



HAMPTON TERRACE NEIGHBORHOOD RESURFACING AND TRAFFIC CALMING

Cal Hardie, P.E., Capital Projects Engineer
City of Tampa Transportation and Stormwater Services Dept.



MEETING FORMAT



- Sign In Sheet/Comment Forms
- Presentation
 - Project Team
 - Resurfacing Information
 - Traffic Calming Information
- Question and Answers
- Traffic Calming Workshop



PROJECT TEAM



Transportation and Stormwater Services Transportation Division

- Jean Duncan, P.E., Director
- Cal Hardie, P.E., Capital Projects Manager
- Jorge Uy, P.E., City Pavement Management Engineer
- Danni Jorgenson, Chief Planning Engineer
- William Porth, Traffic Investigations Supervisor

Natural Resources

- Coordinate tree issues

Contract Administration

- Coordinate construction

Cardno Engineering

- Jason Yam, PE - Project Manager
- Jeremy Runkle, PE - Deputy Project Manager
- Susan Joel, PE, PTOE - Traffic & Safety Engineer
- Daniel Shockey, PE - Project Engineer/Designer



Construction Contractor

- City-wide Contractor TBD



WHAT IS THIS PROJECT?



What it is...

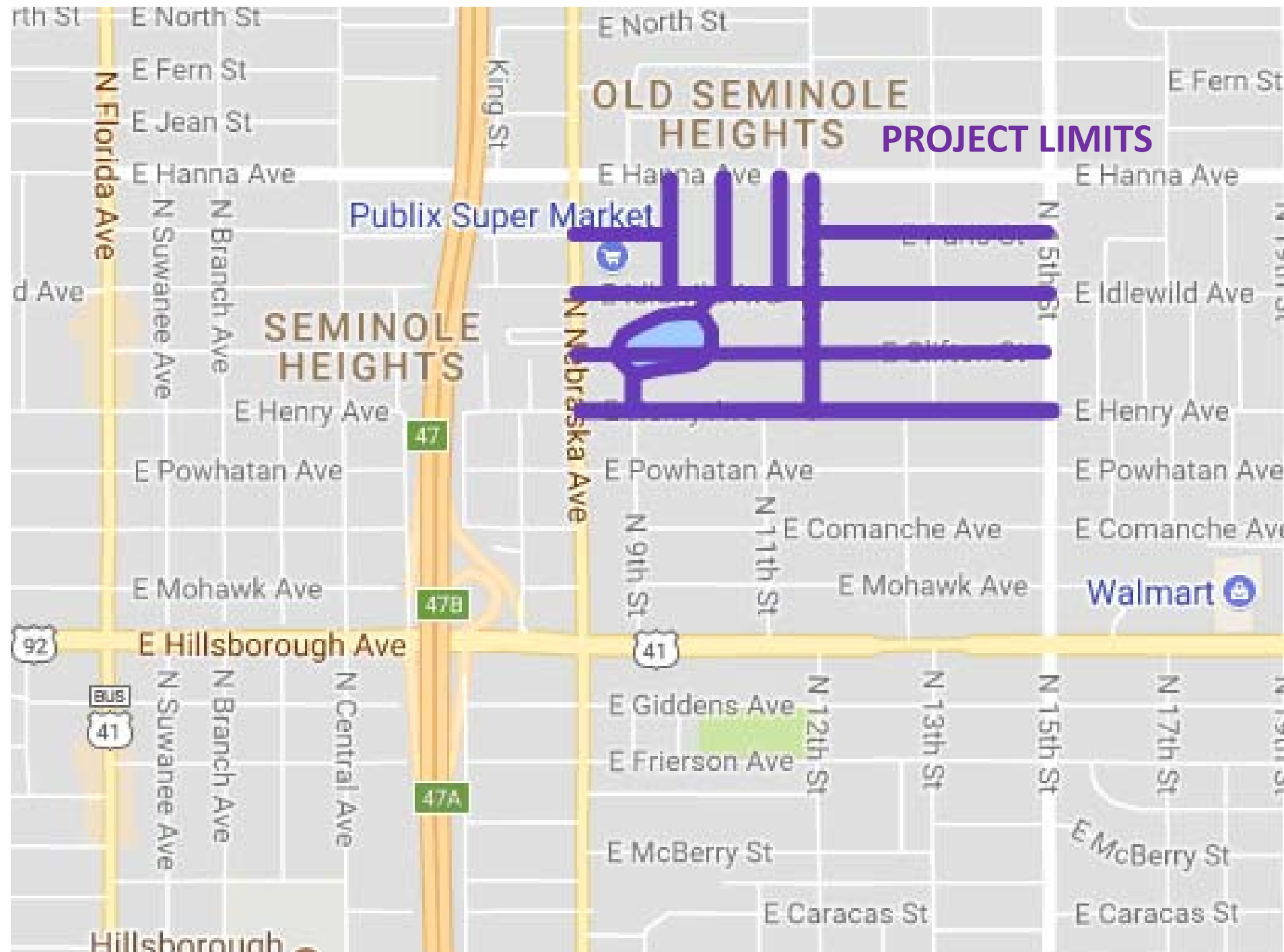
- This is a resurfacing project to restore and rebuild the City roadways.
- This project will restore drainage conditions and minimize ponding along the roadways.
- Install traffic calming to improve safety.

What it isn't...

- This is not a project to install sidewalks or boardwalks in Hampton Terrace.
 - Some curb ramps will be rebuilt to meet ADA Standards.
 - Some driveway aprons may be re-constructed.
- This is not a project to install curb in Hampton Terrace.
- This is not related to the stormwater project for Lake Roberta.

