

Service Alternatives

For the Lombard Community Area, the Planning Team has developed several fixed routes. Fixed-route transit service fits the popular description of a bus system— with transit vehicles operating on specified routes and following set schedules. Specific bus stops are typically identified for the locations where passengers will be picked up and dropped off.

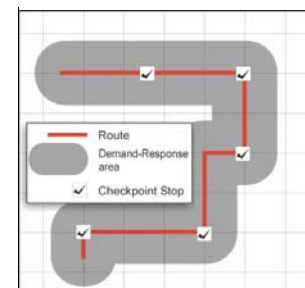


Fixed-Route Service

The advantages of fixed-route service are that it can be provided at a relatively low cost on a per passenger-trip basis, schedule reliability is high since the buses do not deviate from their routes, service does not require advance reservations, and service is easy to understand.

Fixed-route operations lack the flexibility to meet the needs of passengers with any special requirements in low-density areas. The ADA 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.

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. 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



Route-Deviation Service

disabled passengers. Those customers that need the bus to deviate will need to make an advance reservation with the transit service up to 24 hours ahead of time. The advance reservation is needed so that the vehicles can be scheduled for pick up and drop off along the scheduled run.

Three service alternatives based on fixed-route service have been developed for the Lombard Circulator Service. A fourth alternative has been developed based on route-deviation 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 *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 Lombard reflects the 2006 population estimates for Lombard and was calibrated to adjust to the demographic conditions in Lombard 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.

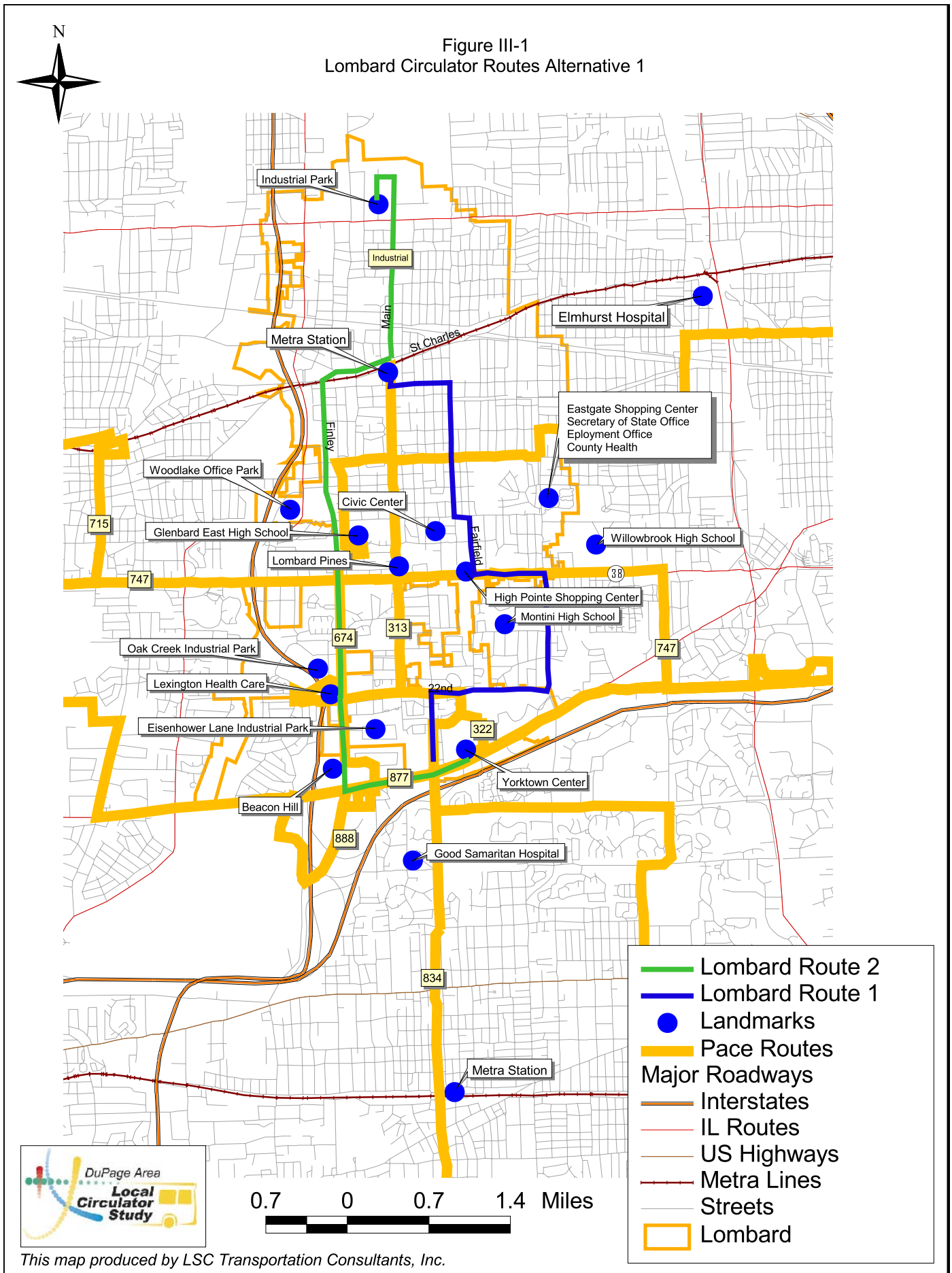
ALTERNATIVE 1

Alternative 1 represents the conceptual service depicted in the August 2006 *Service Type Report*. In the report, two routes were proposed as shown in Figure III-1. Starting at the Lombard Industrial Center, the proposed Route 1 travels south on Main to Maple, east on Maple to Grace Street, south on Grace to Wilson, east on Wilson to Fairfield, south on Fairfield to Roosevelt, east on Roosevelt to Myers, south on Myers to 22nd Street, west on 22nd Street to Highland, and south on Highland to the Yorktown Mall. The route then reverses itself for the return trip.

Route 2 starts at the Lombard Industrial Center and proceeds south on Main to the Metra station, then proceeds on Charles to Crescent, then to Finley and Butterfield, ending at the Yorktown Mall.

The basic concept of these routes 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. Customers can also transfer onto Pace, Metra, and the Downers Grove Circulator at Yorktown Center for more regional trips. 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. A summary comparison of all alternatives is provided in Table III-22 at the end of this chapter.

Figure III-1
Lombard Circulator Routes Alternative 1



This map produced by LSC Transportation Consultants, Inc.

Alternative 1 service will operate on both routes 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. The estimated demand for this alternative is 81,222 annual passenger-trips with an anticipated productivity rate of 3.52 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 during peak weekday hours (6:00 a.m.-9:00 a.m. and 3:00 p.m.-7:00 p.m.) with hourly service at off-peak times and on weekends. The estimated round-trip time is 60 minutes. Tables III-1 and III-2 show the weekday service schedule, and Tables III-3 and III-4 depict the weekend schedule.

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**Table III-1
Lombard Circulator Schedule Alternative 1, Route 1, Weekday Service**

Runs	Lombard Metra Station	Downtown Lombard	Maple & Grace	Wilson & Fairfield	High Point Center	Roosevelt & Meyers	Myers & 22nd	22nd & Highland	Yorktown Mall	Yorktown Mall	22nd & Highland	Myers & 22nd	Roosevelt & Meyers	High Point Center	Wilson & Fairfield	Maple & Grace	Downtown Lombard	Lombard Metra Station
1	6:00 AM	6:01 AM	6:04 AM	6:11 AM	6:13 AM	6:15 AM	6:20 AM	6:26 AM	6:28 AM	6:30 AM	6:33 AM	6:38 AM	6:43 AM	6:45 AM	6:48 AM	6:54 AM	6:57 AM	6:58 AM
2	6:30 AM	6:31 AM	6:34 AM	6:41 AM	6:43 AM	6:45 AM	6:50 AM	6:56 AM	6:58 AM	6:30 AM	6:33 AM	6:38 AM	6:43 AM	6:45 AM	6:48 AM	6:54 AM	6:57 AM	6:58 AM
3	7:00 AM	7:01 AM	7:04 AM	7:11 AM	7:13 AM	7:15 AM	7:20 AM	7:26 AM	7:28 AM	7:00 AM	7:03 AM	7:08 AM	7:13 AM	7:15 AM	7:18 AM	7:24 AM	7:27 AM	7:28 AM
4	7:30 AM	7:31 AM	7:34 AM	7:41 AM	7:43 AM	7:45 AM	7:50 AM	7:56 AM	7:58 AM	7:30 AM	7:33 AM	7:38 AM	7:43 AM	7:45 AM	7:48 AM	7:54 AM	7:57 AM	7:58 AM
5	8:00 AM	8:01 AM	8:04 AM	8:11 AM	8:13 AM	8:15 AM	8:20 AM	8:26 AM	8:28 AM	8:00 AM	8:03 AM	8:08 AM	8:13 AM	8:15 AM	8:18 AM	8:24 AM	8:27 AM	8:28 AM
6	8:30 AM	8:31 AM	8:34 AM	8:41 AM	8:43 AM	8:45 AM	8:50 AM	8:56 AM	8:58 AM	8:30 AM	8:33 AM	8:38 AM	8:43 AM	8:45 AM	8:48 AM	8:54 AM	8:57 AM	8:58 AM
7	9:00 AM	9:01 AM	9:04 AM	9:11 AM	9:13 AM	9:15 AM	9:20 AM	9:26 AM	9:28 AM	9:00 AM	9:03 AM	9:08 AM	9:13 AM	9:15 AM	9:18 AM	9:24 AM	9:27 AM	9:28 AM
8	10:00 AM	10:01 AM	10:04 AM	10:11 AM	10:13 AM	10:15 AM	10:20 AM	10:26 AM	10:28 AM	10:00 AM	10:03 AM	10:08 AM	10:13 AM	10:15 AM	10:18 AM	10:24 AM	10:27 AM	10:28 AM
9	11:00 AM	11:01 AM	11:04 AM	11:11 AM	11:13 AM	11:15 AM	11:20 AM	11:26 AM	11:28 AM	11:00 AM	11:03 AM	11:08 AM	11:13 AM	11:15 AM	11:18 AM	11:24 AM	11:27 AM	11:28 AM
10	12:00 PM	12:01 PM	12:04 PM	12:11 PM	12:13 PM	12:15 PM	12:20 PM	12:26 PM	12:28 PM	12:00 PM	12:03 PM	12:08 PM	12:13 PM	12:15 PM	12:18 PM	12:24 PM	12:27 PM	12:28 PM
11	1:00 PM	1:01 PM	1:04 PM	1:11 PM	1:13 PM	1:15 PM	1:20 PM	1:26 PM	1:28 PM	1:00 PM	1:03 PM	1:08 PM	1:13 PM	1:15 PM	1:18 PM	1:24 PM	1:27 PM	1:28 PM
12	2:00 PM	2:01 PM	2:04 PM	2:11 PM	2:13 PM	2:15 PM	2:20 PM	2:26 PM	2:28 PM	2:00 PM	2:03 PM	2:08 PM	2:13 PM	2:15 PM	2:18 PM	2:24 PM	2:27 PM	2:28 PM
13	3:00 PM	3:01 PM	3:04 PM	3:11 PM	3:13 PM	3:15 PM	3:20 PM	3:26 PM	3:28 PM	3:00 PM	3:03 PM	3:08 PM	3:13 PM	3:15 PM	3:18 PM	3:24 PM	3:27 PM	3:28 PM
14	3:30 PM	3:31 PM	3:34 PM	3:41 PM	3:43 PM	3:45 PM	3:50 PM	3:56 PM	3:58 PM	3:30 PM	3:33 PM	3:38 PM	3:43 PM	3:45 PM	3:48 PM	3:54 PM	3:57 PM	3:58 PM
15	4:00 PM	4:01 PM	4:04 PM	4:11 PM	4:13 PM	4:15 PM	4:20 PM	4:26 PM	4:28 PM	4:00 PM	4:03 PM	4:08 PM	4:13 PM	4:15 PM	4:18 PM	4:24 PM	4:27 PM	4:28 PM
16	4:30 PM	4:31 PM	4:34 PM	4:41 PM	4:43 PM	4:45 PM	4:50 PM	4:56 PM	4:58 PM	4:30 PM	4:33 PM	4:38 PM	4:43 PM	4:45 PM	4:48 PM	4:54 PM	4:57 PM	4:58 PM
17	5:00 PM	5:01 PM	5:04 PM	5:11 PM	5:13 PM	5:15 PM	5:20 PM	5:26 PM	5:28 PM	5:00 PM	5:03 PM	5:08 PM	5:13 PM	5:15 PM	5:18 PM	5:24 PM	5:27 PM	5:28 PM
18	5:30 PM	5:31 PM	5:34 PM	5:41 PM	5:43 PM	5:45 PM	5:50 PM	5:56 PM	5:58 PM	5:30 PM	5:33 PM	5:38 PM	5:43 PM	5:45 PM	5:48 PM	5:54 PM	5:57 PM	5:58 PM
19	6:00 PM	6:01 PM	6:04 PM	6:11 PM	6:13 PM	6:15 PM	6:20 PM	6:26 PM	6:28 PM	6:00 PM	6:03 PM	6:08 PM	6:13 PM	6:15 PM	6:18 PM	6:24 PM	6:27 PM	6:28 PM
20	6:30 PM	6:31 PM	6:34 PM	6:41 PM	6:43 PM	6:45 PM	6:50 PM	6:56 PM	6:58 PM	6:30 PM	6:33 PM	6:38 PM	6:43 PM	6:45 PM	6:48 PM	6:54 PM	6:57 PM	6:58 PM
21	7:00 PM	7:01 PM	7:04 PM	7:11 PM	7:13 PM	7:15 PM	7:20 PM	7:26 PM	7:28 PM	7:00 PM	7:03 PM	7:08 PM	7:13 PM	7:15 PM	7:18 PM	7:24 PM	7:27 PM	7:28 PM

