

# 114<sup>th</sup> Street Improvements

From Burke St. to Pacific St.  
STPC-5011(8)



March 1<sup>st</sup>, 2011  
Crestridge Elementary  
Omaha, NE

# Opening Statement– City of Omaha

- Introductions
  - City Staff
  - NDOR Staff
  - Design Team

# Background Need

- Traffic Congestion



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- Residential Access





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- Drainage Issues



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- Traffic Congestion
- Residential Access
- Drainage Issues
- Pedestrian facilities





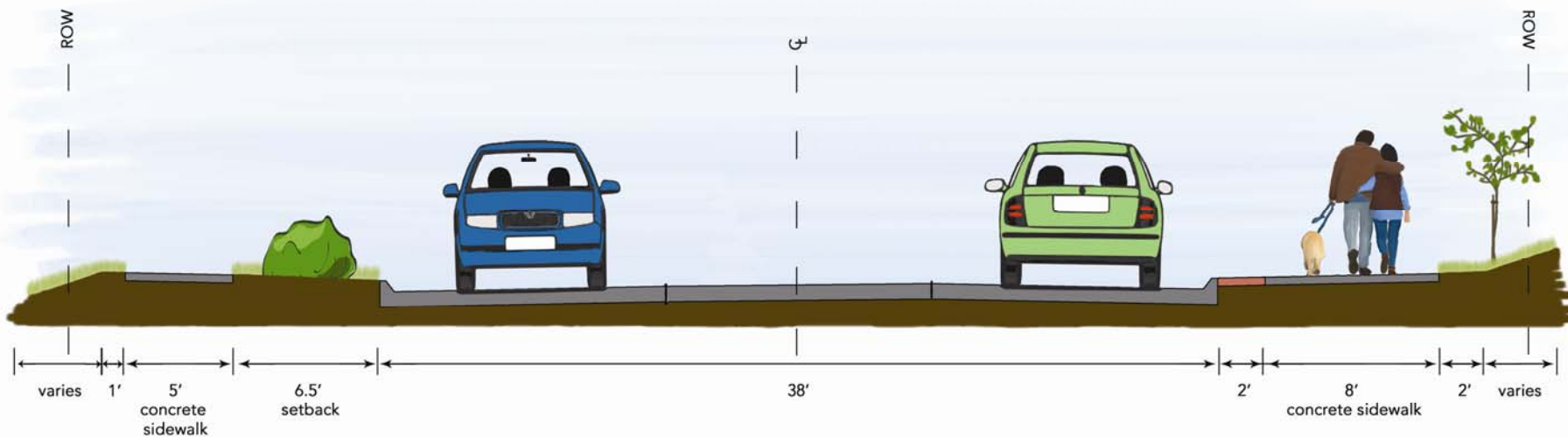
# Project Overview

- MAPA Transportation Improvement Plan
  - Center Turn Lane
  - Addition of Curb & Gutter
  - Sidewalks & Trail
  - Lighting and Ped. Signal



