

# Cottage Grove Rd Resurfacing and Ped/Bike Facilities Improvement Project May 2016- September 2016

## **Project Summary**

The project included the segments of Cottage Grove Rd from USH 51 at the east end to I 39/90 at the west end. The work involved removing existing pavement, some curb & gutter and upgrading water and sanitary sewer lines. Also included were improvements to the on-street bike facilities and pedestrian crossings. No changes made to the street width. The typical dimensions, 36' from curb face to curb face remained the same throughout the project.

Project Length – 1.3 miles-6,942'  
Pavement Marking Cost - \$41,800  
Bike Markings Cost - \$12,300

## **Roadway Parameters**

The roadway is classified as an arterial street. It is also a county road. The design type is boulevard with left turn bays, two travel lanes in each direction, parking and bike lanes. Typical average daily traffic varies from about 25,000 vehicles per day on the west end of the project to about 13,000 at the east end. These volumes include both directions of travel.

### **Existing Lane Dimensions - On-Street Parking**

13' Parking & Bike Lane w/Single Lane Line  
11' Travel Lane  
12' Travel Lane

### **Existing Lane Dimensions - No Parking**

7' Bike Lane  
17' Travel Lane  
12' Travel Lane

## **Ped/Bike Improvements Summary**

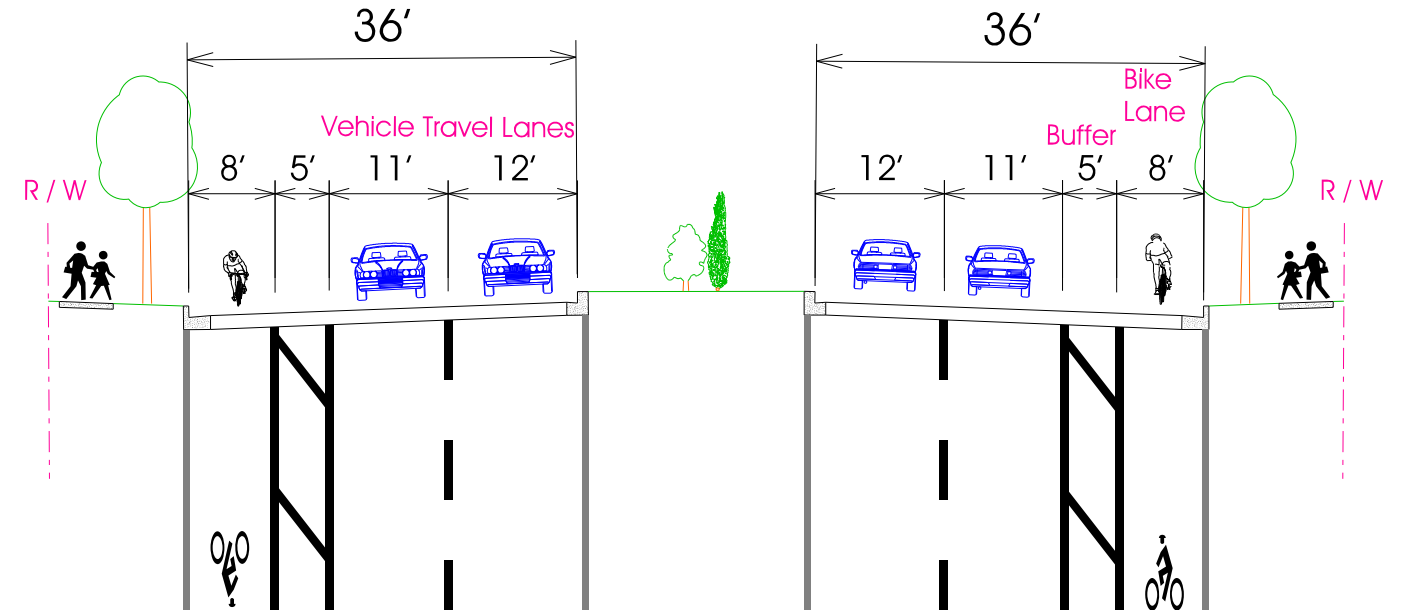
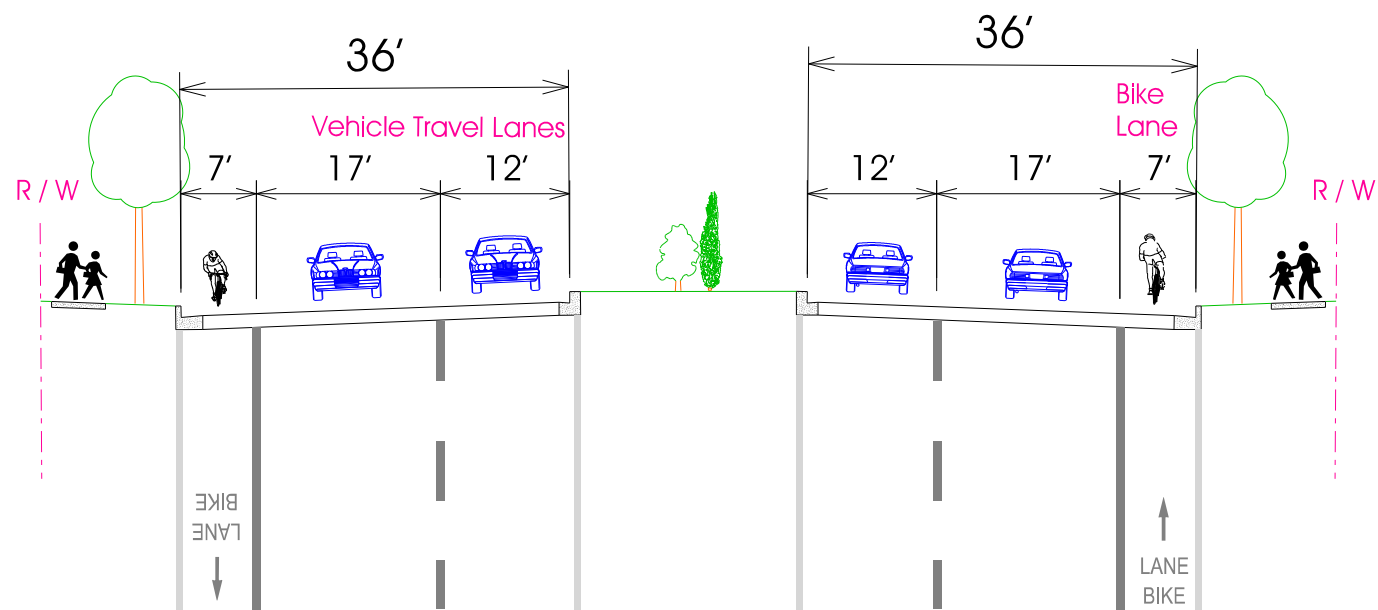
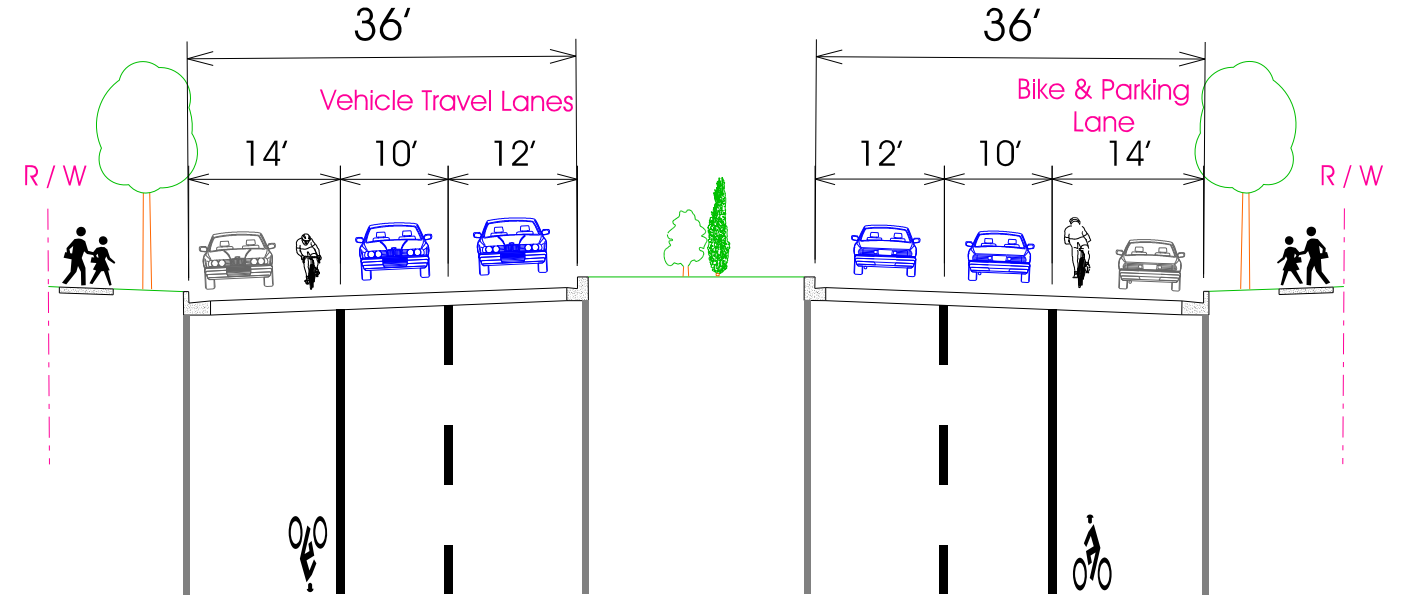
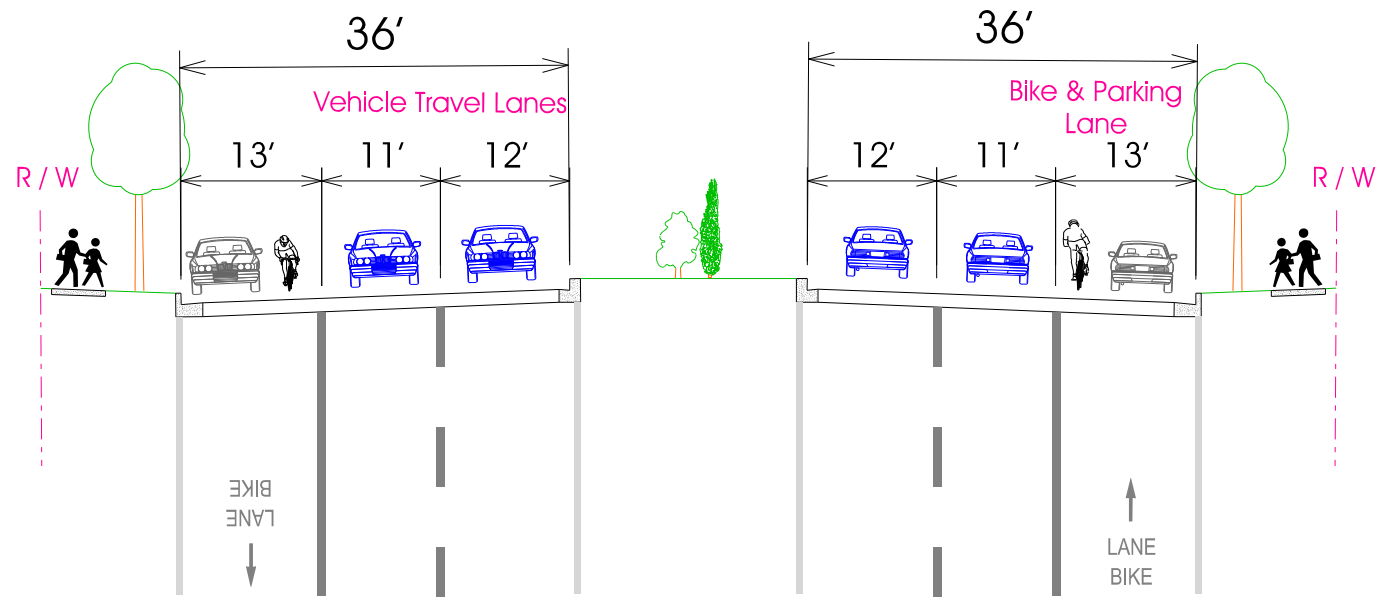
New pedestrian activated flashing beacons were installed to the crossings at Flora Ln, Meadowlark Dr and S Thompson Dr. Continental crosswalk markings replaced standard markings at all the crossings at Acewood Blvd. Buffered bike lane markings replaced single line markings in the most heavily trafficked segments (from USH 51 to Acewood Blvd) and in segments with parking the parking/bike lane width was increased to 14' from 13'.

