



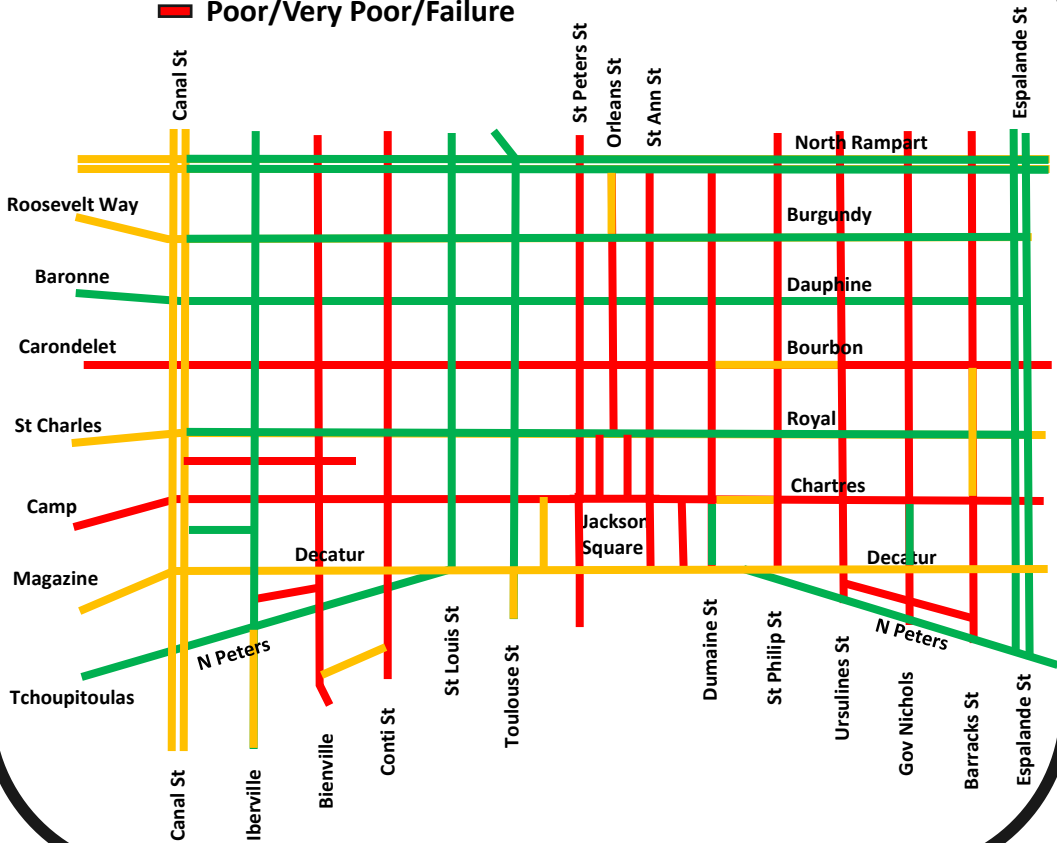
# CITY OF NEW ORLEANS

**Bourbon St. Repairs – Planning Meeting  
March 31, 2017**

# French Quarter Infrastructure Overview

## Legend: Pavement Condition

- █ Excellent/Good
- █ Fair
- █ Poor/Very Poor/Failure

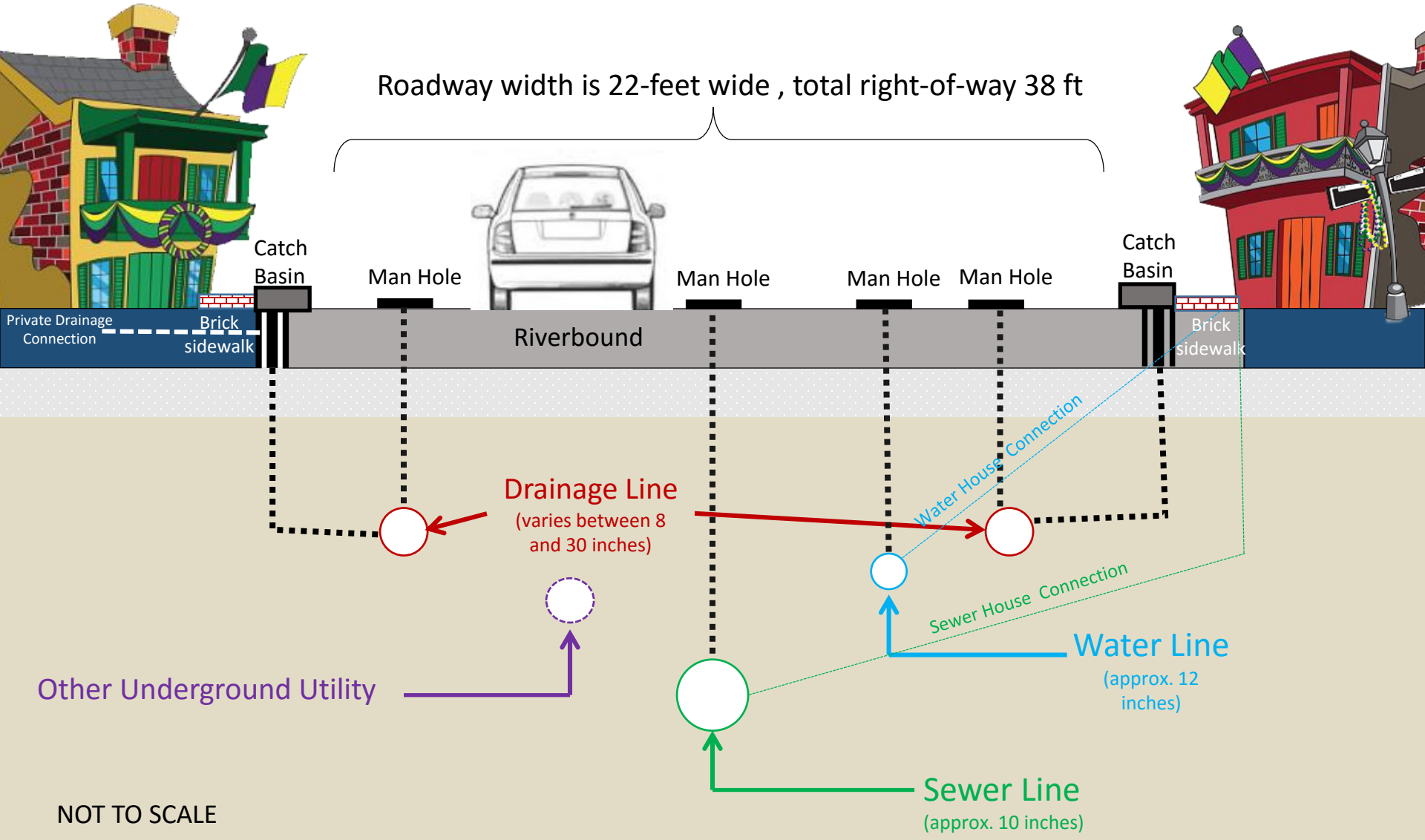


- Total = 16.4 Lane-miles (approx. 100 blocks)
- Average Condition = Poor (D)
- Over half of drainage system undersized
- 1,100 streetlights; majority decorative Vieux Carre fixtures (non-LEDs)
- Currently less than 50 streetlight outages
- 278 metered parking spaces



