

FY24 TRAFFIC CALMING, FY24 NEIGHBORHOOD BIKEWAY & SOUTH STATE STREET CYCLE TRACK
PROJECTS

TO: ALL PROSPECTIVE BIDDERS HOLDING PLANS AND SPECIFICATIONS FOR
CITY OF RALEIGH CONTRACT ES 2025-01

RE: ADDENDUM NO. 1 - FY24 TRAFFIC CALMING, FY24 NEIGHBORHOOD BIKEWAY & SOUTH
STATE STREET CYCLE TRACK PROJECTS.

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 Where any such article, division, or subparagraphs are amended, voided, or superseded thereby, the provisions of such article, division, or subparagraph not so specifically amended, voided, or superseded shall remain in effect.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 February 3, 2025, and specifications and contract documents sealed on March 14, 2025, 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: Pre-Bid Conference Agenda Notes:

Attached are the agenda notes and sign-in sheet from the Pre-Bid meeting held on 3/11/2025.

Item 2: Revised Bid Form: Article 5 – Basis of Bid

Revised line-item Line item #27, **Temporary Pavement Markings, Chevrons with Quantity 214 to Temporary Pavement Markings, Chevrons/Traffic Circle with Quantity 217.** (Section 5.01, Page 00410-6)

Item 3: Revised Project Special Provisions

Revised language from **All traffic signs shall be installed and covered prior to installing speed hump/cushion/table** to **All traffic signs shall be installed and covered prior to installing speed hump/cushion/table/traffic circle.** (Section 8, Page 19000-2)

Revised language from **Pavement markings shall be installed as needed and at full size per plans immediately following the installation of the speed hump/cushion/table** to **Pavement markings shall be installed as needed and at full size per plans immediately following the installation of the speed hump/cushion/table/traffic circle.** (Section 8, Page 19000-2)

Revised language from **All permanent markings to delineate a speed hump/cushion/table shall be installed within 14 calendar days of their installation excepting seasonal restriction periods** to **All permanent markings to delineate a speed hump/cushion/table/traffic circle shall be installed within 14 calendar days of their installation excepting seasonal restriction periods.** (Section 8, Page 19000-3)

Item 4: Questions and Answers During Pre-Bid:

Question: Is there a last day for question(s)?

Answer: *Wednesday, March 26, 2025*

Question: Is there a line item for temporary pavement markings?

Answer: *Yes, there is a line item: Temporary Pavement Markings, Chevrons/Traffic Circle*

FY24 TRAFFIC CALMING, FY24 NEIGHBORHOOD BIKEWAY & SOUTH STATE STREET CYCLE TRACK
PROJECTS

Question: Is the line item for temporary pavement markings just for the chevrons?

Answer: The temporary pavement markings include chevrons and traffic circles.

Question: Will Raleigh pay for temporary pavement markings outside of the chevrons?

Answer: COR will process a one-time payment for temporary markings for chevrons and traffic circles.

Item 5: Attachments:

- Pre-Bid Conference Agenda Notes and sign-in sheet.
- Revised Bid form – Basis of Bid (page 00410-6)
- Revised Special Provisions (page 19000-2 – 19000-3)

**FY24 TRAFFIC CALMING, FY24 NEIGHBORHOOD BIKEWAY & SOUTH STATE
STREET CYCLE TRACK PROJECTS
ES 2025-01**

**Pre-Bid Conference Agenda
March 11, 2025, 2 PM**

Pre-Bid Sign In: Please complete your information on the sign-in sheet.

