



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
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www.fortlauderdale.gov/purchasing

**BEST AND FINAL COST PROPOSAL
RFP #745-11393**

Cost to the City: Contractor must quote firm, fixed, annual rate for all services identified in this request for proposal. This firm fixed annual rate includes any costs for travel to the City. No other costs will be accepted. This firm fixed annual rate will be the same for the initial contract period.

Failure to use the City's COST PROPOSAL Page and provide costs as requested in this RFP, may deem your proposal non-responsive.

TOTAL PROJECT COST: **\$199,145.00** (*one hundred ninety nine thousand one hundred and forty five dollars*) (Attached is breakdown of costs and suggested payment schedule and a list of staff hours, including hourly rates for each staff person dedicated to the project).

Proposer: **Marcela Cambior & Associates, Inc.**

Signature: _____

Date: 6/12/2014

Print Name: **Marcela Cambior-Cutsaimanis**



BASIS OF THE COST PROPOSAL

This is a preliminary estimate; the exact budget and scope will be tailored in consultation with the client. The phases and task numbers correlate to list of tasks and work products listed in the project Approach under Tab 5. We hope to have an opportunity to work with the City of Ft. Lauderdale in order to further refine the project approach and budget with you.

PHASE I: ANALYSIS OF EXISTING CONDITIONS	\$ 62,055
PHASE II: PUBLIC WORKSHOPS	\$ 50,890
PHASE III: UPDATING & REFINING THE PLAN	\$ 71,200
PROFESSIONAL FEE SUBTOTAL	\$ 184,145
REIMBURSABLE EXPENSES*	\$ 15,000
TOTAL ESTIMATED FEE	\$ 199,145

REIMBURSABLE EXPENSES

Typical reimbursable expenses include travel (including transportation, food, and lodging), reproduction expenses, mailing, long-distance telephone, or any other miscellaneous or out-of-pocket expenses reasonably contemplated by the scope of services for this project. The reimbursable budget to complete the proposed scope of services for the Central Beach Master Plan is estimated to be \$15,000. A more detailed breakdown of expenses can be provided upon request.

COST PROPOSAL

	Hourly Rate	Phase I (Hours)						Phase II (Hours)						Phase III (Hours)				Total Hours	Proposed Cost		
		Task	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2			3.3	3.4
MCA	<i>Project Director</i>	\$150	2	16	16		16	26	8	10	12	4		4	16	4	32	40	44	250	\$37,500
Dover, Kohl & Partners	<i>Victor Dover or Joseph Kohl</i>	\$300	2	2				26		8	8	4			2		16	8	14	90	\$27,000
	<i>Team Coordinator</i>	\$150	2	16	16	16	8	26	8	8	16	15		4	4	16	32	32	26	245	\$36,750
	<i>Director of Design</i>	\$140					8	24		5		15	8			40		16		116	\$16,240
	<i>Town Planner</i>	\$90	2	24	16	24			8	5		15	8		4	32		40	8	186	\$16,740
	<i>Town Planner</i>	\$90										15	8			32		40		95	\$8,550
Alta	<i>Principal</i>	\$165	2							2			4			2				10	\$1,650
	<i>Managing Engineer</i>	\$150	2	4			8	26	2	4	4			24			16			90	\$13,500
	<i>Project Engineer</i>	\$100												24						24	\$2,400
Kittelson	<i>Principal</i>	\$185	2							2			3			2				9	\$1,665
	<i>Associate Plan./Eng.</i>	\$160	2	4			8	25	2	4	8			9			8			70	\$11,200
	<i>Associate Plan./Eng.</i>	\$160					8							9						17	\$2,720
	<i>Associate Plan./Eng.</i>	\$160					8							9						17	\$2,720
	<i>Transport. Analyst</i>	\$95					8	25			8			17						58	\$5,510
Total Fee:																				\$184,145	
Reimbursable Expenses:																				\$15,000	
TOTAL:																				\$199,145	

PROJECT CUSTOMIZATION

Every project is customized in close consultation with our clients. Dover, Kohl & Partners recognizes the need to maintain a reasonable budget while at the same time creating a useful and well thought out plan and strategy.

The Cost Proposal is reflective of the number of days and personnel involved in the project, meetings and workshops, the level of involvement of each member of our sub-consultant team, and the necessary work products and deliverables.

APPROACH | BEST AND FINAL OFFER

The following summarizes the general approach toward town planning that our team has developed for the Fort Lauderdale Central Beach Master Plan. We are aware that each project and plan presents unique opportunities and challenges; customization is the key. Our goal is to provide design consultation, drawings, exhibits, and participation in meetings with stakeholders, community groups, and public entities as necessary to develop a vision, master plan, recommendations, and implementation tools to guide future development.

