

Stewart Street

Wright Way to Little Lane

Safety Improvement Project

Carson City

Regional Transportation Commission

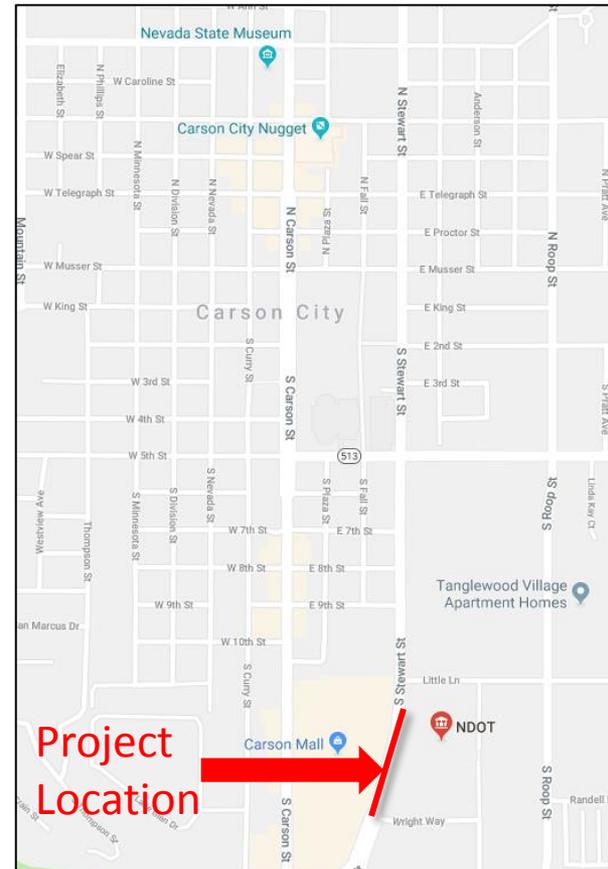
April 11, 2018

*All information presented is preliminary
and subject to revision.*



Project Overview

- **PROJECT LIMITS:** Stewart Street; Wright Way to Little Lane between DMV, NDOT, NDEP and the Carson Mall
- **SCOPE:** Consolidate multiple existing crossings of Stewart Street. Install a mid-block pedestrian crossings with refuge island and pedestrian RRFB flashers and pedestrian RRFB flashers at Little Lane.
- **CONSTRUCTION SCHEDULE:** Fall 2018
- **GOALS:** Enhance safety for pedestrians



Why this Project?

||||| Nevada

Strategic Highway Safety Plan

- Always Buckle Up
- Don't Drive Impaired
- Focus on the Road
- Stop on Red
- Be Pedestrian Safe
- Ride Safe
- Young Drivers



Why this Project?

- Improve pedestrian safety through roadway modifications
 - ✓ Install pedestrian activated Rectangular Rapid Flashing Beacon (RRFB)
 - ✓ Install pedestrian refuge island (Danish offset)
 - ✓ Install reflective signs
 - ✓ Install raised median extensions for access control
- Upgrade pedestrian access ramps to meet new ADA standards
- Increase pedestrian visibility through safety improvements
 - ✓ Enhance LED lighting
 - ✓ Install enhanced warning signs
 - ✓ Upgrade pavement markings
- Strategic Highway Safety Plan (SHSP) implementation focuses on safety improvement corridors



Safety Improvements

Pedestrian Refuge / Danish Offset

- Reduces complexity of crossings
- Allows pedestrians to focus on one direction of traffic at a time
- Reduces crossing distance
- Reduces signal time
- Reduces vehicle speeds
- Allows for median flasher installation



