# UPTOWN PEDESTRIAN STUDY

November 12, 2014

#### PROBLEM STATEMENT

 The Uptown area of Albuquerque includes several major pedestrian generators separated by major

roadways.







#### STUDY PURPOSE

 The purpose of this study is to improve pedestrian access in the Uptown area while continuing to serve vehicle traffic at an acceptable level of service

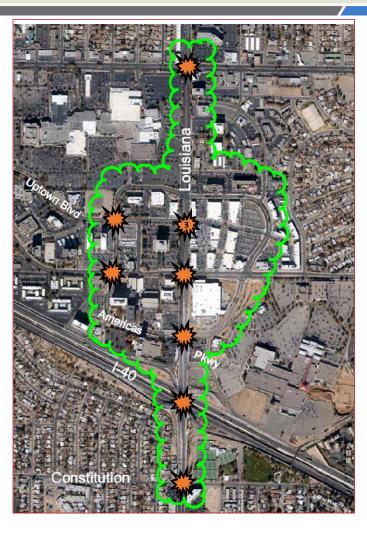
#### DATA COLLECTION

- Hourly vehicle and pedestrian counts for eight hours on a weekday (Wednesday, May 14, 2014)
- Hourly vehicle and pedestrian counts for four hours on a Friday evening (May 16, 2014)
- Average weekday daily traffic volumes from MRCOG
- Six years of crash data (2008 2013)
- Mid-block pedestrian observations
  - Crossing Indian School between Target and ABQ Uptown
  - Crossing Louisiana near Uptown Boulevard
  - Crossing Uptown Boulevard west of Louisiana (near Total Wine)
- Seven person-hours of walking surveys
- Review of previous planning documents for the area

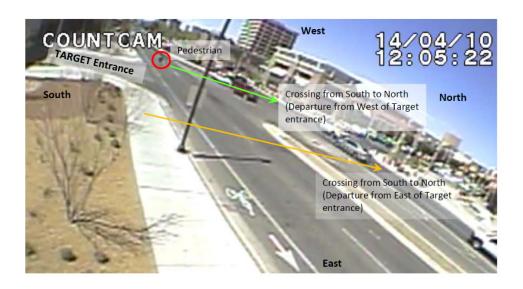
# 2008 – 2012 PEDESTRIAN CRASH DATA

<b>Closest Intersection</b>	Description	Date, Time	Conditions	Contributing Factor
Indian School/ Americas Parkway	Non-Intersection Injury On Curve	Monday, March 10, 2008, 8:02 pm	Daylight Clear	Pedestrian Error
Indian School/ Pennsylvania	Non-Intersection Injury Hit-and-Run	Wednesday, December 30, 2009, 5:55 pm		Too fast for conditions
Louisiana/Constitution	Non-Intersection Injury	Thursday, March 20, 2008, 1:04 pm	Clear	Pedestrian Error
Louisiana/Indian School	Non-Intersection Injury	Wednesday, October 26, 2011, 7:21 pm	Dark Raining	Driver Inattention
Louisiana/Menual	At the Intersection Injury Hit-and-Run	Monday, July 12, 2010, 9:16 am	Daylight Clear	Driver Inattention
I-40 Ramps/Louisiana	Non-Intersection Property Damage Only On Curve	Friday, June 12, 2009, 9:05 am	Daylight Clear	Failure to Yield
Uptown Blvd./ Americas Parkway	Non-Intersection Injury	Friday, February 13, 2009, 3:15 pm	Clear	Pedestrian Error
Uptown Boulevard/ Louisiana	Non-Intersection Injury Hit-and-Run	Wednesday, March 12, 2008, 8:26 pm	Dawn Clear	Driver Inattention
Uptown Boulevard/ Louisiana	Non-Intersection Injury Hit-and-Run	Thursday, May 13, 2010, 12:30 pm	Daylight Clear	Driver Inattention

