City of Carson City Agenda Report

Date Submitted: February 3, 2012 Agenda Date Requested: February 16, 2012 Time Requested: Staff Report To: Mayor and Supervisors From: Public Works Subject Title: Monthly Report on Capital Projects Staff Summary: Summary of Progress on Capital Projects Type of Action Requested: (check one)) Resolution _) Ordinance (__x___) No Action) Other (Specify) Does This Action Require A Business Impact Statement: (___) Yes (_x__) No Recommended Board Action: No Action Required- Report Only Explanation for Recommended Board Action: See attached summary. Applicable Statute, Code, Policy, Rule or Regulation: NA Fiscal Impact: NA **Explanation of Impact: NA** Funding Source: NA Alternatives: NA Supporting Material: Summary Report Prepared By: Andrew Burnham, Public Works Director Reviewed By: Date: (City Manager) (District Attorney) Date: (Finance Director)

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CARSON CITY PUBLIC WORKS

Construction Projects Status Update

Project Progress Report No. 7 – February 16, 2012

This report summarizes the progress of the design and construction of ongoing Carson City Construction Projects. This report reflects work completed during the month of January 2012.

1. North/South Water Transmission Main - Phase II (Carson City)

- a. Work Completed through January 2012
 - i. Pressure testing and disinfection
 - ii. Cleanup and demobilization
- b. Proposed Activities for November thru February 2012
 - i. Substantial completion and address punch list items
- c. Budget
 - i. Contract Amount: \$7,302,761.03
 - ii. Amendments/Change Orders: \$18,210.69
 - iii. Total Construction Cost: \$7,320,971.72
 - iv. Funding Source: Nevada Drinking Water State Revolving Fund (DWSRF) Loan
 - v. Percentage Work Complete: 87%

2. Prison Hill Water Tank (Carson City)

- a. Work Completed through January 2012
 - i. Contractor Addressed Punch List
- b. Proposed Activities for February 2012
 - i. Project Close Out
- c. Budget
 - i. Contract Amount: \$1,237,007.00
 - ii. Amendments/Change Orders: \$53,129.59
 - iii. Total Construction Cost: \$1,290,136.59
 - iv. Funding Source: Department of the Army, Section 595 Program in Rural Nevada Grant
 - v. Percentage Work Complete: 99%

3. Future Water Projects (Carson City)

- a. East/West Transmission Main Phase IIA
 - i. Design at 82% Complete
- b. East/West Transmission Main Phase IIB
 - i. Design at 87% Complete
- c. East/West Transmission Main Phase IIC
 - i. Design at 95% Complete
- d. Ormsby Pump Station
 - i. Design at 70% Complete
- e. Ormsby Storage Tank
 - i. Design at 90% Complete
- f. North Douglas County/Carson City Pump Station
 - i. Design at 95% Complete

4. Amber Way Water Tank (Town of Minden)

- a. Construction
 - i. Start: August 2010
 - ii. Completion: In-Service
- b. Budget
- c. Contract Amount: \$2,077,000
- d. Funding Source: Town of Minden

5. Buckeye Rd., East Valley Rd. Waterline (Town of Minden)

- a. Construction
 - i. Start: September 2010
 - ii. Completion: In-Service
- b. Budget
 - i. Contract Amount: \$1,902,000
 - ii. Funding Source: Town of Minden

6. Buckeye Rd., Heybourne to Virginia Ditch Waterline (Town of Minden)

- a. Construction
 - i. Start: January 2011
 - ii. Completion: In-Service
- b. Budget
 - i. Contract Amount: \$1,101,000
 - ii. Funding Source: Town of Minden

7. Buckeye Water Booster Pump Station (Town of Minden)

- a. Construction
 - i. Start: September 2011
 - ii. Completion: April 2012
- b. Budget
 - i. Contract Amount: \$1,644,000
 - ii. Funding Source: Town of Minden

8. Buckeye Rd., Virginia Ditch to Orchard Waterline (Town of Minden)

- a. Construction
 - i. Start: April 2011
 - ii. Completion: In-Service
- b. Budget
 - i. Contract Amount: \$443,000
 - ii. Funding Source: Town of Minden

9. Future Water Projects (Town of Minden)

- a. Lucerne Waterline
- b. Heybourne Booster Pump Station

10. 30" Johnson and Heybourne to IHGID Tee Waterline (Douglas County)

- a. Construction
 - i. Start: September 2010
 - ii. Completion: Closing Out
- b. Budget
 - i. Contract Amount: \$3,123,659
 - ii. Carson City Cost: \$1,791,835
 - iii. Carson City Portion Funding Source: Nevada Drinking Water Sate Revolving Fund (DWSRF) Loan

11. 1.5 MG Johnson Lane Tank and Parallel 18" Waterline (Douglas County)

- a. Construction
 - i. Start: January 2011
 - ii. Completion: Closing Out
- b. Budget
 - i. Contract Amount: \$2,592,929
 - ii. Carson City Cost: \$1,538,125
 - iii. Carson City Portion Funding Source: Nevada Drinking Water Sate Revolving Fund (DWSRF) Loan

