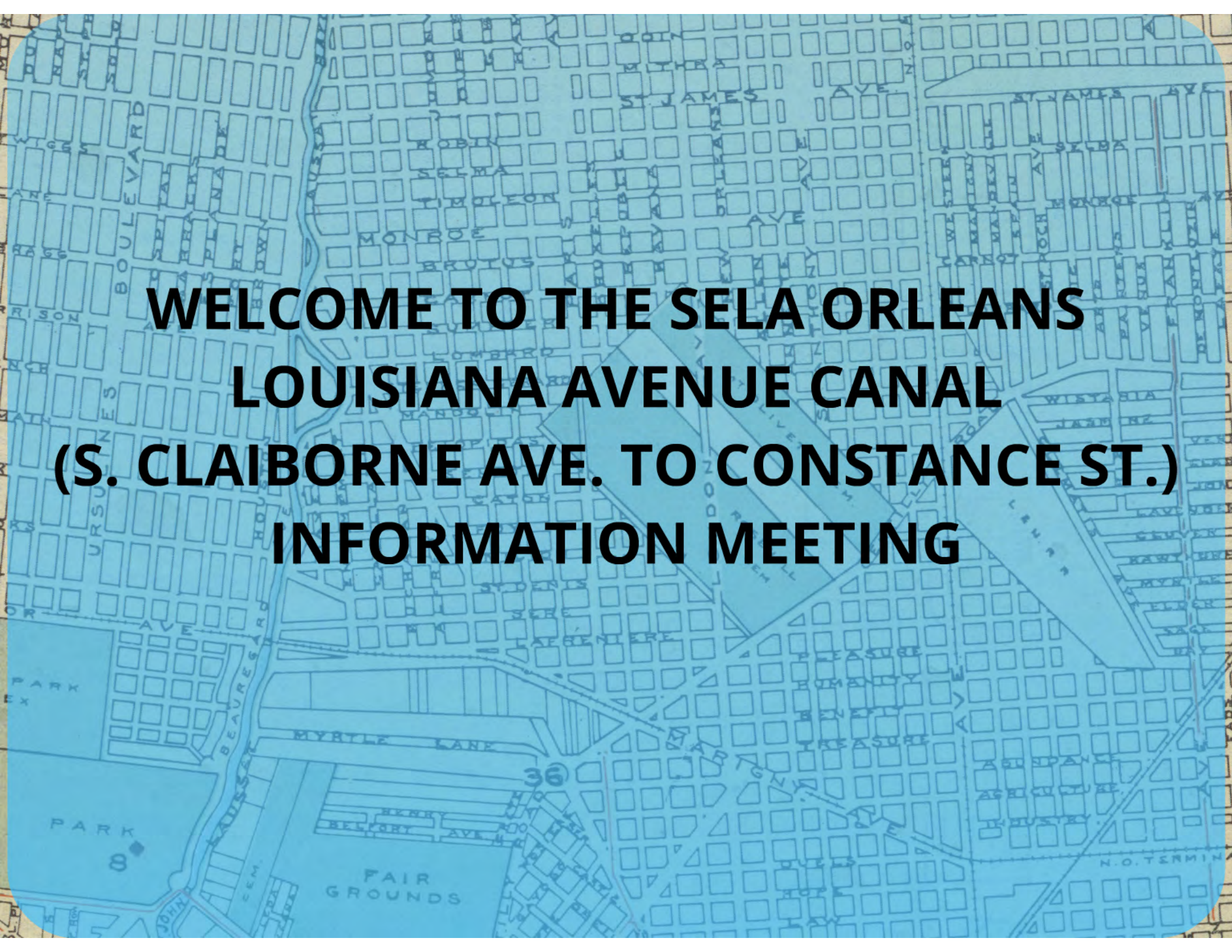
WELCOME TO THE SELA ORLEANS
LOUISIANA AVENUE CANAL
(S. CLAIBORNE AVE. TO CONSTANCE ST.)
INFORMATION MEETING
GUIDELINES FOR
QUESTION & ANSWER SESSION
(FOLLOWING PRESENTATION)
Please print legibly on cards and ask questions that pertain to this project (all other questions will be addressed after meeting)
Questions will be read by the moderator
Designated respondents will answer questions
Respondents will be available after the meeting to answer additional questions
ADDITIONAL BENEFITS OF SELA
- Positive effects to FEMA flood maps
= lower flood insurance costs when approved
NATIONAL FLOOD INSURANCE PROGRAM
MEETING PURPOSE
Brief History of the SELA Program
Information about SELA Construction Projects
Effects on Local Neighborhood
SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT
S E L A
CPRA
UPTOWN SELA PROJECTS MAKE A DIFFERENCE IN FLOOD REDUCTION
AFTER SELA
THE HISTORICAL EVOLUTION OF
THE SOUTHEAST LOUISIANA URBAN
FLOOD CONTROL PROGRAM
(SELA)
Improved Flood Protection
Before SELA
After SELA
BENEFITS OF SELA UPTOWN IMPROVEMENTS
- SELA projects are designed to reduce flooding caused by 10-year frequency rainfall events (about 9-1/4 inches of rainfall in 24 hours)
- The accumulation of stormwater on Uptown streets will be decreased due to additional underground storage and a more efficient conveyance of stormwater by the new canals
- Reduction of historic levels of flood damage
UPTOWN FLOOD PRONE AREAS BEFORE SELA
BEFORE SELA
NEW SELA 16' X 7-1/2' LOUISIANA AVE. CANAL
The new Louisiana Ave. canal is large enough to fit (2) Hummer H1's side by side!
Increased flow from SELA Uptown Improvements (670,000 gallons/min.) can drain an Olympic-size swimming pool in less than 1 minute!
The Times-Picayune's