# LOCATIONS OF PEDESTRIAN CRASHES (2008-2013)



#### PEDESTRIAN OBSERVATIONS – ACROSS INDIAN SCHOOL AT TARGET



	Across West Leg	Across East Leg	Average Number of Crossings per Hour
Thursday April 10: 6:30-9:30 AM	12	4	5
Thursday April 10: 11:00 AM-2:00 PM	55	22	26
Thursday April 10: 4:00-8:00 PM	75	29	26
Friday April 11: 4:00-8:00 PM	93	41	34
Total Observed Crossings	235	96	23

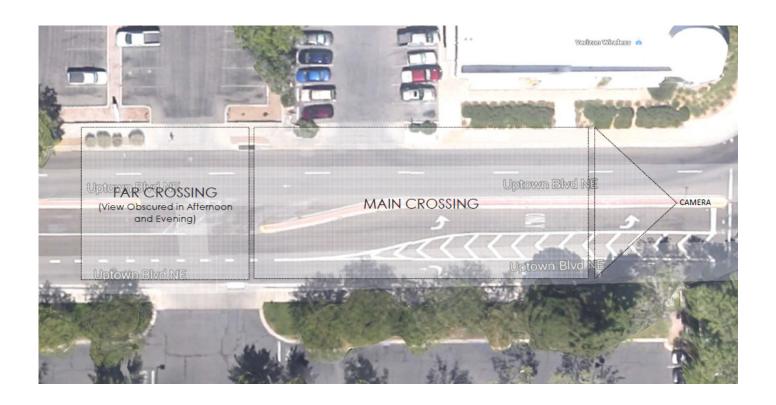
#### PEDESTRIAN OBSERVATIONS – ACROSS LOUISIANA





Day	Time	Crossing East to West	Crossing West to East
Thursday 04/10/14	8:27 am	1	
Thursday 04/10/14	8:40 am		1
Thursday 04/10/14	8:51 am	1	
Thursday 04/10/14	11:05 am	1	
Thursday 04/10/14	11:07 am	1	
Thursday 04/10/14	11:10 a,	1	
Thursday 04/10/14	11:16 am	1	
Friday 04/11/14	7:00-8:00 PM	none	none

#### PEDESTRIAN OBSERVATIONS – ACROSS UPTOWN BLVD.



#### PREVIOUS PLANNING DOCUMENTS FOR UPTOWN

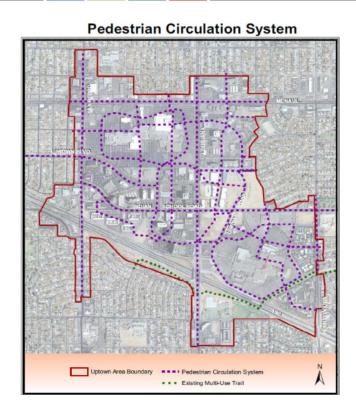
- Uptown Sector Development Plan (January 2009)
- Uptown District Pedestrian and Bicycle Study and Wayfinding Program (May 2008)
- Winrock Town Center Site Plan (April 2014)

# UPTOWN SECTOR DEVELOPMENT PLAN GOALS FOR PEDESTRIAN ENVIRONMENT

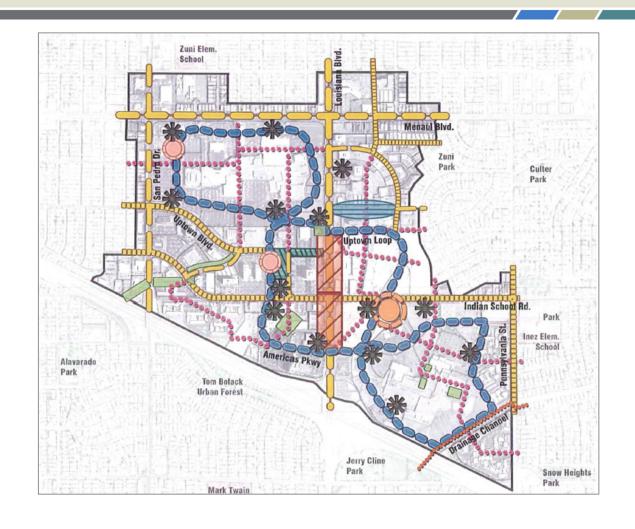








# UPTOWN DISTRICT PEDESTRIAN AND BICYCLE STUDY AND WAYFINDING PROGRAM RECOMMENDATIONS



# WINROCK TOWN CENTER SITE PLAN



#### **IDENTIFICATION OF DEFICIENT AREAS**

- Determined by comparing existing infrastructure to recommendations from planning documents.
  - Mid-block pedestrian crossings
  - > Intersection improvements
  - Sidewalk and lighting improvements
  - More use of existing loop roads