Source: LSC, 2007.

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**Table III-2
Lombard Circulator Schedule Alternative 1, Route 2, Weekday Service**

Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	6:00 AM	6:08 AM	6:14 AM	6:18 AM	6:25 AM	6:30 AM	6:30 AM	6:35 AM	6:43 AM	6:47 AM	6:52 AM	7:00 AM
2	6:30 AM	6:38 AM	6:44 AM	6:48 AM	6:55 AM	7:00 AM	7:00 AM	7:05 AM	7:13 AM	7:17 AM	7:22 AM	7:30 AM
3	7:00 AM	7:08 AM	7:14 AM	7:18 AM	7:25 AM	7:30 AM	7:30 AM	7:35 AM	7:43 AM	7:47 AM	7:52 AM	8:00 AM
4	7:30 AM	7:38 AM	7:44 AM	7:48 AM	7:55 AM	8:00 AM	8:00 AM	8:05 AM	8:13 AM	8:17 AM	8:22 AM	8:30 AM
5	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	8:30 AM	8:35 AM	8:43 AM	8:47 AM	8:52 AM	9:00 AM
6	8:30 AM	8:38 AM	8:44 AM	8:48 AM	8:55 AM	9:00 AM	9:00 AM	9:05 AM	9:13 AM	9:17 AM	9:22 AM	9:30 AM
7	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:47 AM	9:52 AM	10:00 AM
8	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:47 AM	10:52 AM	11:00 AM
9	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:47 AM	11:52 AM	12:00 PM
10	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 PM	12:35 PM	12:43 PM	12:47 PM	12:52 PM	1:00 PM
11	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:47 PM	1:52 PM	2:00 PM
12	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:47 PM	2:52 PM	3:00 PM
13	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:47 PM	3:52 PM	4:00 PM
14	3:30 PM	3:38 PM	3:44 PM	3:48 PM	3:55 PM	4:00 PM	4:00 PM	4:05 PM	4:13 PM	4:17 PM	4:22 PM	4:30 PM
15	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:47 PM	4:52 PM	5:00 PM
16	4:30 PM	4:38 PM	4:44 PM	4:48 PM	4:55 PM	5:00 PM	5:00 PM	5:05 PM	5:13 PM	5:17 PM	5:22 PM	5:30 PM
17	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:47 PM	5:52 PM	6:00 PM
18	5:30 PM	5:38 PM	5:44 PM	5:48 PM	5:55 PM	6:00 PM	6:00 PM	6:05 PM	6:13 PM	6:17 PM	6:22 PM	6:30 PM
19	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:47 PM	6:52 PM	7:00 PM
20	6:30 PM	6:38 PM	6:44 PM	6:48 PM	6:55 PM	7:00 PM	7:00 PM	7:05 PM	7:13 PM	7:17 PM	7:22 PM	7:30 PM
21	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:47 PM	7:52 PM	8:00 PM

Source: LSC, 2007.

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**Table III-3
Lombard Circulator Schedule Alternative 1, Route 1, Weekend Service**

Runs	Lombard Metra Station	Downtown Lombard	Maple & Grace	Wilson and Fairchild	High Point Center	Roosevelt & Myers	Myers & 22nd St	22nd & Highland	Yorktown Mall	Yorktown Mall	22nd & Highland	Myers & 22nd St	Roosevelt & Myers	High Point Center	Wilson and Fairchild	Maple & Grace	Downtown Lombard	Lombard Metra Station
1	8:00 AM	8:01 AM	8:03 AM	8:11 AM	8:13 AM	8:15 AM	8:19 AM	8:23 AM	8:24 AM	8:30 AM	8:32 AM	8:36 AM	8:40 AM	8:42 AM	8:44 AM	8:51 AM	8:54 AM	8:54 AM
2	9:00 AM	9:01 AM	9:03 AM	9:11 AM	9:13 AM	9:15 AM	9:19 AM	9:23 AM	9:24 AM	9:30 AM	9:32 AM	9:36 AM	9:40 AM	9:42 AM	9:44 AM	9:51 AM	9:54 AM	9:54 AM
3	10:00 AM	10:01 AM	10:03 AM	10:11 AM	10:13 AM	10:15 AM	10:19 AM	10:23 AM	10:24 AM	10:30 AM	10:32 AM	10:36 AM	10:40 AM	10:42 AM	10:44 AM	10:51 AM	10:54 AM	10:54 AM
4	11:00 AM	11:01 AM	11:03 AM	11:11 AM	11:13 AM	11:15 AM	11:19 AM	11:23 AM	11:24 AM	11:30 AM	11:32 AM	11:36 AM	11:40 AM	11:42 AM	11:44 AM	11:51 AM	11:54 AM	11:54 AM
5	12:00 PM	12:01 PM	12:03 PM	12:11 PM	12:13 PM	12:15 PM	12:19 PM	12:23 PM	12:24 PM	12:30 PM	12:32 PM	12:36 PM	12:40 PM	12:42 PM	12:44 PM	12:51 PM	12:54 PM	12:54 PM
6	1:00 PM	1:01 PM	1:03 PM	1:11 PM	1:13 PM	1:15 PM	1:19 PM	1:23 PM	1:24 PM	1:30 PM	1:32 PM	1:36 PM	1:40 PM	1:42 PM	1:44 PM	1:51 PM	1:54 PM	1:54 PM
7	2:00 PM	2:01 PM	2:03 PM	2:11 PM	2:13 PM	2:15 PM	2:19 PM	2:23 PM	2:24 PM	2:30 PM	2:32 PM	2:36 PM	2:40 PM	2:42 PM	2:44 PM	2:51 PM	2:54 PM	2:54 PM
8	3:00 PM	3:01 PM	3:03 PM	3:11 PM	3:13 PM	3:15 PM	3:19 PM	3:23 PM	3:24 PM	3:30 PM	3:32 PM	3:36 PM	3:40 PM	3:42 PM	3:44 PM	3:51 PM	3:54 PM	3:54 PM
9	4:00 PM	4:01 PM	4:03 PM	4:11 PM	4:13 PM	4:15 PM	4:19 PM	4:23 PM	4:24 PM	4:30 PM	4:32 PM	4:36 PM	4:40 PM	4:42 PM	4:44 PM	4:51 PM	4:54 PM	4:54 PM
10	5:00 PM	5:01 PM	5:03 PM	5:11 PM	5:13 PM	5:15 PM	5:19 PM	5:23 PM	5:24 PM	5:30 PM	5:32 PM	5:36 PM	5:40 PM	5:42 PM	5:44 PM	5:51 PM	5:54 PM	5:54 PM
11	6:00 PM	6:01 PM	6:03 PM	6:11 PM	6:13 PM	6:15 PM	6:19 PM	6:23 PM	6:24 PM	6:30 PM	6:32 PM	6:36 PM	6:40 PM	6:42 PM	6:44 PM	6:51 PM	6:54 PM	6:54 PM
12	7:00 PM	7:01 PM	7:03 PM	7:11 PM	7:13 PM	7:15 PM	7:19 PM	7:23 PM	7:24 PM	7:30 PM	7:32 PM	7:36 PM	7:40 PM	7:42 PM	7:44 PM	7:51 PM	7:54 PM	7:54 PM
13	8:00 PM	8:01 PM	8:03 PM	8:11 PM	8:13 PM	8:15 PM	8:19 PM	8:23 PM	8:24 PM	8:30 PM	8:32 PM	8:36 PM	8:40 PM	8:42 PM	8:44 PM	8:51 PM	8:54 PM	8:54 PM

Source: LSC, 2007.

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Table III-4 Lombard Circulator Schedule Alternative 1, Route 2, Weekend Service													
Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Crescent & Finley	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	6:30 AM	6:35 AM	6:43 AM	6:44 AM	6:47 AM	6:52 AM	7:00 AM
2	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:44 AM	9:47 AM	9:52 AM	10:00 AM
3	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:44 AM	10:47 AM	10:52 AM	11:00 AM
4	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:44 AM	11:47 AM	11:52 AM	12:00 PM
5	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 PM	12:35 PM	12:43 PM	12:44 PM	12:47 PM	12:52 PM	1:00 PM
6	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:44 PM	1:47 PM	1:52 PM	2:00 PM
7	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:44 PM	2:47 PM	2:52 PM	3:00 PM
8	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:44 PM	3:47 PM	3:52 PM	4:00 PM
9	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:44 PM	4:47 PM	4:52 PM	5:00 PM
10	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:44 PM	5:47 PM	5:52 PM	6:00 PM
11	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:44 PM	6:47 PM	6:52 PM	7:00 PM
12	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:44 PM	7:47 PM	7:52 PM	8:00 PM
13	8:00 PM	8:08 PM	8:14 PM	8:18 PM	8:25 PM	8:30 PM	8:30 PM	8:35 PM	8:43 PM	8:44 PM	8:47 PM	8:52 PM	9:00 PM

Source: LSC, 2007.

Service Alternatives

The estimated cost of operating and providing capital equipment for this alternative is \$2,500,000—\$1,300,000 for operating expenses and \$1,200,000 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 approximately \$400,000. The capital cost for buses provides enough funds to purchase four large body-on-chassis buses and three small body-on-chassis buses that meet Americans with Disabilities standards. The fixed-route buses have a large enough capacity to carry 25 to 30 seated passengers, yet are maneuverable enough to drive on residential streets if ever a decision is made to go to a flexible fixed-route service. Bus bike racks are also included for the large buses as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-5.

