PROJECT REFERENCE NO.	SHEET NO.
R-2911C	EC-36/CONST. 13
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L2-
PI Sta 130+12.43
△ = 7°16'02.8" (LT)
D = 0°30'00.0"
L = 1,453.49'
T = 727.72'
R = 11,459.16'
SE = NC
DS = 60 MPH

NC GRID (NAD 1983)

MATCH TO SHEET 12 STA. 113+00.00 -L2-

MATCH TO SHEET 14 STA. 125+00.00 -L2-

CLYDE S. WALLER
DB. 874 PG. 087
53A

W.B. KESLER
DB. 184 PG. 116
51

ALLISON BROTHERS RACE CARS, INC.
DB.738, PG.804
52

EZZIE D. GRAHAM
DB. 548 PG. 762
50

MAMIE I. KESLER
DB. 274 PG. 093
49

53C

54

49A

53B

BYII-45 POT 5+00.00 BYII=
POT II+40.82, 13.15 RT YII

-L2- POT Sta. 114+47.30=
YII POT Sta. 13+88.93

-L2- POT Sta. 114+53.34=
YIIA POT Sta. 10+00.00

YIIA POT Sta. 14+00.00
END CONSTRUCTION

POT Sta. 14+79.48

GPS 6 POT 111+91.89 BLL=
POT 114+79.99, 0.10 RT L2=
POT 7+60.14 BYII

BYII-46 POT 9+16.39 BYII=
POT II+62.15, 14.01 LT YIIA

POT Sta. 10+00.00
BEGIN CONSTRUCTION

20 x 10 x 3

18 x 9 x 3

18 x 8 x 3
4' weir

19 x 8 x 3
4' weir

SPECIAL DITCH GRADE
STA 122+00 - 123+50 -L- LT
SEE PROFILE FOR GRADE

SPECIAL DITCH
SEE DETAIL #6

LATERAL 2.0' BASE DITCH
SEE DETAIL #7

LATERAL V-DITCH
SEE DETAIL #5

TAIL DITCH
SEE DETAIL #1

CLEAN OUT
EXIST. 15" RCP
EST. +50'

COLLAR

RETAIN & EXTEND

RETAIN & EXTEND COLLAR

PCSta. 122+84.71

120+00

US 70 STATESVILLE BLVD

MOUNTAIN RD

TIE TO EXIST. DITCH

EXISTING R/W

EIP-REBAR

EIP-PIN

EIP-I BEAM

S71°12'45"E
199.98' (EIP-I BEAM-EIP-PIN)

S80°06'34"W
207.15' (EIP-I BEAM-COR)

S80°06'34"W
214.62' (COR-ROW)
214.0' (COR-EIP-REBAR)

S 4°30'14" W

S 5°11'46.8" W

S 71°14'20.4" E

N 81°25'45" E

N04°48'52"E
365.45' (EIP-REBAR-ROW)
365.45' (EIP-REBAR-EIP-REBAR)

N71°20'01"W
365.3'

TH 22 END FENCE +09.10
EL. 783.98' 16¾" WATER

TH 23 +68.0 61.4' EL. 782.74' 4¾" GAS

TH 24 +67.9 7.4' EL. 782.99' ¾" T FO CABLE

FS SEE SHT. 2E

TSD

ISMTLBUS (ABANDONED)

ISBLKBUS

ISFBUS

WTR

GR

CONC

S

3 GAS PUMPS U/MTL CANOPY

2'-6" CONCRETE CURB & GUTTER (TYP)

BEG FENCE +67.85 & C/A +67.85

END FENCE +99.10

BEG FENCE +69.10

END C/A BEG FENCE

END C/A END FENCE

RETAIN & EXTEND COLLAR

160' FULL

150' TAPER

290' MEDIAN TAPER

45' TAPER

60' TAPER

124' TAPER

15" RCP

18" RCP

24" RCP

440	800
MOUNTAIN ROAD	
US 70	
13,200	12,500
25,200	25,600
MOUNTAIN ROAD	
ADT 2005	660
2025	1,200

DETAIL 1
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — Natural Ground
EST. DDE = 3 CY
Min. D = 1.5 Ft.
TAIL DITCH
EST. DDE = 3 CY

DETAIL 5
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — b — 1'/Ft.
Min. D = 1.5 Ft.
b = 5.0 Ft.
LATERAL 'V' DITCH
-YIIA- Sta. 11+50.00 - 13+26.00 RT

DETAIL 6
(Not to Scale)
Natural Ground — 2:1 — D — 4:1 or Flatter — Front Ditch Slope
Min. D = 0.5 Ft.
SPECIAL CUT DITCH
-L2- Sta. 116+50.00 - 118+00.00 RT

DETAIL 7
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — b — 1'/Ft. — Fill Slope
B
Min. D = 1.5 Ft.
B = 2.0 Ft.
b = 5.0 Ft.
LATERAL BASE DITCH
-L2- Sta. 122+00.00 - 126+50.00 RT

DATE: $DATE$
TIME: $TIME$
$FILE$