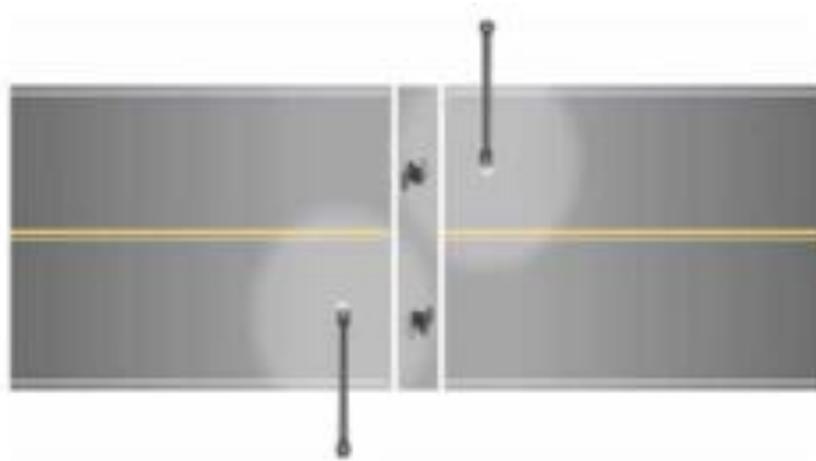
Rectangular Rapid Flashing Beacons

- Reduction in pedestrian fatal crashes
- Increased driver yielding rates to pedestrian.
- Enhanced daytime and nighttime signal visibility

Safety Improvements

Enhanced LED Lighting

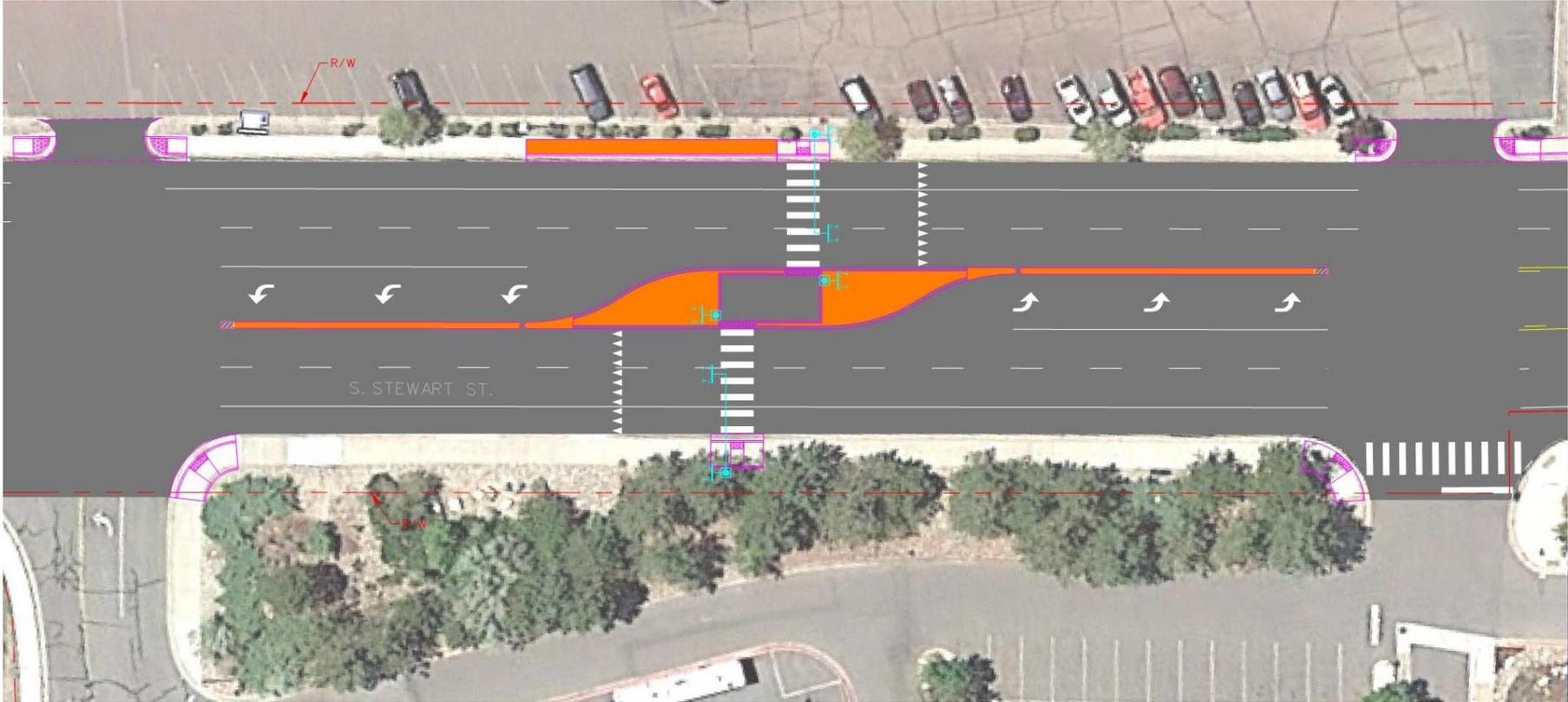
- Installing Enhanced LED lighting at Pedestrian Crossings
- Improved color rendering and contrast.
- Reduced energy consumption.
- Significantly longer life spans than traditional High Pressure Sodium (HPS) lighting units.
- Reduces light pollution.



