

# VISUAL ANALYSIS

PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY

SITE NAME: PEMBROKE\_5\_MA

LOCATION CODE: 430514

ADDRESS: 85 WASHINGTON STREET, PEMBROKE, MA 02359

# LETTER OF METHODOLOGY

PROPOSED WIRELESS TELECOMMUNICATIONS INSTALLATION

CLIENT: Verizon Wireless, Celco Partnership d/b/a

SITE NAME: PEMBROKE\_5\_MA

The following is a description of the methods used by Nexius in preparing the Visual Analysis of a post construction, VerizonWireless, CelcoPartnership d/b/a Installation.

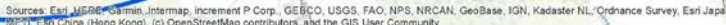
A site visit was made, and photographs were taken from specific locations around the Facility. The weather condition and visibility were within acceptable levels to conduct the Visual Analysis.

An initial balloon test was attempted for this proposed tower installation on 01-16-21. Unfortunately, due to unacceptable wind conditions at that time. That effort was canceled and a second test utilizing a crane which is less effected by winds was completed on 02-06-21. As part of that effort the crane was placed in the westerly corner of the parking lot as close as possible to the exact location of the proposed tower installation. Photographs were then taken from the surrounding area at locations at distance ranges of quarter mile, half mile and one mile from the proposed tower installation.

Using technical and mechanical specification documents we built and arranged the equipment using Autodesk 3ds Max software. Autodesk 3ds Max allows us to add a daylight system that calculates which direction the sun will point according to the date and time of day in which the photographs were taken. The next step involves loading a map with the photo-location points into Autodesk 3ds Max. Virtual cameras are then inserted into the scene and placed according to where the photo-locations lay. These cameras represent the photographer who took the photographs and take into consideration the average height at which the camera would have been held by an average 5'-6' person. Due to the cameras being located correctly they automatically calculate the exact distance and perspective of the proposed equipment. This generates simulated 3D views of the proposed equipment from the photographer's viewpoint. Once these simulated viewpoints are created in Autodesk 3ds Max, realistic lighting, shadows and materials are rendered upon the proposed equipment. The result is multiple images that depict the proposed equipment placed "inside" the photograph of the existing environment.

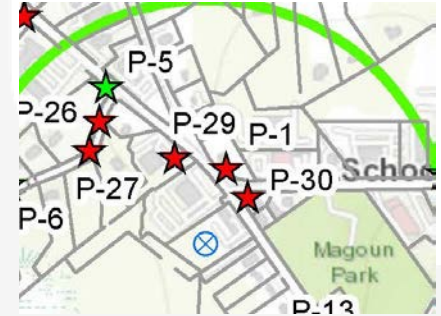
The new images created by 3ds Max are imported into Adobe Photoshop and laid over the existing image. These images are then brought into Microsoft PowerPoint and each view is labeled accordingly based upon the information provided by the field technician. The final product results in high quality "before and after" images that accurately depict the addition of future equipment, not yet built, to existing photographs.

NOTE: These photo simulations are intended to represent modifications relative to a person observing the aesthetics of the proposed telecommunications installation. Therefore, they are inherently approximate in nature and should not be used as an exact, scaled engineering drawing.



## VIEW 1- EXISTING CONDITION: LOOKING SOUTH-SOUTHWEST FROM WASHINGTON STREET

\_04





## VIEW 1- PROPOSED CONDITION: LOOKING SOUTH-SOUTHWEST FROM WASHINGTON STREET

\_05



VIEW 2- EXISTING CONDITION: LOOKING WEST-SOUTHWEST FROM SCHOOSSETT STREET  
PROPOSED TOWER NOT VISIBLE

\_06





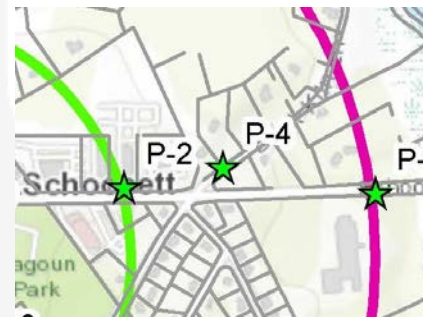
VIEW 3- EXISTING CONDITION: LOOKING WEST-SOUTHWEST FROM SCHOOSSETT STREET  
PROPOSED TOWER NOT VISIBLE

