RFQ #410

Capital Improvement Master Plan for the Central City CRA Area

City of Ft. Lauderdale

MARCH 3, 2025

PREPARED BY **ALTA PLANNING + DESIGN, INC.**

IN ASSOCIATION WITH
DRMP
ISC
WGI

alta

Paulette Hemmings Turner
Senior Procurement Specialist
pturner@fortlauderdale.gov

MARCH 3. 2025

Re: Capital Improvement Master Plan For The Central City CRA Area

Dear Ms. Turner and Members of the Selection Committee:

On behalf of Alta Planning + Design, Inc. (Alta), I am pleased to submit our proposal for the City's Central City CRA Capital Improvement Master Plan (CIMP). The CIMP will serve as the area's roadmap to providing needed infrastructure improvements for enhanced quality of life and economic development. Undertaking the CIMP requires a multi-disciplinary team that understands the community, translates their needs, and applies cutting edge practices that maximize the City and CRA's resources for implementation.

Alta's mission centers on supporting and enabling community efforts to promote, encourage, and provide safer and more comfortable transportation facilities for all modes of travel. Our team members, DRMP, WGI, and ISC, are local experts in stormwater management, land use regulations, and community engagement. Our team is uniquely qualified to support the City in this effort for the following reasons:

- **We have unparalleled multimodal transportation expertise**: Alta has led hundreds of transportation plans across the United States, including in Florida. We will combine our national expertise with our deep local knowledge to deliver an implementable CIMP. Our truly integrated multidisciplinary team of planners, engineers, and landscape architects will bring forward a comprehensive list of infrastructure projects that consider all modes, stormwater impacts, land use patterns, at-grade rail crossings, and sustainable practices like green infrastructure.
- **Our approach integrates land use and transportation**: Our approach will focus on implementing CIP projects with co-benefits. Building upon planned investments within the Central City CRA area, our integrated land use and transportation approach will leverage the Sidewalk Master Plan, CRA Rezoning Project, and Fortify Initiative to foster mixed-use environments and multimodal transportation options. We will connect existing and planned infrastructure into a cohesive network, removing transportation barriers and enhancing safety and mobility through the CIMP project list. Specifically, we will maximize CIP project benefits by incorporating multiple infrastructure goals into each project—including underground utilities, stormwater management, green infrastructure, complete streets, pedestrian safety, accessibility, and streetscape enhancements. This efficient, cost-effective strategy will accelerate infrastructure improvements and can serve as a citywide model for building out capital improvements.
- **We will apply our award-winning community engagement tools to build consensus**: We will apply innovative public outreach tools to deploy a multi-faceted public outreach process. We will also engage stakeholders and the business community through interviews, walk audits, and focus groups to capture needs. The goal is to deliver a plan that lets the community know we heard their voices, and that their feedback is reflected in the recommendations and projects.
- **We will leverage our knowledge of Fort Lauderdale, Broward County, and Southeast Florida**: We will work with the City and the CRA to align the CIMP with current, programmed, and planned City, County and FDOT efforts. We will make sure that the CIMP aligns with Fast Forward Fort Lauderdale 2035 Vision Plan and Press Play Fort Lauderdale. Additionally, our team has extensive experience working in the Tri-County area, which means we will be ready to hit the ground running from day one. We have led the Tamarac Multimodal Transportation Master Plan, the West Palm Beach Downtown Mobility Master Plan and its current update, the Boca Raton Downtown Mobility Study (currently underway), Miami Beach's Meridian Avenue Protected Bike Lanes (first in the City), and helped create the Broward MPO Complete Streets Master Plan, among other projects.

We are eager to assist you in delivering this impactful plan that will enhance livability and advance economic vitality. Should you have any questions, please do not hesitate to contact me. We greatly appreciate your time and consideration and look forward to hearing from you.

Sincerely,

Ryan Sharp, PP, AICP
Principal-in-Charge
ryansharp@altago.com
(561) 208-6785

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4.2.2

Executive Summary

Executive Summary

ALTA PLANNING + DESIGN, INC.

Business Structure
Corporation
FL Business #F09000003824

Local Office
433 Plaza Real, Suite 275
Boca Raton, FL 33432

Corporate Office
101 SW Main Street, Suite 2000
Portland, OR 97204
www.altago.com

Supervisory Staff
Katie Mangle | Vice President, authorized to bind firm
Portland, OR

Ryan Sharp, PP, AICP | Principal-in-Charge
Boca Raton, FL

Alia Awwad, PE | Principal - Project Manager
Boca Raton, FL

Stephanie Garcia | Assistant Project Manager
Boca Raton, FL

Key Elements

Alta has assembled a team that offers critical local knowledge of the City's community character, regulatory framework, design guidelines, and land use development patterns. Members of our team either live in the city or have worked for the City. Through our work with the City and partner agencies including the County, MPO, and FDOT, we have our pulse on local and regional challenges and opportunities. We also understand the development community and will engage them for this important project.

We combine this knowledge with our unparalleled national expertise in visioning, designing, and implementing innovative multimodal infrastructure that stands the test of time. We do this by engaging the community early and often, liaising with stakeholders and public and private partners to gain consensus, and offering a solid technical foundation for the proposed improvements. Our team has civil, roadway, stormwater, and structural engineers, technical planners, visionary landscape architects, and outreach specialists on deck who together will bring the City and CRA the most desirable outcomes.

Our approach to the Capital Improvement Master Plan (CIMP) is one that focuses on creating a safer, healthier, and more resilient community. We will build off transformative efforts such as the NE 13th Street project and the Sunrise Gateway project and leverage development opportunities to advance infrastructure improvements. Our research, data collection, and analysis process will focus on assigning the most efficient and effective techniques to the specialty team members for different subtasks, including compiling GIS data, conveying the zoning landscape, and establishing a comprehensive, cohesive set of both above- and below-surface infrastructure information. Our community engagement approach will focus on deploying diverse outreach tools, with the goal of reaching everyone in the community; a metric of a successful CIMP is one that the community helped create.

Additionally, we strongly believe that a picture is worth a thousand words, and this is represented in the intricate renderings and photo simulations that we produce to sell compelling multimodal streetscape designs. These designs have unique attention to detail that will leverage opportunities for urban cooling, placemaking, upgrading stormwater infrastructure, and cutting costs. Finally, our implementation approach is one that will map out not only project costs and phases, but also specific funding streams that will lead to implementation. We have successfully done this for communities in Broward County, other parts of Florida, and across the country. Part of this project's success will be identifying matching grant opportunities. Our team has helped communities secure over $1 billion in grant funding through "telling the story" of the community and the project(s). By the end of the CIMP, the City and the CRA will have a clear, practical, and feasible blueprint to enhance infrastructure in the Central City CRA.

4.2.3

Firm Qualifications and Experience

Alta is a sustainable transportation consulting firm dedicated to creating active, healthy communities through planning, landscape architecture, engineering, and education/encouragement programs.

Our work brings about positive change by creating places that are geared towards moving people, connecting community members to daily needs, and empowering every person to live an active, healthy life.

Alta was founded in 1996, when cities and communities were calling for safer streets for all road users. We pioneered the field of active transportation and evolved into a visionary multimodal practice. As a global leader in mobility innovation, we are dedicated to working across disciplines to address social justice, safety, and environmental resilience.

SUSTAINABLE BUSINESS PRACTICES

Alta is committed to the development of a sustainable global community by enhancing transportation options and reducing our own carbon footprint. Our environmentally conscious business practices are demonstrated by these three examples, which were implemented when we were founded in 1996:

- Alta's in-house "Green Team" strategizes new and innovative ways to reduce waste, cut costs, and develop a culture of sustainability.
- To promote non-driving commutes, Alta provides transit and local bike share pass reimbursement and bike tune-ups to employees, as well as secure bicycle parking and shower facilities.
- Alta locates offices strategically throughout the country to reduce the required travel distances and related environmental impacts. Alta is also committed to the creative use of technology to minimize the need for travel; our clients have reported satisfaction with our use of video conferences and webinars for certain types of meetings.

The cycle track along the Hampline (Broad Avenue corridor) connects two major parks in Memphis, TN and has been the centerpiece of the revitalization of the Broad Avenue Arts District.

ALTA PLANNING + DESIGN, INC.

Years of Experience
29 years

Business Structure
Corporation
FL Business #F09000003824

Size of Firm
230 Employees
20 Offices

Local Office
433 Plaza Real, Suite 275
Boca Raton, FL 33432

Corporate Office
101 SW Main Street, Suite 2000
Portland, OR 97204
www.altago.com

Point of Contact
Alia Awwad, PE | Principal
(561) 287-6179
aliaawwad@altago.com

Experience with Broward County Transportation System Surtax Projects

✓ Tamarac Multimodal Transportation Connectivity Master Plan

Firm Qualifications

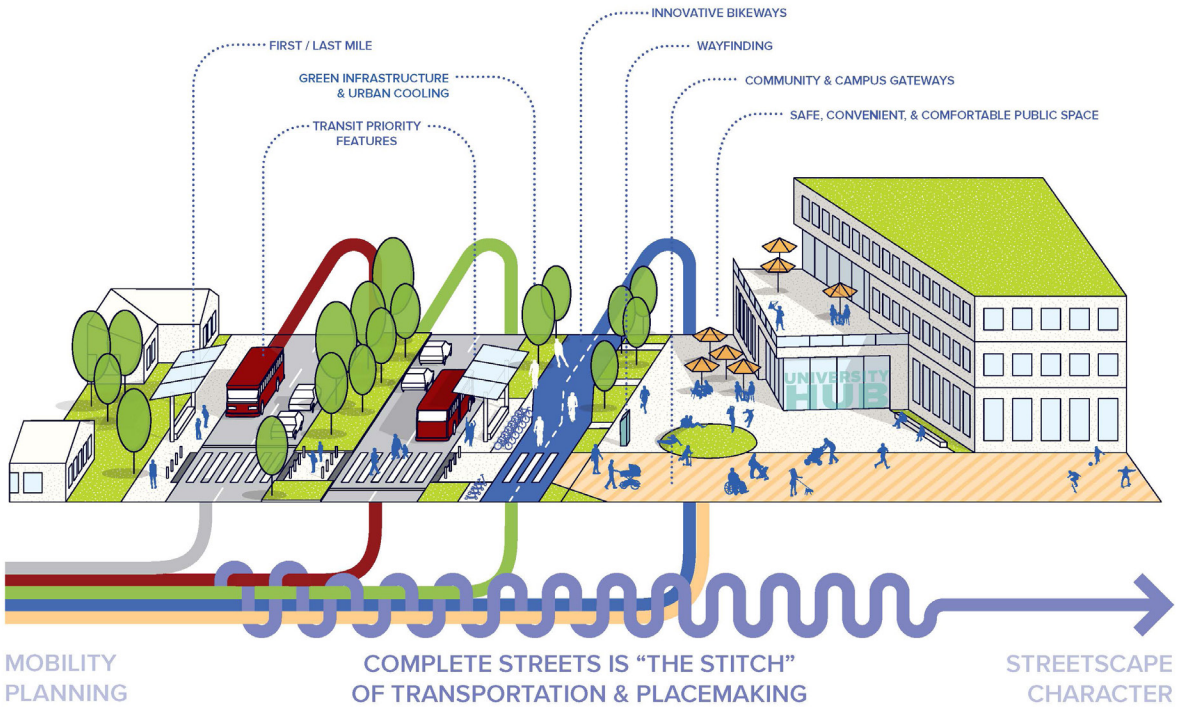
MULTIMODAL STREET DESIGN

We are dedicated to fostering and prototyping innovative mobility concepts to advance sustainable, equitable, safe, and connected transportation. Alta is a leader in the research, design, and advancement of progressive multimodal facility design. Our staff has specialized expertise in traffic calming, on-street bikeways, context-sensitive design, Safe Routes to School, Complete Streets, transit corridors, access, circulation, urban design, new mobility integration, and many other aspects of creating safe and intuitive on-street facilities that work seamlessly with adjacent sidewalk and trail systems. Our team of civil engineers, traffic engineers, and landscape architects understands how to create multi-modal streets that respond to the 21st century needs of pedestrians, bicyclists, transit users, and motorists.

URBAN DESIGN

Alta's Landscape Architects and Urban Designers use our unique expertise in active transportation planning and design to strengthen the identities of cities, towns, and corridors, while making them more livable, people-focused, and vibrant. We use an engaging public input process to guide design options and our experience with NACTO, CNU/ITE, AASHTO, MUTCD, and ADA standards and guidelines to see that the project implementation reflects the intent of the design. Our specialties include:

- **Streetscapes and Urban Spaces**: We understand the opportunities, challenges, funding and management mechanisms, and maintenance standards specific to developing urban spaces. Our streetscape, placemaking, and urban designs enhance opportunities for increased livability and vitality. These investments are aimed at producing both economic and quality of life benefits.
- **Community Spaces**: Alta designs corridors and alleys to be livable, people-focused, and vibrant. Our Complete Streets approach creates opportunities for people to choose how they move through a public space, while enhancing the function and character of spaces through traffic calming, streetscape elements, and green infrastructure. Alta has brought this design approach to alleys, downtowns, neighborhoods, schools, and trailheads.
- **Complete Streets**: Our Complete Streets approach creates opportunities for people to choose how they move through a community, while enhancing the function and character of a street through traffic calming, streetscape elements, and green infrastructure. Alta is experienced with addressing technical and community issues, seeing that applicable standards are met, the intended users are well served, and conflicts and impacts are avoided.
- **Green Infrastructure and Best Management Practices**: Alta blends ecological function with landscape aesthetics by incorporating best management practices, durable materials, and green infrastructure elements into our designs. Our planting,



grading, and irrigation concept plans are intertwined to create durable landscapes that conserve water resources and require low maintenance.

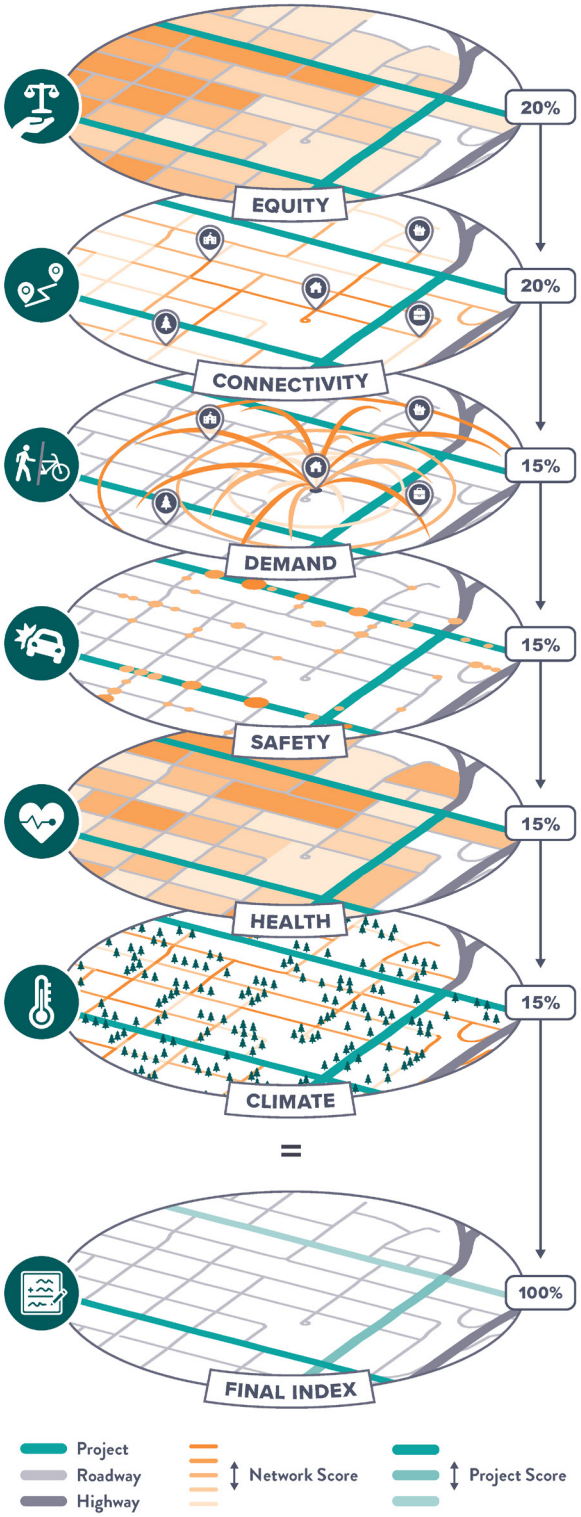
- **Resilient Landscape Architecture**: The public right-of-way is one of a city's most valuable assets. We find ways to better utilize sidewalks, streets, and alleys, which often represent the vast majority of a city's public space, by designing them to have co-benefits for pedestrians, communities, and the ecosystem. We help communities determine the cost-benefits of implementing green infrastructure, and prioritizing elements like tree coverage and stormwater capture. These create an abundance of positive impacts including more resilient urban canopies, pollinator and wildlife habitats, and water conservation.
- **Wayfinding, Gateway, and Signage Systems**: Alta's wayfinding, gateway, and signage systems are inventive and reflect an area's identity while addressing the needs of pedestrians, bicyclists, drivers, and transit riders. We understand the key elements of creating systems that are safe, navigable, and accessible. Our thorough and specialized understanding of federal and state MUTCD, DOT, and ADA standards allows us to be creative while meeting specific requirements.
- **Design Guidelines**: Alta regularly develops user-friendly local and national guidelines for the implementation of bicycle and pedestrian facilities based on our 25+ years of experience planning, designing, and implementing these facilities. We develop visual descriptions of how to implement traditional and progressive bicycle and pedestrian improvements based on a review of existing bicycle and pedestrian master infrastructure and policy recommendations, existing conditions, and our best practices knowledge. Alta staff develop site-appropriate cross-sections, enlarged plans, and 3D visual simulations to clearly layout guidelines tailored to districts, cities, regions, states, or countries.

PRIORITIZATION AND EVALUATION

Alta specializes in navigating methods to prioritize and evaluate projects and programs that allow communities to get the biggest bang for their buck on multimodal investments and enable a more performance-based practice.

Transportation investments are increasingly expected to address a range of community goals, such as improved mobility, economic development, equity, environmental justice, supporting recreation and healthy habits, and mitigating climate change. Alta's strategies, tools, and frameworks help communities transform their goals into metrics they can use to prioritize projects and evaluate progress into the future. Whether creating custom web-based applications to identify infrastructure buildout phasing or evaluating prevailing speeds after a traffic calming project using location-based services, Alta helps communities evaluate projects and programs to gain greater value on multimodal investments and enable a performance-based practice.

***Prioritization:** Where Community Goals & Data Meet*



Downtown Mobility Hub Rendering

DATA COLLECTION

Understanding where people walk and bike is critical to improving local networks. Collecting counts, conducting surveys, and developing inventories of field conditions by way of on-the-ground efforts or online engagement tools can provide insights into collision data, help track the performance of infrastructure projects and programs, and inform decision making processes. Alta combines a deep understanding of available data sources, data collection methods, and public engagement to create community-specific performance measures. Whether it's setting up a process to evaluate progress towards statewide active transportation goals or measuring the day-to-day influence of a tactical urbanism project, we can help your community measure the performance of bicycle and pedestrian projects.

WEBSITE DESIGN AND DEVELOPMENT

Alta's in-house web design and development team creates websites built on top of an easy-to-use content management system. We can work with existing branding or graphics materials or create a look and feel from scratch. We can build websites that are mostly for pushing information out, or we can include interactive features like input maps, virtual open houses, story maps, surveys, and interactive graphics. All our products are mobile-friendly and ADA accessible, and we can add SEO value as well. Our websites feature an adaptive/responsive single-page template that allows for a range of content to be accessible across all devices and major browsers. The website allows Alta and project staff to easily update key site information and allows the public to easily interact with and view posted information and resources. Our team can also develop advanced sites to host more robust and complex content and display it in creative and interactive designs.

RENDERINGS

Alta creates graphically compelling maps, photo-simulations, cross-sections, 3D models, videos, and plans to explain conceptual designs and help agencies, elected officials, stakeholders, and the public envision their community with new improvements. Our skilled planners and designers use these tools to facilitate discussions about what design is most appropriate for a particular site by allowing people to see it from different perspectives.

NEIGHBORHOOD (RE) DEVELOPMENT

Alta has a unique practice that is centered on Complete Streets and bicycle and pedestrian facilities. Because of this specialization, we have the expertise needed to resolve transportation, urban design, and land-use issues to create connected, vibrant, and livable communities. We excel in planning and designing solutions that result in economic growth for business districts and create environmental, social, and health benefits for the community. Our staff have specialized expertise in areas such as land-use planning, traffic calming, context-sensitive design, Complete Streets, Main Streets, transit corridors and access, multi-modal design, and urban design that will result in a holistic vision and effective business district plans.

Minimum Qualifications

2.8.1 *- Proposer or principals shall have relevant experience in preparing Master Plans – Transportation Planning. Project manager assigned to the work must have at least Five (5) years' experience in Transportation Planning and must have served as project manager on similar projects as indicated in the scope of work.*

Alta Project Manager Alia Awwad, PE, exceeds these qualifications. Please see our **Project Manager Spotlight on page 12** for details.

2.8.2 *- Before awarding a contract, the City reserves the right to require that a firm submit such evidence of its qualifications as the City may deem necessary. Further, the City may consider any evidence of the financial, technical, and other qualifications and abilities of a firm or principals, including previous experiences of same with the City and performance evaluation for services, in making the award in the best interest of the City.*

Alta can provide any further information necessary as deemed by the City.

2.8.3 *- Neither Firm nor principals shall have any record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude, or any conflicts of interest that have not been waived by the City Commission.*

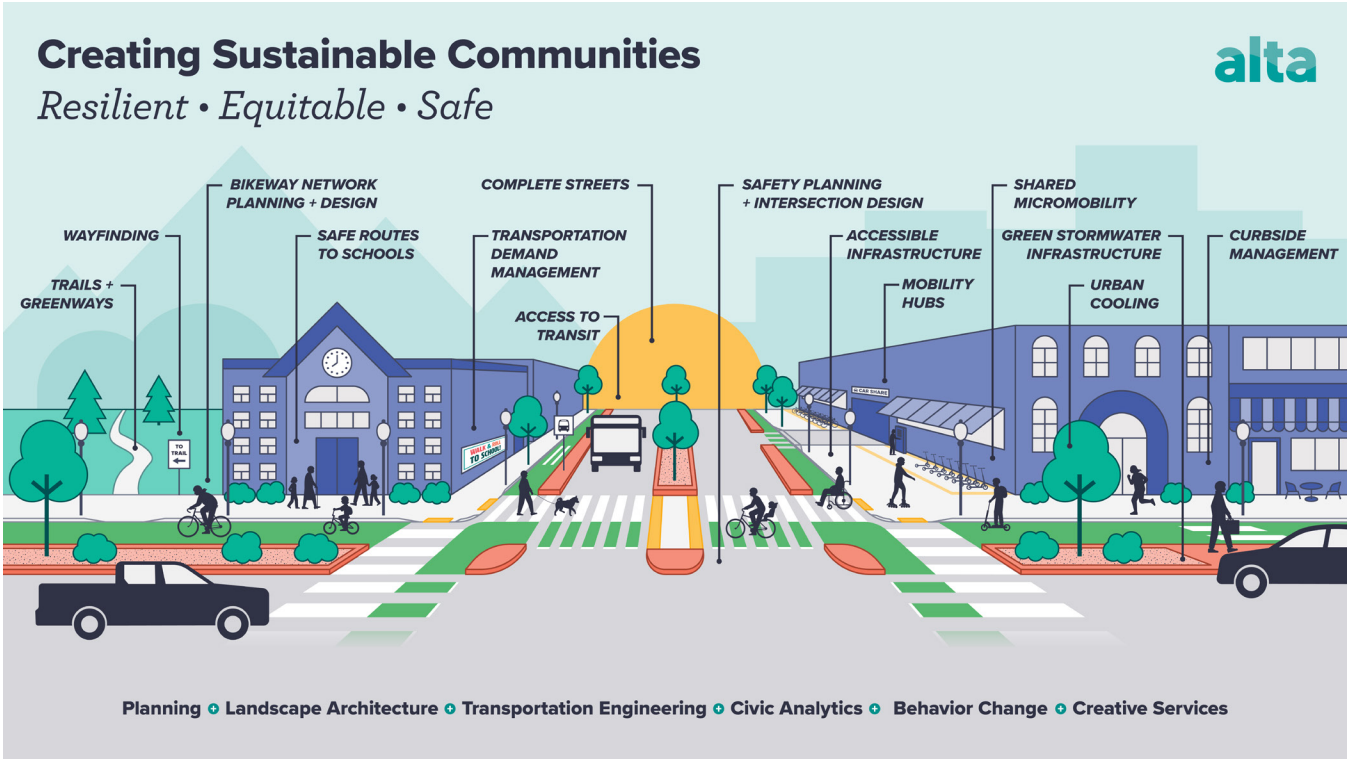
Neither Alta Planning + Design, Inc. nor its Principals have any record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude, or any conflicts of interest that have not been waived by the City Commission.

2.8.4 *- Neither Firm nor any principal, officer, or stockholder shall be in arrears or in default of any debt or contract involving the City, (as a party to a contract, or otherwise), or have failed to perform faithfully on any previous or current contract with the City.*

Neither Alta Planning + Design, Inc. nor its Principals, officers or stockholders are in arrears or in default of any debt or contract involving the City, (as a party to a contract, or otherwise), or have failed to perform faithfully on any previous or current contract with the City.

2.8.5 *- Consultant(s) must be appropriately licensed and registered in the State of Florida in the required field of service required.*

Alta Planning + Design, Inc. is licensed and registered in the State of Florida for Landscape Architecture and Engineering (#31108). Alta is registered as a Corporation in Florida (#F09000003824).



Project Manager Spotlight

Alta's Project Manager, Alia Awwad, PE, brings over **23 years of experience** managing projects that help communities implement innovative multimodal mobility options. As proposed Project Manager, Alia will apply seamless project initiation and execution, which centers on maintaining a clear and consistent line of communication throughout the project. This will be spelled out in a robust and detailed project schedule, regular meetings, and troubleshooting any issues that may arise.

Alia will also ensure that team member coordination is timely and efficient, utilizing the diverse skill sets on the team in a cross-collaborative manner that best serves the City to execute the Capital Improvement Master Plan. Recognizing that this effort will define planning and implementation in the region for years to come, Alia will ensure that strategies are community-focused, targeted, and implementable.

