PROP. ROADWAY C CURVE C43
PI STA. = 22+51.31
Δ = 3° 38′ 37″ (RT)
D = 0° 51′ 41″
R = 6,651.34′
T = 211.56′
L = 422.98′
E = 3.36′
P.C. STA. = 20+39.74
P.T. STA. = 24+62.73

PROP. ROADWAY C CURVE C45
PI STA. = 32+27.00
Δ = 25° 19′ 52″ (LT)
D = 3° 10′ 09″
R = 1,807.88′
T = 406.28′
L = 799.28′
E = 45.09′
e = 6.00%
T.R. = 42.50′
S.E. RUN = 170.00′
P.C. STA. = 28+20.72
P.T. STA. = 36+20.00
SE ATTAINED STA. 28+60.55
TO STA 28+84.14 (5.45% TO 6.00%)

EXIST. CURVE I57SRC-1
PI STA. = 5032+76.40
Δ = 42° 31′ 30″ (RT)
D = 3° 10′ 09″
R = 1,807.88′
T = 703.50′
L = 1,341.81′
E = 132.05′
e = 6.00%
T.R. = 56.70′
S.E. RUN = 170.00′
P.C. STA. = 5025+72.90
P.T. STA. = 5039+14.71

STA 2044+51.39 ℄ ROADWAY B =
STA 5029+52.21 ℄ ROADWAY C

EB FAI ROUTE 70 ROADWAY B

PROPOSED STONE RIPRAP, CLASS A3

PROPOSED PIPE CULVERTS, 24″ SEE ROADWAY B DRAINAGE SHEETS FOR DETAILS

PROPOSED STONE RIPRAP, CLASS A4

MATCH LINE STA. 5028+00.00 (EXIST)

RAMP F

RAMP D

CURVE I57SRC-1

MATCH LINE STA. 24+50.00

PT STA 24+62.73

PC STA 28+20.72

PT STA 5039+14.71

PROPOSED STONE RIPRAP, CLASS A4

REMOVE EXISTING FLARED END SECTION

CURVE C45

WB FAI ROUTE 70 ROADWAY A

STA 33+00.00 ℄ SB FAI 57 ROADWAY C= STA 5033+91.74 ℄ EXIST ROADWAY C

SB FAI ROUTE 57 ROADWAY C

PT STA 36+20.00 SB FAI 57 ROADWAY C= STA 5030+71.74 EXISTING ROADWAY C

REMOVE EXISTING FLARED END SECTION

STA 32+96.20
EXTEND EXISTING 54″ PIPE ON BOTH SIDES WITH PROPOSED PIPE CULVERTS, CLASS A, TYPE 2 54″ (WITH CONNECTION COLLAR) WITH CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 54″ AND CONNECT INTO BOX CULVERT ON RIGHT SIDE
FOR DETAILS SEE CULVERT PROFILE SHEETS
DSFL 518.92

PROPOSED STONE RIPRAP, CLASS A4

NOTE: STATIONING OF EXISTING ROADWAY C IS REVERSED.

0 50′ 100′

EXISTING PROFILE ALONG ℄ ROADWAY C

PROPOSED PROFILE

PROPOSED PROFILE ROADWAY C BEGINS STA 25+02.04 ELEV 563.66

VPI STA 28+60.55 ELEVATION 559.52

250.00′ V.C.

-1.15%

-1.96%

-1.36%

-0.52%

547.00

183.00′ V.C.

STA 29+00.00 ELEV 546.95

VPI STA 31+50.00 ELEVATION 554.13

PROPOSED PROFILE ROADWAY C ENDS STA 33+00.00 ELEV 553.38

33+00.00 5033+91.74

EXISTING PROFILE ALONG ℄ ROADWAY C

5030+50.00

RESURFACING OMISSION

5028+47.50

PROPOSED PROFILE

PROPOSED RESURFACING PROFILE IS CONTROLLED BY MATCHING EXISTING AT THE CENTERLINE EXISTING ROADWAY C

PROPOSED RECONSTRUCTION

PROPOSED RESURFACING

FAI 70 EB ROADWAY B

PG 532.55

PROPOSED PROFILE ROADWAY C IS CONTROLLED BY PROPOSED PROFILE WB FAI 70 ROADWAY A PROFILE AND CROSS SLOPE

SPECIAL DITCH LT SLOPE -15.62%

SPECIAL DITCH LT SLOPE 1.35%

STA 30+72.13 ELEV 523.50

STA 31+83.50 ELEV 525.00

STA 32+96.20 EXISTING 54″ PIPE TO BE EXTENDED BOTH SIDES ELEV 521.02

SPECIAL DITCH LT SLOPE 0.56%

STA 35+50.00 ELEV 527.06

560 555 550 545 540 535 530 525 520

LEFT DITCH ELEV

564.64 564.16 | 564.11 563.68 | 563.50 563.11 | 562.82 562.53 | 562.20 561.95 | 561.52 561.37 | 560.69 560.80 | 559.82 560.20 | 558.93 559.52 | 557.91 558.74 | 556.98 557.86 | 556.04 556.93 | 555.40 556.02 | 554.69 555.23 | 554.15 554.57 | 553.80 554.04 | 553.54 553.65 | 553.38 553.38 | 553.28 553.28 | 553.19 553.19 | 553.14 553.14 | 553.22 553.22 | 553.45 553.45 | 553.83 553.81 | 554.25 554.19 | 554.72 | 555.01 | 555.30 | 555.70 | 556.15 556.15

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 5033+00 5032+00 5031+00 5030+00 5029+00 5028+00

FILE NAME = S:\Projects\V403-08072.57-TR\dgn\S Tri Level Rdwy C.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	
		DRAWN - PDB	REVISED -	
	PLOT SCALE = 100.0000 ′ / IN.	CHECKED - BRM	REVISED -	
	PLOT DATE = 3/19/2010	DATE - 2-25-08	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE, SOUTH TRI LEVEL ROADWAY C

SCALE: 1″=50′ | SHEET NO. 16 OF 27 SHEETS | STA. 24+50.00 TO STA. 5028+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	275
		CONTRACT NO. 74296		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN / PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, BM, NOTED, STRUCTURE NOTATNS CHKD — NOTE BOOK, NO. — BY, DATE