

Consolidated No: 318319 Municipality: Ossipee

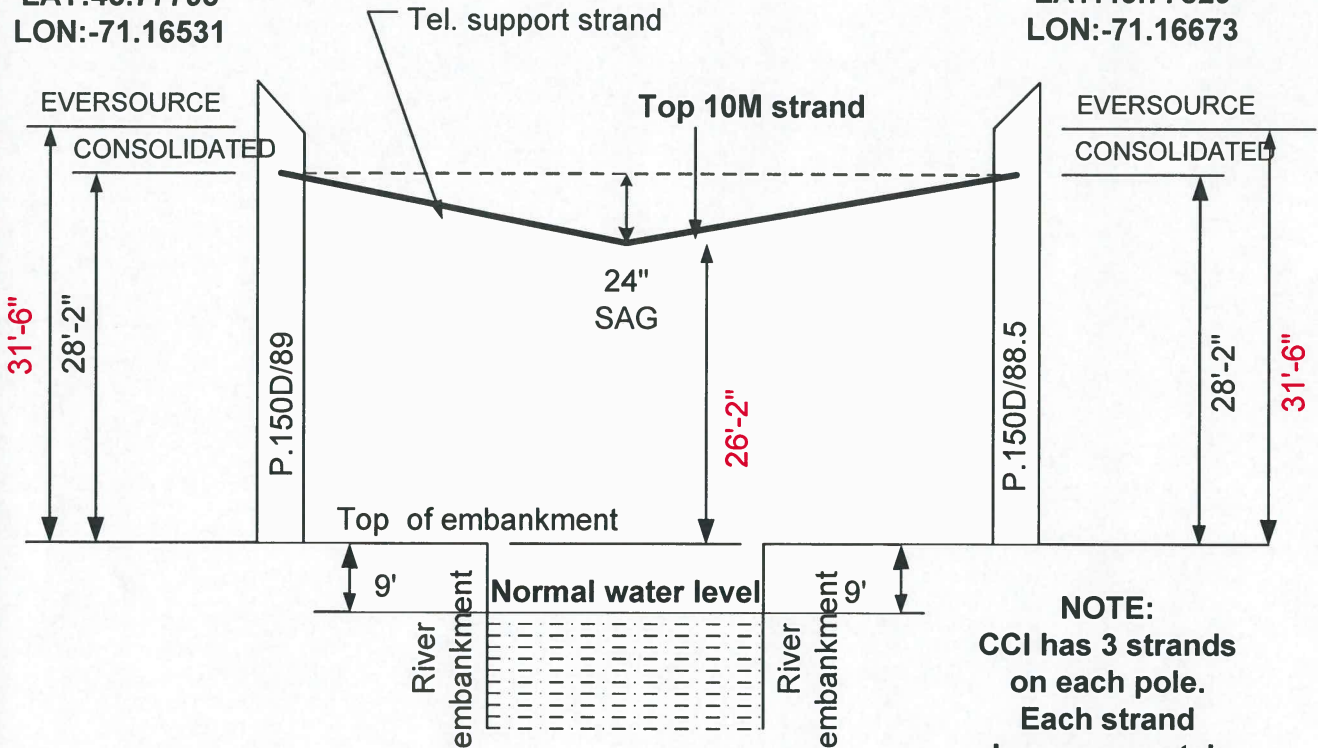
Engineer Name: DAVID KESTNER Engineer Number: 603-433-2119 Date: 8/9/18

Description of Work: **RELOCATING OF EXISTING AERIAL CABLES CROSSING OVER ROUTE 16 BRIDGE TO EASTERN SIDE FOR NHDOT#14749 & BRIDGE#152/268 BRIDGE REPLACEMENT JOB**



