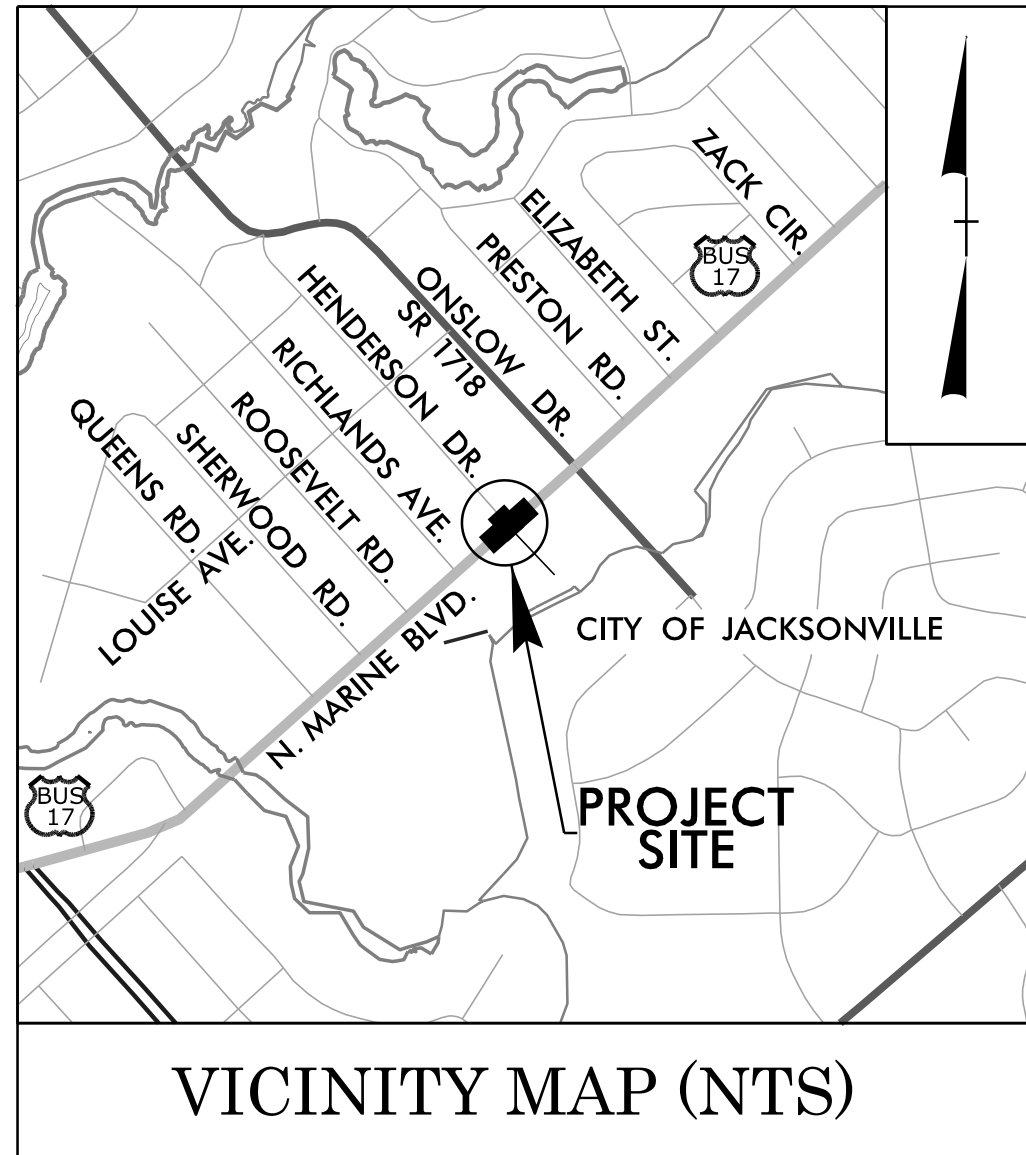


See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



90% PRE-PLFI SUBMITTAL - DECEMBER 26, 2025

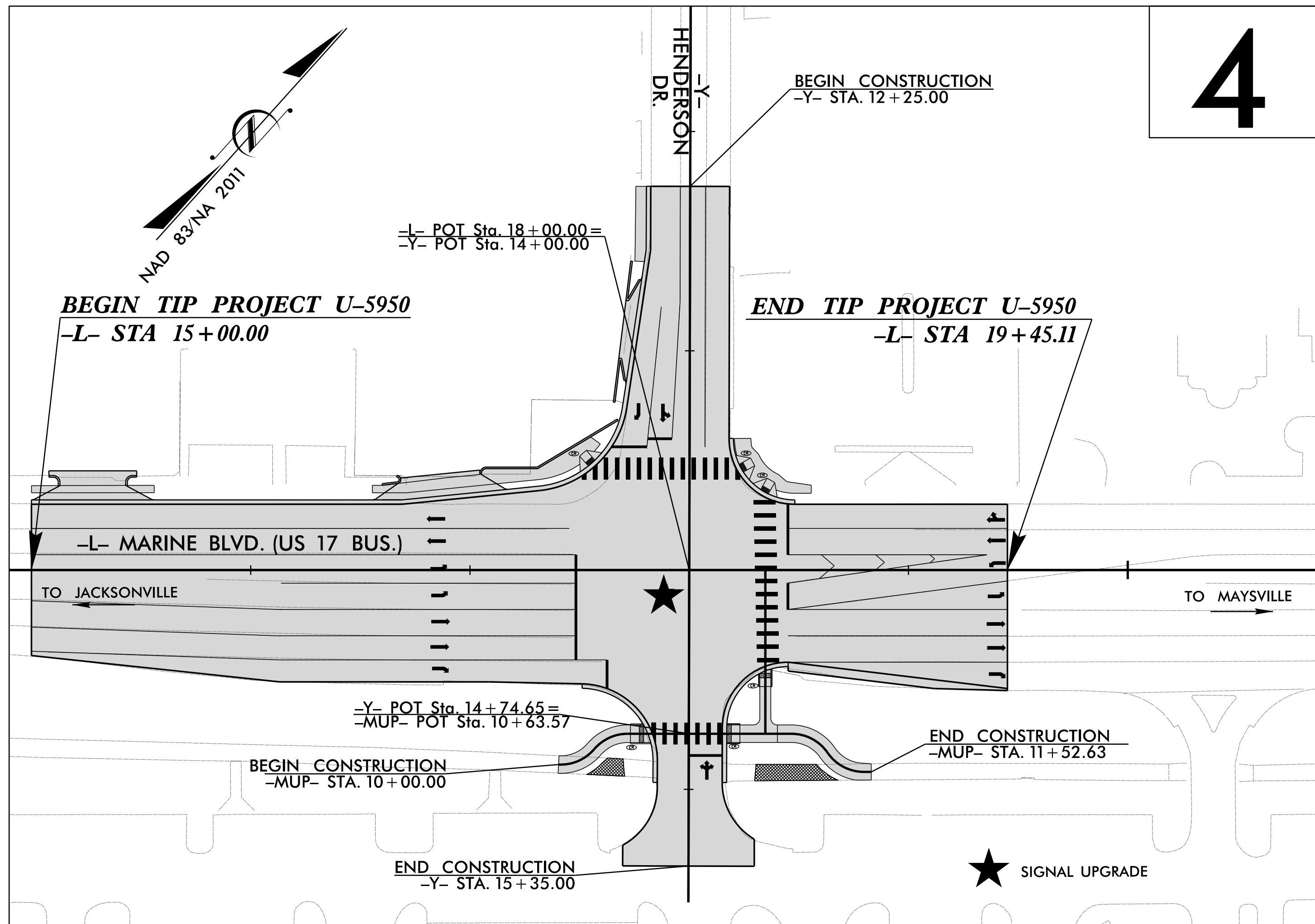
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

