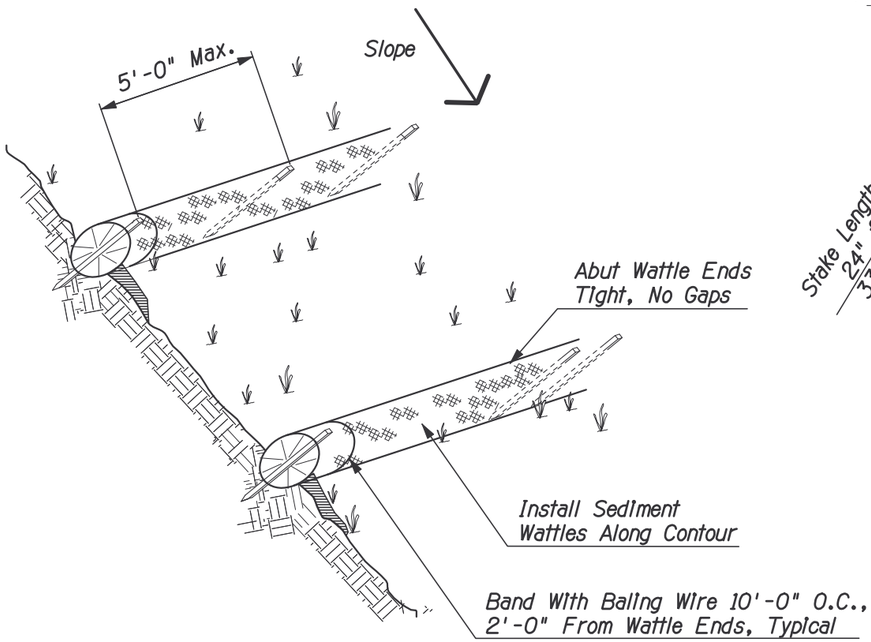
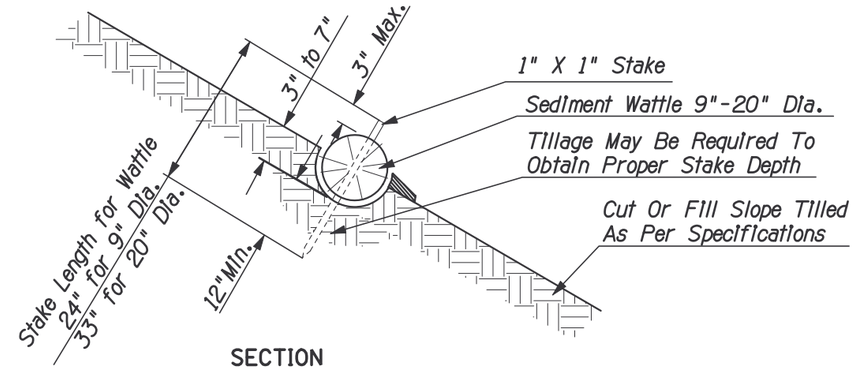
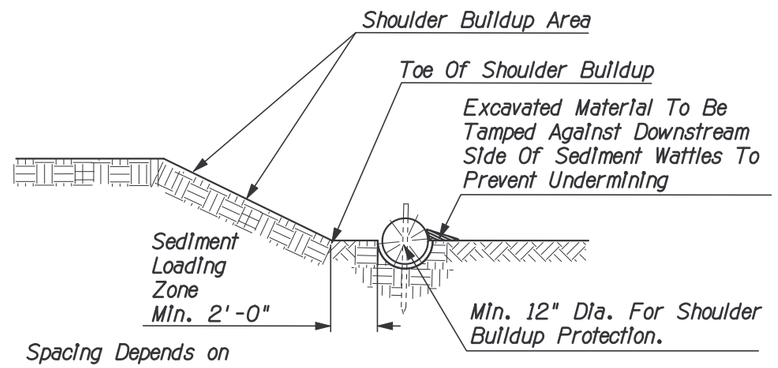
| F.H.W.A. REGION | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS | AS BUILT |
|---|---|---|---|---|---|
| 9 | ARIZ. | | | | |



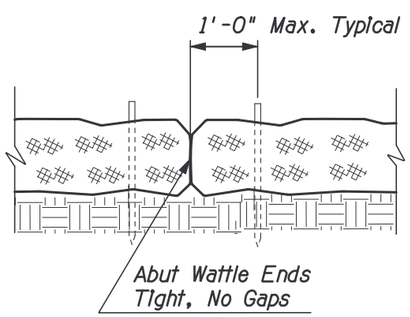

SEDIMENT WATTLE LAYOUT
(N. T. S., Typ.)



