

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

✕ TREE REMOVAL
 NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25 FOR UNDERDRAIN LOCATIONS.
 SEE CROSS SECTIONS FOR BERM LOCATED AT STA. 30+00.00 RAMP B TO STA. 33+00.00 RAMP B

B.M. 17B - STA. 240+00, 0.00' LT. ELEV. 694.38
 IRON PIN BURIED 12" AT CL STA. 240+00.00

METAL END SECTION, 12"
 STA. 21+29.97, 43.97' RT
 INVERT ELEV. - 691.52
 W/CONCRETE THRUST BLOCK

PLACE WOVEN WIRE FENCE, 4'
 ALONG PROPOSED R.O.W., BEGIN AT STA. 233+85.00, 65' RT. (C.H. 18) AND END AT STA. 39+00.00, 48.54' RT. (RAMP B), 2432'

GRATE, TYPE A
 STA. 21+29.97, 8.75' RT
 REF. ELEV. - 700.73
 INV. ELEV. - 699.06
 PIPE DRAIN, 12" - 36 L.F.

PROP. CURVE SONCURVE-4
 PI STA. = 33+65.79
 $\Delta = 53^\circ 54' 59''$ (RT)
 $D = 6^\circ 44' 26''$
 $R = 850.00'$
 $T = 432.32'$
 $L = 799.87'$
 $E = 103.62'$
 $S.E. = 6\%$
 P.C. STA = 29+33.48
 P.T. STA = 37+33.34
 ATTAIN FULL SUPER FROM STA. 28+08.61 TO STA. 29+99.48
 REMOVE TO NORMAL CROWN FROM STA. 36+02.94 TO STA. 48+82.94

PROP. CURVE SONCURVE-3
 PI STA. = 24+95.97
 $\Delta = 32^\circ 47' 26''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 191.25'$
 $L = 372.00'$
 $E = 27.55'$
 $S.E. = 6\%$
 P.C. STA = 23+04.73
 P.T. STA = 26+76.73
 ATTAIN FULL SUPER FROM STA. 21+83.73 TO STA. 23+63.73
 REMOVE TO 0% SUPER FROM STA. 26+17.73 TO STA. 28+08.61

EXISTING I-57 CURVE
 PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,102.05'$
 $L = 2,177.50'$
 $E = 105.02'$
 $S.E. = 2\%$
 P.C. STA = 882+88.74
 P.T. STA = 904+66.24

PRECAST BOX CULVERT 6' X 3' (M273) - 76 L.F.
 U.S.F.L. 30+00.00, 54.00' LT. ELEV: 677.50
 D.S.F.L. 30+00.00, 34.00' RT. ELEV: 677.30
 2 PRECAST CONCRETE BOX CULVERT END SECTIONS WITH GRATING

REMOVE WOVEN WIRE FENCE FROM STA. 39+00.00 RAMP B TO STA. 14+34.31 RAMP A, 3803'

PP-341

5513013
 JOSEPH ROY ALLENBAUGH

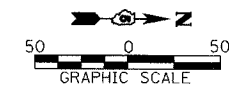
RIPRAP STILLING BASIN
 SEE DETAIL SHEET NO. 116

SEE RAMP PROPOSED TYPICAL SECTIONS, SHEET NO. 7 & 8 FOR SUPERELEVATION INFO.

5513013
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STA. 21+81.79
 SEE RAMP A&B INTERSECTION DETAIL FOR MORE INFORMATION

STA. 36+03.34
 SEE RAMP B TERMINAL DETAIL FOR MORE INFORMATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCHANGE PLAN
 RAMP B
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=50'
 DATE: 07/13/2005

DRAWN BY: DJP
 CHECKED BY: SKM

B.M. I-1 - STA. 887+50, 0' LT. ELEV. 680.29
 CHISELED SQUARE ON CONCRETE INLET AT CL STA. 887+50 ON I-57



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LAYOUT: DJP/SKM 03/28/03 07/13/2005
 DRAWN: DJP 04/28/03
 REVIEWED: JRM 05/07/03
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