CONTRACT NO. 98963

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/64	(41-3)HBK	JEFFERSON	518	486
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED RAMP 'C' CURVE DATA

PROP. CURVE RAMPC-1
PI STA. = 504+92.65
Δ = 29° 08′ 19″ (LT)
D = 12° 19′ 18″
R = 465.00′
T = 120.86′
L = 236.48′
E = 15.45′
e = 8.0%
S.E. RUN = 220
ATTAIN STA 502+25.12 TO STA 504+45.12
REMOVE STA 505+34.95 TO STA 507+54.95
P.C. STA. = 503+71.79
P.T. STA. = 506+08.28

PROP. CURVE RAMPC-2
PI STA. = 514+86.36
Δ = 26° 27′ 14″ (RT)
D = 7° 32′ 20″
R = 760.00′
T = 178.63′
L = 350.90′
E = 20.71′
e = 8.0%
S.E. RUN = 260′
ATTAIN STA 511+34.40 TO STA 513+94.40
REMOVE SEE HIGHWAY STANDARD 406001-02
P.C. STA. = 513+07.73
P.T. STA. = 516+58.63

PROPOSED RAMP 'D' CURVE DATA

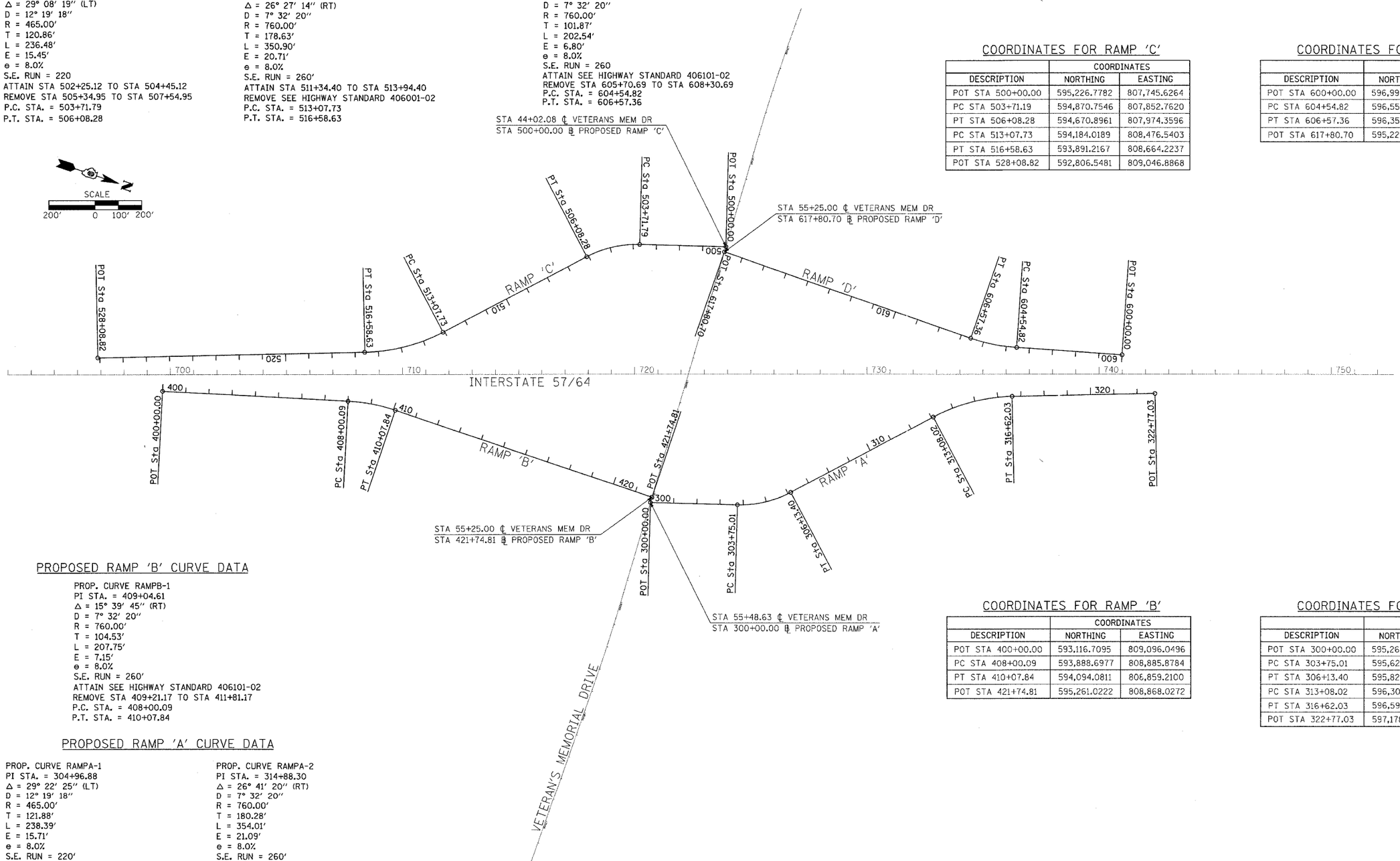
PROP. CURVE RAMPD-1
PI STA. = 605+56.69
Δ = 15° 16′ 10″ (RT)
D = 7° 32′ 20″
R = 760.00′
T = 101.87′
L = 202.54′
E = 6.80′
e = 8.0%
S.E. RUN = 260
ATTAIN SEE HIGHWAY STANDARD 406101-02
REMOVE STA 605+70.69 TO STA 608+30.69
P.C. STA. = 604+54.82
P.T. STA. = 606+57.36

