



**ENVIRONMENTAL MONITORING**  
**DAILY SITE OBSERVATION FORM**

**Report No. 4**

Project: Verizon Wireless Plymouth West Relo Facility  
Address: 33 Keegan Road, Plymouth, Connecticut

APT Project #: CT1412030

Date of Inspection: 10/14/16	Weather: Sunny, High 50's
Time of Inspection: 1:30 PM	Latest Precipitation Event > ¼" (NOAA): 0.32" on 10/10/2016
Compliance Monitor:	Dean Gustafson, Senior Wetland Scientist

<b>Regulatory Compliance Permitting Agency &amp; Permit ID:</b>	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Docket No.456 CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDDB <input checked="" type="checkbox"/> : Letter dated: April 20, 2015 USFWS <input checked="" type="checkbox"/> : Letter dated: November 17, 2015	
<b>Resource Protection Program:</b>	
Rare Species <input checked="" type="checkbox"/>	Species Name: eastern box turtle, wood turtle, whip-poor-will and Northern long eared bat
Wetland <input type="checkbox"/>	
Vernal Pool <input type="checkbox"/>	
<b>Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	
Date of Training: 3/31/16 Signage Installed Date: 3/31/16	
<b>Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	
Species Name: N/A # Species: N/A	
<b>Non-Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	
Species Name: N/A # Species: N/A Condition of Species: N/A	
<b>Progress of Construction:</b>	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Final Inspection	<input type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication <input type="checkbox"/> Acceptable <input type="checkbox"/> Problem Area <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Minor Exclusion Fencing Repair <input checked="" type="checkbox"/> Additional Exclusion Fencing Required <input checked="" type="checkbox"/> Sediment release into upland habitat without risk of resource impact Non-Compliance <input type="checkbox"/> <input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse	
Issues Requiring Corrective Action ("CA")	Corrective Action Implemented
CA #1- silt fence install along west side of access road entrance (only compost filter sock installed) per site plan C-1	4/8/16
CA #2 – controls to prevent siltation out on Keegan Rd needed (temp swale providing some control – no releases noted)	4/8/16
CA #3 – E&S control along west side of compound required per site plans C-1; minor erosion observed	4/8/16
CA #4 – west side of soil stockpile, remove sediment build up and temporary seed stockpile	8/26/16
CA #5 – west side of compound south of access road – add perimeter control for runoff and sediment discharge from rill erosion on west compound slope	8/26/16
CA #6 – access road entrance – repair silt fence at south end	8/26/16
CA #7 – east catch basin on Keegan Road – clean out clogged silt sock	8/26/16
CA#8 – clean catch basin silt sock of accumulated sediment	
CA#9 – seed and mulch exposed soil around new utility pole #201	
CA#10 – clean up gravel driveway material encroaching onto Keegan Road	
CA#11 – temp soil stockpile, remove accumulated sediment from compost filter sock; seed stockpile with winter rye if not removed within next two weeks	

Project Modification Requested:	
Extra Work Space Requested	<input type="checkbox"/>
Change to Work Area	<input type="checkbox"/>
Description of Modification: N/A	
Notes:	
<p><b>10/14/2016</b> – Overall, site is in good condition with no erosion or sediment release issues. Corrective Actions #8-#11 are relatively minor housekeeping issues that should be corrected to avoid possible future sediment releases. APT understands that site civil work will be finished up in the next two weeks.</p>	

Enclosures: Photo Documentation  
Sketch Map



Photo 1: View of CA#8, clean accumulated sediment in silt sock, looking north.



Photo 2: View of CA#9, seed and mulch exposed soil around new utility pole, looking northeast.





Photo 3: View of CA#10, clean up driveway material from Keegan Road, looking north.



Photo 4: View of CA#11, remove accumulated sediment from compost filter sock at temporary soil stockpile, looking north.





Photo 5: View of temporary soil stockpile (CA#11) looking northeast.