ONSLOW COUNTY

LOCATION: *US 17 BUSINESS (MARINE BOULEVARD) AT
SR 1336 (HENDERSON DRIVE). IMPROVE
INTERSECTION.*

TYPE OF WORK: *GRADING, DRAINAGE, PAVING, SIGNAL,
AND PAVEMENT MARKING*

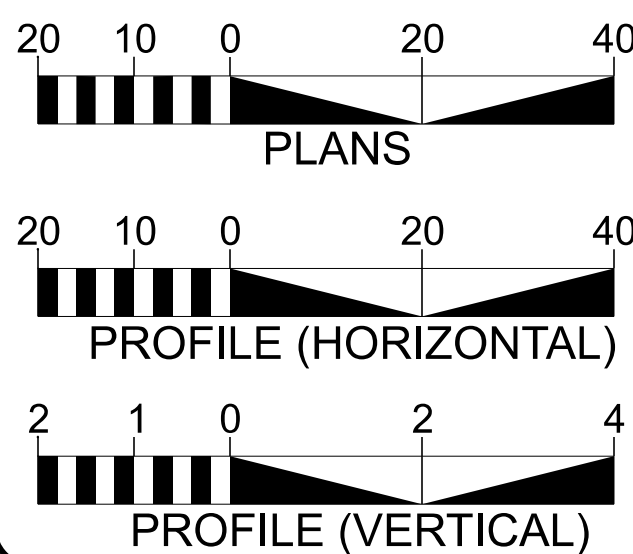
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5950	11	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
46895.1.1	N/A	PE	
46895.2.1	4689501	ROW	
46895.2.2	4689501	UTIL.	
46895.3.1	4689501	CONST.	



THIS PROJECT IS LOCATED WITHIN THE MUNICIPAL
BOUNDARIES OF THE CITY OF JACKSONVILLE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT 2017 = 33,700

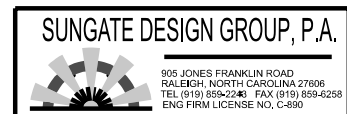
K = 10 %
D = 60 %
T = 4 % *
V = 50 MPH
* TTST = 1% DUAL 3%
FUNC CLASS =
URBAN PRINC. ARTERIAL
STATEWIDE TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT U-5950 = 0.084 MILES

TOTAL LENGTH OF TIP PROJECT U-5950 = 0.084 MILES

Prepared for the North Carolina Department
of Transportation in the Office of:



