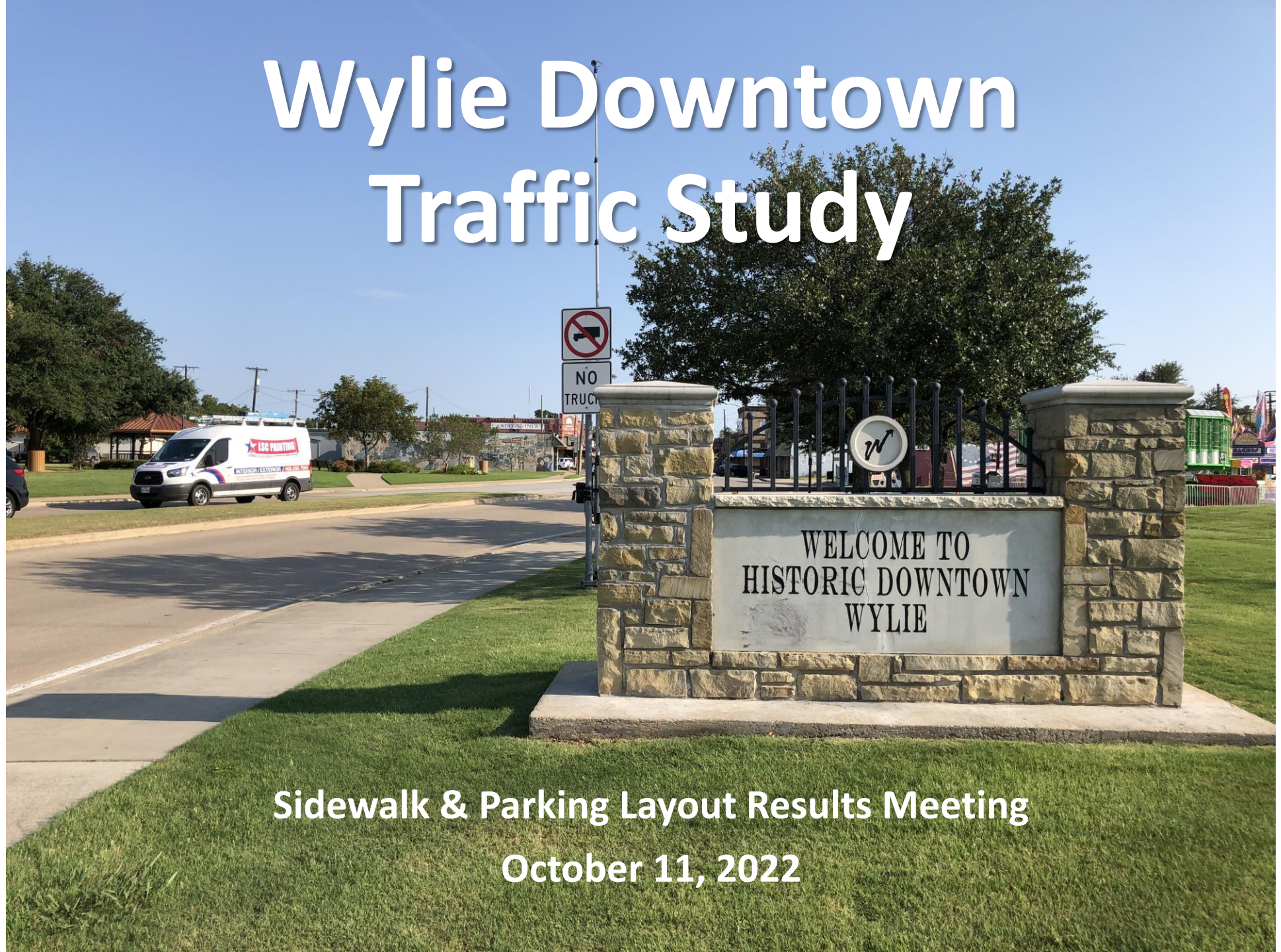




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*Honoring our past; Embracing  
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# Wylie Downtown Traffic Study



