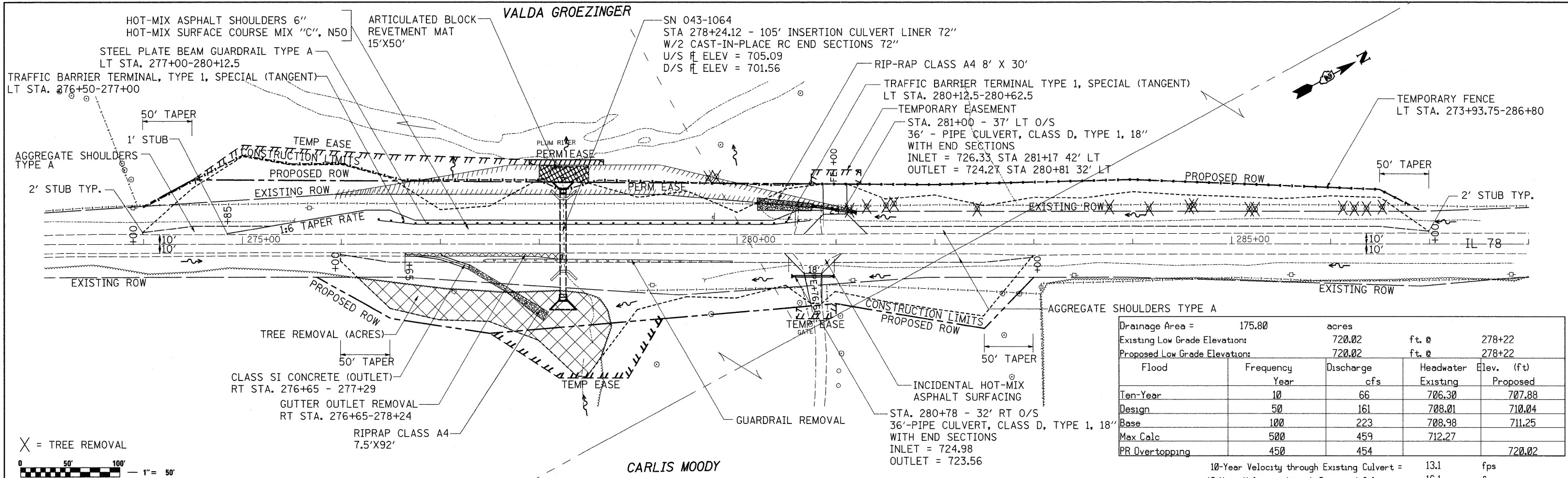


DATE: _____
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 SURVEYED _____
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 RT. OF WAY CHECKED _____
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DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 STRUCTURE NOTATIONS CHKD _____



Drainage Area =		175.80	acres	
Existing Low Grade Elevation:		720.02	ft. @	278+22
Proposed Low Grade Elevation:		720.02	ft. @	278+22
Flood	Frequency	Discharge	Headwater	Elev. (ft)
	Year	cfs	Existing	Proposed
Ten-Year	10	66	706.30	707.88
Design	50	161	708.01	710.04
Base	100	223	708.98	711.25
Max Calc	500	459	712.27	
PR Overtopping	450	454		720.02

10-Year Velocity through Existing Culvert = 13.1 fps
 10-Year Velocity through Proposed Culvert = 16.1 fps

