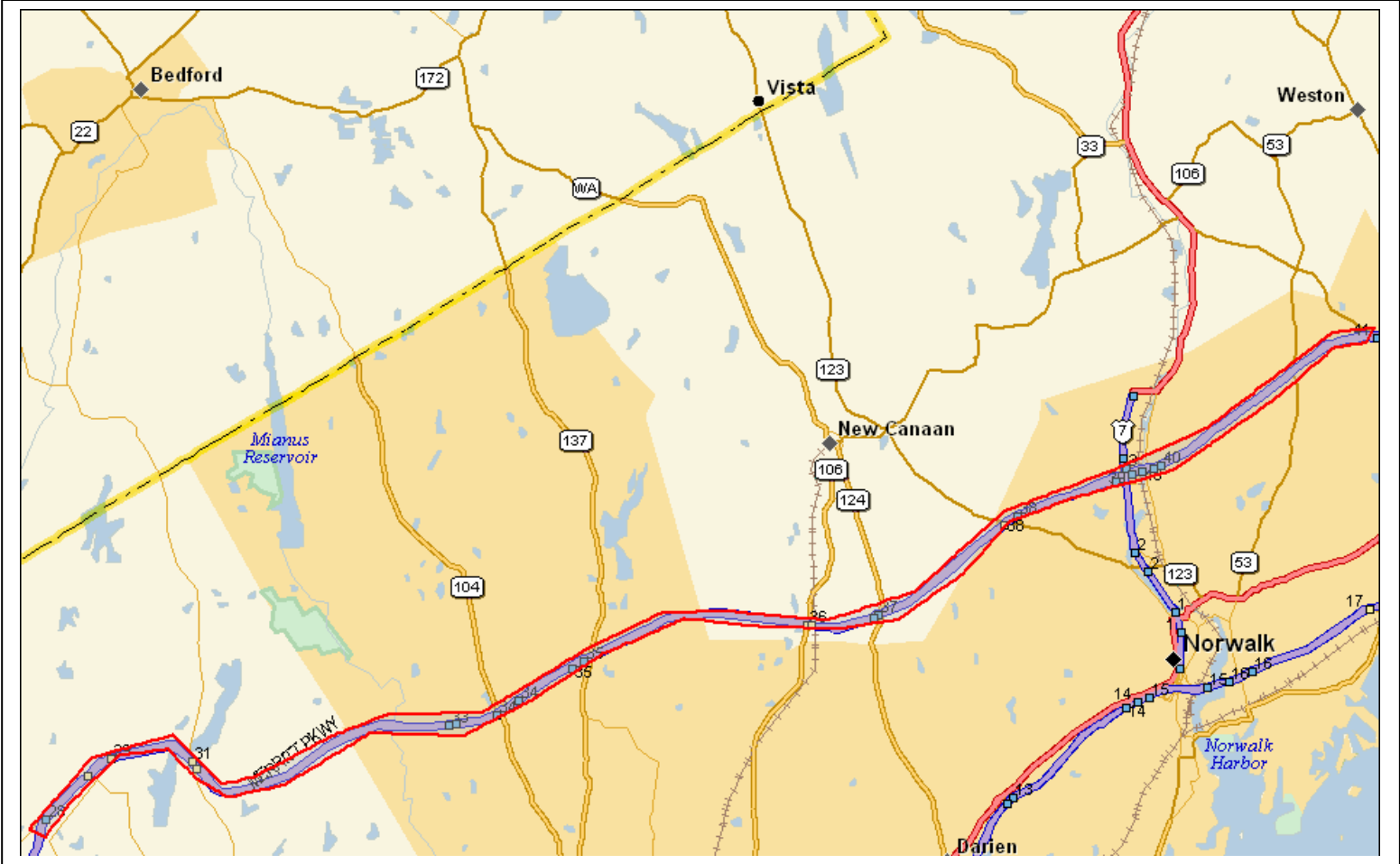


ATTACHMENT A

RF DESIGN

Project Name: MERRITT PARKWAY, CT

Frequency Band(s): 850MHz and 1900MHz
Technologies: iDEN, TDMA, GSM/EDGE, CDMA/EV-DO



