

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER  
MANAGEMENT, INC. (MCM) AND NEW CINGULAR  
WIRELESS (AT&T) FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY AND PUBLIC  
NEED FOR THE CONSTRUCTION, MAINTENANCE  
AND OPERATION OF A TELECOMMUNICATIONS  
TOWER FACILITY IN REDDING, CONNECTICUT

DOCKET NO. 449

July 22, 2014

RESPONSES OF MESSAGE CENTER MANAGEMENT  
AND NEW CINGULAR WIRELESS  
TO CONNECTICUT SITING COUNCIL PRE-HEARING QUESTIONS, SET II

- Q50. Provide a drawing or specifications sheet for the proposed full standard platform.
- A50. *Included as Attachment 1 are specifications for AT&T's standard (low profile) platform along with hand rails approximately 3-feet above the platform (MTC 3607 12 ½' Platform).*
- Q51. Could New Cingular Wireless PCS, LLC (AT&T) utilize a low-profile platform if requested by the Council? Explain. Also provide a drawing or specification sheet for a typical low-profile platform.
- A51. *Yes, the low profile platform referenced above is AT&T's standard mounting platform.*
- Q52. In reference to AT&T's response to interrogatory number 30, break down the main and secondary road coverage gaps by street names for the frequencies noted.
- A52. *Please see tables provided in Attachment 2.*
- Q53. In reference to AT&T's response to interrogatory number 32, break down the main and secondary road coverage distances by street names for the frequencies (and heights) noted.
- A53. *Please see information in the tables included as Attachment 6 of the responses dated July 3, 2014.*
- Q54. Which fuel type would AT&T's portable backup generator have?
- A54. *Portable backup generators are typically diesel operated.*

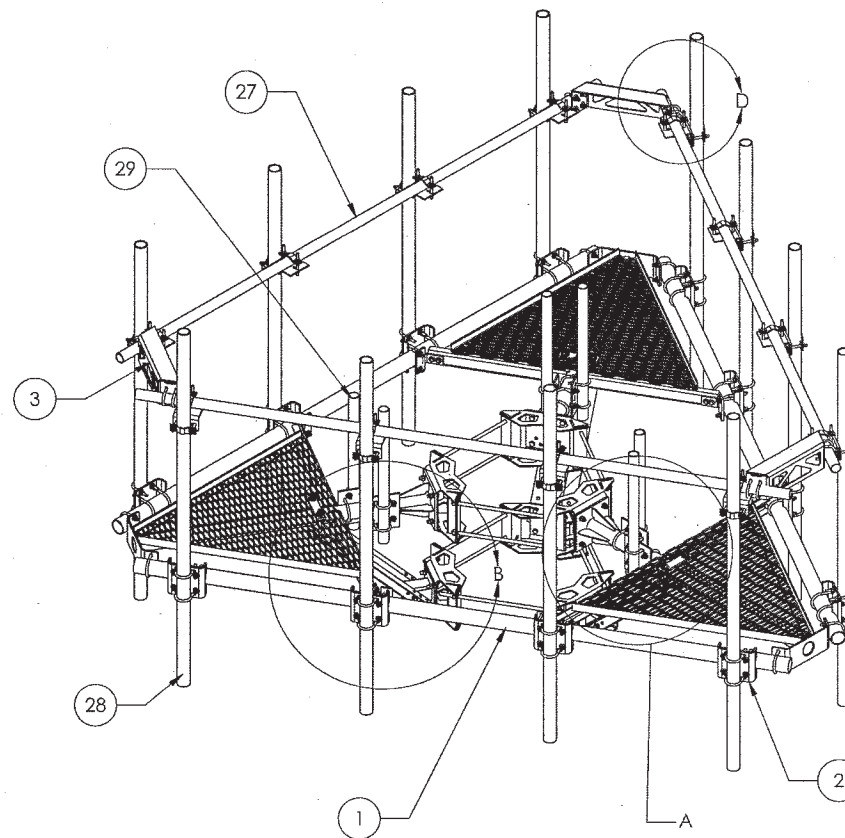
Q55. What would be the expected run time for the portable generator based on its fuel tank capacity?

