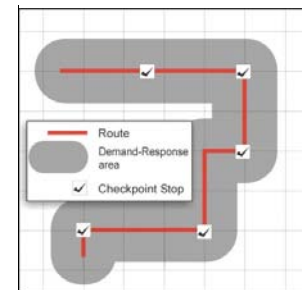


# Service Alternatives

For the Addison Community Area, the Planning Team has developed a route-deviation service. With route-deviation, transit vehicles follow a specific route but leave the route to serve demand-response origins and destinations. The vehicles are required to return to the designated route within one block of the point of deviation to ensure that all intersections along the route are served. The passengers on the bus may have a longer travel time than for fixed-route service, and the service reliability is lower. However, the ADA-mandated complementary paratransit service is not necessary since the bus can deviate from the route to pick up disabled passengers. With route deviation, the deviations should be able to be scheduled in real-time. Real-time pickups can be greatly enhanced with modern technology such as computerized dispatch and reservations programs and AVL technology which allows dispatch to know exactly where the bus is using GPS technology.



**Route-Deviation Service**

Schedules for route-deviation service must incorporate flexibility to provide time to accommodate deviations. This is typically shown as a window of time on published schedules for designated stops. For the Addison circulators, a window of 10 minutes would be appropriate. The bus would not depart a stop prior to the beginning of the 10-minute window, but could arrive and depart as late as the end of the 10-minute window. This means that on runs without any deviations, the vehicle may have to wait at a stop until the designated time because the time was not used for deviations.

Route-deviation service is contrasted with fixed-route transit service which fits the popular description of a bus system—transit vehicles operating on specified routes and following set schedules. Specific bus stops are typically



**Fixed-Route Service**

identified for the locations where passengers will be picked up and dropped off. Fixed-route operations lack the flexibility to meet the needs of passengers with any special requirements in low density areas. The Americans With Disabilities Act requires that communities with fixed-route transit service also provide complementary paratransit service that operates, at a minimum, in a three-quarter mile radius of each fixed route. Paratransit service is typically much more costly to operate than fixed-route service because of the characteristics of the service.

Five service alternatives based on route-deviation service have been developed for the Addison Circulator Service.

## **DEMAND ANALYSIS**

A key step in developing and evaluating transit plans is a careful analysis of the mobility needs of various segments of the population and the potential ridership of transit services. Transit demand analysis is the basic determination of the demand for public transportation in a given area. There are several factors that affect demand, not all of which can be forecasted. However, as demand estimation is an important task in developing any transportation plan, several methods of estimation have been developed in the transit field. The analysis by the LSC team makes extensive use of the demographic data and trends discussed in the August 2006 *DuPage Circulator Study Market Analysis*.

The model format is based on household vehicle ownership, average walking distance to bus stops, and frequency of operation. The basic approach is described in the paper “*Demand Estimating Model for Transit Route and System Planning in Small Urban Areas*,” (Transportation Research Board, 730, 1979). This model incorporates factors for walking distance, the distance traveled on the bus, and the frequency of service or headway. The model used for the Village of Addison reflects the 2006 population estimates for Addison and was calibrated to adjust to the demographic conditions in Addison that will potentially generate ridership.

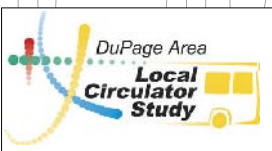
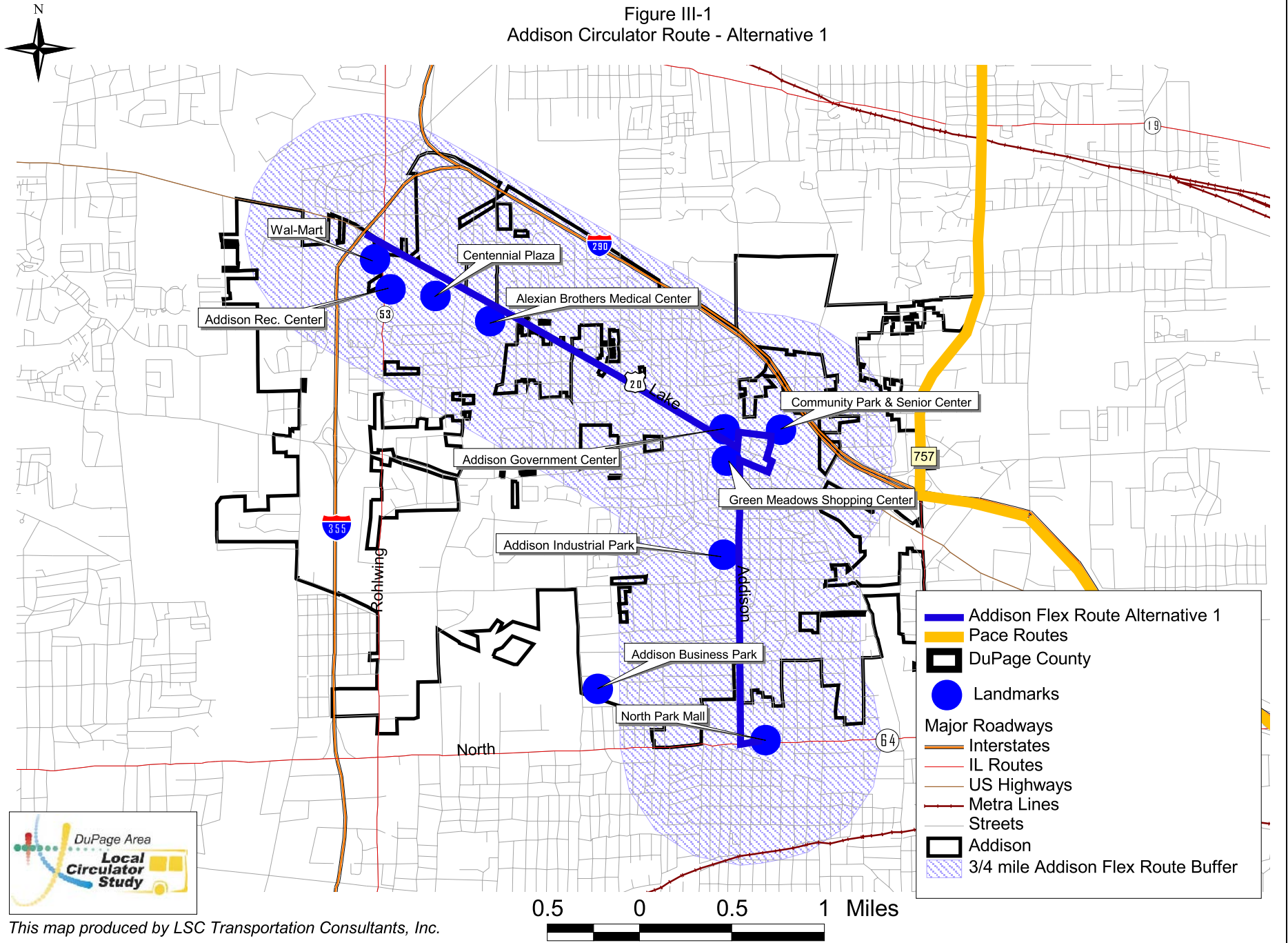
A separate estimate of demand was developed for each of the alternatives for comparison. The estimated demand is included in the evaluation of each alternative.

## **ALTERNATIVE 1**

Alternative 1 represents the conceptual service depicted in the *Service Type Report*. Starting at the Centennial Plaza, the proposed route-deviation service will travel east on Lake Street to Addison Road. It will turn left on Addison to Oak Street to serve the Addison Community Center, then return to Addison Road where it will proceed south to North Park Mall. The route then reverses itself. Figure III-1 shows the route and the three-quarter-mile buffer which represents the area in which the bus can deviate from the route to pick up disabled individuals. A summary comparison of all alternatives is provided in Table III-17 at the end of this chapter.

The basic concept of this route is to serve the elderly and disabled as well as to provide transportation for lower-income individuals to get to shopping, health care, and employment. The route also offers opportunities for Addison residents to access Pace routes at the North Park Mall. Since many lower-income job opportunities are in the service industry—which works on a seven-day schedule—it is recommended that weekend service be provided as well.

Figure III-1  
Addison Circulator Route - Alternative 1



Alternative 1 service will operate from 6:00 a.m. to 7:00 p.m. Monday through Friday with weekend service operating from 8:00 a.m. to 9:00 p.m. The service should not operate on major holidays. It is estimated that the Alternative 1 route will carry 41,000 passenger-trips per year with an estimated productivity rate of six passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour.

The Planning Team also recommends that the service operate on a 30-minute frequency of service during peak weekday hours (6:00 a.m.-9:00 a.m. and 3:00 p.m.-6:00 p.m.) with hourly service at off-peak times and on weekends. The estimated round-trip time is 60 minutes with time built into the schedule for flex time. Table III-1 shows the weekday service schedule, and Table III-2 depicts the weekend schedule.

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**Table III-1  
Addison Circulator Schedule Alternative 1, Weekday Service**

Runs	Centennial Plaza	Health Department	Lake Mill Shopping Plaza	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	Depart North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Lake Mill Shopping Plaza	Health Department	Centennial Plaza
1	6:00 AM	6:02 AM	6:06 AM	6:11 AM	6:14 AM	6:18 AM	6:20 AM	6:26 AM	6:30 AM	6:36 AM	6:37 AM	6:40 AM	6:42 AM	6:45 AM	6:51 AM	6:56 AM
2	6:30 AM	6:32 AM	6:36 AM	6:41 AM	6:44 AM	6:48 AM	6:50 AM	6:56 AM	7:00 AM	7:06 AM	7:07 AM	7:10 AM	7:12 AM	7:15 AM	7:21 AM	7:26 AM
3	7:00 AM	7:02 AM	7:06 AM	7:11 AM	7:14 AM	7:18 AM	7:20 AM	7:26 AM	7:30 AM	7:36 AM	7:37 AM	7:40 AM	7:42 AM	7:45 AM	7:51 AM	7:56 AM
4	7:30 AM	7:32 AM	7:36 AM	7:41 AM	7:44 AM	7:48 AM	7:50 AM	7:56 AM	8:00 AM	8:06 AM	8:07 AM	8:10 AM	8:12 AM	8:15 AM	8:21 AM	8:26 AM
5	8:00 AM	8:02 AM	8:06 AM	8:11 AM	8:14 AM	8:18 AM	8:20 AM	8:26 AM	8:30 AM	8:36 AM	8:37 AM	8:40 AM	8:42 AM	8:45 AM	8:51 AM	8:56 AM
6	8:30 AM	8:32 AM	8:36 AM	8:41 AM	8:44 AM	8:48 AM	8:50 AM	8:56 AM	9:00 AM	9:06 AM	9:07 AM	9:10 AM	9:12 AM	9:15 AM	9:21 AM	9:26 AM
7	9:00 AM	9:02 AM	9:06 AM	9:11 AM	9:14 AM	9:18 AM	9:20 AM	9:26 AM	9:30 AM	9:36 AM	9:37 AM	9:40 AM	9:42 AM	9:45 AM	9:51 AM	9:56 AM
8	10:00 AM	10:02 AM	10:06 AM	10:11 AM	10:14 AM	10:18 AM	10:20 AM	10:26 AM	10:30 AM	10:36 AM	10:37 AM	10:40 AM	10:42 AM	10:45 AM	10:51 AM	10:56 AM
9	11:00 AM	11:02 AM	11:06 AM	11:11 AM	11:14 AM	11:18 AM	11:20 AM	11:26 AM	11:30 AM	11:36 AM	11:37 AM	11:40 AM	11:42 AM	11:45 AM	11:51 AM	11:56 AM
10	12:00 PM	12:02 PM	12:06 PM	12:11 PM	12:14 PM	12:18 PM	12:20 PM	12:26 PM	12:30 PM	12:36 PM	12:37 PM	12:40 PM	12:42 PM	12:45 PM	12:51 PM	12:56 PM
11	1:00 PM	1:02 PM	1:06 PM	1:11 PM	1:14 PM	1:18 PM	1:20 PM	1:26 PM	1:30 PM	1:36 PM	1:37 PM	1:40 PM	1:42 PM	1:45 PM	1:51 PM	1:56 PM
12	2:00 PM	2:02 PM	2:06 PM	2:11 PM	2:14 PM	2:18 PM	2:20 PM	2:26 PM	2:30 PM	2:36 PM	2:37 PM	2:40 PM	2:42 PM	2:45 PM	2:51 PM	2:56 PM
13	3:00 PM	3:02 PM	3:06 PM	3:11 PM	3:14 PM	3:18 PM	3:20 PM	3:26 PM	3:30 PM	3:36 PM	3:37 PM	3:40 PM	3:42 PM	3:45 PM	3:51 PM	3:56 PM
14	3:30 PM	3:32 PM	3:36 PM	3:41 PM	3:44 PM	3:48 PM	3:50 PM	3:56 PM	4:00 PM	4:06 PM	4:07 PM	4:10 PM	4:12 PM	4:15 PM	4:21 PM	4:26 PM
15	4:00 PM	4:02 PM	4:06 PM	4:11 PM	4:14 PM	4:18 PM	4:20 PM	4:26 PM	4:30 PM	4:36 PM	4:37 PM	4:40 PM	4:42 PM	4:45 PM	4:51 PM	4:56 PM
16	4:30 PM	4:32 PM	4:36 PM	4:41 PM	4:44 PM	4:48 PM	4:50 PM	4:56 PM	5:00 PM	5:06 PM	5:07 PM	5:10 PM	5:12 PM	5:15 PM	5:21 PM	5:26 PM
17	5:00 PM	5:02 PM	5:06 PM	5:11 PM	5:14 PM	5:18 PM	5:20 PM	5:26 PM	5:30 PM	5:36 PM	5:37 PM	5:40 PM	5:42 PM	5:45 PM	5:51 PM	5:56 PM
18	5:30 PM	5:32 PM	5:36 PM	5:41 PM	5:44 PM	5:48 PM	5:50 PM	5:56 PM	6:00 PM	6:06 PM	6:07 PM	6:10 PM	6:12 PM	6:15 PM	6:21 PM	6:26 PM
19	6:00 PM	6:02 PM	6:06 PM	6:11 PM	6:14 PM	6:18 PM	6:20 PM	6:26 PM	6:30 PM	6:36 PM	6:37 PM	6:40 PM	6:42 PM	6:45 PM	6:51 PM	6:56 PM

Source: LSC, 2007.



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**Table III-2  
Addison Circulator Schedule Alternative 1, Weekend Service**

Runs	Centennial Plaza	Health Department	Lake Mill Shopping Plaza	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	Depart North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Lake Mill Shopping Plaza	Health Department	Centennial Plaza
1	8:00 AM	8:05 AM	8:11 AM	8:14 AM	8:16 AM	8:21 AM	8:22 AM	8:26 AM	8:30 AM	8:36 AM	8:37 AM	8:40 AM	8:42 AM	8:45 AM	8:51 AM	8:56 AM
2	9:00 AM	9:05 AM	9:11 AM	9:14 AM	9:16 AM	9:21 AM	9:22 AM	9:26 AM	9:30 AM	9:36 AM	9:37 AM	9:40 AM	9:42 AM	9:45 AM	9:51 AM	9:56 AM
3	10:00 AM	10:05 AM	10:11 AM	10:14 AM	10:16 AM	10:21 AM	10:22 AM	10:26 AM	10:30 AM	10:36 AM	10:37 AM	10:40 AM	10:42 AM	10:45 AM	10:51 AM	10:56 AM
4	11:00 AM	11:05 AM	11:11 AM	11:14 AM	11:16 AM	11:21 AM	11:22 AM	11:26 AM	11:30 AM	11:36 AM	11:37 AM	11:40 AM	11:42 AM	11:45 AM	11:51 AM	11:56 AM
5	12:00 PM	12:05 PM	12:11 PM	12:14 PM	12:16 PM	12:21 PM	12:22 PM	12:26 PM	12:30 PM	12:36 PM	12:37 PM	12:40 PM	12:42 PM	12:45 PM	12:51 PM	12:56 PM
6	1:00 PM	1:05 PM	1:11 PM	1:14 PM	1:16 PM	1:21 PM	1:22 PM	1:26 PM	1:30 PM	1:36 PM	1:37 PM	1:40 PM	1:42 PM	1:45 PM	1:51 PM	1:56 PM
7	2:00 PM	2:05 PM	2:11 PM	2:14 PM	2:16 PM	2:21 PM	2:22 PM	2:26 PM	2:30 PM	2:36 PM	2:37 PM	2:40 PM	2:42 PM	2:45 PM	2:51 PM	2:56 PM
8	3:00 PM	3:05 PM	3:11 PM	3:14 PM	3:16 PM	3:21 PM	3:22 PM	3:26 PM	3:30 PM	3:36 PM	3:37 PM	3:40 PM	3:42 PM	3:45 PM	3:51 PM	3:56 PM
9	4:00 PM	4:05 PM	4:11 PM	4:14 PM	4:16 PM	4:21 PM	4:22 PM	4:26 PM	4:30 PM	4:36 PM	4:37 PM	4:40 PM	4:42 PM	4:45 PM	4:51 PM	4:56 PM
10	5:00 PM	5:05 PM	5:11 PM	5:14 PM	5:16 PM	5:21 PM	5:22 PM	5:26 PM	5:30 PM	5:36 PM	5:37 PM	5:40 PM	5:42 PM	5:45 PM	5:51 PM	5:56 PM
11	6:00 PM	6:05 PM	6:11 PM	6:14 PM	6:16 PM	6:21 PM	6:22 PM	6:26 PM	6:30 PM	6:36 PM	6:37 PM	6:40 PM	6:42 PM	6:45 PM	6:51 PM	6:56 PM
12	7:00 PM	7:05 PM	7:11 PM	7:14 PM	7:16 PM	7:21 PM	7:22 PM	7:26 PM	7:30 PM	7:36 PM	7:37 PM	7:40 PM	7:42 PM	7:45 PM	7:51 PM	7:56 PM
13	8:00 PM	8:05 PM	8:11 PM	8:14 PM	8:16 PM	8:21 PM	8:22 PM	8:26 PM	8:30 PM	8:36 PM	8:37 PM	8:40 PM	8:42 PM	8:45 PM	8:51 PM	8:56 PM

Source: LSC, 2007.

