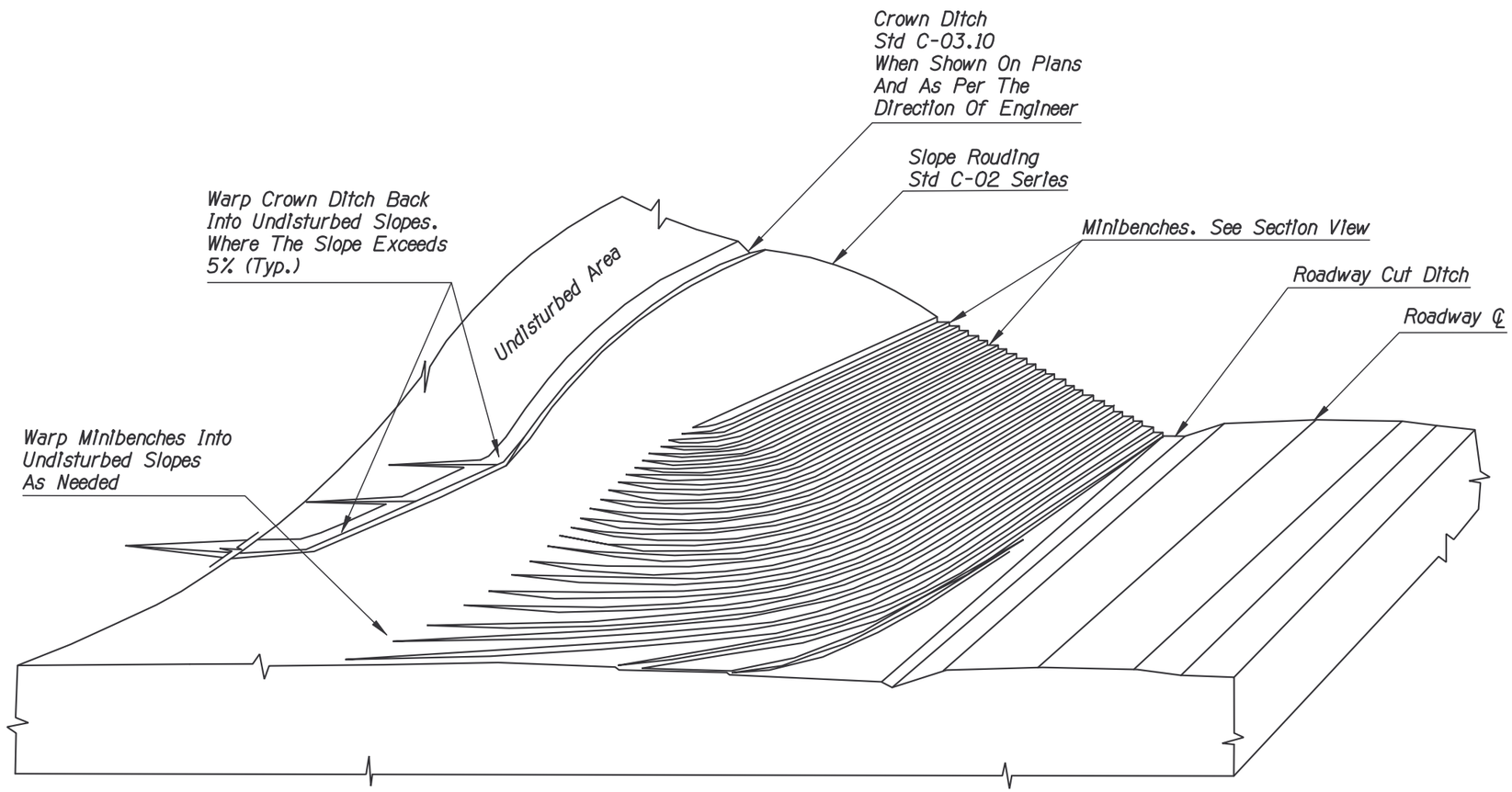
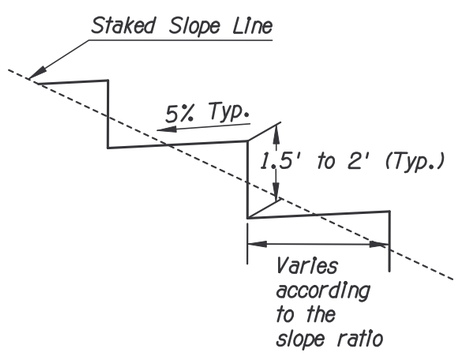
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



PERSPECTIVE VIEW OF MINIBENCHES



SECTION VIEW
MINI BENCHES
(N. T. S., Typ.)

GENERAL NOTES:

1. Minibenches to be constructed horizontal as the cut is being constructed.
2. Apply slope rounding as per Section 203, Subsection 3.03(B) of the Standard Specifications.
3. Dimensions of the ditches are noted on plan sheets.
4. The horizontal dimension of the bench is a function of the staked slope line.
5. Apply seeding for revegetation and permanent erosion control as the slope is being constructed to conform to the application limits of the seeding/mulching equipment.
6. Each bench must be constructed on the same elevation (contour line).
7. Minibenches shall be constructed on all soil and soil/rock slopes that are suitable.
8. Use earth diversion dike in lieu of crown ditch when suitable and as per the approval from the Engineer.
9. The potential volume and speed of run-on water should be carefully considered prior to selection of crown ditches as a diversionary measure. Other supplemental BMPs may be necessary in conjunction with crown ditches, earthen dikes or other run-on diversion measures, to prevent scour and provide outlet protection.

DETAIL E7
MINI BENCHING

	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. | DESCRIPTION OF REVISION | MADE BY | DATE

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