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PUBLIC WORKS  
8401 Laguna Palms Way  
Elk Grove, California 95758



## Standards Update Transmittal

Reference Number: 2024-08  
Standards: Standard Drawing, ST-23

### Update:

1. Modification to Standard Drawing:
  - a. ST-23, Cul-de-Sac, added 1.5% MIN to 3% MAX cross slope to drawing.
  - b. Removed 50' street R/W Width from table.

### Effect of Update:

1. This modification adds a percentage for cross slopes for new construction of cul-de-sacs, as defined in section 4.6, D of the City Improvement Standards. The 50' street R/W width was removed from the table as a cul-de-sac would never be classified as a collector street.

Request for Update Initiated By: John Pumphrey, Sr. Const. Obs. 04/18/23

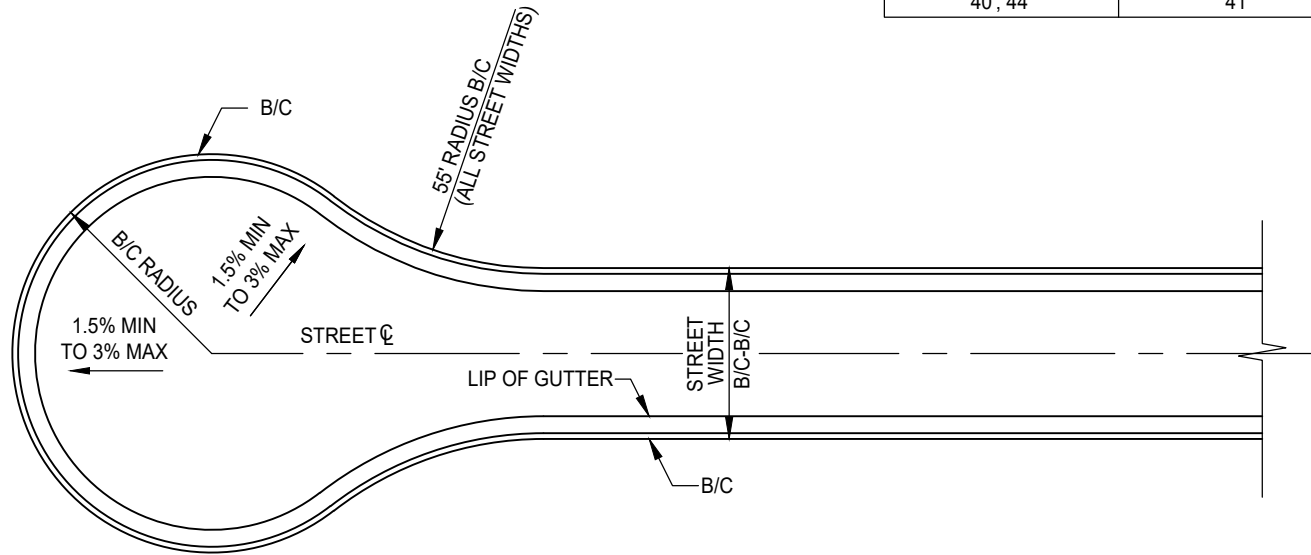
Update Reviewed for Conformity and Consistency to Standards:

Shoaib Ahrary 4/2/2024 | 3:55 PM PDT  
Shoaib Ahrary, PE, ESD Manager Date

Update to Standards Approved:

Jeffrey R. Werner 4/19/2024 | 11:45 AM PDT  
Jeffrey R. Werner, PE, City Engineer Date

BULB RADIUS REQUIREMENTS	
STREET R/W WIDTH	B/C RADIUS @ BULB
40', 44'	41'



**NOTES:**

1. A STANDARD W14-1 ("DEAD END") SIGN MAY BE REQUIRED AT THE ENTRANCE TO THE CUL-DE-SAC (SEE SECTION 4-27).
2. NO CUL-DE-SAC SHALL EXCEED 600 FEET IN LENGTH, MEASURED AS THE DISTANCE FROM THE CENTERLINE OF THE INTERSECTING STREET TO THE CENTER OF THE CUL-DE-SAC BULB.

DATE: 03-02-2022		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	STN	SA	03-02-2022
2	SJB	SMA	02-23-2024

CITY OF ELK GROVE - PUBLIC WORKS

**CUL-DE-SAC**

APPROVED BY:

*Jeffrey R. Werner* 1/19/24

CITY ENGINEER

DATE



DRAWING NUMBER

**ST - 23**