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# TRANSIT ROUTE SUMMARY

## UNM/CNM/Sunport Transit Study

January 2013

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Prepared for:



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**PARSONS  
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## Introduction

The Mid-Region Council of Governments (MRCOG) is conducting a transit study of an area encompassing the University of New Mexico (UNM), Central New Mexico Community College (CNM), and the Albuquerque International Sunport (airport) in Albuquerque, New Mexico. The study is intended to evaluate transit, land use, and parking issues in the area and develop options to improve the efficiency and effectiveness of transit service and to better integrate land use, parking policy, and transit goals, with the ultimate goal to identify and implement a transit and parking solution that best meets needs of the area.

The project Study Area is located near the geographical center of the Albuquerque metropolitan area, about one mile east of downtown Albuquerque. The Study Area is generally bounded by Menaul Boulevard on the north, Girard Boulevard on the east, Sunport Airport on the south, and Interstate 25 on the west as shown on Figure 1. The Study Area captures the state's premiere higher education and health care institution and state's major commercial airport, making it the largest activity center in New Mexico and of significant importance to the City, County, and State. The Study Area includes the UNM Main Campus, UNM North Campus, UNM Hospital, CNM campus, and Albuquerque International Sunport. The Study Area is estimated to have a daytime population of 74,000 students, faculty, and staff. The Study Area is also home to the community's major sports complexes, including a football stadium (capacity 39,000), basketball arena (capacity 15,500), and baseball stadium (capacity 11,000).

This Transit Route Summary provides an overview of transit service within the Study Area. Transit service is provided by ABQ RIDE, the city's public transportation service operated by the City of Albuquerque, and by the University of New Mexico's Parking and Transportation Services (PATS), which operates shuttle service within the Study Area. A description, including routing and scheduling and key connections, is provided for each route serving the Study Area. For the primary routes, information is also provided on weekday ridership at the stop level (based on 2011 ridership data – 2012 data is not yet available at the stop level), and route ridership productivity. Route ridership productivity is based on 2012 ridership data and is measured as boardings per revenue service hour.

## ABQ RIDE

ABQ RIDE is the City of Albuquerque's transit system and is the largest public transportation provider in New Mexico. ABQ RIDE provides fixed route service throughout the Albuquerque metropolitan area, as well as express commuter service, Rapid Ride (high frequency corridor service), and paratransit service for disabled persons. ABQ RIDE has ridership of nearly 13 million boardings per year, and ridership has increased by 5.3 percent in 2012.

This report provides information on ABQ RIDE service in the Study Area, including a service description and ridership and productivity information for the primary routes. Ridership data are not provided for the limited service routes, such as the commuter service that only operates a few trips per day. An ABQ RIDE System map is shown as Figure 2.



Figure 1: Study Area

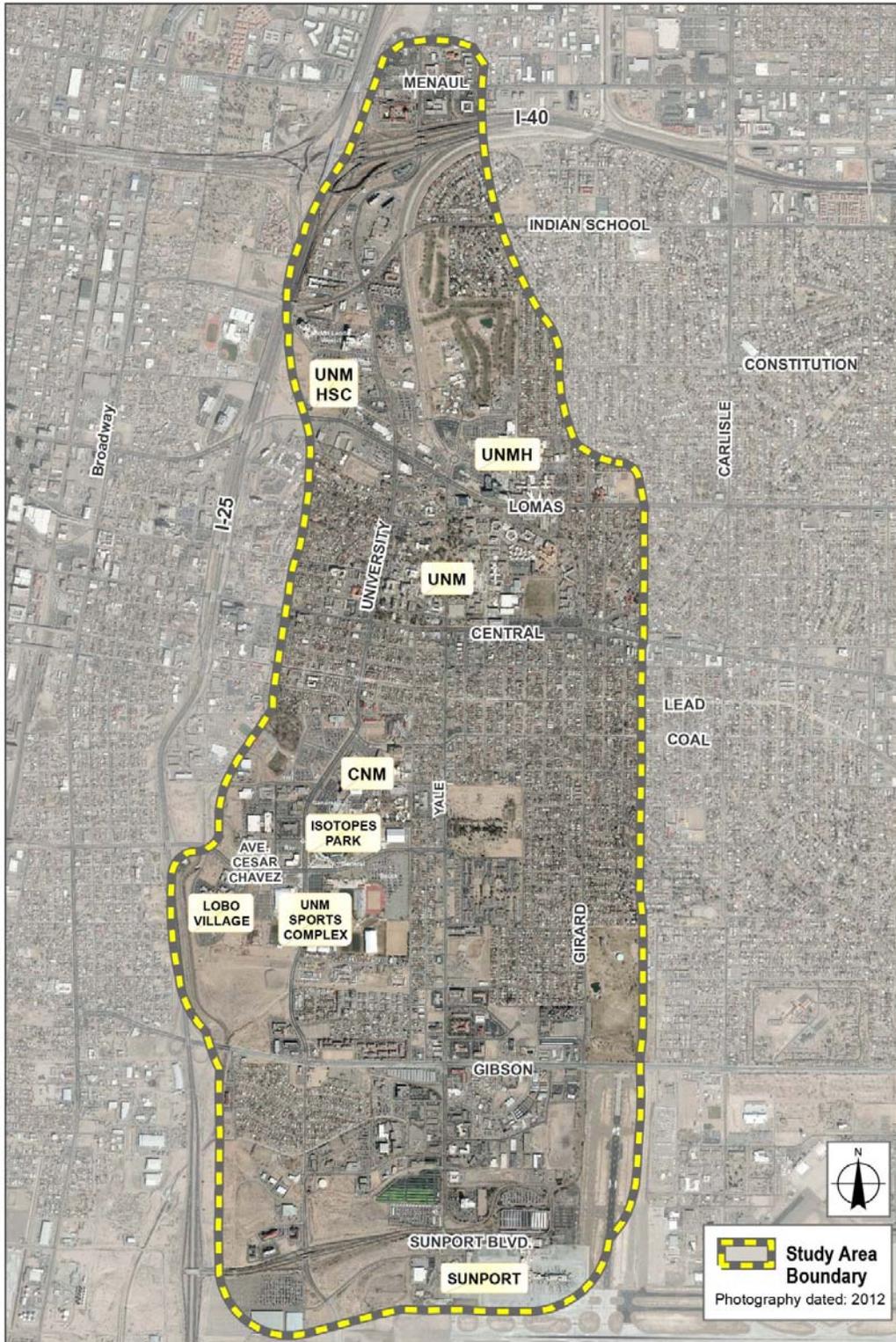
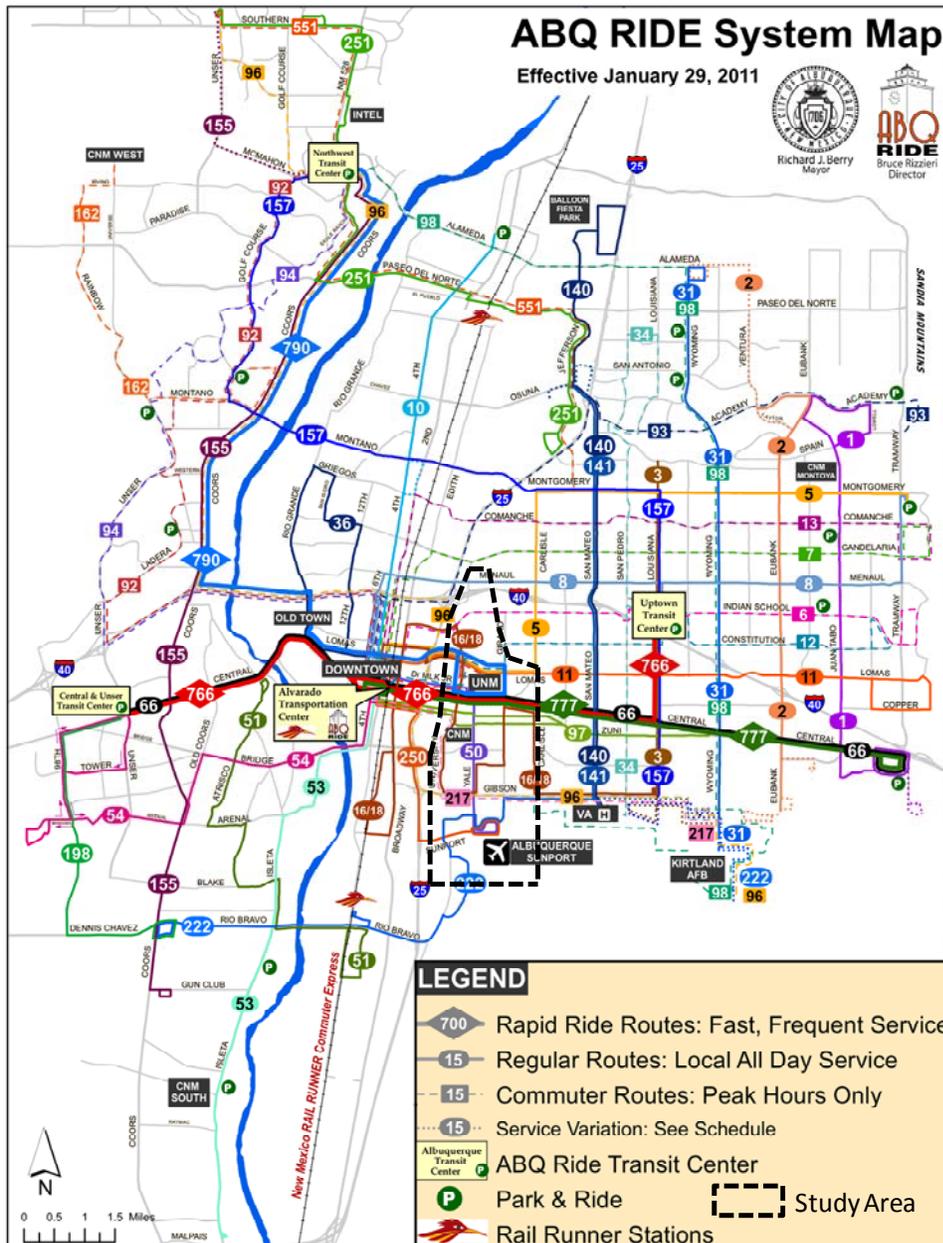




Figure 2: ABQ RIDE System Map



Source: City of Albuquerque

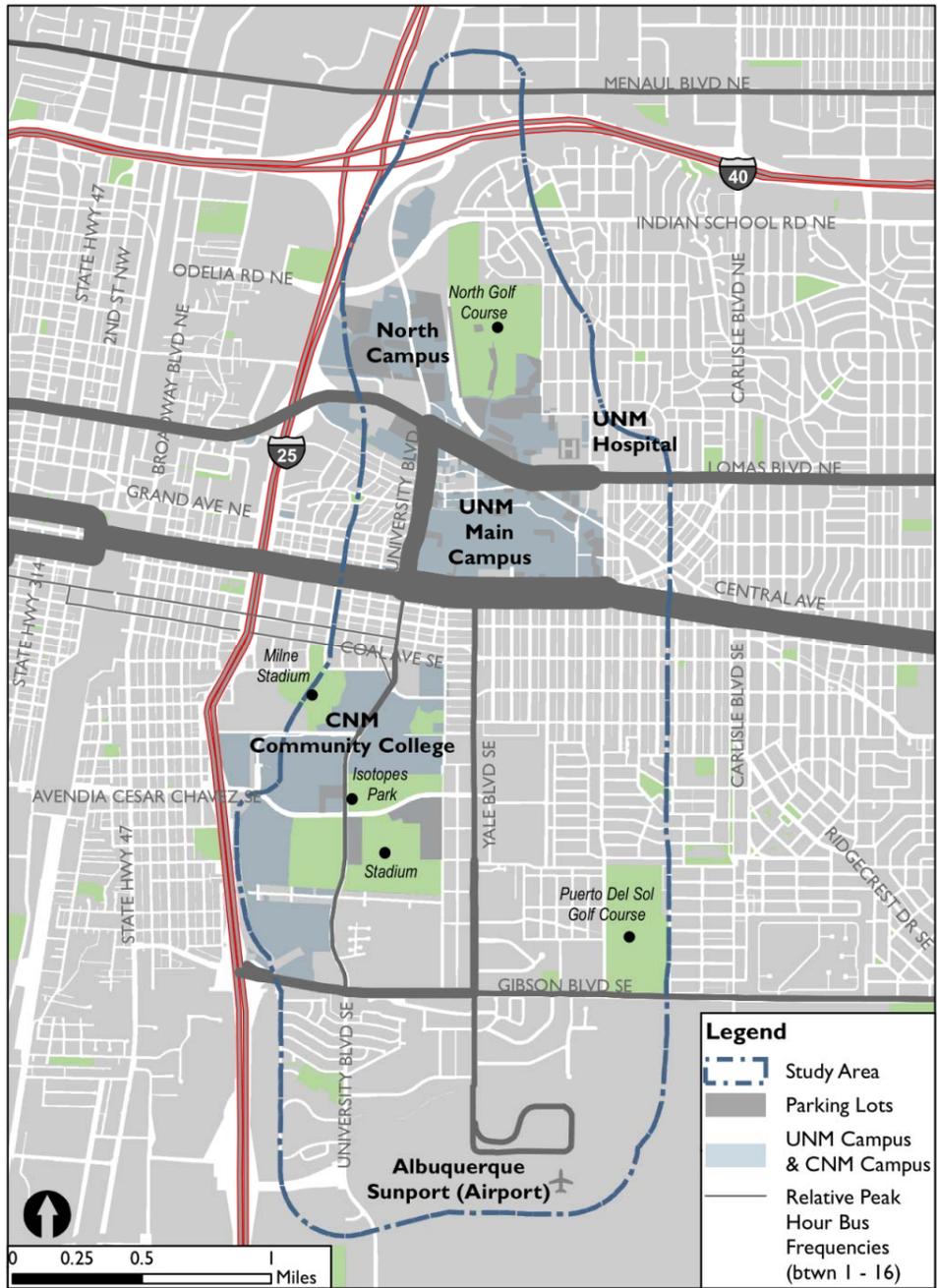
### ABQ RIDE Routes Serving the Project Study Area

ABQ RIDE provides 16 routes that serve at least some portion of the Study Area. Some routes operate all day, while others provide limited trips during commute hours. Figure 3 shows the frequency of ABQ RIDE service on the major streets in the Study Area (line width indicates the service frequency.) As this figure shows, most of the transit service provided by ABQ RIDE traverses the Study Area in an east-west direction with a focus on the UNM main campus. There is considerably less service to the CNM campus. Central Avenue, in particular, has a very high level of service. North-south service provided by ABQ RIDE tends to have much lower service frequency, and only one north-south route, Route 50, operates into



the evening hours (until 8:00 p.m.). Most of the routes operating on Central Avenue and Lomas Boulevard operate until 9:30 or 10:00 p.m., with Route 66 operating past midnight.

Figure 3: Study Area Peak Hour Bus Frequencies



The Study Area is a key transit market for ABQ RIDE, with more than 10,000 activities (on and offs) within the Study Area on an average school-year weekday. This means that nearly one-third of all the trips on the ABQ RIDE system start or end in the Study Area. Figures 4 and 5 provide ridership information for UNM/CNM stops for some of the key ABQ RIDE routes that serve the Study Area.



