

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	6	66

Notes for Typical Sections:

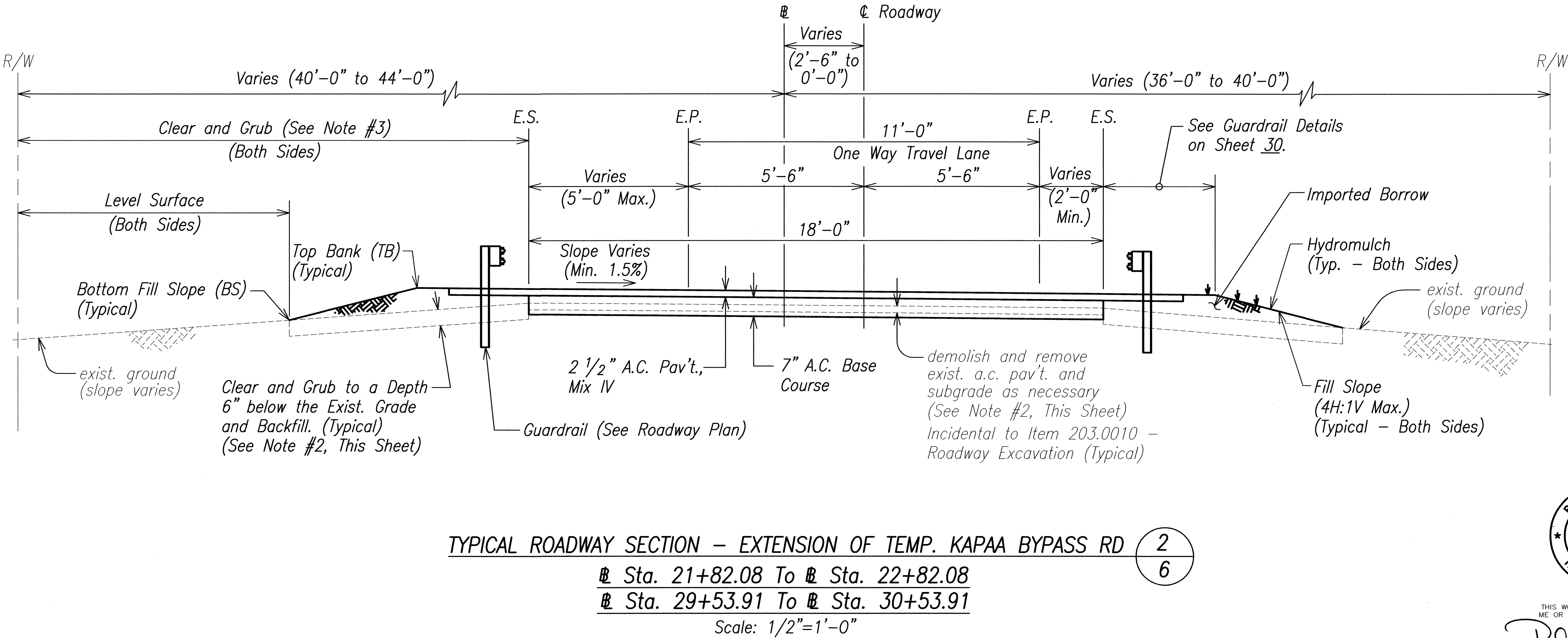
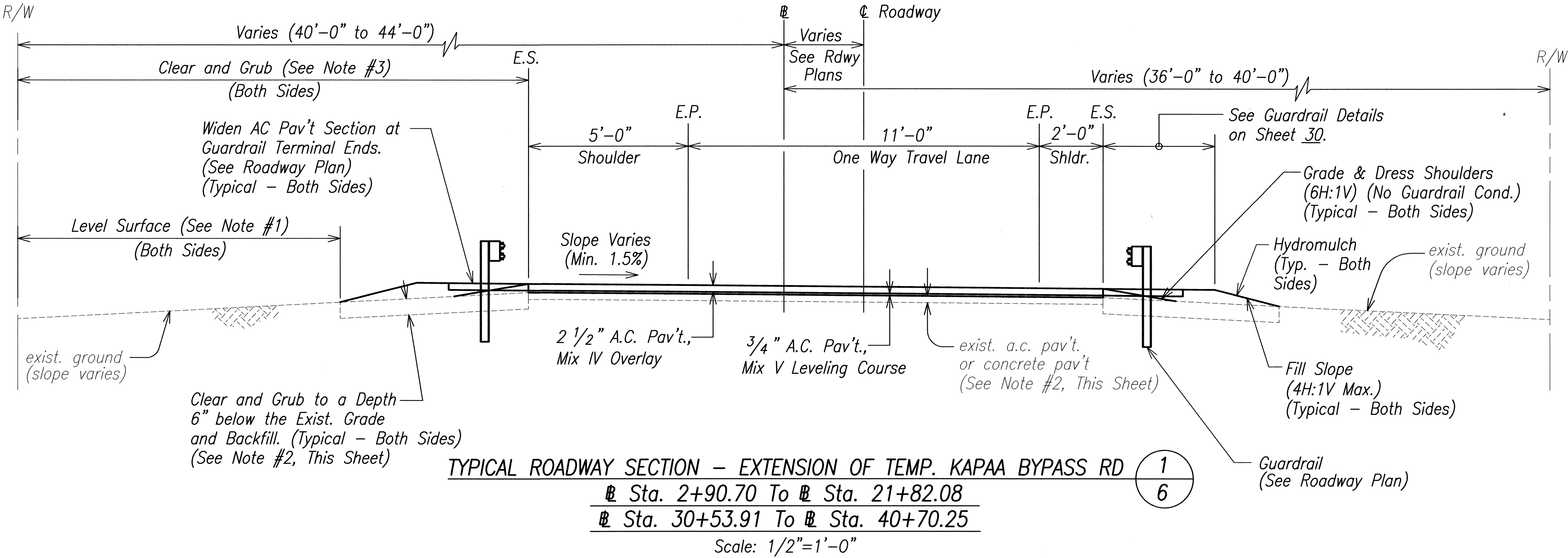
- Contractor shall Level the area between the Bottom of the Fill Slope and the State Right-of-Way (See Section 208 - Leveling Surfaces)
- Compact Subgrade to 95% Compaction Prior to Placing Fill
- Clear natural ground of vegetative and unwanted material. Vegetative material shall include trees, logs, 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.