12. 30" IHGID Tee to North County Booster Pump Station & Booster Station (Carson City/Douglas County)

- a. Construction
 - i. Start: April 2012
 - ii. Completion: February 2013
- b. Budget
 - i. Contract Amount: \$7,720,296 (Per Engineer's Preliminary Estimate)
 - ii. Carson City Cost: \$5,601,533
 - iii. Carson City Portion Funding Source: Nevada Drinking Water Sate Revolving Fund (DWSRF) Loan

13. Marlette/Hobart Pipeline Improvements (Carson City / State)

- a. Work Completed through January 2011
 - i. Finished 100% Design
- b. Budget
 - i. Funding Source for Design: Environmental Protection Agency Grant
 - ii. Funding Source for Construction: State Bonds
- c. Proposed Activities for February 2012 thru April 2012
 - i. Close Out Grant Application for Design
 - ii. Advertise and Accept Bids for Construction

14. Wastewater Reclamation Plant North Lift Pump Station (Carson City)

- a. Work Completed through January 2012
 - i. Contractor Addressing Lift Station Punch List
 - ii. Contractor Addressing Flood Wall Punch List
- b. Proposed Activities for February 2012 thru March 2012
 - i. Substantial Completion of both projects and address punch list
 - ii. Project Close Out
- c. Budget
 - i. Contract Amount: \$1,754,500.00
 - ii. Amendments/Change Orders: \$326,491.68 (Includes Flood Wall in the amount of \$211,784.00)
 - iii. Total Construction Cost: \$2,080,991.68
 - iv. Funding Source: Nevada Clean Water Sate Revolving Fund (DWSRF) Loan
 - v. Percentage Work Complete: 98%

15. Carson City Freeway Utility Relocation (Carson City)

- a. Work Completed through January 2012
 - i. Finished 95% Design
- b. Proposed Activities for February thru March 2012
 - i. Complete 100% Design
 - ii. Prepare Agreements Between NDOT and Carson City
- c. Budget
 - i. Contract Amount: \$1,264,811 (Per Engineer's Preliminary Estimate)
 - ii. Funding Source: Water Improvement & Sewer Improvement Bonds

16. Westside Parking lot - Community Center

- a. Work Completed through January 2012
 - i. All work completed except landscaping
- b. Proposed Activities for February April 2012
 - Finalize landscaping design and install landscaping to meet \$20,000 budget
- c. Budget
 - i. Amount: \$165,000
 - ii. Amendments/Change Orders: \$0.00
 - iii. Total Construction Cost: \$165,000
 - iv. Percentage Work Complete: 88%
 - v. Funding Source: 50% RTC, 50% Capital Fund

17. Route 6 Safe Routes to School Path Improvements

- Work Completed through January 2012
 - i. Change Order accepted and approved for extra work
 - ii. NDOT allowed extra work within overall \$187,000 budget
 - iii. Contractor completed extra work
- b. Proposed Activities for February 2011 March 2012
 - i. Project Close-out
- c. Budget

 - i. Contract Amount: \$128,921.00ii. Amendments/Change Orders: \$14,273.50
 - iii. Total Construction Cost: \$143,194.50
 - iv. Percentage Work Complete: 100%
 - v. Funding Source: Enhancement Grant

18. Waterfall Fire Watershed Improvements - Phase 3

- a. Work Completed through January 2012
 - i. All improvements completed in November 2011
- b. Proposed Activities for February 2012 March 2012
 - Request final grant payment from NRCS
- c. Budget

 - i. Contract Amount: \$247,452.50ii. Amendments/Change Orders: \$9,282.77
 - iii. Total Construction Cost: \$256,735.27
 - iv. Percentage Work Complete: 100%
 - v. Funding Source: NRCS Grant

19. Animal Control Facility - Step 1

- a. Work Completed through January 2012
 - BOS selects facility site
- b. Proposed Activities for February 2012 March 2012
 - Begin building and site design
- c. Budget
 - i. Contract Amount: \$85,000.00
 - ii. Amendments: \$0.00 (0%)
 - iii. Total Amount: \$85,000.00
 - iv. Percentage Work Complete: 21%
 - v. Funding Source: Capital Fund

20. Combs Canyon Curb Improvement Project

- Construction
 - Start: On-hold i.
 - ii. Completion:
- b. Budget
 - i. Amount: \$75,000
 - ii. Funding Source: None Identified

21. North Roop Pedestrian Improvement Project

- a. Design
 - i. Start: July 2011
 - ii. Completion: March 2012
- b. Construction
 - i. Construction: June 2012 to October 2012
- Total Budget
 - i. Amount: \$526,305
 - ii. City requested and NDOT agreed to add improvements along west side of North Roop Street which added \$100,000 to the budget
 - iii. Funding Source: Enhancement Grant

