

New York State Electric & Gas Corporation

Steuben-Chemung Area Transmission Enhancement Project

Exhibit 5 Design Drawings

Part 21 of 23

CADD DRAWING DO NOT REVISE MANUALLY.

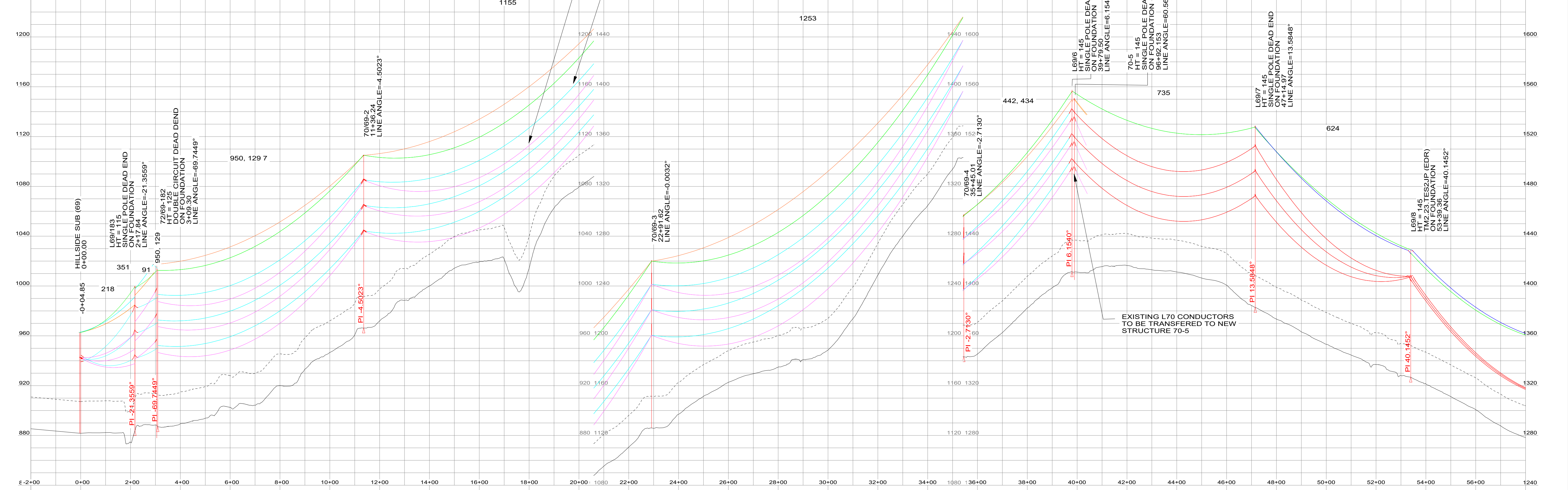
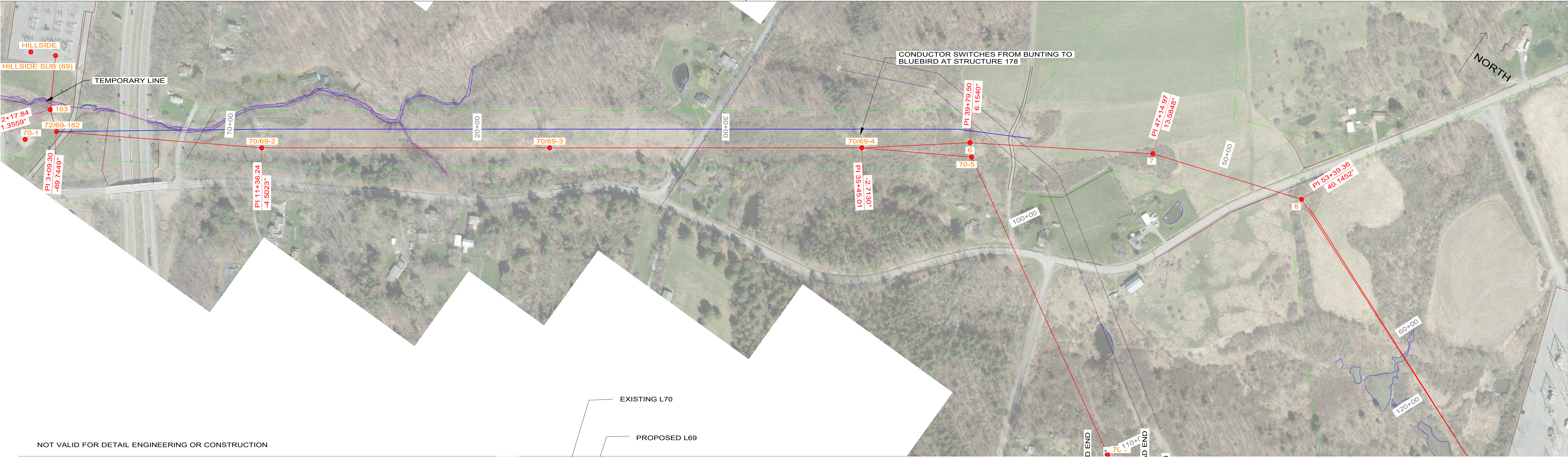


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PLAN SCALE:
1" = 200'

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PROFILE SCALE:
HORIZ. 1" = 200'
VERT. 1" = 60'



CADD DRAWING	UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE 7#7 ALUMOWELD DNO - 11467 72 FIBER	CONDUCTOR TYPE 2156 KCMIL BLUEBIRD ACSR 1272 KCMIL BITTERN ACCR	YR. CONST. W/O				PE STAMP	AVANGRID ENGINEERING					STEUBEN - CHEMUNG AREA TRANSMISSION ENHANCEMENT 230KV L69 HILL SIDE S/S TO WATERCURE S/S PLAN AND PROFILE DRAWINGS									
	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHTS OF THE STRUCTURE'S TALLEST POLE									PROPERTY OF AVANGRID					SHEET 50 OF 51									
	TENSION	TENSION	TENSION 4,200 - 5,700 LBS (NESC HEAVY)	TENSION 10,000 - 14,000 LBS (NESC HEAVY)											REBUILD NYSEG - ELMIRA									
	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP. 120 DEG MAX SAG FE	DESIGN TEMP. 260 DEG MAX SAG FE 484 DEG MAX SAG FE (BITTERN)											0-0C	02/2025	ADR/DAS	ISSUED FOR PERMITTING	ZRH/DAS	DR.	ADR/DAS	MILE	FILE:	REV.
															0-0B	11/22/24	ADR/DAS	ISSUED FOR APPROVAL	ZRH/DAS	CK.	ZRH/DAS	NO.		
ANSI D												0-0A	03/13/24	ADR/DAS	ISSUED FOR REVIEW	ZRH/DAS	APP.	ZRH/DAS						
	REV.	DATE	BY	DESCRIPTION	APP.							REV.	DATE	BY	DESCRIPTION	APP.	DATE:	02/2025						