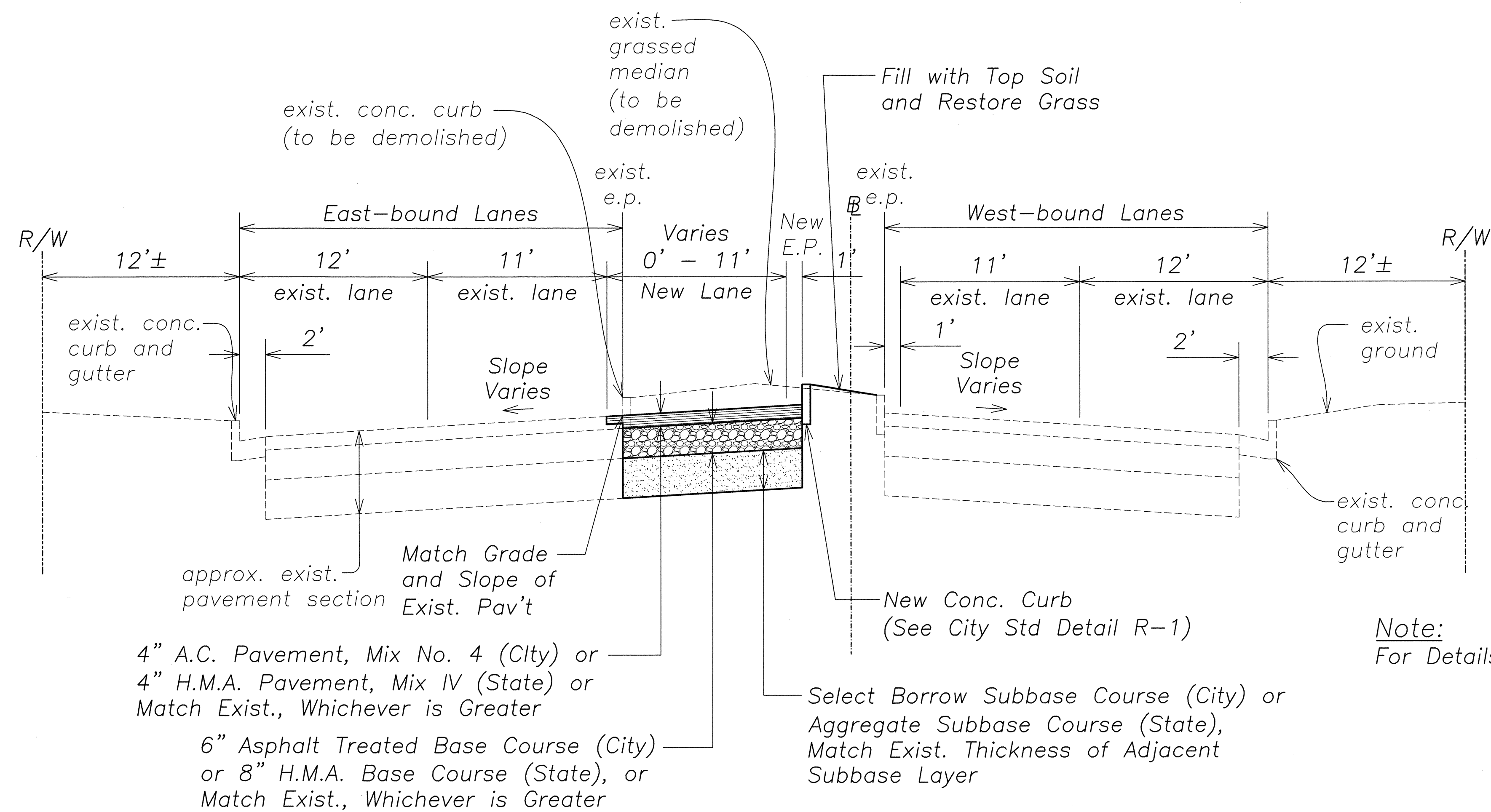


FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	99C-01-13	2014	14	41



TYPICAL SECTION – LUMIAINA STREET
B Sta. 0+82.3± to B Sta. 4+11.6±
Not to Scale

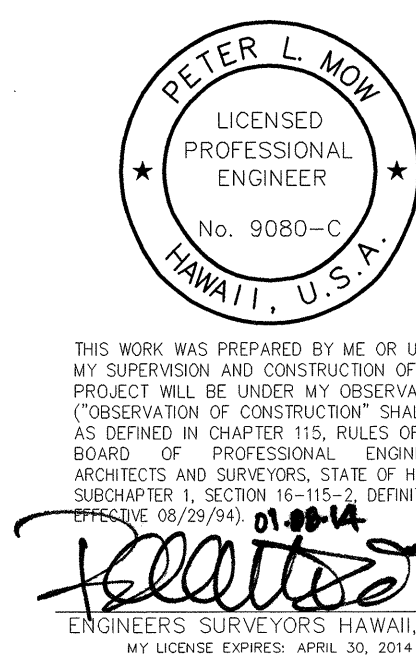
Notes for Typical Sections:

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 Bedcourse 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	
ORIGINAL PLAN	
NOTE BOOK	
No.	

C:\Documents and Settings\Peter\My Documents\Projects\2009-028 Traffic Operational Improvements\Plans\AutoCAD Files\Construction\Pl14.dwg Wed Jan 08 2014 - 11:53am

APPROVED:	
<i>Meloni J. J. J.</i> CHIEF, CIVIL ENGINEERING BRANCH, DPP	1/22/14 DATE
<i>R. Watanabe</i> CHIEF, TRAFFIC REVIEW BRANCH, DPP	1/29/14 DATE



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTIONS	
TRAFFIC OPERATIONAL IMPROVEMENTS AT VARIOUS LOCATIONS Vicinity of Kamehameha Highway and Lumiaina Street Project No. 99C-01-13	
Scale: As Noted	Date: Jan 2014
SHEET No. 1 OF 1 SHEETS	