

**CONSTRUCTION PHASE
TRAFFIC MANAGEMENT PLAN**

FOR

***Swan River Restoration Project – Reach B
Williams Placer MS# 1118
Tiger Road (SCR 6), Summit County, Colorado***

Prepared: June 1, 2017

By

OPEN SPACE & TRAILS DEPARTMENT



PROJECT OVERVIEW

This Construction Phase Traffic Management Plan (TMP) is developed to help describe and mitigate the anticipated effects of truck traffic on residents and recreationalists along the Tiger Road (SCR 6) haul route associated with the Swan River Restoration Project. This plan is specific to Reach B of the Williams Placer only, anticipated to be completed in 2021.

A key element to the success of this project from both an aesthetic and economic standpoint is the ability to process and mill material for the project and remove excess material from the project site. Excess material hinders the goals of the restoration project and can be beneficially reused by other projects in Summit County.

Simultaneous with gravel removal operations, a new river alignment, riparian area, and uplands will be rough graded with heavy machinery. The crushing operation will comply with all Air Pollutant Emission Notice (APEN) permits as required by the Colorado Department of Public Health and the Environment (CDPHE), as well as all local ordinances including, but not limited to Conditional Use Permit (CUP) PLN16-17, issued by Resolution No. 2016-22 of the Board of County Commissioners of Summit County, allowing for milling operations on the project site. Mining activity on the project site is also permitted under a 112c State Mining Permit with the Colorado Division of Mining, Reclamation and Safety (DRMS) Mine ID# M-1993-035.

Though milling operations may occur on the project site Monday – Saturday (6 days a week), from 7:00 a.m. – 7:00 p.m., trucking of crushed material is limited to Monday – Friday (5 days a week) from 7:00 a.m. to 5:30 p.m. to limit potential impacts on cyclists and other recreational users along Tiger Road.

MATERIAL IMPORT, EXPORT & HAULING COORDINATION

Contractor: Schofield Excavation, Inc.
Address: PO Box 612
City, State, Zip: Gypsum, CO 81637
Telephone Number: 970-524-3478
Fax Number: 970-465-7395

Estimated Start Date: June 19, 2017
Estimated Completion Date: November 30, 2017
Working Hours: Monday - Friday, 7 a.m. – 5:30 p.m.

Name of on-site superintendent: Jeremy Carfi
Cell Phone Number: TBD 970-471-3357

Contract Responsibilities:

Contractor is responsible for coordinating the import and export of the materials to and from the Reach B site. During the 2017 season, the contractor will share the Reach B site with SEMA, CDOT's contractor for the State Highway 9 Iron Springs highway realignment project who is in the process of removing approximately 24,000 of previously milled material from the Reach B site. Material export includes excess materials derived from removing existing dredge piles and rough grading the new river alignment, and surrounding riparian area and uplands. This material will then be transported to a mobile crushing plant that will be set up on the upstream end of the project. The total export volume from the project site is estimated to be approximately

195,000 CY, or approximately 13,000 truckloads¹.

Schofield Excavation shall notify the Summit County Open Space and Trails Department (OST) at least five (5) business days in advance of commencing or suspending import and export operations from the Reach B site. Schofield shall provide at least monthly updates to OST throughout the duration of export operations from the site and OST will incorporate information into the regular project blog which will be available on the County website under this project.

Safe and considerate use of Tiger Road in accordance with all traffic laws is of critical importance to the County. Contractor shall ensure that all trucking or hauling completed by Contractor, Subcontractors, and any other representatives or employees of the Contractor or Subcontractors is completed in accordance with this Traffic Management Plan and all applicable traffic laws. Any known traffic violations shall be reported by the Contractor to the Open Space and Trails Department. In the event any individual employee or operator receives a second traffic violation on Tiger Road, a penalty of \$250.00 shall be paid by the Contractor to County as a penalty in addition to any other applicable penalties. In the event of a third violation on Tiger Road by the same individual, the Contractor shall prohibit that individual from hauling any materials associated with the project onto, or off of the Reach B site for the duration of the effectiveness of this plan. This trucking plan and penalty provisions shall be incorporated into agreements with all subcontractors.

