

**CITY OF MIRAMAR
PROPOSED CITY COMMISSION AGENDA ITEM**

Meeting Date: November 17, 2025

Presenter's Name and Title: Leah deRiel, Assistant City Engineer, on behalf of Engineering and Strategic Development.

Prepared By: Leah deRiel, Assistant City Engineer

Temp. Reso. Number: TR8548

Item Description: Temp. Reso. R8548 APPROVING AMENDMENT #2 FOR ADDITIONAL DESIGN SERVICES FOR THE "PEMBROKE ROAD EXPANSION FROM SW 160TH AVENUE TO US-27 AND MIRAMAR PARKWAY EXTENSION TO PEMBROKE ROAD" PROJECT (CIP #52061) TO KIMLEY HORN AND ASSOCIATES, INC.; AUTHORIZING THE CITY MANAGER TO EXECUTE THE PROPOSED AMENDMENT IN AN AMOUNT NOT-TO-EXCEED \$103,272. (Assistant City Engineer, Leah deRiel)

Consent Resolution Ordinance Quasi-Judicial Public Hearing

Instructions for the Office of the City Clerk: N/A

Public Notice – As required by the Sec. ____ of the City Code and/or Sec. ____, Florida Statutes, public notice for this item was provided as follows: on _____ in a _____ ad in the _____; by the posting the property on _____ and/or by sending mailed notice to property owners within ____ feet of the property on _____
(fill in all that apply)

Special Voting Requirement – As required by Sec. _____, of the City Code and/or Sec. _____, Florida Statutes, approval of this item requires a _____ (unanimous, 4/5ths etc.) vote by the City Commission.

Fiscal Impact: Yes No

REMARKS: Funding in the amount of \$103,272.00 is available in the CIP Fund, GL Account No. 395-53-804-541-000-606502-52061 entitled CIP-Plan/Design/Engineering, to be reimbursed through Broward County Transportation Surtax Mobility Program.


Content:

- **Agenda Item Memo from the City Manager to City Commission**
- **Resolution TR8548**
 - **Exhibit A:** Proposed Professional Services Agreement Amendment #2 with Kimley-Horn and Associates, Inc.
- **Attachment(s)**



**CITY OF MIRAMAR
INTEROFFICE MEMORANDUM**

TO: Mayor, Vice Mayor, & City Commissioners

FROM: Dr. Roy L. Virgin, City Manager 

BY: Salvador Zuniga, City Engineer

DATE: November 12, 2025

RE: Temp. Reso. No. TR8548, approving Amendment #2 for additional design services for the "Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension to Pembroke Road" Project (CIP# 52061)

RECOMMENDATION: The City Manager recommends approval of Temp. Reso. No. 8548, approving Amendment #2 for additional design services for the "Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension to Pembroke Road" Project (CIP# 52061) to Kimley Horn and Associates, Inc. in an amount not-to-exceed \$103,272.

ISSUE: City Commission approval is required for expenditures exceeding \$75,000 in accordance with City Code Section 2-412 (a)(1).

BACKGROUND: In September 2018, municipalities entered into Interlocal Agreements ("ILAs") with Broward County and the Broward Metropolitan Planning Organization ("MPO") that outlined terms for implementing a proposed transportation system surtax that was approved by voters on November 6, 2018. The ILA (and its subsequent amendments) established the process to prioritize and make recommendations for funding municipal capital improvement projects submitted by each municipality that was a party to the ILA. The first round of ranking of municipal capital projects was completed by the MPO, and the Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension from SW 192nd Terrace to Pembroke Road (MIRA-001, 002, 003, and 004) (the "Project") was reviewed, ranked, and subsequently approved for funding by the Broward County Board of County Commissioners.

The Project involves the design of the expansion of Pembroke Road from SW 160th Ave to US-27 and the extension of Miramar Parkway from SW 192nd Terrace to Pembroke Road. It includes the design of roadway widening, new roadway segments, landscaping, irrigation, lighting, drainage, buffered bike lanes, sidewalks, noise walls where warranted, traffic signal design, signing, and pavement markings.

On August 18, 2021, the Commission entered into an Interlocal Agreement between Broward County and City of Miramar for the Project, which approved use of Transportation Surtax funding in the amount not to exceed \$5,930,000 for the Project.

On January 26, 2022, the Commission approved award of Request for Qualifications (RFQ) 21-08-35 for the provision of Design Services for the "Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension to Pembroke Road" Project to Kimley Horn and Associates, Inc, in an amount not-to-exceed \$5,928,013.

On January 14, 2024, the City Manager approved Amendment No. 1 for additional design services to modify the drainage design and remove the Segment A post-design services for \$-15,144.

On September 24, 2025, City staff received and reviewed Amendment No. 2 for additional design services in the amount of \$298,840 to modify Segment B in order to reduce future construction costs.

The Project Manager for this Project is Leah deRiel, Assistant City Engineer.

DISCUSSION: The proposed Amendment #2 will minimize the construction scope of Segment B in order to reduce anticipated construction cost. Staff has proposed various design changes to reduce the project cost to bring it closer to the original approved Surtax budget for the Construction phase of the project (\$54,050,000.00). The proposed changes would reduce the typical section of Segment B from a 4-lane to a 2-lane section and remove landscaping and irrigation from Segment B's medians and swales. The design also accommodates the relocation of the driveway into the Reuter Recycling Center, which is currently undergoing expansion.