SOUTHEAST LOUISIANA
URBAN FLOOD CONTROL PROJECT
SEWERAGE & WATER BOARD
CRESCENT CITY
WATER METER
NEW ORLEANS, LA.
S E L A
CPRA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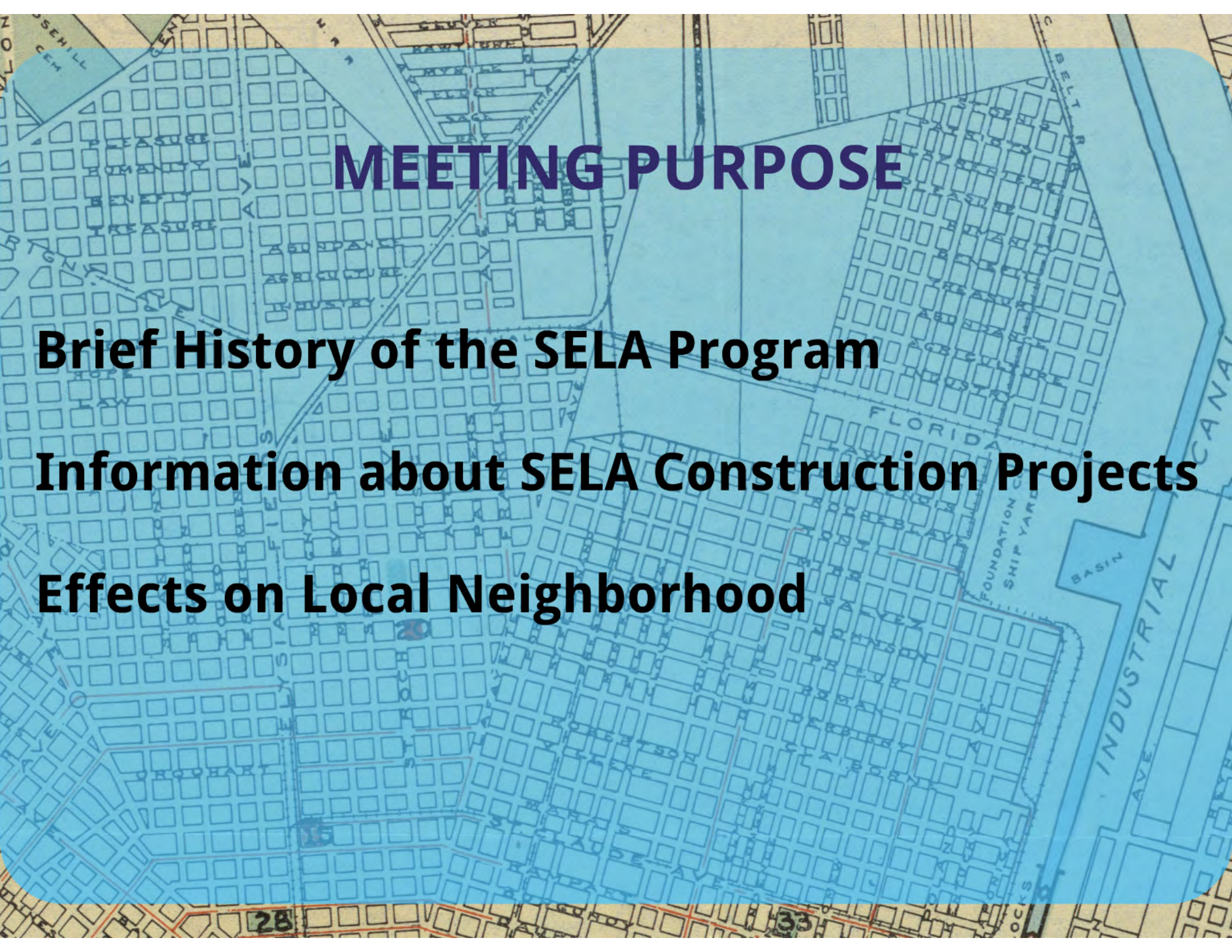
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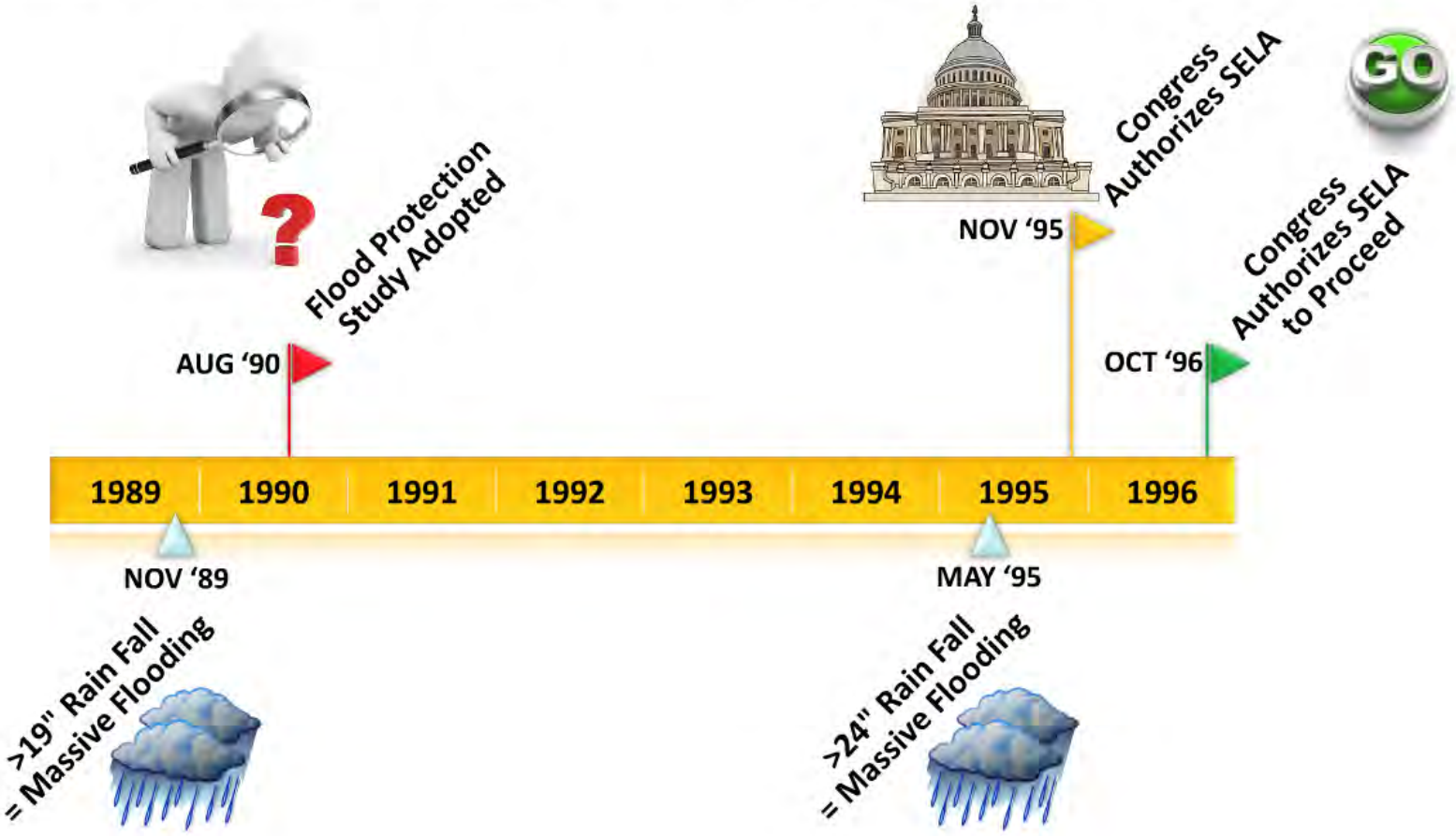
THE HISTORICAL EVOLUTION OF