# Bourbon St. – Typical Cross Section

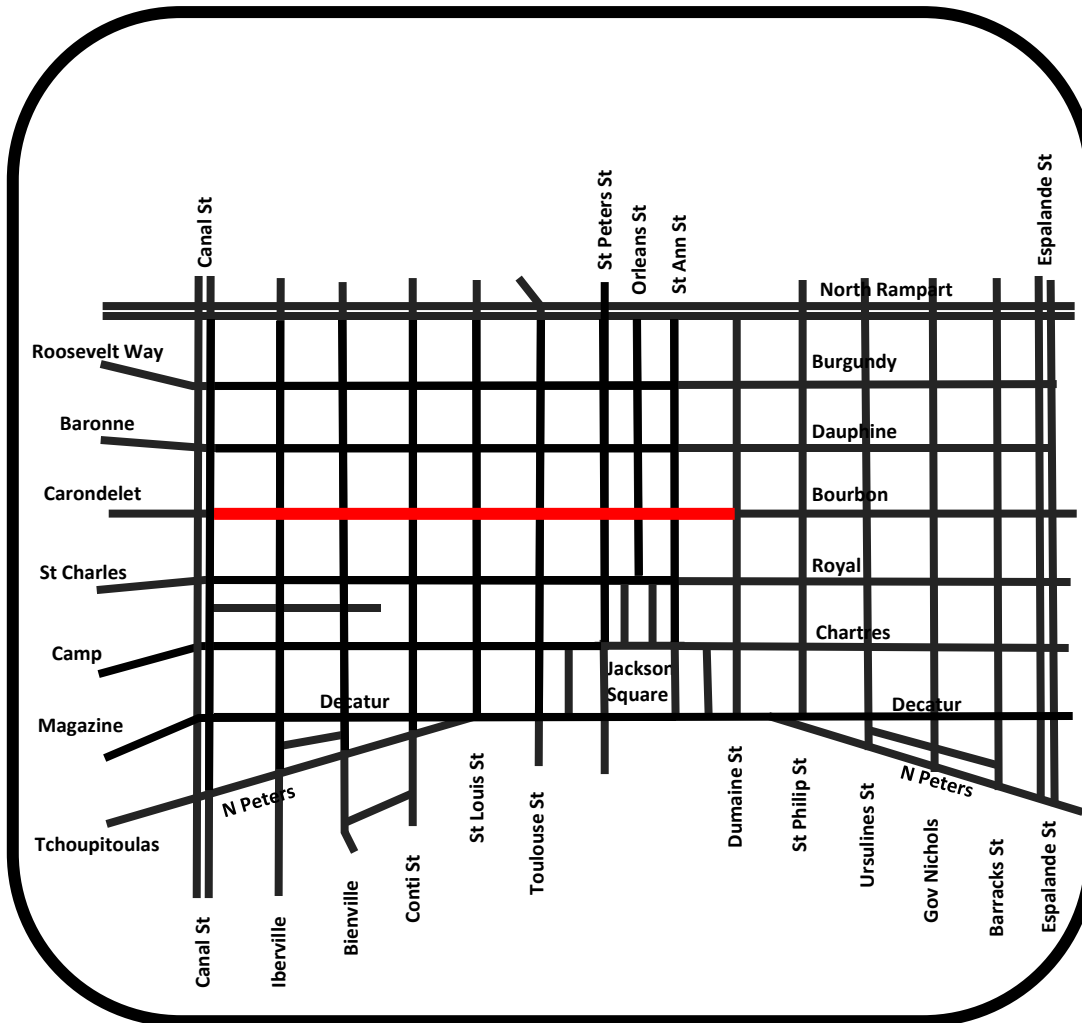
Canal St. – Dumaine St.



NOT TO SCALE

# Bourbon St. – Pavement Conditions

## Canal St. – Dumaine St.



- 8 blocks (2,949 feet) long.
- Street is 22 feet wide, total width of the City right of way is 38 feet.
- Composite pavement is an average of 8 inches thick with brick gutters and sidewalks
- Pavement Condition Index score from survey: Poor/Very Poor
- Repaved in 2003, 1983 and 1961. Utilities installed in 1928 and have not been updated since.



# Bourbon St. – Underground Utility Conditions

## Canal St. – Dumaine St.

### Summary

- Underground Utilities were last replaced in 1928 by A.P. Boh & Son.
- **General Rule of Thumb:** Replacement of the underground utility line is recommended if you have 2 or more point repairs on that line in a 12-month period.

### Drainage

- Drain lines vary in size between 8 and 30 inches, average of 12 inches. Current minimum standard is 15 inches.
- Full drain line replacement required in all 8 blocks based on damage identified, undersized drainage lines and significant damages.

### Water and Sewer

- 12 inch water line and 8-12 inch sewer line with a history of leaks.



# Bourbon St. – Drainage Deficiencies - Riverside Canal St. – Dumaine St.

- 9 sections of damaged drain line requiring drain line point repairs
- 4 sections of drain line that have completely collapsed or are blocked requiring full replacement



Undersized drain line between Toulouse and St. Peter streets.



Debris filled, broken drain line between Orleans Ave. and St. Ann St.



Fragments of a broken and undersized drain line between Iberville and Bienville streets.