In order to partially offset the cost of the changes in the Design phase, the Post-design Services for Segments B and C and Bidding/Project Phasing scopes of work for all three Segments (A, B, and C) are being removed from the Design phase of the contract with the understanding that they may be added back in at the Construction phase of the contract and funded with the Construction phase budget. The total value of the removed scope is \$-195,568.00. The Amendment #2 design change value is \$298,840, which results in a net change of \$103,272.00 to the Professional Services Contract.

ANALYSIS: Broward County Transportation Surtax funds will be used to fund all eligible components of the Project. Funding will be provided in quarterly advances as per the Project's ILA, which is being modified to reflect the Amendment #2 changes.

Temp. Reso. No. 8548

10/9/25

11/10/25

**CITY OF MIRAMAR
MIRAMAR, FLORIDA**

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF MIRAMAR, FLORIDA, APPROVING AMENDMENT #2 FOR ADDITIONAL DESIGN SERVICES FOR THE “PEMBROKE ROAD EXPANSION FROM SW 160TH AVENUE TO US-27 AND MIRAMAR PARKWAY EXTENSION TO PEMBROKE ROAD” PROJECT (CIP #52061) TO KIMLEY HORN AND ASSOCIATES, INC.; AUTHORIZING THE CITY MANAGER TO EXECUTE THE PROPOSED AMENDMENT IN AN AMOUNT NOT-TO-EXCEED \$103,272; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, municipalities entered into interlocal agreements (“ILAs”) with Broward County and the Broward Metropolitan Planning Organization (“MPO”) for implementation of the transportation system surtax approved by voters on November 6, 2018; and

WHEREAS, the City approved the Transportation System Surtax Interlocal Agreement (Surtax ILA) on September 17, 2018 through Resolution No.18-182; and

WHEREAS, the City approved the first amendment to the surtax ILA on July 10, 2019 through Resolution No.19-142; and

WHEREAS, the City approved the second amendment to the Surtax ILA on March 3, 2021 through Resolution No.21-62; and

Reso. No. _____

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WHEREAS, the City approved the Interlocal Agreement between Broward County and City of Miramar for Surtax-Funded Municipal Transportation Project: Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension from SW 192nd Terrace to Pembroke Road (MIRA-001, 002, 003, and 004) on August 18, 2021 through Resolution No.21-136; and

WHEREAS, the Project involves the design of the expansion of Pembroke Road from SW 160th Ave to US-27 and the extension of Miramar Parkway from SW 192nd Terrace to Pembroke Road; and includes the design of roadway widening, new roadway segments, landscaping, irrigation, lighting, drainage, buffered bike lanes, sidewalks, noise walls, traffic signal design, signing, and pavement markings; and

WHEREAS, on January 26, 2022, the City Commission approved the award of RFQ No. 21-08-35 for the Design of Pembroke Road Expansion and Miramar Parkway Extension to Kimley Horn & Associates, Inc. in the amount of \$5,928,013 through Resolution No. 22-62; and

WHEREAS, on January 14, 2024, the City Manager approved Amendment No. 1 for additional design services to modify the drainage design and remove Segment A post-design services; and

WHEREAS, Amendment No. 2 for additional design services is desired in order to further reduce anticipated construction costs.

Temp. Reso. No. 8548

10/9/25

11/10/25

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF MIRAMAR, FLORIDA AS FOLLOWS:

Section 1: That the foregoing “**WHEREAS**” clauses are ratified and confirmed as being true and correct and are made a specific part of this Resolution.

Section 2: That the City Commission approves Amendment #2 for additional design services for the “Pembroke Road Expansion from SW 160th Avenue to US-27 and Miramar Parkway Extension to Pembroke Road” Project (CIP# 52061) to Kimley Horn and Associates, Inc. in an amount not-to-exceed \$103,272.

Section 3: That the City Manager is authorized to execute the proposed Amendment #2 to the Professional Services Agreement with Kimley-Horn and Associates, Inc., in an amount not-to-exceed \$103,272, in the form attached hereto as Exhibit “A,” together with such non-substantive changes as are deemed acceptable to the City Manager and approved as to form and legal sufficiency by the City Attorney.

Section 4: That the appropriate City Officials are authorized to do all things necessary and expedient to carry out the aims of this Resolution.

Section 5: That this Resolution shall take effect immediately upon adoption.

Temp. Reso. No. 8548

10/9/25

11/10/25

PASSED AND ADOPTED this _____ day of _____, _____.

Mayor, Wayne M. Messam

Vice Mayor, Yvette Colbourne

ATTEST:

City Clerk, Denise A. Gibbs

I HEREBY CERTIFY that I have approved
this RESOLUTION as to form:

City Attorney
Austin Pamies Norris Weeks Powell, PLLC

<u>Requested by Administration</u>	<u>Voted</u>
Commissioner Maxwell B. Chambers	_____
Commissioner Avril Cherasard	_____
Vice Mayor Yvette Colbourne	_____
Commissioner Carson Edwards	_____
Mayor Wayne M. Messam	_____

October 13, 2025

Leah DeRiel
Assistant City Engineer
City of Miramar
2200 Civic Center Place
Miramar Florida 33025

Re: Amendment #2 Segment B Design Modifications for Pembroke Road Expansion (RFQ 21-08-35)

Dear Mrs. DeRiel:

Kimley-Horn and Associates, Inc., (hereinafter referred to as “Consultant”, “We” or “Kimley-Horn”), in connection with the City of Miramar’s Pembroke Road Expansion RFQ# 21-08-35” is pleased to submit this proposal to the City of Miramar, (hereinafter referred to as “Client” or “City”) to provide professional services associated with developing contract documents for the Pembroke Road Expansion project.