- Estimated Construction Cost - \$2.9 million

# Roadway Typical Section

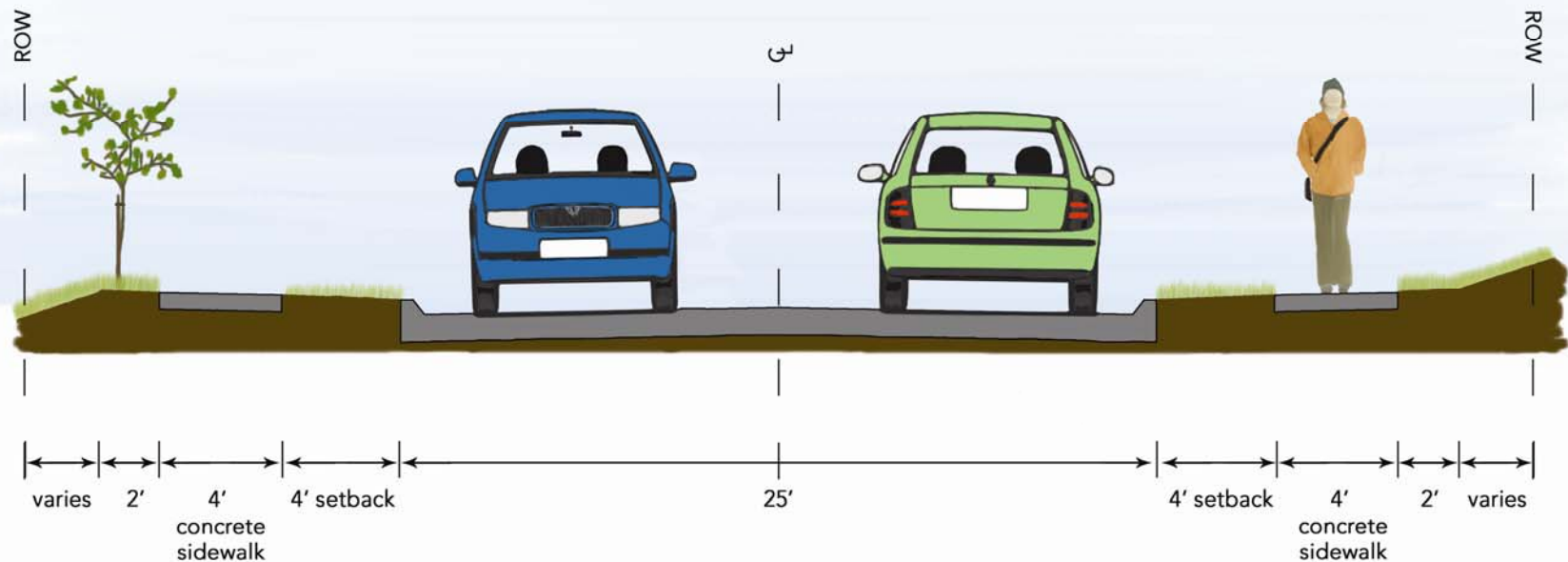


## TYPICAL 3 LANE SECTION w/CENTER TURN LANE

114th STREET



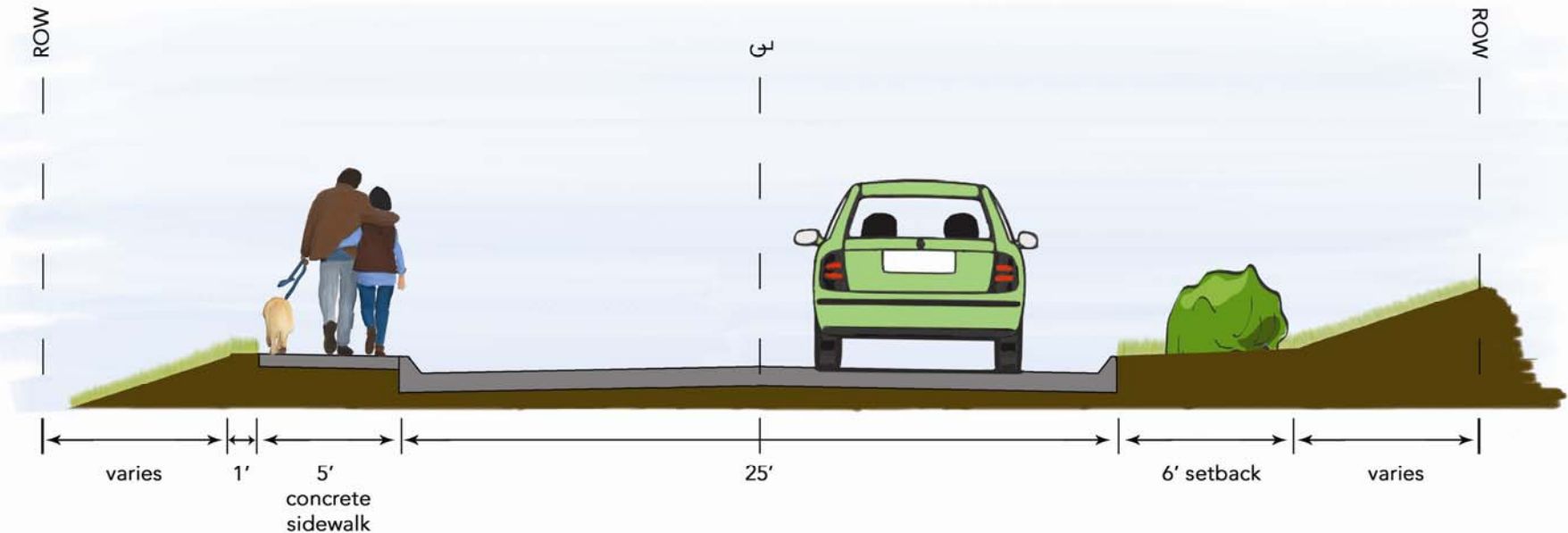
# Roadway Typical Section



## TYPICAL 2 LANE SECTION

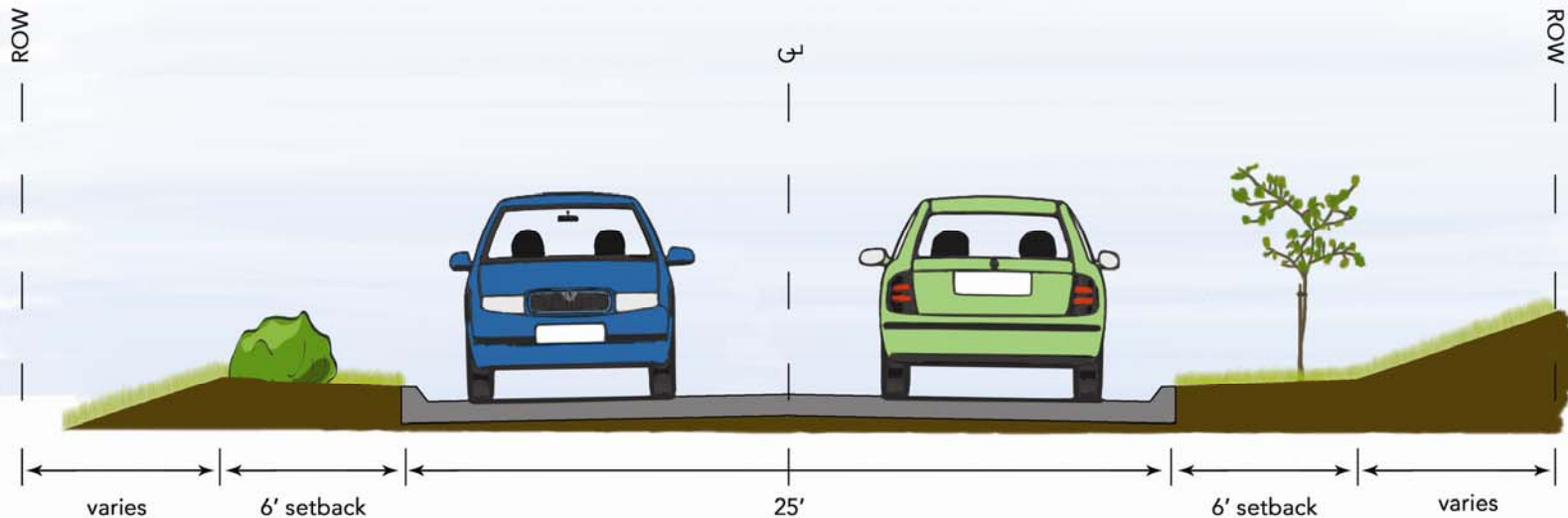