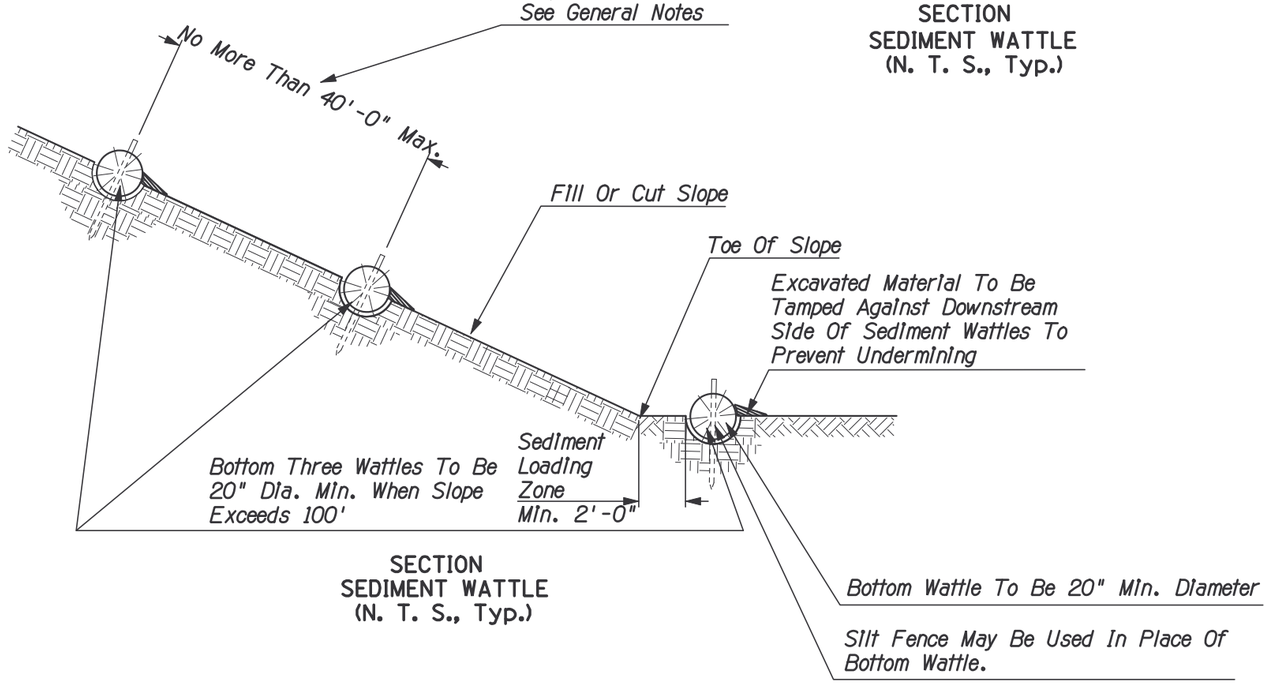

SECTION
SEDIMENT WATTLE
(N. T. S., Typ.)




SECTION
SEDIMENT WATTLE
(N. T. S., Typ.)




SEDIMENT WATTLE CONNECTION
(N. T. S., Typ.)




SECTION
SEDIMENT WATTLE
(N. T. S., Typ.)

# DETAIL E4
## SEDIMENT WATTLE

NOTES

Sediment wattles to be installed as slopes are constructed to grade or as directed by the engineer. They shall be selected, installed, and maintained in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices.

Trenches to be constructed along and parallel to the contours. Trench depth to be 1/3 the thickness of the sediment wattle. Place excavated material on downhill side of trench.

Locate sediment wattles as indicated on plans or as directed by the engineer. Space wattle trenches according to the following schedule:

| Slope Ratio | Maximum Spacing Intervals |
|---|---|
| 1:1 | 10'-0" |
| 2:1 | 10'-0" |
| 3:1 | 20'-0" |
| 4:1 | 30'-0" |
| 5:1 | 40'-0" |
| 6:1 | 40'-0" |

Sediment wattles to be in continuous contact with trench bottom and sides.

Stakes to penetrate soil of trench bottom 12" minimum. Stake to be exposed 3" maximum above top of wattle.

Space stakes 5'-0" o.c. Max., 1'-0"max. At wattle ends, typical.

A 20" dia. wattle may be made from 2 - 3 rolled excelsior or straw blankets.

Repair any rills or gullies promptly.

Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall whenever possible be constructed using minibenching best management practice (BMP).

Where minibenches are used, loosening the surface soil is not required.

| | NAME | DATE |
|---|---|---|
| DESIGN | E LEROY BRADY | 2-2006 |
| DESIGN | ZITAO FANG | 2-2006 |
| DRAWN | ZITAO FANG | 2-2006 |
| CHECKED | E LEROY BRADY | 2-2006 |
| TEAM LEADER | E LEROY BRADY | 2-2006 |

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADSIDE DEVELOPMENT SECTION

EROSION/SEDIMENT CONTROL AND WATER QUALITY PROTECTION DETAILS

ROUTE | MP | LOCATION

SHEET OF

TRACS NO.

___ OF ___

NO.1 DESCRIPTION OF REVISION | MADE BY | DATE | NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

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