



# FRENCH QUARTER STREETLIGHT ASSESSMENT 2022 WALKING SURVEY

FIELD DATA COLLECTED BETWEEN  
FEBRUARY and SEPTEMBER 2022

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## Introduction

The Livability Committee of the French Quarter Management District (FQMD) was charged with the task to update 2014 street light survey indicating various lighting conditions. We quickly determined that the scope of the prior survey exceeded our capacity. However, were able to establish survey protocol that determined the condition of, and safety provided by the streetlights in the business and residential blocks within the boundaries of the French Quarter Management District and the French Quarter Economic Development District: the downriver side of Canal Street, the lake side of North Rampart Street, the downriver side of Esplanade Avenue to the Mississippi River. The prior assessment provided guidance but is replaced by this assessment in its entirety.

## Summary of Findings

902 Light poles were physically identified within survey area. The assessment of the streetlight equipment and functionality, at the time of the walking survey, are summarized here.



**21%**  
**Do Not Function**

185 lights not on during nighttime survey



**36%**  
**Damaged**

307 lights are damaged and/or have impacted functionality



**33%**  
**Hazard to Public**

287 lights have electrical wiring covers missing, wires exposed, damaged, and/or covers replaced with an incompatible replacement.

## Assessment

It was determined that survey would answer two questions. The first was to determine the condition of the streetlight equipment currently in place. The second was to evaluate through photographs, the available lighting on each street at intersections

throughout the French Quarter. It was decided that daylight photos would be compared with evening and morning lighting conditions to determine the appearance of safe access at each intersection.

## Methodology

The 2022 Streetlight Assessment is designed to be a three-phase survey:

**Phase 1:** Assess the conditions of streetlight equipment during daylight hours

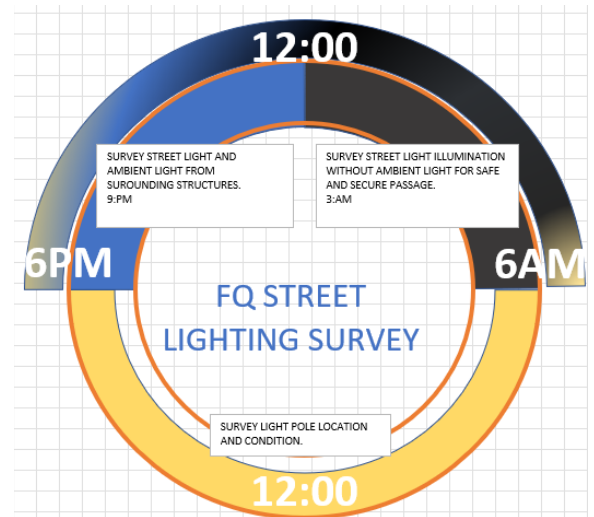
**Phase 2:** Determine the functionality of the streetlight after dark

**Phase 3:** Assess the ambient lighting when streetlights are on, but the majority of citizens are off the streets in the early morning hours. In that most commercial and residential activity occurs during evening not morning hours it is important to recognize areas that even with the advantages of ambient light provided by local structures additional to streetlights conditions are unsafe

Phase one and two of the walking assessment have been completed and the results are summarized herein. Approximately 90% of the Quarter was imaged during the survey, however Phase 3 of the survey to capture lighting conditions after midnight will be completed by the assessment team.

## Streetlight Equipment Condition.

The following evaluation was completed for each streetlight surveyed by our team.



## STREET LIGHT POST SURVEY



SENSOR MUST BE VERTICAL AND CONNECTED TO LAMP

LENSES SHOULD BE PRESENT IN PROPER FRAME AND CLEAN

LIGHT POST SHOULD BE PAINTED VERTICAL AND WITH OUT BENDS OR RUST

ASSET ID NUMBER IS LOCATED ABOUT 8' FROM THE SW NUMBERED VERTICALLY. THIS NUMBER IS NOT ALWAYS PRESENT BUT IS ESSENTIAL TO RECORD IN SYSTEMATIC ORDER TO IDENTIFY LIGHTPOSTS IN SEQUENCE.

