

TO: PROSPECTIVE BIDDERS HOLDING PLANS AND SPECIFICATIONS FOR
CITY OF RALEIGH CONTRACT ES 2023-04

RE: FY23 TRAFFIC CALMING AND WILD WOOD FOREST ELEMENTARY SCHOOL SIDEWALK
PROJECTS ADDENDUM NO. 2

The following changes and clarifications are applicable to the referenced project and are now a part of its contract documents. Where any article, division, or subparagraph of the original contract documents or other addenda is supplemented herein, the provisions of the original documents shall remain in effect. All the supplemental provisions shall be considered as added thereto. Where any such article, division, or subparagraphs are amended, voided, or superseded thereby, the provisions of such article, division, or subparagraph not so specifically amended, voided, or superseded shall remain in effect.

The attention of each contractor is called to the following clarifications, additions to, and changes in the plans sealed January 02, 2024, and specifications and contract documents sealed on January 17, 2024, for the above project. It will be the responsibility of each contractor to call such clarifications, additions, and changes in plans and specifications to the attention of subcontractors concerned. The City in no way assumes any responsibility for notifying any subcontractor, material dealers, or others not having received the original contract documents.

Item 1: Revised Plans for FY23 Traffic Calming Project:

Mackinac Island Plan has been updated to show 2 signs added on sheet # 24.
Sierra Dr Plan has been updated to show 26 sharrows added on the Plan.

Item 2: Revised Bid items for FY23 Traffic Calming Project:

- **Thermoplastic Pavement Bicycle Symbol (90 MILS) Sharrows: 251 Each.**
- **Contractor Furnished Sign (Per location): 169 Each**

Item 3: Questions / Comments received, and Answered:

Question: Are there sharrows or speed hump ahead signs to be installed on Peterson Street?

Answer: *Signs exist in the field, no addition signing necessary. There are temporary bolt down speed cushions along Peterson St. - Sharrows are not being added.*

Question: It seems that on some of the roads there doesn't appear to have speed hump warning signs on both sides of the speed hump. Here are the streets we find that fall into this category. On Dixie Trail possibly 2 speed hump ahead signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed.*

Question: Slippery Elm Dr Possibly 4 speed hump ahead signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Wild Wood Way one of the four entrances to the round a bout are missing markings

Answer: *Eastbound entrance to traffic circle is a private street and not public right-of-way, no marking requirement*

Question: On Quail Ridge Road possibly 8 Speed Hump Ahead signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Mackinac Island Lane possibly 6 Speed Hump Ahead Signs are missing

Answer: *2 speed hump with ahead advisory plaque signs are missing on page 24 and will be added on the plan.*

Question: On Mine Shaft Rd possibly 4 Speed Hump Ahead Signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Willow Oak Rd possibly 2 speed hump ahead signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Dixon Dr Possibly 4 Speed Hump Ahead Signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Country Trail possibly 4 speed hump signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Thorpshire possibly 6 Speed Hump Signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Jacqueline Lane Possibly 6 speed hump ahead signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: On Bertie Drive possibly 6 Speed Hump Ahead Signs are missing

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: and on White Oak Road Possibly 10 Speed Hump Ahead Signs are missing.

Answer: *All stretches appear to be marked; no additional signs identified as being needed*

Question: Here are some street locations that may need sharrows and/or bike lanes according to the shared lane spec we find in the drawings.

Thorpshire is about 38' wide and does not have existing bike lanes or sharrows on the road from google earth.

Answer: *Sharrows/Bike Lanes are not being proposed on this street*

Question: Sierra Dr is about 38 ' wide and does not have existing bike lanes or sharrows on the road from google earth

Answer: *26 sharrow markings are missing on this street and will be added on the plan.*

Question: Dixon Dr is about 33' across the road and does not have existing bike lanes or sharrows on the road from google earth

Answer: *Sharrows/Bike Lanes are not being proposed on this street*

Question: Mine Shaft Rd is about 35' wide and does not have existing bike lanes or sharrows on the road from google earth

Answer: *Sharrows/Bike Lanes are not being proposed on this street*

Question: Wild Wood Forest Dr is about 36' wide and does not have existing bike lanes or sharrows on the road from google earth

Answer: *Sharrows/Bike Lanes are not being proposed on this street*

Question: and Slippery Elm Dr is about 36' wide and does not have existing bike lanes or sharrows on the road from google earth.