2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 17, 2025

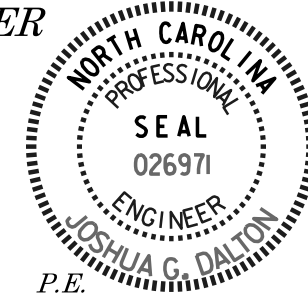
LETTING DATE:
AUGUST 6, 2026

AYMAN L. ALQUDWAH, P.E.
PROJECT ENGINEER

DAVID GARRETT
PROJECT DESIGN ENGINEER

ZACHARY HOWARD, PE
NCDOT CONTACT

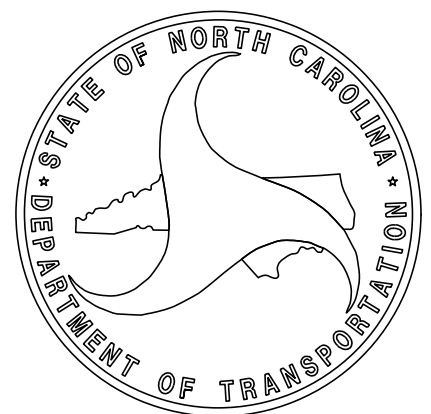
HYDRAULICS ENGINEER



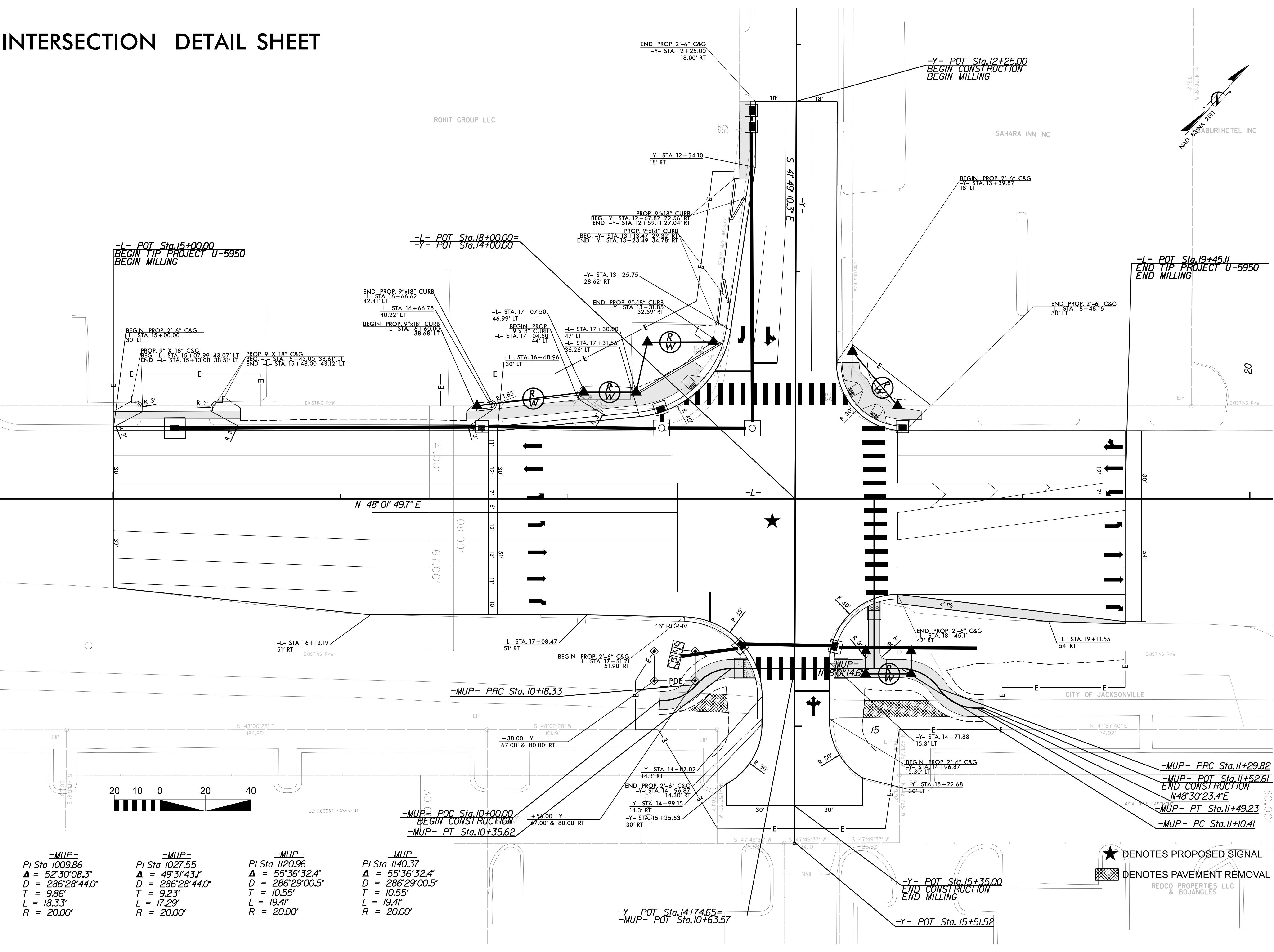
SIGNATURE: _____
ROADWAY DESIGN ENGINEER