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. Lombard Industrial Center
2. Lombard Metra station
3. Lagoon, Lombard Commons, Madison Meadows, and Southland Parks
4. High Point, Roosevelt, Finley Square, Butterfield, Mainstreet Square, Lombard Pines, and Yorktown Shopping Center
5. National College of Chiropractic Medicine
6. Ray Graham Association for Handicapped Persons
7. Lombard Village Hall
8. Hotels just South of Butterfield Road between Finley and Highland

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-

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-5
Alternative 1, Lombard Transit Plan, 2009-2014 (assumed 5% inflation)**

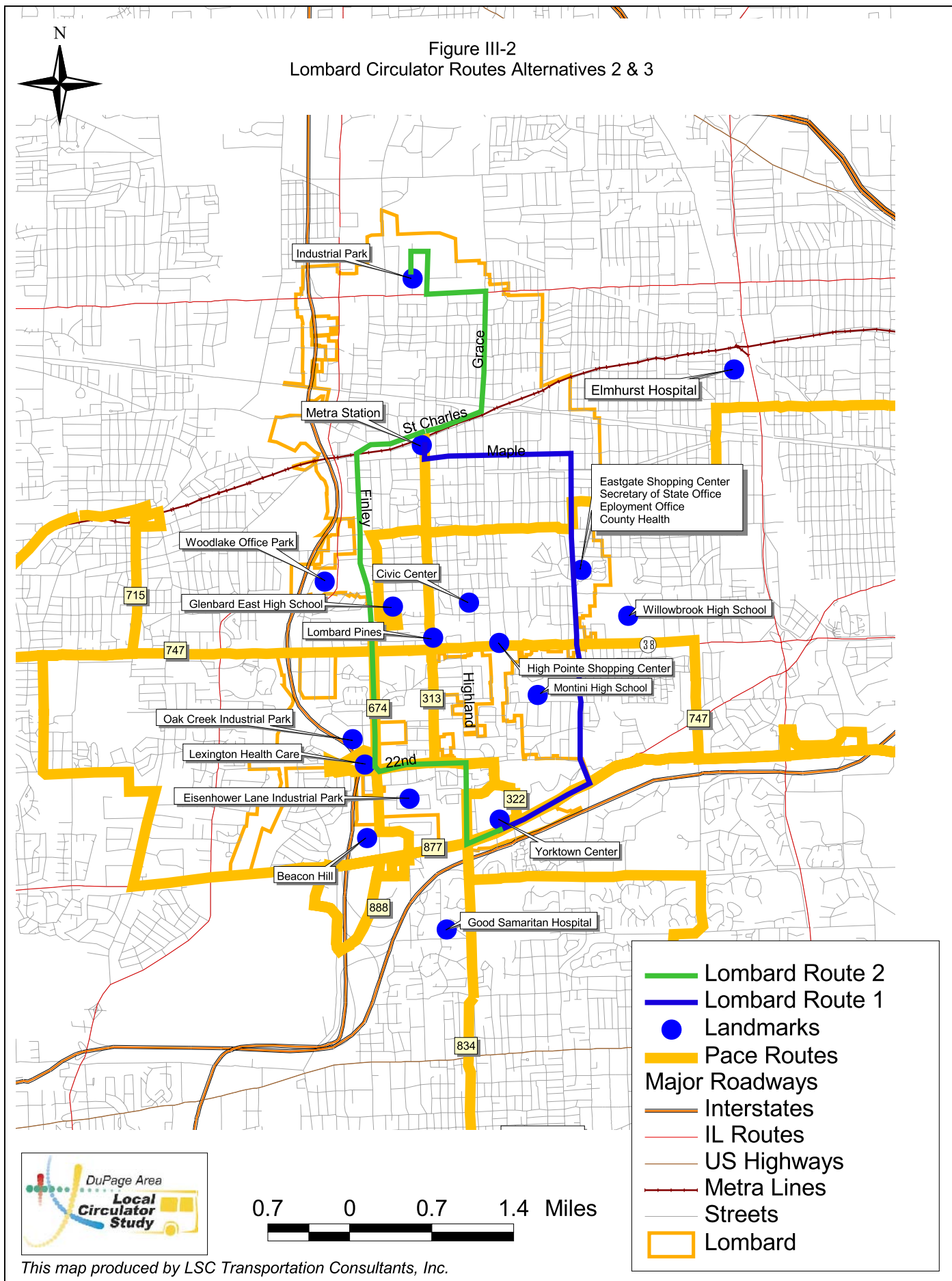
	2009	2010	2011	2012	2013	2014	Total
EXPENSES							
OPERATING							
Weekday Service	\$ 757,350	\$ 795,218	\$ 834,978	\$ 876,727	\$ 920,564	\$ 966,592	\$ 5,151,429
Weekend Service	\$ 148,720	\$ 156,156	\$ 163,964	\$ 172,162	\$ 180,770	\$ 189,809	\$ 1,011,580
Paratransit Service	\$ 364,650	\$ 382,883	\$ 402,027	\$ 422,128	\$ 443,234	\$ 465,396	\$ 2,480,318
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
Subtotal	\$ 1,285,720	\$ 1,350,006	\$ 1,417,506	\$ 1,488,382	\$ 1,562,801	\$ 1,640,941	\$ 8,745,355
CAPITAL							
Replacement Transit Buses (2)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,010	\$ 134,010
New Transit Buses (5 Fixed-Route Buses)	\$ 525,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000
New Transit Buses (3 Paratransit Buses)	\$ 195,000						
Bus Bike Racks (8)	\$ 9,600		\$ -	\$ -	\$ -	\$ -	\$ 9,600
Transit Stop Improvements (135 stops)	\$ 391,500	\$ 391,500	\$ -	\$ -	\$ -	\$ -	\$ 783,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
Subtotal	\$ 1,151,100	\$ 396,500	\$ 55,000	\$ 5,000	\$ 5,000	\$ 139,010	\$ 1,556,610
TOTAL EXPENSES	\$ 2,436,820	\$ 1,746,506	\$ 1,472,506	\$ 1,493,382	\$ 1,567,801	\$ 1,779,950	\$ 10,301,965
REVENUES							
FTA 5307 Program (capital)	\$ 920,880	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,401,288
Subtotal	\$ 920,880	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,401,288
Local Revenues							
Local Match (capital)	\$ 230,220	\$ 79,300	\$ 11,000	\$ 1,000	\$ 1,000	\$ 27,802	\$ 350,322
Local Match (operating)	\$ 1,230,033	\$ 1,294,319	\$ 1,361,819	\$ 1,432,694	\$ 1,507,113	\$ 1,585,253	\$ 8,411,231
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 54,687	\$ 54,687	\$ 54,687	\$ 54,687	\$ 54,687	\$ 54,687	\$ 328,124
Subtotal	\$ 1,515,940	\$ 1,429,306	\$ 1,428,506	\$ 1,489,382	\$ 1,563,801	\$ 1,668,743	\$ 9,095,677
TOTAL REVENUES	\$ 2,436,820	\$ 1,746,506	\$ 1,472,506	\$ 1,493,382	\$ 1,567,801	\$ 1,779,950	\$ 10,496,965
<i>Source: LSC, 2007.</i>							

ALTERNATIVE 2

Alternative 2 incorporates suggestions gathered from the Lombard Focus Group meeting held April 19, 2007. The major difference between this alternative and Alternative 1 is the alignment of Route 1 as shown in Figure III-2. Starting at the Lombard Metra station, instead of staying on Main as in Alternative 1, Route 1 in Alternative 2 turns onto St. Charles Road and travels east to Westmore-Myers where it heads south. Route 1 then turns onto Butterfield traveling west to the Yorktown Shopping Center. The route then reverses itself. Route 2 in Alternative 2 also changes in the north end where it will travel on Grace Street instead of Main. On the southern portion of the route, the service will turn east on 22nd Street to Highland where it will travel south to Yorktown Mall. A summary comparison of all alternatives is provided in Table III-22 at the end of this chapter.

The basic concept of these routes 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. Customers can also transfer onto Pace, Metra, and the Downers Grove Circulator for more regional trips. 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-2
Lombard Circulator Routes Alternatives 2 & 3



This map produced by LSC Transportation Consultants, Inc.

Based on input received through the Focus Group, Alternative 2 service will operate from 6:00 a.m. to 12:00 midnight everyday. The service should not operate on major holidays. The estimated demand for this alternative is 86,125 annual passenger-trips with an anticipated productivity rate of 3.3 passenger-trips per service hour. Route-deviation services typically operate with a productivity of 5 to 12 passengers per hour.

The Focus Group also recommended that the service operate on a 30-minute frequency of service all day on weekdays and hourly service on the weekends. The estimated round-trip time is 60 minutes for each route. Tables III-6 and III-7 show the weekday service schedule, and Tables III-8 and III-9 depict the weekend schedule.