Please note: any added or modified language will be displayed in green text to differentiate from the first round approach.

The ultimate goals of updating the existing CRA Beach Master Plan of 2009, include integrating the North Beach Neighborhood and creating form-based design guidelines. These are central to the proposal. Creating, adopting and implementing the resulting recommendations will likely be a lengthy process. It is therefore important to identify short-term "victories": projects that can be easily and inexpensively implemented that will act both as economic engines and overall catalysts of the grander vision for the area. Successful short term projects create momentum for more long-range projects, resulting in a more cohesive Central Beach character. Suggestions for such projects will come from not only the consultant team, but also from the community (including ideas from previous efforts).

MONTHS 1 - 2

PHASE I - ANALYSIS OF EXISTING CONDITIONS

Phase I will include the review of all relevant information including previous plans and studies and background information on the central beach area supplied by the City, as well as an analysis of urban design, land use, building conditions, building heights, building locations, density and/or intensity of development, the condition of the built environment, sidewalk conditions and transportation issues that affect the planning area. It will include a site visit for meetings with the City staff, the public, stakeholder interviews and on-site analysis by Dover-Kohl team members.

1.1 PROJECT KICK-OFF MEETING

At the start of the project, Marcela Cambor, the Project Director, and senior staff from Dover-Kohl, Kittelson and Alta will schedule a conference call with City staff to review base information needs, identify stakeholders, and strategize on the public participation process.

1.2 REVIEW OF EXISTING PLANS & STUDIES

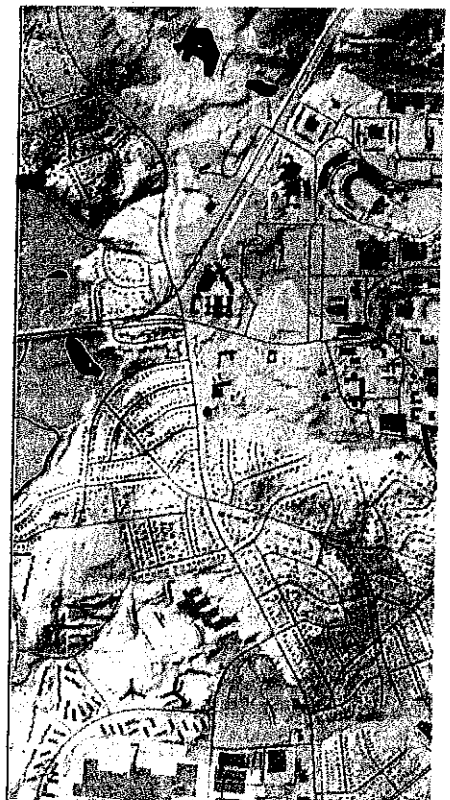
The team will become familiar with the details of previous plans, studies, and regulating documents related to the beach planning area and the surrounding parts of Ft. Lauderdale including the 2011 Central Beach Master Plan and the findings from the November 2013 public meeting supplied by the City, and other studies by the Florida Department of Transportation (FDOT), Transportation Planning Organization, Economic Development Commission, and others. These plans and studies will be assessed for their current applicability to the central beach planning area and how they will affect future outcomes in the area.

1.3 PUBLIC OUTREACH

Dover-Kohl and City staff will strategize on the best mechanisms for outreach to individuals and groups. A strategy for including FDOT (as necessary), soliciting ongoing community input, and establishing on-going public outreach throughout the process will be addressed. Dover-Kohl will assist in the design of flyers, posters, banners, postcards, mailers, and press releases to be distributed to the media, neighborhood associations, business associations, and community organizations (among others).

Throughout the planning process Dover-Kohl will provide information for the City of Ft. Lauderdale's website and updates can be posted on a project Facebook page to keep the community informed of public meetings and help them follow the planning process. Information to be provided will include project updates, photographs, maps, renderings, images, and other submitted deliverables.

In addition, Dover-Kohl is partnered with MindMixer. The MindMixer platform can be utilized to solicit public comments and suggestions online throughout the planning process and beyond.



Compelling and simple to understand maps, charts and models will be created using Geographic Information System (GIS) to help the community visualize geographic data.

As the City has already conducted a general planning process and established a foundation for the primary design principles, the second round of public outreach, performed by the consultant team, will center around establishing specific design concepts for the Central Beach area. The North Beach Village area is the first area to be addressed, but the Master Plan should take into account the context of the entire Central Beach region and its surrounding community. The team will work with the City to identify pertinent stakeholders and interest groups, working to ensure the greatest buy-in for the plan.

