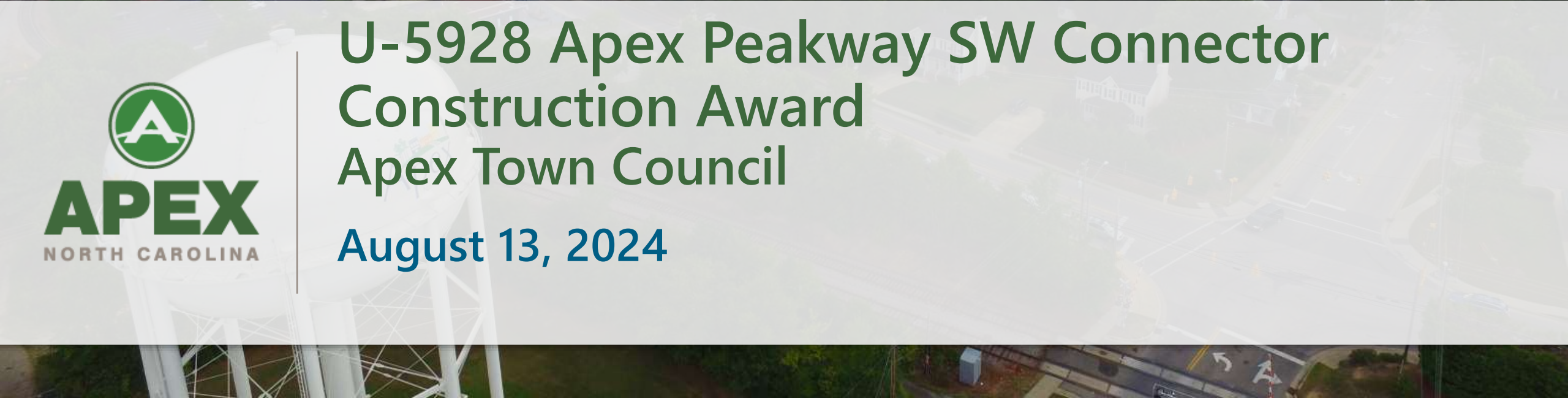





U-5928 Apex Peakway SW Connector Construction Award Apex Town Council

August 13, 2024

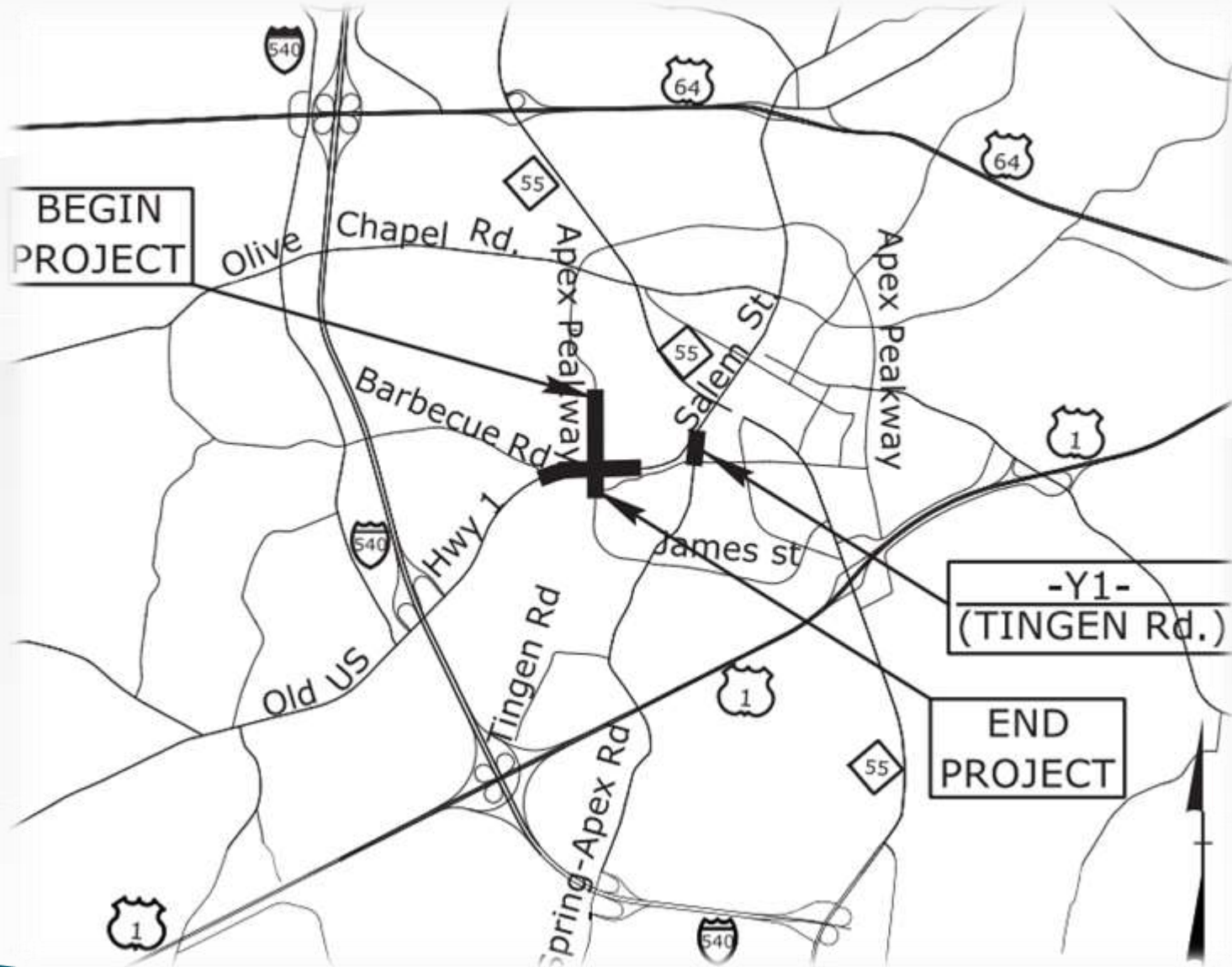




Agenda

- Project Overview
 - Project Funding
 - Bid Summary Results
 - Recommendations
 - Next Steps
- 

Project Overview





Project Overview

- Completes the only remaining gap in the Peakway west of NC 55, across CSX S-line Corridor
- Achieves the required grade separation per the CSX/NCDOT/Apex Corridor Master Agreement
- Provides a new route for traffic prior to the required closure of the Tingen Rd at-grade crossing, enhancing crossing safety along the S-line
- Connects a 4-lane loop with traffic signals for access to/from South Salem St
- Satisfies traffic demand while minimizing overall project footprint
- Incorporates aesthetic enhancements that blend with the character of Apex



View of quadrant loop, looking toward southwest



Looking eastbound along S. Salem Street



Apex Peakway bridge rendering, from Barrow Nook Court



View from Salem Street – Updated Decorative Rail



Project Funding

- **2015 Transportation Bond**

- Funding for design, permitting, utility relocation and right of way acquisition

- **2021 Streets and Sidewalks Bond**

- Additional funds needed for construction, including the construction agreement with CSXT, Town utility work, construction management, and inspections

- **Federal Funding**

- A total of up to \$12.5 million in federal funds have been awarded as a 50% matching grant toward construction

Project Funding

Current Budget

Design	\$1,530,000
Property Acquisition	\$1,330,000
Railroad and Utilities	\$1,410,000
Construction w/ 10% Contingency & Inspections	\$25,170,000
NCDOT Management Fees (est.)	\$630,000
Total	\$30,070,000
<i>Federal Reimbursement</i>	<i>\$12,500,000</i>
<i>Remaining Cost to Apex*</i>	<i>\$17,570,000</i>

***Pending additional funding from CAMPO and reallocated NCDOT resurfacing funds for Old US 1 within project limits; both can reduce Apex final obligation**

Bid Summary Results

- Bid Advertisement: June 3, 2024
- Bid Opening Date: July 25, 2024
- 7 bids received