Figure 4

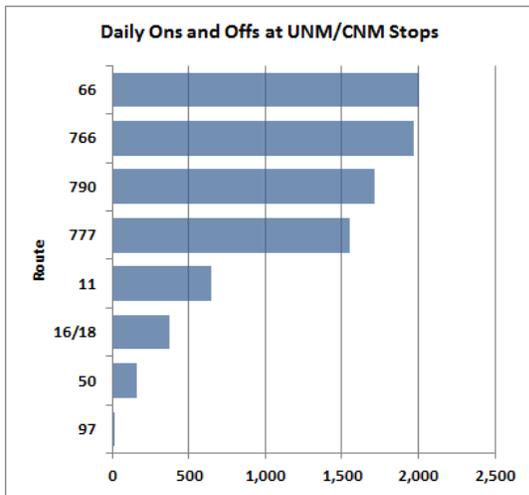
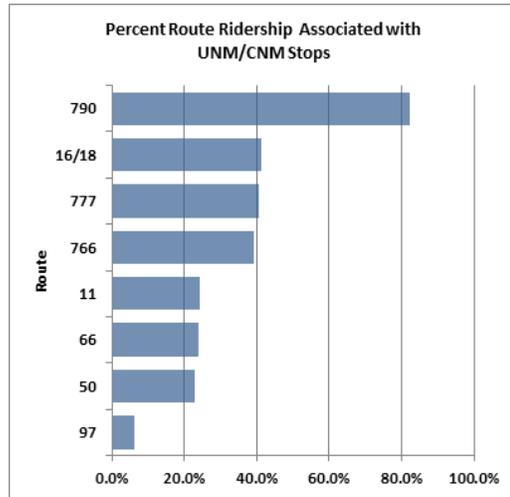
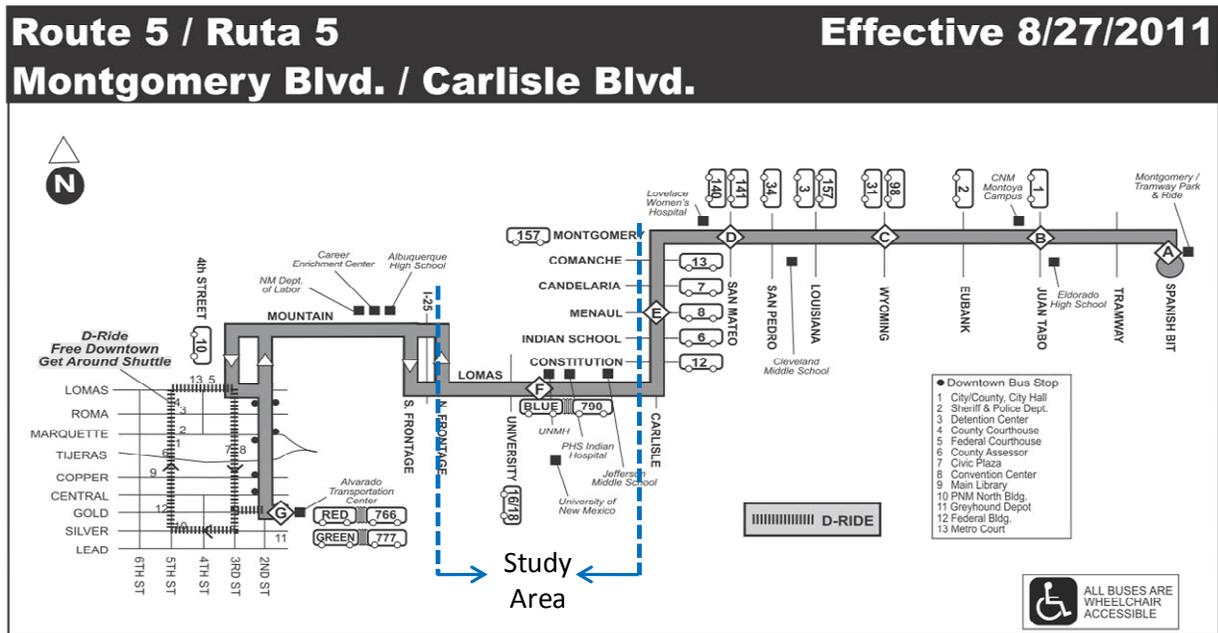


Figure 5



Route 66 and Rapid Ride Routes 766, 777, and 790 each have more than 1,500 daily activities (ons and offs) at stops associated with UNM and CNM. For route 790, this accounts for more than 80% of the activities on the route, with a lesser though still significant portion of the ridership on the other routes associated with the UNM and CNM stops. Only about 7 percent of the UNM/CNM stop activity on ABQ RIDE is generated by routes operating predominately north-south through the Study Area.

**Route 5 Montgomery Blvd. /Carlisle Blvd.**



**Route/Service Description:** Route 5 connects the Alvarado Transit Center in downtown Albuquerque with Montgomery Boulevard to the northeast. It travels east/west through the Study Area on Lomas Boulevard, serving the main UNM campus and the UNM Hospital and connecting the campus with the Montgomery Tramway Park & Ride to the east. Route 5 provides 39 trips per weekday, with the first arrival at the Alvarado Transit Center and 6:00 a.m. and the last departure from the transit center at 9:27 p.m. Service headways between 6:22 a.m. and 5:40 p.m. range between 18 and 25 minutes. Route 5 provides Saturday and Sunday service with reduced service spans and headways of 40 minutes.



**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 5 was 3,045 boardings; by April 2012, ridership had increased 8 percent. There are five eastbound and five westbound stops with the Study Area.

**Table 1: Route 5 Average Weekday Ridership - April 2011 Study Area Counts**

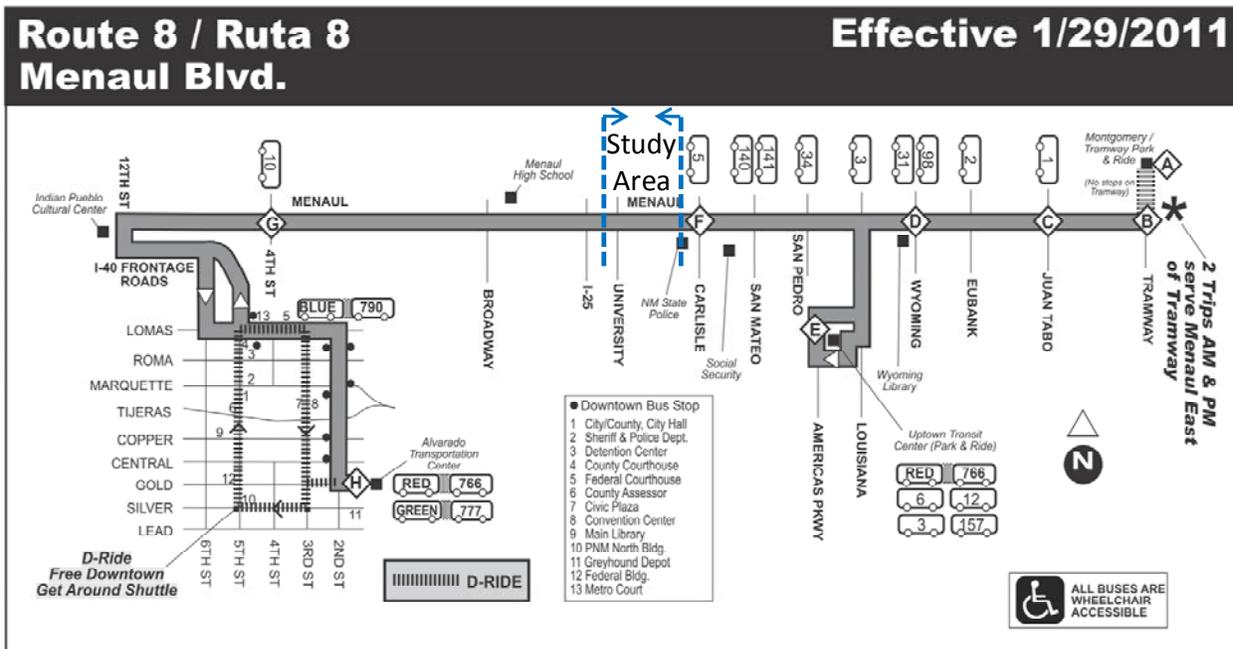
Route 5 Stops in Study Area	North/Eastbound		South/Westbound	
	Boardings	Alightings	Boardings	Alightings
Lomas & Oak (Medical Arts) *	4	0	4	2
Lomas & University	36	12	12	17
Lomas & Yale	50	4	8	37
UNM Hospital	192	50	33	185
Lomas & Girard	28	4	6	58
<b>Totals</b>	<b>310</b>	<b>70</b>	<b>63</b>	<b>299</b>

\*This stop is in the Study Area, but not proximate to UNM or CNM.

As indicated by the much higher numbers of alightings south/westbound and boardings north/eastbound, it is clear that Route 5 functions primarily to bring riders from the northeast (Montgomery and Carlisle Boulevards) to the UNM/CNM area in the morning and take them home in the afternoon and evening. The stops adjacent to the UNM Hospital account for more than half of the total Route 5 ridership activity in the Study Area. The stop not adjacent to the University (Lomas and Oak) has very low ridership.

**Route Productivity:** Based on the April 2012 counts, Route 5 has a weekday productivity of 43 boardings per hour.

**Route 8 Menaul Boulevard**





**Route/Service Description:** Route 8 connects the Alvarado Transit Center in downtown Albuquerque with Menaul Boulevard to the north, and continuing east to the Montgomery Tramway Park & Ride. The route travels east/west on Menaul Boulevard along the very northern edge of the Study Area. In addition to the Montgomery Tramway Park & Ride, Route 8 serves the Uptown Transit Center Park & Ride. Route 8 provides 36 westbound and 34 eastbound trips per weekday, with the first arrival at the Alvarado Transit Center and 6:20 a.m. and the last departure from the transit center at 8:57 p.m. Service headways fluctuate between 17 and 28 minutes during the daytime hours. Route 8 provides Saturday and Sunday service with somewhat reduced service spans and headways of approximately 40 minutes.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 8 was 2,436 boardings; by April 2012, ridership had increased 4 percent. There are three eastbound and westbound stops with the Study Area.

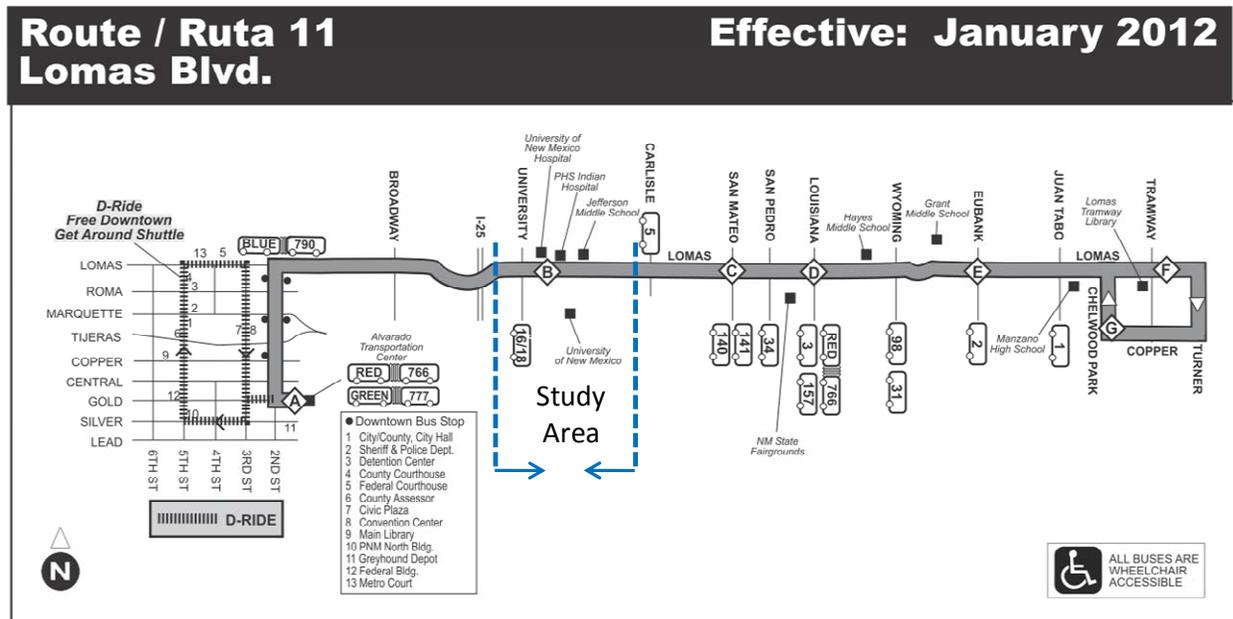
**Table 2: Route 8 Average Weekday Ridership - April 2011 Counts**

Route 8 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Menaul & University	25	39	20	44
Menaul & Princeton	25	10	15	0
Menaul & Vassar	5	29	33	15
Totals	55	78	68	59

Route 8 ridership within the Study Area is fairly low. The location of the route, several blocks north of the UNM campus, limits use of the route by UNM and CNM students and employees.

**Route Productivity:** Based on the April 2012 counts, Route 8 has a weekday productivity of 34 boardings per hour.

**Route 11 Lomas Blvd.**





**Route/Service Description:** Route 11 connects the Alvarado Transit Center in downtown Albuquerque with Lomas Boulevard to the east. The route travels east/west on Lomas Boulevard through the Study Area, serving the main campus of UNM as well as the UNM Hospital. Route 11 provides 41 westbound and 43 eastbound trips per weekday, with the first arrival at the Alvarado Transit Center and 6:51 a.m. and the last departure from the transit center at 8:29 p.m. Service headways average approximately 20 minutes until about 7:00 p.m. Route 11 provides Saturday and Sunday service with somewhat reduced service spans and headways of approximately 35 minutes.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 11 was 2,665 boardings; by April 2012, ridership had increased 4 percent. There are five eastbound and westbound stops with the Study Area.

**Table 3: Route 11 Average Weekday Ridership - April 2011 Counts**

Route 11 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Lomas & Oak (Medical Arts) *	8	4	2	6
Lomas & University	62	24	12	20
Lomas & Yale	37	7	30	36
UNM Hospital	156	72	82	108
Lomas & Girard	55	24	24	120
Totals	318	131	150	290

\*This stop is in the Study Area, but not proximate to UNM or CNM.

As indicated by the higher numbers of alightings westbound and boardings eastbound, it is clear that Route 8 functions primarily to bring riders to the UNM campus area from Lomas Boulevard to the east. The stops adjacent to the UNM Hospital account for about than half of the total Route 8 ridership activity in the Study Area. By comparison, daily boardings and alightings at the Alvarado Transit Center total 218 and 293 respectively.

Figures 6 and 7 show activities for all stops on Route 11, with stops in the Study Area identified by the yellow box. Other than the Alvarado Transit Center, the UNM stops are among the most used stops on the route.

**Route Productivity:** Based on the April 2011 counts, Route 11 has a weekday productivity of 41 boardings per hour.



Figure 6

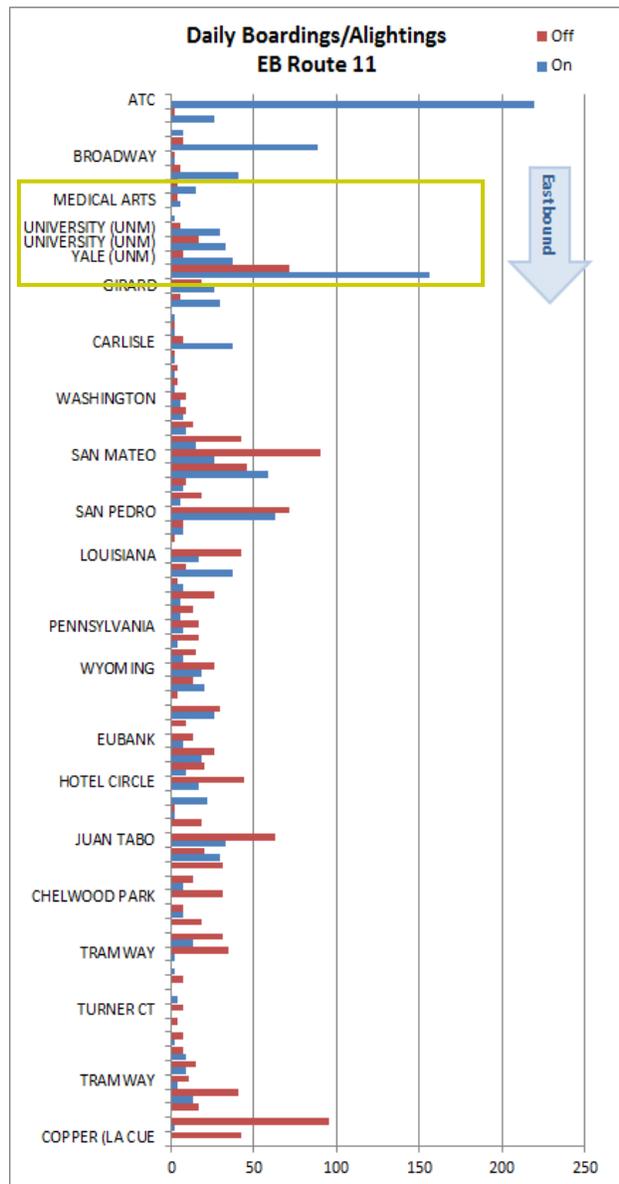
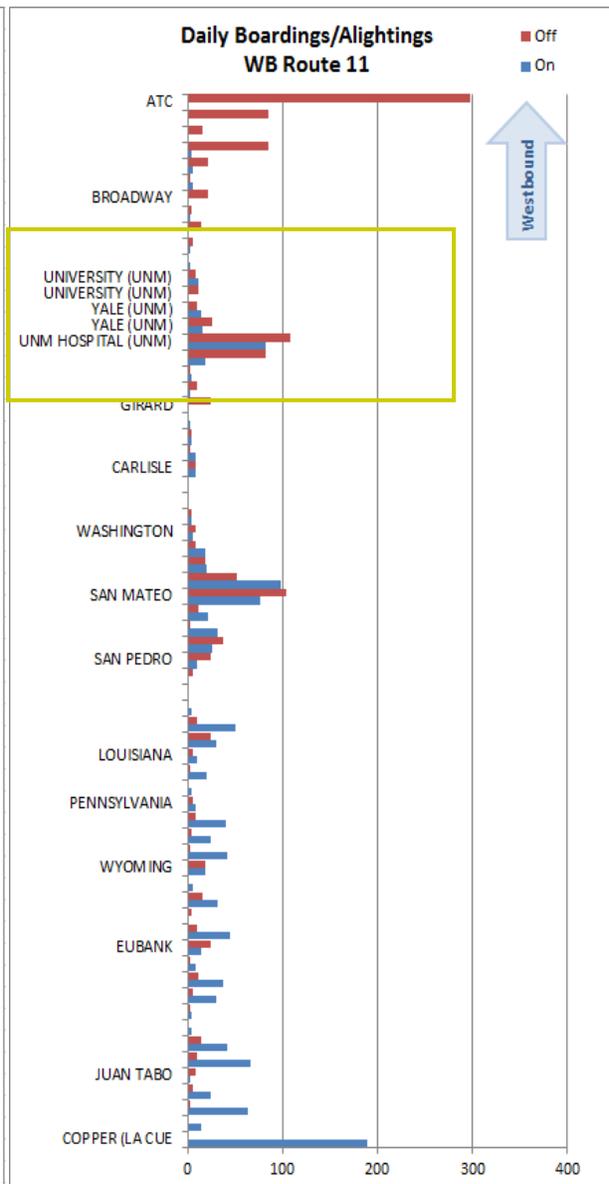