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The estimated cost of operating and providing capital equipment for this alternative is \$978,000—\$440,000 for operating expenses and \$538,000 for capital expenses. The capital costs are high in the first year due to the need to purchase new buses. This cost drops markedly after the first year of operation to \$540,000. The capital cost for buses provides enough funds to purchase three large body-on-chassis buses that meet Americans with Disabilities standards. These buses have a large enough capacity to carry 25 to 30 seated passengers, yet are maneuverable enough to drive on residential streets. Bus bike racks are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-3.

Revenue is estimated to come from federal and local sources along with revenue generated by fares and advertising on the bus. Federal funding will need to be coordinated with RTA since they are the designated recipients of federal transit funds such as Federal Transit Administration Sections 5307 and 5309 funds. Fares have been based on a \$1.00 one-way fare with a discounted monthly pass for unlimited trips at \$30.

The major stops for this alternative will be:

1. Addison Recreational Center
2. Centennial Plaza
3. DuPage Health Department
4. Lake Mill Shopping Plaza
5. Green Meadows Shopping Center
6. Addison Village Government Center
7. Addison Senior Center
8. North Park Mall

Bus stops should be improved as needed to provide a waiting area and passenger loading area meeting the requirements of the Americans with Disabilities Act. The stops should be accessible from the community pedestrian facilities. Improvements may include benches or shelters as appropriate based on passenger activity. A separate pedestrian facilities study is being conducted that will provide information on improvements that will be needed to support the circulator service.

**Table III-3  
Addison Transit Plan, 2009-2014 -- Alternative 1 (assumed 5% inflation)**

<b>EXPENSES</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>OPERATING</b>							
Weekday Service	\$ 350,625	\$ 368,156	\$ 386,564	\$ 405,892	\$ 426,187	\$ 447,496	\$ 2,384,921
Weekend Service	\$ 74,360	\$ 78,078	\$ 81,982	\$ 86,081	\$ 90,385	\$ 94,904	\$ 505,790
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
<b>Subtotal</b>	<b>\$ 439,985</b>	<b>\$ 461,984</b>	<b>\$ 485,083</b>	<b>\$ 509,338</b>	<b>\$ 534,805</b>	<b>\$ 561,545</b>	<b>\$ 2,992,740</b>
<b>CAPITAL</b>							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,212	\$ 174,212
New Transit Buses (3)	\$ 409,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 409,500
Bus Bike Racks (3)	\$ 3,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,600
Transit Stop Improvements (36 stops)	\$ 94,500	\$ 94,500	\$ -	\$ -	\$ -	\$ -	\$ 189,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
<b>Subtotal</b>	<b>\$ 537,600</b>	<b>\$ 99,500</b>	<b>\$ 55,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 179,212</b>	<b>\$ 881,312</b>
<b>TOTAL EXPENSES</b>	<b>\$ 977,585</b>	<b>\$ 561,484</b>	<b>\$ 540,083</b>	<b>\$ 514,338</b>	<b>\$ 539,805</b>	<b>\$ 740,757</b>	<b>\$ 3,874,052</b>
<b>REVENUES</b>							
FTA 5307 Program (capital)	\$ 430,080	\$ 79,600	\$ 44,000	\$ 4,000	\$ 4,000	\$ 143,370	\$ 705,050
<b>Subtotal</b>	<b>\$ 430,080</b>	<b>\$ 79,600</b>	<b>\$ 44,000</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 143,370</b>	<b>\$ 705,050</b>
<b>Local Revenues</b>							
Local Match (capital)	\$ 107,520	\$ 19,900	\$ 11,000	\$ 1,000	\$ 1,000	\$ 35,842	\$ 176,262
Local Match (operating)	\$ 408,068	\$ 430,067	\$ 453,166	\$ 477,420	\$ 502,887	\$ 529,627	\$ 2,801,235
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 30,917	\$ 30,917	\$ 30,917	\$ 30,917	\$ 30,917	\$ 30,917	\$ 185,504
<b>Subtotal</b>	<b>\$ 547,505</b>	<b>\$ 481,884</b>	<b>\$ 496,083</b>	<b>\$ 510,338</b>	<b>\$ 535,805</b>	<b>\$ 597,387</b>	<b>\$ 3,169,002</b>
<b>TOTAL REVENUES</b>	<b>\$ 977,585</b>	<b>\$ 561,484</b>	<b>\$ 540,083</b>	<b>\$ 514,338</b>	<b>\$ 539,805</b>	<b>\$ 740,757</b>	<b>\$ 3,874,052</b>

Source: LSC, 2007.

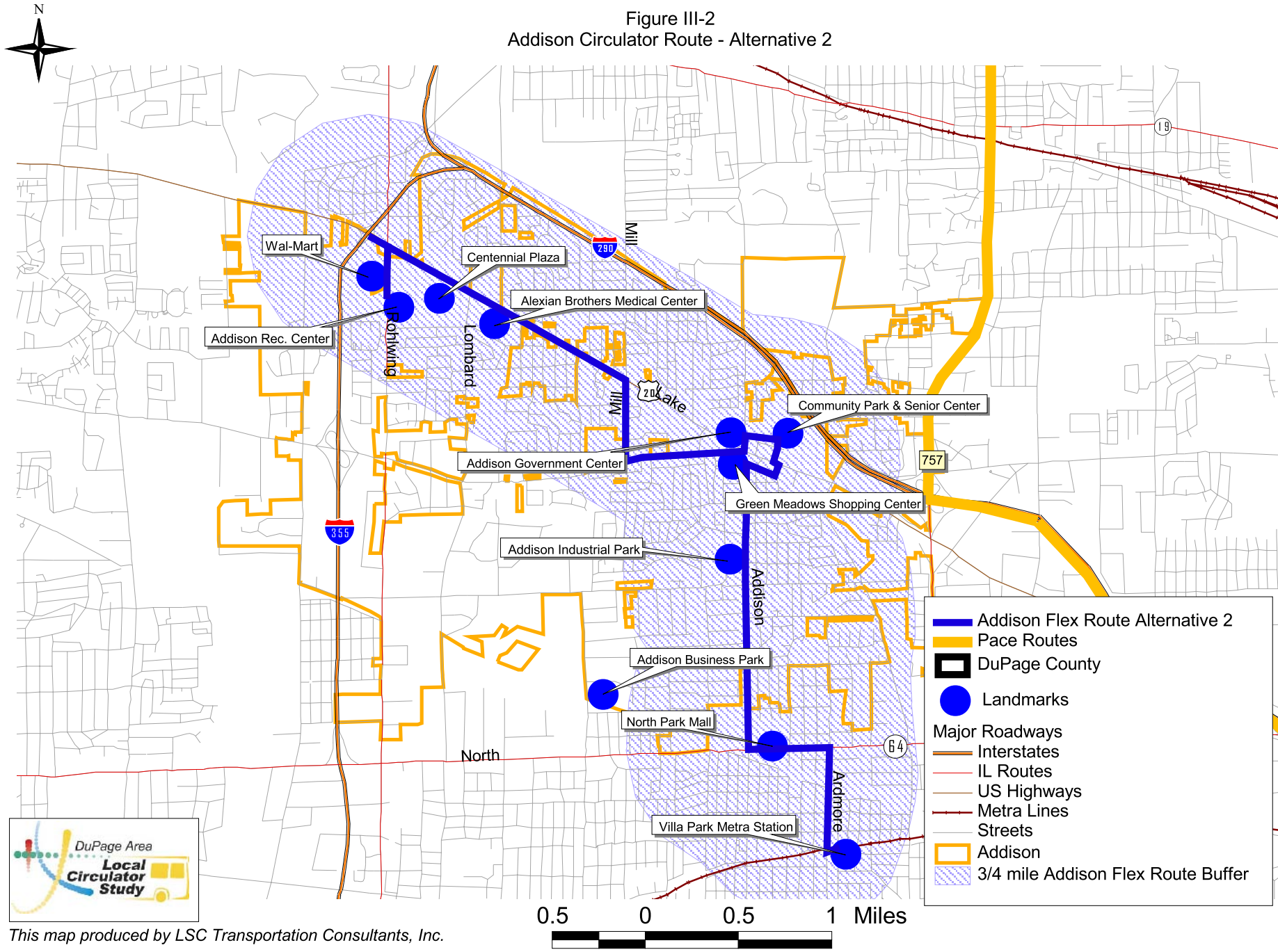
## **ALTERNATIVE 2**

Since Addison has very limited public transportation services, the Planning Team developed this alternative to offer a more traditional regular route service. Customers commuting to work each day can take the bus to Metra and Pace stations, with customers working in Addison having frequent bus service during traditional work starting and ending times. During the midday, scheduled service will be available for seniors and those who work at part-time jobs or jobs that do not begin and end at traditional times. The evening service allows seniors to attend evening meetings or go shopping with ease and safety as well as allowing transit-dependent individuals the ability to shop or go to evening jobs or attend evening classes. A summary comparison of all alternatives is provided in Table III-17 at the end of this chapter.

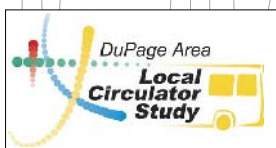
Starting at the Wal-Mart on North Rohlwing Road, the proposed route-deviation route will travel east on Lake Street to Mill Road. It will turn right on Mill to Army Trail Boulevard. The route will travel east on Army Trail Boulevard to JFK Boulevard and turn left. It will turn right on Addison to East Oak Street to serve the Addison Community Center, then return via East Oak Street to Addison Road where it will proceed south to North Park Mall then continue south to West Vermont Street where it turns left. The route continues on West Vermont Street to North Beverly, turning right and terminating service at the Villa Park Metra station. The route then reverses itself. Alternative 2 is depicted in Figure III-2.

The basic concept of this route is to serve the elderly and disabled as well as to provide transportation for lower-income individuals to get to shopping, health care, and employment and all individuals the ability to commute outside of Addison. Having the route travel to the Villa Park Metra station will provide access to the Metra commuter rail that could be used to commute to Chicago or other locations.

Figure III-2  
Addison Circulator Route - Alternative 2



- Addison Flex Route Alternative 2
- Pace Routes
- DuPage County
- Landmarks
- Major Roadways**
- Interstates
- IL Routes
- US Highways
- Metra Lines
- Streets
- Addison
- 3/4 mile Addison Flex Route Buffer



This map produced by LSC Transportation Consultants, Inc.

The Planning Team proposes that the service operate from 6:00 a.m. to 10:00 p.m. Monday through Friday with weekend service operating from 8:00 a.m. to 10:00 p.m. The service should not operate on major holidays. It is estimated that the Alternative 2 route will carry 61,000 passenger-trips per year with an estimated productivity rate of 10 passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour.

The Planning Team also proposes that the service operate on a 30-minute frequency of service during peak weekday hours (6:00 a.m.-9:00 a.m. and 3:00 p.m.-6:00 p.m.) with hourly service at off-peak times and on weekends. The round-trip time is 65 minutes on the weekday service which will necessitate the need for a more sophisticated run-cut and more buses than needed in Alternative 1. Table III-4 shows the weekday service schedule, and Table III-5 depicts the weekend schedule.



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**Table III-4  
Addison Circulator Schedule, Alternative 2, Weekday Service**