1.4 ANALYSIS & BASE MAPS

The team will utilize ArcView GIS or a similar base data mapping service, aerial and ground level photography, land use surveys, and expertise provided by the City to acquire the necessary information to create a series of Analysis Maps for the central beach planning area. Information to be mapped may include existing land uses, open space, zoning, planned land uses, utility easements, property boundaries, ownership, topography, natural resources, environmental conditions including flood zones, cultural and historic resources map, and a transportation system map. Maps will be field verified during an initial site visit. Utilizing this information, Dover-Kohl will produce base maps of the planning area to be used throughout the planning process by the team and public.

The City of Fort Lauderdale has performed thorough groundwork in existing conditions and compilation of spatial data. The team will work closely with the City to tailor any additional site visits and analysis to the goals of the project. The City will play a major role in ensuring the consistency of the team's analysis, both by contributing language to initial reports, and adding to the existing research. The City may provide staff to assist with modeling scenarios, testing proposed code conditions, and further site work as they see fit.

Following the process in which City Staff are directly involved in the creation of the Code, training sessions will be held to provide clarity and ease the implementation process.

1.5 PUBLIC REALM SURVEY

A detailed survey of the neighborhoods in the North Beach area will be completed. Surveyed information may include right-of-way street sections, specimen tree canopy and landscape patterns, swale, drainage, and sidewalk patterns and conditions, and parking conditions on both public and private property and within the right-of-ways. This information will be utilized throughout the planning process to identify potential capital improvement projects and the obstacles to streetscape improvements that may exist.

1.6 SITE VISIT

Key members of the Dover-Kohl team will conduct a 2 to 3 day site visit. The team will work closely with City staff and will conduct initial interviews with key stakeholders. Descriptions of tasks that can be completed during the site visit are as follows:

1.6.1 Team Meeting

The Dover-Kohl team will meet with City staff to refine the goals and objectives of the planning process. Together we will review the existing characteristics of the planning area including information compiled to create analysis maps. Key elements and recommendations from existing plans and reports that affect the study area will be discussed as to their relevance to the future potential for the planning area. From these discussions, key issues, opportunities, and constraints will be outlined. Planning principles and objectives identified in the initial Central Beach master Plan and formed for the northern area during the public meeting in last November will be discussed. These planning principles will later be explored and tested against the public's current desires during Phase II of the planning process.



Flyers, street banners, emails, and mailings should be used to notify the community of the planning process.



The team will analyze the existing conditions of the planning area and local precedents in the City, taking measurements, pictures, and notes of distinctive urban features.



During the site visit, Dover, Kohl & Partners will be available to attend press conferences and other media events with City staff and officials.



Public input for design guidelines and code changes will provide the foundation for guiding future development and enhanced community character.

1.6.2 Stakeholder Meetings & Interviews

The team will hold additional meetings during the site visit with key stakeholders including property owners, community groups, and other local stakeholders to discuss their goals and objectives for the planning area. The City will help identify key people and stakeholders that the team should meet with.