Photo 6: View of compound and tower looking south.





Photo 7: View of tower.



Photo 8: View of gravel access with tower in background, looking east.



**TRAFFIC CONTROL SIGNS**

(A)	31-1601	QUANTITY - 1	NO LEFT TURN
-----	---------	--------------	--------------

**ESTIMATED TREE REMOVAL SUMMARY**

TREES PROPOSED TO BE REMOVED IN LOCATION ALONG PROPOSED CELCO PARTNERSHIP ACCESS OR UTILITY EASEMENT	= 22
TREES PROPOSED TO BE REMOVED WITHIN AND AROUND THE PROPOSED CELCO PARTNERSHIP LEASE AREA	= 6
<b>TOTAL TREES PROPOSED TO BE REMOVED</b>	<b>= 28</b>

**SYMBOLS LEGEND**

---	PROPERTY LINE
- - - -	EASEMENT LINE (PROPOSED)
---	EXISTING ROAD
---	ACCESS DRIVE (PROPOSED)
---	LEASE AREA (PROPOSED)
---	CONTOUR LINE
---	GRADING LINE
○	UTILITY POLE
○	EXISTING DECIDUOUS TREE
○	EXISTING CONIFEROUS TREE
○	EXISTING DECIDUOUS TREE TO BE REMOVED
○	EXISTING CONIFEROUS TREE TO BE REMOVED
---	COMPOST FILTER SOCK/STRAW WATTLE
---	EXISTING TREE LINE
---	FENCE LINE
X	SPOT ELEVATION (PROPOSED)
---	EXISTING STONE WALL
WF# 1-04	WETLAND BOUNDARY
---	SILTATION FENCE
TLC	TOP LEDGE CUT
BLC	BOTTOM LEDGE CUT

**SURVEY NOTES**

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1998. IT IS A BOUNDARY & TOPOGRAPHIC MAP AND IS BASED UPON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2 AND A VERTICAL ACCURACY OF CLASS T-2 AND IS INTENDED TO BE USED TO DEPICT A PROPOSED TELECOMMUNICATION SITE.

VERTICAL DATUM IS BASED ON NGVD 29.

COORDINATES REFER TO NAD 83.

PARCEL OWNER OF RECORD: STEVEN A. WESTALL  
M.A.: 41 KEEGAN ROAD  
PLYMOUTH, CT 06782

PARCEL AREA = 12.4± ACRES.

PARCEL ID: MAP 547, BLOCK 65 LOT 18A-1 PLYMOUTH ASSESSOR'S OFFICE.

PARCEL LIES WITHIN A RA1 ZONING DISTRICT.

DIVISION LINE BETWEEN LOTS 18A-1 & 18 IS BASED ON CORRECTED PLOT PLAN SKETCH SHOWING CURRENT PARCEL DIVISION LINE FOUND IN PLYMOUTH ZONING DEPARTMENT.

PARCEL IS NOT IN A FLOOD HAZARD ZONE ON THE FLOOD INSURANCE RATE MAP, TOWN OF PLYMOUTH, LITCHFIELD COUNTY, CONNECTICUT, PANEL 3 OF 10, COMMUNITY PANEL NUMBERS 0901138 0003 C, MAP REVISED NOVEMBER 6, 1998, BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

NOT ALL IMPROVEMENTS SHOWN.

