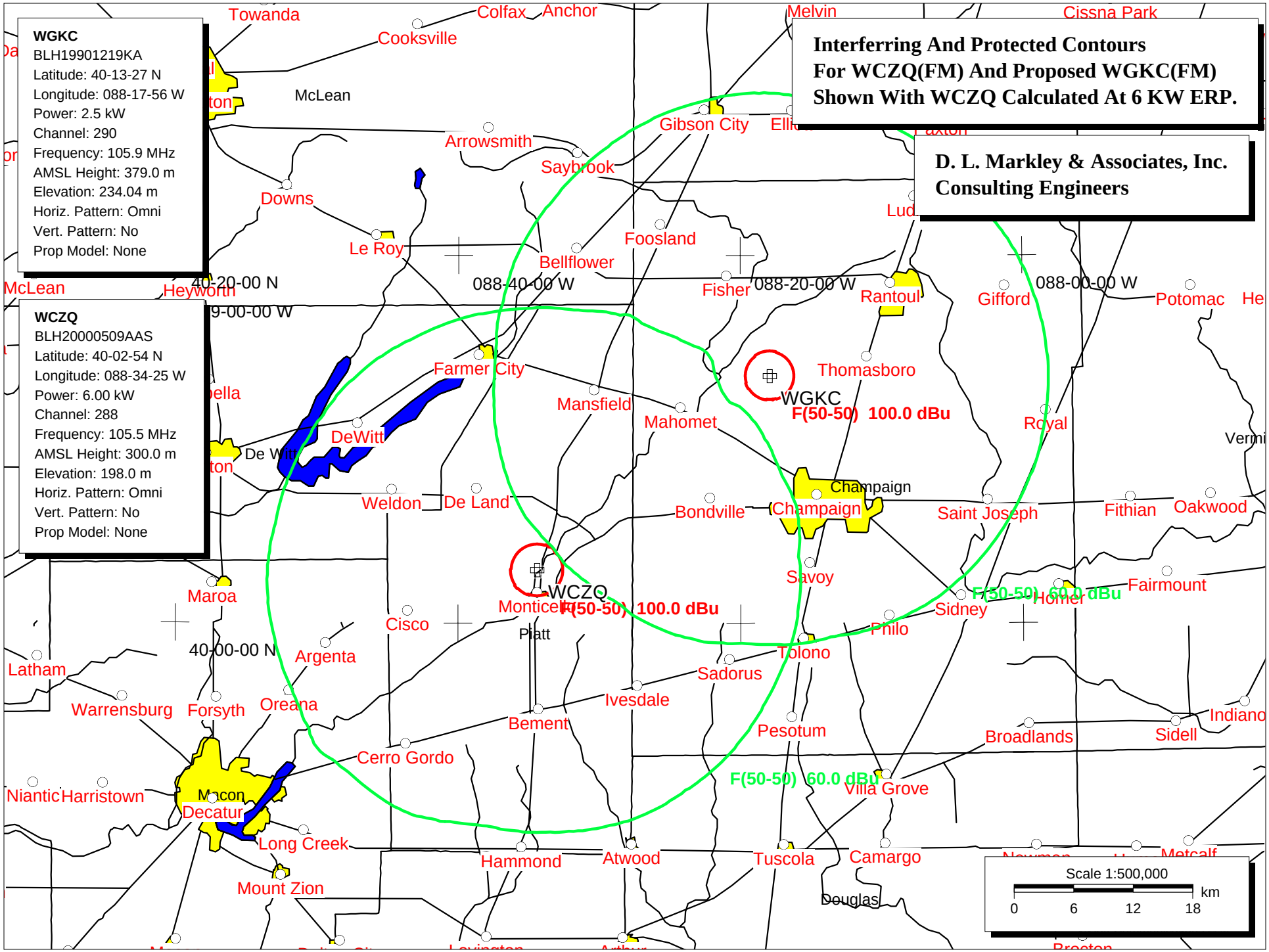
Interferring And Protected Contours
For WCZQ(FM) And Proposed WGKC(FM)
Shown With WCZQ Calculated At 6 KW ERP.
D. L. Markley & Associates, Inc.
Consulting Engineers
WGKC
BLH19901219KA
Latitude: 40-13-27 N
Longitude: 088-17-56 W
Power: 2.5 kW
Channel: 290
Frequency: 105.9 MHz
AMSL Height: 379.0 m
Elevation: 234.04 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None
WCZQ
BLH20000509AAS
Latitude: 40-02-54 N
Longitude: 088-34-25 W
Power: 6.00 kW
Channel: 288
Frequency: 105.5 MHz
AMSL Height: 300.0 m
Elevation: 198.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None
WGKC
F(50-50) 100.0 dBu
WCZQ
F(50-50) 100.0 dBu
F(50-50) 60.0 dBu
F(50-50) 60.0 dBu
Towanda
Colfax
Anchor
Cooksville
McLean
Arrowsmith
Gibson City
Saybrook
Downs
Le Roy
Foosland
Bellflower
Fisher
Rantoul
Gifford
Potomac
Farmer City
Thomasboro
Mansfield
Mahomet
Royal
DeWitt
De Witt
Champaign
Weldon
De Land
Bondville
Saint Joseph
Fithian
Oakwood
Savoy
Fairmount
Maroa
Monticello
Sidney
Philo
Cisco
Platt
Tolono
Argenta
Latham
Sadorus
Warrensburg
Forsyth
Oreana
Ivesdale
Bement
Pesotum
Broadlands
Sidell
Indiano
Cerro Gordo
Niantic
Harristown
Macon
Decatur
Villa Grove
Long Creek
Hammond
Atwood
Tuscola
Camargo
Mount Zion
Douglas
Scale 1:500,000
km
0
6
12
18
40-20-00 N
088-40-00 W
088-20-00 W
088-00-00 W
40-00-00 N