# Bourbon St. – Drainage Deficiencies - Lakeside Canal St. – Dumaine St.

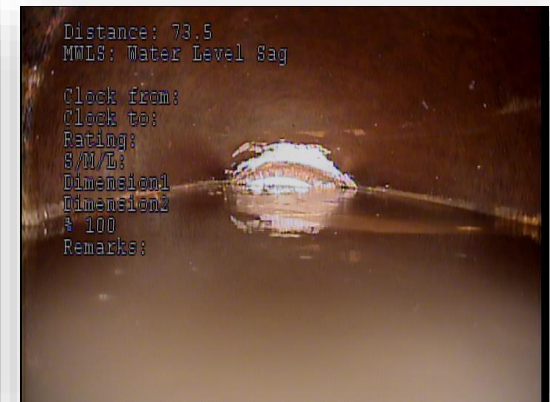
- 13 sections of damaged drain line requiring drain line point repairs
- 4 sections of drain line have completely collapsed and are blocked requiring full replacement



Cracked and damaged drain line between Canal and Iberville streets.



Crushed and deformed drain line between Conti and St. Louis streets.



Blocked and undersized drain line between St. Peter St. and Orleans Ave.

- Replacement and upsizing of the existing drain lines will eliminate standing water and odors, reduce the risk of flooding, protect other underground utilities and the pavement from additional damage and subsidence due to drain line leaks/failure



# Bourbon St. – Water Line Deficiencies

## Canal St. – Dumaine St.

- The water lines running underneath Bourbon Street are in Poor condition.
- Average of *two* water line leaks per block of Bourbon St. is repaired each year ( 92 reported leaks repaired in the 8 blocks of Bourbon in the last 10 years)
- Water lines are located relatively close to the drain lines and the street surface so that any work on the drain lines and/or pavement will likely cause further deterioration and additional water leaks.
- Replacement of the existing water lines and service connections will reduce water leaks and loss of service to businesses, and protect other underground utilities and the street from damage due to water line leaks



Water line leaks disrupt service to up to several hundreds of people and businesses depending on the location of the nearest shut off valve causing economic losses.

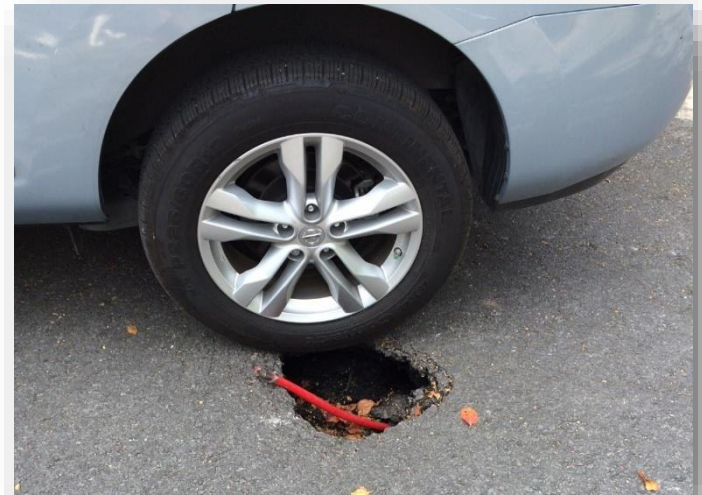




# Bourbon St. –Sewer Line Deficiencies

## Canal St. – Dumaine St.

- The sewer line running underneath Bourbon Street is buried deeper than the drain lines and water lines and is in Fair condition.
- Average of *two* sewer line leaks in this 8-block stretch of Bourbon St. are repaired each year
- A total of 7 point repairs required (an average of almost one per block). The lining of this utility line (in lieu of full replacement) is required, at a minimum, to reinforce this pipe after the point repairs are made.
- Repair and lining of the existing sewer lines and service connections will meet SWB sewer system consent decree requirements, reduce sewer leaks and loss of service to businesses, and protect other underground utilities and the street pavement from damage due to sewer line leaks.



Damaged sewer lines may manifest as low spots in the roadway and also full pavement failures.