**MAP REFERENCES**

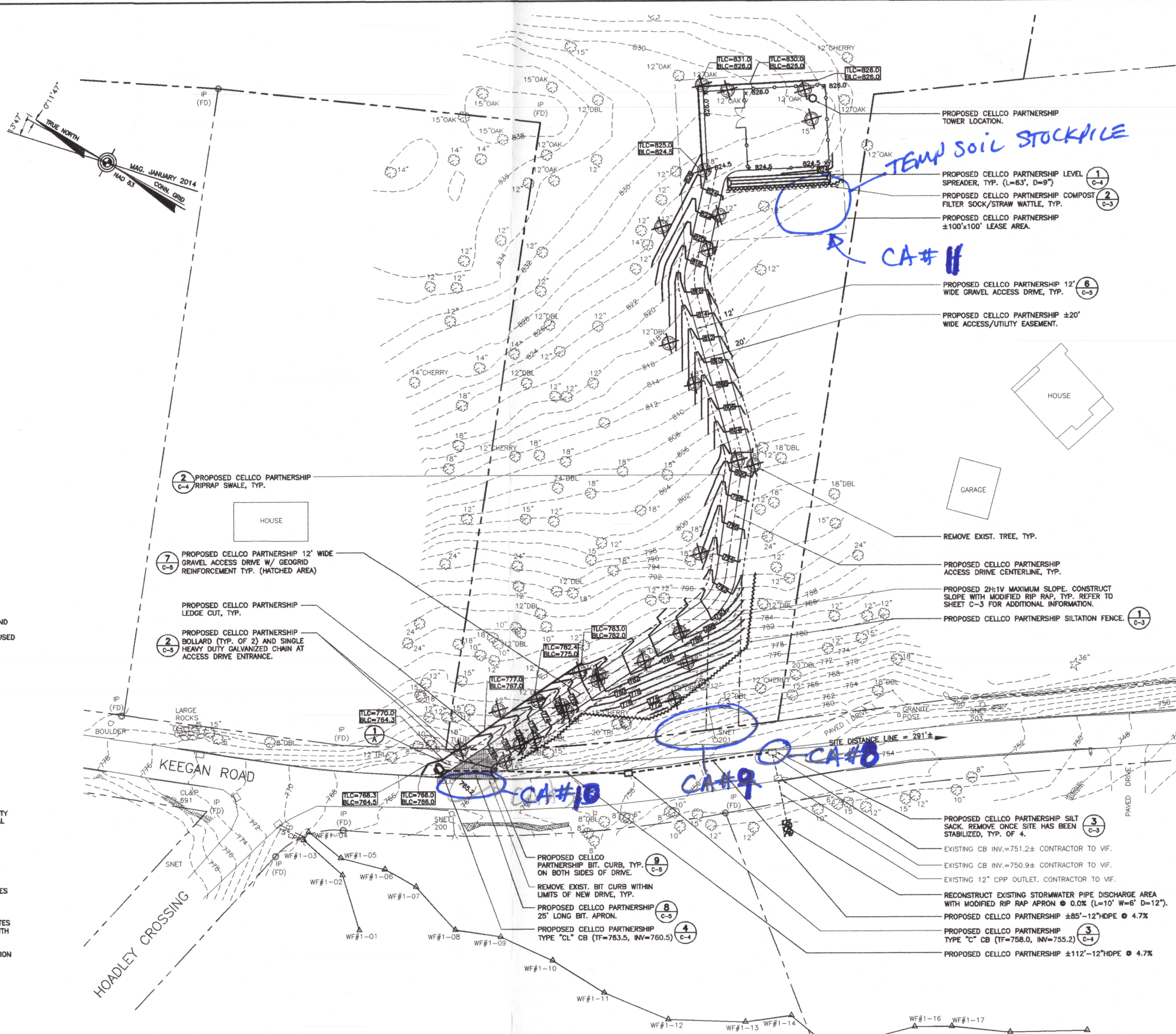
- 1) MAP SHOWING PROPERTY OF HOLLY M. WESTALL SOUTH STREET EXTENSION PLYMOUTH, CONN. SCALE: 1"=50', DATED: SEPT. 22, 1983. BY MATTSO ASSOCIATES LAND SURVEYORS & CIVIL ENGINEERS.
- 2) MAP SHOWING PROPERTY OF STEVEN A. WESTALL SOUTH STREET EXTENSION PLYMOUTH, CONN. SCALE: 1"=100', DATED: JULY 30, 1986. BY MATTSO ASSOCIATES LAND SURVEYORS & CIVIL ENGINEERS. THIS MAP WAS NOT FOUND IN THE PLYMOUTH LAND RECORDS, PLANNING OR ZONING DEPARTMENTS.
- 3) PROPERTY SURVEY MAP SHOWING REVISIONS TO LOT LINES PONDVIEW SUBDIVISION LOTS 1-1, 1-7, & 1-9 TERENCE FDLEY SOUTH STREET AND KEEGAN ROAD PLYMOUTH, CONN. SCALE 1" = 100' DATED: APRIL 22, 1999, BY ROBERT GREEN ASSOCIATES L.L.C. SURVEYORS & ENGINEERS.