CRESTRIDGE ROAD, FARNAM CIRCLE, FARNAM STREET,  
MASON COURT, JONES STREET

# Roadway Typical Section



**TYPICAL 2 LANE SECTION**  
PALAMINO STREET

# Roadway Typical Section



## TYPICAL 2 LANE SECTION

MEADOW ROAD



# Retaining Walls

- Modular Block
- Cast-in-place
- Stone Strong
- Fencing Options

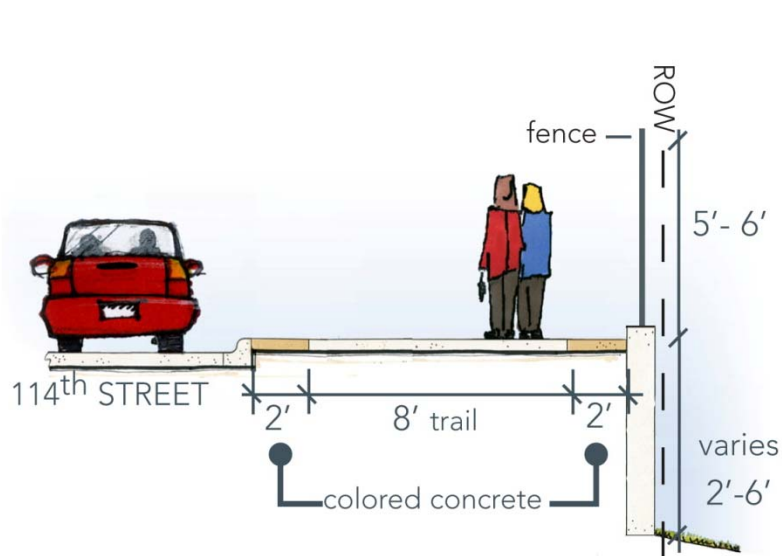


RETAINING WALL WITH FENCE - ELEVATION

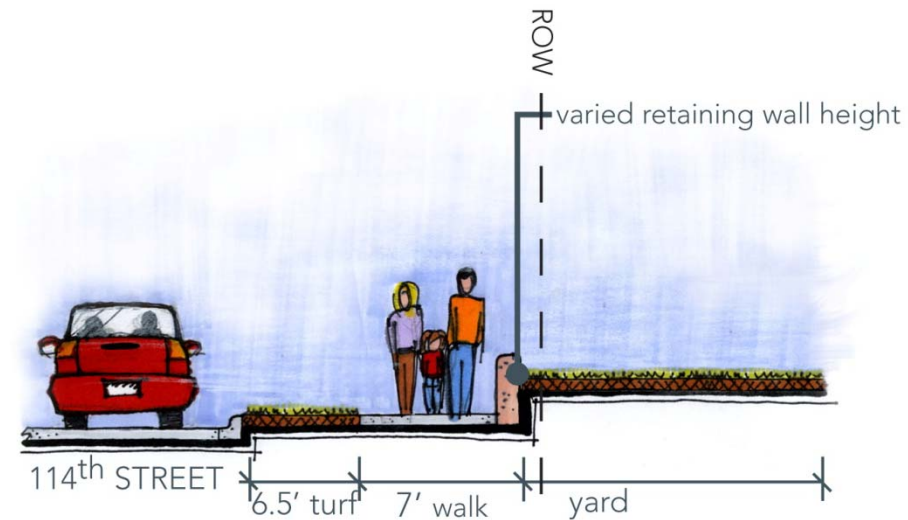
*Property owner's view*

# Retaining Walls

- Types and Sizes



FILL RETAINING WALL - SECTION



CUT WALL - SECTION

# Utilities

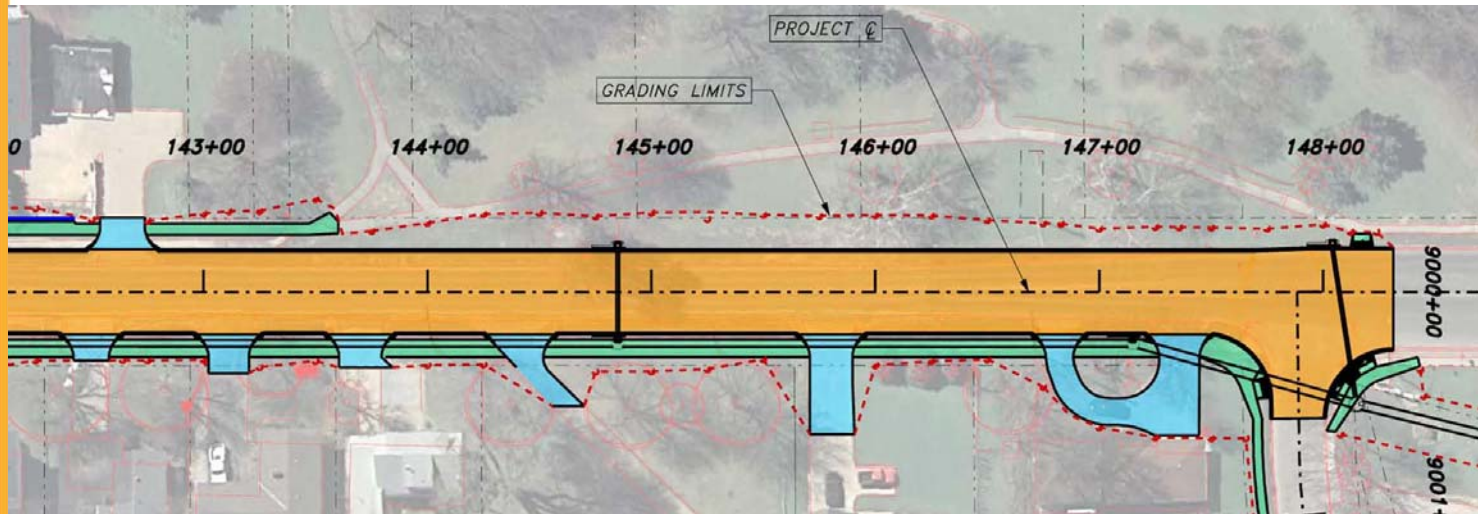
- OPPD – Overhead Power lines
- MUD – Water & Gas
- Qwest – Phone & Fiber
- Cox - Cable
- Mayor's Road Construction Task Force
  - Early and Continued Coordination
  - Alternative Bidding Methods
  - Incentive/Disincentive





# 4(f) Property (Parks)

- Meadow Lane Park
  - Temporary Construction Easement
  - Grading
  - Sidewalk and Curb Ramps



