



BURR OAK AREA STORM SEWER IMPROVEMENT PROJECT

OPEN HOUSE
APRIL 14, 2022

PROJECT BACKGROUND & OVERVIEW



- Highest priority stormwater improvement project identified in City's 2019 Storm Water Masterplan Update
 - Addresses past / current significant flooding issues
- Increases existing storm sewer system capacities on Burr Oak Road, Thomas Place, Franklin Place, Alden Lane, and Western Avenue
- Includes installing a StormTrap detention vault under N.Western Avenue
- Investing in infrastructure and addressing stormwater needs
 - Partially funded by a \$2,750,000 grant from the Lake County Stormwater Management Commission (SMC) and the Illinois Department of Commerce and Economic Opportunity (DCEO)
 - Selected as one of I4 projects in a competitive grant process to receive SMC and DCEO grant funds
 - Total Project Cost \$5,361,515

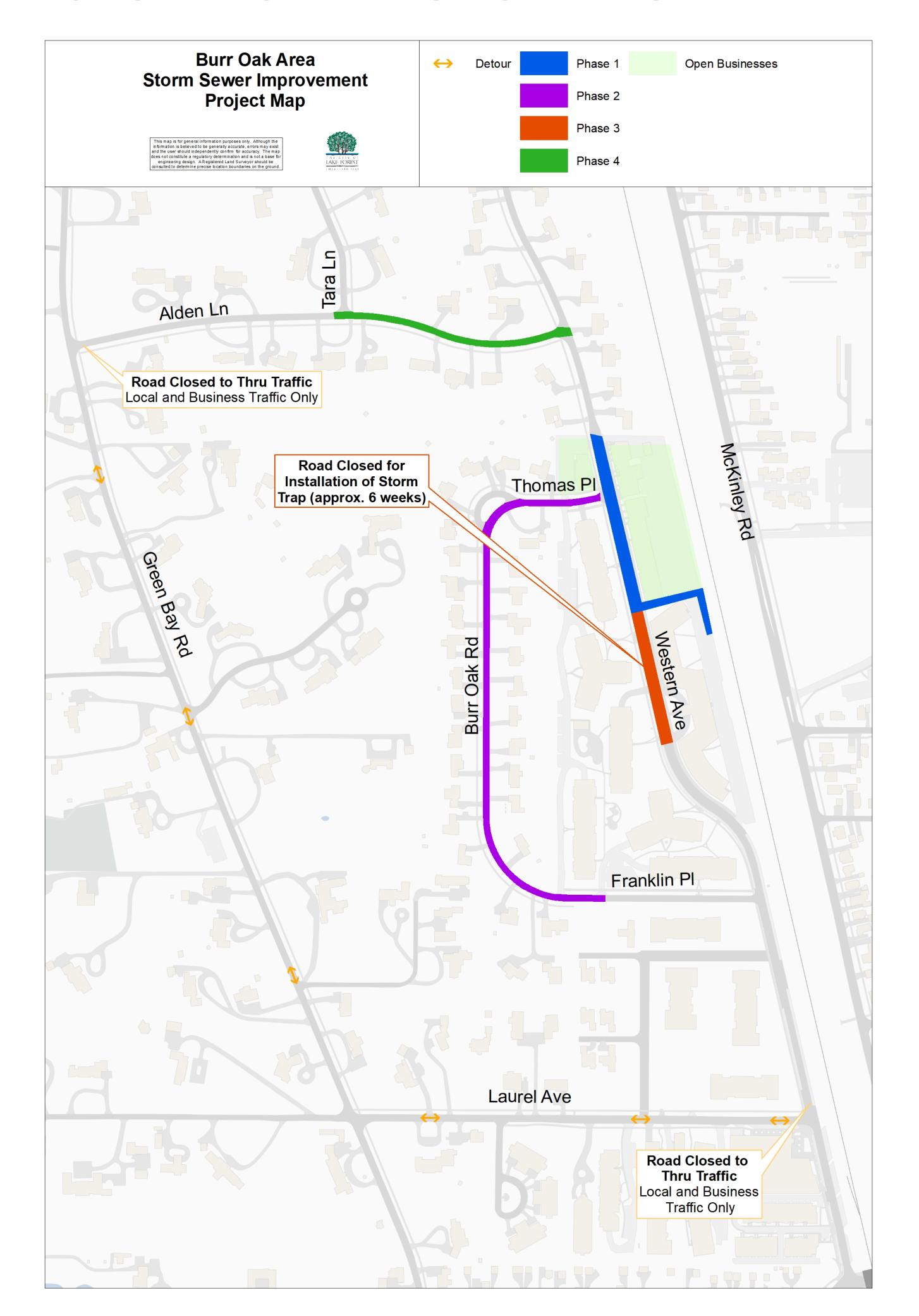






