



THE CITY OF SAN DIEGO

MEMORANDUM

DATE: February 7, 2019

TO: Honorable Council President Georgette Gómez and Members of the City Council

FROM: James Nagelvoort, City Engineer

SUBJECT: Pilot Program for Creative Crosswalks in Public Right-of-Way (ROW)

A. BACKGROUND:

Due to public desire to install creative crosswalks with multi-colored bars between existing white continental crosswalk markings at some locations, standards and guidelines need to be implemented to ensure public safety and to avoid impacts to any mode of transportation while improving the visual quality, design, and experience of public spaces. Permitting and implementation processes will need to be developed, reviewed, and approved through this pilot program prior to its standardization.

This pilot program would propose to allow applicants to install creative crosswalks with multi-colored bars over the unpainted, paved surface between white continental crosswalk bars at intersections.

For your reference, various States have implemented creative crosswalks as depicted in Attachment A-1.

B. PILOT PROGRAM:

This pilot program would be created to periodically study and update the overall design and approval process in order to assist the City with preparing and implementing final standards, guidelines, and permit review and approval processes for the installation of creative crosswalks with multi-colored bars between crosswalk markings.

I. Application Process:

- a. Allow the Council Offices to sponsor up to 2 applicants to apply to Development Services Department (DSD) for permits for approval to install multi-colored bars between crosswalk markings. Each applicant would be allowed to install at only 1 intersection and up to 4 crossings per intersection.
- b. The application process would be similar to the murals for placemaking. The applicant will be responsible for the installation and maintenance, and the City

reserves the right, when necessary, to remove the multi-colored bars. The applicant shall also maintain the multi-colored bars and as directed by the City.

II. Location, Design, and Paint Guidelines:

- a. Location Requirements: Multi-colored bars between crosswalk markings would be allowed at intersections controlled by all-way stop signs on unclassified streets and two-lane collector streets (one travel lane in each direction) with a posted speed limit of 35 miles per hour or less, to the satisfaction of the City Engineer or his designee. They shall not be allowed at locations that have new or modified traffic control devices installed within the last two years.
- b. Design Standards: Multi-colored bars shall consist of uniform painted bars installed with a minimum 2 inch gap from the existing white continental crosswalk markings. Colored bars may vary in color and each individual colored bar shall be a solid block color.

Multi-colored bars shall not:

- i. Resemble any traffic control devices as identified in the California Manual on Uniform Traffic Control Devices (MUTCD).
 - ii. Conflict with other traffic standards, markings, and symbols.
 - iii. Contain imagery, symbols, patterns, special designs, or art.
 - iv. Paint over existing utility frames and covers, and survey monuments and markers.
 - v. Be installed at continental crosswalk locations where there are cycle tracks (green bike lane striping or signs going through the intersection).
 - vi. Contain paints with the following, or similar, colors:
 - 1) Federal Standard Yellow
 - 2) Federal Standard Green
 - 3) White
- c. Material: Paint material to be used for the multi-colored bars shall be durable, non-toxic, lead free, and skid and slip resistant. The paint material shall not chip off, bleed, or run-off to existing storm drain structures nor create other storm water related issues. Standard reflectivity or glass bead requirements of traffic paint shall not be applied to the material.

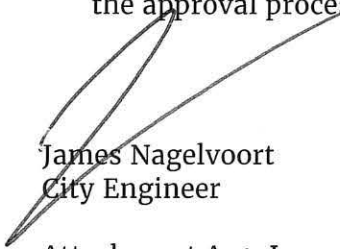
III. Implementation Process:

- a. Council can start the process by submitting a written request of the proposed application to the City Engineer from February 8, 2019 through May 8, 2019. The request shall include the names of the applicant(s), proposed location(s), and intersections with street names.

- b. After review and approval, the City Engineer will send a written notification to the representing Council applicant authorizing the initiation of the permitting process with DSD. The applicant must then initiate the permitting process within 3 months of the City Engineer's approval notification.
- c. Once the applicant has applied and obtained a permit from DSD, the applicant can then install the creative crosswalks with multi-colored bars between crosswalk markings which will be inspected by the City. The applicant must complete the installation by February 8, 2020.