RESURFACING PHASE

RESURFACING PHASE



HAMPTON TERRACE NEIGHBORHOOD RESURFACING

- Existing Conditions
 - Alligator cracking
 - Failing asphaltic and brick streets previously overlaid with asphalt
 - Granite curbs
 - Ponding
 - Pothole patching
- Preliminary Project Construction Cost: \$1.4 Million

CONSTRUCTION EXPECTATIONS



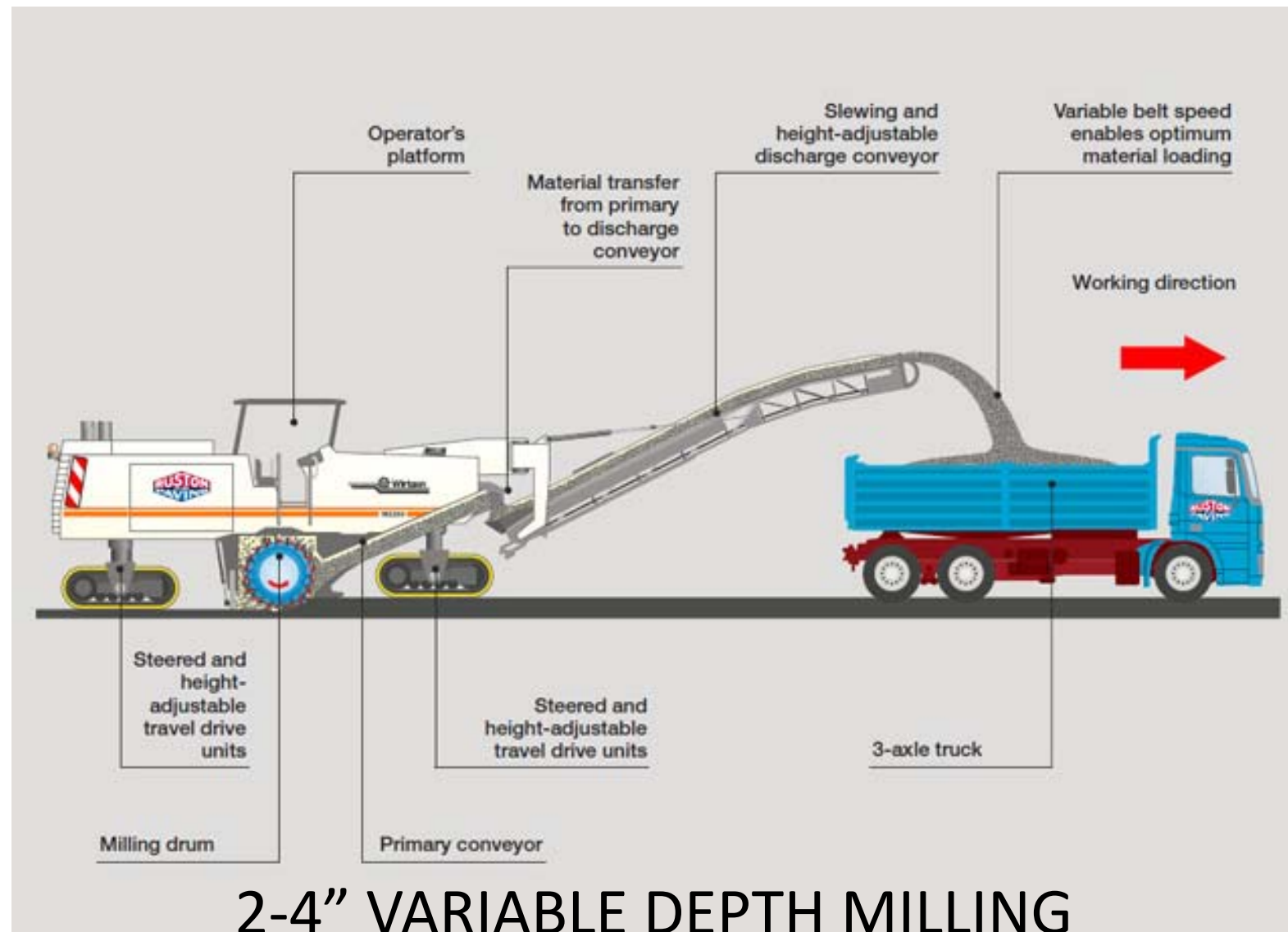
Equipment

- Milling machine & rollers - Loud and minor ground vibrations
- Dump Trucks - Back up beeping, Diesel Engines, tail gates bangs
- Back hoe & front end loaders - Back up beeping, Diesel Engines
- Concrete trucks - Engine noise and backup beepers
- Paving machine - Diesel engine and smell of new asphalt
- Sweeper – Dust
- Vac-Truck - Vacuum noise