LAT:43.77795  
LON:-71.16531

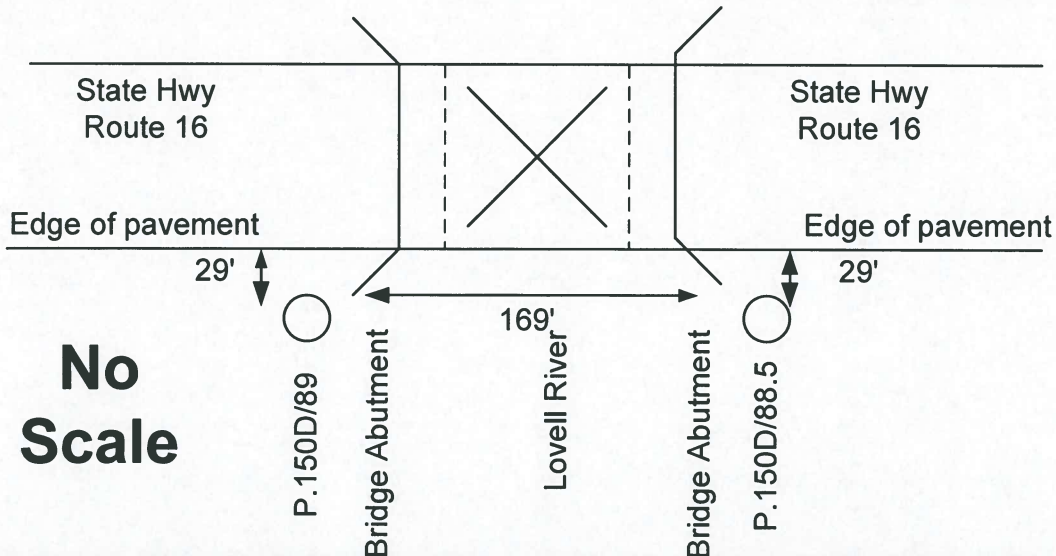
LAT:43.77829  
LON:-71.16673



**NOTE:**  
CCI has 3 strands on each pole.  
Each strand shown separately.

Note :Due to span being apx 170 ft., 175 ft. span information was used.  
10M suspension Strand  
Stringing tension( 0 deg.)=2675 lbs.  
Wt. per ft.=0.27 lbs.

SSDA4SA-20 cable tension(0 deg.)=2725 lbs  
3492MT-96 cable tension(0 deg.)=2750 lbs  
Wt. per ft.=.25 lbs + .50 lbs. = .75 lbs  
Total wt. per ft. (ca. & str.)=1.02 lbs.  
1.5 lbs. per ft. tables used.  
Span sag = 2'-0" = 24 inches



**No Scale**

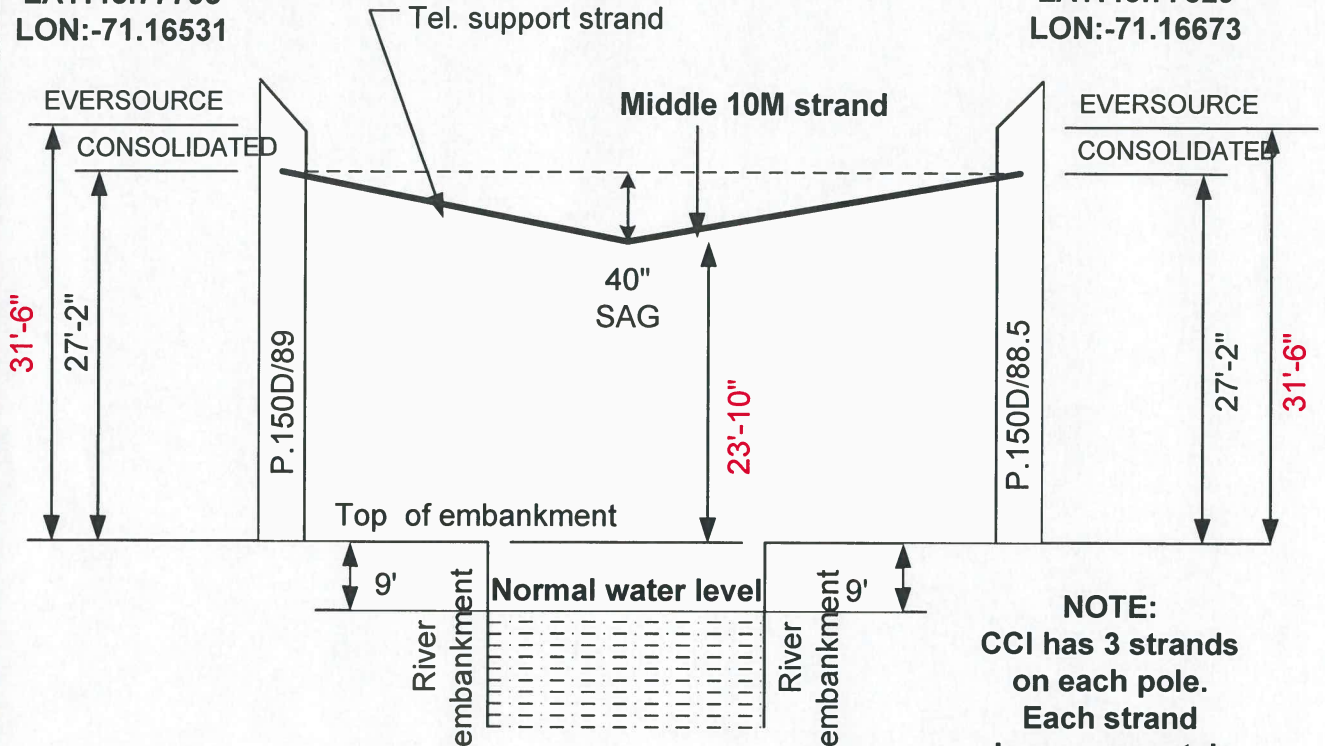
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 Engineer Name: DAVID KESTNER Engineer Number: 603-433-2119 Date: 8/9/18