The following is our scope of services and fee.

SCOPE OF SERVICES

Project Understanding

The Pembroke Road Expansion Project is a County Surtax funded project to be administered by the City of Miramar. The project includes providing a four-lane divided facility from US-27 to Dykes Road and to extend Miramar Parkway as a two-lane divide facility from its current terminus to intersect with the proposed extension of Pembroke Road.

This proposed amendment is for additional services to modify the design for Segment B from a four-lane divided facility with curbing on the outside from US-27 to SW 196th Avenue to a four-lane divided facility with flush shoulder on the outside. The change in design typical section was requested by the City in an effort to reduce overall construction cost and minimize drainage impacts along Segment B. In general, the proposed changes to the typical section are reflected in the Pembroke Rd Seg B Typical Section (dated 07-230-25), see attached exhibit.

Scope of Services

Kimley-Horn will provide the services specifically set forth below.

SEGMENT B SCOPE OF SERVICES

TASK 1 - PROJECT MANAGEMENT

- a. Meetings and management- Provide project management throughout the duration of the project. Conduct meetings with design team and City staff, provide documentation and quality control.
- b. Project Coordination – Coordinate all design effort throughout the duration of the project design.

- c. Contract Management – Maintain all contract requirements with City and subconsultants. Provide invoicing and payment management.
- d. Prepare progress reports, schedules, and surtax related information.
- e. Prepare a schedule.

TASK 3 - DESIGN

Provide standard roadway design in accordance with City and Broward County / FDOT Greenbook design criteria including ADA requirements.

- f. Horizontal Alignment Analysis
 - Based on the revised 4-lane typical section and attached Pembroke Rd Seg B Typical Section (dated 07-30-25), develop an alignment for the horizontal layout to meet FDOT Greenbook criteria for C3R Context roadway design. This entails:
 - Access Management
 - Truck Turning Analysis
 - Clear Zone and Roadside Design
 - Turn Lane Geometry (based on recommendations from Traffic Analysis)
- g. Vertical Alignment Analysis
 - Review and modify as needed the profiles created in the previous design phase for Segment B to accommodate the new design typical section and design criteria set for this project.
- h. Intersection Design
 - Design intersection modification based on accommodating the proposed four lanes and the profiles established with the vertical alignments. There is no proposed widening of the north-south intersecting streets. Incorporate new access/ intersection for the Reuters Disposal Center as requested by City of Pembroke Pines. Review and modify curb ramps to provide pedestrian connectivity and meet ADA requirements. Provide curb return grading in conjunction with drainage design. Review curb ramp placement with traffic signal equipment to address ADA criteria. Anticipated intersection modifications at:
 - SW 208th Avenue / Pembroke Rd

- Entrance to Reuters Disposal / Pembroke Rd
 - Deliverables: 11"x17" Plan Sheets and PDF
- i. Cross Section Design
 - Consultant will prepare roadway cross sections. Cross sections will be prepared at every 50' and utilized to establish the following:
 - Design Cross Sections
 - Earthwork Analysis and Design
 - Pavement Analysis and Design
 - Revised Design Submittal
 - Deliverables: 11"x17" Plan Sheets and PDF files
- j. Roadway Design and Plans
 - Develop roadway design and prepare a complete set of roadway construction plans suitable for bidding in accordance with County standards. Prepare plan sheets at 1"=40' scale on 11x17 size sheets. For exhibits use readily available County aerial background raster images.
 - Deliverables: 11"x17" Plan Sheets and PDF files
- k. Signing and Pavement Marking Design and Plans
 - Develop signing and pavement marking plans in accordance with current MUTCD and Broward County standards. No overhead signs are anticipated for the project. Submit plans to Broward County for their acceptance.
 - Deliverables: 11"x17" Plan Sheets and PDF files
- l. Opinion of Probable Construction Cost
 - Prepare an opinion of probable construction cost (OPC) of the project. The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs

- Deliverables OPC with Revised Design Submittal

m. Drainage Design and Plans

- Subconsultant will be responsible for the drainage design, and analyses utilizing ADICPR or Cascade, and ASAD software for flood routing and pipe sizing respectively within the right of way of Segment B.
- Re-run the Flood routing of basin 5 as it was established by subconsultant under the original design for this segment to accommodate the changes associated with the revised typical section.
- Pipe sizing and drainage inlet design
- Control structures design
- Cross drains design.
- Swale design and revise the drainage report that was original prepared for this Segment B
- Plans Preparation
 - Prepare Drainage Plans for the segment B including drainage maps, plan, profile and drainage cross section sheets and quantities. KH will provide HSQ with the roadway cross section CAD files for their use in developing the drainage cross sections as well as roadway profile CAD files.

n. Landscape and Irrigation Design and Plans

- Attend additional progress meetings through the end of December 2025 due to extended schedule.
- Coordination meetings with Kimley-Horn, municipalities, lighting and arborist consultants.
- Preparation of plans in accordance with the project phases to account for change in typical section.
- Preparation of adjusted alignment landscape plans
- Existing tree survey and assessment revisions of relocation based on new alignment.
- Revision to tree permit plans based on new alignment.