C. STUDY AND EVALUATION:

The approved creative crosswalk locations with installed multi-colored bars will be closely monitored for up to 2 years after installation. A formal study will be conducted to evaluate effectiveness and safety. Once the study and successful evaluations have been completed, the design guidelines, the standard drawings for creative crosswalks, the application, and the approval processes can then be finalized.



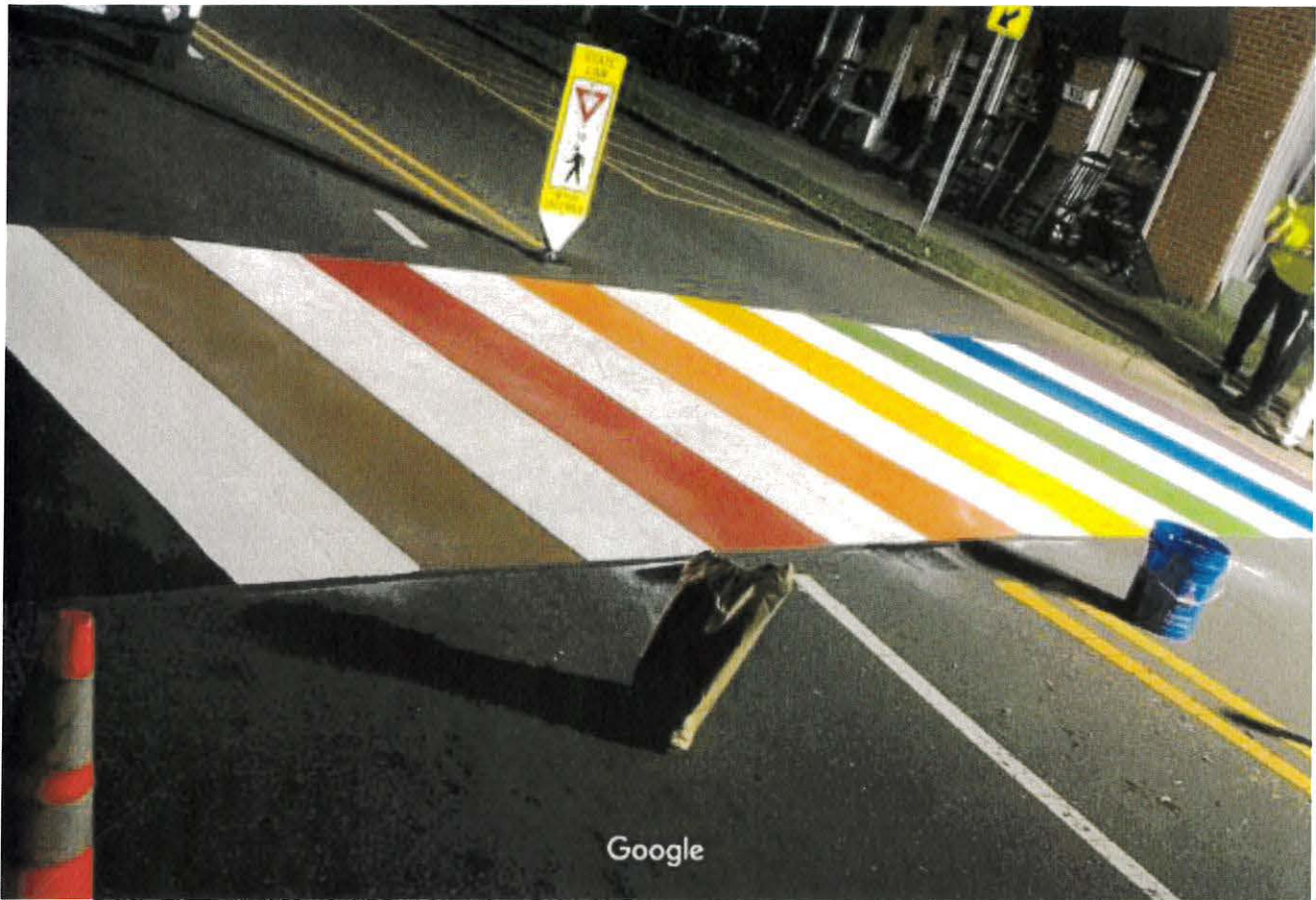
James Nagelvoort
City Engineer

Attachment A-1: Images of Existing Creative Crosswalks in Various States

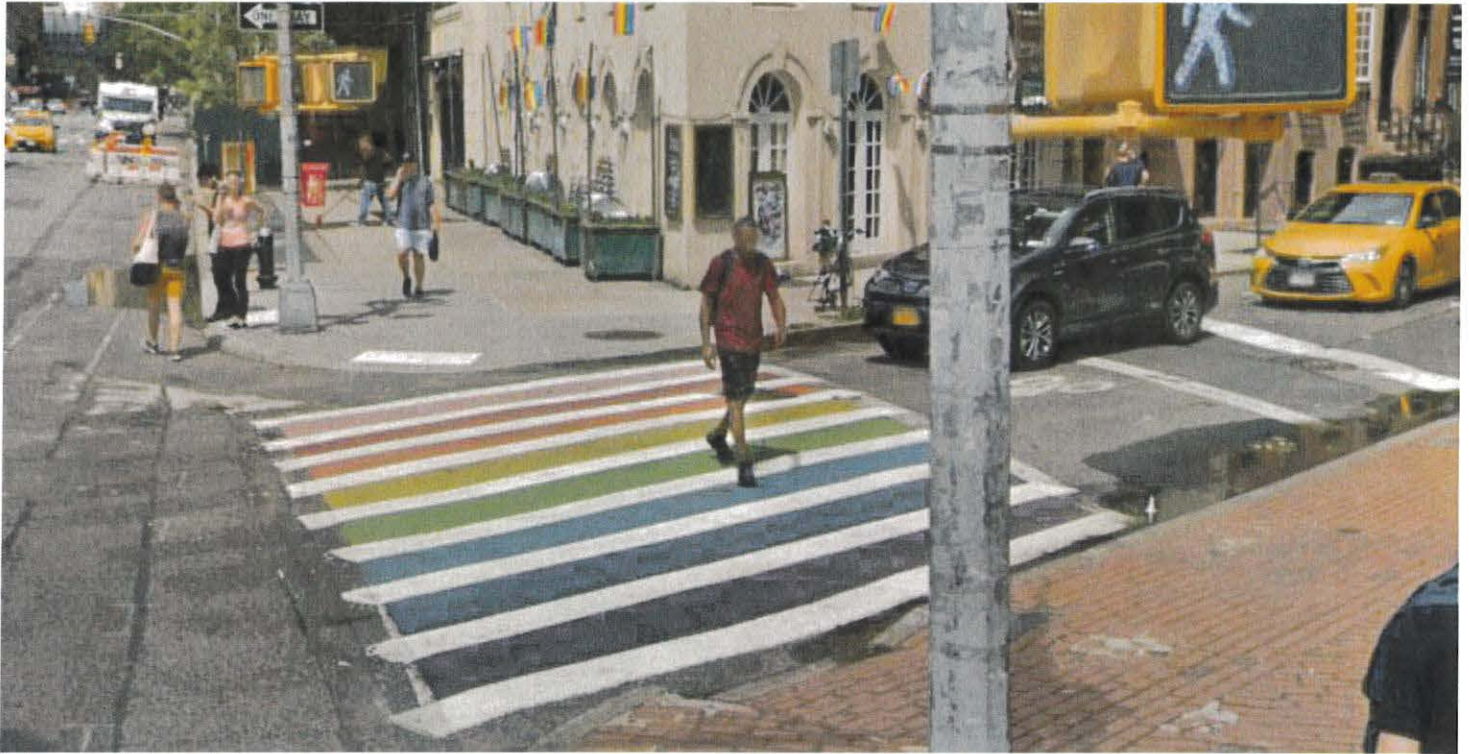
CRD/rm

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