Noise Control:

All motor vehicles using Tiger Road for hauling shall conform to Section **5-8-10 of the Breckenridge Town Code: Motor Vehicle Noise:** *“Maximum Permissible Noise Levels – vehicles weighing less than 10,000 pounds, manufacturer’s gross vehicle weight may not exceed 80 decibels measured at a distance of 25 ft.; vehicles weighing 10,000 pounds or more, manufacturer’s gross vehicle weight may not exceed 90 decibels measured at a distance of 25 ft.”*

Truck Route:

Material exported from /imported to the Reach B site will be trucked to/from its destination/source via Tiger Road (SCR 6). Although the daily truck counts will be highly variable due to the phasing of the project and needs of the receiving sites, the estimated average truck count associated with the export of crushed material will be approximately 15 truckloads/day (1.25 trucks per hour)² and the highest daily truck count to be on the order of 100 loads for short durations (about 8 trucks per hour) throughout the duration of the project.

Trucks hauling milled materials shall access the Reach B site via Rock Island Road at the appropriate intersection with Tiger Road (SCR 6). Refer to the Truck Route Plan, which depicts permissible site access.

¹ Number of estimated truckloads assumes use of 15 CY capacity trucks/trailers for hauling milled material(s) from the project site. This quantity does not include material(s) managed by SEMA (approximately 24,000 CY, ~870 truckloads). Hauling by SEMA is managed under a separate, but similar Travel Management Plan.

² Daily truckloads are approximated based on the total estimated volume of material to be removed from the project site (13,000 truckloads) during an estimated seven month construction season over the course of five total seasons.

Trucks shall at a minimum adhere to the following conditions:

- Follow all applicable traffic rules and laws
- Strictly adhere to all posted speed limits
- Follow all applicable conditions of Summit County Conditional Use Permit #PLN16-017
- Use of compression release engine brakes ('Jake' brakes) shall be prohibited
- Yield to bicycle, equestrian and pedestrian traffic sharing the roadway
- Through traffic hauling milled product on Revette Drive is prohibited

Material Storage Location:

The staging area for milling and stockpiling is an approximately 5 acre site depicted on the attached project plans.

Traffic Control:

Summit County shall ensure that Tiger Road (SCR 6) is striped (centerline and bicycle "sharrows") and that all required speed limit signage is installed prior to the commencement of trucking to/from the project site. Additional roadway signage will be evaluated (e.g., "No Jake Brakes", "Heavy Truck Traffic", "Share the Road", etc.) and installed at the discretion of the Summit County Road & Bridge Department. The contractor shall maintain traffic control signage on Tiger Road as set forth in the Model Traffic Code as Amended and Adopted by Summit County during periods of road construction. Summit County will work with the Sherriff's Department in an effort to enhance traffic law enforcement along Tiger Road during construction. Summit County shall also evaluate unpaved portions of Tiger Road for opportunities to make additional safety improvements.

Parking:

On average, approximately 3 - 5 workers will be on the Reach B site during periods of active construction. Workers shall park on the project site and not obstruct traffic or public parking areas adjacent to the project site.

Environmental Controls:

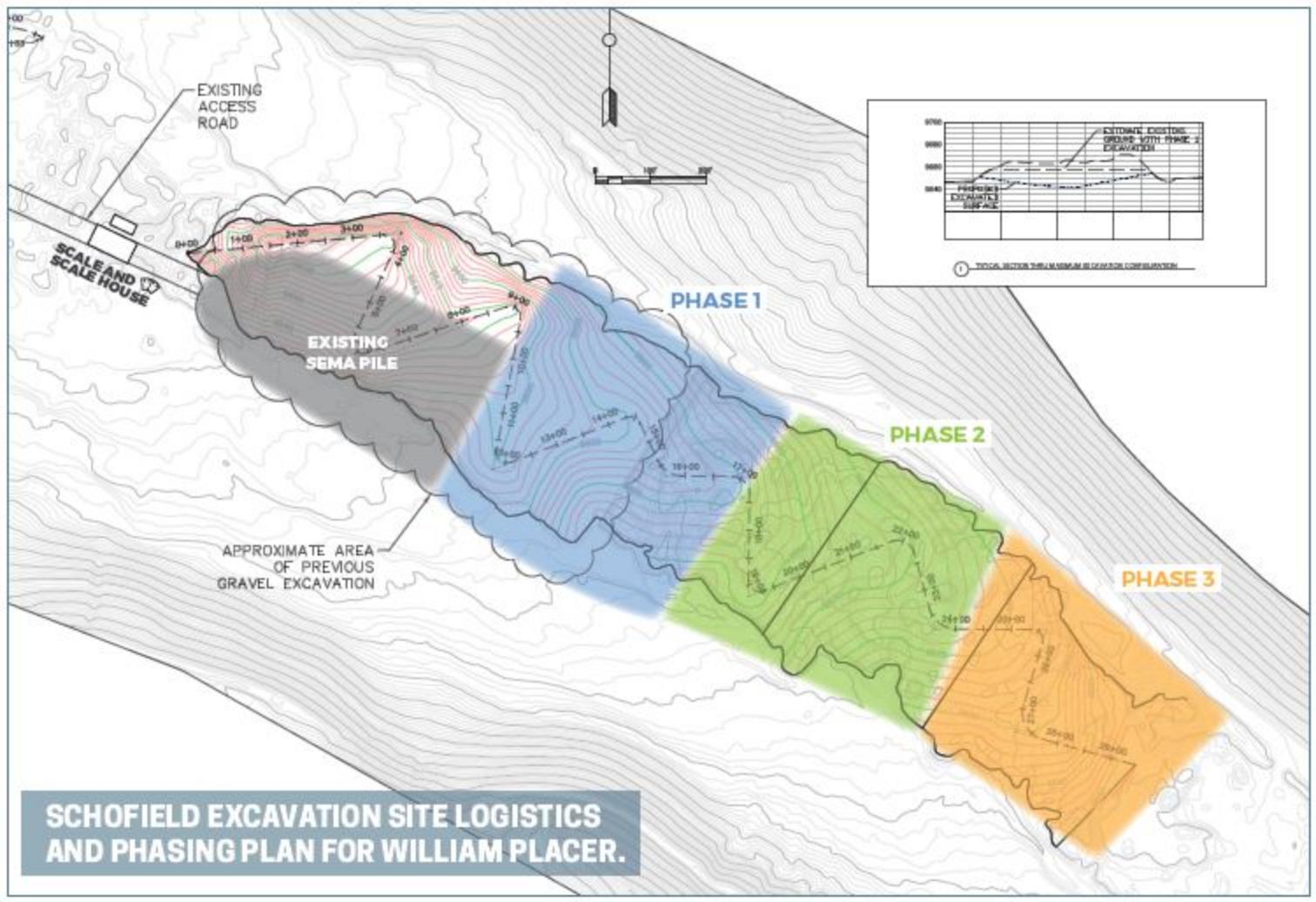
Construction phase dust control and monitoring shall conform to all state, federal, and local stormwater management, erosion and sediment control, and hauling requirements including, but not limited to controlling onsite fugitive dust, and tarping trucks leaving the project site.

Public Outreach:

Summit County shall provide the following:

- Construction updates on the project website blog while export activities are occurring at (<http://www.summitcountyco.gov/swanriverblog> and/or <http://www.restoretheswanriver.com>).
- The County will install educational signage at the trailhead near the property boundary and maintain signage identifying the site as closed during operations.

ACCESS AND STAGING PLAN



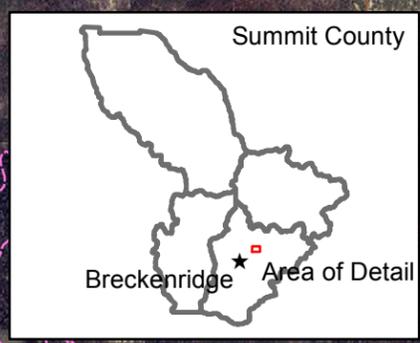
SCHOFIELD EXCAVATION SITE LOGISTICS AND PHASING PLAN FOR WILLIAM PLACER.

TRUCK ROUTE PLAN

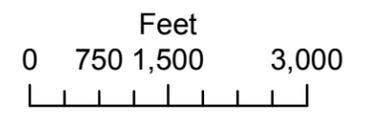
Swan River Stream Restoration

Williams Placer Reach B

Truck Haul Route Plan



Permissible Haul Route
 Paved Road
 Unpaved Road
 Trail



This predefined truck haul route for truck traffic associated with the Swan River Restoration Project (Williams Placer - Reach B) and associated Construction Phase Traffic Control Plan is developed to help mitigate the effects of truck traffic on residents and recreationalists along and adjacent to the Tiger Road (SCR 6) haul route. This plan is specific to the Reach B project site only.

Drivers shall adhere to the following:

- Follow all applicable traffic rules, laws, and signage
- Follow all posted speed limits
- The use compression release engine brakes ('Jake' brakes) is strictly prohibited
- Yield to bicycle, pedestrian, and other recreational traffic sharing the roadway

Questions can be directed to the Open Space & Trails Department at 970-668-4213.



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