- On-going coordination emails and phone calls for new alignment.
- O. Lighting and Electrical Design and Plans
 - Lighting Design
 - Update photometric calculations, lighting design, lighting plans, lighting details and riser diagrams.
 - Update voltage drop and electrical service calculations.
 - Electrical Design
 - Update electrical design plans for irrigation pump states and signalization electrical services.
 - Update electrical details and riser diagrams.
 - Attend additional progress meetings through the end of December 2025 due to extended schedule.

TASK 4 – ENVIRONMENTAL AND PERMITTING

The permit preparation and processing will entail segment B through South Florida Water Management District (SFWMD). Task includes:

Environmental Subconsultant will perform the following tasks:

- Coordinate and review engineering plans to determine impacts
- Review permit sketches
- Prepare SFWMD permit modification applications and respond to RAIs (up to 3)
 - Includes re-survey fieldwork
 - Includes modification to Land Use (FLUCCS) Map
 - Includes Permit Mod Memo and Cover Letter
 - RRS Submittal
 - Includes additional coordination
 - Includes Section A and C preparation
- Prepare USACE S404 Notification letter to document design change

- **Optional Service: Prepare USACE Permit Modification (as applicable) – due to potential S408 review concerns**
- Prepare Broward County Environmental Resource License (ERL) letter to document design changes
- Attend up to 3 other meetings (virtual) and coordination
 - Includes three meetings
 - Includes meeting minutes
 - Includes coordination
- Agency Coordination / Meetings
 - Ongoing project/agency coordination and Progress meetings

Drainage subconsultant will perform the following tasks:

- Agency Coordination / Meetings
- Coordinate & attend up to 3 SFWMD meetings.
- Respond to SFWMD permit modification RAIs (up to 3)
- Attend additional progress meetings through the end of December 2025 due to extended schedule.

Consultant does not guarantee the issuance of permits or approvals. If permits are issued for this project, the conditions and expiration dates are the sole responsibility of the City. Consultant is not responsible for extending time limited entitlements or permits. The City shall provide all permit fees.

ASSUMPTIONS

The following assumptions are made:

1. City's outside consultant is providing the wetland mitigation coordination and negotiations.
2. City has ownership of required right of way.
3. City and County reviews of submittals will be provided in a timely manner.
4. The City shall be responsible for the distribution of advertisement, RFIs and addendums.

Additional Services

Any services not specifically provided for in the above scope will be considered additional services and can be performed at our then current hourly rates or for a pre-negotiated fee.

Schedule

We will provide our services according to a mutually agreed upon schedule.

Fee and Billing

Kimley-Horn will perform the services in Tasks 1, 3 and 4 for the total lump sum labor fee, see attached fee estimate. Individual task amounts are informational only. All permitting, application, and similar project fees will be billed against the permit allowance task. Permitting fees that exceed the provided allowance will be paid directly by the Client.

Lump sum fees will be invoiced monthly based upon the overall percentage of services performed. Reimbursable expenses will be invoiced based upon expenses incurred. Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.

Total Amendment #2 Lump Sum.....\$298,840.00

Current budgets for the Bidding Assistance (Segments A, B and C) and Post Design (Segments B and C) are being allocated to account for the services included in this amendment. A summary of the reallocations is shown below.

Segment A Bidding Assistance Removal.....	\$-27,096.00
Segment B Bidding Assistance Removal.....	\$-16,823.00
Segment C Bidding Assistance Removal.....	\$-3,101.00
Segment B Post Design Removal.....	\$-90,386.00
Segment C Post Design Removal.....	\$-58,162.00
Total Remaining Amendment #2 Lump Sum.....	\$103,272.00

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CLOSURE

If you concur in the foregoing and wish to direct us to proceed with the services, please have authorized persons execute this Agreement in the spaces provided below, retain one copy and return the other to us. All provisions are in accordance with the terms and conditions of the consulting agreement between the City of Miramar and Kimley-Horn per the "Professional Services for the Pembroke Road Expansion RFQ# 21-08-35 and shall govern this agreement as applicable.

We appreciate this opportunity to submit a proposal. Please contact me if you have any questions at 561.840.0214.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC



Eric Regueiro, P.E.
Project Manager/ Vice President

Agreed to this ____ day of _____, 2025.

