

**REVIEW COMMENT AND RESOLUTION SHEET**  
**PROJECT NO. 604688**  
 Belmont-Watertown: Reconstruction of Trapelo Rd.



**DESIGNER: BSC Group**

Submittal: 75% Submittal Phase: Utility Pole Relocation Assessment (MBTA Pole Relocation Assessment has not been completed)

REVIEWER:  MASSDOT  FHWA  Other \_\_\_\_\_

Reviewer: District 4 Utilities and Constructability Date: November 4, 2011 (Responded to on 2/17/12)

NO.	SHEET	COMMENT	INITIAL ACTION	RESPONSE	QC Review <sup>1</sup>	Final Action/ Verified <sup>2</sup>
<i>Completed by Reviewer</i>			<i>Completed by Designer</i>		<i>Compl. by Designer</i>	<i>Compl. by MassDOT Reviewer</i>
	Project Wide	The Consultant should review proposed drainage installation and its relation to utility pole positions. Notes should be added to the plans stating that poles may need to be temporarily supported during excavation for drainage lines and structures.	S	This requirement has been added as a General Note.		
	Project Wide	There are several street lighting poles proposed to be relocated that are fed underground. Please show a new underground service to the relocated light.	B	We have not done this. As the light poles are owned by Belmont Municipal Light Department and they will be relocating them we believe that they will have better information as to where the poles are serviced from. If we got the information from them and put it on our plans they would want to check it before going into the field to do the work.	PJB	
	DU-1	<u>Sta. 18+00 to Sta. 21+50 Lt.</u> – Please review the utility pole relocations on the left side of Trapelo Rd in this area. Placing poles at the back of sidewalk will most likely create several aerial ROW infringements.	A	The utility pole relocations in this area (along the curve between Mill and Trapelo) were revised so that the poles are located at the front of the sidewalk to avoid any potential aerial ROW infringements.	PJB	

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	DU-1	<u>Sta. 1+38 Rt. (Mill St)</u> – Can this utility pole be retained in its current position? Verizon has an underground riser on this pole and has requested that it be retained if possible.	A	This utility pole will be retained in its current location. However, the existing pole is located 3’10” from the back of the sidewalk and the sidewalk snow plow will not be able to get through in this area. The Belmont Housing Authority has been and will continue to clear snow in this area.	PJB	
	DU-2	<u>Sta. 25+51 Rt.</u> – Confirm that the pole will not be within a proposed WCR.	A	The utility pole at Sta. 25+51 Rt. is not located in the proposed WCR. The pole is located adjacent to the WCR in a grass (non-walking) area.	PJB	
	DU-3	<u>Sta. 30+50 Rt.</u> – Why is this light pole proposed to be relocated? It appears that there is adequate ADA clearance existing behind the light. In addition, there is concern over placing it directly next to a new stone wall at this property. The wall may be undermined during excavation for the relocated light pole.	A	This light pole is proposed to be relocated to move it outside of the WCR and to gain the 56” clearance required for the town’s sidewalk snow plow.	PJB	
	DU-3	<u>Sta. 33+70 Rt.</u> – Confirm that the pole will not be within a proposed WCR. It was noted during a field visit, that this pole is severely leaning and may need to be replaced (Consultant should confirm with utility).	A	The pole is being proposed to be retained on adjacent to the WCR on a non-walking surface. If pole is to be moved, it will require an easement.	PJB	
	DU-6	<u>Sta. 41+17 Rt.</u> – Why is this light being relocated? It appears there is adequate ADA clearance behind the pole in its current location.	A	The light pole at this location is proposed to be removed. The luminaire is proposed to be removed and relocated to the proposed adjacent MBTA pole as are the rest of the luminaires in this area.	PJB	
	DU-9	<u>Sta. 57+36 Rt.</u> – This UP should be RET in its current location. There is approx. 6’ clearance behind the pole, therefore there is no need to relocate it. This is also a Verizon riser pole.	A	This utility pole has been changed to be retained in its existing location.	PJB	
	DU-9	<u>Sta. 57+54 Lt.</u> – This UP should be RET in its current location. There is approx. 6’ clearance behind the pole, therefore there is no need to relocate it. This is also a Verizon riser pole.	A	This utility pole has been changed to be retained in its existing location.	PJB	