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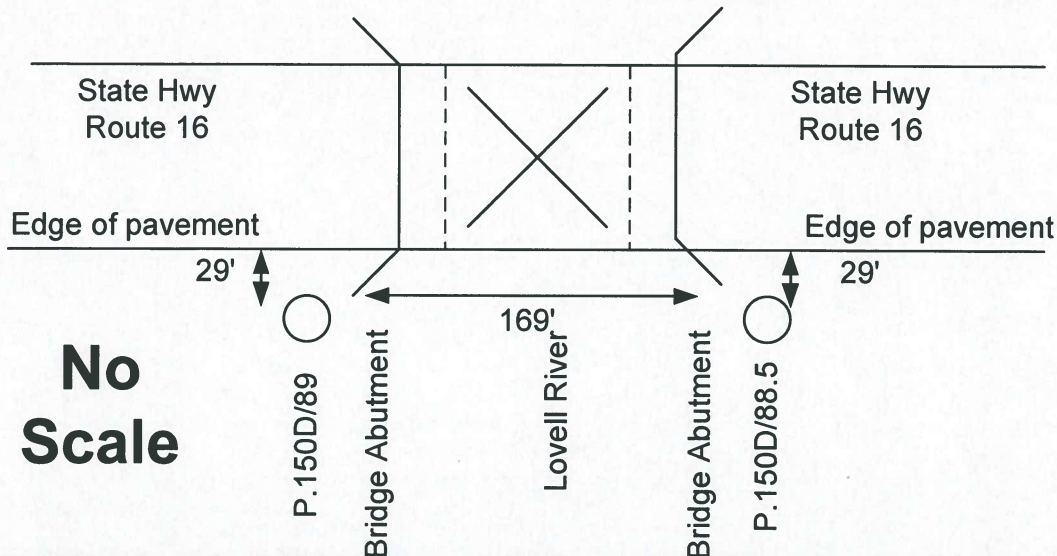
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Note :Due to span being apx 170 ft., 175 ft. span information was used.  
 10M suspension Strand  
 Stringing tension( 0 deg.)=2675 lbs.  
 Wt. per ft.=0.27 lbs.

BKMA-2 cable tension(0 deg.)=2950 lbs.  
 BHAA-2 cable tension(0 deg.)=3025 lbs  
 Wt. per ft.=.73 lbs + 1.13 lbs. = 1.86 lbs  
 Total wt. per ft. (ca. & str.)=2.13 lbs.  
 2.5 lbs. per ft. tables used.  
 Span sag = 3'-4" = 40 inches