**City of Miramar
A Municipality**

By: _____

(Print or Type Name)

Title: _____

Official Seal:



City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025



Task No.	Description	Kimley-Horn	Craven Thompson	HSQ	CECOS	ASA	Cadence	Quantum	H2R	Task Total
		Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	
SEGMENT B Pembroke Rd - US-27 to 196th Ave										
TASK 1 Project Management										
	Meetings	\$ 7,415	\$ -	\$ -	\$ 2,820	\$ -	\$ 1,655	\$ -	\$ -	\$ 11,890
	Coordination	\$ 2,325	\$ -	\$ -	\$ 2,820	\$ -	\$ 2,255	\$ -	\$ -	\$ 7,400
	Contract Management	\$ 8,335	\$ -	\$ -	\$ 2,040	\$ -	\$ 1,175	\$ -	\$ -	\$ 11,550
TASK 3 Design										
	Horizontal Alignment Analysis	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000
	Vertical Alignment Analysis	\$ 4,630	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,630
	Intersection Design	\$ 7,830	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,830
	Cross Section Design	\$ 35,790	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,790
	Roadway Design and Plans									
	Redesign of Segment B	\$ 51,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,080
	Signing and Pavement Marking Design and Plans									
	Redesign of Segment B	\$ 6,160	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,160
	Opinion of Probable Construction Cost									
	Redesign of Segment B	\$ 25,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,320
	Drainage Design and Plans									
	Redesign of Segment B	\$ -	\$ -	\$ 42,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,770
	Landscape and Irrigation Design and Plans									
	Redesign of Segment B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,600	\$ -	\$ -	\$ 13,600
	Lighting Design and Plans									
	Redesign of Segment B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300	\$ -	\$ 4,300
	Electrical Design and Plans									
	Redesign of Segment B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300	\$ -	\$ 4,300



**City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025**



Task No.	Description	Kimley-Horn	Craven Thompson	HSQ	CECOS	ASA	Cadence	Quantum	H2R	Task Total
		Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	Labor Cost	
TASK 4	Permitting									
	Prepare SFWMD Permit Modification	\$ 2,990	\$ -	\$ -	\$ 9,890	\$ -	\$ -	\$ -	\$ -	\$ 12,880
	Prepare RAI responses (1/agency - environmental questions, 3 total)	\$ 4,005	\$ -	\$ 9,643	\$ 3,840	\$ -	\$ -	\$ -	\$ -	\$ 17,488
	Prepare USACE and BCERL Notification Letters		\$ -	\$ -	\$ 3,080	\$ -	\$ -	\$ -	\$ -	\$ 3,080
	Attend up to 3 other meetings (virtual) & coordination	\$ 3,660	\$ -	\$ 3,112	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ 10,272
	Direct Expenses									
	Permitting Fees Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
	Total Hours/Labor	\$ 163,540	\$ -	\$ 55,525	\$ 27,990	\$ -	\$ 18,685	\$ 8,600	\$ -	\$ 289,340
OPTIONAL SERVICES										
	Prepare USACE Permit Modifications	\$ 3,780.00	\$ -	\$ -	\$ 5,720.00	\$ -	\$ -	\$ -	\$ -	\$ 9,500.00
	Total Hours/Labor	\$ 3,780	\$ -	\$ -	\$ 5,720	\$ -	\$ -	\$ -	\$ -	\$ 9,500

TOTAL REQUESTED BUDGET \$ 298,840



**City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025**



Task No.	Description	Senior Professional II	Senior Professional I	Professional	Analyst	Senior Technical Support	Support Staff	Technical Staff	Prime Total Hours	Prime Labor Subtotal	Other Direct Costs	Total by Task
		\$295.00	\$230.00	\$180.00	\$135.00	\$140.00	\$105.00	\$110.00				
SEGMENT B Pembroke Rd - US-27 to 196th Ave												
TASK 1	Project Management											
	Meetings	5		8	24		12		49	\$ 7,415		\$ 7,415
	Coordination	3		8					11	\$ 2,325		\$ 2,325
	Contract Management (12 Months)	5		12	12	4	24		57	\$ 8,335		\$ 8,335
TASK 3	Design											
	Horizontal Alignment Analysis		8		16				24	\$ 4,000		\$ 4,000
	Vertical Alignment Analysis		8	2	18				28	\$ 4,630		\$ 4,630
	Intersection Design	2	8		40				50	\$ 7,830		\$ 7,830
	Cross Section Design	2	20	80	120				222	\$ 35,790		\$ 35,790
	Roadway Design and Plans								0	\$ -		\$ -
	Redesign of Segment B	8	48	96	120		40		312	\$ 51,080		\$ 51,080
	Signing and Pavement Marking Design and Plans								0	\$ -		\$ -
	Redesign of Segment B		8	24					32	\$ 6,160		\$ 6,160
	Opinion of Probable Construction Cost								0	\$ -		\$ -
	Redesign of Segment B	8	8	54	72		16		158	\$ 25,320		\$ 25,320
TASK 4	Permitting											
	Prepare SFWMD Permit Modification	2		4			16		22	\$ 2,990		\$ 2,990
	Prepare RAI responses (1/agency - environmental questions, 3 total)	3		6	12		4		25	\$ 4,005		\$ 4,005
	Attend up to 3 other meetings (virtual) & coordination	6		6	6				18	\$ 3,660		\$ 3,660
TASK 7	Direct Expenses											
	Permitting Fees Allowance								0	\$ -		\$ 15,000
	Total Hours/Labor	44	\$ 15,000	300	440	4	112	0	1,008	\$ 163,540	\$ -	\$ 178,540
									224	SEGMENT B Total Project		\$ 178,540



