F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(108B)BR,BR-1	McDONOUGH	30	56
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 88799

143+04.71
℄ ELEV. = 647.03

646.97 — 0.5 / 12.0′ — Ⓑ

143+02.78
℄ ELEV. = 647.03

2.8 / 12.0′ — 646.69 — Ⓕ

143+00.00
℄ ELEV. = 647.03

646.97 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.69

142+87.50
℄ ELEV. = 647.05

646.99 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.71

142+75.00
℄ ELEV. = 647.08

647.02 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.74

142+62.50
℄ ELEV. = 647.12

647.06 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.78

142+50.00
℄ ELEV. = 647.16

647.10 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.82

142+37.50
℄ ELEV. = 647.22

647.16 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.88

142+32.50
℄ ELEV. = 647.25

647.19 — 0.5 / 12.0′ — 2.8 / 12.0′ — 646.91 — Ⓐ

143+80.00
℄ ELEV. = 647.13

646.89 — 2.0 / 12.0′ — 1.5 / 12.0′ — 646.95 — Ⓔ

143+70.34
℄ ELEV. = 647.11

646.93 — 1.5 / 12.0′ — Ⓓ

143+62.50
℄ ELEV. = 647.09

646.91 — 1.5 / 12.0′ — 1.5 / 12.0′ — 646.91

143+50.00
℄ ELEV. = 647.06

646.88 — 1.5 / 12.0′ — 1.5 / 12.0′ — 646.88

143+37.50
℄ ELEV. = 647.04

646.86 — 1.5 / 12.0′ — 1.5 / 12.0′ — 646.86

143+27.90
℄ ELEV. = 647.03

1.5 / 12.0′ — 646.85 — Ⓖ

143+25.00
℄ ELEV. = 647.03

646.85 — 1.5 / 12.0′ — 1.8 / 12.0′ — 646.82

143+24.03
℄ ELEV. = 647.03

646.85 — 1.5 / 12.0′ — Ⓒ

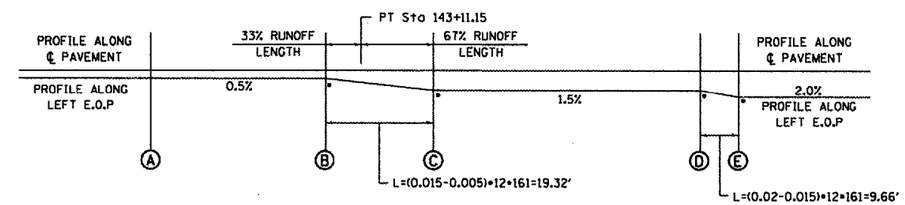
143+12.50
℄ ELEV. = 647.03

646.92 — 0.9 / 12.0′ — 2.4 / 12.0′ — 646.74

PROPOSED CURVE DATA

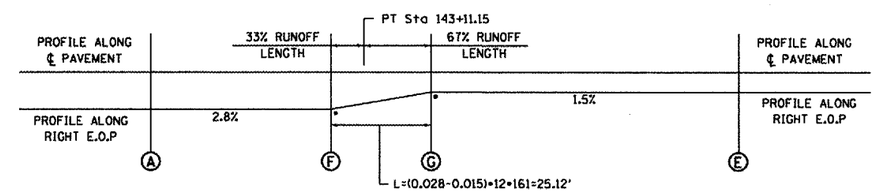
PROP. ℄ CURVE #1
PI STA. = 142+00.54
Δ = 5° 17′ 58″ (RT)
D = 5° 16′ 46″
R = 1,085.25′
T = 50.22′
L = 100.38′
E = 1.16′
P.C. STA = 141+50.31
P.C.C. STA = 142+50.69

PROP. ℄ CURVE #2
PI STA. = 142+80.94
Δ = 5° 16′ 40″ (RT)
D = 8° 43′ 46″
R = 656.35′
T = 30.25′
L = 60.46′
E = 0.70′
P.C.C. STA = 142+50.69
P.T. STA = 143+11.15



• ROUND ALL BREAKPOINTS IN THE FIELD

SUPERELEVATION TRANSITION CHART (LEFT SIDE)



• ROUND ALL BREAKPOINTS IN THE FIELD

SUPERELEVATION TRANSITION CHART (RIGHT SIDE)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERELEVATION RATE CHART

SCALE: NONE — DRAWN BY: JH
DATE: MARCH, 2006 — CHECKED BY: FML