

DEPARTMENT OF PLANNING AND PERMITTING  
**CITY AND COUNTY OF HONOLULU**

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PETER B. CARLISLE  
MAYOR



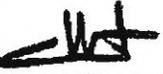
DAVID K. TANOUE  
DIRECTOR  
ROBERT M. SUMITOMO  
DEPUTY DIRECTOR

January 21, 2011

(ml)

**ENGINEERING AND POLICY MEMORANDUM NO. CEB-1-11**

TO: ENGINEERS, ARCHITECTS, UTILITY COMPANIES,  
GOVERNMENT AGENCIES, CONTRACTORS, AND  
OTHER INTERESTED PARTIES

FROM: DAVID K. TANOUE, DIRECTOR   
DEPARTMENT OF PLANNING AND PERMITTING

SUBJECT: DRIVEWAY APRON GUIDELINES FOR UNIMPROVED SIDEWALK AREAS

Effective immediately, the attached revised driveway apron guidelines shall replace the outdated suburban driveway apron detail ("Driveway Detail of Suburban Road", March 9, 1960, Department of Public Works). The purpose of the revision is to provide current guidelines for the design and construction of driveway aprons on unimproved sidewalk areas.

The revision includes the use of transverse and longitudinal contraction joints (Standard Details plate R-29A), compliance with the standard driveway layout (Standard Details plate R-30), and conformance with the Americans with Disabilities Act Accessibility Guidelines.

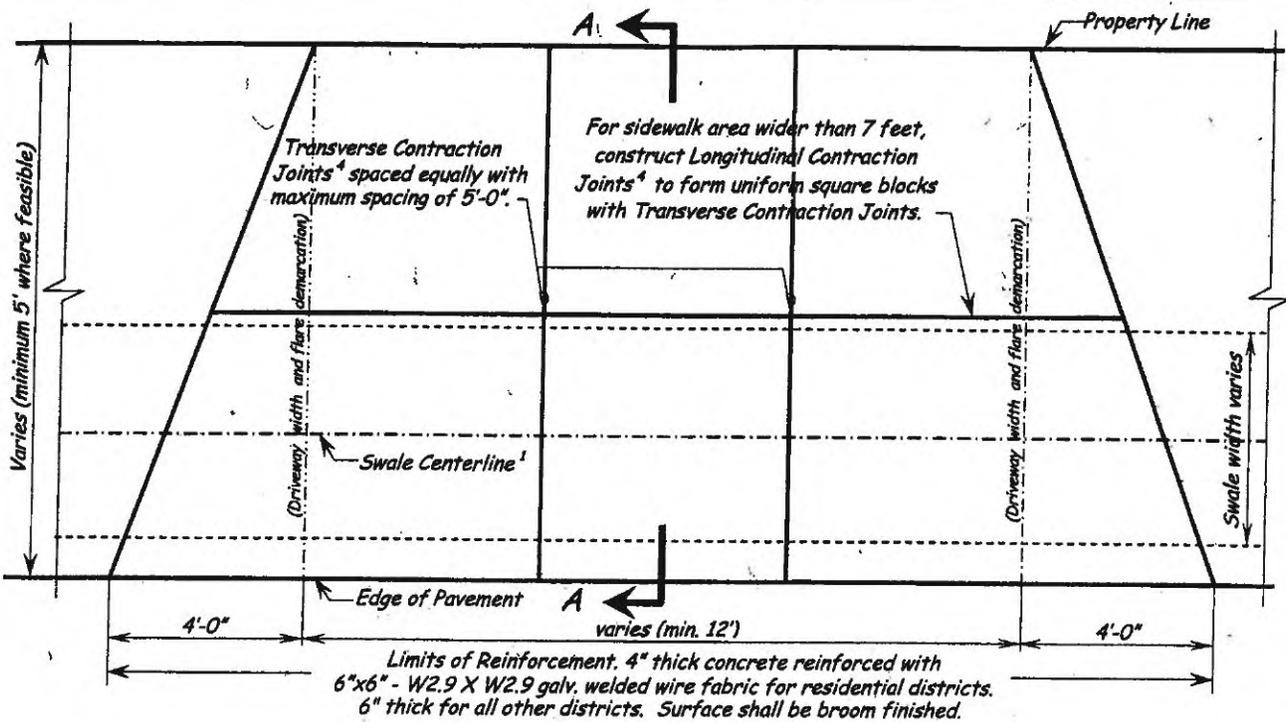
This policy memorandum shall apply to work within the City and County of Honolulu only.