**Table III-6
Lombard Circulator Schedule Alternative 2, Route 1, Weekday Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	Eastgate Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	Eastgate Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	6:00 AM	6:01 AM	6:07 AM	6:12 AM	6:21 AM	6:26 AM	6:30 AM	6:35 AM	6:44 AM	6:49 AM	6:55 AM	6:56 AM
2	6:30 AM	6:31 AM	6:37 AM	6:42 AM	6:51 AM	6:56 AM	7:00 AM	7:05 AM	7:14 AM	7:19 AM	7:25 AM	7:26 AM
3	7:00 AM	7:01 AM	7:07 AM	7:12 AM	7:21 AM	7:26 AM	7:30 AM	7:35 AM	7:44 AM	7:49 AM	7:55 AM	7:56 AM
4	7:30 AM	7:31 AM	7:37 AM	7:42 AM	7:51 AM	7:56 AM	8:00 AM	8:05 AM	8:14 AM	8:19 AM	8:25 AM	8:26 AM
5	8:00 AM	8:01 AM	8:07 AM	8:12 AM	8:21 AM	8:26 AM	8:30 AM	8:35 AM	8:44 AM	8:49 AM	8:55 AM	8:56 AM
6	8:30 AM	8:31 AM	8:37 AM	8:42 AM	8:51 AM	8:56 AM	9:00 AM	9:05 AM	9:14 AM	9:19 AM	9:25 AM	9:26 AM
7	9:00 AM	9:01 AM	9:07 AM	9:12 AM	9:21 AM	9:26 AM	9:30 AM	9:35 AM	9:44 AM	9:49 AM	9:55 AM	9:56 AM
8	9:30 AM	9:31 AM	9:37 AM	9:42 AM	9:51 AM	9:56 AM	10:00 AM	10:05 AM	10:14 AM	10:19 AM	10:25 AM	10:26 AM
9	10:00 AM	10:01 AM	10:07 AM	10:12 AM	10:21 AM	10:26 AM	10:30 AM	10:35 AM	10:44 AM	10:49 AM	10:55 AM	10:56 AM
10	10:30 AM	10:31 AM	10:37 AM	10:42 AM	10:51 AM	10:56 AM	11:00 AM	11:05 AM	11:14 AM	11:19 AM	11:25 AM	11:26 AM
11	11:00 AM	11:01 AM	11:07 AM	11:12 AM	11:21 AM	11:26 AM	11:30 AM	11:35 AM	11:44 AM	11:49 AM	11:55 AM	11:56 AM
12	11:30 AM	11:31 AM	11:37 AM	11:42 AM	11:51 AM	11:56 AM	12:00 PM	12:05 PM	12:14 PM	12:19 PM	12:25 PM	12:26 PM
13	12:00 PM	12:01 PM	12:07 PM	12:12 PM	12:21 PM	12:26 PM	12:30 PM	12:35 PM	12:44 PM	12:49 PM	12:55 PM	12:56 PM
14	12:30 PM	12:31 PM	12:37 PM	12:42 PM	12:51 PM	12:56 PM	1:00 PM	1:05 PM	1:14 PM	1:19 PM	1:25 PM	1:26 PM
15	1:00 PM	1:01 PM	1:07 PM	1:12 PM	1:21 PM	1:26 PM	1:30 PM	1:35 PM	1:44 PM	1:49 PM	1:55 PM	1:56 PM
16	1:30 PM	1:31 PM	1:37 PM	1:42 PM	1:51 PM	1:56 PM	2:00 PM	2:05 PM	2:14 PM	2:19 PM	2:25 PM	2:26 PM
17	2:00 PM	2:01 PM	2:07 PM	2:12 PM	2:21 PM	2:26 PM	2:30 PM	2:35 PM	2:44 PM	2:49 PM	2:55 PM	2:56 PM
18	2:30 PM	2:31 PM	2:37 PM	2:42 PM	2:51 PM	2:56 PM	3:00 PM	3:05 PM	3:14 PM	3:19 PM	3:25 PM	3:26 PM
19	3:00 PM	3:01 PM	3:07 PM	3:12 PM	3:21 PM	3:26 PM	3:30 PM	3:35 PM	3:44 PM	3:49 PM	3:55 PM	3:56 PM
20	3:30 PM	3:31 PM	3:37 PM	3:42 PM	3:51 PM	3:56 PM	4:00 PM	4:05 PM	4:14 PM	4:19 PM	4:25 PM	4:26 PM
21	4:00 PM	4:01 PM	4:07 PM	4:12 PM	4:21 PM	4:26 PM	4:30 PM	4:35 PM	4:44 PM	4:49 PM	4:55 PM	4:56 PM
22	4:30 PM	4:31 PM	4:37 PM	4:42 PM	4:51 PM	4:56 PM	5:00 PM	5:05 PM	5:14 PM	5:19 PM	5:25 PM	5:26 PM
23	5:00 PM	5:01 PM	5:07 PM	5:12 PM	5:21 PM	5:26 PM	5:30 PM	5:35 PM	5:44 PM	5:49 PM	5:55 PM	5:56 PM
24	5:30 PM	5:31 PM	5:37 PM	5:42 PM	5:51 PM	5:56 PM	6:00 PM	6:05 PM	6:14 PM	6:19 PM	6:25 PM	6:26 PM
25	6:00 PM	6:01 PM	6:07 PM	6:12 PM	6:21 PM	6:26 PM	6:30 PM	6:35 PM	6:44 PM	6:49 PM	6:55 PM	6:56 PM
26	6:30 PM	6:31 PM	6:37 PM	6:42 PM	6:51 PM	6:56 PM	7:00 PM	7:05 PM	7:14 PM	7:19 PM	7:25 PM	7:26 PM
27	7:00 PM	7:01 PM	7:07 PM	7:12 PM	7:21 PM	7:26 PM	7:30 PM	7:35 PM	7:44 PM	7:49 PM	7:55 PM	7:56 PM
28	7:30 PM	7:31 PM	7:37 PM	7:42 PM	7:51 PM	7:56 PM	8:00 PM	8:05 PM	8:14 PM	8:19 PM	8:25 PM	8:26 PM
29	8:00 PM	8:01 PM	8:07 PM	8:12 PM	8:21 PM	8:26 PM	8:30 PM	8:35 PM	8:44 PM	8:49 PM	8:55 PM	8:56 PM
30	8:30 PM	8:31 PM	8:37 PM	8:42 PM	8:51 PM	8:56 PM	9:00 PM	9:05 PM	9:14 PM	9:19 PM	9:25 PM	9:26 PM
31	9:00 PM	9:01 PM	9:07 PM	9:12 PM	9:21 PM	9:26 PM	9:30 PM	9:35 PM	9:44 PM	9:49 PM	9:55 PM	9:56 PM
32	9:30 PM	9:31 PM	9:37 PM	9:42 PM	9:51 PM	9:56 PM	10:00 PM	10:05 PM	10:14 PM	10:19 PM	10:25 PM	10:26 PM
33	10:00 PM	10:01 PM	10:07 PM	10:12 PM	10:21 PM	10:26 PM	10:30 PM	10:35 PM	10:44 PM	10:49 PM	10:55 PM	10:56 PM

Source: LSC, 2007.

Table III-7 Lombard Circulator Schedule Alternative 2, Route 2, Weekday Service												
Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	6:00 AM	6:08 AM	6:14 AM	6:18 AM	6:25 AM	6:30 AM	6:30 AM	6:35 AM	6:43 AM	6:47 AM	6:52 AM	7:00 AM
2	6:30 AM	6:38 AM	6:44 AM	6:48 AM	6:55 AM	7:00 AM	7:00 AM	7:05 AM	7:13 AM	7:17 AM	7:22 AM	7:30 AM
3	7:00 AM	7:08 AM	7:14 AM	7:18 AM	7:25 AM	7:30 AM	7:30 AM	7:35 AM	7:43 AM	7:47 AM	7:52 AM	8:00 AM
4	7:30 AM	7:38 AM	7:44 AM	7:48 AM	7:55 AM	8:00 AM	8:00 AM	8:05 AM	8:13 AM	8:17 AM	8:22 AM	8:30 AM
5	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	8:30 AM	8:35 AM	8:43 AM	8:47 AM	8:52 AM	9:00 AM
6	8:30 AM	8:38 AM	8:44 AM	8:48 AM	8:55 AM	9:00 AM	9:00 AM	9:05 AM	9:13 AM	9:17 AM	9:22 AM	9:30 AM
7	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:47 AM	9:52 AM	10:00 AM
8	9:30 AM	9:38 AM	9:44 AM	9:48 AM	9:55 AM	10:00 AM	10:00 AM	10:05 AM	10:13 AM	10:17 AM	10:22 AM	10:30 AM
9	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:47 AM	10:52 AM	11:00 AM
10	10:30 AM	10:38 AM	10:44 AM	10:48 AM	10:55 AM	11:00 AM	11:00 AM	11:05 AM	11:13 AM	11:17 AM	11:22 AM	11:30 AM
11	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:47 AM	11:52 AM	12:00 PM
12	11:30 AM	11:38 AM	11:44 AM	11:48 AM	11:55 AM	12:00 PM	12:00 PM	12:05 PM	12:13 PM	12:17 PM	12:22 PM	12:30 PM
13	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 PM	12:35 PM	12:43 PM	12:47 PM	12:52 PM	1:00 PM
14	12:30 PM	12:38 PM	12:44 PM	12:48 PM	12:55 PM	1:00 PM	1:00 PM	1:05 PM	1:13 PM	1:17 PM	1:22 PM	1:30 PM
15	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:47 PM	1:52 PM	2:00 PM
16	1:30 PM	1:38 PM	1:44 PM	1:48 PM	1:55 PM	2:00 PM	2:00 PM	2:05 PM	2:13 PM	2:17 PM	2:22 PM	2:30 PM
17	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:47 PM	2:52 PM	3:00 PM
18	2:30 PM	2:38 PM	2:44 PM	2:48 PM	2:55 PM	3:00 PM	3:00 PM	3:05 PM	3:13 PM	3:17 PM	3:22 PM	3:30 PM
19	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:47 PM	3:52 PM	4:00 PM
20	3:30 PM	3:38 PM	3:44 PM	3:48 PM	3:55 PM	4:00 PM	4:00 PM	4:05 PM	4:13 PM	4:17 PM	4:22 PM	4:30 PM
21	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:47 PM	4:52 PM	5:00 PM
22	4:30 PM	4:38 PM	4:44 PM	4:48 PM	4:55 PM	5:00 PM	5:00 PM	5:05 PM	5:13 PM	5:17 PM	5:22 PM	5:30 PM
23	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:47 PM	5:52 PM	6:00 PM
24	5:30 PM	5:38 PM	5:44 PM	5:48 PM	5:55 PM	6:00 PM	6:00 PM	6:05 PM	6:13 PM	6:17 PM	6:22 PM	6:30 PM
25	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:47 PM	6:52 PM	7:00 PM
26	6:30 PM	6:38 PM	6:44 PM	6:48 PM	6:55 PM	7:00 PM	7:00 PM	7:05 PM	7:13 PM	7:17 PM	7:22 PM	7:30 PM
27	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:47 PM	7:52 PM	8:00 PM
28	7:30 PM	7:38 PM	7:44 PM	7:48 PM	7:55 PM	8:00 PM	8:00 PM	8:05 PM	8:13 PM	8:17 PM	8:22 PM	8:30 PM
29	8:00 PM	8:08 PM	8:14 PM	8:18 PM	8:25 PM	8:30 PM	8:30 PM	8:35 PM	8:43 PM	8:47 PM	8:52 PM	9:00 PM
30	8:30 AM	8:38 AM	8:44 AM	8:48 AM	8:55 AM	9:00 AM	9:00 AM	9:05 AM	9:13 AM	9:17 AM	9:22 AM	9:30 AM
31	9:00 PM	9:08 PM	9:14 PM	9:18 PM	9:25 PM	9:30 PM	9:30 PM	9:35 PM	9:43 PM	9:47 PM	9:52 PM	10:00 PM
32	9:30 PM	9:38 PM	9:44 PM	9:48 PM	9:55 PM	10:00 PM	10:00 PM	10:05 PM	10:13 PM	10:17 PM	10:22 PM	10:30 PM
33	10:00 PM	10:08 PM	10:14 PM	10:18 PM	10:25 PM	10:30 PM	10:30 PM	10:35 PM	10:43 PM	10:47 PM	10:52 PM	11:00 PM

Source: LSC, 2007.

**Table III-8
Lombard Circulator Schedule Alternative 2, Route 1, Weekend Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	Eastgate Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	Eastgate Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	6:00 AM	6:01 AM	6:07 AM	6:12 AM	6:21 AM	6:26 AM	6:30 AM	6:35 AM	6:44 AM	6:49 AM	6:55 AM	6:56 AM
2	7:00 AM	7:01 AM	7:07 AM	7:12 AM	7:21 AM	7:26 AM	7:30 AM	7:35 AM	7:44 AM	7:49 AM	7:55 AM	7:56 AM
3	8:00 AM	8:01 AM	8:07 AM	8:12 AM	8:21 AM	8:26 AM	8:30 AM	8:35 AM	8:44 AM	8:49 AM	8:55 AM	8:56 AM
4	9:00 AM	9:01 AM	9:07 AM	9:12 AM	9:21 AM	9:26 AM	9:30 AM	9:35 AM	9:44 AM	9:49 AM	9:55 AM	9:56 AM
5	10:00 AM	10:01 AM	10:07 AM	10:12 AM	10:21 AM	10:26 AM	10:30 AM	10:35 AM	10:44 AM	10:49 AM	10:55 AM	10:56 AM
6	11:00 AM	11:01 AM	11:07 AM	11:12 AM	11:21 AM	11:26 AM	11:30 AM	11:35 AM	11:44 AM	11:49 AM	11:55 AM	11:56 AM
7	12:00 PM	12:01 PM	12:07 PM	12:12 PM	12:21 PM	12:26 PM	12:30 PM	12:35 PM	12:44 PM	12:49 PM	12:55 PM	12:56 PM
8	1:00 PM	1:01 PM	1:07 PM	1:12 PM	1:21 PM	1:26 PM	1:30 PM	1:35 PM	1:44 PM	1:49 PM	1:55 PM	1:56 PM
9	2:00 PM	2:01 PM	2:07 PM	2:12 PM	2:21 PM	2:26 PM	2:30 PM	2:35 PM	2:44 PM	2:49 PM	2:55 PM	2:56 PM
10	3:00 PM	3:01 PM	3:07 PM	3:12 PM	3:21 PM	3:26 PM	3:30 PM	3:35 PM	3:44 PM	3:49 PM	3:55 PM	3:56 PM
11	4:00 PM	4:01 PM	4:07 PM	4:12 PM	4:21 PM	4:26 PM	4:30 PM	4:35 PM	4:44 PM	4:49 PM	4:55 PM	4:56 PM
12	5:00 PM	5:01 PM	5:07 PM	5:12 PM	5:21 PM	5:26 PM	5:30 PM	5:35 PM	5:44 PM	5:49 PM	5:55 PM	5:56 PM
13	6:00 PM	6:01 PM	6:07 PM	6:12 PM	6:21 PM	6:26 PM	6:30 PM	6:35 PM	6:44 PM	6:49 PM	6:55 PM	6:56 PM
14	7:00 PM	7:01 PM	7:07 PM	7:12 PM	7:21 PM	7:26 PM	7:30 PM	7:35 PM	7:44 PM	7:49 PM	7:55 PM	7:56 PM
15	8:00 PM	8:01 PM	8:07 PM	8:12 PM	8:21 PM	8:26 PM	8:30 PM	8:35 PM	8:44 PM	8:49 PM	8:55 PM	8:56 PM
16	9:00 PM	9:01 PM	9:07 PM	9:12 PM	9:21 PM	9:26 PM	9:30 PM	9:35 PM	9:44 PM	9:49 PM	9:55 PM	9:56 PM
17	10:00 PM	10:01 PM	10:07 PM	10:12 PM	10:21 PM	10:26 PM	10:30 PM	10:35 PM	10:44 PM	10:49 PM	10:55 PM	10:56 PM
18	11:00 PM	11:01 PM	11:07 PM	11:12 PM	11:21 PM	11:26 PM	11:30 PM	11:35 PM	11:44 PM	11:49 PM	11:55 PM	11:56 PM

Source: LSC, 2007.

