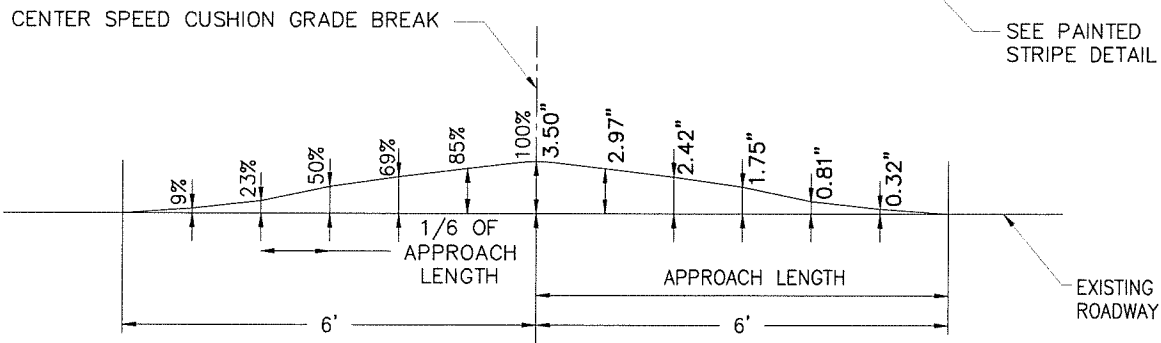
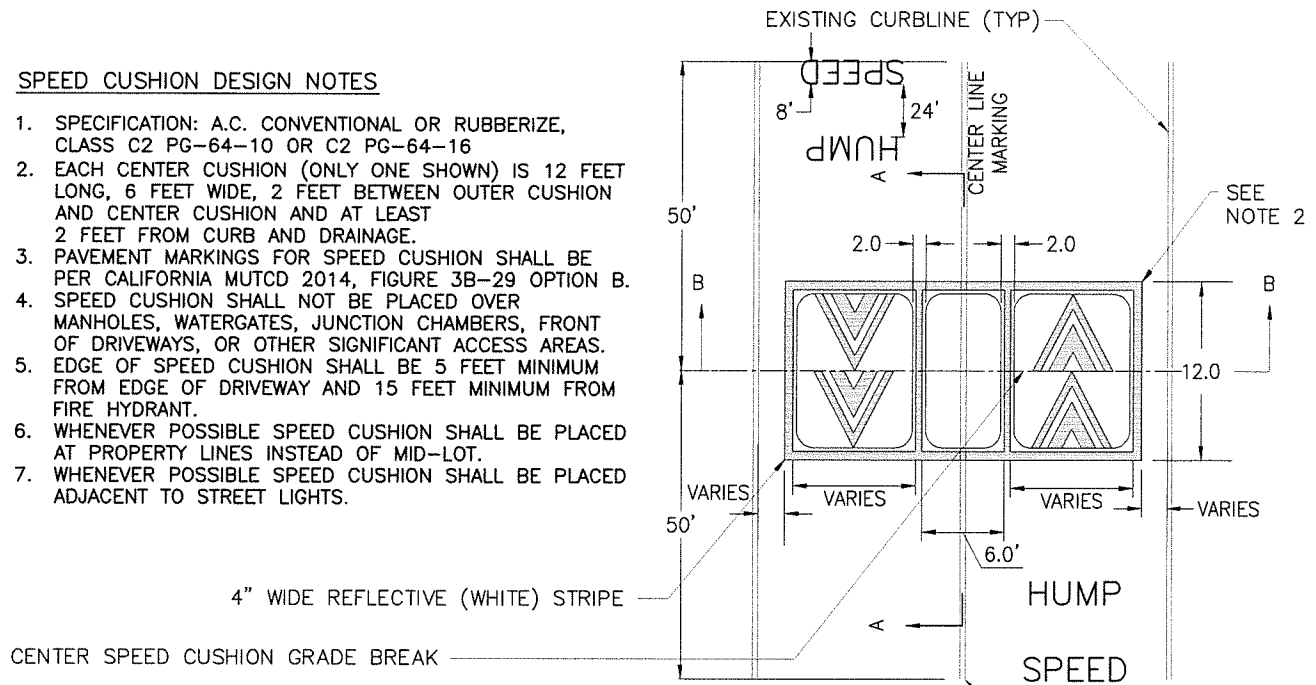