City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025



Subconsultant: HSQ

Task No.	Description	Chief Engineer 2	Senior Engineer 1	Senior Engineer2	Engineer 2	Senior Designer	Two-Man crew	Senior Surveyor	Survey tech	Prime Total Hours	Prime Labor Subtotal	Other Direct Costs	Total by Task	
		\$234.21	\$219.61	\$130.50	\$124.71	\$118.50	\$130.00	\$132.00	\$90.00					
SEGMENT B Pembroke Rd - US-27 to 196th Ave														
TASK 1	Project Management													
TASK 3	Design													
	Drainage Design and Plans									0	\$ -		\$ -	
	Redesign of Segment B	8	74	121	71					274	\$ 42,770		\$ 42,770	
TASK 4	Permitting													
	Prepare RAI responses (1/agency - environmental questions, 3 total)	8	18	13	17					56	\$ 9,643		\$ 9,643	
	Attend up to 3 other meetings (virtual) & coordination	3	4	6	6					19	\$ 3,112		\$ 3,112	
TASK 7	Direct Expenses													
	Direct Expenses									0	\$ -		\$ -	
	Total Hours/Labor	11	78	127	77	0	0	0	0	#REF!	\$ 55,525	\$ -	\$ -	
			\$ 15,000											
											SEGMENT B Total Project		\$ 55,525	



**City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025**



Subconsultant: CECOS ENVIRONMENTAL

Task No.	Description	Chief Scientist	Environmental Manager	Sr Env Specialist	Env Specialist	GIS Analyst	Senior Specialist - Noise	Support Staff	Prime Total Hours	Prime Labor Subtotal	Other Direct Costs	Total by Task
		\$255	\$170	\$130	\$105	\$105	\$200	1				
SEGMENT B Pembroke Rd - US-27 to 196th Ave												
TASK 1 Project Management												
	Meetings	4	6	6					16	\$ 2,820		\$ 2,820
	Coordination	4	6	6					16	\$ 2,820		\$ 2,820
	Contract Management	4	6						10	\$ 2,040		\$ 2,040
TASK 3 Design												
TASK 4 Permitting												
	Prepare SFWMD Permit Modification	10	14	22	12	8			66	\$ 9,890		\$ 9,890
	Prepare RAI responses (1/agency - environmental questions, 3 total)	4	8	8		4			24	\$ 3,840		\$ 3,840
	Prepare USACE and BCERL Notification Letters	4	6	8					18	\$ 3,080		\$ 3,080
	Attend up to 3 other meetings (virtual) & coordination	4	10	6					20	\$ 3,500		\$ 3,500
TASK 7 Direct Expenses												
	Direct Expenses								0	\$ -		\$ -
Total Hours/Labor		34	56	56	12	12	0	0	170	\$ 27,990	\$ -	\$ 27,990
									0	SEGMENT B Total Project		\$ 27,990

**City of Miramar Pembroke Road Extention Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025**

Subconsultant: CADENCE

Task No.	Description	Principal in Charge	Landscape Architect	Landscape Designer	Draftsperson	Administrative	Prime Total Hours	Prime Labor Subtotal	Other Direct Costs	Total by Task
		\$195.00	\$165.00	\$85.00	\$65.00	\$50.00				
SEGMENT B Pembroke Rd - US-27 to 196th Ave										
TASK 1 Project Management										
	Meetings	5		8			13	\$ 1,655		\$ 1,655
	Coordination	3	6	8			17	\$ 2,255		\$ 2,255
	Contract Management	5				4	9	\$ 1,175		\$ 1,175
TASK 3 Design										
	Landscape and Irrigation Design and Plans						0	\$ -		\$ -
	Redesign of Segment B	12	37	40	27		116	\$ 13,600		\$ 13,600
TASK 4 Permitting										
TASK 7 Direct Expenses										
	Direct Expenses						0	\$ -		\$ -
Total Hours/Labor		25	43	56	27	4	155	\$ 18,685	\$ -	\$ -
							SEGMENT B Total Project		\$ 18,685	
									\$ 15,000	