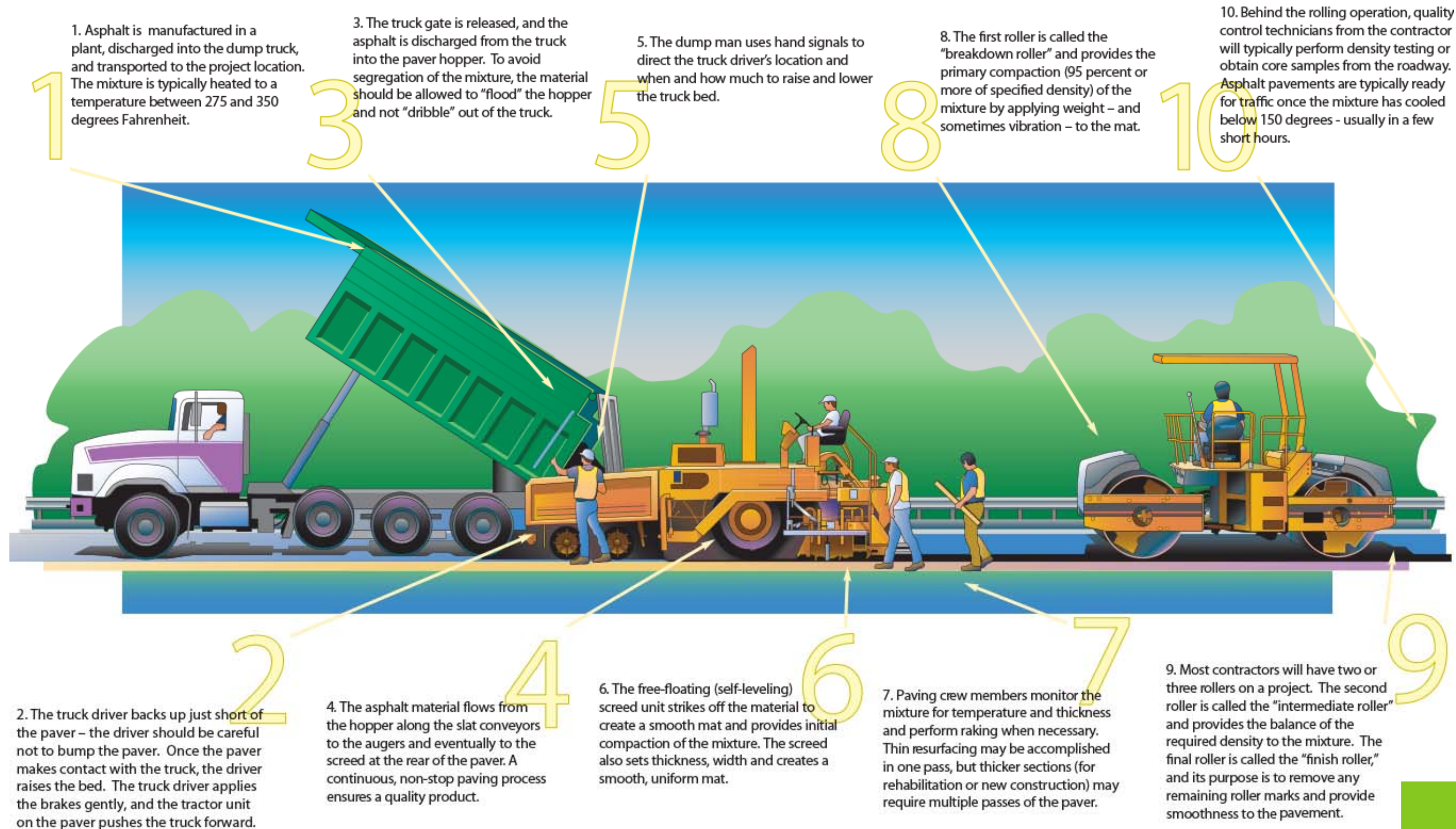
Workers

- Milling and Cleaning - 7-10 people
- Paving operation - 15-20 people
- Arborist pavement removal - 2-4 people
- Concrete driveways and pedestrian ramps - 4-6 people
- Overnight Parking of Pavement Equipment in right-of-way

MILLING EQUIPMENT



“PAVING TRAIN”

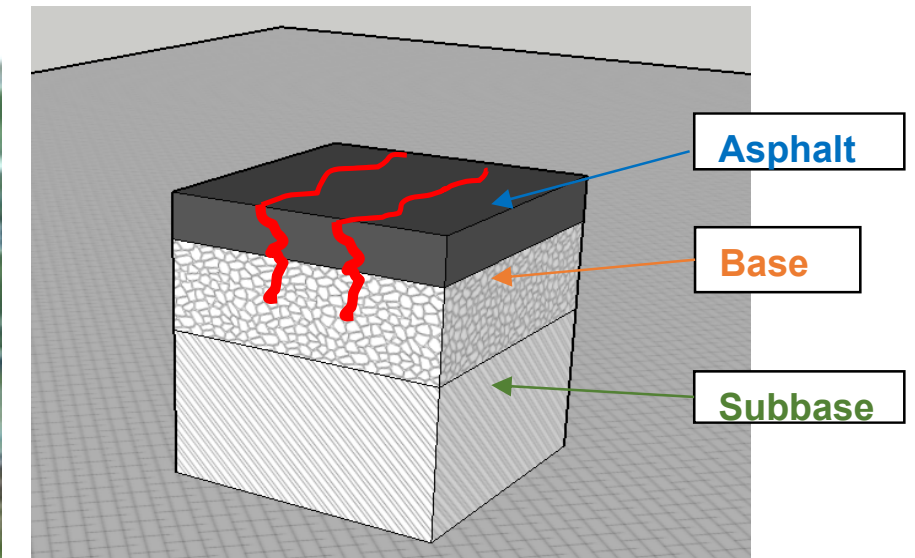


- Expect 1 to 2 weeks for your street.
 - Tree streets take longer and may have more dust.
- Door hangers will be placed in advance of construction.
 - Please do not park in the street during construction.
- Emergency vehicle access, mail delivery services, and trash pickup access will be maintained during construction.
- Some driveway aprons will need to be reconstructed.
 - You will be notified ahead of driveway closure.
 - You may not have access to your driveway for 1 to 3 days while the apron is being constructed or the concrete is curing.

