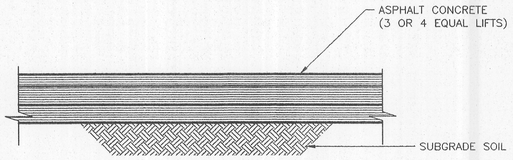
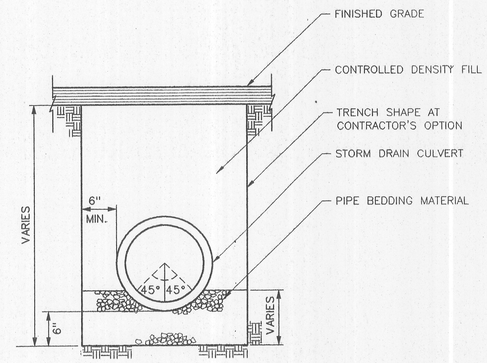
LOCATION	ASPHALT CONCRETE	AGGREGATE BASE	TRAFFIC INDEX	R-VALUE
ROTH ROAD	10"	0"	12	70



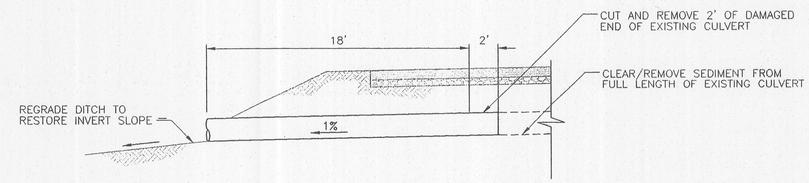
NOTES:

1. SCARIFY SUBGRADE SOIL TO A DEPTH OF 8 INCHES, UNIFORMLY MOISTURE CONDITIONED TO WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT, AND COMPACT TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION PER ASTM D1557. IF REQUIRED COMPACTION IS NOT ACCOMPLISHED, PRIVIDE OVEREXCAVATION AND RECOMPACTION AS DIRECTED BY THE COUNTY.
2. SUBGRADE SOILS SHALL BE IN A STABLE, NON-PUMPING CONDITION AT THE TIME AGGREGATE BASE MATERIALS ARE PLACED AND COMPACTED.
3. DURING CONSTRUCTION, PROVIDE ADEQUATE SURFACE AND SUBSURFACE DRAINAGE SHALL BE PROVIDED SUCH THAT THE SUBGRADE SOILS AND AGGREGATE BASE MATERIALS ARE NOT ALLOWED TO BECOME WET.
4. PROVIDE TACK COAT AT EXISTING ASPHALT SURFACES THAT WILL ABUT NEW ASPHALT.
5. ASPHALT PAVING MATERIALS AND PLACEMENT METHODS SHALL MEET CURRENT CALTRANS SPECIFICATIONS FOR ASPHALT CONCRETE. R=8000, 3/4" MAX. AGGREGATE SIZE.

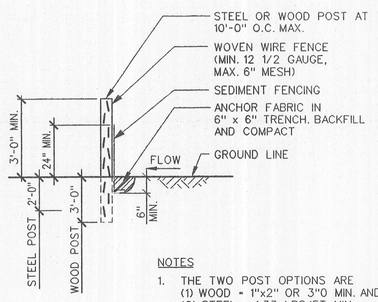
1 NEW ASPHALT PAVEMENT SECTION
C-301 SCALE: 1" = 1'



2 PIPE TRENCH
C-301 NO SCALE



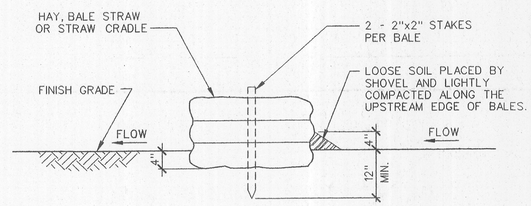
3 CULVERT EXTENSION
C-301 SCALE: 1" = 5'



NOTES

1. THE TWO POST OPTIONS ARE
   (1) WOOD - 1"x2" OR 3"0 MIN. AND
   (2) STEEL - 1.33 LBS/FT. MIN.

4 SEDIMENT BARRIER-SEDIMENT FENCE ALTERNATIVE
C-301 NO SCALE



NOTES

1. ALL HAY BALES SHALL BE TIED SECURELY WITH NYLON CORD OR STEEL WIRE AND PLACED ALONG A CONSISTENT ELEVATION.
2. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
3. THE FIRST STAKE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE.

5 SEDIMENT BARRIER-BALED STRAW OR HAY ALTERNATIVE
C-301 NO SCALE

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED:

DIRECTOR OF PUBLIC WORKS

DATE:
R.C.E. NO:
EXP. DATE:

REVISIONS

NO.	DESCRIPTION	DATE	BY
	COUNTY COMMENTS	9/9/05	
	REVISED PER COUNTY COMMENTS	10/7/05	

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Oakland, California 94612-3741
Phone: 510-835-2761
Fax: 510-835-9839

UNION PACIFIC RAILROAD

SCALE: AS SHOWN
DATE: 8/23/05
JOB NO. 501050070
DRAWN: AOB
DESIGN: JM
CHECKED: MRC

UNION PACIFIC RAILROAD

LATHROP INTERMODAL FACILITY SITE IMPROVEMENTS, SAN JOAQUIN COUNTY, CA

CIVIL DETAILS

SHEET C-301
OF
COMPUTER FILE NO.
DRAWING FILE NO.