CONSTRUCTION IMPACTS





- Intermittent lane closures while storm sewer pipes are installed on:
 - N. Western Avenue and the alley south of 1339
 N. Western Avenue (Phase 1)
 - Thomas Place, Burr Oak Road and Franklin Place (Phase 2)
 - Alden Lane (Phase 4)
- A portion of N. Western Ave will be closed for approximately six weeks while the street is being excavated and the underground StormTrap is installed (Phase 3)
- Various parking impacts temporary parking spaces will be available during Phase 3
- General construction impacts, including increased noise, increased truck traffic, construction equipment, dust, etc.
- Working hours are Monday-Friday from 7 am-7 pm and if needed, Saturday-Sunday from 8 am-6 pm
- Dedicated communications during each major project phase

CONSTRUCTION SCHEDULE



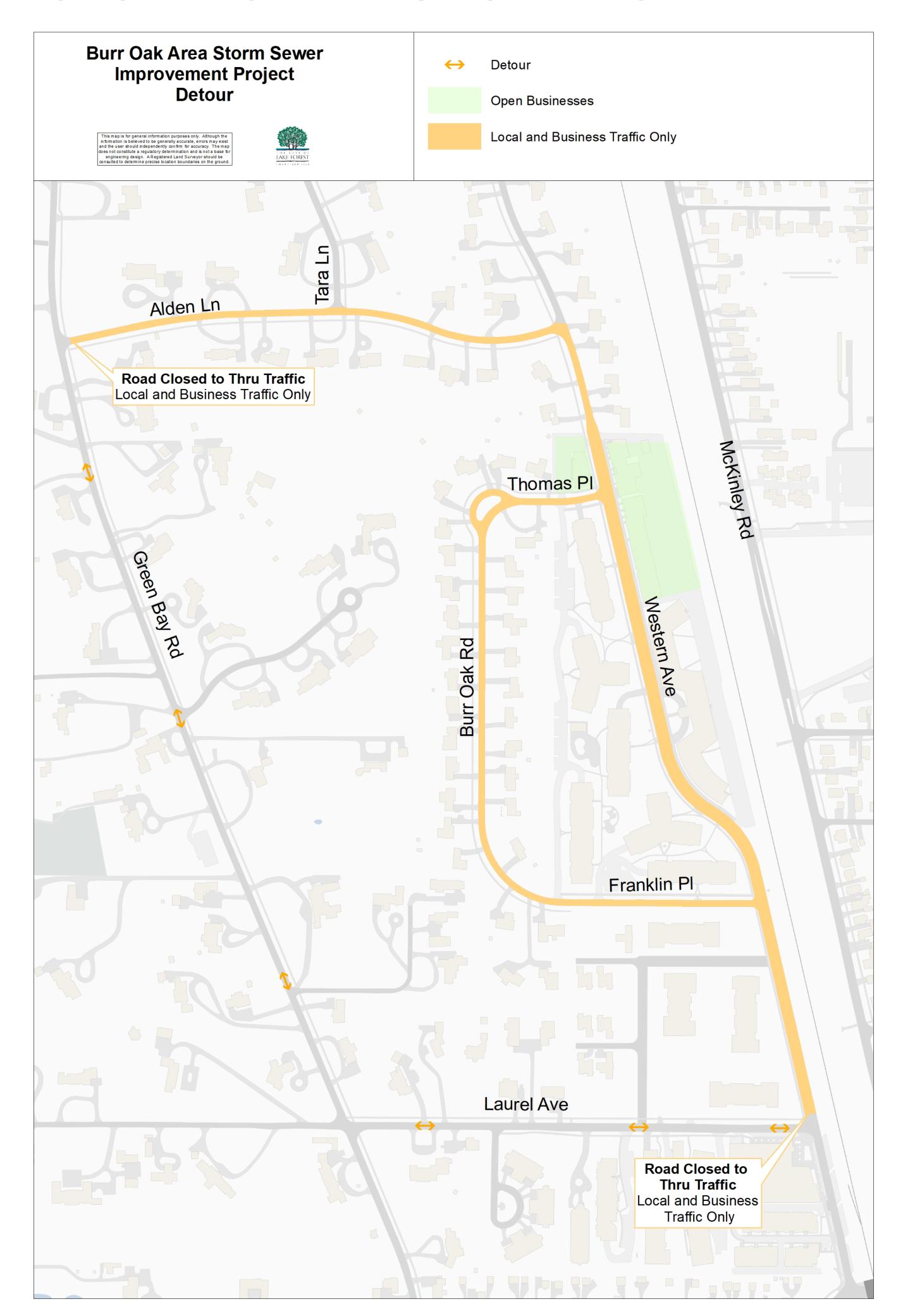
Burr Oak Area Storm Sewer Improvement Project Schedule

