

BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE

STR 195 - STR 398

PRELIMINARY SUBJECT TO FINAL REVIEW

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	DWG. NO. BSSE-PP-102-1 REVISION: O 136508
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT		
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---			
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---			
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---			
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15				
		REV	DESCRIPTION	DWN	DGN	CHK	DATE				

PRELIMINARY SUBJECT TO FINAL REVIEW



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



REVISIONS					APPROVALS	DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---	
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---	
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---	
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15		
REV	DESCRIPTION	DWN	DGN	CHK	DATE		



BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

DWG. NO.
BSSE-PP-102-2
REVISION: O
136508

PRELIMINARY SUBJECT TO FINAL REVIEW



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



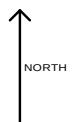
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M	V19: REVISED STR 351-P LOCATION	GMD	GMD	11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD	09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD	08/28/15
REV	DESCRIPTION	DWN	DGN	CHK DATE

APPROVALS	DATE
DRAWN BY: ---	
DESIGN BY: ---	
CHECKED BY: ---	
APPROVED BY: ---	

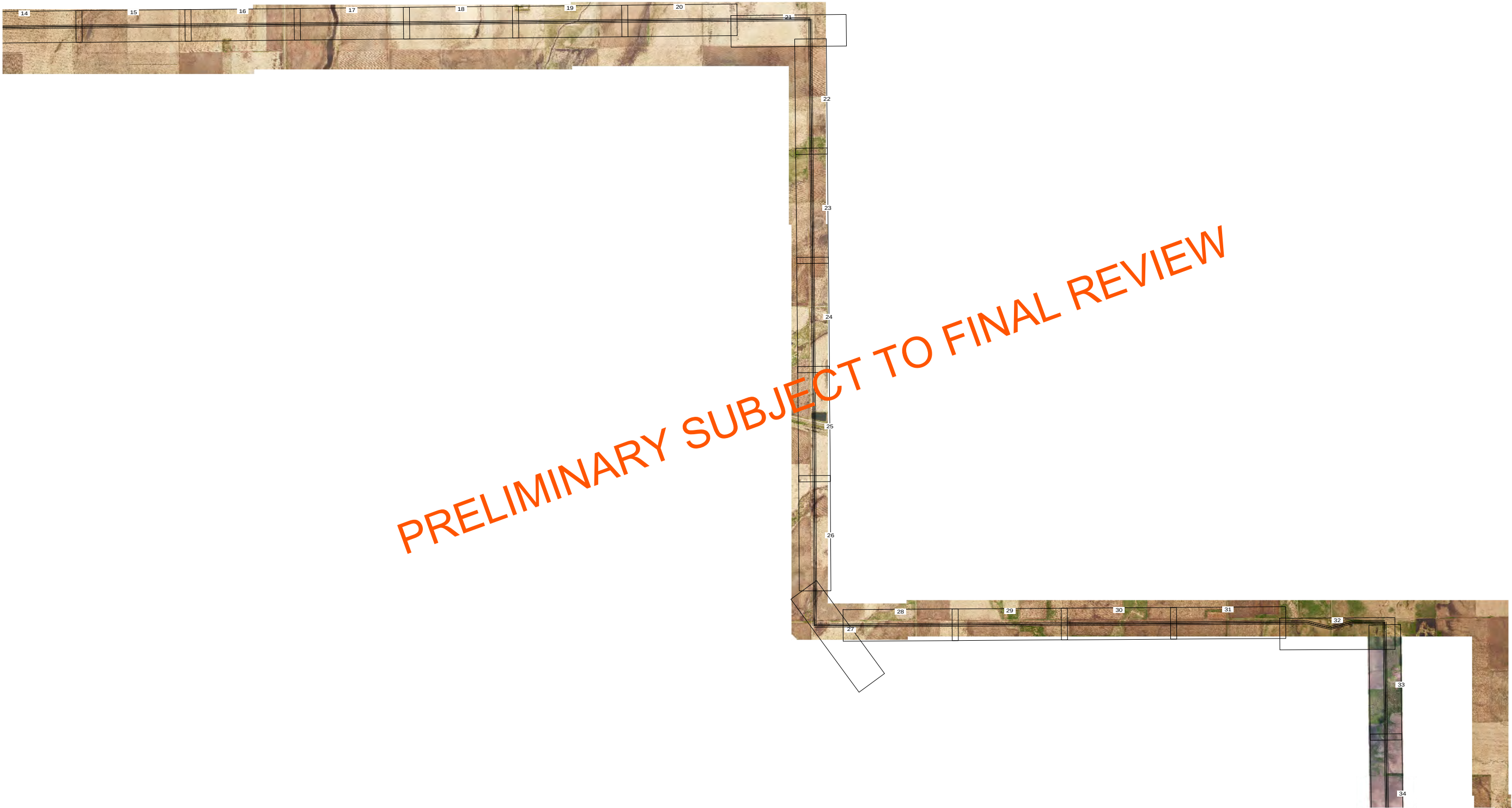
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CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
DESIGN TENSION: 18% @ 0 F, CREEP
SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
OPGW: 1-DN0-10523
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
GROUND CLEARANCE LINE: 30 FT
COORDINATE SYSTEM: UTM ZONE 14N, US FT



BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE



DWG. NO.
BSSE-PP-102-3
REVISION: O
136508



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



REVISIONS					
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M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15
REV	DESCRIPTION	DWN	DGN	CHK	DATE

APPROVALS	DATE
DRAWN BY: ---	
DESIGN BY: ---	
CHECKED BY: ---	
APPROVED BY: ---	

DESIGN DATA
CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
DESIGN TENSION: 18% @ 0 F, CREEP
SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
OPGW: 1-DN0-10523
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
GROUND CLEARANCE LINE: 30 FT
COORDINATE SYSTEM: UTM ZONE 14N, US FT