THE SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROGRAM (SELA)

In response to the extensive flood damage caused by (2) major rain storms in November '89 and May '95, the U.S. Congress authorizes SELA in November '95.



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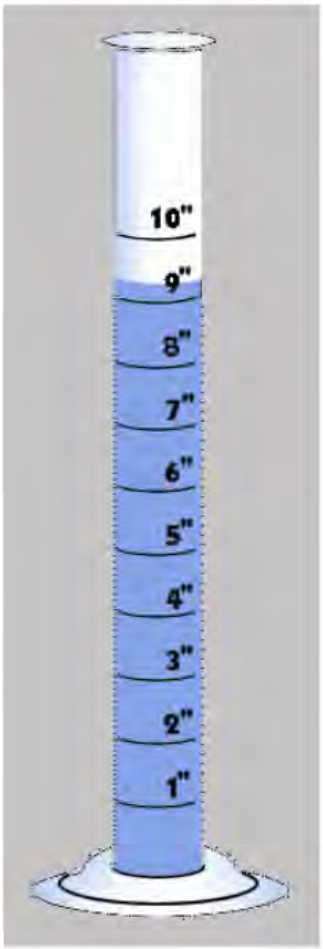

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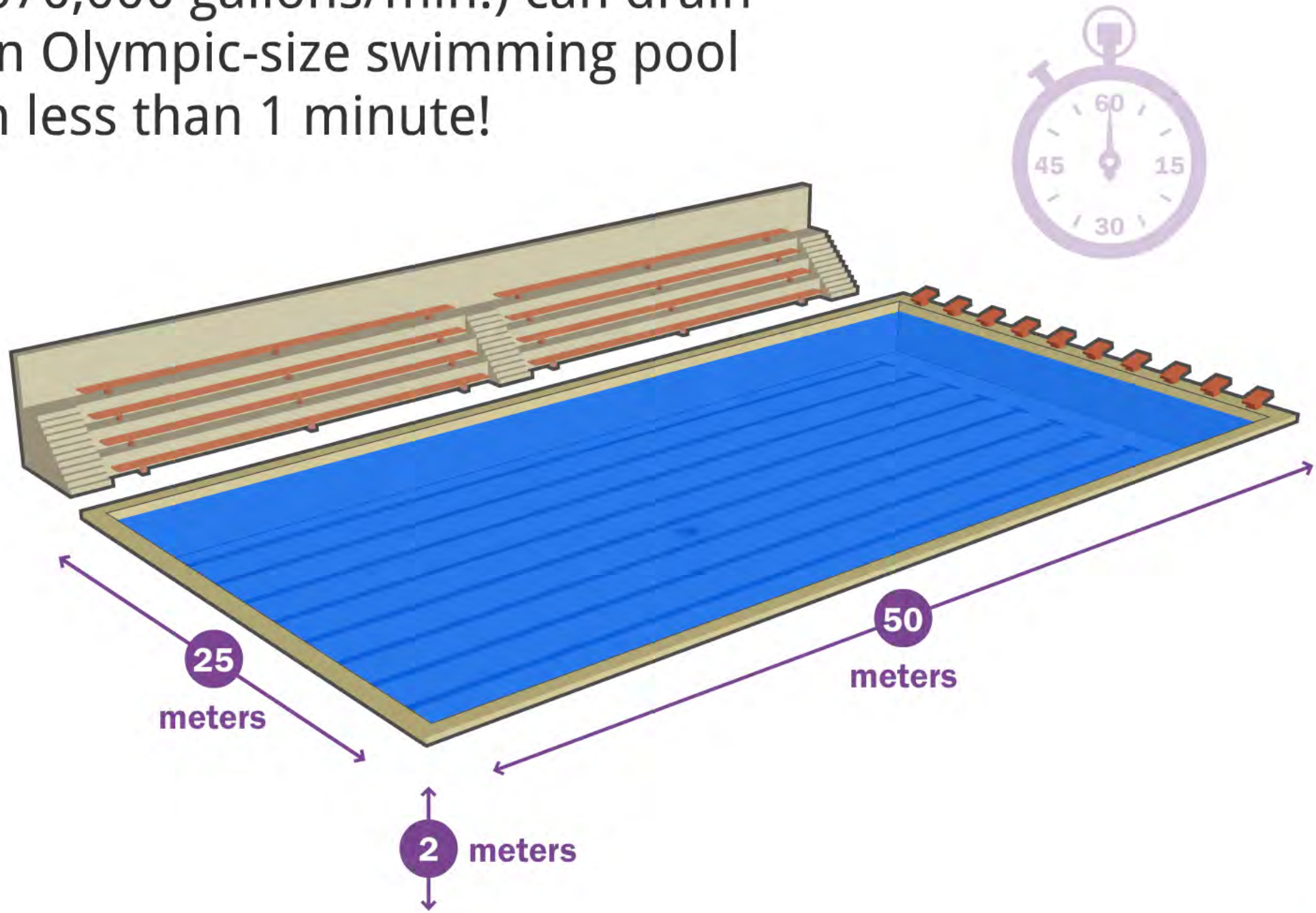
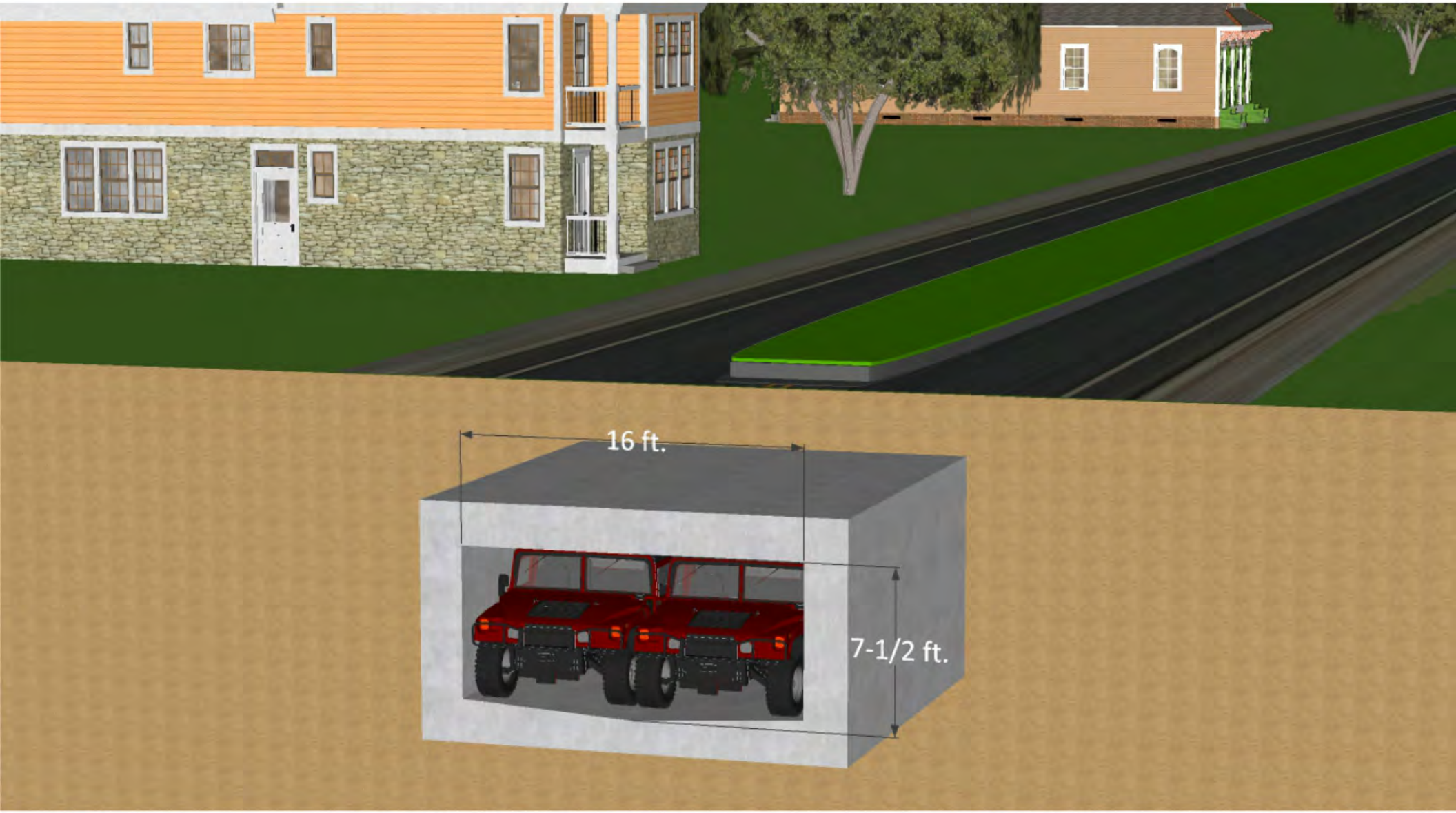