	May			June			July	August			eptembe	er	October		
Pre-Con Activities															
Phase I															
Phase 2															
Phase 3															
Phase 4															
Restoration															

- Week of May 2: Project mobilization (marking utility locations, staging equipment, saw cutting pavement, etc.)
- Week of May 9: Construction begins on Phase I
- Total construction expected to last approximately 5-6 months (weather permitting)

CONSTRUCTION DETOUR

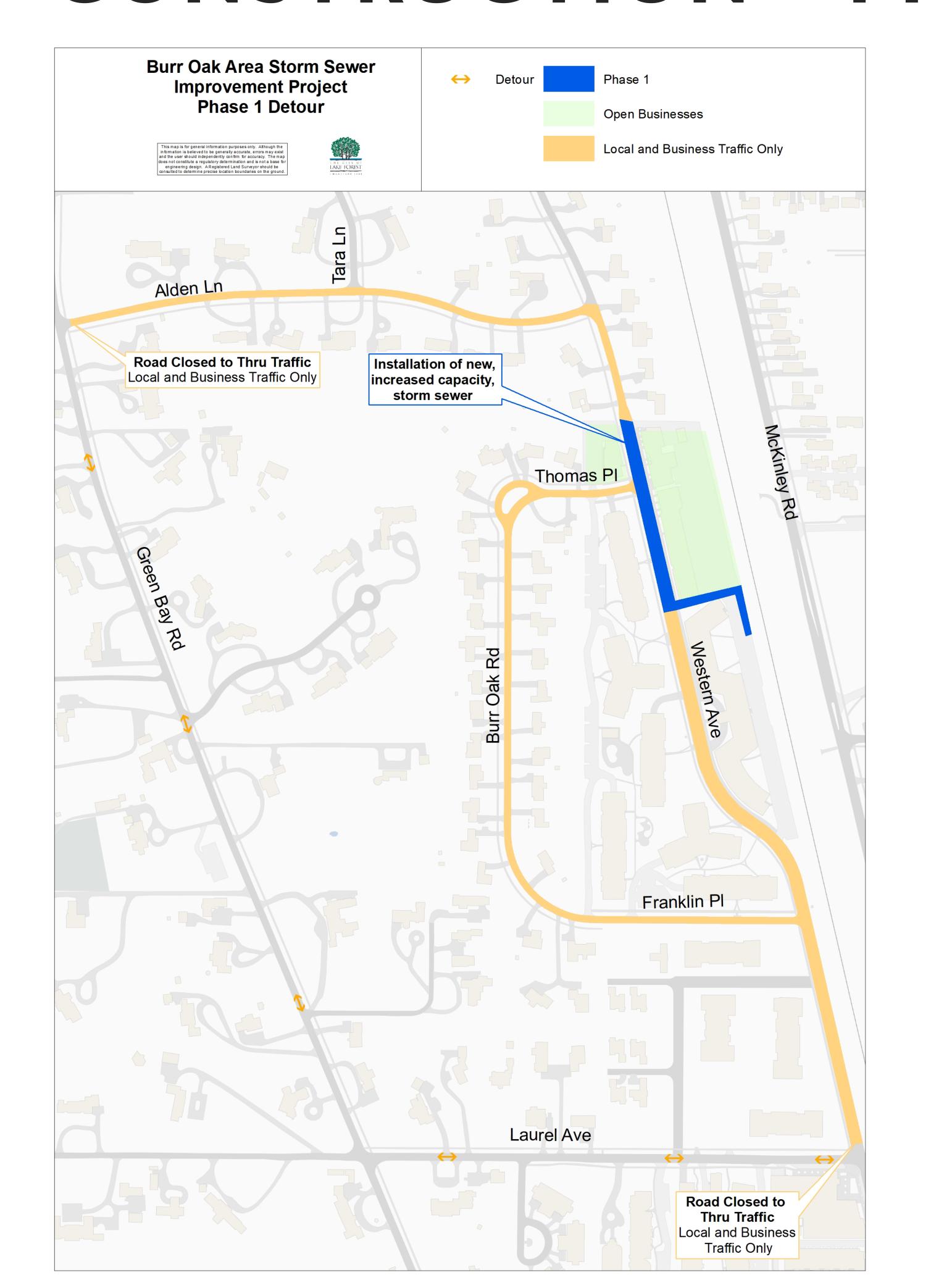




- Roads will be open to local and business traffic during most of the project, with the exception of when N. Western Avenue is closed for StormTrap installation (Phase 3)
- Roads in the project area will be closed to through traffic
- Through traffic detour is Laurel Avenue to Green Bay Road