Answer: *Sharrows/Bike Lanes are not being proposed on this street*

Question: Historically there have been damage to signs during construction including theft, vandalism, and vehicular negligence. Can you please clarify the contractor and City responsibility as to replacement of damaged signs that are out of the contractor's control?

Answer: *It is the contractor's responsibility to protect the work until the City has accepted the project.*

Question: If the contractor cannot be compensated for replacement until the project is completed, would the City consider inspection and approval for each roadway separately as they are completed?

Answer: *The City will issue one acceptance letter for the project. Each roadway will not be accepted separately.*

Item 4: Attachments:

- Revised Mackinac Island Ln Plan sheet # 24 and Sierra Dr Plan.
- Revised Unit Price Bid Schedule for FY23 Traffic Calming Project and Wild Wood Forest ES Sidewalk Project.

UNIT PRICE BID SCHEDULE

ITEMIZED PROPOSAL / SCHEDULE OF PRICES						
2023 Traffic Calming Projects						
Speed Humps, Speed Cushions, Speed Tables, Traffic Circles, Chicanes, Pavement Marking, & Signage						
Item No.	Sect No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
MOBILIZATION, CLEARING, EARTHWORK AND REMOVAL						
TC-01	NCDOT 800	Mobilization (Max = 5% of Bid)	LS	1		
TRAFFIC CONTROL, PAVEMENT MARKINGS AND SIGNAGE						
TC-02	COR 14000	Temporary Traffic Control	LS	1		
TC-03	COR 15000	Thermoplastic Pavement Marking Lines (4", 90 MILS)	LF	21,355		
TC-04	COR 15000	Thermoplastic Pavement Marking Lines (8", 90 MILS)	LF	740		
TC-05	COR 1500	Thermoplastic Pavement Marking Lines (24", 90 MILS)	LF	910		
TC-06	COR 15000	Thermoplastic Pavement Bicycle Symbol (90 MILS)/Bike Marker & Arrows	EA	15		
TC-07	COR 15000	Thermoplastic Pavement Bicycle Symbol (90 MILS) / Sharrows	EA	251		
TC-08	COR 15000	Removal of Existing Pavement Marking Lines	LF	150		
TC-09	COR 15000	Flexible Delineators / Tubular Markers	EA	56		
PROJECT SPECIAL PROVISIONS - ROADWAY, PERMANENT SIGNAGE and TRAFFIC CALMING						
TC-10	COR 19000	Chicane Monolithic Concrete Island	EA	3		
TC-11	COR 19000	Traffic Circle Monolithic Concrete Island W/Pavement Markings	EA	9		
TC-12	COR 19000	Speed Hump W/required Markings	EA	40		
TC-13	COR 19000	Speed Cushion (3 wide) W/required Markings	EA	32		
TC-14	COR 19000	Speed Cushion (4 wide) W/ required Markings	EA	24		
TC-15	COR 19000	Speed Table W/ required Markings	EA	5		
TC-16	COR19000	Concrete Curb Ramp	EA	1		
TC-17	COR 19000	Contractor Furnished Sign (Per Location)	EA	169		
TC-18	COR 19000	Water Valve Adjustment	EA	8		
TC-19	COR 19000	Manhole adjustment	EA	8		
TC-20	COR 19000	Removal of Existing speed cushions	EA	3		
			Subtotal			
		Contingency - 10 % of Total Bid Amount	LS	1		
			Grand Total Bid Amount			