CONTENT		Included	Not included
A1	Front Page - Coverage Contour	X	
A2	Node Locations	X	
A3	RF Predictions	X	
A4	Predicted Coverage Contour		X
A5	Node Specifications	X	
A6	Drive Routes		X
A7	Design Review		X

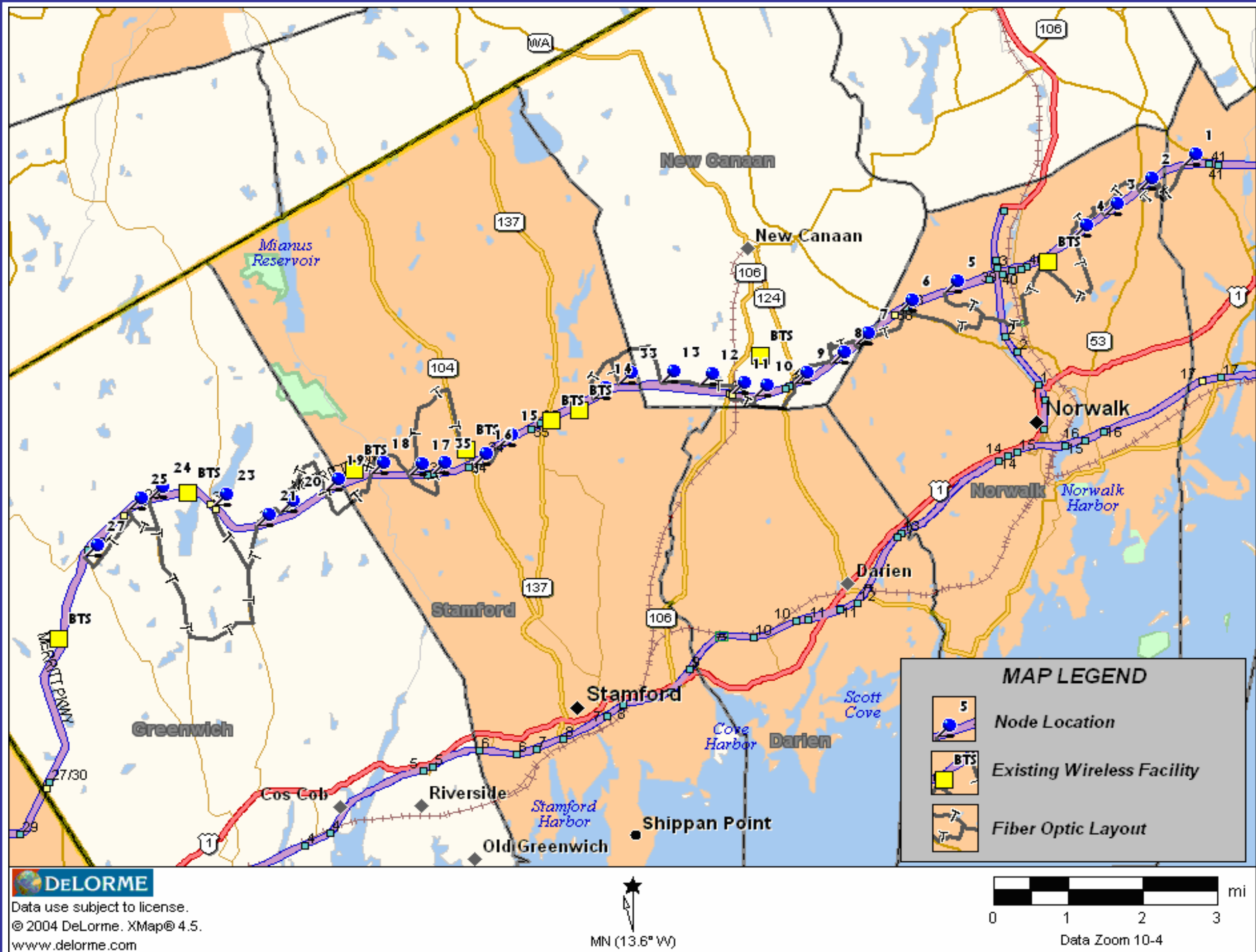
Revision History			
Rev	Description	Date	Issued/modified by
1.0	CSC Application	6/06	TPA
1.1	Revised CSC Application	2/07	TPA

CONFIDENTIAL
All rights reserved. No part of this document shall be reproduced or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without written consent from ExteNet Systems, Inc.
The material is subject to change without prior notice.