1.6.3 Area Tour

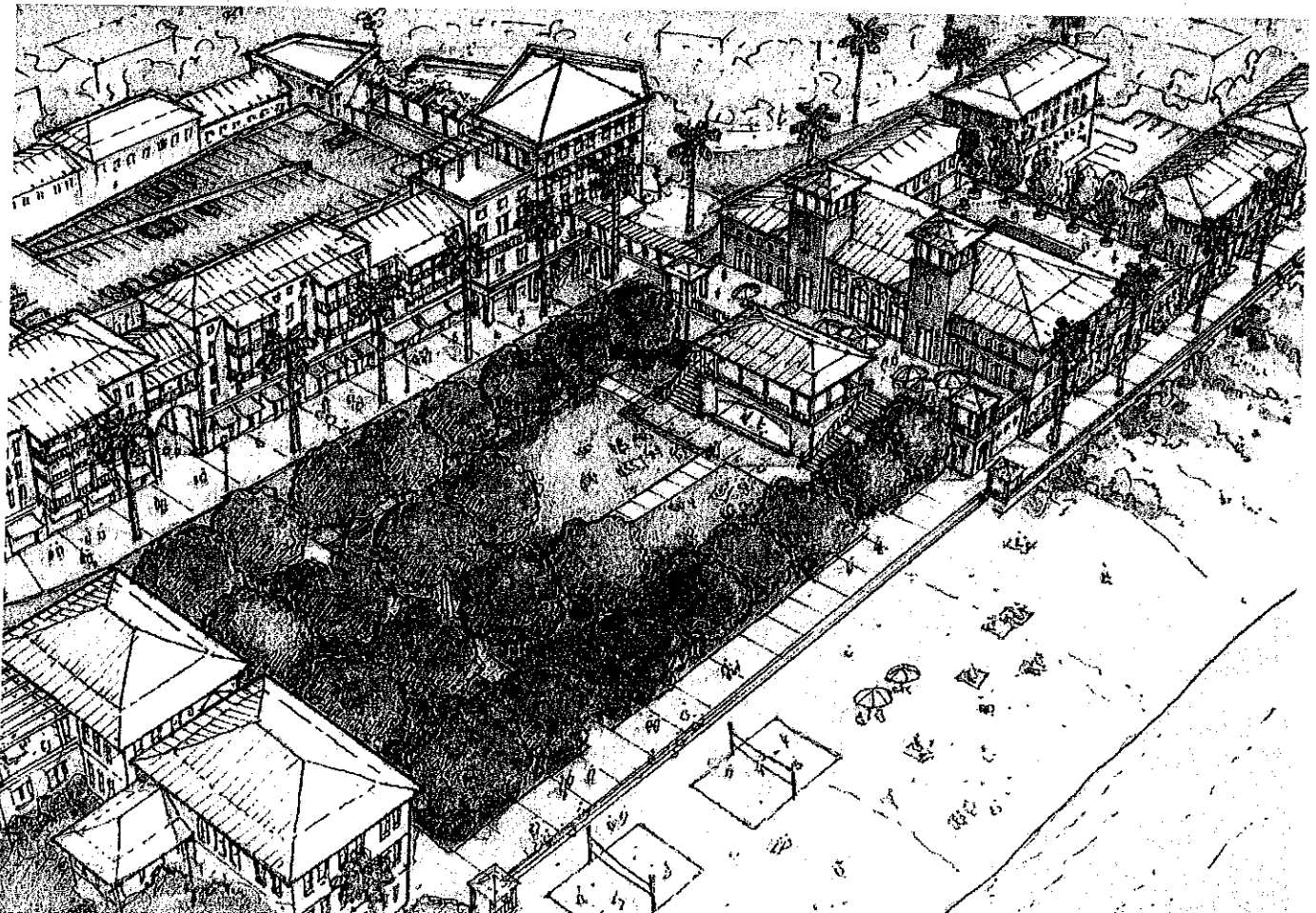
During the Site Visit, the project team will tour and examine the existing urban form and analyze the network of streets, blocks and lots, building types, and building patterns with City staff. The analysis will include a review of the existing land use, density, transportation issues, existing streetscape characteristics, urban design elements, and development issues affecting the study area. The team will assess, measure, and document existing building types, building placement relative to the street, building massing, scale, height, primary facade transparency, density and intensity of land use including vertical and horizontal mixing, sidewalks, plantings, lighting, signage, spacial enclosure, and level of street life activity. Special attention will be paid to the transitions between different character areas within the Central Beach area looking for what works and does not work in these transition areas.

1.6.4 Kick-Off Press Conference (Optional)

While in Ft. Lauderdale, the project team will be available to participate in a press conference along with the City to inform the community of the upcoming public planning process.



Residents, stakeholders and planners will work together in groups, drawing their ideas.



The project will identify specific character areas, creating a diverse and appealing Central Beach neighborhood.

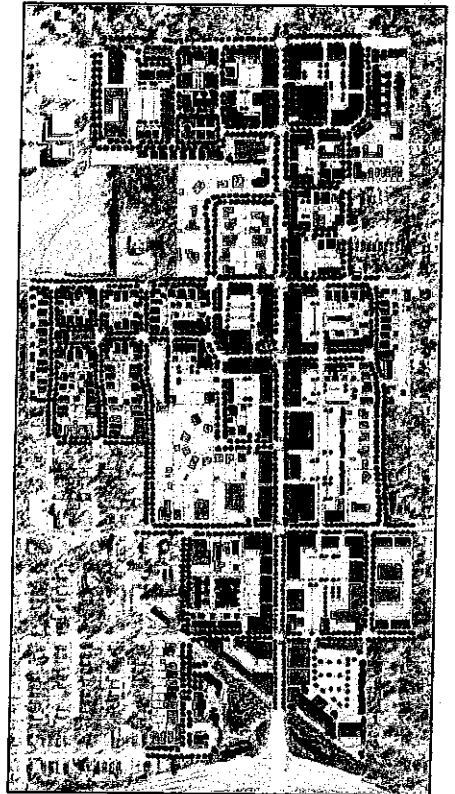
PHASE II - PUBLIC WORKSHOPS

The centerpiece of Phase II will be the creation of the consolidated future vision for the Central Beach area in accordance with public input and stakeholder involvement. Dover-Kohl will lead a series of public meetings, design sessions, stakeholder interviews, and technical meetings to quickly engage the community and form the framework for the Plan, including physical design features, transportation, infrastructure, housing, and sustainability goals and objectives along with the community's values and aspirations for the Central Beach area. The hands-on nature of the Workshops and the opportunity to interact with differing perspectives allows issues to be quickly identified and resolved. City staff and officials will be involved throughout various meetings, workshops, and presentations. Updates will be provided to the project website and Facebook page periodically throughout the planning process.