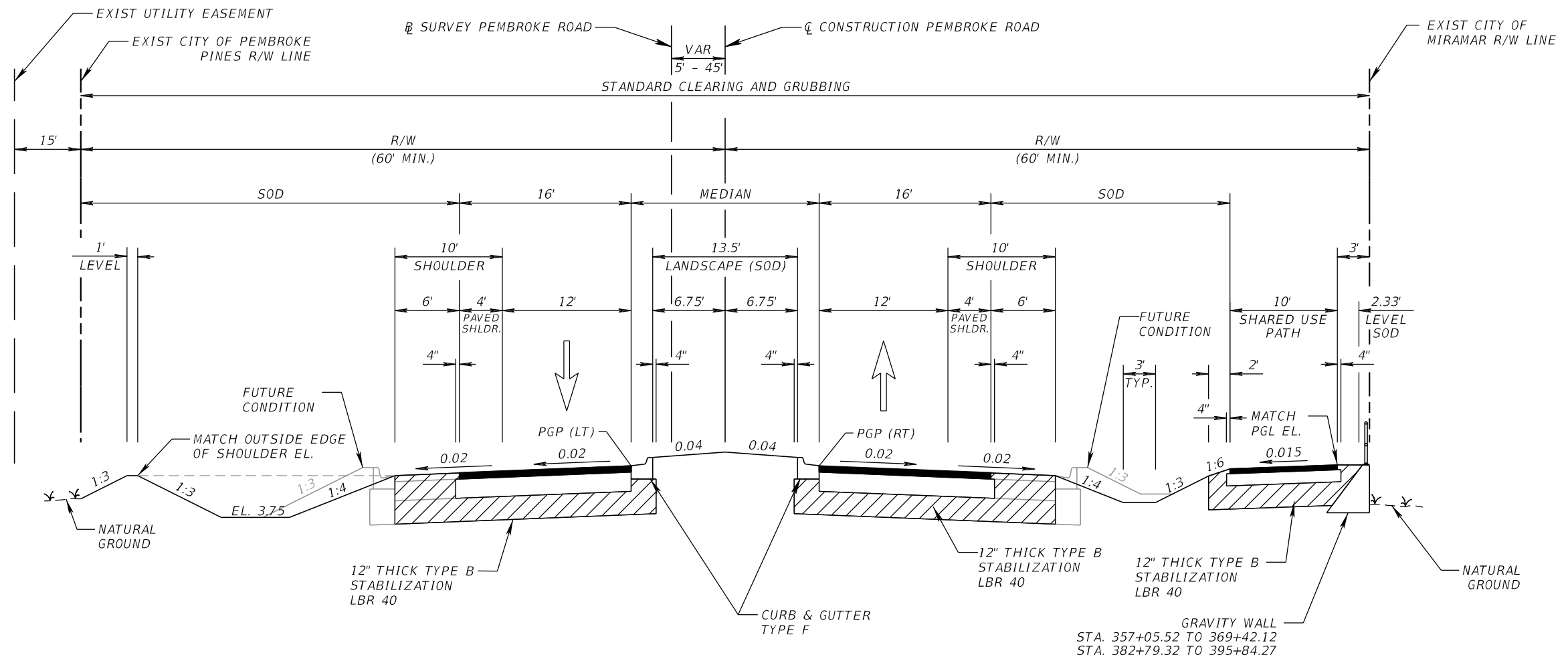


**City of Miramar Pembroke Road Extension Project
Maximum Billing Rates for Lump Sum Contract Items
October 13, 2025**



Subconsultant: Quantum

Task No.	Description	Senior Professional II	Senior Professional I	Professional	Analyst	Senior Technical Support	Support Staff	Technical Staff	Prime Total Hours	Prime Labor Subtotal	Other Direct Costs	Total by Task
SEGMENT B Pembroke Rd - US-27 to 196th Ave												
TASK 1 Project Management												
TASK 3 Design												
	Lighting Design and Plans								0	\$ -		\$ -
	Redesign of Segment B		20			20			40	\$ 4,300		\$ 4,300
	Electrical Design and Plans								0	\$ -		\$ -
	Redesign of Segment B		20			20			40	\$ 4,300		\$ 4,300
TASK 4 Permitting												
TASK 7 Direct Expenses												
	Direct Expenses								0	\$ -		\$ -
Total Hours/Labor		0	40	0	0	40	0	0	80	\$ 8,600	\$ -	\$ 8,600
		\$ 15,000						SEGMENT B Total Project		\$ 8,600		



TYPICAL SECTION
PEMBROKE ROAD SEGMENT B

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 0
 ESTIMATED OPENING YEAR = 2026 AADT = 4735
 ESTIMATED DESIGN YEAR = 2045 AADT = 7505
 K = % D = % T = 8.5% (24 HOUR)
 DESIGN HOUR T = %
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH

SHARED USE PATH
 OPTIONAL BASE GROUP 1 WITH
 AND TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

NEW CONSTRUCTION
 OPTIONAL BASE GROUP 11 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

REVISIONS DATE DESCRIPTION		Kimley»Horn Eric Regueiro, P.E. P.E. License No. 86211 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411	MAP Broward Mobility Advancement Program Brought to you by the Penny For Transportation	CITY OF MIRAMAR ENGINEERING & STRATEGIC DEVELOPMENT			TYPICAL SECTION	SHEET NO. 19
				ROAD NAME PEMBROKE ROAD	COUNTY BROWARD	CITY PROJECT ID MIRA 001-004		

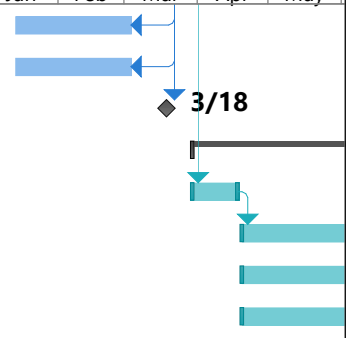
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

