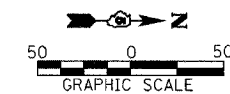
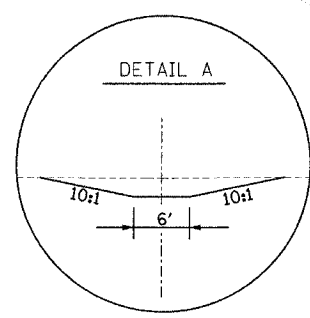


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



✕ TREE REMOVAL
 NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25 FOR UNDERDRAIN LOCATIONS.



PLACE WOVEN WIRE FENCE, 4' ALONG PROPOSED R.O.W., BEGIN AT STA. 14+34.31, 45' RT. (RAMP A) AND END AT STA. 233+85.00, 60' LT. (C.H. 18), 2732'

2 PIPE CULVERT TYPE I, RCCP 36" - 48 L.F. EACH
 U.S.F.L. 23+50.00, 24.00' RT., ELEV: 684.25
 D.S.F.L. 23+50.00, 40.00' LT., ELEV: 684.00
 SKEW ANGLE 90°
 4 REINFORCED CONCRETE FLARED END SECTIONS 36"

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EXISTING FIELD TILE
 SW 1/4 SEC. 33

MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
 18+77.00, 45.00' RT., RIM ELEV. 685.24
 INVERT ELEV. FIELD VERIFY

EXISTING INLET
 EXISTING FIELD TILE (APPROXIMATE LOCATION)

PIPE UNDERDRAIN 4"
 STA. 18+70.09, RAMP A
 SEE RAMP A TERMINAL DETAIL FOR MORE INFORMATION
 PC Sta 18+00.09
 PT Sta 18+00.09

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

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STA. 241+21.02 @ C.H. 18 =
 STA. 35+91.60 @ RAMP A

METAL END SECTION, 12"
 STA. 34+73.12, 35.31' RT
 INVERT ELEV. - 693.12
 W/CONCRETE THRUST BLOCK

PIPE UNDERDRAIN, 4"
 GRATE, TYPE A
 STA. 34+73.12, 8.75' RT
 REF. ELEV. - 700.92
 INVERT ELEV. - 699.25
 PIPE DRAIN, 12"-27 L.F.

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SEE RAMP PROPOSED TYP. SECTIONS, SHEET NO'S. 7 - 8 FOR SUPERELEVATION INFO.

PROP. CURVE SOFFCURVE-4
 PI STA. = 30+77.71
 $\Delta = 47^\circ 42' 51''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 287.46'$
 $L = 541.30'$
 $E = 60.73'$
 $S.E. = 6\%$
 P.C. STA = 27+90.25
 P.T. STA = 33+31.55
 ATTAIN FULL SUPER FROM STA. 26+19.23 TO STA. 28+49.25
 REMOVE TO NORMAL CROWN FROM STA. 32+72.55 TO STA. 34+52.55

EXISTING I-57 CURVE
 PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,102.05'$
 $L = 2,177.50'$
 $E = 105.02'$
 $S.E. = 2.00\%$
 P.C. STA = 882+88.74
 P.T. STA = 904+66.24

SEE WETLAND GRADING PLAN SHEET NO. 109

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REMOVE WOVEN WIRE FENCE FROM STA. 39+00.00 RAMP B TO STA. 14+34.31 RAMP A, 3,803'

EXISTING RISER
 N - 1,040,386.429
 E - 989,838.341
 ELEV = 682.48

N - 1,040,460.513
 E - 989,793.661
 ELEV = 683.00

6' WIDE DITCH WITH 10:1 SIDESLOPES
 SEE DETAIL A

N - 1,040,562.054
 E - 989,732.420
 ELEV = 683.00

N - 1,040,699.321
 E - 989,649.634
 ELEV = 684.00

PROP. CURVE SOFFCURVE-3
 PI STA. = 21+44.89
 $\Delta = 44^\circ 09' 36''$ (RT)
 $D = 6^\circ 44' 26''$
 $R = 850.00'$
 $T = 344.80'$
 $L = 655.13'$
 $E = 67.27'$
 $S.E. = 6\%$
 P.C. STA = 18+00.09
 P.T. STA = 24+55.21
 ATTAIN FULL SUPER FROM STA. 16+60.09 TO STA. 18+70.09
 REMOVE TO 0% SUPER FROM STA. 23+89.21 TO STA. 26+19.23

B.M. 800C - STA. 250+81, 52' LT. ELEV. 683.69
 NAIL IN LONE POST NEAR S.W. CORNER OF WOODED AREA AROUND POND

B.M. I-2 - STA. 907+10, 84' RT. ELEV. 686.20
 CHISELED SQUARE ON NORTH END OF EAST HEADWALL OF STRUCTURE 8311, 30' EAST OF CL OF NORTH BOUND I-57.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCHANGE PLAN
 RAMP A
 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



LA:0111 D:\P\35M\0729\03 07/13/2005
 DRAWN: DJP 10/29/03
 REVISIONS: JRB 10/29/03
 1497.0655/97.202289/CWI/SMB/c-531/m.dgn