A55. *Based on its fuel tank capacity, run-time for a portable generator is typically 48-hours without refueling. AT&T maintains relationships with independent contractors who are required to refuel the generators to provide constant power until regular electrical service is restored.*

# ATTACHMENT 1

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	MC-PK12S-B	LOW PROFILE CO-LOCATION PLATFORM KIT	1	859.05 LBS
2	MT-219M-H	3.5" OD X 2-7/8" OD Clamp Bracket Assembly	12	12.78 LBS
3	MT19525	Corner Weldment	3	14.76 LBS
4	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	24	0.56 LBS
5	XAU01	Angle BRK	12	3.59 LBS
6	MTC323704	Clamp Bar	6	2.37 LBS
7	ACP10	1.5" - 3.5" O.D. CLAMP HALF	24	0.61 LBS
8	DCP10	SMALL CLAMP HALF	6	2.21 LBS
9	MT-379-6	1/2" X 6" GALV THREADED ROD	48	0.33 LBS
10	GWF-04	1/2" GALV FLAT WASHER	96	0.03 LBS
11	GWL-04	1/2" GALV LOCK WASHER	96	0.01 LBS
12	GN-04	1/2" GALV HEX NUT	96	0.04 LBS
13	MTC306503	CW 1030 Ringmount Weldment	3	28.02 LBS
14	MT38430B7	3/4" X 30" GALV THREADED ROD	6	3.76 LBS
15	GWL-06	3/4" GALV LOCK WASHER	12	0.04 LBS
16	GN-06	3/4" GALV HEX NUT	12	0.14 LBS
17	MTC313802	Kicker Mount Standoff	3	13.08 LBS
18	MTC323701	Left Kicker	3	14.36 LBS
19	MTC323702	Right Kicker	3	14.36 LBS
20	MT-381-8	5/8" X 8" GALV THREADED ROD	9	0.69 LBS
21	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	12	0.27 LBS
22	GWF-05	5/8" GALV FLAT WASHER	12	0.06 LBS
23	GWL-05	5/8" GALV LOCK WASHER	18	0.03 LBS
24	GN-05	5/8" GALV HEX NUT	18	0.08 LBS
25	XP2030.01	CROSSOVER PLATE $\phi$ 2-3/8" O.D. TO $\phi$ 3-1/2" O.D.	6	7.30 LBS
26	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	12	0.71 LBS
27	MT-651-150	$\phi$ 2.375" OD x 150" PIPE	3	45.42 LBS
28	MT54696	$\phi$ 2.875" O.D. X 96 PIPE	12	46.51 LBS
29	MT-649	2 3/8" x 36" Pipe	6	10.90 LBS

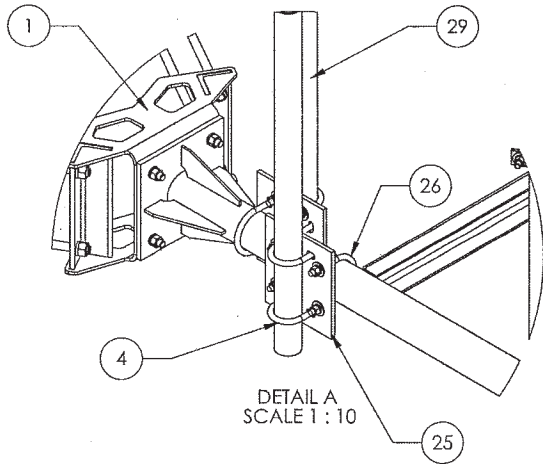
REV.		ZONE	REVISIONS	BY	DATE
A			INITIAL RELEASE	MSM	10/09/13
B			MT-219M-H WAS MT-219L-H	MSM	10/10/13



