MATCH LINE STA. 42+00 SEE RIGHT

MATCH LINE STA. 42+00 SEE LEFT

MATCH LINE STA. 124+00 SEE LEFT

MATCH LINE STA. 124+00 SEE RIGHT

ILLINOIS ROUTE 176

OHNSTAD ROAD

BRIARWOOD ROAD

110+00

115+00

120+00

125+00

135+00

145+00

BB1
41+05
30' LT

210'-1½" GS-T
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BR2
38+95
30' LT

70'-1½" GS-P
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BB2
38+95
31' RT

170'-1½" GS-T
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BR1
43+15
30' LT

210'-1½" GS-T
2#8 1/C CIRCUIT B
1#6 1/C GROUND

190'-1½" GS-T
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BR3
120+00
31' LT

150'-1½" GS-T
70'-1½" GS-P
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BB3
121+90
31' LT

190'-1½" GS-T
3#8 1/C CIRCUIT B
1#6 1/C GROUND

BR4
123+80
31' LT

AB1
112+95
31' RT

190'-1½" GS-T
2#8 1/C CIRCUIT A
1#6 1/C GROUND

AR1
114+65
31' RT

190'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND

AB2
116+55
31' RT

180'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND

AR2
118+35
31' RT

170'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND.

AB3
36+95
31' RT

80'-1½" GS-P
3#8 1/C CIRCUIT A
1#6 1/C GROUND

AR3
36+35
42' RT

CONTROLLER
100 AMP, 1 PHASE, 240/480V
36+00
105' RT

100'-1½" GS-T
3#2 1/C SERVICE
1#6 1/C GROUND

SERVICE POLE LOCATION
TO BE DETERMINED AT
THE TIME OF CONSTRUCTION

86'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND

170'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND

AB4
34+75
42' RT

200'-1½" GS-T
2#8 1/C CIRCUIT A
1#6 1/C GROUND

AR4
32+75
25' RT

N

POLE SETBACK DETAIL

12'

EDGE OF PAVEMENT

SHOULDER

POLE OFFSETS
SHOWN TO FRONT
OF FOUNDATION

220'-1½" GS-T
2#8 1/C CIRCUIT B
1#6 1/C GROUND

BB4
126+00
31' LT

STONE WALL

LEGEND

LIGHT POLE AND LUMINAIRE
40 FT. MOUNTING HEIGHT, 250W HPS, 15 FT. MAST ARM

GROUND ROD

LIGHTING CONDUIT OF THE SIZE
SPECIFIED IN TRENCH (T) OR PUSHED (P)
WITH THE CABLES SPECIFIED

180'-1½" GS-T
3#8 1/C CIRCUIT A
1#6 1/C GROUND

LIGHTING CONTROLLER

A R 2
POLE NUMBER
WIRE COLOR-R (RED) OR B (BLACK)
CIRCUIT A OR B

FILE NAME = P:\2010\100174\cad\phase 2\dwg\100174-sht-lighting.dgn	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL RTE 176 AND BRIARWOOD STREET LIGHTING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -			335	11-00114-00-CH	McHENRY	56 / 38
	PLOT DATE = 7/1/2011	CHECKED -	REVISED -					CONTRACT NO. 63551	
		DATE -	REVISED -		SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	