[TEMP. DW.]

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PULIC WORKS

Date: 10-20-2008

Received By: WW

# DRIVEWAYS AND PAVED FRONTAGES PERMIT APPLICATION

CR#: 036691

| APPLICANT | |
|---|---|
| Name: | REEVES SAND & GRAVEL INC |
| Address: | PO BOX 60 |
| City, State, Zip Code: | FRENCH CAMP CA 95207 |
| Area Code - Telephone Number: | 209-607-2400 |

| SITE INFORMATION: | |
|---|---|
| Parcel Owner's Name: | CHARLES HARRIS |
| Site Address: | 18600 N. RIPON RD |
| City, State, Zip Code: | RIPON, CA 95336 |
| Area Code - Telephone Number: | 209-607-2400 |

| CONTRACTOR | |
|---|---|
| Name: | REEVES SAND & GRAVEL INC |
| Address: | PO BOX 60 |
| City, State, Zip Code: | FRENCH CAMP CA 95207 |
| Area Code - Telephone Number: | 209-607-2400 |

| OFFICE USE ONLY | | | |
|---|---|---|---|
| JOB #: | 11005 | ISSUE DATE: | |
| APN | 245-020-38 | FEE DUE: | |
| EXP. DATE: | | DRIVEWAYS: | |
| STREET: | N. Ripon Rd. | | * |
| AREA: | RIPON | QUAD SE | * |
| TYPE: | TEMP DW | | * |
| FORMS: | SS/WW | | |
| NOTES: | To Follow Co. Storm Water BMP Handbook TC-1 | | |

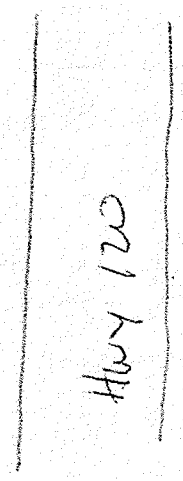
| DRIVEWAY | | |
|---|---|---|
| TYPE: | QUANTITY | WIDTHS |
| AGRICULTURE: | X | @FRONTAGE |
| COMMERCIAL: | | |
| INDUSTRIAL: | | @ R/W |
| RESIDENCE: | | |

| PAVED FRONTAGE | | | | |
|---|---|---|---|---|
| LENGTH: | Ft. | X | WIDTH: | Ft. |

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the WEST side of N. RIPON RD. approximately 650' (feet/mile) South of PONAHINE RD., _____, by installing _____

_____ Work will commence on or about _____ for approximately _____ days.

SKETCH (Separate sheet may be submitted)




Will this project be self-installed? X YES _____ NO Contractor's License _____

THE APPLICANT HEREBY CERTIFIES:

1. That he/she has read all the provisions of this application, and that the description included in this application are correct to the best of his/her knowledge; and

2. That he/she is the owner of the respective property, or is qualified to represent the owner; and

3. That he/she will assume full responsibility for all liability for persona; injury or damage to property which may arise out of the work described above, or which may arise out of his/her failure to do the work provided herein; and

4. That in the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, he shall defend, indemnify and hold them and each of them harmless for such claim; and

5. That work shall be performed by the applicant and/or any representative of the application in the County Right-of-Way at the above indicated site with a valid San Joaquin County Encroachment Permit; and

6. That if permission is granted as requested, he agrees to do the work described in accordance with all terms, condition and restriction of this and any attached sheet, included as general or special III provisions.

