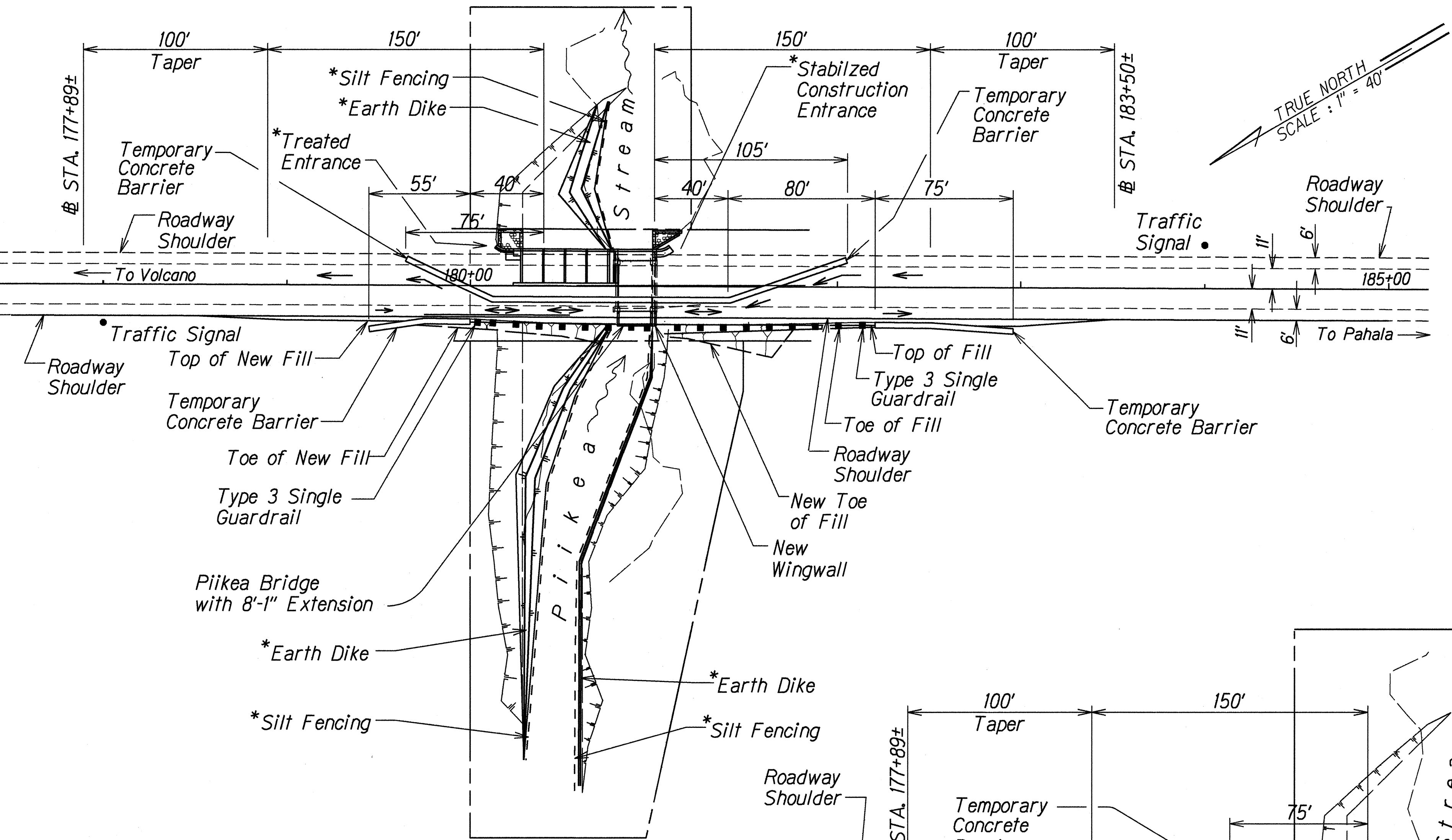


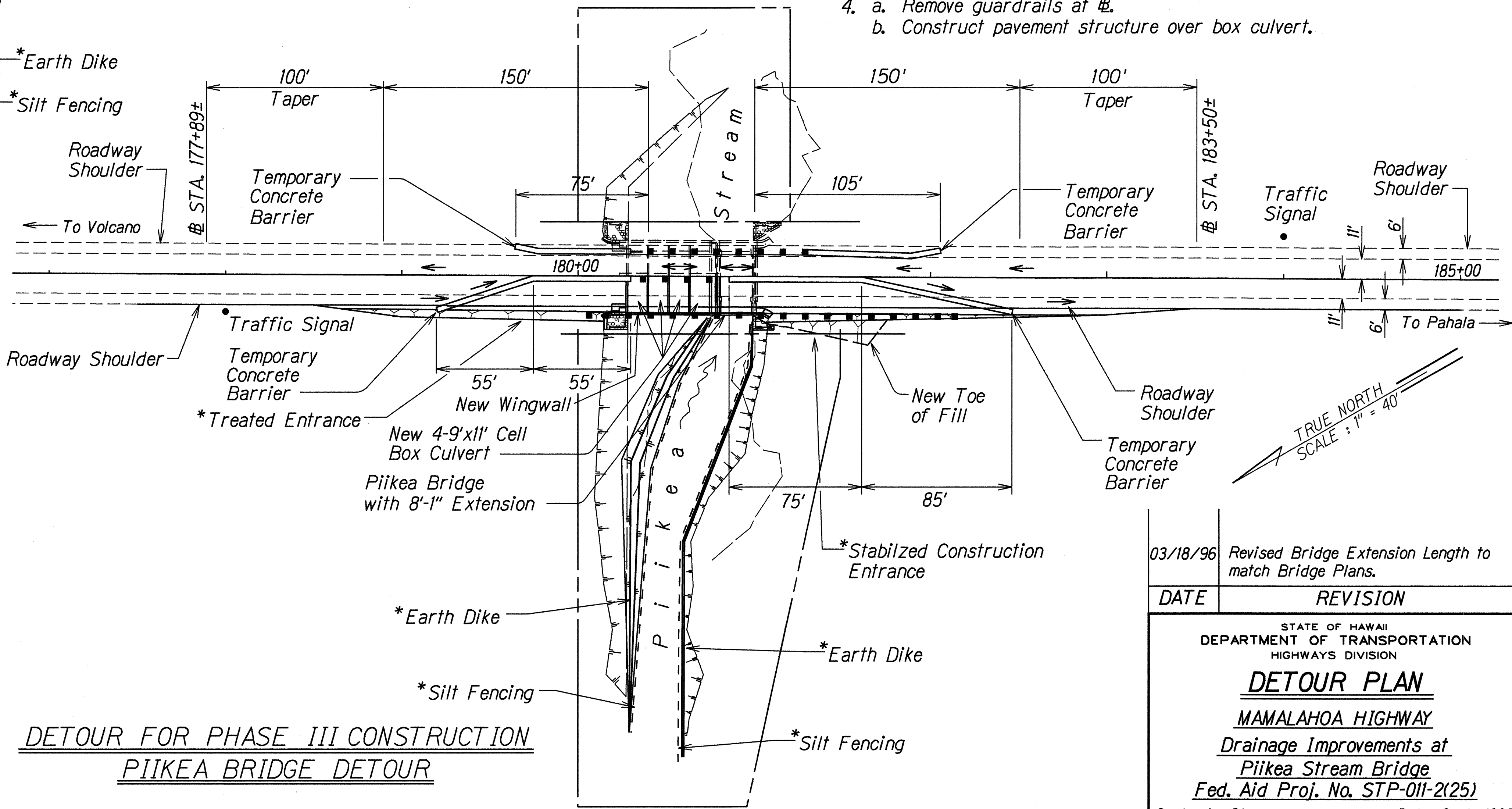
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-011-2(25)	1995	7	39

CONSTRUCTION DETOUR PHASING NOTES

- Construction Detour for Phase I work shall consist of:
 - Constructing a bridge extension for a detour road and embankment for a detour road.
 - Constructing a detour road.
- Construction Detour for Phase II work shall consist of:
 - Excavation, constructing the first half of 4 culverts and backfilling.
 - Roadwork installation of guardrails and constructing 3 wingwalls.
 - Construct new roadway.
 - Pavement striping and signing.
 - Remove embankment at box culverts.
- Construction Detour for Phase III work shall consist of:
 - Constructing a detour road embankment and a detour road.
 - Constructing the second half of 4 culverts and backfilling.
 - Roadwork installation of guardrails and constructing a wingwall.
 - Construct new roadway.
 - Pavement striping and signing.
- Remove guardrails at #.
 - Construct pavement structure over box culvert.