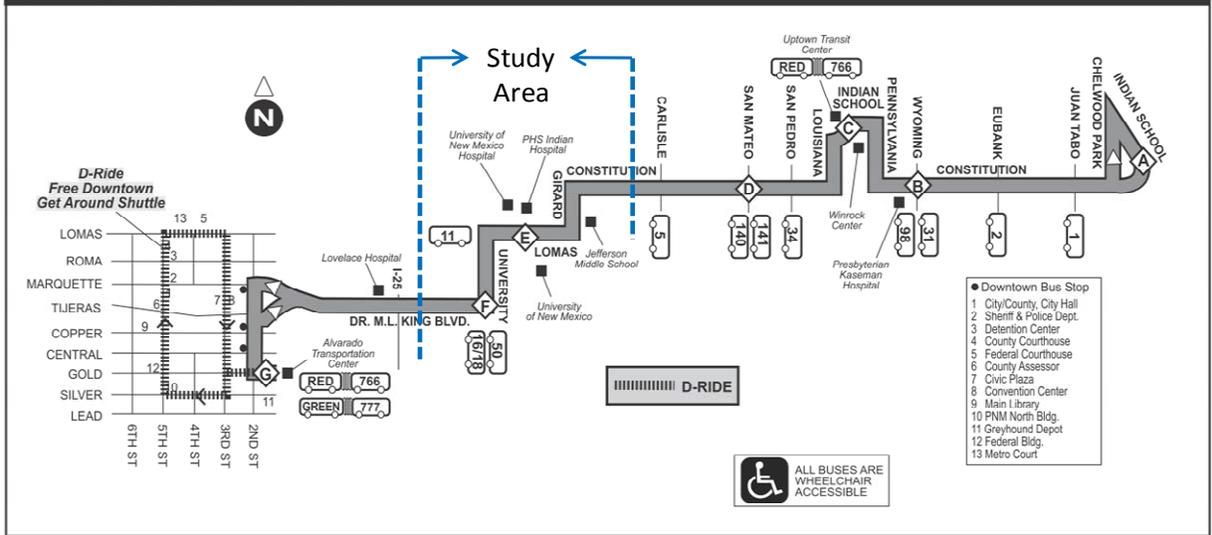
Figure 7





**Route 12 Constitution Ave.**

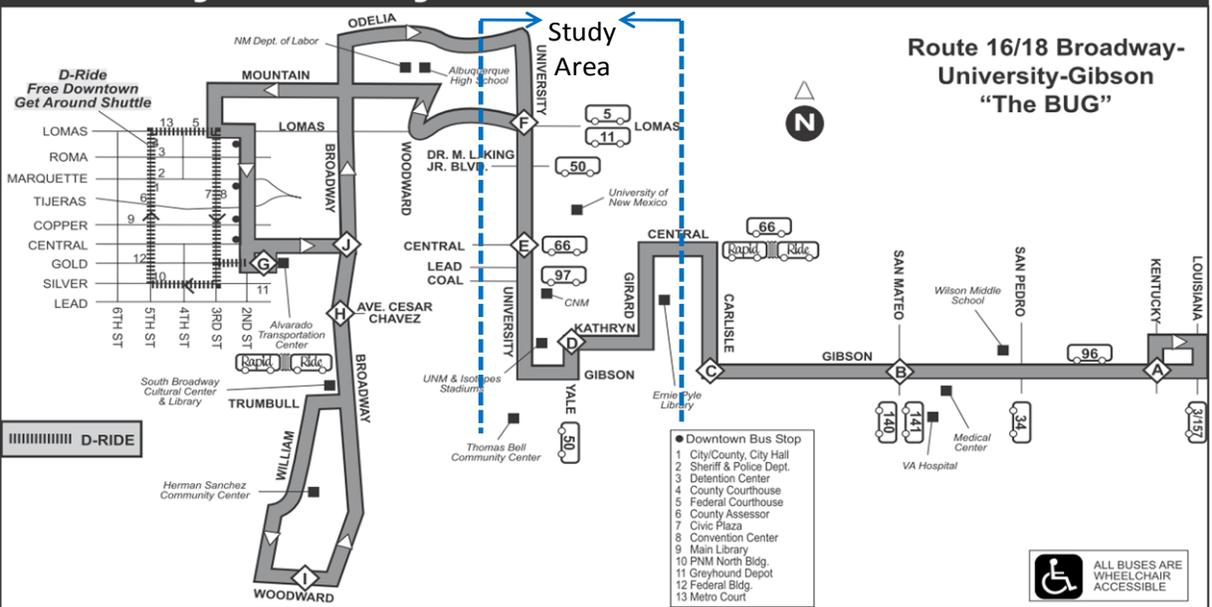
**Route / Ruta 12**  
**Constitution Ave.** **Effective: 5/19/2012**



**Route/Service Description:** Route 12 is a commuter route that connects the Alvarado Transit Center in downtown Albuquerque with Lomas Boulevard and Constitution Avenue to the north and east. The route travels through the Study Area on Lomas Boulevard, University Boulevard, and Dr. M. L. King Boulevard. The route serves the main UNM campus and the UNM Hospital. Route 12 provides two westbound trips in the morning peak hours and two eastbound trips during the afternoon peak. There is no Saturday or Sunday service on Route 12.

**Route 16/18 Broadway/University/Gibson**

**Route / Ruta 16/18**  
**Broadway/University/Gibson** **Effective: January 2012**





**Route/Service Description:** Route 16/18, also called “The Bug,” connects the Alvarado Transit Center in downtown Albuquerque with several areas east of downtown, extending as far east as Gibson and Louisiana. Within the Study Area, Route 16/18 serves portions of Dr. M. L. King Boulevard, University, Gibson, Yale, Kathryn, and Girard. The route travels along the west side of the main campus of UNM and serves CNM. Route 16/18 provides 15 westbound and 16 eastbound trips per weekday, with the first arrival at the Alvarado Transit Center and 7:09 a.m. and the last departure from the transit center at 6:37 p.m. Service headways average approximately 50 minutes.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 16/18 was 494 boardings; by April 2012, ridership had increased 48 percent. As shown on Figures 8 and 9, stop activity in the UNM area (identified by the yellow box) is much higher for the westbound route (north on University) than the eastbound (south on University) route. It is very likely that stop activity within the Study Area will have increased significantly in 2012 given the high overall route ridership increase.

Figure 8

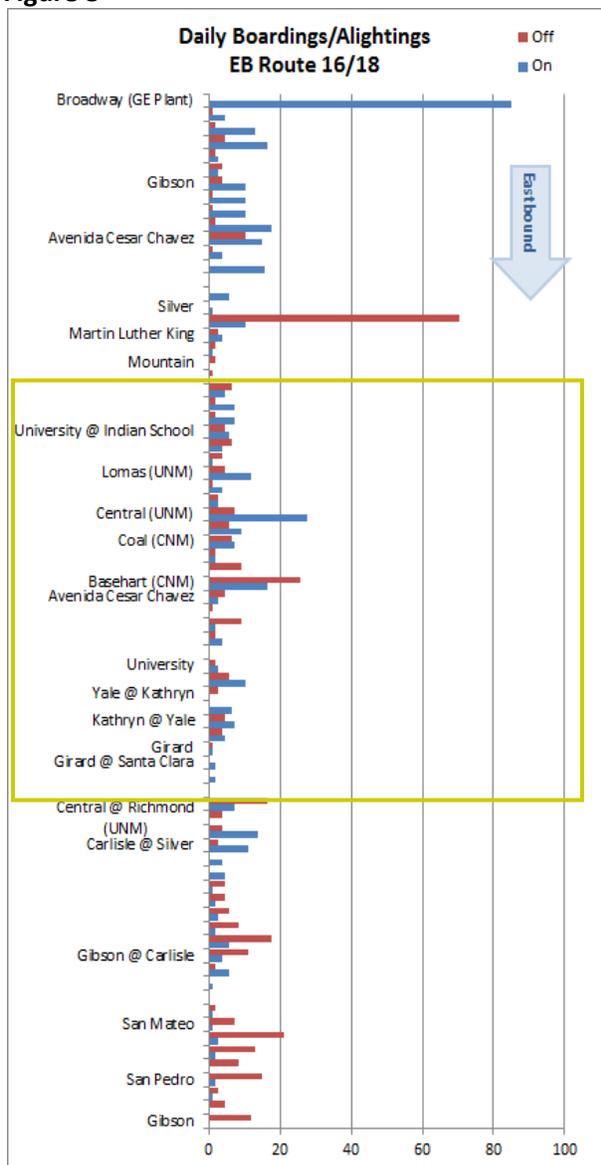
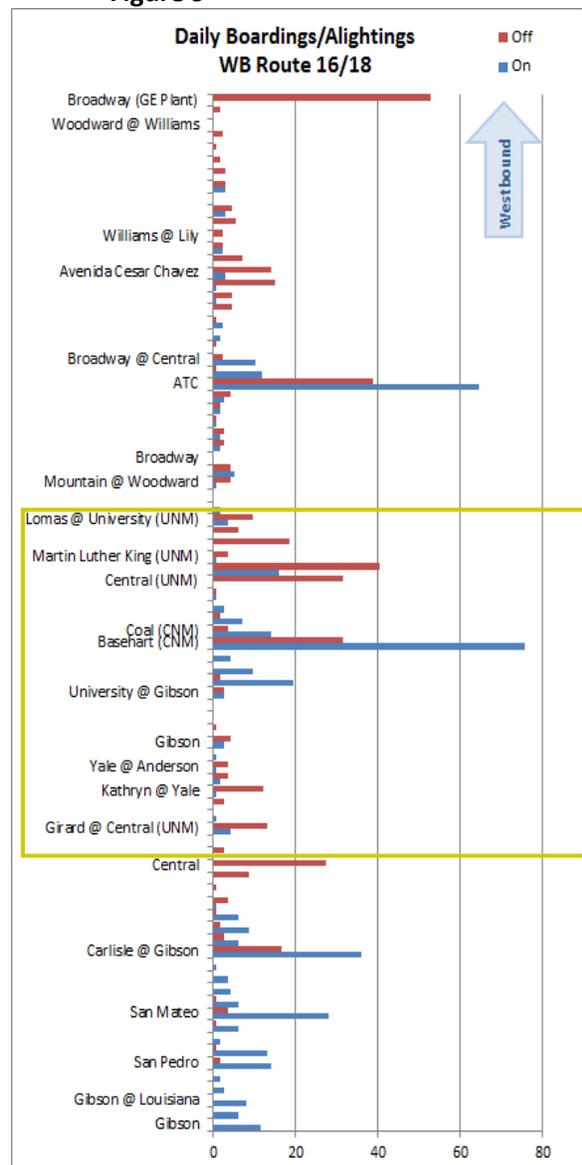


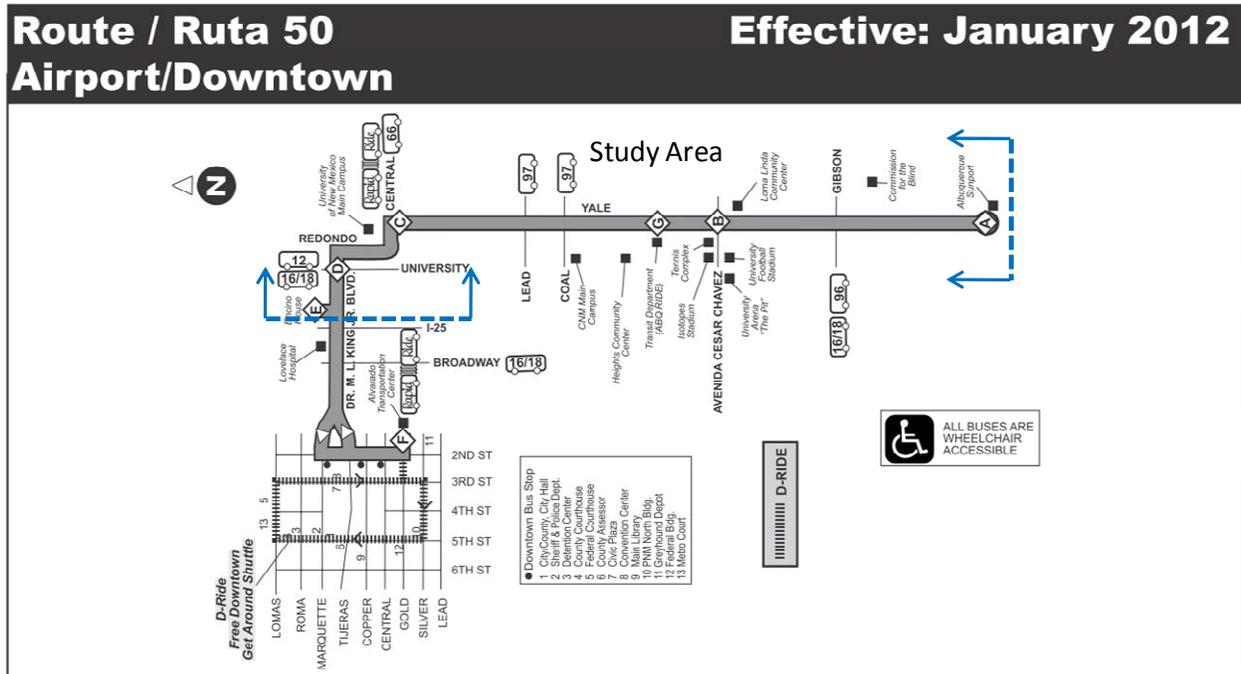
Figure 9





**Route Productivity:** Based on the April 2012 counts, Route 16/18 has a weekday productivity of 22 boardings per hour, which is low productivity compared to other ABQ RIDE routes.

**Route 50 Airport/Downtown**



**Route/Service Description:** Route 50 connects the Alvarado Transit Center in downtown Albuquerque with Sunport Airport. The route travels north/south on Yale Boulevard, jogs to Redondo, then east-west on Dr. M. L. King Boulevard east of Redondo. The route serves the main UNM campus and the eastern side of CNM. Route 50 provides 27 westbound /northbound trips and 26 eastbound/southbound trips per weekday, with the first arrival at the Alvarado Transit Center and 7:20 a.m. and the last departure from the transit center at 6:07 p.m. Evening service is provided between Yale and Central and the airport until about 8:00 p.m. Service headways average approximately 30 minutes. Route 50 provides Saturday service with somewhat reduced service spans and headways of approximately one hour. Route 50 has very frequent stops within the Study Area, with 17 stops south/eastbound and 19 stops north/westbound.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 50 was 685 boardings; by April 2012, ridership had increased 5 percent. Route 50 ridership is weak in the northwestern part of the Study (stops not proximate to UNM), but fairly evenly distributed through the rest of the route. The highest ridership stop is at Yale and Central, where Route 50 connects with frequent service along Central Avenue. Airport activities (boardings and alightings) total about 88, which equates to about three activities per bus trip.

**Table 4: Route 50 Average Weekday Ridership - April 2011 Counts**

Route 50 Stops in Study Area	South/Eastbound		North/Westbound	
	Boardings	Alightings	Boardings	Alightings
MLK & Mulberry/Oak *	0	0	8	4
MLK & Cedar *	0	0	0	4
MLK & Sycamore *			0	0
MLK & Ash *			0	4
MLK & University	3	5	0	29
Redondo & UNM Eng.	0	8	8	8
Redondo & Yale	27	27	8	17
Yale & Central	63	19	4	136
Yale & Silver/Lead	30	5	0	8
Yale & Coal	30	19	25	25
Yale & Eton	0	8		
Yale & St. Cyr/Garfield	5	11	12	8
Yale & Cesar Chavez	3	11	70	8
Yale & Kathryn	0	22	21	4
Yale & Anderson	8	22		
Yale & Ross	0	16	37	0
Yale & Gibson *	8	32	12	17
Yale & Renard *			4	0
Yale & Alamo *			45	0
Yale & Randolph *	0	71	34	0
Airport Terminal *	0	38	50	0
Totals	177	314	338	272

\*These stops are in the Study Area, but not proximate to UNM or CNM.