Alia's planning perspective is grounded in engineering and feasibility. Alia's portfolio includes designing urban streets and intersections, overseeing traffic operations and analysis, and leading numerous transportation planning projects and initiatives. Her unique background as a "plangineer" allows her to transect industries and understand the language of diverse audiences.

Additionally, having worked in both the public and private sectors, Alia is intimately familiar with the nuances that must be navigated to get to the ultimate outcome of zero traffic deaths.

Alia has worked throughout South Florida, including as the City of Fort Lauderdale's Traffic Engineer. While charged with multiple responsibilities at the City, including managing redevelopment project mobility and parking traffic mitigation impacts, Alia's ability in communicating complex technical issues has helped the City advance many of its efforts and initiatives. This includes enabling the City to gain unanimous Broward County Commission approval for Downtown Fort Lauderdale's Land Use Planning Amendment (LUPA). The LUPA required a creative approach to analyzing traffic impacts of adding residential density to Downtown. Multiple conversations with the BMPO, County, Land Use Planning Council, and FDOT ultimately led to building trust, and ultimately, consensus.

Alia is a registered Professional Engineer in FL (#76279); GA (#035234); AL (#2954); DC (#PE923247); NJ (#24GE05623300).

KEY RESPONSIBILITIES

As Project Manager, Alia will be responsible for the following key functions:

- Coordinate with the City to maintain consistency
- Monitor team performance and quality
- Manage technical resources and resolve project issues
- Create opportunity to bring added value to the project, including time and cost-savings
- Participate in community outreach
- Resolve internal/external conflicts in a timely manner

"Alia and her team at Alta have provided highly professional, flexible, and responsive consulting services throughout our planning process... The team helped build and maintain support for the project from elected officials, partner agencies, and throughout the community."

— JONATHAN D. RAICHE, AICP, PLANNING & DEVELOPMENT SERVICES DIRECTOR
City of Kirkland Vision Zero Action Plan

"Alta, with Alia as Project Manager, did a great job navigating Nashville's needs and evolving direction during the project. Alta was responsive and creative, setting Nashville up for emerging opportunities for federal funding pursuits and other implementation tasks.

— ANNA DEARMAN, AICP, NDOT WALKING & BIKING MANAGER
City of Nashville and Davidson County Vision Zero Action Plan

Subconsultants

DRMP, Inc. (DRMP) was established in 1977 by a team of engineers and surveyors who saw a growing demand for integrated professional services. Through collaboration, they provided clients with consistent and reliable project outcomes. This collaboration led to the formation of a single, full-service company with a strategic plan for expanding its services, geographic reach, and workforce.

Today, DRMP operates 23 offices across Florida, Georgia, North Carolina, South Carolina, and Virginia. The firm is consistently ranked in Engineering News-Record's "Southeast Top Design Firms" and "Top 500 Design Firms" in the United States. DRMP remains committed to the core principles it was founded on: expertise, quality, leadership, trust, and respect.

Their diverse portfolio spans community parks, streetscape improvements, utility upgrades, stormwater infrastructure, and site designs, showcasing their understanding of coordinating with multiple agencies and seamlessly integrating environmental considerations, pedestrian safety, and aesthetic spatial requirements into their designs. They place a strong emphasis on transparency in municipal improvement projects, engaging with government officials, civic organizations, special interest groups, and the public to ensure a fair and open decision-making process. In the Review of Engineering Plans, DRMP offers comprehensive expertise, conducting plans review for both municipal capital improvement projects and private sector developments. Through direct coordination with city staff, they address code requirements and intricate design elements, providing detailed proposals for services ranging from construction documents to construction closeout.

Infinite Source Communications (ISC) is a DBE- and WBE-certified firm that has successfully led public involvement efforts for numerous transportation projects across Broward, Palm Beach, and the Treasure Coast, ensuring that community feedback directly informs project decisions. Their outreach for the Next Stop Fort Lauderdale Boulevard projects fostered meaningful public dialogue through meetings and in-person engagement. Similarly, their efforts for the SW 10th Street Connector PD&E Study helped build consensus among residents, while personalized outreach for the SR 93/I-75 Interchange project strengthened local support. Additionally, their partnerships with municipalities for safety campaigns, such as the Be Rail Smart Campaign, have demonstrated the power of collaboration in promoting public awareness.

From managing public involvement for major initiatives like FDOT's 75 Express Managed Lanes and Miami-Dade TPO's S.M.A.R.T. Map 2050 Long Range Transportation Plan to coordinating community engagement for projects in Miami-Dade and Monroe Counties, ISC remains a trusted leader in outreach. Our deep-rooted relationships with local agencies, municipalities, and community leaders enable them to foster transparency, build trust, and ensure the public has a voice in the decision-making process.

WGI is a national design and professional services firm headquartered in south Florida. Their firm is already in the field employing advanced technology-based solutions to construct public and private infrastructure and real estate development. WGI is an industry leader in incorporating trends and solutions into plans that create successful and sustainable communities.

WGI holds an advantage of convening multiple disciplines within one company with the ability to assess the multifaceted aspects planning, design, and implementation. This is critical for anticipating possible disruptions and quickly responding to issues that involve civil and structural engineering, the environment, parking, land use and zoning, mixed use communities, open space, stormwater management, utilities, land use and zoning, mixed use communities, open space, and stormwater management. Their experience with multiple sectors offers a wide range of expertise where institutional, public, and private interests coincide.

As the ability to collect, fuse, analyze, and communicate data becomes commonplace within the planning and engineering industry, WGI continues to be future-ready, auditing and assessing conditions and gaps, right-sizing data strategies to support goals and objectives, aligning plans at various scales to include health, economic development, and equity, and matching traditional and new funding to projects and phased planning for faster, adaptable project design.

Similar Past Experience

Tamarac Multimodal Transportation Connectivity Master Plan

TAMARAC, FL | 2023-2024

Alta developed the Multimodal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, and identifies effective strategies, network enhancements, and safety improvements. The plan encompasses policy and program short, medium, and long-term recommendations. This prioritized list of projects will guide the city's future infrastructure investments.

REFERENCE
Please see Section 4.2.6

SCHEDULE
Completed on time

BUDGET
Completed on budget

KEY STAFF
- ✓ Alia Awwad, Principal
- ✓ Stephanie Garcia, Project Manager
- ✓ David Wasserman, Civic Analytics

West Palm Beach Mobility Plan

WEST PALM BEACH, FL | 2017-2020

The City of West Palm Beach made a commitment to create a community that is economically vibrant and competitive, environmentally sustainable, and socially just and accessible. This has led to expanded transportation options such as local circulators and SkyBike (bikeshare) services. Alta worked with the City of West Palm Beach to develop a collaborative and innovative approach to transportation planning, design, and implementation, leveraging current and new mobility technology and strategies.

Alta focused on how to align competing demands for space in the public right-of-way to plan, prioritize, and implement a high-quality transportation network of on-street bikeways, walkways, trails, transit service, and vehicular routes. Included in this effort are mobility hubs that integrate options for future mobility technology such as electric vehicles and autonomous shuttles, public transit, bikeshare, car share, and placemaking strategies. The Alta team also made recommendations and policy guidance for autonomous shuttles and bus services.

Alta conducted four studies as part of this plan: a Citywide transit study, a Downtown Parking and Transportation Demand Management Study, the Okeechobee Corridor Study, and the Tamarind Avenue Vision Study. Alta is now working on an update to the plan.

REFERENCE
Please see Section 4.2.6

SCHEDULE
Completed on time

BUDGET
Completed on budget

KEY STAFF
- ✓ Alia Awwad, Project Manager
- ✓ Stephanie Garcia, Project Manager

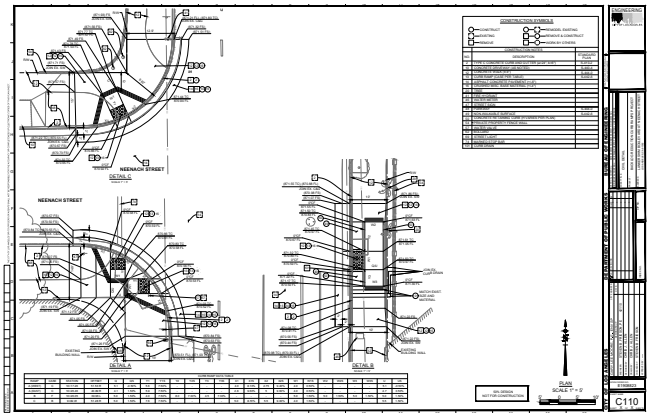
Civil Engineering On-Call Services

LOS ANGELES, CA | 2019–ONGOING

Alta is working with LABOE on prioritized infrastructure improvements that promote efficient modes of travel that focus on safety, inclusion, and sustainability. This five-year on-call utilizes Measure M and local funds and has resulted in several design and design support services during construction, including:

- Phase 1 South Bay MSP Program
- Phase 2 Backlog Reduction Program
- Phase 3 Vision Zero Program

Alta is managing and designing 182 intersection quadrants to meet ADA compliance across the City of Los Angeles. We are conducting site visits, preparing PS&E, and providing utility and stakeholder coordination throughout the engagement.



REFERENCE
Please see Section 4.2.6

SCHEDULE
On time to date

BUDGET
On budget to date

Tucson Mobility Master Plan

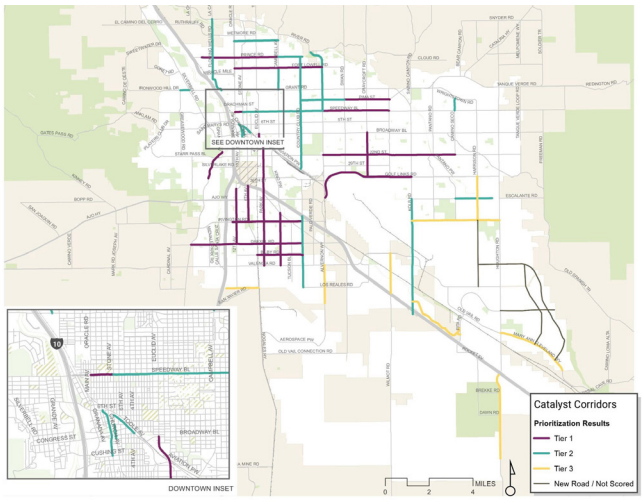
TUCSON, AZ | 2019-2021

Alta led Move Tucson, a comprehensive, multimodal transportation master plan. The plan included a robust public engagement program, which responded to the challenges of outreach during the COVID-19 pandemic. Most notably, Alta developed a prioritization process that accounts for multimodal projects, including transit and motor vehicles.

The plan included more than 230 projects and over $5.7 billion of possible improvements. The prioritization uses a multi-step approach to understand network needs, score projects, and refine the results based on project performance. Some projects focused on a single mode (i.e., sidewalk improvements, greenways, or high-capacity transit routes), and others address the needs of all modes, including new sidewalks, improved bikeways, and upgraded traffic signals. It is a bold vision that requires innovative and flexible approaches to implementation.

Alta's dynamic approach to prioritization means the City can reassess over time utilizing the underlying network scores. This creates opportunities to account for shifting project extents, changing network conditions, and shifting funding opportunities. Additionally, Alta developed an interactive online tool that allows agency staff and stakeholders to easily navigate through recommendations to identify projects to implement as specific funding becomes available or as a part of routine maintenance or synergistic projects.

Project completed on time and on budget.



Brookhaven Multimodal Study

BROOKHAVEN, GA | 2022-2024

Alta led a complete refresh of the original 2016 Bike and Ped Plan for the City of Brookhaven, while also including a micromobility mode study. The plan features an interdisciplinary approach to assess challenges and develop strategies on how to best retrofit a city developed primarily for vehicular travel. Using cutting-edge data analytics, Alta evaluated the demand for bike and pedestrian facilities around the city and conducted a comfortability and gap analysis. These results were verified and supplemented by field observations. Initial insights were vetted and refined by robust public engagement, with interviews with the city council, the mayor, other key stakeholders, and public events, such as a pop-up event and more traditional public meetings.

The study included a proposed multi-modal network, informed by feedback from public engagement, along with feasibility analyses to organize projects into short-term and long-term priorities, along with cost estimates and a funding toolbox. Alta also provided organizational, programmatic and policy recommendations to encourage more walking and biking among users of all backgrounds abilities, with a balanced focus on both aspirational, as well as swiftly attainable solutions.

Project completed on time and on budget.

Glendora Sustainable Multimodal Improvements (People Movement Project)

GLENDORA, CA | 2024-ONGOING (EST. 2026)

Alta is delivering the final design for the People Movement Project, which is part of the City of Glendora Sustainable Multimodal Improvement Project (SMIP) Phase 1 (contracted through the San Gabriel Valley Council of Governments). This phase of the People Movement Project is comprised of two projects: Glendora Avenue Project and Little Dalton Wash Project, which together will deliver key first/last mile connectivity improvements to the Metro A Line and fully develop the Glendora Urban Trail System.

The Glendora Avenue project requires the construction of a half mile of raised Class IV protected bikeway and pedestrian improvements. The Little Dalton Wash project consists of 1.7 miles of Class I bicycle and pedestrian facilities to provide connectivity between the Colby Trail and Dinkbiner Park. The design includes intersection crossing improvements, an on-street Class III bike route due to tight right-of-way constraints, native landscaping, and park amenities.

Project on time and on budget to date.

Fort Meyers Downtown Streetscapes and Utilities Improvements

FORT MEYERS, FL | 2003-ONGOING

DRMP provided professional engineering services for the Downtown Utility & Streetscape Improvements. The project focus was on streetscape and utility improvements and upgrades within the downtown core business district.

DRMP oversaw infrastructure improvements to City-owned utilities (including water, wastewater and reuse water) and implemented a downtown master plan developed by renowned architect and urban planner Andres Duany. The project required a master plan for utilities for the entire downtown district, to accommodate future growth predicted along the Caloosahatchee River, as well as conceptual planning and design of new sidewalks and pedestrian amenities.

Permitting was completed for the South Florida Water Management District (SFWMD), City of Fort Myers, Florida Department of Environmental Protection (FDEP) and the Florida Department of Transportation (FDOT).

In partnership with Andres Duany and Kraft Construction, DRMP designed and created a downtown area with updated infrastructure and utilities. These enhancements preserve the historical feel of the Fort Myer's downtown area while promoting the city's tourism.

Palm Coast Citywide Model and Stormwater Master Plan

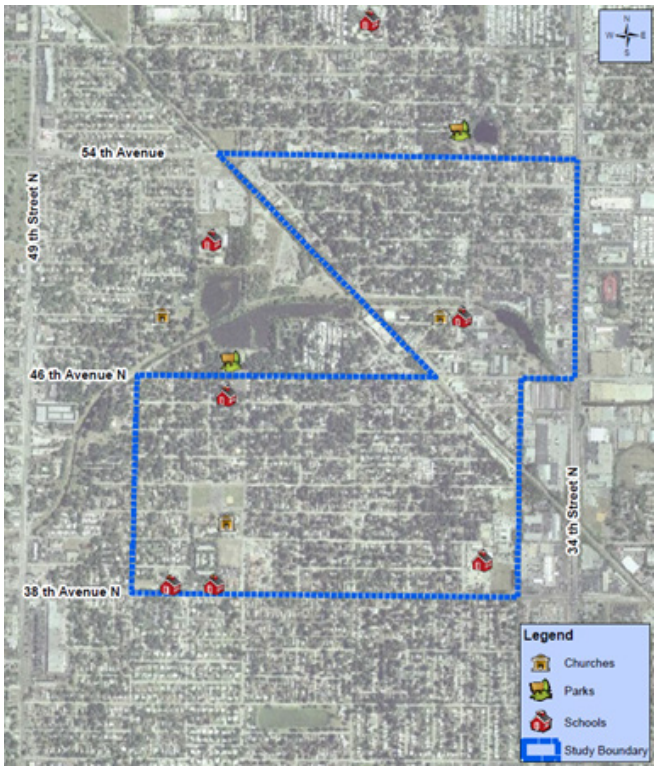
PALM COAST, FL | 2018-2023

The City has identified growing needs for maintenance, repair, and upgrades to stormwater infrastructure throughout the 55-square mile City service area. **DRMP** has developed a Citywide surface water model in ICPR, version 4, focusing on the City canal system with 35 major control structures. This comprehensive model was utilized as the basis for development of a master plan in 2019 by DRMP to address widespread flooding and performance issues of the drainage systems. The task assignments have involved issues including canal control structure replacements, adding flood storage, canal dredging/restoration of design section, improved drawdown control of canals, replacement/upgrades to culverts and storm sewers, groundwater seepage affecting roadways, ditch maintenance program improvements, improvements to stormwater program management, and budgeting.

Lealman Neighborhood Preliminary Engineering Report

PINELLAS COUNTY, FL | 2011-2017

The Lealman Central Area Improvements project involves a Preliminary Engineering Study aimed at enhancing the community's infrastructure, including sidewalks, trails, bike lanes, and connectivity to community facilities. **DRMP** focused the study on replacing open ditches with curb and gutter to improve safety and aesthetics. Key tasks include project management, public meetings and community outreach, facility inventory, facility evaluation and improvement recommendations, prioritization and cost estimates, and the preparation of a preliminary engineering report. The project area spans from 40th Ave. N. to 54th Ave. N. and from 46th Street to 34th Street and aims to create a safer, more enjoyable environment for walking, biking, commuting, and outdoor recreation in the Lealman community, transforming it into a vibrant and welcoming intermodal area of Pinellas County.



West Palm Beach Downtown Complete Street Network

WEST PALM BEACH, FL | 2018-2024

West Palm Beach is building out its downtown multi-modal network in anticipation of a new hospital, university campus, and over 1 million square feet of development in the pipeline. Diversifying the mobility mix is a top priority. To achieve a more balanced mix of modes, the city is constructing a network of sidewalks and trails. **WGI** has led design on three prominent segments: Banyan Boulevard, Okeechobee Boulevard at the Kravis Center gateway, and the Clear Lake Trail. The notable features of these projects include:

- An urban side path design in a constrained urban environment that provides separation between motorists and the side path, as well as separation between cyclists and pedestrians, even in this complex and constrained urban environment.
- A trail linking downtown to two large commercial and residential centers designed to protect West Palm Beach's drinking water supply (Clear Lake)
- Street redesign enhancement to promote safety and placemaking features including public art, traffic and trail calming, tree canopy & landscaping, stormwater management, and infrastructure design to support transit, biking and walking.

Sarasota Countywide Sidewalk Assessment

SARASOTA COUNTY, FL | 2022-ONGOING

Sarasota County selected **WGI** to provide automated data collection and analysis for pavement, sidewalks, pavement markings, trees, and traffic safety-related assets. The 2,328 lane miles of maintained roadway included thousands of County assets. Sarasota County wanted to map and asses these assets correctly, relying on WGI's expertise in technology-based project approaches.

Focusing on sidewalk assessments, WGI utilized an SSI sidewalk profiler to collect data on 650 miles of County-maintained sidewalks. The system allowed the team to collect data on 36 miles per day on average. Then use the collected data to check for compliance with the Americans with Disabilities Act (ADA) and calculate an Overall Condition Index (OCI) to facilitate county maintenance programming. The OCI score is developed by categorizing defects such as crack width and depth and excessive cross and running slopes, to name a few. Weight factors are applied to the score based on the determined severity of the defect.

WGI also integrated a backpack lidar sensor in the collection process to capture additional data on ADA curb ramps and roadside assets as an added value to the County. The wearable sensor provided a dense point cloud and a rear-facing camera to verify observed defects. The point cloud data was used to detail high-priority areas such as intersections and ADA ramps.

The Sidewalk Profiler allowed for a safe and efficient approach that yielded repeatable, defensible data at a lower cost to the County over traditionally laborintensive and subjective methods. WGI developed a customizable GIS-based toolset to calculate OCI over the entire project area quickly. This differentiator allows clients to adjust defect weights and quickly see the impact on the OCI, ensuring results from adjusted weights align with maintenance programming priorities.

Cherry Road TPA Grant

PALM BEACH COUNTY, FL | 2019-2020

WGI was retained to prepare a project feasibility report and provide grant writing assistance for the 2020 Palm Beach County Transportation Agency (TPA) Transportation Alternatives Program grant cycle. The project location, Cherry Road, connects a residential community with a commercial corridor and is heavily traveled by pedestrians and transit users but has disconnected sidewalks and no bicycle facilities. WGI prepared a master plan graphic, designed typical crosssection alternatives and cost estimates for pedestrian safety improvements, which included a 10' multi-use path, traffic calming, additional landscape, pedestrianscale lighting, and a protected mid-block crossing. WGI staff was also involved with public outreach and meeting with stakeholders. The project was awarded a $1 million grant from the TPA grant program.

Westgate Avenue Corridor Streetscape Plan

PALM BEACH COUNTY, FL | 2017-2018

The Westgate CRA was awarded a grant by the Department of Economic Opportunity to further a study on the streetscape design of the Westgate Avenue Corridor in Palm Beach County, Florida. The streetscape study involved an evaluation of the existing conditions based upon the CRA's and community's vision for the corridor. The goal of the study was to promote walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality.

The **WGI** team worked closely with CRA staff and Palm Beach County officials to complete the streetscape study and corridor design. In addition, to gain community support and input, the WGI team conducted a two-part charrette to gather input to inform the vision for the corridor and final recommendations. WGI's services included the creation of an existing conditions report, evaluation of the land use regulatory framework governing redevelopment along the corridor, and a final report delineating development recommendations. In addition to the written reports, WGI created a GIS map/dataset and series of GIS maps and two complete street streetscape designs for the corridor. WGI was retained by the Westgate CRA to prepare the grant application and refine the corridor designs to meet County and FDOT requirements. The designs created for the report were refined and used to apply for FDOT's 2018 TPA grant. The CRA was awarded $2.4M in 2018 to fund construction of the recommendations.

Next Stop Fort Lauderdale

CITY OF FORT LAUDERDALE, FL | 2018-2019

ISC partnered with the City of Fort Lauderdale and Kittelson to lead comprehensive public involvement efforts for the Master Plan. The team developed and managed the project website, crafted surveys, and executed targeted email marketing campaigns to ensure consistent communication with residents and stakeholders. We facilitated presentations and interactive workshops with homeowner associations citywide, creating opportunities for direct engagement and meaningful discussions.

In addition to formal meetings, ISC expanded outreach by actively participating in community events, such as farmers markets and local festivals, to connect with residents in an informal setting. These efforts allowed us to engage thousands of community members and collect valuable feedback that helped shape the study's recommendations. By integrating both digital and in-person outreach strategies, the project team ensured broad public participation and meaningful input throughout the planning process.

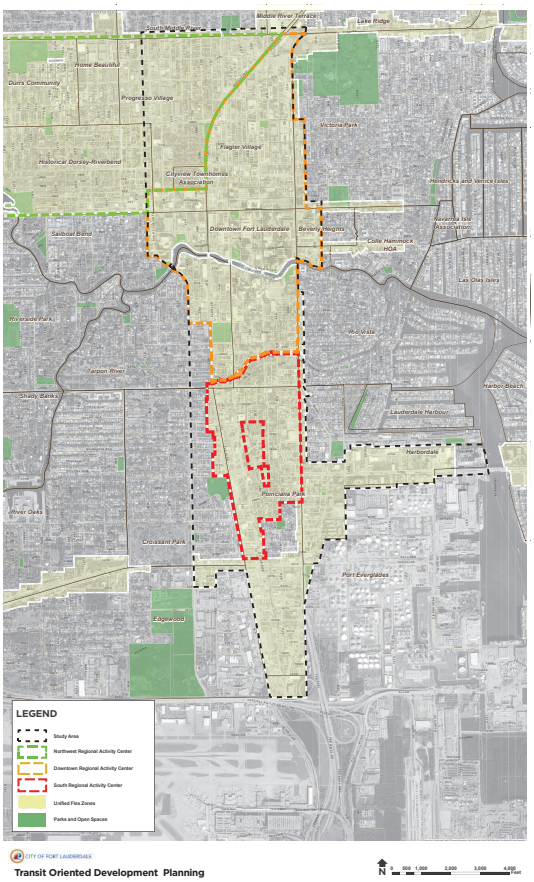


Image: www.fortlauderdale.gov

4.2.4

Qualifications of the Project Team

Team Member Roles

An exceptional team has been assembled to best serve the City. Team member roles and level of involvement are shown in the chart below, and **full resumes are included starting on page 25.**

STAFF NAME AND TITLE	ROLE	LEVEL OF INVOLVEMENT
 **RYAN SHARP, PP, AICP** Principal-In-Charge Alta	Project oversight, best practices, issue resolution, technical guidance, and schedule/budget accountability	50%
 **ALIA AWWAD, PE** Project Manager Alta	Main point of contact, focusing on client satisfaction, clear and consistent communication, technical guidance, and forward-thinking project management and development	75%
 **STEPHANIE GARCIA** Assistant Project Manager Alta	Task management and administration, coordination, community engagement, and technical review	80%
 **SPENCER FINCH, PE** QA/QC Manager Alta	Quality control and assurance, resiliency and stormwater technical review	40%
 **BRITT STORCK, ASLA, PLA** Landscape Architecture Advisor Alta	Streetscapes, green infrastructure, and placemaking elements guidance	40%
 **JEAN CROWTHER, AICP** Innovative Mobility Advisor Alta	New mobility. micromobility, mobility hubs and policy guidance	45%
 **DAVID WASSERMAN, AICP** Civic Analytics Lead Alta	Analytics oversight and technical guidance	70%
 **KIM VOROS, GISP** GIS Manager Alta	GIS data collection, database management, and quality control	75%
 **TOM NATWICK, PE** Senior Engineering Associate Alta	Streetscape design principles, guidelines and Complete Streets engineering advisor	75%
 **RICHARD VIRGO, PE, RSP1** Engineering Designer Alta	Streetscape design principles, guidelines, complete streets, safety, and traffic operations production	80%
 **CYRUS CHIMENTO** Civic Data Analyst Alta	Analytics and mapping production	80%
 **CHELSEA COLE** Landscape Designer Alta	Landscape Architect, graphics and renderings production	75%

STAFF NAME AND TITLE	ROLE	LEVEL OF INVOLVEMENT
 **AUDREY CABAY** Planner Alta	Policy, writing, community engagement, and analysis planning production	85%
 **RYAN A. JOHNSON** Web Developer Alta	Web development, survey, interactive maps and deployment	65%
 **SCOTT GARTH, PE** Stormwater Engineer DRMP	Stormwater modeling, analysis, and implementation guidance	40%
 **CHRISTINE DALICKAS, PE** Traffic Engineering DRMP	Stormwater production engineer	75%
 **PATSY FUSCHETTO, PE** Traffic Engineer DRMP	Traffic engineering and operations project needs	65%
 **SAMIR FARRA OTERO, PE** Stormwater Engineer DRMP	Stormwater production and cost estimating	75%
 **ANGELA BIAGI, PLA** Planning Director WGI	Policy and land use technical guidance	60%
 **ERIC ORNDORFF, PSM** Survey & Data Engineer WGI	Topographic survey data collection and technical review	60%
 **JOHN CERRETA, PE** Roadway Engineer WGI	Multimodal roadway design engineering technical advisor	55%
 **KRISTEN NOWICKI, AICP** Planner WGI	Development and land use expert	70%
 **LISA NISENSON** New Mobility/Connected Communities Planner WGI	Mobility and parking expert	60%
 **MONICA DIAZ** Senior Community Outreach Specialist ISC	Outreach manager	70%
 **WALNA CALIXTE** Senior Community Outreach Specialist ISC	Day-to-day outreach specialist	80%

Organizational Chart

The Alta team will be focused on providing the City with dedicated and responsive service needed to successfully complete the Capital Improvement Master Plan on schedule and on budget.

