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PUBLIC WORKS
8401 Laguna Palms Way
Elk Grove, California 95758



Standards Update Transmittal

Reference Number: 2024-05
Standards: Standard Drawing, AR-4.1

Update:

1. Modification to Standard Drawing:
 - a. AR-4.1 DUAL PARALLEL CURB RAMPS, adding notes 6 and 7 to clarify installation of curb ramps next to drainage inlets.
 - b. Adding an "As needed" note regarding sidewalk transition areas.

Effect of Update:

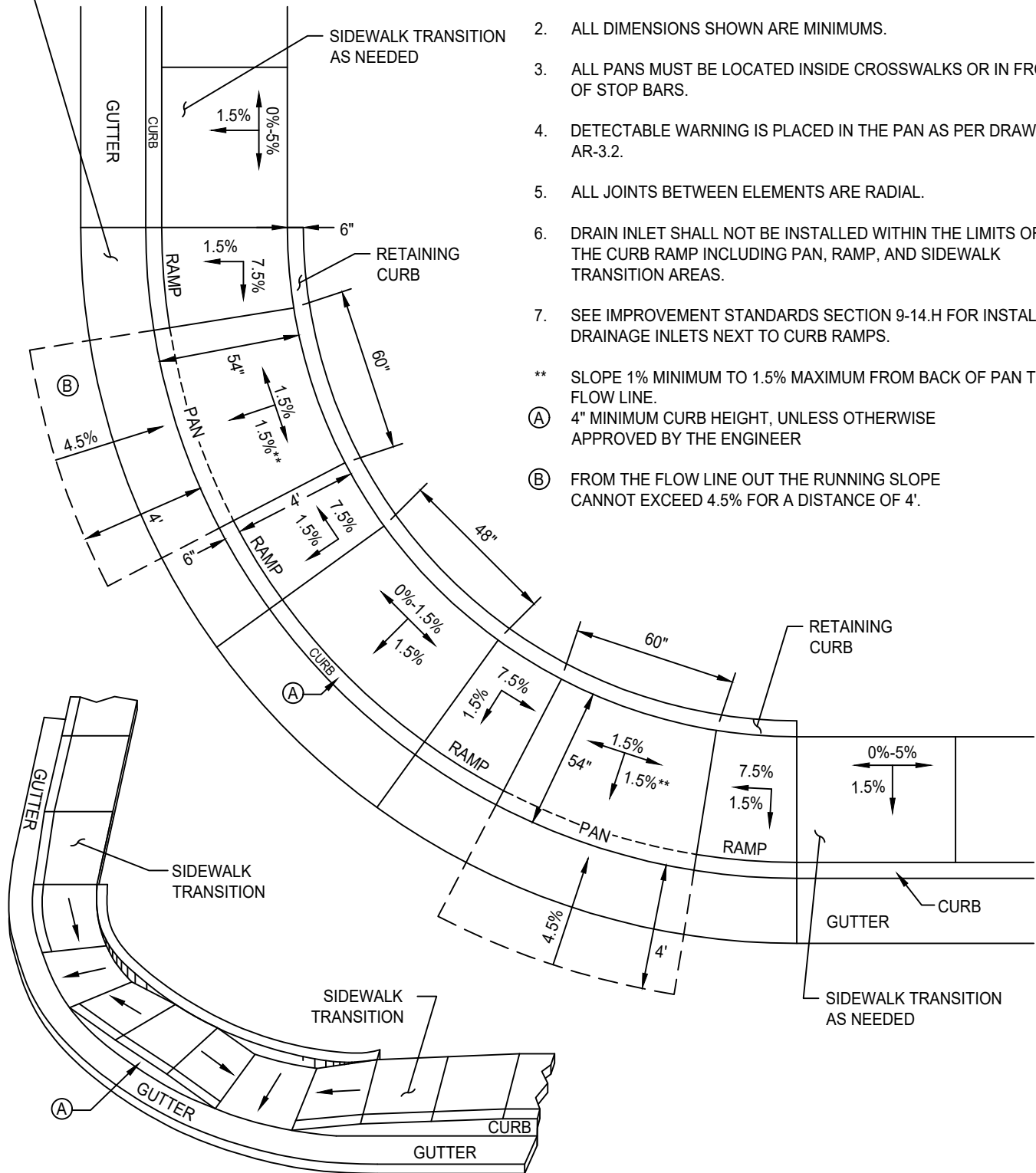
1. These modifications will clarify installation of dual parallel curb ramps in residential streets with smaller radii for new development projects.
2. The modifications will also refer to the requirement to coordinate the locations of drainage inlets next to curb returns.

Request for Update Initiated By: IWG Subtask Group 10/3/2023
Date

Update Reviewed for Conformity and Consistency to Standards: Shoaib Ahrary 3/11/2024 | 10:21 AM PDT
Shoaib Ahrary, PE, ESD Manager Date

Update to Standards Approved: Jeffrey R. Werner 3/12/2024 | 6:35 AM PDT
Jeffrey R. Werner, PE, City Engineer Date

TRANSITION GUTTER CROSS SLOPE TO 4.5% ALONG TOTAL LENGTH OF AREA OF RAMPED PORTION (TYP.)



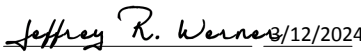
NOTES:

1. ALL SLOPES SHOWN ARE MAXIMUMS.
 2. ALL DIMENSIONS SHOWN ARE MINIMUMS.
 3. ALL PANS MUST BE LOCATED INSIDE CROSSWALKS OR IN FRONT OF STOP BARS.
 4. DETECTABLE WARNING IS PLACED IN THE PAN AS PER DRAWING AR-3.2.
 5. ALL JOINTS BETWEEN ELEMENTS ARE RADIAL.
 6. DRAIN INLET SHALL NOT BE INSTALLED WITHIN THE LIMITS OF THE CURB RAMP INCLUDING PAN, RAMP, AND SIDEWALK TRANSITION AREAS.
 7. SEE IMPROVEMENT STANDARDS SECTION 9-14.H FOR INSTALLING DRAIN INLETS NEXT TO CURB RAMPS.
- ** SLOPE 1% MINIMUM TO 1.5% MAXIMUM FROM BACK OF PAN TO FLOW LINE.
- (A) 4" MINIMUM CURB HEIGHT, UNLESS OTHERWISE APPROVED BY THE ENGINEER
- (B) FROM THE FLOW LINE OUT THE RUNNING SLOPE CANNOT EXCEED 4.5% FOR A DISTANCE OF 4'.

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	LM	TW	07-18-2019
2	SJB	SMA	02-23-2024

CITY OF ELK GROVE - PUBLIC WORKS

DUAL PARALLEL CURB RAMPS

APPROVED BY:

 CITY ENGINEER DATE



DRAWING NUMBER
AR - 4.1