



## Orange Water and Sewer Authority

*Our community's trusted partner for clean water and environmental protection.*

Date: March 31, 2025

Invitation to bid: South Circle Drive pavement restoration.

You are invited to submit a bid for the South Circle Drive pavement restoration project. The plans and specifications included with this invitation outline the work to be completed.

Our Construction Crew will be installing a new water main along South Circle Drive. We anticipate the work to be complete in June 2025.

The hatched area shown of the plans is the general area of the overlay the trench repair will generally be the route of the pipe and services.

**Paving Project duration: Substantial completion 30 days from NTP and Final completion at 45 days**

**Performance and Payment bonds required.**

We look forward to receiving a submittal from your company.

Bids are to be submitted by:

**April 29, 2025 by end of the day (11:59 PM)** bids may be submitted by email to [DBerger@owasa.org](mailto:DBerger@owasa.org) (the time stamp on the email will serve as the confirmed delivery date and time.) or delivered to 400 Jones Ferry Road Carrboro, NC 27510. **Please note delivery to our physical address will need to be completed before 5:00 PM on April 29, 2025.** Bids received after these times will not be accepted.

Darren Berger Project Manager

Orange Water and Sewer Authority

Email: [DBerger@owasa.org](mailto:DBerger@owasa.org)

Phone: 919-537-4240

GENERAL INFORMATION:

The state of the project site will be a saw-cut 4-foot wide trench filled with compacted ABC, which OWASA shall complete for the installation of the water main prior to pavement work. Per Detail on the Engineering Drawings, six inches of the compacted ABC will need to be removed along the trench and the remaining ABC re-compacted prior to asphalt placement. The full roadway width will be overlain with 1.5-inch asphalt. Milling of pavement is required at each end of the project corridor to establish a clean seam at the end points for transition to existing roadways. All work is in NCDOT roadways, as noted on the plans shall be per the engineering drawing details and paid under the appropriate line item.

Acknowledgment of Addenda / \_\_\_\_\_

BASE BID:

Item No.	Description	Unit	Estimated Quantity	Unit Price	Bid Amount
1	6" Base Course, Per NCDOT Detail Sheet D-1	SY	1670		
2	1.5" Overlay	SY	4700		
3	NCDOT Milling and Filling of Asphalt Pavement (Select Areas)	SY	100		
4	Striping	LF	100		
5	Mobilization/Demobilization	EA	1		

TOTAL BASE BID PRICE for the construction of the Project complete as indicated by the Drawings and Items No. 1 — 5 above. (in words and figures):

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents (\$ \_\_\_\_\_ )

Bidder \_\_\_\_\_ (Print)

## MEASUREMENT AND PAYMENT:

Payment for work required by the Drawings shall be based on the pay items described herein. The work associated with each pay item is intended to include all of the work and materials required for a complete paving installation. The descriptions herein may not be complete; however, the intent of the project is to provide a complete pavement installation.

### Item 1 — NCDOT Trench Repair

This unit price bid item shall include furnishing all traffic control, materials, equipment, and labor for removal, disposal, and replacement, if necessary, to provide 6-inch ABC at location of WM installation and provide replacement of removed 6-inches of ABC with 6-inches of base course per procedure identified on Sheet D-1 of the Engineering Drawings. Payment for NCDOT Trench Repair shall be made by the square yard of pavement installed per NCDOT trench repair details provided in the Drawings.

### Item 2 — 1.5" Overlay of Asphalt Pavement

This unit price bid item includes furnishing all traffic control, materials, equipment, and labor for placement of 1.5" of SF9.5B pavement, where shown on the Engineering Drawings. Payment for asphalt pavement milling shall be made on a separate line item. Payment for the 1.5" pavement overlay shall be made per square yard of asphalt placement per the NCDOT repair detail on Engineering Drawing Sheet D-1.

This line item may also be utilized for payment of additional pavement repair outside the trench area if and where directed by OWASA.

### Item 3 — NCDOT Milling and Overlay of Asphalt Pavement

This unit price bid item pertains only to areas which require pavement milling at seams with existing asphalt at Woodward Way and South Circle Drive and includes furnishing all traffic control, materials, equipment, and labor for milling of 1.5" of asphalt, and placement of SF9.5B asphalt per Mill Butt Joint Tie-In Detail on Engineering Drawing Sheet D-1, where shown on the Drawings. Payment for asphalt pavement milling and replacement shall be made per square yard of milling and asphalt placement per the NCDOT repair detail on Engineering Drawing Sheet D-1.