Alta will serve as overall contract manager, providing ongoing project management, oversight, and quality control. Our team also includes subconsultants DRMP, ISC, and WGI. **For more information about subconsultant qualifications, please see page 13.**

Ryan Sharp, PP, AICP

Principal-in-Charge

Ryan has dedicated his career to enhancing the livability of cities. His strategic vision and skill at navigating complex stakeholder relationships have driven numerous successful projects, including major multi-modal street redesigns and the implementation of New Jersey's densest bicycle facilities network. Under Ryan's leadership as the Director of Transportation and Parking for the City of Hoboken, Hoboken's Complete Streets and Vision Zero Programs earned national acclaim, achieving seven consecutive years without a traffic death. As Ryan transitions to the private sector, his extensive experience in implementing innovative transportation solutions in challenging environments will be invaluable to clients, helping them create safer, more resilient, and equitable transportation systems.

YEARS OF EXPERIENCE

17 years

EDUCATION

BS, Public Administration, Florida International University

AREAS OF EXPERTISE

Multi-modal corridor planning

Complete streets

Safety action plans

Micromobility

Curbside management

EV charging

Public sector management

REGISTRATIONS

Professional Planner: NJ (#33LI00630400)

American Institute of Certified Planners (#027333)

PROFESSIONAL HIGHLIGHTS

APA, Member: NJ and FL Chapters

ITE Met Section Project of the Year Award: Reducing Speed Limits to Save Lives in Hoboken, a Vision Zero Initiative (2024)

Marty Epstein Advocate of the Year Award: NJ Bike and Walk Summit (2024)

Curbside Safety Award: Open Plans (2023)

Distinguished Emerging Planner Award: American Planning Association, NJ Chapter (2019)

NJ Future Smart Growth Award: Washington Street Redesign Project (2020)

Complete Streets Excellence Award: NJ Complete Streets Summit (2013, 2015)

Traffic Safety Excellence Award: Rutgers/NJDOT (2011)

Relevant Experience

Hoboken Complete Streets Design Guide and Implementation Plan, NJ*

As Project Director, Ryan led the City of Hoboken's effort to develop a cutting-edge street design guide and implementation plan for Hoboken's Complete Streets Program. Under Ryan's direction, the Street Design Guide utilized an innovative approach to reclassify Hoboken's street typologies, updated the City's nine-year-old complete streets policy, and developed a site plan review checklist to streamline the implementation of complete streets projects. The purpose of this project was to provide policy and design guidance for governmental agencies, consultants, developers, community groups, and all others involved in street design decisions with the intent to support safe, affordable, equitable, and healthy mobility options.

Frank Sinatra Drive Complete Street Redesign, Hoboken, NJ*

As Project Director, Ryan led the City of Hoboken's effort to redesign the city's waterfront boulevard, Frank Sinatra Drive, into a world class complete street. The purpose of the project was to transform Frank Sinatra Drive into a safer, more inclusive, resilient, and attactive street. Through Ryan's vision and leadership, the project team used Safe System principles and proven FHWA safety countermeasures to redesign Frank Sinatra Drive. The redesign included a two-way bikeway physically separated by a buffer zone with 150 new shade trees, raised pedestrian crosswalks with Rapid Flashing Rectangular Beacons (RRFBs), curb extensions, enhanced street lighting, curbside EV charging stations, parking for persons with disabilities and ADA-compliant curb ramps, loading zones, and drainage improvements.

Additional Project Experience

- Lake County Safety Action Plan, FL
- Consulting Services for Downtown Palmetto Park Road, Boca Raton, FL
- Boca Raton Downtown Mobility Analysis and Design, FL
- Knoxville Speed Management Plan, TN
- Delco Vision Zero Action Plan, PA
- TARCOG Regional Safety Action Plan, AL
- Selma to Montgomery National Historic Trail, AL

**Completed prior to joining Alta*

Alia Awwad, PE

Project Manager

Alia's interest in transportation planning and engineering stems from a passion in providing safe, convenient, and sustainable transportation options and creating livable places. Alia's experience in both the public and private sectors allows her to understand the policy and planning nuances that local jurisdictions encounter and manage. Additionally, Alia's background in roadway design, traffic analysis, and context-sensitive transportation planning projects enables her to lead, communicate, and implement innovative and practical solutions to transportation issues.

YEARS OF EXPERIENCE

23 years

EDUCATION

MCRP, Georgia Institute of Technology

BS, Civil Engineering, University of Minnesota

AREAS OF EXPERTISE

Transportation planning

Roadway design

Traffic analysis

Urban planning

Civil engineering

REGISTRATIONS

Professional Engineer: FL (#76279); GA (#035234); AL (#2954); DC (#PE923247); NJ (#24GE05623300)

PROFESSIONAL HIGHLIGHTS

NCHRP 17-63: Guidance for the Development and Applications of Crash Modification Factors, and 03-112: Operational and Safety Considerations in Making Lane Width Decisions on Urban and Suburban Arterials, Panel Member

Relevant Experience

Tamarac Multimodal Transportation Connectivity Master Plan, FL

Alta developed the Multi-Modal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, aiming to identify effective strategies, network enhancements, and safety improvements. The plan encompasses policy and program short, medium, and long-term recommendations, and a prioritized list of projects, which will guide the city's future infrastructure investments. Alia serves as Principal-in-Charge.

West Palm Beach Downtown Mobility Plan, FL

To advance the Downtown Mobility Plan, Alia helped oversee the analysis and concept design of the Downtown Vision elements that focused on multimodal mobility. Additionally, Alia led multiple efforts recommended by the Plan, including reimagining Datura and Evernia Streets, managing the trolley study, and serving as Engineer of Record on the Tamarind Avenue streetscape improvement project. Alia is also currently managing the intermodal transit center redesign along Tamarind Avenue, a commuter-rail station with historical components that serves multiple transit modes.

Cape Coral Multimodal Master Plan, FL

Alta worked with a team to develop a multimodal transportation plan for the City of Cape Coral. The Plan provides long-term direction for transportation policy and the implementation of transportation projects throughout Cape Coral, laying the groundwork for enhanced biking and walking experiences. Tasks include evaluating existing conditions, conducting an extensive public engagement plan, and creating implementable multimodal transportation recommendations. Alta's role was to integrate and prioritize active transportation and micromobility into a connected and accessible multimodal transportation network in the City. Alia served as Principal-in-Charge.

Additional Project Experience

- MetroPlan Vision Zero Action Plan, FL
- St. Petersburg Neighborhood Greenways Multimodal Studies, FL
- Dunbar Village Reconnecting Communities Pilot Grant Application, Fort Myers, FL
- Lee County MPO Project Prioritization, FL
- West Palm Beach RAISE Grant, West Palm Beach, FL

Stephanie Garcia

Assistant Project Manager

Stephanie has a background in Civil Engineering and Urban Planning. She brings over 11 years of experience working on mobility projects including Complete Streets, Vision Zero, community engagement and outreach efforts, design and policy guidelines, grant applications, mobility plans, tactical urbanism, and walking audits. Prior to joining Alta, Stephanie established the Tactical Urbanism and Walking Audits program for the Metropolitan Planning Organization in Broward – the Walking Audits program received a recognition from the Federal Highway Administration safety office as a Vision Zero noteworthy practice.

YEARS OF EXPERIENCE

11 years

EDUCATION

MS, Urban Planning and Policy Design, Politecnico di Milano, Italy

BS, Civil Engineering, National University of Colombia, Colombia

AREAS OF EXPERTISE

Complete Streets

Active Transportation Master Plans

Design guidelines

Walking Audits

Community outreach

Public involvement

Tactical Urbanism

Ribbon cutting/Ground breaking events

Grants

PROFESSIONAL HIGHLIGHTS

2022 Smart Growth Partnership Award -Tactical Urbanism NE 3rd Avenue project

2021 Roadway Safety Award- FHWA and the Roadway Safety Foundation recognized the Complete streets Master Plan and Wilton Drive complete streets project

2020 FHWA recognition of the Walking Audits program as a Vision Zero best practice

Relevant Experience

Tamarac Multimodal Transportation Connectivity Master Plan, FL
Alta is developing the Multi-Modal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, aiming to identify effective strategies, network enhancements, and safety measures. The plan encompasses short, medium, and long-term recommendations for the policy and program, and a prioritized list of projects, which will guide the city's future infrastructure investments. Stephanie is the Project Manager of this effort.

Downtown Mobility Plan Update, West Palm Beach, FL
Stephanie is the Project Manager of this effort. She coordinates she coordinates with the City, CRA, and the DDA, and facilitates steering committee, stakeholder, and public meetings. She also manages the development of different tasks under the Mobility Plan and coordinates work with the subconsultant regarding the transit update component.

Planning and Engineering Assistance for Safety and Resiliency Project, Broward MPO, FL
Alta is currently assisting the Broward Metropolitan Planning Organization in developing concepts and pre-design services for off-system Complete Streets projects. Alta assisted in conducting stakeholder and public involvement activities, Road Safety Audits, as well as, creating renderings, visualizations, and conceptual drawings of the corridors.

Additional Relevant Experience

- Boca Raton Consulting Services for Downtown Palmetto Park Road, FL
- 1st Ave, 12th St, 10th St Streetscape Design, Naples, FL
- Broward County Complete Streets Master Plan, FL
- Broward County Community Engagement, FL
- MetroPlan Safe Streets for All, Osceola County, FL
- Neighborhood Greenways Multimodal Studies, St. Petersburg, FL

Spencer Finch, PE, LEED AP

QA/QC Manager/Resiliency and Engineering Advisor

Spencer is an engineering leader with 26 years of experience. His distinctive set of skills and expertise includes transportation engineering, environmental engineering and due diligence, green stormwater infrastructure planning and design, environmental, transportation and natural resources permitting, and sustainable infrastructure. Spencer's experience covers not only planning and engineering, but also strategic guidance, program management, business development, and team-building and management. He has expertise in grant writing/grant management, helping projects secure funding at early stages of development and advance through subsequent stages.

YEARS OF EXPERIENCE

26 years

EDUCATION

MSc, Environmental Engineering, Pennsylvania State University

BSc, Mechanical Engineering, focus on Transportation Engineering, University of Pennsylvania

BA, Political Science, Albright College

AREAS OF EXPERTISE

Transportation engineering

Bicycle/pedestrian facility planning and design

Complete Streets design

Green infrastructure design

Environmental permitting

Grant writing and management

REGISTRATIONS

Professional Engineer: NJ (#24GE04624300)

LEED Accredited Professional

Relevant Experience

West Green Drive Green Stormwater Infrastructure, High Point, NC

Alta is conducting environmental documentation and categorical exclusion coordination for a proposed reconfiguration of W Green Drive (located in High Point NC), into a complete street with green stormwater infrastructure (GSI). Spencer is the Principal-in-Charge of the project.

Intersection Safety Study Phase II, Greer, SC

Alta is performing intersection safety evaluations on six intersections within the City of Greer, SC. Alta will be identifying potential countermeasures utilizing the AASHTO Highway Safety Manual, and providing a hierarchy based on price and effectiveness for each option for each intersection. Alta is providing a study document detailing the safety analyses for the six identified intersections and the countermeasures developed to improve safety at those intersections. Spencer served as Principal-in-Charge.

Belmont Pedestrian Plan, NC

Alta worked on a team to create the Belmont Pedestrian Plan update, which envisions the City of Belmont as a place where walking is safe, accessible, fun, and supportive of an active, healthy lifestyle; where people of all ages and abilities can move and access their daily needs safely by foot and by all forms of active transportation. Alta led the process of preparing the plan, which included tasks such as data collection, needs analysis, prioritization, development of implementation strategies, and performance measures. Spencer served as Project Manager.

Additional Relevant Projects

- West Palm Beach RAISE Grant, FL
- Churton Street Multimodal Corridor Study, Hillsborough, NC
- Stroudsburg Main Street - Main Street 15% Design & RAISE Grant, PA
- The Seam Study, Charlotte, NC

Brittain Storck, ASLA, PLA

Landscape Architecture Advisor

Britt is a national leader who has built her career around trail and corridor placemaking, natural resource-based recreation projects, and active community design and planning. As Principal and Director of Landscape Architecture at Alta, Britt has cultivated an instinctual understanding of the complexities associated with designing public spaces in all landscape contexts. She has expertise in managing large interdisciplinary teams on highly technical corridor projects, from compliance to consensus-building. Britt brings a people-driven approach to her work with the belief that each project provides the opportunity for a community to activate, transforming its health, stimulating its economy, and boosting overall quality of life of its people.

YEARS OF EXPERIENCE

21 years

EDUCATION

Bachelor of Landscape Architecture, Cum Laude, University of Georgia

AREAS OF EXPERTISE

Trail design and feasibility study

Landscape architecture

Corridor placemaking

Safety and security design

Urban trails

Rail trails

REGISTRATIONS

Professional Landscape Architect:
GA (#001754); NC (#1761);

CLARB Certified, (#40871)

PROFESSIONAL HIGHLIGHTS

Full Member, American Society of Landscape Architects (ASLA), 2010-current

Relevant Experience

Datura and Evernia Streetscape Improvement Project, West Palm Beach, FL
With the creation of the Downtown Mobility Plan in 2018, the City of West Palm Beach has adopted a place-based, people-oriented approach to street design. The Datura and Evernia Streetscape project is one of the first street projects the City has identified to build their re-imagined long-term vision for streets and public spaces in Downtown. Alta, with Britt as Principal-in-Charge, is leading the development of short- and long-term strategies to enhance Downtown residential life, support regional commerce, and enliven public life. Alternatives developed included creating a shared street (with no curbs), converting the streets from two-way to one-way to create more pedestrian space and slow vehicles, development of mobility hubs and integration of smart city technology, and transforming the blocks closest to the water to be become extensions of the existing waterfront parks.

John Yarbrough Linear Park Feasibility Study, Fort Myers, FL
Alta was on an interdisciplinary team of planners, engineers, and landscape architects to determine the feasibility of extending the 6-mile JYLP as a part of the active transportation network. Alta completed a complex technical analysis with a series of conceptual renderings and graphics to illustrate potential crossing treatments and improvements along the corridor to provide for a high-quality trail experience. The final recommended treatments met stringent FDOT Shared-use Trail Program Requirements. Britt served as Alta's Project Manager for this effort.

Additional Relevant Experience

- Consulting Services for Downtown Palmetto Park Road, Boca Raton, FL
- West Terry Multi-Use Path Design and BUILD Grant Application, Bonita Springs, FL
- Sarasota County Trails Master Plan Update, FL
- Bonita Springs BUILD Grant Application, FL
- Winkler Canal Shared Use Path Feasibility Study, Fort Myers, FL
- Davie Trails Plan, FL

Jean Crowther, AICP

Innovative Mobility Advisor

Jean has 22 years of experience fostering change and innovation in communities across the US. She is Director of Planning for Alta's Eastern US offices and is co-leader of Alta's Innovative Mobility Group, providing company wide guidance for shared mobility, electric mobility, and transportation technology research. Tapping into seven years as an advocate working locally for community and transportation planning, Jean skillfully applies her hands-on experience in program development, community engagement, and project implementation. She brings expertise at every geographic scale — from small rural communities to major cities, multi-county regions, and state and national scopes. Jean also served on the new Transportation Research Board Forum for Shared Mobility and Autonomous Vehicles, an industry-academic-public-sector roundtable of experts setting a national research agenda for new and emerging trends in transportation and technology.

YEARS OF EXPERIENCE

22 years

EDUCATION

MCRP, Clemson University

BA, Religion and History, Furman University

AREAS OF EXPERTISE

New mobility feasibility, planning, policy building, and design

New mobility research and best practices

Shared mobility system planning

Integration with transit

Program and policy development

Public engagement

REGISTRATIONS

American Institute of Certified Planners (#029336)

PROFESSIONAL HIGHLIGHTS

Shared Use Mobility Conference, 2023: *Shared Mobility for All by 2030: Headwinds and Tailwinds*

Urbanism Next, 2023: *How to Plan a Zero Emission Delivery Zone in 60 Days*

Facilitator, Future of Public Spaces and Placemaking Workshop, University of Oregon/ Knight Foundation, January 2020

Urbanism Next, 2019: *Micromobility and Transit Service Delivery Opportunities in the Underserved Edges Scenario Planning for an Uncertain Future*

Oregon Active Transportation Summit, 2019: Small Vehicles, Big Impacts! Bikeshare and Dockless E-Scooters: What Works, What Doesn't, and What's Next?

Relevant Experience

Broward County Mobility Hubs, FL

The Broward Metropolitan Planning Organization (BMPO), in collaboration with the City of Pembroke Pines (City), conducted a Mobility Hub Master Plan for long- and short-term improvements at its Central City. After conducting a review and analysis of the plan and the city, Alta proposed preliminary recommendations for the six locations identified in the Plan. The development of these recommendations considered the context of the Central City area and best practices in creating an active, successful, and future-proofed mobility hub. The assessment started with a comprehensive approach on what to consider in a mobility hub, in order to identify location-specific recommendations. Jean was Principal-in-Charge.

Broward County MPO New Mobility Visioning Workshop, FL

Jean was the lead presenter and facilitator for this New Mobility Workshop as part of a Complete Streets training program. Approximately fifty attendees representing multiple local and county jurisdictions and private sector partners participated. The eight-hour interactive workshop discussed current trends, impacts of autonomous vehicles and new transportation technologies, and the role of local policy. Through a policy exercise and "Complete Streets 2.0" design exercise, attendees broadened their understanding of the future of mobility in the region and developed near-term actions to influence change.

Portland Metro Emerging Technology Implementation Study, OR

Jean was Principal-in-Charge of Alta's work with Oregon Metro, Portland's Metropolitan Planning Organization, and its partner agencies to identify location-specific opportunities and strategies to deploy emerging transportation technologies, such as automated, connected, and electric vehicles; car, bike, and scooter share; and ride-hailing facilities. Alta completed a regional suitability analysis, a regional equity analysis, and targeted stakeholder engagement to increase information available to both travelers and planners, and better understand how different urban, suburban, and rural geographies within the region shape implementable opportunities. The chief measure of value for service deployment and operations was its ability to reduce transportation inequities.

David Wasserman, AICP

Civic Analytics Leader

David is Alta's national Civic Analytics Leader. He applies scientific computing, spatial analysis, and scenario-focused storytelling to the development of effective and community-centered transportation planning solutions. David advises and works on multimodal transportation plans, bicycle master plans, systemic safety studies, python tool and web applications, advanced data visualizations, parking studies, direct ridership models, and station area plans. His current areas of focus include enabling data-informed scenario planning, identifying how to align community goals to metrics, and generating accessibility metrics that can assess the impacts of projects and who they benefit.

YEARS OF EXPERIENCE

12 years

EDUCATION

MURP, University of Florida, Gainesville

BS, Sustainability in the Built Environment, University of Florida, Gainesville

AREAS OF EXPERTISE

Data analytics and visualization

Scenario planning & analysis

Performance measures & planning metrics

Geospatial analytics

Accessibility analytics

Multimodal planning

Transit planning

Safety analysis

GeoAI & AI in Planning

REGISTRATIONS

American Institute of Certified Planners, AICP (#030695)

PROFESSIONAL HIGHLIGHTS

APA Foresight Committee on AI – Contributor

APA Technology Division – Vice Chair

Green Building Learning Collaborative – University of Florida Geodesign Board Member

Author of PAS Memo 111 on Artificial Intelligence & Planning Practice – 2022

Author of **The Art of Learning by Example** in APA Planning Magazine – 2020

APA Transportation Division – Member

APA Washington Chapter

Relevant Experience

Downtown Palmetto Park Road, Boca Raton, FL
David served as an analytics lead for a select link and travel patterns analysis done as part of an evaluation of Downtown Palmetto's possible reconfiguration. This involved identifying the approach for the analysis of short trips, trip purposes, and multimodal travel modeled to be occurring alongside Palmetto Park Rd using the Replica Places platform. This analysis resulted in a series of maps of different trips, and an interactive flow map showing different sets of trips in and around Palmetto Park Road and Downtown Palmetto.

TIGER V Grant Application & Project Prioritization Study, Lee County, FL
The Lee County MPO retained Alta develop a grant application for the 2013 USDOT TIGER program. Working closely with the MPO and local advocates, Alta submitted an application for the Lee County Complete Streets Initiative aimed at closing the gaps in a network of priority on- and off-street walking, bicycling, and transit connections. The application requested $10.5 million and included 55 letters of support. As part of the grant application, Alta prepared a Benefit-Cost Analysis that quantified the value of transportation, health, and air quality benefits that will result from the TIGER investment. The grant was successfully awarded $10.4 million.

West Palm Beach RAISE Grant, FL
David acted as an analytics advisor for the West Palm Beach RAISE Grant. He provided strategic advice and methodology guidance throughout the project including how to approach disaggregated demand estimates for this winning RAISE Grant Application.

Additional Relevant Experience

- Kansas City Comprehensive Sidewalks Construction Prioritization Plan, MO
- MnDOT Implementing High Priority Pedestrian Safety Improvements
- Metropolitan Transportation Commission (MTC) Active Transportation Origin-Destination Study, Bay Area, CA
- GoDurham Transit Design, Durham, NC
- Tucson Mobility Master Plan, AZ
- South Orange County Multimodal Study, CA

Kim Voros, GISP

GIS Manager

Kim is Alta's GIS Manager and a leader in Alta's Civic Analytics service area. She has been instrumental in developing critical bicycle and pedestrian analysis tools at Alta, which help transform communities across North America into places where walking and cycling are regular and common activities. Her work is focused on GIS-based modeling, cartography, infrastructure planning, network development, and implementation. She has a broad understanding of the benefits, challenges, and limitations of working with data from a wide variety of sources.

YEARS OF EXPERIENCE

23 years

EDUCATION

MURP, Portland State University

BA, Environmental Policy and Planning, Western Washington University

AREAS OF EXPERTISE

GIS modeling and analysis

Bicycle and pedestrian planning

Micromobility planning

Cartography

Data governance

Interactive maps and dashboards

Technical writing and documentation

REGISTRATIONS

GIS Professional (#91700)

PROFESSIONAL HIGHLIGHTS

Association of Pedestrian and Bicycle Professionals – Member

URISA – Member

National Collaboration– Bicycle, Pedestrian, and Accessibility Infrastructure Data – Committee Member

Author of FHWA Guidebook for Measuring Multimodal Connectivity – 2018

Relevant Experience

Palm Beach 2045 Long Range Transportation Plan, FL

Kim provided modeling and analysis support for the update of this LRTP which focused exclusively on multimodal opportunities and Complete Streets. All modes were given equal weight in terms of analysis, with different modes getting priority in different areas of Palm Beach County. Alta also the analysis of equity, looking at where vulnerable populations are located, as well as leading the analysis, identification, and prioritization of walking and biking projects for the LRTP.

Kansas City Budgeted Sidewalk Prioritization Tool, MO

Kim served as Lead Spatial Architect for the development of a web-based, budgeted-prioritization tool for prioritizing sidewalk investments for Kansas City. This project included the development of a robust needs analysis that included factors relating to equity, health, network connectivity, cost, and the development of pedestrian demand models. This needs analysis was then integrated into a web-based prioritization tool that consisted of an intuitive web form using range slider controls for setting priority index weights, and standard form elements for other input data collection as needed.

Brookhaven Multimodal Study, GA

Realizing Brookhaven's potential for active living entails creating a comprehensive multi-modal network that presents a safe, connected and integrated network of bicycle, pedestrian, trail, and micromobility facilities. This Brookhaven Multi-Modal Study is implementation focused, containing detailed recommendations for a range of facility types in different contexts, cost estimates based on the current construction climate, design guidelines, and updates to land use and development codes that will leverage growth and development for bicycle, pedestrian, trail construction as well as micromobility and transit.

Additional Project Experience

- Los Angeles Open Street Program, CA
- Charleston County Comprehensive Plan, SC
- Southern Nevada RTC Regional Bike and Sidewalk Inventory Study, NV
- *FHWA Guidebook for Measuring Multimodal Connectivity*

Tom Natwick, PE

Senior Engineering Associate

Tom is a Professional Engineer with a comprehensive background in civil transportation design. He has worked on projects involving active transportation, site design, roadway, pedestrian facility design, light rail, grading, stormwater management, and utilities design across the U.S. and internationally. Tom has expertise in multimodal design, Complete Streets, and accessibility and is passionate about making a positive difference in communities.

YEARS OF EXPERIENCE

18 years

EDUCATION

BS, Civil Engineering,
Valparaiso University

AREAS OF EXPERTISE

Roadway design

Greenway design

Feasibility studies

Master planning

REGISTRATIONS

Professional Engineer:
MN (#62785); AL (#40000-E);
AR (#198158); CA (#C78770);
CO (#0049093); FL (#81209);
GA (#PE042749)
ID (#17145); LA (#0045265); NC
(#045928); TN (#125522);
UT (#9799949-2202)

NCEES Record Holder #55659

Relevant Experience

Tamarind Avenue Corridor Design, West Palm Beach, FL
Tom served as Senior Engineer for the Tamarind Avenue Corridor Design, a transit corridor in downtown West Palm Beach. Intended to transform into a more multimodal street, the design included adding channelization islands, controlled midblock crossings, as well as traffic warrant analysis and justification for a signalized intersection.

1st Avenue, 12th Street, and 10th Street Streetscape Design, Naples, FL
Alta was part of a team developing the concept for the Naples Complete Streets project in the Design District of Naples, incorporating three corridors. Tom served as Assistant Project Manager for the design and concepting phase. The project is currently in the final design phase, with Alta responsible for reviewing the signing and striping plans.