**Table III-9
Lombard Circulator Schedule Alternative 2, Route 2, Weekend Service**

Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	6:00 AM	6:08 AM	6:14 AM	6:18 AM	6:25 AM	6:30 AM	6:30 AM	6:35 AM	6:43 AM	6:47 AM	6:52 AM	7:00 AM
2	7:00 AM	7:08 AM	7:14 AM	7:18 AM	7:25 AM	7:30 AM	7:30 AM	7:35 AM	7:43 AM	7:47 AM	7:52 AM	8:00 AM
3	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	8:30 AM	8:35 AM	8:43 AM	8:47 AM	8:52 AM	9:00 AM
4	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:47 AM	9:52 AM	10:00 AM
5	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:47 AM	10:52 AM	11:00 AM
6	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:47 AM	11:52 AM	12:00 PM
7	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 PM	12:35 PM	12:43 PM	12:47 PM	12:52 PM	1:00 PM
8	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:47 PM	1:52 PM	2:00 PM
9	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:47 PM	2:52 PM	3:00 PM
10	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:47 PM	3:52 PM	4:00 PM
11	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:47 PM	4:52 PM	5:00 PM
12	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:47 PM	5:52 PM	6:00 PM
13	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:47 PM	6:52 PM	7:00 PM
14	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:47 PM	7:52 PM	8:00 PM
15	8:00 PM	8:08 PM	8:14 PM	8:18 PM	8:25 PM	8:30 PM	8:30 PM	8:35 PM	8:43 PM	8:47 PM	8:52 PM	9:00 PM
16	9:00 PM	9:08 PM	9:14 PM	9:18 PM	9:25 PM	9:30 PM	9:30 PM	9:35 PM	9:43 PM	9:47 PM	9:52 PM	10:00 PM
17	10:00 PM	10:08 PM	10:14 PM	10:18 PM	10:25 PM	10:30 PM	10:30 PM	10:35 PM	10:43 PM	10:47 PM	10:52 PM	11:00 PM
18	11:00 PM	11:08 PM	11:14 PM	11:18 PM	11:25 PM	11:30 PM	11:30 PM	11:35 PM	11:43 PM	11:47 PM	11:52 PM	12:00 AM

Source: LSC, 2007.

Service Alternatives

The estimated cost of operating and providing capital equipment for Alternative 2 is \$3,000,000—\$1,700,000 for operating expenses and \$1,300,000 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 approximately \$400,000. The capital cost for buses provides enough funds to purchase five large body-on-chassis buses and three smaller paratransit buses that meet Americans with Disabilities standards. The fixed-route buses have a large enough capacity to carry 25 to 30 seated passengers. Bus bike racks for the fixed -route buses are also included as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-10.

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. Lombard Industrial Center
2. Lombard Metra station
3. Lagoon, Lombard Commons, Madison Meadows, and Southland Parks
4. Roosevelt, Finley Square, Butterfield, Mainstreet Square, and Yorktown Shopping Centers
5. Navistar International
6. Hotels just South of Butterfield Road between Finley and Highland
7. Montori High School
8. East Gate Shopping Center

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-10
Alternative 2, Lombard Transit Plan, 2009-2014 (assumed 5% inflation)**

EXPENSES	2009	2010	2011	2012	2013	2014	Total
OPERATING							
Weekday Service	\$ 953,700	\$ 1,001,385	\$ 1,051,454	\$ 1,104,027	\$ 1,159,228	\$ 1,217,190	\$ 6,486,984
Weekend Service	\$ 194,480	\$ 204,204	\$ 214,414	\$ 225,135	\$ 236,392	\$ 248,211	\$ 1,322,836
Paratransit Service	\$ 476,850	\$ 500,693	\$ 525,727	\$ 552,013	\$ 579,614	\$ 608,595	\$ 3,243,492
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
Subtotal	\$ 1,640,030	\$ 1,722,032	\$ 1,808,133	\$ 1,898,540	\$ 1,993,467	\$ 2,093,140	\$ 11,155,341
CAPITAL							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,010	\$ 134,010
New Transit Buses (5 Fixed Route Buses)	\$ 682,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 682,500
New Transit Buses (3 Paratransit Buses)	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus Bike Racks (8)	\$ 9,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,600
Transit Stop Improvements (135 stops)	\$ 391,500	\$ 391,500	\$ -	\$ -	\$ -	\$ -	\$ 783,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
Subtotal	\$ 1,308,600	\$ 396,500	\$ 55,000	\$ 5,000	\$ 5,000	\$ 139,010	\$ 1,714,110
TOTAL EXPENSES	\$ 2,948,630	\$ 2,118,532	\$ 1,863,133	\$ 1,903,540	\$ 1,998,467	\$ 2,232,150	\$ 12,869,451
REVENUES							
FTA 5307 Program (capital)	\$ 1,046,880	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,527,288
Subtotal	\$ 1,046,880	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,527,288
Local Revenues							
Local Match (capital)	\$ 261,720	\$ 79,300	\$ 11,000	\$ 1,000	\$ 1,000	\$ 27,802	\$ 381,822
Local Match (operating)	\$ 1,597,044	\$ 1,679,046	\$ 1,765,147	\$ 1,855,554	\$ 1,950,481	\$ 2,050,154	\$ 10,897,426
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 41,986	\$ 41,986	\$ 41,986	\$ 41,986	\$ 41,986	\$ 41,986	\$ 251,915
Subtotal	\$ 1,901,750	\$ 1,801,332	\$ 1,819,133	\$ 1,899,540	\$ 1,994,467	\$ 2,120,942	\$ 11,537,163
TOTAL REVENUES	\$ 2,948,630	\$ 2,118,532	\$ 1,863,133	\$ 1,903,540	\$ 1,998,467	\$ 2,232,150	\$ 13,064,451

Source: LSC, 2007.

ALTERNATIVE 3

This alternative will use the same bus routes as used in Alternative 2. The difference in this alternative is that it operates at a lower level of frequency than the other two alternatives, thereby reducing the cost of operation. Starting at the Lombard Metra station, Route 1 turns onto St. Charles Road and travels east to Westmore-Myers where it heads south. Route 1 then turns onto Butterfield traveling west to the Yorktown Shopping Center. The route then reverses itself. Route 2 travels on Grace Street. On the southern portion of the route, the service will turn east on 22nd Street to Highland where it will travel south to Yorktown Mall. The Planning Team decided to offer this alternative as a more economical approach to starting the new circulator service. Government officials can monitor the progress of this service and increase the level and frequency of service as the service gains customer support. A summary comparison of all alternatives is provided in Table III-22 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 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. The estimated demand for this alternative is 49,000 annual passenger-trips with an anticipated 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 proposes that the service operate on a 60-minute frequency of service during weekday and weekend hours. The round-trip time is approximately 60 minutes. Tables III-11 and III-12 show the weekday service schedules, and Tables III-13 and III-14 depict the weekend schedules.

**Table III-11
Lombard Circulator Schedule Alternative 3, Route 1, Weekday Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	East Gate Shopping Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	East Gate Shopping Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	6:00 AM	6:01 AM	6:07 AM	6:12 AM	6:22 AM	6:26 AM	6:30 AM	6:35 AM	6:44 AM	6:50 AM	6:56 AM	6:56 AM
2	7:00 AM	7:01 AM	7:07 AM	7:12 AM	7:22 AM	7:26 AM	7:30 AM	7:35 AM	7:44 AM	7:50 AM	7:56 AM	7:56 AM
3	8:00 AM	8:01 AM	8:07 AM	8:12 AM	8:22 AM	8:26 AM	8:30 AM	8:35 AM	8:44 AM	8:50 AM	8:56 AM	8:56 AM
4	9:00 AM	9:01 AM	9:07 AM	9:12 AM	9:22 AM	9:26 AM	9:30 AM	9:35 AM	9:44 AM	9:50 AM	9:56 AM	9:56 AM
5	10:00 AM	10:01 AM	10:07 AM	10:12 AM	10:22 AM	10:26 AM	10:30 AM	10:35 AM	10:44 AM	10:50 AM	10:56 AM	10:56 AM
6	11:00 AM	11:01 AM	11:07 AM	11:12 AM	11:22 AM	11:26 AM	11:30 AM	11:35 AM	11:44 AM	11:50 AM	11:56 AM	11:56 AM
7	12:00 PM	12:01 PM	12:07 PM	12:12 PM	12:22 PM	12:26 PM	12:30 PM	12:35 PM	12:44 PM	12:50 PM	12:56 PM	12:56 PM
8	1:00 PM	1:01 PM	1:07 PM	1:12 PM	1:22 PM	1:26 PM	1:30 PM	1:35 PM	1:44 PM	1:50 PM	1:56 PM	1:56 PM
9	2:00 PM	2:01 PM	2:07 PM	2:12 PM	2:22 PM	2:26 PM	2:30 PM	2:35 PM	2:44 PM	2:50 PM	2:56 PM	2:56 PM
10	3:00 PM	3:01 PM	3:07 PM	3:12 PM	3:22 PM	3:26 PM	3:30 PM	3:35 PM	3:44 PM	3:50 PM	3:56 PM	3:56 PM
11	4:00 PM	4:01 PM	4:07 PM	4:12 PM	4:22 PM	4:26 PM	4:30 PM	4:35 PM	4:44 PM	4:50 PM	4:56 PM	4:56 PM
12	5:00 PM	5:01 PM	5:07 PM	5:12 PM	5:22 PM	5:26 PM	5:30 PM	5:35 PM	5:44 PM	5:50 PM	5:56 PM	5:56 PM
13	6:00 PM	6:01 PM	6:07 PM	6:12 PM	6:22 PM	6:26 PM	6:30 PM	6:35 PM	6:44 PM	6:50 PM	6:56 PM	6:56 PM
14	7:00 PM	7:01 PM	7:07 PM	7:12 PM	7:22 PM	7:26 PM	7:30 PM	7:35 PM	7:44 PM	7:50 PM	7:56 PM	7:56 PM
15	8:00 PM	8:01 PM	8:07 PM	8:12 PM	8:22 PM	8:26 PM	8:30 PM	8:35 PM	8:44 PM	8:50 PM	8:56 PM	8:56 PM
16	9:00 PM	9:01 PM	9:07 PM	9:12 PM	9:22 PM	9:26 PM	9:30 PM	9:35 PM	9:44 PM	9:50 PM	9:56 PM	9:56 PM

Source: LSC, 2007.

