



Routine Engineering Services For Streets Projects



Routine Engineering Services
for Streets Projects
Jefferson Parish Government
SOQ 24-021
Resolution No. 144319

Statement of Qualifications

Infinity Engineering Consultants, LLC.

4001 Division Street
Metairie, LA 70002

P: 504.304.0548

F: 504.355.0265

Raoul V. Chauvin, III, P.E.
Principal-in-Charge
rchauvin@infinityec.com

July 16, 2024



INFINITE CAPABILITIES BOUNDLESS POTENTIAL



Contact Persons



Raoul V. Chauvin, III, P.E.
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William J. Thomassie, P.E.
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Nickie Monica
Director of Business Development
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Mark BATTERY
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Jefferson Parish Purchasing Department
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

Re: Routine Engineering Services for
Street Projects in Jefferson Parish
Resolution No. 144319 | SOQ 24-021

Infinity Engineering Consultants, LLC is pleased to present our firm's professional engineering services qualifications to Jefferson Parish for the engineering design of routine street related projects. Upon reading the published request for qualifications and project scope, we believe Infinity's team meets and exceeds the necessary qualifications to undertake any assigned engineering designs to improve roadway systems across Jefferson Parish.

Understanding of Scope

Infinity Engineering understands the scope of work entails providing professional engineering design services on an as-needed basis for sewer projects. These projects can be assigned in locations across Jefferson Parish, and should not exceed \$500,000 per assignment.

Infinity Qualifications

Infinity Engineering Consultants, LLC. is a Metairie, LA based, multi-discipline engineering firm with all of the state licensing requirements to provide professional engineering design services within the State of Louisiana. As a multi-disciplinary firm, Infinity's engineers are able to produce designs in open collaboration from project inception through construction completion. Infinity is ready to provide the following services to Jefferson Parish:

- Civil Engineering Services
- Structural Engineering Services
- Project Management
- Construction Administration
- Mechanical Engineering Services
- Electrical Engineering Services
- Advanced Measurements
- Resident Inspection

For over 20 years, Infinity has been integrally involved with the assessment, engineering design, and construction of municipality utilities across the Gulf Coast. With projects ranging from street replacements to canal embankment refurbishments, Infinity has the experience and the knowhow to design each element of any assigned street-related projects. As a Metairie, LA based firm, Infinity holds a vested interest in our community improvements. With an office only minutes from any job site, Infinity will be able to quickly respond to the needs of Jefferson Parish.

While Infinity has not engaged with any subconsultants for this RFQ, Infinity recognizes the need may arise to engage with subconsultants who are experts within their given field. We welcome the opportunity to work alongside these firms and can provide subconsultant recommendations based on partnerships Infinity has formed.

Infinity is proud of our reputation as being honest, reliable, and capable of providing engineering designs for transportation-related improvements. As such, we have provided within our qualifications packet samples of reference letters that attest to our reputation. Pertinent resumes and project examples for the Infinity team are contained within our submittal. Additionally, it is important to note, due to our work in the petrochemical industry, we carry professional and general liability insurance that often exceeds that required by public agencies.

Firm State Licensing

We steadfastly confirm the following:

- Infinity Engineering Consultants, LLC. is owned and led by qualified, professional engineers:
 - Principal partners Raoul Chauvin, P.E. and William Thomassie, P.E. hold over 32 years of engineering experience, as well as 20 years of responsible charge in their respective specialties of mechanical and civil engineering
 - Both principal partners of Infinity are registered professionals in the State of Louisiana
- Infinity Engineering Consultants, LLC. is within good standing and does not have a history of substandard work
- The firm holds all licenses necessary to legally provide the related professional services in the State of Louisiana
- Infinity Engineering has not engaged in any unethical practices.
- Infinity Engineering is a state-certified Disadvantaged Business Enterprise.

Documents Enclosed

- Transmittal Letter
- Infinity Engineering TEC Form
- Reference Letters

Closing

Infinity takes great pride in the engineering consulting services we have provided to sewerage solutions across the Gulf Coast. We are confident that we have assembled a team of engineers and design professionals that can effectively and efficiently execute any assigned project. We respectfully request the Evaluation Committee to select Infinity Engineering Consultants for this important as-needed infrastructure list, so we can continue to work together to improve the communities across Jefferson Parish.

If you have any questions or require additional information, please call me at (504) 304-0548.

Sincerely,

A handwritten signature in blue ink that reads "Raoul V. Chauvin, III". The signature is fluid and cursive, with the last name "Chauvin" being more prominent and the "III" written in a smaller, distinct script.

Raoul V. Chauvin, III, P.E.
Principal Partner
(504) 304-0548 | rchauvin@infinityec.com

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Streets Projects
Resolution No. 144319

B. Firm Name & Address:

Infinity Engineering Consultants, LLC
4001 Division St.
Metairie, LA 70002

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Raoul V. Chauvin, III, P.E.
Principal
504-304-0548
rchauvin@infinityec.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

William J. Thomassie, P.E.
Principal
504-304-0548
wthomassie@infinityec.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>5</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>2</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>5</u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>4</u> Construction Inspectors	<u> </u> Landscape Architects	<u>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>2</u> Electrical Engineers	<u>3</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>3</u> Engineer Intern	<u> </u> Environmental Engineers	<u>9</u> Drafting/Design
<u> </u> Professional Land Surveyors		<u>38</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical and financial) for each firm. Please attach additional pages if necessary.

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:
YES ☐ NO ☐**

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		
4.		
5.		
6.		
7.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:
24 total Infinity personnel could assist in the design of any roadway projects stemming from this as-needed list.

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

William J. Thomassie, P.E.
Principal

Project Assignment:

Principal-in-Charge

Name of Firm with which Associated:



Years' experience with this Firm:

20

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1992 / Civil/Structural Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering

AL/2009/Civil	AR/2016/Civil	IA/2018/Civil	IL/2018/Civil
IN/2018/Civil	KY/2018/Civil	LA/1997/Civil	MI/2018/Civil
MN/2018/Civil	MS/2006/Civil	OH/2006/Civil	PA/2007/Civil
TN/2018/Civil	TX/2002/Civil	WV/2004/Civil	

Other experience and qualifications relevant to the proposed Project:

Canal Street/City Park Avenue Intersection Improvements – New Orleans, LA

Project manager for the redesign of transportation hub at the corner of Canal Street and City Park Ave. The project extended the streetcar tracks with a terminus in the first turnaround bay on the street. Final designs integrated the streetcar line, bus lanes, vehicular traffic, cycling lanes, and pedestrian walkways into one transportation hub.

Bannerwood Drainage Improvements – Timberland, LA

Project manager for the engineering design for drainage improvement the ¾ square mile neighborhood in Jefferson Parish. Designs consisted of upgrading subsurface drainage on four (4) outfalls from the Bannerwood Subdivision to the Oakwood Canal, and improvements to subsurface drainage along Willowbrook Drive, all in accordance with the Jefferson Parish Subsurface Drainage Improvement Program prepared by Parish Engineers. The upgrading included miscellaneous improvements to lateral drainage connections and replacement of disturbed street, driveways, sidewalks, and utilities.