\_07



# VIEW 4- EXISTING CONDITION: LOOKING SOUTHWEST FROM BRICK KILN LANE PROPOSED TOWER NOT VISIBLE

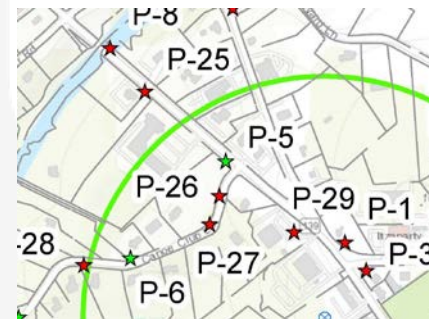
\_08





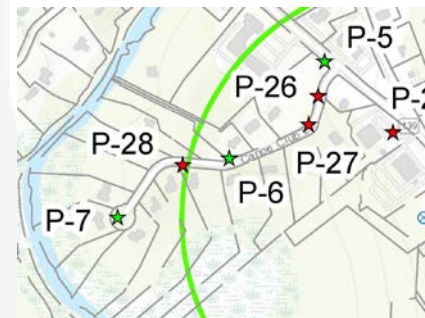
VIEW 5- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD  
PROPOSED TOWER NOT VISIBLE

\_09



VIEW 6- EXISTING CONDITION: LOOKING EAST-SOUTHEAST FROM CANOE CLUB LANE  
PROPOSED TOWER NOT VISIBLE

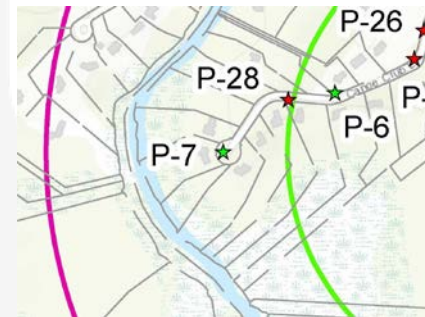