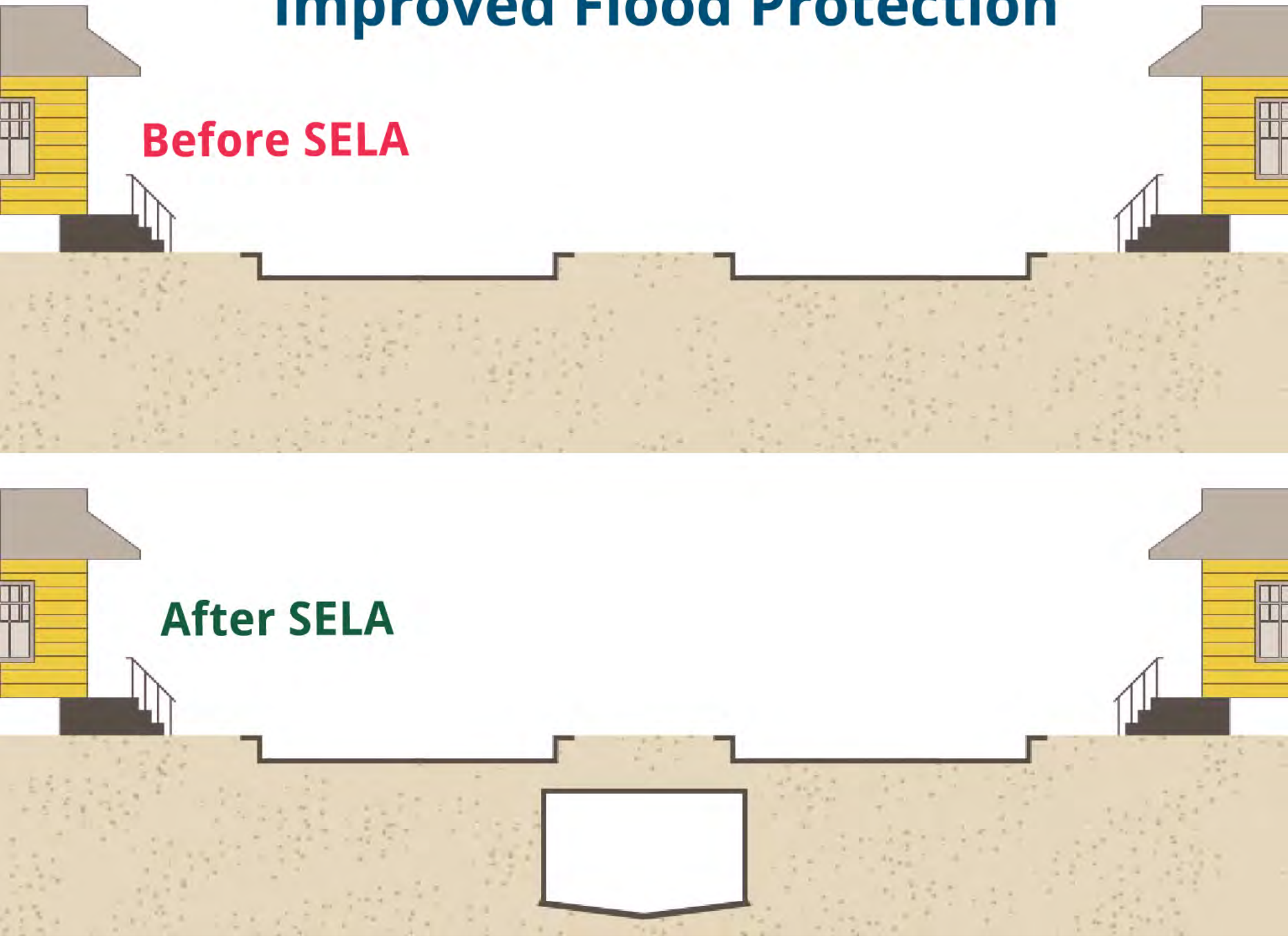
NEW SELA 16' X 7-1/2' LOUISIANA AVE. CANAL