SIGNATURE: _____



INTERSECTION DETAIL SHEET



-MUP- PI Sta 1009.86 Δ = 52°30'08.3" D = 286°28'44.0" T = 9.86' L = 18.33' R = 20.00'	-MUP- PI Sta 1027.55 Δ = 49°31'43.1" D = 286°28'44.0" T = 9.23' L = 17.29' R = 20.00'	-MUP- PI Sta 1120.96 Δ = 55°36'32.4" D = 286°29'00.5" T = 10.55' L = 19.41' R = 20.00'	-MUP- PI Sta 1140.37 Δ = 55°36'32.4" D = 286°29'00.5" T = 10.55' L = 19.41' R = 20.00'
--	--	---	---

- ★ DENOTES PROPOSED SIGNAL
- DENOTES PAVEMENT REMOVAL

U-5950

28-2

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ON-SLOW COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

AMAL L. ALOULOU
ENGINEER

HYDRAULICS
ENGINEER

JOSHUA G. DALTON
ENGINEER

PREPARED BY

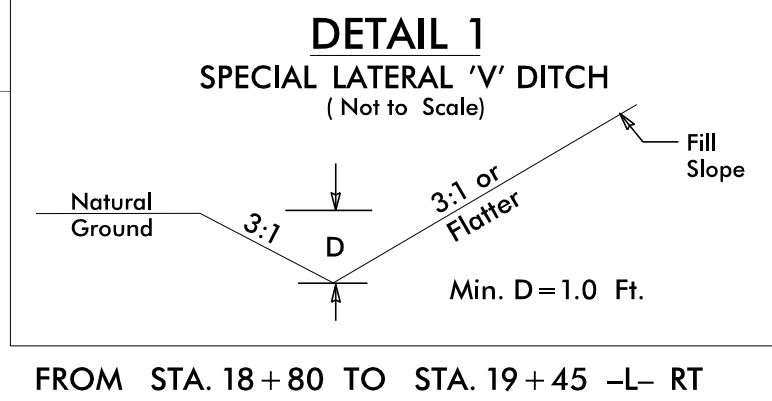
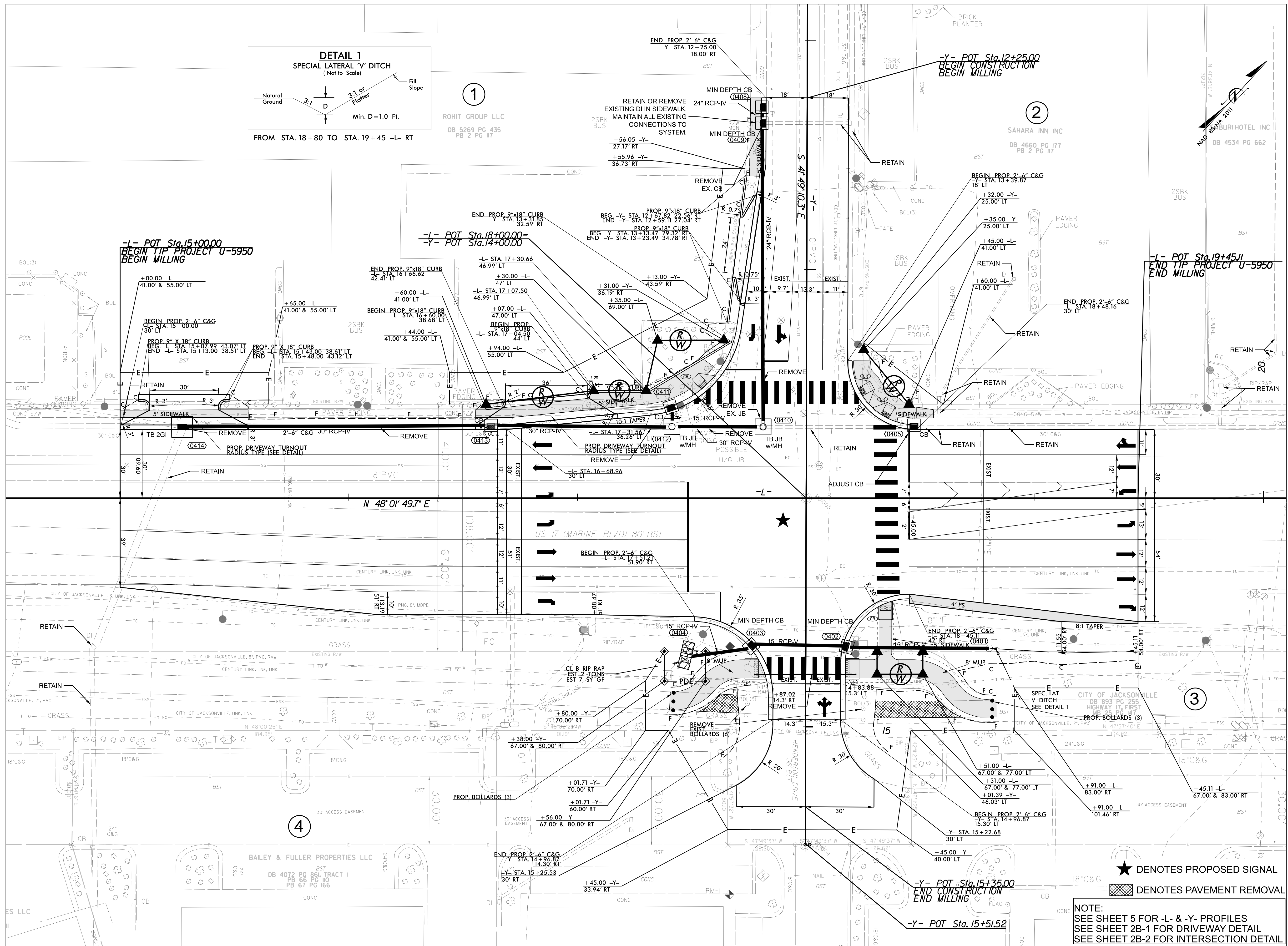
PLANS PREPARED BY:
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
400 JONES FARM ROAD
RALEIGH, NORTH CAROLINA 27603
TEL: 919.854.1345 FAX: 919.854.1346
END USER LICENSE NO. 0.880