A1 – Coverage Contour

Project Name	Merritt Parkway
Project ID	NE-CT-MERRIT
Document Name	RF Design
Document ID	NE-CT-MERRIT-RF022
Document Revision	V1.1
Date	2/19/2007
Page Number	1 of 7
Issued By	ExteNet Engineering
CONFIDENTIAL	
Customer	



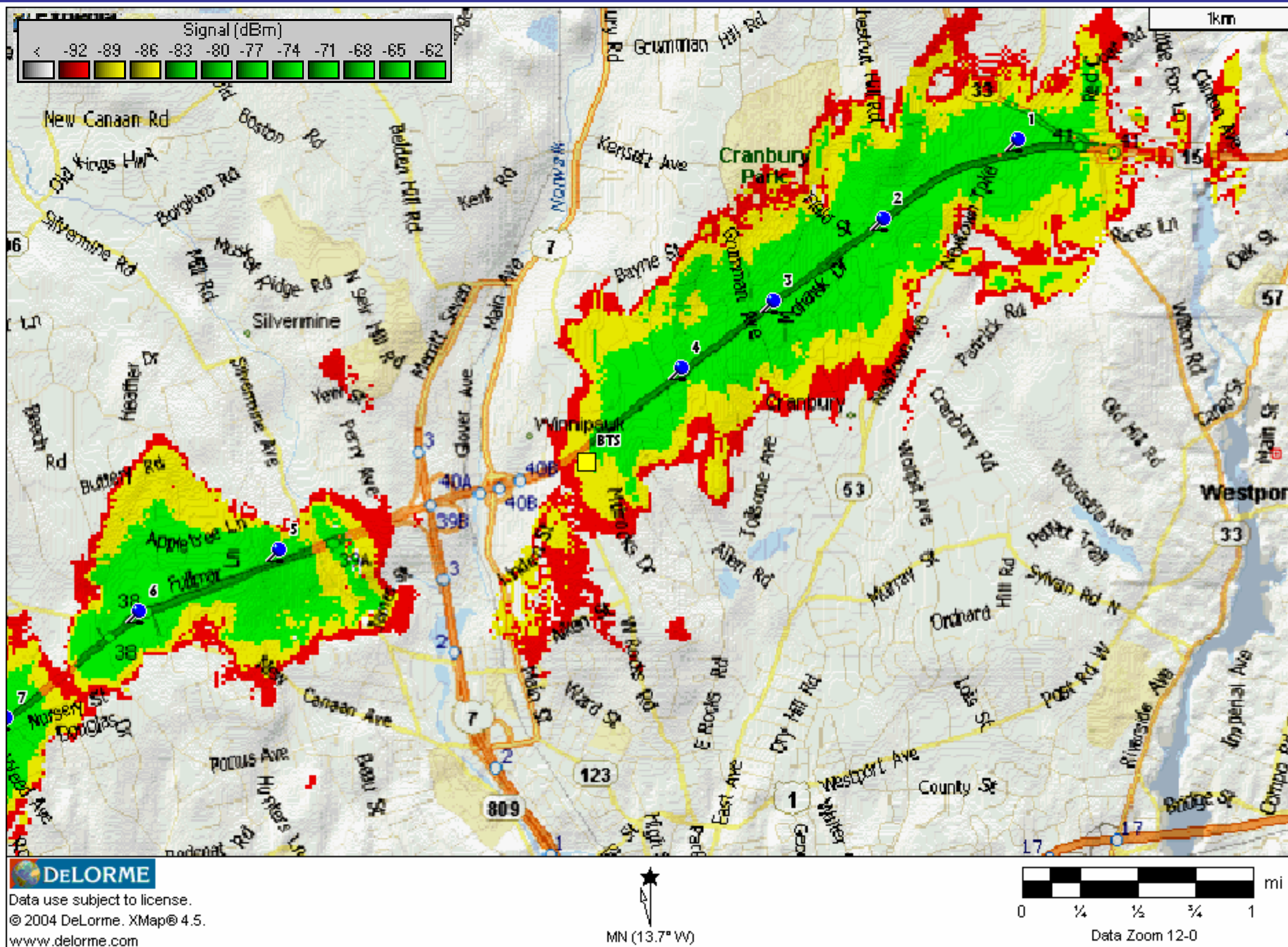


A2– Node Locations, Fiber Optic Network & Existing Wireless Facilities

A2 –Node Locations

Project Name	Merritt Parkway
Project ID	NE-CT-MERRIT
Document Name	RF Design
Document ID	NE-CT-MERRIT-RF022
Document Revision	V1.1
Date	2/19/2007
Page Number	2 of 7
Issued By	ExteNet Engineering
CONFIDENTIAL	
Customer	





