

ALFREDO CELY, PE, MSEM

2235 Soho Bay Court ■ Tampa, FL 33606 ■ 813.638.6650 ■ Alfredo.Cely@verizon.net

SUMMARY

Mr. Cely's work is characterized for engineering solutions to benefit all transportation users, with a special emphasis in improving traffic safety. For the past 12 years he has worked with local and state agencies to improve transportation infrastructure. As an experienced engineer manager he is known for completing projects on schedule and within budgets.

From designing new arterial roadways to resurfacing local roads, Mr. Cely assists public communities to develop, maintain and improve transportation facilities. He is actively involved in transforming existing facilities into multi-modal transportation links, designing traffic calming improvements and assisting public agencies in the development of complete streets. His work includes intersection and roadway safety reviews, ped/bike feasibility studies, shared-use path design, roadway and signing, pavement and marking design. His core knowledge of traffic engineering principles and his experience as a transportation/civil engineer allow Mr. Cely to efficiently design solutions and improvements for our communities' transportation facilities.

RECENT TRANSPORTATION PROJECT EXPERIENCE

LINEBAUGH AVE. & 22ND ST. - ROUNDABOUT

(Tampa, Florida)

CITY OF TAMPA

10/2014 – Present

- Field review for transforming this collector roadway intersection into a roundabout
- Engineering planning for the construction of a single lane roundabout
- Cost analysis to determine funding for the project

MARTIN LUTHER KING BLVD. & LOIS AVE. - ROUNDABOUT

(Tampa, Florida)

FLORIDA DEPT. OF TRANSP.

01/2014 – Present

- Corridor wide analysis to determine best locations for new roundabouts
- Review of potential conflicts at proposed roundabout locations
- Cost analysis to determine funding for the project
- Preliminary Engineering of multiple roundabout alignments

GUNN HIGHWAY SAFETY IMPROVEMENTS

(Tampa, Florida)

FLORIDA DEPT. OF TRANSP.

01/2014 – Present

- Review of applications for Federal Safety Funding
- Field review of conditions on this 15 mile arterial segment
- Cost analysis of safety improvements

SWANN AVENUE – COMPLETE STREETS

(Tampa, Florida)

CITY OF TAMPA

02/2012 – 03/2012

- Developed signing and marking plans for Swann Avenue – Complete Streets
- Reviewed roadway geometry to effectively add bike lanes to the corridor
- Project completed within 6 weeks to meet accelerated schedule

VOLUSIA COUNTY – PEDESTRIAN FEASIBILITY STUDIES

(Volusia County, Florida)

VOLUSIA COUNTY

05/2010 – 05/2011

- Site review of existing roadway geometry and traffic operations
- Review of future neighborhood plans and zoning
- Identification of community pedestrian connectivity needs
- Developed multiple options to improve current facilities for ped safety and connectivity

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PROFESSIONAL EXPERIENCE

ELEMENT ENGINEERING GROUP, LLC

TAMPA, FLORIDA

Senior Engineer

1/2015 – Present

- Lead Engineer for roadway safety projects in the Tampa Bay Area
- Project design and contract management for transportation projects

AMERICAN INFRASTRUCTURE DEVELOPMENT, INC.

TAMPA, FLORIDA

Senior Engineer

4/2012 – 01/2015

- Transportation development design and engineering
- Roadway safety design for multiple public agencies

SPRINKLE CONSULTING, INC.

LUTZ, FLORIDA

Project Engineer

10/2005 – 4/2012

- Bicycle and Pedestrian Feasibility Studies
- Roadway safety reviews for all transportation modes

INFINITY ENGINEERING CONSULTANTS, LLC

NEW ORLEANS, LOUISIANA

Associate Engineer

02/2005 – 09/2005

- Designed and modeled steel and concrete structures
- Deep foundation design

PROFESSIONAL SERVICE INDUSTRIES, INC

JEFFERSON, LOUISIANA

Engineering Technician

06/2004 – 02/2005

- Trained new field and lab technicians
- Performed diverse soil laboratory tests

DEPT. OF CIVIL & ENV. ENGINEERING (UNIV. OF NEW ORLEANS)

NEW ORLEANS, LOUISIANA

Secondary Research Assistant

10/2003 – 05/2004

- Researched options to determine sources of river contamination
- Created databases to evaluate hydrological analysis with computer models

PROFESSIONAL ASSOCIATIONS

2015 Young Engineer of the Year Award – American Society of Civil Engineers, Florida West Coast Chapter

2012-14 Chairman Transportation and Development Institute – American Society of Civil Engineers, Tampa

2010-12 Vice-President American Society of Civil Engineers – Young Engineers Group, Tampa

Member - Street and Highway Operations Technical Committee – American Society of Civil Engineers

Associate Member - Aviation Planning and Operations Committee – American Society of Civil Engineers

Committee Friend of the Transportation Research Board's Pedestrian Technical Committee

Committee Friend of the Transportation Research Board's Bicycle Transportation Committee

EDUCATION

M.S. Engineering Management ■ University of South Florida ■ December 2007 ■ Top 5%

B.S. Civil Engineering ■ University of New Orleans ■ December 2004 ■ Magna Cum Laude

REFERENCES

Available upon request.