Tradition & Village Parkway Design, Port St. Lucie, FL
With Tom as Project Manager, Alta is working with the City of Port St. Lucie to retrofit the intersection of Tradition Parkway and Village Parkway to balance the needs of all users and center safety improvements for vulnerable users. Proposed improvements include adding protected intersection elements to increase safety for bicyclists and pedestrians while considering future traffic volumes as the City continues to rapidly grow. Alta has also provided presentations about protected bikeways and the proposed design, performed a detailed traffic operations analysis for multiple scenarios, and collaborated with the City to incorporate adjacent projects into the design.

Additional Relevant Experience

- Atlantic Avenue Multimodal Feasibility Assessment, Raleigh, NC
- MnDOT TH 47 Complete Streets Preliminary Design, MN
- MnDOT University Ave and 4th St Design and Public Engagement, Minneapolis, MN
- Ferst Drive Realignment, Atlanta, GA
- Olson Memorial Highway (Hwy 55) Interim Pedestrian Safety Improvements, Minneapolis, MN

Richard Virgo, PE, RSP[1]

Engineering Designer

Richard is an Engineer with a background in transportation engineering and transportation planning. He has experience in creating comprehensive transportation plans in both urban and rural contexts, public engagement, feasibility studies, corridor development, and Complete Streets, having worked on projects across North Carolina and California. Richard works on engineering projects, including intersection retrofits and greenway corridors, as well as planning projects, including past experience with transportation plans in a multi-county and MPO-wide context, as well as other GIS and data analyses. Richard's professional interests include transportation engineering, tactical urbanism, demonstration projects, and Complete Streets.

YEARS OF EXPERIENCE

8 years

EDUCATION

BS, Civil Engineering, Georgia Institute of Technology

AREAS OF EXPERTISE

Transportation Engineering

Transportation Planning

Complete Streets

GIS

REGISTRATIONS

Professional Engineer: NC (#54447)

Road Safety Professional – Level 1

Relevant Experience

Broward MPO Road Safety Audits, FL

Alta worked with Broward MPO to conduct road safety audits along several key corridors in Broward County. The Alta team noted deficiencies and potential issues along these corridors and developed recommendations on how to improve safety conditions for bicyclists and pedestrians. Richard served as an engineer on the project.

Cape Coral Multimodal Transportation Plan, FL

Alta worked to develop a multimodal transportation plan for the City of Cape Coral. The Plan provides long-term direction for transportation policy and the implementation of transportation projects, laying the groundwork for enhanced biking and walking experiences. Tasks included evaluating existing conditions, conducting an extensive public engagement plan, and creating implementable multimodal transportation recommendations. Richard served as Engineer.

Tamarac Multimodal Transportation Connectivity Master Plan, FL

Alta is developing the Multi-Modal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, aiming to identify effective strategies, network enhancements, and safety measures. The plan encompasses short, medium, and long-term recommendations for the policy and program, and a prioritized list of projects, which will guide the city's future infrastructure investments. Richard is an Engineer on this effort.

Additional Relevant Experience

- West Palm Beach Downtown Mobility Plan, FL
- Silver Bluff Traffic Calming Study, Miami, FL
- Palmetto Park Road Downtown Mobility Study, Boca Raton, FL
- Immokalee Complete Streets (TIGER Grant), Area 4, Collier County, FL

Cyrus Chimento

Civic Data Analyst

Cyrus is a geospatial data scientist with more than seven years experience working in the active transportation space. He specializes in developing data, analyses, and tools that impact decision-making, and is good at striking the right balance of technical detail and plain-language to tell compelling stories to different audiences.

YEARS OF EXPERIENCE

7 years

EDUCATION

MS, Geospatial Information Science, University of Maryland

BA, Biology, minor in Environmental Studies, Mathematics, and Philosophy, St. Mary's College of Maryland

AREAS OF EXPERTISE

Data science

GIS/CAD

Web development

Databases

Relevant Experience

Kalamazoo SS4A Intersection Upgrade, MI

Alta is working with the City of Kalamazoo to conduct a citywide assessment of pedestrian infrastructure gaps and needs. Cyrus is leading analysis, which will examine data on sidewalks, crossings, speeds, travel behavior, and roadway attributes to quantify factors that impact walking activity and identify areas that have both high need and high demand or are near special trip generators. Additionally, Alta will conduct a citywide analysis of pedestrian intersection safety to evaluate pedestrian infrastructure at all intersections with pedestrian-involved crashes in the last ten years and at all signalized intersections.

Modesto SS4A Action Plan, CA

For this project, Cyrus helped develop a comprehensive systemic safety analysis to evaluate contextual risk factors—such as number of lanes, posted speeds, traffic volumes, intersection types, and built environment contexts—associated with severe collisions across vehicle, bicycle, and pedestrian modes. The analysis mapped crashes to roadway segments, calculated risk ratios (total proportions of EPDO weighted collisions per proportion of centerline miles for each contextual characteristic), and aggregated these measures into a network-wide risk index. Findings showed that multi-lane corridors, higher traffic volumes, streets with longer crossing spacing, and commercial zoning were associated higher risk ratios.

BMC Regional Bike Network, Baltimore, MD

Alta assisted Baltimore County in developing a Bicycle and Pedestrian Master Plan with the goal of creating safe walking and bicycling networks within the County. As a part of this effort, the Alta team updated the active transportation infrastructure inventory and conducted analyses to highlight areas of demand and identify areas in need of equitable resources and safety improvements. Cyrus helped develop a complete streets inventory and analysis to guide future improvements to the County's roadway network with the goal of creating a safe road network with facilities and amenities for all user types.

Additional Relevant Experience

- MTC Analytics Support for Vital Signs, Bay Area, CA
- Baltimore Regional Bicycle Network, MD
- Lennox Pedestrian Plan, Los Angeles, CA
- Greensboro SS4A Action Plan, NC

Chelsea Cole

Landscape Designer

Chelsea is a creative designer who uses her knowledge in architecture and landscape architecture to help create positive social spaces. She strives to bridge the gap for cohesive dialogue between the design professions. Her passion is to make connections socially and ecologically between different communities. Chelsea has focused her career on providing opportunities for people from all walks of life to be able to safely enjoy outdoor recreational spaces and transits while simultaneously learning about the positive impact these spaces have on their way of life.

YEARS OF EXPERIENCE

10 years

EDUCATION

Masters of Landscape Architecture, Washington University, St. Louis, MO

BA, Architecture, University of Tennessee at Knoxville

AREAS OF EXPERTISE

Digital and 3D graphics

Urban greenway design

Wayfinding

Design guidelines

PROFESSIONAL HIGHLIGHTS

American Society of Landscape Architects (ASLA)

National Organization of Minority Architects (NOMA)

Accessibility for Ontarians with Disabilities (AODA) Certification, 2020

Relevant Experience

Naples Streetscape Design, Naples, FL

Alta is creating conceptual and cull designs for 3 corrdiors in Historic Downtown Naples, FL. Chelsea is providing graphics support to the project, as well as working with the project team to propose improvements to the streetscape.

Planning and Engineering Assistance for Safety and Resiliency, Broward County, FL

Alta is currently assisting the Broward Metropolitan Planning Organization in developing concepts and pre-design services for off-system Complete Streets projects. Alta assisted in conducting stakeholder and public involvement activities, Road Safety Audits, as well as, creating renderings, visualizations, and conceptual drawings of the corridors. Chelsea is working with the project team to develop renderings, photosims, and visualizations for this effort.

Tamarac Multimodal Transportation Connectivity Master Plan, FL

Alta is developing the Multi-Modal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, aiming to identify effective strategies, network enhancements, and safety measures. The plan encompasses short, medium, and long-term recommendations for the policy and program, and a prioritized list of projects, which will guide the city's future infrastructure investments.

Atlanta Beltline Westside Trail Extension, GA

The Westside Trail Extension will close a very important 1.3-mile gap in the circuitous rail-to-trail system, connecting the existing Westside Trail and Westside BeltLine Connector. Atlanta BeltLine is one of the largest, most wide-ranging urban redevelopment programs in the United States. All segments include the consideration of a parallel light rail transit envelope, public art and park space and environmentally resilient materials. Alta and project partners are providing environmental services, landscape architecture, engineering, and construction services including administration, management, and bid procurement. Chelsea is a Designer working on recommendations and visualizations.

Audrey Cabay

Planner

Audrey discovered the intersection of sustainability, aesthetics, and practical, positive change in transportation planning while completing her BA in Public Health. After researching transportation equity in new shared mobility contexts at Texas A&M Transportation Institute, she joined Alta to contribute to high-quality, impactful work for people and the environment.

YEARS OF EXPERIENCE

3 years

EDUCATION

BA, Health Sciences, Rice University

AREAS OF EXPERTISE

Engagement

Planning recommendations

Relevant Experience

Cape Coral Multimodal Master Plan, FL

Alta worked with a team to develop a multimodal transportation plan for the City of Cape Coral. The Plan provides long-term direction for transportation policy and the implementation of transportation projects throughout Cape Coral, laying the groundwork for enhanced biking and walking experiences. Tasks included evaluating existing conditions, conducting an extensive public engagement plan, and creating implementable multimodal transportation recommendations. Audrey helped the team develop the recommendations using GIS based on the City's planned grid and future developments.

Tamarac Multimodal Master Plan, FL

Alta is working with the City of Tamarac to develop a comprehensive multimodal transportation master plan document that will provide recommendations for short, medium and long range projects for existing and future transportation needs. Audrey participated in the public engagement effort and analyzed feedback received from the community. She also assisted with writing the final report and making recommendations.

Palmetto Park Road Improvements, Boca Raton, FL

Alta is leading the reimagining of E Palmetto Park Road in Downtown Boca Raton. This effort will transform the corridor in a way that improves safety and multimodal infrastructure, serving all modes of transportation and maintaining the unique character of Downtown Boca Raton. As a production planner, Audrey is helping the team conduct crash analyses, digitize assets, review policy, and develop maps and surveys. She also produces materials for attends public engagement meetings.

Additional Relevant Experience

- Dunbar RCN Grant, Fort Myers, FL
- Silver Bluff Traffic Calming, Miami, FL
- St. Petersburg Neighborhood Greenways, FL
- Palmetto Park Road Improvements, Boca Raton, FL
- Naples Streetscape Design, FL

Ryan A. Johnson

Web Developer

YEARS OF EXPERIENCE

18 years

EDUCATION

BA, Linguistics, University of Minnesota Twin Cities

University of Tromso, Norway

AREAS OF EXPERTISE

Website Development and Programming

Natural Language Processing

Ryan is a web developer with 18 years of experience in web programming, web technology, full-stack web development, and natural language processing. He offers experience with a variety of programming languages, and has worked for a range of clients in modern web environments and languages. He has experience rebranding websites, creating templates that can easily be used by clients, and designing website applications (including backend, frontend, deployment, and data collection and organization). He is also experienced with a range of open-source web-oriented GIS and mapping tools. Ryan works collaboratively with designers and other technical staff to implement functional and user-friendly website improvements for a range of projects.

Relevant Experience

I-710N Mobility Hubs Plan, Los Angeles, CA
Alta led the development of the I-710N Mobility Hubs Plan, which evaluated existing projects and plans in the study area, assessed the availability of different modes of transportation, analyzed multi-modal supportive infrastructure and place-making strategies, and considered future mobility trends to inform the identification of 10 priority Mobility Hub locations and improvements that address mobility and public space issues.

SCAG Arrow Highway Multimodal Regional Corridor Plan, San Gabriel Valley, CA
Alta worked with the Southern California Association of Governments (SCAG) to develop a Multimodal Regional Corridor Plan for Arrow Highway, a 10-mile major arterial spanning several cities in the San Gabriel Valley (SGV) region. The goal of the plan is to improve access to active transportation, improve air quality and increase the safety of the roadway for all users through providing a safe and inviting multijurisdictional corridor for active transportation users in the San Gabriel Valley. As a Web Developer for this project, Ryan created a website that allowed the community to learn about the project and provide input.

St. Louis County Action Plan for Walking and Biking, MO
For this holistic Action Plan, St. Louis County aimed to understand the tends affecting transportation and how to improve walking and bicycling conditions throughout the County. Alta collected data and distilled results into recommendations that were provided in a guideline format. Alta also conducted community engagement for this project to further inform recommendations and project prioritization. Ryan developed a website for this project, which helped provide information to the public and garner feedback and support.

Additional Relevant Experience

- Dallas Bicycle System Plan Update, TX
- NMDOT Statewide Pedestrian System Plan, NM
- NHDOT Statewide Bicycle and Pedestrian Plan, NH

Scott Garth, PE, LEED AP ND

Stormwater Engineer

Scott serves as a Vice President for DRMP's Municipal Market Sector. He is responsible for project management, company growth, client relations, design and technical oversight of staff. He also serves as a Project Manager in DRMP's Water Resources Division. Mr. Garth has worked on many different types of transportation and drainage design projects accumulating a tremendous amount of overall engineering and permitting experience. Mr. Garth has attained certification as a LEED Accredited Professional, specializing in Neighborhood Development (ND) in his effort to provide sustainable and cost-efficient solutions.

YEARS OF EXPERIENCE

32 years

EDUCATION

BS, Civil Engineering,
University of South Florida

AREAS OF EXPERTISE

Stormwater modeling

Watershed modeling

Drainage design

REGISTRATIONS & CERTIFICATIONS

Professional Engineer:
FL (#70364)

LEED AP ND: #10691885

PROFESSIONAL HIGHLIGHTS

Florida Engineering Leadership Institute (FELI), 2014

Relevant Experience

Downtown Utility and Streetscape Improvements, City of Fort Myers, Lee County, FL

Scott is the Lead Drainage Engineer for seven miles of storm sewer redesign and permitting through the SFWMD. Project also involved urban streetscape and utility coordination. DRMP oversaw infrastructure improvements to City-owned utilities (including water, wastewater and reuse water) and implemented a downtown master plan developed by renowned architect and urban planner Andres Duany. The project required a master plan for utilities for the entire downtown district, to accommodate future growth predicted along the Caloosahatchee River, as well as conceptual planning and design of new sidewalks and pedestrian amenities.

Critical Culvert Inspections 2024, Hillsborough County, FL

As Project Manager, Scott performed a visual inspection of 874 storm pipes within the eastern and southern portions of the County. The purpose of the study was to assist the County in identifying storm pipes that require repair or replacement. The approach to the inspection used the FHWA Stormwater Pipe Inspection methodology. Services included field inspection, GIS inventory, condition rating, and report documentation. The condition rating included pipe material, diameter, condition of pipe, safety issues, flooding potential/risk, and site photos. ESRI Field Maps was used to record the pipe condition and field conditions.

Stormwater Master Plan, University of South Florida (Tampa Campus), Hillsborough County, FL

Scott is the Drainage Designer for implementation of various tasks associated with the Stormwater Master Plan. Projects included the design of a large trunk line storm sewer along Maple Drive in the heart of the USF campus. The roadway segment was an existing curb and gutter section with oak trees along the east side. Coordination with utilities and preservation/replacement of existing trees was part of the process. Another task included the expansion and enhancement of an existing pond adjacent to the Fine Arts Building (across from Moffit Cancer Center). The pond enlargement was needed to meet SWFWMD criteria and was designed to be aesthetically pleasing. The pond design included the installation of an impermeable liner to maintain a wet pond, a fountain, and a conspan arch pedestrian bridge. Other water quality components included a littoral shelf design, vegetative plantings and removal of nuisance vegetation.

Christine Dalickas, PE

Traffic Engineer

Christine serves as a Roadway Project Engineer for DRMP's Transportation Market Sector. She is responsible for plans production for transportation/traffic engineering projects including signalization plans, signing and pavement marking plans, intelligent transportation systems, lighting plans, traffic control plans and minor roadway widening projects.

YEARS OF EXPERIENCE

23 years

EDUCATION

BS, Civil Engineering,
University of Florida

AREAS OF EXPERTISE

Signalization plans

Roadway widening

REGISTRATIONS & CERTIFICATIONS

Professional Engineer:
FL (#62423)

Relevant Experience

Oakland Park Sidewalk Replacement, FDOT District Four, Broward County, FL
As Engineer of Record, Christine is responsible for the design of the signing and pavement markings for the sidewalk improvements. DRMP was awarded this project as a subconsultant and it consists of proposing sidewalk along 14 local street in the City of Oakland Park. This project is a Broward MPO funded mobility project on off-system roadways. Critical scope items include ADA sidewalk, swale regrading and drainage improvements, signing and pavement markings, utility coordination and public involvement with residents and schools.

Sample Road Interchange Improvements at I-95, FDOT District Four, Broward County, FL
As Engineer of Record, Christine is responsible for the design of the signing and pavement markings and the design of the signalization of the I-95 northbound and southbound off-ramp intersections for this project that consists of reconstruction of the I-95 and Sample Road interchange, includes widening the existing I-95 bridge over Sample Road and reconstructing the on and off ramps. This projects also consists of roadway widening of an off system roadway - NE 3rd Avenue, and intersection improvements at the intersection of Sample Road and NE 3rd Avenue. The project is currently in construction.

SR 5/US 1 (N Dixie Highway) Resurfacing Project from N Quadrille Boulevard to Palm Beach Lakes Boulevard, FDOT District Four, Palm Beach County, FL
Christine is the Deputy Project Manager and Engineer of Record for this signing and pavement markings and signalization design for the development of the design/ contract documents for the milling and resurfacing of this urban corridor within the City limits of West Palm Beach. This project also includes correction of substandard pavement cross-slope, as well as addressing substandard ADA features, signalization and signing and pavement marking upgrades. Extensive coordination with Palm Beach County and City of West Palm Beach staff was also required as part of this project.

SR A1A at SE 8th Street, NE 5th, Street, NE 10th Street and at Overlook Condo, Broward County, FL
As Engineer of Record, Christine is responsible for the design of unsignalized marked crosswalks and associated ramps to cross SR A1A (Ocean Boulevard) at these three intersections and a major residential driveway. Project included roadway design, signing and pavement marking and traffic control plan including lane closure analysis.

Patsy Fuschetto, PE

Traffic Engineer

YEARS OF EXPERIENCE

21 years

EDUCATION

BS, Civil Engineering, Florida International University

AREAS OF EXPERTISE

Lighting and signalization

Roadway design

REGISTRATIONS & CERTIFICATIONS

Professional Engineer: FL (#70364)

PROFESSIONAL HIGHLIGHTS

Advanced Work Zone Traffic Control

Patsy serves as a Roadway Project Manager for DRMP's Transportation Market Sector. He is responsible for project management and plans review, design and analysis, quality assurance/quality control for a wide range of project types. His design experience includes safety improvements, resurfacing, restoration and rehabilitation, cross slope correction, roadway widening and roadway reconstruction projects varying from 2-lane, 2-way facilities to complex interchanges. His experience also includes lighting, signalization, temporary traffic control plans, utility coordination, signing and pavement marking, pavement design, plans preparation, estimation of quantities and specifications.

Relevant Experience

Old Club Road and University Drive Roundabout, City of Parkland, Broward County, FL

Patsy is the Senior Lighting Engineer responsible for the design and layout of the decorative roadway lighting within the proposed roundabout for the intersection of University Drive and Old Club Road. Design elements include survey, roadway and drainage design, utility coordination and investigation, signing and pavement markings, hardscape and landscape design.

Coconut Boulevard from South of 78th Place to South of Northlake Boulevard, Palm Beach County, FL

As Senior Roadway Engineer, Patsy is responsible for the horizontal geometric layout during the Master Plan phase. This is a roadway widening/reconstruction project on Coconut Boulevard from 78th Place North to Northlake Boulevard. The project consists of widening Coconut Boulevard from a 2-lane to a 4-lane roadway with two middle turn-lanes. The project also involves adding a complete stormwater management system to the new roadway, out-falling to designated ponds within the corridor. The utility coordination involves identifying potential conflicts for existing utility/residential features with the proposed roadway work. Additional disciplines include drainage, utility coordination, environmental permitting and signing and pavement marking.

Collins Avenue Design, CHA Consulting, Inc. for FDOT District Six, Miami-Dade County, FL

Patsy is the Signalization Engineer of Record responsible for the analysis, design, plans production and quantities for this resurfacing, restoration, and rehabilitation project focused on enhancing SR A1A/Collins Avenue from 41 Street to north of the 4700 Block in the City of Miami Beach. Key aspects included milling and resurfacing, updating signing and pavement markings, and adding a second right-turn lane from southbound SR A1A to westbound 41 Street. Pedestrian safety enhancements were a major focus, with upgrades to pedestrian ramps and the installation of detectable warnings. The project also featured traffic monitoring site services and a signalized intersection lighting retrofit at SR A1A and the 4700 Block. Additionally, signalization upgrades at six intersections, new pedestrian signalization, pedestrian detectors, signs, the addition of a second pedestrian crosswalk at three intersections, and new electrical service were integral components of the project.

Samir Farra Otero, PE

Stormwater Engineer

Samir serves as Water Resources Engineer for DRMP's Civil Services Market Sector. In this role, his duties include stormwater modeling studies, plans and drainage report preparation and analysis of proposed solutions.

YEARS OF EXPERIENCE

5 years

EDUCATION

BS, Civil Engineering, University of Central Florida

BS, Environmental Engineering, University of Central Florida

AREAS OF EXPERTISE

Stormwater modeling

Stormwater analysis

REGISTRATIONS & CERTIFICATIONS

Professional Engineer: FL (#97959)

Relevant Experience

South Street Design Study Drainage Improvements, City of Fort Myers, Lee County, FL

Samir was the Stormwater Intern responsible for assisting in completing the City's existing stormwater drainage model and worked to develop an alternative model to improve flooding conditions. This project provided a site, stormwater and transportation engineering consultation for 3.6 acres of property located at 3348 South Street, Fort Myers, Florida. Phase 1 of this project provided engineering and consulting services to the South Street Steering Committee by preparing design and layout exhibits and sketches for the property, as well as conducting a survey of the residents in the area for their preferred options.

South Street Drainage and City View Park, City of Fort Myers, Lee County, FL

As Stormwater Engineer, Samir was responsible for the update of surface water model for existing conditions for the design and construction of a community park and upgrading the drainage in the surrounding neighborhood in the City of Fort Myers, Florida. Multiple storage options were analyzed to maximize the storage capacity within the park system for both the onsite and offsite drainage. The project included: design, surveying, and right-of-way mapping. Also, he was involved in required calculations for modeling, like datum conversions between survey and model and the material preparation for meetings with the City.

Palm Coast Stormwater Master Plan – Primary Systems, City of Palm Coast, Flagler County, FL

Samir was the Stormwater Intern responsible for storm floodplains in GIS for City of Palm Coast master stormwater modeling project. A comprehensive hydrologic and hydraulic computer master model was prepared for the entire City's jurisdiction using the computer program ICPR4. The model will be used to create floodplain maps, analyze flooding and develop improvements to the primary system of canals and control structures. Mr. Farra Otero's tasks included data collection, time of concentration and land use sampling calculations, modeling and GIS analysis.

Imperial Point Drainage Improvements, Pinellas County, FL

As Stormwater Engineer, Samir was responsible for completing drainage study of proposed improvements for the subdivision, including the expansion and refinement of a surface water modeling, conducting results analysis to meet County's LOS criteria defined for retrofit projects and conveying analysis and results to the client in a PER format. He will be part of the ongoing supplemental study for this project, which includes the incorporation of one County's surface water model into our model file for an expansion of the study area for a drainage study to alleviate residential flooding. The study includes data collection, survey services, geotechnical, ICPR4 modeling, alternative analysis and a Preliminary Engineering Report.

Angela Biagi, PLA, LEED AP BD+C

Planning Director

YEARS OF EXPERIENCE

24 years

EDUCATION

BLA, University of Illinois

REGISTRATIONS & CERTIFICATIONS

Professional Landscape Architect: FL, (#LA6666787)

PROFESSIONAL HIGHLIGHTS

American Society of Landscape Architects

Congress for the New Urbanism

Angela is a director at WGI, leading the firm's planning department. She leads a talented team of planners and designers who are dedicated and experienced in shaping the public and private realms. An active member of her community and respected professional in the industry, her passions include urban design, complete streets, and multimodal transportation projects. Leveraging her landscape architecture background along with her experience in planning, she works with agencies to provide planning and design solutions that create vibrant, safe, and livable communities. Her project experience involves master planning, complete street design, site and landscape design for the corridor and open space design, and extensive project coordination, including comprehensive plan and zoning code updates.

Relevant Experience

Walnut Street, City of Green Cove Springs, FL

Walnut Street is the historic main street for the town of Green Cove Springs. WGI prepared construction plans for this streetscape improvement project, including shade trees and other aesthetic and pedestrian improvements, to underscore this important gateway into downtown. The curbless design supports a multi-purpose street that can accommodate festivals, food truck events, and spur economic revitalization of the area. WGI services for this project included roadway and drainage, lighting, landscape/hardscape, survey, permitting with St. Johns River Water Management District (SJRWMD) and the Florida Department Of Environmental Protection (FDEP), and subsurface utility engineering.

Cherry Road TPA Grant 2020, Westgate Belvedere Homes Community Redevelopment Agency

Angela was the quality control manager for the project. WGI was retained to prepare a project feasibility report and provide grant writing assistance for thePalm Beach County TPA Transportation Alternatives Program grant cycle. WGI prepared a master plan graphic, designed typical cross section alternatives, and prepared cost estimates for pedestrian safety improvements. wThe project was awarded a $1M grant from the TPA grant program.

Banyan Boulevard, Australian Avenue to Flagler Drive, City of West Palm Beach, FL

Angela led the urban design and was the landscape architect of record on the project. The goal of this corridor redevelopment was to create a vibrant street and a downtown gateway, prioritizing pedestrians and cyclists, and integrate alternative mobility infrastructure, as well as safely accommodating automobiles. The recommended typical section incorporated a raised protected cycle track for the length of the corridor, protecting cyclists from vehicular conflicts and reducing the width of pavement, which encourages slower, safer driving speeds.

Eric Orndorff, PSM

Survey and Data Engineer

YEARS OF EXPERIENCE

23 years

EDUCATION

MS, Civil Engineering (Surveying and Mapping), University of Florida

BS, Geography, Pennsylvania State University

REGISTRATIONS & CERTIFICATIONS

Professional Surveyor/Mapper: FL (#LS7248)

Professional Land Surveyor: MD (#21219); PA(#SU075125); NC (#L-5480); KY (#4530)

Eric is an experienced market leader for geospatial services, with over 20 years of experience in engineering consulting. He is well-versed in providing geospatial services on municipal surveying and GIS projects. Eric spent most of his career serving state and local clients on infrastructure improvement and asset management projects. He has a propensity for bringing GIS solutions to his surveying work, approaching projects with appropriate accuracies, and integrating multiple data sources. Eric has delivered projects in various coordinate systems and vertical datums including NAVD88 and NGVD29. He has led surveys for countless projects to support water and stormwater infrastructure projects, area-wide sanitary sewer, transportation corridors, natural gas midstream pipelines, energy transmission projects, and dozens of municipal infrastructure GIS projects. He has presented at numerous national and regional conferences and written for professional publications.