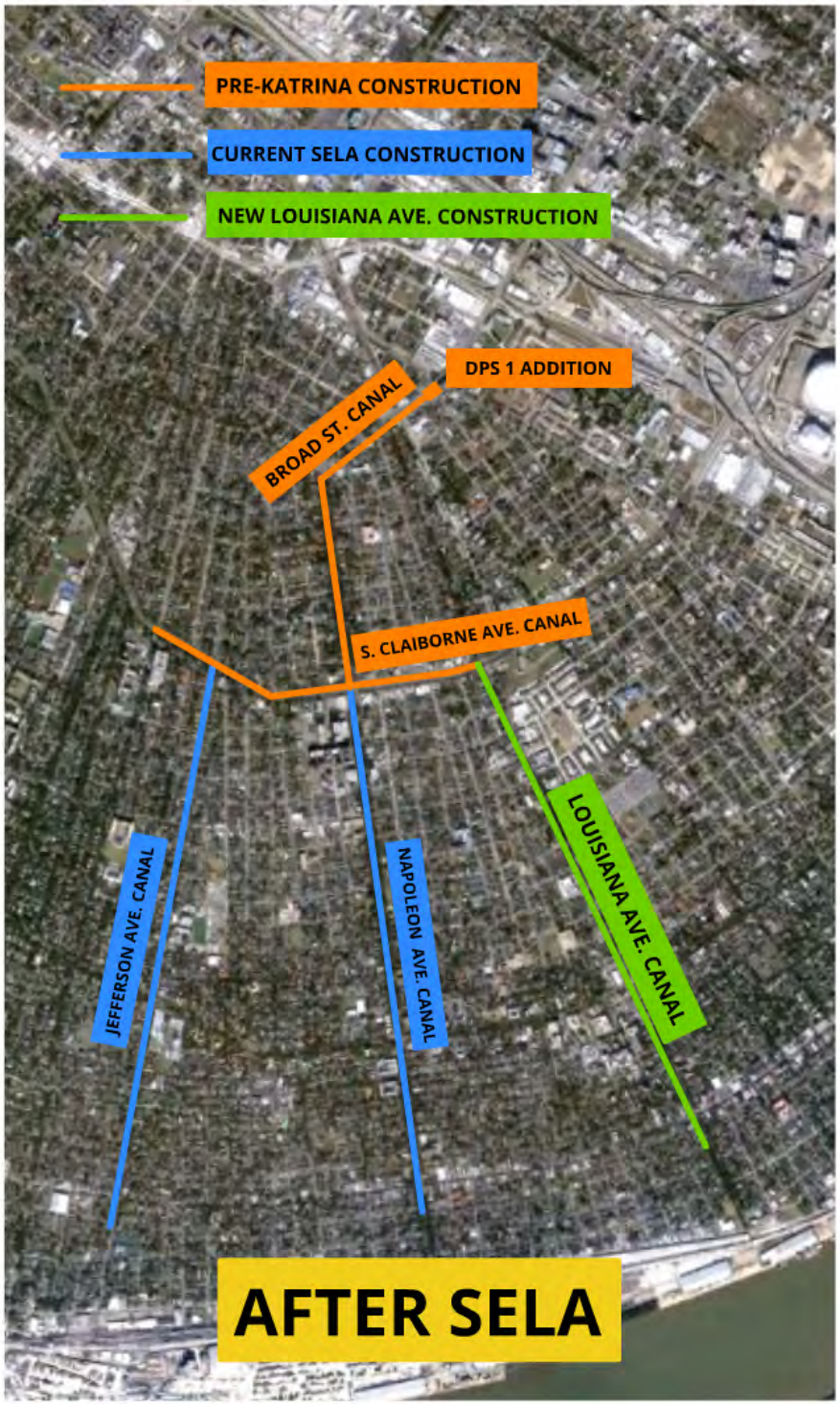
The new Louisiana Ave. canal is large enough to fit **(2) Hummer H1's** side by side!

UPTOWN FLOOD-PRONE AREAS BEFORE SELA

Improved Flood Protection



UPTOWN SELA PROJECTS MAKE A DIFFERENCE IN FLOOD REDUCTION



ADDITIONAL BENEFITS OF SELA

- Positive effects to FEMA flood maps

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NATIONAL FLOOD INSURANCE PROGRAM