EXISTING CONDITIONS

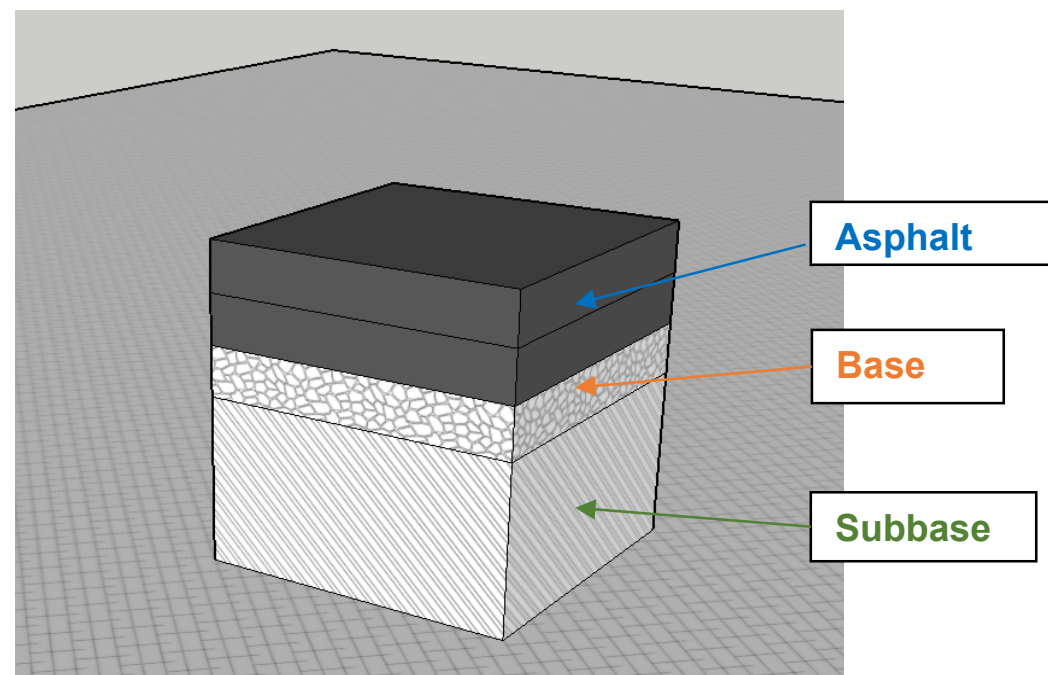
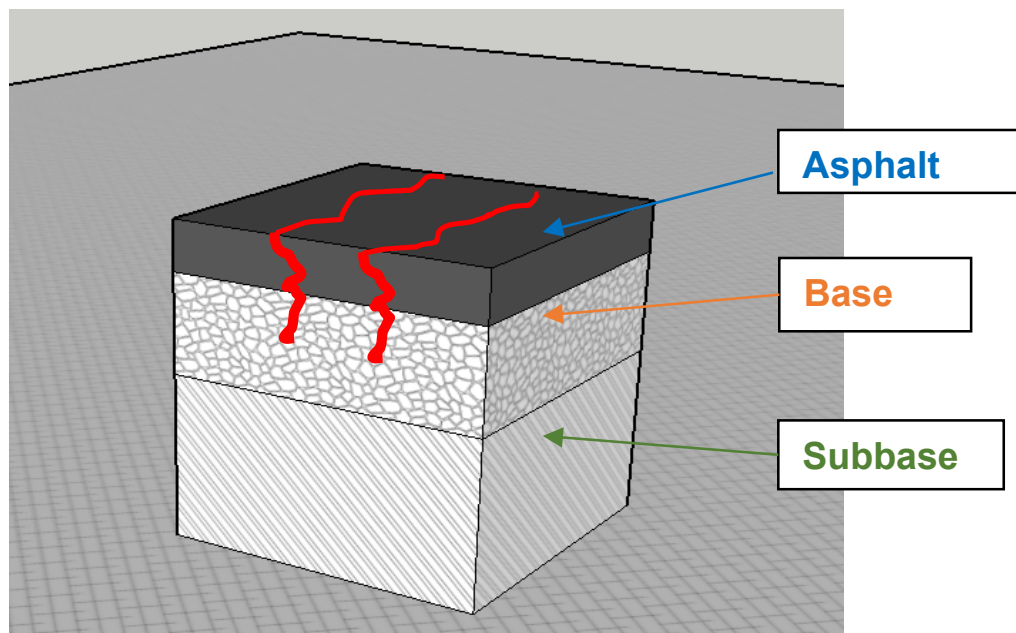


E Henry Ave/ N 12th St



- Ponding
- Tree uplifting curb
- Multiple Pavement Failures:
 - Potholes/patches
 - Rutting
 - Ravelling

REMEDIATION STRATEGY



- Existing failures extend into the base.
- A simple mill and overlay (1") would not solve the issue.
- So we would do a deeper mill (3"-4.5") to get below the failure, and replace with new asphalt.
- To solve drainage issues, we will establish new grades at the edges to make sure that the roadway drains.
- To accommodate the new grades, curb and driveway aprons may need to be rebuilt.

CONSTRUCTION AROUND TREES



- Right now, we do not know if trees will need to be removed.
- During construction, we have a Certified Arborist on board at all times.
- The construction methods change around trees.
 - Asphalt is removed in a way that causes less potential damage to the tree roots
 - Roots are excavated, evaluated and pruned by a certified arborist.
 - After the arborist gives the all clear, asphalt is overlaid.
- In a recent project, using the CARE method, the City limited tree removal to 6 trees out of 240 conflicting trees.



Customizable Asphalt Removal and Evaluation

DESIGN PHASE

- Plans will be finalized by the end of this year
- The City will post the final concepts on the project website, and notify all meeting participants, the neighborhood association, and any other civic association.