Table III-12 Lombard Circulator Schedule Alternative 3, Route 2, Weekday Service												
Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	6:00 AM	6:08 AM	6:14 AM	6:18 AM	6:25 AM	6:30 AM	6:30 AM	6:35 AM	6:43 AM	6:47 AM	6:52 AM	7:00 AM
2	7:00 AM	7:08 AM	7:14 AM	7:18 AM	7:25 AM	7:30 AM	7:30 AM	7:35 AM	7:43 AM	7:47 AM	7:52 AM	8:00 AM
3	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	8:30 AM	8:35 AM	8:43 AM	8:47 AM	8:52 AM	9:00 AM
4	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:47 AM	9:52 AM	10:00 AM
5	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:47 AM	10:52 AM	11:00 AM
6	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:47 AM	11:52 AM	12:00 PM
7	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 PM	12:35 PM	12:43 PM	12:47 PM	12:52 PM	1:00 PM
8	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:47 PM	1:52 PM	2:00 PM
9	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:47 PM	2:52 PM	3:00 PM
10	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:47 PM	3:52 PM	4:00 PM
11	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:47 PM	4:52 PM	5:00 PM
12	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:47 PM	5:52 PM	6:00 PM
13	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:47 PM	6:52 PM	7:00 PM
14	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:47 PM	7:52 PM	8:00 PM
15	8:00 PM	8:08 PM	8:14 PM	8:18 PM	8:25 PM	8:30 PM	8:30 PM	8:35 PM	8:43 PM	8:47 PM	8:52 PM	9:00 PM
16	9:00 PM	9:08 PM	9:14 PM	9:18 PM	9:25 PM	9:30 PM	9:30 PM	9:35 PM	9:43 PM	9:47 PM	9:52 PM	10:00 PM

Source: LSC, 2007.

**Table III-13
Lombard Circulator Schedule Alternative 3, Route 1, Weekend Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	East Gate Shopping Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	East Gate Shopping Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	8:00 AM	8:01 AM	8:07 AM	8:12 AM	8:22 AM	8:26 AM	8:30 AM	8:35 AM	8:44 AM	8:50 AM	8:56 AM	8:56 AM
2	9:00 AM	9:01 AM	9:07 AM	9:12 AM	9:22 AM	9:26 AM	9:00 AM	9:05 AM	9:14 AM	9:20 AM	9:26 AM	9:26 AM
3	10:00 AM	10:01 AM	10:07 AM	10:12 AM	10:22 AM	10:26 AM	10:00 AM	10:05 AM	10:14 AM	10:20 AM	10:26 AM	10:26 AM
4	11:00 AM	11:01 AM	11:07 AM	11:12 AM	11:22 AM	11:26 AM	11:00 AM	11:05 AM	11:14 AM	11:20 AM	11:26 AM	11:26 AM
5	12:00 PM	12:01 PM	12:07 PM	12:12 PM	12:22 PM	12:26 PM	12:00 PM	12:05 PM	12:14 PM	12:20 PM	12:26 PM	12:26 PM
6	1:00 PM	1:01 PM	1:07 PM	1:12 PM	1:22 PM	1:26 PM	1:00 PM	1:05 PM	1:14 PM	1:20 PM	1:26 PM	1:26 PM
7	2:00 PM	2:01 PM	2:07 PM	2:12 PM	2:22 PM	2:26 PM	2:00 PM	2:05 PM	2:14 PM	2:20 PM	2:26 PM	2:26 PM
8	3:00 PM	3:01 PM	3:07 PM	3:12 PM	3:22 PM	3:26 PM	3:00 PM	3:05 PM	3:14 PM	3:20 PM	3:26 PM	3:26 PM
9	4:00 PM	4:01 PM	4:07 PM	4:12 PM	4:22 PM	4:26 PM	4:00 PM	4:05 PM	4:14 PM	4:20 PM	4:26 PM	4:26 PM
10	5:00 PM	5:01 PM	5:07 PM	5:12 PM	5:22 PM	5:26 PM	5:00 PM	5:05 PM	5:14 PM	5:20 PM	5:26 PM	5:26 PM
11	6:00 PM	6:01 PM	6:07 PM	6:12 PM	6:22 PM	6:26 PM	6:00 PM	6:05 PM	6:14 PM	6:20 PM	6:26 PM	6:26 PM
12	7:00 PM	7:01 PM	7:07 PM	7:12 PM	7:22 PM	7:26 PM	7:00 PM	7:05 PM	7:14 PM	7:20 PM	7:26 PM	7:26 PM
13	8:00 PM	8:01 PM	8:07 PM	8:12 PM	8:22 PM	8:26 PM	8:00 PM	8:05 PM	8:14 PM	8:20 PM	8:26 PM	8:26 PM
14	9:00 PM	9:01 PM	9:07 PM	9:12 PM	9:22 PM	9:26 PM	9:00 PM	9:05 PM	9:14 PM	9:20 PM	9:26 PM	9:26 PM

Source: LSC, 2007.

**Table III-14
Lombard Circulator Schedule Alternative 3, Route 2, Weekend Service**

Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	8:00 AM	8:08 AM	8:14 AM	8:18 AM	8:25 AM	8:30 AM	8:30 AM	8:35 AM	8:43 AM	8:47 AM	8:52 AM	9:00 AM
2	9:00 AM	9:08 AM	9:14 AM	9:18 AM	9:25 AM	9:30 AM	9:30 AM	9:35 AM	9:43 AM	9:47 AM	9:52 AM	10:00 AM
3	10:00 AM	10:08 AM	10:14 AM	10:18 AM	10:25 AM	10:30 AM	10:30 AM	10:35 AM	10:43 AM	10:47 AM	10:52 AM	11:00 AM
4	11:00 AM	11:08 AM	11:14 AM	11:18 AM	11:25 AM	11:30 AM	11:30 AM	11:35 AM	11:43 AM	11:47 AM	11:52 AM	12:00 PM
5	12:00 PM	12:08 PM	12:14 PM	12:18 PM	12:25 PM	12:30 PM	12:30 AM	12:35 AM	12:43 AM	12:47 AM	12:52 AM	1:00 AM
6	1:00 PM	1:08 PM	1:14 PM	1:18 PM	1:25 PM	1:30 PM	1:30 PM	1:35 PM	1:43 PM	1:47 PM	1:52 PM	2:00 PM
7	2:00 PM	2:08 PM	2:14 PM	2:18 PM	2:25 PM	2:30 PM	2:30 PM	2:35 PM	2:43 PM	2:47 PM	2:52 PM	3:00 PM
8	3:00 PM	3:08 PM	3:14 PM	3:18 PM	3:25 PM	3:30 PM	3:30 PM	3:35 PM	3:43 PM	3:47 PM	3:52 PM	4:00 PM
9	4:00 PM	4:08 PM	4:14 PM	4:18 PM	4:25 PM	4:30 PM	4:30 PM	4:35 PM	4:43 PM	4:47 PM	4:52 PM	5:00 PM
10	5:00 PM	5:08 PM	5:14 PM	5:18 PM	5:25 PM	5:30 PM	5:30 PM	5:35 PM	5:43 PM	5:47 PM	5:52 PM	6:00 PM
11	6:00 PM	6:08 PM	6:14 PM	6:18 PM	6:25 PM	6:30 PM	6:30 PM	6:35 PM	6:43 PM	6:47 PM	6:52 PM	7:00 PM
12	7:00 PM	7:08 PM	7:14 PM	7:18 PM	7:25 PM	7:30 PM	7:30 PM	7:35 PM	7:43 PM	7:47 PM	7:52 PM	8:00 PM
13	8:00 PM	8:08 PM	8:14 PM	8:18 PM	8:25 PM	8:30 PM	8:30 PM	8:35 PM	8:43 PM	8:47 PM	8:52 PM	9:00 PM
14	9:00 PM	9:08 PM	9:14 PM	9:18 PM	9:25 PM	9:30 PM	9:30 PM	9:35 PM	9:43 PM	9:47 PM	9:52 PM	10:00 PM

Source: LSC, 2007.

Service Alternatives

The estimated cost of operating and providing capital equipment for this alternative is \$2,000,000—\$1,000,000 for operating expenses and \$1,000,000 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 \$1.5 million. The capital cost for buses provides enough funds to purchase three large body-on-chassis buses and three paratransit vans 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 for the large buses 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. Lombard Industrial Center
2. Lombard Metra station
3. Lagoon, Lombard Commons, Madison Meadows, and Southland Parks
4. Roosevelt, Finley Square, Butterfield, Mainstreet Square, and Yorktown Shopping Centers
5. Navistar International
6. Hotels just South of Butterfield Road between Finley and Highland
7. Montori High School
8. East Gate Shopping Center

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-15
Alternative 3, Lombard Transit Plan, 2009-2014 (assumed 5% inflation)**

EXPENSES	2009	2010	2011	2012	2013	2014	Total
OPERATING							
Weekday Service	\$ 448,800	\$ 471,240	\$ 494,802	\$ 519,542	\$ 545,519	\$ 572,795	\$ 3,052,698
Weekend Service	\$ 160,160	\$ 168,168	\$ 176,576	\$ 185,405	\$ 194,675	\$ 204,409	\$ 1,089,394
Paratransit Service	\$ 448,800	\$ 471,240	\$ 494,802	\$ 519,542	\$ 545,519	\$ 572,795	\$ 3,052,698
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
Subtotal	\$ 1,072,760	\$ 1,126,398	\$ 1,182,718	\$ 1,241,854	\$ 1,303,946	\$ 1,369,144	\$ 7,296,820
CAPITAL							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,010	\$ 134,010
New Transit Buses (3 Fixed-Route)	\$ 409,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 409,500
New Transit Buses (3 Paratransit)	\$ 195,000						
Bus Bike Racks (6)	\$ 7,200		\$ -	\$ -	\$ -	\$ -	\$ 7,200
Transit Stop Improvements (135 stops)	\$ 391,500	\$ 391,500	\$ -	\$ -	\$ -	\$ -	\$ 783,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
Subtotal	\$ 1,033,200	\$ 396,500	\$ 55,000	\$ 5,000	\$ 5,000	\$ 139,010	\$ 1,438,710
TOTAL EXPENSES	\$ 2,105,960	\$ 1,522,898	\$ 1,237,718	\$ 1,246,854	\$ 1,308,946	\$ 1,508,153	\$ 8,735,530
REVENUES							
FTA 5307 Program (capital)	\$ 826,560	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,306,968
Subtotal	\$ 826,560	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,306,968
Local Revenues							
Local Match (capital)	\$ 206,640	\$ 79,300	\$ 11,000	\$ 1,000	\$ 1,000	\$ 27,802	\$ 326,742
Local Match (operating)	\$ 1,030,647	\$ 1,084,285	\$ 1,140,605	\$ 1,199,741	\$ 1,261,834	\$ 1,327,031	\$ 7,044,143
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 246,677
Subtotal	\$ 1,279,400	\$ 1,205,698	\$ 1,193,718	\$ 1,242,854	\$ 1,304,946	\$ 1,396,946	\$ 7,623,562
TOTAL REVENUES	\$ 2,105,960	\$ 1,522,898	\$ 1,237,718	\$ 1,246,854	\$ 1,308,946	\$ 1,508,153	\$ 8,930,530