Sidewalk & Parking Layout Results Meeting

October 11, 2022



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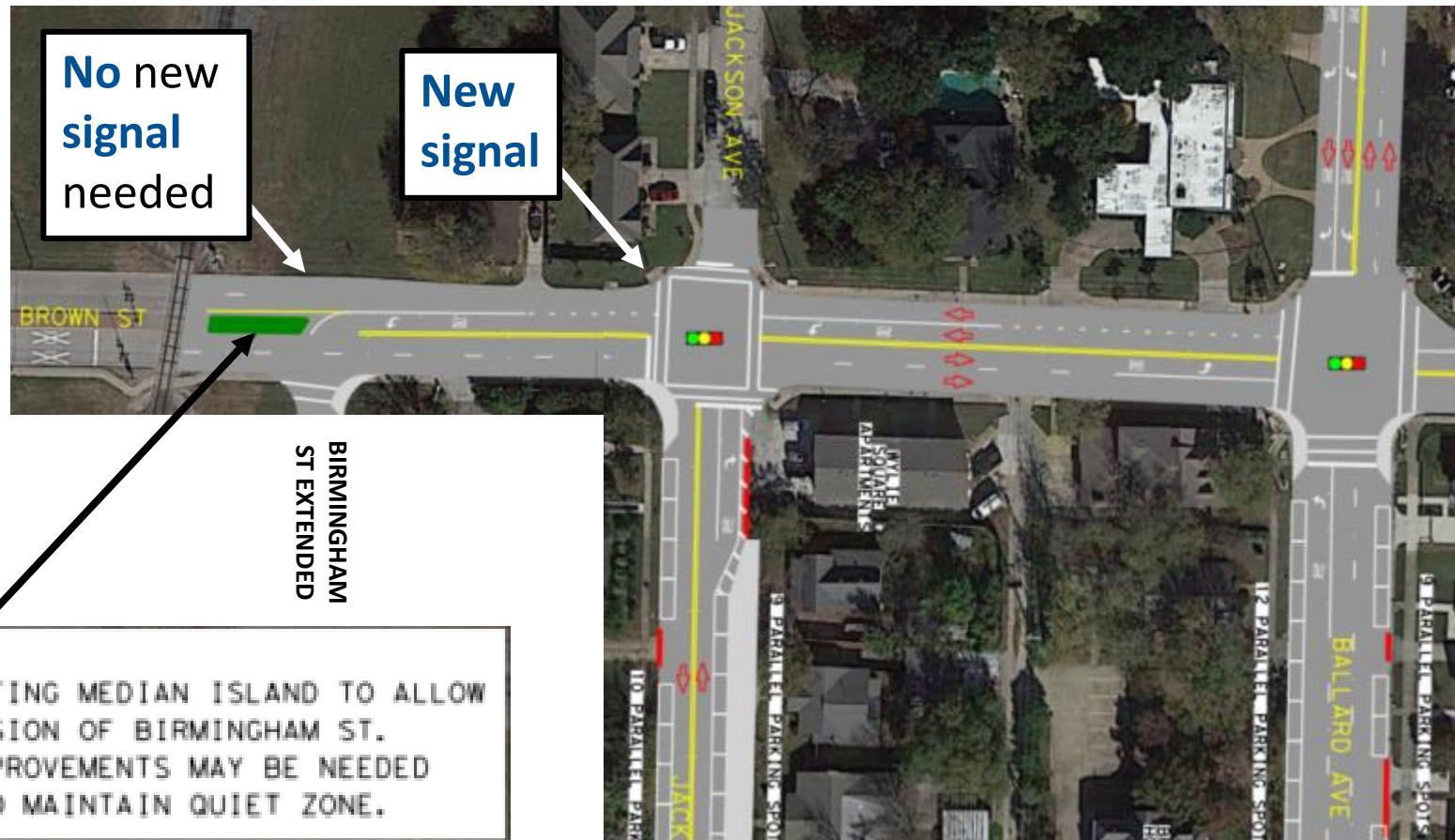


# Agenda for Today

- Assumed **road capacity** improvements needed for **preferred Option 4a**
- **Parking & sidewalk** options for **preferred Option 4a**
- **Questions** going forward for City & Stakeholders to answer