A3 – RF Predictions: North Section (Nodes 1-7)

A3 – RF Predictions

Project Name

Merritt Parkway

Project ID

NE-CT-MERRIT

Document Name

RF Design

Document ID

NE-CT-MERRIT-RF022

Document Revision

V1.1

Date

2/19/2007

Page Number

3 of 7

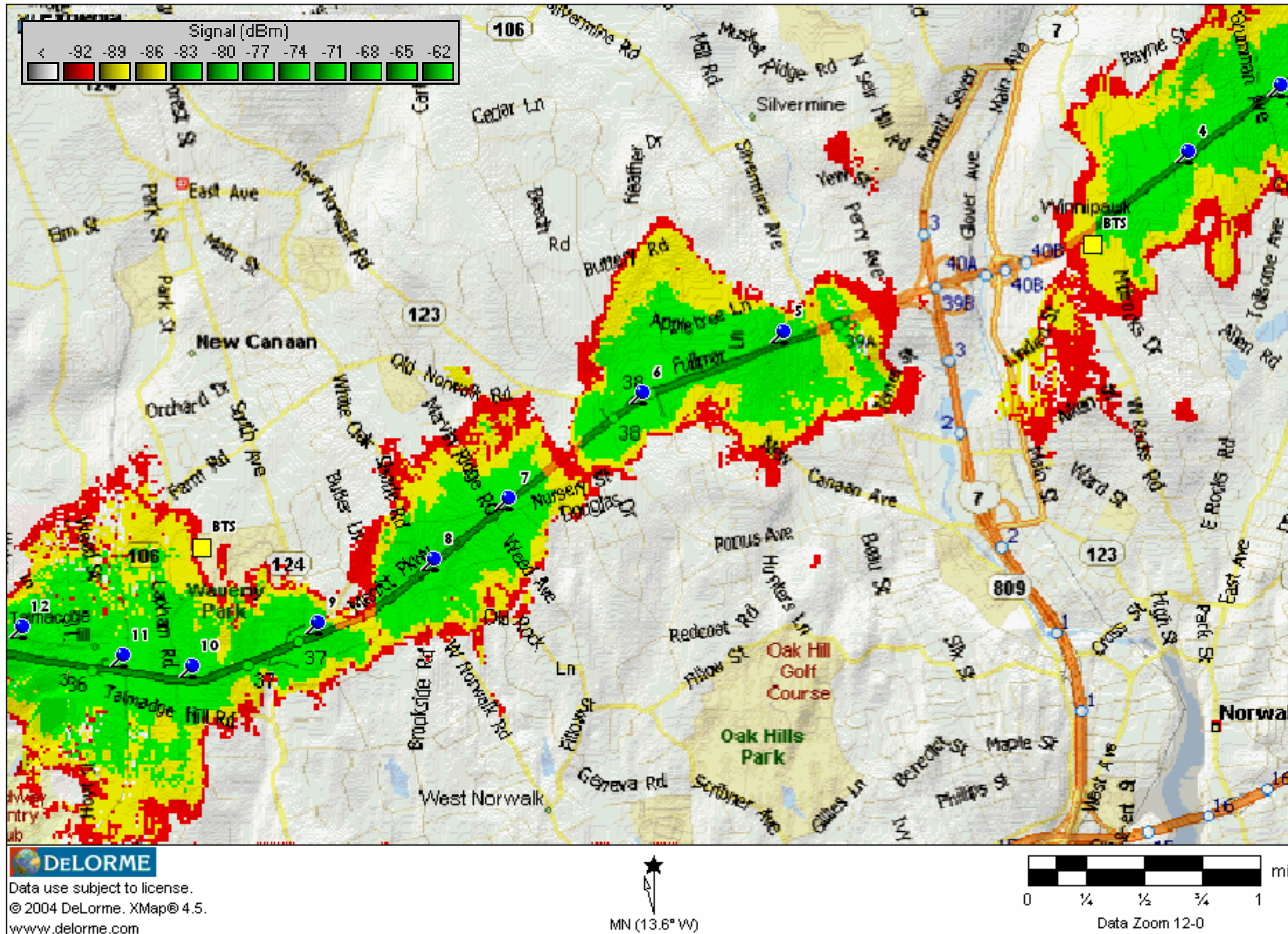
Issued By

ExteNet Engineering

CONFIDENTIAL

Customer

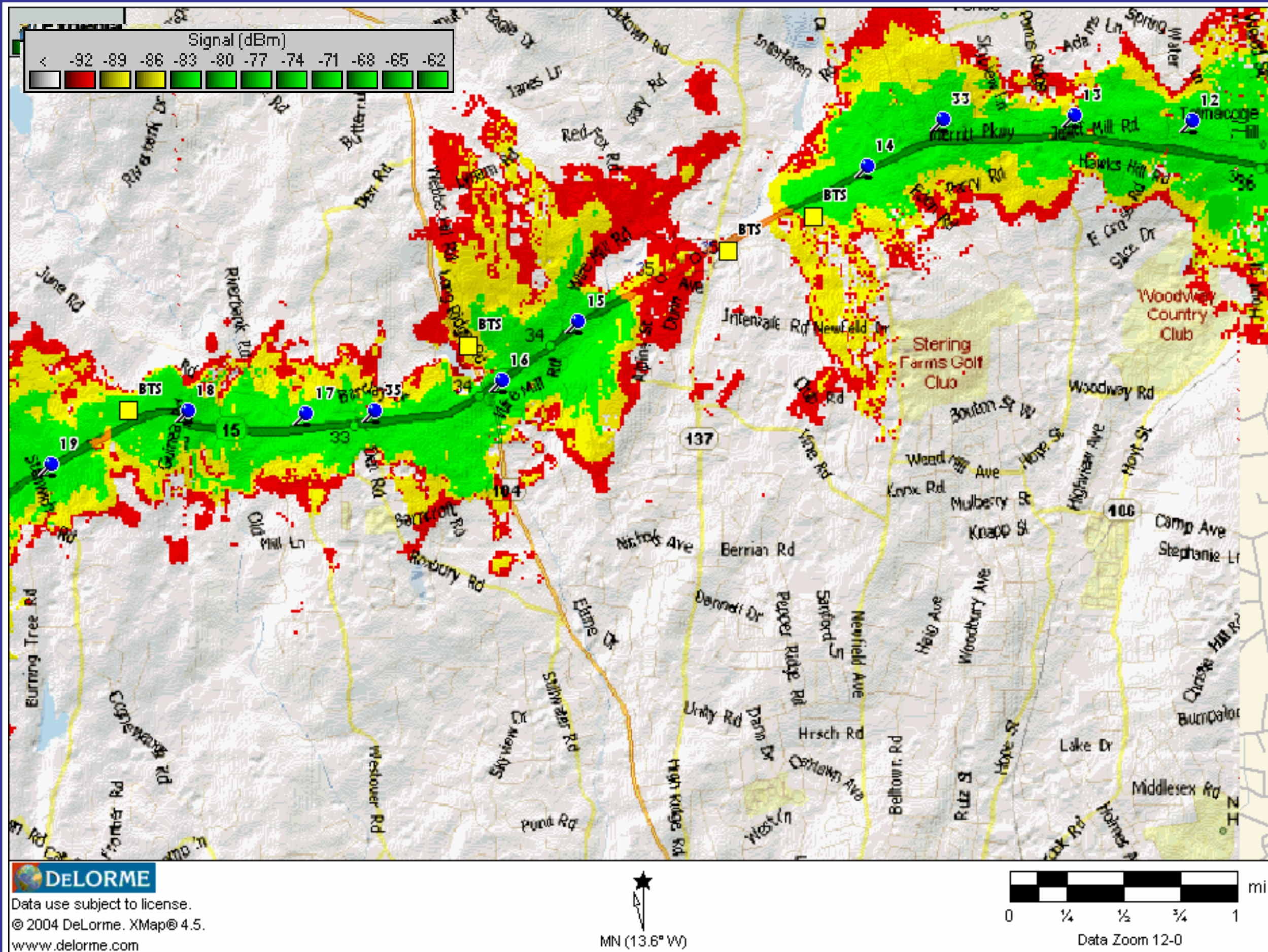




A3 – RF Predictions: North Section (Nodes 3-12)

