



STREETS & HIGHWAYS Project Summary Report

Other Projects

The following information is submitted for the period of March 30, 2012 through April 27, 2012.

Generally, the RTC requires contractors to maintain at least one travel lane in each direction. Motorists are encouraged to drive with caution and pay close attention to traffic controls and flag persons. Occasionally, driveways will be temporarily closed one to three hours. Before driveways are closed, the contractor will provide 18-24 hour advance notice to property owners.

[LED Street Lights & LED Pedestrian Signals](#)

[Prater Way Enhancements \(View to 22nd Street\)](#)

[Regional Road Impact Fee Program Overview](#)

[RTC RAPID Stations Project](#)

[Sixth Street Property Improvements](#)

[Sutro Complete Street Project \(4th Street to North McCarran\)](#)

[Villanova Fuel Island](#)

[Villanova Roof](#)

[Villanova Lift and Soil Remediation](#)

[West Plumb Lane - Ferris Lane to South McCarran Boulevard](#)

Subscribe to  at www.rtcwashoe.com to receive e-mail updates about this project and other RTC services and programs.



STREETS & HIGHWAYS Project Summary Report

LED Street Lights & LED Pedestrian Signals RTC Project No. 147001

RTC Project Manager (PM): Jim Poston, P.E., PTOE
RTC PM Contact Information: (775) 332-2139
jposton@rtcwashoe.com
RTC Engineering Department: (775) 348-0171
 (775) 348-0170 fax
Design Firm: Not applicable
Construction Contractor: PAR Electrical
 (775) 329-0407



Photo courtesy of BetaLED

Project Description & Purpose

- Grant from the US Department of Energy, Energy Efficiency and Conservation Block Grant program through the Nevada State Office of Energy.
- Replaced 1,156 street lights at signalized intersections with high-efficiency LED street lights.
- Replaced 891 pedestrian signals with high-efficiency LED countdown pedestrian signals. The 2009 Manual on Uniform Traffic Control Devices requires all new pedestrian signals to have the countdown feature.
- The new fixtures reduce energy consumption, and require less maintenance.
- 92 additional street lights and 134 additional pedestrian signals are on order due to project savings and additional grant awards.

Related Documents

Not applicable

Schedule

Public Meeting:	Not applicable
Advertise:	December 10, 2010
Bid Opening:	January 10, 2011
Construction Start:	February 28, 2011
Project Complete:	March 31, 2012

Latest News

As of March 31, 2012, project is complete.

Project Finance Plan

Funding Source:	USDOE
Amount RTC Approved:	\$977,457
Total Project Estimate:	\$977,457

Construction Traffic Control and Work Schedule Updates:

Not applicable

Information is current for: April 2012



Subscribe to

at www.rtcwashoe.com to receive e-mail updates about this project and other RTC services and programs.



STREETS & HIGHWAYS Project Summary Report

Prater Way Enhancements - View to 22nd Street PWP No. TBD / RTC Project No. 222024

RTC Project Manager (PM): Warren Call, P.E.
RTC PM Contact Information: (775) 335-1881
wcall@rtcwashoe.com
RTC Engineering Department: (775) 348-0171
 (775) 348-0170 fax
Design Firm: TRC Engineers
 775-224-2976
Construction Contractor: To be determined



Project Description & Purpose

The federally funded work performed under this contract consists of the completion of the north side of Prater Way from View Street to the east side of 22nd Street including but not limited to removal of existing curb, gutter, sidewalk, retaining wall, landscaping, and fencing; construction of new curb, gutter, sidewalk, handicap ramps, fencing, concrete retaining wall; landscape and irrigation improvements; installation of new street lights; adjustment and rewiring of existing traffic lights and equipment; installation of traffic loops; and all appurtenant work necessary to complete the project as stated in the bid specifications.

The location of the work is on the north side of Prater Way from View Street to the east side of 22nd Street within the city limits of Sparks, Washoe County, Nevada, and more specifically described in the plans for this project. The purpose of this work is street enhancement.

Related Documents

Reg. Trans. Imp. Program (RTIP)
 Regional Transportation Plan (RTP)

Schedule

Public Meeting:	To be determined
Design:	To be determined
Advertise:	To be determined
Bid Opening:	To be determined
Construction Start:	To be determined
Construction Complete:	To be determined

Latest News

City of Sparks Right-of-Way acquisition must be completed prior to any utility relocation and before project construction begins.