#### MID-BLOCK PEDESTRIAN CROSSING OPTIONS













#### RECOMMENDATION ACROSS INDIAN SCHOOL



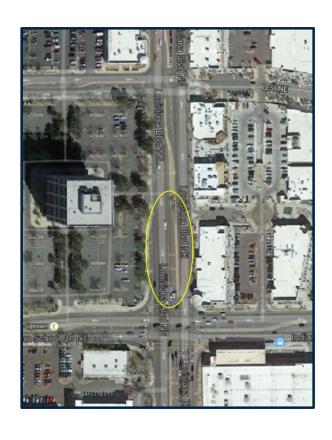
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#### ALTERNATIVE RECOMMENDATION ACROSS INDIAN SCHOOL



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# RECOMMENDATION ACROSS LOUISIANA





#### RECOMMENDATION ACROSS UPTOWN BLVD.



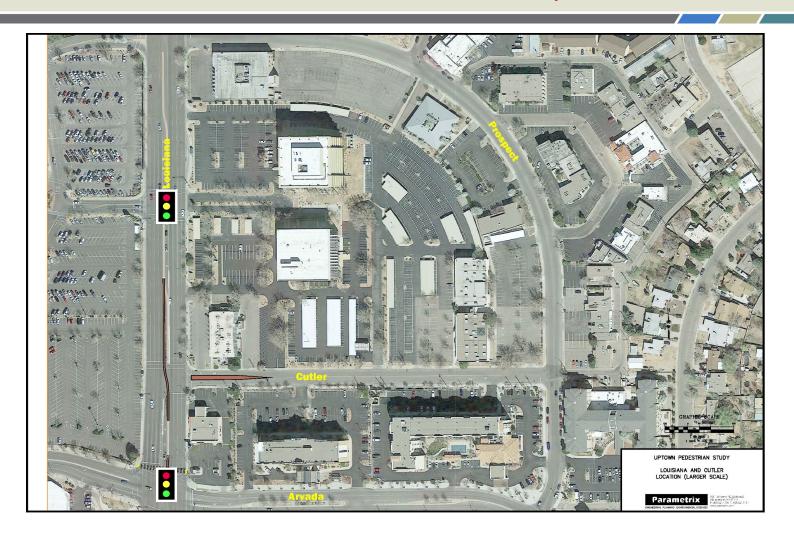
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# RECOMMENDATIONS AT LOUISIANA/CUTLER