Mid-City Street Repairs – New Orleans, LA

Principal Engineer for the identification and quantification of Hurricane Katrina **damages to roadways driveway aprons, sidewalks, curbs, and drainage structures**. Infinity **developed a scoping report** including the locations and descriptions of eligible repairs, added repairs, and justification of additional repairs for DPW to obtain additional funding from FEMA.

North Galvez Street Repairs – New Orleans, LA

Principal Engineer for Infinity's **designs for roadway repair and replacement** and all utility improvements for the City of New Orleans project which is funded by bond money. Infinity's designs involved **civil design and construction administration of 5,000 feet of roadway** on a major thoroughfare. Infinity designed the roadway, subsurface drainage, plans and profile, and sidewalk and driveway reconstruction.

TEC Professional Services Questionnaire

VA Medical Center Infrastructure Improvements – New Orleans, LA

Project Manager for the **design of 3,000 lf of streets and utilities** to support new medical center. Designs included all roadway paving, including concrete and asphalt, curb and gutter, **drainage improvements**, and **ADA ramps**.

Concession Street Reconstruction Plaquemines Parish Government – Belle Chasse, LA

Project Manager for the reconstruction of Concession Street. Provided design of drainage improvements for existing drainage system, involved **replacement of pipes and catch basins**. Infinity provided civil design and construction administration. Project required conflict resolution to design around an existing major natural gas transmission line.

Plaquemines Parish Government Seatrain Road Improvements – Belle Chasse, LA

Project Manager for the Improvements to Seatrain Road. Project included the design and contract documents for **roadway, drainage, and utility improvements** for approximately 700 lf of Seatrain Road. The project involved mill, overlay and widening.

Regional Transit Authority Canal Street to UPT Streetcar Expansion – New Orleans

Project Manager for the expansion of the Canal Street Streetcar Line. Project included construction drawings, record specifications, and identification of utility conflict and relocation design. **Utility conflict resolution** involved weekly and daily coordination meetings with Sewerage and Water Board of New Orleans, City of New Orleans Department of Public Works, Entergy and other private utility companies, engineers, managers, and operations personnel.

Wedmore Drainage & Roadway Improvements – Marrero, LA

Project manager for the drainage improvement designs to prevent localized flooding in Jefferson Parish. Designs included upgrading subsurface drainage on four (4) out-falls of the drainage systems. The upgrades included miscellaneous improvements to lateral drainage connections and the **replacement of disturbed portions of street, curbing, driveways**, and sidewalks.

Kostmayer Ave. Resurfacing and Drainage Improvements – Slidell, LA

The City of Slidell requested that Infinity Engineering Consultants present various options to improve Kostmayer Ave. Lead Project Manager in the **drainage design**, material quantities, and cost estimating.

Scarsdale Bridge Load Ratings – Plaquemines Parish, LA

Principal-in-Charge for the **engineering analysis and load rating of two bridges** at the Scarsdale Pumping Station in Plaquemines Parish, LA. Infinity provided a visual inspection and evaluation of the (2) Scarsdale Vehicular Bridges at the Scarsdale Pumping Station in Plaquemines Parish, LA. The (2) 25' wide x 150' bridges have timber pile foundations which support concrete bents and precast pre-stressed concrete decks. The decks support removable steel bar screens. The inspection and analysis were necessitated by a load rating for dump trucks using the site.

Wisner Bridge Inspection – New Orleans, LA

Principal for the **structural condition inspection** of the Wisner Bridge over Interstate 610. The project included documenting and cataloging structural condition and deficiencies for a **3/8-mile-long concrete bridge, spanning 6 lanes of Interstate and 2 railroad lines**. Inspection was performed to LADOTD standards.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Louis Jackson, P.E.
Operations and Quality Control Manager
Civil Engineer

Project Assignment:

Quality Control Manager

Name of Firm with which Associated:



Years' experience with this Firm:

4

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1995 / Civil/Structural Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 2001 / Civil

Other experience and qualifications relevant to the proposed Project:

City Wide Neighborhood Roadway Repairs – New Orleans, LA

Engineer of record responsible for the **development of construction contracts and negotiations for repair of roadways across multiple New Orleans neighborhoods** (Lakeview, BW Cooper, Dixon, and Gert Town). Specific activities included inspecting damaged roadways to develop cost estimations, developing construction documents, and administering all elements of multimillion-dollar construction contracts.

Adele and Fulton Street Reconstruction – New Orleans, LA

Construction manager for **reconstruction of approximately 2000 linear feet of New Orleans streets**, including installation of new water, sewer, and drainage infrastructure. Responsibilities required close coordination with field and office staff of both the Sewerage & Water Board and City of New Orleans DPW for documentation of completed construction work and managing resident inspector staff.

Ridgelake Drive Drainage Improvements – Metairie, LA

Operations and Quality Control Manager for the engineering and design services for drainage improvements on Ridgelake Drive, including **subsurface drainage, new 54-inch outfall, and lateral drainage connections**. Provided design oversight as well as acted as liaison between Infinity and Jefferson Parish to ensure designs effectively met the goals of the scope of design.

Lakeshore Group C & D Street Reconstruction – New Orleans, LA

Operations and Quality Control Manager for the of designing of the **complete street replacement** in the St. Roch neighborhood. The project required replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. **Oversaw detailed budget and contract negotiations** with the City of New of New Orleans. Additionally, ensured timely delivery and effectiveness of engineering of designs.

City of Slidell Roadways Repairs Project - Slidell, Louisiana

Project manager and engineer of record for the **development of construction documents for repair of roadways, curbing, sidewalks, and driveways**. Specific activities included inspecting damaged roadways to identify defects, justification for favorable eligibility determinations, developing construction documents and cost estimates.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ricardo Contreras, P.E.
Civil Engineering Manager

Project Assignment:

Project Manager
Civil/Structural Engineering Manager

Name of Firm with which Associated:



Years' experience with this Firm:

8

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1994 / Civil Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 1999 / Civil FL / 2006 / Civil

Other experience and qualifications relevant to the proposed Project:

West Metairie Avenue Roadway Rehabilitation & Canal Embankment – Metairie, LA

Project manager responsible for the overall design, preparation of plans and specifications, cost estimates, and coordination of all aspects of the **design of roadway, crosswalk, bike lane**, and drainage improvements. The designs included the removal and replacement of concrete paving panels and repair and adjustment of select drainage outfalls that cross beneath the avenue, and implementation of stabilization measures to the canal embankments.

Canal Street/City Park Avenue Intersection Improvements – New Orleans, LA

Assisted with verification of project quantities during design and with construction administration duties for the intersection improvements where Canal Street meets City Park Avenue. The designs of the transportation hub improvements called for **roadway/sidewalk replacement**, underground utility relocation design, terminal mechanical and lighting protection systems, and streetcar track foundations.

Decatur Street Waterline Replacement – New Orleans, LA

Technical lead responsible for designing the complete street replacement in the French Quarter neighborhood. The project required design and **replacement of roadways, sidewalks, and driveways** with the addition of ADA compliant ramps. Responsibilities also included drainage, sewer, and water design as well as analysis, evaluation, and replacement.