Project Finance Plan

Funding Source: NDOT Stewardship monies and local fuel tax dollars

Amount RTC Approved:	\$833,000
Total Project Estimate:	\$833,190

Notes: Construction costs are programmed at \$833,000.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at:
<http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Regional Road Impact Fee Program Overview

RTC Project No. 241001

RTC Project Manager (PM): Julie Masterpool, P.E.
RTC PM Contact Information: (775) 335-1897
jmasterpool@rtcwashoe.com
RTC Engineering Department: (775) 348-0171
 775) 348-0170 fax
Design Firm: TischlerBise
 (301) 320-6900
Construction Contractor: Not applicable



Project Description & Purpose

The objective of the RRIF Program review is to evaluate the current system in light of State law impact fee requirements, national case law standards, and current best professional practice, and to identify potential changes that could improve the system in terms of legal defensibility, technical accuracy and ease of administration and updates. Specific tasks will also include an evaluation of existing methodologies, assessment of the impact fee credit program, and provide recommendations for the inclusion of a Transit Oriented Development (TOD) adjusted fee.

Related Documents

Regional Road Impact Fee (RRIF) General Administrative Manual
 Regional Road Impact Fee (RRIF) Capital Improvement Plan

Schedule

Notice to Proceed: October 2011
 Complete: May 2012

Latest News

The Regional Road Impact Fee Technical Advisory Committee (RRIF TAC) will act as a stakeholders group for the study. At the March RRIF TAC meeting, the consultant gave a presentation on their review of the current methodology and proposed recommendations on best practices in the industry. The consultant is continuing a review of the credit program and will make recommendations at the next RRIF TAC meeting on April 26.

Project Finance Plan

Funding Source: Fuel Tax
 Amount RTC Approved: \$177,680

Construction Traffic Control and Work Schedule Updates: Not applicable

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

RTC RAPID Stations Project

RTC Project No. 3400006

RTC Project Manager: Dean Mottram, P.E.

RTC PM Contact Information: (775) 332-2161
dmottram@rtcwashoe.com

(775) 348-0170 fax

Design Firm: Stantec Consulting, Inc.
(775) 850-0777

Construction Contractor: Q&D Construction
(775) 353-1104



Project Description & Purpose

This project will develop 14 RTC RAPID stops on Virginia and Center Streets from the Meadowood Transfer Station to Liberty Street. These stations, along with new RTC RAPID 60-ft articulated diesel-hybrid buses, will provide faster transit service and complement the City of Reno's Transit Oriented Development (TOD) master plans within the South Virginia Street corridor.

RTC RAPID Stations are envisioned to utilize Bus Rapid Transit technology, such as off-board ticketing/fare collection, level boarding & alighting platforms, next-bus displays and branded station designs to enhance the passenger experience.

Other projects underway to further develop RTC RAPID service include RTC's Virginia Street Transit Signal Priority and Queue Jump projects, and the City of Reno's South Virginia Complete Street Project and Streetcar Plan.

Support Documents

- RTC RAPID Very Small Starts Application
- Virginia St Bus Rapid Transit Feasibility Study

Schedule

30% Design:	Complete
Public Meetings:	Feb 23 & 24 2010
90% Design:	Complete
<u>Construct 6 Full Stations</u>	
Advertise:	Complete
Bid Opening:	Complete
Construction Start:	July 11, 2011
Construction Complete:	November 23, 2011
<u>Construct 2 Full Stations, 6 Stops:</u>	
Advertise:	August 29, 2011
Bid Opening:	September 26, 2011
Construction Start:	February 6, 2012
Construction Complete:	April, 2012

Latest News

Construction of the first six stations is complete with a contract price of \$2,409,377 with minor work to be completed after the new year. The stations started being used on December 18, 2011. The six completed stations are: Outbound Mt. Rose, Orchard Plaza, Peckham, S. McCarran; and Inbound S. McCarran, Peckham.

The construction contract for Phase II was awarded to Q&D Construction on October 12, 2011 in the amount of \$1,417,310. Construction for Phase II began on February 6, 2012. Construction continues on schedule. The two full stations are: Inbound Center St/Mary St and Liberty St.

The six enhanced stops are: Inbound Peppermill, Orchard Plaza, Mt Rose St; and Outbound Liberty St, Center St/Mary St and the Peppermill.

Project Finance Plan

Design:	\$903,400
Construction Services	\$484,307
Construction	<u>\$4,363,467</u>
Total Project	\$5,751,174
RTC Approved Budget	\$6,083,400

Notes: No funds for right-of-way are programmed. Project is funded with Federal Congestion Mitigation Air Quality funds.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at: <http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Sixth Street Property Improvements – 1301 Sixth Street PWP No. TBD/ RTC Project No. TBD

RTC Project Manager (PM): Dean Mottram, P.E.
RTC PM Contact Information: (775) 332-2161
dmottram@rtcwashoe.com
RTC Engineering Department: (775) 348-0170 fax
Design Firm: To be determined
Construction Contractor: To be determined



Project Description & Purpose

The proposed improvements to the 1301 6th Street property are to enhance the current use. The current lot is unimproved soil, and during the winter vehicles get bogged down in the mud. The RTC intends to excavate the existing material and place base material and asphalt paving back to original grade. The RTC plans to upgrade the fencing and enclose the lot to join with the RTC owned property to the west. The RTC would also construct a pass-through door through the existing facility maintenance building. The security improvements would also include increased lighting, installation of security cameras, secure the entries, and tie it into the rest of the RTC security system. As part of the grant the RTC intends to construct covered parking for the stored buses. This would help alleviate UV and weather related damage to buses and stored materials currently completely exposed to the elements.

