

# BREVARD ROUNDABOUTS - ELECTRICAL

CITY OF BREVARD  
DOT PROJECT # R-5799

## SHEET INDEX

COV	COVER SHEET
E01	DEAVOR RD ELECTRICAL PLAN
E02	DEAVOR RD ELECTRICAL CONTINUED
E03	PISGAH RD ELECTRICAL
E04	PISGAH RD ELECTRICAL PLAN

## SCHEDULE OF VALUES

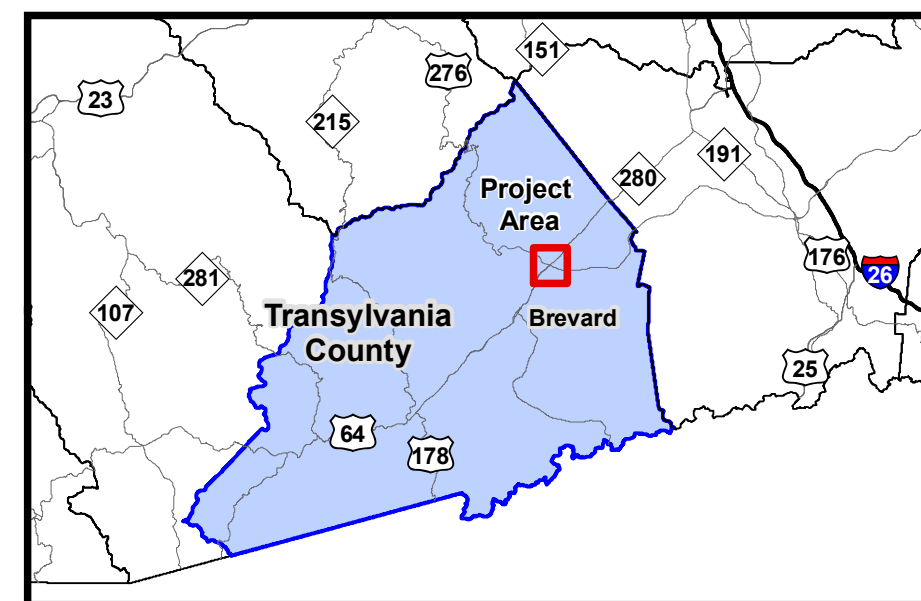
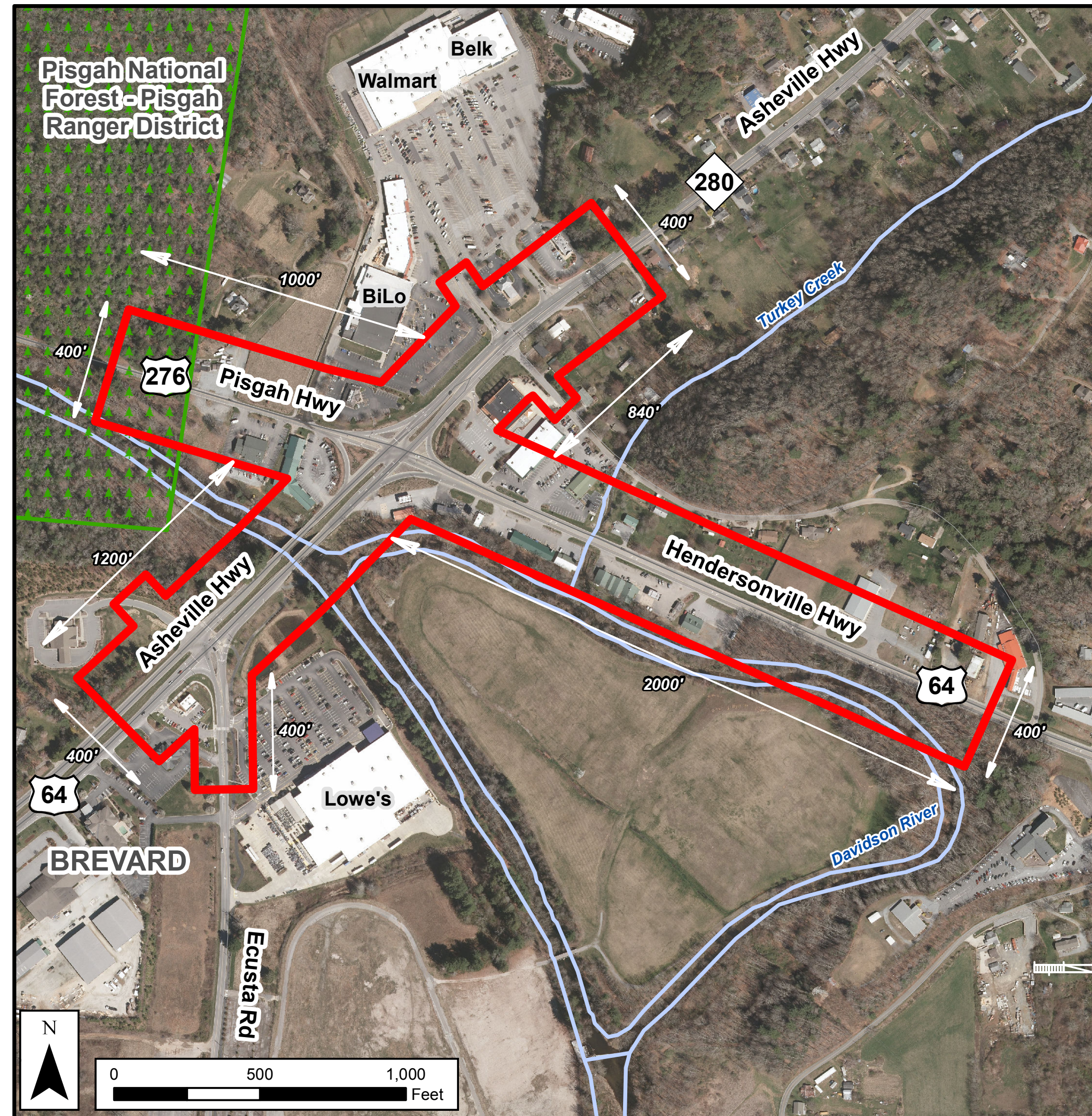
ELEVATION:	0 AMSL
DESIGN WIND SPEED:	115 MPH
SEISMIC DESIGN CATEGORY:	B
DESIGN FROST DEPTH:	24"
GROUND SNOW LOAD:	30 PSF
PRIMARY USE FLOOR LOAD:	LIVE LOAD: 40 PSF DEAD LOAD: 10 PSF
ROOF LOAD:	LIVE LOAD: 35 PSF DEAD LOAD: 15 PSF