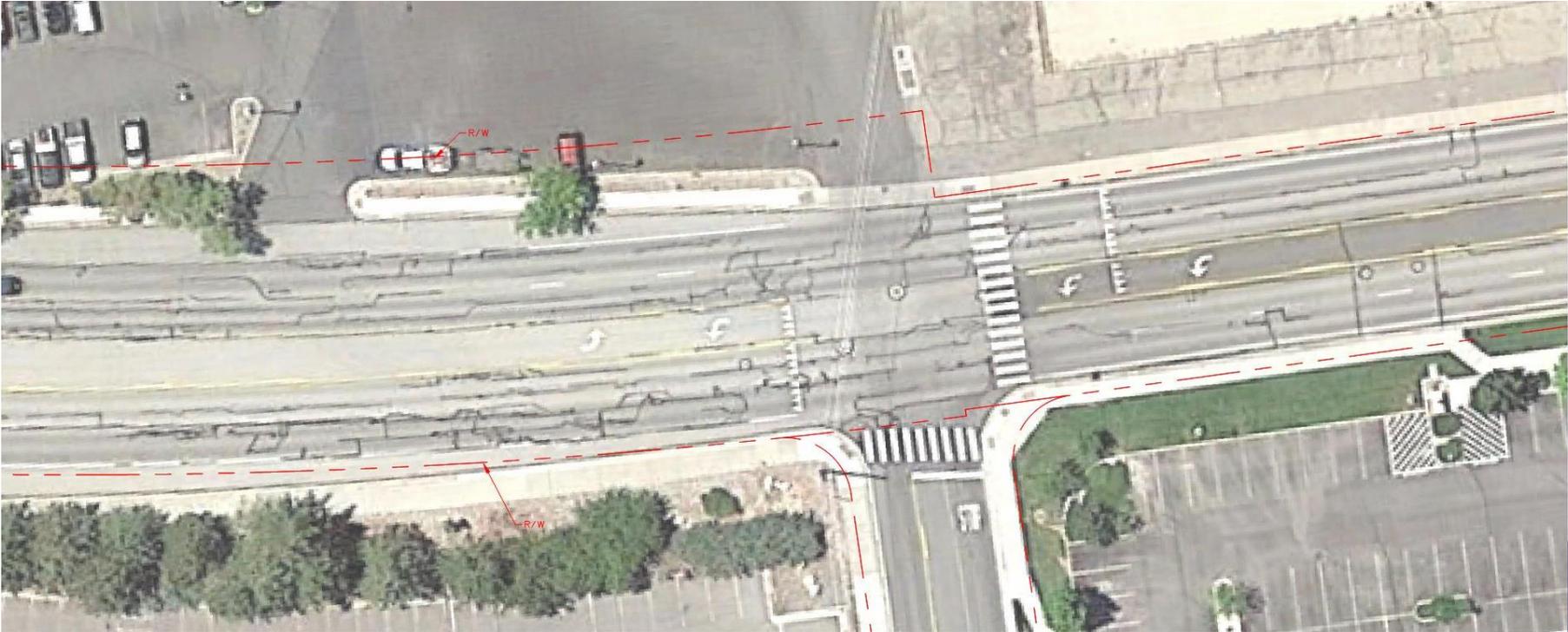
Safety Improvements



Safety Improvements



Safety Improvements

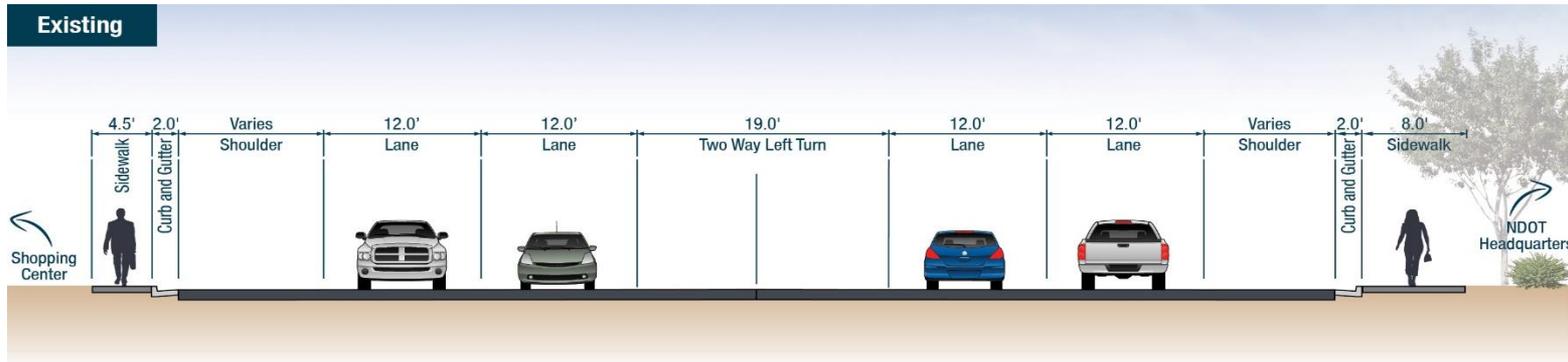


Safety Improvements

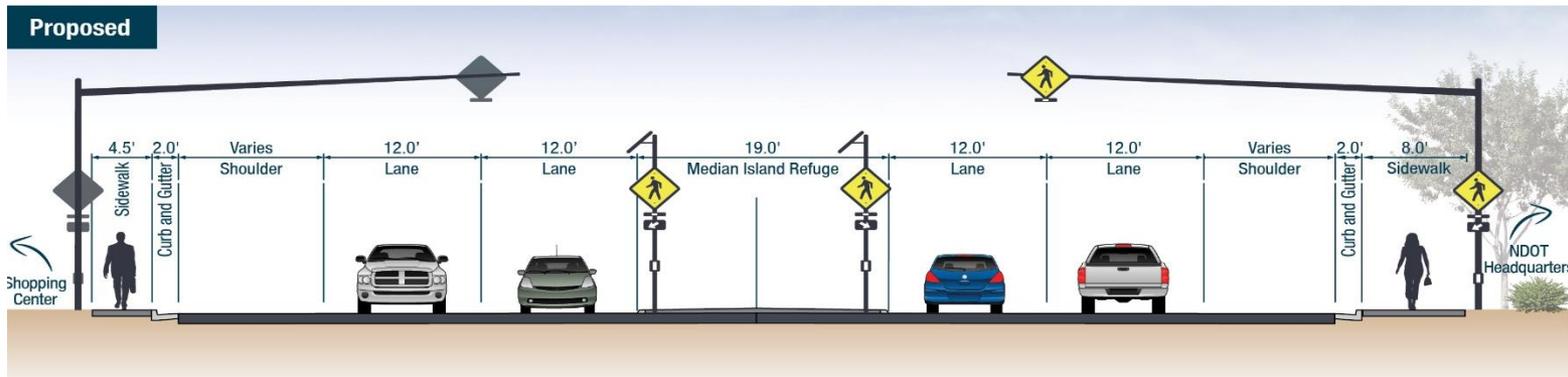


Safety Improvements – Roadway Section

Existing



Proposed





zero Fatalities
Drive Safe Nevada



NEVADA
DOT
SAFE AND CONNECTED



zero Fatalities
Drive Safe Nevada



NEVADA
DOT
SAFE AND CONNECTED

Project Schedule



Funding Source

- HSIP funding



Questions

Mail

Lori Campbell

Nevada Department of Transportation

1263 S. Stewart St

Carson City NV 89712

Email

lcampbell@dot.nv.gov

