



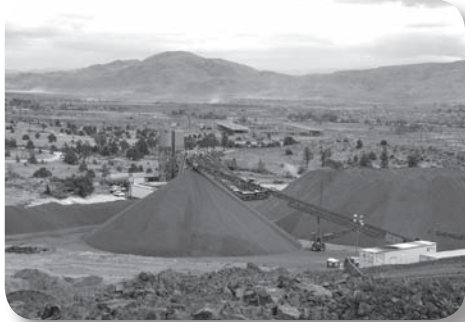
I-580 Freeway Extension Project

Summer 2007 Newsletter



Full Steam Ahead on the I-580 Freeway Extension

Six months have passed since Fisher Industries was given the "green light" by the Nevada Department of Transportation (NDOT) to begin mobilization and construction activities on the I-580 Freeway Extension Project's final contract (Contract 3292). The project has been designed



Material Production Area
Aggregate stockpiles in the material production area with the concrete batch plant in the background. June 5, 2007.



Steamboat Hills Bridge
South view of pier and foundation construction at Steamboat Hills Bridge. June 5, 2007.

to recycle more than 90 percent of the material from the excavation and earthmoving activities and reuse it throughout the project. Fisher Industries has built an aggregate material production operation and on-site concrete batch plant. The aggregate production area is located at the north end of the project just south of the Mt. Rose Interchange. The operation consists of several large conveyor systems and crushers which have already produced 187,000 tons of aggregate to be used in the construction of the freeway, including aggregates for structural concrete and asphalt paving.

Construction access roads have been built along the Pleasant Valley mountain side. Excavation and foundation preparation is underway for the bridges at Galena Creek, Steamboat Hills, Pleasant Valley, and the Galena Forest areas.

CC Myers, the bridge subcontractor, is hard at work at the Galena Creek Bridge site. They have completed the north abutment and are beginning construction of additional piers that will support the bridge deck.

Eight piers are under construction at the Steamboat Hills Bridge site. Other bridge work along the project includes excavation for the Pleasant Valley and the Galena Forest Bridges and pouring concrete for the approaches to the Browns Creek and St. James Parkway structures. Electrical work is underway at Browns Creek Bridge and Mt. Rose Highway.



Pleasant Valley Bridge
Excavation and drill rig set up for drilling concrete piles for bridge foundation. June 5, 2007



Dust Abatement
Water trucks continuously wet down graded areas for dust abatement. June 5, 2007.

Galena Creek Bridge

Fisher Industries and CC Myers are using a different approach to build the arch at the Galena Creek Bridge than was originally designed. They plan to temporarily fill the Galena Creek canyon to a maximum height of 140 feet, and build the arch on top of the fill. The fill will be approximately 210 feet wide at the top and 385 feet wide at the base of the creek. To construct the fill, Fisher Industries plans to move in 290,000 cubic meters (380,000 cubic yards) of material.

Once the fill is in place, falsework will be built on top of the fill to support the arch during its construction. The falsework will have a maximum height of approximately 130 feet.

A temporary culvert will be constructed to allow Galena Creek to pass under the temporary fill. The culvert will be 40 feet wide and 20 feet high and has been designed to convey a 100-year flood event.

The additional area being disturbed by this method of construction will also be mitigated and re-vegetated after construction is complete.

UNR Students Visit I-580 Project

On March 28, 2007, four upper graduate students and their professor, Dr. Robert Watters, from the University of Nevada-Reno (UNR) took a field trip to the I-580 Freeway Extension Project. They were on site to gather rock and soil samples around the Galena Creek Bridge as part of their class instruction.

These students are in a Capstone course for geological engineering majors. The design course requires knowledge of geology, slope stability, remote sensing, soil mechanics, groundwater, as well as other supporting classes from the general education curriculum.



UNR Student Visit

The Galena Creek Bridge south of Reno and a bridge near Boulder City in southern Nevada are just the right types of bridge structures for the focus of their studies this semester.

The course objective is to consider how the two bridge designs have been influenced by geology, seismology, and rock and soil strength, and how the geology has influenced the approach works (roads, embankments, slope stability and drainage). Once the analysis is complete, it will be submitted to NDOT for their consideration.

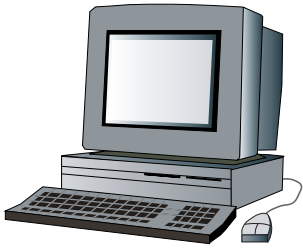
Community Field Meeting

Members of NDOT and the Fisher Industries Project Management Team for the I-580 Freeway Extension participated in a community field meeting with local residents on Wednesday, June 13, 2007, at the base of the Galena Creek Bridge site located off Mini Lane, in Pleasant Valley.

This meeting provided the contractor an opportunity to show architectural renderings, discuss the earth fill's features and benefits for constructing the Galena Creek Bridge. This meeting also allowed the public an opportunity to make comments and ask questions about the construction method to be used.



For more information on how to attend an I-580 Freeway Extension public tour, please contact:



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Project Website:

www.freewayextension.com

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What's Inside

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Project Schedule