Project Name	Merritt Parkway
Project ID	NE-CT-MERRIT
Document Name	RF Design
Document ID	NE-CT-MERRIT-RF022
Document Revision	V1.1
Date	2/19/2007
Page Number	4 of 7
Issued By	ExteNet Engineering
CONFIDENTIAL	
Customer	



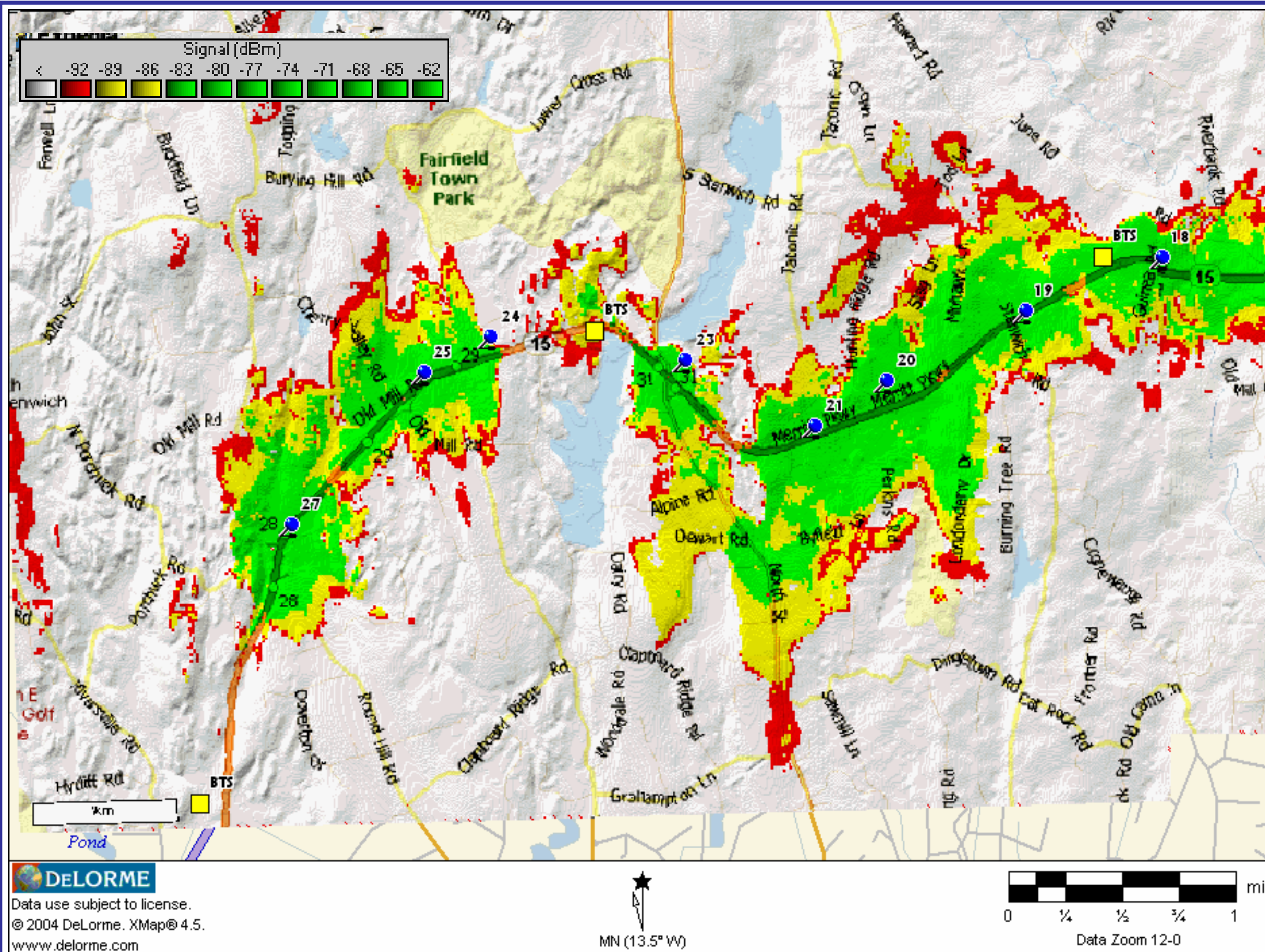


A3 – RF Predictions

Project Name	Merritt Parkway
Project ID	NE-CT-MERRIT
Document Name	RF Design
Document ID	NE-CT-MERRIT-RF022
Document Revision	V1.1
Date	2/19/2007
Page Number	5 of 7
Issued By	ExteNet Engineering
CONFIDENTIAL	
Customer	