Figures 10 and 11 (next page) show stop activity for the entire route, with stops within Study Area indicated by the yellow box. In addition to carrying riders from the Alvarado Transit Center to the UNM campus, it appears that Route 50 is also used for travel between the campus area/Central Avenue and destinations in the southern portion of the Study Area, including the airport.

**Route Productivity:** Based on the April 2011 counts, Route 50 has a weekday productivity of 30 boardings per hour.



Figure 10

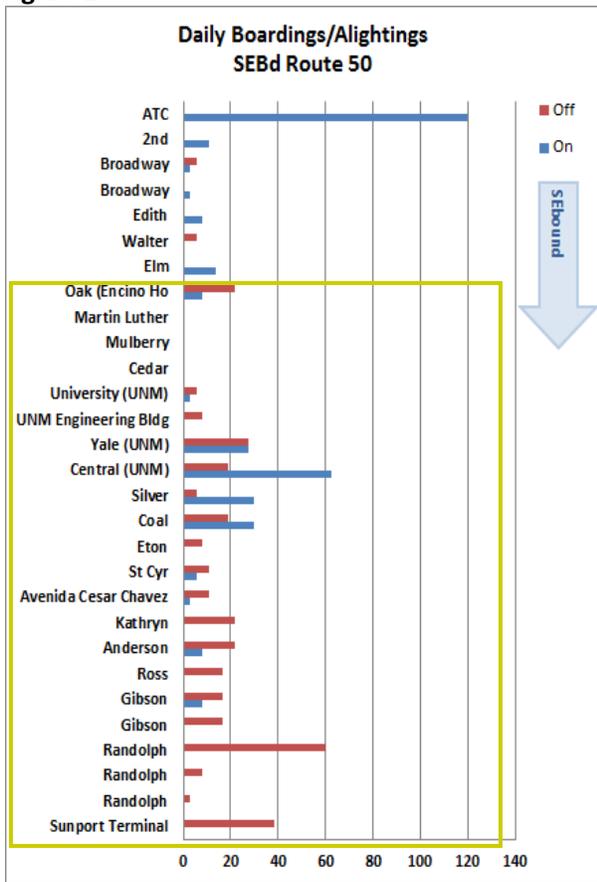
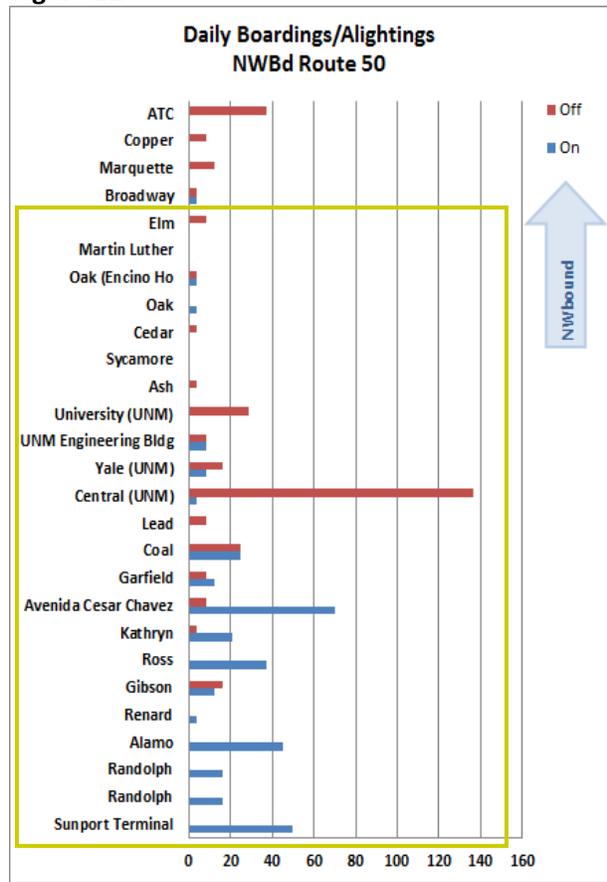
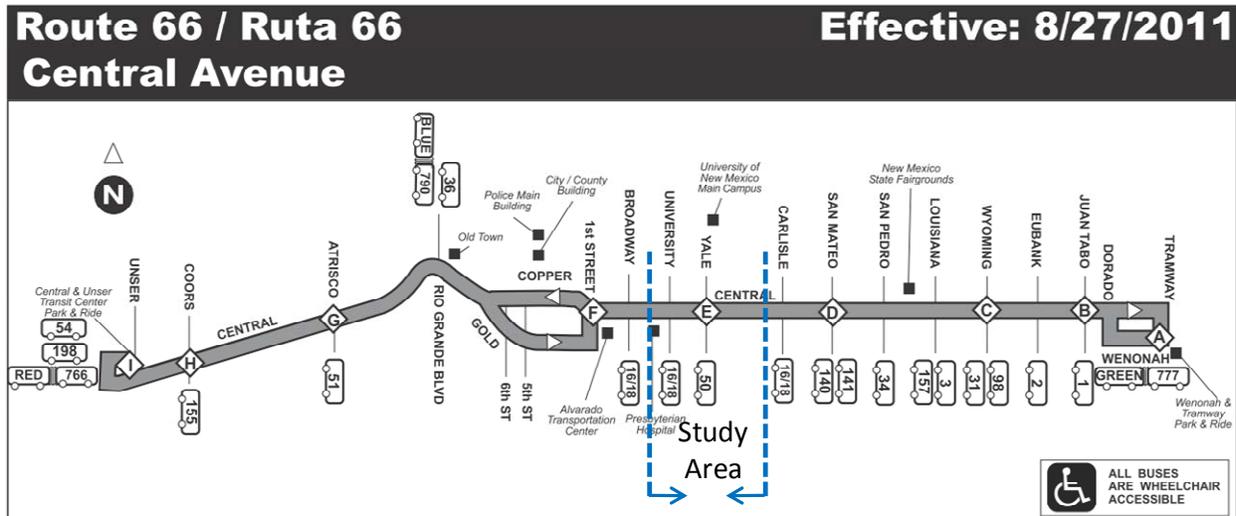


Figure 11



Route 66 Central Avenue



**Route/Service Description:** Route 66 operates along Central Avenue between the Central and Unser Transit Center and Tramway Boulevard. Route 66 has the highest ridership and most service of any ABQ route. It travels through the Study Area east/west on Central Avenue, serving the south side of the main



campus of the University of New Mexico. Route 66 provides 67 westbound and eastbound trips per weekday, with a service span from about 5:30 a.m. to 12:30 a.m. Service headways average approximately 15 minutes until 8:00 p.m. Route 66 provides Saturday and Sunday service with reduced service spans, but with service frequencies that match or exceed weekdays.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 66 was 8,426 boardings; by April 2012, ridership had increased 6 percent. There are eight eastbound and eight westbound stops within the Study Area.

**Table 5: Route 66 Average Weekday Ridership - April 2011 Counts**

Route 66 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Central & Cedar/Mulberry *	60	47	29	22
Central & Maple/Spruce *	28	38	32	36
Central & Ash *			25	22
Central & University	145	88	158	129
Central & Mesa	75	41		
Central & Yale	126	94	208	122
Central & Cornell	167	41	29	104
Central & Columbia	22	35		
Central & Girard	91	85	133	115
Totals	714	469	614	550

\*These stops are in the Study Area, but not proximate to UNM or CNM.

Route 66 ridership is fairly evenly distributed eastbound and westbound, suggesting that the route brings riders into the Study Area from both the east and west ends of the route. There are more boardings than alightings (both eastbound and westbound) suggesting that some riders are using Route 66 to get home, but using other routes to reach the Study Area. This may be because Route 66 operates later than other routes on Central Avenue and may be the only return trip option for late evening riders. The stops in the Study Area account for about 16 percent of all weekday boardings on Route 66, and nearly 28 percent of the riders on Route 66 travel to or from the UNM/CNM Area.

Stop activity and on-board loads for the entire Route 66 is shown for eastbound service on Figures 12 and 13 and for westbound service on Figures 14 and 15. Stops serving the UNM/CNM area are identified by the yellow box. Note that these stops occur at some of the highest load points on the routes, indicating full buses through the Study Area.



Figure 12

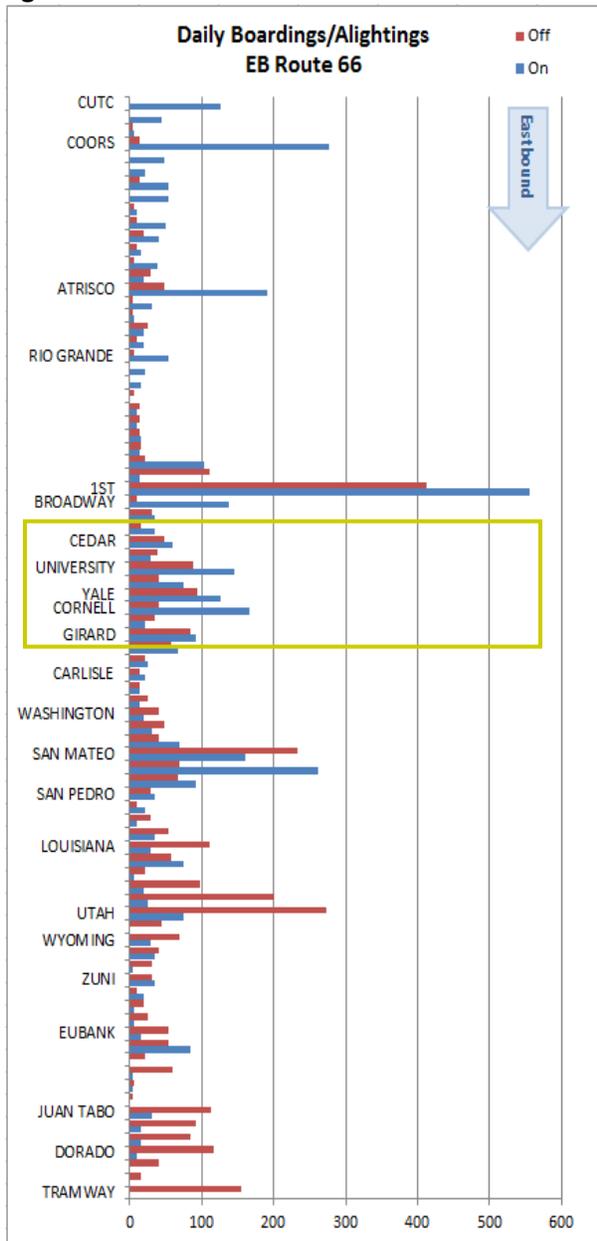


Figure 13

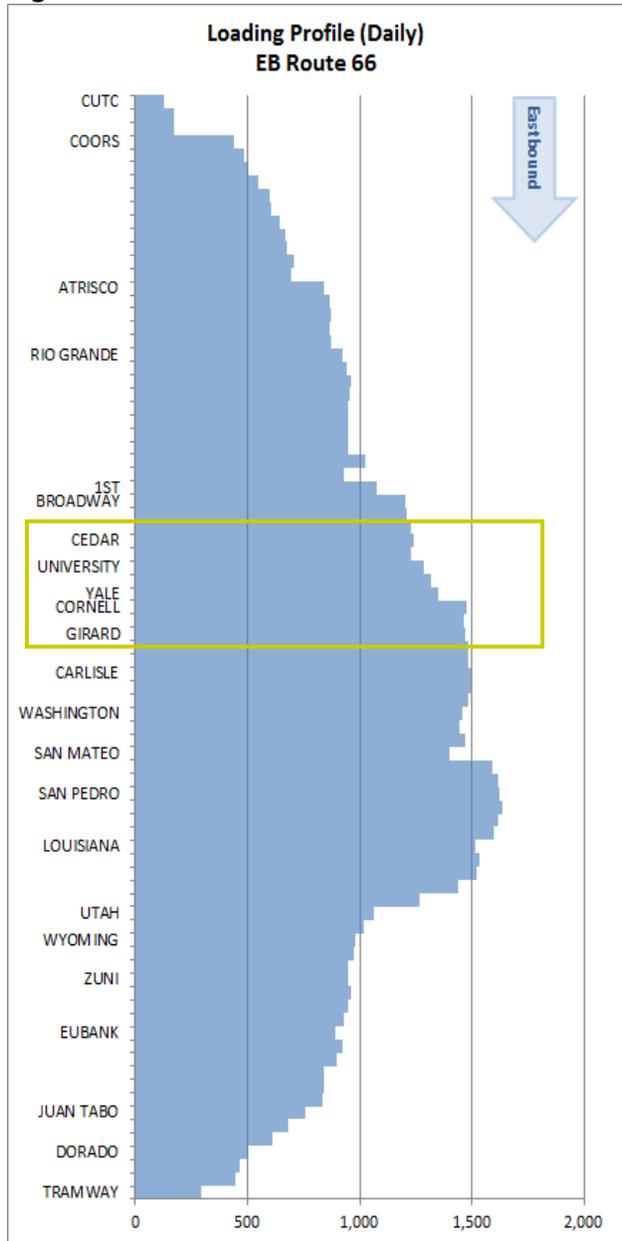




Figure 14

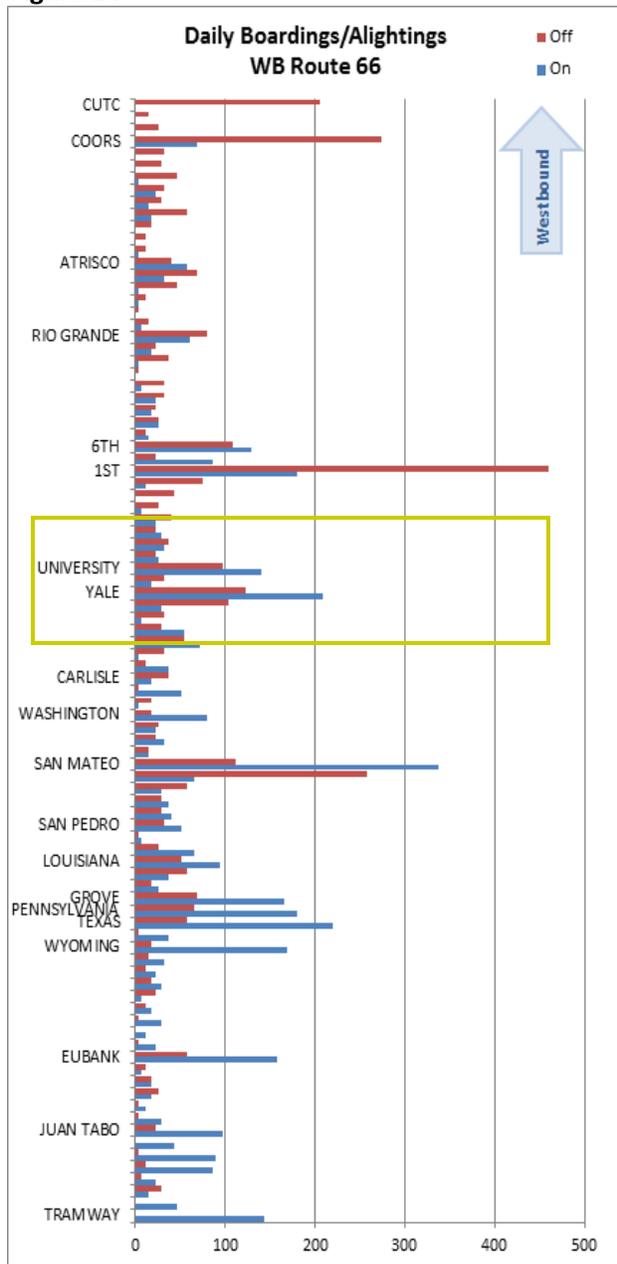
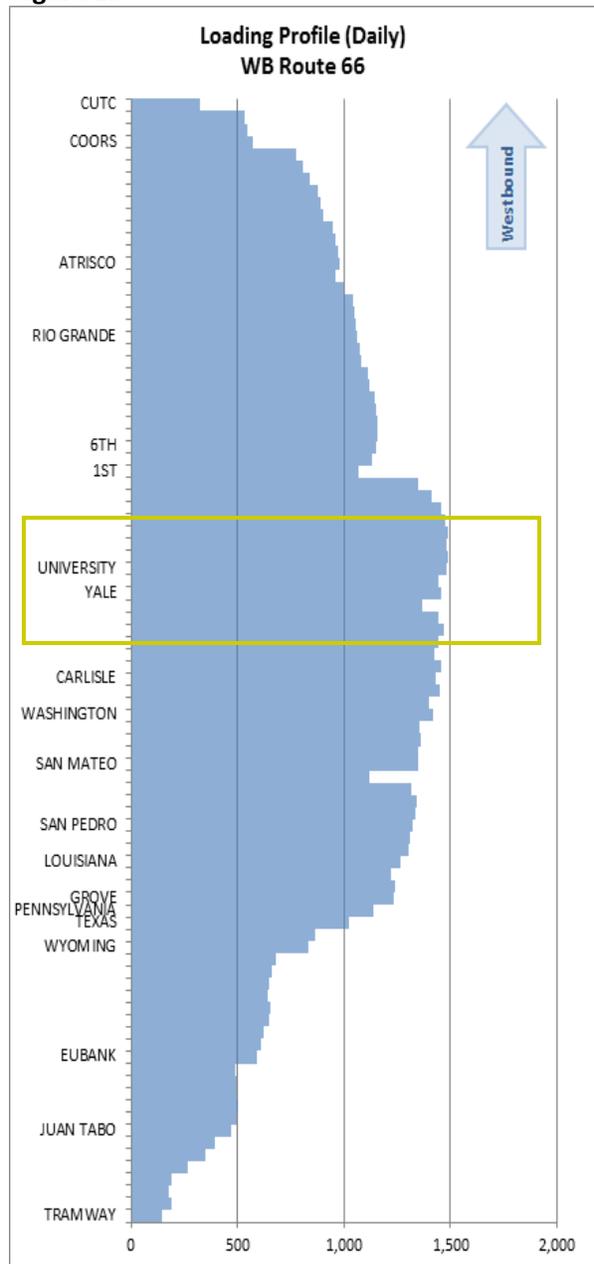


