(33) STA 2336+00.00, 0.00′
PROPOSED DRAINAGE STRUCTURES, TYPE 5
WITH TWO TYPE 22 FRAME AND GRATE
GR. 596.99 (WB)
GR. 596.98 (EB)
FL. 591.52

(34) STA 2338+48.99, 0.00′
PROPOSED DRAINAGE STRUCTURES, TYPE 5
WITH TWO TYPE 22 FRAME AND GRATE
GR. 596.15 (WB)
GR. 596.44 (EB)
FL. 590.69

(35) STA 2341+00.00, 0.00′
REMOVE EXISTING INLET AND REPLACE WITH
PROPOSED DRAINAGE STRUCTURES, TYPE 5
WITH TWO TYPE 22 FRAME AND GRATE
GR. 595.86 (WB)
GR. 597.02 (EB)
FL. 586.91 (EX)

(36) STA 2343+50.00, 35.05′ RT (ROADWAY A)
PROPOSED DRAINAGE STRUCTURES, TYPE 5
WITH TWO TYPE 22 FRAME AND GRATE
GR. 596.11 (WB)
GR. 598.35 (EB)
FL. 589.72

(37) STA 2346+00.00, 33.67′ RT (ROADWAY A)
PROPOSED MANHOLES, TYPE A, 4′-DIAMETER,
TYPE 1 FRAME, CLOSED LID
GR. 596.58
FL. 590.33

(38) STA 2349+75.00, 55.40′ RT (ROADWAY A)
PROPOSED PRECAST REINFORCED CONCRETE
FLARED END SECTIONS, 24″
FL. 591.59

BILLBOARD
BILLBOARD
EXISTING ROW LINE
EXISTING 36″ PIPE CULVERT TO REMAIN
EXISTING INLET TO BE REMOVED
PROPOSED STORM SEWER, CLASS A, TYPE 2, 24″
CONSTRUCTION LIMITS
RIPRAP
PT STA 28+85.82
PC STA 2340+87.67
36″ RCP
+45.46
+80.00
20′
MEDIAN
EXISTING ROW LINE
CONSTRUCTION LIMITS
30′
MATCH LINE STA. 2335+00.00
MATCH LINE STA. 2350+00.00
MATCH LINE STA. 17+50.00
℄ SB I-57 ROADWAY C
℄ SB I-57 ROADWAY C CURVE C67
℄ WB FAI ROUTE 70 ROADWAY A
℄ NB I-57 ROADWAY D
℄ EB I-70 ROADWAY B
WB FAI ROUTE 57/70
EB FAI ROUTE 57/70
CURVE C124
EXISTING PIPE CULVERT TO BE EXTENDED
10 X 8′ RCBC
INLET
EXISTING FRONTAGE ROAD
PAVED DITCH
STONE RIPRAP, CLASS A4
EXISTING BOX CULVERT TO REMAIN
EXISTING PIPE TO REMAIN
15″ CMP
36″ CMP
PROPOSED STORM SEWER, CLASS A, TYPE 1, 15″
PROPOSED STORM SEWER, CLASS A, TYPE 2, 36″
PROPOSED STORM SEWER, CLASS A, TYPE 2, 24″
EXISTING ROW LINE
CONSTRUCTION LIMITS

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%)

PROP. ROADWAY A
CURVE C124
PI STA. = 2347+98.08
Δ = 13° 30′ 18″ (LT)
D = 0° 57′ 18″
R = 6,000.00′
T = 710.41′
L = 1,414.23′
E = 41.91′
e = 3.22%
T.R. = 45.00′
S.E. RUN = 96.60′
P.C. STA. = 2340+87.67
P.T. STA. = 2355+01.91
SE ATTAINED STA. 2339+63.27 TO
STA 2341+19.87 (2.00% TO 3.22%)
SE REMOVED STA. 2354+69.71 TO
STA 2355+79.92 (3.22% TO 0.00%)

NOTE: STATIONING OF ROADWAY C IS REVERSED

(42) STA 2341+00.24, 19.52′ LT
PROPOSED MANHOLES, TYPE A,
5′-DIAMETER, TYPE 1 FRAME,
CLOSED LID
GR. 595.86
FL. 592.00 (E. 15″)
FL. 584.73

(43) STA 2342+10.00, 26.00′ LT
PROPOSED INLETS, TYPE A, TYPE 1
FRAME, OPEN LID
GR. 595.23
FL. 592.53

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.