A3 – RF Predictions: Central Section (Nodes 12-19, 33, 35)



A3 – RF Predictions: South Section (Nodes 18-27)

A3 – RF Predictions

Project Name	Merritt Parkway
Project ID	NE-CT-MERRIT
Document Name	RF Design
Document ID	NE-CT-MERRIT-RF022
Document Revision	V1.1
Date	2/19/2007
Page Number	6 of 7
Issued By	ExteNet Engineering
CONFIDENTIAL	
Customer	



Node ID	Sector	Enabled	Latitude	Longitude	Ant. Height [ft]	EIRP/ Ch. [dBm]	Ant. Gain [dBi]	Cable Loss [dB]	Splitter Loss [dB]	Node Output Pwr/ch [dBm]	No. of Freq. Ch.	Node Comp. Output Pwr [dBm]	No. of Ant. Per Node	Ant. Part #	Node Part #
CT-MERRITT-001	A - Pkwy North Direction	1	41.163325	-73.383635	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-002	A - Pkwy North Direction	1	41.158379	-73.394784	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-003	A - Pkwy North Direction	1	41.15324	-73.403881	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-004	A - Pkwy North Direction	1	41.148992	-73.411515	24	30.0	9	4	3	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	31.0	9	3	3	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-005	A - Pkwy North Direction	1	41.137598	-73.444947	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-006	A - Pkwy North Direction	1	41.133754	-73.456549	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-007	A - Pkwy North Direction	1	41.127062	-73.467644	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-008	A - Pkwy North Direction	1	41.123221	-73.473798	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-009	A - Pkwy North Direction	1	41.119123	-73.483316	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-010	A - Pkwy North Direction	1	41.116424	-73.493715	24	38.0	13	3	0	28.0	4	36		742.222	RH30000
CT-MERRITT-011	A - Pkwy North Direction	1	41.117063	-73.499447	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-012	A - Pkwy North Direction	1	41.118903	-73.507671	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-013	A - Pkwy North Direction	1	41.119241	-73.51764	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-014	A - Pkwy North Direction	1	41.116049	-73.535085	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-015	A - Pkwy North Direction	1	41.106334	-73.559391	24	30.0	9	3	4	28.0	4	36		7999.99	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36		7999.99	
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36		742.222	
CT-MERRITT-016	A - Pkwy North Direction	1	41.102686	-73.565819	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-017	A - Pkwy North Direction	1	41.100583	-73.582323	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-018	A - Pkwy North Direction	1	41.100755	-73.592222	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-019	A - Pkwy North Direction	1	41.097461	-73.603659	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-020	A - Pkwy North Direction	1	41.093105	-73.61542	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-021	A - Pkwy North Direction	1	41.090198	-73.621449	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-023	A - Pkwy North Direction	1	41.094382	-73.632362	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-024	A - Pkwy North Direction	1	41.095819	-73.648783	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-025	A - Pkwy North Direction	1	41.093588	-73.654363	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-027	A - Pkwy North Direction	1	41.084055	-73.66555	24	30.0	9	3	4	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	30.0	9	3	4	28.0	4	36			
	C - 90deg to Pkwy West Dir.	1			16	27.5	13	0.5	13	28.0	4	36			
	D - 90deg to Pkwy East Dir	1			16	27.5	13	0.5	13	28.0	4	36			
CT-MERRITT-033	A - Pkwy North Direction	1	41.118972	-73.52861	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	
CT-MERRITT-035	A - Pkwy North Direction	1	41.100755	-73.576508	24	36.0	13	2	3	28.0	4	36		742.222	RH30000
	B - Pkwy South Direction	1			24	36.0	13	2	3	28.0	4	36		742.222	