DETOUR FOR PHASE I & II CONSTRUCTION
PIIKEA BRIDGE DETOUR



DETOUR FOR PHASE III CONSTRUCTION
PIIKEA BRIDGE DETOUR

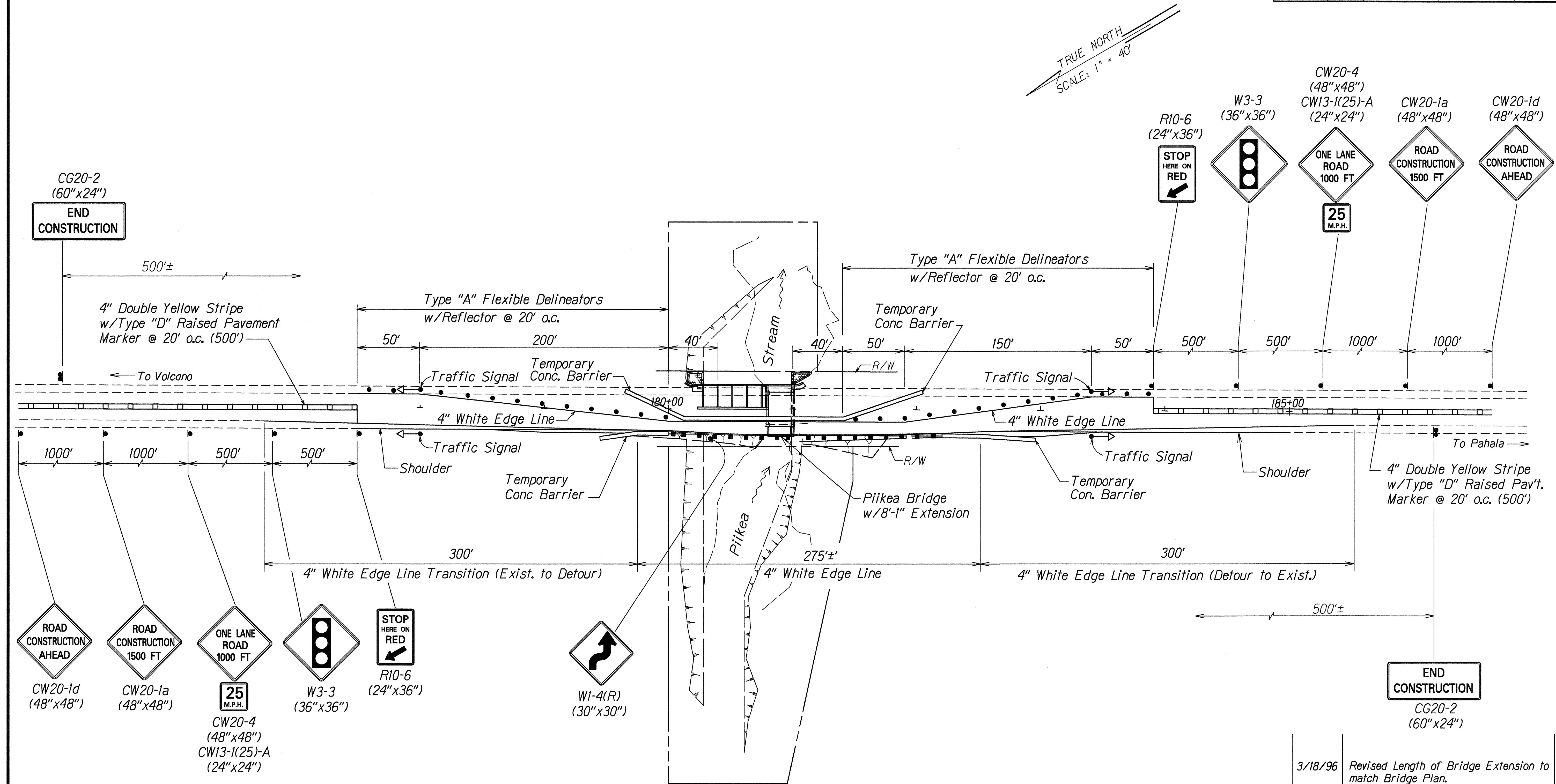
*BMP Measures for Prevention
of Pollution in Streams

Note: Daily Photographs shall be taken Upstream and Down
Stream Done by the Highway Construction Inspector
to Verify that No Chemical Pollutants, Silt and Debris
are Washed into the Stream from the Construction
Operations.

DESIGNED BY	DATE
TRACED BY	187-95
NOTED BY	
QUANTITIES BY	
CHECKED BY	

03/18/96	Revised Bridge Extension Length to match Bridge Plans.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DETOUR PLAN	
MAMALAHOA HIGHWAY	
Drainage Improvements at Piikea Stream Bridge	
Fed. Aid Proj. No. STP-011-2(25)	
Scale: As Shown	Date: Sept., 1993
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-011-2(25)	1995	8	39