Runs	Bus	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	ArriveVilla Park Metra Station	DepartVilla Park Metra Station	North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	1	5:55 AM	5:58 AM	6:02 AM	6:06 AM	6:11 AM	6:11 AM	6:14 AM	6:17 AM	6:18 AM	6:24 AM	6:30 AM	6:35 AM	6:36 AM	6:47 AM	6:49 AM	6:51 AM	6:54 AM	6:54 AM	6:59 AM	7:03 AM	7:07 AM	7:10 AM
2	2	6:25 AM	6:28 AM	6:32 AM	6:36 AM	6:41 AM	6:41 AM	6:44 AM	6:47 AM	6:48 AM	6:54 AM	7:00 AM	7:05 AM	7:06 AM	7:17 AM	7:19 AM	7:21 AM	7:24 AM	7:24 AM	7:29 AM	7:33 AM	7:37 AM	7:40 AM
3	3	6:55 AM	6:58 AM	7:02 AM	7:06 AM	7:11 AM	7:11 AM	7:14 AM	7:17 AM	7:18 AM	7:24 AM	7:30 AM	7:35 AM	7:36 AM	7:47 AM	7:49 AM	7:51 AM	7:54 AM	7:54 AM	7:59 AM	8:03 AM	8:07 AM	8:10 AM
4	1	7:25 AM	7:28 AM	7:32 AM	7:36 AM	7:41 AM	7:41 AM	7:44 AM	7:47 AM	7:48 AM	7:54 AM	8:01 AM	8:06 AM	8:07 AM	8:18 AM	8:20 AM	8:22 AM	8:25 AM	8:25 AM	8:30 AM	8:34 AM	8:38 AM	8:41 AM
5	2	7:55 AM	7:58 AM	8:02 AM	8:06 AM	8:11 AM	8:11 AM	8:14 AM	8:17 AM	8:18 AM	8:24 AM	8:31 AM	8:36 AM	8:37 AM	8:48 AM	8:50 AM	8:52 AM	8:55 AM	8:55 AM	9:00 AM	9:04 AM	9:08 AM	9:11 AM
6	3	8:25 AM	8:28 AM	8:32 AM	8:36 AM	8:41 AM	8:41 AM	8:44 AM	8:47 AM	8:48 AM	8:54 AM	9:01 AM	9:06 AM	9:07 AM	9:18 AM	9:20 AM	9:22 AM	9:25 AM	9:25 AM	9:30 AM	9:34 AM	9:38 AM	9:41 AM
7	1	8:55 AM	8:58 AM	9:02 AM	9:06 AM	9:11 AM	9:11 AM	9:14 AM	9:17 AM	9:18 AM	9:24 AM	9:31 AM	9:36 AM	9:37 AM	9:48 AM	9:50 AM	9:52 AM	9:55 AM	9:55 AM	10:00 AM	10:04 AM	10:08 AM	10:11 AM
8	3	9:55 AM	9:58 AM	10:02 AM	10:06 AM	10:11 AM	10:11 AM	10:14 AM	10:17 AM	10:18 AM	10:24 AM	-	-	10:25 AM	10:31 AM	10:32 AM	10:35 AM	10:37 AM	10:38 AM	10:42 AM	10:46 AM	10:50 AM	10:52 AM
9	3	10:55 AM	10:58 AM	11:02 AM	11:06 AM	11:11 AM	11:11 AM	11:14 AM	11:17 AM	11:18 AM	11:24 AM	-	-	11:25 AM	11:31 AM	11:32 AM	11:35 AM	11:37 AM	11:38 AM	11:42 AM	11:46 AM	11:50 AM	11:52 AM
10	3	11:55 AM	11:58 AM	12:02 PM	12:06 PM	12:11 PM	12:11 PM	12:14 PM	12:17 PM	12:18 PM	12:24 PM	-	-	12:25 PM	12:31 PM	12:32 PM	12:35 PM	12:37 PM	12:38 PM	12:42 PM	12:46 PM	12:50 PM	12:52 PM
11	3	12:55 PM	12:58 PM	1:02 PM	1:06 PM	1:11 PM	1:11 PM	1:14 PM	1:17 PM	1:18 PM	1:24 PM	-	-	1:25 PM	1:31 PM	1:32 PM	1:35 PM	1:37 PM	1:38 PM	1:42 PM	1:46 PM	1:50 PM	1:52 PM
12	3	1:55 PM	1:58 PM	2:02 PM	2:06 PM	2:11 PM	2:11 PM	2:14 PM	2:17 PM	2:18 PM	2:24 PM	-	-	2:25 PM	2:31 PM	2:32 PM	2:35 PM	2:37 PM	2:38 PM	2:42 PM	2:46 PM	2:50 PM	2:52 PM
13	3	2:55 PM	2:58 PM	3:02 PM	3:06 PM	3:11 PM	3:11 PM	3:14 PM	3:17 PM	3:18 PM	3:24 PM	-	-	3:25 PM	3:31 PM	3:32 PM	3:35 PM	3:37 PM	3:38 PM	3:42 PM	3:46 PM	3:50 PM	3:52 PM
14	2	3:25 PM	3:28 PM	3:32 PM	3:36 PM	3:41 PM	3:41 PM	3:44 PM	3:47 PM	3:48 PM	3:54 PM	4:01 PM	4:06 PM	4:06 PM	4:18 PM	4:20 PM	4:22 PM	4:25 PM	4:25 PM	4:30 PM	4:34 PM	4:38 PM	4:41 PM
15	3	3:55 PM	3:58 PM	4:02 PM	4:06 PM	4:11 PM	4:11 PM	4:14 PM	4:17 PM	4:18 PM	4:24 PM	4:31 PM	4:36 PM	4:36 PM	4:48 PM	4:50 PM	4:52 PM	4:55 PM	4:55 PM	5:00 PM	5:04 PM	5:08 PM	5:11 PM
16	1	4:25 PM	4:28 PM	4:32 PM	4:36 PM	4:41 PM	4:41 PM	4:44 PM	4:47 PM	4:48 PM	4:54 PM	5:01 PM	5:06 PM	5:06 PM	5:18 PM	5:20 PM	5:22 PM	5:25 PM	5:25 PM	5:30 PM	5:34 PM	5:38 PM	5:41 PM
17	2	4:55 PM	4:58 PM	5:02 PM	5:06 PM	5:11 PM	5:11 PM	5:14 PM	5:17 PM	5:18 PM	5:24 PM	5:31 PM	5:36 PM	5:36 PM	5:48 PM	5:50 PM	5:52 PM	5:55 PM	5:55 PM	6:00 PM	6:04 PM	6:08 PM	6:11 PM
18	3	5:25 PM	5:28 PM	5:32 PM	5:36 PM	5:41 PM	5:41 PM	5:44 PM	5:47 PM	5:48 PM	5:54 PM	6:01 PM	6:06 PM	6:06 PM	6:18 PM	6:20 PM	6:22 PM	6:25 PM	6:25 PM	6:30 PM	6:34 PM	6:38 PM	6:41 PM
19	1	5:55 PM	5:58 PM	6:02 PM	6:06 PM	6:11 PM	6:11 PM	6:14 PM	6:17 PM	6:18 PM	6:24 PM	6:31 PM	6:36 PM	6:36 PM	6:48 PM	6:50 PM	6:52 PM	6:55 PM	6:55 PM	7:00 PM	7:04 PM	7:08 PM	7:11 PM
20	3	6:55 PM	6:58 PM	7:02 PM	7:06 PM	7:11 PM	7:11 PM	7:14 PM	7:17 PM	7:18 PM	7:24 PM	7:31 PM	7:36 PM	7:36 PM	7:48 PM	7:50 PM	7:52 PM	7:55 PM	7:55 PM	8:00 PM	8:04 PM	8:08 PM	8:11 PM
21	1	7:55 PM	7:58 PM	8:02 PM	8:06 PM	8:11 PM	8:11 PM	8:14 PM	8:17 PM	8:18 PM	8:24 PM	-	-	8:25 PM	8:31 PM	8:32 PM	8:35 PM	8:37 PM	8:38 PM	8:42 PM	8:46 PM	8:50 PM	8:52 PM
22	1	8:55 PM	8:58 PM	9:02 PM	9:06 PM	9:11 PM	9:11 PM	9:14 PM	9:17 PM	9:18 PM	9:24 PM	-	-	9:25 PM	9:31 PM	9:32 PM	9:35 PM	9:37 PM	9:38 PM	9:42 PM	9:46 PM	9:50 PM	9:52 PM

Source: LSC, 2007.

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**Table III-5  
Addison Circulator Schedule, Alternative 2, Weekend Service**

Runs	Wal-Mart	Centennial Plaza	Health Dept.	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	ArriveVilla Park Metra Station	DepartVilla Park Metra Station	North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Dept.	Centennial Plaza	Wal-Mart
1	5:55 AM	5:57 AM	5:59 AM	6:03 AM	6:06 AM	6:07 AM	6:10 AM	6:14 AM	6:16 AM	6:22 AM	6:29 AM	6:34 AM	6:40 AM	6:46 AM	6:48 AM	6:50 AM	6:53 AM	6:53 AM	6:58 AM	7:02 AM	7:06 AM	7:09 AM
2	6:55 AM	6:57 AM	6:59 AM	7:03 AM	7:06 AM	7:07 AM	7:10 AM	7:14 AM	7:16 AM	7:22 AM	7:29 AM	7:34 AM	7:34 AM	7:46 AM	7:48 AM	7:50 AM	7:53 AM	7:53 AM	7:58 AM	8:02 AM	8:06 AM	8:09 AM
3	7:55 AM	7:57 AM	7:59 AM	8:03 AM	8:06 AM	8:07 AM	8:10 AM	8:14 AM	8:16 AM	8:22 AM	8:31 AM	8:36 AM	8:36 AM	8:48 AM	8:50 AM	8:52 AM	8:55 AM	8:55 AM	9:00 AM	9:04 AM	9:08 AM	9:11 AM
4	8:55 AM	8:57 AM	8:59 AM	9:03 AM	9:06 AM	9:07 AM	9:10 AM	9:14 AM	9:16 AM	9:22 AM	9:31 AM	9:36 AM	9:36 AM	9:48 AM	9:50 AM	9:52 AM	9:55 AM	9:55 AM	10:00 AM	10:04 AM	10:08 AM	10:11 AM
5	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
6	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
7	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
8	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
9	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
10	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
11	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
12	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
13	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
14	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
15	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM
16	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:31 AM	10:36 AM	10:36 AM	10:48 AM	10:50 AM	10:52 AM	10:55 AM	10:55 AM	11:00 AM	11:04 AM	11:08 AM	11:11 AM

Source: LSC, 2007.

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The estimated cost of operating and providing capital equipment for this alternative is \$1,283,000—\$599,000 for operating expenses and \$684,000 for buses and capital equipment. The capital costs are high in the first year due to the need to purchase new buses. This cost drops markedly after the first year of operation to \$736,000. The capital cost for buses provides enough funds to purchase four large body-on-chassis buses that meet Americans with Disabilities standards. These buses have a large enough capacity to carry 25 to 30 seated passengers yet are maneuverable enough to drive on residential streets. Bus bike racks are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-6.

Revenue is estimated to come from federal and local sources along with revenue generated by fares and advertising on the bus. Federal funding will need to be coordinated with RTA since they are the designated recipients of federal transit funds such as Federal Transit Administration Sections 5307 and 5309 funds. Fares have been based on a \$1.00 one-way fare with a discounted monthly pass for unlimited trips at \$30.

The major stops for this alternative will be:

1. Wal-Mart
2. Addison Recreational Center
3. Centennial Plaza
4. DuPage Health Department
5. Lake Mill Shopping Plaza
6. Green Meadows Shopping Center
7. Addison Village Government Center
8. Addison Senior Center
9. North Park Mall
10. Villa Park Metra station

Bus stops should be improved as needed to provide a waiting area and passenger loading area meeting the requirements of the Americans with Disabilities Act. The stops should be accessible from the community pedestrian facilities. Improvements may include benches or shelters as appropriate based on passenger

## *Service Alternatives*

activity. A separate pedestrian facilities study is being conducted that will provide information on improvements that will be needed to support the circulator service.

<b>Table III-6</b>							
<b>Addison Transit Plan, 2009-2014 -- Alternative 2 (assumed 5% inflation)</b>							
<b>EXPENSES</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>OPERATING</b>							
Weekday Service	\$ 406,725	\$ 427,061	\$ 448,414	\$ 470,835	\$ 494,377	\$ 519,096	\$ 2,766,508
Weekend Service	\$ 177,320	\$ 186,186	\$ 195,495	\$ 205,270	\$ 215,534	\$ 226,310	\$ 1,206,115
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
<b>Subtotal</b>	<b>\$ 599,045</b>	<b>\$ 628,997</b>	<b>\$ 660,447</b>	<b>\$ 693,469</b>	<b>\$ 728,143</b>	<b>\$ 764,550</b>	<b>\$ 4,074,652</b>
<b>CAPITAL</b>							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,212	\$ 174,212
New Transit Buses (4)	\$ 546,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 546,000
Bus Bike Racks (4)	\$ 4,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,800
Transit Stop Improvements (48 stops)	\$ 103,500	\$ 103,500	\$ -	\$ -	\$ -	\$ -	\$ 207,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
<b>Subtotal</b>	<b>\$ 684,300</b>	<b>\$ 108,500</b>	<b>\$ 55,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 179,212</b>	<b>\$ 1,037,012</b>
<b>TOTAL EXPENSES</b>	<b>\$ 1,283,345</b>	<b>\$ 737,497</b>	<b>\$ 715,447</b>	<b>\$ 698,469</b>	<b>\$ 733,143</b>	<b>\$ 943,763</b>	<b>\$ 5,111,664</b>
<b>REVENUES</b>							
FTA 5307 Program (capital)	\$ 547,440	\$ 86,800	\$ 44,000	\$ 4,000	\$ 4,000	\$ 143,370	\$ 829,610
<b>Subtotal</b>	<b>\$ 547,440</b>	<b>\$ 86,800</b>	<b>\$ 44,000</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 143,370</b>	<b>\$ 829,610</b>
<b>Local Revenues</b>							
Local Match (capital)	\$ 136,860	\$ 21,700	\$ 11,000	\$ 1,000	\$ 1,000	\$ 35,842	\$ 207,402
Local Match (operating)	\$ 546,656	\$ 576,608	\$ 608,058	\$ 641,080	\$ 675,754	\$ 712,161	\$ 3,760,316
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 308,336
<b>Subtotal</b>	<b>\$ 735,905</b>	<b>\$ 650,697</b>	<b>\$ 671,447</b>	<b>\$ 694,469</b>	<b>\$ 729,143</b>	<b>\$ 800,393</b>	<b>\$ 4,282,054</b>
<b>TOTAL REVENUES</b>	<b>\$ 1,283,345</b>	<b>\$ 737,497</b>	<b>\$ 715,447</b>	<b>\$ 698,469</b>	<b>\$ 733,143</b>	<b>\$ 943,763</b>	<b>\$ 5,111,664</b>
<i>Source: LSC, 2007.</i>							

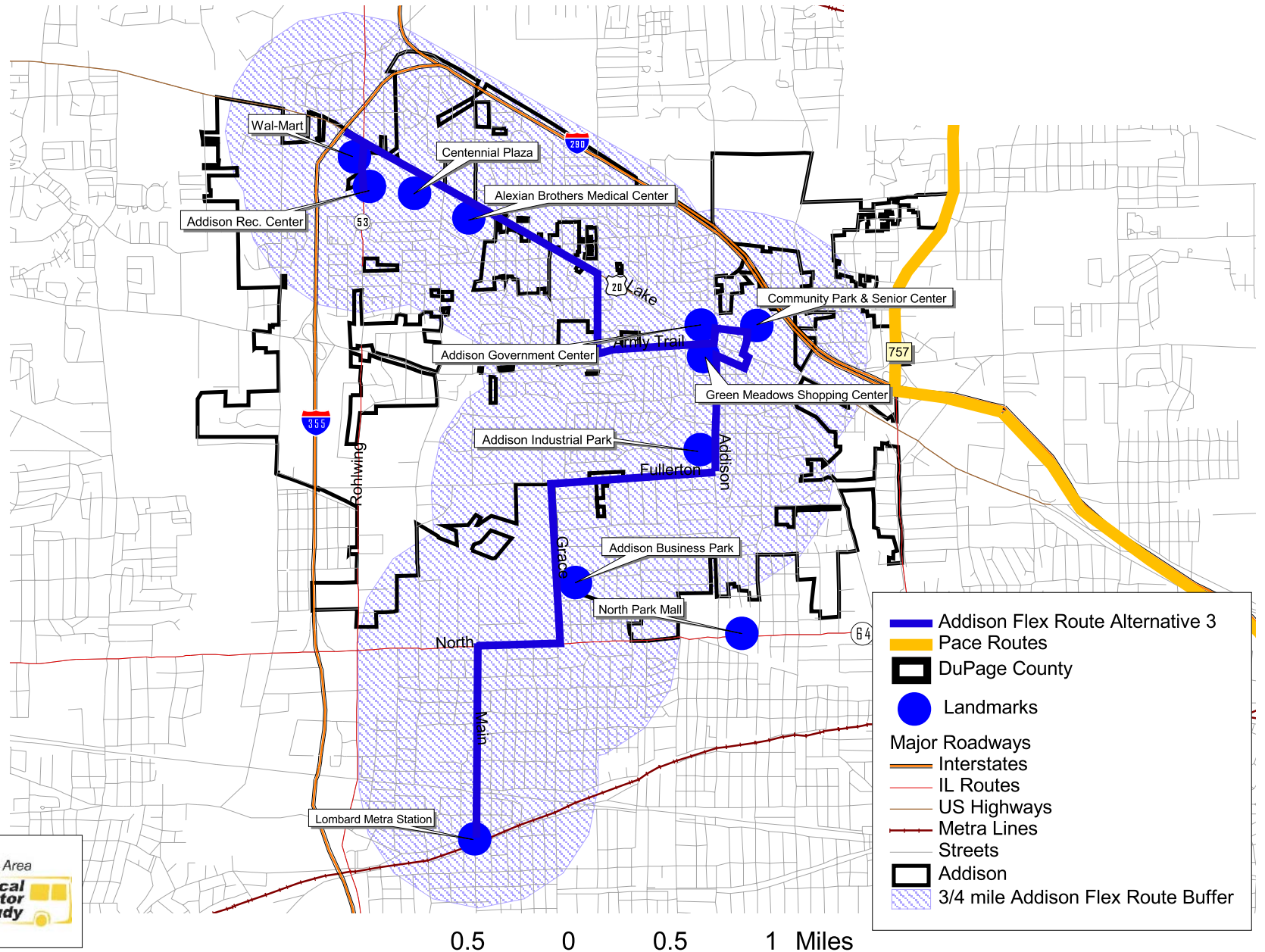


### **ALTERNATIVE 3**

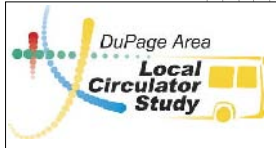
The Planning Team developed this alternative to serve the Lombard Metra station instead of the Villa Park station. Similar to Alternative 2, customers commuting to work each day can take the bus to Metra and Pace stations, with customers working in Addison having frequent bus service during traditional work starting and ending times. During the midday, scheduled service will be available for seniors and those who work at part-time jobs or jobs that do not begin and end at traditional times. The evening service allows seniors to attend evening meetings or go shopping with ease and safety as well as allowing transit-dependent individuals the ability to shop or go to evening jobs or attend evening classes. A summary comparison of all alternatives is provided in Table III-17 at the end of this chapter.

Starting at the Wal-Mart on North Rohlwing Road, the proposed route-deviation route will travel east on Lake Street to Mill Road. It will turn right on Mill to Army Trail Boulevard. The route will travel east on Army Trail Boulevard to JFK Boulevard and turn left. It will turn right on Addison to East Oak Street to serve the Addison Community Center, then return via East Oak Street to Addison Road where it will proceed south to Fullerton, then turn left and proceed west to Grace and turn west on North Street to Main Street. The route then proceeds south on Main to the Lombard Metra station. The route then reverses itself. Alternative 3 is depicted in Figure III-3.