# Phasing Concepts

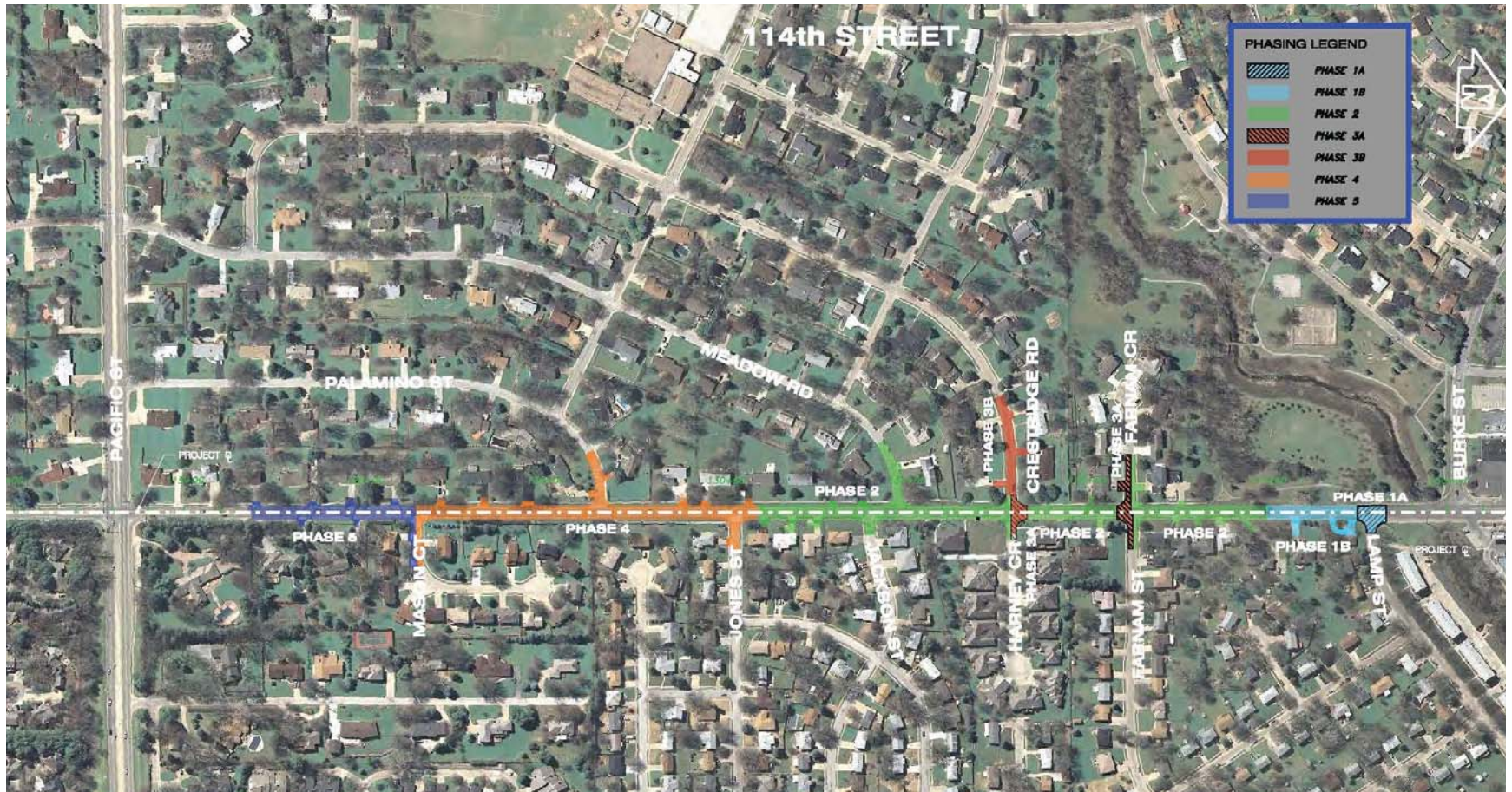
	Total Closure	Under Traffic	Gap-Pave	Segmental Closure
Construction Time	6 months	12+ months	12+ months	9 months
Quality	continuous pavement construction	constructed in halves	multiple small segments	multiple long segments
Construction Cost	lower costs	higher costs due to temporary roads	higher costs due to start and stop	lower costs
Access During Construction	no access allowed	full access to through traffic	full access to property owners	limited access during phases

## Accommodations During Construction

- Contractor Parking Restrictions
- Sidewalk Access
- Accommodations for Those that Need Assistance
- Emergency Vehicle Access