\_010





VIEW 7- EXISTING CONDITION: LOOKING EAST FROM CANOE CLUB LANE  
PROPOSED TOWER NOT VISIBLE

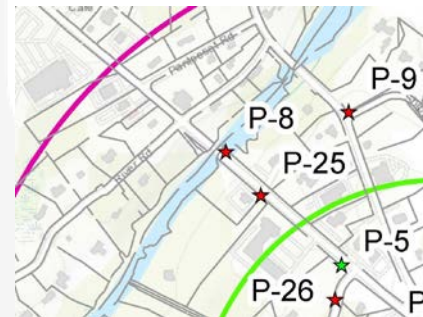
\_011





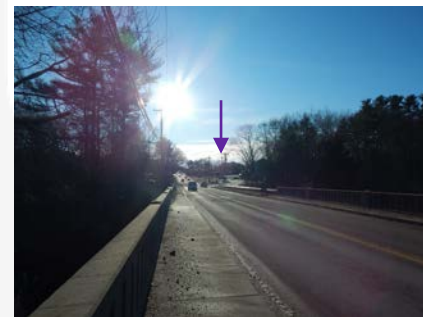
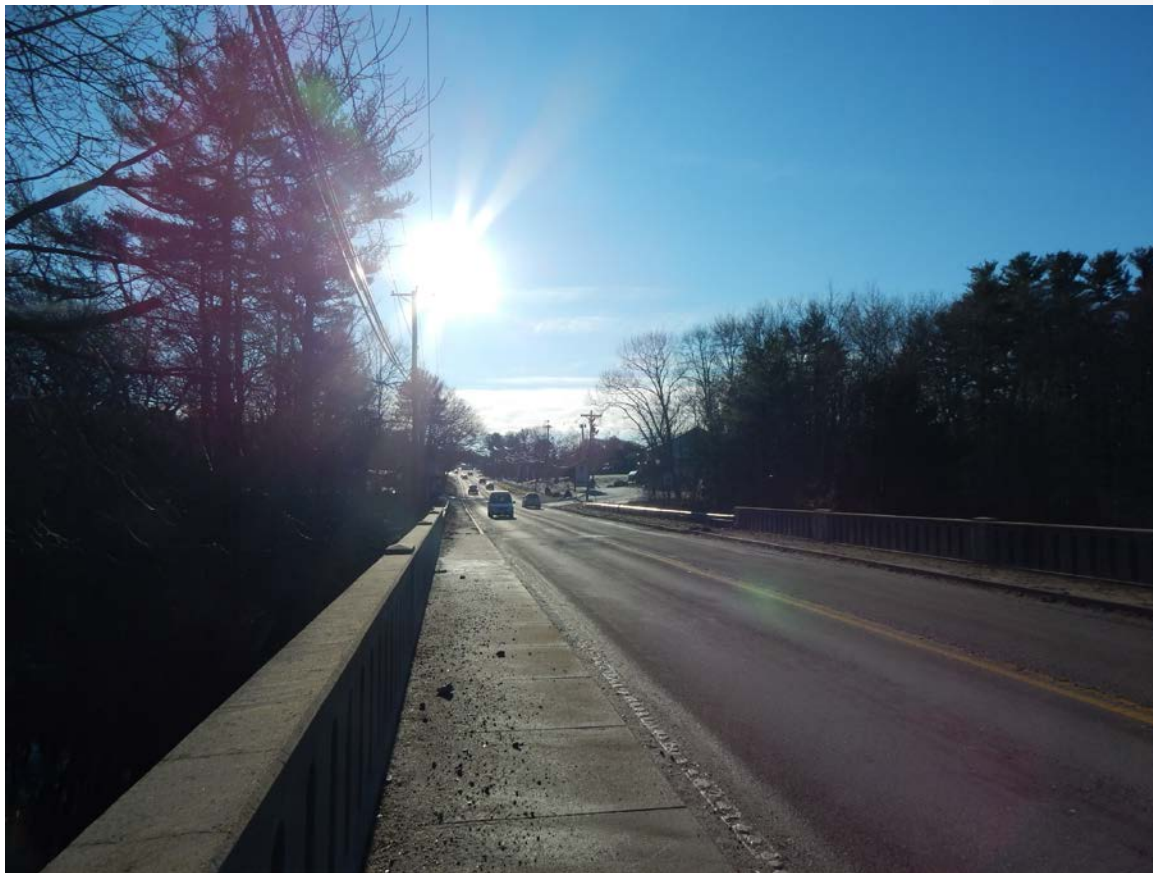
## VIEW 8- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

\_012



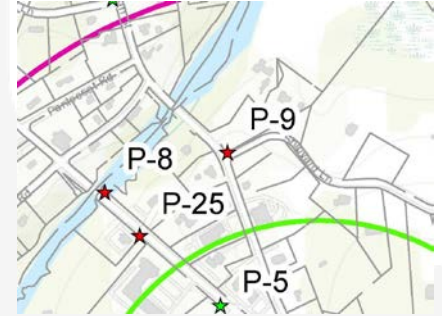
## VIEW 8- PROPOSED CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