Figure III-3  
Addison Circulator Route - Alternative 3



- Addison Flex Route Alternative 3
- Pace Routes
- DuPage County
- Landmarks
- Major Roadways
- Interstates
- IL Routes
- US Highways
- Metra Lines
- Streets
- Addison
- 3/4 mile Addison Flex Route Buffer



This map produced by LSC Transportation Consultants, Inc.

Landmarks are shown for orientation purposes only. Service is not limited to - and may not include - landmarks shown on this map.

## *Service Alternatives*

The basic concept of this route is to serve the elderly and disabled as well as to provide transportation for lower-income individuals to get to shopping, health care, and employment and all individuals the ability to commute outside of Addison. Having the route go to the Lombard Metra station will make available Pace routes and commuter rail that could be used to commute into Chicago or other locations.

The Planning Team proposes that the service operate from 6:00 a.m. to 10:00 p.m. Monday through Friday with weekend service operating from 8:00 a.m. to 10:00 p.m. The service should not operate on major holidays. It is estimated that the Alternative 3 route will carry 74,000 passenger-trips per year with an estimated productivity rate of 11 passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour.

The Planning Team also proposes that the service operate on a 30-minute frequency of service during peak weekday hours (6:00 a.m.-9:00 a.m. and 3:00 p.m.-6:00 p.m.) with hourly service at off-peak times and on weekends. The round-trip time is 90 minutes on the weekday service which will necessitate the need for a more sophisticated run-cut. Table III-7 shows the weekday service schedule, and Table III-8 depicts the weekend schedule.

**Table III-7  
Addison Circulator Schedule, Alternative 3, Weekday Service**

Runs	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	Fullerton and Grace	Grace and North	North and Main	Lombard Metra Station	Depart Lombard Metra Station	North and Main	Grace and North	Fullerton and Grace	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	5:55 AM	5:58 AM	6:02 AM	6:05 AM	6:11 AM	6:11 AM	6:13 AM	6:16 AM	6:17 AM	6:23 AM	6:28 AM	6:31 AM	6:37 AM	6:42 AM	6:49 AM	6:51 AM	6:57 AM	7:03 AM	7:04 AM	7:07 AM	7:09 AM	7:09 AM	7:14 AM	7:18 AM	7:21 AM	7:24 AM
2	6:25 AM	6:28 AM	6:32 AM	6:35 AM	6:41 AM	6:41 AM	6:43 AM	6:46 AM	6:47 AM	6:53 AM	6:58 AM	7:01 AM	7:07 AM	7:12 AM	7:19 AM	7:21 AM	7:27 AM	7:33 AM	7:34 AM	7:37 AM	7:39 AM	7:39 AM	7:44 AM	7:48 AM	7:51 AM	7:54 AM
3	6:55 AM	6:58 AM	7:02 AM	7:05 AM	7:11 AM	7:11 AM	7:13 AM	7:16 AM	7:17 AM	7:23 AM	7:28 AM	7:31 AM	7:37 AM	7:42 AM	7:49 AM	7:51 AM	7:57 AM	8:03 AM	8:04 AM	8:07 AM	8:09 AM	8:09 AM	8:14 AM	8:18 AM	8:21 AM	8:24 AM
4	7:25 AM	7:28 AM	7:32 AM	7:35 AM	7:41 AM	7:41 AM	7:43 AM	7:46 AM	7:47 AM	7:53 AM	7:58 AM	8:01 AM	8:07 AM	8:12 AM	8:19 AM	8:21 AM	8:27 AM	8:33 AM	8:34 AM	8:37 AM	8:39 AM	8:39 AM	8:44 AM	8:48 AM	8:51 AM	8:54 AM
5	7:55 AM	7:58 AM	8:02 AM	8:05 AM	8:11 AM	8:11 AM	8:13 AM	8:16 AM	8:17 AM	8:23 AM	8:28 AM	8:31 AM	8:37 AM	8:42 AM	8:49 AM	8:51 AM	8:57 AM	9:03 AM	9:04 AM	9:07 AM	9:09 AM	9:09 AM	9:14 AM	9:18 AM	9:21 AM	9:24 AM
6	8:25 AM	8:28 AM	8:32 AM	8:35 AM	8:41 AM	8:41 AM	8:43 AM	8:46 AM	8:47 AM	8:53 AM	8:58 AM	9:01 AM	9:07 AM	9:12 AM	9:19 AM	9:21 AM	9:27 AM	9:33 AM	9:34 AM	9:37 AM	9:39 AM	9:39 AM	9:44 AM	9:48 AM	9:51 AM	9:54 AM
7	8:55 AM	8:58 AM	9:02 AM	9:05 AM	9:11 AM	9:11 AM	9:13 AM	9:16 AM	9:17 AM	9:23 AM	9:28 AM	9:31 AM	9:37 AM	9:42 AM	9:49 AM	9:51 AM	9:57 AM	10:03 AM	10:04 AM	10:07 AM	10:09 AM	10:09 AM	10:14 AM	10:18 AM	10:21 AM	10:24 AM
8	9:55 AM	9:58 AM	10:02 AM	10:05 AM	10:11 AM	10:11 AM	10:13 AM	10:16 AM	10:17 AM	10:23 AM	10:28 AM	10:31 AM	10:37 AM	10:42 AM	10:49 AM	10:51 AM	10:57 AM	11:03 AM	11:04 AM	11:07 AM	11:09 AM	11:09 AM	11:14 AM	11:18 AM	11:22 AM	11:24 AM
9	10:55 AM	10:58 AM	11:02 AM	11:05 AM	11:11 AM	11:11 AM	11:13 AM	11:16 AM	11:17 AM	11:23 AM	11:28 AM	11:31 AM	11:37 AM	11:42 AM	11:49 AM	11:51 AM	11:57 AM	12:03 PM	12:04 PM	12:07 PM	12:09 PM	12:09 PM	12:14 PM	12:18 PM	12:22 PM	12:24 PM
10	11:55 AM	11:58 AM	12:02 PM	12:05 PM	12:11 PM	12:11 PM	12:13 PM	12:16 PM	12:17 PM	12:23 PM	12:28 PM	12:31 PM	12:37 PM	12:42 PM	12:49 PM	12:51 PM	12:57 PM	1:03 PM	1:04 PM	1:07 PM	1:09 PM	1:09 PM	1:14 PM	1:18 PM	1:22 PM	1:24 PM
11	12:55 PM	12:58 PM	1:02 PM	1:05 PM	1:11 PM	1:11 PM	1:13 PM	1:16 PM	1:17 PM	1:23 PM	1:28 PM	1:31 PM	1:37 PM	1:42 PM	1:49 PM	1:51 PM	1:57 PM	2:03 PM	2:04 PM	2:07 PM	2:09 PM	2:09 PM	2:14 PM	2:18 PM	2:22 PM	2:24 PM
12	1:55 PM	1:58 PM	2:02 PM	2:05 PM	2:11 PM	2:11 PM	2:13 PM	2:16 PM	2:17 PM	2:23 PM	2:28 PM	2:31 PM	2:37 PM	2:42 PM	2:49 PM	2:51 PM	2:57 PM	3:03 PM	3:04 PM	3:07 PM	3:09 PM	3:09 PM	3:14 PM	3:18 PM	3:22 PM	3:24 PM
13	2:55 PM	2:58 PM	3:02 PM	3:05 PM	3:11 PM	3:11 PM	3:13 PM	3:16 PM	3:17 PM	3:23 PM	3:28 PM	3:31 PM	3:37 PM	3:42 PM	3:49 PM	3:51 PM	3:57 PM	4:03 PM	4:04 PM	4:07 PM	4:09 PM	4:09 PM	4:14 PM	4:18 PM	4:22 PM	4:24 PM
14	3:25 PM	3:28 PM	3:32 PM	3:35 PM	3:41 PM	3:41 PM	3:43 PM	3:46 PM	3:47 PM	3:53 PM	3:58 PM	4:01 PM	4:07 PM	4:12 PM	4:19 PM	4:21 PM	4:27 PM	4:33 PM	4:34 PM	4:37 PM	4:39 PM	4:39 PM	4:44 PM	4:48 PM	4:51 PM	4:54 PM
15	3:55 PM	3:58 PM	4:02 PM	4:05 PM	4:11 PM	4:11 PM	4:13 PM	4:16 PM	4:17 PM	4:23 PM	4:28 PM	4:31 PM	4:37 PM	4:42 PM	4:49 PM	4:51 PM	4:57 PM	5:03 PM	5:04 PM	5:07 PM	5:09 PM	5:09 PM	5:14 PM	5:18 PM	5:21 PM	5:24 PM
16	4:25 PM	4:28 PM	4:32 PM	4:35 PM	4:41 PM	4:41 PM	4:43 PM	4:46 PM	4:47 PM	4:53 PM	4:58 PM	5:01 PM	5:07 PM	5:12 PM	5:19 PM	5:21 PM	5:27 PM	5:33 PM	5:34 PM	5:37 PM	5:39 PM	5:39 PM	5:44 PM	5:48 PM	5:51 PM	5:54 PM
17	4:55 PM	4:58 PM	5:02 PM	5:05 PM	5:11 PM	5:11 PM	5:13 PM	5:16 PM	5:17 PM	5:23 PM	5:28 PM	5:31 PM	5:37 PM	5:42 PM	5:49 PM	5:51 PM	5:57 PM	6:03 PM	6:04 PM	6:07 PM	6:09 PM	6:09 PM	6:14 PM	6:18 PM	6:21 PM	6:24 PM
18	5:25 PM	5:28 PM	5:32 PM	5:35 PM	5:41 PM	5:41 PM	5:43 PM	5:46 PM	5:47 PM	5:53 PM	5:58 PM	6:01 PM	6:07 PM	6:12 PM	6:19 PM	6:21 PM	6:27 PM	6:33 PM	6:34 PM	6:37 PM	6:39 PM	6:39 PM	6:44 PM	6:48 PM	6:51 PM	6:54 PM
19	5:55 PM	5:58 PM	6:02 PM	6:05 PM	6:11 PM	6:11 PM	6:13 PM	6:16 PM	6:17 PM	6:23 PM	6:28 PM	6:31 PM	6:37 PM	6:42 PM	6:49 PM	6:51 PM	6:57 PM	7:03 PM	7:04 PM	7:07 PM	7:09 PM	7:09 PM	7:14 PM	7:18 PM	7:21 PM	7:24 PM
20	6:55 PM	6:58 PM	7:02 PM	7:05 PM	7:11 PM	7:11 PM	7:13 PM	7:16 PM	7:17 PM	7:23 PM	7:28 PM	7:31 PM	7:37 PM	7:42 PM	7:49 PM	7:51 PM	7:57 PM	8:03 PM	8:04 PM	8:07 PM	8:09 PM	8:09 PM	8:14 PM	8:18 PM	8:21 PM	8:24 PM
21	7:55 PM	7:58 PM	8:02 PM	8:05 PM	8:11 PM	8:11 PM	8:13 PM	8:16 PM	8:17 PM	8:23 PM	8:28 PM	8:31 PM	8:37 PM	8:42 PM	8:49 PM	8:51 PM	8:57 PM	9:03 PM	9:04 PM	9:07 PM	9:09 PM	9:09 PM	9:14 PM	9:18 PM	9:22 PM	9:24 PM
22	8:55 PM	8:58 PM	9:02 PM	9:05 PM	9:11 PM	9:11 PM	9:13 PM	9:16 PM	9:17 PM	9:23 PM	9:28 PM	9:31 PM	9:37 PM	9:42 PM	9:49 PM	9:51 PM	9:57 PM	10:03 PM	10:04 PM	10:07 PM	10:09 PM	10:10 PM	10:14 PM	10:18 PM	10:22 PM	10:24 PM

Source: LSC, 2007.

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**Table III-8  
Addison Circulator Schedule, Alternative 3, Weekend Service**

Runs	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	Fullerton and Grace	Grace and North	North and Main	Lombard Metra Station	Depart Lombard Metra Station	North and Main	Grace and North	Fullerton and Grace	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	7:55 AM	7:58 AM	8:02 AM	8:05 AM	8:11 AM	8:11 AM	8:13 AM	8:16 AM	8:17 AM	8:23 AM	8:28 AM	8:31 AM	8:37 AM	8:42 AM	8:49 AM	8:51 AM	8:57 AM	9:03 AM	9:04 AM	9:07 AM	9:09 AM	9:09 AM	9:14 AM	9:18 AM	9:21 AM	9:24 AM
2	8:55 AM	8:58 AM	9:02 AM	9:05 AM	9:11 AM	9:11 AM	9:13 AM	9:16 AM	9:17 AM	9:23 AM	9:28 AM	9:31 AM	9:37 AM	9:42 AM	9:49 AM	9:51 AM	9:57 AM	10:03 AM	10:04 AM	10:07 AM	10:09 AM	10:09 AM	10:14 AM	10:18 AM	10:21 AM	10:24 AM
3	9:55 AM	9:58 AM	10:02 AM	10:05 AM	10:11 AM	10:11 AM	10:13 AM	10:16 AM	10:17 AM	10:23 AM	10:28 AM	10:31 AM	10:37 AM	10:42 AM	10:49 AM	10:51 AM	10:57 AM	11:03 AM	11:04 AM	11:07 AM	11:09 AM	11:09 AM	11:14 AM	11:18 AM	11:21 AM	11:24 AM
4	10:55 AM	10:58 AM	11:02 AM	11:05 AM	11:11 AM	11:11 AM	11:13 AM	11:16 AM	11:17 AM	11:23 AM	11:28 AM	11:31 AM	11:37 AM	11:42 AM	11:49 AM	11:51 AM	11:57 AM	12:03 PM	12:04 PM	12:07 PM	12:09 PM	12:09 PM	12:14 PM	12:18 PM	12:21 PM	12:24 PM
5	11:55 AM	11:58 AM	12:02 PM	12:05 PM	12:11 PM	12:11 PM	12:13 PM	12:16 PM	12:17 PM	12:23 PM	12:28 PM	12:31 PM	12:37 PM	12:42 PM	12:49 PM	12:51 PM	12:57 PM	1:03 PM	1:04 PM	1:07 PM	1:09 PM	1:09 PM	1:14 PM	1:18 PM	1:21 PM	1:24 PM
6	12:55 PM	12:58 PM	1:02 PM	1:05 PM	1:11 PM	1:11 PM	1:13 PM	1:16 PM	1:17 PM	1:23 PM	1:28 PM	1:31 PM	1:37 PM	1:42 PM	1:49 PM	1:51 PM	1:57 PM	2:03 PM	2:04 PM	2:07 PM	2:09 PM	2:09 PM	2:14 PM	2:18 PM	2:21 PM	2:24 PM
7	1:55 PM	1:58 PM	2:02 PM	2:05 PM	2:11 PM	2:11 PM	2:13 PM	2:16 PM	2:17 PM	2:23 PM	2:28 PM	2:31 PM	2:37 PM	2:42 PM	2:49 PM	2:51 PM	2:57 PM	3:03 PM	3:04 PM	3:07 PM	3:09 PM	3:09 PM	3:14 PM	3:18 PM	3:21 PM	3:24 PM
8	2:55 PM	2:58 PM	3:02 PM	3:05 PM	3:11 PM	3:11 PM	3:13 PM	3:16 PM	3:17 PM	3:23 PM	3:28 PM	3:31 PM	3:37 PM	3:42 PM	3:49 PM	3:51 PM	3:57 PM	4:03 PM	4:04 PM	4:07 PM	4:09 PM	4:09 PM	4:14 PM	4:18 PM	4:21 PM	4:24 PM
9	3:55 PM	3:58 PM	4:02 PM	4:05 PM	4:11 PM	4:11 PM	4:13 PM	4:16 PM	4:17 PM	4:23 PM	4:28 PM	4:31 PM	4:37 PM	4:42 PM	4:49 PM	4:51 PM	4:57 PM	5:03 PM	5:04 PM	5:07 PM	5:09 PM	5:09 PM	5:14 PM	5:18 PM	5:21 PM	5:24 PM
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11	5:55 PM	5:58 PM	6:02 PM	6:05 PM	6:11 PM	6:11 PM	6:13 PM	6:16 PM	6:17 PM	6:23 PM	6:28 PM	6:31 PM	6:37 PM	6:42 PM	6:49 PM	6:51 PM	6:57 PM	7:03 PM	7:04 PM	7:07 PM	7:09 PM	7:09 PM	7:14 PM	7:18 PM	7:21 PM	7:24 PM
12	6:55 PM	6:58 PM	7:02 PM	7:05 PM	7:11 PM	7:11 PM	7:13 PM	7:16 PM	7:17 PM	7:23 PM	7:28 PM	7:31 PM	7:37 PM	7:42 PM	7:49 PM	7:51 PM	7:57 PM	8:03 PM	8:04 PM	8:07 PM	8:09 PM	8:09 PM	8:14 PM	8:18 PM	8:21 PM	8:24 PM
13	7:55 PM	7:58 PM	8:02 PM	8:05 PM	8:11 PM	8:11 PM	8:13 PM	8:16 PM	8:17 PM	8:23 PM	8:28 PM	8:31 PM	8:37 PM	8:42 PM	8:49 PM	8:51 PM	8:57 PM	9:03 PM	9:04 PM	9:07 PM	9:09 PM	9:09 PM	9:14 PM	9:18 PM	9:21 PM	9:24 PM
14	8:55 PM	8:58 PM	9:02 PM	9:05 PM	9:11 PM	9:11 PM	9:13 PM	9:16 PM	9:17 PM	9:23 PM	9:28 PM	9:31 PM	9:37 PM	9:42 PM	9:49 PM	9:51 PM	9:57 PM	10:03 PM	10:04 PM	10:07 PM	10:09 PM	10:09 PM	10:14 PM	10:18 PM	10:21 PM	10:24 PM

Source: LSC, 2007.