BASE SHOULD BE PAINTED, VERTICAL AND WITHOUT RUST

BASE COVER MUST BE IN PLACE EITHER ORIGINAL EQUIPMENT PREFERRED OR SUBSTITUTED WITH BANDING AND PLATE. IT IS A CODE VIOLATION TO ALLOW ACCESS TO THE WIRING AT THE BASE OF LIGHT POSTS. **HAZARD!**

Summary of data set is as follows:

STREET ADDRESS	SURVEY			
	STREETLIGHTS SURVEYED	LIGHT & LENS DAMAGED OR CLEANING	FUNCTION NOT	COVER REPAIR REPLACE
RAMPART	22	2	2	1
BURGUNDY	58	29	11	15
DAUPHINE	57	30	13	16
BOURBON	61	47	14	14
ROYAL	73	47	17	26
CHARTERS	73	21	17	16
DECATUR	82	42	20	39
NORTH PETERS	19	7	0	4
EXCHANGE ALLY	4	1	2	1
DORSIERE STREET	4	0	1	4
CLINTON ALLY	4	1	0	3
FRENCH MARKET ST AND PLACE	22	4	2	6
CANAL STREET	28	23	13	11
IBERVILLE STREET	36	12	12	20
BIENVILLE STREET	38	10	9	23
CONTI STREET	33	8	12	15
ST LOUISE STREET	25	4	5	9
TOULOUSE STREET	29	5	5	10
WILKINSON AVE	8	6	1	2
ST PETERS STREET	39	16	3	9
ORLEANS STREET	16	2	2	3
ST ANN STREET	29	1	9	13
MADISON AVE	7	7	2	3
DUMAINE STREET	15	2	3	9
ST PHILLIPS STREET	14	0	1	7
URSULINES STREET	24	1	6	9
GOV NICHOLAS STREET	34	1	3	6
BARRACKS STREET	23	3	3	2
ESPLANADE	34	0	3	5
TOTAL LIGHTS	911	332	191	301
PERCENTAGE NEEDING REPAIR		36%	21%	33%

The totals may vary from that shown on the City NOLA311 map, in that it was recognized during the survey that several streetlights shown with equipment numbers were not surveyed. This is due in part by the asset no longer existing, replaced by 5G tower, or that it was not visible to the survey team.

Additionally, photovoltaic sensor or lens damage or cleaning is indicated with over a third of this equipment needing cleaning, repair, or replacement. Almost one fifth of the presently existing streetlights are not functioning after sunset. A significant number of base cover plates that protect the wiring for the streetlight are either exposed or the replacement cover is not consistent with the architectural aesthetics of the French Quarter lighting standard.