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL

A. RAFAEL MARTINEZ LLS #18833

DATE



PROPOSED CELCO PARTNERSHIP TOWER LOCATION.

- PROPOSED CELCO PARTNERSHIP LEVEL SPREADER, TYP. (L=63', D=9")
- PROPOSED CELCO PARTNERSHIP COMPOST FILTER SOCK/STRAW WATTLE, TYP.
- PROPOSED CELCO PARTNERSHIP ±100'x100' LEASE AREA.

- PROPOSED CELCO PARTNERSHIP 12' WIDE GRAVEL ACCESS DRIVE, TYP.

- PROPOSED CELCO PARTNERSHIP ±20' WIDE ACCESS/UTILITY EASEMENT.

- REMOVE EXIST. TREE, TYP.

- PROPOSED CELCO PARTNERSHIP ACCESS DRIVE CENTERLINE, TYP.

- PROPOSED 2H:1V MAXIMUM SLOPE. CONSTRUCT SLOPE WITH MODIFIED RIP RAP, TYP. REFER TO SHEET C-3 FOR ADDITIONAL INFORMATION.

- PROPOSED CELCO PARTNERSHIP SILTATION FENCE.

- PROPOSED CELCO PARTNERSHIP SILT SACK. REMOVE ONCE SITE HAS BEEN STABILIZED, TYP. OF 4.

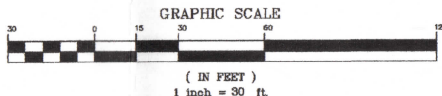
- EXISTING CB INV.=751.2± CONTRACTOR TO V.F.
- EXISTING CB INV.=750.9± CONTRACTOR TO V.F.
- EXISTING 12" CPP OUTLET. CONTRACTOR TO V.F.

- RECONSTRUCT EXISTING STORMWATER PIPE DISCHARGE AREA WITH MODIFIED RIP RAP APRON @ 0.0% (L=10' W=6' D=12").

- PROPOSED CELCO PARTNERSHIP ±85'-12"HDPE @ 4.7%

- PROPOSED CELCO PARTNERSHIP TYPE "C" CB (TF=758.0, INV=755.2)
- PROPOSED CELCO PARTNERSHIP ±112'-12"HDPE @ 4.7%

**1 PARTIAL SITE PLAN**  
C-1 SCALE: 1" = 30'



COMPLIANCE INSPECTION  
10/14/16 DEG

PROFESSIONAL ENGINEER SEAL	DMD	DRAWN BY	CHK'D BY	DESCRIPTION
	0	11/17/15	HMR	DATE
				REV.
<p><b>CELCO PARTNERSHIP</b> d.b.a. Verizon Wireless</p>				
<p><b>CENTEX</b> Engineering Communications</p>				
<p>Cellco Partnership d/b/a Verizon Wireless WIRELESS COMMUNICATIONS FACILITY <b>PLYMOUTH WEST RELO.</b> 33 KEEGAN ROAD PLYMOUTH, CT 06782</p>				
DATE: 08/03/15				
SCALE: AS NOTED				
JOB NO. 13321.000				
PARTIAL SITE PLAN				
<b>C-1</b>				
Sheet No. 2 of 9				