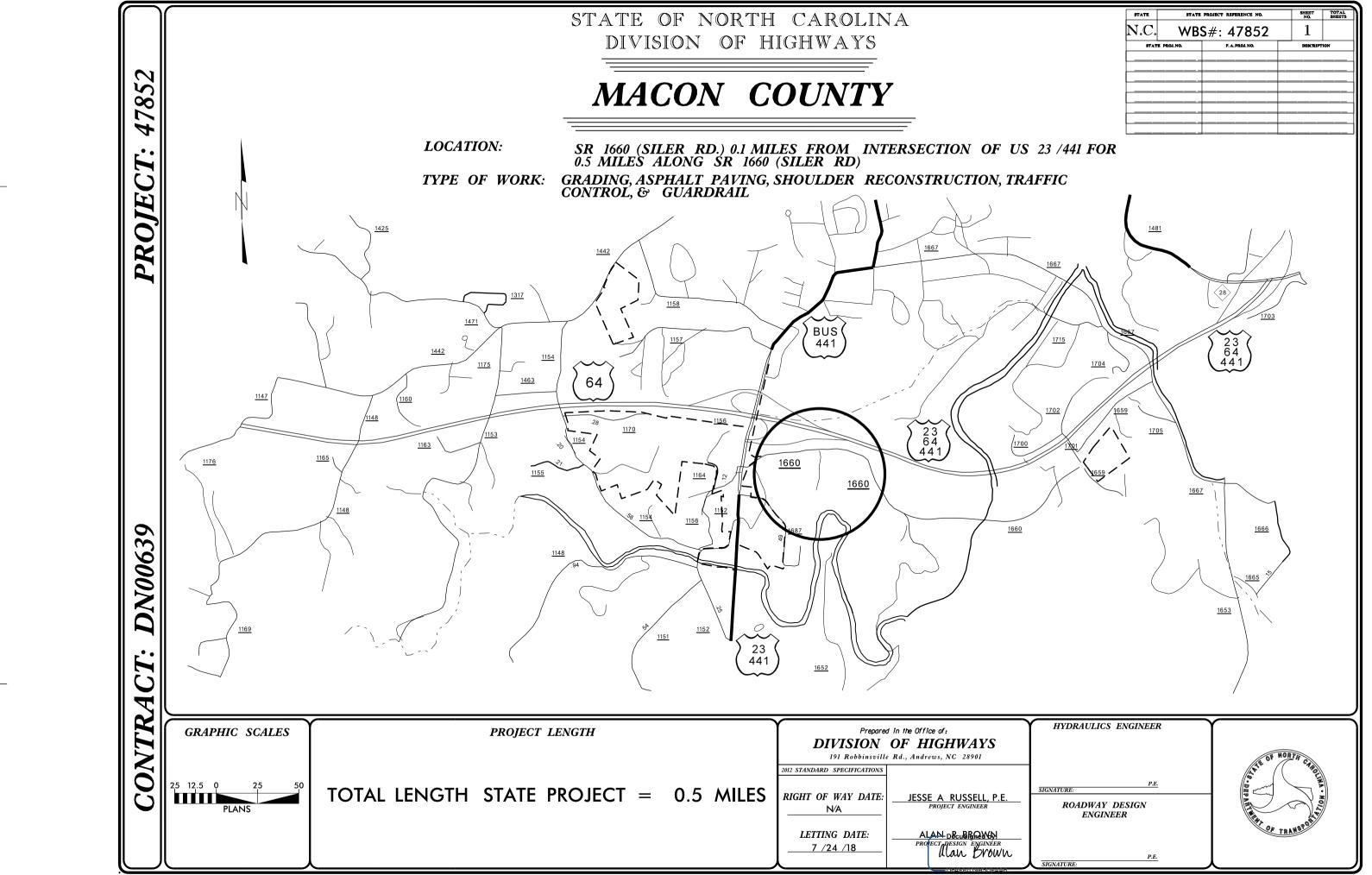
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PROJECT REFERENCE NO. SHEET NO. 47852

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## INDEX OF SHEETS

## GENERAL NOTES

## LIST OF ROADWAY STANDARDS

TITLE SHEET INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS CONVENTIONAL SYMBOLS MAP 1
MAP 1 TYPICAL SECTIONS

GENERAL NOTES:

2018 SPECIFICATIONS EFFECTIVE: 01-16-2018

- CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION, ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 2 THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.