Related Documents

Reg. Trans. Imp. Program (RTIP)
 Regional Transportation Plan (RTP)

Schedule

Public Meeting:	Not applicable
Design:	Begin in Feb 2012
Advertise:	Summer 2012
Bid Opening:	Summer 2012
Construction Start:	Fall 2012
Construction Complete:	Fall 2012

Latest News

The RTC is in the process of selecting an architect to design the improvements.

Project Finance Plan

Funding Source:	FTA (5309)
Amount RTC Approved:	\$768,541
Total Project Estimate:	\$768,541

Notes: Design is estimated in the amount of \$58,000, and Construction costs are estimated at \$665,000.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at:
<http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Sutro Complete Street Project

4th to N. McCarran

PWP No. TBD / RTC Project No. 311001

RTC Project Manager (PM): Howard L. Riedl, P.E.

RTC PM Contact Information: (775) 335-1872
hriedl@rtcwashoe.com

RTC Engineering Department: (775) 348-0171
(775) 348-0170 fax

Design Firm: To be determined

Construction Contractor: To be determined



Project Description & Purpose

This is a Complete Streets project for improvements between 4th Street and N. McCarran Boulevard. The project includes enhancing pedestrian and bus stop facilities, installing traffic calming and beautification features. Roadway conversion techniques will be implemented through the use of a slurry seal and a modified pavement marking design.

The objective of the project are to improve health and safety, enhance the quality of life for local residents, promote economic prosperity, preserve pavement conditions, and promote the use of alternative transportation modes.

Related Documents

TCSP Grant Application

Schedule

Public Meeting:	To be determined
Design:	To be determined
Advertise:	To be determined
Bid Opening:	To be determined
Construction Start:	September 2012
Construction Complete:	To be determined

Latest News

RTC has been granted its request for a flex fund transfer of the Federal TCSP funds from FHWA to FTA Region 9. FTA is now the grant administrator.

On March 16, 2012, the RTC Board awarded a Professional Services Agreement with Eastern Sierra Engineering to provide design and construction services for this project.

Project Finance Plan

Funding Source:	Federal TCSP & RTC Fuel Tax
Amount RTC Approved:	\$1,278,300
Total Project Estimate:	\$1,278,300

Notes:

- Design contract \$193,145
- Construction and Construction Services estimate \$1,08,155
- Funding Sources: TCSP -\$978,300, RTC Fuel Tax – \$300,000

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at: <http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Villanova Fuel Island – 2050 Villanova Drive PWP No. TBD/ RTC Project No. TBD

RTC Project Manager (PM): Dean Mottram, P.E.
 RTC PM Contact Information: (775) 332-2161
dmottram@rtcwashoe.com
 RTC Engineering Department: (775) 348-0170 fax
 Design Firm: To be determined
 Construction Contractor: To be determined



Project Description & Purpose

The RTC has one fueling station for the buses as they arrive off shift to unload revenue, and to be cleaned. This fueling station is a choke point in the bus return process, and results in bus traffic backing up onto Durham Lane. The new fuel island will put the refueling station at the end of the process, allowing the RTC to store vehicles on site while awaiting fuel. The new fuel island will also have two fueling stations, allow for more refills in less time.

Related Documents

Reg. Trans. Imp. Program (RTIP)
 Regional Transportation Plan (RTP)

Schedule

Public Meeting:	Not applicable
Design:	Begin Feb 2012
Advertise:	Summer 2012
Bid Opening:	Summer 2012
Construction Start:	Fall 2012
Construction Complete:	Fall 2012

Latest News

The RTC is in the process of selecting an architect to design the improvements.

Project Finance Plan

Funding Source:	FTA (5309)
Amount RTC Approved:	\$350,000
Total Project Estimate:	\$350,000

Notes: Design is estimated in the amount of \$50,000, and Construction costs are estimated at \$250,000.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at:
<http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Villanova Roof – 2050 Villanova Drive PWP No. TBD/ RTC Project No. TBD

RTC Project Manager (PM): Dean Mottram, P.E.
 RTC PM Contact Information: (775) 332-2161
dmottram@rtcwashoe.com
 RTC Engineering Department: (775) 348-0170 fax
 Design Firm: To be determined
 Construction Contractor: To be determined



Project Description & Purpose

The roofs at the Villanova Administration building and the Maintenance/Operation building are at the end of their useful life. The RTC will re-roof these two buildings.