Lakeshore Group C & D Street Reconstruction – New Orleans, LA

Technical lead for the complete reconstruction of several concrete streets. Responsibilities included the drainage analysis for the area, removal and replacement of the existing sewer, water, and drainage systems and the **reconstruction of the existing concrete pavement**. Roadway reconstruction included modifications to the existing sidewalks, driveways, and reprofiling of the roadway alignments.

Bainbridge Canal Closure & Roadway Improvements – Kenner, LA

Technical lead responsible for the design and development of the Bainbridge Canal realignment. The improvements included relocating a 1000 ft reach of drainage canal. Responsibilities included analysis of drainage canal cross sectional layout, drainage outfall connections, adjacent infrastructure utilities, and alignment with downstream headwall.

Westgate Roadway & Drainage Improvements – Jefferson, LA

Responsible for the design and coordination of multi-discipline consultants for roadway and drainage improvements for sub-basin 1 through 11 for Jefferson Parish. Designs included approximately 3,200 linear feet of 36" reinforced concrete pipe arch, **8,800 square yards of concrete roadway replacement**, and relocation of utilities.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Cindy Gallo, P.E.
Project Delivery Manager

Project Assignment:

Civil/Structural Engineer

Name of Firm with which Associated:



Years' experience with this Firm:

9

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2014 / Civil & Environmental Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 2019 / Civil TX / 2023 / Civil

Other experience and qualifications relevant to the proposed Project:

Magnolia Street Bridge Replacement and Roadway Improvements – Slidell, LA

Project manager for the detailed design for drainage improvements and the replacement of the existing bridge on South Magnolia Street. Project included coordinating civil and structural designs for the **new aluminum box culvert and foundation**, site grading, a **new asphalt roadway**, sidewalk and driveway repairs, and underground utility relocations.

City of New Orleans Joe Brown Park Bridge Rehabilitation – New Orleans, LA

Project manager responsible for organizing the preparation and delivery of a construction drawing and specification package, coordinating with the owner and the Department of Parks and Parkways, and scheduling all design progress meetings. This project consisted of civil, structural, and electrical design for the **removal and replacement of an existing vehicular bridge**. Prepared the design for the new bridge and foundation and surrounding walking paths.

Whitney Avenue Bike Lane – Harvey, LA

Project manager and project engineer responsible for organizing the preparation and delivery of a construction drawing and specification package for a **new bike lane along Whitney Avenue** in Harvey, La. Design included site layout, grading, intersection modifications, ADA compliance, and coordinating with DOTD on required modifications on state roadways.

RTA St. Charles Avenue ADA Stops – New Orleans, LA

Project manager responsible for a preliminary schematic design for **six intersections to be modified for ADA compliance**. Project consisted of preparation of conceptual drawings and cost estimates, coordinating with the Owner, and scheduling all design progress meetings.

Bannerwood Drainage & Roadway Improvements Phase 1 & 2 – Gretna, LA

Project manager responsible for the bidding and construction assistance phases of the ¾ mile drainage improvements project. Responsibilities included reviewing the design plans and specifications, responding to owner comments, and preparing documents to be submitted For Bid. The upgrades included **miscellaneous improvements to lateral drainage connections and replacement of disturbed streets**, sidewalks, and utilities.

Shintech Water Intake Platform Vehicular Bridge – Plaquemine, LA

Project manager of the engineering team responsible for the civil, structural, mechanical, electrical and instrumentation designs of a new EPA 316B compliant river water intake platform to provide raw/untreated water via a 30-inch pipeline to clarification units within Shintech's SPP3 Plant. Project components included design of the concrete intake platform and **heavy machinery vehicular access bridge** supported by steel pilings/substructures, levee crossing and modifications, piping layouts, pipe support design, hydraulic analyses, and power and instrumentation.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Robert Haydel
Civil Project Designer

Project Assignment:

Civil Project Designer
Hydrologic and Hydraulic (H&H) Study

Name of Firm with which Associated:



Years' experience with this Firm:

4

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2005 / Physics
Master of Science / 2007 / Civil & Environmental Engineering

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Decatur Street Waterline Replacement – New Orleans, LA

Under the direction of Infinity's engineer of record, led a team as project manager in designing the complete street replacement in the French Quarter neighborhood. The project required design and **replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps**. Responsibilities also included drainage, sewer, and water design, analysis, evaluation, and replacement. Additionally, developed construction documents and cost estimates. Special design considerations were given to the timing of street closures due to the prevalence of one-way streets, and the high traffic of the streets.

Bainbridge Canal Closure & Realignment – Kenner, LA

Under the direction of the engineer of record, led Infinity's team as project manager in the development of the Bainbridge Canal realignment. The improvements **included relocating a 1000 ft reach of drainage canal** and the design of a 200 GPM sewer lift station. Responsibilities included analysis of drainage canal cross sectional layout, drainage outfall connections, adjacent infrastructure utilities, and alignment with downstream headwall. Additionally, developed construction documents and cost estimate.

MSY Airport Stormwater Management Master Plan – Kenner, LA

Under the direction of Infinity's engineer of record, led Infinity's team in conducting field investigations of major drainage facilities at Louis Armstrong International airport, as part of a stormwater management master plan. Responsibilities included applying the US EPA Storm Water Management Model to the development of a baseline condition **hydrologic and hydraulic model for the stormwater system**. The master plan culminated in a report consolidating the team's analysis to inform future decisions on stormwater systems at MSY airport.

Lakeshore Group C and D Roadway Improvements – New Orleans, LA

Under the direction of Infinity's engineer of record, led Infinity's team designing the **complete street replacement** in the Lakeshore neighborhood. The project required design and replacement of roadways, sidewalks, and driveways with the addition of **ADA compliant ramps**. Responsibilities also included drainage, sewer, and water design, analysis, evaluation, and replacement. Additionally, developed construction documents (specifications and plan sheets) and cost estimate.

St. Roch North Roadway Repairs – New Orleans, LA

Under the direction of Infinity's engineer of record, led Infinity's team designing in designing the complete street replacement in the St. Roch neighborhood. The project required replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Designs included roadway gradients to create positive cross-sectional and longitudinal drainage. **Hydraulic design/analysis was also required for drainage system design.**

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Michael Riviere, E.I.
Senior Civil Project Designer

Project Assignment:

Civil Project Designer

Name of Firm with which Associated:



Years' experience with this Firm:

12

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1988 / Civil Engineering

Active registration: Year first registered/discipline:

Engineering Intern
LA / 1989 / Civil

Other experience and qualifications relevant to the proposed Project:

St. Charles Avenue ADA Pavement Improvements – New Orleans, LA

Under the direction of Infinity's engineer of record, served as project manager prepared plans for the ADA improvements to several streetcar stops along the St Charles Streetcar Line. The reconfiguration of the streetcar stops created accessible platforms that are deeper; allowing for the deployment of ADA lifts. The deeper platforms required the **widening of the existing median and shifting of the adjoining travel lanes**, as well as, in some locations, the elimination of the parking lane. The plans included new ADA ramps and tactile warning mats along the stop platforms, curb and gutter modifications, new lane stripping, signage, and use of flexible bollards to assist the public through the new lane shifts.