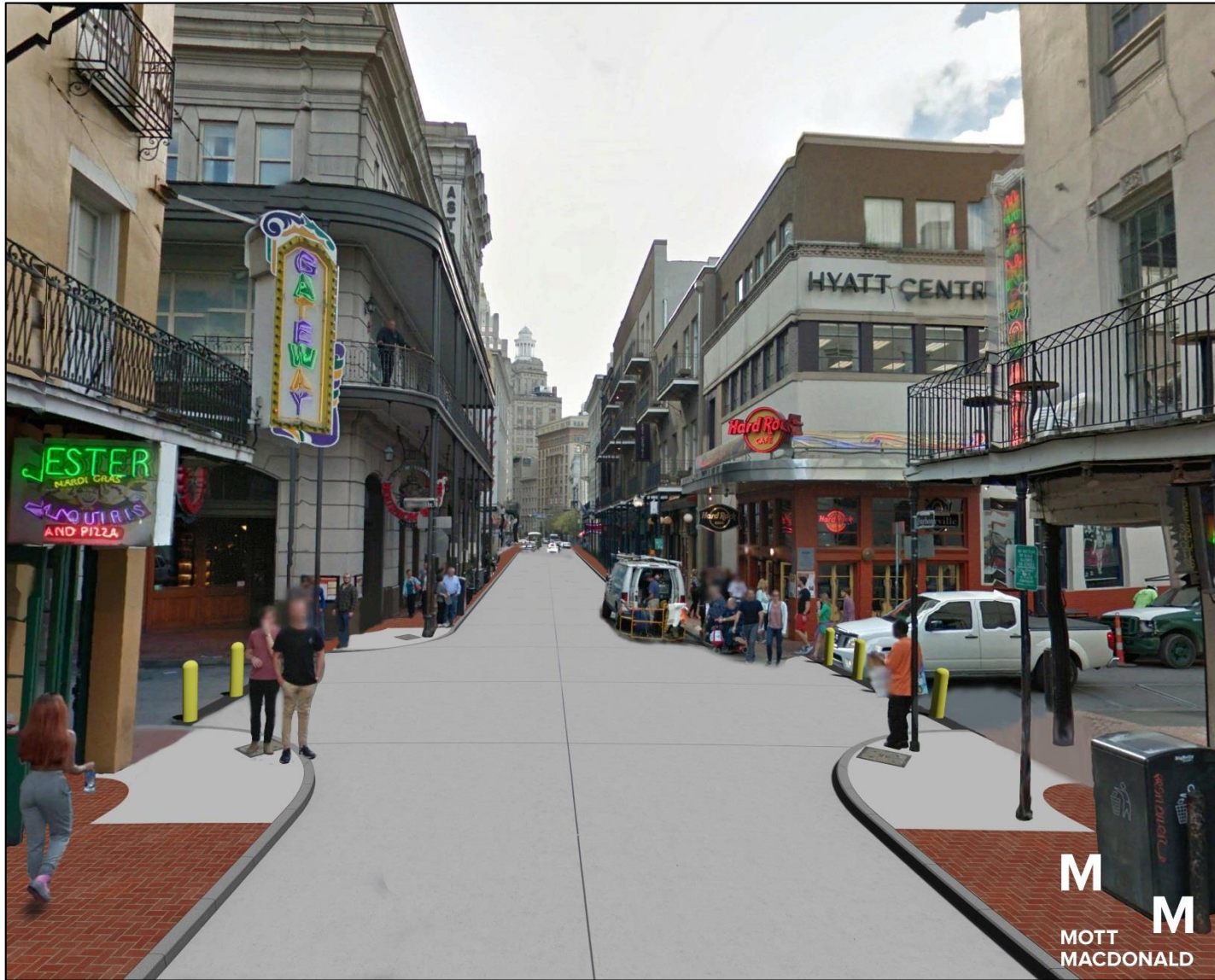
# Bourbon St. Full Reconstruction

Canal St. – Dumaine St.

