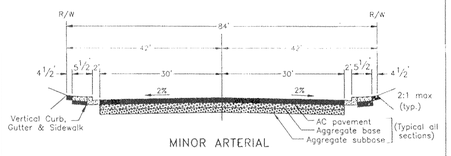
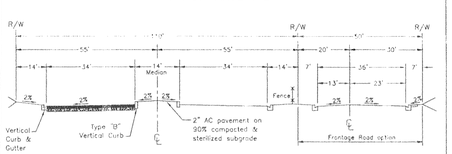
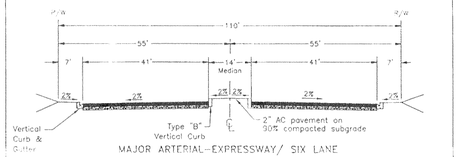
NOTES:
1. The structural section shall be determined by the roadway design standards and Standard Drawing No. R-27.
2. For curb, gutter and sidewalk details, refer to Standard Drawing No. CW-C6 and CW-C7.



MINOR ARTERIAL



MAJOR ARTERIAL/FOUR LANE



MAJOR ARTERIAL-EXPRESSWAY/ SIX LANE

No.	Revised	By
1	Feb. 1996	PD

Drawn by JLD
Checked by
Scale NONE

TYPICAL STREET

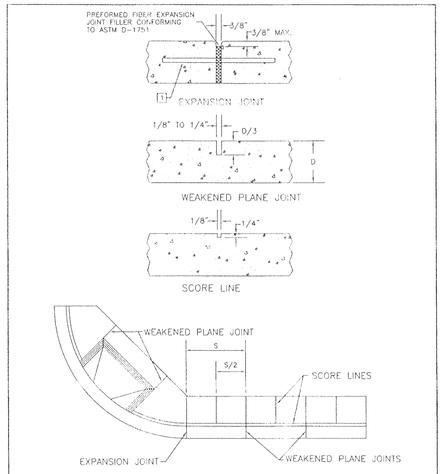
COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Approved by
Director of Public Works
Date JUNE 1997
Drawing No. R - 2

CONCRETE CURB, GUTTER AND SIDEWALK CONSTRUCTION NOTES

1. CURB, GUTTER AND SIDEWALK CONSTRUCTION SHALL CONFORM TO SECTION 73, STANDARD SPECIFICATIONS, CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS), EXCEPT AS MODIFIED HEREIN.
2. REFERENCE IS MADE TO THE LOCAL AGENCIES STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATING TO THE CONSTRUCTION OF CONCRETE CURB, GUTTER, & SIDEWALK.
3. SUBGRADE FOR CURB, GUTTER, SIDEWALK AND DRIVEWAYS SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% TO A DEPTH OF 6". WHERE THE SUBGRADE "R" VALUE IS LESS THAN 50, PLACE 4" MINIMUM OF AGGREGATE SUBBASE CLASS IV UNDER THE CONCRETE SECTIONS AND COMPACT TO A MINIMUM OF 90%.
4. ALL RADII FOR ROUNDING EDGES SHALL BE 3/4" UNLESS NOTED.
5. CONCRETE SHALL BE CLASS B, PER CALTRANS SECTION 90.
6. EXPANSION JOINTS AND WEAKENED PLANE JOINTS SHALL BE INSTALLED AS INDICATED ON THE PLANS OR STANDARD DETAILS.
7. CURB, GUTTER AND SIDEWALK SHALL HAVE A LIGHT BROOM FINISH; CURB AND GUTTER PARALLEL TO THE FLOW LINE, SIDEWALKS PERPENDICULAR THE FLOWLINE.
8. DEPRESS A 2" HIGH LETTER "W" OR "S" 1/4" DEEP INTO THE TOP OF THE CURB TO IDENTIFY SERVICE LOCATIONS.
9. DURING CONSTRUCTION OF GUTTERS, WATER SHALL BE USED TO INSURE PROPER DRAINAGE ALONG THE FLOWLINE.

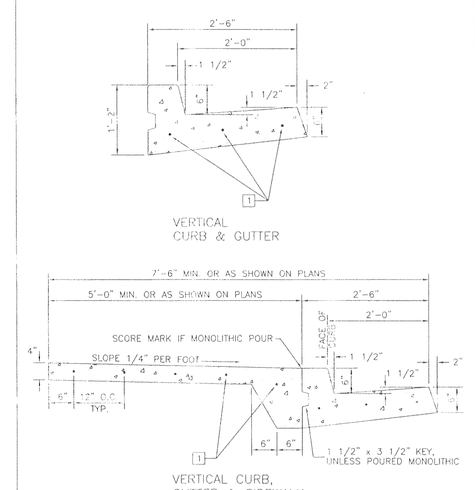
REVISION	DATE	COUNTY WIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
		CONCRETE CURB, GUTTER AND SIDEWALK CONSTRUCTION STANDARDS	SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS IMPROVEMENT STANDARD NO. CW-C1



1 5/8" x 24" LONG STEEL DOWELS, GREASED AND WRAPPED ONE SIDE THROUGH ALL EXPANSION JOINTS.