\_013



## VIEW 9- EXISTING CONDITION: LOOKING SOUTH-SOUTHEAST FROM WASHINGTON STREET

\_014





## VIEW 9- PROPOSED CONDITION: LOOKING SOUTH-SOUTHEAST FROM WASHINGTON STREET

\_015



VIEW 10- EXISTING CONDITION: LOOKING SOUTHEAST FROM BUTTONWOOD LANE  
PROPOSED TOWER NOT VISIBLE

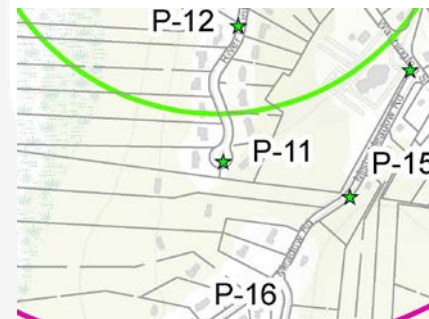
\_016





# VIEW 11- EXISTING CONDITION: LOOKING NORTH FROM RIVERPOINT DRIVE PROPOSED TOWER NOT VISIBLE

\_017





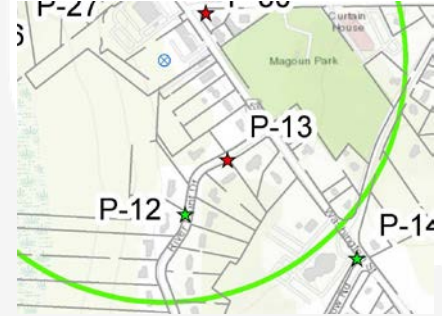
## VIEW 12- EXISTING CONDITION: LOOKING NORTH FROM RIVERPOINT DRIVE PROPOSED TOWER NOT VISIBLE

\_018



## VIEW 13- EXISTING CONDITION: LOOKING NORTHWEST FROM RIVERPOINT STREET

\_019





## VIEW 13- PROPOSED CONDITION: LOOKING NORTHWEST FROM RIVERPOINT STREET

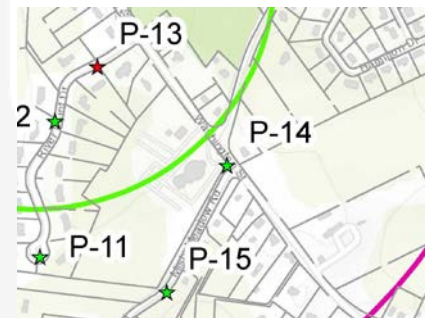
\_020





VIEW 14- EXISTING CONDITION: LOOKING NORTHWEST FROM MISTY MEADOW ROAD  
PROPOSED TOWER NOT VISIBLE

\_021



VIEW 15- EXISTING CONDITION: LOOKING NORTHWEST FROM MISTY MEADOW ROAD  
PROPOSED TOWER NOT VISIBLE

\_022





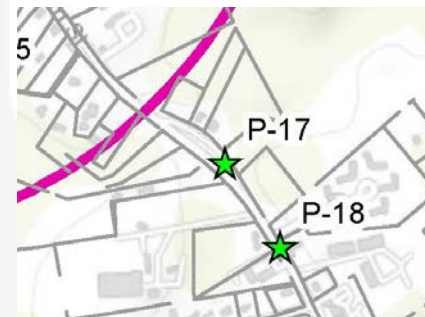
VIEW 16- EXISTING CONDITION: LOOKING NORTH FROM MISTY MEADOW ROAD  
PROPOSED TOWER NOT VISIBLE

\_023



VIEW 17- EXISTING CONDITION: LOOKING NORTHWEST FROM WASHINGTON STREET  
PROPOSED TOWER NOT VISIBLE

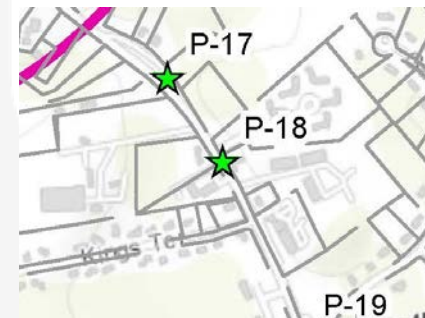
\_024





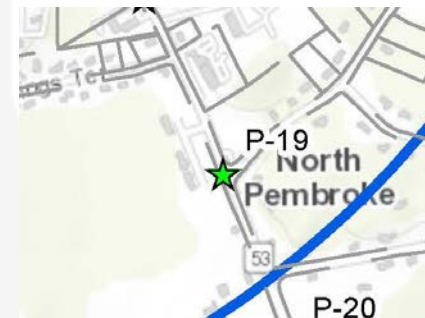
VIEW 18- EXISTING CONDITION: LOOKING NORTHWEST FROM WASHINGTON STREET  
PROPOSED TOWER NOT VISIBLE