CONSTRUCTION - PHASE I



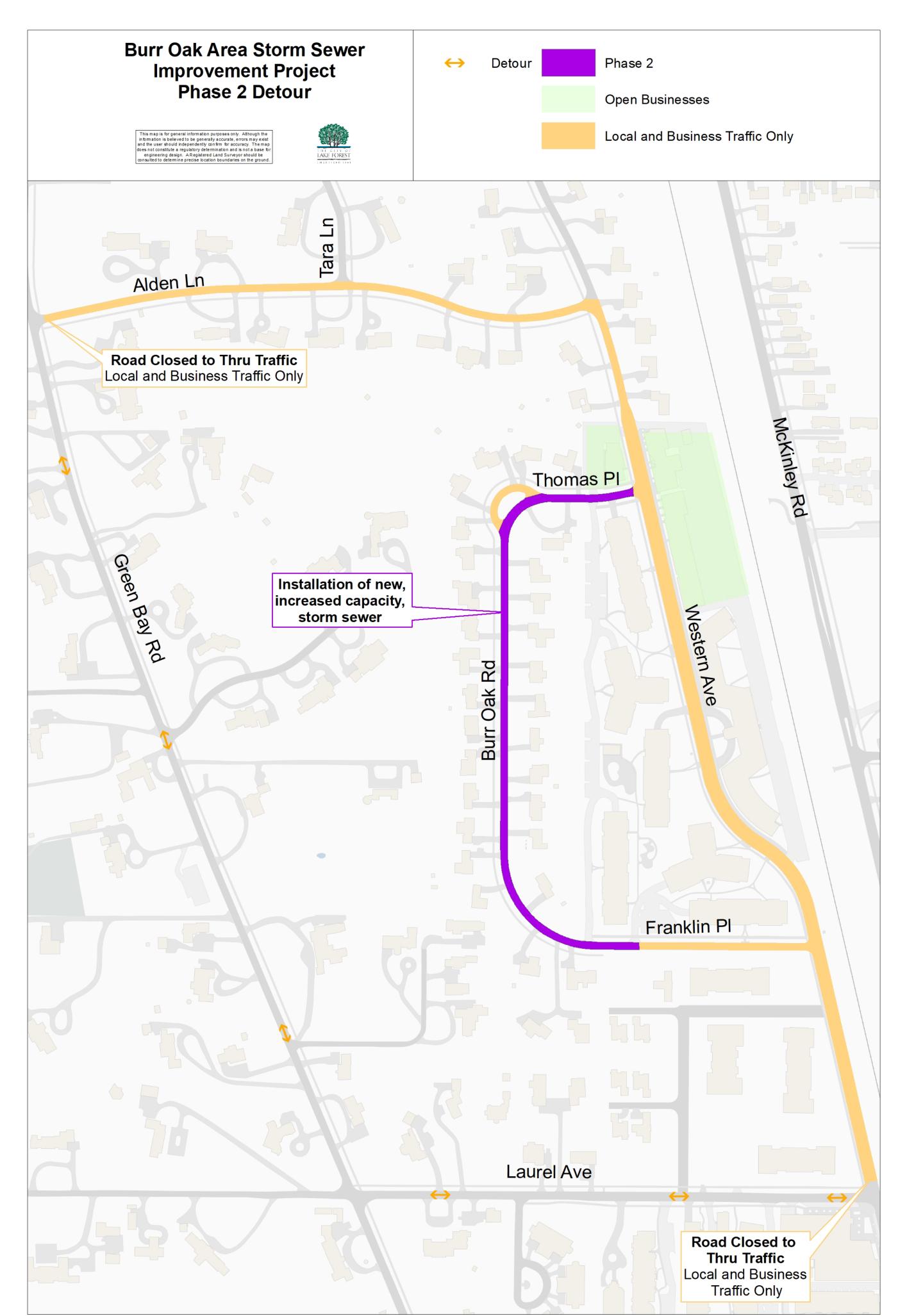


- Installation of new increased capacity storm sewer on N. Western Avenue between Alden Lane and alley adjacent to 1339 N. Western Avenue (Shaggy Dog)
- Intermittent one-lane closures in Phase I area
- Business access, sidewalks and parking will remain open
- All areas impacted by construction will be restored
- Estimated duration: 3 weeks (weather permitting)

	May			June			July			August				epteml	October			
Pre-Con Activities																		
Phase I																		
Phase 2																		
Phase 3																		
Phase 4																		
Restoration																		

