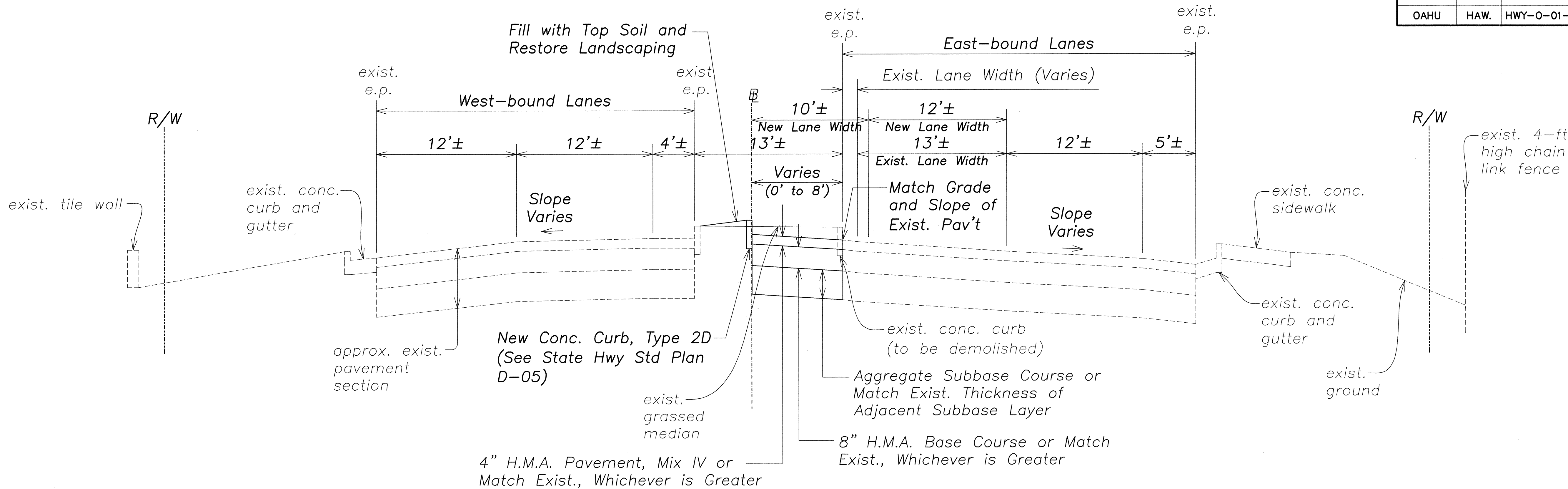


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	HWY-0-01-13	2016	13	47



TYPICAL SECTION – KANEOHE BAY DRIVE
 Sta. 19+88.4± to Sta. 22+10.4±
 Not to Scale

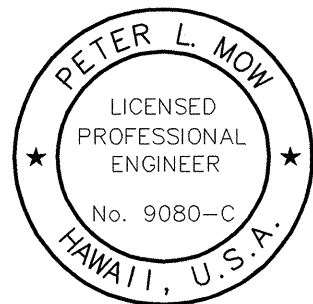
Notes for Typical Sections:

1. Compact Subgrade to 95%
Compaction Prior to Placing Fill
2. Clear natural ground of vegetative and unwanted material. Vegetative material shall include trees, logs, stumps, roots of downed trees, brush, residue of agricultural crops, grass and weeds, etc. Unwanted materials include lumber, trash piles and other loose debris. All removed materials shall be disposed of at an authorized land disposal site.

Grading of cleared area shall include shaping, grading and compacting the cleared area to the limits shown on the Contract documents. Grading of the cleared area shall be conducted in such manner as to present a reasonably smooth and uniform surface. Irregularities in the cleared surfaces shall be corrected by filling to prevent formation of depressions or water pockets. Grading of the cleared areas shall generally be shaped to conform to the existing ground slopes. Where possible, grade cleared surfaces to drain into existing ditches, channels and/or swales.
2. (Continued)
All cleared and graded areas shall be Hydro-mulched or grassed immediately after the clearing and grading work has been completed. The Contractor shall implement Best Management Practices (BMP) for silt and erosion control for the clearing and grading work.

Grading and disposal work shall not be paid separately, but shall be considered included in the Contract price of the various Contract items. Hydro-mulching or grassing shall be paid for at the Contract Lump Sum Price.
3. The cost for the Select Borrow Material under the Portland Cement Concrete Median shall be considered incidental to the cost of the Portland Cement Concrete Median.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. ("OBSERVATION OF CONSTRUCTION" SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-15-2, DEFINITIONS, EFFECTIVE 08/29/94).
 10-29-15
 ENGINEERS SURVEYORS HAWAII, INC.
 MY LICENSE EXPIRES: APRIL 30, 2016