Figure 15

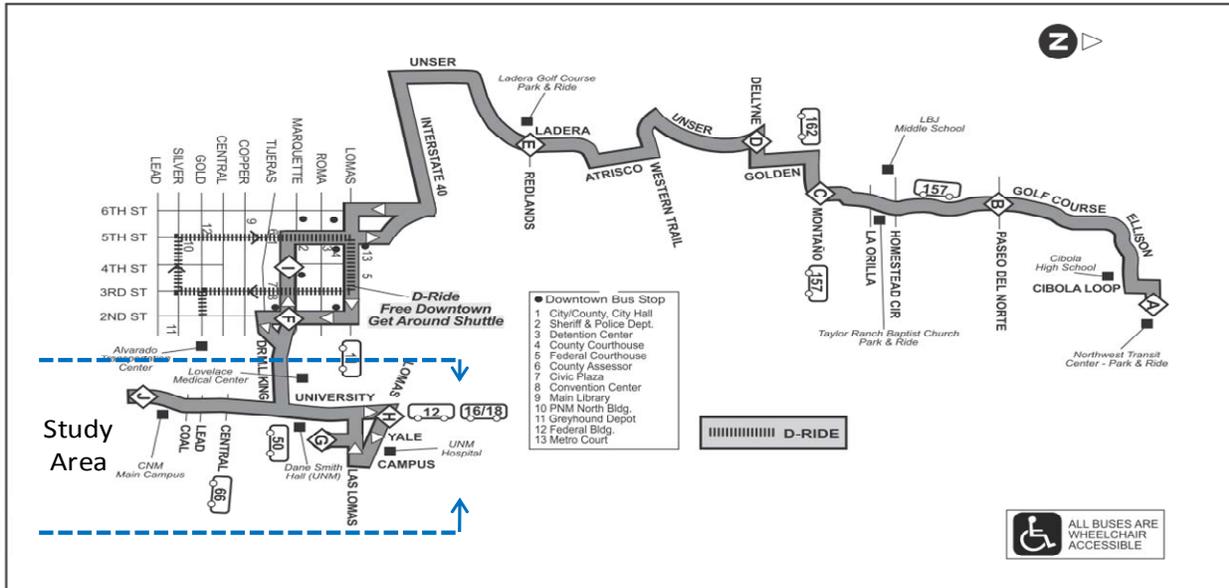


**Route Productivity:** Based on the April 2012 counts, Route 66 has a weekday very high productivity of 60 boardings per hour.



**Route 92 Taylor Ranch Express**

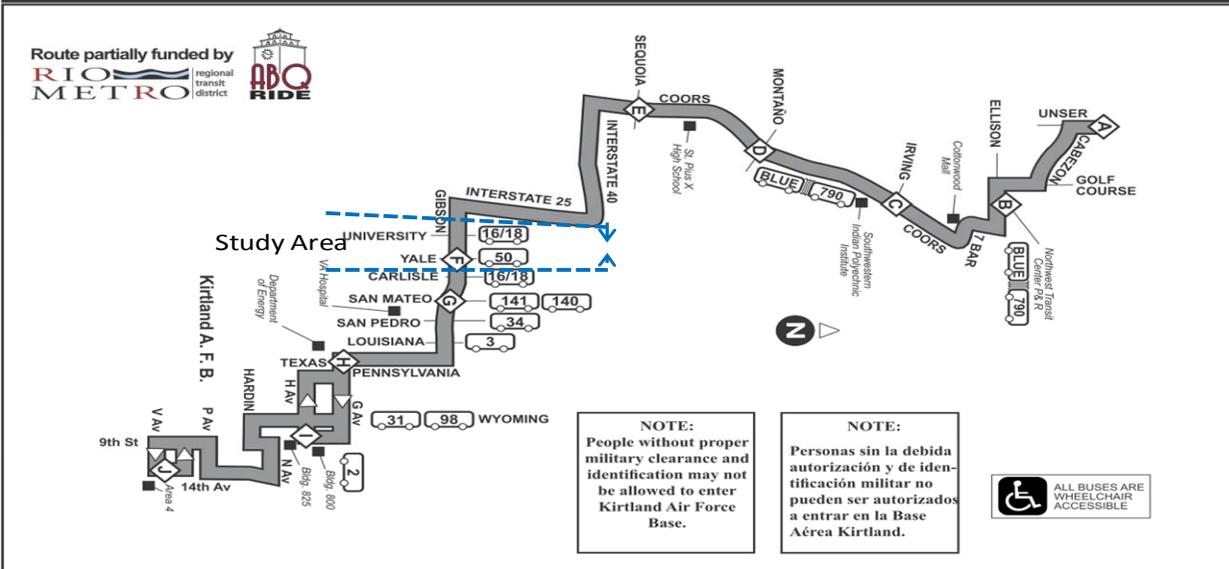
**Route / Ruta 92 Effective: January 2012  
Taylor Ranch Express**



**Route/Service Description:** Route 92 is a commuter route that connects northwest Albuquerque and the Northwest Transit Center with downtown Albuquerque and the UNM/CNM area. Within the Study Area, the route travels on Dr. M. L. King Boulevard, University Boulevard, and loops through Lomas and Yale Boulevards near the UNM main campus and the UNM Hospital. The route also serves the CNM campus. Route 92 provides two southbound trips in the morning peak hours and two northbound trips during the afternoon peak. There is no Saturday or Sunday service on Route 12.

**Route 96 Crosstown Commuter**

**Route 96 / Ruta 96 Effective: January 2012  
Crosstown Commuter**



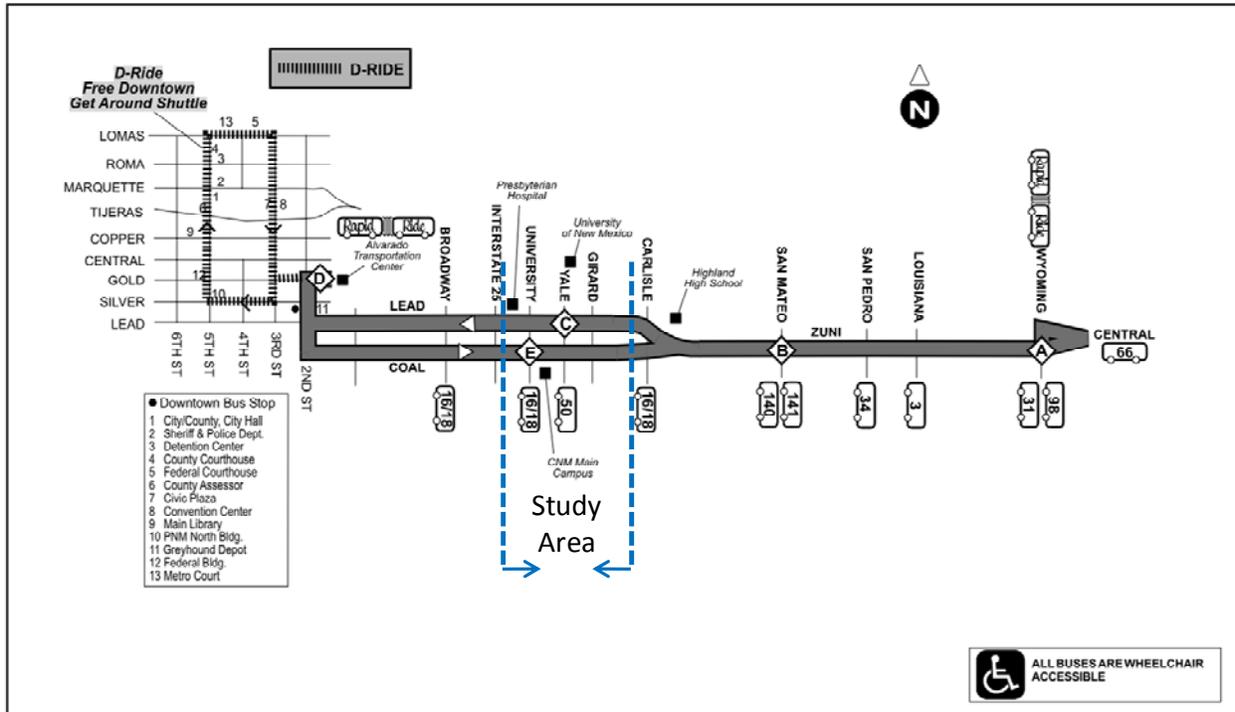


**Route/Service Description:** Route 96 is a commuter route that connects the northwest part of Albuquerque and the Northwest Transit Center with southeast Albuquerque and Kirtland Air Force Base. The route serves Gibson Road along the southern portion of the Study Area. The route does not directly serve UNM or CNM. Route 92 provides five southbound trips in the morning peak hours and five northbound trips during the afternoon peak. There is no Saturday or Sunday service on Route 12.

**Route 97 Zuni**

**Route 97 | Ruta 97 - Zuni**

**Effective: 12/19/2009**



**Route/Service Description:** Route 97 connects the Alvarado Transit Center in downtown Albuquerque with Zuni Boulevard to the east. The route operates on Coal Avenue (eastbound) and Lead Avenue (westbound) within the Study Area, travelling south of the UNM main campus and north of CNM. Route 97 provides 13 westbound and 13 eastbound trips per weekday, providing hourly service between the hours of 6:00 a.m. and 7:00 p.m. There is no Saturday or Sunday service on Route 97.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 50 was 250 boardings; by April 2012, ridership had increased 19 percent. There are five eastbound and five westbound stops within the Study Area.



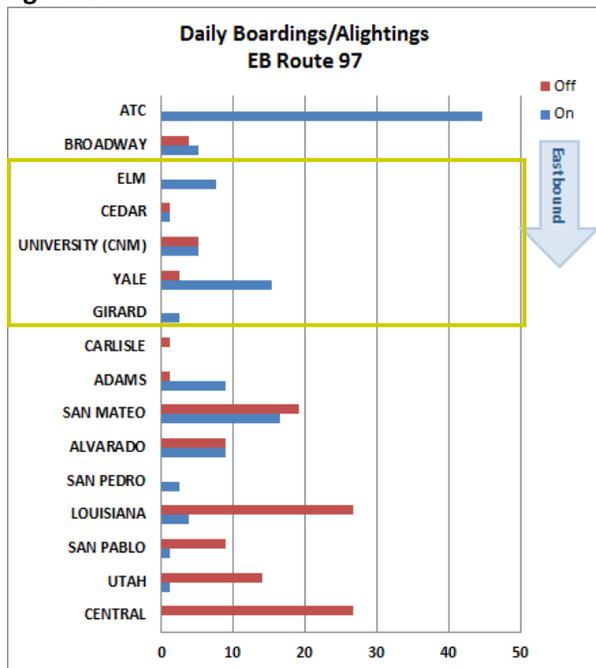
**Table 6: Route 97 Average Weekday Ridership - April 2011 Counts**

Route 97 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Coal/Lead & Elm *	3	0	0	3
Coal/Lead & Cedar *	15	3	0	8
Coal/Lead & University/Mesa	5	5	1	4
Coal/Lead & Yale	1	1	6	9
Coal/Lead & Girard	3	0	1	8
<b>Totals</b>	<b>27</b>	<b>9</b>	<b>8</b>	<b>32</b>

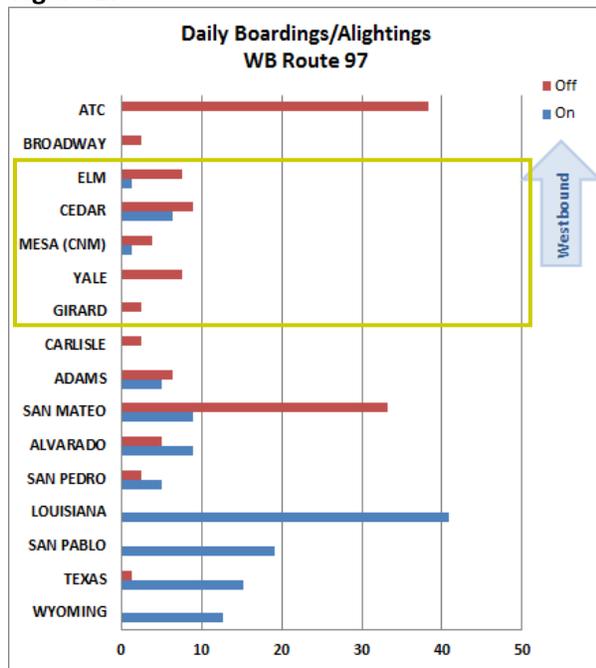
\*These stops are in the Study Area, but not near UNM or CNM.

Based on April 2011 stop-level ridership counts, Route 97 has fairly low ridership and ridership productivity. The stops in the Study Area average a combined five activities (boardings and alightings) per bus trip, or about one activity per stop per bus trip. Ridership in 2012 has increased nearly 20 percent, so activity levels at these stops have likely increased. However, even with an increase, activity levels are low.

**Figure 16**



**Figure 17**

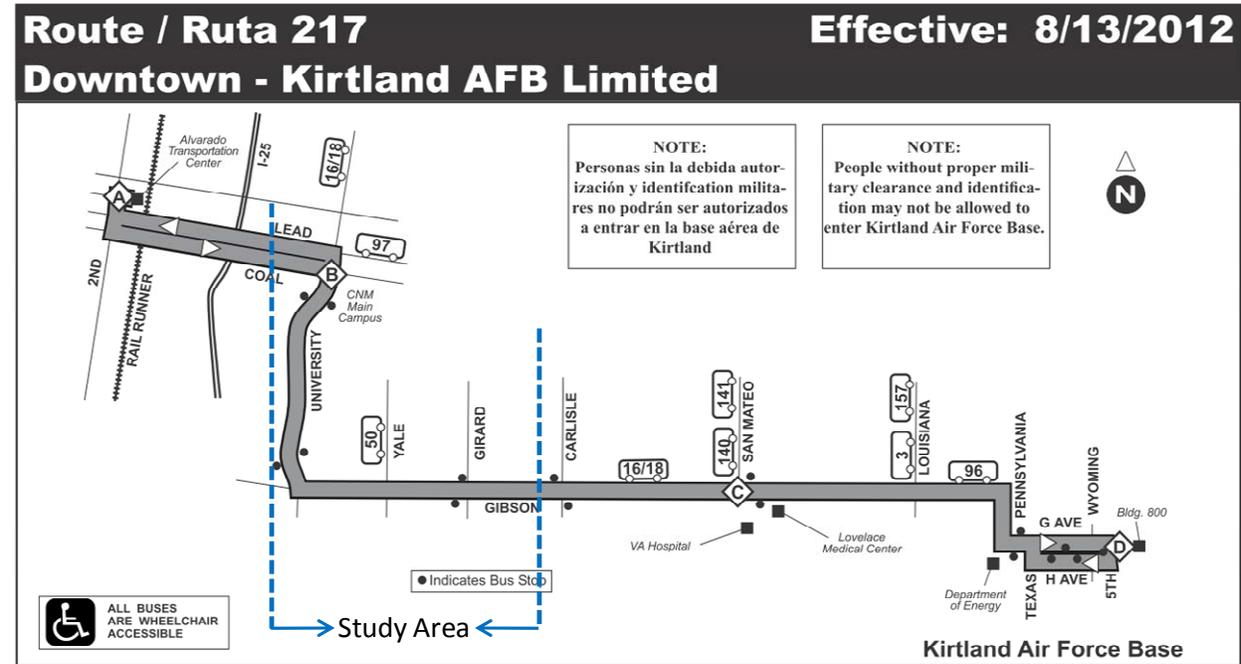


Figures 16 and 17 show stop activity for the entire route, with stops in the Study Area shown in the yellow box. It is clear from this data that the stops near UNM and CNM are not among the most used stops on the route.

**Route Productivity:** Based on the April 2012 counts, Route 97 has a relatively low weekday ridership productivity of 27 boardings per hour.