Project Overview/Scope of Work: The project involves 19 locations: Brookhaven Drive, Deboy Street, East Martin Street, Fairway Drive, Grove Barton Road, Hunting Ridge Road, Kilcullen Drive, Lake Forest Drive, Longstreet Drive, Mackinac Island Lane – South, McGuire Drive, Milburnie Road – East, North Bend Drive, Saint George Road, Willow Oak Road – West, Bart Street, South State Street (Traffic Calming & Cycle Track), Dandridge Drive, Watauga Street. Each location consists generally of the major items as follows:

Brookhaven Drive (From Glenwood Avenue to Rembert Drive):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 27 Shared-lane markings/Sharrows, 5 speed cushions (2-wide) with associated chevrons, thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Deboy Street (From Western Boulevard to Huntingdon Drive):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 4 speed cushions (3-wide) with associated chevrons, traffic signages, traffic control, and other pertinent items.

East Martin Street (From Chavis Way to South State Street):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 1 speed cushion (4-wide) with associated chevrons, 3 temporary traffic circles, 32 tubular markers, thermoplastic pavement markings (White, Yellow), traffic signages, and traffic control.

Fairway Drive/Suffolk Boulevard (From Tryon Road to Carolina Pines Avenue):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 41 Shared-lane markings/Sharrows, 6 speed cushions (3-wide) with associated chevrons, traffic control and other pertinent items.

Grove Barton Road (From Pinecrest Road to Doie Cope Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 1 Shared-lane marking/Sharrow, 5 speed humps with associated chevrons, 33 tubular markers, Thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Hunting Ridge Road (From Lone Oak Place to Litchford Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 9 speed tables with associated chevrons, Thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Kilcullen Drive (From Green Road to New Hope Church Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 24 Shared-lane markings/Sharrows, 4 speed cushions (2-wide) with associated chevrons, Thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Lake Forest Drive (From Falls of Neuse Road to Van Thomas Drive):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 3 speed humps with associated chevrons, traffic signages and traffic control.

Longstreet Drive (From Sawmill Road to Six Forks Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 5 speed cushions (4-wide) with associated chevrons, 1 speed hump with associated chevrons, 4 tubular markers, thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Mackinac Island Lane – South (From Battle Bridge Road to Marshlane Way):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 34 Shared-lane markings/Sharrows, 5 speed cushions (3-wide) with associated chevrons, 2 traffic circles, thermoplastic pavement markings (White & Yellow), 2 manholes and 3 water valves adjustments, traffic signages, traffic control and other pertinent items.

McGuire Drive (From Perry Creek Road (North) to Perry Creek Road (South)):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 8 speed humps with associated chevrons, thermoplastics pavement markings (white), traffic signages, traffic control and other pertinent items.

Milburnie Road – East (From Chatham Lane to Shanta Drive):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 8 speed tables with associated chevrons, thermoplastics pavement markings (white), traffic signages, traffic control and other pertinent items.

North Bend Drive (From Spring Forest Road to Falls of Neuse Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 5 speed tables with associated chevrons, thermoplastics pavement markings (white), traffic signages, traffic control and other pertinent items.

South State Street (From Bunche Drive to Peterson Street (Approx. 850 LF from South State to Walnut Creek Trail Crossing), From Peterson Street to Martin Luther King Jr Boulevard):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 25 Shared-lane markings/Sharrows, 5 speed cushions (4 wide) with associated chevrons, 295 tubular markers, 1980 SF of Methyl Methacrylate (MMA) (Green), thermoplastic pavement markings (White), traffic signages, traffic control and other pertinent items.

Saint George Road (From Poole Road to Little John Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 6 speed humps with associated chevrons, thermoplastics pavement markings (white), traffic signages, traffic control and other pertinent items.

Willow Oak Road – West (From Live Oak to North New Hope Road):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 4 speed humps with associated chevrons, thermoplastics pavement markings (white), traffic signages, traffic control and other pertinent items.

Bart Street (Bart Street and East Lenoir Street):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 1 traffic circle, 1 manhole adjustment, 1 water valve adjustment, traffic control and other pertinent items.

Dandridge Drive (From Cross Link Road to Bunche Drive):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 22 Shared-lane markings/Sharrows, traffic control and other pertinent items.