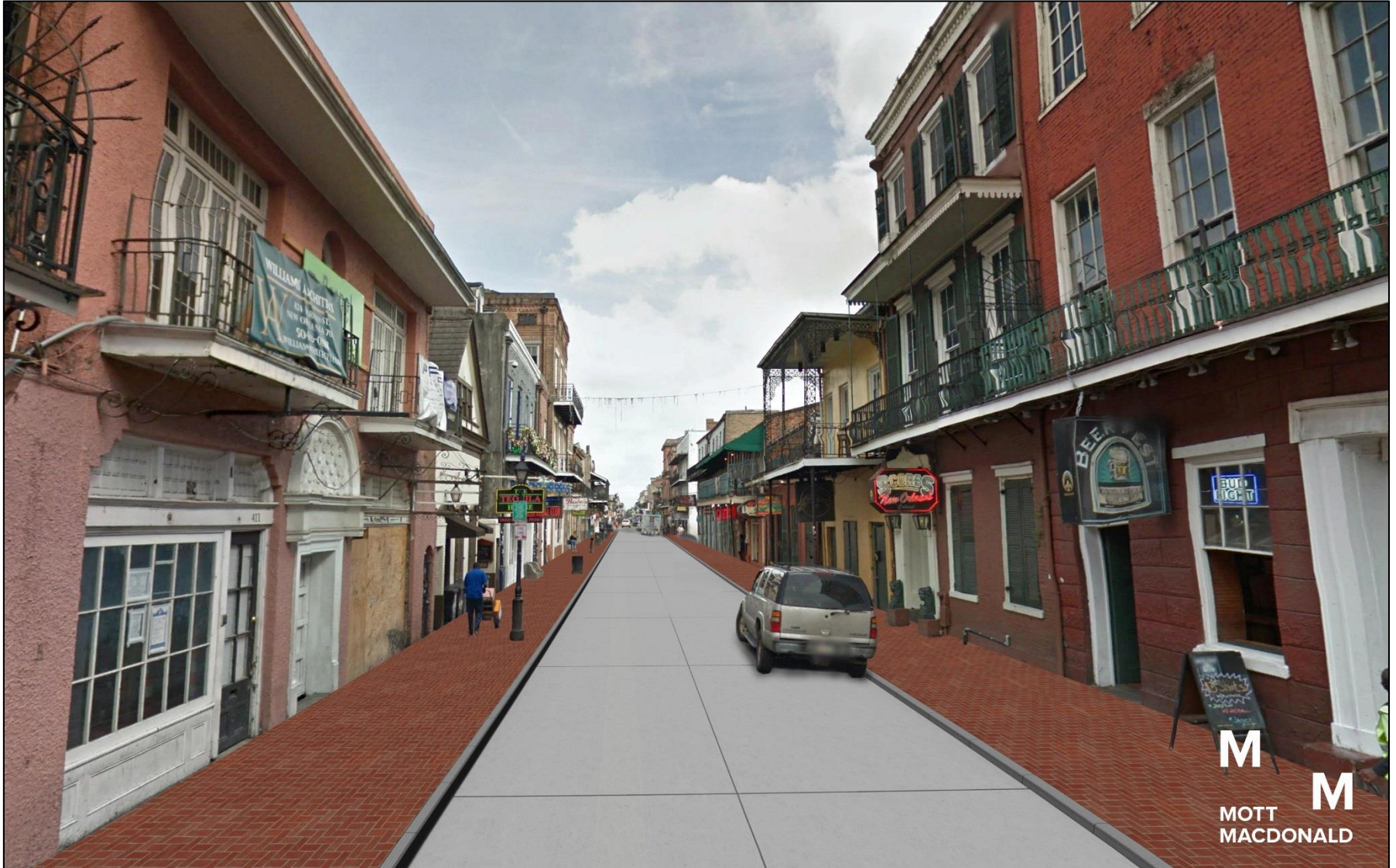
- Remove and replace the existing pavement
- Replace and upsize the existing drain lines
- Replace the existing water lines
- Repair the existing sewer lines