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The estimated cost of operating and providing capital equipment for this alternative is \$1,475,000—\$782,000 for operating expenses and \$693,000 for buses and capital equipment. The capital costs are high in the first year due to the need to purchase new buses. This cost drops markedly after the first year of operation to \$939,000. The capital cost for buses provides enough funds to purchase four large body-on-chassis buses that meet Americans with Disabilities standards. These buses have a large enough capacity to carry 25 to 30 seated passengers yet are maneuverable enough to drive on residential streets. Bus bike racks are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-9.

Revenue is estimated to come from federal and local sources along with revenue generated by fares and advertising on the bus. Federal funding will need to be coordinated with RTA since they are the designated recipients of federal transit funds such as Federal Transit Administration Sections 5307 and 5309 funds. Fares have been based on a \$1.00 one-way fare with a discounted monthly pass for unlimited trips at \$30.

The major stops for this alternative will be:

1. Wal-Mart
2. Addison Recreational Center
3. Centennial Plaza
4. DuPage Health Department
5. Lake Mill Shopping Plaza
6. Green Meadows Shopping Center
7. Addison Village Government Center
8. Addison Senior Center
9. Addison Industrial Park
10. Lombard Industrial Park
11. Lombard Metra station

Bus stops should be improved as needed to provide a waiting area and passenger loading area meeting the requirements of the Americans with Disabilities Act. The stops should be accessible from the community pedestrian facilities. Improve-



## *Service Alternatives*

ments may include benches or shelters as appropriate based on passenger activity. A separate pedestrian facilities study is being conducted that will provide information on improvements that will be needed to support the circulator service.

**Table III-9  
Addison Transit Plan, 2009-2014 -- Alternative 3 (assumed 5% inflation)**

	2009	2010	2011	2012	2013	2014	Total
<b>EXPENSES</b>							
<b>OPERATING</b>							
Weekday Service	\$ 610,088	\$ 640,592	\$ 672,621	\$ 706,253	\$ 741,565	\$ 778,643	\$ 4,149,762
Weekend Service	\$ 157,300	\$ 165,165	\$ 173,423	\$ 182,094	\$ 191,199	\$ 200,759	\$ 1,069,941
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
<b>Subtotal</b>	<b>\$ 782,388</b>	<b>\$ 821,507</b>	<b>\$ 862,582</b>	<b>\$ 905,711</b>	<b>\$ 950,997</b>	<b>\$ 998,547</b>	<b>\$ 5,321,732</b>
<b>CAPITAL</b>							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,212	\$ 174,212
New Transit Buses (4)	\$ 546,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 546,000
Bus Bike Racks (4)	\$ 4,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,800
Transit Stop Improvements (60 stops)	\$ 112,500	\$ 112,500	\$ -	\$ -	\$ -	\$ -	\$ 225,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
<b>Subtotal</b>	<b>\$ 693,300</b>	<b>\$ 117,500</b>	<b>\$ 55,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 179,212</b>	<b>\$ 1,055,012</b>
<b>TOTAL EXPENSES</b>	<b>\$ 1,475,688</b>	<b>\$ 939,007</b>	<b>\$ 917,582</b>	<b>\$ 910,711</b>	<b>\$ 955,997</b>	<b>\$ 1,177,759</b>	<b>\$ 6,376,744</b>
<b>REVENUES</b>							
FTA 5307 Program (capital)	\$ 554,640	\$ 94,000	\$ 44,000	\$ 4,000	\$ 4,000	\$ 143,370	\$ 844,010
<b>Subtotal</b>	<b>\$ 554,640</b>	<b>\$ 94,000</b>	<b>\$ 44,000</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 143,370</b>	<b>\$ 844,010</b>
<b>Local Revenues</b>							
Local Match (capital)	\$ 138,660	\$ 23,500	\$ 11,000	\$ 1,000	\$ 1,000	\$ 35,842	\$ 211,002
Local Match (operating)	\$ 729,998	\$ 769,118	\$ 810,193	\$ 853,322	\$ 898,608	\$ 946,157	\$ 5,007,396
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 308,336
<b>Subtotal</b>	<b>\$ 921,048</b>	<b>\$ 845,007</b>	<b>\$ 873,582</b>	<b>\$ 906,711</b>	<b>\$ 951,997</b>	<b>\$ 1,034,389</b>	<b>\$ 5,532,734</b>
<b>TOTAL REVENUES</b>	<b>\$ 1,475,688</b>	<b>\$ 939,007</b>	<b>\$ 917,582</b>	<b>\$ 910,711</b>	<b>\$ 955,997</b>	<b>\$ 1,177,759</b>	<b>\$ 6,376,744</b>

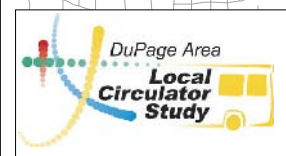
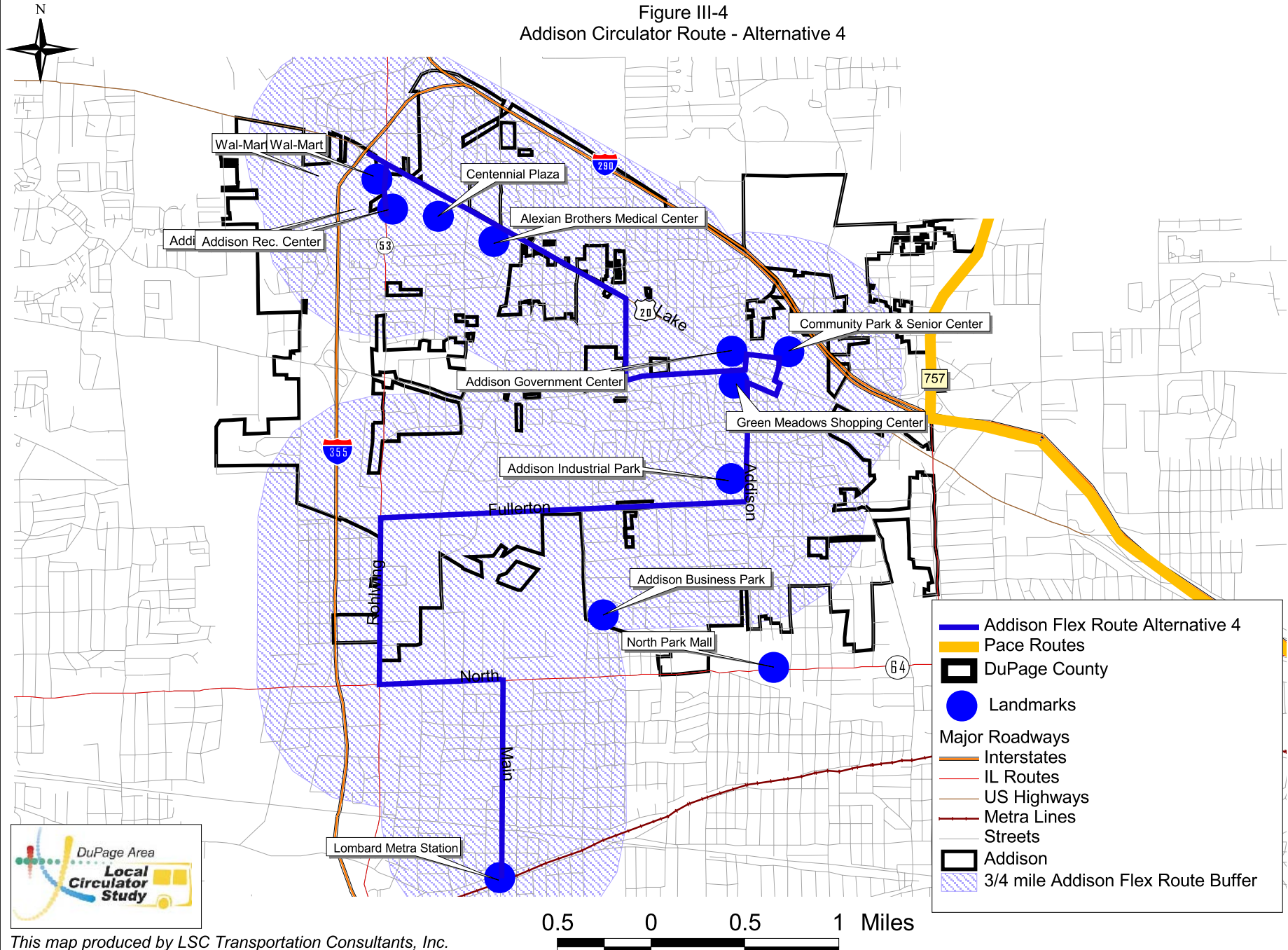
Source: LSC, 2007.

## **ALTERNATIVE 4**

The Planning Team developed this alternative to serve the Lombard Metra station instead of the Villa Park station. Similar to Alternative 3, customers commuting to work each day can take the bus to Metra and Pace stations, with customers working in Addison having frequent bus service during traditional work starting and ending times. The difference in this alternative from Alternative 3 is that the route will continue on Fullerton to Rohlwing Road instead of turning south on Grace. During the midday, scheduled service will be available for seniors and those who work at part-time jobs or jobs that do not begin and end at traditional times. The evening service allows seniors to attend evening meetings or go shopping with ease and safety as well as allowing transit-dependent individuals the ability to shop or go to evening jobs or attend evening classes. A summary comparison of all alternatives is provided in Table III-17 at the end of this chapter.

Starting at the Wal-Mart on North Rohlwing Road, the proposed route-deviation route will travel east on Lake Street to Mill Road. It will turn right on Mill to Army Trail Boulevard. The route will travel east on Army Trail Boulevard to JFK Boulevard and turn left. It will turn right on Addison to East Oak Street to serve the Addison Community Center, then return via East Oak Street to Addison Road where it will proceed south to Fullerton, then turn left and proceed west to Rohlwing and turn east on North Street to Main Street. The route then proceeds south on Main to the Lombard Metra station. The route then reverses itself. Alternative 4 is depicted in Figure III-4.

Figure III-4  
Addison Circulator Route - Alternative 4



This map produced by LSC Transportation Consultants, Inc.

## *Service Alternatives*

The basic concept of this route is to serve the elderly and disabled as well as to provide transportation for lower-income individuals to get to shopping, health care, and employment and for all individuals to have the ability to commute outside of Addison. Having the route go to the Lombard Metra station will make available Pace routes and commuter rail that could be used to commute into Chicago or other locations.

The Planning Team proposes that the service operate from 6:00 a.m. to 10:00 p.m. Monday through Friday with weekend service operating from 8:00 a.m. to 10:00 p.m. The service should not operate on major holidays. It is estimated that the Alternative 4 route will carry 75,000 passenger-trips per year with an estimated productivity rate of 12 passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour

The Planning Team also proposes that the service operate on a 30-minute frequency of service during peak weekday hours (6:00 a.m.-9:00 a.m. and 3:00 p.m.-6:00 p.m.) with hourly service at off-peak times and on weekends. The round-trip time is 120 minutes on the weekday service which will necessitate the need for a more sophisticated run-cut. Table III-10 shows the weekday service schedule, and Table III-11 depicts the weekend schedule.

