PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

MATCH LINE STA. 17+50.00

5345+00 | 2350+00 | 5340+00 | 2345+00 | 2340+00 | 2335+00 | 2330+00 | 20+00 | 25+00 | 30+00

NB FAI ROUTE 57 ROADWAY D
EB FAI ROUTE 70 ROADWAY B
WB FAI ROUTE 70 ROADWAY A
℄ FAI ROUTE 57/70
EB FAI ROUTE 57/70
℄ SB I-57 ROADWAY C
CURVE C67
CONSTRUCTION LIMITS
EXISTING ROW LINE
EXISTING FRONTAGE ROAD
PAVED DITCH

(39) PROPOSED STORM SEWER, CLASS A, TYPE 1, 36" RCP
(40) EXISTING INLET TO BE REMOVED
(41)

℄ 590.77
℄ 590.63
℄ 586.87
℄ 581.01
℄ 570.19
℄ 569.35

INLET
10' X 8' RCBC
36" CMP
145'
+24.00
+80.00
+63.29
+46.09
20'
2' 6' 12' 12' 2'

STONE RIPRAP, CLASS A4
STONE RIPRAP, CLASS A4
EXISTING PIPE CULVERT TO REMAIN
PT STA 28+85.82
EXISTING BOX CULVERT TO REMAIN

EXIST. CURVE 170N
PI STA. = 5375+89.51
Δ = 76° 35' 42" (LT)
D = 1° 20' 59"
R = 4,245.24'
T = 3,352.39'
L = 5,675.19'
E = 1,164.07'
e = 4.30%
T.R. = 45.00'
S.E. RUN = 129.00'
P.C. STA. = 5342+37.12
P.T. STA. = 5399+12.31

STA 20+63.92
EXISTING 36" PIPE CULVERT TO BE EXTENDED ON RIGHT SIDE WITH PROPOSED PIPE CULVERTS, CLASS A, TYPE 1, 36" AND REMOVE AND RELAY FLARED END SECTION
DSFL=590.73

PROP. ROADWAY C
CURVE C67
PI STA. = 19+58.36
Δ = 25° 09' 26" (RT)
D = 1° 20' 02"
R = 4,295.00'
T = 958.36'
L = 1,885.82'
E = 105.62'
e = 4.30%
T.R. = NA
S.E. RUN = NA
P.C. STA. = 10+00.00
P.T. STA. = 28+85.82
SE REMOVED STA. 25+97.18 TO STA 30+89.99 (4.30% TO 1.50%)

NOTE: FOR STORM SEWER PROFILE INFORMATION SEE STORM SEWER PROFILE SHEETS

NOTE: FOR CLARITY THE MEDIAN CONCRETE BARRIER HAS NOT BEEN PRESENTED ON THE DRAINAGE SHEETS.

NOTE: STATIONING OF ROADWAY A, B, AND D IS REVERSED

(39) STA 18+74.84, 49.00' LT
PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 36"
FL. 592.36

(40) STA 19+00.00, 24.00' LT
PROPOSED MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID WITH FLAT TOP SLAB
GR. 597.08
FL. 592.20

(41) STA 20+41.80, 24.20' LT
PROPOSED MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID WITH FLAT TOP SLAB
GR. 596.59
FL. 590.77

0 50' 100'

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

605 600 595 590 585 580 575 570 565

240.00' V.C.

-0.67% +0.60% +0.60% +0.61%

VPI STA. 24+50.00 ELEVATION 594.12
VPI STA. 25+97.18 ELEVATION 595.00

SPECIAL DITCH RT SLOPE = -0.84%
SPECIAL DITCH RT SLOPE = -0.13%
SPECIAL DITCH RT SLOPE = -0.89%
SPECIAL DITCH RT SLOPE = +3.40%

STA 19+30.00 ELEV 590.69
STA 20+63.92 EXISTING 36" RCP PIPE TO BE EXTENDED ON RIGHT SIDE USFL 590.73 DSFL 590.77
STA 22+30.00 ELEV 590.30
STA 24+75.00 ELEV 588.11
STA 26+25.00 ELEV 583.00
STA 26+74.28 36" CMP ELEV 583.94
STA 27+91.75 10'X8' RCBC USFL 570.19 DSFL 569.35

PROPOSED PROFILE ROADWAY C ENDS STA 28+85.82 ELEV 596.75

PROPOSED PROFILE ROADWAY C IS CONTROLED BY PROPOSED PROFILE FAI ROUTE 57/70 PROFILE AND CROSS SLOPE

RIGHT DITCH ELEV

18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00
598.70 / 598.81	598.34 / 598.48	597.96 / 598.14	597.60 / 597.81	597.26 / 597.47	596.91 / 597.14	596.55 / 596.80	596.21 / 596.47	595.90 / 596.13	595.61 / 595.79	595.37 / 595.46	595.17 / 595.12	595.04 / 594.80	594.95 / 594.58	594.91 / 594.50
594.91 / 594.55	594.95 / 594.73	595.03 / 595.02	595.14 / 595.32	595.17 / 595.62	595.20 / 595.53	595.26 / 596.23	595.31 / 596.53	595.36 / 596.81	595.44 / 597.01	595.54 / 597.21	595.64 / 597.41	595.73 / 597.61	595.83 / 597.79	596.01 / 598.17

FILE NAME = S:\Projects\403-00072,57-70\dgn\N TriLv\drn PP_NTri57T0.dgn	USER NAME = $USER$	DESIGNED - JWS	REVISED -
		DRAWN - PDB	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BRM	REVISED -
	PLOT DATE = $DATE$	DATE - 3-25-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE, NORTH TRI LEVEL ROADWAY C

SCALE: 1"=50' | SHEET NO. 5 OF 10 SHEETS | STA. 17+50.00 TO STA. 32+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	293
		CONTRACT NO. 74295		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		