2018 ROADWAY STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" - Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., dated January 16, 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

STD. NO. TITLE

DIVISION 5 - SUBGRADE, BASES AND SHOULDERS
560.01 Method of Shoulder Construction
DIVISION 6 - ASPHALT BASES AND PAVEMENTS
654.01 Pavement Repairs
DIVISION 8 - INCIDENTALS
862.01 Guardrail Placement
862.02 Guardrail Placement
862.03 Structure Anchor Units
DIVISION II - WORK ZONE TRAFFIC CONTROL
IIOI.01 Detail Drawing for Two Way Undivided Work Zone Warning Signs
IIOI.02 Temporary Lane Closures
DIVISION I2 - PAVEMENT MARKINGS, MARKERS AND DELINEATION
I205.01 Line Types and Offsets

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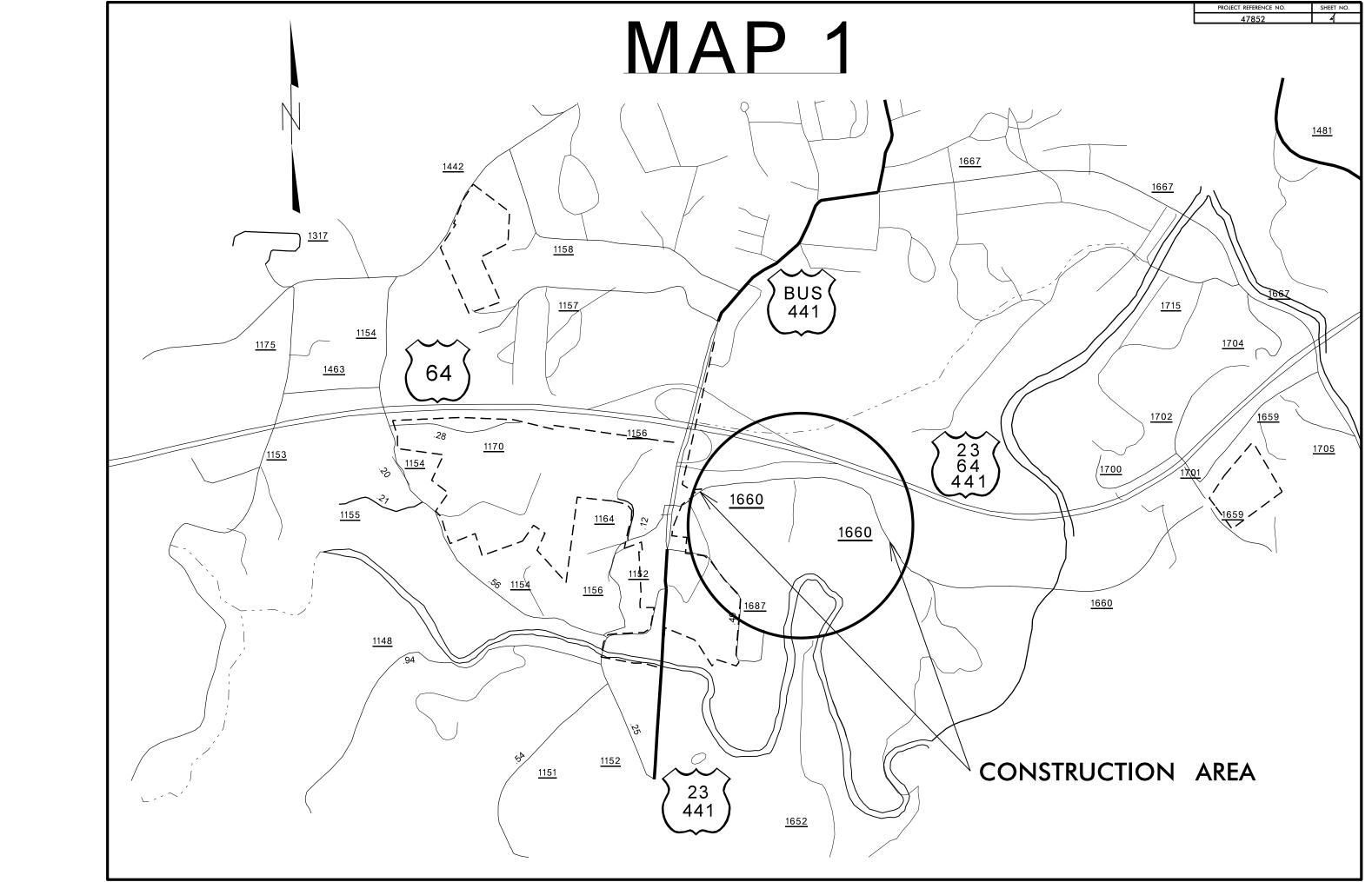
E.O.I.

## CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:		RAILROADS: Note: Not to Scale		
tate Line —		Standard Gauge —	+++++	
County Line —		RR Signal Milepost ————————————————————————————————————	CSX TRÂNSPORTATION ⊙	
ownship Line		Switch —	MILEPOST 35	
City Line		RR Abandoned ————	SWITCH	
leservation Line ————————————————————————————————————		RR Dismantled ————		
roperty Line —		KK Dismumeu		
xisting Iron Pin —	<u>O</u>	DICHT OF WAY C. DROIFOT O	ONTROL	
Computed Property Corner —————	<del>_</del>	RIGHT OF WAY & PROJECT CO	ONIROL: ▲	
roperty Monument		Secondary Horiz and Vert Control Point	lacktriangle	
arcel/Sequence Number ————————————————————————————————————	<b>— (23)</b>	Primary Horiz Control Point		
xisting Fence Line	xxx_	Primary Horiz and Vert Control Point	•	
roposed Woven Wire Fence	<del></del>	Exist Permanent Easment Pin and Cap ———	$\Leftrightarrow$	
roposed Chain Link Fence	<del></del>	New Permanent Easement Pin and Cap ——	<u>•</u>	
roposed Barbed Wire Fence	<del></del>	Vertical Benchmark		
xisting Wetland Boundary		Existing Right of Way Marker —————	$\triangle$	
roposed Wetland Boundary —————		Existing Right of Way Line —————		
xisting Endangered Animal Boundary ——		New Right of Way Line ——————	<del></del>	
xisting Endangered Plant Boundary		New Right of Way Line with Pin and Cap—	<u> </u>	
xisting Historic Property Boundary		New Right of Way Line with		
Cnown Contamination Area: Soil ————		Concrete or Granite RW Marker		
otential Contamination Area: Soil ———		New Control of Access Line with	<del></del>	
Cnown Contamination Area: Water		Concrete C/A Marker		
otential Contamination Area: Water ——		Existing Control of Access	——(Ē)——	
Contaminated Site: Known or Potential —		New Control of Access —————	<del></del>	
BUILDINGS AND OTHER CUL		Existing Easement Line ————————————————————————————————————	——— E ———	
Gas Pump Vent or U/G Tank Cap		New Temporary Construction Easement -	——Е—	
ign	⊙	New Temporary Drainage Easement ——	TDE	
Vell	s 	New Permanent Drainage Easement ——		
mall Mine	<b>"</b>	New Permanent Drainage / Utility Easement	——DUE—	
oundation —	_ ^	New Permanent Utility Easement ————	PUE	
rea Outline —————		New Temporary Utility Easement ———	TUE	
Cemetery ————————————————————————————————————	+	New Aerial Utility Easement	AUE	
suilding —				
ichool —		ROADS AND RELATED FEATUR		
Church —	— <u> </u>	Existing Lago of Favoritorii		
		Existing Curb ————————————————————————————————————		
ouiii		Proposed Slope Stakes Cut ————		
HYDROLOGY:		Proposed Slope Stakes Fill —————		
Stream or Body of Water ————————————————————————————————————		Proposed Curb Ramp —————		
Hydro, Pool or Reservoir		Existing Metal Guardrail —————		
urisdictional Stream Buffer Zone 1		Proposed Guardrail ——————		
Buffer Zone 2 ———————————————————————————————————		Existing Cable Guiderail ————		
Flow Arrow		Proposed Cable Guiderail		
Disappearing Stream		Equality Symbol ————————————————————————————————————	•	
Spring ————————————————————————————————————		Pavement Removal ————————————————————————————————————	$\boxtimes\!\!\!\boxtimes\!\!\!\boxtimes\!\!\!\boxtimes$	
Vetland		VEGETATION:		
Proposed Lateral, Tail, Head Ditch ———		Single Tree	- £	
roposed Lateral, Fall, Fledd Dilch ————————————————————————————————————	< FLOW	Single Shrub —	- <b>©</b>	
MASS AUTHOR				