This series of public workshops and meetings is vital to confirming and refining the draft Central Beach Master Plan, including the proposed Design Standards. Throughout this part of the planning process, current proposed standards will be tested and refined. A focus on how standards affect different character areas of the beach will be explored in both plans and visualizations.

2.1 DESIGN THE WORKSHOP FORMAT

Dover-Kohl will work with City staff to structure the best format and timeline for the public events to best meet the needs of the community. Emphasis will be placed on establishing a community vision for the beach, and creating methods to make that vision a reality. Workshops will include multiple opportunities for people to offer input, including small group conversations, exit surveys, keypad polling, one word cards, and one-on-one conversations. A preliminary format is presented in the following tasks.



The detailed Draft Illustrative Plan and Visualizations show where and how buildings should be located on their lots.



Visualizations like the Anatomy of Shopfront Retail Environment can be created to illustrate the step by step details to make attractive pedestrian frontages.

2.2 PUBLIC KICK-OFF & HANDS-ON DESIGN EVENT

Marcela Cambior & Associates and Dover-Kohl will lead a Public Kick-off Event featuring a "Food For Thought" presentation to educate the public on best practices in mixed-use, mixed-income development, livable transportation, traditional urban design, sustainability, community character, and Smart Growth, especially how they apply to peer beach communities with a large tourist industry. In addition, previous goals and objectives will be reviewed along with an analysis of existing conditions. A public realm survey will be presented to the public to inform and educate them on the numerous planning challenges that must be dealt with during the planning process.

As part of this event, participants will be asked a series of key-pad polling questions in order to address and confirm previously stated priorities and goals for the Central Beach areas to see where consensus still exists and where other priorities may take precedence over others. A series of goals for the northern beach area will be created and tested with participants based on the November 2013 public meeting.

Following the Kick-off Presentation, the meeting will transition to the Hands-on Design Session. Participants will divide into small table groups around the room, oriented to base maps, and a set of ground rules and goals for the session will be laid out. Each table will have a facilitator from the Dover-Kohl team or City staff to assist participants in a number of design exercises. The design team will work closely with the City to design a hands-on exercise to gather important input from the community and to help spark useful conversations without repeating questions or exercises asked of the community in recent years. Exercises may include asking the community to identify the important issues associated with the future of the Central Beach area and discuss them in small groups. Participants may then continue to work together and draw on base maps to illustrate how they might like to see the area evolve in the future by describing the uses, open spaces, building design and type, landscaping, street design, housing options, parking, and services, as well as key transportation concerns. Other options include community preference surveys, dot exercises, or focusing on refining previously stated goals and priority improvement projects.

At the end of the workshop, a spokesperson from each table will report the findings and major points to the entire assembly. The goal of the Hands-on Design Session is to forge a community consensus and develop a short- and long-range vision for the future of the study area.



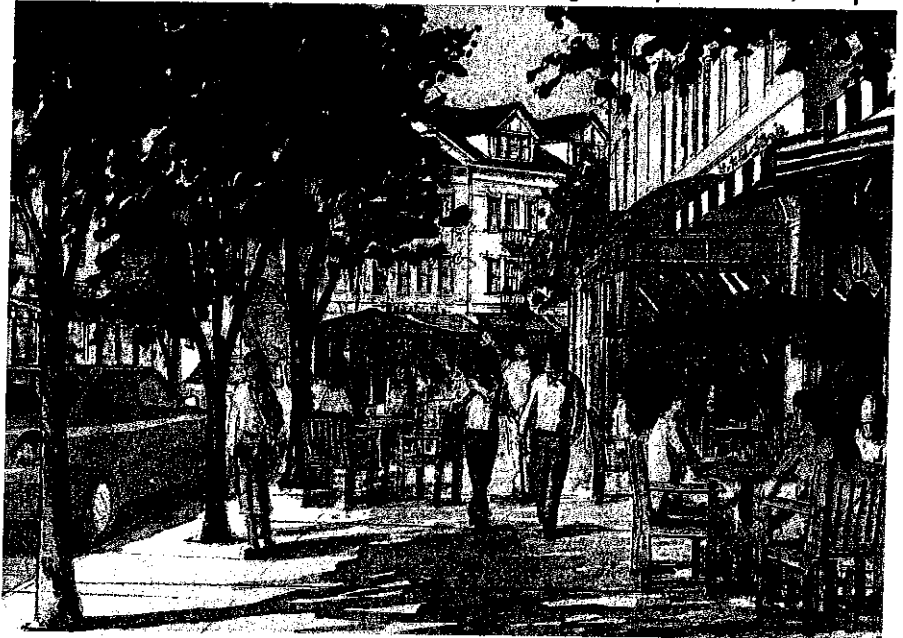
The Work-in-Progress Presentation wraps up the design workshop and prepares the community for the next steps.