ID	Task Name	Duration	Start	Finish	Predecessors	Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025			Qtr 3, 2025			Qtr 4, 2025			Qtr 1, 2026			Qtr 2, 2026	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Pembroke Road Design (All Segments)	991 days	Thu 8/18/22	Tue 6/23/26																					
2	30% Plan Phase	122 days	Thu 8/18/22	Fri 2/3/23																					
10	60% Plan Phase	115 days	Mon 12/19/22	Fri 5/26/23																					
16	Permitting	275 days	Mon 12/19/22	Tue 1/9/24																					
25	Permit Plans	50 days	Wed 1/17/24	Tue 3/26/24																					
29	Permitting (cont.)	506 days	Wed 3/27/24	Wed 3/18/26																					
30	Broward County Drainage Permitting/RAI (cont.)	105 days	Wed 3/27/24	Thu 8/22/24	26,27,28																				
31	Broward County Environmental Permitting/RAI (cont.)	105 days	Wed 3/27/24	Thu 8/22/24	26,27,28																				
32	Submit Permit Package to SFWMD (cont.)	195 days	Wed 3/27/24	Mon 12/30/22	26,27,28																				
33	SFWMD Permit Comment Resolution	60 days	Fri 6/13/25	Mon 9/8/25	30,32,31																				
34	Submit Permit Package to SBDD	1 day	Tue 12/23/25	Tue 12/23/25	49,56																				
35	SBDD Permit Comment Resolution	60 days	Wed 12/24/25	Wed 3/18/26	34																				
36	US Army Corps of Engineers Permitting	436 days	Tue 2/20/24	Fri 10/31/25																					
37	Notice of Requirement for Army Corps Permitting	1 day	Tue 2/20/24	Tue 2/20/24																					
38	Pre-Application Meeting with Army Corps	1 day	Wed 2/21/24	Wed 2/21/24	37																				
39	Amendment #2 Approval (NTP)	111 days	Thu 2/22/24	Mon 7/29/24	38																				
40	Prepare US Army Corps of Engineers Permit Package	18 days	Tue 7/30/24	Thu 8/22/24	39																				
41	Submit Permit Package to US Army Corps of Engineers	83 days	Fri 8/23/24	Thu 12/19/24	40																				
42	Permit Comment Resolution	222 days	Fri 12/20/24	Fri 10/31/25	41																				
43	90% Plan Phase (Segment A and C)	105 days	Fri 7/18/25	Mon 12/15/25																					
44	Prepare 90% Plans	89 days	Fri 7/18/25	Thu 11/20/25	33SS+10 days																				
45	Joint Utility Coordination and Conflict Resolution Meeting	5 days	Mon 10/6/25	Fri 10/10/25	44SS+40 days																				
46	Drainage Plan Submittal to KH (by subs)	49 days	Tue 9/2/25	Fri 11/7/25	44FF-15 days																				
47	Component Plan Submittal to KH (by subs)	35 days	Tue 9/2/25	Mon 10/20/24	44FF-23 days																				
48	Technical Specifications Draft	39 days	Wed 9/10/25	Mon 11/3/25	44FF-13 days																				
49	Submit 90% Plans, Specifications and OPC	1 day	Fri 11/21/25	Fri 11/21/25	44,45,46,47,48																				
50	<i>City Reviews of 90% Plans (Miramar and Pines)</i>	15 days	Mon 11/24/25	Mon 12/15/24	49																				
51	90% Plan Phase (Segment B)	126 days	Wed 10/1/25	Fri 3/27/26																					
52	Amendment #3 Approval (NTP)	1 day	Wed 10/1/25	Wed 10/1/25																					
53	Prepare 90% Plans	99 days	Thu 10/2/25	Thu 2/19/26	52																				
54	Drainage Plan Submittal to KH (by subs)	74 days	Thu 10/16/25	Thu 1/29/26	53FF-15 days																				
55	Component Plan Submittal to KH (by subs)	79 days	Thu 10/16/25	Thu 2/5/26	53FF-10 days																				
56	Submit 90% Plans and OPC	1 day	Fri 2/20/26	Fri 2/20/26	53,54,55																				
57	<i>City Reviews of 90% Plans (Miramar and Pines)</i>	25 days	Mon 2/23/26	Fri 3/27/26	56																				
58	100% Plan Phase (Segment A and C)	66 days	Tue 12/16/25	Wed 3/18/26																					
59	Comment Resolution	20 days	Tue 12/16/25	Tue 1/13/26	50																				
60	Prepare 100% Plans	45 days	Wed 1/14/26	Tue 3/17/26	59																				

Project: Draft Pembroke Road Design
Date: Wed 9/24/25

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			

ID	Task Name	Duration	Start	Finish	Predecessors	Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025			Qtr 3, 2025			Qtr 4, 2025			Qtr 1, 2026			Qtr 2, 2026	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
61	Drainage Plan Submittal to KH (by subs)	35 days	Wed 1/14/26	Tue 3/3/26	60FF-10 days																				
62	Component Plan Submittal to KH (by subs)	35 days	Wed 1/14/26	Tue 3/3/26	60FF-10 days																				
63	Submit 100% Plans and Specifications	1 day	Wed 3/18/26	Wed 3/18/26	60																				
64	100% Plan Phase (Segment B)	61 days	Mon 3/30/26	Tue 6/23/26																					
65	Comment Resolution	15 days	Mon 3/30/26	Fri 4/17/26	57																				
66	Prepare 100% Plans	45 days	Mon 4/20/26	Mon 6/22/26	65																				
67	Drainage Plan Submittal to KH (by subs)	35 days	Mon 4/20/26	Mon 6/8/26	66FF-10 days																				
68	Component Plan Submittal to KH (by subs)	35 days	Mon 4/20/26	Mon 6/8/26	66FF-10 days																				
69	Submit 100% Plans	1 day	Tue 6/23/26	Tue 6/23/26	66																				



Project: Draft Pembroke Road D Date: Wed 9/24/25	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			