# Assumed Improvements – Brown St

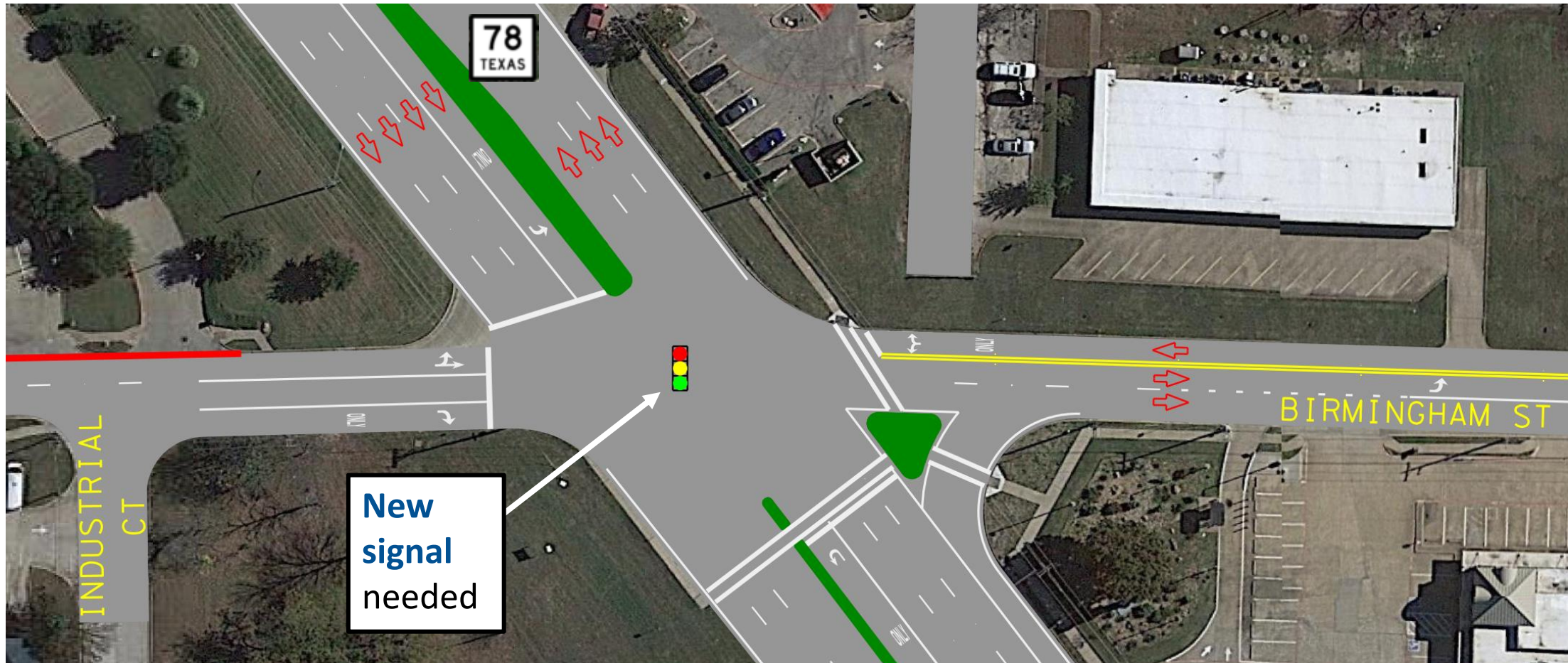


# Assumed Improvements – SH 78 at Ballard



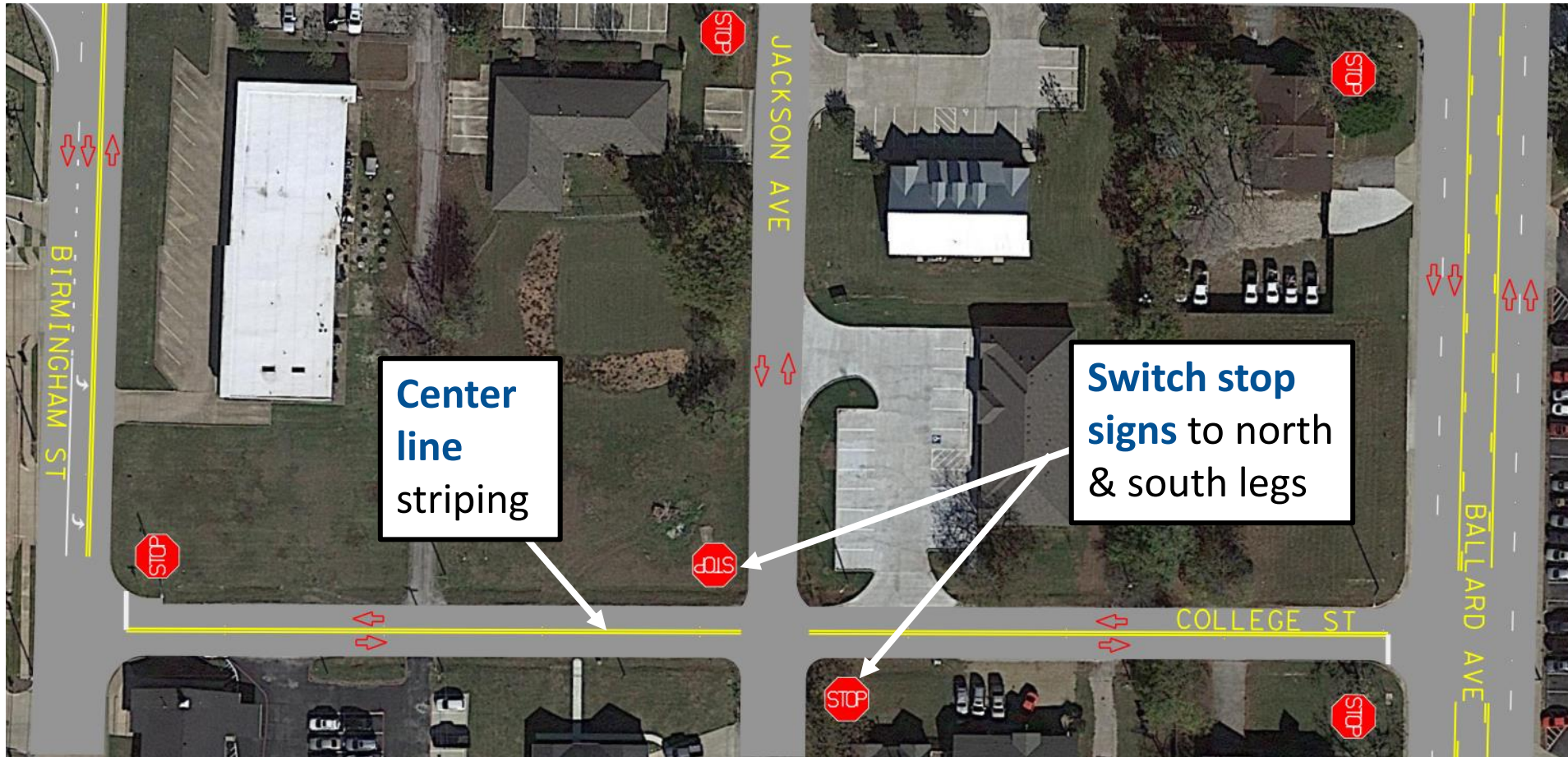


# Assumed Improvements - SH 78 at Birmingham





# Assumed Improvements – College St



# Sidewalk & Parking Options



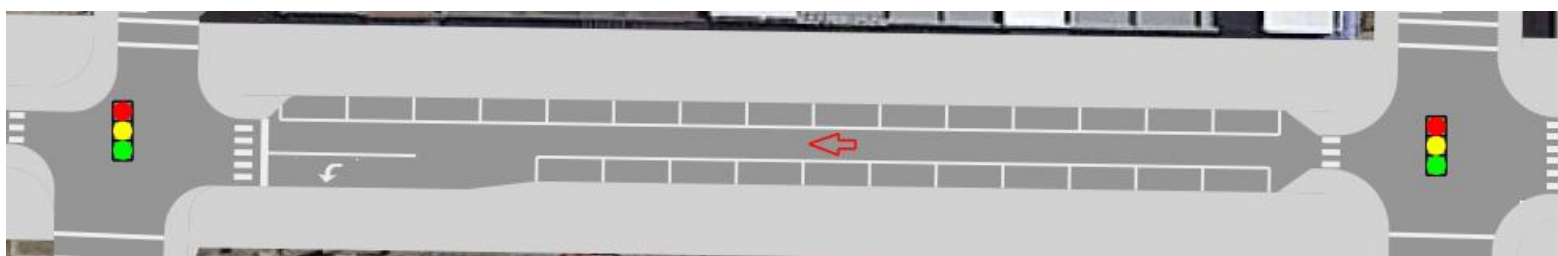
Option 4a-1:  
**60-Degree**  
Parking



Option 4a-2:  
**45-Degree**  
Parking