If there are any questions, please contact Mr. Mark Leoncio of the Site Development Division at 768-8217.

DKT:dak

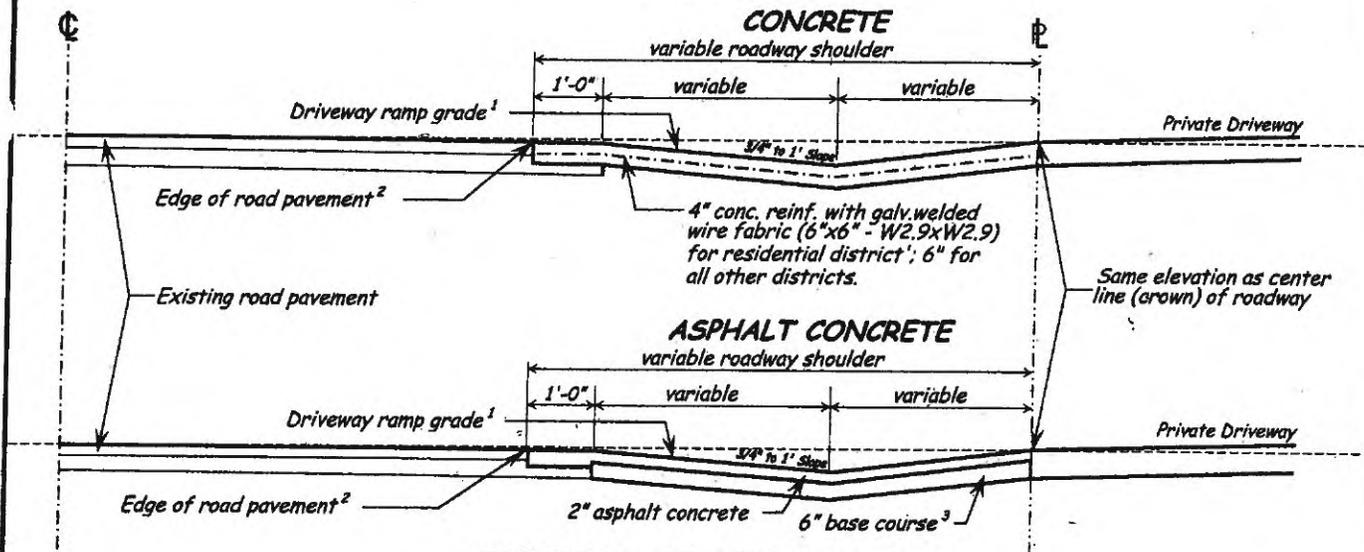
Attachment

cc: Civil Engineering Branch  
Subdivision Branch  
Traffic Review Branch  
Wastewater Branch  
Building Division  
Customer Service Office



**PLAN VIEW**

NO SCALE



**TYPICAL SECTION A-A**

NO SCALE

**NOTES:**

1. Driveway ramp grade to match existing shoulder grade and/or existing swale as originally designed for proper drainage. If swale has been previously altered, restore swale to original.
2. Provide a minimum of 1-foot wide asphalt roadway pavement restoration abutting the new driveway apron.
3. Where solid rock or coral is encountered, base course may be reduced to 4 inches for asphalt concrete driveways.
4. For details on Transverse and Longitudinal Contraction Joints, see current Driveway Apron Standard Details R-29A.
5. These design guidelines are for guidance only. A driveway apron designed by a licensed engineer may be required for each specific site.
6. For areas with existing accessible path, a minimum 3-foot wide path with a 2% maximum cross slope along the driveway apron must be provided per ADA.
7. Driveway apron shall be constructed a minimum of 2 feet away from drain inlets, manholes, or any other utility installations, and a minimum of 7 feet away from fire hydrants.
8. Driveway layout must comply with the R-30 Standard Detail. Deviation from this standard requires director's approval.
9. All applicable construction work shall be done in accordance with the Standard Specifications and Standard Details for Public Works Construction, dated September 1986 & September 1984, respectively, as amended.

CITY & COUNTY OF HONOLULU

**DRIVEWAY APRON GUIDELINES FOR UNIMPROVED SIDEWALK AREAS**

NOT TO SCALE

JANUARY 2011

DESIGN GUIDELINES

**DG-1**