

CONCRETE INTERSECTIONS

RTC OF WASHOE COUNTY'S CONCRETE SOLUTIONS

APRIL 08, 2009

RENO, NV

HOWARD RIEDL, P.E.



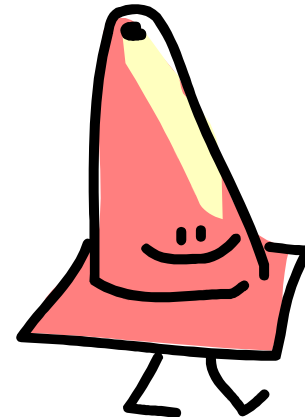
What is the RTC?

- Regional Transportation Commission of Washoe County
 - Federally Chartered MPO
 - Three Main Areas of Focus
 - Transportation Planning
 - Public Transit System
 - Regional Roads
 - Fuel Tax
 - Impact Fees
 - Sales Tax



Why Concrete Intersections?

- Lasting Quality
- Reduced Maintenance
- Safety & Convenience
- Getting the best bang for the buck
- Get in, Get Out & ***Stay Out***





Concrete Intersection Projects

- Mill Street & Terminal Way/Greg Street
- Longley Lane & Peckham Lane
- Lemmon Drive & Military Road
- Moana Lane Extension (Airway Drive)
- Lemmon Drive & Buck Drive/Sky Vista Parkway
- Ultra Thin White Top



Concrete Street Projects

- Center Street
- Sparks Boulevard
- Greg Street
- Nichols Boulevard



Mill Street & Terminal Way/Greg Street



Mill Street & Terminal Way/Greg Street

- Constructed in 1996
- 8"/9" PCCP over 6" Type 2 Class B A.B.
- Dowel Bars
- Pavement end anchors
- Transition slabs
- 2007 saw & seal maintenance
- SEA Consulting
- Jaxson Baker Construction



Longley Lane & McCarran Blvd/East Peckham Lane



Longley Lane & McCarran Blvd/East Peckham Lane

- Constructed in 2001
- 8.5" over 8" Type 2 Class B A.B.
- Some reinforced slabs
- Thickened edges at driveways
- Transverse tining
- Stantec Consulting
- Frehner Construction



Longley Lane & McCarran Blvd/East Peckham Lane



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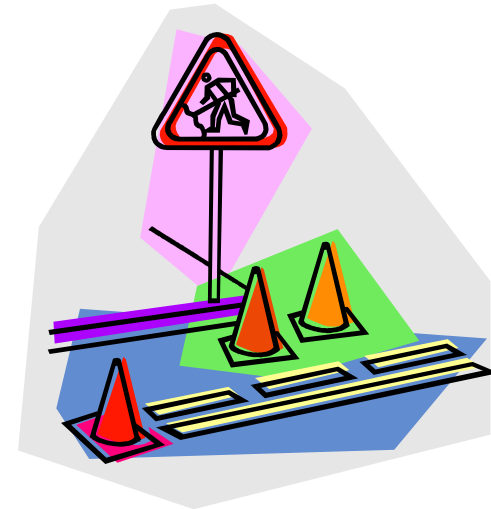


Lemmon Drive & Military Road



Lemmon Drive & Military Road

- 9.5" PCCP over 8" Class 2 Type B A.B.
- Single saw-cut
- Broom finish
- Dowel Bars
- Tie Bars
- PBS&J Consulting
- Granite Construction



Lemmon Drive & Military Road



Lemmon Drive & Military Road



Lemmon Drive & Military Road



Lemmon Drive & Military Road



Lemmon Drive & Military Road



Lemmon Drive & Military Road



Airway Drive



Airway Drive

- Constructed in 2005
- 9.5"/10.5" PCCP over 6" Type 2 Class B A.B.
- Broom finish
- Dowel Bars
- Tie Bars
- Stantec Consulting
- Q&D Construction