Option 4a-3:  
**30-Degree**  
Parking



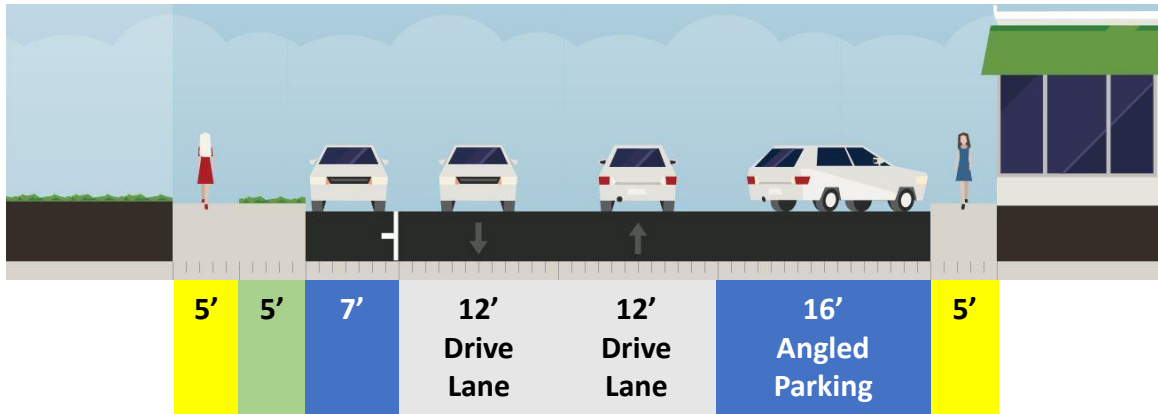
Option 4a-4:  
**Parallel**  
Parking



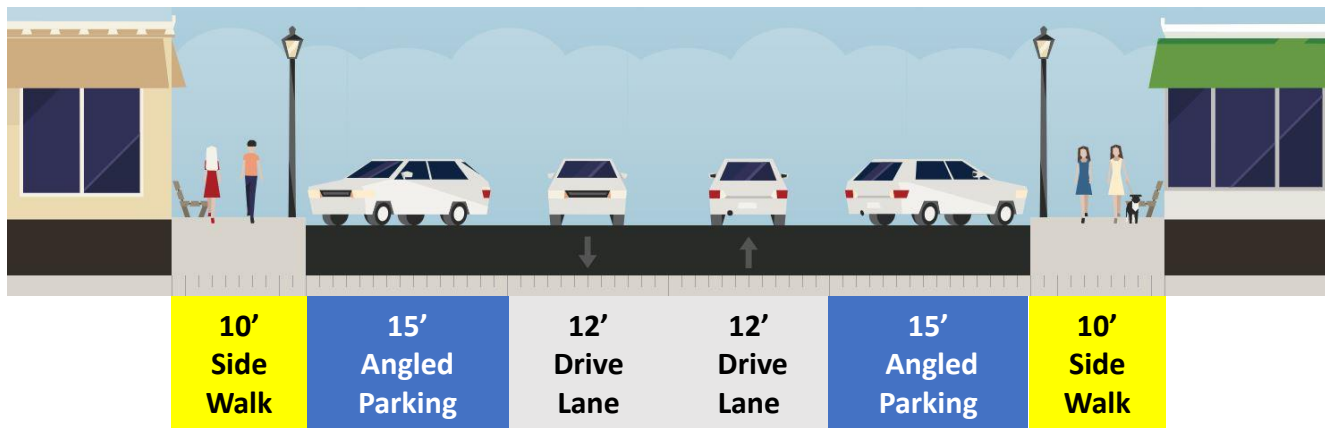
# Option 1: Existing Conditions

(Existing) From NCTCOG Stakeholder Study

## Two-Way Traffic, 60 Degree Angled Parking



## Two-Way Traffic, 60 Degree Angled Parking



← **Birmingham Street** would be **two-way** also without extending it north