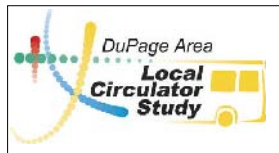
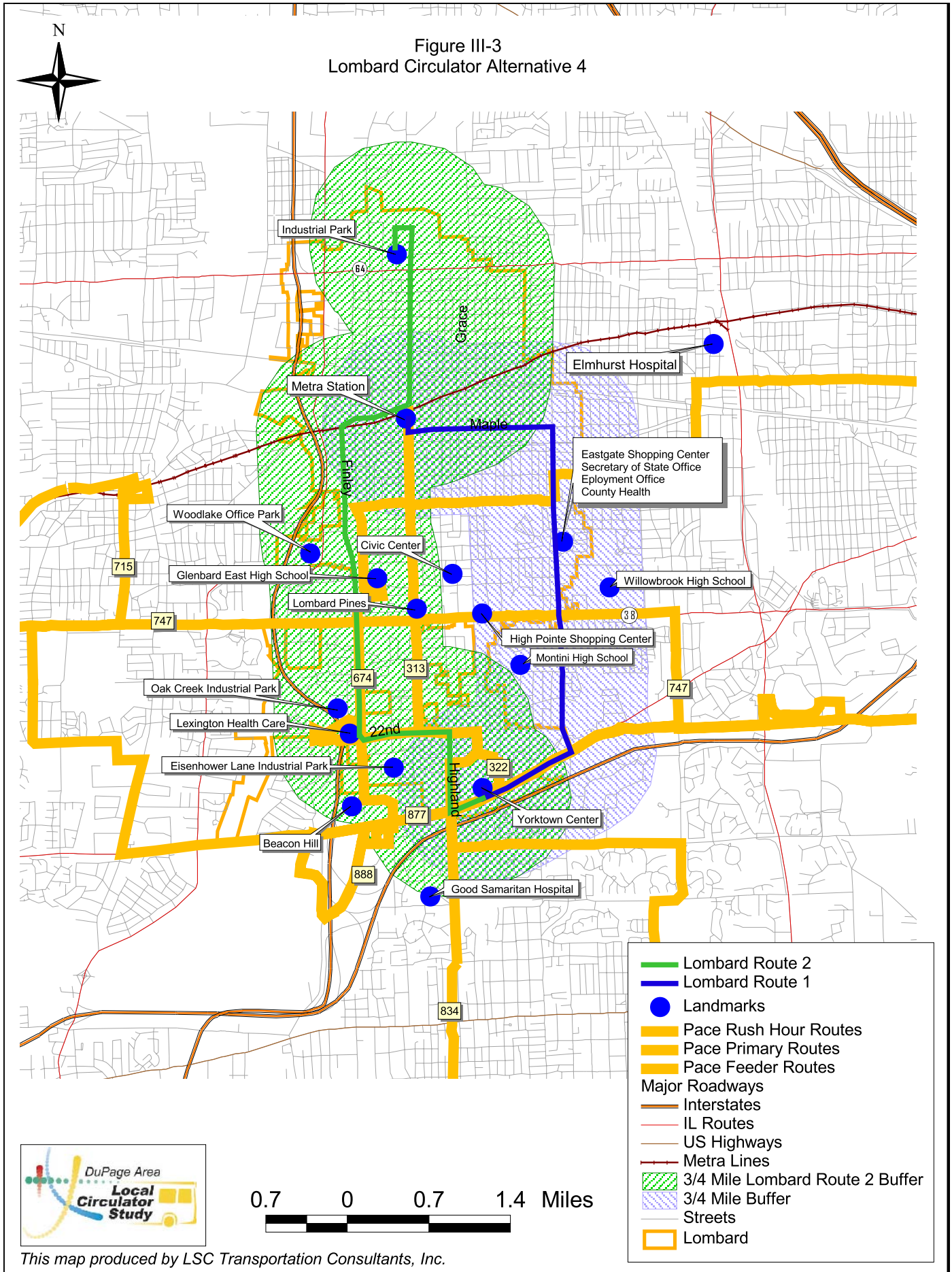
Source: LSC, 2007.

ALTERNATIVE 4

This alternative, shown in Figure III-3, will use the same bus routes as used in Alternatives 2 and 3. The difference in this alternative is that it uses a route deviation type of service instead of fixed-route with complementary paratransit. Since the routes can deviate from the route up to three-quarters of a mile, there is no need to provide complementary paratransit service, thereby reducing the cost of operation. The Planning Team decided to offer this alternative as another more economical approach to starting the new circulator service. Government officials can monitor the progress of this service and increase the level, type, and frequency of service as the service gains customer support. A summary comparison of all alternatives is provided in Table III-22 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.

Figure III-3
Lombard Circulator Alternative 4



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. The estimated demand for this alternative is 49,000 annual passenger-trips with an anticipated 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 proposes that the service operate on a 60-minute frequency during weekday and weekend hours. The round-trip time is approximately 90 minutes. Tables III-16 and II-17 show the weekday service schedules, and Tables III-18 and III-19 depict the weekend schedules.

**Table III-16
Lombard Circulator Schedule Alternative 4, Route 1, Weekday Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	East Gate Shopping Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	East Gate Shopping Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	6:00 AM	6:01 AM	6:07 AM	6:14 AM	6:24 AM	6:28 AM	6:30 AM	6:35 AM	6:45 AM	6:51 AM	6:58 AM	6:58 AM
2	7:00 AM	7:01 AM	7:07 AM	7:14 AM	7:24 AM	7:28 AM	7:00 AM	7:05 AM	7:15 AM	7:21 AM	7:28 AM	7:28 AM
3	8:00 AM	8:01 AM	8:07 AM	8:14 AM	8:24 AM	8:28 AM	8:00 AM	8:05 AM	8:15 AM	8:21 AM	8:28 AM	8:28 AM
4	9:00 AM	9:01 AM	9:07 AM	9:14 AM	9:24 AM	9:28 AM	9:00 AM	9:05 AM	9:15 AM	9:21 AM	9:28 AM	9:28 AM
5	10:00 AM	10:01 AM	10:07 AM	10:14 AM	10:24 AM	10:28 AM	10:00 AM	10:05 AM	10:15 AM	10:21 AM	10:28 AM	10:28 AM
6	11:00 AM	11:01 AM	11:07 AM	11:14 AM	11:24 AM	11:28 AM	11:00 AM	11:05 AM	11:15 AM	11:21 AM	11:28 AM	11:28 AM
7	12:00 PM	12:01 PM	12:07 PM	12:14 PM	12:24 PM	12:28 PM	12:00 PM	12:05 PM	12:15 PM	12:21 PM	12:28 PM	12:28 PM
8	1:00 PM	1:01 PM	1:07 PM	1:14 PM	1:24 PM	1:28 PM	1:00 PM	1:05 PM	1:15 PM	1:21 PM	1:28 PM	1:28 PM
9	2:00 PM	2:01 PM	2:07 PM	2:14 PM	2:24 PM	2:28 PM	2:00 PM	2:05 PM	2:15 PM	2:21 PM	2:28 PM	2:28 PM
10	3:00 PM	3:01 PM	3:07 PM	3:14 PM	3:24 PM	3:28 PM	3:00 PM	3:05 PM	3:15 PM	3:21 PM	3:28 PM	3:28 PM
11	4:00 PM	4:01 PM	4:07 PM	4:14 PM	4:24 PM	4:28 PM	4:00 PM	4:05 PM	4:15 PM	4:21 PM	4:28 PM	4:28 PM
12	5:00 PM	5:01 PM	5:07 PM	5:14 PM	5:24 PM	5:28 PM	5:00 PM	5:05 PM	5:15 PM	5:21 PM	5:28 PM	5:28 PM
13	6:00 PM	6:01 PM	6:07 PM	6:14 PM	6:24 PM	6:28 PM	6:00 PM	6:05 PM	6:15 PM	6:21 PM	6:28 PM	6:28 PM
14	7:00 PM	7:01 PM	7:07 PM	7:14 PM	7:24 PM	7:28 PM	7:00 PM	7:05 PM	7:15 PM	7:21 PM	7:28 PM	7:28 PM
15	8:00 PM	8:01 PM	8:07 PM	8:14 PM	8:24 PM	8:28 PM	8:00 PM	8:05 PM	8:15 PM	8:21 PM	8:28 PM	8:28 PM
16	9:00 PM	9:01 PM	9:07 PM	9:14 PM	9:24 PM	9:28 PM	9:00 PM	9:05 PM	9:15 PM	9:21 PM	9:28 PM	9:28 PM

Source: LSC, 2007.

**Table III-17
Lombard Circulator Schedule Alternative 4, Route 2, Weekday Service**

Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	6:00 AM	6:11 AM	6:19 AM	6:24 AM	6:34 AM	6:41 AM	6:30 AM	6:37 AM	6:47 AM	6:52 AM	7:00 AM	7:11 AM
2	7:00 AM	7:11 AM	7:19 AM	7:24 AM	7:34 AM	7:41 AM	7:30 AM	7:37 AM	7:47 AM	7:52 AM	8:00 AM	8:11 AM
3	8:00 AM	8:11 AM	8:19 AM	8:24 AM	8:34 AM	8:41 AM	8:30 AM	8:37 AM	8:47 AM	8:52 AM	9:00 AM	9:11 AM
4	9:00 AM	9:11 AM	9:19 AM	9:24 AM	9:34 AM	9:41 AM	9:30 AM	9:37 AM	9:47 AM	9:52 AM	10:00 AM	10:11 AM
5	10:00 AM	10:11 AM	10:19 AM	10:24 AM	10:34 AM	10:41 AM	10:30 AM	10:37 AM	10:47 AM	10:52 AM	11:00 AM	11:11 AM
6	11:00 AM	11:11 AM	11:19 AM	11:24 AM	11:34 AM	11:41 AM	11:30 AM	11:37 AM	11:47 AM	11:52 AM	12:00 PM	12:11 PM
7	12:00 PM	12:11 PM	12:19 PM	12:24 PM	12:34 PM	12:41 PM	12:30 PM	12:37 PM	12:47 PM	12:52 PM	1:00 PM	1:11 PM
8	1:00 PM	1:11 PM	1:19 PM	1:24 PM	1:34 PM	1:41 PM	1:30 PM	1:37 PM	1:47 PM	1:52 PM	2:00 PM	2:11 PM
9	2:00 PM	2:11 PM	2:19 PM	2:24 PM	2:34 PM	2:41 PM	2:30 PM	2:37 PM	2:47 PM	2:52 PM	3:00 PM	3:11 PM
10	3:00 PM	3:11 PM	3:19 PM	3:24 PM	3:34 PM	3:41 PM	3:30 PM	3:37 PM	3:47 PM	3:52 PM	4:00 PM	4:11 PM
11	4:00 PM	4:11 PM	4:19 PM	4:24 PM	4:34 PM	4:41 PM	4:30 PM	4:37 PM	4:47 PM	4:52 PM	5:00 PM	5:11 PM
12	5:00 PM	5:11 PM	5:19 PM	5:24 PM	5:34 PM	5:41 PM	5:30 PM	5:37 PM	5:47 PM	5:52 PM	6:00 PM	6:11 PM
13	6:00 PM	6:11 PM	6:19 PM	6:24 PM	6:34 PM	6:41 PM	6:30 PM	6:37 PM	6:47 PM	6:52 PM	7:00 PM	7:11 PM
14	7:00 PM	7:11 PM	7:19 PM	7:24 PM	7:34 PM	7:41 PM	7:30 PM	7:37 PM	7:47 PM	7:52 PM	8:00 PM	8:11 PM
15	8:00 PM	8:11 PM	8:19 PM	8:24 PM	8:34 PM	8:41 PM	8:30 PM	8:37 PM	8:47 PM	8:52 PM	9:00 PM	9:11 PM
16	9:00 PM	9:11 PM	9:19 PM	9:24 PM	9:34 PM	9:41 PM	9:30 PM	9:37 PM	9:47 PM	9:52 PM	10:00 PM	10:11 PM

Source: LSC, 2007.