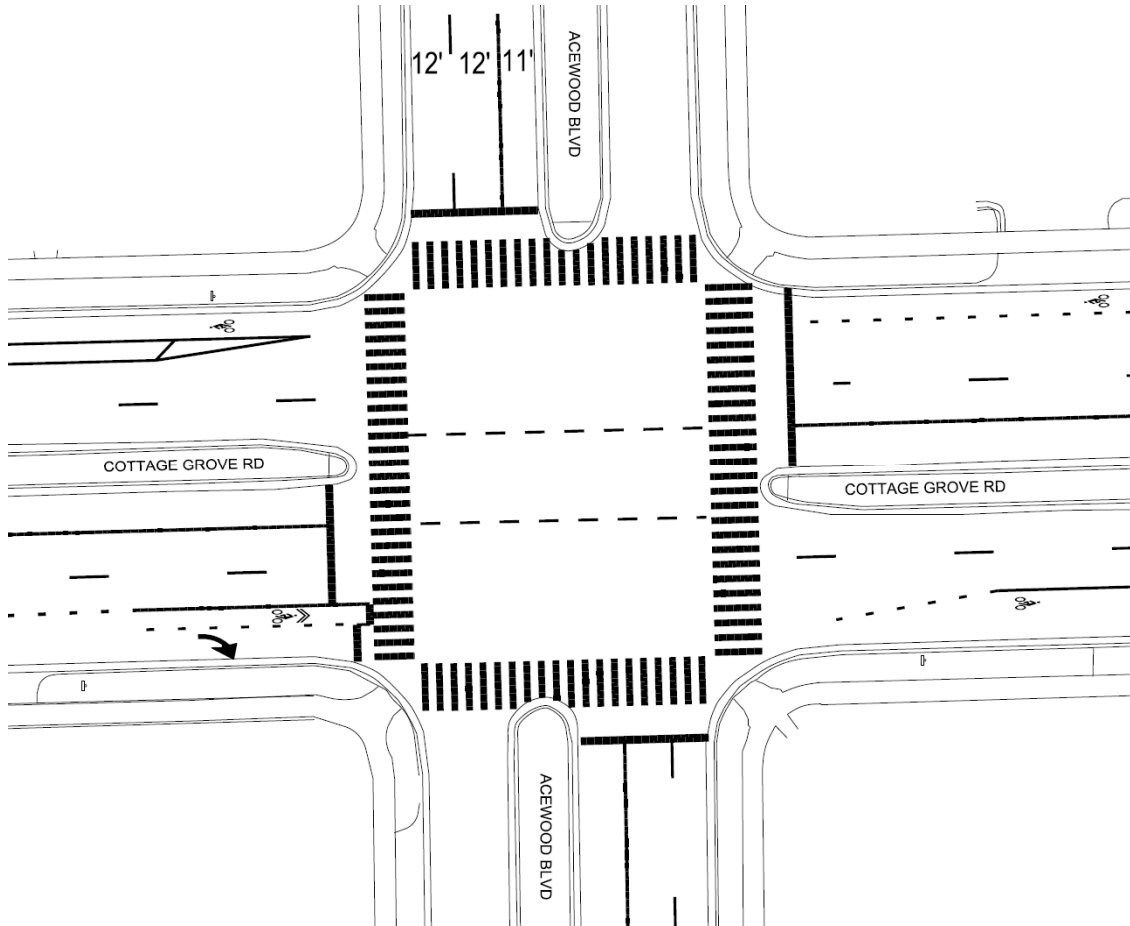
See attached

Cottage Grove Rd  
(Atlas Ave - Thompson Dr)