COORDINATES FOR RAMP 'C'

DESCRIPTION	COORDINATES	
	NORTHING	EASTING
POT STA 500+00.00	595,226.7782	807,745.6264
PC STA 503+71.19	594,870.7546	807,852.7620
PT STA 506+08.28	594,670.8961	807,974.3596
PC STA 513+07.73	594,184.0189	808,476.5403
PT STA 516+58.63	593,891.2167	808,664.2237
POT STA 528+08.82	592,806.5481	809,046.8868

COORDINATES FOR RAMP 'D'

DESCRIPTION	COORDINATES	
	NORTHING	EASTING
POT STA 600+00.00	596,991.9918	807,652.1757
PC STA 604+54.82	596,551.2380	807,764.4135
PT STA 606+57.36	596,350.6542	807,787.8062
POT STA 617+80.70	595,227.4772	807,768.5388



PROPOSED RAMP 'B' CURVE DATA

PROP. CURVE RAMPB-1
PI STA. = 409+04.61
Δ = 15° 39′ 45″ (RT)
D = 7° 32′ 20″
R = 760.00′
T = 104.53′
L = 207.75′
E = 7.15′
e = 8.0%
S.E. RUN = 260′
ATTAIN SEE HIGHWAY STANDARD 406101-02
REMOVE STA 409+21.17 TO STA 411+81.17
P.C. STA. = 408+00.09
P.T. STA. = 410+07.84

PROPOSED RAMP 'A' CURVE DATA

PROP. CURVE RAMPA-1
PI STA. = 304+96.88
Δ = 29° 22′ 25″ (LT)
D = 12° 19′ 18″
R = 465.00′
T = 121.88′
L = 238.39′
E = 15.71′
e = 8.0%
S.E. RUN = 220′
ATTAIN STA 302+28.34 TO STA 304+48.34
REMOVE STA 305+40.07 TO STA 307+60.07
P.C. STA = 303+75.01
P.T. STA = 306+13.40

PROP. CURVE RAMPA-2
PI STA. = 314+88.30
Δ = 26° 41′ 20″ (RT)
D = 7° 32′ 20″
R = 760.00′
T = 180.28′
L = 354.01′
E = 21.09′
e = 8.0%
S.E. RUN = 260′
ATTAIN STA. 312+18.35 TO STA 314+78.35
REMOVE SEE HIGHWAY STANDARD 406001-03
P.C. STA = 313+08.02
P.T. = 316+62.03

COORDINATES FOR RAMP 'B'

DESCRIPTION	COORDINATES	
	NORTHING	EASTING
POT STA 400+00.00	593,116.7095	809,096.0496
PC STA 408+00.09	593,888.6977	808,885.8784
PT STA 410+07.84	594,094.0811	808,859.2100
POT STA 421+74.81	595,261.0222	808,868.0272

COORDINATES FOR RAMP 'A'

DESCRIPTION	COORDINATES	
	NORTHING	EASTING
POT STA 300+00.00	595,261.7427	808,891.6453
PC STA 303+75.01	595,620.8441	808,783.5850
PT STA 306+13.40	595,822.0280	808,660.6160
PC STA 313+08.02	596,303.4935	808,159.9276
PT STA 316+62.03	596,598.4592	807,970.0037
POT STA 322+77.03	597,178.4252	807,765.3959

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USER NAME = Ken

ALIGNMENT PLAN