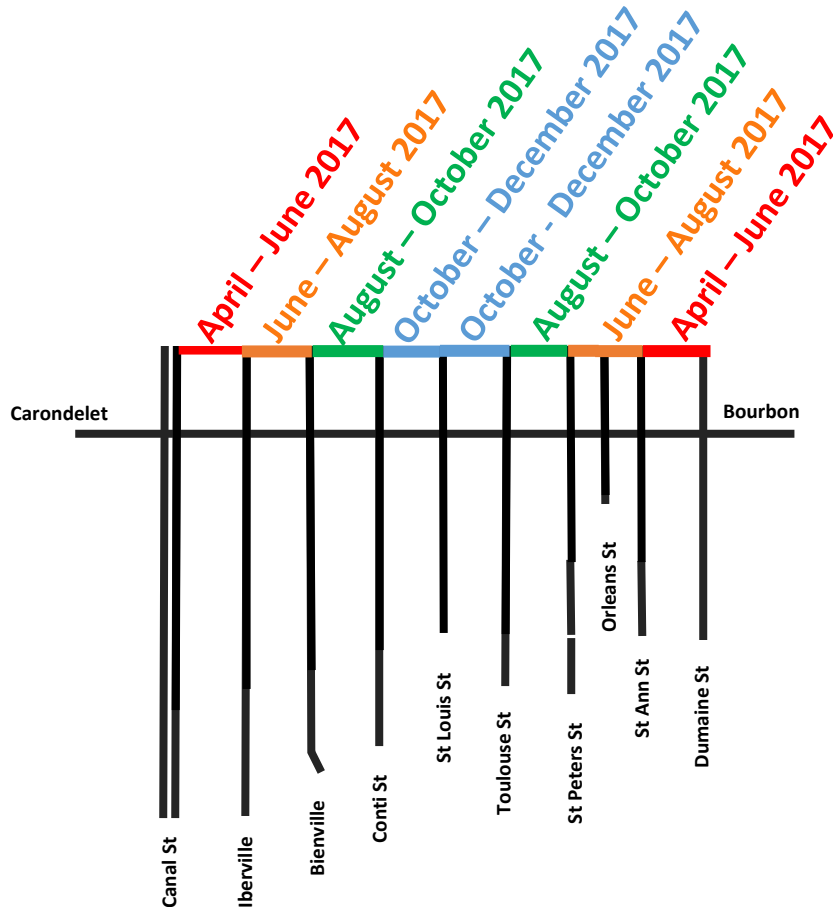
# Bourbon St Conceptual Drawing - Intersection



# Bourbon St Conceptual Drawing – Mid-Block



# Bourbon St. – Proposed Construction Sequencing



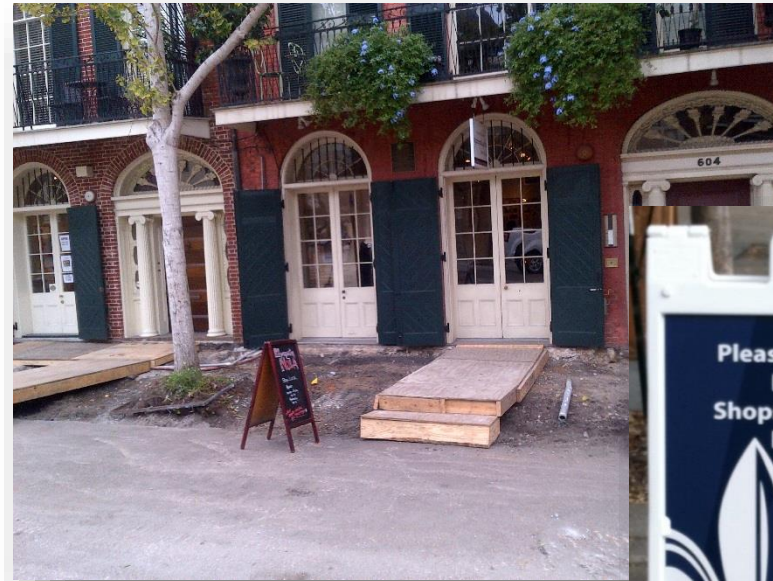
- Extended work hours (likely sunrise to sunset, 6-days per week)
- No vehicular traffic on blocks under construction and limited pedestrian traffic.
- Two simultaneous crews working one block at a time
  - Crew 1: Starts at Canal St. heading toward River
  - Crew 2: Starts at Dumaine St. heading toward CBD
- Maximum per block closure is approx. 60-days
- Anticipated construction start – After FQ Fest and Before End of April



# Bourbon St. – What to Expect During Construction

## Temporary construction impacts

- Construction equipment
- Limited parking availability
- Limited access to businesses
- Noise
- Dust



## Efforts to minimize construction impacts

- Construction signage / fencing placed around the sites.
- Any closures will be communicated in advance.
- Any changes to garbage and US Postal services will be communicated in advance.
- Residents will be well informed throughout construction (weekly progress updates / photos / FAQs on [roadwork.nola.gov/bourbon](http://roadwork.nola.gov/bourbon)).