<u>COMPANY</u>	<u>BASE BID</u>	<u>BASE/ENG EST</u>	<u>ALTERNATE BID</u>	<u>ALT/ENG EST</u>	<u>DBE (10%)</u>
S. T. WOOTEN CORPORATION	\$ 21,419,463.12	-15%	\$ 21,254,463.12	-16%	10.02%
BLYTHE CONSTRUCTION	\$ 22,464,726.97	-11%	\$ 22,326,226.97	-11%	10.34%
FRED SMITH COMPANY	\$ 23,235,953.40	-8%	\$ 22,886,453.40	-9%	10.00%
CONTI CIVIL	\$ 24,957,442.00	-1%	\$ 24,957,442.00	-1%	10.05%
ENGINEER'S ESTIMATE	\$ 25,182,351.88		\$ 25,182,351.88		
CROWDER CONSTRUCTION	\$ 27,144,240.84	8%	\$ 26,876,040.84	7%	10.00%
BRANCH CIVIL	\$ 27,850,000.00	11%	\$ 27,130,000.00	8%	10.00%
THALLE CONSTRUCTION	\$ 38,121,269.50	51%	\$ 37,671,269.50	50%	10.00%



Recommendation

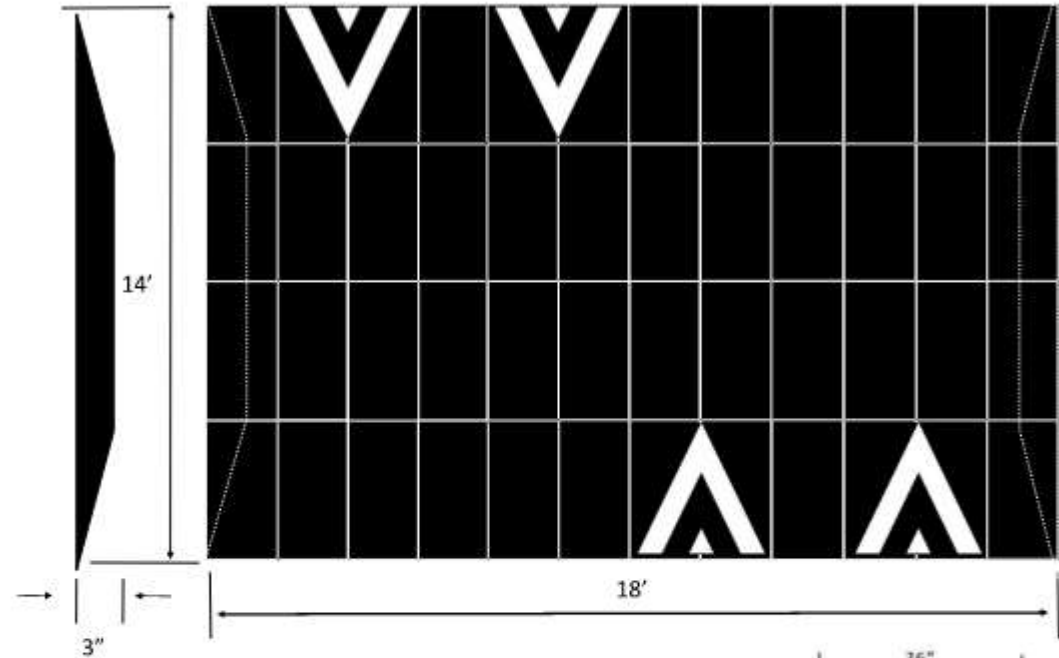
- Award Alternate bid to S. T. Wooten Corporation in the amount of \$21,254,463.12 (contingent on NCDOT concurrence) and authorize Town Manager to execute contract.

Next Steps

- Town to submit Award Concurrence Request to NCDOT
- Town Manager to execute contract with contractor (4-6 weeks)
- Request \$802,000 from CAMPO in additional federal funds
 - Requires 50% matching local funds (supplemental agreement)
- Budget adjustment with RK&K for adding utility relocation coordination services pending NCDOT approval (amount included in previous summary)
- Construction Schedule
 - 3-year construction schedule
 - Tentative Notice to Proceed – October 1, 2024
 - Tentative Completion – September 30, 2027

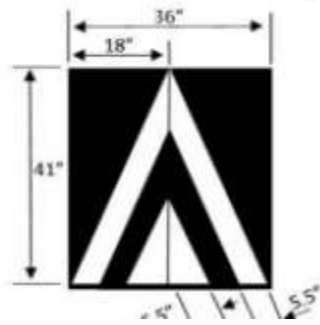
Next Steps

- Temporary speed humps
 - Intended to address potential cut-through on Grappenhall Dr & Applethorn Dr due to Peakway closure
 - Seven (7) total locations within Whitehall Manor & Whitehall Village
 - Staff have met with representatives from both HOAs
 - Awaiting HOA approval to proceed with bidding