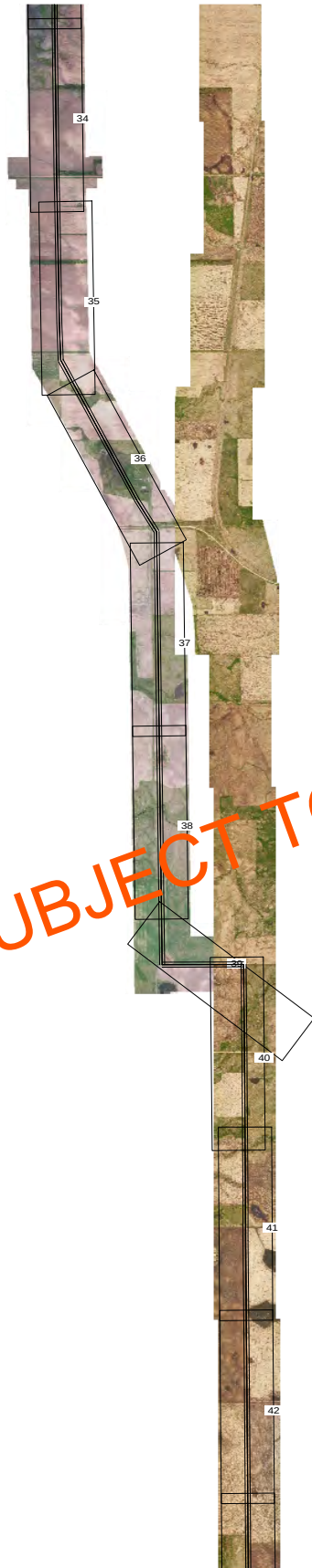


BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE



DWG. NO.
BSSE-PP-102-4
REVISION: O
136508

PRELIMINARY SUBJECT TO FINAL REVIEW



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



REVISIONS					
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M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15
REV	DESCRIPTION	DWN	DGN	CHK	DATE

APPROVALS	DATE
DRAWN BY: ---	
DESIGN BY: ---	
CHECKED BY: ---	
APPROVED BY: ---	

DESIGN DATA
CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
DESIGN TENSION: 18% @ 0 F, CREEP
SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
OPGW: 1-DN0-10523
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
GROUND CLEARANCE LINE: 30 FT
COORDINATE SYSTEM: UTM ZONE 14N, US FT



BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE



DWG. NO.
BSSE-PP-102-5
REVISION: O
136508

PRELIMINARY SUBJECT TO FINAL REVIEW



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



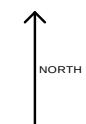
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N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15
REV	DESCRIPTION	DWN	DGN	CHK	DATE

APPROVALS	DATE
DRAWN BY: ---	
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CHECKED BY: ---	
APPROVED BY: ---	

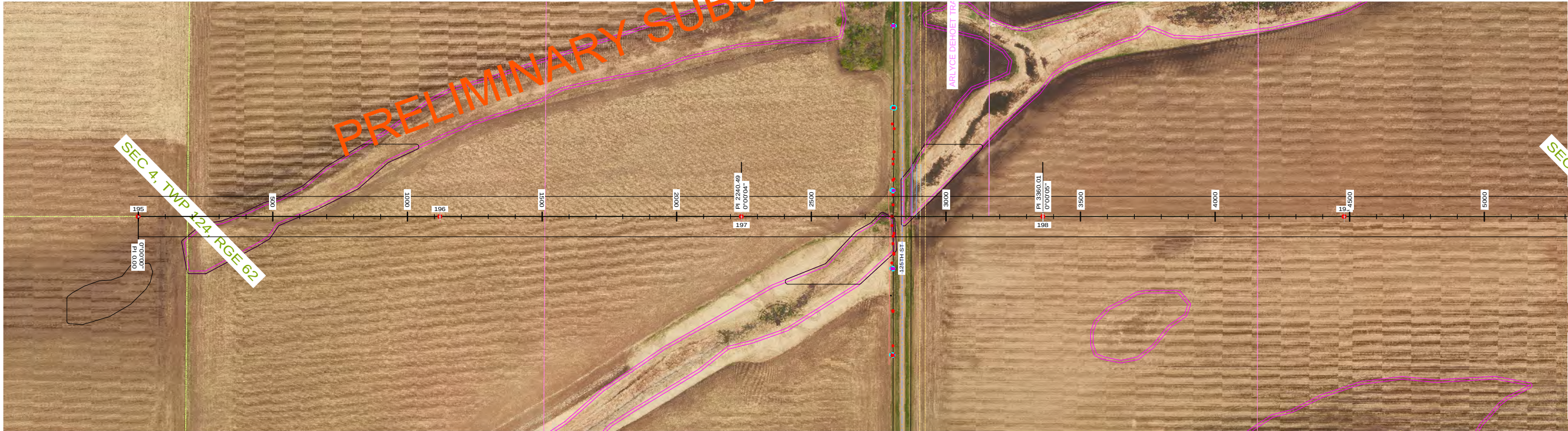
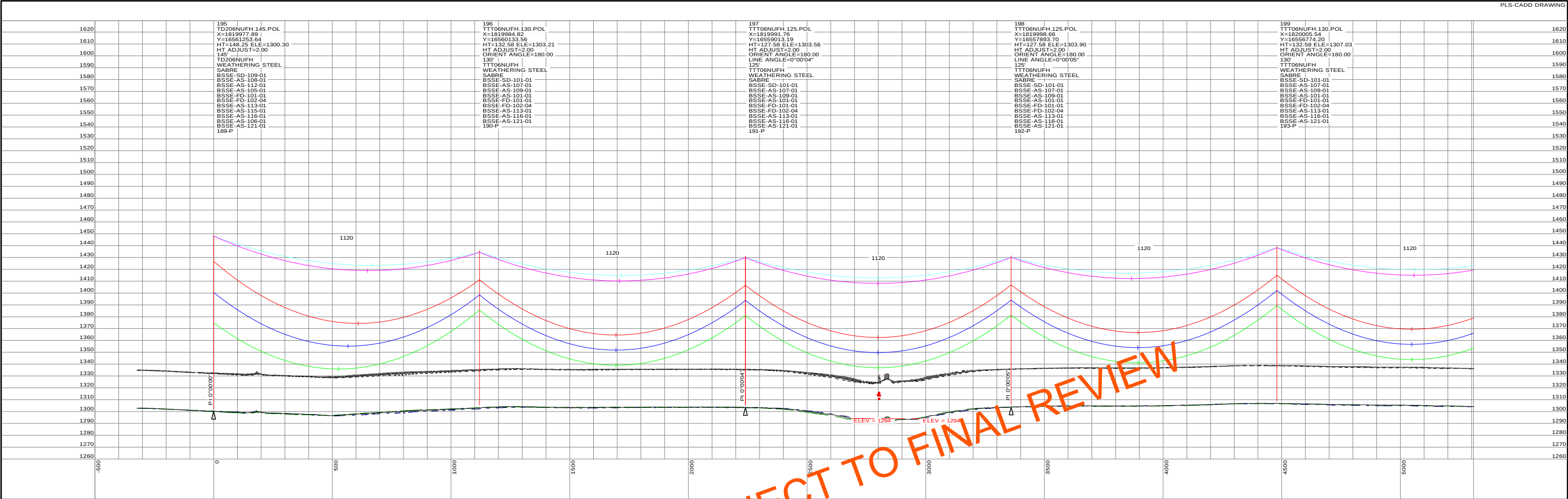
DESIGN DATA
CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
DESIGN TENSION: 18% @ 0 F, CREEP
SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
OPGW: 1-DN0-10523
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
GROUND CLEARANCE LINE: 30 FT
COORDINATE SYSTEM: UTM ZONE 14N, US FT



BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE



DWG. NO.
BSSE-PP-102-6
REVISION: O
136508



STRS: 195 - 199

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
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N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

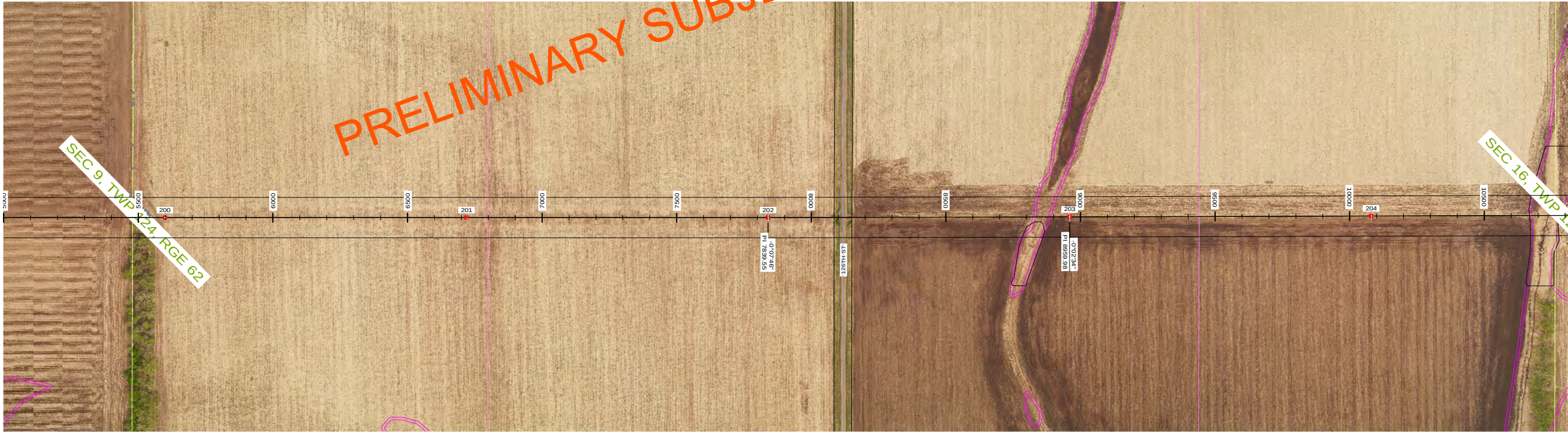
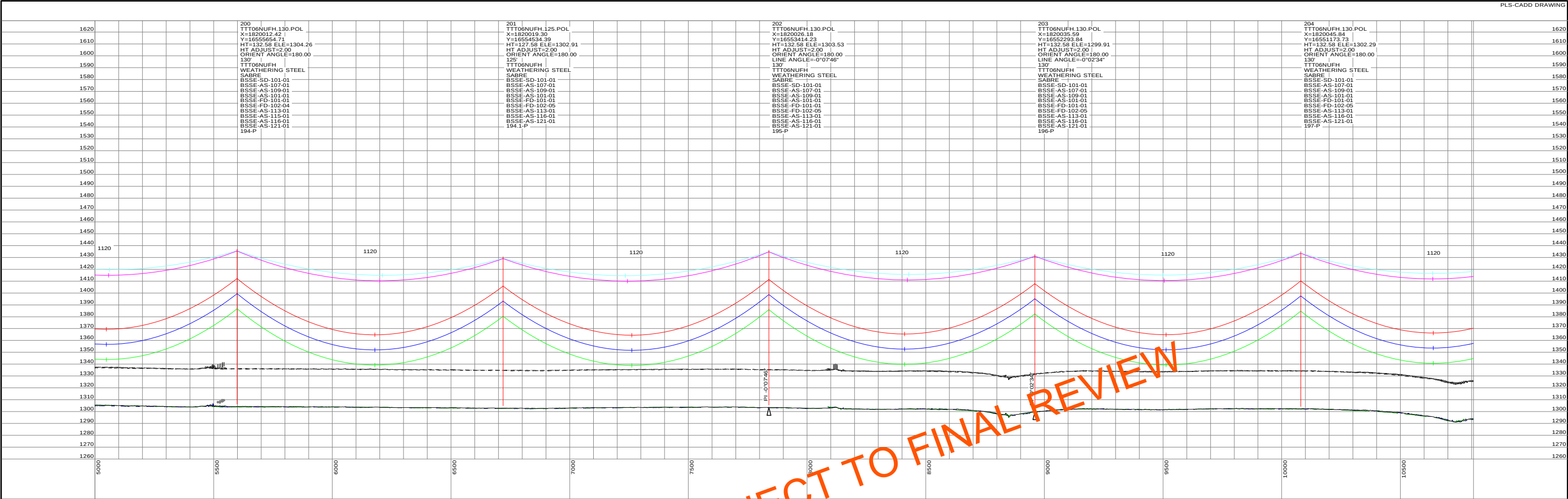
40.0 FT. VERT. SCALE