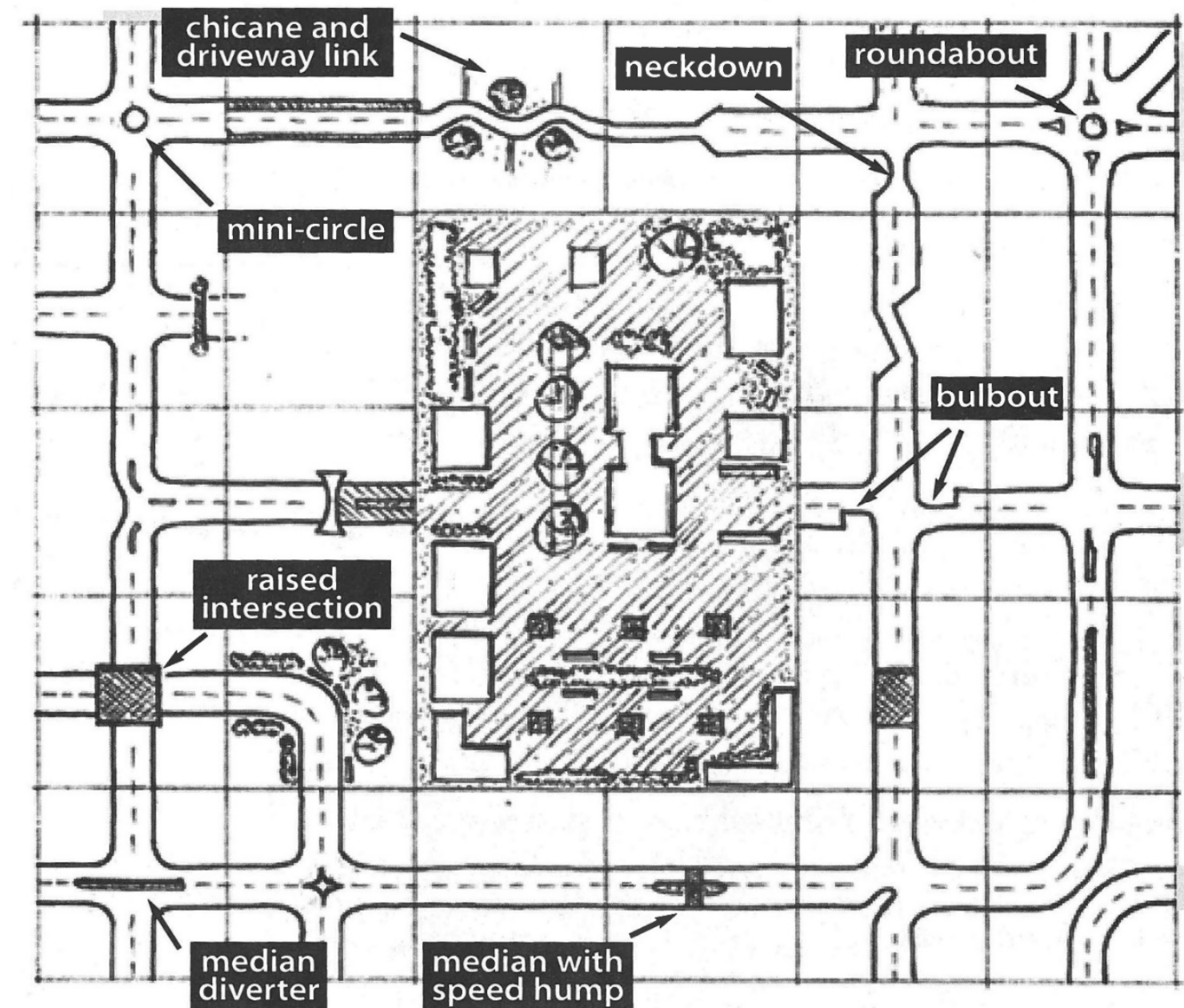
CONSTRUCTION PHASE

- Construction will be handled by the City-wide Contractor.
- Currently, the City is still in the bid process for this contractor.
- The project website will be updated with the construction schedule once it is known.
- The City will also notify all meeting participants, the neighborhood association, and any other civic association.

TRAFFIC CALMING PHASE

WHAT IS TRAFFIC CALMING?

- Physical measures to reduce speeding and accidents
- Focus on local roads that have speeding/cut-through problems
- Create livable communities with:
 - Improved safety
 - Increased access and mobility
 - Better quality of life
 - A sense of place
- Neighborhood based solutions
 - Local roads
- Implemented during maintenance projects



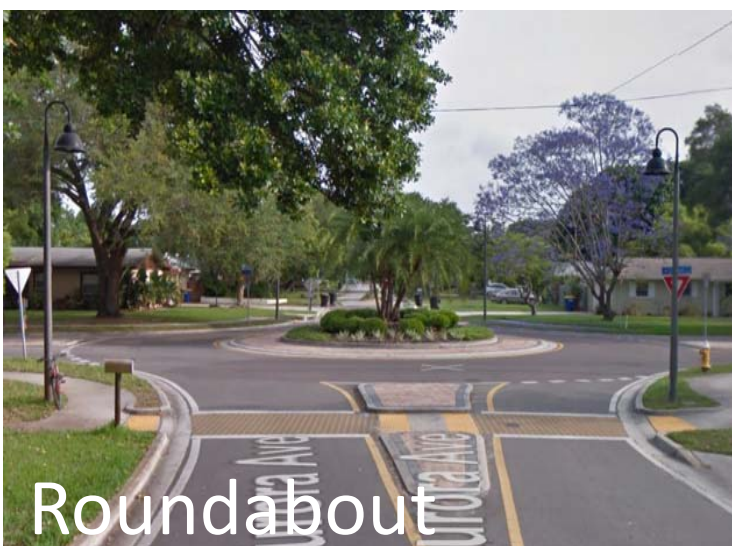
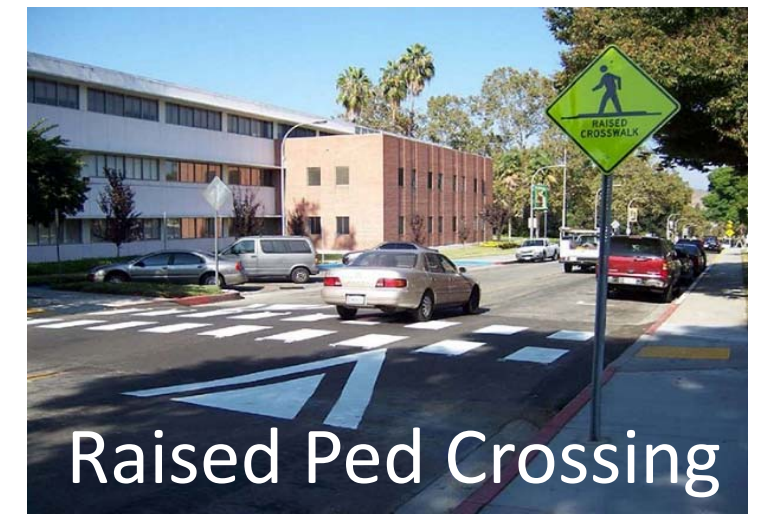
NEIGHBORHOOD INPUT

- Please remember that although some residents have been advocating for traffic calming, others may not want it
- There are trade-offs/conflicts that need to be considered
 - Inconvenience
 - Removal of on-street parking
 - Not in my front yard
 - Aesthetics
 - Measures may not be landscaped
 - Extra signage
 - Emergency vehicles



TRAFFIC CALMING TOOLBOX

There are many traffic calming tools in the toolbox the City can utilize:



TRAFFIC CALMING TOOLBOX

And some that the City does not. No speed humps, bumps, or tables. No measures that close or divert traffic **X** :