Airway Drive & Neil Road



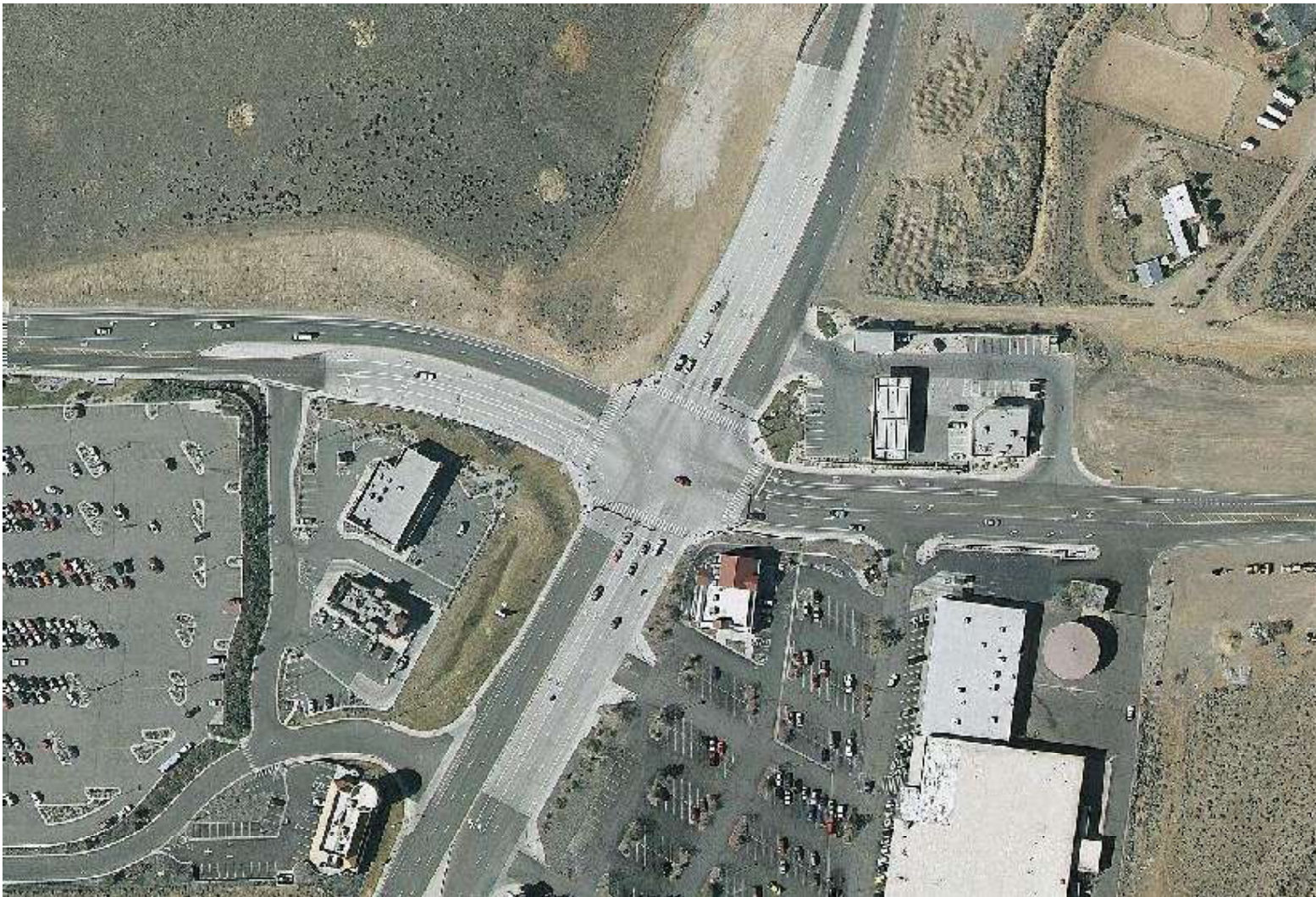
Airway Drive & Peckham Lane



Airway Drive & McCarran Blvd.



Lemmon Drive & Buck Drive/Sky Vista Parkway



Lemmon Drive & Buck Drive/Sky Vista Parkway

- Constructed in 2007
- 8"/9" PCCP over 8" Type 2 Class B A.B.
- 1.5 pounds of fiber reinforcement
- Broom finish
- Dowel bars
- Tie bars
- Single saw cut
- PBS&J Consulting
- Q&D Construction



Lemmon Drive & Buck Drive/Sky Vista Parkway



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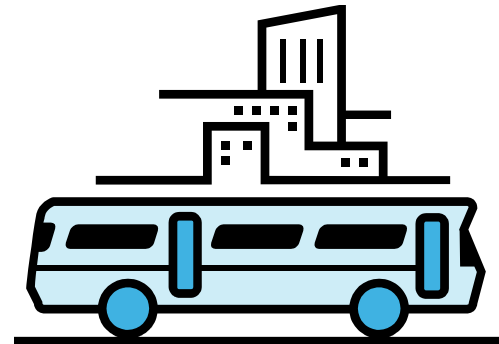


Lemmon Drive & Buck Drive/Sky Vista Parkway



Other RTC Concrete Projects

- Ultra-Thin Whitetop Demonstration
- RTC Centennial Plaza in Sparks
- Greg Street
- Center Street
- Sparks Boulevard

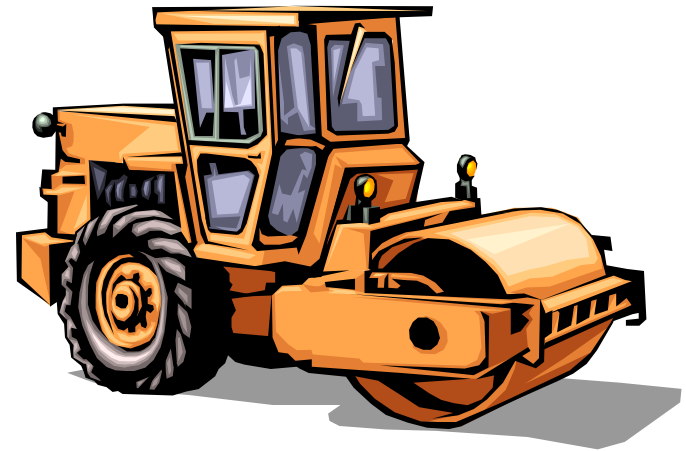


UTW - Nichols Boulevard



UTW - Nichols Boulevard

- Constructed in 2005
- 3" over milled existing asphalt
- 6" thickened edges
- 3' x 3' panels
- Fiber reinforcement
- SNCA Consulting???
- Q&D Construction



