NOTES:
1. Hot mix asphalt (HMA) overlay thickness shall be as specified by the Public Works Department.
2. Pavement reinforcing fabric shall be as required by the Public Works Department.
3. Paving at the gutter lip shall be placed per Standard Plan CA90 Detail A when conforming to S1-6, S1-8 curb, or PCC valley gutters.
4. When conforming to median curbs, extend overlay to face of median curb regardless of curb type. If minimum remaining height of curb is less than 4", "Modified M3-8 Curb" per County Standard Plan CA71 shall be constructed.
5. For design speeds of 45 mph or less, maximum grade break of taper shall not exceed 1%. For design speeds greater than 45 mph grade of taper shall not exceed 0.5%. Use "Length of Taper by Design Speed" table.
6. Paved width shall be such that the resultant slope of shoulder after overlay does not exceed 5%. The width of paving shall be approved by the Public Works Department.
7. HMA driveway conformals shall be tapered and no paving is required, unless otherwise specified by the Public Works Department.
8. Depth and dimensions of pavement failure repair shall be as specified by the Public Works Department.
9. Removal of failed pavement by cold planing the required depth and dimensions, or by sawcutting around failure to a neat line and removing failed pavement.
10. Conform thickness shall be 0.15" unless otherwise specified by the Public Works Department.
11. Place and compact native material per Public Works Department Standard Provisions or project special provisions to conform to new EP unless shown on project plans.
12. Limits of pavement failure repairs and base failure repairs shall be marked in the field by the Engineer/Inspector.
13. For pavement failure repairs and base failure repairs recompact the existing road base or subgrade to 95% relative density prior to placing HMA in accordance with Section 99 of California Department of Transportation's Standard Specifications.
14. Place point binder on all vertical cut faces prior to placing HMA.

COUNTY OF CONTRA COSTA
PUBLIC WORKS DEPARTMENT
MARTINEZ, CALIFORNIA

TYPICAL HMA CONFORM DETAILS for OVERLAYS

SCALE NO. SCALE DATE 3/14
DRAWN BY W. HARRIS, COSTA PLAN NO. CA51
CHECKED BY W. HOLLANDSWORTH

NO. DATE REVISION DESCRIPTION

LEGEND:
- Pavement Failure Repair
- Base Failure Repair
- Tapered Conform-Cold Planed
- Tapered HMA

NOTE:
1) Safety edges shall be used on all roads posted 35 mph or higher with paved shoulders 4' or less.
2) Construct safety edge in conformance with project special provisions or Public Works Department Standard Provisions for Public Works Construction.

SAFETY EDGE

PAVEMENT FAILURE REPAIR DETAIL

BASE FAILURE REPAIR DETAIL

EXISTING GRAVEL DRIVEWAY CONFORM DETAIL

MEDIAN CONFORM DETAIL

SECTION A-A TAPERED KEYCUT CONFORM DETAIL

SECTION B-B LENGTH OF TAPER DETAIL