X Median Diverters



X Road Closure/Diverters



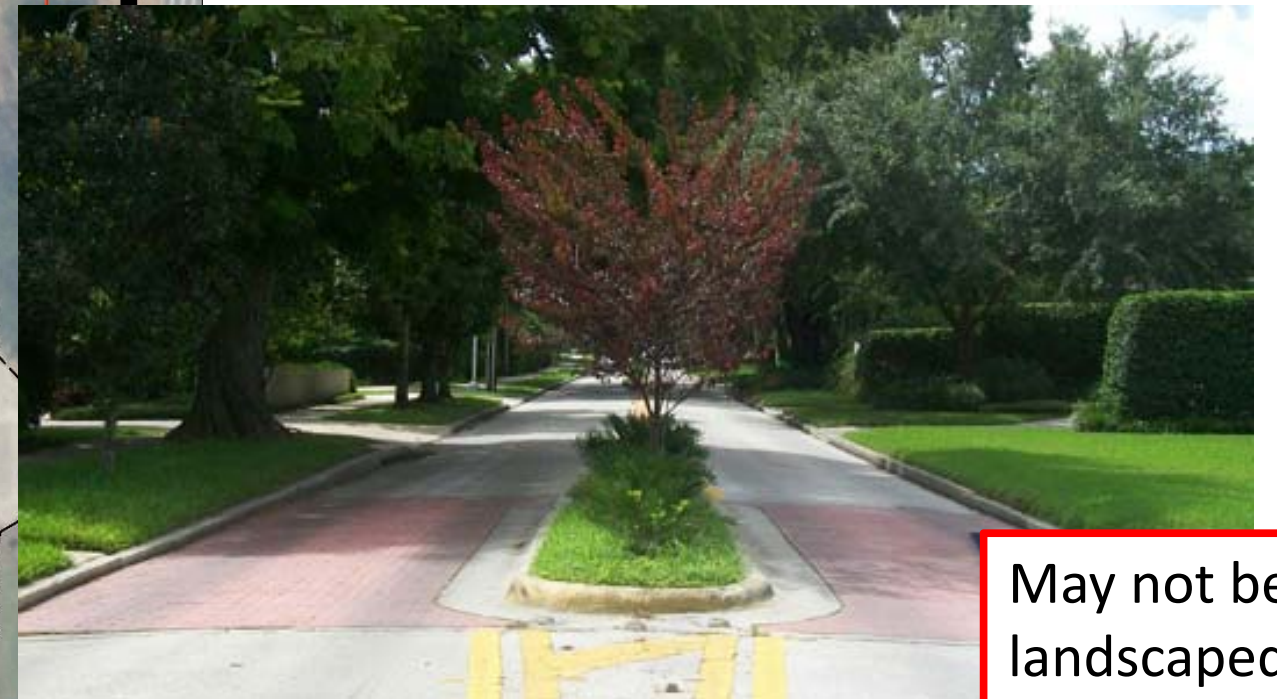
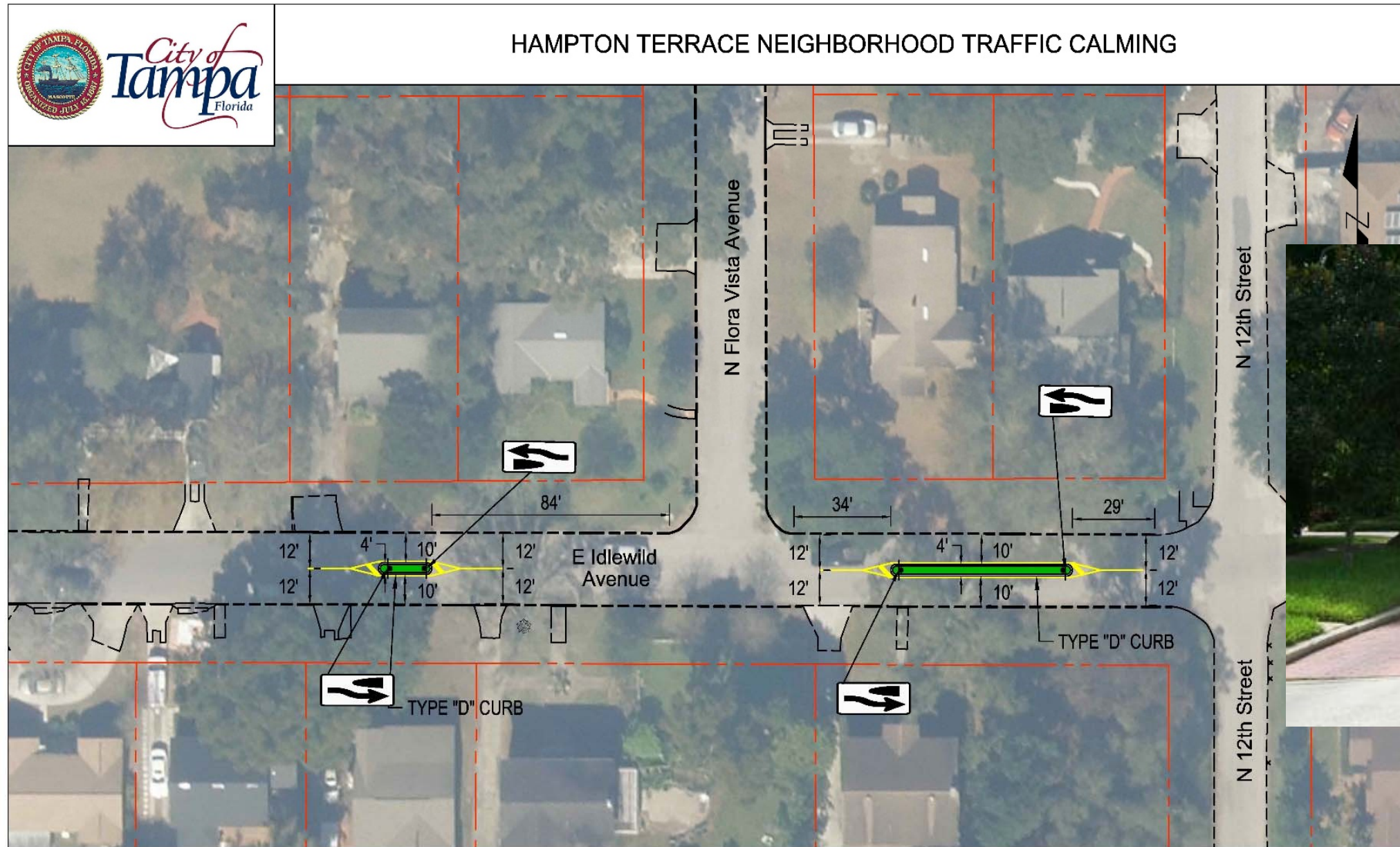
X Speed Table

HAMPTON TERRACE

- First traffic calming project to be completed under our Neighborhood Traffic Calming program.
- The City has received many requests to provide traffic calming in the neighborhood.
- This project will focus on traffic calming within the project limits only.
- Idlewild Ave. has a high volume of cut-through traffic due to the Publix.