**Table III-10  
Addison Circulator Schedule, Alternative 4, Weekday Service**

Runs	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	Fullerton and Grace	Fullerton and Rohlwing	North and Main	Lombard Metra Station	Depart Lombard Metra Station	North and Main	Fullerton and Rohlwing	Fullerton and Grace	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	5:55 AM	5:58 AM	6:02 AM	6:06 AM	6:11 AM	6:11 AM	6:14 AM	6:17 AM	6:18 AM	6:24 AM	6:30 AM	6:39 AM	6:46 AM	6:50 AM	6:57 AM	7:06 AM	7:12 AM	7:18 AM	7:19 AM	7:22 AM	7:25 AM	7:25 AM	7:30 AM	7:34 AM	7:38 AM	7:41 AM
2	6:25 AM	6:28 AM	6:32 AM	6:36 AM	6:41 AM	6:41 AM	6:44 AM	6:47 AM	6:48 AM	6:54 AM	7:00 AM	7:09 AM	7:16 AM	7:20 AM	7:27 AM	7:36 AM	7:42 AM	7:48 AM	7:49 AM	7:52 AM	7:55 AM	7:55 AM	8:00 AM	8:04 AM	8:08 AM	8:11 AM
3	6:55 AM	6:58 AM	7:02 AM	7:06 AM	7:11 AM	7:11 AM	7:14 AM	7:17 AM	7:18 AM	7:24 AM	7:30 AM	7:39 AM	7:46 AM	7:50 AM	7:57 AM	8:06 AM	8:12 AM	8:18 AM	8:19 AM	8:22 AM	8:25 AM	8:25 AM	8:30 AM	8:34 AM	8:38 AM	8:41 AM
4	7:25 AM	7:28 AM	7:32 AM	7:36 AM	7:41 AM	7:41 AM	7:44 AM	7:47 AM	7:48 AM	7:54 AM	8:00 AM	8:09 AM	8:16 AM	8:20 AM	8:27 AM	8:36 AM	8:42 AM	8:48 AM	8:49 AM	8:52 AM	8:55 AM	8:55 AM	9:00 AM	9:04 AM	9:08 AM	9:11 AM
5	7:55 AM	7:58 AM	8:02 AM	8:06 AM	8:11 AM	8:11 AM	8:14 AM	8:17 AM	8:18 AM	8:24 AM	8:30 AM	8:39 AM	8:46 AM	8:50 AM	8:57 AM	9:06 AM	9:12 AM	9:18 AM	9:19 AM	9:22 AM	9:25 AM	9:25 AM	9:30 AM	9:34 AM	9:38 AM	9:41 AM
6	8:25 AM	8:28 AM	8:32 AM	8:36 AM	8:41 AM	8:41 AM	8:44 AM	8:47 AM	8:48 AM	8:54 AM	9:00 AM	9:09 AM	9:16 AM	9:20 AM	9:27 AM	9:36 AM	9:42 AM	9:48 AM	9:49 AM	9:52 AM	9:55 AM	9:55 AM	10:00 AM	10:04 AM	10:08 AM	10:11 AM
7	8:55 AM	8:58 AM	9:02 AM	9:06 AM	9:11 AM	9:11 AM	9:14 AM	9:17 AM	9:18 AM	9:24 AM	9:30 AM	9:39 AM	9:46 AM	9:50 AM	9:57 AM	10:06 AM	10:12 AM	10:18 AM	10:19 AM	10:22 AM	10:25 AM	10:25 AM	10:30 AM	10:34 AM	10:38 AM	10:41 AM
8	9:55 AM	9:58 AM	10:02 AM	10:06 AM	10:11 AM	10:11 AM	10:14 AM	10:17 AM	10:18 AM	10:24 AM	10:30 AM	10:39 AM	10:46 AM	10:50 AM	10:57 AM	11:06 AM	11:12 AM	11:18 AM	11:19 AM	11:22 AM	11:25 AM	11:25 AM	11:30 AM	11:34 AM	11:38 AM	11:41 AM
9	10:55 AM	10:58 AM	11:02 AM	11:06 AM	11:11 AM	11:11 AM	11:14 AM	11:17 AM	11:18 AM	11:24 AM	11:30 AM	11:39 AM	11:46 AM	11:50 AM	11:57 AM	12:06 PM	12:12 PM	12:18 PM	12:19 PM	12:22 PM	12:25 PM	12:25 PM	12:30 PM	12:34 PM	12:38 PM	12:41 PM
10	11:55 AM	11:58 AM	12:02 PM	12:06 PM	12:11 PM	12:11 PM	12:14 PM	12:17 PM	12:18 PM	12:24 PM	12:30 PM	12:39 PM	12:46 PM	12:50 PM	12:57 PM	1:06 PM	1:12 PM	1:18 PM	1:19 PM	1:22 PM	1:25 PM	1:25 PM	1:30 PM	1:34 PM	1:38 PM	1:41 PM
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14	3:25 PM	3:28 PM	3:32 PM	3:36 PM	3:41 PM	3:41 PM	3:44 PM	3:47 PM	3:48 PM	3:54 PM	4:00 PM	4:09 PM	4:16 PM	4:21 PM	4:28 PM	4:37 PM	4:43 PM	4:49 PM	4:50 PM	4:53 PM	4:56 PM	4:56 PM	5:01 PM	5:05 PM	5:09 PM	5:12 PM
15	3:55 PM	3:58 PM	4:02 PM	4:06 PM	4:11 PM	4:11 PM	4:14 PM	4:17 PM	4:18 PM	4:24 PM	4:30 PM	4:39 PM	4:46 PM	4:51 PM	4:58 PM	5:07 PM	5:13 PM	5:19 PM	5:20 PM	5:23 PM	5:26 PM	5:26 PM	5:31 PM	5:35 PM	5:39 PM	5:42 PM
16	4:25 PM	4:28 PM	4:32 PM	4:36 PM	4:41 PM	4:41 PM	4:44 PM	4:47 PM	4:48 PM	4:54 PM	5:00 PM	5:09 PM	5:16 PM	5:21 PM	5:28 PM	5:37 PM	5:43 PM	5:49 PM	5:50 PM	5:53 PM	5:56 PM	5:56 PM	6:01 PM	6:05 PM	6:09 PM	6:12 PM
17	4:55 PM	4:58 PM	5:02 PM	5:06 PM	5:11 PM	5:11 PM	5:14 PM	5:17 PM	5:18 PM	5:24 PM	5:30 PM	5:39 PM	5:46 PM	5:51 PM	5:58 PM	6:07 PM	6:13 PM	6:19 PM	6:20 PM	6:23 PM	6:26 PM	6:26 PM	6:31 PM	6:35 PM	6:39 PM	6:42 PM
18	5:25 PM	5:28 PM	5:32 PM	5:36 PM	5:41 PM	5:41 PM	5:44 PM	5:47 PM	5:48 PM	5:54 PM	6:00 PM	6:09 PM	6:16 PM	6:21 PM	6:28 PM	6:37 PM	6:43 PM	6:49 PM	6:50 PM	6:53 PM	6:56 PM	6:56 PM	7:01 PM	7:05 PM	7:09 PM	7:12 PM
19	5:55 PM	5:58 PM	6:02 PM	6:06 PM	6:11 PM	6:11 PM	6:14 PM	6:17 PM	6:18 PM	6:24 PM	6:30 PM	6:39 PM	6:46 PM	6:51 PM	6:58 PM	7:07 PM	7:13 PM	7:19 PM	7:20 PM	7:23 PM	7:26 PM	7:26 PM	7:31 PM	7:35 PM	7:39 PM	7:42 PM
20	6:55 PM	6:58 PM	7:02 PM	7:06 PM	7:11 PM	7:11 PM	7:14 PM	7:17 PM	7:18 PM	7:24 PM	7:30 PM	7:39 PM	7:46 PM	7:50 PM	7:57 PM	8:06 PM	8:12 PM	8:18 PM	8:19 PM	8:22 PM	8:25 PM	8:25 PM	8:30 PM	8:34 PM	8:38 PM	8:41 PM
21	7:55 PM	7:58 PM	8:02 PM	8:06 PM	8:11 PM	8:11 PM	8:14 PM	8:17 PM	8:18 PM	8:24 PM	8:30 PM	8:39 PM	8:46 PM	8:50 PM	8:57 PM	9:06 PM	9:12 PM	9:18 PM	9:19 PM	9:22 PM	9:25 PM	9:25 PM	9:30 PM	9:34 PM	9:38 PM	9:41 PM
22	8:55 PM	8:58 PM	9:02 PM	9:06 PM	9:11 PM	9:11 PM	9:14 PM	9:17 PM	9:18 PM	9:24 PM	9:30 PM	9:39 PM	9:46 PM	9:50 PM	9:57 PM	10:06 PM	10:12 PM	10:18 PM	10:19 PM	10:22 PM	10:25 PM	10:25 PM	10:30 PM	10:34 PM	10:38 PM	10:41 PM

Source: LSC, 2007.

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**Table III-11  
Addison Circulator Schedule, Alternative 4, Weekend Service**

Runs	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	Fullerton and Grace	Fullerton and Rohlwing	North and Main	Lombard Metra Station	Depart Lombard Metra Station	North and Main	Fullerton and Rohlwing	Fullerton and Grace	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	5:55 AM	5:58 AM	6:02 AM	6:06 AM	6:11 AM	6:11 AM	6:14 AM	6:17 AM	6:18 AM	6:24 AM	6:30 AM	6:39 AM	6:46 AM	6:50 AM	6:57 AM	7:06 AM	7:12 AM	7:18 AM	7:19 AM	7:22 AM	7:25 AM	7:25 AM	7:30 AM	7:34 AM	7:38 AM	7:41 AM
2	6:55 AM	6:58 AM	7:02 AM	7:06 AM	7:11 AM	7:11 AM	7:14 AM	7:17 AM	7:18 AM	7:24 AM	7:30 AM	7:39 AM	7:46 AM	7:50 AM	7:57 AM	8:06 AM	8:12 AM	8:18 AM	8:19 AM	8:22 AM	8:25 AM	8:25 AM	8:30 AM	8:34 AM	8:38 AM	8:41 AM
3	7:55 AM	7:58 AM	8:02 AM	8:06 AM	8:11 AM	8:11 AM	8:14 AM	8:17 AM	8:18 AM	8:24 AM	8:30 AM	8:39 AM	8:46 AM	8:50 AM	8:57 AM	9:06 AM	9:12 AM	9:18 AM	9:19 AM	9:22 AM	9:25 AM	9:25 AM	9:30 AM	9:34 AM	9:38 AM	9:41 AM
4	8:55 AM	8:58 AM	9:02 AM	9:06 AM	9:11 AM	9:11 AM	9:14 AM	9:17 AM	9:18 AM	9:24 AM	9:30 AM	9:39 AM	9:46 AM	9:50 AM	9:57 AM	10:06 AM	10:12 AM	10:18 AM	10:19 AM	10:22 AM	10:25 AM	10:25 AM	10:30 AM	10:34 AM	10:38 AM	10:41 AM
5	9:55 AM	9:58 AM	10:02 AM	10:06 AM	10:11 AM	10:11 AM	10:14 AM	10:17 AM	10:18 AM	10:24 AM	10:30 AM	10:39 AM	10:46 AM	10:50 AM	10:57 AM	11:06 AM	11:12 AM	11:18 AM	11:19 AM	11:22 AM	11:25 AM	11:25 AM	11:30 AM	11:34 AM	11:38 AM	11:41 AM
6	10:55 AM	10:58 AM	11:02 AM	11:06 AM	11:11 AM	11:11 AM	11:14 AM	11:17 AM	11:18 AM	11:24 AM	11:30 AM	11:39 AM	11:46 AM	11:50 AM	11:57 AM	12:06 PM	12:12 PM	12:18 PM	12:19 PM	12:22 PM	12:25 PM	12:25 PM	12:30 PM	12:34 PM	12:38 PM	12:41 PM
7	11:55 AM	11:58 AM	12:02 PM	12:06 PM	12:11 PM	12:11 PM	12:14 PM	12:17 PM	12:18 PM	12:24 PM	12:30 PM	12:39 PM	12:46 PM	12:50 PM	12:57 PM	1:06 PM	1:12 PM	1:18 PM	1:19 PM	1:22 PM	1:25 PM	1:25 PM	1:30 PM	1:34 PM	1:38 PM	1:41 PM
8	12:55 PM	12:58 PM	1:02 PM	1:06 PM	1:11 PM	1:11 PM	1:14 PM	1:17 PM	1:18 PM	1:24 PM	1:30 PM	1:39 PM	1:46 PM	1:50 PM	1:57 PM	2:06 PM	2:12 PM	2:18 PM	2:19 PM	2:22 PM	2:25 PM	2:25 PM	2:30 PM	2:34 PM	2:38 PM	2:41 PM
9	1:55 PM	1:58 PM	2:02 PM	2:06 PM	2:11 PM	2:11 PM	2:14 PM	2:17 PM	2:18 PM	2:24 PM	2:30 PM	2:39 PM	2:46 PM	2:50 PM	2:57 PM	3:06 PM	3:12 PM	3:18 PM	3:19 PM	3:22 PM	3:25 PM	3:25 PM	3:30 PM	3:34 PM	3:38 PM	3:41 PM
10	2:55 PM	2:58 PM	3:02 PM	3:06 PM	3:11 PM	3:11 PM	3:14 PM	3:17 PM	3:18 PM	3:24 PM	3:30 PM	3:39 PM	3:46 PM	3:50 PM	3:57 PM	4:06 PM	4:12 PM	4:18 PM	4:19 PM	4:22 PM	4:25 PM	4:25 PM	4:30 PM	4:34 PM	4:38 PM	4:41 PM
11	3:55 PM	3:58 PM	4:02 PM	4:06 PM	4:11 PM	4:11 PM	4:14 PM	4:17 PM	4:18 PM	4:24 PM	4:30 PM	4:39 PM	4:46 PM	4:50 PM	4:57 PM	5:06 PM	5:12 PM	5:18 PM	5:19 PM	5:22 PM	5:25 PM	5:25 PM	5:30 PM	5:34 PM	5:38 PM	5:41 PM
12	4:55 PM	4:58 PM	5:02 PM	5:06 PM	5:11 PM	5:11 PM	5:14 PM	5:17 PM	5:18 PM	5:24 PM	5:30 PM	5:39 PM	5:46 PM	5:50 PM	5:57 PM	6:06 PM	6:12 PM	6:18 PM	6:19 PM	6:22 PM	6:25 PM	6:25 PM	6:30 PM	6:34 PM	6:38 PM	6:41 PM
13	5:55 PM	5:58 PM	6:02 PM	6:06 PM	6:11 PM	6:11 PM	6:14 PM	6:17 PM	6:18 PM	6:24 PM	6:30 PM	6:39 PM	6:46 PM	6:50 PM	6:57 PM	7:06 PM	7:12 PM	7:18 PM	7:19 PM	7:22 PM	7:25 PM	7:25 PM	7:30 PM	7:34 PM	7:38 PM	7:41 PM
14	6:55 PM	6:58 PM	7:02 PM	7:06 PM	7:11 PM	7:11 PM	7:14 PM	7:17 PM	7:18 PM	7:24 PM	7:30 PM	7:39 PM	7:46 PM	7:50 PM	7:57 PM	8:06 PM	8:12 PM	8:18 PM	8:19 PM	8:22 PM	8:25 PM	8:25 PM	8:30 PM	8:34 PM	8:38 PM	8:41 PM
15	7:55 PM	7:58 PM	8:02 PM	8:06 PM	8:11 PM	8:11 PM	8:14 PM	8:17 PM	8:18 PM	8:24 PM	8:30 PM	8:39 PM	8:46 PM	8:50 PM	8:57 PM	9:06 PM	9:12 PM	9:18 PM	9:19 PM	9:22 PM	9:25 PM	9:25 PM	9:30 PM	9:34 PM	9:38 PM	9:41 PM
16	8:55 PM	8:58 PM	9:02 PM	9:06 PM	9:11 PM	9:11 PM	9:14 PM	9:17 PM	9:18 PM	9:24 PM	9:30 PM	9:39 PM	9:46 PM	9:50 PM	9:57 PM	10:06 PM	10:12 PM	10:18 PM	10:19 PM	10:22 PM	10:25 PM	10:25 PM	10:30 PM	10:34 PM	10:38 PM	10:41 PM

Source: LSC, 2007.



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The estimated cost of operating and providing capital equipment for this alternative is \$1,653,000—\$815,000 for operating expenses and \$838,000 for buses and capital equipment. The capital costs are high in the first year due to the need to purchase new buses. This cost drops markedly after the first year of operation to \$981,000. The capital cost for buses provides enough funds to purchase five large body-on-chassis buses that meet Americans with Disabilities standards. These buses have a large enough capacity to carry 25 to 30 seated passengers yet are maneuverable enough to drive on residential streets. Bus bike racks are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-12.

Revenue is estimated to come from federal and local sources along with revenue generated by fares and advertising on the bus. Federal funding will need to be coordinated with RTA since they are the designated recipients of federal transit funds such as Federal Transit Administration Sections 5307 and 5309 funds. Fares have been based on a \$1.00 one-way fare with a discounted monthly pass for unlimited trips at \$30.

The major stops for this alternative will be:

1. Wal-Mart
2. Addison Recreational Center
3. Centennial Plaza
4. DuPage Health Department
5. Lake Mill Shopping Plaza
6. Green Meadows Shopping Center
7. Addison Village Government Center
8. Addison Senior Center
9. Northgate Plaza
10. Addison Industrial Park
11. Lombard Industrial Park
12. Lombard Metra station

Bus stops should be improved as needed to provide a waiting area and passenger loading area meeting the requirements of the Americans with Disabilities Act. The

## *Service Alternatives*

stops should be accessible from the community pedestrian facilities. Improvements may include benches or shelters as appropriate based on passenger activity. A separate pedestrian facilities study is being conducted that will provide information on improvements that will be needed to support the circulator service.

**Table III-12  
Addison Transit Plan, 2009-2014 -- Alternative 4 (assumed 5% inflation)**

<b>EXPENSES</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>OPERATING</b>							
Weekday Service	\$ 617,100	\$ 647,955	\$ 680,353	\$ 714,370	\$ 750,089	\$ 787,593	\$ 4,197,460
Weekend Service	\$ 183,040	\$ 192,192	\$ 201,802	\$ 211,892	\$ 222,486	\$ 233,611	\$ 1,245,022
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
<b>Subtotal</b>	<b>\$ 815,140</b>	<b>\$ 855,897</b>	<b>\$ 898,692</b>	<b>\$ 943,626</b>	<b>\$ 990,808</b>	<b>\$ 1,040,348</b>	<b>\$ 5,544,511</b>
<b>CAPITAL</b>							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,212	\$ 174,212
New Transit Buses (5)	\$ 682,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 682,500
Bus Bike Racks (5)	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000
Transit Stop Improvements (70 stops)	\$ 120,000	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
<b>Subtotal</b>	<b>\$ 838,500</b>	<b>\$ 125,000</b>	<b>\$ 55,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 179,212</b>	<b>\$ 1,207,712</b>
<b>TOTAL EXPENSES</b>	<b>\$ 1,653,640</b>	<b>\$ 980,897</b>	<b>\$ 953,692</b>	<b>\$ 948,626</b>	<b>\$ 995,808</b>	<b>\$ 1,219,561</b>	<b>\$ 6,752,224</b>
<b>REVENUES</b>							
FTA 5307 Program (capital)	\$ 670,800	\$ 100,000	\$ 44,000	\$ 4,000	\$ 4,000	\$ 143,370	\$ 966,170
<b>Subtotal</b>	<b>\$ 670,800</b>	<b>\$ 100,000</b>	<b>\$ 44,000</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 143,370</b>	<b>\$ 966,170</b>
<b>Local Revenues</b>							
Local Match (capital)	\$ 167,700	\$ 25,000	\$ 11,000	\$ 1,000	\$ 1,000	\$ 35,842	\$ 241,542
Local Match (operating)	\$ 762,751	\$ 803,508	\$ 846,303	\$ 891,237	\$ 938,418	\$ 987,959	\$ 5,230,175
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 308,336
<b>Subtotal</b>	<b>\$ 982,840</b>	<b>\$ 880,897</b>	<b>\$ 909,692</b>	<b>\$ 944,626</b>	<b>\$ 991,808</b>	<b>\$ 1,076,191</b>	<b>\$ 5,786,054</b>
<b>TOTAL REVENUES</b>	<b>\$ 1,653,640</b>	<b>\$ 980,897</b>	<b>\$ 953,692</b>	<b>\$ 948,626</b>	<b>\$ 995,808</b>	<b>\$ 1,219,561</b>	<b>\$ 6,752,224</b>