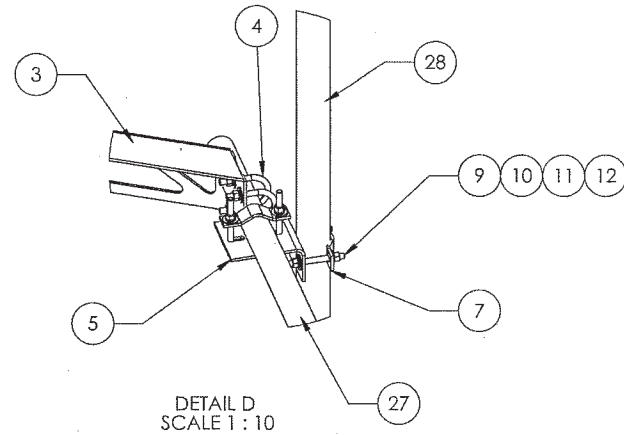
- NOTES:
1. ALL METRIC DIMENSIONS ARE IN BRACKETS.
  2. FITS MONOPOLES  $\phi$ 10" -  $\phi$ 30".

These drawings and specifications are the proprietary property of Commscope Inc. and may be used only for the specific purpose authorized in writing by Commscope Inc.		FORM NO. DRR	REV. 1 of 3	POP NUMBER: MTC3607
ALL DIMENSIONS ARE IN INCHES U.S.S. TOLERANCES UNLESS OTHERWISE SPECIFIED: X = $\pm$ .12 ANGLES $\pm$ 7 XX = $\pm$ .06 FRACTIONS $\pm$ 1/32 .XXX = $\pm$ .031		DATE: 09/24/13	DESIGN: A36, A500, A529	GROUP: ASSEMBLY DRAWING
REMOVE BURRS AND BREAK EDGES .005		REASON: B	MATERIAL: Galv A123	 Hickory, NC 28602 U.S.A.
DO NOT SCALE THIS PRINT		WEIGHT: 2245.98 LBS		