Filmore Group B Complete Street Reconstruction – New Orleans, LA

Under the direction of Infinity's engineer of record, assisted with the designing of **roadway improvements for the complete street reconstruction** of Filmore Drive spanning just over 1000 LF. Responsibilities included designing new roadway design including infrastructure, striping, and street signage.

Canal Street/City Park Avenue Intersection Improvements – New Orleans, LA

Under the direction of Infinity's engineer of record, performed design efforts involved with the overhead contact system and **utility relocation design** and the coordination and preparation of construction drawings, record specifications, and calculations. Prepared project schedule and estimates utilized the Federal Transportation Administration (FTA) project estimate workbook to prepare estimates to the FTA's Project Management Oversight Committee (PMOC) approval.


City of New Orleans CBD Waterline Replacement and Pavement Repairs – New Orleans, LA

Under the direction of Infinity's engineer of record, assisted with the design of temporary water lines, **trenching, bedding, placement of the new waterline and required pavement repairs**. Valves and house connections within the segment were replaced. Fire hydrants along the segment were reconnected and/or relocated. The designs also included large valve pits for 30" water valves; the pit was approximately 18x15'.

Harmony Circle Downtown Loop Repavement Design – New Orleans, LA

Under the direction of Infinity's engineer of record, prepared plans with specification notes for the replacement of concrete pavement along the streetcar track on St. Charles Ave. and Carondelet St. Also prepared plans to restore and repair the cobble stone pattern on Lafayette Mall at Carondelet St. at the streetcar track crossing. **Prepared traffic detour and control plans for the phased construction of this project.**

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kevin Hurtt, P.E. Civil Project Engineer
Project Assignment:
Civil Project Engineer
Name of Firm with which Associated:

Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2019 / Civil Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Civil Engineering LA / 2024 / Civil
Other experience and qualifications relevant to the proposed Project:
<p><u>Terry Parkway Roadway Repairs – Terrytown, LA</u> Under the direction of Infinity's engineer of record, assessed existing road surface conditions and designed replacement of damaged panels. Assisted in designing new grading plan for intersection of Terry Parkway and LA23. Coordinated with LADOTD during development.</p> <p><u>Lakeshore Group C Street Reconstruction – New Orleans, LA</u> Under the direction of Infinity's engineer of record, assisted in assessing existing drainage conditions and designed new pipe layout to improve drainage and meet current Orleans parish requirements. Assessed existing street and sidewalk conditions and made recommendations for repair or replacement.</p> <p><u>West Metairie Avenue Roadway Rehabilitation – Terrebonne, LA</u> Provided construction administration services for roadway and drainage improvement to (2) miles of West Metairie Avenue between Roosevelt Boulevard and David Drive. The project scope also included the reconstruction of the adjacent sidewalks with side street turnout to meet ADA criteria.</p> <p><u>Whitney Avenue Bike Lane – Terrytown, LA</u> Under the direction of Infinity's engineer of record, assisted in the design of a two-way bike lane including the repurposing of existing vehicle lanes, conversion of existing sidewalks, and construction of a median path. Prepared cost estimates and assisted in designing lane striping.</p> <p><u>North River Rd Bridge Replacement – Tangipahoa, LA</u> Project manager for the civil/structural team that designed a replacement bridge for the LADOTD off system bridge program. This included coordination with state and local officials as well as management of an environmental subcontractor. For the preliminary plans of the project, a hydraulic design was performed to the specified DOTD Hydraulics manual to ascertain all viable drainage design options for the bridge.</p> <p><u>Jourdan Road Wharf Substructure Repairs CMAR – New Orleans, LA</u> Participated as a project manager for a team that assessed the condition of an existing pile supported wharf facility operated by the Port of New Orleans. Designed pile repair methods for various pile conditions and accessibility. Also designed and prepared drawings for the demolition and reconstruction of a section of wharf. Coordinated with geotechnical and materials testing subcontractors. Project was designed on a CMAR basis.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John Lawrence, P.E.
Electrical Engineering Manager

Project Assignment:

Electrical Engineering Manager

Name of Firm with which Associated:



Years' experience with this Firm:

2

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1990 / Electrical Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Electrical Engineering
LA / 1998 / Electrical

Other experience and qualifications relevant to the proposed Project:

Jones Creek Rd Lighting – Baton Rouge, LA

Engineer of record overseeing the electrical design, and development of drawings for roadway lighting for a greenfield project extending Jones Creek Rd from Tiger Bend Rd to Airline Hwy. The electrical designs included electrical services and roadway lighting designed to MOVEBR Design Guideline for the nearly 1.4-mile road expansion and vehicular traffic circle.

St. Bernard Port New Generator Installation – Chalmette, LA

Project manager for the design and installation of a new 250kW 208/120VAC, 3ph, 4W, backup generator at the Associated Terminals office building. Once constructed, the backup generator will be skid mounted with an associated diesel tank. The new 250kW generator output feeder will be connected into a new automatic transfer switch (ATS) which will be located on a new platform via use of new conduits and cables.

Jefferson Parish Water Department New Electrical Generators – Marrero, LA

Project manager for the design to upsize new backup generators from 750kW to 1MW to provide for the full redundant power of the system at the Jefferson Parish water plant in Marrero, LA. The additional capacity required the modification of the existing switchgear to accommodate the new size of the backup generators to allow them to provide their maximum power. The new generators were designed to be diesel powered with a new day tank connected in parallel to the existing day tank with a new transfer valve between both tanks.


Avondale Lift Station Backup Generator Addition – Avondale, LA

Project manager for the design and installation to add a new backup power generator for the Avondale lift station within Jefferson Parish, LA. The new 1MW 480/277VAC, 3ph, 4W, backup generator has been designed with an associated 3-day belly diesel tank that will be skid mounted with the generator. The new generator will be installed on a new platform which will adjoin the existing electrical building. The new 1MW generator feeder will tie into a new automatic transfer switch (ATS) via new underground conduits.