Watauga Street (From Oakwood Avenue to Boundary Street):

Furnishing all labor, materials, equipment and performing all work necessary and incidental to the installation of 10 Shared-lane markings/Sharrows, Thermoplastic pavement markings (White), 80 SF of Methyl Methacrylate (MMA) (Green), remove existing sharrow, traffic control and other pertinent items.

NCDOT Standards: All items not covered in the COR specifications will refer to the latest NCDOT Specifications and Standard Drawings unless otherwise noted.

Bid Opening: The bid opening will be held Wednesday, April 2, 2025, 3PM at the Raleigh Municipal Building, located at 222 W. Hargett Street, Room 305, Raleigh, NC 27601. Bids shall be submitted via a signed hard copy; electronic copies will not be accepted.

Liquidated Damages: Liquidated damages of \$1000 per day will be assessed if the entire project is not completed in 180 calendar days. Liquidated damages of \$1000 per day will be assessed if the intermediate contract time of 180 days for each street is not met (Refer to Section 00520 Agreement, Article 4, p. 00520-4). **The completion time includes completion of all punch list items and permit close out.**

Notice to Proceed: Anticipated June 2025.

City Contacts: Stephane Belinga will serve as Project Manager and the City contact for the project (984) 895-0977. The City is providing full-time inspection for the project via a third party. The contacts for the full-time inspection staff will be provided to the awarded contractor.

Video of Site: A video of the site before construction begins will need to be done and provided by the contractor. Please refer to the project standard provisions sheet SP-3.

Construction Meetings:

- A Pre-Construction Conference will be scheduled after execution of the Contract and the Contractor will be required to provide a construction schedule during the meeting.
- A Public Pre-Construction touchpoint and/or meeting may also be held for information to nearby property owners. The Contractor will be required to attend the public pre-construction meeting, if scheduled.
- The city plans to conduct Bi-Weekly, or as necessary, construction meetings throughout the project onsite and/or via a virtual meeting.

MWBE Requirements: In support of supplier diversity, the City has set a 15% aspirational goal for the use of Minority and Women-owned Business Enterprises (MWBE), whenever possible. Bidders are expected to perform good faith efforts to achieve the MWBE participation goal of 15%. The MWBE contractors must be certified with the offices of NCDOT/HUB and/or NCDOT/DBE for their participation to count toward the 15% goal. Bidders must maintain records of all Good Faith Efforts and provide such supporting documentation if the 15% participation goal is not met. Bidders can view certified MWBEs via the online directory from the NCHUB's electronic Vendor Portal ([HUB eVP](#)) and NCDBE's website ([NCDOT Directory of Firms](#)). Questions related to the MWBE program can be directed to MWBE@raleighnc.gov.

Right-of-way Agreements:

No acquisitions and easements information have been recorded for this project.

Traffic Control:

- Public safety warning signs and barricades should be erected during the duration of the project to deter pedestrians from entering the work zone.
- The contractor shall be responsible for setting and covering all advance warning traffic signs prior to installing traffic calming devices and traffic circles on roadway.

Status of Permits:

- N/A.

Status of Utility Relocations:

- The Contractor shall be responsible for utility location prior to construction and maintaining an active 811 utility locate ticket for the impacted area.
- Contractor to coordinate utility adjustments/relocations encountered that are both shown and not shown on the plans. It is the Contractor's responsibility to coordinate with public and private utility companies.

Addendums:

N/A

Bid Package:

Shall include bidder's checklist items and all forms in section 00410.