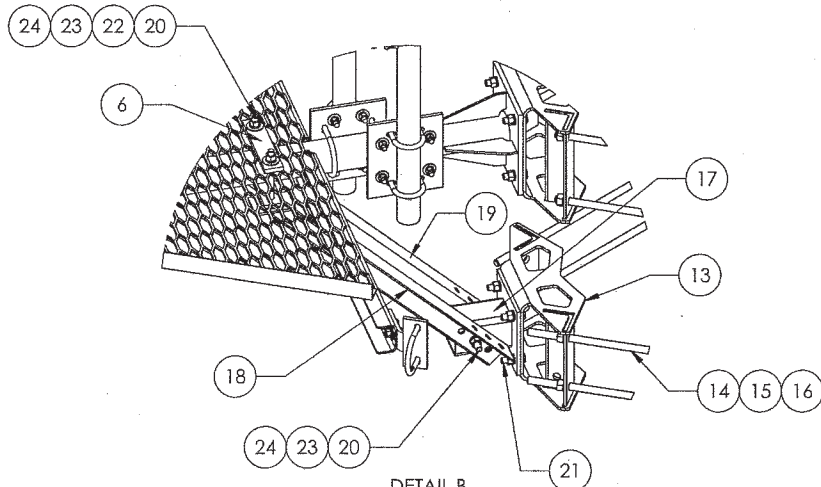
SOME ITEMS OMITTED  
FOR CLARITY



DETAIL A  
SCALE 1:10

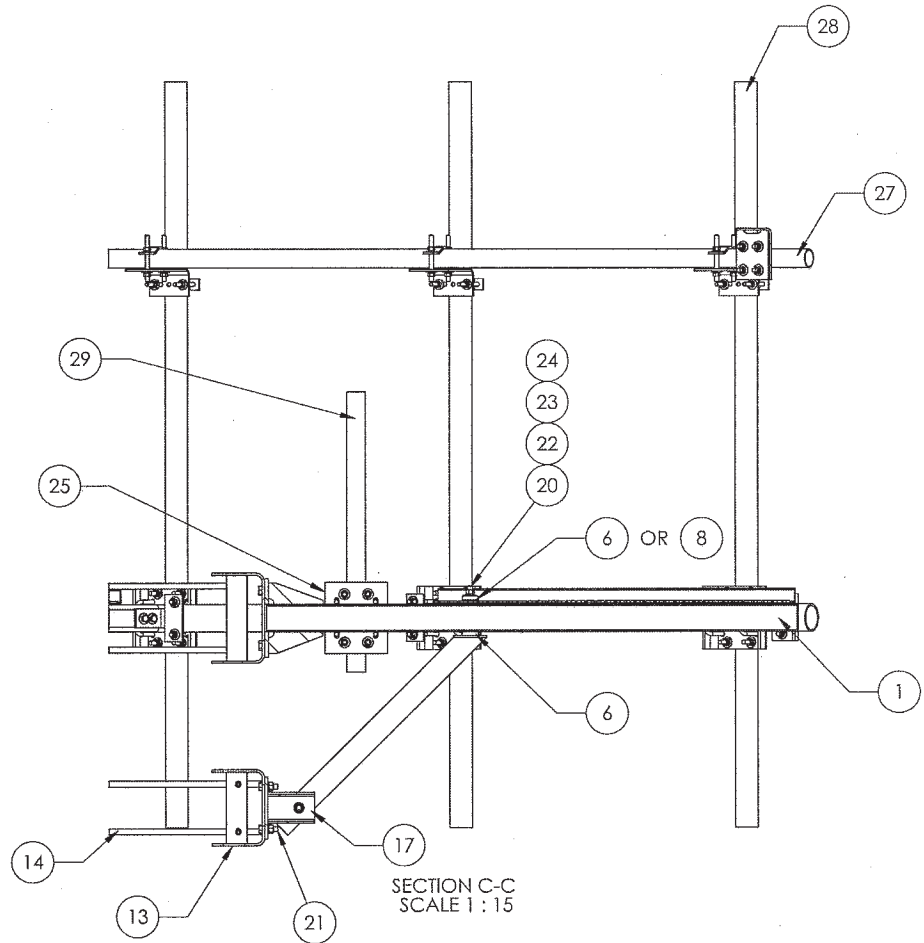
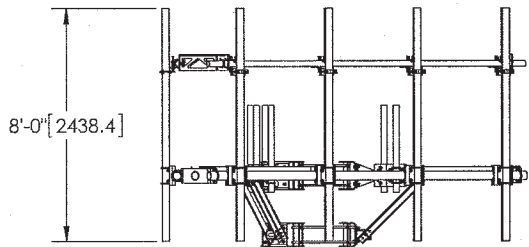
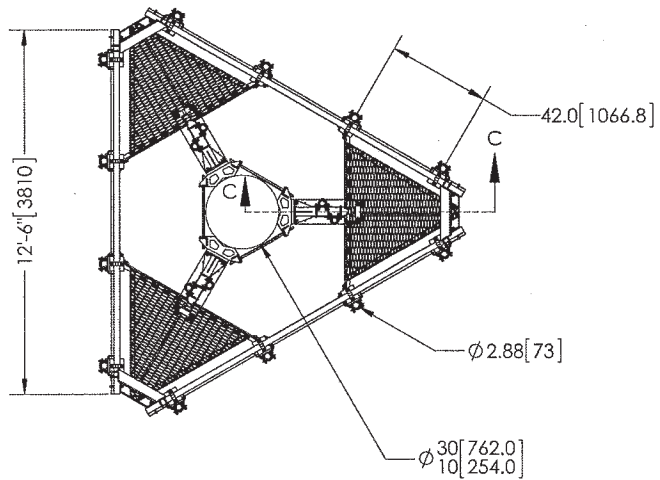