SELA ORLEANS PROJECTS
MISSISSIPPI RIVER
LOUISIANA AVE. CANAL
(S. Claiborne Ave. - Constance St.)
(6) Blocks of 8'W x 6'H Concrete Box Canal
(7) Blocks of 16'W x 8'H Concrete Box Canal
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(20) Blocks of New Concrete Box Canal
SELA Orleans
Post Katrina Estimated Timeline
DAYNER INTAKE CANAL
FLORIDA AVE CANAL - PH I
NAPOLEON AVE CANAL - PH II
CLAIBORNE AVE CANAL - PH I
CLAIBORNE AVE CANAL - PH II
JEFFERSON AVE CANAL - PH I
JEFFERSON AVE CANAL - PH II
NAPOLEON AVE CANAL - PH III
FLORIDA AVE CANAL - PH II & III
LOUISIANA AVE CANAL
FLORIDA AVE CANAL - PH IV
COMPLETE
COMPLETE
SPRING 2016
FALL 2016
FALL 2016
FALL 2016
FALL 2017
FALL 2016
WINTER 2016
FALL 2018
FALL 2018
FALL 2020
2008
2010
2012
2014
2016
2018
2020
Louisiana Ave. Canal (S. Claiborne Ave. to Constance St.)
Awarded to Boh Bros. Construction in July 2014
Estimated Completion Fall 2018
TOTAL ESTIMATED FUNDING
FOR ORLEANS PARISH
$1,500,000,000
from inception to
completion
FUNDING OF LOUISIANA AVE. CANAL
$53,704,100
FEDERAL
SHARE
$16,923,884
30-YR
FEDERAL LOAN
$6,354,180
S&WB UTILITY
RELOCATIONS
$5,639,529
LA STATEWIDE
FLOOD CONTROL
Total Local Share
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FEDERAL SHARE (65%) = $53,704,100
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SELA ORLEANS PROJECTS

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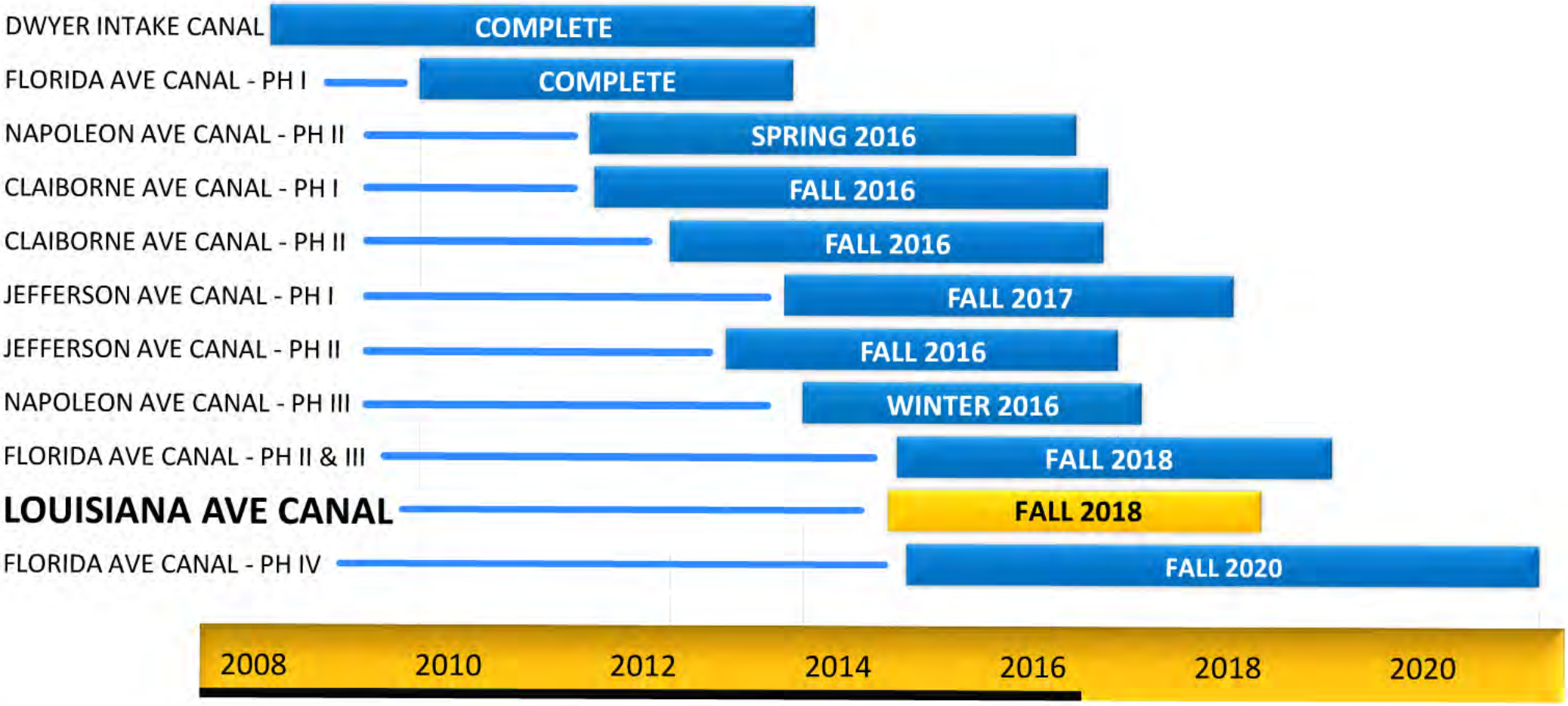