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

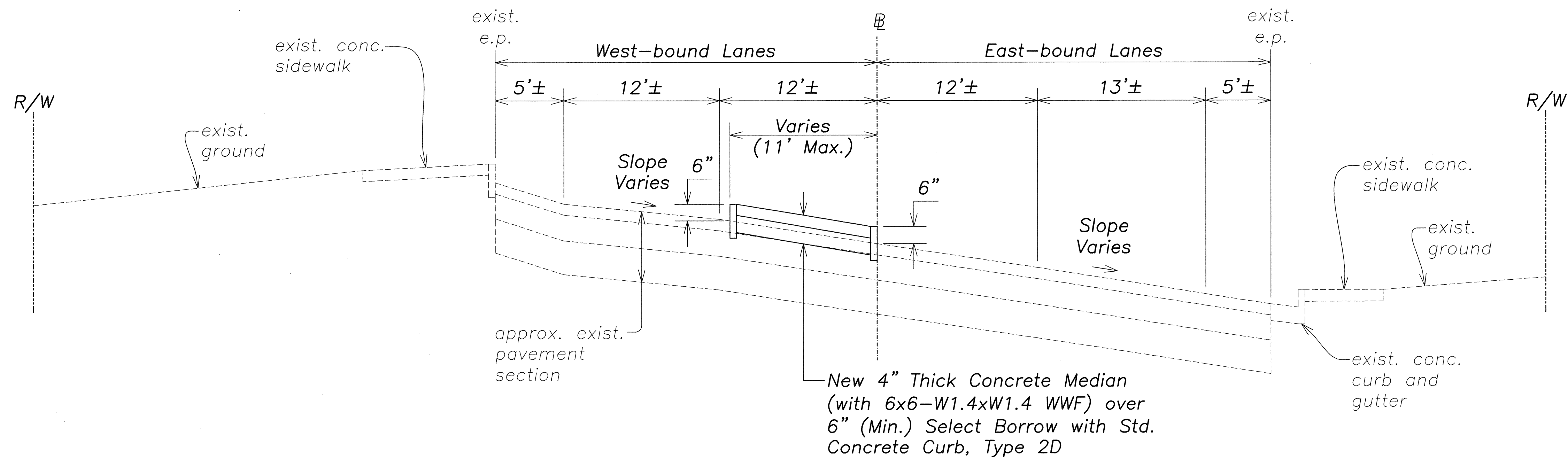
TYPICAL SECTIONS

*Traffic Operational Improvements
 at Various Locations
 Vicinity of Kaneohe Bay Drive
 and Puohala Street
 Project No. HWY-0-01-13*

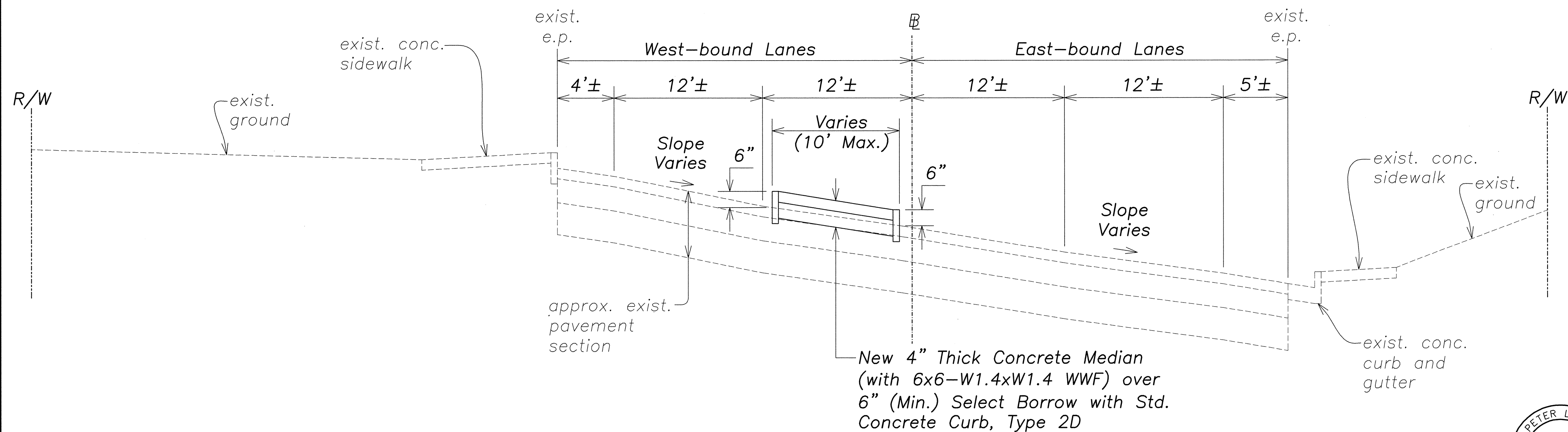
Scale: As Noted Date: Oct 2015

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	HWY-0-01-13	2016	14	47



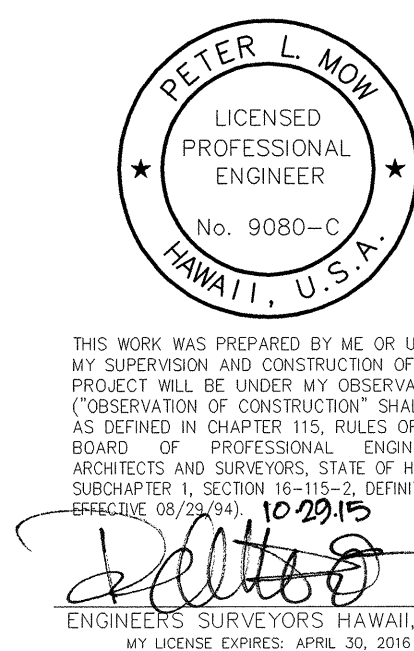
TYPICAL SECTION – KANEOHE BAY DRIVE
 @ Sta. 25+32.5± to @ Sta. 26+10.6±
 Not to Scale



TYPICAL SECTION – KANEOHE BAY DRIVE
 @ Sta. 26+69.4± to @ Sta. 27+54.4±
 Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	

C:\Users\PLM\Documents\Projects\2009-028 Traffic Operational Improvements\Plans\AutoCAD Files\Construction Plans\02a KBD-Puohala ST1.1_15.dwg Mon, Oct 26 2015 - 11:53am



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
Traffic Operational Improvements
at Various Locations
Vicinity of Kaneohe Bay Drive
and Puohala Street
Project No. HWY-0-01-13
Scale: As Noted Date: Oct 2015

SHEET No. 2 OF 2 SHEETS