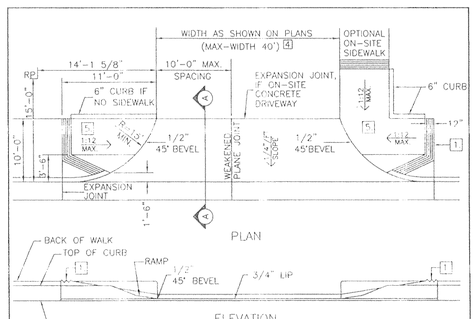
S = SPACING AS REQUIRED BY EACH GOVERNING AGENCY.

REVISION	DATE	COUNTYWIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
HCP, RMP	5/97	EXPANSION JOINTS WEAKENED PLANE JOINTS AND SCORE LINES	SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS JUNE 1997 IMPROVEMENT STANDARD NO. CW-C5



1 5/8" x 24" LONG STEEL DOWELS, GREASED AND WRAPPED ONE SIDE THROUGH ALL EXPANSION AND COLD JOINTS.

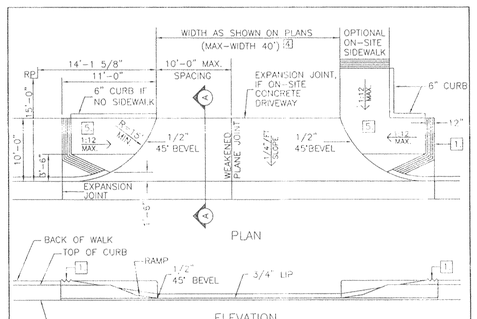
REVISION	DATE	COUNTY WIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
		VERTICAL CURB, GUTTER & SIDEWALK	SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS IMPROVEMENT STANDARD NO. CW-C7



NOTES:
1. 12" GROOVED BORDER.
2. #4 BARS 18" O.C. EACH WAY. THE ENTIRE WIDTH OF DRIVEWAY AND RAMP.
3. GUTTER PAN DIMENSIONS PER STANDARDS.
4. WIDTH GREATER THAN 40 FEET SUBJECT TO AGENCY APPROVAL.
5. S= 1:12 MAX, 1:15 MIN

REVISION	DATE	COUNTYWIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
		TYPE 1 COMMERCIAL DRIVEWAY	SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS JUNE 1997 IMPROVEMENT STANDARD NO. CW-C11

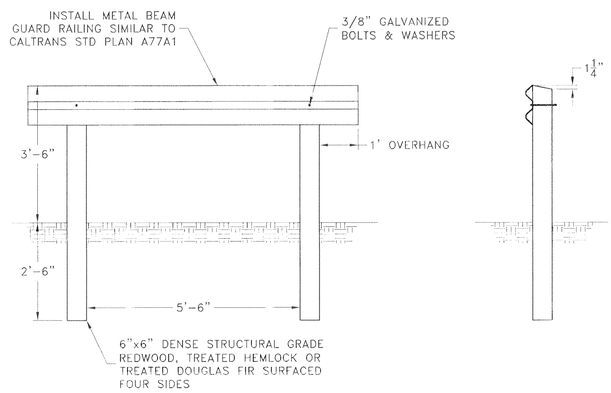
AUTOMOBILE DRIVEWAY



NOTES:
1. 12" GROOVED BORDER.
2. #4 BARS 18" O.C. EACH WAY. THE ENTIRE WIDTH OF DRIVEWAY AND RAMP. (TWO LAYERS)
3. GUTTER PAN DIMENSIONS PER STANDARDS.
4. WIDTH GREATER THAN 40 FEET SUBJECT TO AGENCY APPROVAL.
5. S= 1:12 MAX, 1:15 MIN

REVISION	DATE	COUNTYWIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
		TYPE 1 COMMERCIAL DRIVEWAY	SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS JUNE 1997 IMPROVEMENT STANDARD NO. CW-C11

TRUCK DRIVEWAY



NOTES:
1. PAINT METAL RAIL WHITE USING 2 COATS OF "EXTERIOR ALKYD RESIN HI-GLOSS ENAMEL" OVER A COMPATIBLE PRIMER.

1 METAL SHOULDER BARRIER
N.T.S.

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PROJECT ENGINEER REGISTERED PROFESSIONAL ENGINEER JEFFREY D. KJELDSEN NO. 61898 CIVIL STATE OF CALIFORNIA

KSN INC. KJELDSEN SINNOCK NEUDECK
Civil Engineers and Land Surveyors
Post Office Box 844
711 N. Pershing Avenue
Stockton, CA 95201-0844
Office: (209) 946-0268
Faxes: (209) 946-0296
E-mail: KSN@ksninc.com

SAN JOAQUIN COUNTY
THORNTON ROAD AT LOVE'S TRAVEL STOPS

FRONTAGE IMPROVEMENT PLANS
DETAILS

No.	Description	Date	By	Aprvd. By
Revisions				

Design JDK
Drawn JDK
Check CHN

Scale NO SCALE
Original Drawing Scale 0 ½" 1"

Date 5-2-14
Sheet Number 9 Of 10
Project File No. 2131-0010