NORTH

DWG. NO.
BSSE-PP-102-7

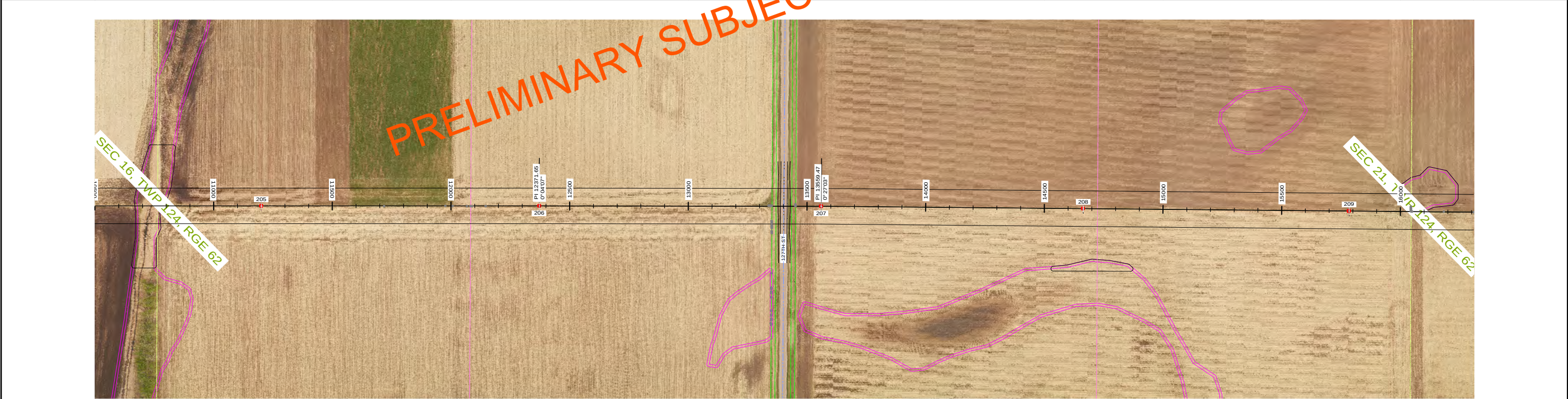
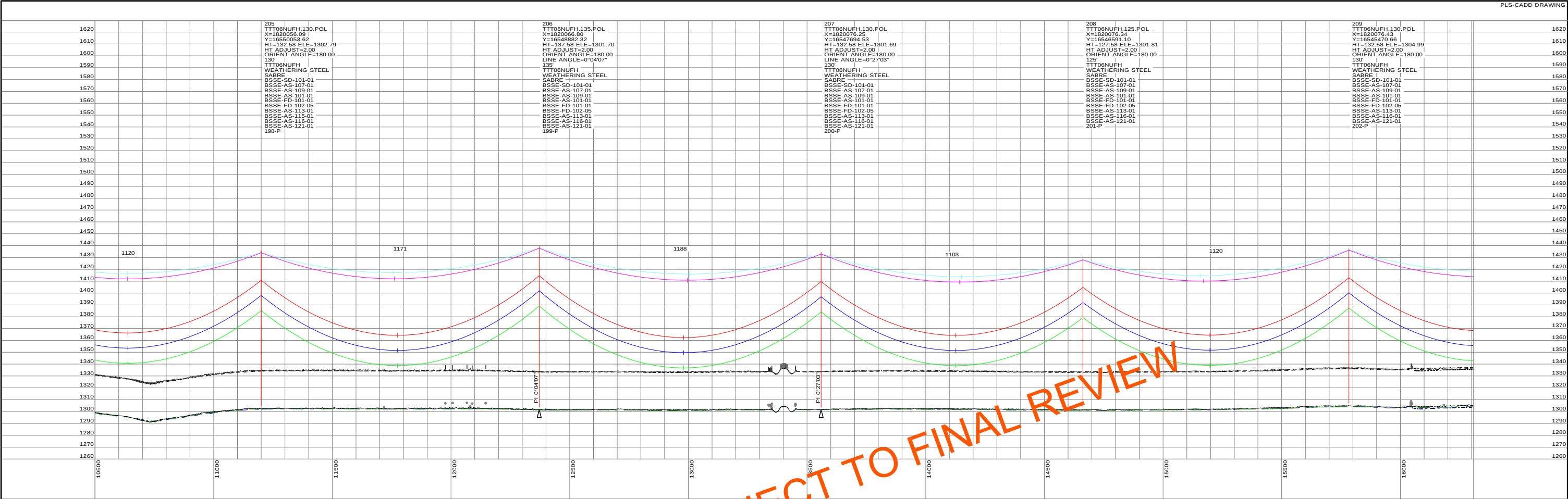
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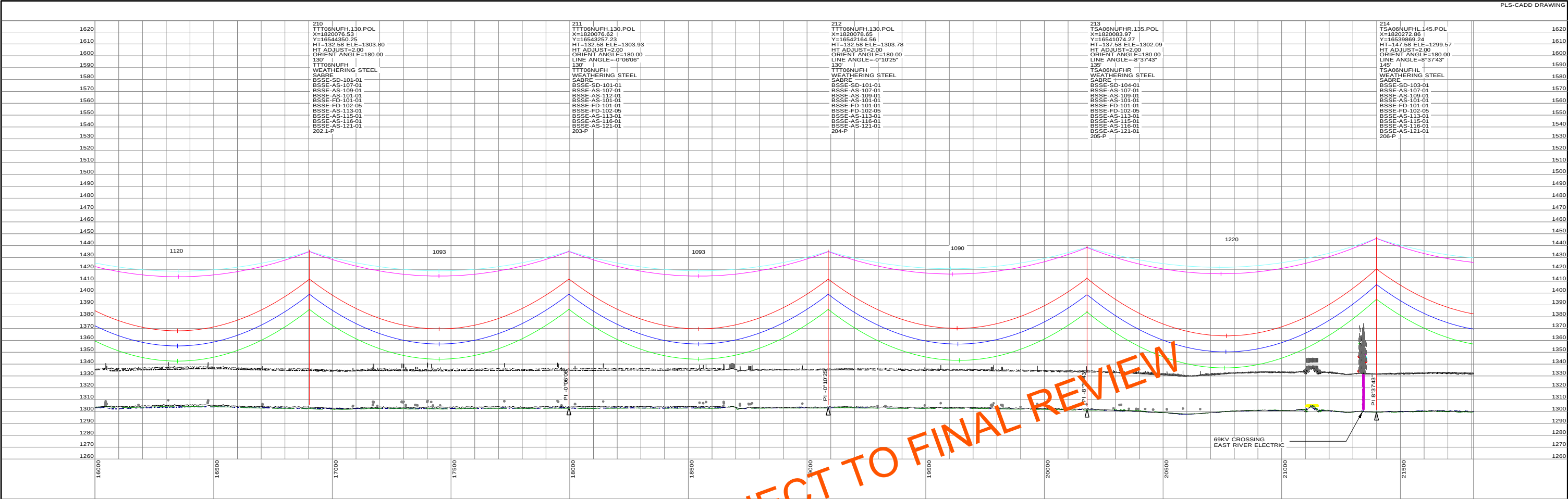
STRS: 200 - 204