### Item 4 — Striping

This pay item includes replacement in kind of existing double yellow solid line and or White edge solid line pavement marking per NCDOT Specification 12.02 along the entirety of the roadway. Payment for roadway striping shall be made per linear foot of roadway striping placement.

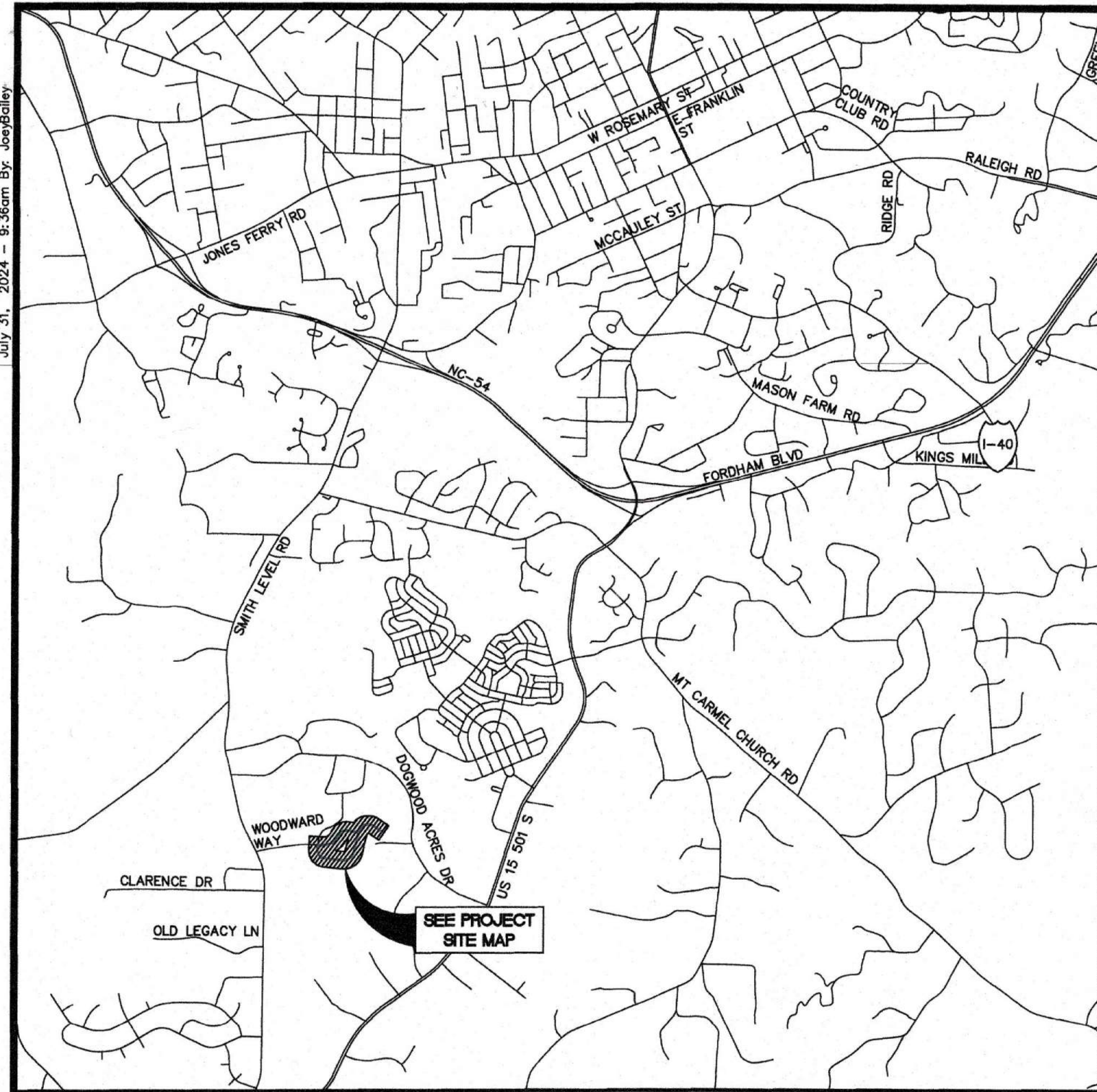
### Item 5 — Mobilization/Demobilization

This unit price item is for the costs incurred for the Contractor to mobilize equipment to the site and to demobilize from the site once a particular phase (if multiple phases are required by the Owner) of work is complete. Coordinate work status and planned activities with the Owner prior to any mobilization or demobilization.