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	DU-9	<u>Sta. 58+70 Rt.</u> – Confirm that the pole will not be within a proposed WCR.	A	This pole is not located within the WCR. The pole is located within a landscaped (non-walking) strip adjacent to the WCR.	PJB	
	DU-9	<u>Sta/ 61+02 Rt.</u> – The proposed drainage passes right through this UP. Also, confirm that the pole will not be within a proposed WCR.	A	The alignment of the drainage system has changed and this is no longer an issue.	PJB	
	DU-10	<u>Sta. 62+86 Rt.</u> – The proposed location of this pole is out of line with the rest of the poles and would require additional guying. Attempt to keep this pole in line with the existing pole line.	A	The pole in question is no longer being relocated to a place out of line with the other utility poles.	PJB	
	DU-11	<u>Sta. 69+27 Rt.</u> – It appears that this pole is proposed to be relocated to allow for a widening of the existing driveway opening. If this is the only reason it is being relocated then it should be retained in its current location.	A	This utility pole has been changed to be retained in its existing location.	PJB	
	DU-11	<u>Sta. 0+47 Rt. (Harriet Ave)</u> – Please propose a new location for this pole. The proposed location will create an aerial ROW infringement.	A	This utility pole has been changed to be retained in its existing location.	PJB	
	DU-15	<u>Sta. 4+69 Rt. (Common St)</u> – Please confirm that this street light pole must be relocated. It appears that it may not fall within the proposed WCR.	A	It is confirmed that this street light must be relocated so that it is not located within the proposed WCR.	PJB	
	DU-18	<u>Sta. 97+39 Lt.</u> – It appears that there will be adequate ADA clearance existing in front of this pole if the proposed grass strip is ended prior to the pole, and therefore this pole should not be relocated.	A	This pole is now listed to be retained.	PJB	
	DU-18	<u>Sta. 99+83 Lt.</u> – It appears that this UP may be within a WCR transition area. Please confirm.	A	The proposed WCR has been redesigned so that the UP is not located within the WCR. The UP will be retained at its existing location.	PJB	
	DU-22	Please confirm that it is necessary to relocate all the poles along the left side of Belmont St. Elimination of the minor curb shift would save 3 utility pole relocations and multiple MBTA relocations as well.	A	After submitting a DER to reduce the travel lane width, the curb alignment was shifted and the utility poles are to be retained in their current locations.	PJB	

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	DU-22	<u>1+92 Rt. (School St)</u> – Please show the several aerial services that are connected to this pole.	A	This pole is no longer being relocated and the need to show the services is no longer there.	PJB	
	DU-22	<u>Sta. 121+76 Rt.</u> – Can the WCR design be altered to save this UP relocation?	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a grass (non-walking) area adjacent to the WCR.	PJB	
	DU-22	<u>Sta. 123+11 Rt.</u> - It appears that this pole is proposed to be relocated to allow for a widening of the existing driveway opening. If this is the only reason it is being relocated then it should be retained in its current location.	A	The curbing for the driveway opening has been altered so that the UP will be retained in its existing location.	PJB	
	DU-23	Please confirm that it is necessary to relocated all the poles along the left side of Belmont St. Elimination of the minor curb shift would save 4 utility pole relocations and multiple MBTA relocations as well.	A	After submitting a DER to reduce the travel lane width, the curb alignment was shifted and the utility poles are to be retained in their current locations.	PJB	
	DU-23	<u>Sta. 123+99 Lt.</u> – The proposed location of the utility pole will create an aerial ROW infringement. A new location must be determined if this pole must move.	A	After submitting a DER to reduce the travel lane width, the curb alignment was shifted and this utility pole is to be retained in its current location. No aerial ROW will be required.	PJB	
	DU-23	<u>Sta. 124+11 Rt.</u> – It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a grass (non-walking) area adjacent to the WCR.	PJB	
	DU-23	<u>Sta. 125+92 Lt.</u> - It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a banding (non-walking) area adjacent to the WCR.	PJB	
	DU-23	<u>Sta. 126+46 Rt.</u> – It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a grass (non-walking) area adjacent to the WCR.	PJB	