Relevant Experience

Plan Reviews, City of Groveland, FL

Eric conducted routine reviews of site plans, construction plans, and plats for proposed developments, crafting written responses to consultants based on reviews, relevant city ordinances, and F.S. Chapter 177. WGI was contracted to provide support services on an as-needed basis for a scope of services including legal descriptions, digital terrain modeling, aerial and topographical surveying and mapping, land surveying, parcel mapping, platting, geographic information systems development and support, and utility system mapping.

Master Survey Agreement, City of Oviedo, FL

Eric provided oversight of site control and as-built surveying along with periodic quality control reviews. WGI provided professional surveying services for miscellaneous projects throughout Oviedo under this task order-driven master services contract. Services included preparation of land surveys, boundary surveys, topographic surveys, tree surveys, right-of-way location surveys, legal descriptions, plat and map reviews and recommendations, title searches, as-built surveys, construction staking, cross-selections for drainage basin analysis, design surveys, construction layout and subsurface utility locations, and GIS grade mapping.

Surveying Services MSA, Various Counties, PA and WV

Eric managed all boundary and topographic surveys, the design and permitting of natural gas well pads and midstream pipelines, the construction staking of pad and access roads, and erosion and sediment pollution controls. The scope of services included creating pad plats for review by the Pennsylvania Department of Environmental Protection (PADEP), performing surveys to support the Pennsylvania Department of Transportation (PennDOT) highway occupancy permits (HOPs) and various PADEP general permits for stream and wetland encroachments, preparing pooling unit exhibits for landowner royalty payments, and managing all stakeout and as-built surveys on the seven-mile Katie Pipeline.

John Cerreta, PE

Roadway Engineer

John has diverse transportation experience, including project management, project development and environment (PD&E) studies, design feasibility studies, final roadway and structural design, coastal and marine structural and program management support, design-build owner's representative for RFP and design criteria development and management, and design-build teaming and management. John is proficient in project management, scope and staff hour development, scheduling, and progress reporting on roadway design contracts. As senior project manager, his current general duties include overseeing and/or assisting with the production of transportation projects, progress reporting, financial status, and schedules.

YEARS OF EXPERIENCE

32 years

EDUCATION

MS, Structural Engineering, University of South Florida

BS, Civil Engineering, University of South Florida

REGISTRATIONS & CERTIFICATIONS

Professional Engineer: FL (#PE53992)

Advanced Maintenance of Traffic

REGISTRATIONS & CERTIFICATIONS

American Society of Civil Engineers

American Society of Highway Engineers

Florida Engineering Society

National Society of Professional Engineers

Relevant Experience

Banyan Boulevard Phase II, Design and Contract Document Services, Australian Avenue to Flagler Drive, Palm Beach County, FL

John was the project manager for this complete street project. Banyan Boulevard functions as a gateway into downtown West Palm Beach for many government employees and residents. Typical roadway sections were developed to transform the corridor into a bicycle and pedestrian-friendly link. The recommended typical section incorporated a raised protected cycle track for the length of the corridor, protecting cyclists from vehicular conflicts and reducing the width of pavement, which lends itself to slower driving speeds. The use and placement of the tree canopy creates a sense of enclosure and visual order. Due to the urban setting, soil cells installed underneath the sidewalk were a key component to the overall design to ensure the trees would have enough soil and water to thrive. Bioswales planted with native ground cover were used to alleviate drainage issues throughout the corridor.

CR 798 (Palmetto Park Road) over LWDD E-4 Canal (El Rio Canal) Bridge Replacement, Palm Beach County, FL

John performed plans review and design quality control services. The project consists of the replacement of the Palmetto Park Road (CR 798) bridge over the El Rio Canal/ Lake Worth Drainage District E-4 Canal. The proposed bridge will be positioned off center to the north of the existing bridge, requiring the realignment of Palmetto Park Road for approximately 1,200 feet east and west of the bridge crossing.

NW 29th Street Complete Streets, Broward County, FL

John was the project manager and engineer of record for this complete street project. Under WGI's districtwide minor design contract with FDOT District 4, this task word order included engineering services for the widening of NW 29th Street from SR-845/ Powerline Road to Andrews Avenue to accommodate bike lanes within the project limits. Additional improvements included constructing a missing sidewalk segment, signing and pavement marking, pedestrian signal upgrades, and localized drainage improvements. Improvements with the City of Wilton Manors included early public engagement with all local stakeholders to ensure public support.

Kristen Nowicki, AICP

Planner

YEARS OF EXPERIENCE

24 years

EDUCATION

MURP, University of Florida

BS, Environmental Science, University of Florida

AREAS OF EXPERTISE

Development review

CRA plans

Multi-disciplinary projects

REGISTRATIONS & CERTIFICATIONS

American Institute of Certified Planners (#023382)

PROFESSIONAL HIGHLIGHTS

Broward Section of the American Planning Association, Past Chair

Leadership Broward, Class XLI

Kristen is a senior project manager specializing in urban planning, community outreach, development services, public speaking, and leadership. Her planning experience includes development review, transportation, writing and revising comprehensive plans, Community Redevelopment Area plans, and land development regulations. She is a relationship builder with an eye for projects from all angles based on her experience in municipal planning and private sector consulting. Kristen has consistent success implementing planning processes that align with projected trends to promote sustainable growth and redevelopment. She is active in professional associations and engaged in multi-disciplinary learning and sharing for continued professional growth.

Relevant Experience

The Fort, Fort Lauderdale, FL

Kristen led the consultant team through the development approval process. The Fort is a public-private partnership with the City of Fort Lauderdale to develop recreational uses within the existing Snyder Park, featuring 46 pickleball courts, concessions, and additional recreational amenities.

Advantis Station in Flagler Village, Fort Lauderdale, FL

Advantis Station is a 12-story multi-family residential building with structured parking for 252 units and approximately 1,200 square feet of commercial space with frontage on NE 3rd Avenue and Sistrunk Boulevard. Four ground floor units are for “live/work,” allowing small business owners to have a separate commercial space within their apartments. To achieve redevelopment approval on the 1.42-acre site, WGI led a Level III Site Plan with Conditional Use and a parking reduction order.

Progresso Village, Fort Lauderdale, FL

WGI partnered with Prospect Real Estate Group to transform a 1.3-acre site used as a vehicle salvage yard for almost 70 years into a dynamic mixed-use community with recreational, commercial, and residential spaces. The proposed development consists of a multi-family residential building with structured parking for 167 dwelling units, two of which are live/work units, and approximately 1,500 square feet of commercial space at the height of 11 stories. The site also includes a variety of amenities, including a ground-level dog park and yard games for the residents. This site is in the Progresso Village area in the Northwest Regional Activity Center, Mixed-Use East (NWRAC-MUe), which has a master plan with design guidelines. The WGI team created a Level II Site Plan and parking reduction order to attain approval for the development plan.

Community Redevelopment Area Expansion and Time Extension, South Miami CRA, South Miami, FL

Kristen conducted a site inventory of the current CRA and proposed expansion area, facilitated community outreach, and prepared multiple reports including a site inventory, finding of necessity, assessment of need, CRA justification report, and an update to the community redevelopment plan. The team was contracted to extend the timeline of the CRA and expand its boundaries per the requirements of Florida Statutes and Miami-Dade County.

Lisa Nisenson

New Mobility/Connected Communities Planner

Lisa is a respected urban designer known for combining timeless community design and innovation with focus on fast-tracking advanced planning techniques and emerging technologies. She has been a new mobility and smart city consultant, researcher on smart mobility, and urban planning start-up founder. Recent innovative projects include performance-based parking plans, sustainable mobility plans, and customized funding recommendations. Her passion is reinventing community planning processes and tools to meet trends and challenges.

YEARS OF EXPERIENCE

33 years

EDUCATION

MA, Education Administration, Harvard University

BA, Biology, Meredith College

AREAS OF EXPERTISE

New Mobility

Placemaking

Parking

PROFESSIONAL HIGHLIGHTS

American Planning Association, Sustainable Communities Division

American Planning Association, Smart Cities Task Force

TEDx Talk, 2015

Relevant Experience

East Palmetto Park Road Complete Streets Plan, Boca Raton, FL
Lisa is the Parking and Mobility Lead for a complete streets and mobility plan in downtown Boca Raton, Florida, with a focus on a main east-west corridor and evacuation route. Lisa is looking for creative ways to better use existing parking and improved circulator service, biking, and walking so Boca can continue to grow without gridlock.

Mobility Plan, City of Lake Worth Beach, FL
Lisa lead the mobility, policy, and funding aspects of a plan to develop mobility improvements and solutions that align with grant program criteria on mobility technologies, safety, climate, and equity for the city's diverse community. The team used innovative data analysis and a decision support framework that allowed the public and elected officials to understand and rank priority action.

Ultimate Urban Circulator (U2C) Autonomous Vehicles (AV) Program, Jacksonville, FL
As part of the U2C project, Lisa will worked with the Jacksonville Transit Authority to develop and execute stakeholder outreach for the autonomous transit shuttle service in downtown Jacksonville, making this the largest deployment of AV shuttles in the United States.

Parking and Curbside Management Master Plan, City of Delray Beach, FL
Lisa oversaw analysis, recommendations, policy, implementation design, and stakeholder outreach. This innovative plan transforms the City's outdated parking system into a technology-enabled and performance-based program to better use existing parking facilities and institute curbside management through new pricing and time limits, digital signage, updated permits, mobility, infrastructure improvements, and a technology roadmap.

Sustainable Mobility Plan, Town of Wellesley, MA
Lisa led stakeholder engagement, data strategy development, research, and analysis for new mobility solutions to reduce transportation-related climate impacts and add resiliency to the town's transportation and mobility systems. Concepts for the plan included both mobility (transit, shared-use mobility, safe routes to school) and land use approaches (15-minute city, transit-oriented development).

Monica Diaz

Senior Community Outreach Specialist

INFINITE SOURCE COMMUNICATIONS GROUP

Monica is a bilingual communications professional, experienced in public involvement, public relations, print journalism and integrated marketing communications. As Principal of Infinite Source Communications, she has more than 21 years of professional experience including managing staff and communications budgets and overseeing national marketing campaigns. She personally managed outreach for over 60 roadway projects throughout South Florida, serving as the lead spokesperson for FDOT District Six Construction and City of Miami Beach. She has experience managing high-profile public involvement/public relations projects, building public consensus, communicating with key stakeholders and media, and executing marketing and design efforts for multiple clients.

YEARS OF EXPERIENCE

21 years

EDUCATION

BA, Journalism and Mass Communication, Arizona State University

AREAS OF EXPERTISE

Project management

Strategic communications

Planning and Environmental communications

PROFESSIONAL HIGHLIGHTS

FEMA Certified

Creative Director Media and Public Speaking Coaching

Relevant Experience

City of Fort Lauderdale Next Stop Fort Lauderdale Planning Study, Broward County, FL
Monica worked with the team to develop a promotional campaign to raise awareness and garner public attention. Efforts included an e-blast campaign, participation at local events, and HOA presentations.

FDOT D4 Districtwide Office of Modal Development (OMD) Special Projects & Communication Services, Broward County, FL
Monica works with OMD to manage contract deliverables, budgets and program current and upcoming campaigns. Recent tasks included developing a research report for Motor Transit Safety, launching Be Rail Smart and planning for the Transit Safety Campaign in June 2023 and 2024.

Rickenbacker Causeway Master Plan, Miami-Dade, FL
Monica leads all community engagement and outreach for the plan as well as attends stakeholder and elected official briefings, and special events.

SW 10 Street Connector PD&E Study, City of Deerfield Beach, Broward County, FL
Monica is responsible for developing a community outreach campaign to garner positive feedback from the local community. Strategies included, an e-blast and social media campaign, LED truck advertising, direct outreach, and pop-up events.

Turnpike (SR 91) from South of I-595 to Wiles Road, Broward County, FL
Monica worked with the Turnpike to developed and publish an online public meeting room as well as facilitate the coordination and attendance of the Kick-off Public meeting, which had over 400 people in attendance.

SFRTA 2045 RTP Website Development and Social Media, Broward County, FL
Monica worked with the regional team to develop the vision for the 2045 Regional Transportation Plan website www.movefloridaforward.org. She worked with Broward MPO to launch a social media campaign to increase participation.

Walna Calixte

Senior Community Outreach Specialist

INFINITE SOURCE COMMUNICATIONS GROUP

Walna is a bilingual Public Information Liaison with over 23 years of experience in project management, branding, and communications. She is experienced in communicating with diverse communities and delivering messages to the public, media, government officials and other external stakeholders. She successfully spearheads outreach projects for the Florida Department of Transportation Districts Four and Six in Project Development and Environment and Design. She is a multi-tasker, well-versed in developing, writing, and proofing materials in both English and Creole. Walna prides herself on providing exceptional client service which allows her to successfully leverage professional relationships to develop new business opportunities and optimal project outcomes.

YEARS OF EXPERIENCE

23 years

EDUCATION

Business Administration, Broward College

Paralegal Studies and Pre-Law, Miami-Dade College

AREAS OF EXPERTISE

Community Engagement & Stakeholder Relations

Bilingual Communication & Outreach

Project & Campaign Management

PROFESSIONAL HIGHLIGHTS

FEMA Certified

Relevant Experience

Next Stop Fort Lauderdale, City of Fort Lauderdale, Broward County, FL
Walna assisted with coordination and outreach efforts for this project from attending meetings, and developing meeting collaterals, stakeholder and property owner databases, coordination with City staff, and organized meetings.

I-75, City of Weston, Town of Davie, Broward County, FL
Walna leads all outreach efforts for this project from developing project collaterals, stakeholder and property owner databases, website coordination, coordination with City staff and officials to organize and moderate a hybrid meeting.

FDOT District Four Districtwide Design Projects, Broward County, FL
Walna leads all outreach efforts for this contract developing CAPs, stakeholder and property owner database, developing all project collaterals and meeting information. She also organizes and moderates all hybrid public meetings.

I 75 & Pines Interchange Improvement, City of Pembroke Pines, City of Miramar, Broward County, FL
Walna leads all coordination and outreach efforts for this project from developing CAPs, stakeholder and property owner database, developing all project collaterals and hybrid meeting information.

SW 10 Street Connector PD&E, City of Deerfield Beach, Broward County, FL
Walna is responsible for spearheading stakeholder and elected official briefings coordination and attendance, social media promotions, and special event coordination and attendance. In addition, she supports the team with coordination and attending all Elected Official briefings, stakeholder and HOA meetings. She assisted in moderating a 3-day virtual public hearing series in October 2020.

4.2.5

Approach to Scope of Work

Project Understanding and Approach

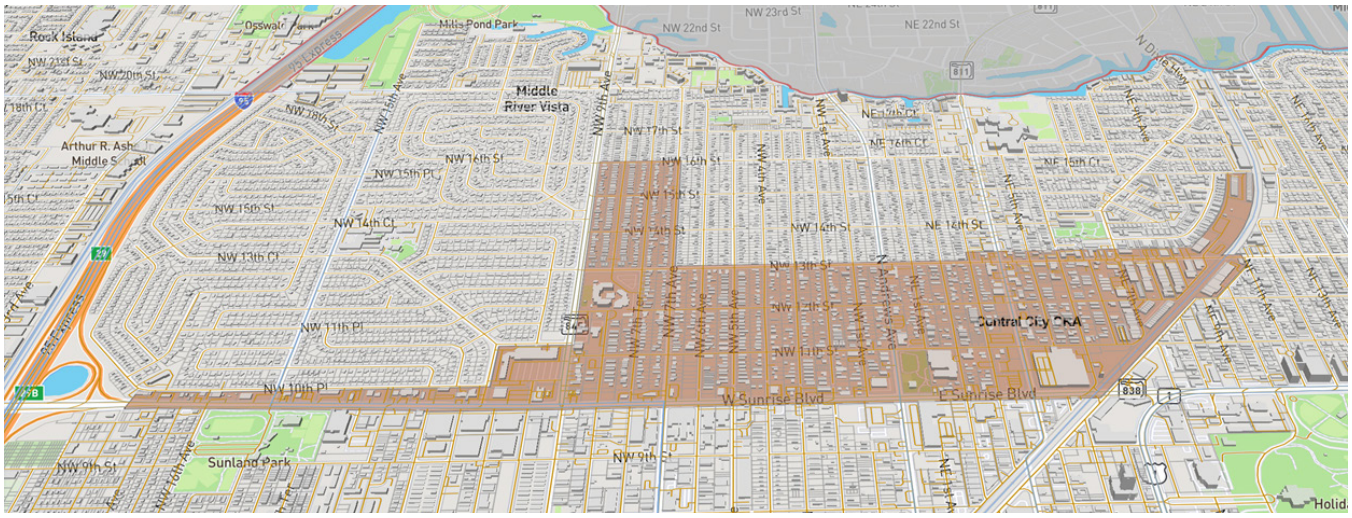
The City of Fort Lauderdale's Central City Community Redevelopment Agency (CRA) Area has seen tremendous growth and transformation over the years. The area enjoys a blend of residences and businesses, as well as a high potential for growth and redevelopment. With desirable growth locations, however, comes the strain on current infrastructure resources. The Central City CRA is faced with balancing growth with aging infrastructure, flooding events, as well as multimodal mobility needs. For this reason, the Central City CRA is embarking on creating a Capital Improvement Master Plan (CIMP) that will identify infrastructure projects related to roadway, pedestrian, bicycle, transit and stormwater infrastructure.

To devise a context-based Central City CRA CIMP, it is important to understand the community character, history, policies, and planned development. Over 4,000 residents call the Central City CRA area home, half of whom are under the age of 35. The average household income is $57,366, which is significantly lower than the citywide average of $80,539. About a third of all homes are owner-occupied. There are three schools located within the area, and six others within 0.5-miles of the CRA boundary. Between NE 13th Street and Sunrise Boulevard, almost 27% of households do not have access to a car.

The development of the CIMP is an important milestone for the Central City CRA and the City of Fort Lauderdale. We have assembled a team that understands the local needs of the community and has helped communities in Florida and across the country "future-proof" their infrastructure in similar mature urban contexts. Our team will bring in our deep local and national expertise and will apply the City's current vision and principles to create the CIMP. The Project team from the City's Comprehensive Plan framework, which calls for the following core values:

- **Neighborhood Enhancement**: Healthy and diverse neighborhoods
- **Infrastructure**: Pedestrian friendly, multi-modal, sustainable and resilient community
- **Business Development**: Economic development, superior transportation, educational excellence
- **Public Places**: Access, identity, partnerships for better spaces, health and recreation
- **Public Safety**: Police, fire, emergency management and disaster recovery Internal Support

Alta has a unique practice that is centered on Complete Streets and multimodal infrastructure elements. We have the expertise needed to resolve intricate transportation, urban design, and land use issues to create connected, vibrant, and livable communities. We excel in planning and designing solutions that result in economic growth for business districts and create environmental, social, and health benefits for the community. Additionally, our team believes that delivering a successful Central City CRA Capital Improvement Master Plan must be thoroughly vetted by the community and stakeholders.



The CRA area includes 344 acres and is generally bounded by 13th and 16th Streets on the north, Sunrise Boulevard on the south, on the west by Powerline Road and I-95, and on the east by the Florida East Coast Railway (FEC) Railroad right of way.

Source: https://map.gridics.com/

Enhancing Major Corridors

The Central City CRA is growing, and it is important to create a clear roadmap for roadway, pedestrian, biking, transit, and stormwater infrastructure improvements that can support the economic growth along commercial corridors such as NE 13th Street, NE 4th Avenue, NE 7th Avenue, N Flagler Drive, and East Sunrise Boulevard. Capital projects can take many forms, including Complete Streets, intersection safety treatments, traffic calming, midblock crossings, lighting improvements, bus stop area enhancements, American Disability Act (ADA)-compliant infrastructure, green infrastructure, drainage and stormwater improvements, filling sidewalk gaps, maintenance interventions, streetscape improvements, traffic flow enhancements, bikeway installations, connections to local and regional transit, and supportive parking policies. Other supportive programs like placemaking, bike parking, bike share and Open Streets events further enhance the character and economic health of the City's commercial corridors, recreational areas, and residential neighborhoods.

The NE 13th Street Complete Streets Project is a signature project of the Central City CRA. The project created safe multi-modal access for all users of the road. This project achieves the City's vision of creating connected communities in Fort Lauderdale. Currently the City is working on the replacement of a deteriorated 24-inch diameter sewer force main. The force main is located along NE 13th Street, from State Road 845 to State Road 811. In addition, along NE 4th Avenue and at the intersection with NE 13th Street the City recently completed transportation improvements and streetscape enhancements.

Build Community Consensus Through Collaboration

Alta will create a comprehensive and culturally sensitive engagement process where the Plan's vision, goals, and recommended capital projects are tied directly to community input and are refined through continuous review and feedback. A transparent process will provide community members, elected officials, Florida Department of Transportation (FDOT), Broward County, Broward Metropolitan Planning Organization (MPO), community groups and other stakeholders with an understanding of how input is collected and incorporated into the Master Plan.

Implementation Focus

The Central City CRA CIMP is an opportunity to create a comprehensive vision that catalyzes the shift towards planning, programming, and implementing capital projects. The Plan should therefore connect gaps in the existing network, outline and prioritize infrastructure improvements projects, identify funding sources, foster potential partnerships, and short, medium and long-term strategies and recommendations. We will collaborate with City departments to prioritize Community Development Block Grant (CDBG) Program funds, State Housing Initiatives Partnership program (SHIP), and other non-CRA dollars to rehabilitate structures, such as the Broward Surtax Mobility Advancement Program, FDOT Safe Route to School (SRTS) program and Broward MPO Complete Streets Localized Initiatives Program (CSLIP).

FDOT District Four has initiated the **SR 5/US 1 at SR 838/Sunrise Blvd Gateway PD&E Study** that is evaluating traffic congestion and improving multimodal mobility and safety in the eastern Broward County area, within the City of Fort Lauderdale. This project represents an opportunity for the Central City CRA to propose the extension of multimodal improvements (12 ft shared use path) along Sunrise Blvd west of NE 15th Avenue.

Creating a Connected Community

At Alta, we understand that building a comprehensive, integrated CIMP is essential to enhancing the quality of life and public health. The capital projects identified by this Plan will focus on connecting residents, employees, students, shoppers, and visitors with important destinations and community assets. This Plan presents an opportunity to identify projects that connect to the existing community facilities, schools, parks, neighboring CRAs, Downtown Fort Lauderdale and neighboring cities. Connections to these neighboring cities can foster potential partnerships to collaborate on funding grant applications.

A planned protected bikeway and pedestrian path designed as part of the West Palm Beach Mobility Plan. Green infrastructure elements, shade, lighting, and other infrastructure were identified as part of the prioritized projects in the Plan.

Work Plan

We will work collaboratively with the City and stakeholders to develop a Comprehensive Central City Capital Improvement Master Plan with projects that are feasible, cost-sensitive, and consensus-driven to address City's overall goals and objectives. We have included our Work Plan for implementation with a process that follows the tasks identified in the RFP. Our Work Plan is flexible and adaptable, and we are ready to work with you to customize it to meet your needs and available resources.

TASK 1: PROJECT MANAGEMENT

Alta considers project management and quality control as one of the key components to the success of a project. Producing a high-quality product that meets the City's needs, schedule, and budget requires an understanding of the concerns of the City, its departments, and other stakeholders. As a result, effective project management requires communication skills that facilitate a common expectation of project outcome.

Alta's Project Manager (PM), Alia Awwad, PE, will provide experienced project management for this effort. With over 22 years of experience in transportation planning and engineering in the public and private sectors, including as the City of Fort Lauderdale's Engineering Design Manager between 2013 and 2016, Alia is intimately familiar with the nuances associated with crafting a set of responsive projects within fiscal constraints. Supporting Alia as Principal-in-Charge (PIC) is Ryan Sharp, AICP. Prior to his role at Alta, Ryan served as the City of Hoboken, NJ's Director of Transportation and Parking, overseeing an infrastructure budget of $75,000,000 and successfully implementing multimodal and stormwater infrastructure that led to the City's unique distinction of being the only city in the country to go on eight consecutive years without a single traffic-related fatality. Ryan also worked closely with the City's leadership to develop and utilize a holistic approach to capital planning and infrastructure projects. This approach focused on integrating multiple city priorities, including Vision Zero, complete streets, stormwater management, climate resiliency, and open space expansion, into every possible project. By combining these initiatives, the City's implementation was significantly streamlined. We recommend adopting a similar strategy for Fort Lauderdale's CIMP.

Alia and Stephanie Garcia, Assistant Project Manager (APM), will manage the project schedule effectively using Microsoft Project, and will be collaborative and flexible, providing the leadership needed to build consensus among both residents and stakeholders. Invoices will be submitted on a monthly basis. Additionally, each of our project submittals will be reviewed by qualified subject matter experts through our robust Quality Control and Assurance process.

Alia will serve as the project's main point of contact, coordinating all project activities with team members, and CRA and City staff. Alta will also lead communication and coordination with stakeholders, including City Departments, FDOT District 4, Florida East Coast Railway (FEC), and Broward County staff. Additionally, our team will establish frequent communications with community groups such as the Central City Alliance and Neighborhood Associations (Lauderdale Manors HOA, Poinsettia Heights Civic Association, South Middle River Civic Association, Lake Ridge Residents Association, Middle River Terrace Association).

Alta has extensive experience working with stakeholders and the community within Broward County and is excited to continue to build upon these relationships for a successful project.

1.1 KICK-OFF MEETING

Upon obtaining Notice to Proceed, Alta will schedule and facilitate a kickoff meeting that will offer the project team and City staff an opportunity to clearly outline communication protocols, invoicing requirements, review and refine the project scope, review available data, discuss potential challenges and opportunities, and establish the project schedule and deliverable milestones.