-END OF SECTION-

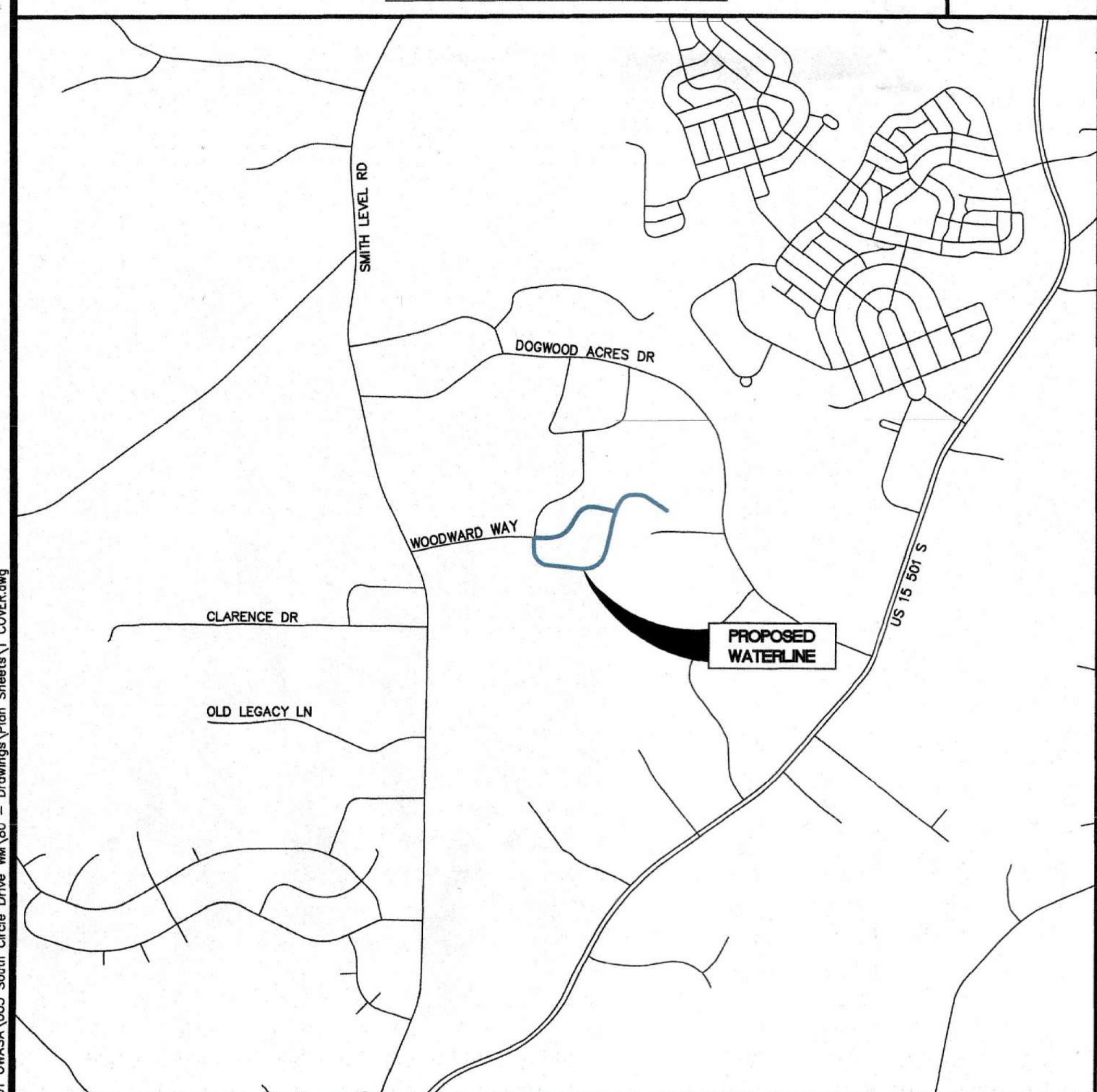
July 31, 2024 - 9:36am By: Joe Bailey

D:\01 OWASA\005 South Circle Drive WMA.R0 - Drawings\Plan Sheets\1 COVER.dwg



PROJECT LOCATION

NOT TO SCALE



PROJECT SITE

NOT TO SCALE

# ORANGE WATER AND SEWER AUTHORITY CARRBORO, NORTH CAROLINA

## SOUTH CIRCLE DRIVE WATER MAIN REPLACEMENT

NOVEMBER 2023

PUBLIC WATER SYSTEM  
PLANS AND SPECIFICATIONS  
APPROVED BY  
N.C. DEPARTMENT OF  
ENVIRONMENTAL QUALITY  
DIVISION OF WATER RESOURCES  
PUBLIC WATER SUPPLY SECTION  
Serial No. 24-00123  
Date August 8, 2024  
By Richard Simpson