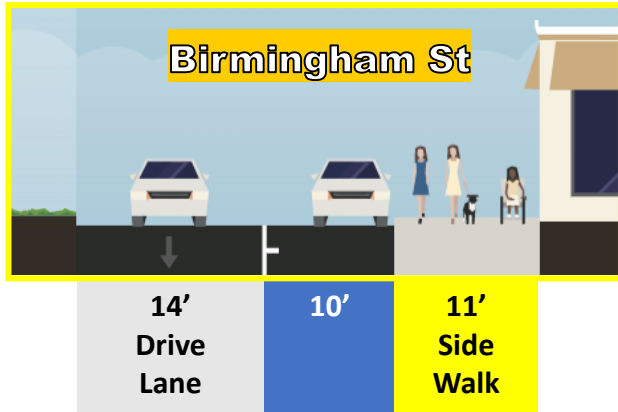




# Option 4a-1: Birmingham-Ballard One-Way

North Transition via Brown & South Transition via College with 60-Degree Parking

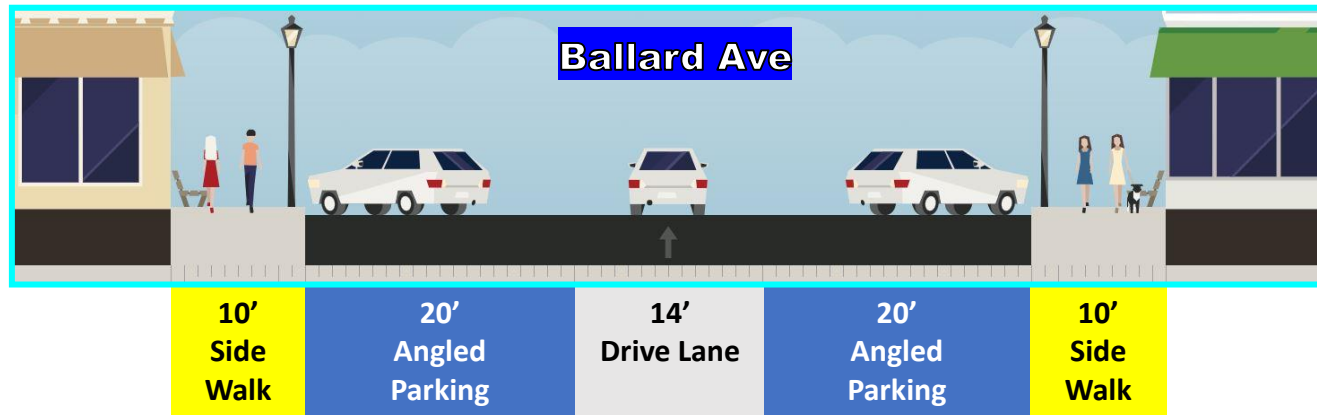
## One-Way SB Traffic (w/ Parallel Parking)



## Two-Way Traffic (w/ 60-Degree Angled Parking\*)



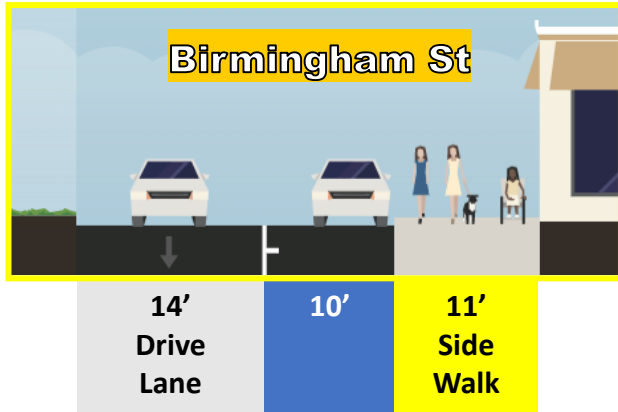
## One-Way Northbound Traffic (w/ 60-Degree Angled Parking)