CONSTRUCTION - PHASE 2



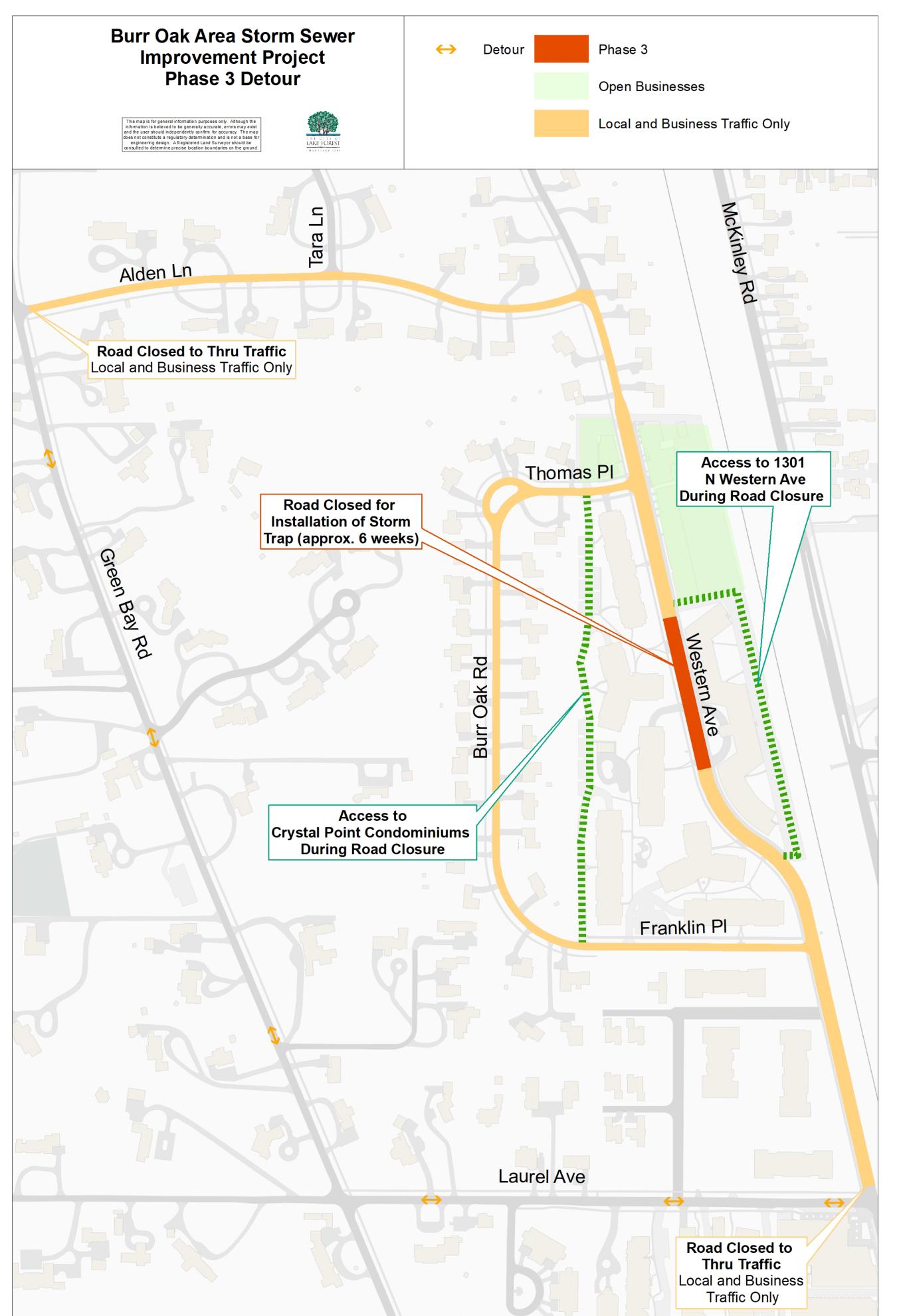


- Installation of new increased capacity storm sewer on Thomas Place, Burr Oak Road, and Franklin Place
- Intermittent one-lane closures in Phase 2 area
- All residential property and driveway access will be maintained
- Attention property owners on Thomas Place, Burr Oak Road, and Franklin Place:
 - Property owners have the option to connect their private drainage system to the City's storm sewer system. Please reach out to the City for the contractor's cost to connect your private storm sewer to the City's system in conjunction with the project. To learn more, please contact Engineering Assistant Bernard Pondexter at 847.810.3556 or pondextb@cityoflakeforest.com.
- All areas impacted by construction will be restored
- Estimated duration: 7 weeks (weather permitting)

	May			June			July				August			September				October		
Pre-Con Activities																				
Phase I																				
Phase 2																				
Phase 3																				
Phase 4																				
Restoration																				

CONSTRUCTION - PHASE 3





- Installation of StormTrap detention vault under N.
 Western Avenue between 1339 N. Western Avenue (Shaggy Dog) to 1301 N. Western Avenue Front Entrance (south side)
- N. Western Avenue to be closed to all traffic at the StormTrap installation location; local traffic and business traffic to remain open via Laurel Avenue, Green Bay Road, and Alden Lane
- Crystal Point Condominium residents to maintain access via back alley
- 1301 N Western Ave residents to maintain access via back alley
- City staff will be in constant communication with property management
- All areas impacted by construction will be restored
- Estimated duration: 6 weeks (weather permitting)

	May	June			July			August			September				October		
Pre-Con Activities																	
Phase I																	
Phase 2																	
Phase 3																	
Phase 4																	
Restoration																	

