



ALTERNATE Sidewalk  
City Engineer approval  
required.

## COLLECTOR STREET WITH TWO WAY LEFT TURN LANE

**NOTES:**

1. ASPHALTIC CONCRETE, AGGREGATE BASE, AND EARTH WORK SHALL CONFORM TO SECTIONS 39, 26, AND 19 OF THE STATE STANDARD SPECIFICATIONS LATEST EDITION.
2. THE STRUCTURAL SECTION AS SHOWN SHALL HAVE A MINIMUM SUBSOIL R-VALUE OF 50. FOR R-VALUES OF LESS THAN 50, THE STRUCTURAL SECTION FOR NON TRUCK ROUTES SHALL BE AS FOLLOWS:
 

R-VALUE	AC-THICKNESS	AB THICKNESS
45-49	3"	7"
40-44	3"	8"
35-39	3"	9"
30-34	3"	10"
25-29	3"	11"
20-24	3"	12"
3. TRAFFIC INDEX=7
  - a. T.I.=8 FOR TRUCK ROUTES
4. MIN. GRADE=.0015; MAX. GRADE=.05\*
5. MIN. CROSS SLOPE=2%
6. MAX. CROSS SLOPE=5%\*
7. MIN. CROSS ON WIDENING=1.5%
8. DESIGN SPEED=40 M.P.H.
9. MIN. RADIUS=550'
10. STOPPING SIGHT DISTANCE=300'

\* REQUIRES PRIOR APPROVAL OF CITY ENGINEER

\*\* RIGHT OF WAY SHALL BE 90' WHEN BICYCLE LANES ARE REQUIRED BY BICYCLE LANE MASTER PLAN.

REF. & REV.  
MARCH 2005  
AUG 2008

CITY OF MADERA

# ST-4