0 50′ 100′

PLAN
SURVEYED
PLOTTED
DRAWN / CHECKED
R.I. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
DRAWN / CHECKED
STRUCTURE NO
TAINS CHKD
NOTE BOOK
NO.
BY
DATE

500.00′ V.C.
500.00′ V.C. (ROADWAY A)
1,000.00′ V.C. (ROADWAY A)
PROFILE WB FAI 57/70 ENDS STA 2339+00.00 ELEV 596.63
PROFILE ROADWAY A BEGINS STA 2341+50.00 ELEV 596.87
PROFILE ROADWAY B BEGINS STA 2341+50.00 ELEV 598.43
PROPOSED PROFILE ALONG ℄ ROADWAY A
EXISTING PROFILE ALONG ℄ ROADWAY A
PROPOSED PROFILE ALONG ℄ ROADWAY B
EXISTING PROFILE ALONG ℄ ROADWAY B
-0.37%
+0.55%
-0.34%
+0.65%
VPI STA. 2339+00.00 ELEVATION 596.63
VPI STA. 2342+50.00 ELEVATION 595.89
STA 2336+00.00 ELEV 593.48
STA 2339+62.67 10′X8′ RCBC USFL 570.19 DSFL 569.35
STA 2340+05.00 ELEV 592.13
STA 2340+15.00 ELEV 589.40
STA 2340+25.00 ELEV 592.18
STA 2340+99.72 36″ CMP USFL 586.87 DSFL 581.01 LT
STA 2341+50.00 ELEV 593.16
STA 2341+79.17 ELEV 595.29
STA 2342+50.00 ELEV 594.82
STA 2344+00.00 ELEV 594.49
STA 2345+61.00 ELEV 596.72
STA 2348+00.00 ELEV 595.89
STA 2348+67.76 ELEV 593.75
STA 2349+00.00 ELEV 595.05
STA 2349+11.50 ELEV 592.30
STA 2349+75.00 ELEV 591.59
SPECIAL DITCH RT SLOPE = -0.33%
SPECIAL DITCH RT SLOPE = -27.32%
SPECIAL DITCH RT SLOPE = 27.77%
SPECIAL DITCH RT SLOPE = 0.7
SPECIAL DITCH LT SLOPE = -0.66%
SPECIAL DITCH LT SLOPE = -0.22%
SPECIAL DITCH LT SLOPE = -0.16%
SPECIAL DITCH RT SLOPE = -0.35%
SPECIAL DITCH RT SLOPE = -0.84%
SPECIAL DITCH LT SLOPE = -3.32%
SPECIAL DITCH RT SLOPE = +4.62%
WB FAI ROUTE 70 ROADWAY A ELEVATIONS
EB FAI ROUTE 70 ROADWAY B ELEVATIONS
EXIST WB ELEV. 32′ LEFT
EXIST EB ELEV. 32′ RIGHT
LEFT DITCH ELEV
RIGHT DITCH ELEV

STA	WB FAI ROUTE 70 ROADWAY A ELEVATIONS	EB FAI ROUTE 70 ROADWAY B ELEVATIONS	LEFT DITCH ELEV	RIGHT DITCH ELEV
2335+00	595.39 596.87			594.35 596.18 598.09
2336+00	595.34 596.70			596.00 598.05 597.91
2337+00	595.31 596.53			595.90 597.91 597.73
2338+00	595.29 596.39			595.80 597.77 597.54
2339+00	595.33 596.29			595.71 597.67 597.38
2340+00	595.37 596.25	598.35 598.43	595.15	595.62 597.57 597.27
2341+00	595.40 596.25	598.47 598.71	594.82	595.53 597.53 597.20
2344+00	595.44 596.30	598.68 598.98	594.71	595.45 597.50 597.18
2345+00	595.46 596.40	598.89 599.26	594.60	595.39 597.52 597.20
2346+00	595.46 596.55	599.15 599.53	594.49	595.34 597.55 597.27
2347+00	595.45 596.75	599.41 599.81	594.41	595.31 597.70 597.39
2348+00	595.48 597.00	599.71 600.08	594.33	595.29 597.86 597.55
2349+00	595.50 597.30	600.01 600.36	594.25	595.33 598.01 597.76
2350+00	595.53 597.62	600.26 600.63	594.17	598.16 598.01
	595.56 597.94	600.52 600.91	594.09	598.29
	595.61 598.24	600.79 601.18	594.02	598.48
	595.65 598.52	601.05 601.46	593.94	598.70
	595.71 598.77	601.32 601.73	593.86	598.95
	595.77 598.99	601.59 602.01	593.78	
	595.85 599.20	601.88 602.28	593.68	
	595.93 599.38	602.18 602.56	592.68	
	596.04 599.54	602.47 602.84	592.36	
	596.14 599.67	602.76 603.11	592.44	

2335+00 2336+00 2337+00 2338+00 2339+00 2340+00 2341+00 2344+00 2345+00 2346+00 2347+00 2348+00 2349+00 2350+00

FILE NAME = S:\Projects\403-00072,57-70\dgn\N TrlLv\drn PP_NTrl570.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, FAI ROUTE 57/70

SCALE: 1″=50′ | SHEET NO. 6 OF 11 SHEETS | STA. 2335+00.00 TO STA. 2350+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	267
			CONTRACT NO. 74295	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		