# Option 4a-2: Birmingham-Ballard One-Way

North Transition via Brown & South Transition via College with 45-Degree Parking

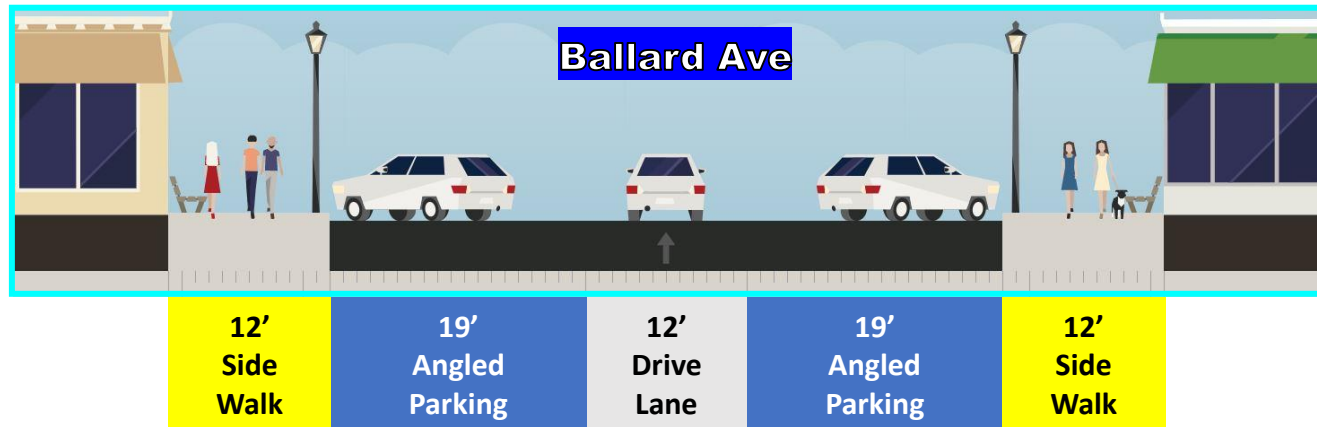
## One-Way SB Traffic (w/ Parallel Parking)



## Two-Way Traffic (w/ 45-Degree Angled Parking\*)



## One-Way Northbound Traffic (w/ 45-Degree Angled Parking)

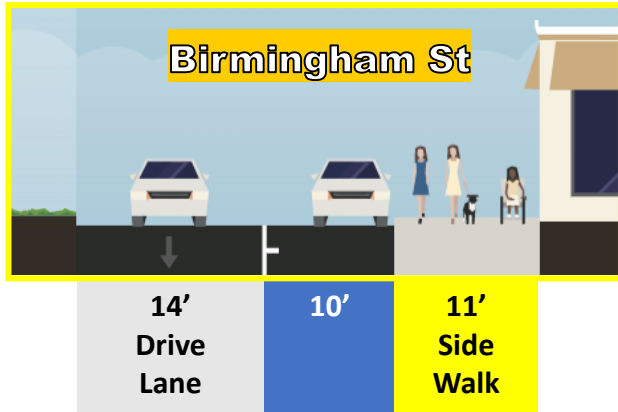




# Option 4a-3: Birmingham-Ballard One-Way

North Transition via Brown & South Transition via College with 30-Degree Parking

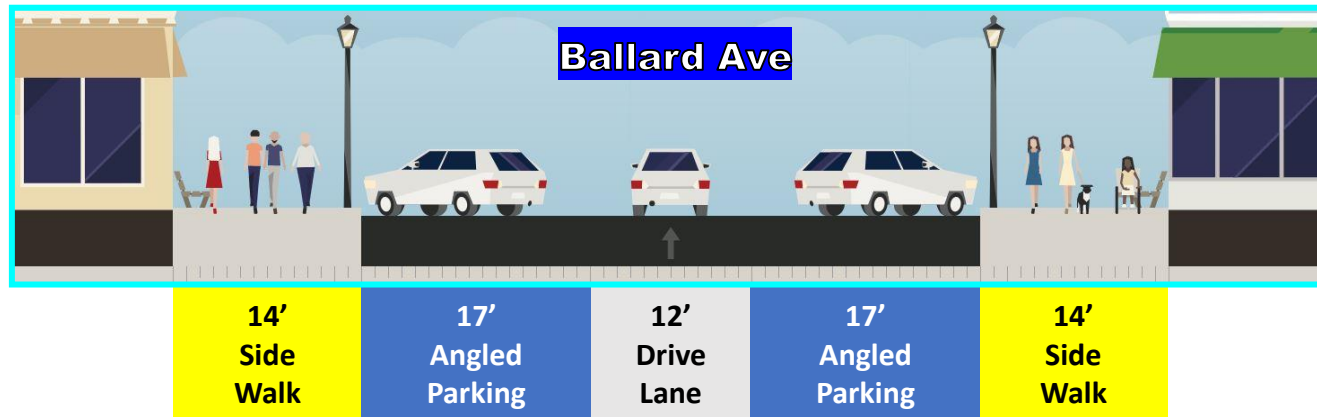
## One-Way SB Traffic (w/ Parallel Parking)



## Two-Way Traffic (w/ 30-Degree Angled Parking\*)



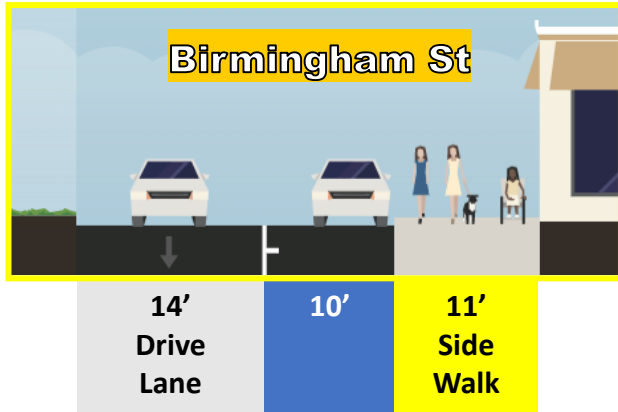
## One-Way Northbound Traffic (w/ 30-Degree Angled Parking)