TOTAL BID PRICE FY23 Traffic Calming Project

(Sum of Items 1 through _20_) \$ _____

ITEMIZED PROPOSAL / SCHEDULE OF PRICES						
Wild Wood Forest Elementary School Sidewalk Project						
Construction of approximately 695 feet of sidewalk						
Item No.	Sect No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
MOBILIZATION, CLEARING, EARTHWORK AND REMOVAL						
WWF-01	NCDOT 800	Mobilization (Max = 5% of Bid)	LS	1		
WWF-02	COR 03000	Select Tree Removal	EA	3		
WWF-03	COR 03000	Tree Trimming	EA	6		
WWF-04	COR 04000	Unclassified Excavation	CY	137		
WWF-05	COR 04000	Fine Grading	SY	410		
TRAFFIC CONTROL, PAVEMENT MARKINGS AND SIGNAGE						
WWF-06	COR 07000	2'-6" Concrete Curb and Gutter	LF	75		
WWF-07	COR 07000	4" Concrete Sidewalk	SY	410		
WWF-08	COR 07000	Concrete Curb Ramps	EA	7		
WWF-09	NCDOT 852.01	5" Monolithic Concrete Island	SY	20		
TRAFFIC CONTROL, PAVEMENT MARKINGS AND SIGNAGE						
WWF-10	COR 14000	Temporary Traffic Control	LS	1		
WWF-11	COR 15000	Thermoplastic Pavement Marking Lines (24", 90 MILS)	LF	240		
WWF-12	COR 15000	Removal of Existing Pavement Marking Lines	LF	40		
EROSION CONTROL, TURF GRASSES, AND STORMWATER MANAGEMENT						
WWF-13	COR 16000	Tree Protection Fence	LF	820		
WWF-14	COR 16000	Inlet Protection	EA	4		
WWF-15	COR 17000	Permanent Lawn Seeding and Mulching	AC	0.31		
PROJECT SPECIAL PROVISIONS - TRAFFIC SIGNALS						
WWF-16	COR 19000	Contractor Furnished Sign (Per Location)	EA	12		
WWF-17	COR 19000	Relocate Sign	EA	2		
					Subtotal	
		Contingency - 10 % of Total Bid Amount				
					Grand Total Bid Amount	

TOTAL BID PRICE for Wildwood Forest Elementary Sidewalk Improvement Project
(Sum of Items 1 through _17_) \$ _____

