AM	0:34
IL 38/Meijer		6:36 AM	
Kane County Judicial Center		6:38 AM	0:40
	Randall/Wilson to IL38/Randall	0:14	0:10
	Randall/Wilson to Judicial Center	0:16	0:16

Southbound

Location		Timed 1/19/10	Timed 1/19/10*	Printed Schedule
Kane County Judicial Center	stop		7:49 AM	7:45 AM
IL 38/Meijer	stop	6:10 AM	7:52 AM	
IL 38/Randall	stop	6:10 AM	7:53 AM	7:51 AM
Randall/Bricher			7:54 AM	
Randall/Geneva Commons	stop	6:12 AM	7:55 AM	
Randall/Williamsburg			7:55 AM	
Randall/Delnor	stop	6:14 AM	7:56 AM	
Randall/Keslinger			7:57 AM	
Randall/Fargo		6:15 AM	7:58 AM	
Randall/Christina	stop	6:16 AM	7:59 AM	
Randall/Gleneagle		6:16 AM		
Randall/Fabyan		6:17 AM	7:59 AM	
Randall/Mill	stop	6:18 AM	8:00 AM	
Randall/McKee	stop	6:18 AM	8:01 AM	
Randall/Wilson	stop	6:19 AM	8:02 AM	8:01 AM
Randall/Main			8:02 AM	
Randall/Mooseheart-Orchard	stop		8:05 AM	
Randall/Ritter	stop		8:05 AM	
Randall/Oak	stop		8:06 AM	
Randall/Ice Cream Dr.	stop		8:07 AM	
Randall/Sullivan	stop		8:09 AM	8:09 AM
	IL38/Randall to Randall/Wilson	0:09	0:09	0:10
	Kane Judicial Center to Randall/Wilson	--	0:13	0:16

*followed a 529 bus.

Timing of Proposed Re-Routing of Rte 529 North of Wilson Through Delnor Campus and Geneva Commons

1/20/2009

Northbound Location		Timed 1/19/10			Printed Schedule
		#1	#2	#3	
Randall/Wilson	stop	7:01 AM	7:35 AM	8:26 AM	0:24
Randall/McKee	stop	7:02 AM	7:36 AM	8:27 AM	
Randall/Mill		7:03 AM	7:37 AM	8:27 AM	
Randall/Fabyan		7:04 AM	7:37 AM	8:28 AM	
Randall/Fabyan (Home Depot)	stop	7:04 AM	7:37 AM	8:28 AM	
Randall/Gleneagle		7:04 AM		8:28 AM	
Randall/Christina	stop	7:05 AM	7:39 AM	8:29 AM	
Randall/Fargo		7:05 AM	7:39 AM	8:29 AM	
Randall/Keslinger	stop	7:06 AM	7:41 AM	8:32 AM	
Delnor Dr. near Main Entr.	stop	7:07 AM	7:42 AM	8:33 AM	
Williamsburg/Delnor		7:09 AM	7:43 AM	8:34 AM	
Geneva Commons	stop	7:10 AM	7:45 AM	8:35 AM	
Commons Dr/Bricher		7:11 AM	7:46 AM	8:36 AM	
Randall/Bricher		7:13 AM	7:47 AM	8:37 AM	
Randall/IL 38		7:16 AM	7:48 AM	8:38 AM	0:34
IL 38/Meijer		7:16 AM	7:49 AM	8:38 AM	
Kane County Judicial Center				8:40 AM	0:40
Randall/Wilson to IL38/Randall		0:15	0:13	0:12	0:10
Randall/Wilson to Judicial Center		--	--	0:14	0:16

Randall
L Keslinger
R Delnor Dr
L Williamsburg
R Commons Dr N-S
R Commons Dr E-W
L Commons Dr N-S
R Bricher
L Randall

Southbound Location		Timed 1/19/10			Printed Schedule
		#1	#2	#3	
Kane County Judicial Center	stop	6:39 AM		8:43 AM	7:45 AM
IL 38/Meijer	stop	6:42 AM	7:20 AM	8:46 AM	
IL 38/Randall	stop	6:43 AM	7:23 AM	8:46 AM	7:51 AM
Randall/Bricher		6:43 AM		8:47 AM	
Geneva Commons	stop	6:44 AM	7:24 AM	8:48 AM	
Commons/Williamsburg		6:46 AM	7:26 AM	8:49 AM	
Delnor Dr near Main Entr.	stop	6:47 AM	7:27 AM	8:51 AM	
Delnor Dr/Keslinger		6:48 AM	7:28 AM	8:51 AM	
Keslinger/Randall		6:48 AM	7:29 AM	8:52 AM	
Randall/Fargo		6:50 AM	7:30 AM	8:54 AM	
Randall/Christina	stop	6:50 AM	7:31 AM	8:54 AM	
Randall/Gleneagle				8:54 AM	
Randall/Fabyan		6:51 AM	7:31 AM	8:55 AM	
Randall/Mill	stop	6:52 AM	7:32 AM	8:56 AM	
Randall/McKee	stop	6:53 AM	7:33 AM	8:57 AM	
Randall/Wilson	stop	6:54 AM	7:34 AM	8:58 AM	8:01 AM
IL38/Randall to Randall/Wilson		0:11	0:11	0:12	0:10
Judicial Center to Randall/Wilson		0:15	--	0:15	0:16

Randall
R midblock Geneva Commons
L Commons Dr N-S
R Commons Dr E-W
L Commons Dr N-S
L Williamsburg
R Delnor Dr
L Keslinger
R Randall