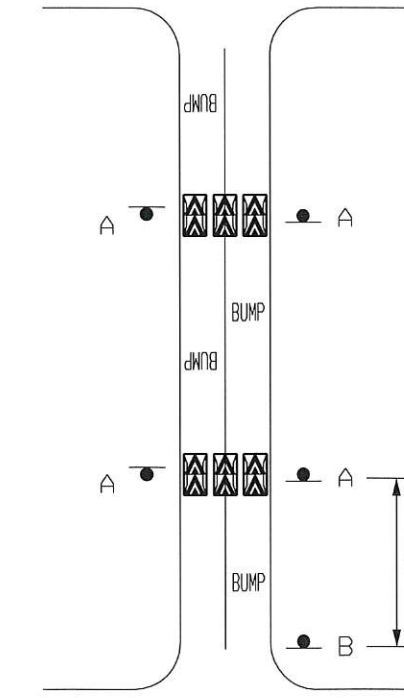


SPEED HUMP CUSHION DETAIL

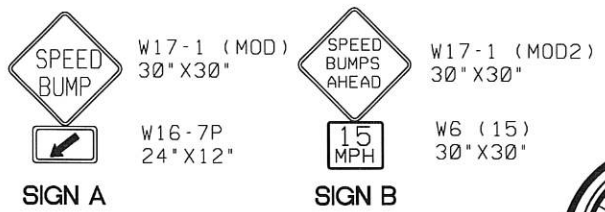
NOT TO SCALE

NOTES:

- SIDE GRADIENTS SHALL BE 1:3 (35%), LIP: .25".