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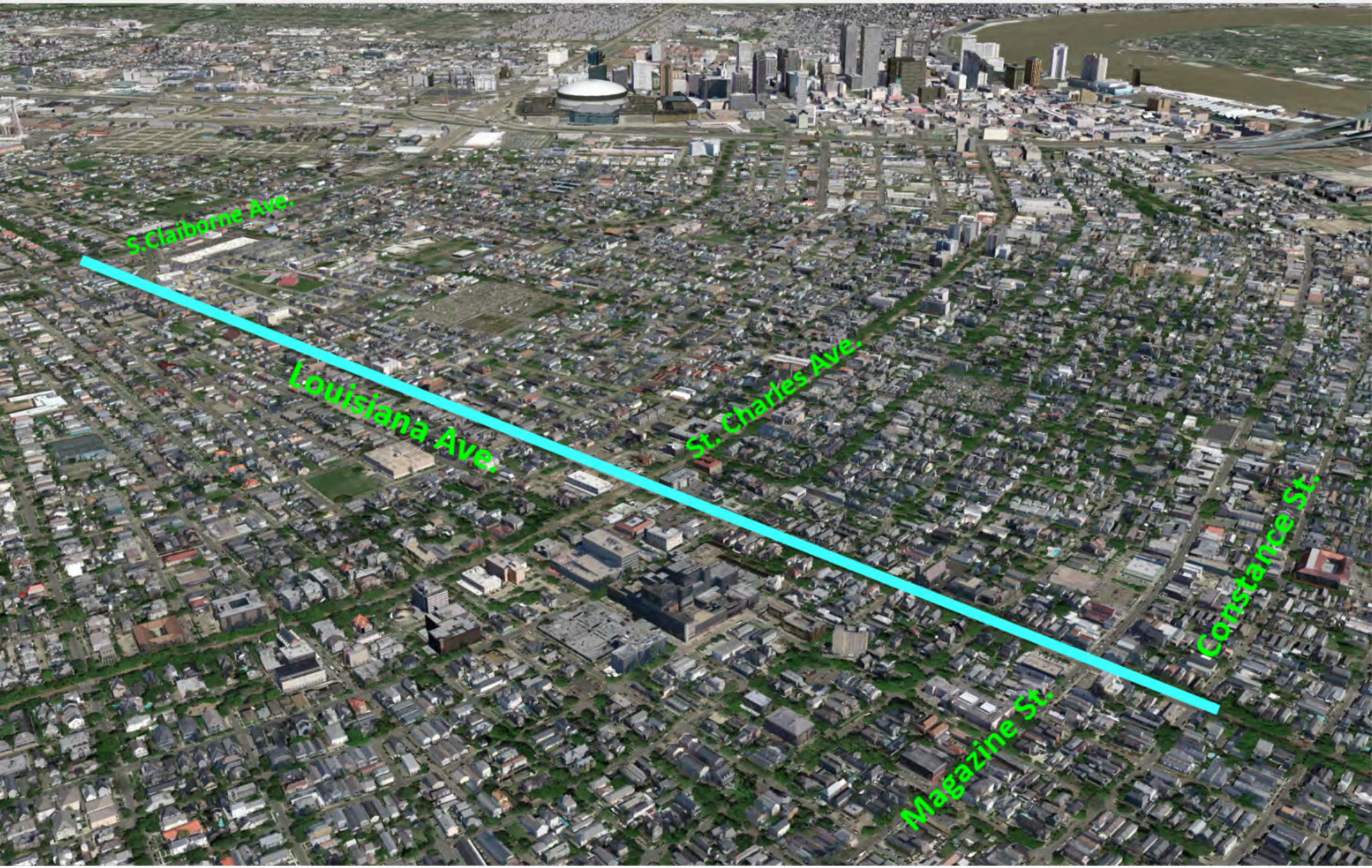

LOUISIANA AVE. CANAL

(S. Claiborne Ave. - Constance St.)

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(20) Blocks of New Concrete Box Canal

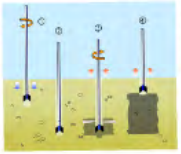
WHAT WILL HAPPEN ON MY STREET DURING THE CONSTRUCTION OF THE PROJECT?

"First things First"...

- Water, sewer & electrical lines will be relocated to make room for new underground concrete box canal

- Sheet piles pressed into roadway

- Grout jetted into ground to form foundation under new box canal



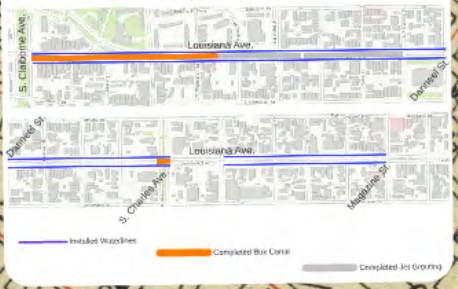
- Trench excavation begins to allow new underground box canal construction

- Construction of the new underground concrete box canal begins

- Backfill of excavation after new canal construction completed

PROJECT STATUS

Construction is 51% Complete



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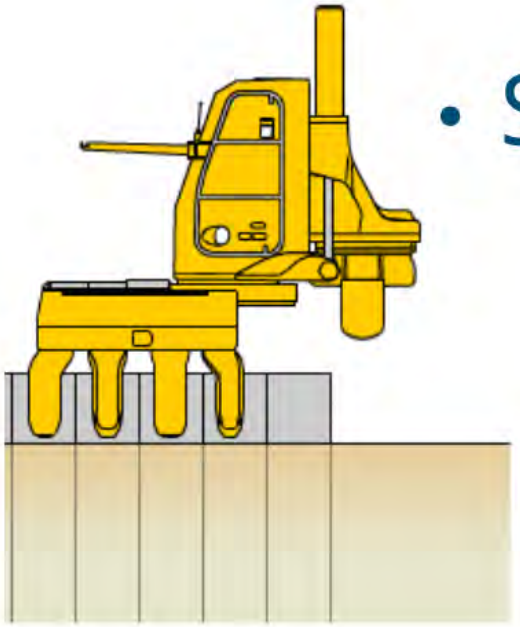

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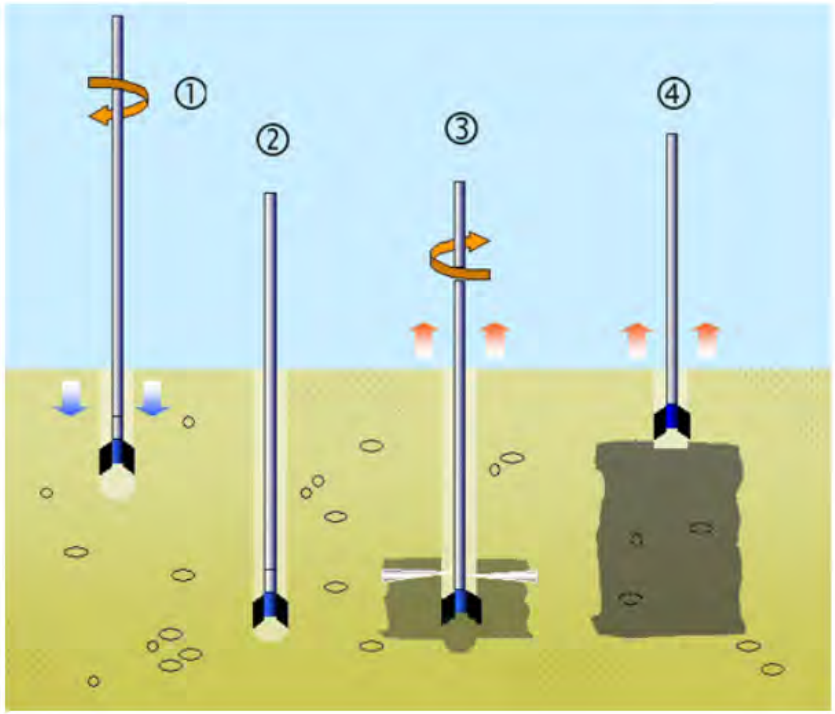