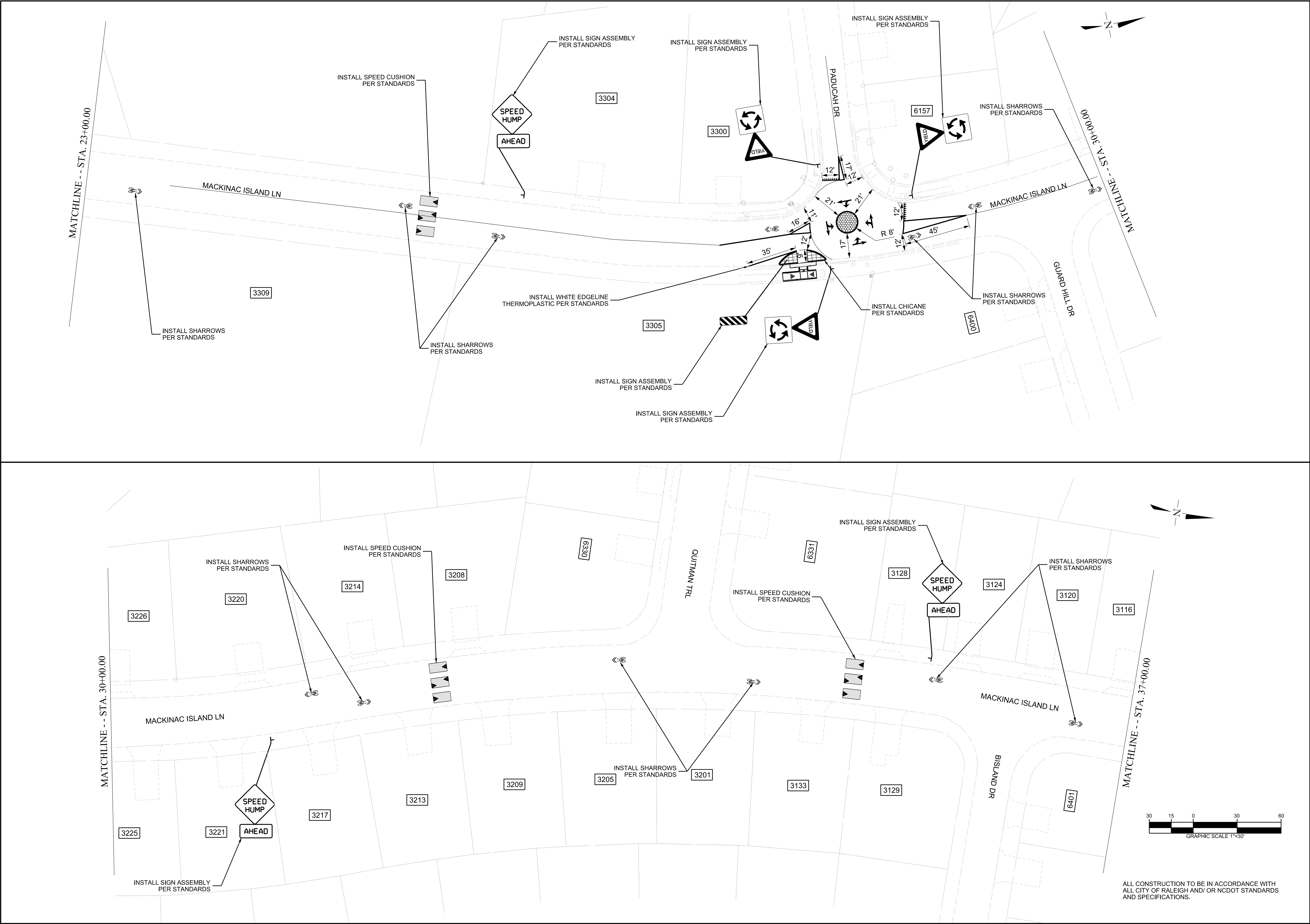
Total Bid Price for both the Wildwood Forest Elementary School Sidewalk Improvement Project & FY23 Traffic Calming Project

\$ _____


5.02 Bidders are hereby notified that GS 143-128(d), requires all bidders on single prime projects to identify on their Bid form the contractors they have selected for the subdivisions for branches of work for (1) HVAC, (2) Plumbing, (3) Electrical, and (4) General. Accordingly, bidder shall list below applicable selected contractors for the following branches of work (write "N/A" if not applicable or self-performed).

HVAC _____	_____
Name	License No.
Plumbing _____	_____
Name	License No.
Electrical _____	_____
Name	License No.
General _____	_____
Name	License No.


- A. Unit Prices have been computed in accordance with Paragraph 13.03.B of the General Conditions.
- B. Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.
- C. Bidder acknowledges that the rights of the Owner and the recommendations of the Engineer are not to be questioned in the Award of Contracts.
- D. Bidder acknowledges that it is the intention of the Mayor and City Council to let contracts on a basis of the Bids received in accordance with GS 143-129 and in such manner as they deem to be for the best interests of the Owner.
- E. Bidder acknowledges that the Owner reserves the right to accept or reject any or all bids and to waive any informalities in the bidding.
- F. Bidder acknowledges that should the total bid exceed the funds available to construct the project, the Owner reserves the right to reduce the scope of work from the project by deleting certain lump sum or unit price bid items prior to awarding the contract to bring the project within the funds available.
- G. Bidder acknowledges that if this contract is awarded, Bidder must, with every pay request, furnish to the Public Utilities Director of the City of Raleigh an accurate itemized statement of North Carolina Sales Taxes paid on materials, supplies, equipment, and other items charged to this contract, and otherwise fully comply with the "Procedure for Reporting North Carolina Sales Tax Expenditures.". A sales tax form must be submitted even if there is no sales tax incurred.
- H. Bidder agrees to begin work within 10 days from the date of the Notice to Proceed.