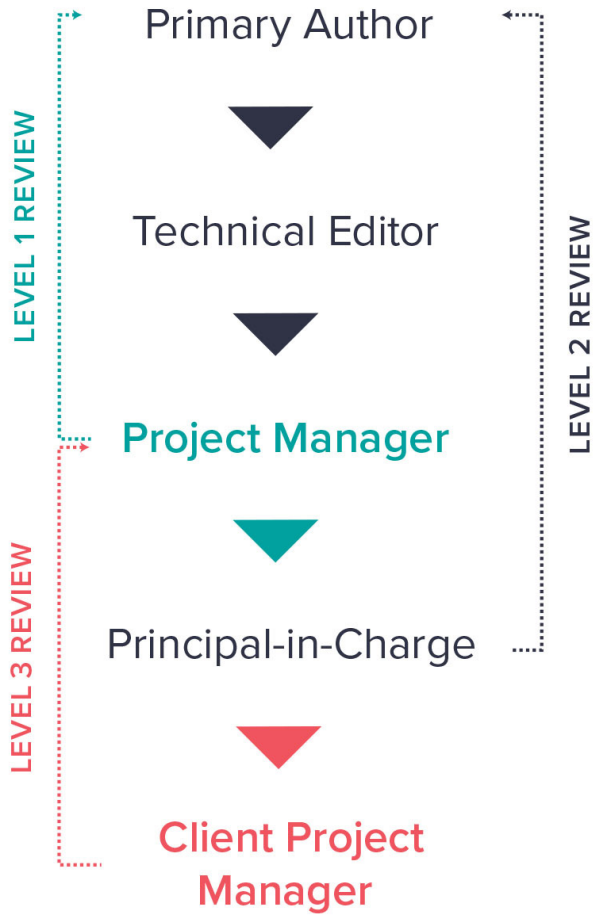
Alta will provide a refined work plan for this meeting based on City's feedback on this scope. The kick-off agenda will include:

- Review of project schedule and key milestones for public engagement
- Review of data request and exchange
- Facilitated discussion of project objectives and policy implications
- Definition of action items throughout the project

1.2 PROJECT COORDINATION AND ADMINISTRATION

Alta will facilitate, schedule, and attend coordination meetings as needed throughout the life of the project.

In addition to the coordination meetings, the Alta Team will coordinate with project stakeholders, other public and private utility entities, private development companies, and City staff. Alta's Project Manager will engage members of the project team as appropriate to provide the CRA staff with updates on the progress of the project including internal team meetings between subconsultants.



1.3 QUALITY ASSURANCE/QUALITY CONTROL

Our QA/QC process begins at the start of the project. We believe that everyone on the team is responsible for providing our clients with quality products and deliverables. The QA/QC process will be led by Alta's designated QA/QC Manager Spencer Finch, PE, whose primary role will be to ensure the integration of project goals and to verify the accuracy and consistency of project deliverables. Alta utilizes Bluebeam Revu for deliverables review which allows us to document all of the review comments and see that all comments are addressed prior to submitting to our clients. By using Bluebeam Revu sessions for our QA/QC process, we improve efficiency and are able to utilize our design experts across the company as reviewers.

Our quality management procedures will see that:

- Work is performed by qualified personnel
- The necessary information is documented, checked, transmitted, and reviewed for completeness
- Documents are reviewed by the appropriate technical staff for constructability and accuracy
- Products are reviewed by staff not involved in the project to provide a fresh perspective and insight.

Task 1 Deliverables

- Meeting agendas for kick-off meeting and monthly meetings.
- Detailed project schedule outlining all tasks, milestones, and deadlines.
- Monthly project invoicing with brief status reports.
- Controlling, storing, and maintaining project records.

TASK 2: INITIAL RESEARCH & ANALYSIS

TASK 2.1 UNDERSTAND EXISTING PLANS, RELEVANT SITE STUDIES, AND DOCUMENTS

This scope assumes the City and partner agencies will assist the Alta team in obtaining previous studies, and documents, record drawings, right-of way and parcel maps, records of survey, parcel and subdivision maps, available utility maps, utility plans, assessor's maps, and available survey information in ArcGIS or AutoCAD format.

Given Alta's depth and breadth of experience with transportation projects, complete streets, and design and planning efforts throughout the region, we anticipate being able to review and efficiently

synthesize existing transportation and land use planning documents and studies, as well as other projects, programs, and policies that might impact the study area into one cohesive, easy to read Existing Conditions Summary Memo.

Document Review

With guidance and support from City staff, Alta will expect to review the following documents or document types:

- City planning documents: 2020 Fort Lauderdale Comprehensive Plan, Fast Forward Fort Lauderdale Vision Plan, Press Play Fort Lauderdale 2024 Strategic Plan, Stormwater Master Plan Design and Implementation Program – 2021, Update Sidewalk Master Plan (not yet published; started in 2024), Connecting the Blocks, Neighborhood Mobility Master Plans
- City Code: Fort Lauderdale Unified Land Development Code
- CRA planning documents: 2018 Central City Community Redevelopment Plan, Central City rezoning project
- City ordinances, regulations and guidelines: Complete Streets Policy, Complete Streets Manual, City of Fort Lauderdale guidelines and standard details.
- Transit Master Plan
- Stormwater Master Plan
- City's Fortify Lauderdale Initiative - Proposed Phase 2 Projects
- Transit-Oriented Development
- Reports and/or plans from various public agencies
- Other projects in the area and private organizations (property lines, title reports, etc.)

Our Land Use and (Re)Development Expertise

The Central City CRA encompasses an intricate mix of land uses nestled within the city's urban fabric. This requires a strong understanding of the land use policies and zoning regulations that helped shape the area, to be able to create a capital improvement plan that responds to current and future development. Our proposed Project Manager, Alia Awwad, PE, previously served as the City of Fort Lauderdale's Engineering Design Manager, where her role entailed reviewing and approving all developments and redevelopment projects that go through the City's Development Review process for mobility and parking impacts. Therefore, Alia is intimately familiar with the challenges that City and CRA staff encounter in balancing redevelopment opportunities with existing infrastructure capacity and needs.

Additionally, for over 25 years, our partner WGI has established deep expertise in all facets of the land development process: from master planning to site selection and design, to permitting and construction management. The Land Development Division is supported by a multi-disciplinary team of planners, landscape architects, environmental scientists, civil engineers, utilities coordination, and transportation experts. Working across the country, WGI has amassed a portfolio of successful public, private, institutional, and utilities projects. Some of our signature projects in South Florida include single and multi-family residential, mixed-use development, master development projects, urban infill, education facilities, hospitals, and municipal buildings. Moreover, to meet the challenges of fast-moving trends and conditions, WGI is investing in new technologies for 3-D mapping and modeling that deliver benefits for cost savings, accuracy, and tools to better compare alternative building, site, and infrastructure design options.

TASK 2.2 DATA COLLECTION, INVENTORY, AND ANALYSIS

The Alta team will prepare a scalable data collection strategy after discussing with City staff and the CRA that identifies street- and sub-level conditions. Using relevant data provided by the City and/or publicly available from other sources, we will review Fort Lauderdale's existing roadway network (bicycle, transit and pedestrian facilities and supporting infrastructure), stormwater and green infrastructure. This includes:

- Existing and proposed land use data available
- Demographic data (population, employment, and other information) from the Census, including from the American Community Survey
- Pedestrian, bikeway, and trail inventory, including sidewalks, crosswalks, bikeways, existing bicycle parking and wayfinding signage, where data is available
- Existing parking, parking lots, on street and garage infrastructure.
- Roadway characteristic data provided by the City, County, and FDOT (including number of travel lanes,

roadway/travel lane width, posted speed limits/speed survey data, and traffic volumes data, as available)

- Points of interest and key destinations, including commercial areas, schools, parks, transit stations and bus stops
- Fieldwork will be conducted to verify critical elements of the City's existing facilities in person, supported by a review of available aerial photography and/or Google Street View

Note on Our Data Collection Approach as it Relates to Resiliency

Our team will collect and organize the data for not only the conventional elements of capital investments, but also data needed to assess resilience and adaptation. Adaptation to extreme weather events is woven into the City of Fort Lauderdale's plans, engineering standards, and funding criteria. The Alta team will review existing efforts such as the City's Fortify Lauderdale Initiative focused on improving resiliency; Alta will work with City staff to incorporate proposed projects in the CRA Central City area and identify additional needs and opportunities. Currently, there are 12 stormwater management improvements projects on the phase 2 neighborhood plan, comprised on 17 neighborhoods including: South Middle River, Middle River Terrace and Lake Ridge.

Our team will assemble data available from the City, Broward County, the Broward MPO, and other sources to identify vulnerable subareas and associated adaptive design. For those vulnerable areas, we will also explore probable root causes of problems related to mobility and infrastructure such as flooding. With this information, the team will recommend where targeted data collection is needed to determine root causes and design options. For example, the Broward MPO found that street flooding in Hollywood, Florida was related to undersized pipes, which led to less costly, nature-based alternatives, compared to more expensive treatments such as raising the roadway.

Note on Deploying LiDAR Technology

Our team has the deep capacity and expertise to undertake the needed field and subsurface surveys for this effort. Our teaming partner, DRMP, has a locally designated survey team, who in addition to subsurface utility engineering (SUE) services, has developed specialized integrated survey techniques which combine high accuracy data collection using the latest in technology such as Terrestrial LiDAR, Robotics and GPS combine with conventional collection methods for surface validation. DRMP's offerings and include National Pollutant Discharge Elimination Systems reporting, National Flood Insurance Program consultation, urban blight studies, and emergency management through innovative and scalable GIS solutions. DRMP can use laser scanning to provide as built and topographic surveying services. A major benefit to using LiDAR (Terrestrial Static LiDAR) is a reduction in time field personnel are working in public areas. Another added benefit is being able to always go back to the point cloud to pull out new features beyond the original scope of the collection. This will be especially useful as the team crafts the different components of the prioritized projects in the Capital Plan.

Data Collection Approach

Depending on the City's preference and available resources, there are three potential options for data collection. The first is traditional field data collection where infrastructure assets are collected in the field and geocoded into ESRI's Field Map or a similar mobile application. This allows translating the data into maps that will serve as a basis for project identification and prioritization. The second option involves LiDAR data collection that would be merged with publicly available information (e.g., aerial imagery, utility and drainage atlas, GIS maps). This type of data collection is more suitable for conceptual and preliminary design rather than full design. The third option is to conduct a full design survey with both above- and below-ground topographical, design-level survey, SUE, aerial imagery, and pavement analysis. This type of in-depth data collection is done using vehicle-mounted LiDAR, where the resolution can be less than 2 centimeters. The resulting mapping can produce a digital replica that can be used for multiple applications (visualization, 3-D modeling, scenario planning, digital twin).

TASK 2.3 ASSEMBLE BASE MAPS

At the beginning of the project, Alta will meet with the City to discuss the existing GIS schema and develop an agreed upon GIS data structure and software platform (e.g., ArcMap or ArcGIS Pro) for the duration of the project. This meeting will also include a review of data requested by the project team to be used during plan development. If a specific data set is not available or is determined to be inadequate to support the project scope (e.g., sidewalk data is incomplete or out of date) an alternative will be identified, or the project scope may be adjusted. At the completion of the project,

Alta will provide the project's GIS data in an ESRI file geodatabase. All data will be delivered in the City's standard projection. Mapping efforts include:

- Mapping exhibits throughout the Plan (included as part of Task 3 and Task 4 deliverables)
- An editable, aesthetically pleasing, easy-to-use printed map for public distribution

TASK 2.4 TECHNICAL WORKING GROUP

Alta will host monthly project team meetings with the City Project Manager, and staff, and when appropriate, other City city departments such as Public Works, Transportation and Mobility (TAM), Department of Sustainable Development (DSD), Economic Development, Parks & Recreation, and stakeholders. Alta will prepare agendas and meeting notes for status meetings. Alta's Project Manager will also provide regular contact with the City's Project Manager and other staff through the facilitation of monthly virtual meetings to maintain open lines of communication, and to make sure the project remains on time and within budget. These meetings will allow the team to identify key issues and concerns about the project throughout the process. Agendas for each meeting will be sent to the meeting attendees at least one day prior.

Task 2 Deliverables

- Comprehensive Report - provide documentation support of the data, inventory and analysis, including but not limited to map, aerial photographs
- Presentation materials
- Meeting minutes with action items and key decisions, as appropriate for monthly coordination meetings

TASK 3: COMMUNITY OUTREACH & ENGAGEMENT

The goal of the community engagement process is to offer productive outreach methods that promote two-way communication so the project team can fully understand the community's daily transportation needs and respond with feasible solutions. Through accessible language, customized messaging, and data driven engagement methods, the Alta team's outreach strategies establish a sound platform to move a project forward with optimum community buy-in.

In addition to Alta's award-winning engagement efforts, we are partnering with Infinite Source Communications (ISC) to provide the CRA with full-service engagement capabilities. ISC offers community engagement, public relations, marketing, public information, and on the ground, door-to-door canvassing. Alta and ISC are currently collaborating with the City of Boca Raton to reenvision East Palmetto Park Road, one of the City's most complex roadways. Additionally, ISC provides services to agencies including the Florida Department of Transportation (FDOT), Miami-Dade County (MDC), MDC Transportation Planning Organization (TPO), Broward Metropolitan Planning Organization (MPO), MDC Water and Sewer Department (WASD), and municipalities including Ft. Lauderdale, Oakland Park, Miami Beach, Town of Surfside, Bal Harbor Village, as well as other clients in both the public and private sectors.

Engagement Toolkit

Our engagement toolkit includes a variety of techniques:

- Customized interactive surveys
- Open house
- Interactive map comment tool
- Interactive web-based platforms
- Public meetings
- Workshops
- Visual renderings to communicate design options
- Booths or tables at community events to share information and collect feedback

Public Participation Plan

At the beginning of the project, the Alta team will assemble a public involvement plan to ensure that residents, local businesses, and stakeholders are engaged in meaningful ways throughout the project lifecycle. The plan will identify stakeholders, potential partners and community leaders. These strategies will build from the City's previous public engagement work and strategies. This may include strategies such as bilingual public engagement material, door-to-door outreach, social media and pop-up events and partnering with local organizations, property owners, residents, business owners, developers, and community groups. Alta's graphic design team will develop project branding and assist in the development of public engagement collaterals such as flyers, signage, posters, door hangers, FAQ sheets, or infographics to promote, inform the public and collect feedback.

Alta worked with the City of Boca Raton to develop a multi-faceted Downtown Mobility Public Engagement Plan. The final engagement campaign was distributed via newsletter, social media, Door to door, Signage at 10 locations, and a new web page.

TASK 3.1 PUBLIC INVOLVEMENT WEBSITE AND SURVEY

Project Website, Interactive Map and Community Survey

To further promote online engagement, Alta will build and deploy an online survey for residents to share their issues, concerns and ideas. We will create an online and print version of a survey in English and up to two (2) additional languages. We will then compile and analyze the survey results to inform the needs analysis, development of recommendations, and prioritization process.

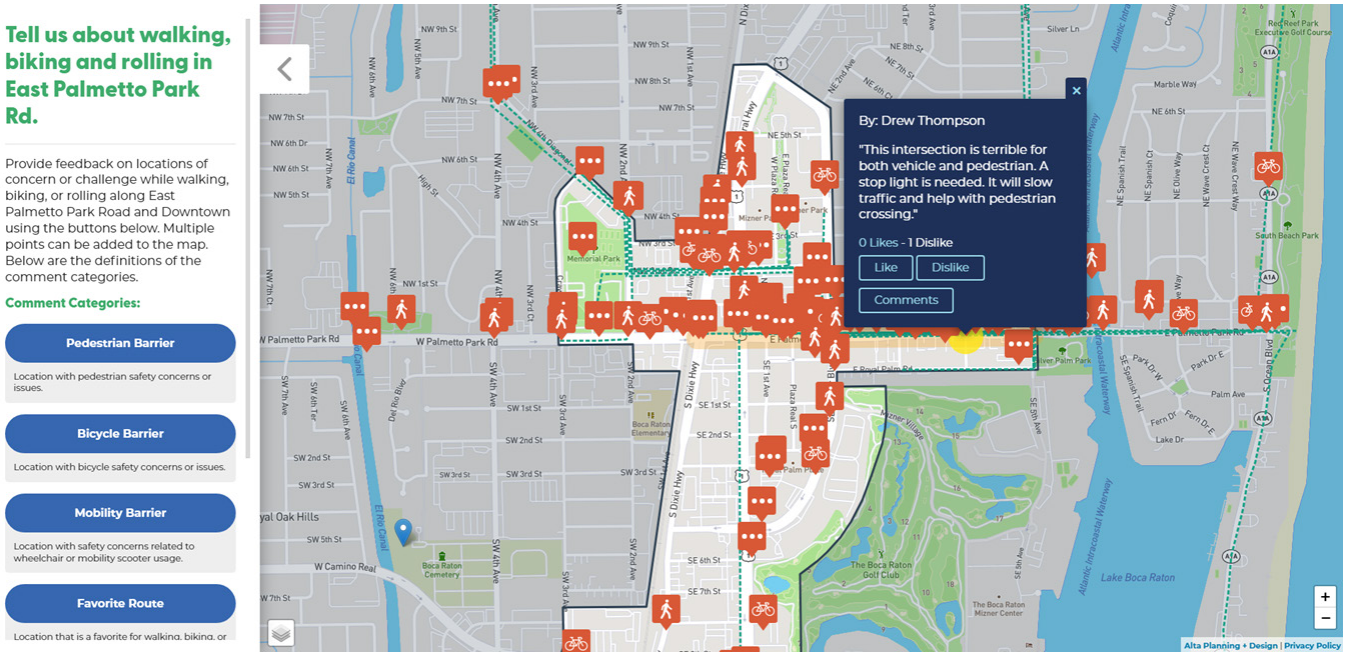
Alta has an on-staff web developer and will provide the City with a mobile-friendly project webpage including an online interactive community input map that allows the public to identify priority destinations for walking, transit and biking, routes they would like to see improved, and similar information. The map allows users to comment on input from other users, allowing for a dialogue among residents. Alta has the technology to support online map input that works well on computers, tablets, and phones. Our current work on the Boca Raton Downtown Multimodal Mobility Study includes an interactive web- and mobile-based map for feedback on routes and issues. We assume the City will lead social media postings through the existing communications office, however Alta will provide support and content.

Alta will work as an integrated multi-disciplined team, in partnership with the City and the CRA representatives, to anticipate issues, achieve effective decision-making, and build stakeholder support. Our outreach process is bilingual, multicultural, inclusive, interactive, and productive.

TASK 3.2 PRESENTATION TO NEIGHBORHOOD ASSOCIATIONS

Alta offers a wide range of engagement techniques that respond to the specific needs of the community. We will work with the City to define the appropriate mix of engagement tools that speak to the diverse set of stakeholders. Messaging is a key element of successful engagement, and our team is equipped with experts who have successfully crafted messages and community outreach materials discussing Complete Streets, mode shift, and navigating trade-offs in a constrained urban environment. Our team offers the following engagement tools:

- **Workshops and Walking Tour**: Alta will work with the City Project Manager to identify and convene focus groups to understand local needs and desires for the project during the existing conditions phase, and to vet recommendations at the initial design phase. Focus groups may be organized by stakeholder type and/or geographic region. Stakeholders such as City and CRA staff, local businesses, nearby residents, Mayor's office, elected officials, and others may be engaged through this process.
- **Door-to-Door Stakeholder Outreach**: The team will conduct one-on-one business outreach. We will coordinate up to three site visits with property owners and local businesses along the corridor. Project information will be provided during the visits, and Alta will keep a record of the visits for integration into the recommendation's development process.



Alta develops mobile-friendly project webpage, like the one above for **Boca Raton Downtown Multimodal Mobility Study**, *which includes an online interactive community input map that allows the public to identify priority destinations for walking, taking transit and biking.*

3.3 PRESENTATION TO CENTRAL CITY REDEVELOPMENT ADVISORY BOARD (CCRAB)

Alta will prepare and develop different presentations geared towards community commission audiences: at least one presentation to be conducted during the existing conditions phase of the study, one presentation to get community feedback on infrastructure needs, and a meeting during the recommendations phase.

3.4 PRESENTATION TO THE CITY COMMISSION

Presentations to the City Commission will include progress outline, updates key findings, and proposed projects. Alta will assist City staff in presenting the Final Plan to the City commission meeting to achieve adoption of the plan.

Task 3 Deliverables

- Prepare presentations for all public meetings. Include maps for engagement purposes
- Attend public meetings and answer questions
- Provide documentation and summary of public meetings, including action items
- Community Survey (online and print versions, in English and up to two additional languages)
- Project web page, online input tool, compilation of input from web tool

TASK 4: EDITS, RENDERINGS & FINALIZATION OF DESIGN GUIDELINES AND STANDARD CONCEPTS

TASK 4.1 DEVELOP STREETSCAPE STANDARDS AND GUIDELINES

Our landscape architects, engineers, planners, and graphic designers work collaboratively to create places that communities love and embrace. Our blended design studio offers an intentional mix of these disciplines to allow for creating designs that are on the cutting edge of innovation and aesthetics, while also meeting technical specifications. By working across disciplines, we build cherished places that attract people, regardless of how they move. Our approach to developing sound and context-based streetscape guidelines and projects comprises the following elements:

- **Macro-Scale Character Analysis**: It will be critical to understand, catalogue, and relate current and upcoming land development regulations that impact the CRA, such as zoning restrictions, land use designations, and programmed and committed development projects. The Alta team will conduct a macro-scale character analysis that includes an integrated review of land use and street typologies

seen within the CRA. The analysis will include documenting the quality and transparency of land use patterns, street activations, walkways, connectivity, parking layouts, and major routes.

- **Demographic And Socioeconomic Influences**: The Alta team will assess current demographic and socioeconomic factors in the Central City CRA to develop a portfolio for appropriate streetscape designs. The assessment will be conducted through stakeholder and community engagement, existing conditions review and applying best practices that result in a sustainable built environment.
- **Design- Specific Assessment**: In collaboration with CRA staff and stakeholders, the Alta team will identify key design elements that will require a more in-depth assessment. Examples include conducting a tree canopy assessment, green infrastructure suitability evaluation, and urban heat island vulnerability analysis, connectivity "island" identification, lighting analysis, level of comfort assessment, and climate positive design analysis. Each of these evaluations offers insight into critical infrastructure elements that when applied, would help concentrate and prioritize capital investments.
- **Life Cycle Costing**: Our team are experts at not only providing cost estimates for traditional design phases and line items, but also at benefit-cost evaluations and appropriate incorporation of maintenance considerations. As part of identifying the design guidelines and street typologies, the Alta team will prepare a funding and implementation plan that ties the design recommendations to short-, mid-, and long-term programming mechanisms that collectively will help shape the CIMP.

The Streetscape Design Standards and guidelines for the Central City CRA must be cohesive in concept, with room to celebrate distinct districts and branding. Building off of preliminary streetscape concepts developed by the City of Fort Lauderdale, such as the Fort Lauderdale Complete Streets Manual; regional efforts such as the Broward Complete Streets Design Guidelines; and national best practices such as the National Association of City Transportation Officials (NACTO) design guidelines.

In 2023, Alta prepared a **Neighborhood Greenway Design Toolbox** *for the City of St. Petersburg, FL. The design guidelines are geared towards establishing a prioritization process towards selecting the appropriate routes as neighborhood greenways, followed by best practice recommendations for design and operational elements. Alta is currently conducting the conceptual and full design of one of the City's greenways based on this approach.*

CURB EXTENSIONS

CURB EXTENSIONS, or bulbouts, minimize pedestrian exposure during crossing by shortening the crossing distance and giving pedestrians a better chance to see and be seen before committing to crossing. They are appropriate for a crosswalk where it is desirable to shorten crossing distance and there is a parking lane/shoulder adjacent to the curb.

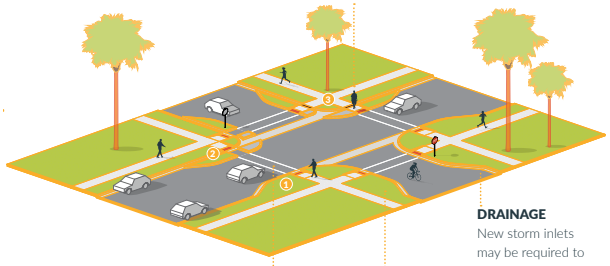
THREE STYLES OF CURB EXTENSIONS

Three styles of curb extensions typically used include:

1. **standard** that extend the existing curb
2. **floating** that leave the existing gutter open
3. **floating with chase covers** over the gutter

PEDESTRIAN VISIBILITY

Pedestrians waiting to cross the street are more visible to drivers, clarifying their intent to cross. This results in higher rates of drivers yielding to pedestrians



DRAINAGE

New storm inlets may be required to accommodate drainage

NARROWED INTERSECTION

A narrowed intersection creates a shorter crossing distance for pedestrians and causes drivers to slow down through the intersection

MORE USABLE SPACE

Curb extensions create more space for landscaping and streetscape amenities

Landscaped curb extension. Source: Alta Planning + Design

Floating Curb Extension in St. Petersburg, FL. Source: Alta Planning + Design

Curb Extension with Chase Cover. Source: NACTO

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Curb Extensions in St. Petersburg, FL. Source: Alta Planning + Design

DESIGN GUIDELINES

TYPICAL USES

- At signalized intersections with marked crosswalks.
- At unsignalized intersections with marked crosswalks.
- At an intersection with visibility constraints, to position pedestrians where they can best be seen by oncoming traffic.
- At an intersection within a school zone on a walking route.
- To establish a consistent travel lane width where the street and/or parking lane width varies.
- Do not block bicycle lanes or shoulders being used by bicyclists with a curb extension. Turning performance by larger vehicles including buses may be impacted by curb extensions.

DESIGN FEATURES

- In most cases, the curb extensions should be designed to transition between the extended curb and the running curb in the shortest practicable distance.
- For purposes of efficient street sweeping, the minimum radius for the reverse curves of the transition is 10 ft and the two radii should be balanced to be nearly equal.
- Curb extensions should terminate 1 ft short of the parking lane to maximize bicyclist safety.
- Planted curb extensions may be designed as a bioswale, a vegetated system for stormwater management.

FURTHER CONSIDERATIONS

- Curb extensions are only appropriate where there is an on-street parking lane and where transit and bicyclists would be traveling outside the curb edge for the length of the street. They should not extend more than 6 ft from the curb.
- They may facilitate in-lane bus stops and should be designed to be long enough to be used by all boarding doors. The stop needs to accommodate an 8 ft deep wheelchair lift.
- The turning needs of larger vehicles, such as school buses or emergency vehicles, need to be considered in curb extension design, especially at intersections with significant truck/bus traffic.
- Curb extension design should facilitate drainage.
- Curb extensions which are delineated using striping or colored thermoplastic (typically for quick-build or temporary installation) should be delineated with a double solid line.

