PROJECT REFERENCE NO.	SHEET NO.
B-3157	5

MULKEY ENGINEERS & CONSULTANTS
PO Box 33127
Raleigh, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM

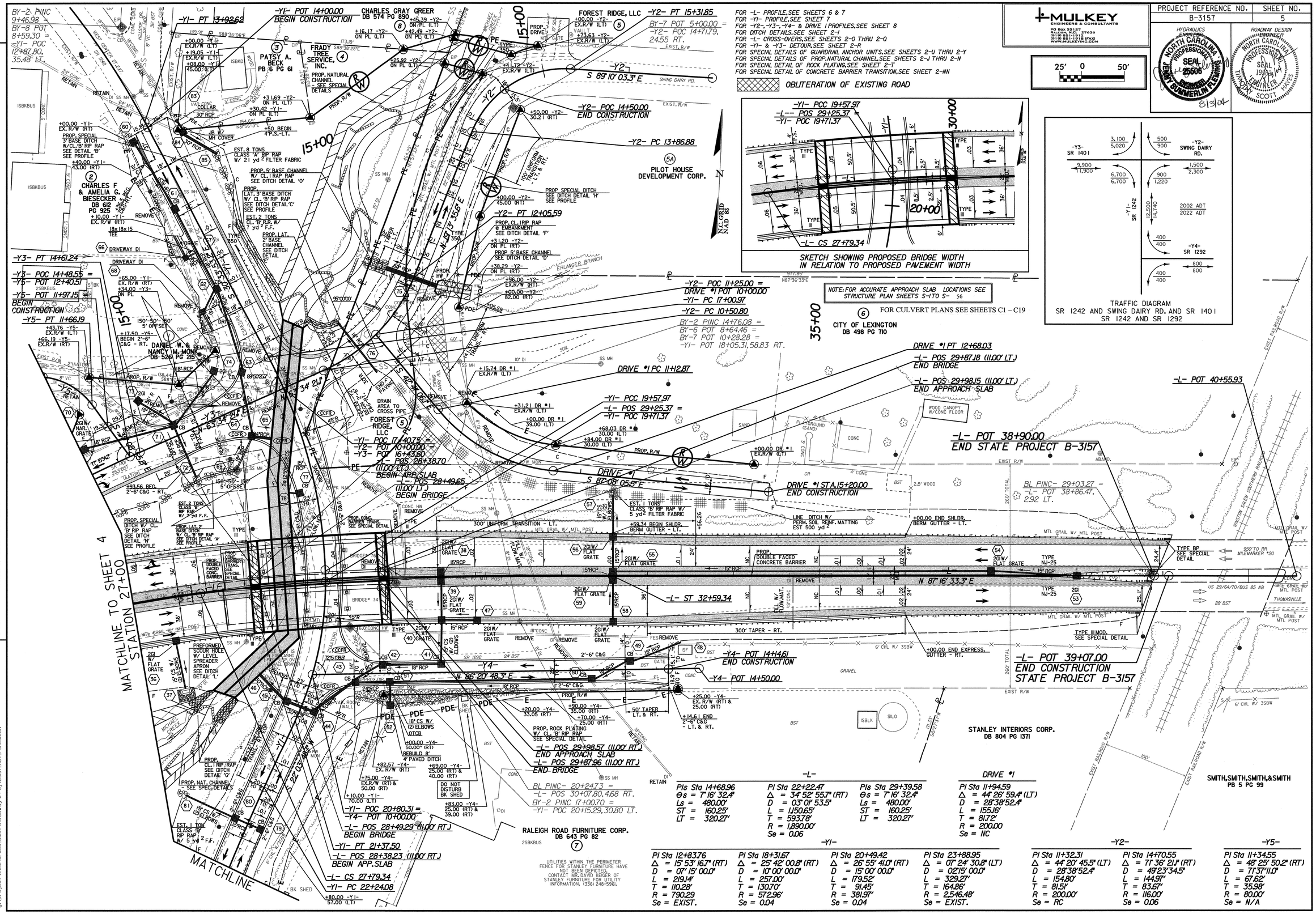
HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 25608 ENGINEER JENNY GUNNERLIN FLEMING — 8/3/04