## Standards Used for this Survey

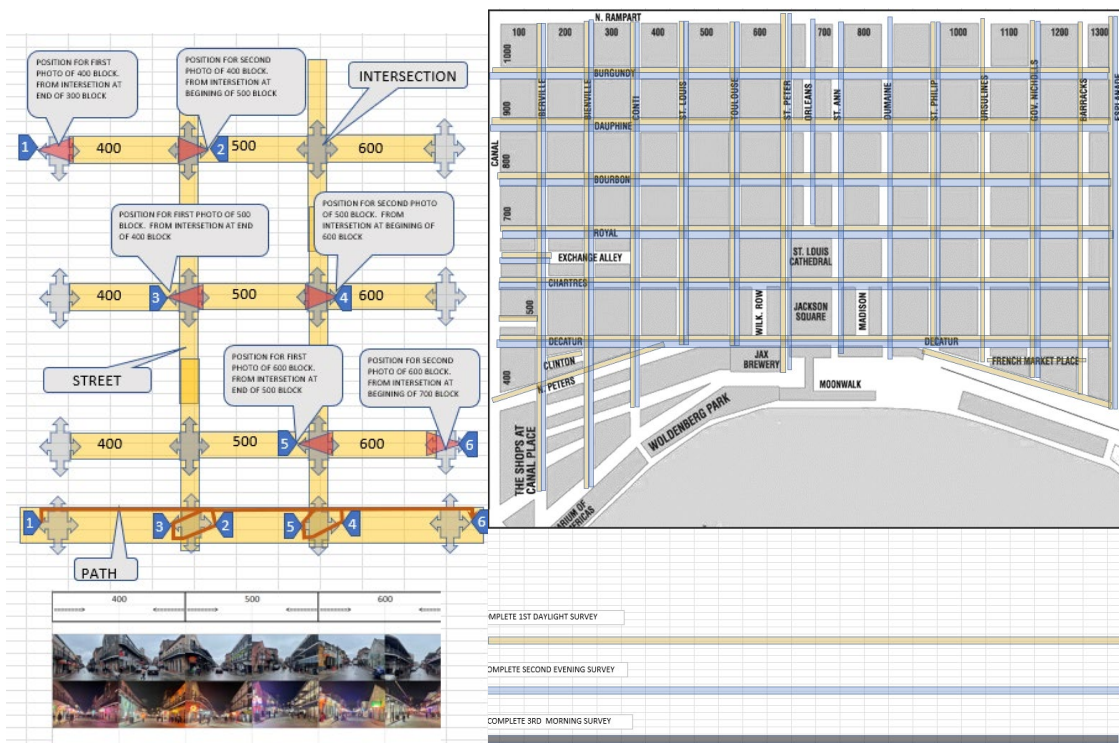
Several volunteers provided information based on a standard form, with varied judgments as to the quality of the equipment surveyed. It is expected that this variance is minor in the overall scope of the report.

# Street View Survey

The purpose of this survey was to establish the impact street and ambient lighting has on the illumination of the French Quarter during day light, evening, and early morning hours. While we were able to survey 90% of the French Quarter’s streetlights, we have captured only daylight and evening lighting condition for the streetlighting conditions and need to provide the morning (Midnight to 3:AM) street view survey to complete the task.

The survey protocol was to use iPhone or similar device capturing an image light condition at the intersections throughout the quarter. Due to time constraints some images during daylight hours were captured from Google Map images.

The following approach was taken to the photo survey.



A quick review of equipment outages at the 200 block of Dauphin Street and the images provided during the street view survey illustrate this point.

BLOCK	100	200	300	400
STREET	DAUPHINE			

DAUPHINE STREET		SURVEY JORGENSEN 02032022		
LIGHT ID (1)	CLOSEST ADDRESS	SENSOR	LIGHT & LENS	FUNCTION
AV 157	438	OK	RESET LENS NEED CLEAN	
AV 158	431	OK	RESET LENS NEED CLEAN	
AV 159	430	OK	NEED CLEAN	
AV 160	415	OK	OK	
AV 161	400	OK	NEED CLEAN	5G
AV 163	340 (846 CONTI)	OK	OK	DUPUY PLATE
AV 164	335	OK	OK	
AV 165	320	OK	NEED CLEAN	
AV1 166	323	OK	OK	
AV 167	306	OK	NEED CLEAN	
	241	MISSING	DAMAGED REPAIR	NO
AV 169	240	MISSING	MISSING	NO
AV 170	234	MISSING	DAMAGED REPAIR	NO
AV 171	240	OK	OK	
AV 172	215	OK	OK	
AV 173	200	OK	DAMAGED REPAIR	
AV 174	201	OK	OK	
AV 175	140	OK	OK	
AV 176	137	BROKE	RESET LENS NEED CLEAN	
AV 178	135	OK	NEED CLEAN	
AV 179	100	OK	OK	

With adequate maintenance replacing, repairing, or cleaning these streetlights additional visible light would deter criminals and provide far greater confidence to residents and guests of the French Quarter.

It is our intention to complete a “spot survey” of worst conditions throughout the French Quarter to establish a priority for mobilizing City resources to repair all streetlights starting with the most hazardous street lighting conditions first.

The full data set of results of this survey can be found in following attachment (SL Survey 10132022).



Best Regards

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## Contact Information

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