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8/17/99

REVISIONS

LOCHNER

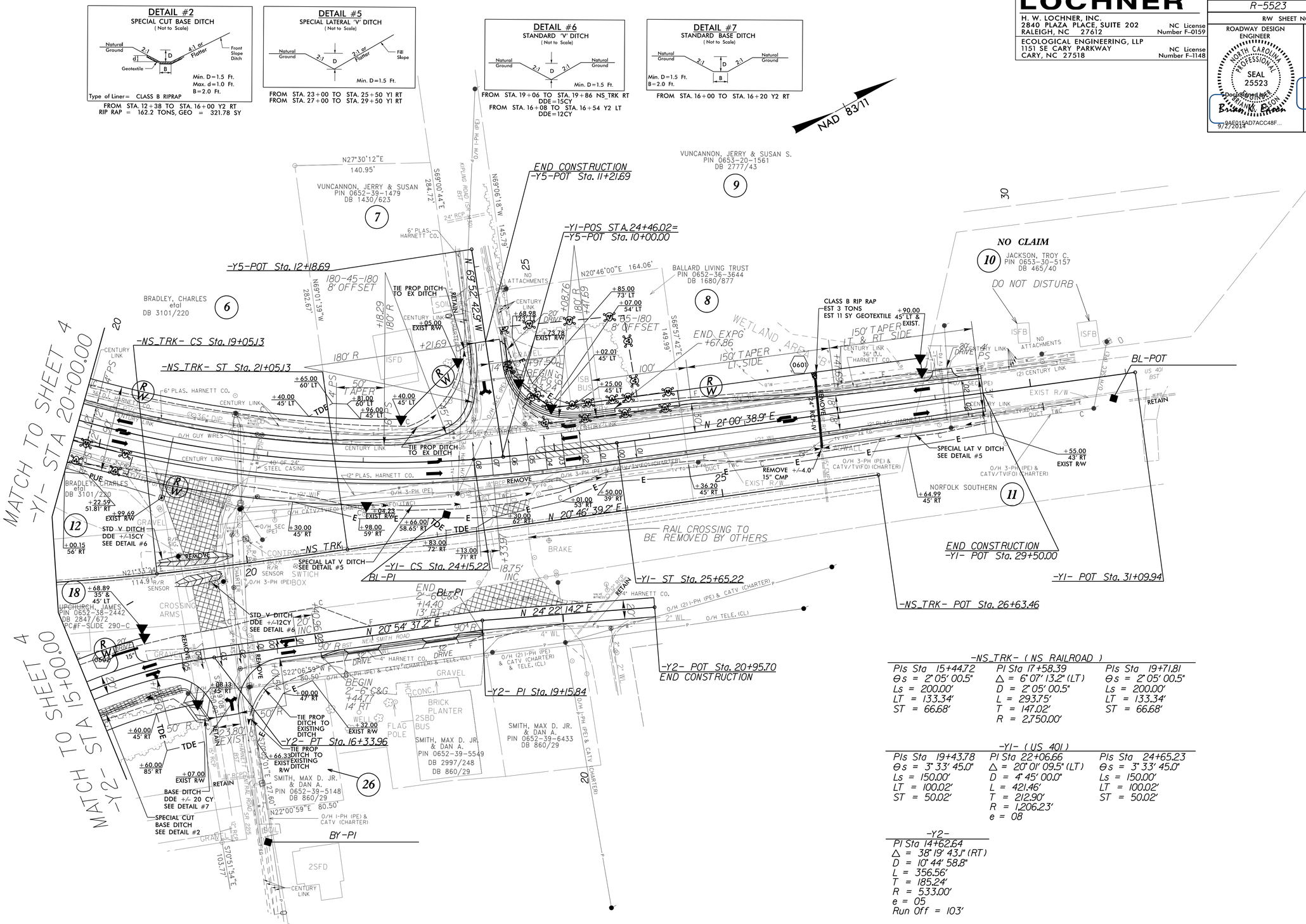
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202 — NC License Number F-0159
RALEIGH, NC 27612

ECOLOGICAL ENGINEERING, LLP
1151 SE CARY PARKWAY — NC License Number F-1148
CARY, NC 27518

PROJECT REFERENCE NO.	SHEET NO.
R-5523	6
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 25523 — BRIAN K. BROWN — DocuSigned by: Brian K. Brown — 9AE015AD7ACC48F... — 9/2/2014

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 20147 — FRANK P. HEMMING — DocuSigned by: Frank P. Hemming — 51A8D7A5C2104A... — 9/2/2014



-NS_TRK- (NS RAILROAD)

PIs Sta 15+44.72	PI Sta 17+58.39	PIs Sta 19+71.81
Θs = 2° 05' 00.5"	Δ = 6° 07' 13.2" (LT)	Θs = 2° 05' 00.5"
Ls = 200.00'	D = 2° 05' 00.5"	Ls = 200.00'
LT = 133.34'	L = 293.75'	LT = 133.34'
ST = 66.68'	T = 147.02'	ST = 66.68'
	R = 2,750.00'	

-Y1- (US 401)

PIs Sta 19+43.78	PI Sta 22+06.66	PIs Sta 24+65.23
Θs = 3° 33' 45.0"	Δ = 20° 01' 09.5" (LT)	Θs = 3° 33' 45.0"
Ls = 150.00'	D = 4° 45' 00.0"	Ls = 150.00'
LT = 100.02'	L = 421.46'	LT = 100.02'
ST = 50.02'	T = 212.90'	ST = 50.02'
	R = 1,206.23'	
	e = 08	

-Y2-

PI Sta 14+62.64
Δ = 38° 19' 43.1" (RT)
D = 10° 44' 58.8"
L = 356.56'
T = 185.24'
R = 533.00'
e = 05
Run Off = 103'

SEE SHEET 8 FOR -Y1- PROFILE
SEE SHEET 9 FOR -Y2- PROFILE

SYTIME
R:\Roadway\Proj\R5523_RDY_PSH6.dgn
$$$$USERNAME$$$$