17. Route 6 Safe Routes to School Path Improvements

- Work Completed through January 2012
 - i. Change Order accepted and approved for extra work
 - ii. NDOT allowed extra work within overall \$187,000 budget
 - iii. Contractor completed extra work
- b. Proposed Activities for February 2011 March 2012
 - **Project Close-out**
- c. Budget

 - i. Contract Amount: \$128,921.00ii. Amendments/Change Orders: \$14,273.50
 - iii. Total Construction Cost: \$143,194.50
 - iv. Percentage Work Complete: 100%
 - v. Funding Source: Enhancement Grant

18. Waterfall Fire Watershed Improvements - Phase 3

- a. Work Completed through January 2012
 - i. All improvements completed in November 2011
- b. Proposed Activities for February 2012 March 2012
 - Request final grant payment from NRCS
- c. Budget

 - i. Contract Amount: \$247,452.50ii. Amendments/Change Orders: \$9,282.77
 - iii. Total Construction Cost: \$256,735.27
 - iv. Percentage Work Complete: 100%
 - v. Funding Source: NRCS Grant

19. Animal Control Facility - Step 1

- a. Work Completed through January 2012
 - BOS selects facility site
- b. Proposed Activities for February 2012 March 2012
 - Begin building and site design
- c. Budget
 - i. Contract Amount: \$85,000.00
 - ii. Amendments: \$0.00 (0%)
 - iii. Total Amount: \$85,000.00
 - iv. Percentage Work Complete: 21%
 - v. Funding Source: Capital Fund

20. Combs Canyon Curb Improvement Project

- a. Construction
 - i. Start: On-hold
 - ii. Completion:
- b. Budget
 - i. Amount: \$75,000
 - ii. Funding Source: None Identified

21. North Roop Pedestrian Improvement Project

- a. Design
 - Start: July 2011 i.
 - ii. Completion: March 2012
- b. Construction
 - i. Construction: June 2012 to October 2012
- Total Budget
 - i. Amount: \$526,305
 - ii. City requested and NDOT agreed to add improvements along west side of North Roop Street which added \$100,000 to the budget
 - iii. Funding Source: Enhancement Grant

26. Salt/Cinder and Photovoltaic Building (Carson City)

- Work Completed through January 2012
 - i. Completed construction of metal building
 - ii. Installed solar arrays and respective wiring
 - iii. Installed interior and exterior lights as well as all electrical outlets and switches
- b. Proposed Activities for February 2012
 - i. Complete remaining "loose ends" of projectii. Process final payment
- Budget
 - Contract Amount: \$515.819.99
 - ii. Amendments/Change Orders: \$15,721.32
 - iii. Total Construction Cost: \$531,541.31
 - iv. Percentage Work Complete: 99%
 - v. Funding Source:
 - (1) Storm Drain Fund and NV Energy Rebate

27. Solar Retrofit Projects at Wastewater

- Work Completed through January 2012
 - i. Project awarded to Nelsen Electric
 - ii. Began construction
- b. Proposed Activities for February 2012
 - i. Complete grading and trenching
 - ii. Pour footing and grade beams
 - iii. Install PV solar arrays
- Budget
 - i. Contract Amount: \$1,461,675
 - ii. Amendments/Change Orders: \$0.00
 - iii. Total Construction Cost: \$1,461,675
 - iv. Percentage Work Complete: 5%
 - v. Funding Source:
 - (1) NV Energy Rebate and Sewer Capital Fund

28. Community Center Roof

- Work Completed through December 2011
 - Project complete with exception of painting trim
- b. Proposed Activities for March 2012
 - Repaint trim after temperatures improve i
- c. Budget:
 - i. Contract Amount: \$275,000
 - ii. Amendments/Change Orders: \$0.00
 - iii. Total Construction Cost: \$245,000
 - iv. Percentage Work Complete: 99.0%
 - v. Funding Source:
 - (1) Capital Fund

29. Carson River Park (Carson City)

- a. Work Completed through January 2012
 - Irrigation, parking, and landscaping around park
- b. Proposed Activities for February thru March 2012
 - Install picnic shelter and place picnic tables
 - ii. Test irrigation system for coverage and pressure
- Budget
 - i. Contract Amount: \$166,039.99
 - ii. Amendments/Change Orders: \$9,996.68
 - iii. Total Construction Cost: \$176,036.67
 - iv. Percentage Work Complete: 90%
 - v. Funding Source:
 - (1) Residential Construction Tax
 - (2) Question 1 and Water Subconservancy District

30. Costco Waterline Connection to Douglas County

- i. Design at 75% complete
- ii. Funding Source: Water Improvement Bond

31. ADA Improvements West Side Community Center, Seating in Bob Boldrick Theater (wheelchair lift, ramp, and upper west restrooms) and Theater Seats.

i. Design at 60% complete

32. Roberts House Carriage House

- i. Design at 100% completeii. Additional funds have been secured
- iii. Construct late spring 2012

33. BMX Track Lighting

i. On hold pending funding