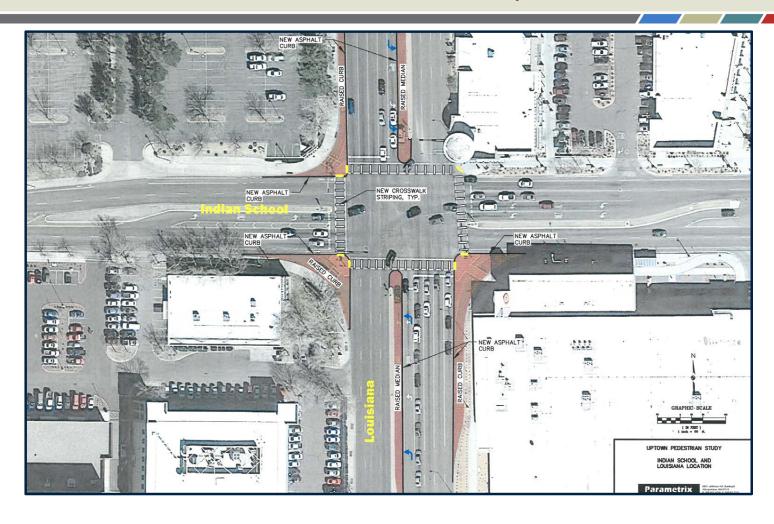
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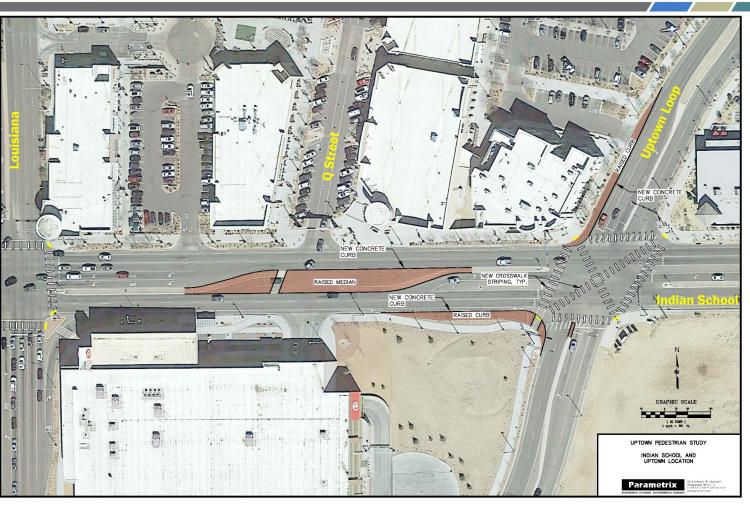
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### RECOMMENDATIONS AT LOUISIANA/INDIAN SCHOOL



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# RECOMMENDATIONS AT UPTOWN LOOP/INDIAN SCHOOL





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# RECOMMENDATIONS AT LOUISIANA/UPTOWN BLVD.