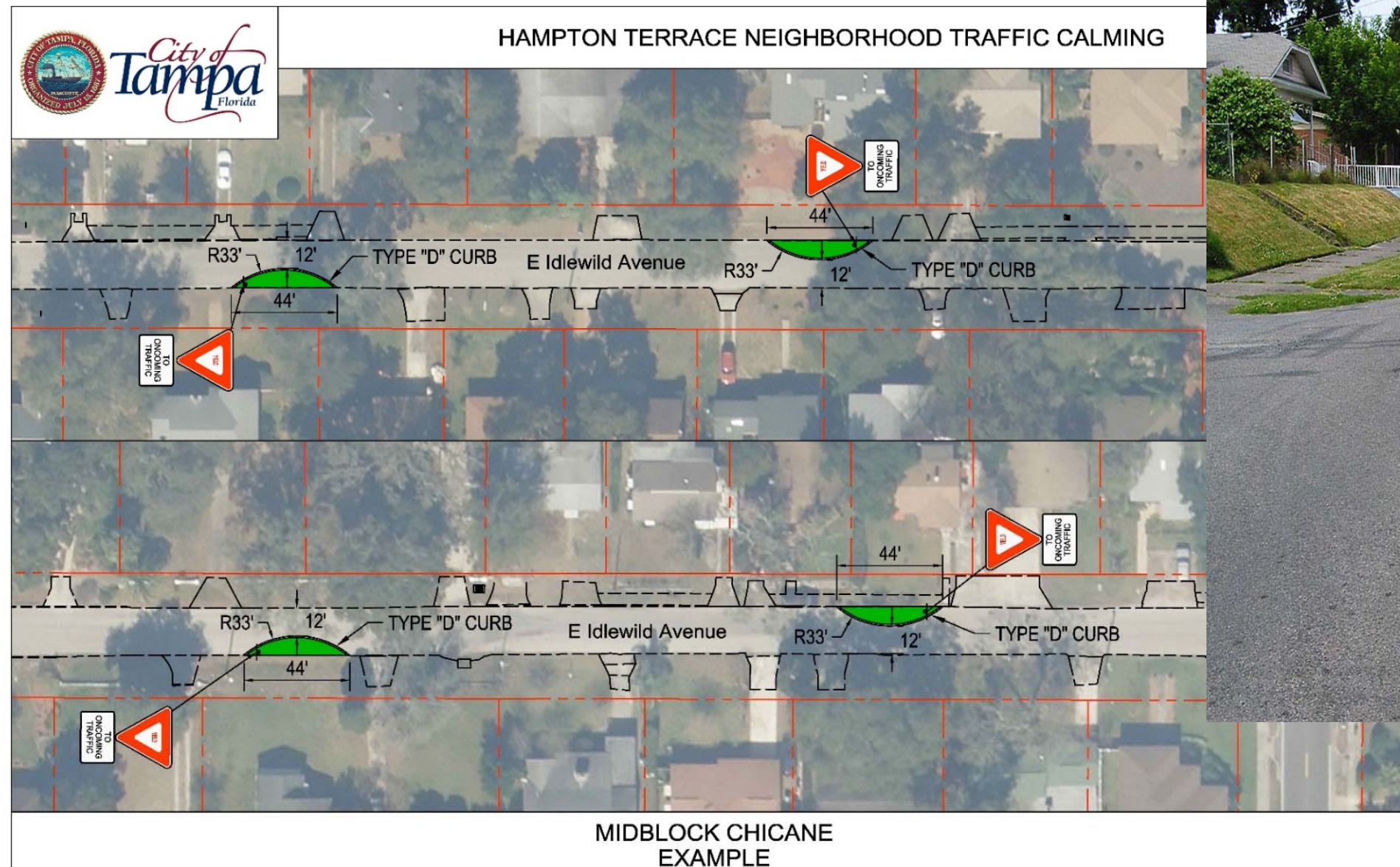


IDLEWILD— MEDIAN ISLANDS



May not be
landscaped

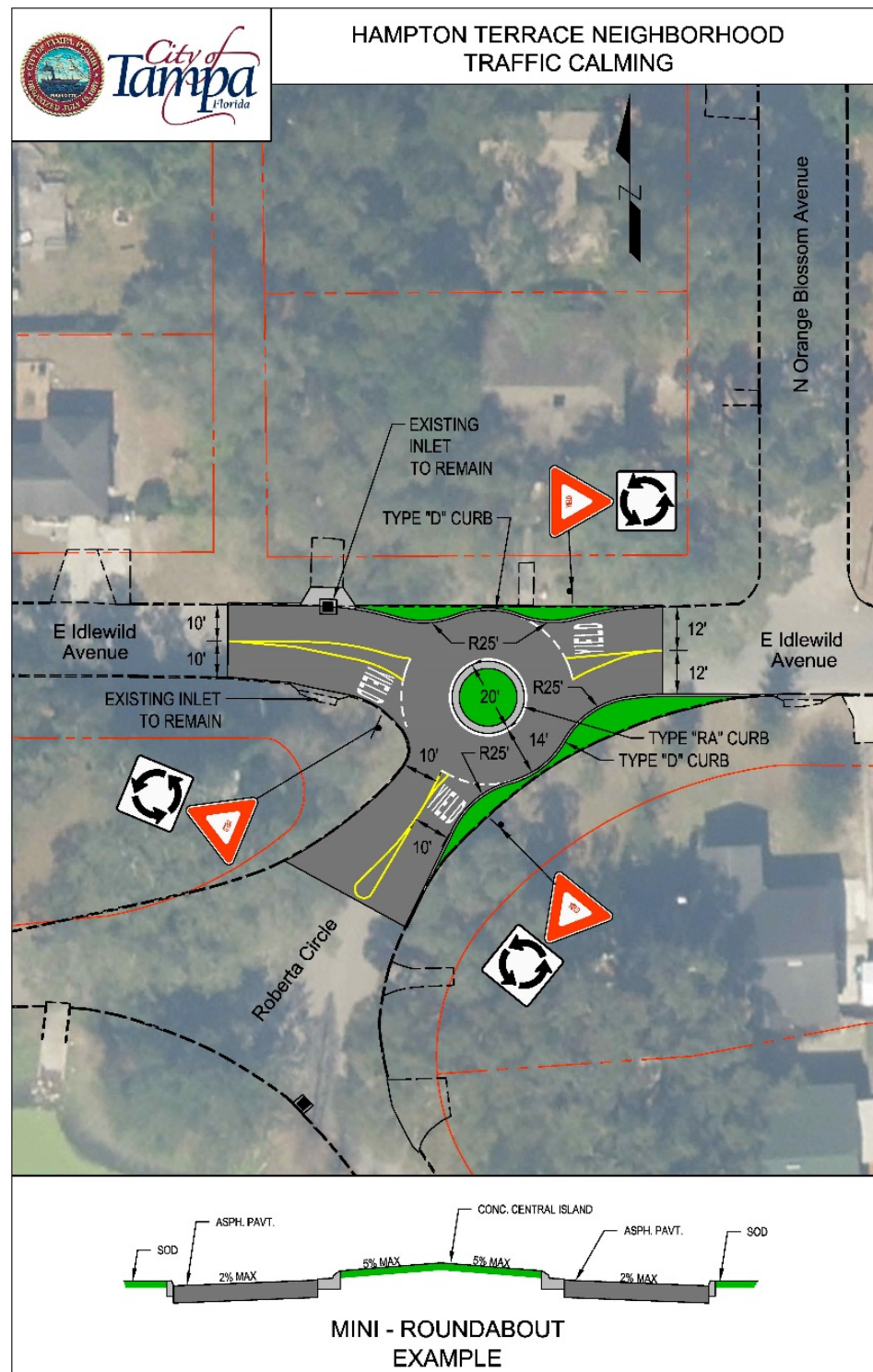
IDLEWILD – MID BLOCK CHICANES



IDLEWILD – RAISED INTERSECTION



IDLEWILD – MINI ROUNDABOUT

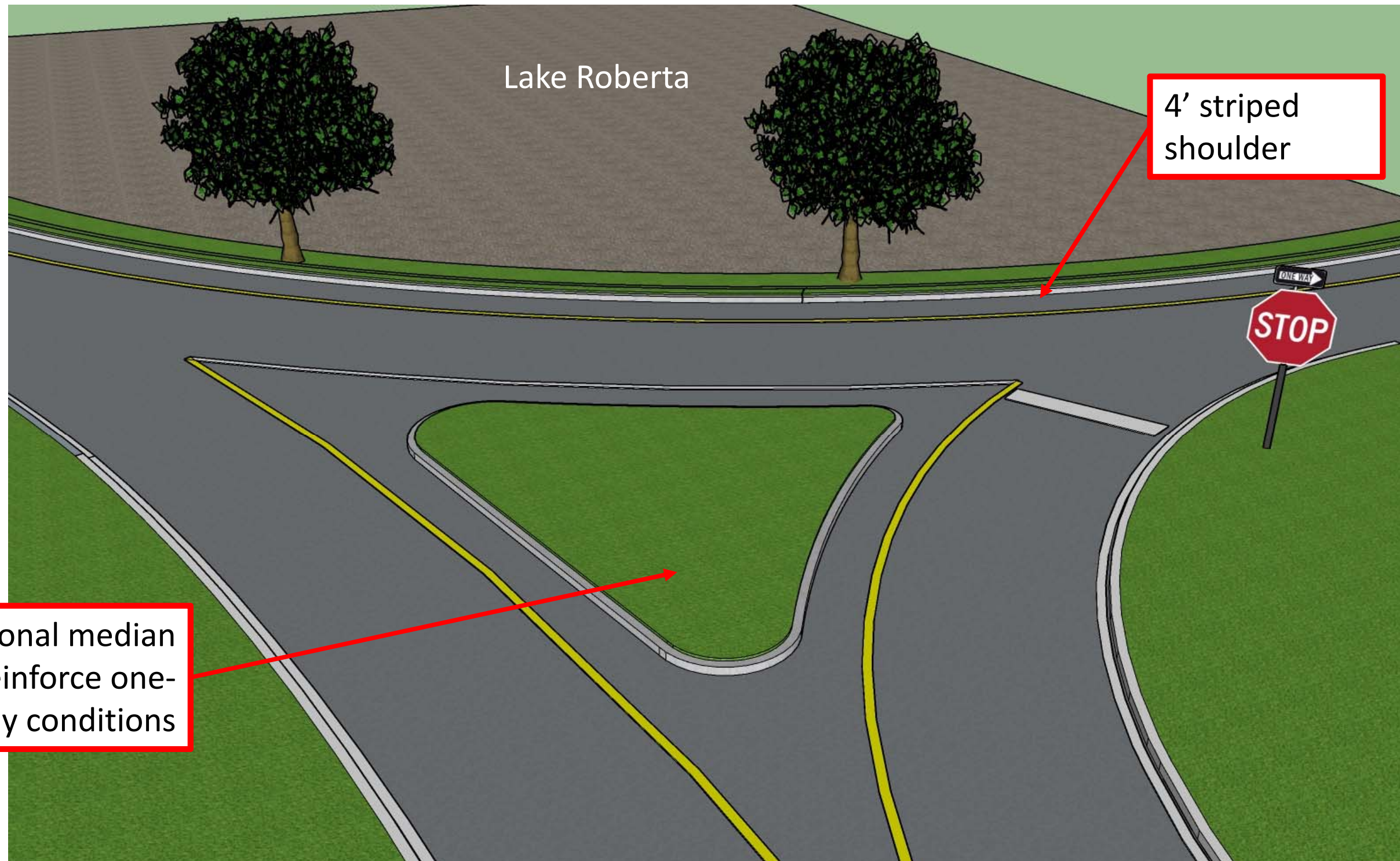


X This has been ruled out due to the vertical deflection of Roberta Circle

ROBERTA CIRCLE- EXISTING



ROBERTA CIRCLE- CONCEPT



Project Website:

[https://www.tampagov.net/tss-transportation/info/projects/hampton terrace resurfacing](https://www.tampagov.net/tss-transportation/info/projects/hampton_terrace_resurfacing)

FHWA Traffic Calming:

[https://safety.fhwa.dot.gov/speedmgt/ePrimer modules/module3pt2.cfm](https://safety.fhwa.dot.gov/speedmgt/ePrimer_modules/module3pt2.cfm)

QUESTIONS?

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TRAFFIC CALMING WORKSHOP