Old Design

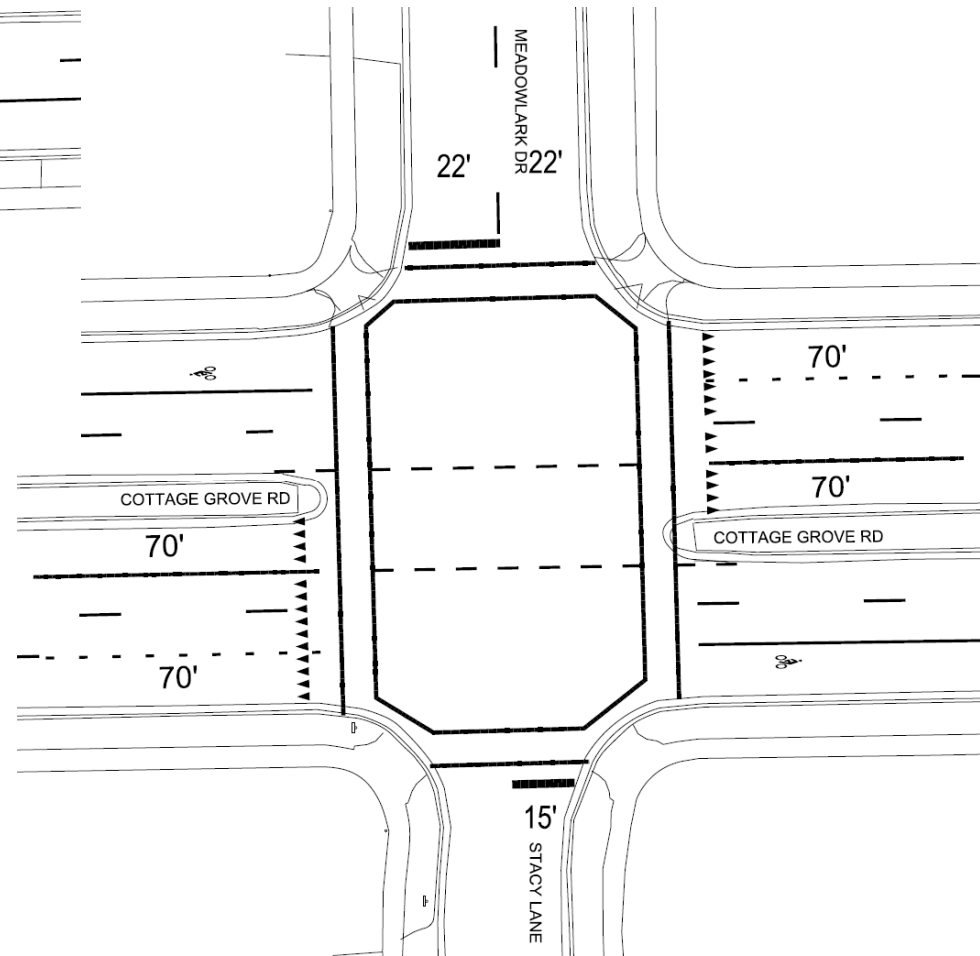
New Design





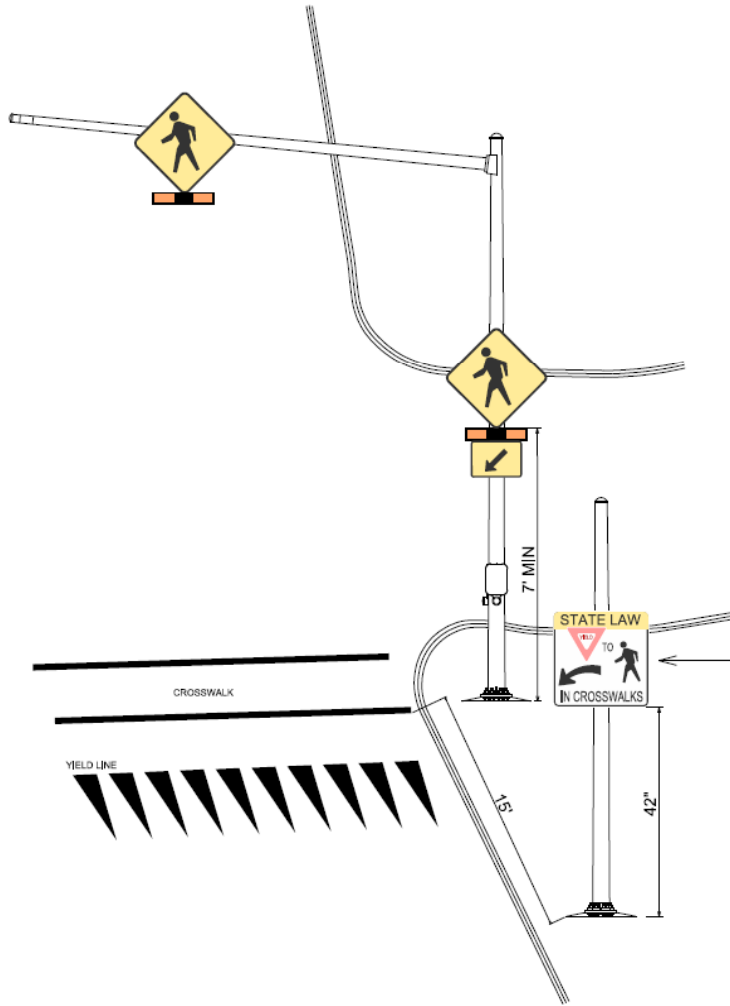
COTTAGE GROVE RD & ACEWOOD BLVD  
Continental Crosswalk