Kawanee Sewer Lift Station Generator – Metairie, LA

Project manager for the addition of a backup generator to the Kawanee Street sewer lift station in Metairie, LA. The designs call for a new 480/277VAC, 3ph, 4 wire, backup generator which will utilize natural gas for fuel. Infinity will provide mechanical and electrical engineering designs for the generator, as well as civil engineering for a new concrete slab with pilings as well as a new natural gas line.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Rodney Ziegler Resident Inspector
Project Assignment:
Construction Resident Inspector
Name of Firm with which Associated:

Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Certificate of Technical Studies: Electrical Technology
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Read Blvd. East Group C – Complete Street Reconstruction</u> Performed all resident inspection duties for eight blocks of complete street reconstruction. Included in the project scope was street pavement, sidewalks, drain point repairs, catch basin, and manhole adjustments. Throughout the inspection process, maintained constant contact with project managers to record any variations. Additionally, he prepared technical correspondence and field reports; as well as interpreted construction plans and specifications.</p> <p><u>Black Pearl East Carrollton Group A Water Line Replacement</u> Resident Inspector for replacement of existing water line throughout E. Carrollton & Black Pearl Neighborhoods of New Orleans. The project includes new fire hydrants, pavement, and sidewalks repairs. The project consists of 373 LF of 8" water main and 302 LF of 10" water main replaced with C-900 PVC. An additional 40 LF of 10" water main was replaced with fusible PVC pipe to allow traffic to continue in the intersection.</p> <p><u>N. Broad Street Underpass Pumping Station - New Orleans, Louisiana</u> Performed all resident inspection duties for the mechanical, electrical, and general construction phases of the repairs to the N. Broad Street Underpass Pumping Station project. The project included the following:</p> <ul style="list-style-type: none"> Removal and replacement of one 12" trash pump including pump stand, shaft, intermediate pillow block guide bearings, couplings and bearing support channels Removal and replacement of all discharge piping between each new installed 12" trash pump and the designated to remain 20" discharge wall pipe. Clean, prime, and application of protective coating per specifications and submitted paint schedule to all exposed steel inside building. <p><u>St. Roch North Roadway Repairs – RR176 - New Orleans, Louisiana</u> Provided resident inspection for this roadway repair project. Infinity performed roadway, sidewalk, driveway, utility, and ADA compliant ramp designs and construction documents in alignment with the FEMA Recovery Roads program. Hydraulic design/analysis was also required for drainage system.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1


Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Mid-City Street Improvements New Orleans, LA</p> <p>City of New Orleans Department of Public Works Ainsley Fisher 504-658-8056</p>	<p>Infinity developed a comprehensive scoping report for the City of New Orleans addressing longstanding roadway damage. Based on the scoping report, Infinity was the prime consultant chosen to design roadway improvements throughout the Mid-City area. These improvements included roadway pavement and curbing, base for the roadway pavement, subsurface drainage, water and sanitary sewer installation, and adjustments as required to driveways and intersecting streets. All final grades were made to be compatible with adjacent properties and provide for a positive flow of water toward catch basins. The designs for all intersections and medians complied with ADA requirements for ramps.</p> <p>Additionally, Infinity provided construction administration on this project. Careful consideration was given towards creating construction timelines to minimize the impact of street closures on residents, schools, and businesses.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2021	\$20,000,000	\$20,000,000




PROJECT NO. 2

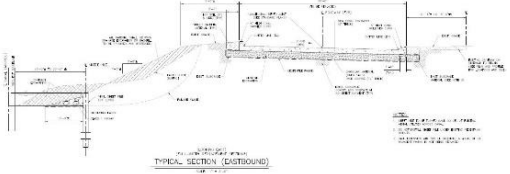
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>24" Waterline Replacement Decatur and St. Peter Streets New Orleans, LA</p> <p>Sewerage & Water Board of New Orleans Mark Van Hala, P.E. 504-930-7223</p>	<p>Infinity is serving as the sub consultant on the 24" waterline replacement along Decatur and St. Peter streets located in the historic New Orleans French Quarter. Infinity's services will be relied on from the design phase through the construction administration phase. Infinity's designs include the replacement of four blocks of 24" waterlines with new 6-8" waterlines. The waterline design package also includes tie-ins of various sizes, new service connections, and new fire hydrants.</p> <p>For all four blocks of the project, complete street rehabilitation will occur. The roadway designs include the following:</p> <ul style="list-style-type: none"> • Removal/Replacement of Existing Drainage Systems • Repair of the Sewer Lines by CIPP Lining • Replacement of the Roadway/Sidewalks to ADA Standards <p>Careful consideration has been given to the preparation of design and construction plans to account for the proximity of the project to the Mississippi River. The construction time frame will be determined by the river's naturally occurring water levels to account for the fluctuating water level near the site.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
100% Designs: 5/2024	\$3,900,000	\$2,000,000


TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Canal Street/City Park Ave. Transportation Hub & Intersection Improvements New Orleans, LA</p> <p>Regional Transit Authority Stephen Mitchell 504-400-6308</p>	<p>Deemed the "worst" intersection in the city by the RTA and Department of Public Works, Infinity redesigned the terminal to improve vehicular and streetcar safety. Infinity was tasked with designing a transportation hub that seamlessly integrated the streetcar line, bus lanes, vehicular traffic, cycling lanes, and pedestrian walkways. The new alignment improved traffic flow by adding proper signalization along City Park Ave. and Canal Blvd., serving over 50,000 cars, buses, trucks, streetcars, and pedestrians every day.</p> <p>Infinity's multi-discipline team collaborated on all components of the civil, mechanical, and electrical engineering needed for this project. Infinity provided in-house design for the complete roadway replacement, track power and support poles (catenary system), underground utility relocation design, terminal mechanical and lighting protection systems, and streetcar track foundations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Jan. 2018	\$9,900,950	\$9,900,950


PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Filmore Avenue Complete Street Reconstruction New Orleans, LA</p> <p>City of New Orleans Department of Public Works Christopher Harris 504-658-8618</p>	<p>Spanning over 1000 linear feet, the Filmore Avenue project was a complete street reconstruction requiring the replacement of concrete and asphalt pavements in patches and/or full blocks. As part of the complete street reconstruction, Infinity provided designs for new domestic sewer, water, and drainage.</p> <p>The roadway and drainage designs included the following:</p> <ul style="list-style-type: none"> • Replacement of concrete, asphalt, and composite pavements in patches and/or full blocks • Replacement of existing 4 ft and 5 ft wide sidewalks and driveway aprons • Roadway lane striping and signage • Designs for full drainage line replacement with the addition of catch basins and drain inlets • Establishment of new grade lines to tie the new systems into the existing lines • Establishment of proposed grade line (PGL) and inverts 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2020	\$6,250,000	\$2,200,000


TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Metairie Avenue Rehabilitation Metairie, LA</p> <p>Jefferson Parish Government Gene Gillen, P.E. 504-832-4878</p>	<p>Infinity is the prime consultant for the restoration of (2) miles of West Metairie Avenue between Roosevelt Boulevard and David Drive. The complete street replacement designs included coordinating work on both sides of the canal to minimize impact to the residential areas. The project required the replacement pavement as well as adjacent canal bank stabilization. Adjacent sidewalks were also reconstructed with side street turnout to meet ADA criteria.</p>  <p>Infinity's designs included improvement to the drainage system along the streets that was based off hydraulic studies. The drainage improvements included the following:</p> <ul style="list-style-type: none"> • Street outfall pipe replacement • Adjustments of longitudinal and transverse slopes • Adjustment of existing and addition of new drain inlets 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Under Construction March 2025 (E)	\$7,000,000	\$7,000,000