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Minimizing Potential Impacts to Neighborhoods

- Advanced Construction Techniques used to protect public & property

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Neighborhood Matters

- Fire fighting equipment, Police and EMS accessible to homes & businesses
- Garbage pick-up maintained
- SELA Hotline available to address residents' questions & claims

CONTACT

S&WB SELA Hotline 504-585-2450

S&WB SELA Website
www.swbno.org/work_drainageSELA.asp

S&WB "Boots on the Ground"
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Corps SELA facebook page
www.facebook.com/SELAfloodprotection

Corps New Orleans District
www.mvn.usace.army.mil/

Neighborhood Matters

- Historic Neighborhoods preserved per the agreement made between the:
  - S&WB
  - U.S. Army Corps of Engineers
  - LA Coastal Protection and Restoration Authority
  - LA Historical Preservation Office
- Continuous Vibration Monitoring performed around construction area to minimize potential damage from occuring

PROVIDING COMMUNICATION AND ACCESS TO KEEP NEIGHBORHOODS INFORMED

Residents Kept Informed about Utility Services & Detours
- Advanced notifications of utility interuptions and street closures and detours

SELA Hotline
- SELA Hotline available to address residents' questions & claims

"Boots on the Ground" Response Team
- An additional way besides the SELA Hotline for residents to express concerns about the construction project

Established Claims Process
- Process in place to protect residents against damage caused by construction

Neighborhood Matters

- St. Charles Streetcar canal crossing built in only 3 months. Coordinated with Jefferson Ave. & Napoleon Ave. projects to minimize inconveniences to riders by requiring only one closure.
- RTA bus route along Louisiana Ave. kept in service

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COMPARISON OF TRADITIONAL SHEET PILE DRIVING METHODS VS. PRESS-IN METHOD

THE NEW BOX CANAL FOUNDATION IS A JET GROUTED CONCRETE BLOCK INSTEAD OF USING HUNDREDS OF TIMBER PILES

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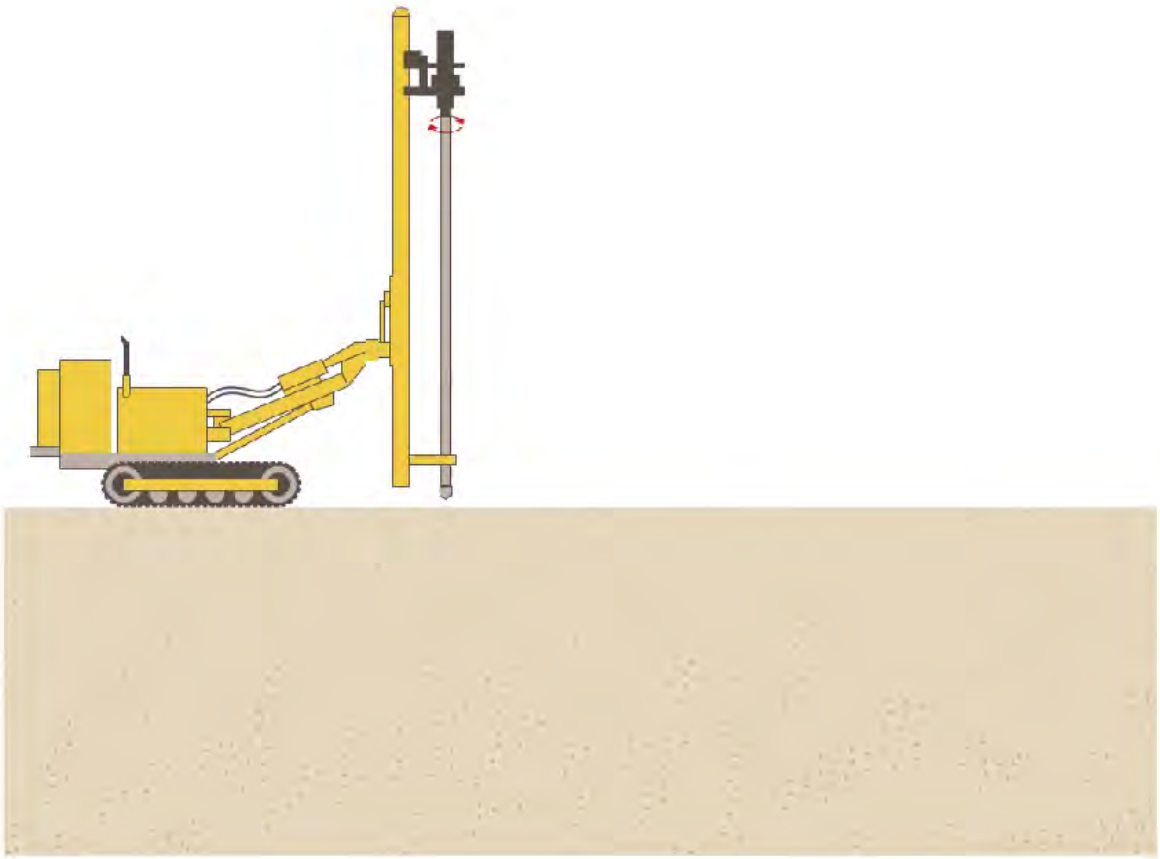

Example of new canal under Louisiana Ave.

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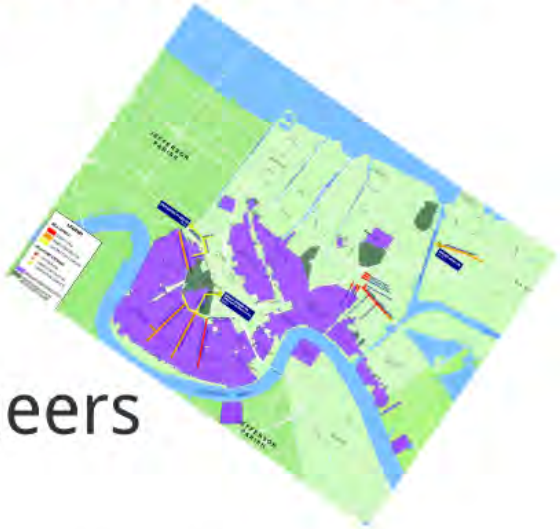

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EXAMPLE OF LANDSCAPING
Napoleon Ave Canal - Phase I

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