Drawer: \_\_\_\_\_  
Project: SOUTH CIRCLE DRIVE WTR MAIN  
REPLACEMENT - NC0368010  
ORANGE WATER & SEWER  
AUTHORITY  
Location: ORANGE County  
Project Type: DISTRIBUTION EXTENSION  
Date: 02/05/2024  
Serial #: 24-00123  
REVIEWER: Richard Simpson



INDEX TO SHEETS		
SHEET NO.	DWG NO.	SHEET TITLE
1	XX	COVER
2	C1	WATER MAIN PLAN
3	C2	WATER MAIN PLAN
4	D1	DETAILS



ORANGE WATER AND SEWER AUTHORITY  
400 JONES FERRY ROAD  
CARRBORO, NC 27510

PHONE: (919) 537-4229  
FAX: (919) 968-4464

OWASA'S CIP#: 275-20

PREPARED IN THE OFFICE OF:



320 S. ACADEMY STREET  
CARY, NC 27511

NC LICENSE #P-1611 [WWW.CJS CONVEYANCE.COM](http://WWW.CJS CONVEYANCE.COM)

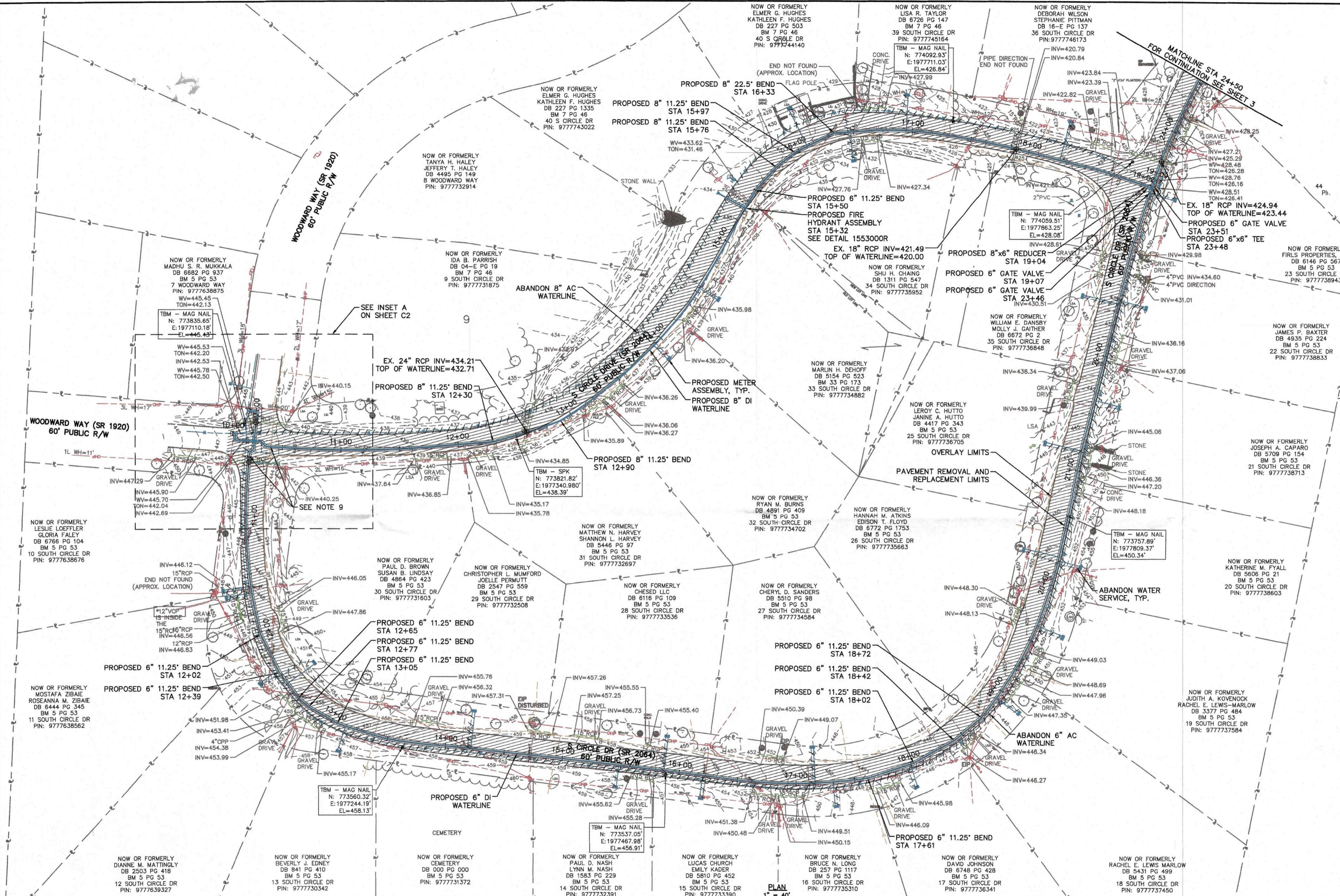
CJS PROJECT NO. 001-005

JOB NO. 001-005

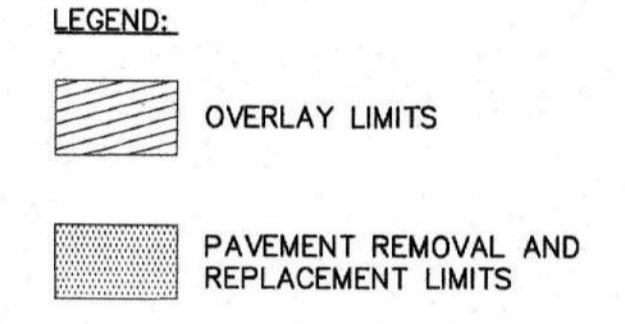
PROJECT: SOUTH CIRCLE DRIVE WATER MAIN REPLACEMENT

CLIENT: ORANGE WATER AND SEWER AUTHORITY

Plot: 14 By: bsbj Bailey Layout: 2 SOUTH CIRCLE PLAN July 31, 2024 09:36:24am S:\001\_0WASA\005\_South Circle Drive WMA30 - Drawings\Plan Sheets\2\_Plan.dwg



- GENERAL NOTES:**
1. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH OWASA STANDARD DETAILS AND SPECIFICATIONS. ALL NEW WATER MAIN SHALL HAVE 3.5' MINIMUM COVER.
  2. ALL STREET REPAIRS SHALL BE IN ACCORDANCE WITH NCDOT STANDARD DETAILS AND SPECIFICATIONS, LATEST EDITION.
  3. RELATION BETWEEN WATER AND SEWER MAINS SHALL BE IN ACCORDANCE WITH NCAC 15A SUBCHAPTER 18C.906.