Line-Item Clarifications:

- Relocating or resetting mailboxes are considered incidental.
- All traffic signs shall be installed and covered prior to installing speed hump/cushion/table. **Pavement markings shall be installed as needed and at full size per plans immediately following the installation of the speed hump/cushion/table/traffic circle.** If temporary markings are installed prior to permanent markings, the contractor shall be responsible, at the direction of the Engineer, to refresh all fading markings at no additional cost to owner until permanent markings are installed.
- **All permanent markings to delineate a speed hump/cushion/table/traffic circle shall be installed within 14 calendar days of their installation excepting seasonal restriction periods. If the contractor fails to do so, there will be applicable liquidated damages at the rate of one-hundred dollars (\$100.00) per calendar day beyond the 14-day limit until the necessary corrective action has been taken.**

Comments:

- COR recommends that all bidding contractors visit the sites prior to providing a bid.
- There are 3 schools along corridors on this project, Saint Raphael Catholic School on the North Bend Drive, Fuller Elementary School on South State Street and, Carnage Middle school on Peterson Street. There are work hours restrictions during students pickup and drop-off in these school zones.
- A copy of the Excel Bid Tab will be issued for reference. This will be posted on Planscope.
- COR will be providing full time inspections.

Open for Questions:

- Is there a last day for question(s)?
 - o *Wednesday, March 26, 2025*
- Is there a line item for temporary pavement markings?
 - o *Yes, there is a line item: Temporary Pavement Markings, Chevrons/Traffic Circle*
- Is the line item for temp. pavement markings just for the chevrons?
 - o *The temporary pavement markings include chevrons and traffic circles.*
- Will Raleigh pay for temporary pavement markings outside of the chevrons?
 - o *COR will process a one-time payment for temporary markings for chevrons and traffic circles.*

Attachments:

Sign-In Sheet Attached



Raleigh

ENGINEERING
SERVICES

Sign-In Sheet

[illegible]

15	COR 15000	Thermoplastic Pavement Markings (24", 90 MIL), White Stop Bar	LF	255		
16	COR 15000	Thermoplastic Pavement Markings (90 MIL), Shared-lane Marking/Sharrows	EA	157		
17	COR 15000	Thermoplastic Pavement Markings (12", 90 MIL), 3 Ft.-3 FT/SP White Mini-skip	LF	310		
18	COR 15000	Thermoplastic Pavement Markings (8", 90 MIL), White Crosswalk Line	EA	3		
19	COR 15000	Thermoplastic Pavement Markings (90 MIL), Bicycle Symbol	EA	13		
20	COR 15000	Thermoplastic Pavement Markings (90 MIL), Bicycle Straight Arrow	EA	12		
21	COR 15000	Thermoplastic Pavement Markings (90 MIL), Chevrons	EA	214		
22	COR 15000	Flexible Delineators/Tubular Markers	EA	85		
23	COR 15000	Methyl Methacrylate (MMA) (50 MIL), Green	SF	948		
PROJECT SPECIAL PROVISIONS - ROADWAY, PERMANENT SIGNAGE, UTILITIES (PUBLIC AND PRIVATE) AND RETAINING WALLS						
24	COR 19000	Traffic Circle Monolithic Concrete Islands w/ required markings	EA	3		
25	COR 19000	Removal of Existing Markings Lines	LF	495		
26	COR 19000	Removal of Existing Shared-line Markings (Sharrows)	EA	1		
27	COR 19000	Temporary Pavement Markings, Chevrons/Traffic Circle	EA	217		
28	COR 19000	Contractor Furnished Signs (Per Location)	EA	150		
					Subtotal	
		<i>Contingency - 10 % of Subtotal Bid Amount</i>	LS	1		
					Total FY24 Traffic Calming Amount	

TOTAL BID PRICE for FY24 Traffic Calming (Sum of items 1 through 28) \$_____

SECTION 19000
PROJECT SPECIAL PROVISIONS
(Revision 01-05-22)

ROADWAY CONSTRUCTION

GENERAL

All construction activities shall conform to pertinent OSHA requirements, City of Raleigh Standards and Specifications, and NCDOT Standard Specifications for Roads and Structures. Specification editions in effect at the time of the bid date shall govern.

