



CLASS	RIGHT-OF-WAY MAX. / MIN.	WIDTH BETWEEN CURBS (FEET)	TRAFFIC INDEX *	MAXIMUM GRADE RATE	MIN. CENTERLINE RADIUS FOR HORIZONTAL CURVE (FEET)	MINIMUM Ac	MINIMUM BASE	DESIGN SPEED	MINIMUM DISTANCE BETWEEN INTERSECTION	MINIMUM RETURN @ CURB FACE RADIUS
HIGHWAYS	120	100	8.5 - 11	(7)	(7)	(7)	(7)	55	(7)	SEE NOTE 9
EXPRESSWAY	80	64 - 72	8.5 - 11	(7)	(7)	(7)	(7)	55	(7)	
MAJOR THOROUGHFARE / PRINCIPAL ARTERIAL	84	64 - 72	7.5 - 8.0	10	800	5"	12"	55	(1)	
MINOR ARTERIALS / MAJOR COLLECTORS	84	64	7.5	13	600	4"	12"	45	500	
INDUSTRIAL	60	52 - 49	6.5	12	250	4"	12"	35	(7)	
COLLECTORS	60	40	5.5	12	250	3.5"	8"	45	250'	R=25'
RESIDENTIAL	56	40	5.0	12	250	3"	8"	35	250'	
CUL-DE-SAC	50	40	5	12	250	3"	8"	35	250'	

NOTES:

- FOR PURPOSES OF GEOMETRIC AND STRUCTURAL DESIGN, STREETS SHALL BE CLASSIFIED ACCORDING TO THE LISTING SUPPLIED IN APPENDIX "A". ANY DEVIATION FROM THE FOLLOWING STANDARD SHALL REQUIRE THE APPROVAL OF THE AGENCY, THIS CLASSIFICATION.
- STREET RIGHT-OF-WAY WIDTHS AND SIDEWALK SECTIONS SHALL BE BASED UPON CURRENT AGENCY STANDARDS.
- PAVEMENT STRUCTURAL SECTIONS SHALL BE DETERMINED BY THE CAL TRANS FLEXIBLE PAVEMENT DESIGN METHODS AGGREGATE BASE UPON THE R-VALUES OF SUBGRADE MATERIALS AND THE TRAFFIC INDEX. IN NO CASE SHALL FLEXIBLE PAVEMENTS SECTIONS BE LESS THAN 3 INCHES OF ASPHALT CONCRETE OVER 8 INCHES OF AGGREGATE BASE.
- FLEXIBLE PAVEMENT DESIGNS WITH ALTERNATIVE THICKNESS PAVEMENT DESIGNS MAY BE SUBMITTED FOR CONSIDERATION AND POSSIBLE APPROVAL OF AGENCY ENGINEER.
- R-VALUE TEST ON SUBGRADE MATERIALS SHALL BE PERFORMED BY A REGISTERED ENGINEER. THE RESULTS AND STRUCTURAL SECTION SHALL BE APPROVED BY THE AGENCY ENGINEER.
- TRAFFIC INDEX (TI) VALUES FOR COLLECTORS, INDUSTRIAL AND ARTERIAL STREETS SHALL BE BASED UPON PROJECTED 20 YEAR VOLUMES AND SHALL BE APPROVED BY THE AGENCY ENGINEER.
 - * MAY BE CHANGED AT THE DISCRETION OF THE AGENCY ENGINEER IF TRAFFIC WARRANTS A DIFFERENT VALUE.
 - ** ACTUAL DESIGN OF HORIZONTAL CURVES SHALL BE BASED ON THE DESIGN SPEED OF THE STREET AND APPROVED BY THE AGENCY ENGINEER.
- DESIGN TO BE EVALUATED ON AN INDIVIDUAL BASIS. DESIGN PARAMETERS TO BE APPROVED IN WRITING BY AGENCY ENGINEER AND / OR OTHER AGENCIES HAVING MUTUAL OR EXCLUSIVE JURISDICTION, PRIOR TO SUBMITTAL FOR REVIEW.
- NO OPEN CUTS ALLOWED IN NEWLY PAVED AND RECONSTRUCTED STREETS WITHIN 5 YEARS OF CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE AGENCY ENGINEER.
- CURB RETURN RADIUS MUST BE ABLE TO ACCOMMODATE LARGE TRUCK TURNING MOVEMENTS.

TITLE: **MINIMUM STREET STRUCTURAL SECTION**

DRAWN BY: LOUIE C. GUEVARA
 SCALE: NONE
 REVIEWED BY: DAVID RUBCIC
 APRIL, 2013
 CITY OF HOLLISTER
 ENGINEERING DEPARTMENT

APPROVED: *Rudi Golnik*
 CITY ENGINEER: RUDI GOLNIK LIC. NO. 39570 EXP. DATE: 12-31-2013
 DATE: 2-16-13

STANDARD PLAN
 A-1
 SHEET 1 OF 1