CITY OF RALEIGH
ENGINEERING SERVICES
DEPARTMENT



2/21/2024
NORTH CAROLINA
PROFESSIONAL
SEAL
031438
JACOB W. WILKINSON
ENGINEER



PLAN SHEET

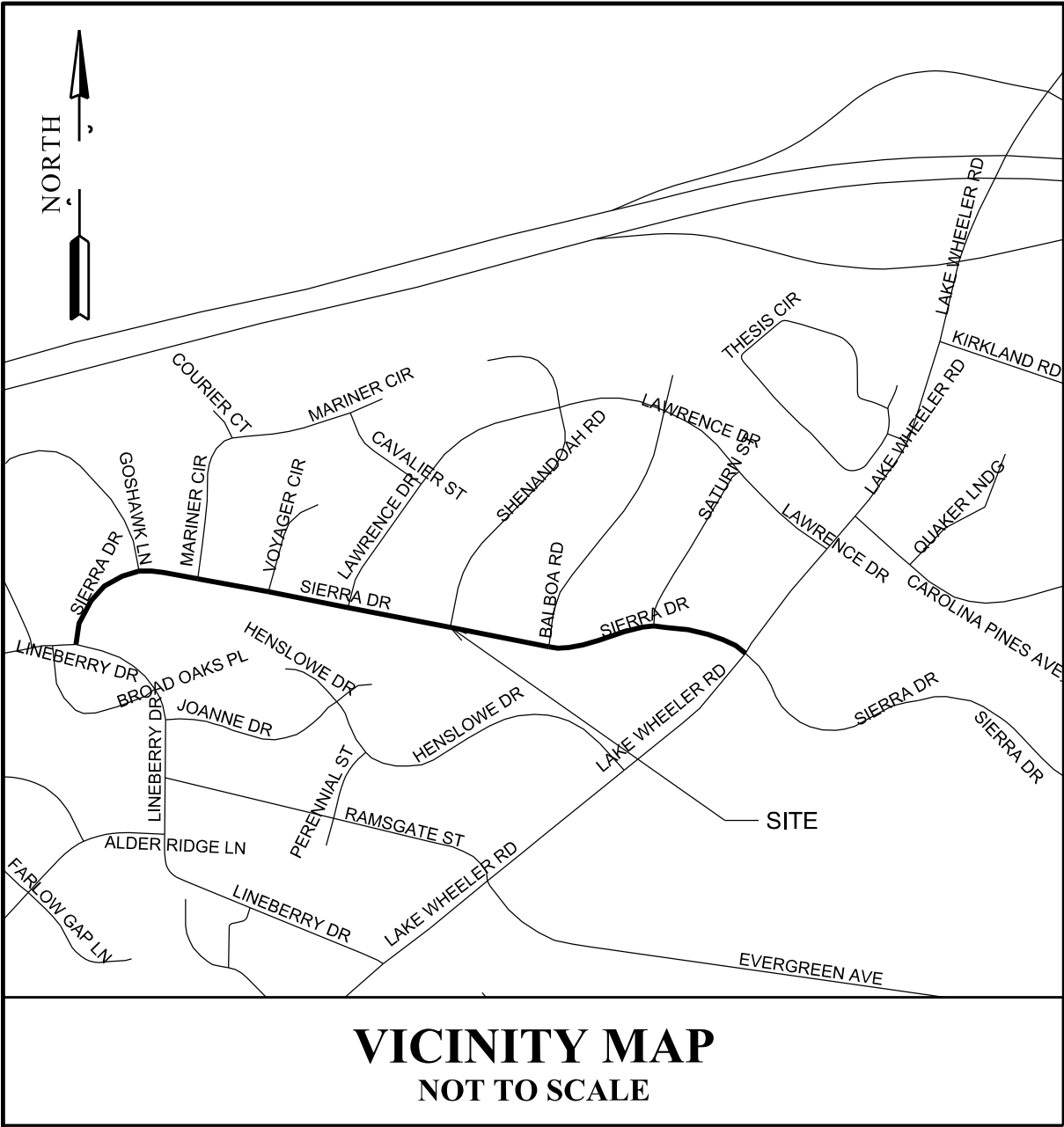
MACKINAC ISLAND LANE
TRAFFIC CALMING PROJECT
FROM MONCACY DRIVE
TO BARRINGTON DRIVE

DATE: 1/12/2023
CADD TECH: EMM
CHECKED BY: JUN

REVISIONS
NO. DATE

SCALES
HSCALE 1"=30'
VSCALE
SHEET NO.