SIGNING AND MARKINGS



APPROVED: *[Signature]*
 CITY ENGINEER

DATE: 2/1/2023

CITY OF SANTA ANA
 PUBLIC WORKS AGENCY

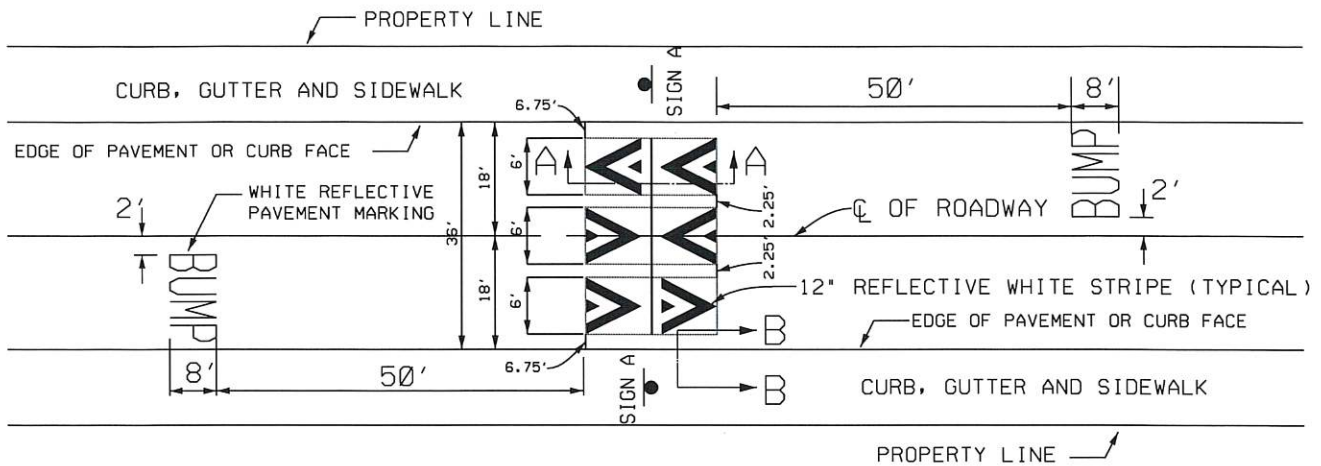


DATE	REVISION

SPEED HUMP CUSHION

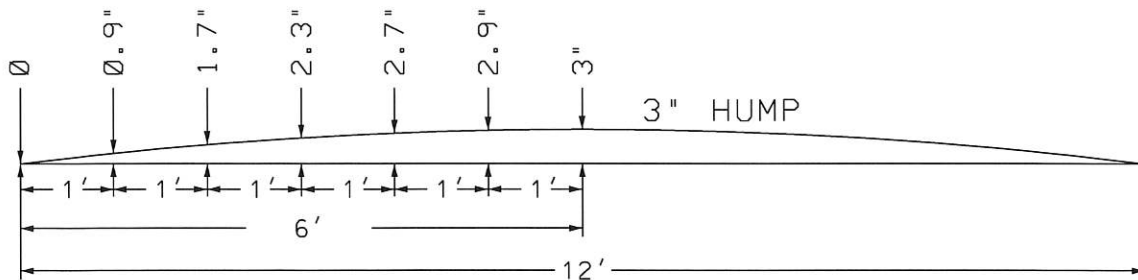
STD. PLAN NUMBER
1131B
 SHT. 1 OF 3

LOCAL RESIDENTIAL STREET



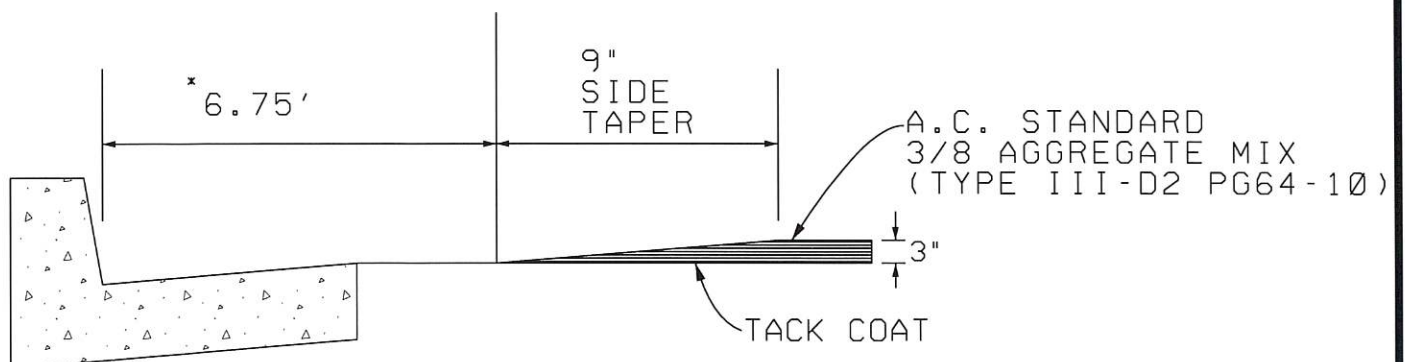
SPEED HUMP DETAIL

NOT TO SCALE



SECTION A-A

NOT TO SCALE



* IF THERE IS NO ACTUAL CURB & GUTTER USE 6.75 FEET FROM EDGE OF PAVEMENT

SECTION B-B

NOT TO SCALE

APPROVED: DATE: 2/11/2023

CITY ENGINEER

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE REVISION

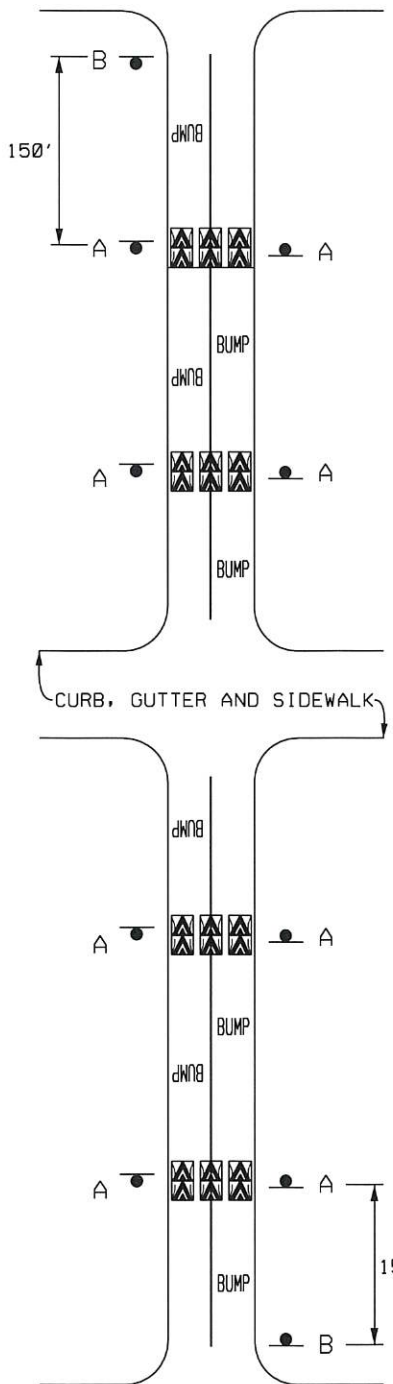
SPEED HUMP CUSHION

STD. PLAN
NUMBER
1131B

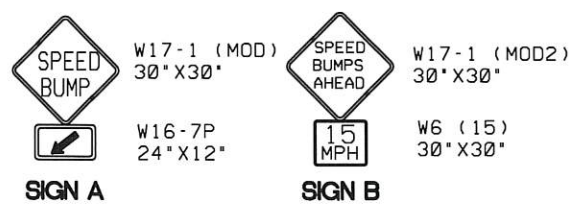
SHT. 2 OF 3

NOTES:

1. SPEED HUMP CUSHIONS SHALL NOT BE PLACED OVER MANHOLES, WATERVALVES, JUNCTION CHAMBERS, ETC.
2. WHERE POSSIBLE EDGE OF SPEED HUMP CUSHIONS SHOULD BE 10 FEET MINIMUM FROM THE EDGE OF DRIVEWAYS.