# French Quarter Events – April/May 2017

## *Coordinating with permitted festivals and events*

### April

- 6-9 – FQ Fest
- 15 – Crescent City Classic
- 16 –Easter Parade
- 24-30 – Zurich Classic
- 28-30 – Jazz & Heritage Festival

### May

- 4-7 – Jazz & Heritage Festival
- 17-21 – Bayou Boogaloo
- 25-28 – New Orleans Wine and Food Experience
- 26-28 – Bayou Country Superfest
- 26-29 – Memorial Day Weekend



# French Quarter Events – June / July 2017

## *Coordinating with permitted festivals and events*

### June

- 3-4 – New Orleans Oyster Festival
- 9-11 – New Orleans Pride
- 10-11 – French Market Creole Tomato Festival
- 24-25 – Louisiana Cajun Zydeco Festival
- 30-July 3 – ESSENCE Festival

### July

- 1-3 – ESSENCE Festival
- 4 – Independence Day French Quarter Fireworks
- TBA – French Film Festival
- 7-9 – San Fermin en Nueva Orleans
- 14 – Bastille Day Fete
- 18-23 – Tales of the Cocktail
- TBA – Festivals





# French Quarter Events – August 2017

*Coordinating with permitted festivals and events*

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- 1-31 – COOLinary New Orleans
  - 1-31 – Museum Month
  - 3-6 – Satchmo SummerFest
  - 5 – Whitney White Linen Night
  - 12 – Red Dress Run
  - 13 – Dirty Linen Night
  - TBA – NOLA Downtown Music and Arts Festival
  - 30- September 4 – Southern Decadence



# French Quarter Events – September 2017

## *Coordinating with permitted festivals and events*

- TBA – Treme Fall Fest
- TBA – Beignet Festival
- TBA – Oktoberfest
- TBA – New Orleans Film Festival
- TBA – Crescent City Blues & BBQ Festival
- TBA – Praise Fest
- 14 – Carnival Latino
- 21 – Krewe of Boo Halloween Parade
- 21 - Mac n Cheese Fest
- TBA – Oak Street Po-Boy Festival
- 27-29 – Voodoo Music + Arts Experience



# French Quarter Events – October / November 2017

## *Coordinating with permitted festivals and events*

### October

- TBA – Treme Fall Fest
- TBA – Beignet Festival
- TBA – Oktoberfest
- TBA – New Orleans Film Festival
- TBA – Crescent City Blues & BBQ Festival
- TBA – Praise Fest
- 14 – Carnival Latino
- 21 – Krewe of Boo Halloween Parade
- 21 - Mac n Cheese Fest
- TBA – Oak Street Po-Boy Festival
- 27-29 – Voodoo Music + Arts Experience

### November

- 4-6 – National WWII Museum Airpower Expo
- TBA – Mirliton Festival
- TBA – Faux/Real Festival
- TBA – Boudin, Bourbon & Beer
- TBA – Treme Creole Gumbo Festival
- TBA – Words and Music Festival
- TBA – Algiers Folk Art Festival
- 23 – Bayou Classic



# Bourbon St. Full Reconstruction – Next Steps

- Finalize Design / Construction Sequencing
- Hold Pre – Construction Community Meeting (Mid-April)
- Begin construction (After FQ Fest and Before End of April)
- Complete construction (December 2017)



# French Quarter Traffic Study Public Meeting – April 4



The City of New Orleans, Department of Public Works, is hosting a public meeting to discuss proposed changes to vehicular traffic flow in the French Quarter. Proposed changes would occur as part of the Citywide Public Safety Improvement Program.

Public meeting details are:

**Where:** St. Jude Community Center  
400 N. Rampart St.  
New Orleans, LA 70112

**When:** Tuesday, April 4, 2017 at 6:00 p.m.

Questions about this project may be directed to  
504.658.ROAD or [roadwork@nola.gov](mailto:roadwork@nola.gov).