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#### ACCESSIBLE ROUTE NEEDS













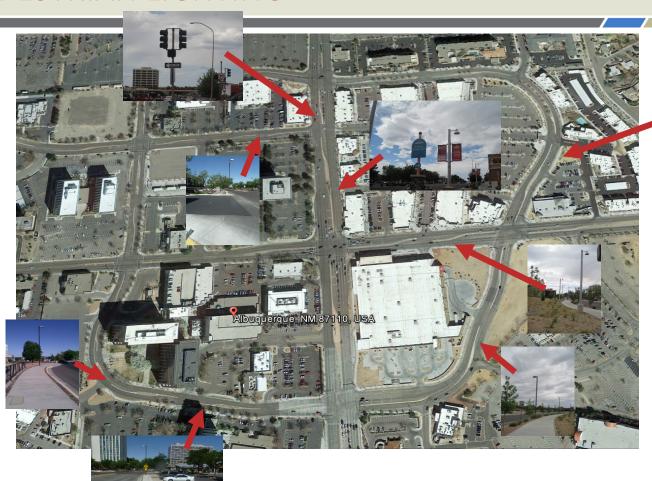






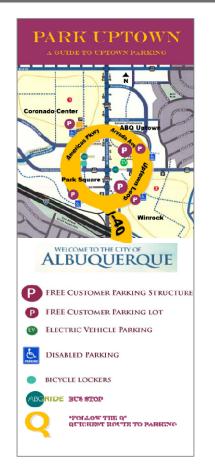
**Parametrix** 

#### PEDESTRIAN LIGHTING





#### RECOMMENDATIONS TO INCREASE USE OF LOOP ROAD



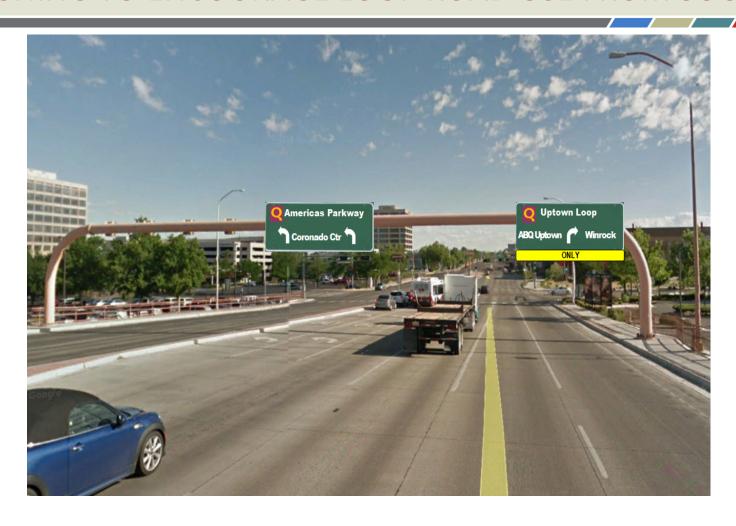




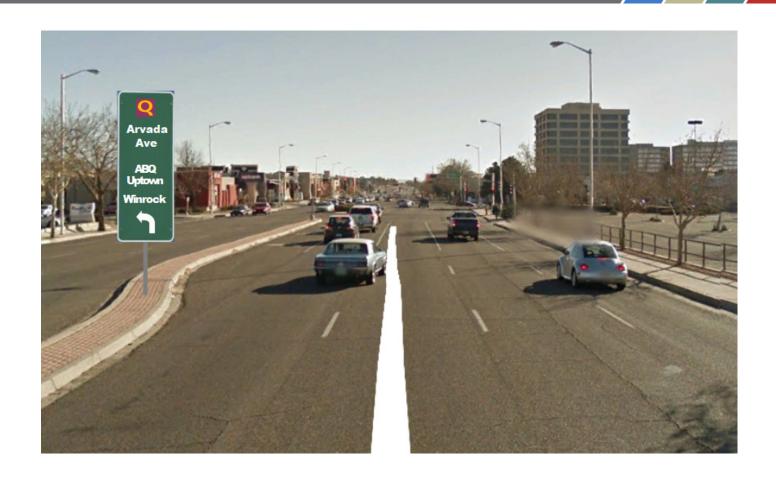




### SIGNING TO ENCOURAGE LOOP ROAD USE FROM SOUTH



#### SIGNING TO ENCOURAGE LOOP ROAD USE FROM NORTH



#### IMPACTS ON TRAFFIC OPERATIONS

- Declines in right turn LOS where right turns on red not allowed
- LOS declines where dual lefts became single lefts. But, allowing left turns on permitted phase would increase capacity.
- LOS decline at eastbound approach to Louisiana/Indian School in Friday PM peak with single through lane only
- Pedestrian scramble phase at Uptown Loop/Indian School would have large impacts on vehicle traffic LOS

#### **BENEFITS TO PEDESTRIANS**

- Conflicts between crossing pedestrians and perpendicular right-turning vehicles eliminated throughout
- Shorter crosswalk lengths at many locations
- Slower right-turn speeds with removal of pork chop islands
- Wider, raised medians and median noses for ped refuge at many locations
- Fewer lanes for pedestrians to cross at several intersections

#### PHASED IMPROVEMENTS

- Highest priority
  - Complete the accessible pedestrian route (sidewalks, ADA) ~\$50,000
  - Improve mid-block crossing at Indian School/Q Street-Target ~\$300,000
  - ➤ Intersection modifications at Louisiana/Cutler ~\$200,000
  - Intersection modifications at Louisiana/Uptown Blvd. ~\$325,000
  - ➤ Improved signing for I-40 westbound slip ramp ~\$5,000

#### PHASED IMPROVEMENTS (CONT'D)

#### Medium priority

- Narrowing Indian School between Louisiana and Uptown Loop to one driving lane in each direction with bike lanes
- Modifications at Louisiana/Indian School intersection
- Modifications at Uptown Loop/Indian School intersection
- Additional efforts to increase use of loop road

#### Low Priority

- Additional pedestrian lighting
- Ped scramble at Indian School/Uptown Loop

# **QUESTIONS?**