# Phasing





# Phase 1



Parking During Construction



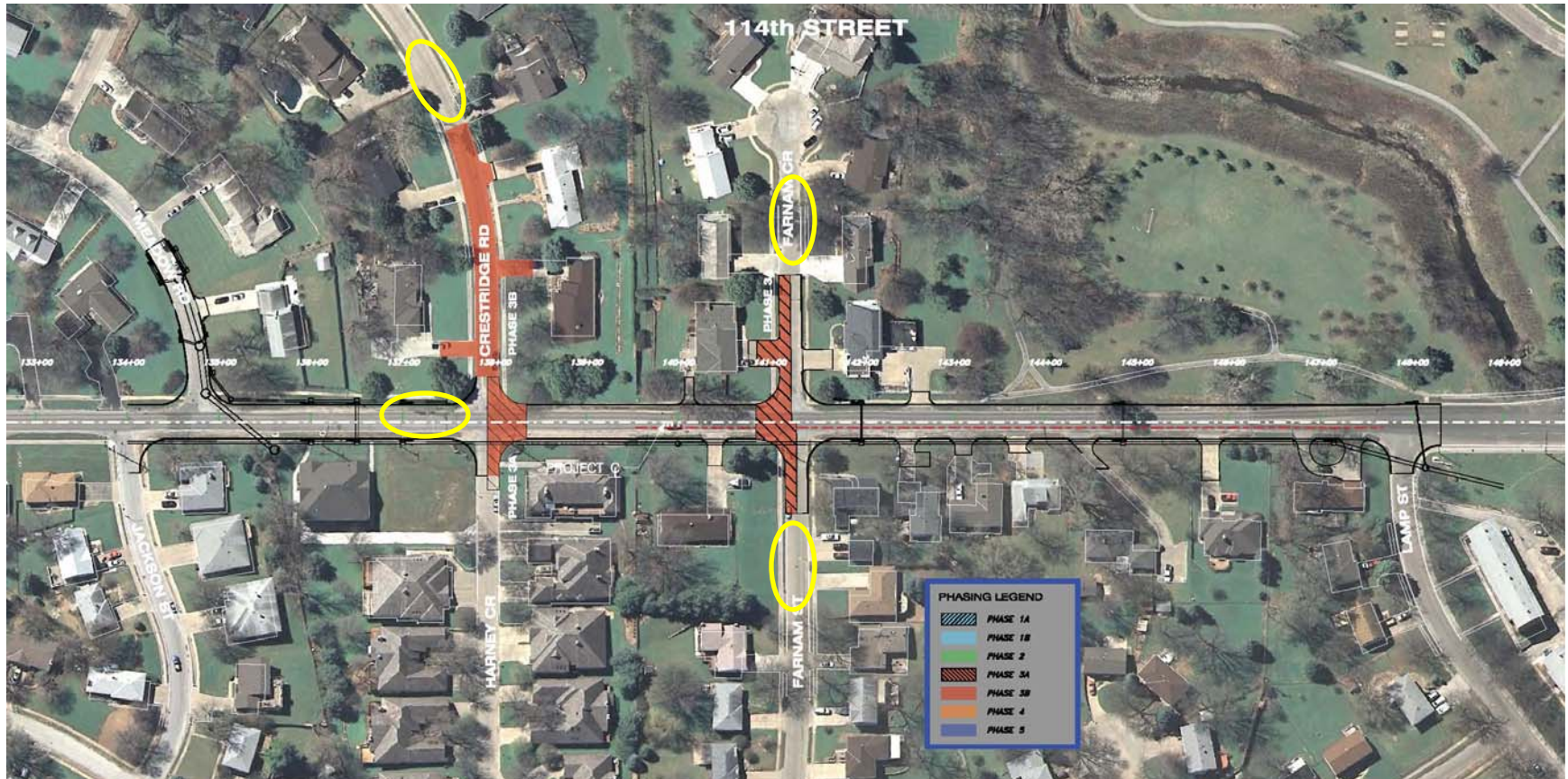
# Phase 2



Parking During Construction



# Phase 3



Parking During Construction



# Phase 4



Parking During Construction



# Phase 5



Parking During Construction

# Schedule

- Environmental Document Approval
- Right-of-way Process – Late Summer 2011 thru 2012
- Programmed Construction – Spring 2015
- Pre-Construction Public Meeting

# Where We Go From Here?

- Website – [www.oaprojects.com/114thstreet](http://www.oaprojects.com/114thstreet)
- Comment Forms – March 16, 2011
- Open House Portion