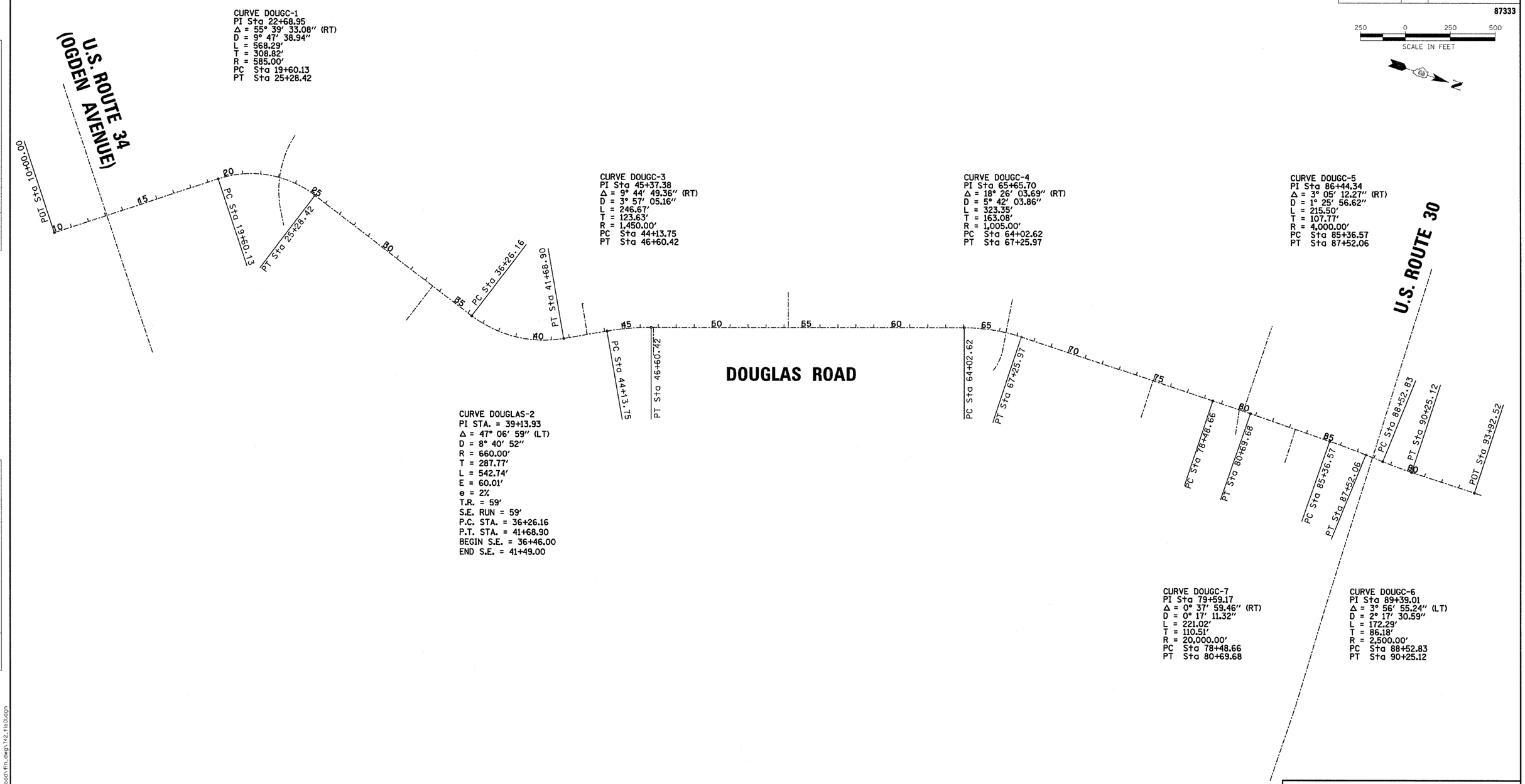
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2508	02-00039-00-PV	KENDALL	146	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

87333



CURVE DOUGC-1
PI Sta 22+68.95
Δ = 55° 39′ 33.08″ (RT)
D = 9° 47′ 38.94″
L = 568.29′
T = 308.82′
R = 585.00′
PC Sta 19+60.13
PT Sta 25+28.42

CURVE DOUGC-3
PI Sta 45+37.38
Δ = 9° 44′ 49.36″ (RT)
D = 3° 57′ 05.16″
L = 246.67′
T = 123.63′
R = 1,450.00′
PC Sta 44+13.75
PT Sta 46+60.42

CURVE DOUGC-4
PI Sta 65+65.70
Δ = 18° 26′ 03.69″ (RT)
D = 5° 42′ 03.86″
L = 323.35′
T = 163.08′
R = 1,005.00′
PC Sta 64+02.62
PT Sta 67+25.97

CURVE DOUGC-5
PI Sta 86+44.34
Δ = 3° 05′ 12.27″ (RT)
D = 1° 25′ 56.62″
L = 215.50′
T = 107.77′
R = 4,000.00′
PC Sta 85+36.57
PT Sta 87+52.06

CURVE DOUGLAS-2
PI STA. = 39+13.93
Δ = 47° 06′ 59″ (LT)
D = 8° 40′ 52″
R = 660.00′
T = 287.77′
L = 542.74′
E = 60.01′
e = 2%
T.R. = 59′
S.E. RUN = 59′
P.C. STA. = 36+26.16
P.T. STA. = 41+68.90
BEGIN S.E. = 36+46.00
END S.E. = 41+49.00

CURVE DOUGC-7
PI Sta 79+59.17
Δ = 0° 37′ 59.46″ (RT)
D = 0° 17′ 11.32″
L = 221.02′
T = 110.51′
R = 20,000.00′
PC Sta 78+48.66
PT Sta 80+69.68

CURVE DOUGC-6
PI Sta 89+39.01
Δ = 3° 56′ 55.24″ (LT)
D = 2° 17′ 30.59″
L = 172.29′
T = 86.18′
R = 2,500.00′
PC Sta 88+52.83
PT Sta 90+25.12

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. 2508 – DOUGLAS ROAD
(U.S. RTE 34 TO U.S. RTE 30)

ALIGNMENT, TIES AND BENCHMARKS

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

2:42:22 AM
3/28/2007
y:\jobs\smith\2001\010742_douglas\cad\fin_dwg\742_tie01.dgn