STORMTRAP® UNDERGROUND DETENTION

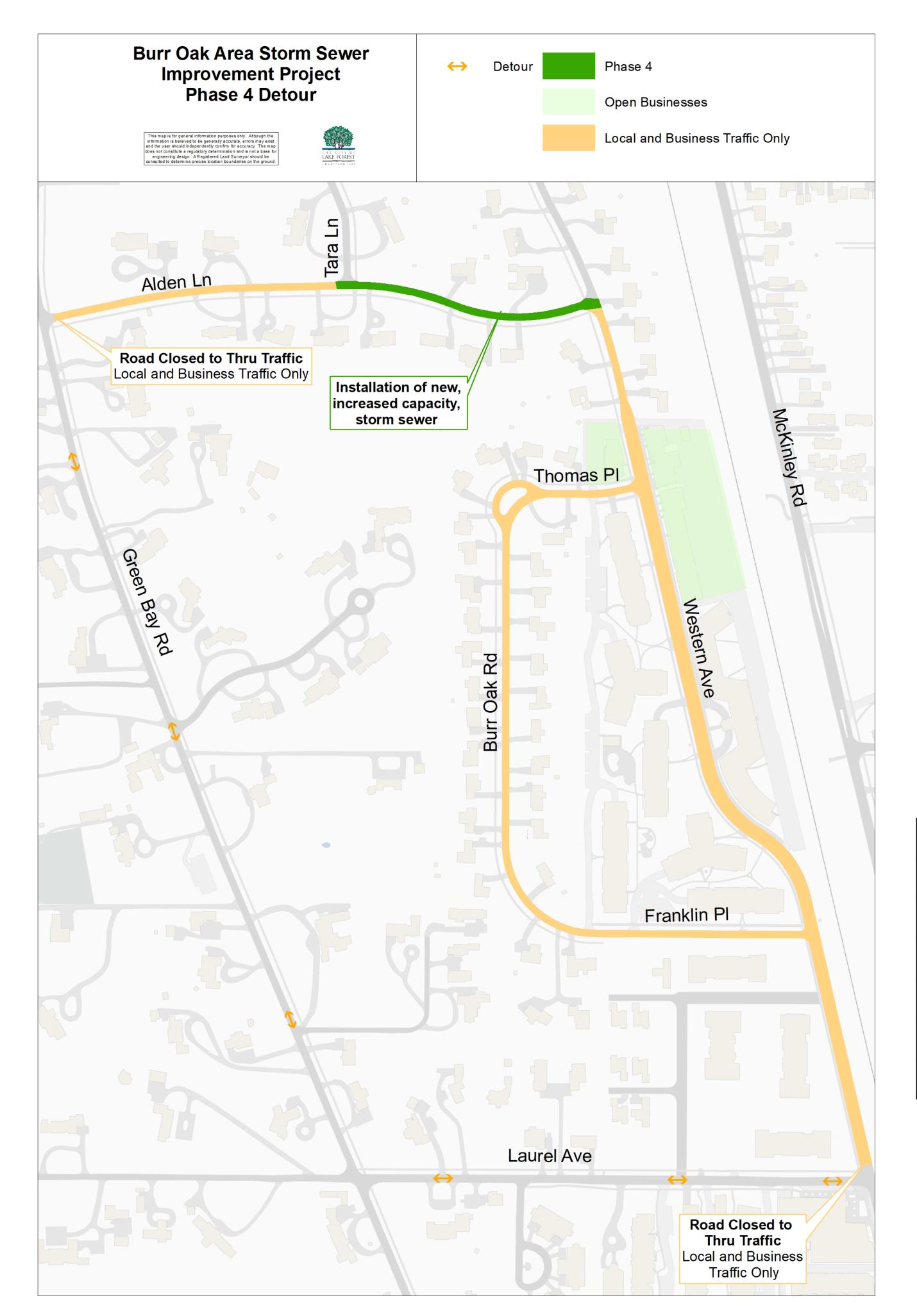




- StormTrap to be installed under N. Western Avenue (Phase 3)
- Holds up to 847,200 gallons of stormwater during peak flows
- Improves overall water quality of the stormwater by allowing sediment removal
- During heavier rainfalls, City staff can manage the StormTrap's stormwater discharge to lessen impact on the ravine

CONSTRUCTION - PHASE 4





- Installation of new increased capacity storm sewer on Alden Lane
- Intermittent one-lane closures in Phase 4 area
- All residential property and driveway access will be maintained
- All areas impacted by construction will be restored
- Estimated duration: 2 weeks (weather permitting)

	May		June			Ju	ly		Aug	gust	September					October		
Pre-Con Activities																		
Phase I																		
Phase 2																		
Phase 3																		
Phase 4																		
Restoration																		

STAY INFORMED



Stay in the loop with what's happening during construction:

- Visit the project webpage: cityoflakeforest.com/BurrOak
 - Sign up for eNotify text and email alerts on the project webpage
- Grab a weekly construction update flyer posted on signs in the project area
- Subscribe to the **City's weekly eNews:** cityoflakeforest.com/eNews
- Follow @LakeForestPublicWorks on Facebook and @CityofLakeForestIL on Instagram
- Check your mailbox for occasional project update letters
- Watch for signs in the project area

Questions or concerns?

Connect with Engineering Assistant Bernard Pondexter at 847.810.3556 or pondextb@cityoflakeforest.com



SCAN HERE

to view project webpage

CONSTRUCTION CLOSEOUT



- Following the final phase of construction, all areas impacted by construction will be restored
 - Estimated duration: 6 weeks
 - Includes lane narrowing on N. Western Avenue just north of Franklin Place, street resurfacing, spot sidewalk repairs and landscape restoration
- DiMeo Brothers is the Project Construction Contractor
 - Local contracting firm with significant storm sewer / StormTrap construction installation experience
 - City Project Contact: Engineering Assistant Bernard Pondexter, 847.810.3556 and pondextb@cityoflakeforest.com

Tremendous thanks to...

- Lake County Stormwater Management Commission (SMC) and the Illinois Department of Commerce and Economic Opportunity (DCEO) for awarding \$2,750,000 to the City to support the project
- Illinois State Representative Bob Morgan and Illinois State Senator Julie Morrison for their support through the grant process
- DiMeo Brothers for their commitment to this project
- All the impacted neighbors, property owners, and business owners
- All Lake Forest residents and visitors