As Shown: 14' L x 18' W with 4 White MUTCD markings

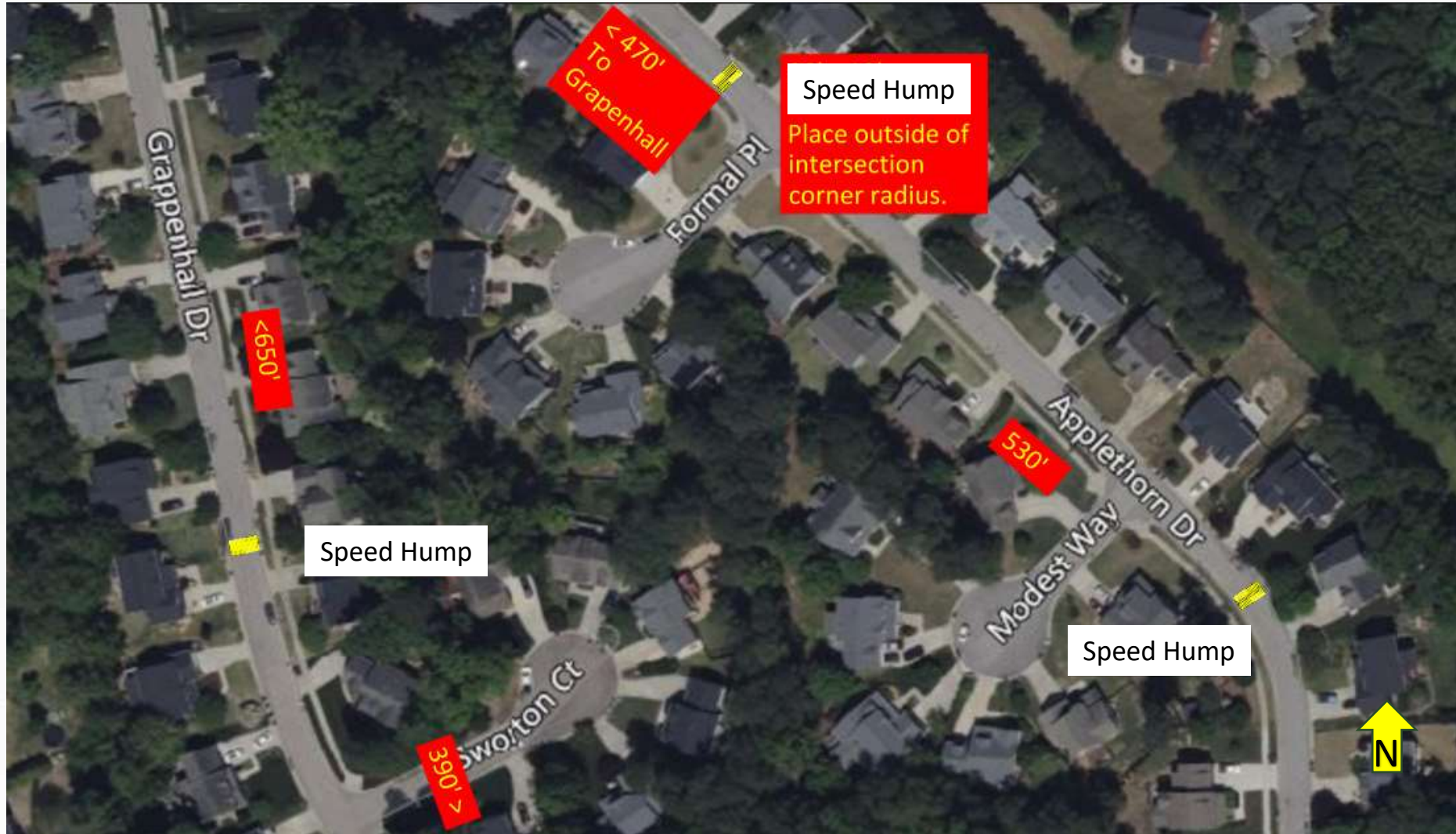
Part Number as shown:
ST-141803-4M



Next Steps – Temporary Traffic Calming Location Map (1 of 3)



Next Steps – Temporary Traffic Calming Location Map (2 of 3)



Next Steps – Temporary Traffic Calming Location Map (3 of 3)