2.3 TECHNICAL MEETINGS

The planning team will lead a series of technical meetings with government agencies and local experts to address housing, open space, transportation, and other relevant topics. The purpose of these meetings is to review the vision and receive immediate focused feedback from all stakeholders. Additional meetings with key stakeholders such as property owners, developers, neighborhood associations, the Chamber of Commerce, and local merchants may be held to ensure their plan objectives are reflected in the overall plan.

2.4 DRAFT ILLUSTRATIVE PLAN

The planning team will create an illustrative plan illustrating urban design characteristics such as massing, density and land use, transportation options, open space and recreation, and economic development opportunities. While the illustrative plan is being developed, issues concerning the growth of the beach and development will be addressed and solutions studied. The assessment of the current built environment begun during Phase 1 will test existing regulations as they address the interface between different land uses, the surrounding neighborhoods, and current built conditions.



2.5 VISUALIZATIONS

Illustrations often communicate ideas better than words, and are valuable tools to test or confirm plan concepts and gather meaningful input. Illustrations, ground level and aerial perspective drawings, and diagrams that present emerging planning concepts will be created to obtain feedback from City staff and the community. Visualizations will provide “change over time” sequences of infill proposals, redevelopment strategies, and streetscape improvements. Visualizations can highlight principles of building and street design, principles of quality architecture and public gathering spaces. A series of graphics illustrating different building typologies in terms of scale and massing can be created to compare what is permitted in accordance to existing regulations and based on proposed new standards.

The team uses multiple methods of creating visualizations and graphics to great effect. Traditional hand-drawn renderings provide examples of general visions and design principles, highlighting the potential character of a community. Computer-based renderings illustrate the more technical side of such principles, emphasizing how specific design guidelines may be used in future development. The team also combines hand-drawn and computer based techniques, creating compelling and accurate visions of the region and proposed guidelines.

2.6 TRANSPORTATION ANALYSIS & ASSESSMENT

The transportation team will examine multimodal transportation opportunities throughout the planning area and how they connect to the surrounding community from the perspective of all modes of travel: walking, biking, transit, and driving. This holistic approach to transportation needs will reveal new methods of recovering lost connections. The transportation analysis will inform improved pedestrian and vehicular connectivity, increased access to open spaces and the beach, and streetscape improvements. Transportation strategies will be integrated with streetscape design, based on the belief that successful streets have a dual role of moving people and providing great addresses. A series of streetscape standards will be developed as well as identification of priority capital improvement projects to help guide future investment in the public realm. An assessment of proposed projects on hurricane evacuation routes will also be provided.

Our team is nationally recognized for working with communities experiencing parking challenges. We understand that parking challenges arise when parking is regarded as end as opposed to a means to achieve a greater goal. As our team works with the community to update existing goals and identify new ones, parking strategies will be used as a tool to achieve those goals. Specific solutions to existing challenges will be proposed in the context of the overall goal. We will present the city and community with proposed parking solutions of different intensity and scope, as appropriate. We will work with staff and the community to determine which proven method, or combination of parking solutions is more appropriate for each district or neighborhood within the study area.

While the plan is not yet created, we recognize that understanding the parking requirements and resolving them in a manner which enhances the built environment is a priority in this planning effort. One parking solution does not fit all, and a detailed parking solution will be proposed for each specific parking challenge and condition. Another method for effectively addressing parking concerns will involve recommending incentives and regulations, including performance-based parking strategies.

2.7 RESILIENCE ANALYSIS & ASSESSMENT

The team is acutely aware of the many challenges South Florida faces regarding climate change and sea level rise. Marcela Cambor and Dover, Kohl & Partners were two of the main authors of the Seven50 Regional Plan, which addressed the entire Southeast Florida Region. While Seven50 was an entire blueprint for prosperity in the region, the report heavily prioritized resilience and adaptation. The team is well-versed in the specific challenges Fort Lauderdale will face, including economic implications. The report provided both mitigation and adaptation solutions. Technologies including sea walls, levees, backflow preventers and desalinisation plants. While not all technologies will be pertinent in the case of Fort Lauderdale, the team has the expertise required to evaluate potential environmental engineering strategies.