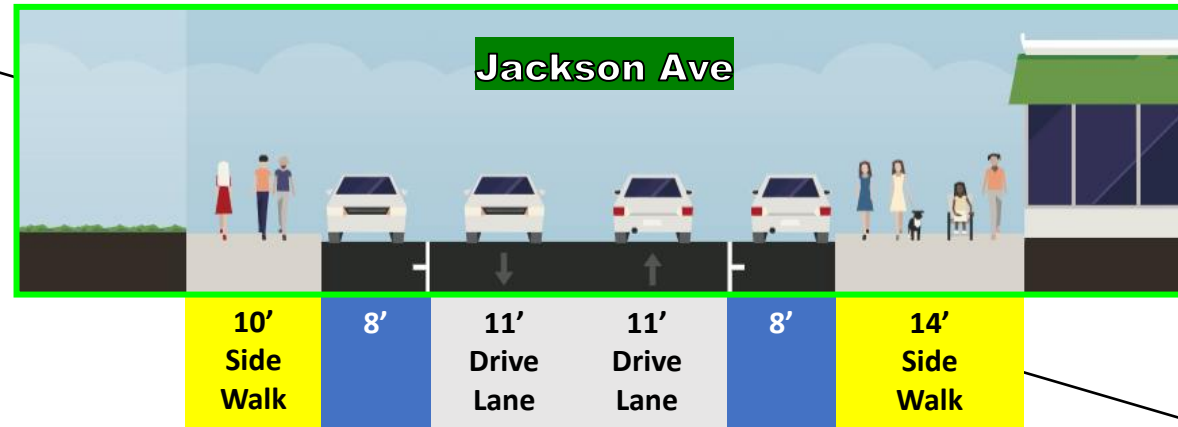
# Option 4a-4: Birmingham-Ballard One-Way

North Transition via Brown & South Transition via College with Parallel Parking

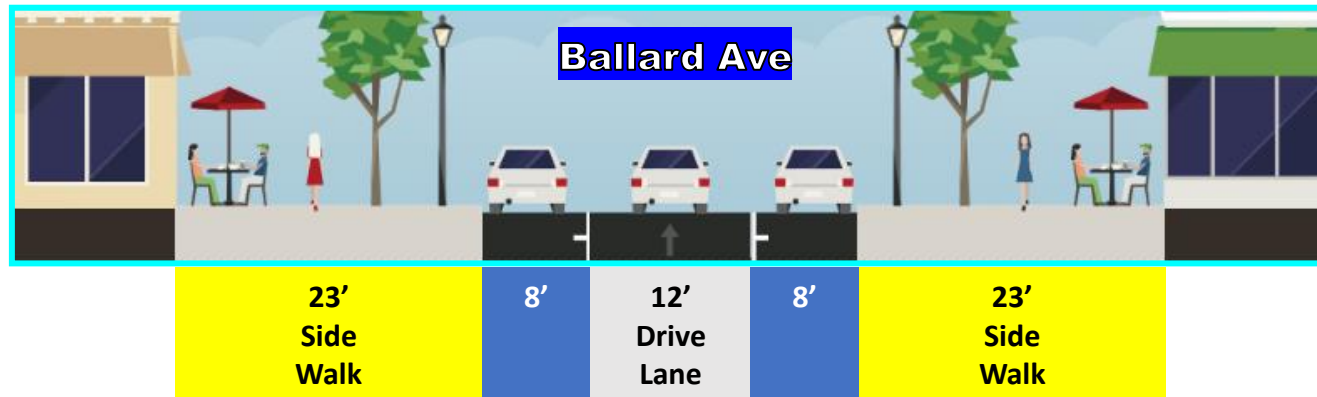
## One-Way SB Traffic (w/ Parallel Parking)



## Two-Way Traffic (w/ Parallel Parking)



## One-Way Northbound Traffic (w/ Parallel Parking)





# Parking Option Details – 4a-1 on Ballard



Option 4a-1:  
**60-Degree**  
Parking on  
**Ballard** from  
**Oak** to  
**SH 78**



Option 4a-1:  
**60-Degree**  
Parking on  
**Ballard** from  
**Marble** to  
**Oak**

# Parking Option Details – 4a-2 on Ballard



Option 4a-2:  
**45-Degree**  
Parking on  
**Ballard** from  
**Oak** to  
**SH 78**



Option 4a-2:  
**45-Degree**  
Parking on  
**Ballard** from  
**Marble** to  
**Oak**



# Parking Option Details – 4a-3 on Ballard



Option 4a-3:  
**30-Degree**  
Parking on  
**Ballard** from  
**Oak** to  
**SH 78**