1. SITE CONDITIONS

The Contractor shall accept the actual conditions at the site and perform the work specified without additional compensation for possible variation from grades and conditions shown whether surface or subsurface, except as provided for by the Contract Documents. If existing conditions are at variance with the drawings, the Engineer shall be notified before proceeding with the work, and adjustments shall be made only as directed by the Engineer. The Contractor shall inspect existing buildings, sidewalks, curb and gutter, pavement, light posts, and other physical features within and in the proximity of the project limits, and shall notify the Engineer, in writing, prior to beginning any construction, of any distress or existing damage such as cracking, settlement, and spalling or light malfunctions. Documentation of such distress or existing damages shall include date stamped photographs or motion video as necessary to provide evidence of such damage prior to the beginning of construction operations. Any damage to these items resulting from the work of this contract shall be promptly repaired by the Contractor at no additional cost to the City, in a manner approved by the Engineer.

2. CITIZEN NOTIFICATION

The Contractor shall be responsible for notifying, in writing all residents and business/property owners as per article 104-13, Citizen Notification of the Contract General Conditions.

3. MEETINGS

The Contractor shall have his job supervisor or superintendent attend project meetings with the City, as he deems necessary to ensure proper coordination of construction. These meetings shall be scheduled by the Engineer.

4. PREPARATION OF SITE

Excavation shall be done in such a manner as to provide for safe working conditions for the duration of the project.

5. ADJACENT PROPERTY ACCESS

Driveway and roadway access to properties adjoining the project must be maintained at all times during construction. The Contractor shall provide all labor and materials necessary to accomplish this work. There shall be no separate compensation for this work.

6. GRADING, SHOULDERS AND SLOPES

Shoulders and slopes (for a depth of 4 to 6 inches) shall be free of all stone and clods that exceed one inch in diameter. Fine grading (raking) shall take place just before seeding and mulching. The inspector must approve all areas to be seeded prior to seeding.

7. ASPHALT CONCRETE SURFACE COURSE COMPACTION

Compact the asphalt surface course on this project in accordance with Sub article 610-9 of the NCDOT Standard Specifications for Roads and Structures, latest edition and the following provision: Perform the first rolling with a steel wheel roller followed by rolling with a self-propelled pneumatic tired roller with the final rolling by a steel wheel roller.

8. STREET SIGNS AND MARKERS AND ROUTE MARKERS

All traffic signs shall be installed and covered prior to installing speed hump/cushion/table/traffic circle. Move any existing street signs, markers, and route markers out of the construction limits of the project and install the street signs and markers and route markers so that they will be visible to the traveling public if there is sufficient right of way for these signs and markers outside of the construction limits. Near the completion of the project and when so directed by the Engineer, move the signs and markers and install them in their proper location regarding the finished pavement of the project. Stockpile any signs or markers that cannot be relocated due to lack of right of way, or any signs and markers that will no longer be applicable after the construction of the project, at locations directed by the Engineer for removal by others. The Contractor will be responsible to the owners for any damage to any street signs and markers or route markers during the above-described operations. No direct payment will be made for relocating, reinstalling, and/or stockpiling the street signs 19000-3 and markers and route markers as such work will be considered incidental to other work being paid for by the various items in the contract.

9. PAVEMENT MARKINGS

All temporary pavement markings shall be paint and all permanent pavement markings shall be thermoplastic unless otherwise noted on the plans. The pavement marking contractor shall premark all pavement markings and have the Engineer approve the premarking prior to completing these pavement markings in case any adjustments are required based on actual site conditions. Any pavement markings placed prior to approval of the Engineer are subject to removal and replacement at no cost to the City as directed by the Engineer. **Pavement markings shall be installed as needed and at full size per plans immediately following the installation of the speed hump/cushion/table/traffic circle. If temporary markings are installed prior to**

permanent markings, the contractor shall be responsible, at the direction of the Engineer, to refresh all fading markings at no additional cost to owner until permanent markings are installed.

All permanent markings to delineate a speed hump/cushion/table/traffic circle shall be installed within 14 calendar days of their installation excepting seasonal restriction periods. If the contractor fails to do so, there will be applicable liquidated damages at the rate of one-hundred dollars (\$100.00) per calendar day beyond the 14-day limit until the necessary corrective action has been taken.