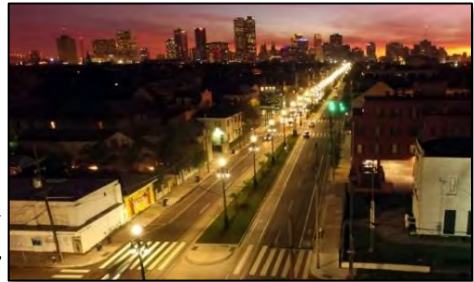
PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sgt. Alfred Drive and Third Street Intersection/Roadway Improvements Slidell, LA</p> <p>City of Slidell Blaine Clancy 985-646-4273</p>	<p>Infinity provided engineering services for the paving repairs of Sgt. Alfred Drive in Slidell from U.S. Hwy 11 to Fremaux Drive; including the heavily traveled intersection of Sgt. Alfred Drive and Third Street.</p>  <p>The project included approximately 6,000 linear feet of asphalt and concrete repairs and associated elevation adjustments of manhole covers and drop inlet grates. Infinity provided the inspection, engineering designs, and construction administration for the removal and replacement of approximately 85 damaged panels, mill and overlay of asphalt sections, and the elevation adjustment of manhole covers and drop inlets. During the construction phase, careful consideration was given to notifying and working with businesses and residential areas to minimize the impact of street closures on daily operation.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2017	\$750,000	\$750,000


TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Kostmayer Avenue Roadway Improvements Slidell, LA</p> <p style="text-align: center;">City of Slidell Tim Mathison 985-646-4330</p>	<p>As the prime consultant, Infinity provided roadway repair and replacement design and all utility improvements for the Kostmayer Avenue rehabilitation project. The project included the asphalt mill and overlay of 3,300 linear feet of street, including striping, drainage improvements, street alignment and handicap sidewalk ramps.</p> <p>The design and construction of this project was carefully scheduled to avoid interfering with activities of a major school, Abney Elementary, on the stretch of repair. This project outlines Infinity's experience in street construction (repair and overlay), drainage construction, striping, and community engagement to plan construction to alleviate traffic congestion.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2013	\$700,000	\$700,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">VA Medical Center Infrastructure Improvements New Orleans, LA</p> <p style="text-align: center;">City of New Orleans Department of Public Works Nguyen Phan 504-658-8021</p>	<p>Infinity provided civil and electrical engineering design for the reconstruction of subsurface utilities and paving for 3,000 lf of major thoroughfare in support of the new VA Medical Complex. These designs corrected deficiencies in street conditions and utilities to support the new medical complex in Mid-City New Orleans.</p> <p>Infinity designed subsurface drainage, sewer force main reroutes, water main reroutes, and underground electrical power distribution reroutes. Additionally, Infinity provided designs for all roadway paving, including concrete/asphalt curb and gutter, and drainage improvements. Utility conflict resolution involved weekly and daily coordination meetings with Sewerage and Water Board of New Orleans, City of New Orleans, Department of Public Works, Entergy, and other private utility companies, engineers, managers, and operations personnel.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2011	\$11,000,000	\$3,000,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Rampart Street Infrastructure Design and Replacement New Orleans, LA</p> <p>Regional Transit Authority Martin Pospisil 504-827-8393</p>	<p>This RTA project involved the expansion of the streetcar line along the Rampart Street to St. Claude lines. Infinity was part of the design team tasked with producing construction drawings, record specifications, and identification of utility conflict and design for the expansion of the Rampart Streetcar line. The utility conflict resolution included natural gas, both high- and low-pressure lines.</p> <p>Infinity provided the construction drawings, record specifications and design for multiple waterline relocations in advance of the new Rampart streetcar line. The designs included the utility conflict resolution of 8", 12", 20", and 24" water lines, associated valves, and other underground utilities along Rampart Street from Canal Street to Elysian Fields Avenue.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2016	\$80,000,000	\$30,000,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">South Galvez Street Lighting Improvements New Orleans, LA</p> <p>City of New Orleans Department of Public Works Josh Hartley 504-658-8042</p>	<p>Infinity provided the lighting design for street lighting upgrades to South Galvez Street between Canal Street and Tulane Ave. Infinity performed a lighting study to determine the required spacing and dimension of the proposed poles. The prepared construction plans included designs for new power distribution and lighting controller systems, as well as specifications for the street lighting installation. The street lighting specifications addressed the following components: lighting layout and design, luminaire selection and specification, and pole foundation design.</p> <p>Additionally, Infinity provided construction administrative services for the installation of streetscape components and infrastructure improvements along South Galvez Street. This included overseeing the addition of landscaping, decorative streetlights, and pedestrian lights. New waterlines and improved drainage were also installed under Infinity's guidance.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2016	N/A	\$4,800,000

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Not Applicable	Not Applicable	Not Applicable
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Project Understanding

Infinity Engineering Consultants, LLC. (Infinity) is proud to present our qualifications for **SOQ 24-021 Routine Engineering Services for Street Projects**. Our multi-discipline staff has the roadway engineering experience to provide Jefferson Parish with viable resources to improve the Parish's roadway infrastructure. As a multi-disciplinary and Jefferson Parish firm, our team of professionals is well-suited for the variety of possible design tasks which will enhance the quality of life for our community. We appreciate this opportunity to submit our qualifications and vision for this important Jefferson Parish contract.



*Kostmayer Avenue Re-Surfacing & Drainage
(City of Slidell)*

Specialized Street Paving Experience

As a local Jefferson Parish business owner, Infinity is proud of the recent strides Jefferson Parish has made in utilizing available funds to improve the quality of our roadways and thoroughfares.

Since Infinity's inception, we have worked closely with Jefferson Parish and neighboring parishes to provide engineering services that have improved our roadways through repaving designs to complete street replacement. As a member of previous Jefferson Parish engineering pools, Infinity has been involved in several key roadway improvement projects. Infinity's recent Jefferson Parish roadway projects have included:

- West Metairie Roadway and Drainage Improvements
- Ridgelake Complete Street & Drainage Design
- Terry Parkway LA23 US90B

Most recently, Infinity has completed the prime consultant role on the Mid-City Street Reconstruction project in Orleans Parish. In one of the most densely packed areas of the City of New Orleans, Infinity was tasked with rehabilitating large section of streets, much of which included repaving. Many of the streets required new curbs, driveways, crosswalks, drainage, and incorporating new S&WB water lines. As part of our package design, Infinity prescribed striping and signage.

Additionally, Infinity has successfully completed other major paving projects in neighboring parishes, such as:

- Filmore Group B (Orleans Parish)
- St. Roch North Roadway Repairs (Orleans Parish)
- South Galvez Streetscape (Orleans Parish)
- North Galvez Street Reconstruction (Orleans Parish)
- Kostmayer Ave. Resurfacing & Drainage (Slidell, LA)



Mid-City Section Boundaries (In Black)

TEC Professional Services Questionnaire

- Sgt. Alfred Turning Lane & Re-Paving (Slidell, LA)
- Seatrain Road Re-Surfacing & Drainage (Plaquemines Parish)
- Concession Street Re-Surfacing & Drainage (Plaquemines Parish)

As far as our success completing projects in other cities/parishes, I will include a recommendation from Tim Mathison, former CAO-City of Slidell regarding Infinity's design of Kostmayer and Sgt. Alfred Streets' Reconstruction: **"Both of these roadway projects were completed on time and within budget. Infinity's employees were professional, knowledgeable, and a pleasure to work with. They were responsible with the budget and cognizant of the needs of the City throughout both projects. I would recommend Infinity for their design capabilities, as well as their professional approach to project management."**

Specialized Louisiana Standard Specifications for Roadways Experience

Much of the technical engineering aspects required for this RFQ are similar to many of Infinity's completed roadway-related projects. In 2017, the Regional Transit Authority of New Orleans (RTA) accepted statements of qualifications for the transformation of the Canal Street/City Park Ave Transportation Hub Enhancements Project. **From a field of local, national, and international firms, the RTA selected Infinity Engineering Consultants as the Prime Consultant for this critically important project.**



Canal Street/City Park Ave Transportation Hub

Prior to our design and construction, this intersection was deemed **the most dangerous in the city** by the RTA and the Department of Public works.