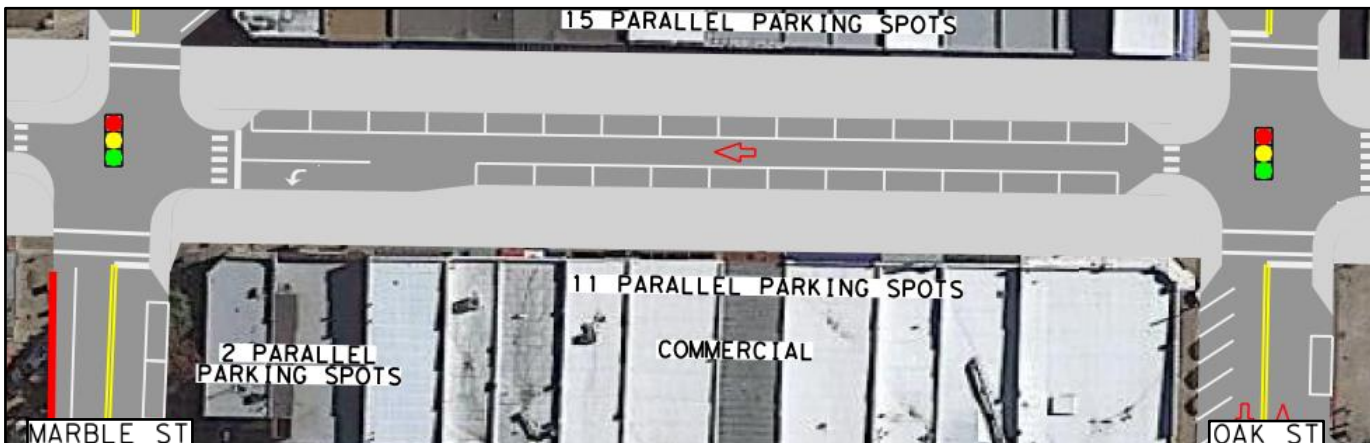


Option 4a-3:  
**30-Degree**  
Parking on  
**Ballard** from  
**Marble** to  
**Oak**

# Parking Option Details – 4a-4 on Ballard



Option 4a-4:  
**Parallel**  
Parking on  
**Ballard** from  
**Oak** to  
**SH 78**



Option 4a-4:  
**Parallel**  
Parking on  
**Ballard** from  
**Marble** to  
**Oak**



# Parking Comparison

Option	Description	Parking Angle			On-Street Parking Space Count by Street					
		Birmingham	Jackson	Ballard	Birmingham	Jackson	Ballard	Jefferson	Marble	Oak
1-1	Existing	No Parking	60° & Parallel Mix		0	116	107	41	18	71
4a-1	One-Way Traffic	Parallel	60° & Parallel Mix		39	82	146	43	18	54
4a-2	Ballard NB/		45° & Parallel Mix			74	150			
4a-3	Birmingham SB w/		Mostly 30° *	30° & Parallel Mix		47	111			
4a-4	Curb Bump-outs		Parallel			84	95			

# Parking Comparison

Option	Description	Parking Angle			Total Parking Spaces					
		Birmingham	Jackson	Ballard	On-Street	% vs. Existing	Off-Street		Grand Total	% vs. Existing
							City-Owned	Church/Private		
1-1	Existing	No Parking	60° & Parallel Mix		353	100%	120	813	1,286	100%
4a-1	One-Way Traffic Ballard NB/ Birmingham SB w/ Curb Bump-outs	Parallel	60° & Parallel Mix		382	108%	23	813	1,218	95%
4a-2			45° & Parallel Mix		378	107%			1,214	94%
4a-3			Mostly 30° *	30° & Parallel Mix	312	88%			1,148	89%
4a-4			Parallel		333	94%			1,169	91%



# What happens next...

- **Alternative Refinement**
  - Narrow to 2 or 3 alternatives
  - Identify improvements for:
    - **Short-term** (2022)
    - **Medium-term** (2024)
    - **Long-term** (TBD)
  - Examples: **parking, lighting, sidewalk & crosswalk** connections
  - Develop recommended **wayfinding signage** layouts
- **Cost Estimation** (Planning-Level)



# What happens next...

- **Final Report**
- **Present results** to:
  - Stakeholders
  - City Council
- City officials to decide on **preferred alternative**
- Procure **detailed design** contract(s)

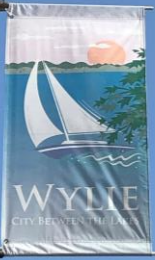




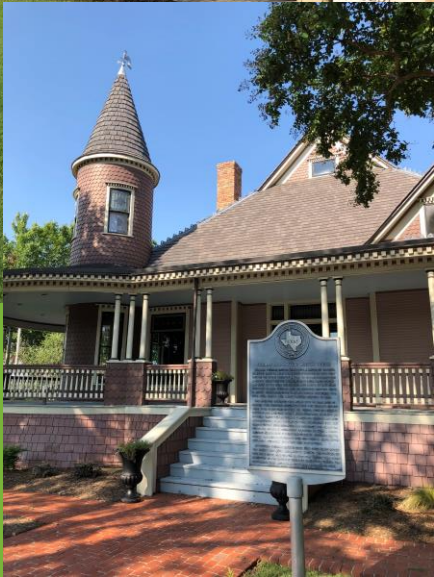


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# Thank You!



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