



2018 Regional Traffic Signal Operations Improvements Fact Sheet

Scope

- Cooperative project with City of Reno, City of Sparks, Washoe County, NDOT, UNR-CATER
- 390 intersections to be retimed by Fall of 2019 (third of the signals retimed each year)
- Last regional signal retiming completed in 2007
- 83 signals re-timed in 2017 (See Attachment A – Next Page)

Signal Retiming

- Analysis of existing signal operations, recommendations for improvements
- Peak period traffic count data at select intersections/corridors
- Update pedestrian crossing, yellow and red times to current standards
- Development of a regional model containing updated signal timing plans
- Implementation and fine-tuning of optimized **weekday** timing plans
- Measurement of before and after travel time and delay for select corridors

Public Outreach

- Central complaint database – Signal Hotline (335-ROAD)
- Regional Traffic Signal Operations Improvement Project Map
 - Updated monthly to show progress of the project
- Regional Signal List
- Travel run videos (TBA)

Additional Elements

- Outline of geometric improvements beyond signal retiming needed to meet regional level of service (added turn lanes, through lanes)
- Training for agency staff
- Cooperative program with the University of Nevada, Reno to develop research and training opportunities
- Design of selected traffic signal system improvements

Future plans

- Annual traffic counting program
- Annual signal retiming – approximately 1/3 of regional signals annually (National guidelines recommend retiming each intersection every three to five years)
- Regional cooperation on traffic operations – incidents, construction, freeways, signals, message signs, video surveillance

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Attachment A – 2017 Re-Timed Signals

City of Reno

Wells Ave Corridor

1. Wells Ave & Ryland St.
2. Wells Ave & Mill St.
3. Wells Ave & E. Second St.
4. Wells Ave & Kuenzli St.
5. Wells Ave & 6th St.
6. Wells Ave & EB I-80
7. Wells Ave & WB I-80
8. Wells Ave & E. 9th St.

N. McCarran Blvd Corridor

1. N. McCarran Blvd & Sutro St.
2. N. McCarran Blvd & Clear Acre Ln
3. N. McCarran Blvd & SB US 395
4. N. McCarran Blvd & NB US 395
5. N. McCarran Blvd & Northtowne Ln
6. N. McCarran Blvd & El Rancho Dr.
7. N. McCarran Blvd & Sullivan Ln
8. Clear Acre Ln & Selmi Dr.
9. Clear Acre Ln & SB US 395
10. Clear Acre Ln & NB US 395
11. Clear Acre Ln & Scottsdale Rd

Kietzke Ln & Mill St. Corridor

1. Kietzke Ln & E. 2nd St.
2. Kietzke Ln & Mill St.
3. Kietzke Ln & Vassar St.
4. Kietzke Ln & Plumb Ln
5. Kietzke Ln & E. Grove St.
6. Kietzke Ln & Gentry Way
7. Kietzke Ln & Moana Ln
8. Kietzke Ln & Peckham Way
9. Mill St. & SB I-580
10. Mill St. & NB I-580
11. Mill St. & Terminal Way

W. McCarran Blvd Corridor

1. W. McCarran Blvd & Caughlin Pkwy/Plumb Ln
2. W. McCarran Blvd & Mayberry Dr.
3. W. McCarran Blvd & W. 4th St.
4. W. McCarran Blvd & EB I-80
5. W. McCarran Blvd & WB I-80
6. W. McCarran Blvd & Sierra Highlands Dr.
7. W. McCarran Blvd & Mae Anne Ave
8. W. McCarran Blvd & 7th St.
9. Mae Anne Ave & Coit Plaza

10. Mae Anne Ave & Sierra Highlands Dr.

S. McCarran Blvd Corridor

1. S. McCarran Blvd & Greensboro Dr.
2. S. McCarran Blvd & Plumas St.
3. S. McCarran Blvd & Lakeside Dr.
4. S. McCarran Blvd & Talbot Ln
5. S. McCarran Blvd & Kietzke Ln
6. S. McCarran Blvd & S. Virginia St.
7. S. McCarran Blvd & Smithridge Dr./ Meadowood Mall Link
8. S. McCarran Blvd & Neil Rd
9. S. McCarran Blvd & Airway Dr.
10. S. McCarran Blvd & Longley Ln
11. S. McCarran Blvd & Rio Poco Rd
12. S. McCarran Blvd & Mira Loma Dr.
13. S. McCarran Blvd & Rock Blvd/Pembroke Dr.
14. S. McCarran Blvd & Mill St.
15. Kietzke Ln & Sierra Rose Dr./Meadowood Mall Way
16. Kietzke Ln & Redfield Pkwy
17. Kietzke Ln & Firecreek Crossing
18. Kietzke Ln & S. Virginia St.
19. S. Virginia St. & SB I-580 Off-Ramp
20. Longley Ln & Peckham Ln/Spring Dr.

City of Sparks

Vista Blvd Corridor

1. Vista Blvd & EB I-80
2. Vista Blvd & WB I-80
3. Vista Blvd & Brierley Way
4. Vista Blvd & UPS
5. Vista Blvd & Loop Rd
6. Vista Blvd & E. Prater Way
7. Vista Blvd & Whitewood Dr./S. D'Andrea Pkwy
8. Vista Blvd & Baring Blvd
9. Vista Blvd & S. Los Altos Pkwy

Sparks Blvd Corridor

1. Sparks Blvd & EB I-80
2. Sparks Blvd & WB I-80
3. Sparks Blvd & Lincoln Way
4. Sparks Blvd & E. Prater Way
5. Sparks Blvd & O'Callaghan Dr./Springland Dr.
6. Sparks Blvd & Baring Blvd
7. Sparks Blvd & Shadow Ln
8. Sparks Blvd & Disc Dr.
9. Sparks Blvd & N. Los Altos Blvd

Pyramid Hwy Corridor

1. Pyramid Hwy & Disc Dr.
2. Pyramid Hwy & N. Los Altos Blvd
3. Pyramid Hwy & Golden View Dr.
4. Pyramid Hwy & Sparks Blvd/Highlands Ranch Pkwy
5. Pyramid Hwy & Lazy 5 Pkwy

Total Signals: 83