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 19802 ENGINEER TIMOTHY SCOTT HAYES — 8/3/04

FOR -L- PROFILE, SEE SHEETS 6 & 7
FOR -Y1- PROFILE, SEE SHEET 7
FOR -Y2-, -Y3-, -Y4- & DRIVE 1 PROFILES, SEE SHEET 8
FOR DITCH DETAILS, SEE SHEET 2-I
FOR -L- CROSS-OVERS, SEE SHEETS 2-O THRU 2-Q
FOR -Y1- & -Y3- DETOUR, SEE SHEET 2-R
FOR SPECIAL DETAILS OF GUARDRAIL ANCHOR UNITS, SEE SHEETS 2-U THRU 2-Y
FOR SPECIAL DETAILS OF PROP. NATURAL CHANNEL, SEE SHEETS 2-J THRU 2-N
FOR SPECIAL DETAIL OF ROCK PLATING, SEE SHEET 2-T
FOR SPECIAL DETAIL OF CONCRETE BARRIER TRANSITION, SEE SHEET 2-NN

OBLITERATION OF EXISTING ROAD

25' 0 50'



-L-

PIs Sta 14+68.96	PI Sta 22+22.47	PIs Sta 29+39.58
Θs = 7°16' 32.4"	Δ = 34°52' 55.7" (RT)	Θs = 7°16' 32.4"
Ls = 480.00'	D = 03°01' 53.5"	Ls = 480.00'
ST = 160.25'	L = 1,150.65'	ST = 160.25'
LT = 320.27'	T = 593.78'	LT = 320.27'
	R = 1,890.00'	
	Se = 0.06	

DRIVE #1

PI Sta 11+94.59
Δ = 44°26' 59.4" (LT)
D = 28°38' 52.4"
L = 155.16'
T = 81.72'
R = 200.00
Se = NC

-Y1-

PI Sta 12+83.76	PI Sta 18+31.67	PI Sta 20+49.42	PI Sta 23+88.95
Δ = 15°53' 16.7" (RT)	Δ = 25°42' 00.8" (RT)	Δ = 26°55' 41.0" (RT)	Δ = 07°24' 30.8" (LT)
D = 07°15' 00.0"	D = 10°00' 00.0"	D = 15°00' 00.0"	D = 02°15' 00.0"
L = 219.14'	L = 257.00'	L = 179.52'	L = 329.27'
T = 110.28'	T = 130.70'	T = 91.45'	T = 164.86'
R = 790.29	R = 572.96'	R = 381.97'	R = 2,546.48'
Se = EXIST.	Se = 0.04	Se = 0.04	Se = EXIST.

-Y2-

PI Sta 11+32.31	PI Sta 14+70.55
Δ = 44°20' 45.5" (LT)	Δ = 71°36' 21.8" (RT)
D = 28°38' 52.4"	D = 49°23' 34.5"
L = 154.80'	L = 144.97'
T = 81.51'	T = 83.67'
R = 200.00'	R = 116.00'
Se = RC	Se = 0.06

-Y5-

PI Sta 11+34.55
Δ = 48°25' 50.2" (RT)
D = 71°37' 11.0"
L = 67.62'
T = 35.98'
R = 80.00'
Se = N/A

REVISIONS
DATE: – PARCEL 4; REVISED PARCEL NAME
PARCEL 5; CHANGED PERMANENT RIGHT OF WAY TO PERMANENT EASEMENT
PARCEL 5A; ADDED PARCEL
DATE: – PARCEL 5; ADDED PROP. DRIVE
– PARCEL 5; ADDED PERMANENT RIGHT OF WAY & ADJUSTED PERMANENT EASEMENT
– PER UTILITIES

07/28/2004 11:14:56 AM
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