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	DU-23	<u>Sta. 127+85 Lt.</u> – It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a grass (non-walking) area adjacent to the WCR.	PJB	
	DU-24	Please confirm that it is necessary to relocated all the poles along the left side of Belmont St. Elimination of the minor curb shift would save 3 utility pole relocations and multiple MBTA relocations as well.	A	After submitting a DER to reduce the travel lane width, the curb alignment was shifted and the utility poles (except at Park Road) are to be retained in their current locations.	PJB	
	DU-24	<u>Sta. 130+95 Rt.</u> - It appears this pole is within the wing of a proposed WCR. Please confirm. Note also that it appears the wires currently cross private property and any changes made to existing conditions for this pole may then require aerial easements.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a grass (non-walking) area adjacent to the WCR. No aerial ROW will be required.	PJB	
	DU-24	<u>Sta. 131+22 Lt.</u> – Can the WCR design be altered to Ret this pole? The current proposed location will create an aerial ROW infringement. A new location would need to be proposed if this pole must move.	A	After evaluating, it was determined that the WCR could not be altered to retain the pole. However, a new proposed pole location was determined that will not require any easement.	PJB	
	DU-24	<u>Sta. 134+41 Lt.</u> – If the proposed WCR were shifted westerly (also WCR across Belmont St would need to be shifted) this UP may be able to be RET in its current location.	A	The two WCR were altered so that the UP will be retained in its existing location.	PJB	
	DU-24	<u>Sta. 1+47 Lt. (Grove St.)</u> – Can the curb be shifted here to RET the pole?	A	The project limits will not end at Sta. 1+11 on grove street so the UP will be retained at its existing location.	PJB	
	DU-25	Please confirm that it is necessary to relocated all the poles along the left side of Belmont St. Elimination of the minor curb shift would save 3 utility pole relocations and multiple MBTA relocations as well.	A	After submitting a DER to reduce the travel lane width, the curb alignment was shifted and the utility poles are to be retained in their current locations.	PJB	
	DU-25	<u>Sta. 138+67 Lt.</u> - It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a banding (non-walking) area adjacent to the WCR.	PJB	

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	DU-26	Please confirm that all pole relocation will be eliminated on this sheet. It was discussed at a field meeting that there would be no changes to the road geometry here.	A	It is confirmed that all pole relocation will be eliminated on this sheet after roadway geometry changes.	PJB	
	DU-27	<u>Sta. 140+96 Lt.</u> – It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will not be located within the WCR.	PJB	
	DU-27	<u>Sta. 142+06 Rt.</u> – It appears this pole is within the wing of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will not be located within the WCR.	PJB	
	DU-27	<u>Sta. 143+39 Lt.</u> – Can the WCR design be altered to RET this pole?	A	The WCR was altered so that the UP will be retained in its existing location. The UP will be located in a banding (non-walking) area adjacent to the WCR.	PJB	
	DU-27	<u>Sta. 144+60 Rt.</u> – It appears this pole is within the transition area of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will be retained in its existing location. The UP will not be located within the WCR.	PJB	
	DU-28	<u>Sta. 146+35 Lt.</u> – It appears this pole is within the transition area of a proposed WCR. Please confirm.	A	The WCR was altered so that the UP will not be in the transition area of the proposed WCR.	PJB	

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