F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	McDONOUGH	1025	177
STA. 25+00	TO STA. 38+50			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE CH8-1 DATA
P.I. STA. = 33+00.00
Δ = 1° 20′ 09.1″ (LT)
R = 5,000′
T = 58.29′
L = 116.57′
E = 0.34′
P.C. STA. = 32+41.71
P.T. STA. = 33+58.29

PROPOSED CURVE CH8-2 DATA
P.I. STA. = 36+56.09
Δ = 1° 36′ 49.7″ (RT)
R = 5,000′
T = 70.42′
L = 140.84′
E = 0.50′
P.C. STA. = 35+85.68
P.T. STA. = 37+26.51

HELEN HVARVEN
HAROLD D. CARSON
CHARLES AND JANICE BUTTERFIELD, CO-TRUSTEES
CHAMP AND PAULINE WAYLAND
TRAFFIC BARRIER TERMINAL TYPE1, SPECIAL (TANGENT)
STEEL PLATE BEAM GUARD RAIL, TYPE A
TRAFFIC BARRIER TERMINAL TYPE1, SPECIAL (TANGENT)
PROP. ℄ TWP. RD. 150
PROPOSED T.E.
END A.C.
PROPOSED R.O.W./A.C.
CONSTRUCTION LIMITS
EXISTING R.O.W.
TWP. RD. 150 (600E)
CO. HWY. 8 (600E)
CO. HWY. 8 (RELOCATED)
TWP. RD. 150 (600E) NE
CURVE CH8-1
CURVE CH8-2
PC STA. 32+41.71
PT STA. 33+58.29
PC STA. 35+85.68
PT STA. 37+26.51
POT STA. 24+69.60
POT STA. 39+56.19
LT. STA. 27+00 F.E. 30′
RT. STA. 19+50 F.E. 30′
RT. STA. 23+00 F.E. 30′
POT STA. 19+00.00
PC STA. 322+47.43
179°33′55″
MATCH EXISTING SHOULDER WIDTH AND GRADE STA. 25+25
MATCH EXISTING PAVEMENT WIDTH AND GRADE STA. 25+75.00
135′ TAPER
40′ TAPER
35′ TAPER
SEE GRADING DETAIL SHEET
IL. ROUTE 336
PROPOSED ℄ IL. ROUTE 336
PROPOSED ℄ TWP. RD. 900N
TWP. RD. 900N
STA. 324+52.20 IL. ROUTE 336 = STA. 30+00.00 CO. HWY. 8 (RELOCATED) (TWP. RD. 150 ENDS)
PROPOSED ℄ CO. HWY. 8 (RELOCATED)
MATCH EXISTING PAVEMENT WIDTH AND GRADE
MATCH EXISTING PAVEMENT WIDTH AND GRADE STA. 37+50.00
MATCH EXISTING SHOULDER WIDTH AND GRADE STA. 38+00
STA. 34+65.12 CO. HWY. 8 (RELOCATED) = STA. 21+00.11 TWP. RD. 900N
100′ UTILITY EASEMENT
SEE INTERSECTION DETAILS FOR FURTHER LAYOUT INFORMATION
MATCH EXISTING PAVEMENT GRADE
EXISTING R.O.W.
PROPOSED R.O.W.
SCALE IN FEET HORIZONTAL

PROFILE
IL. ROUTE 336 STA. 30+00.00
TWP. RD. 900N STA. 34+65.12
PROPOSED ℄ PROFILE
EXISTING ℄ PROFILE
MAINLINE PAVEMENT NORMAL CROWN
25+75.00 665.37± MATCH EXISTING
VPI 25+60.00 EL. 666.82
VPI 26+75.00 EL. 667.44
VPI 27+45.00 EL. 670.99
VPI 28+25.00 EL. 674.92
VPI 29+51.00 EL. 677.44
VPI 29+63.00 EL. 677.62
VPI 30+25.00 EL. 677.44
VPI 30+37.00 EL. 677.62
VPI 30+49.00 EL. 677.44
VPI 30+61.00 EL. 677.20
VPI 31+70.00 EL. 676.41
VPI 32+90.00 EL. 677.79
27+50.00 671.24
29+40.00 676.42
32+60.00 677.23
33+30.00 677.90
ex = 0.68′ 170.00′ V.C.
ex = -0.55′ 150.00′ V.C.
ex = 0.42′ 140.00′ V.C.
ex = -0.11′ 80.00′ V.C.
+1.71%
+4.91%
+2.00%
+0.00%
-2.00%
-1.00%
+1.40%
+0.28%
+0.26%
679.08± MATCH EXISTING
EX. FIBER OPTIC
SCALE IN FEET VERTICAL

EXISTING ELEVATIONS
PROPOSED ELEVATIONS

25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00
664.61	664.76	664.88	665.07	665.37	665.74	666.21	666.69	667.20	667.71	668.22	668.73	669.21	669.69	670.22
665.37	665.74	665.85	666.46	667.18	668.02	668.97	670.05	671.24	672.40	673.45	674.37	675.18	675.86	676.42
670.83	671.45	672.20	672.96	673.63	674.33	675.04	675.74	676.24	676.70	677.11	677.34	677.57	677.77	677.82
676.92	677.42	677.44	677.44	677.44	677.44	677.44	677.44	677.42	677.06	676.81	676.61	676.52	676.54	676.67
677.88	677.88	677.97	678.20	678.30	678.39	678.45	678.50	678.52	678.59	678.66	678.73	678.81	678.83	678.87
678.94	678.94	679.01	679.12	679.19	679.28	679.46	679.67	679.89	680.05	680.16	680.27			

ROADWAY PLAN AND PROFILE – CO. HWY. 8 (RELOCATED)/TWP. RD. 150 – STA. 25+00 TO STA. 38+50

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