**Table III-18
Lombard Circulator Schedule Alternative 4, Route 1, Weekend Service**

Runs	Lombard Metra Station	Main & Maple	Maple & Westmore	East Gate Shopping Center	Myers & Butterfield	Yorktown Mall	Yorktown Mall	Myers & Butterfield	East Gate Shopping Center	Maple & Westmore	Main & Maple	Lombard Metra Station
1	8:00 AM	8:01 AM	8:07 AM	8:14 AM	8:24 AM	8:28 AM	8:30 AM	8:35 AM	8:45 AM	8:51 AM	8:58 AM	8:58 AM
2	9:00 AM	9:01 AM	9:07 AM	9:14 AM	9:24 AM	9:28 AM	9:30 AM	9:35 AM	9:45 AM	9:51 AM	9:58 AM	9:58 AM
3	10:00 AM	10:01 AM	10:07 AM	10:14 AM	10:24 AM	10:28 AM	10:30 AM	10:35 AM	10:45 AM	10:51 AM	10:58 AM	10:58 AM
4	11:00 AM	11:01 AM	11:07 AM	11:14 AM	11:24 AM	11:28 AM	11:30 AM	11:35 AM	11:45 AM	11:51 AM	11:58 AM	11:58 AM
5	12:00 PM	12:01 PM	12:07 PM	12:14 PM	12:24 PM	12:28 PM	12:30 PM	12:35 PM	12:45 PM	12:51 PM	12:58 PM	12:58 PM
6	1:00 PM	1:01 PM	1:07 PM	1:14 PM	1:24 PM	1:28 PM	1:30 PM	1:35 PM	1:45 PM	1:51 PM	1:58 PM	1:58 PM
7	2:00 PM	2:01 PM	2:07 PM	2:14 PM	2:24 PM	2:28 PM	2:30 PM	2:35 PM	2:45 PM	2:51 PM	2:58 PM	2:58 PM
8	3:00 PM	3:01 PM	3:07 PM	3:14 PM	3:24 PM	3:28 PM	3:30 PM	3:35 PM	3:45 PM	3:51 PM	3:58 PM	3:58 PM
9	4:00 PM	4:01 PM	4:07 PM	4:14 PM	4:24 PM	4:28 PM	4:30 PM	4:35 PM	4:45 PM	4:51 PM	4:58 PM	4:58 PM
10	5:00 PM	5:01 PM	5:07 PM	5:14 PM	5:24 PM	5:28 PM	5:30 PM	5:35 PM	5:45 PM	5:51 PM	5:58 PM	5:58 PM
11	6:00 PM	6:01 PM	6:07 PM	6:14 PM	6:24 PM	6:28 PM	6:30 PM	6:35 PM	6:45 PM	6:51 PM	6:58 PM	6:58 PM
12	7:00 PM	7:01 PM	7:07 PM	7:14 PM	7:24 PM	7:28 PM	7:30 PM	7:35 PM	7:45 PM	7:51 PM	7:58 PM	7:58 PM
13	8:00 PM	8:01 PM	8:07 PM	8:14 PM	8:24 PM	8:28 PM	8:30 PM	8:35 PM	8:45 PM	8:51 PM	8:58 PM	8:58 PM
14	9:00 PM	9:01 PM	9:07 PM	9:14 PM	9:24 PM	9:28 PM	9:30 PM	9:35 PM	9:45 PM	9:51 PM	9:58 PM	9:58 PM

Source: LSC, 2007.

**Table III-19
Lombard Circulator Schedule Alternative 4, Route 2, Weekend Service**

Runs	Lombard Industrial Park	Lombard Metra Station	Finley & Madison	Roosevelt Plaza	Finley Sq. Mall	Yorktown Mall	Yorktown Mall	Finley Sq. Mall	Roosevelt Plaza	Finley & Madison	Lombard Metra Station	Lombard Industrial Park
1	8:00 AM	8:11 AM	8:19 AM	8:24 AM	8:34 AM	8:41 AM	8:30 AM	8:37 AM	8:47 AM	8:52 AM	9:00 AM	9:11 AM
2	9:00 AM	9:11 AM	9:19 AM	9:24 AM	9:34 AM	9:41 AM	9:00 AM	9:07 AM	9:17 AM	9:22 AM	9:30 AM	9:41 AM
3	10:00 AM	10:11 AM	10:19 AM	10:24 AM	10:34 AM	10:41 AM	10:00 AM	10:07 AM	10:17 AM	10:22 AM	10:30 AM	10:41 AM
4	11:00 AM	11:11 AM	11:19 AM	11:24 AM	11:34 AM	11:41 AM	11:00 AM	11:07 AM	11:17 AM	11:22 AM	11:30 AM	11:41 AM
5	12:00 PM	12:11 PM	12:19 PM	12:24 PM	12:34 PM	12:41 PM	12:00 PM	12:07 PM	12:17 PM	12:22 PM	12:30 PM	12:41 PM
6	1:00 PM	1:11 PM	1:19 PM	1:24 PM	1:34 PM	1:41 PM	1:00 PM	1:07 PM	1:17 PM	1:22 PM	1:30 PM	1:41 PM
7	2:00 PM	2:11 PM	2:19 PM	2:24 PM	2:34 PM	2:41 PM	2:00 PM	2:07 PM	2:17 PM	2:22 PM	2:30 PM	2:41 PM
8	3:00 PM	3:11 PM	3:19 PM	3:24 PM	3:34 PM	3:41 PM	3:00 PM	3:07 PM	3:17 PM	3:22 PM	3:30 PM	3:41 PM
9	4:00 PM	4:11 PM	4:19 PM	4:24 PM	4:34 PM	4:41 PM	4:00 PM	4:07 PM	4:17 PM	4:22 PM	4:30 PM	4:41 PM
10	5:00 PM	5:11 PM	5:19 PM	5:24 PM	5:34 PM	5:41 PM	5:00 PM	5:07 PM	5:17 PM	5:22 PM	5:30 PM	5:41 PM
11	6:00 PM	6:11 PM	6:19 PM	6:24 PM	6:34 PM	6:41 PM	6:00 PM	6:07 PM	6:17 PM	6:22 PM	6:30 PM	6:41 PM
12	7:00 PM	7:11 PM	7:19 PM	7:24 PM	7:34 PM	7:41 PM	7:00 PM	7:07 PM	7:17 PM	7:22 PM	7:30 PM	7:41 PM
13	8:00 PM	8:11 PM	8:19 PM	8:24 PM	8:34 PM	8:41 PM	8:30 PM	8:37 PM	8:47 PM	8:52 PM	9:00 PM	9:11 PM
14	9:00 PM	9:11 PM	9:19 PM	9:24 PM	9:34 PM	9:41 PM	9:00 PM	9:07 PM	9:17 PM	9:22 PM	9:30 PM	9:41 PM

Source: LSC, 2007.

Service Alternatives

The estimated cost of operating and providing capital equipment for this alternative is \$1,500,000—\$650,000 for operating expenses and \$850,000 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 approximately 400,000. The capital cost for buses provides enough funds to purchase four body-on-chassis buses that meet Americans with Disabilities standards. These buses have a large enough capacity to carry 12 to 15 seated passengers yet are maneuverable enough to drive on residential streets. Bus bike racks are also included for the buses as well as funding to develop transit stops. The five-year financial plan for this alternative is presented in Table III-20.

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. Lombard Industrial Center
2. Lombard Metra station
3. Lagoon, Lombard Commons, Madison Meadows, and Southland Parks
4. Roosevelt, Finley Square, Butterfield, Main Street Square, and Yorktown Shopping Centers
5. Navistar International
6. Hotels just south of Butterfield Road between Finley and Highland
7. Montori High School
8. East Gate Shopping Center

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-20
Alternative 4, Lombard Transit Plan, 2009-2014 (assumed 5% inflation)

EXPENSES	2009	2010	2011	2012	2013	2014	Total
OPERATING							
Weekday Service	\$ 448,800	\$ 471,240	\$ 494,802	\$ 519,542	\$ 545,519	\$ 572,795	\$ 3,052,698
Weekend Service	\$ 160,160	\$ 168,168	\$ 176,576	\$ 185,405	\$ 194,675	\$ 204,409	\$ 1,089,394
Marketing Program	\$ 15,000	\$ 15,750	\$ 16,538	\$ 17,364	\$ 18,233	\$ 19,144	\$ 102,029
Subtotal	\$ 623,960	\$ 655,158	\$ 687,916	\$ 722,312	\$ 758,427	\$ 796,349	\$ 4,244,122
CAPITAL							
Replacement Transit Buses (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,010	\$ 134,010
New Transit Buses (4)	\$ 420,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420,000
Bus Bike Racks (4)	\$ 4,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,800
Transit Stop Improvements (135 stops)	\$ 391,500	\$ 391,500	\$ -	\$ -	\$ -	\$ -	\$ 783,000
Office / Administration / Maintenance Equipment	\$ 30,000	\$ 5,000	\$ 55,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 105,000
Subtotal	\$ 846,300	\$ 396,500	\$ 55,000	\$ 5,000	\$ 5,000	\$ 139,010	\$ 1,446,810
TOTAL EXPENSES	\$ 1,470,260	\$ 1,051,658	\$ 742,916	\$ 727,312	\$ 763,427	\$ 935,358	\$ 5,690,931
REVENUES							
FTA 5307 Program (capital)	\$ 677,040	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,157,448
Subtotal	\$ 677,040	\$ 317,200	\$ 44,000	\$ 4,000	\$ 4,000	\$ 111,208	\$ 1,157,448
Local Revenues							
Local Match (capital)	\$ 169,260	\$ 79,300	\$ 11,000	\$ 1,000	\$ 1,000	\$ 27,802	\$ 289,362
Local Match (operating)	\$ 581,847	\$ 613,045	\$ 645,803	\$ 680,199	\$ 716,314	\$ 754,236	\$ 3,991,444
Advertising	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,000
Fares	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 41,113	\$ 246,677
Subtotal	\$ 793,220	\$ 734,458	\$ 698,916	\$ 723,312	\$ 759,427	\$ 824,151	\$ 4,533,483
TOTAL REVENUES	\$ 1,470,260	\$ 1,051,658	\$ 742,916	\$ 727,312	\$ 763,427	\$ 935,358	\$ 5,690,931
<i>Source: LSC, 2007.</i>							

VEHICLES





For the Lombard Circulator Service, the Planning Team recommends a body-on-chassis style transit vehicle with a seating capacity of 25-30 with two wheelchair placement positions. This vehicle can use either a van chassis or a truck chassis. The Lombard Focus Group requested a low-floor vehicle for easy access, large windows, an appealing paint scheme, and a modern look.

Suggested vehicles are shown in Table III-21. 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.

The Friendly bus can also come with a smaller chassis for use as a paratransit vehicle. Since it is low-floor and has an easy to use wheelchair ramp instead of a lift, the Planning Team recommends this type of vehicle for the complementary paratransit service.

SUMMARY

A summary comparison of the two alternatives is provided in Table III-22.

Table III-21 Suggested Vehicles for Lombard 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-22
Summary of Lombard 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	Fixed	Linear	52 min	Lombard Metra Station	Yorktown Mall
1	2	3	6:00 a.m. to 7:00 p.m.	30 min	Fixed	Linear	60 min	Lombard Industrial Park	Yorktown Mall
2	1	3	6:00 a.m. to 12:00 a.m.	30 min	Fixed	Linear	56 min	Lombard Metra Station	Yorktown Mall
2	2	3	6:00 a.m. to 12:00 a.m.	30 min	Fixed	Linear	60 min	Lombard Industrial Park	Yorktown Mall
3	1	2	6:00 a.m. to 10:00 p.m.	60 min	Fixed	Linear	56 min	Lombard Metra Station	Yorktown Mall
3	2	2	6:00 a.m. to 10:00 p.m.	60 min	Fixed	Linear	60 min	Lombard Industrial Park	Yorktown Mall
4	1	2	6:00 a.m. to 10:00 p.m.	60 min	Flex	Linear	58 min	Lombard Metra Station	Yorktown Mall
4	2	3	6:00 a.m. to 10:00 p.m.	60 min	Flex	Linear	111 min	Lombard Industrial Park	Yorktown Mall

Source: LSC, 2007