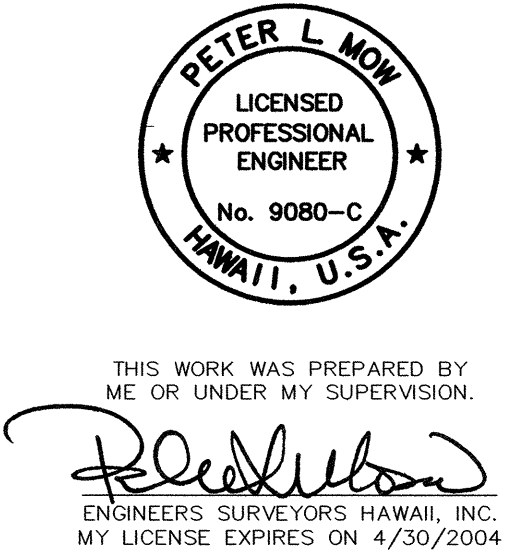
All cleared and graded areas shall be Hydro-mulched or grassed immediately after the clearing and grading work has been completed. The Contractor shall implement Best Management Practices for silt and erosion control for the clearing and grading work.

Clearing, grading and disposal work shall not be paid for 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 Unit Price.

- For Roadway Elevations, See Plan Sheets 10-14 and 19.



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
XXXXXXXX	
No.	