Weather and Seasonal Limitations:

Do not apply thermoplastic pavement markings on existing or new pavements unless the ambient air temperature and the temperature of the pavement is 50°F or higher.

Do not apply thermoplastic pavement markings between the dates specified below:

East of I-95	December 15 and the following March 16
March 16 East of I-77 to and including I-95	November 30 and the following April 1
West of and including I-77	November 15 and the following April 16

10. GREEN BIKE LANE PAVEMENT MARKINGS – METHYL METHACRYLATE (MMA)

The green bike lane markings shall only be used on travel lanes reserved exclusively for bicycles. Use pavement marking products used for the marking of bike lanes that are listed on the NCDOT APL. All materials used for bike lane pavement markings shall conform to Sections 1087 and 1205 of the Standard Specifications. Methyl Methacrylate (MMA) thickness shall be a minimum of 50 mils. All bike lane marking material shall be skid resistant. Bike lane pavement markings shall be green in color. Furnish technical data regarding material type and application rate from manufacturer to the Engineer for approval prior to starting work.

Material Certification

Green-colored pavement markings is not required to be retroreflective. Furnish the following pavement marking material certifications in accordance with Article 106-3.

Extruded Thermoplastic	Type 3 Material Certification and Type 4 Material Certification
Heated-In-Place Thermoplastic	Type 3 Material Certification
MMA	MMA Type 2 Material Certification and Type 3 Material Certification
Drop-on Reflective Media	Type 3 Material Certification and Type 4 Material Certification
Intermixed Reflective Media	Type 2 Material Certification and Type 3 Material Certification

Application

Material preparation and application shall be in accordance with the manufacturer's specifications. Ensure the pavement surface is free of dirt, grease, dust, oil, moisture, mud, grass, or any material that would prevent adhesion to the pavement. Make sure pavement markings are applied in a uniform thickness. Apply pavement markings only when ambient air temperature and pavement surface temperature is 50°F or higher.

The bike lane pavement markings color shall fall within these chromaticity coordinates:

1		2		3		4	
X	Y	X	Y	X	Y	X	Y
0.230	0.754	0.266	0.500	0.367	0.500	0.444	0.555

Nighttime Bike Lane Markings color shall only be these chromaticity coordinates:

1		2		3		4	
X	Y	X	Y	X	Y	X	Y
0.230	0.754	0.266	0.500	0.367	0.500	0.444	0.555

Measurement and Payment

Methyl Methacrylate (MMA) will be measured and paid as the actual number of square feet of pavement markings satisfactorily placed and accepted by the Engineer. The quantity of the lines will be the summation of the square feet of markings measured.

Payment will be made under:

Pay Item

Methyl Methacrylate (MMA)

Pay Unit

Square Feet

11. PERMANENT TRAFFIC SIGNAGE

Permanent traffic signage shall be considered full compensation for all equipment, materials, labor, and incidentals for work associated with the installation of new permanent traffic signage at locations as shown on the plans. The work shall include, but is not limited to signage fabrication and installation, including 3 lb. galvanized steel U-channel posts, bolts, and any incidentals required to install the traffic signage. Payment will be made at the unit price per location or as otherwise indicated in the itemized proposal.

12. TRAFFIC CIRCLE MONOLITHIC CONCRETE ISLANDS WITH PAVEMENT MARKINGS

Traffic circle concrete island shall be considered full compensation for all equipment, materials, labor, and incidentals for work associated with the installation of traffic circle concrete monolithic island, as well as all pavement marking at locations as shown on the plans. The concrete will be stamped with a brick pattern form liner approved by the Engineer and a tooled joint will be placed

at the back of the median curb. The work shall include, but is not limited to concrete, drilled anchors, form liner, and any incidentals required to install the traffic signage. Payment will be made at the unit price per each installed single traffic circle monolithic island.

END OF SECTION 19000