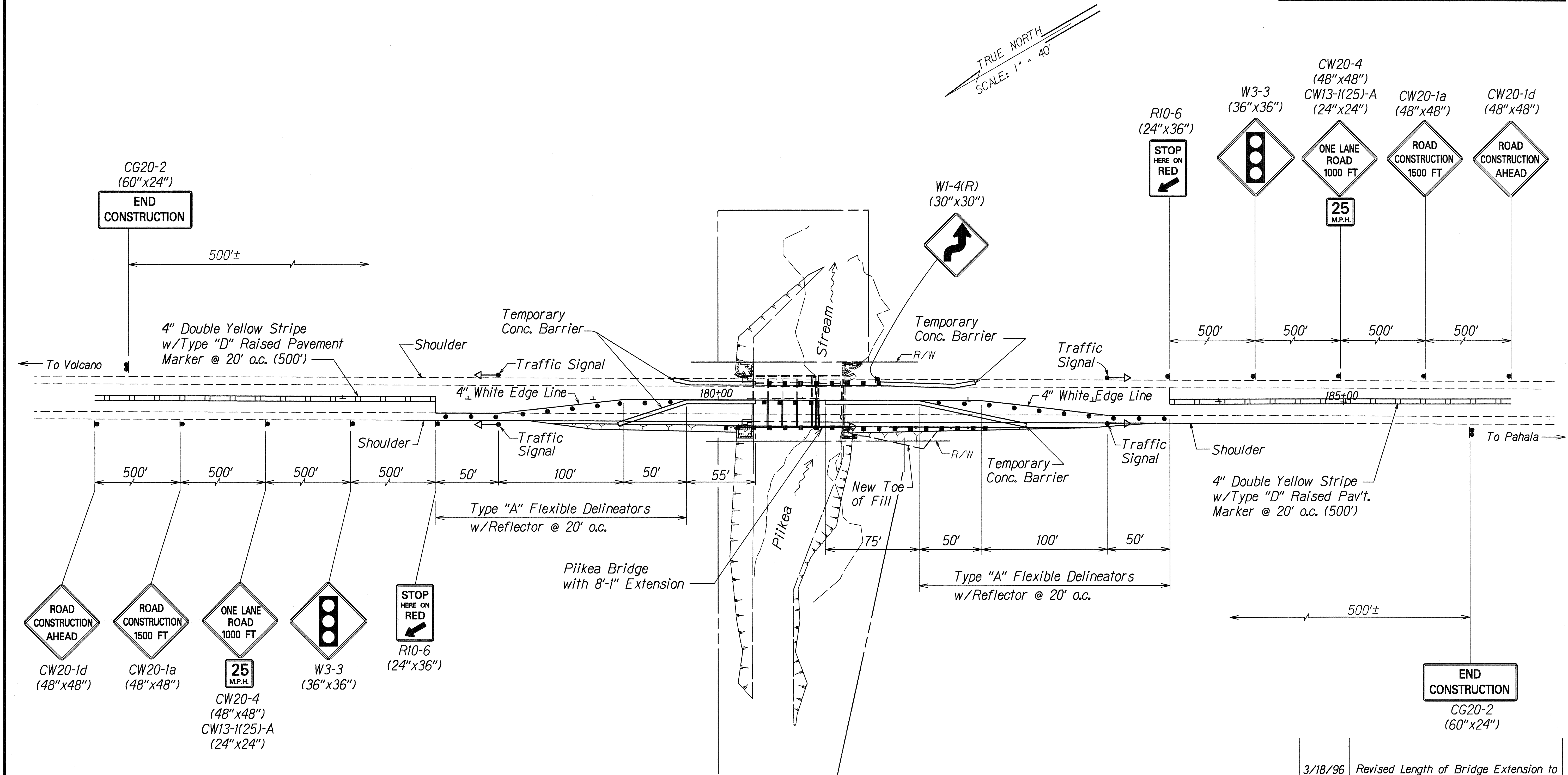


DETOUR FOR PHASE I & II CONSTRUCTION
PIIKEA BRIDGE DETOUR

3/18/96	Revised Length of Bridge Extension to match Bridge Plan.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
DETOUR PLAN
MAMALAHOA HIGHWAY
Drainage Improvements at
Piikea Stream Bridge
Fed. Aid Proj. No. STP-011-2(25)
Scale: 1"=40' Date: Jan, 1994
SHEET No. T1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-011-2(25)	1994	9	39



DATE	1/94
DESIGNED BY	R. All
TRACED BY	E. Ding
NOTED BY	M. Ding
QUANTITIES BY	
CHECKED BY	

DETOUR FOR PHASE III CONSTRUCTION
PIIKEA BRIDGE DETOUR

3/18/96	Revised Length of Bridge Extension to match Bridge Plan.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DETOUR PLAN
MAMALAHOA HIGHWAY
Drainage Improvements at
Piikea Stream Bridge
Fed. Aid Proj. No. STP-011-2(25)
Scale: 1"=40' Date: Jan., 1994
SHEET No. T2 OF 2 SHEETS