3. WHERE POSSIBLE SPEED HUMP CUSHIONS SHOULD BE PLACED AT PROPERTY LINES INSTEAD OF MID-BLOCK.
4. WHERE POSSIBLE SPEED HUMP CUSHIONS SHOULD BE PLACED ADJACENT TO STREET LIGHTS.
5. EXACT LOCATIONS OF SPEED HUMP CUSHIONS, SIGNS AND MARKINGS, SHALL BE DETERMINED BY THE CITY ENGINEER.
6. WHERE POSSIBLE SPEED HUMP CUSHIONS SHOULD BE 150 FEET CLEAR OF INTERSECTIONS OR TIGHT TURNS.
7. WHERE POSSIBLE SPEED HUMP CUSHIONS SHOULD BE 150 FEET CLEAR OF STOP SIGNS.
8. WHERE POSSIBLE SPEED HUMP CUSHIONS SHOULD BE DOWN STREAM OF STORM DRAIN INLETS.
9. SPEED HUMP CUSHIONS SHALL NOT BE PLACED ON SHARP HORIZONTAL OR VERTICAL CURVES.
10. SPEED HUMP CUSHIONS SHALL BE 25 FEET FROM FIRE HYDRANTS AND MANHOLES.
11. SPEED HUMP CUSHIONS SHALL NORMALLY BE SPACED 400 TO 600 FEET APART. SPEED HUMP CUSHIONS MAY BE SPACED CLOSER ONLY WITH APPROVAL OF THE CITY ENGINEER.



SIGNING AND MARKINGS



APPROVED:  DATE: 2/1/2023
CITY ENGINEER

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE	REVISION

SPEED HUMP CUSHION

STD. PLAN NUMBER
1131B
SHT. 3 OF 3