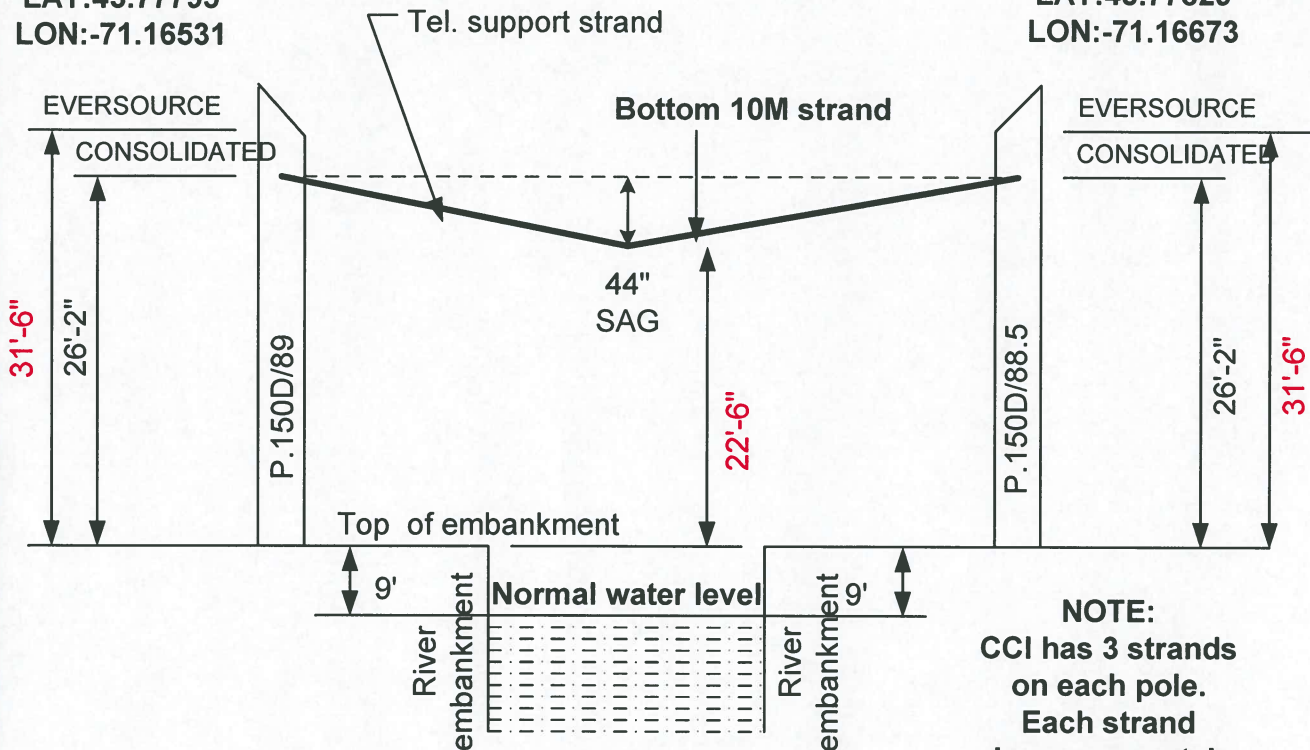
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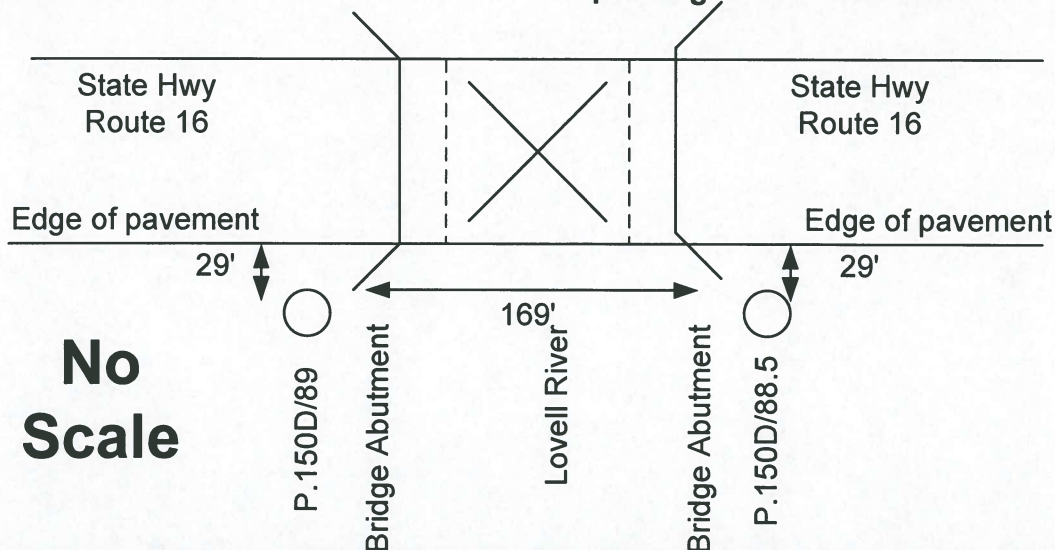
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**NOTE:**  
CCI has 3 strands on each pole.  
Each strand shown separately.

Note :Due to span being apx 170 ft., 175 ft. span information was used.  
10M suspension Strand  
Stringing tension( 0 deg.)=2675 lbs.  
Wt. per ft.=0.27 lbs.

BHAA-3 cable tension(0 deg.)=2950 lbs.  
MCMH-106 cable tension(0 deg.)=3025 lbs  
3492MT-48 cable tension(0 deg.)=2725 lbs  
Wt. per ft.=1.67 lbs+.76 lbs+.40 lbs. = 2.83 lbs  
Total wt. per ft. (ca. & str.)=3.10 lbs.  
3.5 lbs. per ft. tables used.  
Span sag = 3'-8" = 44 inches



**No Scale**

Lovell River Ossipee NH Job No. 14749 & Bridge No. 152/268