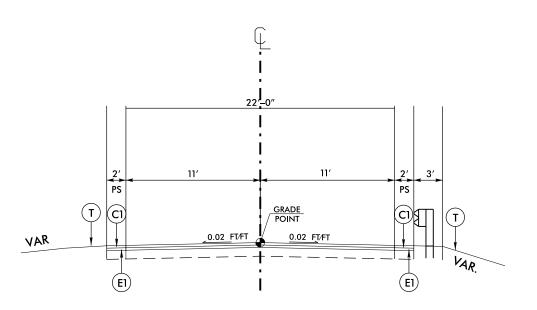
U.E. = Subsurface Utility Engineering		WATER:
Hedge —		Water Manhole ———
Woods Line	()-()-()-()-()-	Water Meter
Orchard —		Water Valve ————
Vineyard —		Water Hydrant ———
EXISTING STRUCTURES:		U/G Water Line LOS B
MAIOR:		U/G Water Line LOS C
Bridge, Tunnel or Box Culvert ————	CONC	U/G Water Line LOS D
Bridge Wing Wall, Head Wall and End Wall		Above Ground Water Li
MINOR:	) (	TV:
Head and End Wall —	CONC HW	TV Pedestal ————
Pipe Culvert —		TV Tower —
Footbridge —	<b>&gt;</b>	U/G TV Cable Hand H
Drainage Box: Catch Basin, DI or JB ———	СВ	U/G TV Cable LOS B (
Paved Ditch Gutter———		U/G TV Cable LOS C
Storm Sewer Manhole —		U/G TV Cable LOS D
Storm Sewer ———————————————————————————————————		U/G Fiber Optic Cable
Sionii Sewei		U/G Fiber Optic Cable
UTILITIES:		U/G Fiber Optic Cable
POWER:	1	GAS:
Existing Power Pole		Gas Valve ————
Proposed Power Pole —		Gas Meter ————
Existing Joint Use Pole		U/G Gas Line LOS B (S
Proposed Joint Use Pole		U/G Gas Line LOS C (
Power Manhole —		U/G Gas Line LOS D (
Power Line Tower —		Above Ground Gas Line
Power Transformer —	- 🛮	CANUTARY CENTER
U/G Power Cable Hand Hole		SANITARY SEWER:
H-Frame Pole		Sanitary Sewer Manhole
U/G Power Line LOS B (S.U.E.*)		Sanitary Sewer Cleanout
U/G Power Line LOS C (S.U.E.*)		U/G Sanitary Sewer Line
U/G Power Line LOS D (S.U.E.*)	Р———	Above Ground Sanitary
TELEPHONE:		SS Forced Main Line LC
Existing Telephone Pole	- <b>-</b> ⊕	SS Forced Main Line LC
Proposed Telephone Pole —	- <del>-</del>	SS Forced Main Line LC
Telephone Manhole	· •	MISCELLANEOUS:
Telephone Pedestal		Utility Pole —
Telephone Cell Tower	· <u>.</u>	Utility Pole with Base —
U/G Telephone Cable Hand Hole	• •	Utility Located Object —
U/G Telephone Cable LOS B (S.U.E.*)		Utility Traffic Signal Box
U/G Telephone Cable LOS C (S.U.E.*)		Utility Unknown U/G Lin
U/G Telephone Cable LOS D (S.U.E.*)		, U∕G Tank; Water, Gas, (
		Underground Storage To
U/G Telephone Conduit LOS B (S.U.E.*)		A/G Tank; Water, Gas, C
U/G Telephone Conduit LOS C (S.U.E.*)		Geoenvironmental Boring
U/G Telephone Conduit LOS D (S.U.E.*)		U/G Test Hole LOS A (
U/G Fiber Optics Cable LOS B (S.U.E.*)		Abandoned According to
U/G Fiber Optics Cable LOS C (S.U.E.*)		End of Information ——
U/G Fiber Optics Cable LOS D (S.U.E.*)		