2.8 WORK-IN-PROGRESS PRESENTATION

The planning team will host a "Work-in-Progress" presentation at an intermediate point in the planning process. The team will present ideas generated for the Central Beach area including the draft Illustrative Plan and Visualizations of the area's hypothetical build-out. A summary of transportation, revitalization and housing strategies will be presented, highlighting the opportunities for quality development. A question and answer session will follow the presentation.

During the Work-in-Progress presentation, keypad polling will be utilized in order to generate real-time survey results and opinion polls from members of the audience. We can track response information and view results during the presentation. Keypad polling can help us understand if the plan is on the right-track before it is finalized in a report format.

PHASE III - UPDATING & REFINING THE PLAN

The draft illustrative plan, visualizations, and transportation concepts begun before the Work-in-Progress will be refined based on feedback received from the City and public to best illustrate the community's short- and long-term goals. Graphics and text will be used to demonstrate the common vision and show what is possible by describing the mix of uses, building types, transitions to the surrounding neighborhoods, and street details.

3.1 REFINE ILLUSTRATIVE PLAN & VISUALIZATIONS

The illustrative plan will be refined based on feedback received from City staff, elected officials and the public following the Work-in-Progress presentation. The illustrative plan will illustrate both short- and long-term development prospects and will designate development intensity and the appropriate mix of uses.

The team will also refine the numerous visualizations, based on input received after the Work-in-Progress presentation and in the following weeks. Renderings of key design concepts will demonstrate the possibilities for future development as well as suggested recommendations for height, scale and scope of building construction that will be proposed in new regulations.

Creating visualizations will be one of the most vital components in demonstrating the code and refining the plan. The team creates graphics and sketches at all scales. Design guidelines will start with architectural details such as signage and awnings, and expand in scale to setbacks, land use, zoning, and the design of complete streets. Providing this range of visualizations allows for a streamlined approach in public outreach. Visualizations can include before and after renderings of key sites, full interactive 3D models of suggested development and detailed plans of areas throughout the Central Beach. Depicting complexities in a graphic form allows the community to understand code changes more clearly, resulting in greater buy-in and a more effective implementation strategy.

3.2 RECOMMENDATIONS & IMPLEMENTATION

Based on the preferred vision for the community, recommendations and implementation steps to make the community's vision a reality will be drafted. These may include suggested revisions to the City's Unified Land Development Regulations, the City's Interim Use Ordinance, and/or priorities for public improvements. Implementation strategies will include short- and long-term steps to implementing the vision. Short-term steps that the City can immediately begin will be highlighted to give the community confidence that their vision will come to fruition.

3.2.1 BREAKER'S AVENUE

A focus on implementation to create an exemplary project along a portion of Breaker's Avenue will examine potential funding sources such as grant opportunities. Coordinated streetscape improvements will be detailed for a section of the roadway.

It is our team's understanding that no plan has been defined for Breaker's Avenue yet. This will be done as part of the public process included in the proposal. Once the team receives community input on this specific section of town, a master plan and accompanying sketches, diagrams and implementation strategies will be prepared. This plan and proposed implementation section will be consistent with the community's input and enhanced by proven innovative town planning, engineering, mobility, parking and other appropriate recommendations by our team of professionals.

Our team has vast experience and close relationships working with local, state and federal agencies identifying grant and other funding opportunities. Additionally, we have extensive familiarity implementing public-private partnerships and wide knowledge with special district funding, tax increment funding, special bonds such as Delray Beach's 10 years of excellence bond, as well as others.

3.3 UPDATE CENTRAL BEACH MASTER PLAN REPORT

The planning team will create a concise plan document that describes the details of the preferred community vision for the update to the Central Beach Master Plan. Clear planning principles developed by the community throughout the charrette, will guide the Plan. Recommendations and Implementation Steps will also be detailed within this document. The planning team will provide 2 rounds of revisions for the updated Central Beach Master Plan and ULDR revisions. This will result in a Draft, Final Draft and Final Plan documents and recommendations.