The volume of traffic includes cars, buses, trucks, streetcars, bikers, and pedestrians. The intersection joins two major North-South thoroughfares (Canal Blvd and Canal Street), providing a conduit for workers, students, and tourists back and forth from Lakeview to Downtown. The other major thoroughfare through this intersection is City Park Ave. It is an entrance and exit to Pontchartrain Expressway (Hwy 90) and provides immediate access to Canal St and Canal Blvd and brings thousands of travelers East-West to and from Delgado Community College, cemeteries, and Mid-City residents. Due to its high volume and mixed vehicles, it was a constant source of congestion and accidents.

On City Park Avenue, our design included new turning lanes to accommodate vehicles and streetcars, while **new signalization** created more efficient flow. The acquisition of turning lanes and re-stripping of adjacent lanes allowed for the extension of bike lanes and clear crosswalks for pedestrians to safely navigate.

To accommodate the budget and vehicle movement, construction was staged to minimize the impact. In addition to traffic concerns, the intersection bisects (3) cemeteries and is bounded by historic oak trees. The construction site also required the exhumation of several unmarked graves. Placement of decorative light poles and streetcar power poles were strategically placed to avoid additional burial removal.

Another key transportation project Infinity provided designs for was the **Loyola and Rampart Streetcar Extension**. Infinity was a subconsultant to AECOM to provide utilities conflict identification and design. To quote Bill Norquist, AECOM Associate Vice-President, and Project Manager, **"The design of that new streetcar line was a high-profile project for the RTA and for the City of New Orleans, and Infinity Engineering provided design and construction-phase design support for the preservation and/or relocation of the existing utilities within the new rail corridor. They worked efficiently and effectively to coordinate their design with local utility companies so that their utility engineering design could be implemented within the very tight schedule constraints of the project while minimizing the effects of the required changes on the public.**

As the Project Manager I worked with several members of Infinity Engineering and found them to be efficient, knowledgeable in all aspects of the design to which they were assigned, and always responsive to the changing needs of

TEC Professional Services Questionnaire

AECOM, the RTA, and the project stakeholders. The success of the Loyola Streetcar project was due, in part, to the exceptional design work by Infinity Engineering.”

Specialized Federal Highways Administration (FHWA), American Association of State Highway and Transportation Officials (AASHTO), & Americans with Disabilities Act (ADA) Experience

Infinity Engineering Consultants provides a wide range of civil engineering services, including all forms of roadway and drainage designs. In each case, we follow all State, local and federal codes, as required. We have prepared roadway designs where the limits of work were limited to an interior section of neighborhood street. This has been the situation with most of the repair work being performed in our Mid-City project. On several occasions, the scope of work included an intersection with a state highway. In these instances, interaction and coordination with state agencies were required, and at times, required Infinity’s involvement for permitting. We understand this may be required for tasks assigned under this contract and are prepared to execute the work.

Any infrastructure project must consider the **Americans with Disabilities Act (ADA)** requirements and federal laws requiring provisions for equal access for all individuals. The 1990 Americans with Disabilities Act (ADA) has helped provide equal opportunity to safe and accessible transportation systems. Accessibility laws and guidance require the installation of curb ramps or other modifications when a project alters a roadway. Alteration of roadways may include reconstruction, rehabilitation, and the widening of streets. Resurfacing projects are not always simple asphalt overlays and some resurfacing treatments that trigger the ADA requirements for curb ramp accessibility.



Filmore North Group A ADA Curb Ramps & Crosswalks

We recognize that great civil design is the foundation for a successful project. Infinity is committed to providing civil solutions that will do more than just work. Our goal is to provide solutions that work effectively, efficiently, and are a benefit to the community and follow the codes and standards of the authority having jurisdiction.

Cost Control, Work Quality and the Ability to Meet Schedules and Deadlines Performance

The team proposed for this project is comprised of engineers and professionals well-suited for the scopes of work identified in the RFQ. Per Reda Youssef, P.E. former Jefferson Parish Director of Capital Projects, **“Infinity Engineering Consultants has successfully completed the designs for the Wedmore and Bannerwood Drainage projects, as well as the design of the parish’s new EOC tower. Their team is competent, easy to work with, and communicate well. I would highly recommend Infinity for these types of projects.”**



Wedmore Drainage - West Culvert

Detailed resumes in Section 7 provide further information.

All our projects are completed by, or under the direct supervision of a licensed engineer and based on his/her experienced subject matter. Infinity’s QA/QC procedure provides that all drawings and specifications are further checked before leaving our office. Per Bill Rivera, P.E., Port of New Orleans Planning & Facilities Manager on the design of a new drainage pump station, **“Infinity’s design team assured the needs and goals of the Port for this project were fulfilled.”**

Infinity’s only office is located in the Fat City area of Metairie, LA, minutes away from the various Jefferson Parish governmental offices. Therefore, distance will not hinder our ability to perform appropriately on this project. We have executed multi-million-dollar projects throughout Louisiana, Texas and as far away as Pennsylvania, and the Bahamas. More importantly, the communication between our office, our teaming partners, and the Jefferson Parish will determine the project’s success. Infinity has a history of building strong relationships with our teaming partners. If the scope of an

TEC Professional Services Questionnaire

assigned project dictates the need to work with other consulting firms, we welcome the opportunity to partner with other entities on the as-needed list.

We understand the importance of **budget maintenance**. Therefore, starting at preliminary design, and continuing through the design process, we perform estimates to track the project budget alignment. We make modifications to the design, as required, to adjust appropriately and keep the project within the AFC.

To quote Mark Harrell, COO-Livingston Parish “This was Infinity’s first-time performing engineering design services for the Parish, and I am writing today to say we are beyond pleased with the results.”

Gold Star Team for Project Execution

As stated above, the Engineering and Construction Management Services Pool for Roadway Enhancement and Reconstruction RFQ is an important endeavor for the Department of Public Works. Its success will afford comfort and convenience for present and future users, as the Jefferson Parish community continues to grow and thrive. Improved traffic flow will provide better access to major arteries. Multi-modal transportation choices will also be available, enhancing the quality of life for residents living nearby.