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 40.0 FT. VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-8 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---			CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT						
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16				BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---									
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	CHECKED BY: ---									
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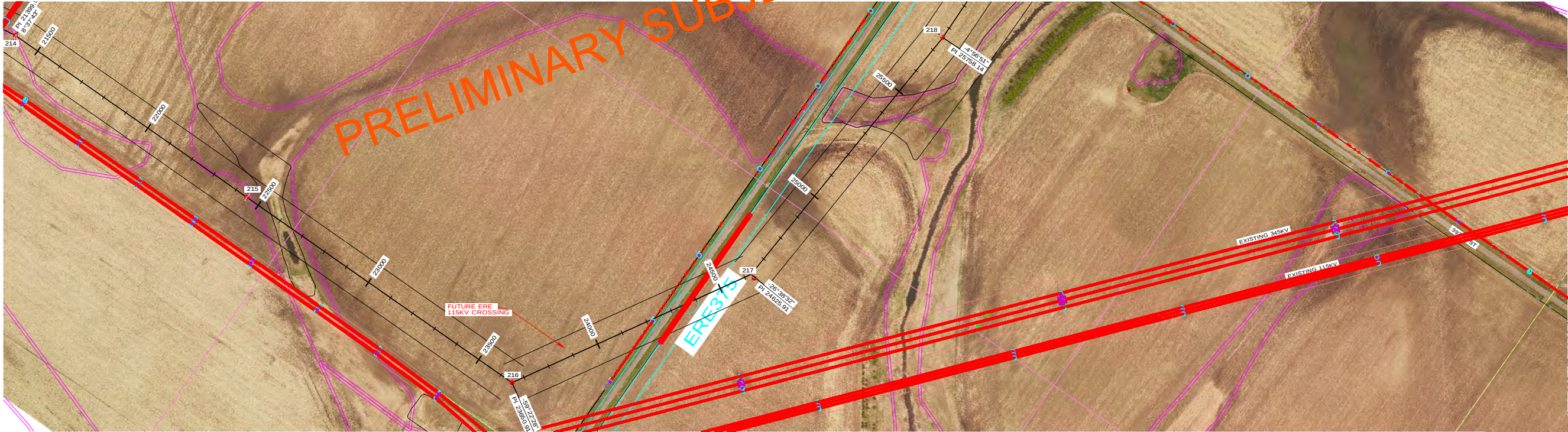
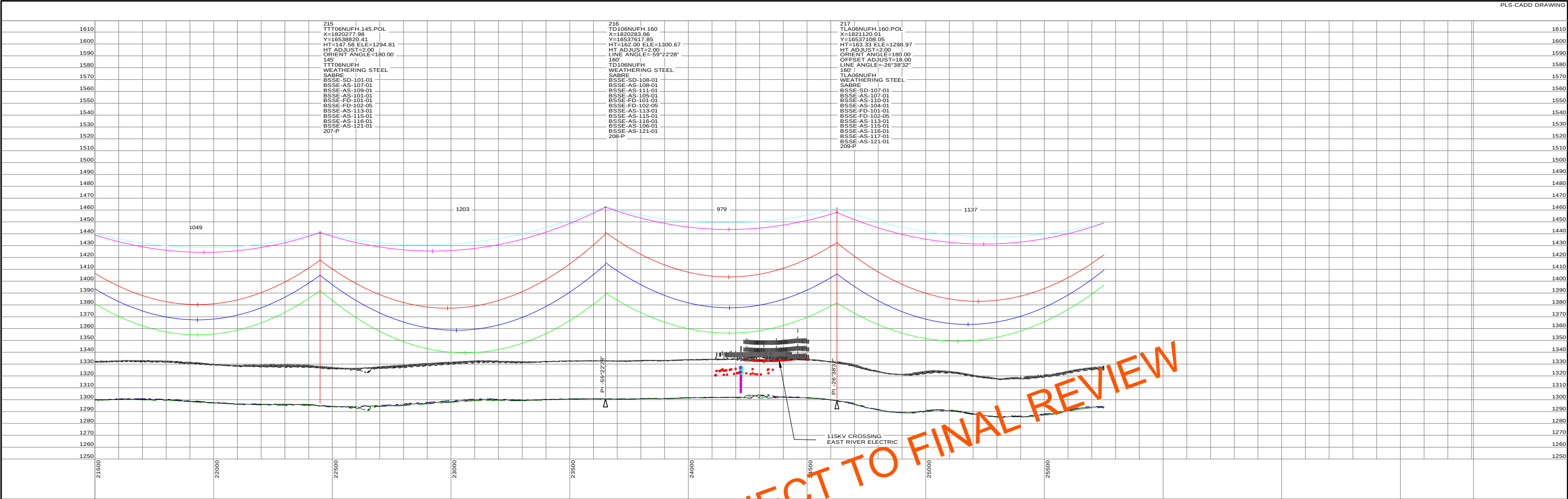
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20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	  	DWG. NO. BSSE-PP-102-9 REVISION: O 136508		
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		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16							
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---						
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	CHECKED BY: ---						
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15							
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													BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	