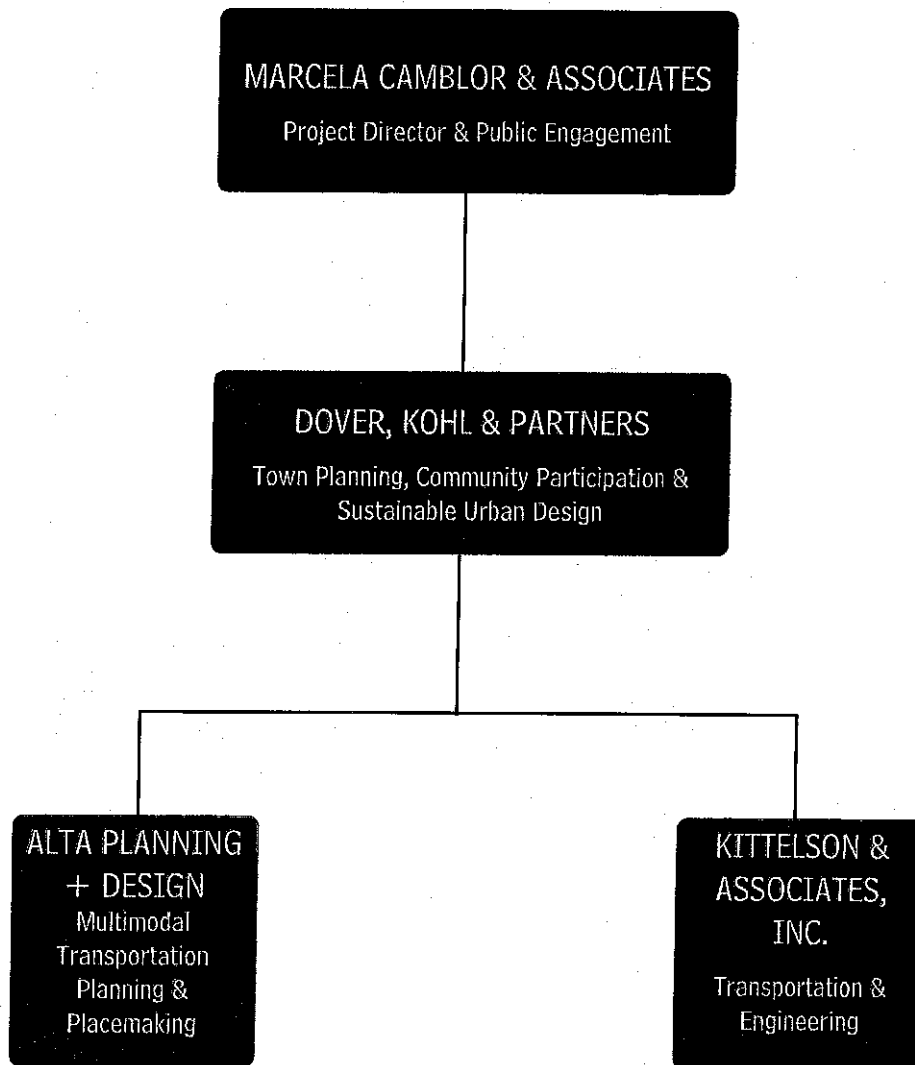
As the master plan for the North Beach Area is developed, the team will develop a Capital Improvements Project list and provide cost estimates for each item. The Capital Improvement Plan will cover the full spectrum of the City's needs, from immediate fixes to extended redevelopment projects.

3.4 PUBLIC PRESENTATIONS OF THE PLAN & RECOMMENDATIONS

Key members of the planning team will present the Central Beach Master Plan Report and Recommendations to the public. This presentation could be a special meeting or at an official public hearing for the commission and/or City Council. The team members will be available to answer questions and explain the details of the plan, suggested plan amendments and other recommendations.

Following the creation of the Code, a process in which City staff will be directly involved, training sessions will be held to provide clarity and ease the implementation process. All staff members will have in-depth knowledge of Code usage and implementation upon completion of the plan.

TEAM ORGANIZATION



MARCELA CAMBLOR & ASSOCIATES will lead the project team, focusing on genuine public participation and project management. DOVER, KOHL & PARTNERS will focus on town planning, urban design, and community participation. KITTELSON & ASSOCIATES, INC. specializes in Florida transportation and engineering. Wade Walker from ALTA PLANNING + DESIGN specializing in multi-modal transportation planning, with a focus on developing transportation recommendations utilizing all modes of transportation, including walking and biking. The team has the expertise needed to create a beach neighborhood that serves the needs of the pedestrian and creates a welcoming environment.

Each member of our team brings a unique component to the project, creating a full range of capabilities. Kittleson & Associates and Alta Planning + Design both have substantial experience in transportation projects, both regionally and nationally. Alta Planning + Design are nationally renowned for their multimodal transportation planning, and placemaking, creating walkable, thriving communities. Alta will provide vehicular transportation planning, in addition to non-motorized mobility.

Kittleson & Associates' main focus during the Central Beach Master Plan will be transportation engineering, along with planning components. Kittleson will provide technical analysis for design principles proposed by the design team, while incorporating their knowledge of transportation issues in the Fort Lauderdale area. Kittleson & Associates will have four PE's on staff to address the technical components of planned improvement projects, including feasibility studies and resilience impacts.