DETAIL D  
SCALE 1:10



DETAIL B  
SCALE 1:12

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	<small>Hickory, NC 28602 U.S.A.</small>		
	<small>U.S.A.</small>		



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	DESIGNED BY:	TP	DATE:	NTS	DESCRIPTION:	Low Profile Co-Location Platform Kit
	DATE:	09/24/13	BY:	A38, A500, A529	DRAWING TYPE:	ASSEMBLY DRAWING
	REVISION:	B	DATE:	06/11/23	WEIGHT:	2245.98 LBS



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October 30, 2013

**Subject: MTC3607 12½' Wide Platform Kit**

The MTC3607 12½' Wide Platform Kit referenced above has been analyzed to determine its capacity to structurally accommodate the criteria and loading specified below (ref. attached drawings):

Criteria: 2009 ANSI/TIA 222-G-2, Exp. C, SC II, Topographic Category 1  
2010 CBC Section 1609.1.1, Exception 5  
2009/2012 IBC Section 1609.1.1, Exception 5

Wind Speed: 110 mph (3-Second Gust) Basic Wind Speed

Platform Elev.: Not to Exceed 250 ft. AGL

Loading: (12) – 8' x 12" wide Panel Antennas (4 per sector)  
(21) – RRU's – 30" x 15" Max. dimensions (7 per sector)  
\*\* Weight of antennas, equipment, and ice shall not exceed 5,000 lbs.

Materials: Pipes: ASTM A53/A500 Gr. B or C  
Plates: ASTM A36  
U-bolts: ASTM A36  
Hdwr: ASTM A325 or SAE J429 Gr. 5

**Based on our analysis of the antenna and equipment loading indicated above, the MTC3607 12½' Wide Platform Kit is structurally adequate for the criteria stated above.**

**The MTC3607 12½' Wide Platform Kit is structurally adequate to accommodate two (2) 250 lb. crewman in a wind not exceeding 15 mph. Crewman shall be tied off to the pole structure while on the platform.**

## ATTACHMENT 2



**Table Provided in Answer to Interrogatory Question 52**  
*Main and secondary road coverage gaps by street names for the frequencies noted*

**Docket 449 - Gaps @ 700 MHz**

**Main Roads**

<b>Street Name</b>	<b>Road Segment (Miles)</b>
Black Rock Tpke	5.65
Dodgingtown Rd	0.82
Pinetree Rd	0.69
Rock House Rd	3.15
Sport Hill Rd	2.98
State Hwy 58	3.43
<b>Total (miles)</b>	<b>16.74</b>

**Secondary Roads**

<b>Street Name</b>	<b>Road Segment (Miles)</b>
Adams Rd	1.29
Algonquin Ln	0.06
Arthurs Ct	0.24
Aunt Park Ln	0.88
Aunt Pattys Ln E	0.23
Ballwall Rd	0.19
Barlow Dr	0.41
Barrows Rd	0.45
Beck Rd	0.31
Beech Ln	0.05
Bibbons Rd	1.27
Bohus Ln	0.20
Bridle Rd	0.46
Brookside Dr	0.16
Brookwood Dr	1.44
Burroughs Rd	0.53
Cedar Hill Ln	0.21
Cedar Hill Rd	0.60
Cemetary Rd	0.35
Center Rd	2.47
Church Hill Ln	0.15
Church Hill Rd	0.55