## SCOPE OF WORK

PER CONTRACT BETWEEN TERESA BUCKWALTER AND IONCON:  
Provide the electrical sheets for the landscape level lighting in the 2 roundabouts. Mosaic Civic will provide proposed fixture lists and layout for the roundabouts and IONCON will be responsible for the conductor and conduit sizing from the user side of the meter to the individual fixtures.

## GENERAL NOTES

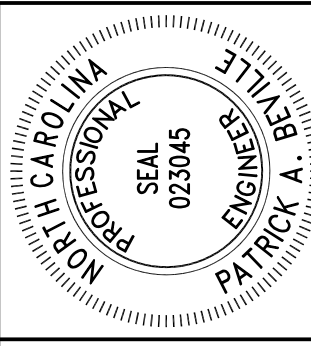
- ALL CONSTRUCTION SHALL MEET 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
- ALL HARDWARE AND FASTENERS CONTACTING PRESSURE TREATED MATERIAL SHALL BE APPROVED FOR USE WITH CORRESPONDING WOOD TREATMENT.
- ALL LUMBER CONTACTING CONCRETE SHALL BE PRESSURE TREATED.
- ALL WOOD CONNECTORS SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS UNLESS NOTED OTHERWISE.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. DRAWINGS REPRESENT TYPICAL CONDITIONS. AS-BUILT CONDITIONS MAY EXIST.
- ENGINEER NOT RESPONSIBLE FOR UN-COMPACTED FILL.
- FLASHING, COUNTER-FLASHING AND WATERPROOFING BY OTHERS.
- IONCON ENGINEERING IS ONLY RESPONSIBLE FOR THE STRUCTURAL ASPECTS AS REFERENCED HEREIN.



**Legend**

- R-5799 Study Area
- Pisgah National Forest
- Stream

			<b>R-5799 Intersection Improvements</b> US 64 (Pisgah Hwy) / US 276 (Pisgah Hwy) / NC 280 (Asheville Hwy) Intersection	TIP No. R-5799 Division: 14	<b>Figure: 1</b> Study Area Map
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BREVARD ROUNDABOUTS - ELECTRICAL  
SITE ADDRESS: CITY OF BREVARD  
OWNER: TERESA BUCKWALTER  
PROJECT ADDRESS: 10527 HWY 105  
(828) 719-9171 | TERESA@MOBACCIVIC.COM

COVER SHEET

QC	BY	DATE
BOD	-	###/##/##
DST	-	###/##/##
CNS	-	###/##/##
CDE	-	###/##/##
COM	-	###/##/##

DATE	5/9/2023
SCALE	AS NOTED
DRW	MEB
EIT	QD
JOB #	215003

COV

PLOTTED ON: 5/9/2023