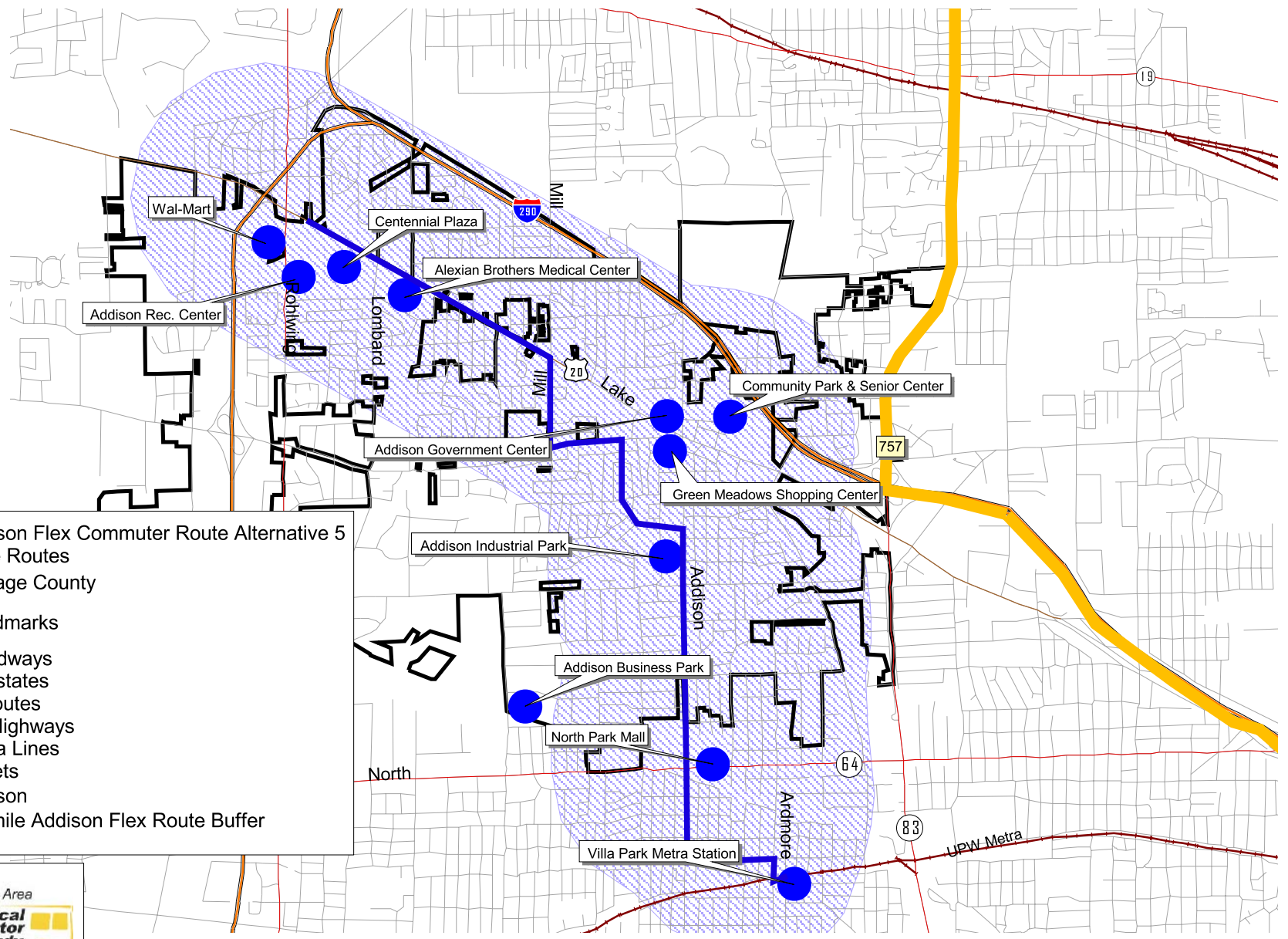
Source: LSC, 2007.

## **ALTERNATIVE 5**

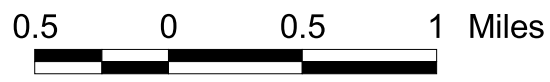
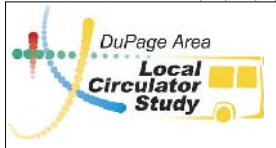
The Planning Team developed this alternative to offer a service that will meet the needs of commuters and local service customers. Previous alternatives for Addison have been designed using one route. This alternative has one route that operates during peak period service (6:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m.) and a second route that operates during off-peak times (9:01 a.m. to 2:59 p.m. and 7:01 p.m. to 10:00 p.m.). Customers commuting to work each day can take the bus to the Villa Park Metra station, with customers working in Addison having frequent bus service during traditional work starting and ending times. During midday, scheduled service will be available for seniors and those who work at part-time jobs or jobs that do not begin and end at traditional times. The evening service allows seniors to attend evening meetings or go shopping with ease and safety as well as allowing transit-dependent individuals the ability to shop or go to evening jobs or attend evening classes. A summary comparison of all alternatives is provided in Table III-17 at the end of this chapter.

The proposed commuter peak service route will start at Centennial Plaza and will travel east on Lake Street to Mill Road. It will turn right on Mill to Army Trail Boulevard. The route will travel east on Army Trail Boulevard to South Lincoln Avenue and turn right. The bus will travel south on Lincoln to Addison Road and turn right where it will proceed south to West Vermont Street where it turns left. The route continues on West Vermont Street to North Beverly, turning right and terminating service at the Villa Park Metra station. The route then reverses itself. Alternative 5-commuter is depicted in Figure III-5. This commuter route is a more streamlined route that will provide quick and convenient service to Addison businesses, the Addison Industrial Park and commuters throughout the region via Metra commuter rail.

Figure III-5  
Addison Commuter Route - Alternative 5



- Addison Flex Commuter Route Alternative 5
- Pace Routes
- DuPage County
- Landmarks
- Major Roadways**
- Interstates
- IL Routes
- US Highways
- Metra Lines
- Streets
- Addison
- 3/4 mile Addison Flex Route Buffer



This map produced by LSC Transportation Consultants, Inc.

Landmarks are shown for orientation purposes only. Service is not limited to - and may not include - landmarks shown on this map.

## *Service Alternatives*

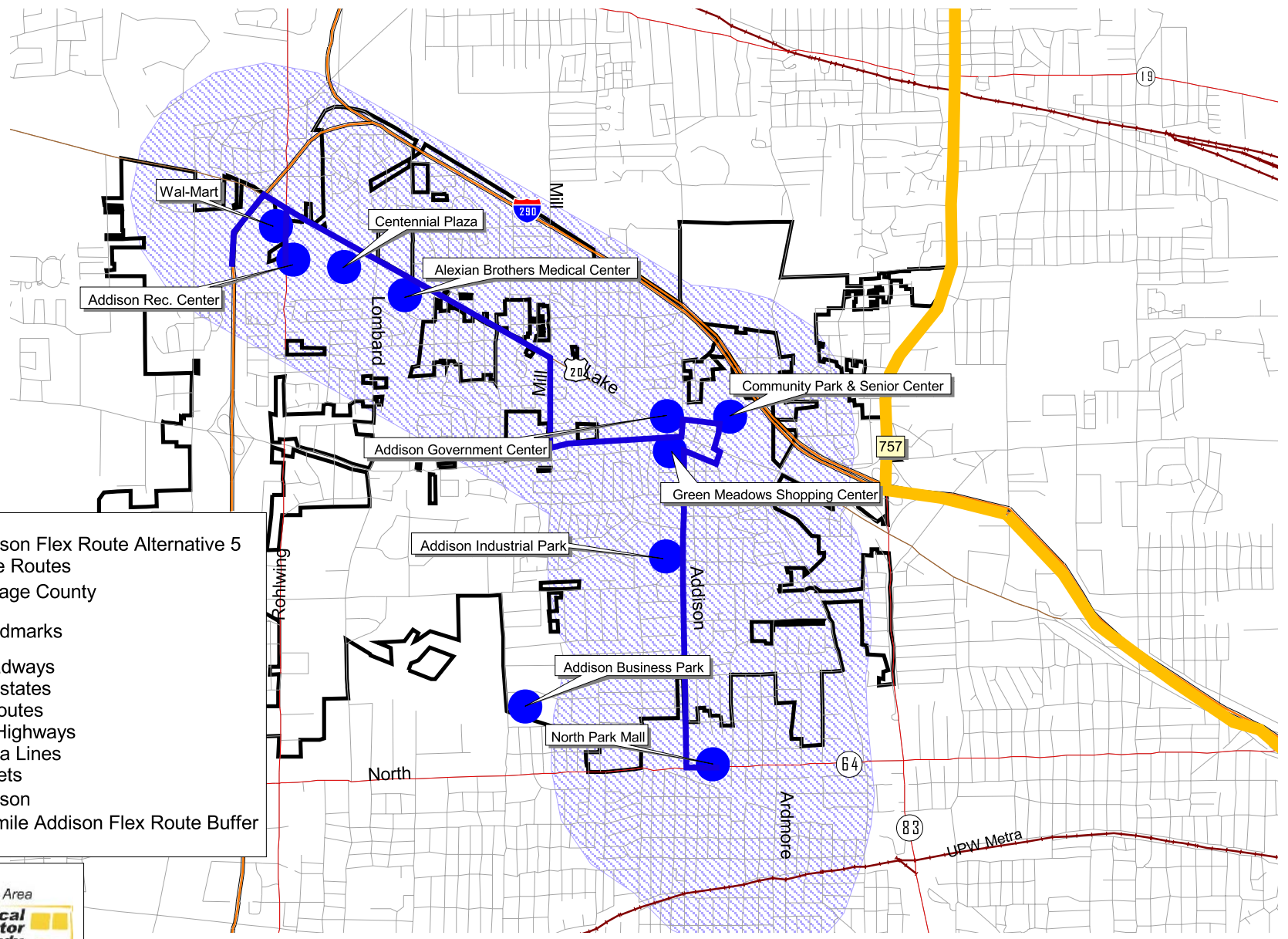
The proposed off-peak route will begin at the Wal-Mart Shopping Center where it will turn right and proceed on Rohlwing to the Addison Recreational Center. The bus will then turn right onto Rohlwing to Lake Street where it will travel east serving Centennial Plaza, the DuPage County Health Center and various other businesses on Lake until the bus reaches Mill Road. It will turn right on Mill to Army Trail Boulevard. The route will travel east on Army Trail Boulevard to JFK Drive and turn left then turn right on Lake. It will turn left on Addison to East Oak Street to serve the Addison Community Center, then return via East Oak Street to Addison Road. On Addison Road the bus will travel south past the Addison Industrial Park to the North Park Mall. The route then reverses itself. Alternative V-circulator is shown in Figure III-6. This route is a more traditional circulator route that is designed to provide local trips only. This off-peak route is also the proposed route for weekend service.

The basic concept of this route structure is to serve the elderly and disabled during off-peak hours as well as to provide transportation for lower-income individuals to get to shopping, health care, and employment and would provide all individuals the ability to commute outside of Addison during peak-hour service.

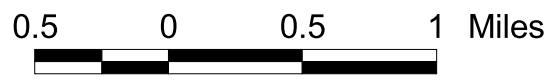
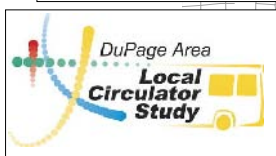
The Planning Team proposes that the service operate from 6:00 a.m. to 10:00 p.m. Monday through Friday with weekend service operating from 8:00 a.m. to 10:00 p.m. The service should not operate on major holidays. It is estimated that Alternative 5 will provide 61,000 passenger-trips per year with an estimated productivity rate of 10 passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour.

The Planning Team also proposes that the service operate on a 30-minute frequency of service during peak weekday hours (6:00 a.m. to 9:00 a.m. and 3:00 p.m. to 6:00 p.m.) with hourly service at off-peak times and on weekends. Table III-13 shows the weekday service schedule and Table III-14 depicts the weekend schedule.

Figure III-6  
Addison Circulator Route - Alternative 5



- Addison Flex Route Alternative 5
- Pace Routes
- DuPage County
- Landmarks
- Major Roadways**
- Interstates
- IL Routes
- US Highways
- Metra Lines
- Streets
- Addison
- 3/4 mile Addison Flex Route Buffer



This map produced by LSC Transportation Consultants, Inc.



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**Table III-13  
Addison Circulator Schedule, Alternative 5, Weekday Service**

Runs	Bus	Wal-Mart	Centennial Plaza	Health Department	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	ArriveVilla Park Metra Station	DepartVilla Park Metra Station	North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Department	Centennial Plaza	Wal-Mart
1	1	-	5:30 AM	5:34 AM	5:38 AM	5:41 AM	-	-	5:45 AM	5:47 AM	5:53 AM	6:00 AM	6:05 AM	6:13 AM	6:18 AM	6:20 AM	-	-	6:24 AM	6:28 AM	6:32 AM	6:36 AM	-
2	2	-	6:00 AM	6:04 AM	6:08 AM	6:11 AM	-	-	6:15 AM	6:17 AM	6:23 AM	6:30 AM	6:35 AM	6:43 AM	6:48 AM	6:50 AM	-	-	6:54 AM	7:02 AM	7:05 AM	7:07 AM	-
3	3	-	6:30 AM	6:34 AM	6:38 AM	6:41 AM	-	-	6:45 AM	6:47 AM	6:53 AM	7:00 AM	7:05 AM	7:13 AM	7:18 AM	7:20 AM	-	-	7:24 AM	7:32 AM	7:35 AM	7:37 AM	-
4	1	-	7:00 AM	7:04 AM	7:08 AM	7:11 AM	-	-	7:15 AM	7:17 AM	7:23 AM	7:30 AM	7:35 AM	7:43 AM	7:48 AM	7:50 AM	-	-	7:54 AM	8:02 AM	8:05 AM	8:07 AM	-
5	2	-	7:30 AM	7:34 AM	7:38 AM	7:41 AM	-	-	7:45 AM	7:47 AM	7:53 AM	8:00 AM	8:05 AM	8:13 AM	8:18 AM	8:20 AM	-	-	8:24 AM	8:32 AM	8:35 AM	8:37 AM	-
6	3	-	8:00 AM	8:04 AM	8:08 AM	8:11 AM	-	-	8:15 AM	8:17 AM	8:23 AM	8:30 AM	8:35 AM	8:43 AM	8:48 AM	8:50 AM	-	-	8:54 AM	9:02 AM	9:05 AM	9:07 AM	-
7	1	-	8:30 AM	8:34 AM	8:38 AM	8:41 AM	-	-	8:45 AM	8:47 AM	8:53 AM	9:00 AM	9:05 AM	9:13 AM	9:18 AM	9:20 AM	-	-	9:24 AM	9:32 AM	9:35 AM	9:37 AM	-
8	3	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	-	-	10:26 AM	10:32 AM	10:33 AM	10:36 AM	10:38 AM	10:39 AM	10:43 AM	10:47 AM	10:51 AM	10:53 AM
9	3	10:55 AM	10:57 AM	10:59 AM	11:03 AM	11:06 AM	11:07 AM	11:10 AM	11:14 AM	11:16 AM	11:22 AM	-	-	11:26 AM	11:32 AM	11:33 AM	11:36 AM	11:38 AM	11:39 AM	11:43 AM	11:47 AM	11:51 AM	11:53 AM
10	3	11:55 AM	11:57 AM	11:59 AM	12:03 PM	12:06 PM	12:07 PM	12:10 PM	12:14 PM	12:16 PM	12:22 PM	-	-	12:26 PM	12:32 PM	12:33 PM	12:36 PM	12:38 PM	12:39 PM	12:43 PM	12:47 PM	12:51 PM	12:53 PM
11	3	12:55 PM	12:57 PM	12:59 PM	1:03 PM	1:06 PM	1:07 PM	1:10 PM	1:14 PM	1:16 PM	1:22 PM	-	-	1:26 PM	1:32 PM	1:33 PM	1:36 PM	1:38 PM	1:39 PM	1:43 PM	1:47 PM	1:51 PM	1:53 PM
12	3	1:55 PM	1:57 PM	1:59 PM	2:03 PM	2:06 PM	2:07 PM	2:10 PM	2:14 PM	2:16 PM	2:22 PM	-	-	2:26 PM	2:32 PM	2:33 PM	2:36 PM	2:38 PM	2:39 PM	2:43 PM	2:47 PM	2:51 PM	2:53 PM
13	3	2:55 PM	2:57 PM	2:59 PM	3:03 PM	3:06 PM	3:07 PM	3:10 PM	3:14 PM	3:16 PM	3:22 PM	-	-	3:26 PM	3:32 PM	3:33 PM	3:36 PM	3:38 PM	3:39 PM	3:43 PM	3:47 PM	3:51 PM	3:53 PM
14	1	-	3:25 PM	3:29 PM	3:33 PM	3:36 PM	-	-	3:40 PM	3:42 PM	3:48 PM	3:55 PM	4:00 PM	4:08 PM	4:13 PM	4:15 PM	-	-	4:19 PM	4:23 PM	4:30 PM	4:32 PM	-
15	3	-	3:55 PM	3:59 PM	4:03 PM	4:06 PM	-	-	4:10 PM	4:12 PM	4:18 PM	4:25 PM	4:30 PM	4:38 PM	4:43 PM	4:45 PM	-	-	4:49 PM	4:53 PM	5:00 PM	5:02 PM	-
16	2	-	4:25 PM	4:29 PM	4:33 PM	4:36 PM	-	-	4:40 PM	4:42 PM	4:48 PM	4:55 PM	5:00 PM	5:08 PM	5:13 PM	5:15 PM	-	-	5:19 PM	5:23 PM	5:30 PM	5:32 PM	-
17	1	-	4:55 PM	4:59 PM	5:03 PM	5:06 PM	-	-	5:10 PM	5:12 PM	5:18 PM	5:25 PM	5:30 PM	5:38 PM	5:43 PM	5:45 PM	-	-	5:49 PM	5:53 PM	6:00 PM	6:02 PM	-
18	3	-	5:25 PM	5:29 PM	5:33 PM	5:36 PM	-	-	5:40 PM	5:42 PM	5:48 PM	5:55 PM	6:00 PM	6:08 PM	6:13 PM	6:15 PM	-	-	6:19 PM	6:23 PM	6:30 PM	6:32 PM	-
19	2	-	5:55 PM	5:59 PM	6:03 PM	6:06 PM	-	-	6:10 PM	6:12 PM	6:18 PM	6:25 PM	6:30 PM	6:38 PM	6:43 PM	6:45 PM	-	-	6:49 PM	6:53 PM	7:00 PM	7:02 PM	-
20	1	-	6:25 PM	6:29 PM	6:33 PM	6:36 PM	-	-	6:40 PM	6:42 PM	6:48 PM	6:55 PM	7:00 PM	7:08 PM	7:13 PM	7:15 PM	-	-	7:19 PM	7:23 PM	7:30 PM	7:32 PM	-
21	3	6:55 PM	6:57 PM	6:59 PM	7:03 PM	7:06 PM	7:07 PM	7:10 PM	7:14 PM	7:16 PM	7:22 PM	-	-	7:26 PM	7:32 PM	7:33 PM	7:36 PM	7:38 PM	7:39 PM	7:43 PM	7:47 PM	7:51 PM	7:53 PM
22	3	7:55 PM	7:57 PM	7:59 PM	8:03 PM	8:06 PM	8:07 PM	8:10 PM	8:14 PM	8:16 PM	8:22 PM	-	-	8:26 PM	8:32 PM	8:33 PM	8:36 PM	8:38 PM	8:39 PM	8:43 PM	8:47 PM	8:51 PM	8:53 PM