Church Rd	0.70
Codfish Hill Rd	0.04
Codfish Hill Road Ext	0.64
Country Club Ln	0.18
Cross Pl	0.04
Dairy Ln	0.10
Deerfield Dr	0.56
Den Rd	0.13
Dodgingtown Rd	0.02
Eden Hill Rd	2.32
Falls Ln	0.10
Farm Meadow Rd	0.52
Foundry Rd	0.63
Giles Hill Rd	1.01
Goodridge Rd	0.65
Great Meadow Rd	0.35
Greenleaf Farms Rd	0.90
Hickory Knoll Rd	0.56
High Ridge Rd	1.08
Honeysuckle Hill Ln	0.52
Hopewell Woods Rd	2.05
Hundred Acres Rd	1.55
Hunting Ridge Rd	0.25
Iris Ln	0.15
Jacklin Rd	0.33
Katrina Cir	0.57
Kellers Farm Rd	0.49
Knollcrest Rd	0.29
Lasky Dr	0.10
Ledgeway Rd	0.23
Lobdell Ln	0.18
Long Wall Rd	0.51
Martin Ln	0.16
Meadow Ridge Dr	0.15
Meeker Hill Rd	0.80
Merlins Ln	0.50
Middlebrook Pond Rd	0.30
Morris Rd	0.24

Mount Nebo Rd	1.13
Newtown Tpke	3.76
Northwood Dr	0.60
Oak Ridge Dr	1.06
Old Dodgingtown Rd	0.81
Old Hattertown Rd	0.45
Old Ln	0.06
Old Purdy Station Rd	0.26
Old Sow Rd	0.29
Old Stonewall Rd	0.40
Packer Brook Rd	0.41
Pheasant Ln	0.12
Phillips Dr	0.18
Phyllis Ln	0.53
Poor House Rd	0.43
Poverty Hollow Rd	6.04
Purdy Station Rd	0.24
Putnam Ave	0.29
Putnam Dr	0.27
Putnam Hill Dr	0.10
Raven Crest Dr	0.33
Red Coat Ln	0.13
Saddle Ridge Rd	0.37
Sanford Dr	0.27
School Hill Rd	0.27
Shut Rd	0.50
Silver Hill Rd	1.86
Silversmith Ln	0.17
South Ln	0.14
Split Rock Rd	0.43
Stanczyk Dr	0.19
Staples Rd	1.94
Stonewall Rdg	0.23
Storm Ridge Rd	0.12
Sullivan Rd	0.29
Summit Ln	0.07
Sunny Ridge Rd	0.66
Sunset Hill Rd	2.57

Sweetbrier Trl	0.36
Towns End Rd	1.22
Tranquility Dr	0.68
Trup Dr	0.13
Tunxis Trl	0.21
Uncle Johns Ln	0.23
Valley Rd	4.94
Vista Dr	0.63
Vonas Way	0.16
Webster Pl	0.37
Wiley Ln	0.13
Williams Ln	0.21
Williams Rd	0.28
Wimbledon Ln	0.18
Wood End Dr	0.50
<b>Total (miles)</b>	<b>70.58</b>

**Docket 449 - Gap @ 1900 MHz**

**Main Roads**

<b>Street Name</b>	<b>Road Segment (Miles)</b>
Black Rock Tpke	5.65
Dodgingtown Rd	0.82
Pinetree Rd	0.69
Rock House Rd	3.15
Sport Hill Rd	2.98
State Hwy 58	5.70
<b>Total (miles)</b>	<b>19.01</b>

**Secondary Roads**

<b>Street Name</b>	<b>Road Segment (Miles)</b>
Abbotts Hill Rd	0.54
Adams Rd	1.29
Algonquin Ln	0.06
Arthurs Ct	0.24
Aunt Park Ln	0.88
Aunt Pattys Ln E	0.23
Ballwall Rd	0.19

Barlow Dr	0.41
Barrows Rd	0.45
Beck Rd	0.31
Beech Ln	0.05
Bibbons Rd	1.27
Birnham Rd	0.21
Bohus Ln	0.20
Brookside Dr	0.16
Brookwood Ave	0.52
Brookwood Dr	0.92
Burroughs Rd	0.53
Cedar Hill Ln	0.21
Cedar Hill Rd	0.60
Cemetary Rd	0.35
Center Rd	2.47
Church Hill Ln	0.15
Church Hill Rd	0.55
Church Rd	0.77
Codfish Hill Rd	0.62
Codfish Hill Road Ext	0.64
Country Club Ln	0.18
Cricklewood Rd	0.17
Cross Hill Rd	0.21
Cross Pl	0.04
Dairy Ln	0.10
Deepwood Rd	0.54
Deerfield Dr	0.56
Den Rd	0.13
Dodgingtown Rd	0.02
Easton Heights Ln	0.59
Eden Hill Rd	2.32
Equestrian Rdg	0.87
Falls Ln	0.10
Farm Meadow Rd	0.52
Flat Swamp Rd	1.59
Foundry Rd	0.63
Giles Hill Rd	1.01
Goodridge Rd	0.65