COTTAGE GROVE RD & MEADOWLARK DR/STACY LANE  
Yield Lines + RRFBs



# RRFB + Yield Line Signing Detail

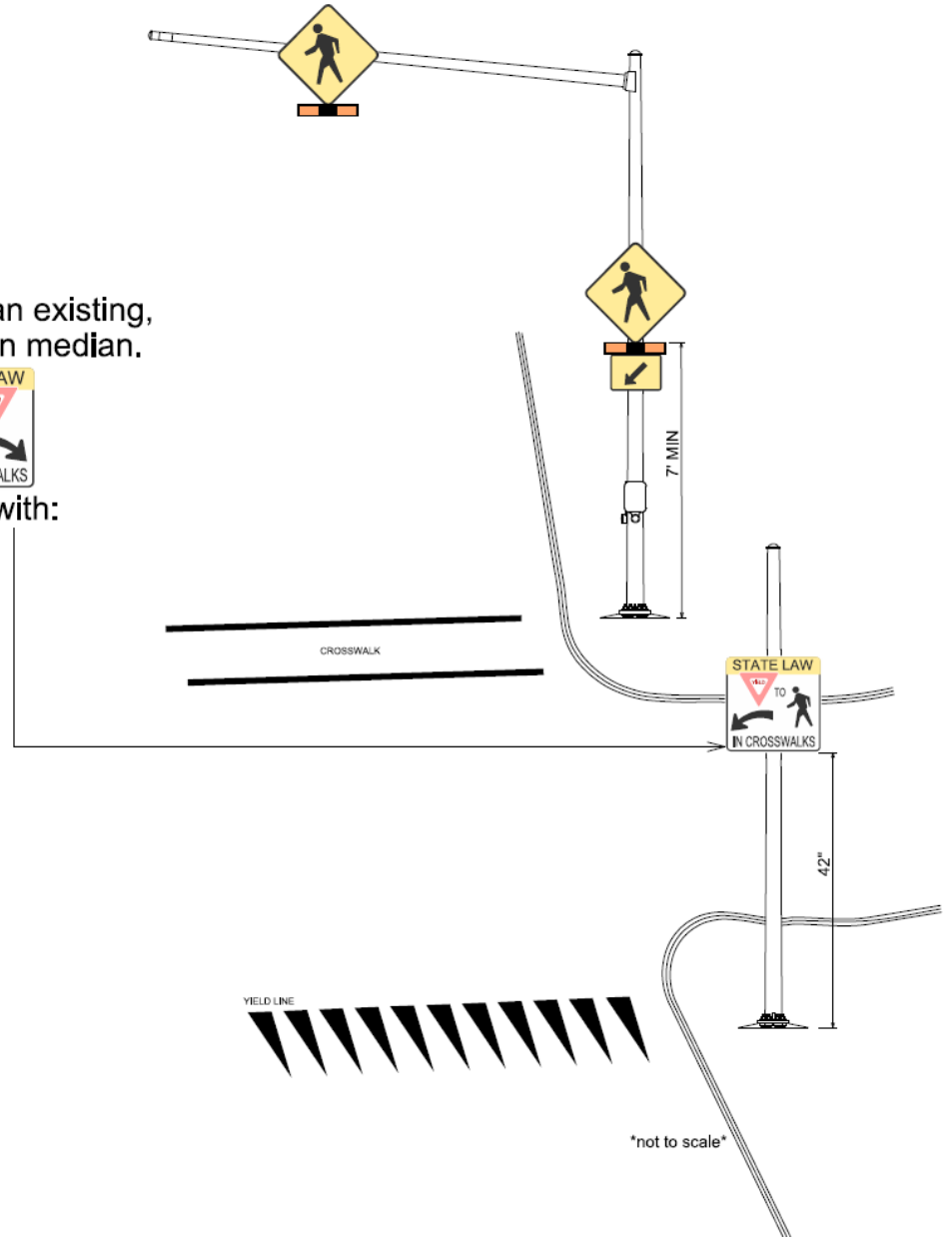
\*multi-lane approach\*



Where median existing,  
install sign in median.



In line with:



Continental Crosswalk



Cottage Grove Rd & Acewood Blvd Intersection



# Buffered Bike Lane



RRFB + Yield Line