Source: LSC, 2007.

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**Table III-14  
Addison Circulator Schedule, Alternative 5, Weekend Service**

Runs	Wal-Mart	Centennial Plaza	Health Dept.	Lake and Mill	Village Hall Complex	Green Meadows	Addison Senior Center	Addison and Lincoln	Addison and Fullerton	North Park Mall	ArriveVilla Park Metra Station	DepartVilla Park Metra Station	North Park Mall	Addison and Fullerton	Addison and Lincoln	Addison Senior Center	Green Meadows	Village Hall Complex	Lake and Mill	Health Dept.	Centennial Plaza	Wal-Mart
1	5:55 AM	5:57 AM	5:59 AM	6:03 AM	6:06 AM	6:07 AM	6:10 AM	6:14 AM	6:16 AM	6:22 AM	6:29 AM	6:34 AM	6:40 AM	6:46 AM	6:48 AM	6:50 AM	6:53 AM	6:53 AM	6:58 AM	7:02 AM	7:06 AM	7:09 AM
2	6:55 AM	6:57 AM	6:59 AM	7:03 AM	7:06 AM	7:07 AM	7:10 AM	7:14 AM	7:16 AM	7:22 AM	7:29 AM	7:34 AM	7:34 AM	7:46 AM	7:48 AM	7:50 AM	7:53 AM	7:53 AM	7:58 AM	8:02 AM	8:06 AM	8:09 AM
3	7:55 AM	7:57 AM	7:59 AM	8:03 AM	8:06 AM	8:07 AM	8:10 AM	8:14 AM	8:16 AM	8:22 AM	8:29 AM	8:34 AM	8:34 AM	8:46 AM	8:48 AM	8:50 AM	8:53 AM	8:53 AM	8:58 AM	9:02 AM	9:06 AM	9:09 AM
4	8:55 AM	8:57 AM	8:59 AM	9:03 AM	9:06 AM	9:07 AM	9:10 AM	9:14 AM	9:16 AM	9:22 AM	9:29 AM	9:34 AM	9:34 AM	9:46 AM	9:48 AM	9:50 AM	9:53 AM	9:53 AM	9:58 AM	10:02 AM	10:06 AM	10:09 AM
5	9:55 AM	9:57 AM	9:59 AM	10:03 AM	10:06 AM	10:07 AM	10:10 AM	10:14 AM	10:16 AM	10:22 AM	10:29 AM	10:34 AM	10:34 AM	10:46 AM	10:48 AM	10:50 AM	10:53 AM	10:53 AM	10:58 AM	11:02 AM	11:06 AM	11:09 AM
6	10:55 AM	10:57 AM	10:59 AM	11:03 AM	11:06 AM	11:07 AM	11:10 AM	11:14 AM	11:16 AM	11:22 AM	11:29 AM	11:34 AM	11:34 AM	11:46 AM	11:48 AM	11:50 AM	11:53 AM	11:53 AM	11:58 AM	12:02 PM	12:06 PM	12:09 PM
7	11:55 AM	11:57 AM	11:59 AM	12:03 PM	12:06 PM	12:07 PM	12:10 PM	12:14 PM	12:16 PM	12:22 PM	12:29 PM	12:34 PM	12:34 PM	12:46 PM	12:48 PM	12:50 PM	12:53 PM	12:53 PM	12:58 PM	1:02 PM	1:06 PM	1:09 PM
8	12:55 PM	12:57 PM	12:59 PM	1:03 PM	1:06 PM	1:07 PM	1:10 PM	1:14 PM	1:16 PM	1:22 PM	1:29 PM	1:34 PM	1:34 PM	1:46 PM	1:48 PM	1:50 PM	1:53 PM	1:53 PM	1:58 PM	2:02 PM	2:06 PM	2:09 PM
9	1:55 PM	1:57 PM	1:59 PM	2:03 PM	2:06 PM	2:07 PM	2:10 PM	2:14 PM	2:16 PM	2:22 PM	2:29 PM	2:34 PM	2:34 PM	2:46 PM	2:48 PM	2:50 PM	2:53 PM	2:53 PM	2:58 PM	3:02 PM	3:06 PM	3:09 PM
10	2:55 PM	2:57 PM	2:59 PM	3:03 PM	3:06 PM	3:07 PM	3:10 PM	3:14 PM	3:16 PM	3:22 PM	3:29 PM	3:34 PM	3:34 PM	3:46 PM	3:48 PM	3:50 PM	3:53 PM	3:53 PM	3:58 PM	4:02 PM	4:06 PM	4:09 PM
11	3:55 PM	3:57 PM	3:59 PM	4:03 PM	4:06 PM	4:07 PM	4:10 PM	4:14 PM	4:16 PM	4:22 PM	4:29 PM	4:34 PM	4:34 PM	4:46 PM	4:48 PM	4:50 PM	4:53 PM	4:53 PM	4:58 PM	5:02 PM	5:06 PM	5:09 PM
12	4:55 PM	4:57 PM	4:59 PM	5:03 PM	5:06 PM	5:07 PM	5:10 PM	5:14 PM	5:16 PM	5:22 PM	5:29 PM	5:34 PM	5:34 PM	5:46 PM	5:48 PM	5:50 PM	5:53 PM	5:53 PM	5:58 PM	6:02 PM	6:06 PM	6:09 PM
13	5:55 PM	5:57 PM	5:59 PM	6:03 PM	6:06 PM	6:07 PM	6:10 PM	6:14 PM	6:16 PM	6:22 PM	6:29 PM	6:34 PM	6:34 PM	6:46 PM	6:48 PM	6:50 PM	6:53 PM	6:53 PM	6:58 PM	7:02 PM	7:06 PM	7:09 PM
14	6:55 PM	6:57 PM	6:59 PM	7:03 PM	7:06 PM	7:07 PM	7:10 PM	7:14 PM	7:16 PM	7:22 PM	7:29 PM	7:34 PM	7:34 PM	7:46 PM	7:48 PM	7:50 PM	7:53 PM	7:53 PM	7:58 PM	8:02 PM	8:06 PM	8:09 PM
15	7:55 PM	7:57 PM	7:59 PM	8:03 PM	8:06 PM	8:07 PM	8:10 PM	8:14 PM	8:16 PM	8:22 PM	8:29 PM	8:34 PM	8:34 PM	8:46 PM	8:48 PM	8:50 PM	8:53 PM	8:53 PM	8:58 PM	9:02 PM	9:06 PM	9:09 PM
16	8:55 PM	8:57 PM	8:59 PM	9:03 PM	9:06 PM	9:07 PM	9:10 PM	9:14 PM	9:16 PM	9:22 PM	9:29 PM	9:34 PM	9:34 PM	9:46 PM	9:48 PM	9:50 PM	9:53 PM	9:53 PM	9:58 PM	10:02 PM	10:06 PM	10:09 PM

Source: LSC, 2007.

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The estimated cost of operating and providing capital equipment for this alternative is \$1,268,000—\$605,000 for operating expenses and \$737,000 for buses and capital equipment. The capital costs are high in the first year due to the need to purchase new buses. This cost drops markedly after the first year of operation to \$635,000. The capital cost for buses provides enough funds to purchase four large body-on-chassis buses that meet Americans with Disabilities Act standards. These buses have a large enough capacity to carry 25 to 30 seated passengers, yet are maneuverable enough to drive on residential streets. Bus bike racks are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-15.

Revenue is estimated to come from federal and local sources along with revenue generated by fares and advertising on the bus. Federal funding will need to be coordinated with RTA since they are the designated recipients of federal transit funds such as Federal Transit Administration Sections 5307 and 5309 funds. Fares have been based on a \$1.00 one-way fare with a discounted monthly pass for unlimited trips at \$30.

The major stops for this alternative will be:

1. Wal-Mart
2. Addison Recreational Center
3. Centennial Plaza
4. DuPage Health Department
5. Alexian Brothers Medical Center
6. Lake Mill Shopping Plaza
7. Green Meadows Shopping Center
8. Addison Village Government Center
9. Addison Senior Center
10. Addison Industrial Park
11. North Park Mall
12. Villa Park Metra station

Bus stops should be improved as needed to provide a waiting area and passenger loading area meeting the requirements of the Americans with Disabilities Act. The

## *Service Alternatives*

stops should be accessible from the community pedestrian facilities. Improvements may include benches or shelters as appropriate based on passenger activity. A separate pedestrian facilities study is being conducted that will provide information on improvements that will be needed to support the circulator service.

**Table III-15  
Addison Transit Plan, 2009-2014 -- Alternative 5 (assumed 5% inflation)**

	2009	2010	2011	2012	2013	2014	Total
<b>EXPENSES</b>							
<b>OPERATING</b>							
Weekday Service	\$ 406,725	\$ 427,061	\$ 448,414	\$ 470,835	\$ 494,377	\$ 519,096	\$ 2,766,508
Weekend Service	\$ 183,040	\$ 192,192	\$ 201,802	\$ 211,892	\$ 222,486	\$ 233,611	\$ 1,245,022
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
<b>Subtotal</b>	<b>\$ 604,765</b>	<b>\$ 635,003</b>	<b>\$ 666,753</b>	<b>\$ 700,091</b>	<b>\$ 735,096</b>	<b>\$ 771,850</b>	<b>\$ 4,113,559</b>
<b>CAPITAL</b>							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,212	\$ 174,212
New Transit Buses (4)	\$ 546,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 546,000
Bus Bike Racks (4)	\$ 4,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,800
Transit Stop Improvements (56 stops)	\$ 82,500	\$ 82,500	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
<b>Subtotal</b>	<b>\$ 663,300</b>	<b>\$ 87,500</b>	<b>\$ 55,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 179,212</b>	<b>\$ 995,012</b>
<b>TOTAL EXPENSES</b>	<b>\$ 1,268,065</b>	<b>\$ 722,503</b>	<b>\$ 721,753</b>	<b>\$ 705,091</b>	<b>\$ 740,096</b>	<b>\$ 951,063</b>	<b>\$ 5,108,571</b>
<b>REVENUES</b>							
FTA 5307 Program (capital)	\$ 530,640	\$ 70,000	\$ 44,000	\$ 4,000	\$ 4,000	\$ 143,370	\$ 796,010
<b>Subtotal</b>	<b>\$ 530,640</b>	<b>\$ 70,000</b>	<b>\$ 44,000</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 143,370</b>	<b>\$ 796,010</b>
<b>Local Revenues</b>							
Local Match (capital)	\$ 132,660	\$ 17,500	\$ 11,000	\$ 1,000	\$ 1,000	\$ 35,842	\$ 199,002
Local Match (operating)	\$ 552,376	\$ 582,614	\$ 614,364	\$ 647,702	\$ 682,706	\$ 719,461	\$ 3,799,223
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 51,389	\$ 308,336
<b>Subtotal</b>	<b>\$ 737,425</b>	<b>\$ 652,503</b>	<b>\$ 677,753</b>	<b>\$ 701,091</b>	<b>\$ 736,096</b>	<b>\$ 807,693</b>	<b>\$ 4,312,561</b>
<b>TOTAL REVENUES</b>	<b>\$ 1,268,065</b>	<b>\$ 722,503</b>	<b>\$ 721,753</b>	<b>\$ 705,091</b>	<b>\$ 740,096</b>	<b>\$ 951,063</b>	<b>\$ 5,108,571</b>

Source: LSC, 2007.







## **VEHICLES**

For the Addison Circulator Service, the Planning Team recommends a body-on-chassis style transit vehicle with a seating capacity of 25 with two wheelchair placement positions. This vehicle can use either a van chassis or a truck chassis. The Addison Focus Group also requested a low-floor vehicle for easy access.

Suggested vehicles are shown in Table III-16. The vehicles shown are of body-on-chassis design with a low-floor design that allows the use of a ramp instead of a hydraulic lift to board people in wheelchairs. This style also provides easy access for others who may have difficulty negotiating stairs.

## **SUMMARY**

A summary comparison of the five alternatives is provided in Table III-17.

Table III-16 Suggested Vehicles for Addison Circulator				
Characteristic	Vehicle Type			
	Dallas Smith Friendly Bus	General Coach EZ-Trans	Ameritrans Spirit of Mobility	Glaval Bus Easy On
				
Length	24' - 27'	26' - 36'	28' - 30'	26' - 30'
Chassis	Ford F-450	International 3200	International 3200	Custom
Low-Floor	Yes	Yes	Yes	Yes
Accessible	Yes	Yes	Yes	Yes
Seating Capacity	12-20	13-33	19-33	19-28
Wheelchair Positions	2	3	2	2
Source: LSC, 2007.				

**Table III-17  
Summary of Addison Circulator Alternatives**

Alternative	Route	Total Buses Required	Hours of Operation	Frequency	Service Type	Route Type	Round-Trip Running Time	Start Point	End Point
1	1	3	6:00 a.m. to 7:00 p.m.	30 min	Flex	Linear	52 min	Centennial Plaza	North Park Mall
2	1	3	6:00 a.m. to 10:00 p.m.	30 min	Flex	Linear	65 min	Wal-Mart on Rohlwing	Villa Park Metra Station
3	1	4	6:00 a.m. to 10:00 p.m.	30 min	Flex	Linear	90 min	Wal-Mart on Rohlwing	Lombard Metra Station
4	1	5	6:00 a.m. to 10:00 p.m.	30 min	Flex	Linear	120 min	Wal-Mart on Rohlwing	Lombard Metra Station
5	Commuter	4	5:30 a.m. to 9:40 a.m. 3:25 p.m. to 7:07 p.m.	30 min	Flex	Linear	65 min	Centennial Plaza	Villa Park Metra Station
5	Local		9:55 a.m. to 3:57 p.m.	60 min	Flex	Linear	55 min	Wal-Mart on Rohlwing	North Park Mall

Source: LSC, 2007