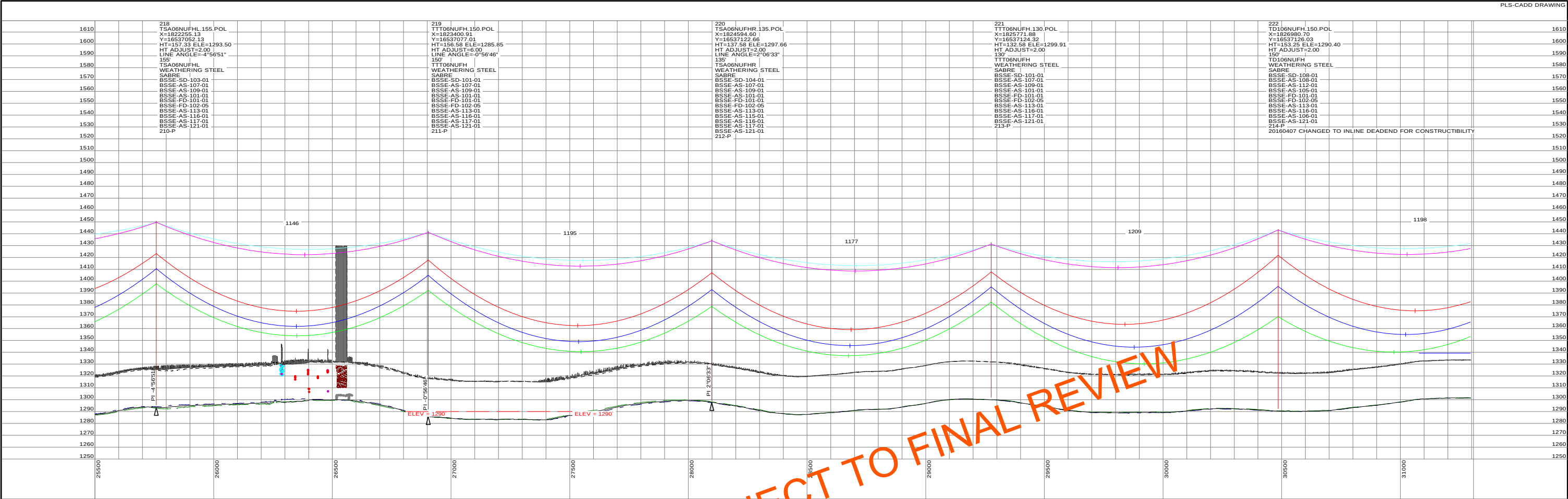
STRS: 210 - 214

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	  	DWG. NO. BSSE-PP-102-10 REVISION: O 136508	
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		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---					
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BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE													



STRS: 215 - 217

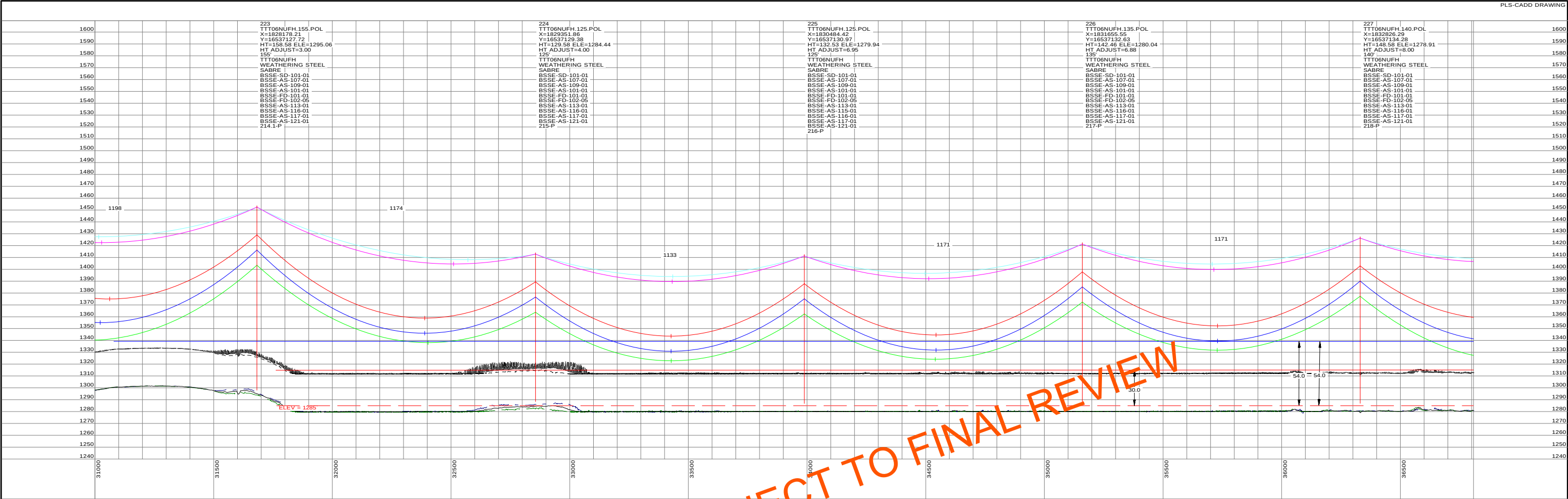
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 NORTH	DWG. NO. BSSE-PP-102-11 REVISION: O
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---			CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT				
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---							
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---							
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		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15								
		REV	DESCRIPTION	DWN	DGN	CHK	DATE								
BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE											 40.0 FT. VERT. SCALE	136508			