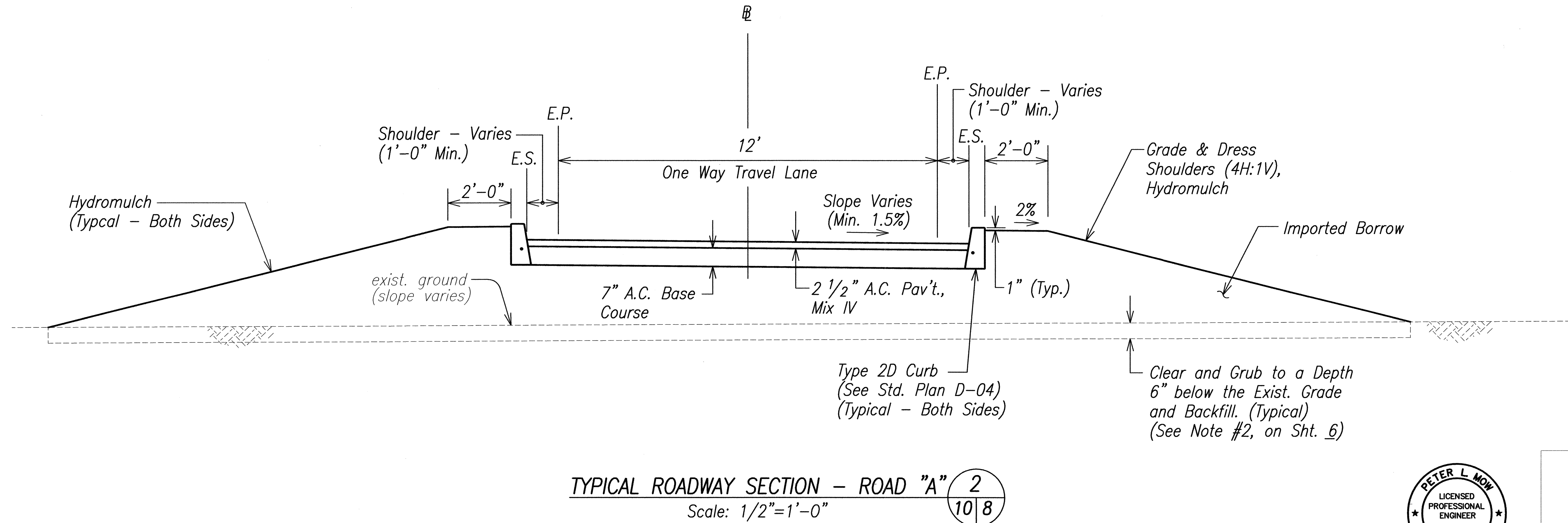
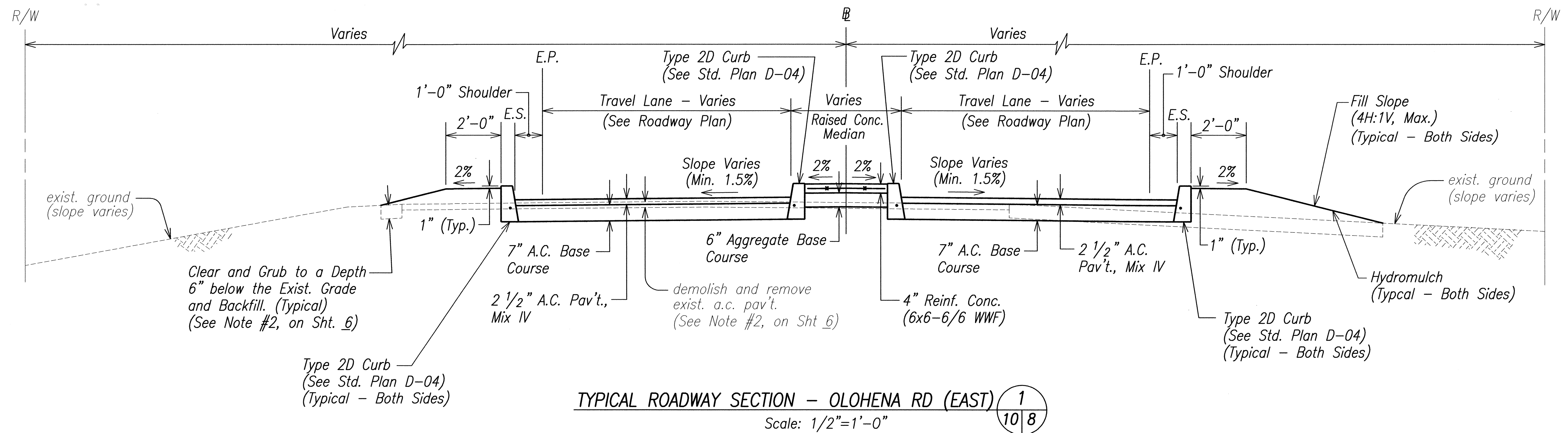
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**  
  
**KUHIO HIGHWAY IMPROVEMENTS**  
**Extension Of Temporary Kapaa Bypass Road**  
**Project No. 56A-03-00**  
Scale: As Noted      Date: Mar 2004  
SHEET No. 1 OF 4 SHEETS





FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	8	66



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

*Peter L. Mow*

ENGINEERS SURVEYORS HAWAII, INC.  
MY LICENSE EXPIRES ON 4/30/2004

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

**KUHIO HIGHWAY IMPROVEMENTS**  
**Extension Of Temporary Kapaa Bypass Road**  
**Project No. 56A-03-00**

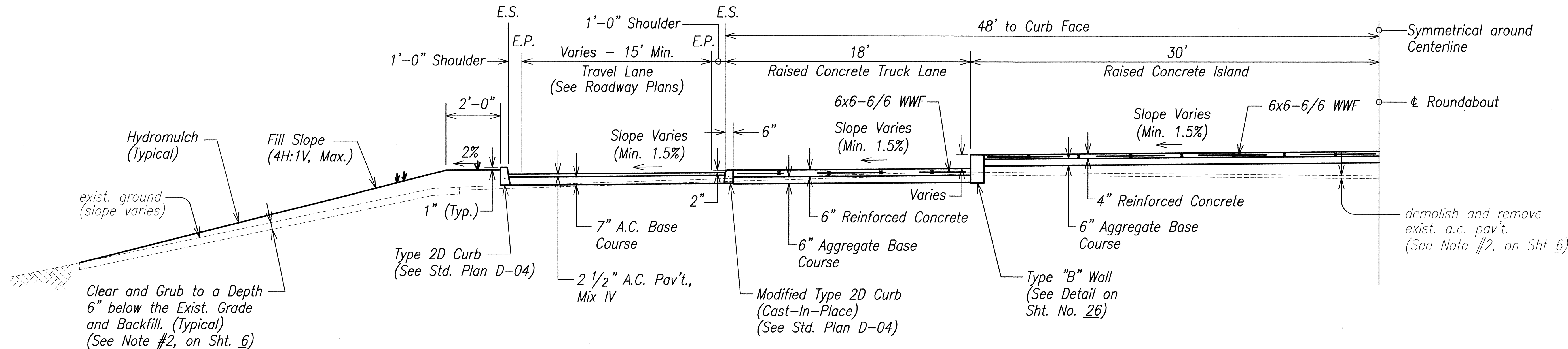
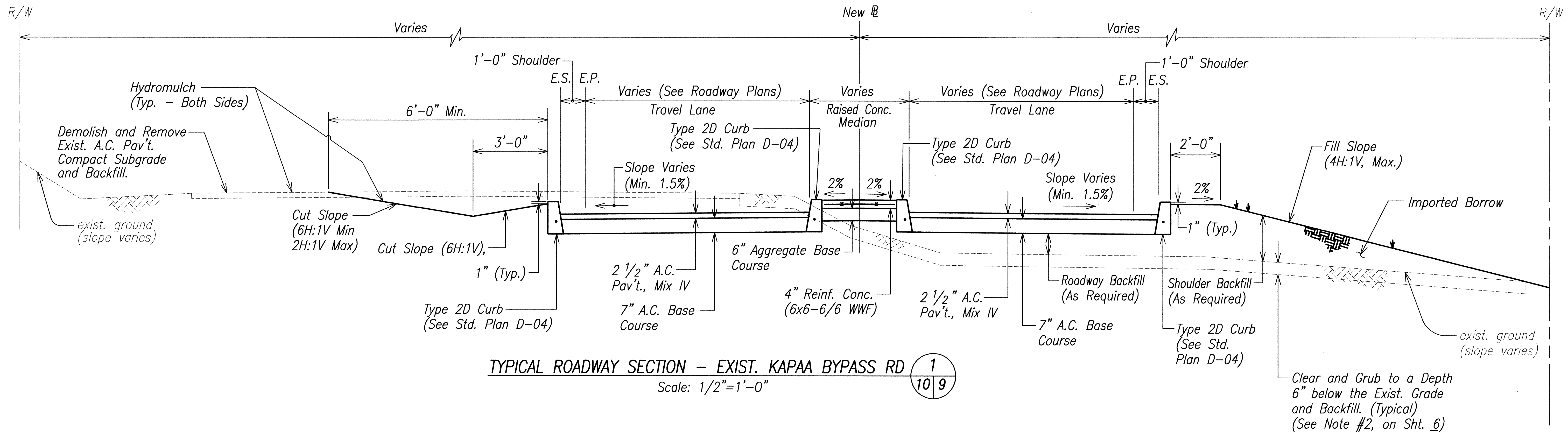
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SHEET No. 3 OF 4 SHEETS

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	9	66

Note:  
See Geometric Plan on Sheet 16  
for New Baseline Alignment



Note:  
See Geometric Plan on Sheet 16  
for Roundabout Geometrics



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.  
*Peter L. Mow*  
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MY LICENSE EXPIRES ON 4/30/2004

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

**KUHIO HIGHWAY IMPROVEMENTS**  
**Extension Of Temporary Kapaa Bypass Road**  
**Project No. 56A-03-00**

Scale: As Noted Date: Mar 2004  
SHEET No. 4 OF 4 SHEETS