REFERENCES

- **NACTO Urban Street Design Guide:** https://nacto.org/publication/urban-street-design-guide/street-design-elements/curb-extensions/
- **FHWA Pedestrian Safety Guide and Countermeasure Selection System:** http://pedbikesafe.org/PEDSAFE/countermeasures_detail.cfm?CM_NUM=5
- **MUTCD for Streets and Highways:** https://mutcd.fhwa.dot.gov/pdfs/11th_Edition/mutcd11thedition.pdf

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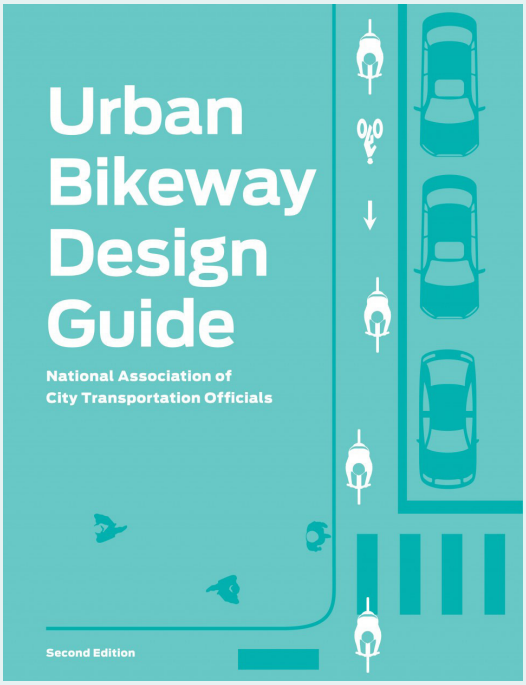
Experience Highlight

NACTO *URBAN BIKEWAY DESIGN GUIDE*

Alta worked with a team of officials from National Association of City Transportation Officials (NACTO) member cities and a team of national and international bikeway design experts to develop the country's first ***Urban Bikeway Design Guide***, a ground-breaking document that is transforming how our cities design bikeway treatments. Alta has helped lead workshops for NACTO, APBP and ITE, and is involved in training professionals throughout the country. Alta regularly hosts bikeway design trainings based on the NACTO *Urban Bikeway Design Guide* that includes information from AASHTO, MUTCD, and NACTO.

Alta also led content creation for subsequent editions, including the most recent third edition, released in January 2025. The third edition contains new sections on bicycle boulevard design, colored pavement material guidance, updates and revisions to the existing content, and contextual guidance. Alta has contributed further guidance to NACTO with peer review of *Don't Give Up at the Intersection* and the *Designing for Small Things With Wheels* white paper.



LOCAL DESIGN TOOLKITS

In 2021, Alta prepared design toolkits for the Cities of Pasadena and Long Beach, CA, that focused on cooling and urban heat island reduction strategies. The toolkits presented multiple street typologies that described cooling design elements for all road users.

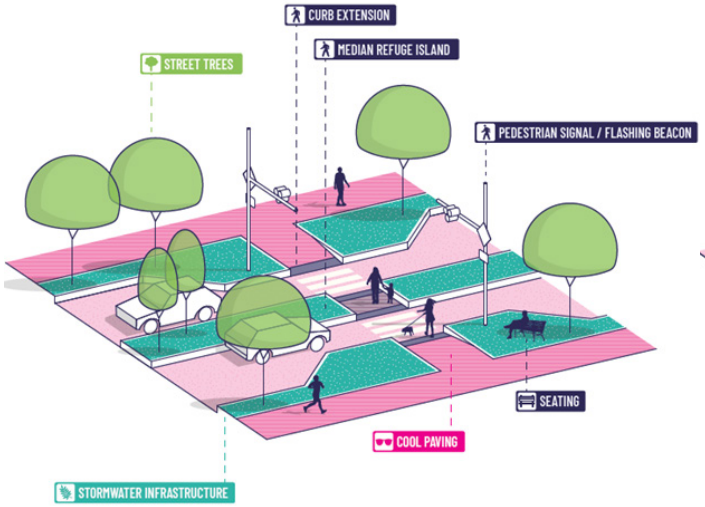


Figure 17. Pedestrian-focused cooling strategies behind the curb

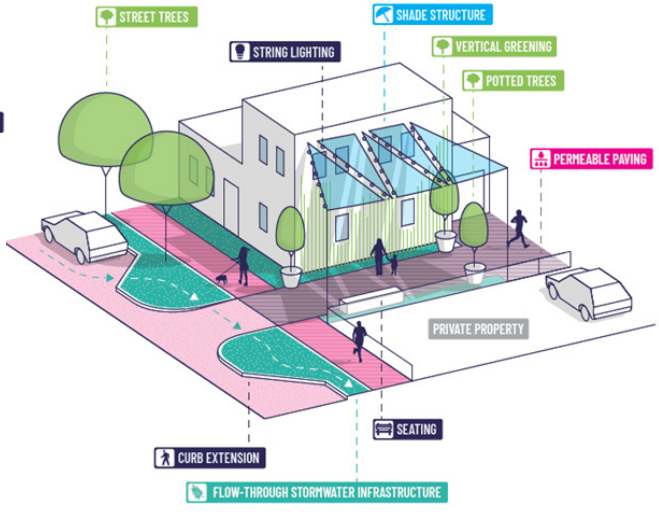


Figure 21. Pedestrian-focused cooling strategies along alleyways/paseos

Alta will lead the preparation of the guidelines that include conceptual placement of amenities, placemaking, and transportation elements identified in the streetscape design standards and incorporates recommendations of the Capital Improvement Master Plan.

This includes but is not limited to:

- ADA access improvements
- Intersection treatments, particularly with respect to pedestrian and bicycle crossings
- Bikeway connections and locations of bike share stations
- Candidate locations for art elements and decorative crosswalks
- Shared-use-mobility or flex-zones
- Types and locations for green infrastructure enhancements to better manage stormwater and expand the urban forest
- Traffic calming and safety improvements, such as curb extensions or radii reduction

TASK 4.2 COMPILE LIST OF PROJECTS

Building off the existing conditions data collection and analysis, stakeholder and community input, adopted plans, and future development, the Alta team will compile an initial list of infrastructure projects. These projects will draw from the design guideline recommendations in terms of design elements and will be applied to the different street types within the CRA boundary based on the design guideline typologies.

TASK 4.3 CONCEPTS AND RENDERINGS

Design concepts and visual renderings will be developed for a representative set of projects for review by City and CRA staff. The feedback received from stakeholders during this phase of the project will be used to inform the project types and design elements of the prioritized list of projects in the next Task. Results of the preliminary list of projects will be presented to neighborhood associations through a design charrette and will also be presented to the CCRAB City Commission for feedback.

Task 4 Deliverables

- Comprehensive Report
- Presentation Materials
- Digital copies and hard copies

TASK 5: IDENTIFICATION OF POTENTIAL STREETSCAPES & INFRASTRUCTURE PROJECTS

Alta specializes in finding the best design solutions to balance budget and function, and can seamlessly marry streetscapes and green street treatments with traffic analysis, signal design, and roadway geometrics.

TASK 5.1 IDENTIFICATION OF POTENTIAL STREETSCAPES AND INFRASTRUCTURE PROJECTS

The Alta team will present the list of streetscape and infrastructure projects through a multimodal and need-based framework that will form the foundation for the development of the CIMP. The framework will hinge on multiple categories of data to inform recommendations and their benefits. The data categories include:

- Multimodal Infrastructure, such as current vehicular lanes and access points, bicycle and pedestrian facilities, and the current and planned transit routes and amenities. The Alta team will leverage current City plans for this information to the extent possible, such as the Citywide Sidewalk Master Plan, as well as surveys that will be conducted as part of this CIMP.
- Contextual information, such as crash data and vehicular traffic volumes and speeds.
- Demographic data, such as car ownership rates and the proportions of young and elderly populations.
- Land use and zoning regulations.
- Subsurface infrastructure data, such as stormwater and sewer infrastructure and surface flooding and drainage conditions.

The Alta team will use this information and framework to overlay cumulative benefits of different infrastructure improvement scenarios that will collectively enhance the quality of life for the residents and visitors of the Central City CRA.

Experience Highlight

BROWARD COMPLETE STREETS MASTER PLAN

The Broward MPO has been a leader in prioritizing and investing in Complete Streets. Alta was part of a team that developed the Broward Complete Streets Master Plan, providing national expertise and best practices support. Alta also led the GIS analysis to identify areas with the highest demand for walking and biking and where infrastructure would make the greatest impact. Alta then used that information for the prioritization of Complete Streets projects and concept development for high-priority projects.

The outcome of the effort is a comprehensive Master Plan that puts people first, improves the safety of streets for all users, and expands mobility options in a rapidly growing county. Following implementation of the Master Plan, Alta developed renderings and visualizations of two projects, Pembroke Road, from SW 145th Ave to Flamingo Road, protected bicycle lane and wider sidewalks; and Miramar Parkway, from SW 172nd Ave to Dykes Road, separated bicycle lanes, furnishing zone, and midblock crosswalks at bus stops.

Intersection at Pembroke Rd, Pembroke Pines, Broward County, FL

Midblock crossing on Miramar Parkway, Miramar, Broward County, FL

Task 5 Deliverables

- Provide a workplan that prioritizes the project, including detailed timeline, scope of services, and cost estimates
- Presentation: Present the design concepts to stakeholders and the public for review and feedback

TASK 6: PLAN PRIORITIZATION ASSISTANCE & IMPLEMENTATION

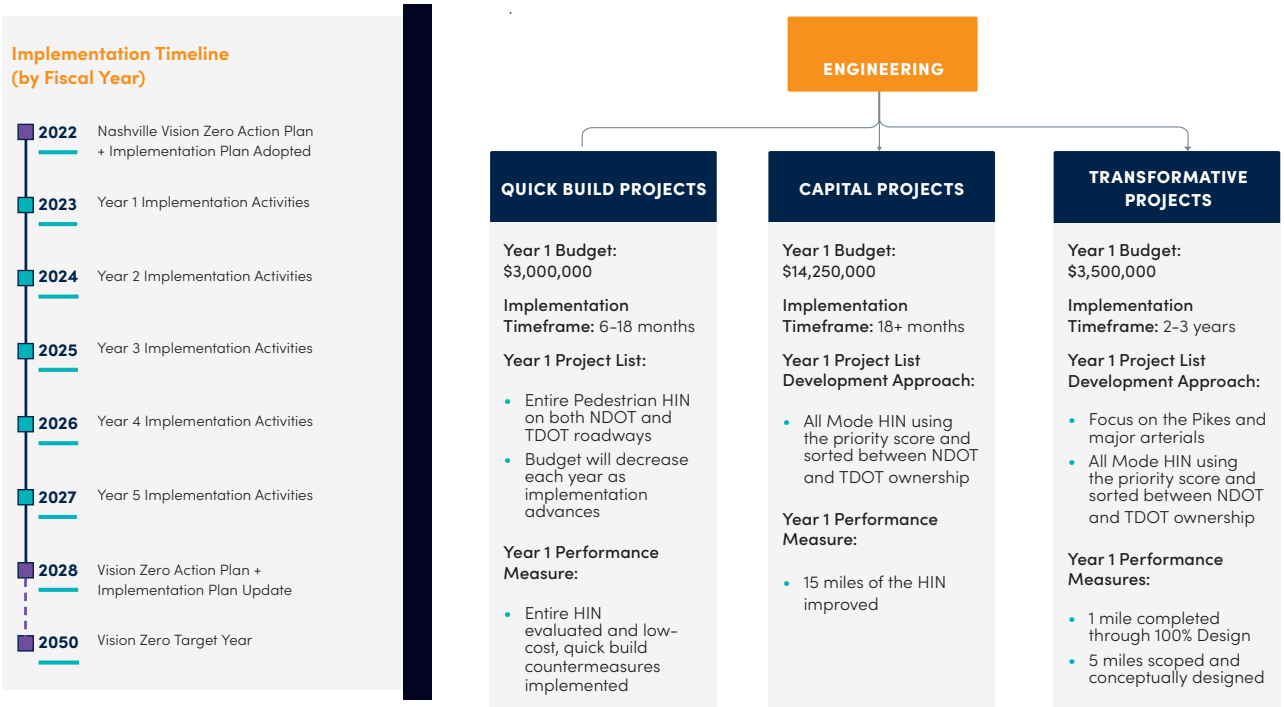
TASK 6.1 COST ESTIMATES

We understand the current nuances and fluctuations of materials in the construction market and have worked with our clients to develop planning-level cost estimates that are tangible while factoring in contingencies that reflect the current realities of the market. Our team has worked extensively in developing both planning-level and full design cost estimate details for multi-modal improvements. We will use the latest unit costs, soft costs and planning-level percentages for design, engineering, and contingency percentages from recent city and other local projects. We will also look for cost efficiencies in terms of both project design and delivery methods. This could include bundling projects for qualification for specific funding streams, itemizing critical cost items to avoid overruns, and identifying each project's key "themes" for multiple relevant funding opportunities. Life-cycle costs including maintenance and operations, will also be factored in. The resulting cost estimate will be concept-level costs that clearly lay out the project type, phase, cost, and contingency.

TASK 6.2 PROJECT IMPLEMENTATION STRATEGY

The core portion of the CIMP will identify infrastructure projects for implementation. Under this task, the Alta team will provide a prioritized list of projects that is tied to specific timelines and funding sources. In coordination with staff, the Alta team will identify and apply evaluation criteria that will help identify and rank project priorities. The evaluation criteria will reflect the Central City CRA's pressing needs, such as flooding "proofing" and upgrading multimodal infrastructure.

The Alta team will develop a realistic Implementation Strategy with priority project and program recommendations that are aligned with City budgeting timeframes: the City Budget and the proposed Capital Plan. One focus for implementation of infrastructure



As a follow up to leading their Vision Zero Action Plan, Alta led the development of the Nashville, TN Metro Area 5-year Implementation Plan. The Plan identified a prioritized, fiscally-constrained list of projects over a 5-year period to achieve the Metro Area's goals, including capital projects. Specific funding streams were identified for each recommended project, with funding sources including existing local programs such as resurfacing and traffic calming funds, State funding programs with the DOT, as well as potential grant funding opportunities. The Plan led to the successful implementation of multiple projects, in addition to the successful award of several federal grant funding applications.

projects will be the City's annual roadway resurfacing program. The Strategy will include timeframes and parties responsible for implementation. Alta will also develop an implementation strategy that identifies potential funding opportunities—including local, regional, and statewide funding. This will help the City identify priorities and appropriate methods for implementation, including relevant funding sources (USDOT, and other discretionary grant programs, Broward MPO programs, Broward County, AARP Community Challenge Grant, and others) and a list of potential public or private partnerships for funding.

For more complex high priority projects we will recommend phased implementation using lower cost materials as a first phase "paint and post". For more complex designs this phased approach also allows for fine-tuning/study of designs in a pilot phase while the longer-term funding for the final permanent installation is secured. As an appendix we will include a funding strategy which lays out the existing and anticipated sources of city and grant revenue, identifying the types of projects and programs that could be funded by each source. Recommended projects will include information such as availability of right-of-way and jurisdiction of the road.

TASK 6.3 DRAFT PLAN

Alta will develop an attractive, reader-friendly, graphically rich Plan document for the City of Fort Lauderdale. We take great pride in the look of our Master Plans and how accessible they are to a non-technical audience. Alta has an in-house graphic design team that will lead the layout and formatting of the Plan document. Based on a color and style palette selected by the City early in the process, we will provide sample Active Transportation Plan document layout templates for review and approval prior to final formatting.

TASK 6.4 FINAL PLAN

After completing the review of the draft plan comments, Alta will develop a Final Draft Plan for the City to review and will make necessary updates to the Final Plan after review by the City. Once the Final Plan is approved and all documents are finalized, Alta will provide:

- A hard copy of the Final Plan
- Electronic files of the documents in PDF format and suitable for posting on the City's website
- Graphics and photographs provided in an electronic format that can be utilized by the City and clearly reproduced by the City

Task 6 Deliverables

- Comprehensive report
- Planning level cost estimates for projects
- Presentation Materials

Experience Highlight

Alta developed "MOVE TAMARAC" the **Multimodal Transportation Connectivity Master Plan** for the City of Tamarac, funded through the Broward County Mobility Advancement Program. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, and provides a roadmap of infrastructure, policy, and program recommendations to improve transportation for all modes.

The plan encompasses data collection, data analysis, stakeholder interviews, public engagement, funding opportunities, and implementation framework through policy, program and short, medium, and long-term recommendations; A prioritized list of projects with high level planning cost estimates and detailed scope recommendations was created. This list guides the city's future infrastructure investments. MOVE TAMARAC reflects the voices of the community, business owners, elected officials, City staff, and agency partners engaged throughout the planning process.

Schedule

This proposed schedule reflects the scope outlined in this proposal. The Alta team is flexible in our approach and looks forward to working with the City to finalize the scope and schedule to meet the needs of the City and project.

	2025										2026				
	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May
TASK 1. PROJECT MANAGEMENT															
1.1 Kickoff Meeting		X													
1.2 Project Coordination and Administration (12 meetings- 1 monthly)			X	X	X	X	X	X	X	X	X	X	X	X	
1.3 Quality Assurance/Quality Control															
TASK 2. INITIAL RESEARCH & ANALYSIS															
2.1 Understand Existing Plans, Relevant Site Studies, and Documents				■											
2.2 Data Collection, Inventory, and Analysis					■										
2.3 Assemble Base Maps					■										
2.4 Technical Working Group (4X1 hour)					X			X			X			X	
TASK 3: COMMUNITY OUTREACH AND ENGAGEMENT															
3.1 Public Involvement Website and Survey					■										
3.2 Presentation to Neighborhood Associations											X	X			
3.3 Presentation to Central City Redevelopment Advisory Board (CCRAB)											X		X		
3.4 Presentation to the City Commission														**X**	
TASK 4: EDITS, RENDERINGS AND FINALIZATION OF DESIGN GUIDELINES AND STANDARD CONCEPTS															
4.1 Develop Streetscape Standards And Guidelines								■							
4.2 List of Projects									■						
4.3 Concepts and Renderings										■					
TASK 5: IDENTIFICATION OF POTENTIAL STREETSCAPES AND INFRASTRUCTURE PROJECTS															
5.1 Identification of Potential Streetscapes and Infrastructure Projects											■				
TASK 6: PLAN PRIORITIZATION ASSISTANCE & IMPLEMENTATION															
6.1 Cost Estimates												■			
6.2 Project Implementation Strategy												■			
6.3 Draft Plan													■		
6.4 Final Plan														■	

Legend

Meeting Occurrence	X
In Progress	
Deliverable	■

Current Workload

With respect to current workload indicators, the staff members assigned to this project are well positioned to be fully involved in this plan, as many of our current projects are ending. A sample of our local current and upcoming projects includes:

- Broward County MPO Planning & Engineering Assistance - anticipated completion March 2025
- West Palm Beach Downtown Mobility Plan - anticipated completion March 2025
- Miami Beach Adding Left Turn Lanes, FL - anticipated completion June 2025
- Boca Raton Downtown Mobility, FL - anticipated completion July 2025
- Lake County SS4A, FL - anticipated completion December 2025

The Alta team we have assembled—including subconsultants DMRP, ISC, and WGI —was selected based on the needs of the project and the expertise of the staff. Alta has both the local presence and national reach to match the needs of this project, as well as adequate availability for all key personnel involved. This assures that the City will have the most experienced and available staff and allows the Alta team to be efficient in completing quality work on schedule and within budget.

Alta's staff have the time and capacity to complete this project in accordance with our proposed schedule of work. **This project is a priority for our team and all staff members will be available throughout the life of the project.**

Available Resources

Alta project managers use Deltek Vision software to balance resources and manage the complete lifecycle of a project. Our real-time project planning module provides a clear snapshot of utilization to enable the selection of available and qualified staff for each task. Our 20 offices —including two in Florida— can track and manage project progress with streamlined collaboration and information sharing across the project team.

Alta has technical capabilities that aid our design team during all phases of design. Alta staff utilizes technical skill and fluency with software to clearly convey design intent through graphics suited for a variety of audiences. We utilize the Adobe Creative Suite for developing conceptual graphics, Sketchup and Google Earth Pro to convey design ideas in 3D views suitable for public meetings, and AutoCAD, Civil 3D, and Microstation to generate technical drawings.

In addition to having the appropriate offices and staff to manage this project, Alta's team has ample technical skills and resources to use on this project:

Software

- ArcGIS
- ASAD
- AutoCAD
- AutoTURN
- Bentley's iTwin Orbit software
- Bluebeam Revu
- Civil 3D
- ESRI (ArcGIS, Field Maps)
- FHWA Hydraulic Toolbox
- HEC-RAS
- HY-8
- Hydraflow
- ICPR4
- Microstation
- Open Roads Design
- Pavemetrics' Road Inspection
- PONDS
- Revit
- Riegl RiProcess (LiDAR and imagery processing)
- SIDRA Intersections (roundabout analysis tool)
- Sketchup Pro
- Streamline Technologies FloodwiseTM and StormwiseTM
- SWMM
- Synchro
- VISSIM
- VoxelMaps Insight Platform (automated processing of multi-sensor data using AI)
- XP-SWMM

Hardware

- Mobile mapping Mosaic X camera
- Riegl VMX-2HA Lidar System
- Riegl VMY-2 Lidar System (supported for vehicle, drone, and backpack applications)
- Pavemetrics' LCMS-4M System Pavement Scanner
- Raptor 3-D Ground Penetrating Radar

4.2.6

References

Tamarac Multimodal Transportation Connectivity Master Plan

TAMARAC, FL | 2023-2024

Alta developed the Multimodal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, and identifies effective strategies, network enhancements, and safety improvements. The plan encompasses policy and program short, medium, and long-term recommendations. This prioritized list of projects will guide the city's future infrastructure investments.

CLIENT

City of Tamarac
7525 NW 88th Avenue
Tamarac, FL 33321

CONTACT

Maher Mansour, AICP, LEED AP
Assistant Director of Community Development
(954) 597-3530
maher.mansour@tamarac.org

TOTAL COST OF CONSTRUCTION

Not a requirement of project

West Palm Beach Mobility Plan

WEST PALM BEACH, FL | 2017-2020

The City of West Palm Beach made a commitment to create a community that is economically vibrant and competitive, environmentally sustainable, and socially just and accessible. This has led to expanded transportation options such as local circulators and SkyBike (bikeshare) services. Alta worked with the City of West Palm Beach to develop a collaborative and innovative approach to transportation planning, design, and implementation, leveraging current and new mobility technology and strategies.

Alta focused on how to align competing demands for space in the public right-of-way to plan, prioritize, and implement a high-quality transportation network of on-street bikeways, walkways, trails, transit service, and vehicular routes. Included in this effort are mobility hubs that integrate options for future mobility technology such as electric vehicles and autonomous shuttles, public transit, bikeshare, car share, and placemaking strategies. The Alta team also made recommendations and policy guidance for autonomous shuttles and bus services.

Alta conducted four studies as part of this plan: a Citywide transit study, a Downtown Parking and Transportation Demand Management Study, the Okeechobee Corridor Study, and the Tamarind Avenue Vision Study.

CLIENT

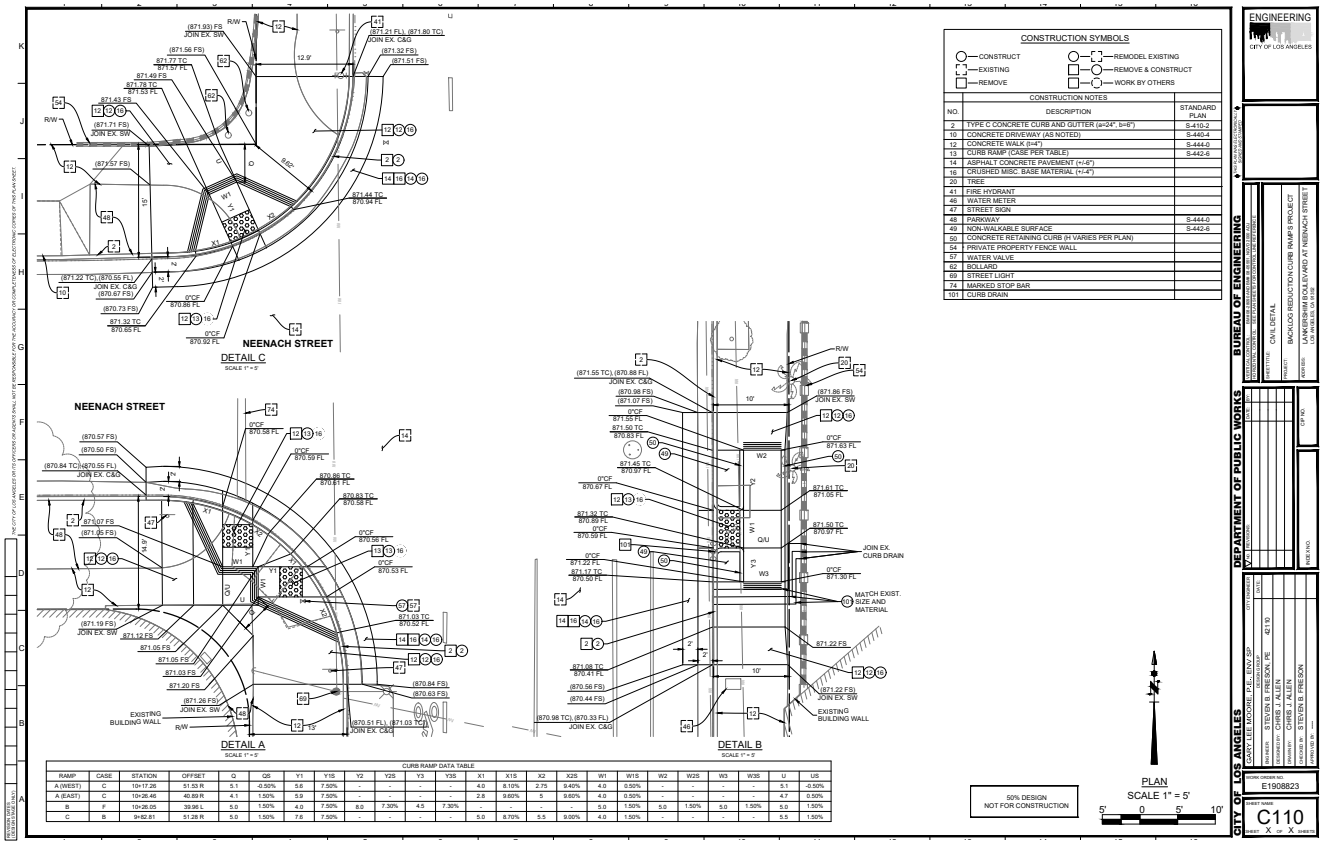
City of West Palm Beach
401 Clematis Street
West Palm Beach, FL 33402

CONTACT

Kevin Volbrecht, P.E.
Director of Engineering Services
City of West Palm Beach
(561) 494-1091
kcvolbrecht@wpb.org

TOTAL COST OF CONSTRUCTION

Not a requirement of project



Civil Engineering On-Call Services

LOS ANGELES, CA | 2019–ONGOING

Alta is working with LABOE on prioritized infrastructure improvements that promote efficient modes of travel that focus on safety, inclusion, and sustainability. This five-year on-call utilizes Measure M and local funds and has resulted in several design and design support services during construction, including:

- Phase 1 South Bay MSP Program
- Phase 2 Backlog Reduction Program
- Phase 3 Vision Zero Program

Alta is managing and designing 182 intersection quadrants to meet ADA compliance across the City of Los Angeles. We are conducting site visits, preparing PS&E, and providing utility and stakeholder coordination throughout the engagement.