STRS: 218 - 222

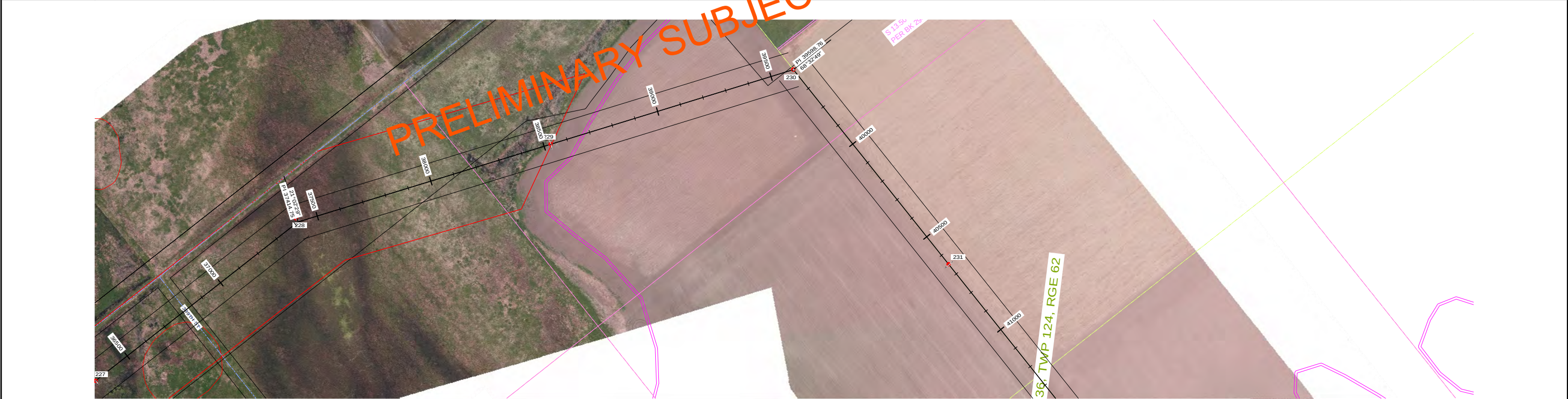
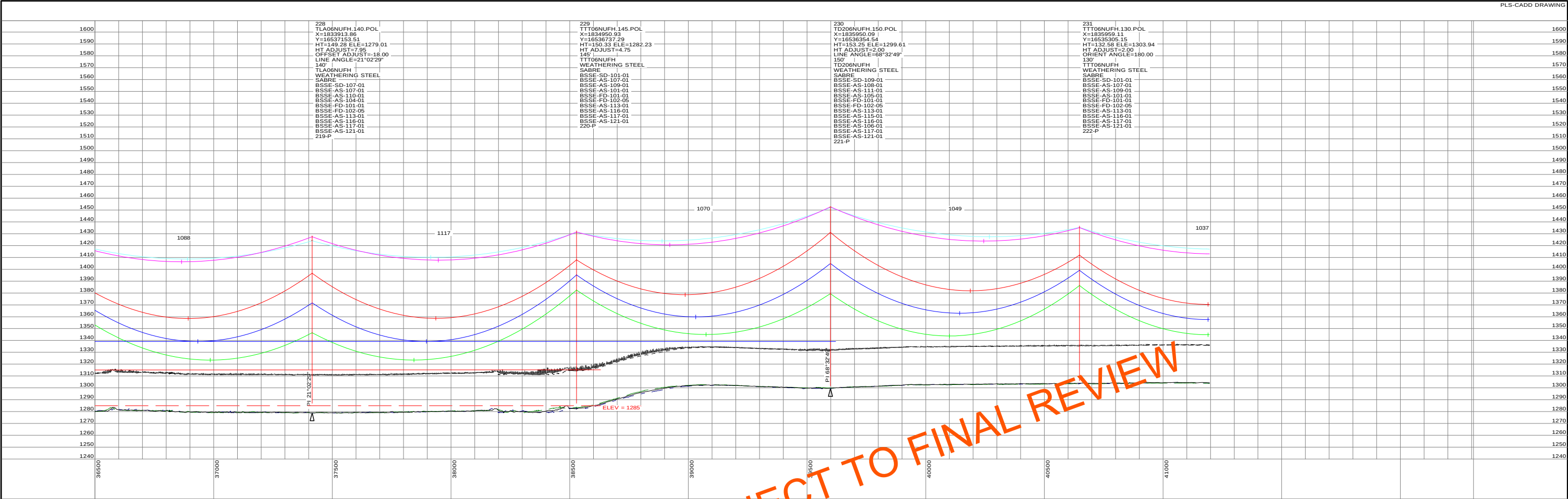
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS						APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 40.0 FT. VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-12 REVISION: O 136508
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		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---			BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---									
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---									
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EXHIBIT 2



