F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2002-022 K	WILL	172	40
STA. 105+44.60 - 111+88 TO STA. 300+74.83 - 303+61				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62389				

PLAN

SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
STR. TITLE
ROAD SYS. NAME
NOTE BOOK
NO.
BY
DATE

PROFILE

SURVEYED
DRAWN
GRADES CHECKED
STR. TITLE
NOTE BOOK
NO.
BY
DATE
PROJECTION NOTATIONS CHKD

I-55 NORTHBOUND ENTRANCE RAMP A STA. 300+00 =
ILLINOIS ROUTE 53 STA. 1458+53

EXISTING CURVE SWRAMP-1

MATCH EXISTING
STA 105+44.60

PROPOSED 6' BITUMINOUS SHOULDER

106+43.53
9.16' LT

PT Sta 106+64.95

3435.60'R

105+54.69
17.13' RT

1500'R

106+20.85
9.42' RT

PROPOSED 8' BITUMINOUS SHOULDER

I-55 NORTHBOUND EXIT RAMP D

PC Sta 108+06.26

107+43.84
12.88' LT

107+76.05
13.03' LT

EXISTING CURVE SWRAMP-2

PT Sta 108+83.38

109+61.54
34.17' LT

109+75.21
24.00' LT

50:1 TAPER (200')

4'R

30:1 TAPER (300')

+23.66

108+58.77
18.57' RT

109+58.47
35.03' RT

109+75.21
24.00' RT

PROPOSED CURB & GUTTER TY B-6.24, (TYP.)

110+62.63
29.94' RT

CONCRETE ISLAND
(SPECIAL)

PROPOSED PCC PAVEMENT

SW FRONTAGE ROAD

EXISTING R.O.W.

495+00

L10+00

+50

111+34.63
2.83' RT

75'R

145'R

111+93.17
24.00' LT

+34.63

PROPOSED CURB &
GUTTER TY
B-6.24 (TYP.)

151' TAPER (135')

285' STORAGE

225' STORAGE

48'

12'

60'

66°

5'R

24'

36'

110°

300+00

+65.81

+46.27

ILLINOIS ROUTE 53

10.0' R

P.C.C.

29:1 TAPER (170') (TYP.)

200' STORAGE

48'

12'

EXISTING I-55 EDGE OF PAVEMENT

PROPOSED CURB & GUTTER TY B-6.24 (TYP.)

PROPOSED RETAINING WALL SYSTEM STA. 1459+32 TO STA. 1462+90

PROPOSED P.C.C. SIDEWALK (TYP.)

PROPOSED PCC PAVEMENT

300+94.27
39.47' LT

301+06.83
12.24' RT

301+45.91
29.63' LT

301+92.67
33.17' LT

302+54.74
19.56' LT

PROPOSED 6' BITUMINOUS SHOULDERS

I-55 NORTHBOUND ENTRANCE RAMP A

400'R

500'R

302+95.78
19.67' LT

+61

+79.98

4'R

+52.05

4'R

25'

6'

135'R

110'R

PC Sta 301+63.65

301+62.27
39.85' RT

301+06.96
14.57' RT

301+19.18
37.59' RT

CONCRETE ISLAND
(SPECIAL)

PROPOSED PCC PAVEMENT

I-55 NORTHBOUND EXIT RAMP D STA. 112+46 =
ILLINOIS ROUTE 53 STA. 1458+31

PROPOSED CURB & GUTTER TY B-6.24, (TYP.)

1456+61.43
11.64' RT

38:1 TAPER (230')

MATCH EXISTING
STA 303+61

EXISTING CURVE SERAMP-1

L305+00

410+00

PC Sta 306+17.74

PT Sta 307+23.33

SE FRONTAGE ROAD

EXISTING R.O.W.

Sta 305+91
160' RT

405+00

N

50 0 50 100
SCALE IN FEET

EXISTING CURVE SWRAMP-1 'RAMP D'
PI STA. = 105+62.46
Δ = 5° 52' 40" (RT)
D = 2° 51' 53"
R = 2,000.00'
T = 102.68'
L = 205.18'
E = 2.63'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 104+59.78
P.T. STA. = 106+64.95

EXISTING CURVE SWRAMP-2 'RAMP D'
PI STA. = 108+44.84
Δ = 4° 25' 08" (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 38.58'
L = 77.12'
E = 0.74'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 108+06.26
P.T. STA. = 108+83.38

EXISTING CURVE SERAMP-1 'RAMP A'
PI STA. = 303+95.12
Δ = 27° 23' 12" (LT)
D = 6° 01' 52"
R = 950.00'
T = 231.47'
L = 454.09'
E = 27.79'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 301+63.65
P.T. STA. = 306+17.74

I-55 NORTHBOUND EXIT RAMP D

EXISTING & PROPOSED I-55 NORTHBOUND EXIT RAMP D PROFILE

ILLINOIS ROUTE 53 EXISTING EDGE OF PAVEMENT STA. 111+85

ILLINOIS ROUTE 53 EXISTING EDGE OF PAVEMENT STA. 301+57

I-55 NORTHBOUND ENTRANCE RAMP A

EXISTING & PROPOSED I-55 NORTHBOUND ENTRANCE RAMP A PROFILE

715 710 705 700 695 690 685

707.34 707.38 707.30 706.85 706.28 705.56 704.70 703.65 702.68 701.96 701.32 701.32 701.30 701.30 701.71 701.71 702.30 702.30 702.51 701.65 700.96 700.71 701.05 701.54 702.64 702.53 703.03 703.52 704.11 704.87 705.59 706.39 707.06 707.55 707.73 707.71 707.35

106+00 107+00 108+00 109+00 110+00 111+00 112+00 300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00 309+00

REVISIONS	
NAME	DATE

DMJM HARRIS
303 East Wacker Drive, Suite 600
Chicago, Illinois, 60601 Phone: 312.321.6101 Fax: 312.396.2392

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN & PROFILE
I-55 NORTHBOUND EXIT RAMP D
STA 105+45 TO STA 111+85
I-55 NORTHBOUND ENTRANCE RAMP A
STA 301+57 TO STA 303+61

SCALE: 1"=50' DRAWN BY: CC
DATE: 12/23/2004 CHECKED BY: RI

OCTOBER, 2004

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