\_025



VIEW 19- EXISTING CONDITION: LOOKING NORTHWEST FROM WASHINGTON STREET  
PROPOSED TOWER NOT VISIBLE

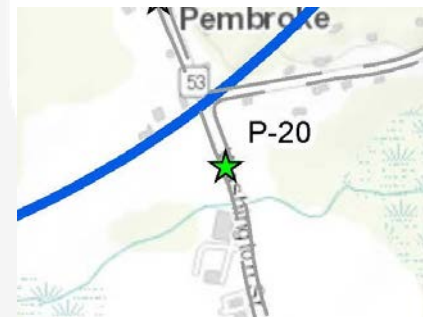
\_026





VIEW 20- EXISTING CONDITION: LOOKING NORTHWEST FROM WASHINGTON STREET  
PROPOSED TOWER NOT VISIBLE

\_027



VIEW 21- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD  
PROPOSED TOWER NOT VISIBLE

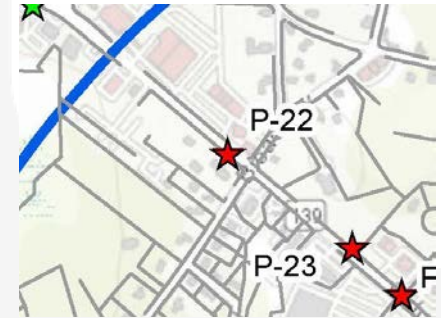
\_028





## VIEW 22- EXISTING CONDITION: LOOKING SOUTHEAST FROM BROADWAY

\_029



## VIEW 22- PROPOSED CONDITION: LOOKING SOUTHEAST FROM BROADWAY

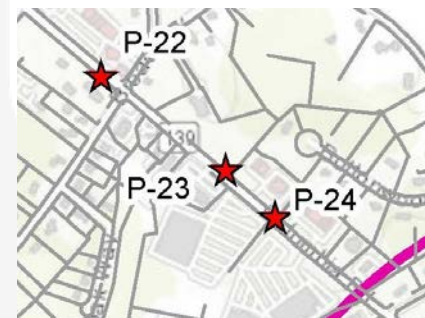
\_030





## VIEW 23- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

\_031



## VIEW 23- PROPOSED CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

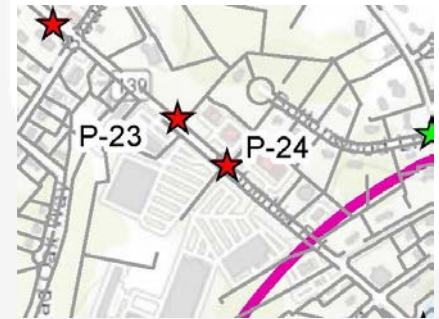
\_032





## VIEW 24- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

\_033



## VIEW 24- PROPOSED CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

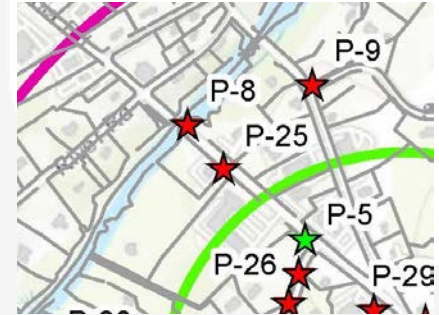
\_034





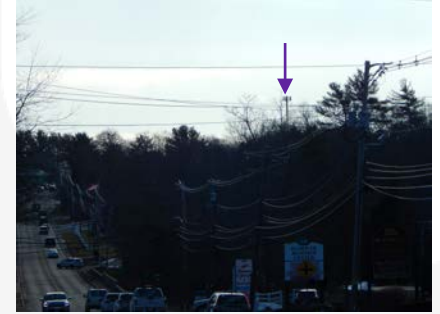
## VIEW 25- EXISTING CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

