

FOUNDATION RECOMMENDATIONS

PROJECT: N/A
 TIP NO.: R-5769
 COUNTY: JOHNSTON
 STATION: 33+26.33 -L-

DESCRIPTION: BRIDGE ON ACCESS ROAD (-L-)
 OVER NORFOLK SOUTHERN RAILROAD
 OFF SR 1913 (GORDON ROAD)

	INITIALS	DATE
DESIGN:	MJA	5/5/2016
CHECKED:	AAN	5/5/2016
FINAL:	MJA	5/5/2016
REVISED:	MJA	6/8/2016



	STATION	FOUNDATION TYPE	FACTORED RESISTANCE	MISCELLANEOUS DETAILS
END BENT 1	32+61.98 -L-	Cap on HP 14 x 117 Steel H-Piles	95 tons / pile	Bottom of Cap Elevation = 314.2 ± ft Estimated Average Pile Length = 85 ± ft Number of Piles = 8 Pile Spacing = 5' - 1"
END BENT 2	33+75.48 -L-	Cap on HP 14 x 117 Steel H-Piles	95 tons / pile	Bottom of Cap Elevation = 313.9 ± ft LEFT Estimated Average Pile Length = 70 ± ft RIGHT Estimated Average Pile Length = 75 ± ft Number of Piles = 8 Pile Spacing = 5' - 1"

COMMENTS & NOTES (See Following Page)

PILE PAY ITEMS

(Revised 8/11/15)

WBS ELEMENT	N/A	DATE	6/8/2016
TIP NO.	R-5769	DESIGNED BY	MJA
COUNTY	JOHNSTON	CHECKED BY	AAN
STATION	33+26.33 -L-		
DESCRIPTION	BRIDGE ON ACCESS ROAD (-L-) OVER NORFOLK SOUTHERN RAILROAD OFF SR 1913 (GORDON ROAD)		

NUMBER OF BENTS WITH PILES		}	Only required for "Predrilling for Piles" & "Pile Excavation" pay items
NUMBER OF PILES PER BENT			
NUMBER OF END BENTS WITH PILES			
NUMBER OF PILES PER END BENT			

Bent # or End Bent #	PILE PAY ITEM QUANTITIES						PDA Testing (per each)
	Steel Pile Points (yes/no)	Pipe Pile Plates (yes/no/maybe)	Predrilling For Piles (per linear ft)	Pile Redrives (per each)	Pile Excavation (per linear ft)		
					In Soil	Not In Soil	
END BENT 1	NO	NO	NO	8	0	0	X
END BENT 2	NO	NO	NO	8	0	0	
TOTALS	X	X	0	16	0	0	

Notes:

Blanks or "no" represent quantity of zero.

If steel pile points are required, calculate quantity of "Steel Pile Points" as equal to the number of steel piles.

If pipe pile plates are or may be required, calculate the quantity of "Pipe Pile Plates" as equal to the number of pipe piles.

Show quantity of "PDA Testing" on the plans as total only.