UTW - Nichols Boulevard



UTW - Nichols Boulevard



UTW - Nichols Boulevard



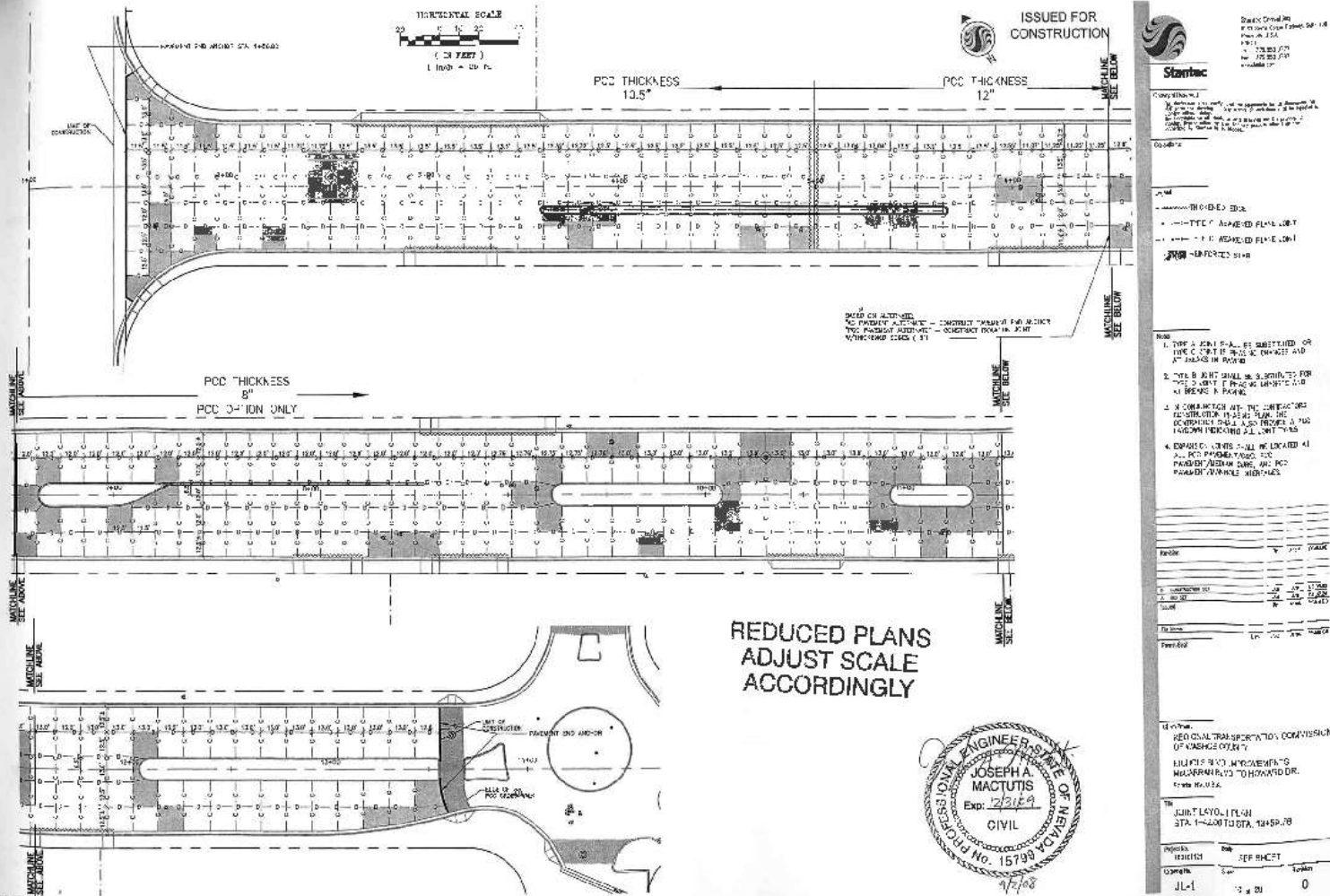
UTW - Nichols Boulevard



UTW - Nichols Boulevard



Nichols Boulevard



Opportunities for More!

- Moana Lane Widening Project
 - Virginia Street
 - Kietzke Lane
- Vista Boulevard Widening Project
 - Wingfield Hills Road
- Roundabouts



THANK YOU

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