  4. FIELD DATA BASED ON SURVEY PREPARED BY COOPER AND ASSOCIATES, IN AUGUST 2022.
  5. PRIOR TO CONSTRUCTION ACTIVITY, UNDERGROUND UTILITY LOCATES SHALL BE REQUESTED BY CALLING THE NORTH CAROLINA ONE CALL CENTER, INC. (811).
  6. ALL SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITY AND SHALL BE INSPECTED EVERY SEVEN DAYS OR AFTER EACH RAINFALL OCCURRENCE.
  7. CONTACT TOWN OF CHAPEL HILL ENGINEERING DEPARTMENT (919-969-5085) PRIOR TO CLOSING LANES OF TRAFFIC FOR CONSTRUCTION. ALL WORK TO BE DONE PER MUTCD REGULATIONS. LANE CLOSURES PERMITTED BETWEEN 9:00 A.M. AND 4:00 P.M.
  8. CONTACT EMERGENCY SERVICES (911) PRIOR TO CLOSING LANES OF TRAFFIC FOR CONSTRUCTION.
  9. PROVIDE A MINIMUM 12-INCH VERTICAL SEPARATION BETWEEN NEW WATER MAIN AND ALL NON-SEWER UTILITIES.
  10. IF SERVICES ARE OPEN-CUT THEY SHALL BE REPAIRED CONSISTENT WITH THE NCDOT TRENCH REPAIR DETAIL.



No.	REVISIONS	DATE	BY	SEAL:
2	NCDOT RESUBMITTAL	11/16/23	SDL	
1	NCDOT SUBMITTAL	9/5/23	SDL	



**CJS** Conveyance, PLLC
   
 320 S. ACADEMY ST
   
 CARY, NC 27511
   
 NC LICENSE #1611 WWW.CJSCONVEYANCE.COM

**ORANGE WATER AND SEWER AUTHORITY**  
**CARRBORO, NORTH CAROLINA**  
**SOUTH CIRCLE DRIVE WATER MAIN**  
**REPLACEMENT**

**SOUTH CIRCLE PLAN**

CJS PROJ. #:	001-005
DATE:	9-5-23
SCALE:	1" = 40'
PROJECT ENGINEER:	SDL
DESIGNED BY:	JGB
DRAWN BY:	JGB
CHECKED BY:	JAR

**C1**  
 SHEET NUMBER  
**2 OF 4**