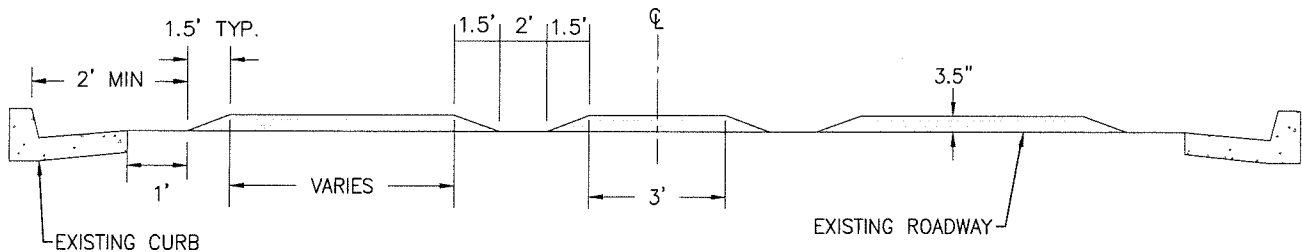
SINUSOIDAL PROFILE

SPEED CUSHION DESIGN NOTES

1. SPECIFICATION: A.C. CONVENTIONAL OR RUBBERIZE, CLASS C2 PG-64-10 OR C2 PG-64-16
2. EACH CENTER CUSHION (ONLY ONE SHOWN) IS 12 FEET LONG, 6 FEET WIDE, 2 FEET BETWEEN OUTER CUSHION AND CENTER CUSHION AND AT LEAST 2 FEET FROM CURB AND DRAINAGE.
3. PAVEMENT MARKINGS FOR SPEED CUSHION SHALL BE PER CALIFORNIA MUTCD 2014, FIGURE 3B-29 OPTION B.
4. SPEED CUSHION SHALL NOT BE PLACED OVER MANHOLES, WATERGATES, JUNCTION CHAMBERS, FRONT OF DRIVEWAYS, OR OTHER SIGNIFICANT ACCESS AREAS.
5. EDGE OF SPEED CUSHION SHALL BE 5 FEET MINIMUM FROM EDGE OF DRIVEWAY AND 15 FEET MINIMUM FROM FIRE HYDRANT.
6. WHENEVER POSSIBLE SPEED CUSHION SHALL BE PLACED AT PROPERTY LINES INSTEAD OF MID-LOT.
7. WHENEVER POSSIBLE SPEED CUSHION SHALL BE PLACED ADJACENT TO STREET LIGHTS.



SECTION A-A



SECTION B-B

DRAWING NOT TO SCALE

CITY OF CARSON

REVISIONS		DATE		SPEED CUSHION DETAIL		DRAWN BY:	
				RECOMMENDED:		BENE GENIS	
				APPROVED:			
DATE APPROVED:							
SHEET 1 OF 2				CITY ENGINEER		DIRECTOR OF PUBLIC WORKS	

NO. 138

PAINTED STRIPE DETAIL

INSTALLATION OF SIGN AND POST

SIGN AND POST INSTALLATION NOTES

1. ALL SIGNS SHALL BE NEW SINGLE SHEET ALUMINUM, REFLECTORIZE WITH HIGH INTENSITY REFLECTIVE SHEETING. MINIMUM SIZE AND THICKNESS SHALL BE 0.125".
2. ALL SIGNS SHALL CONFORM TO THE LATEST EDITION OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. SIGN LOCATIONS TO BE DIRECTED BY ENGINEER.
4. SIGN ASSEMBLY HEIGHT SHALL BE 6', AND 7' MINIMUM IF INSTALLED ON SIDEWALK. SIGN ASSEMBLY HEIGHT MAY BE REDUCED TO 5'-6", IF AT LEAST 3'-8" HORIZONTAL CLEARANCE IS PROVIDED BETWEEN SPEED ADVISORY PLAQUE AND BACK OF SIDEWALK.

6" DOUBLE YELLOW LINE
PER CALTRANS STD
PLAN A20A DETAIL 22

CENTER SPEED CUSHION
GRADE BREAK

W17-1
30" X 30"

W13-1P(15)
18" X 18"

14 GA.
2"X2" SQUARE STEEL TUBE
(PERFORATED) DESIGN
RUST RESISTANT,
GALVANIZE STEEL
WITH BREAKAWAY FEATURE

42" STANDARD
24" MINIMUM
12" BY APPROVAL OF THE CITY
ENGINEER WHERE LATERAL
CLEARANCE IS LIMITED

SLIP-ON SIGN POST BASE
4" OVERLAP
DEPTH PER MANUFACTURERS
RECOMMENDATION

SPEED
HUMP

15
MPH

BACK OF THE SIDEWALK

SEE NOTE 4 THIS SHEET

SEE NOTE 4
THIS SHEET

TRAFFIC STRIPING, PAVEMENT MARKINGS AND
MARKERS SHALL BE IN ACCORDANCE WITH SECTION
214 OF "GREEN BOOK" LATEST EDITION AND LATEST
CALTRANS STANDARD PLANS.

DRAWING NOT TO SCALE

CITY OF CARSON

REVISIONS	DATE	SPEED CUSHION SIGN & STRIPING DETAIL		DRAWN BY:
		RECOMMENDED:	APPROVED:	BENE GENIS
DATE APPROVED:				NO. 138
SHEET 2 OF 2		CITY ENGINEER	DIRECTOR OF PUBLIC WORKS	