Roger Reus President — Signature of Applicant Title

9-25-2008 — Date

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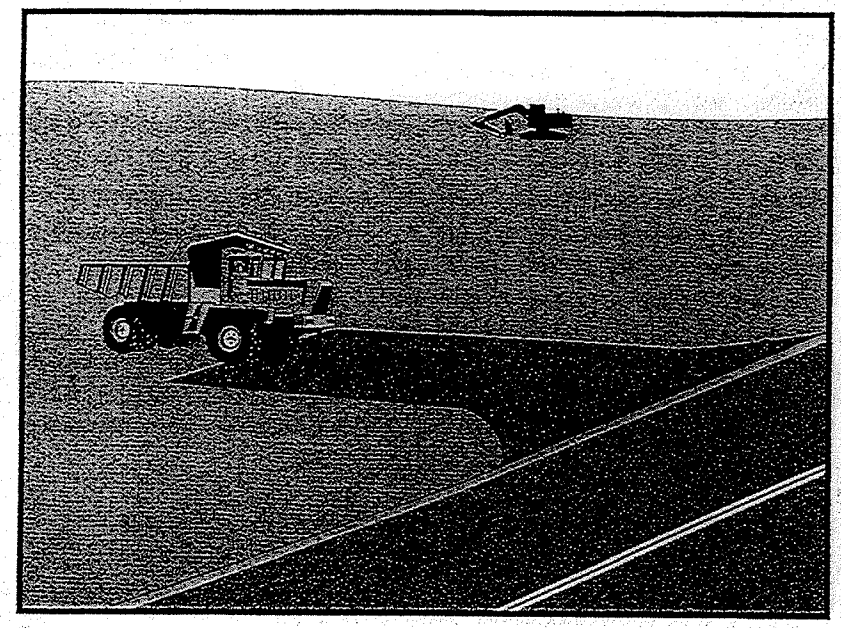
# Stabilized Construction Entrance/Exit TC-1



## Objectives

| | | |
|---|---|---|
| EC | Erosion Control | ✓ |
| SE | Sediment Control | ✓ |
| TC | Tracking Control | ✓ |
| WE | Wind Erosion Control | |
| NS | Non-Stormwater Management Control | |
| WM | Waste Management and Materials Pollution Control | |

**Legend:**

✓ **Primary Objective**

✓ **Secondary Objective**

## Targeted Constituents

| | |
|---|---|
| Sediment | ✓ |
| Nutrients | |
| Trash | |
| Metals | |
| Bacteria | |
| Oil and Grease | |
| Organics | |

## Potential Alternatives

None

## Description and Purpose

A stabilized construction access is defined by a point of entrance/exit to a construction site that is stabilized to reduce the tracking of mud and dirt onto public roads by construction vehicles.

## Suitable Applications

Use at construction sites:

- Where dirt or mud can be tracked onto public roads.
- Adjacent to water bodies.
- Where poor soils are encountered.
- Where dust is a problem during dry weather conditions.

## Limitations

- Entrances and exits require periodic top dressing with additional stones.
- This BMP should be used in conjunction with street sweeping on adjacent public right of way.
- Entrances and exits should be constructed on level ground only.
- Stabilized construction entrances are rather expensive to construct and when a wash rack is included, a sediment trap of some kind must also be provided to collect wash water runoff.

CASQA
California Stormwater Quality Association

## Implementation

### *General*

A stabilized construction entrance is a pad of aggregate underlain with filter cloth located at any point where traffic will be entering or leaving a construction site to or from a public right of way, street, alley, sidewalk, or parking area. The purpose of a stabilized construction entrance is to reduce or eliminate the tracking of sediment onto public rights of way or streets. Reducing tracking of sediments and other pollutants onto paved roads helps prevent deposition of sediments into local storm drains and production of airborne dust.

Where traffic will be entering or leaving the construction site, a stabilized construction entrance should be used. NPDES permits require that appropriate measures be implemented to prevent tracking of sediments onto paved roadways, where a significant source of sediments is derived from mud and dirt carried out from unpaved roads and construction sites.

Stabilized construction entrances are moderately effective in removing sediment from equipment leaving a construction site. The entrance should be built on level ground. Advantages of the Stabilized Construction Entrance/Exit is that it does remove some sediment from equipment and serves to channel construction traffic in and out of the site at specified locations. Efficiency is greatly increased when a washing rack is included as part of a stabilized construction entrance/exit.

### *Design and Layout*

- Construct on level ground where possible.
- Select 3 to 6 in. diameter stones.
- Use minimum depth of stones of 12 in. or as recommended by soils engineer.
- Construct length of 50 ft minimum, and 30 ft minimum width.
- Rumble racks constructed of steel panels with ridges and installed in the stabilized entrance/exit will help remove additional sediment and to keep adjacent streets clean.
- Provide ample turning radii as part of the entrance.
- Limit the points of entrance/exit to the construction site.
- Limit speed of vehicles to control dust.
- Properly grade each construction entrance/exit to prevent runoff from leaving the construction site.
- Route runoff from stabilized entrances/exits through a sediment trapping device before discharge.
- Design stabilized entrance/exit to support heaviest vehicles and equipment that will use it.
- Select construction access stabilization (aggregate, asphaltic concrete, concrete) based on longevity, required performance, and site conditions. Do not use asphalt concrete (AC) grindings for stabilized construction access/roadway.