\_035



## VIEW 25- PROPOSED CONDITION: LOOKING SOUTHEAST FROM COLUMBIA ROAD

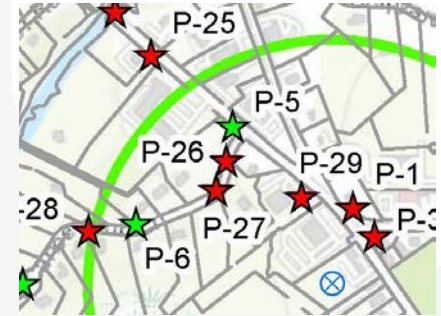
\_036





## VIEW 26- EXISTING CONDITION: LOOKING SOUTHEAST FROM CANOE CLUB LANE

\_037



## VIEW 26- PROPOSED CONDITION: LOOKING SOUTHEAST FROM CANOE CLUB LANE

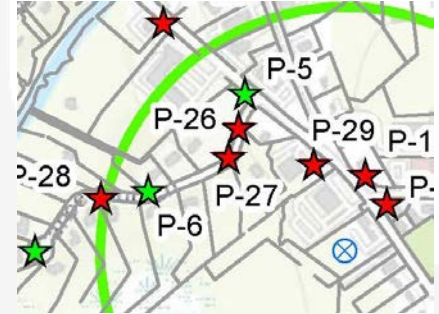
\_038





## VIEW 27- EXISTING CONDITION: LOOKING SOUTHEAST FROM CANOE CLUB LANE

\_039



## VIEW 27- PROPOSED CONDITION: LOOKING SOUTHEAST FROM CANOE CLUB LANE

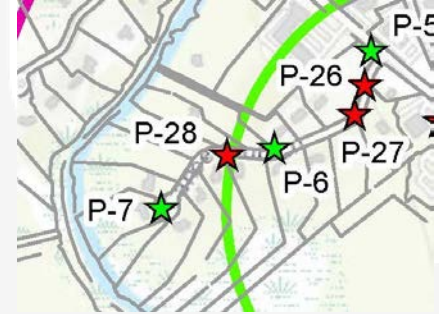
\_040





## VIEW 28- EXISTING CONDITION: LOOKING EAST FROM CANOE CLUB LANE

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## VIEW 28- PROPOSED CONDITION: LOOKING EAST FROM CANOE CLUB LANE

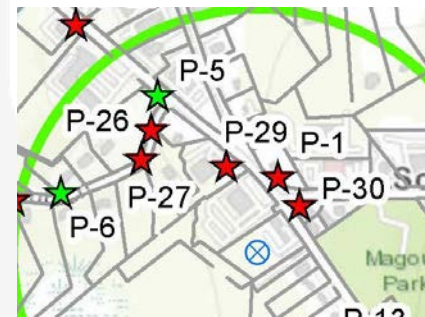
\_042





## VIEW 29- EXISTING CONDITION: LOOKING SOUTH FROM COLUMBIA ROAD

\_043



## VIEW 29- PROPOSED CONDITION: LOOKING SOUTH FROM COLUMBIA ROAD

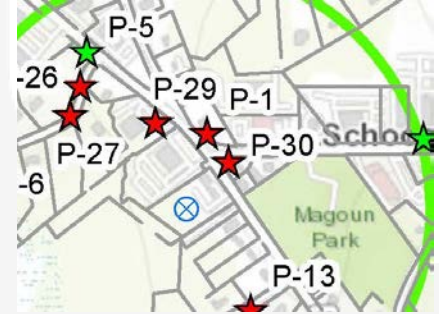
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## VIEW 30- EXISTING CONDITION: LOOKING SOUTHWEST FROM COLUMBIA ROAD

\_045



## VIEW 30- PROPOSED CONDITION: LOOKING SOUTHWEST FROM COLUMBIA ROAD

\_046





Thank you  
Let's PowerUP

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