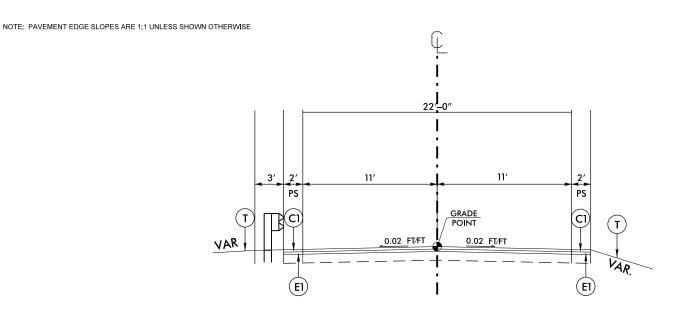
ATER: Vater Manhole -Vater Meter – Vater Valve Vater Hvdrant – J/G Water Line LOS B (S.U.E\*) —— J/G Water Line LOS C (S.U.E\*) —— J/G Water Line LOS D (S.U.E\*) —— Above Ground Water Line ——— V Pedestal — V Tower – J/G TV Cable Hand Hole —— J/G TV Cable LOS B (S.U.E.\*) J/G TV Cable LOS C (S.U.E.\*) —— J/G TV Cable LOS D (S.U.E.\*) ——— J/G Fiber Optic Cable LOS C (S.U.E.\*) --------AS: Gas Valve — Gas Meter ----J/G Gas Line LOS B (S.U.E.\*) ——— J/G Gas Line LOS C (S.U.E.\*) J/G Gas Line LOS D (S.U.E.\*)—— Above Ground Gas Line —— ANITARY SEWER: Sanitary Sewer Manhole — Sanitary Sewer Cleanout — J/G Sanitary Sewer Line —— Above Ground Sanitary Sewer —— SS Forced Main Line LOS D (S.U.E.\*) — FSS ISCELLANEOUS: Jtility Pole — Jtility Pole with Base —— Jtility Located Object —— Jtility Traffic Signal Box ——— J/G Tank; Water, Gas, Oil —— Jnderground Storage Tank, Approx. Loc. — UST √G Tank; Water, Gas, Oil —— Seoenvironmental Boring —— J/G Test Hole LOS A (S.U.E.\*) — **(2**) Abandoned According to Utility Records — **AATUR** 



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PAVEMENT SCHEDULE  (FINAL PAVEMENT DESIGN)				
C1	PROP. APPROX. 2" ASPHALT CONCRETE  SURFACE COURSE, TYPE S9.5C AT AN  AVGERAGE RATE OF 224 lbs/sy.	E1	PROP.APPROX. 4" ASPHALT CONCRETE  BASE COURSE TYPE B25.0C AT AN  AVERAGE RATE OF 456 LBS. PER SQ. YD.	
U	EXISTING ASPHALT	Т	SHOULDER RECONSTRUCTION	





#### TYPICAL SECTION NO. 1

- -L- Sta 14+16 TO Sta 15+57
- -L- Sta 17 + 82 TO Sta 20 + 63

## TYPICAL SECTION NO. 2 -L- Sta 21+43 TO Sta 24+17 -L- Sta 32+94 TO Sta 34+15

#### TYPICAL SECTION NO. 2

0.02 FT/FT

- -L- Sta 10+00 TO Sta 14+16
- -L- Sta 20+63 TO Sta 21+43
- -L- Sta 24+17 TO Sta 32+94
- -L- Sta 34+15 TO Sta 36+95