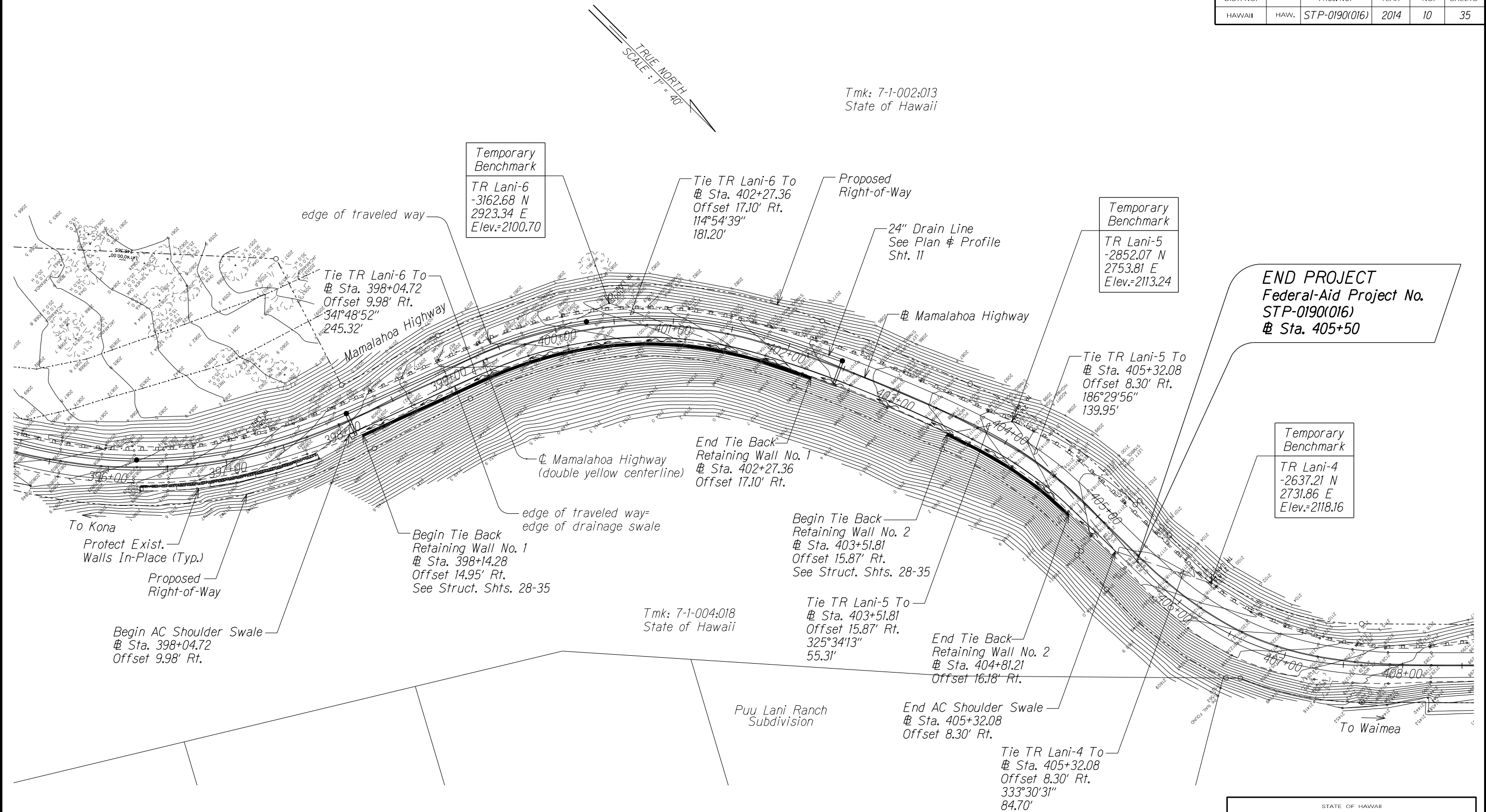


Attachment 5

Site Plans

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2014	10	35



SWALE PLAN
Scale: 1"=40'

- Notes:
1. The new swale will begin at the edge of the existing travel lane. Existing travel lane widths will remain the same.
 2. The Mamalahoa baseline is not equivalent to the double yellow centerline striping.

END PROJECT
Federal-Aid Project No.
STP-0190(016)
Sta. 405+50

Temporary
Benchmark
TR Lani-4
-2637.21 N
2731.86 E
Elev.=2118.16

Temporary
Benchmark
TR Lani-5
-2852.07 N
2753.81 E
Elev.=2113.24

Temporary
Benchmark
TR Lani-6
-3162.68 N
2923.34 E
Elev.=2100.70

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SWALE PLAN
MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
Vicinity of Puuwaawaa Ranch Road
Federal-Aid Project No. STP-0190(016)
Scale: 1"=40' Date: April 2014
SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2014	11	35