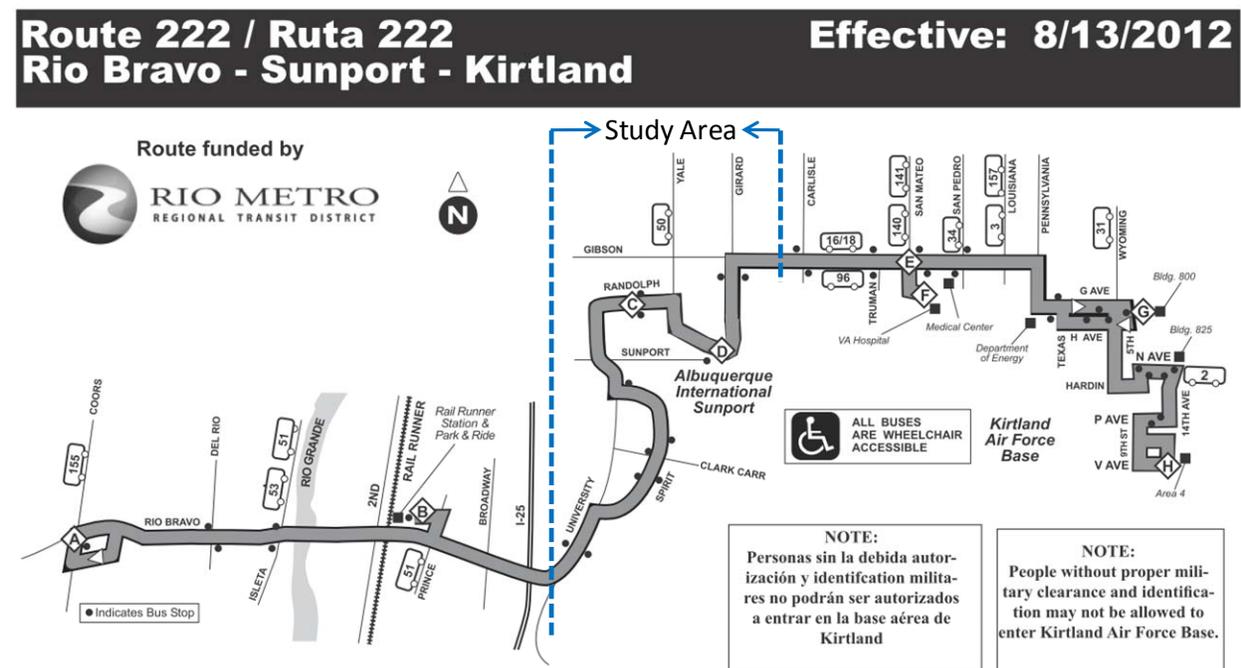


**Route 217 Downtown – Kirtland AFB Limited**



**Route/Service Description:** Route 217 is a limited service route that connects the Alvarado Transit Center in downtown Albuquerque with Kirtland Air Force Base to the southeast. The route travels through the Study Area on Coal Avenue (eastbound), Lead Avenue (westbound), University Boulevard, and Gibson Road. Route 217 provides three trips per day in each direction, with two morning eastbound trips, one afternoon eastbound trip, one morning westbound trip, and two afternoon westbound trips. There is no Saturday or Sunday service on Route 217.

**Route 222 Rio Bravo – Sunport - Kirtland**

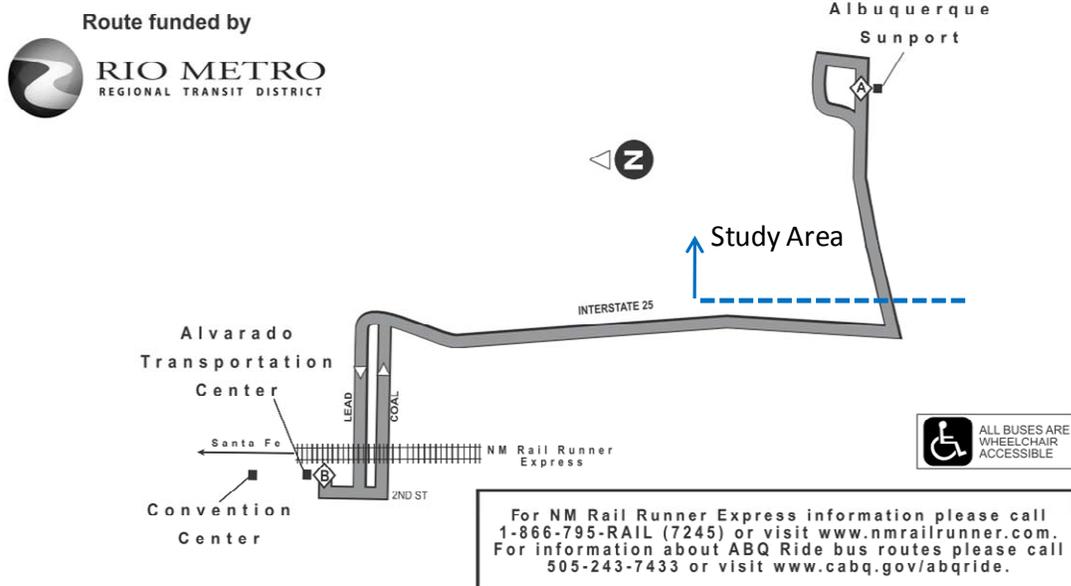




**Route/Service Description:** Route 222 is a commuter route that connects Rio Bravo Boulevard with Kirkland Air Force Base. The route touches the southeast part of the Study Area at Albuquerque Sunport and on Girard Boulevard south of Gibson Road. The route does not directly serve UNM or CNM. Route 222 provides six trips per day in each direction, with four morning eastbound trips, two afternoon eastbound trip, one morning westbound trip, and five afternoon westbound trips. There is no Saturday or Sunday service on Route 222.

**Route 250 Downtown – Sunport Nonstop Express**

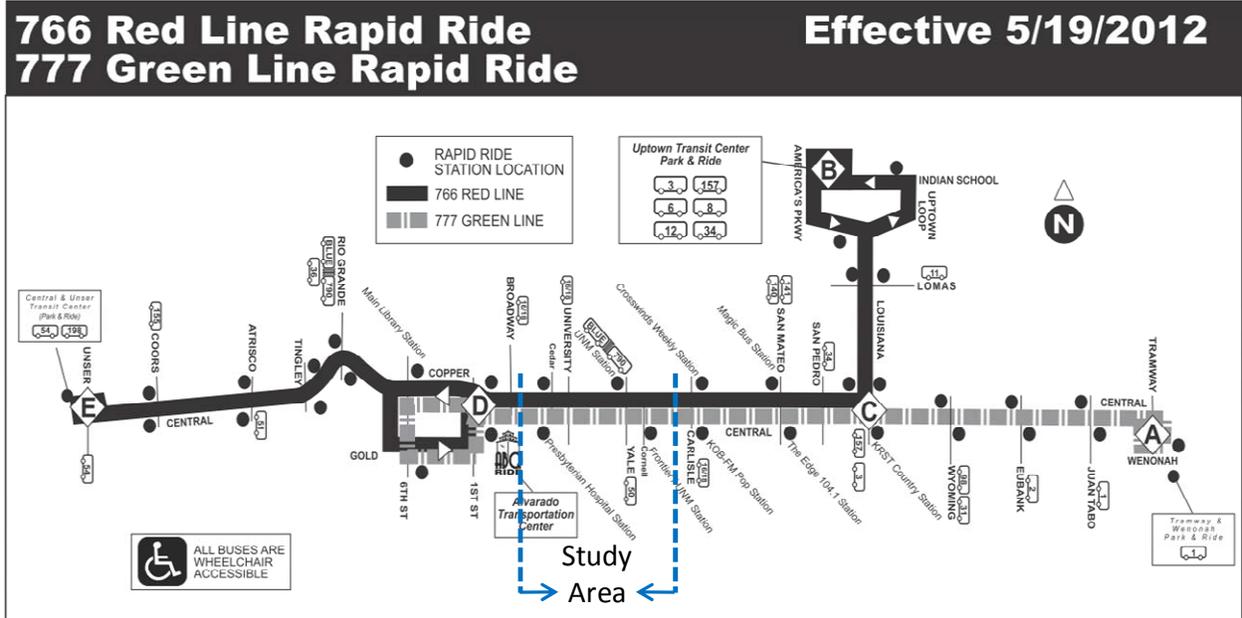
**Route / Ruta 250 Effective: 8/13/2012  
Downtown - Sunport Nonstop Express**



**Route/Service Description:** Route 250 provides non-stop service between the Alvarado Transit Center and Rail Runner Train Station and Albuquerque Sunport. The route touches the Study Area at the airport and does not directly serve UNM or CNM. Route 250 provides four trips per day northbound (toward downtown), with one morning trip and three afternoon trips, and seven trips southbound (toward the airport), with two morning trips and five/evening trips. There is no Saturday or Sunday service on Route 222.



**Route 766 Red Line Rapid Ride**



**Route/Service Description:** Route 766 is part of ABQ Ride’s Rapid Ride system. The route travels between the Uptown Transit Center and the Central and Unser Transit Center, with service to the downtown Albuquerque. The route travels along Central Avenue through the Study Area. Route 766 provides service every 15-16 minutes throughout weekday daytime. The service span is from approximately 5:30 a.m. to 9:30 p.m. Saturday and Sunday service are also provided, with slightly reduced service span and service every 20 to 22 minutes during most of the day.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 766 was 5,021 boardings; by April 2012, ridership had increased 7 percent. There are two eastbound and two westbound stops within the Study Area.

**Table 7: Route 766 Average Weekday Ridership - April 2011 Counts**

Route 766 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Central & Cedar *	93	60		
Central & Mulberry *			60	94
Central & Cornell	522	399		
Central & Yale			500	551
Totals	615	459	560	645

\*These stops are in the Study Area, but not proximate to UNM or CNM.

Route 766 carries between 1,100 and 1,200 riders per weekday to the Study Area, with slightly more traveling from the east (Uptown Transit Center) than from the west (Central and Unser Transit Center). About 23 percent of the total boardings on the route are from the stops in the Study Area, mostly from the Central and Cornell and Central and Yale stops near UNM.



Figures 18 and 19 show stops activity for the entire route, with stops in the Study Area indicated by the yellow box. The figures show that the UNM stop is among the highest use stops on the route.

Figure 18

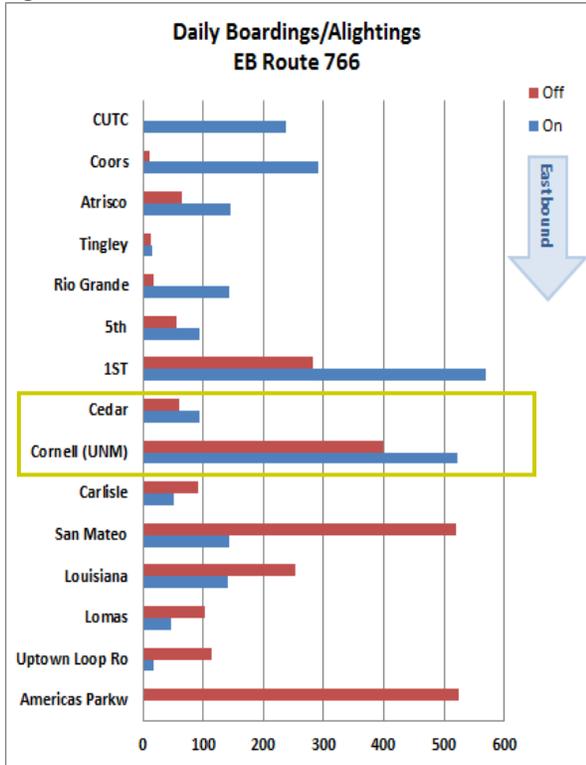
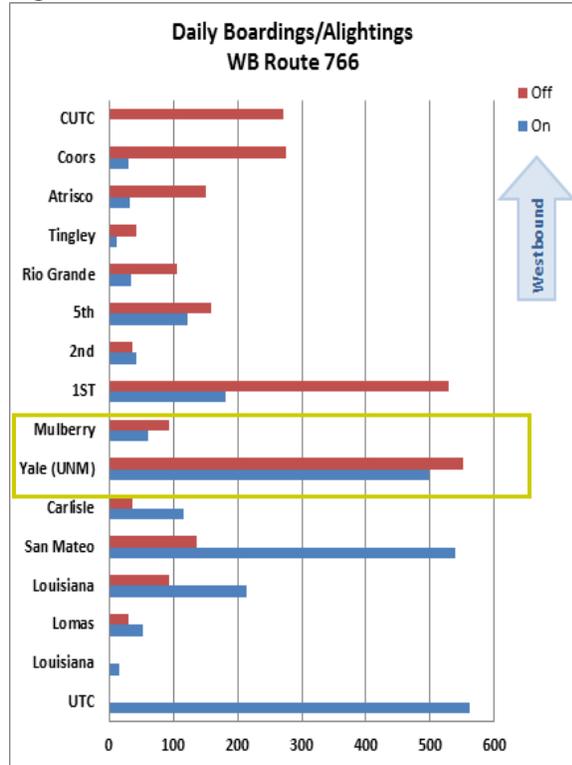
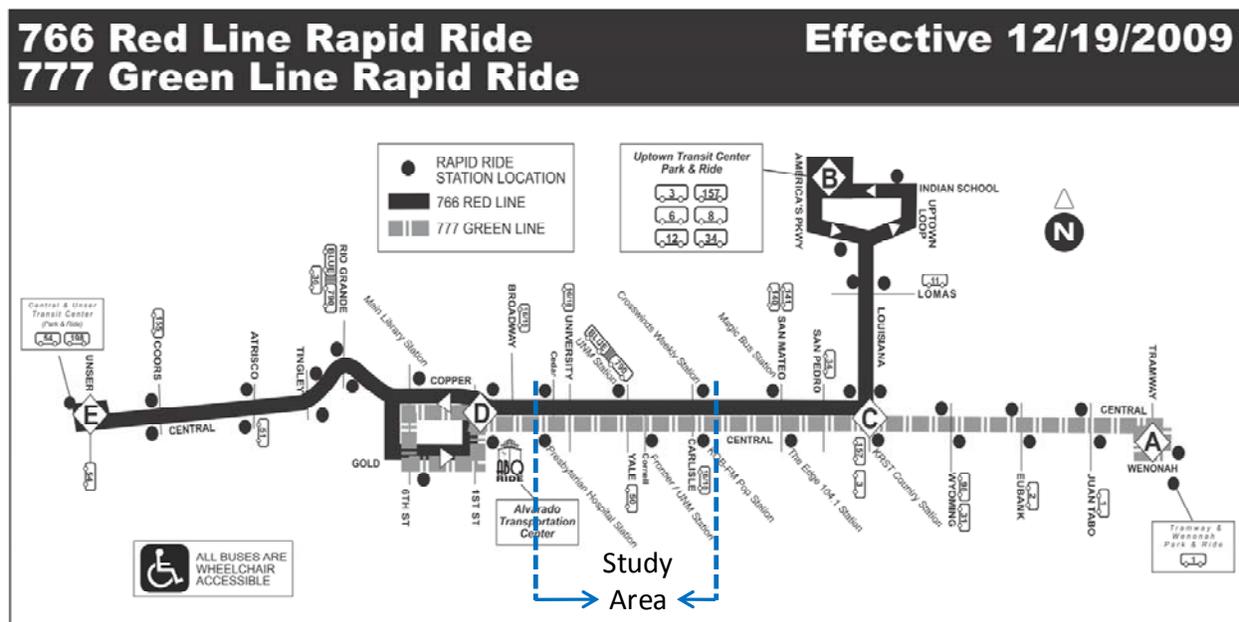


Figure 19



**Route Productivity:** Based on the April 2012 counts, Route 766 has a very strong weekday productivity of 61 boardings per hour.

**Route 777 Green Line Rapid Ride**





**Route/Service Description:** Route 777 is part of ABQ Ride’s Rapid Ride system. The route travels between the Tramway and Wenonah Park and Ride and downtown Albuquerque. The route travels along Central Avenue through the Study Area. Route 777 provides service every 15-18 minutes throughout weekday daytime. The service span is from approximately 5:30 a.m. to 9:30 p.m. Saturday and Sunday service are also provided, with slightly reduced service span and service every 20 to 22 minutes during most of the day.

**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 777 was 3,833 boardings; by April 2012, ridership had increased 2 percent. There are two eastbound and two westbound stops within the Study Area.

**Table 8: Route 777 Average Weekday Ridership - April 2011 Counts**

Route 777 Stops in Study Area	Eastbound		Westbound	
	Boardings	Alightings	Boardings	Alightings
Central & Cedar *	91	36		
Central & Mulberry *			52	60
Central & Cornell	472	331		
Central & Yale			255	493
Totals	563	367	307	553

\*These stops are in the Study Area, but not proximate to UNM or CNM.