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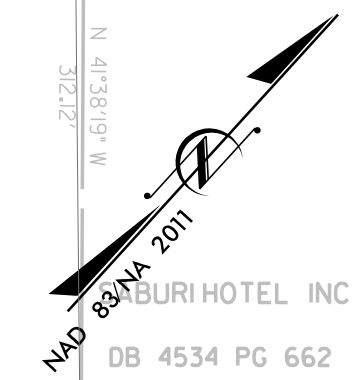
REVISIONS

1. This is a revision note. 01/01/2020 sat



1
ROHIT GROUP LLC
DB 5269 PG 435
PB 2 PG 117

2
SAHARA INN INC
DB 4660 PG 177
PB 2 PG 117



U-5950

4

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

PROFESSIONAL SEAL
AMIN L. ALJUMAYLI
ENGINEER
028387

HYDRAULICS
ENGINEER

PROFESSIONAL SEAL
KIMBERLY G. DALTON
ENGINEER
026971

PREPARED BY

PLANS PREPARED BY:
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RALEIGH, NORTH CAROLINA, 1991 854-1349
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E-MAIL: SDESIGN@SUNGATEDESIGN.COM
EPA FIRM LICENSE NO. C-000

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS

1. This is a revision note. 01/01/2020 not

NOTE:
SEE SHEET 5 FOR -L- & -Y- PROFILES
SEE SHEET 2B-1 FOR DRIVEWAY DETAIL
SEE SHEET 2B-2 FOR INTERSECTION DETAIL