24



VICINITY MAP
NOT TO SCALE

THE CITY OF RALEIGH

ENGINEERING SERVICES DEPARTMENT

TRAFFIC CALMING PROJECT

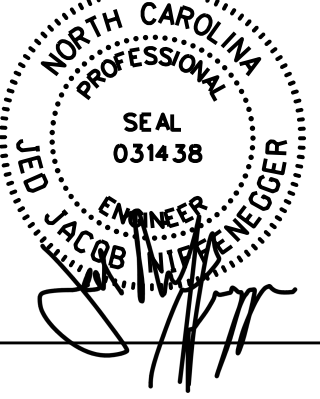
SIERRA DRIVE

PROJECT LIMITS: FROM LINEBERRY DRIVE
TO LAKE WHEELER ROAD

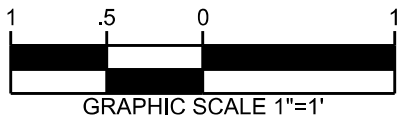
PROJECT REFERENCE NUMBER: ES 2023-04

PROJECT DESIGN ENGINEER
EDDY MUMPASI
CIVIL TRAFFIC ENGINEER
JED NIFFENEGGER, PE

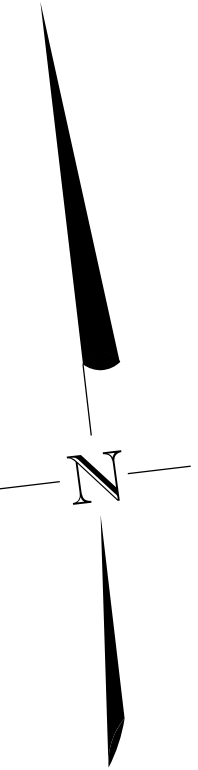
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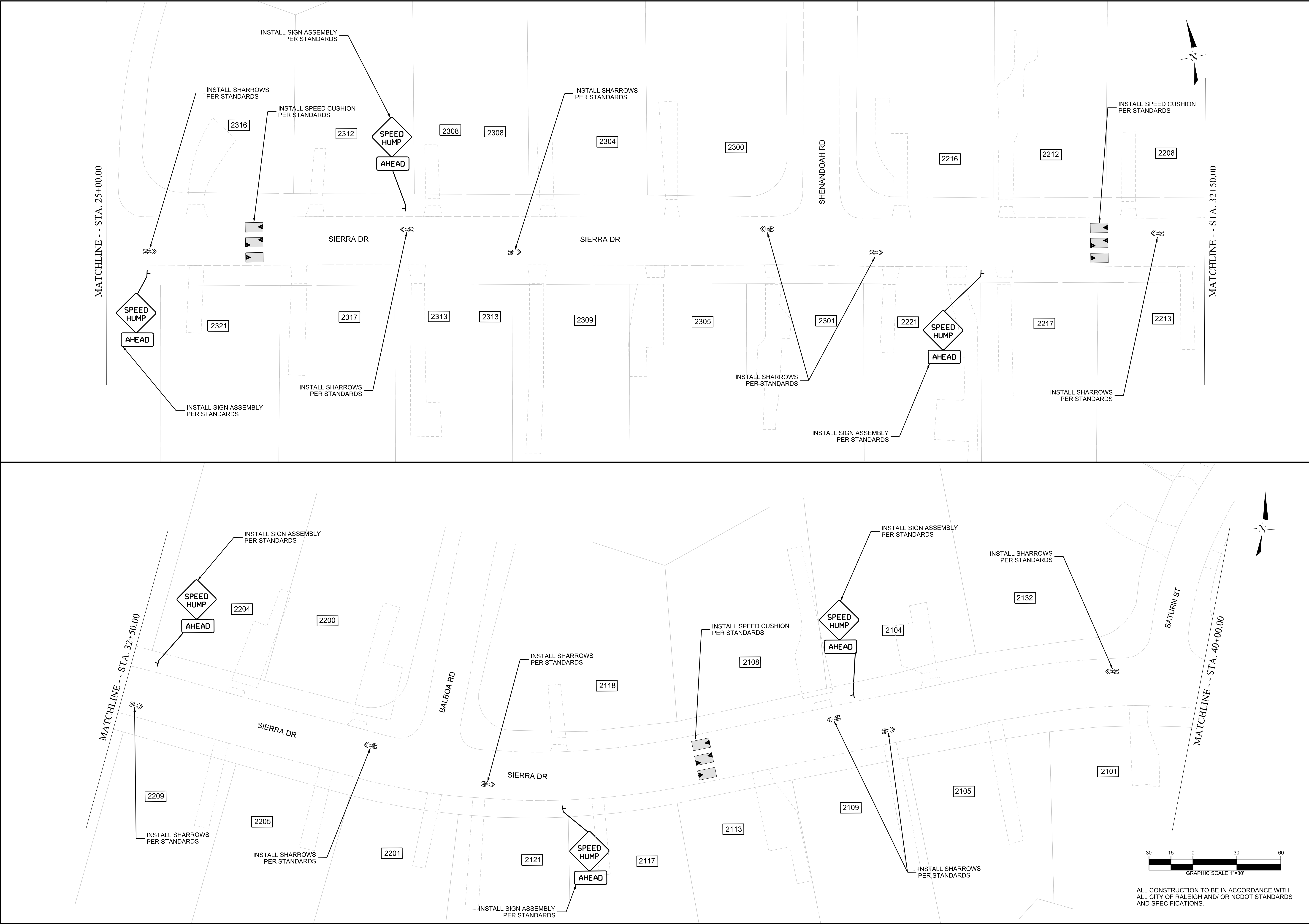