Route 777 carries nearly 1,000 people to the Study Area, with approximately two-thirds from the east and one-third from the west (downtown). About 23 percent of the total boardings of the route are from the two stops in the Study Area, with an even greater number of riders getting off in the Study Area. That means that nearly half of the ridership on Route 777 is composed of riders travelling to or from the Study Area. The stops near UNM, Central and Cornell and Central and Yale, have much higher ridership than the other two stops in the Study Area.

Figures 20 and 21 (next page) show stop activity for the entire Route 777, with stops in the Study Area highlighted in the yellow box. The UNM stops are the second most used stops on the route.

**Route Productivity:** Based on the April 2012 counts, Route 777 has a weekday very high productivity of 66 boardings per hour.



Figure 20

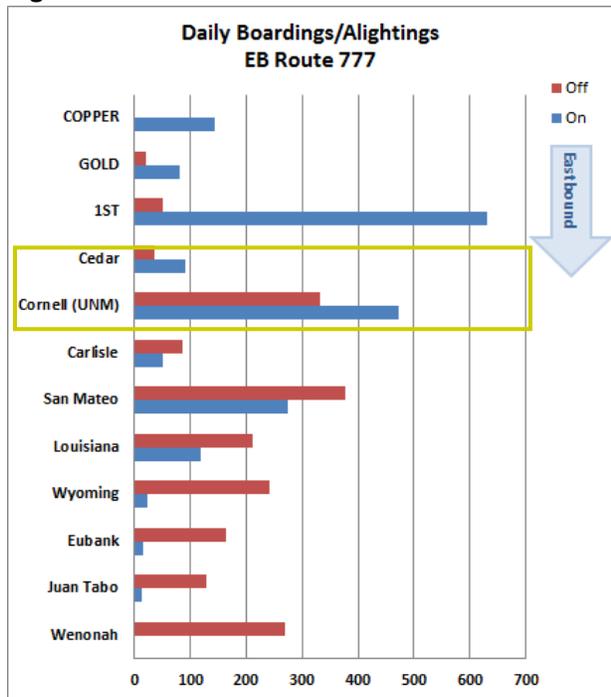
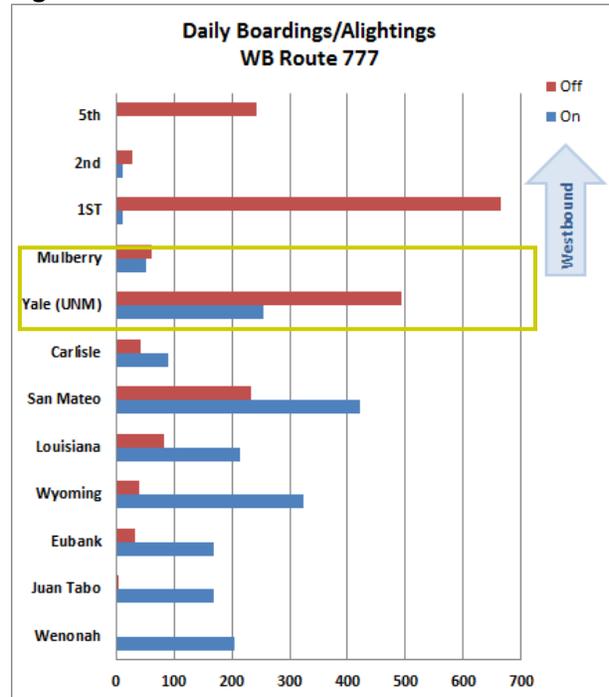
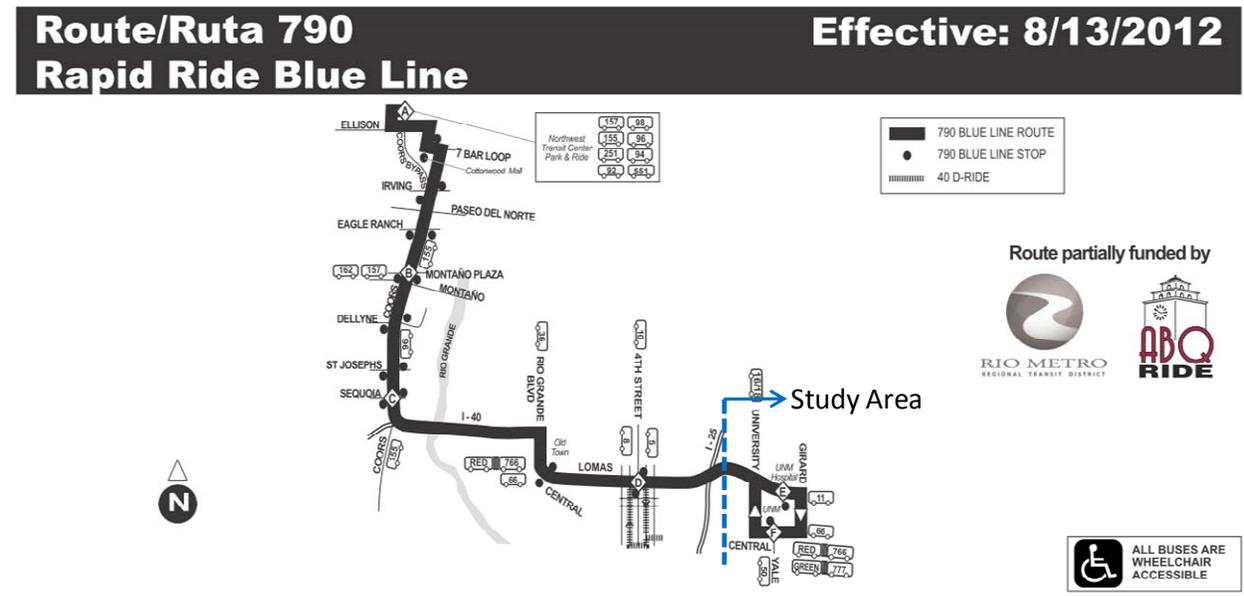


Figure 21



Route 790 Blue Line Rapid Ride



**Route/Service Description:** Route 790 is part of ABQ Ride’s Rapid Ride system. The route travels between the Northwest Transit Center and Park and Ride and the UNM main campus. Within the Study Area, the route does a loop of Lomas Boulevard, Girard Boulevard, Central Avenue, and University Boulevard. Route 790 provides service with headways that fluctuate between 6 minutes and 23 minutes throughout the day. The service span is from approximately 5:30 a.m. to 9:30 p.m. Saturday and



Sunday service are also provided, with slightly reduced service span and service every 20 to 22 minutes during most of the day.

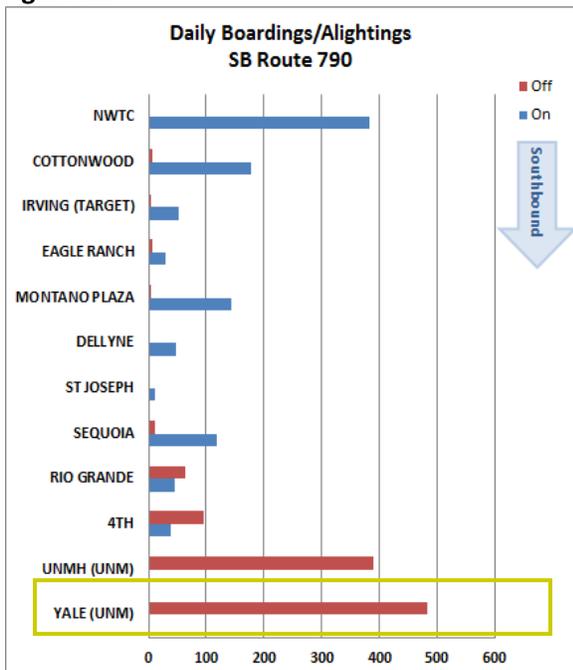
**Ridership:** Based on counts taken in April 2011, the average weekday ridership on Route 790 was 2,087 boardings; by April 2012, ridership had increased 9 percent. There are two stops in the Study Area at the southern terminus of the route.

**Table 9: Route 790 Average Weekday Ridership - April 2011 Counts**

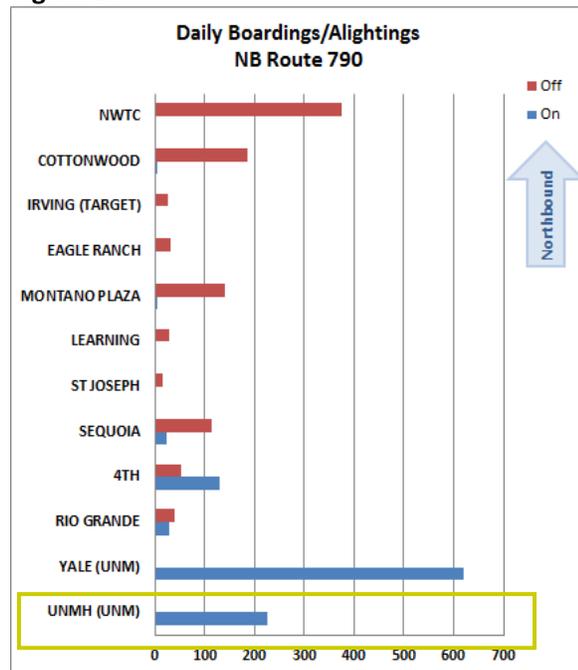
Route 790 Stops in Study Area	South/Eastbound		North/Westbound	
	Boardings	Alightings	Boardings	Alightings
Central & UNMH	0	388	226	0
Central & Yale	0	480	619	0
Totals	0	868	845	0

Route 790 carries about 1,700 people to or from the Study Area. That means that more than 80 percent of the riders on Route 790 are travelling to or from the UNM/CNM Area. The stop at Central and Yale is the primary stop for the route, accounting for about double the activities compared to the stop at the UNM Hospital. Figures 22 and 23 show stop activity for the entire route, and clearly indicate the high level of use of the UNM stops.

**Figure 22**



**Figure 23**



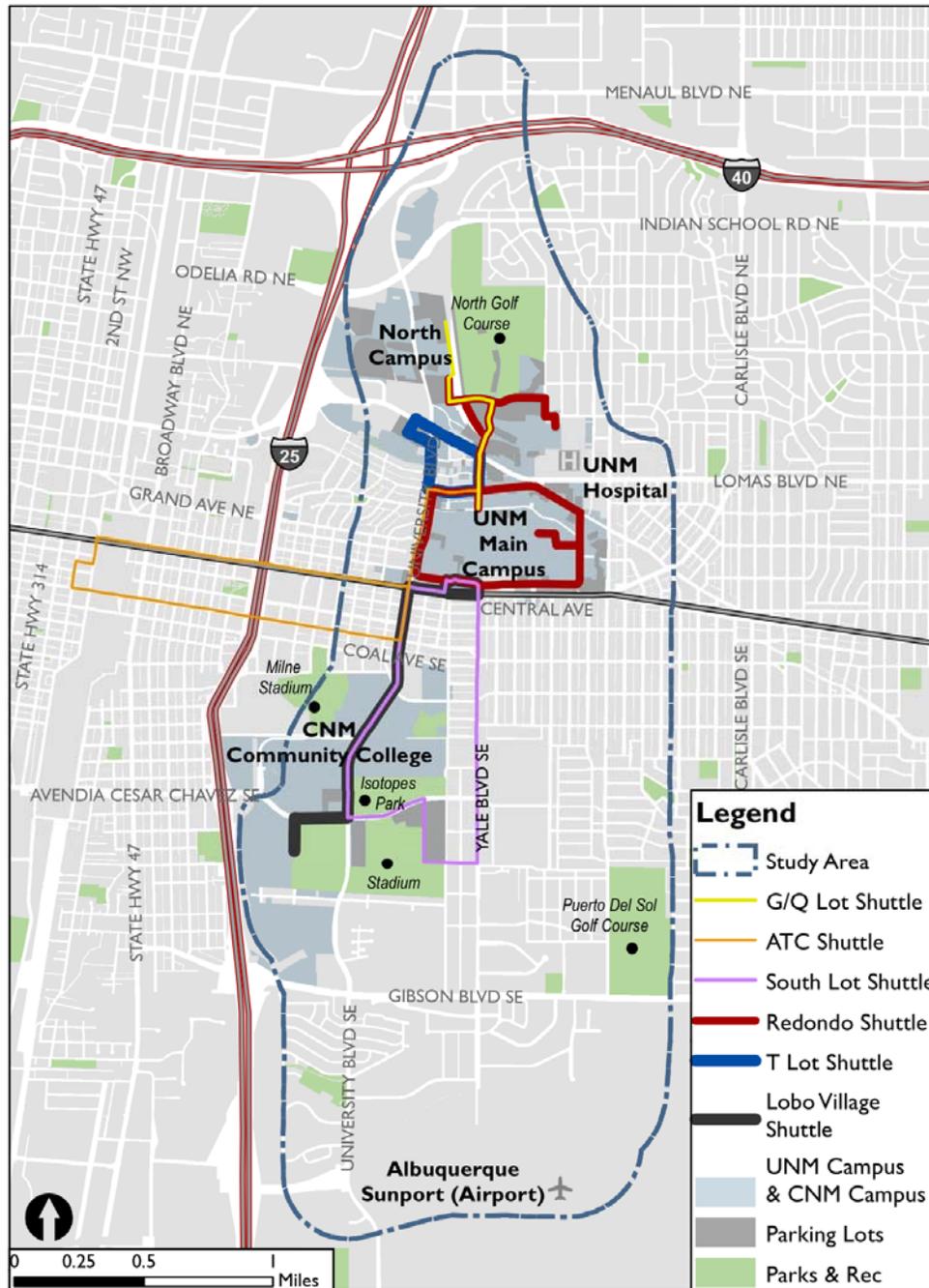
**Route Productivity:** Based on the April 2012 counts, Route 790 has a weekday productivity of 31 boardings per hour.



### University of New Mexico Parking and Transportation Services

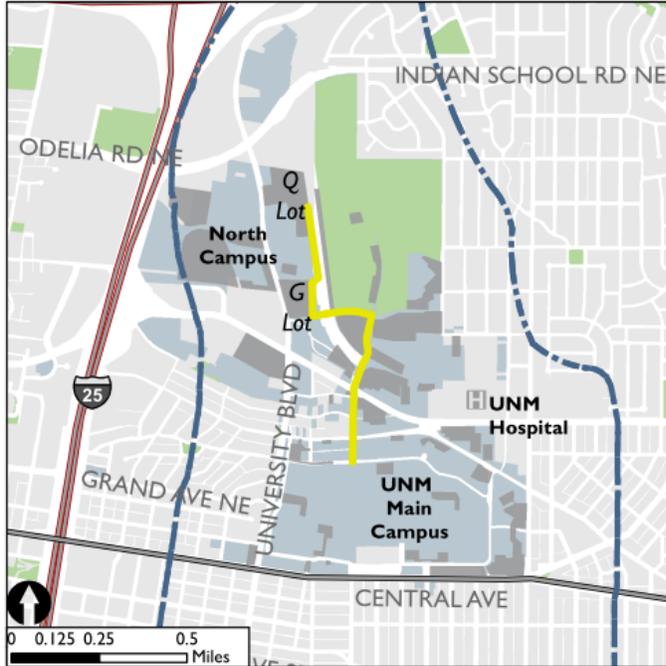
The University of New Mexico Department of Parking and Transportation Services (PATS) provides shuttles to the primary UNM campus from park and ride lots north and south of the campus as well as from Lobo Village and from the ATC Rail Runner. A total of six shuttles are operated during the school year, with an additional shuttle operating only during summer and academic breaks. This report includes a map of the shuttle system as well as information on each of the individual shuttles routes.

Figure 24. UNM Shuttle Routes





**G/Q Lot Shuttle**

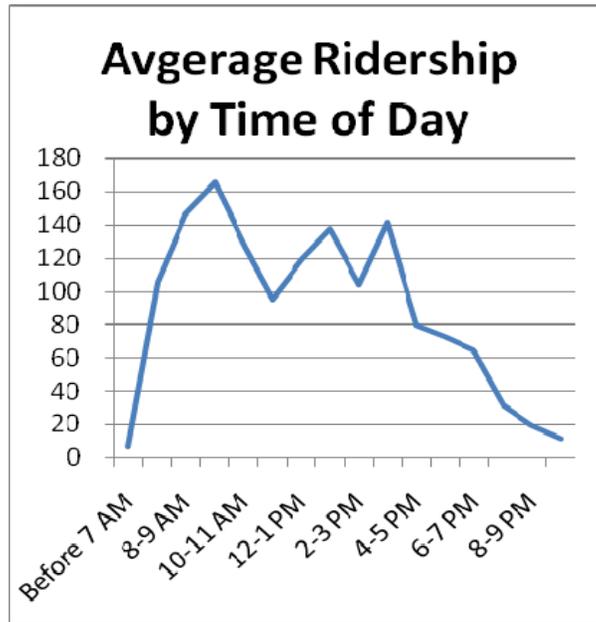


**Route/Service Description:** The G/Q Lot Shuttle connects the northern park and ride lots G and Q to the “Duck Pond” on the main UNM campus via Yale Boulevard. Service operates from 6:30 a.m. to 10:00 p.m. Monday through Thursday, with an earlier 7:00 p.m. ending time on Fridays and during summer and academic breaks. The G Lot has 718 parking spaces, and the Q Lot has 828 parking spaces.