My business partner and I have known each other since Freshman year of high school. We started Infinity with nothing more than our professional experience, registrations, a rolodex, and our reputations. Twenty years and 36 additional employees later, Infinity has been built on successfully completing projects effectively and efficiently. I remind my employees frequently that the engineering community is small, and your reputation as a competent, honest, and capable person is the difference between a long and short career. Infinity’s growth, resilience and repeat business in the municipal and industrial sectors is proof of our reputation. I take great pride in that and expect to continue to build the same trust with Jefferson Parish.

Infinity Engineering recognizes the importance of this program and has assembled the most qualified team to handle all aspects of the project. Thank you for taking the time to learn more about Infinity Engineering Consultants, LLC, and our teaming partners. We look forward to working with you to grow and enhance our communities together.

Raoul V. Chauvin, III, P.E.

Principal

Infinity Engineering Consultants, LLC.

rchauvin@infinityec.com

(504) 304-0548

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  **Print Name:** Raoul V. Chauvin, III, P.E.

Title: Principal **Date:** June 25, 2024



The City of Slidell

Post Office Box 828 • Slidell, Louisiana 70459
Telephone (985) 646-4330 Fax (985) 641-9528
tmathison@cityofslidell.org

TIMOTHY MATHISON
Chief Administrative Officer

FREDDY DRENNAN
Mayor

14 July 2017

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

I am writing on behalf of Infinity Engineering Consultants, whom has provided engineering design and construction administration services to the City of Slidell on various projects.

Over the last few years, we have utilized Infinity for the design of two roadway improvement projects, Kostmayer Avenue Mill and Overlay, and Sgt. Alfred Drive Roadway Improvements. Both of these projects were important improvements to the quality of life for the citizens of Slidell.

For the Kostmayer Avenue project, Infinity was tasked with the rehabilitation of approximately a half mile of roadway. The improvements were to the roadway and associated drainage and sidewalks. Infinity's designs and schedule took into consideration a school located nearby, and all construction was done to minimally interfere with the school schedule and traffic.

Sgt. Alfred Drive was in need of paving repairs along a stretch of just over a mile of the roadway. Infinity's designs included the repair of asphalt and concrete, manhole cover adjustments and drop inlet grates.

Both of these roadway projects were completed on time and within budget. Infinity's employees were professional, knowledgeable, and a pleasure to work with. They were responsible with the budget and cognizant of the needs of the City throughout both projects. I would recommend Infinity for their design capabilities, as well as their professional approach to project management.

Sincerely,

Tim Mathison, C.A.O.

TM/et



June 19, 2018

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

The Regional Transit Authority (RTA), as a political subdivision of the state of Louisiana, owns and operates (via Transdev) buses and streetcars in New Orleans area. In addition, the RTA and Transdev also operate all Mississippi River ferries in the New Orleans metropolitan area, including the Canal Street Terminal ferry that primarily connects riders to the Algiers Ferry Terminal on the opposite bank of the river. For many years, the ferry was used for transporting cars, bikes, and walkers. The current ferry use is limited to walkers and bikes only.

The RTA/Transdev have contracted with many Architectural and Engineering firms for various projects including streetcar expansions, rail modifications and repairs, bus and rail shelters/depots, and office buildings. We have worked with Infinity Engineering Consultants (Infinity) for several years on all of these types of projects. Due to our past experiences with them, and their vast experience providing detailed design of multiple river structures, we selected Infinity to perform the design of the new Canal Street Ferry Terminal.

Infinity provided the design of all dock structural components, including river and land piles, decks and foundations, terminal demolition, civil plans and utility re-locations, electrical, and mechanical components.

The location of the ferry terminal (the foot of Canal Street in New Orleans downtown area) and the fact that the ferry service is a primary source of transportation for many residents of New Orleans makes this project a major capital improvement project for the RTA and the City of New Orleans. Our experience with Infinity has been very positive and we have confidence in their ability to complete this high-profile project, as required.

I would highly recommend Infinity Engineering Consultants for projects requiring any riverfront developments.

Please do not hesitate to contact me at 504.827.8393 or via email at martin.pospisil@transdev.com should you have any questions about this letter.

Sincerely,

Martin Pospisil, EUR ING
Director of Infrastructure
Transdev North America – In Service to the RTA
2817 Canal Street
New Orleans, LA 70119



St. Bernard Parish Government

8201 West Judge Perez Drive Chalmette, Louisiana, 70043
(504) 278-4227 Fax (504) 278-4330
www.sbp.gov

Guy McInnis
Parish President

October 26, 2017

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

St. Bernard Parish Government Department of Public Works is pleased to present this letter of reference for Infinity Engineering Consultants, LLC. The DPW relies on engineering consultants to perform a variety of professional services throughout the Parish, including civil, structural, mechanical, and electrical engineering design.

In 2015, the Parish initiated a system-wide waterline improvement program funded by the Louisiana Department of Health and Hospitals (LDHH) Drinking Water Revolving Loan Fund. The program will replace old cast-iron water potable water pipes with new PVC pipe.

The Angela Street Waterline Replacement project was later fast tracked because the *Naegleria Fowleri* amoeba was detected in that Parish waterline. We contracted with Infinity Engineering Consultants, LLC for the design and construction administration services for this project. Infinity was tasked with the design of approximately 1 ½ miles of waterline along Angela Street and cross streets.

Infinity completed this critical, fast-paced project within the guidelines of the LDHH Drinking Water Revolving Loan requirements. Their staff was responsible with the use of public funds and was a pleasure to work with. I would highly recommend Infinity Engineering Consultants.

Sincerely,

A handwritten signature in blue ink, appearing to read "Guy McInnis", is written over a horizontal line.

Guy McInnis
Parish President
St. Bernard Parish Government

Infinity Engineering, LLC. Organizational Chart

Raoul V. Chauvin, III, P.E.
Principal Partner

William J. Thomassie, P.E.
Principal Partner

Engineering and Operations

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Chief Engineer

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*Operations & Quality
Control Manager*

Stacie Davenport
*Engineering
Document Management*

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*Director of
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Andrew Herbert
Marketing Coordinator

Finance and Administration

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*Contracts & Accounting
Administrator*

Erin Grunberg
Administrative Bookkeeper

Eric Olson
*Drafting and Design
Technical Manager*

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Senior Piping Designer

Quoc Vu
Designer

Diana Babineaux
Designer

Jared Barcia
Designer

Gina Lala
Designer

Shawn Dufrene
Designer

Frank Cherry
Drafter

Daniel Muhsin
Drafter

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Technical Manager*

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Project Designer - Civil

Bryce Barrilleaux
Project Designer - Civil

Robert Haydel
Project Designer - Civil

Michael Riviere, E.I.
Project Designer - Civil

Jack Pokrywka, E.I.
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Brian Lauritsen, E.I.
Project Designer - Mechanical

John Lawrence, P.E.
Principal Electrical Engineer

Matthew Torres, P.E.
Project Engineer - Electrical

Bart Lacombe
Project Designer - Electrical

Dara Bird
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*Advanced Measurements
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Ryan Petit
*Advanced Measurements
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John Lawrence, Jr.
Field Technician

Rodney Ziegler
Construction Inspector