Related Documents

Reg. Trans. Imp. Program (RTIP)
 Regional Transportation Plan (RTP)

Schedule

Public Meeting:	Not applicable
Design:	Complete
Advertise:	April 2, 2012
Bid Opening:	April 30, 2012
Construction Start:	May 2012
Construction Complete:	June 2012

Latest News

The design is complete, and the RTC has advertised the project. Construction is expected to begin in late spring and be completed in the early summer of this year.

Project Finance Plan

Funding Source:	FTA (5309)
Amount RTC Approved:	\$335,000
Total Project Estimate:	\$335,000

Notes: Design is programmed in the amount of \$23,000, and Construction costs are programmed at \$300,000.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at:
<http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

Villanova Lift and Soil Remediation – 2050 Villanova Dr. PWP No. TBD / RTC Project No. TBD

RTC Project Manager (PM): Dean Mottram, P.E.
 RTC PM Contact Information: (775) 332-2161
dmottram@rtcwashoe.com
 RTC Engineering Department: (775) 348-0170 fax
 Design Firm: To be determined
 Construction Contractor: To be determined



Project Description & Purpose

The current hydraulic in-ground lift is inoperable. The project will modify the site to accommodate a new in-ground scissor lift. The old lift also had a leak, and some excavation and soil remediation work will be required. Other work will require electrical, plumbing, and concrete work.

Related Documents

Reg. Trans. Imp. Program (RTIP)
 Regional Transportation Plan (RTP)

Schedule

Public Meeting:	Not applicable
Design:	October 2011
Advertise:	Not applicable
Bid Opening:	March 6, 2012
Construction Start:	April 2012
Construction Complete:	June 2012

Latest News

The RTC has solicited bids for this project and received the bids on March 6, 2012. The RTC is currently evaluating the bids and anticipates awarding the bid in early April.

Project Finance Plan

Funding Source:	FTA (5307)
Amount RTC Approved:	\$250,000
Total Project Estimate:	\$250,000

Notes: Design is programmed in the amount of \$30,000, and Construction costs are programmed at \$100,000.

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at:
<http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012



STREETS & HIGHWAYS Project Summary Report

West Plumb Lane – Ferris Lane to South McCarran Boulevard

PWP No. TBD / RTC Project No. 201045

RTC Project Manager (PM): Michele C. Dennis, P.E.

RTC PM Contact Information: (775) 335-1861/(775) 846-2701
mdennis@rtcwashoe.com

RTC Engineering Department: (775) 348-0171
775) 348-0170 fax

Design Firm: Atkins North America
(775) 826-7275

Construction Contractor: To be determined



Project Description & Purpose

Pavement reconstruction is planned from Ferris Lane to South McCarran Boulevard. Incidental work will involve adjustment of manhole and valve covers, replacement of curb, gutter, and driveway aprons, as necessary, and permanent pavement markings.

The existing roadway has one lane in each direction with an open drainage system. The roadway lacks bicycle and pedestrian facilities. In conjunction with the pavement reconstruction, the RTC will evaluate the roadway for compliance with the City of Reno design standards, especially with regard to improvements to facilitate multi-modal use, such as sidewalks and bike lanes.



Related Documents

Regional Transportation Improvement Program (RTIP)
Regional Transportation Plan (RTP)

Schedule

Planning:	3 rd & 4 th Qtr 2011
Preliminary Engineering:	1 st & 2 nd Qtr 2012
Final Design:	To be determined
Advertise:	To be determined
Construction:	To be determined

Latest News

A preferred conceptual alternative which includes a shared use path, paved parking, and shoulder, curb and gutter, has been developed based on the public input received regarding potential safety and operational enhancements. This alternative was presented to the Reno City Council on January 18, 2012, and to the RTC Board on February 17, 2012. Design will proceed with provisions for pedestrian, bicyclists and drainage included. Possible operational modifications, including speed control, will be evaluated during the design process.

Design workshops will be scheduled. The public is welcome to provide input at these meetings.

Project Finance Plan

Funding Source:	Fuel Tax
Amount RTC Approved:	\$566,450
Total Project Estimate:	\$8,355,126*

Notes: Design is programmed in the amount of \$566,450 (FY12); Right-of-Way and construction costs will be programmed in future years.

*Not including Right-of-Way

Construction Traffic Control and Work Schedule Updates

For current traffic control information, please see the RTC's weekly Traffic Control Report at: <http://www.rtcwashoe.com/streets-highways-16>.

Information is current for: April 2012