**Ridership:** Based on data collected during a six week period in late August and September of 2012, lots Q and G provide an average of 1,431 rides per day on the shuttles.

**Table 10 / Figure 25: G/Q Shuttle Ridership**

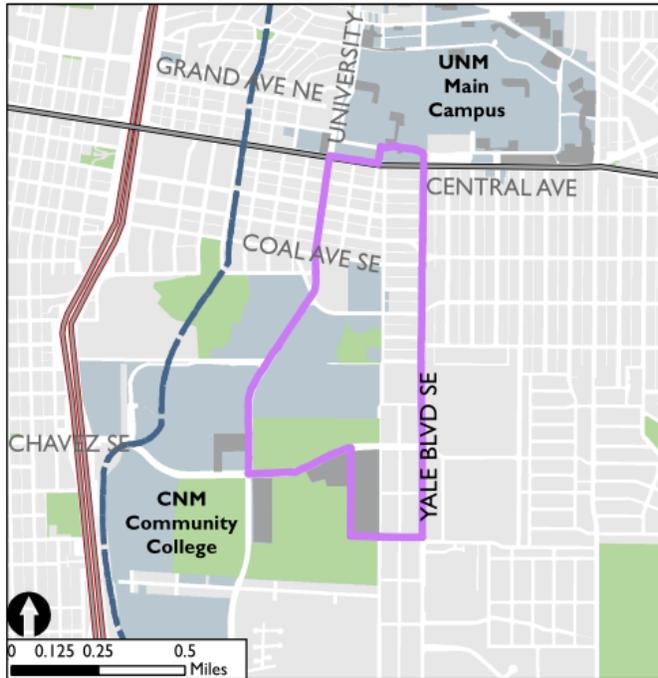
Time of Day	Average Ridership per Day
Before 7 AM	6
7-8 AM	105
8-9 AM	147
9-10 AM	166
10-11 AM	130
11 AM -12 PM	95
12-1 PM	120
1-2 PM	138
2-3 PM	104
3-4 PM	142
4-5 PM	79
5-6 PM	73
6-7 PM	64
7-8 PM	31
8-9 PM	19
After 9 PM	11
<b>Total</b>	<b>1,431</b>



As indicated by the graph, ridership on the G/Q Lot Shuttle is highest mid-morning through the middle part of the day, and then drops off significantly in the evening. The G/Q Lot Shuttle has the second highest ridership of the six shuttles provided by PATS.



**South Lot Shuttle**

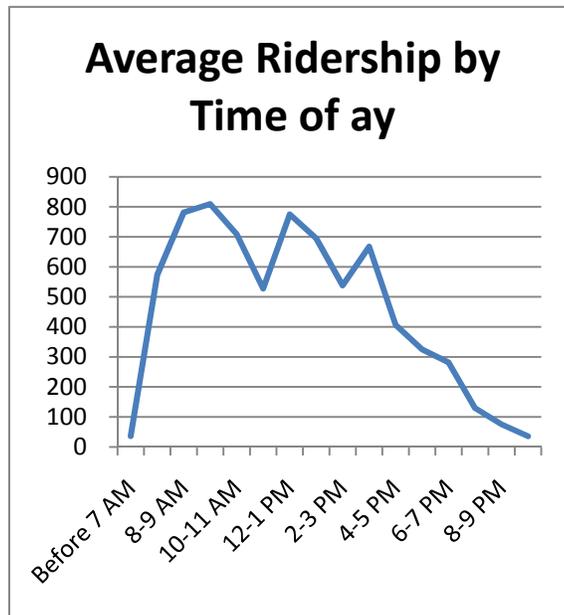


**Route/Service Description:** The South Lot Shuttle connects the South Lot Park and Ride near the UNM Stadium with the south edge of the main UNM campus, via Yale Boulevard (northbound) and University Boulevard (southbound). With 2, 106 spaces, the South Lot is the largest parking lot in the UNM park and ride system. Shuttle service operates from 6:30 a.m. to 10:00 p.m. Monday through Thursday, with an earlier 7:00 p.m. ending time on Fridays. There is no service during summer and academic breaks. CNM students can (unofficially) ride this UNM shuttle

**Ridership:** Based on data collected during a six week period in late August and September of 2012, the South Lot Shuttle carried 7,366 trips per weekday, which represents about 75 percent of all the shuttle rides provided by the PATS system.

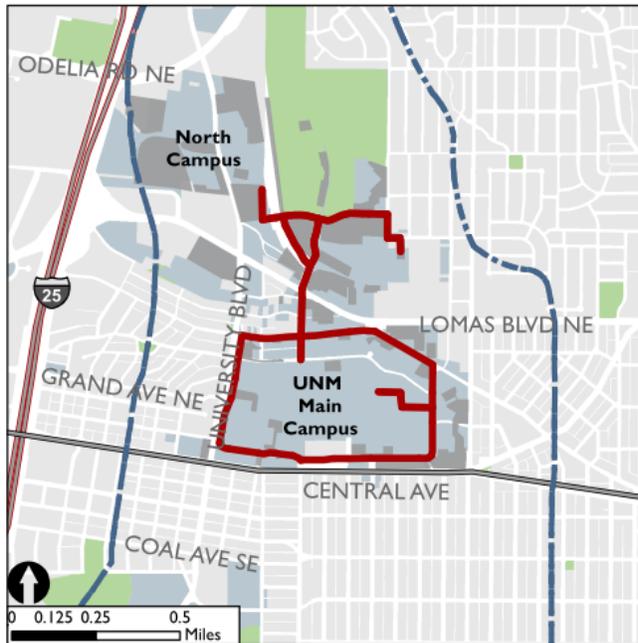
**Table 11/Figure 26: South Lot Shuttle Ridership**

Time of Day	Average Ridership per Day
Before 7 AM	36
7-8 AM	574
8-9 AM	781
9-10 AM	810
10-11 AM	709
11 AM -12 PM	527
12-1 PM	775
1-2 PM	695
2-3 PM	538
3-4 PM	667
4-5 PM	407
5-6 PM	325
6-7 PM	282
7-8 PM	130
8-9 PM	76
After 9 PM	36
<b>Total</b>	<b>7,366</b>





### Redondo Shuttle

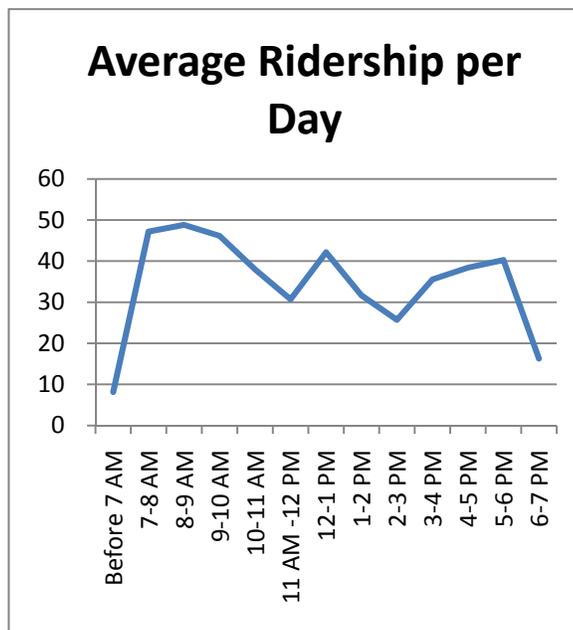


**Route/Service Description:** The Redondo Shuttle connects Park and Ride Lot G (capacity 718 spaces) with the Law School and the main UNM Campus. The shuttle circles the main campus and pulls into the Duck Pond area. Service operates from 6:30 a.m. to 7:00 p.m. Monday through Friday. There is no service during summer and academic breaks.

**Ridership:** Based on data collected during a six week period in late August and September of 2012, the Redondo Shuttle carried 449 trips per weekday, making it one of the lower ridership shuttles operated by PATS.

Table 12/Figure 27: Redondo Shuttle Ridership

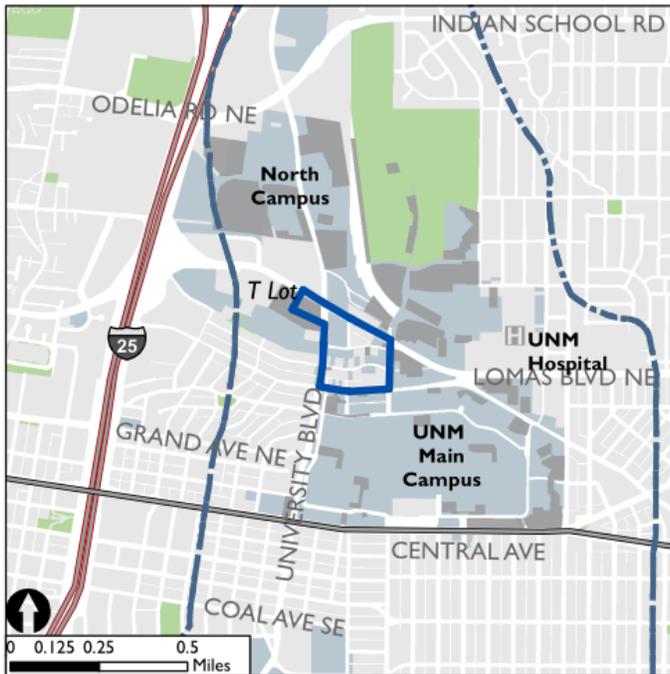
Time of Day	Average Ridership per Day
Before 7 AM	8
7-8 AM	47
8-9 AM	49
9-10 AM	46
10-11 AM	38
11 AM -12 PM	31
12-1 PM	42
1-2 PM	32
2-3 PM	26
3-4 PM	36
4-5 PM	38
5-6 PM	40
6-7 PM	16
Total	449



As indicated by the graph, ridership on the Redondo Shuttle is consistent throughout the day, though at a much lower level than some of the other PATS shuttles.



### T Lot Shuttle

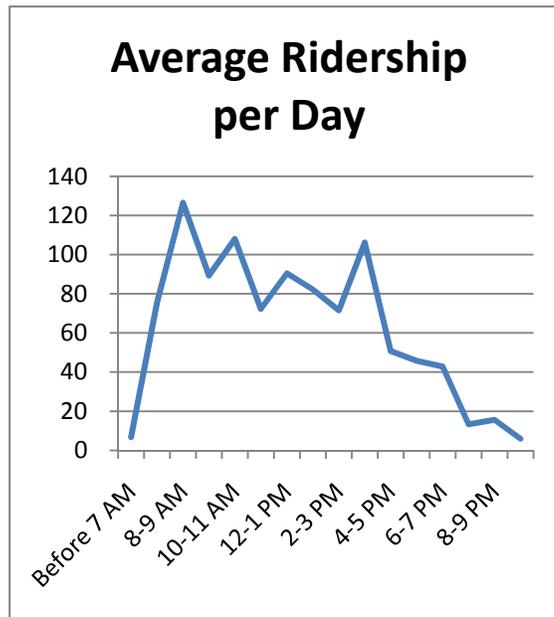


**Route/Service Description:** The T Lot Shuttle connects Park and Ride Lot T with the UNM Business Center and the northwestern portion of the main UNM Campus, including Dane Smith Hall. The T Lot, which has capacity for 563 vehicles, is used primarily by staff, but is also available to students. Service operates from 6:30 a.m. to 10:00 p.m. Monday through Thursday, with an earlier 7:00 p.m. ending time on Fridays and during summer and academic breaks.

**Ridership:** Based on data collected during a six week period in late August and September of 2012, the T Lot Shuttle carried 1,003 trips per weekday.

Table 13/Figure 28: T Lot Shuttle Ridership

Time of Day	Average Ridership per Day
Before 7 AM	7
7-8 AM	75
8-9 AM	127
9-10 AM	89
10-11 AM	108
11 AM -12 PM	72
12-1 PM	90
1-2 PM	82
2-3 PM	72
3-4 PM	106
4-5 PM	51
5-6 PM	46
6-7 PM	43
7-8 PM	13
8-9 PM	16
After 9 PM	6
Total	1,003



As indicated by the graph, ridership on the T-Lot Shuttle has a morning and afternoon peak hour ridership spike, with somewhat lower though consistent ridership midday and significantly lower ridership in the evening.



### ATC Rail Runner Shuttle

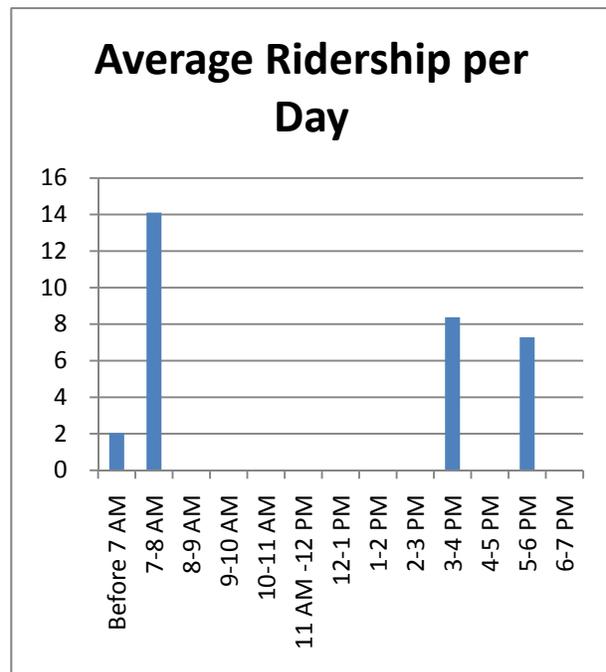


**Route/Service Description:** The ATC Rail Runner Shuttle connects Alvarado Transit Center and the Rail Runner with the UNM campus. There are four trips per day: two in the morning and two in the afternoon.

**Ridership:** Based on data collected during a six week period in late August and September of 2012, the ATC Rail Runner Shuttle carried 32 trips per weekday. The second morning trip was much more productive than the early morning trip, while the two afternoon trips had about the same level of ridership. Ridership on this shuttle is relatively low.

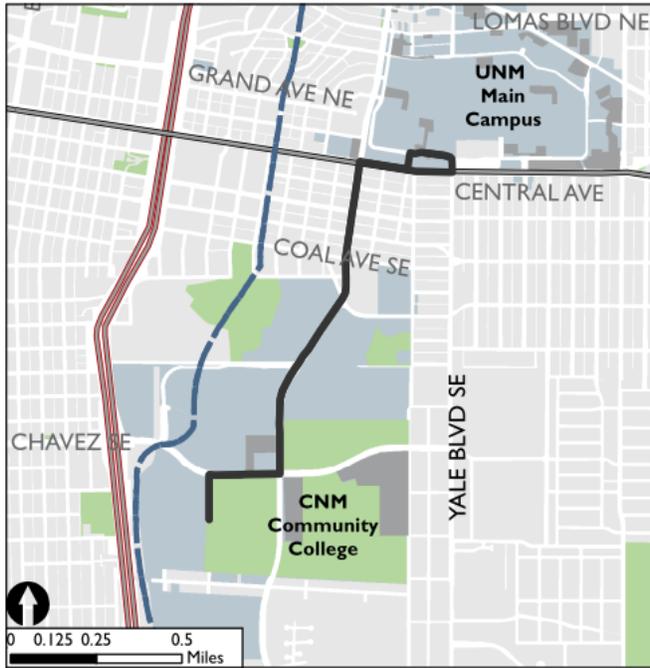
Table 14/Figure 29: ATC/Rail Shuttle Ridership

Time of Day	Average Ridership per Day
Before 7 AM	2
7-8 AM	14
8-9 AM	0
9-10 AM	0
10-11 AM	0
11 AM -12 PM	0
12-1 PM	0
1-2 PM	0
2-3 PM	0
3-4 PM	8
4-5 PM	0
5-6 PM	7
6-7 PM	0
Total	32





### Lobo Village



**Route/Service Description:** The Lobo Village Shuttle connects student housing at Lobo Village with the main UNM Campus, with a stop adjacent to the CNM campus. The shuttle has a service frequency of about 7-8 minutes.

**Ridership:** Counts taken at Redondo and Yale between 9:30 a.m. and 3:30 p.m. indicate more than 400 boardings and 400 alightings. The ridership activity is fairly evenly distributed during that time period. Figure 30 shows boarding and alighting counts taken at Redondo and Yale between 9:30 a.m. and 3:30 p.m. As expected, there are more alightings early in the day as students are arriving on campus, and more boardings later in the day as students leave campus. Activity levels remain fairly constant throughout the middle part of the day. The Lobo Village Shuttle counts indicate a total of 2,000 daily boardings during a regular school day. During the 2012 calendar year, a total of 320,000 boardings to and from Lobo Village were recorded.

**Figure 30: Boardings and Alightings for Lobo Shuttle at Redondo and Yale: 9:30 AM to 3:30 PM**