GRAPHIC SCALE

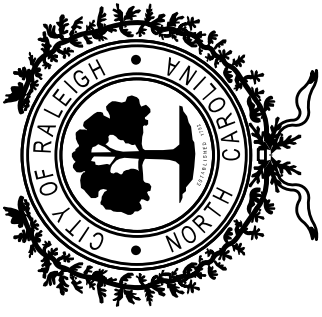


PLANS

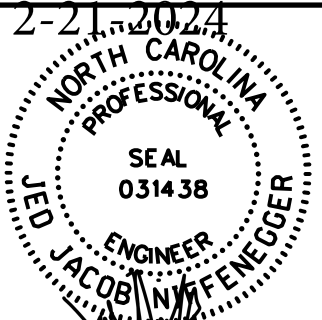





CITY OF RALEIGH
ENGINEERING SERVICES
DEPARTMENT



2-21-2024



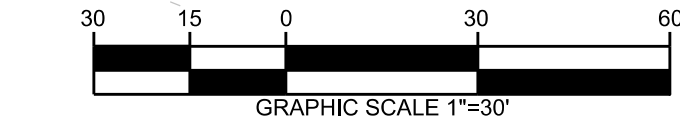
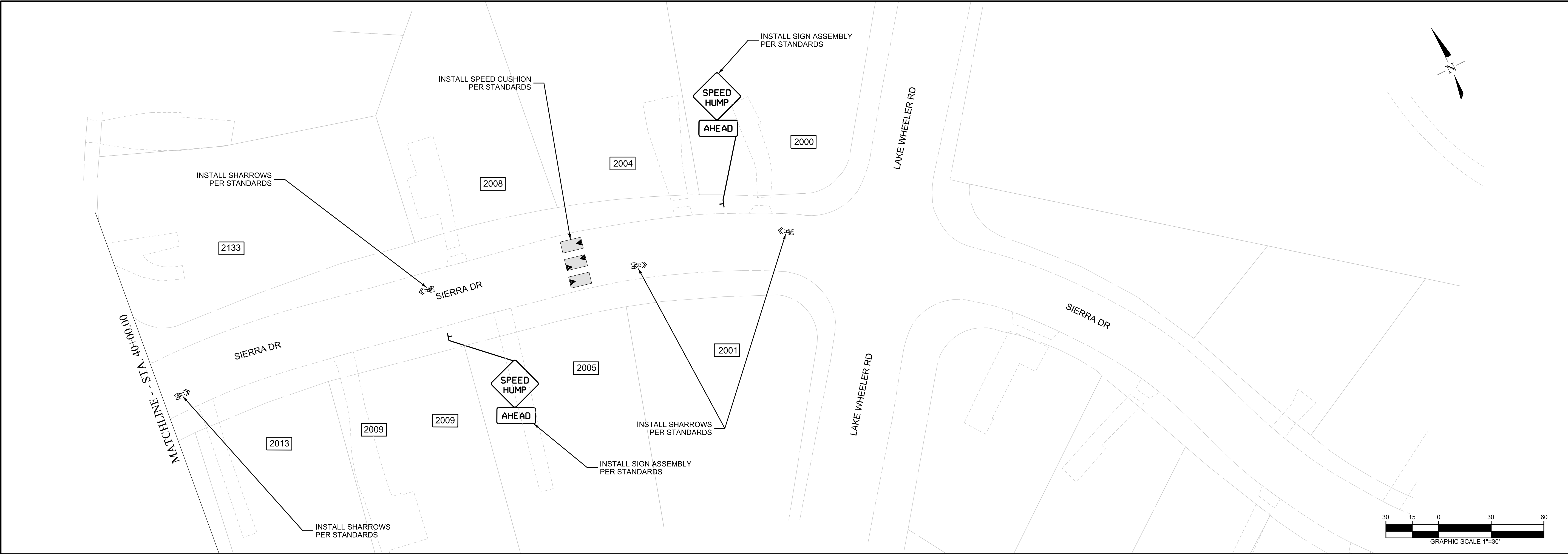


PLAN SHEET

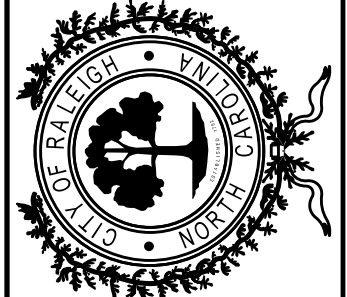
SIERRA DRIVE
TRAFFIC CALMING PROJECT
FROM LINEBERRY DRIVE
TO LAKE WHEELER ROAD

DATE: 11/2023	
CADD TECH: EMM	
CHECKED BY: JUN	
REVISIONS	
NO.	DATE
SCALES	
HSCALE	1"=30'
VSCALE	
SHEET NO.	

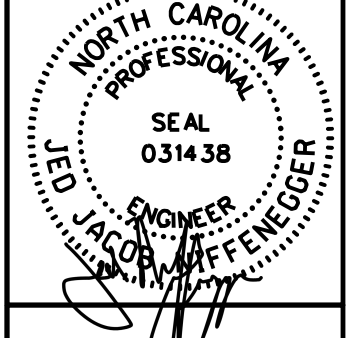
36



CITY OF RALEIGH
ENGINEERING SERVICES
DEPARTMENT



2-21-2024



SEAL
031438
JASON M. HOPPER
PROFESSIONAL ENGINEER

PLAN SHEET

SIERRA DRIVE
TRAFFIC CALMING PROJECT
FROM LINEBERRY DRIVE
TO LAKE WHEELER ROAD

DATE: 11/2023

CADD TECH: EMM

CHECKED BY: JUN

REVISIONS

NO.	DATE

SCALES

HSCALE 1"=30'

VSCALE

SHEET NO.

37

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH
ALL CITY OF RALEIGH AND/ OR NCDOT STANDARDS
AND SPECIFICATIONS.