Great Meadow Rd	0.35
Greenbush Rd	1.12
Greenleaf Farms Rd	0.90
Hickory Knoll Rd	0.56
High Ridge Rd	1.08
Honeysuckle Hill Ln	0.52
Hopewell Rd	0.64
Hopewell Woods Rd	1.41
Huckleberry Rd	0.57
Hundred Acres Rd	1.55
Hunting Ridge Rd	0.25
Iris Ln	0.15
Jacklin Rd	0.33
Jacobs Ln	0.93
John Read Rd	1.14
Katrina Cir	0.57
Kellers Farm Rd	0.49
Knollcrest Rd	0.29
Lasky Dr	0.10
Ledgeway Rd	0.23
Little River Ln	0.19
Lobdell Ln	0.18
Long Wall Rd	0.51
Longmeadow Ln	0.32
Martin Ln	0.16
Mattatuck Trl	0.13
Meadow Ridge Dr	0.15
Meadows Edge	0.11
Meeker Hill Rd	0.80
Merlins Ln	0.50
Middlebrook Pond Rd	0.30
Morris Rd	0.24
Mount Nebo Rd	1.13
Newtown Tpke	3.76
Northwood Dr	0.60
Oak Ridge Dr	1.06
Old Dodgingtown Rd	0.81
Old Field Ln	0.38

Old Hattertown Rd	0.45
Old Ln	0.06
Old Purdy Station Rd	0.26
Old Sow Rd	0.29
Old Stonewall Rd	0.40
Orchard Ln	0.53
Packer Brook Rd	0.41
Pheasant Ln	0.12
Pheasant Ridge Rd	0.78
Phillips Dr	0.18
Phyllis Ln	0.53
Poor House Rd	0.43
Poverty Hollow Rd	6.04
Purdy Station Rd	0.24
Putnam Ave	0.29
Putnam Dr	0.27
Putnam Hill Dr	0.10
Raven Crest Dr	0.33
Red Coat Ln	0.13
Ridgeline Rd	0.21
Saddle Ridge Rd	0.37
Sanford Dr	0.27
School Hill Rd	0.27
Sherwood Dr	0.46
Shut Rd	0.50
Silver Hill Rd	1.86
Silversmith Ln	0.17
South Ln	0.14
Split Rock Rd	0.43
Sport Hill Rd	3.05
Spur Rd	0.12
Stanczyk Dr	0.19
Staples Rd	0.58
Staples Rd	1.36
Steck Dr	0.13
Stonewall Rdg	0.23
Storm Ridge Rd	0.12
Sullivan Rd	0.64

Summit Ln	0.07
Sunny Ridge Rd	0.82
Sunnyview Dr	0.53
Sunset Hill Rd	2.57
Sweetbrier Trl	0.36
Todds Way	0.34
Towns End Rd	1.22
Tranquility Dr	0.68
Trup Dr	0.13
Tunxis Trl	0.21
Turney Rd	0.79
Twin Maple Dr	0.32
Uncle Johns Ln	0.23
Valley Rd	4.95
Van Campen Ln	0.20
Vista Dr	0.63
Vonas Way	0.16
Wagon Wheel Rd	0.69
Webster Pl	0.37
Wiley Ln	0.13
Williams Ln	0.21
Williams Rd	0.28
Wimbledon Ln	0.18
Wood Ave	0.03
Wood End Dr	0.79
<b>Total (miles)</b>	<b>89.35</b>