CLIENT

City of Los Angeles Bureau of Engineering (LABOE)

1149 S. Broadway, 8th floor
Los Angeles, CA 90015

CONTACT

Kitty Siu, Senior Civil Engineer
Department of Public Works
(213) 485-4623
kitty.siu@lacity.org

TOTAL COST OF CONSTRUCTION

Not a requirement of project

4.2.7

M/WBE Participation

4.2.8

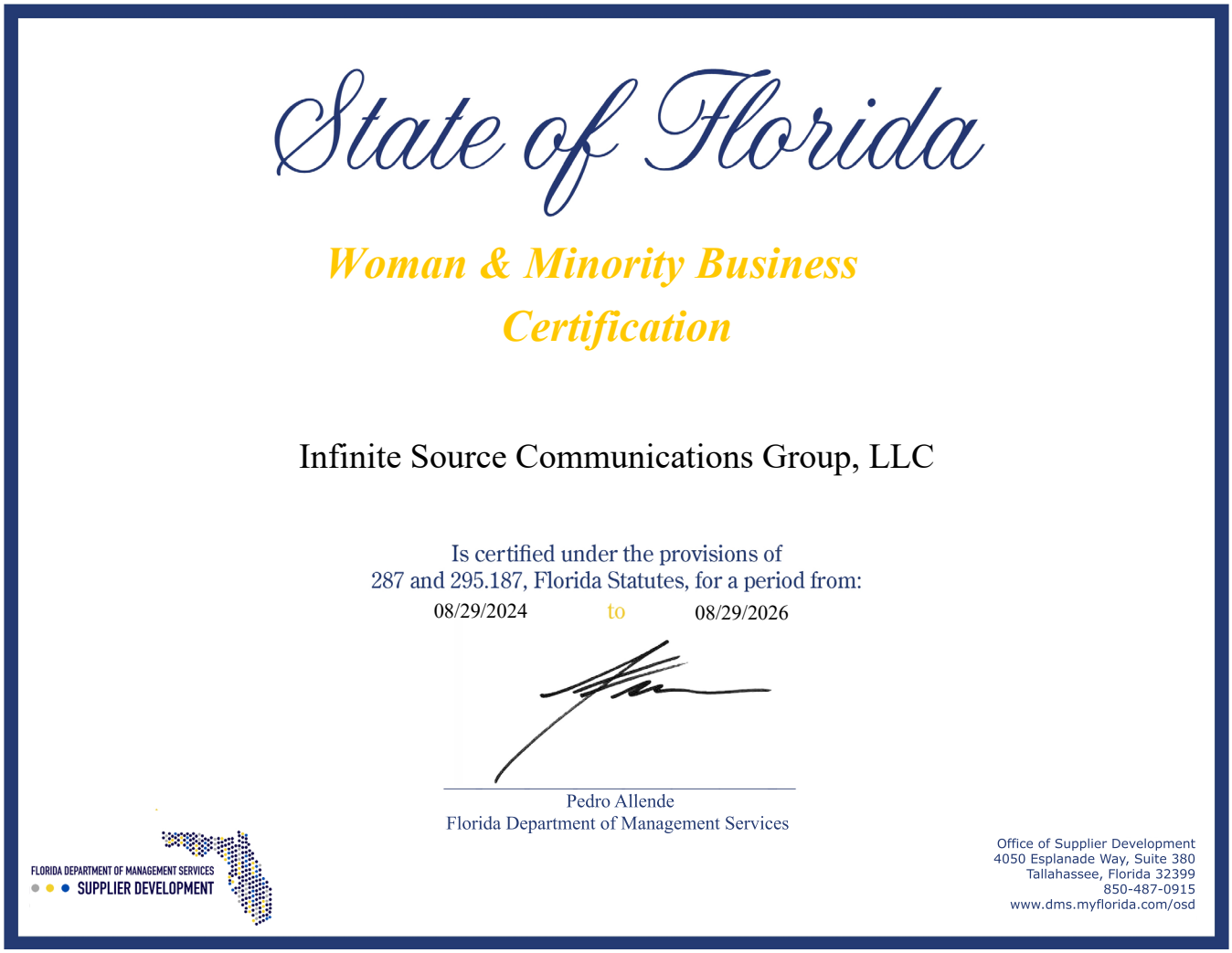
Subconsultants

4.2.7 Minority/Women Participation

The Alta team for this project includes ISC, a DBE- and WBE-certified firm who will lead engagement efforts; their certificate is shown below. We are committed to working with DBE firms whenever possible. Alta's Principals and Project Managers actively build relationships with emerging and disadvantaged business owners and cultivate relationships with many firms, so we are able to make a connection when an opportunity arises. Alta draws upon those relationships to enlist the expertise of other firms as needed to best meet the objectives of a project, incorporating DBE, ESB, SDV, and M/WBE partners whenever possible. Alta has a strong record of collaborating with such firms, meeting and exceeding agency targets, and building community capacity by partnering with non-profits.

4.2.8 Subconsultants

Alta will be working with subconsultants DRMP, ISC, and WGI. Please see **page 13 for information about subconsultants qualifications** and the **organizational chart on page 24** for how subconsultants will be utilized.



State of Florida

Woman & Minority Business Certification

Infinite Source Communications Group, LLC

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
08/29/2024 to 08/29/2026

Pedro Allende
Florida Department of Management Services

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES
SUPPLIER DEVELOPMENT

Office of Supplier Development
4050 Esplanade Way, Suite 380
Tallahassee, Florida 32399
850-487-0915
www.dms.myflorida.com/osd

4.2.9

Required Forms

a. Sample Insurance Certificate

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/30/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Insurance Services West, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	**CONTACT NAME:** WTW Certificate Center **PHONE (A/C, No, Ext):** 1-877-945-7378 **FAX (A/C, No):** 1-888-467-2378 **E-MAIL ADDRESS:** certificates@wtwco.com
INSURED Alta Planning + Design, Inc. 101 SW Main St., Ste 2000 Portland, OR 97204	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** INSURER A: Liberty Mutual Fire Insurance Company — 23035 INSURER B: Liberty Insurance Corporation — 42404 INSURER C: American Guarantee and Liability Insurance — 26247 INSURER D: Allied World Surplus Lines Insurance Compa — 24319 INSURER E: Indemnity National Insurance Company — 18468 INSURER F: RSUI Indemnity Company — 22314

COVERAGES **CERTIFICATE NUMBER:** W37154791 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:			TB2-641-446161-054	12/31/2024	12/31/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG [ ]	$ 2,000,000 $ 1,000,000 $ 25,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			AS7-641-446161-044	12/31/2024	12/31/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) [ ]	$ 2,000,000 $ $ $ $
C	[X] UMBRELLA LIAB [X] OCCUR EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			AUC 8344746-01	12/31/2024	12/31/2025	EACH OCCURRENCE AGGREGATE [ ]	$ 10,000,000 $ 10,000,000 $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N: No (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC7-641-446161-064	12/31/2024	12/31/2025	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
D	Professional Liab incl Pollution			0313-8987	12/31/2024	12/31/2025	Each Claim Limit Policy Aggregate	$5,000,000 $5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

SEE ATTACHED

CERTIFICATE HOLDER

Exhibit

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03) The ACORD name and logo are registered marks of ACORD

SR ID: 26998488 BATCH: 3756610

AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

AGENCY		NAMED INSURED
Willis Towers Watson Insurance Services West, Inc.		Alta Planning + Design, Inc. 101 SW Main St., Ste 2000 Portland, OR 97204
POLICY NUMBER See Page 1		
CARRIER See Page 1	NAIC CODE See Page 1	EFFECTIVE DATE: See Page 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

INSURER AFFORDING COVERAGE: Indemnity National Insurance Company NAIC#: 18468
POLICY NUMBER: XS001814 24 EFF DATE: 12/31/2024 EXP DATE: 12/31/2025

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Excess Automobile Liability	Each Occurrence	$1,500,000
	excess	$2,000,000

INSURER AFFORDING COVERAGE: RSUI Indemnity Company NAIC#: 22314
POLICY NUMBER: NHA604323 EFF DATE: 12/31/2024 EXP DATE: 12/31/2025

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Excess Automobile Liability	Each Occurrence	$1,500,000
	excess	$2,000,000

SR ID: 26998488 BATCH: 3756610 CERT: W37154791

b. Local Business Preference Certification

LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal.**

> Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**

B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:
https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.

2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.

3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.

4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name

(2) _____ is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name

(3) _____ is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
Business Name

(4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name

(5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name

(6) Alta Planning + Design, Inc. is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.
Business Name

BIDDER'S COMPANY: Alta Planning + Design, Inc.

AUTHORIZED COMPANY PERSON: Katie Mangle Katherine Mangle 2/25/25
PRINT NAME SIGNATURE DATE

c. Disadvantaged Business Enterprise Preference Certification

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**

B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883

Definitions

a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1) _____ is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(2) _____ is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(3) _____ is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(4) _____ is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Business Name

(5) Alta Planning + Design, Inc. is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

Business Name

BIDDER'S COMPANY: Alta Planning + Design, Inc.

AUTHORIZED COMPANY PERSON: Katie Mangle Katherine Mangle 2/25/25

PRINT NAME SIGNATURE DATE

d. Non-Collusion Statement

NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

> 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).
>
> 3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME	RELATIONSHIPS
_____	_____
_____	_____
	_____
	_____

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Katherine Mangle

Authorized Signature

Vice President, as duly authorized

Title

Katie Mangle

Name (Printed)

2/26/25

Date

e. Non-Discrimination Certification Form

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

   Contracts. Every Contract exceeding $100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

   The Contract shall include provisions for the following:

   (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.

   (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Katherine Mangle

Authorized Signature

Katie Mangle, Vice President, as duly authorized

Print Name and Title

2/26/25

Date

f. E-Verify Affirmation Statement

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: RFQ EVENT# 410

Project Description:

CAPITAL IMPROVEMENT MASTER PLAN FOR THE CENTRAL CITY CRA AREA

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Alta Planning + Design, Inc.

Authorized Company Person's Signature: Katherine Mangle

Authorized Company Person's Title: Vice President, as duly authorized

Date: 2/26/25

g. Contract Payment Method

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

____ MasterCard

____ Visa

Alta Planning + Design, Inc.
Company Name

Katie Mangle
Name (Printed)

Katherine Mangle
Signature

Vice President, as duly authorized
Title

2/26/25
Date

h. Bid/Proposal Certification

CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the City's on-line strategic sourcing platform prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) Alta Planning + Design, Inc. EIN (Optional): 680465555

Address: 101 SW Main Street, Suite 2000

City: Portland State: OR Zip: 97204

Telephone No.: (503) 230-9862 FAX No.: n/a Email: eastbids@altago.com

Delivery: Calendar days after receipt of Purchase Order **(section 1.02 of General Conditions)**: 365

Total Bid Discount **(section 1.05 of General Conditions)**: N/A

Check box if your firm qualifies for DBE **(section 1.09 of General Conditions)**: ❑

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	2/25/25						
2	3/3/25						

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

Please see attached "Proposed Amendments to Form of Agreement" for our proposed variances.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars ($500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Katie Mangle
Name (printed)

Katherine Mangle
Signature

2/26/25
Date

Vice President, as duly authorized
Title

PROPOSED AMENDMENTS TO FORM OF AGREEMENT

Legal Company Name: Alta Planning + Design, Inc. State of Incorporation: California | Tax ID: 68-0465555 For all legal-related correspondence and information please use the following address: 101 SE Main St Ste#2000 Portland, OR 97204 (503) 230 9862 contracts@altago.com			
Section / General Condition	**Location**	**Proposed Amendment (Deletions in Red, Insertions in Blue)**	**Comments**
8.4.3	1st Paragraph	~~Payments are scheduled to be made by CITY to CONSULTANT using a credit card/CITY Procurement Card (P-Card). Payment will be made to CONSULTANT at:~~ ~~(CONSULTANT's ADDRESS – include name of President etc., title, company name, address, telephone, e-mail)~~	Alta accepts checks and ACH
10.3		~~Should the lowest responsible, responsive proposal exceed the Final Statement of Probable Construction Costs by ten percent (10%) or more, CONSULTANT shall, at the CITY's direction, redesign each Project and/or work with the CITY to reduce the costs to within the Final Statement of Probable Construction Costs at no additional expense to the CITY. In such a circumstance, the CITY may at its sole discretion, exercise any one or more of the following options:~~ ~~• CONSULTANT shall be required tp amend at the sole cost and expense of CONSULTANT, the Construction Drawings, Technical Specifications and Supplemental Conditions to enable the project to conform to a maximum of ten percent (10%) above the Estimated Construction Costs of the Project, such amendments to be subject to the written final acceptance and approval of same by the CITY;~~ ~~• CONSULTANT shall be required to provide at the cost and expense of CONSULTANT re-bidding services and related items (including costs associated with regulatory review and approval of revised documents) as many times as requested by the CITY until the base bid of at least one "best value" bid falls within the factor of ten percent (10%) of the Estimated Construction Cost of the Project;~~ ~~• The CITY may approve an increase in the Estimated Construction Cost of the Project;~~ ~~• The CITY may reject all bids or proposals and may authorize re-bidding;~~ ~~• The CITY may if permitted, approve a renegotiation of the Project within a reasonable time;~~ ~~• The CITY may abandon the project and terminate CONSULTANT's work authorization and Services for the Project; or~~ ~~• The CITY may select as many deductive alternatives as may be necessary to bring the award within ten percent (10%) of the Estimated Construction Costs of the Project.~~ ~~It is expressly understood and agreed that the redesigning services required to keep the Project within ten percent (10%) of the Estimated Construction Cost shall not be considered additional services and CONSULTANT agrees that it shall not seek compensation from the CITY for such Services.~~	Alta is not a construction firm and can not be held liable for the changing costs of construction.

10.9		The CITY shall maintain a record of all Change Orders which shall be categorized according to the various types, causes, etc. that it may be determined are useful or necessary for its purpose. Among those shall be Change Orders identified as negligent architectural/engineering Errors or Omissions.	Alta's liability should be limited to negligence
10.9.1		Unless otherwise agreed by both Parties in writing, it is specifically agreed that any change to the work identified as ~~an~~ a negligent Error on the part of CONSULTANT shall be considered for purposes of this Agreement to be an additional cost to the CITY which would not be incurred without the negligent Error. Negligent Errors on the part of the CONSULTANT shall be rectified by the CONSULTANT with no additional cost to the CITY.	Alta's liability should be limited to negligence
10.9.2		Unless otherwise agreed by both Parties in writing, it is further specifically agreed for purposes of this Agreement that fifteen percent (15%) of the cost of Change Orders for any item categorized as ~~an~~ a negligent Omission shall be considered an additional cost to the CITY which would not be incurred without the negligent Omission. So long as the total of those two numbers (Change Order costs of negligent Errors plus fifteen percent (15%) of negligent Omissions) remains less than two percent (2%) of the total Construction Cost of the Project, the CITY shall not look to CONSULTANT for reimbursement for negligent Errors and Omissions.	Alta's liability should be limited to negligence
10.9.3		Should the sum of the two as defined above (cost of negligent Errors plus fifteen percent (15%) of the cost of negligent Omissions) exceed two percent (2%) of the Construction Cost, the CITY shall recover the full and total additional cost to the CITY as a result of CONSULTANT's negligent Errors and Omissions from CONSULTANT, that being defined as the cost of negligent Errors plus fifteen percent (15%) of the cost of negligent Omissions above two percent (2%) of the Construction Cost.	Alta's liability should be limited to negligence
10.9.6		The ~~Contract Administrator's~~ decision as to whether a Change Order is caused by ~~an~~ a negligent Error or caused by ~~an~~ a negligent Omission, taking into consideration industry standards, shall be final and binding on both Parties for amounts in the aggregate under $100,000 per project, subject to Section 9.3. In the event of a dispute in an amount over $100,000, the Parties agree to use their best efforts to settle such dispute. To this effect, they shall consult and negotiate with each other, in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both Parties. If they do not reach such solution within a period of sixty (60) days, then upon notice to the other, either Party may commence litigation to resolve the dispute in Broward County, Florida.	This decision should not be made by anyone other than a certified design professional Alta's liability should be limited to negligence
12.1 Ownership of Documents	1st Paragraph	All documents including, but not limited to, drawings, renderings, models, and specifications prepared or furnished by CONSULTANT, its dependent professional associates and consultants, pursuant to this Agreement shall be owned by the CITY upon full payment to CONSULTANT in accordance with the terms and conditions of this agreement.	Ownership should only transfer upon full payment for services rendered.

12.2 Termination	12.2.1 Termination for Cause – 2nd Paragraph	All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by CONSULTANT shall become the property of CITY and shall be delivered by CONSULTANT to the CITY within five (5) days of CITY's request. Upon payment of such sum by CITY to CONSULTANT, CITY shall have no further duties or obligations pursuant to or arising from this Agreement. Any and all use or modification of the instruments of service which were not complete upon termination of this Agreement but which CITY may possess shall be at the CITY's sole risk and without legal liability to the CONSULTANT.	Consultant should not be held legally responsible for incomplete work
12.9 Indemnification of City	12.9.1	CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, from liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and persons employed or utilized by CONSULTANT in the performance of this Agreement. Where joint or concurrent negligence occur, the Parties shall bear the loss in proportion to their or their officers', employees', agents', Subcontractors' or Suppliers' degree of negligence. This indemnification shall survive the term of this agreement. ~~In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT shall, upon written notice from CITY,~~	Consultant should only be responsible for damages or loss to the extent the damage or loss was caused by Consultant. We request this edit because it more closely conforms to FL Title XLI Chapter 725 Section 725.08, (2) which prohibits a public agency from requiring a design professional to defend.
12.9 Indemnification of City	12.9.2	~~To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.~~	Consultant should be paid for completed work. Consultant shall pay for any obligations to arise from indemnity separately upon being found at fault.
12.10 Limitation of City's Liability	Add 2nd Paragraph	Notwithstanding any other provision in this Agreement, the Client agrees to strictly limit Contractor's liability under this Agreement or arising from the performance or non-performance of the Services under any theory of law, including but not limited to claims for negligence, negligent misrepresentation, and breach of contract, to the lesser of the fees paid to Contractor for the Services or maximum of applicable insurance proceeds. No claim may be brought against Contractor in contract or tort more than two (2) years after the cause of action arose. Any claim, suit, demand, or action brought under this Agreement shall be directed and/or asserted only against Contractor and not against any of Contractor's employees, shareholders, officers, or directors. Contractor's liability with respect to any claims arising out of this Agreement shall be limited as provided herein to direct damages arising out of the performance of the Services.	It is appropriate to limit liability to appropriate levels based on fee and scope of work undertaken.
12.11 Insurance	Insurance Certificate Requirements d)	In the event the Agreement term or any surviving obligation of CONSULTANT following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, CONSULTANT shall provide the City with an updated Certificate of Insurance ~~no later than ten (10) days prior to the expiration of the insurance currently in effect.~~ upon renewal.	Alta maintains continuous coverage. COI renewals are managed by a third party and not in our control. We will provide a renewal certificate as soon as it is available.

12.20 Compliance With Laws		CONSULTANT shall use the Standard of Care in its profession to comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations in performing its duties, responsibilities, and obligations related to this Agreement.	By using the standard of care to comply with laws, this becomes insurable thus protecting both the City and Consultant.
12.37 Intellectual Property		CONSULTANT shall ~~protect and defend~~ at CONSULTANT's expense~~, counsel being subject to the City's approval, and~~ indemnify and hold harmless the City from and against any and all losses, penalties, fines, damages, settlements, judgments, claims, costs, charges, royalties, expenses, or liabilities, including any award of reasonable attorney fees and any award of costs, in connection with or arising directly or indirectly out of any infringement or allegation of infringement of any patent, copyright, or other intellectual property right in connection with the CONSULTANT's or the City's use of any copyrighted, patented or un-patented invention, process, article, material, or device that is manufactured, provided, or used pursuant to this Agreement. If the CONSULTANT uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.	We request this edit because it more closely conforms to FL Title XLI Chapter 725 Section 725.08, (2) which prohibits a public agency from requiring a design professional to defend.
12.38 Rights in Documents and Work		Any and all reports, photographs, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of City, upon full payment to CONSULTANT; and CONSULTANT disclaims any copyright in such materials.	Ownership should only transfer upon full payment for services rendered.

i. Affidavit of Compliance with Foreign Entity Laws

AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source:§ 287.138(2)(a), Florida Statutes)
2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source:§ 287.138(2)(b), Florida Statutes)
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source:§ 288.007(2), Florida Statutes)
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)
6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)
7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
8. ***(Only applicable if purchasing real property)*** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source:§§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)

The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Michael Rose Title: Vice President, as duly authorized Entity: Alta Planning + Design, Inc.

Signature: Date: 2/26/25

NOTARY PUBLIC ACKNOWEDGEMENT SECTION

STATE OF Oregon
COUTY OF Multnomah

The foregoing instrument was acknowledged before me, by means of ☒ physical presence or ☐ online notarization, this 26th day of Feburary 20__, by Michael Rose, as Vice President, as duly authorized for Alta Planning + Design, Inc., who is personally known to me or who has produced N/A as identification.

Notary Public Signature: (Notary Seal)

Print Name: Erin McAlister My commission expires: 11/21/2026

OFFICIAL STAMP
ERIN MCALISTER
NOTARY PUBLIC - OREGON
COMMISSION NO. 1030609A
MY COMMISSION EXPIRES NOVEMBER 21, 2026

j. Anti-Human Trafficking Affidavit

Form not required per proposal Q&A. Alta is prepared to complete and sign the form upon the execution of a contract with the City.

k. Reference Form

REFERENCES FORM

The Consultant shall have previous experience in the State of Florida with projects of similar scope and scale (or larger). Complete this form in its entirety. **Note: Do not include proposed team members or parent/subsidiary companies as references in your submittal.**

PRIME BIDDER'S NAME: Alta Planning + Design, Inc.

CLIENT NO. 1 – Name of firm to be contacted: City of Tamarac

Address: 7525 NW 88th Avenue, Tamarac, FL 33321

Contact Person: Maher Mansour, AICP, LEED AP

Phone No: (954) 597-3530

Contact E-Mail Address: maher.mansour@tamarac.org

Project Performance Period: 04/23 to 11/24

Dates should be in mm/yy format

Project Name: Tamarac Multimodal Transportation Connectivity Master Plan

Location of Project: Tamarac, FL

Description of the overall scope:

Alta developed the Multimodal Transportation Connectivity Master Plan for the City of Tamarac. This comprehensive plan evaluates the current state of biking, walking, transit, and road networks, and identifies effective strategies, network enhancements, and safety improvements. The plan encompasses policy and program short, medium, and long-term recommendations. This prioritized list of projects will guide the city's future infrastructure investments.

Description of work that was self-performed by Bidder:

Evaluating bike, pedestrian, transit, and road networks; identifying effective strategies, network enhancements, and safety improvements; policy and program short, medium, and long-term recommendations; prioritizing future infrastructure investments.

REFERENCES FORM

CLIENT NO. 2 – Name of firm to be contacted: **City of West Palm Beach**

Address: **401 Clematis Street West Palm Beach, FL 33402**

Contact Person: **Kevin Volbrecht, P.E.**

Phone No: **(561) 494-1091**

Contact E-Mail Address: **kcvolbrecht@wpb.org**

Project Performance Period: **02/17** to **11/20**

Dates should be in mm/yy format

Project Name: **West Palm Beach Mobility Plan**

Location of Project: **West Palm Beach, FL**

Description of the overall scope:

The City of West Palm Beach made a commitment to create a community that is economically vibrant and competitive, environmentally sustainable, and socially just and accessible. This has led to expanded transportation options such as local circulators and SkyBike (bikeshare) services. Alta worked with the City of West Palm Beach to develop a collaborative and innovative approach to transportation planning, design, and implementation, leveraging current and new mobility technology and strategies.

Description of work that was self-performed by Bidder:

Alta focused on how to align competing demands for space in the public right-of-way to plan, prioritize, and implement a high-quality transportation network of on-street bikeways, walkways, trails, transit service, and vehicular routes. Included in this effort are mobility hubs that integrate options for future mobility technology such as electric vehicles and autonomous shuttles, public transit, bikeshare, car share, and placemaking strategies. The Alta team also made recommendations and policy guidance for autonomous shuttles and bus services.

Alta conducted four studies as part of this plan: a Citywide transit study, a Downtown Parking and Transportation Demand Management Study, the Okeechobee Corridor Study, and the Tamarind Avenue Vision Study.

REFERENCES FORM

CLIENT NO. 3 – Name of firm to be contacted: **City of Los Angeles Bureau of Engineering**

Address: **1149 S. Broadway, 8th floor, Los Angeles, CA 90015**

Contact Person: **Kitty Siu, Senior Civil Engineer**

Phone No: **(213) 485-4623**

Contact E-Mail Address: **kitty.siu@lacity.org**

Project Performance Period: **10/19** to **Ongoing**

Dates should be in mm/yy format

Project Name: **Civil Engineering On-Call Services**

Location of Project: **Los Angeles, CA**

Description of the overall scope:

Alta is working with LABOE on prioritized infrastructure improvements that promote efficient modes of travel that focus on safety, inclusion, and sustainability. This five-year on-call utilizes Measure M and local funds and has resulted in several design and design support services during construction, including:

- Phase 1 South Bay MSP Program
- Phase 2 Backlog Reduction Program
- Phase 3 Vision Zero Program

Description of work that was self-performed by Bidder:

Alta is managing and designing 182 intersection quadrants to meet ADA compliance across the City of Los Angeles. We are conducting site visits, preparing PS&E, and providing utility and stakeholder coordination throughout the engagement.