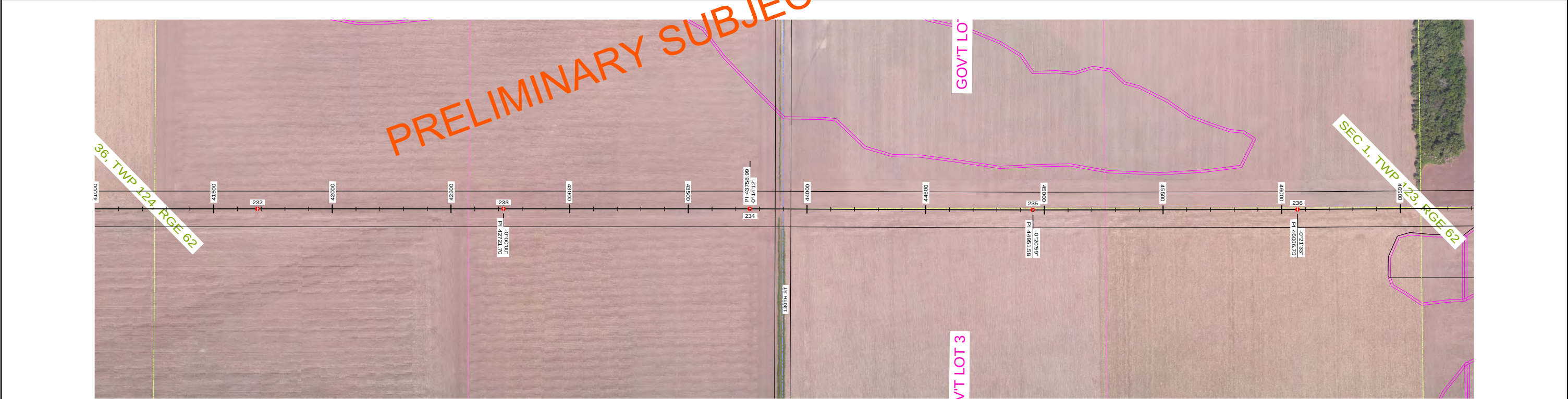
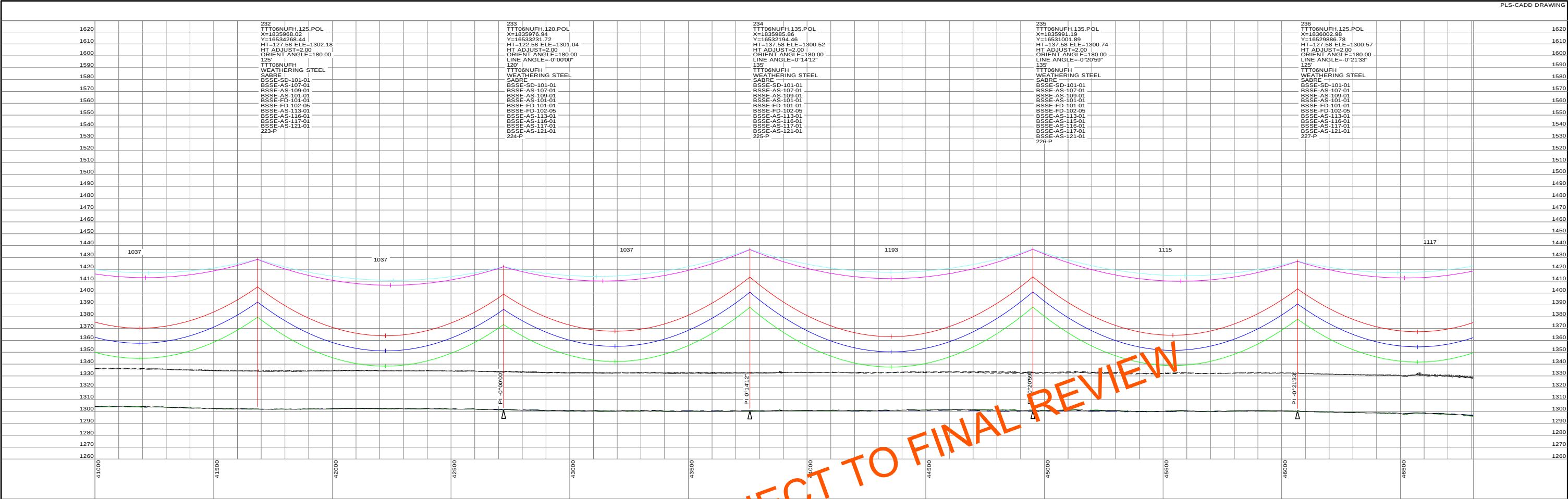
STRS: 223 - 227

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS			APPROVALS		DATE	DESIGN DATA CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	 Big Stone South to Ellendale	BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 HORIZ. SCALE VERT. SCALE		DWG. NO. BSSE-PP-102-13 REVISION: O 136508
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		L	V18: REVISED PER FIELD REVIEW	GMD	GMD								
REV		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15	CHK	APPROVED BY: ---				
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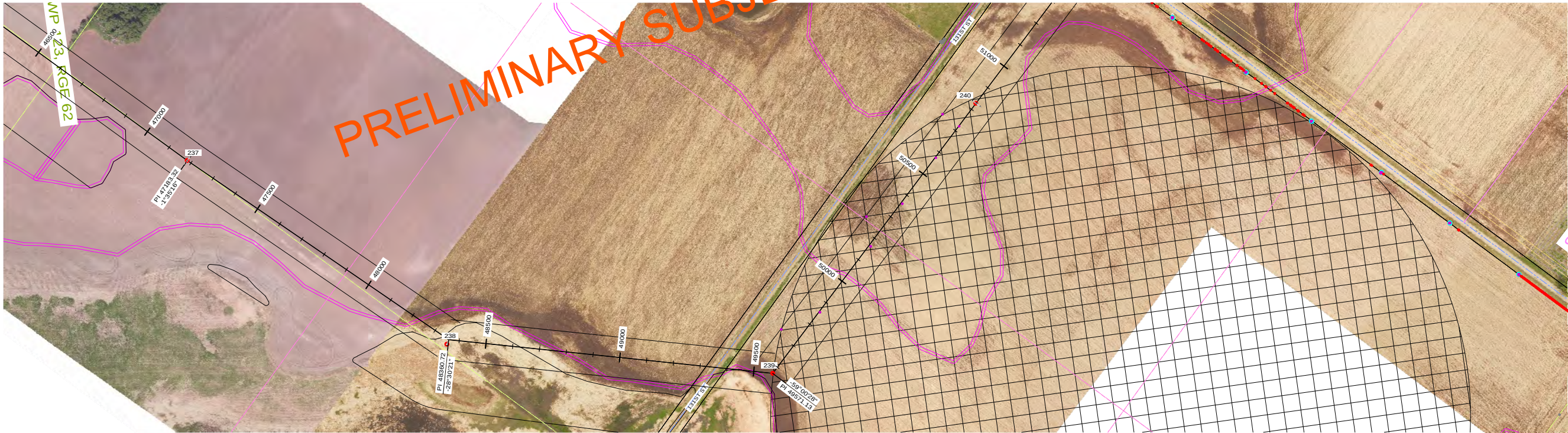
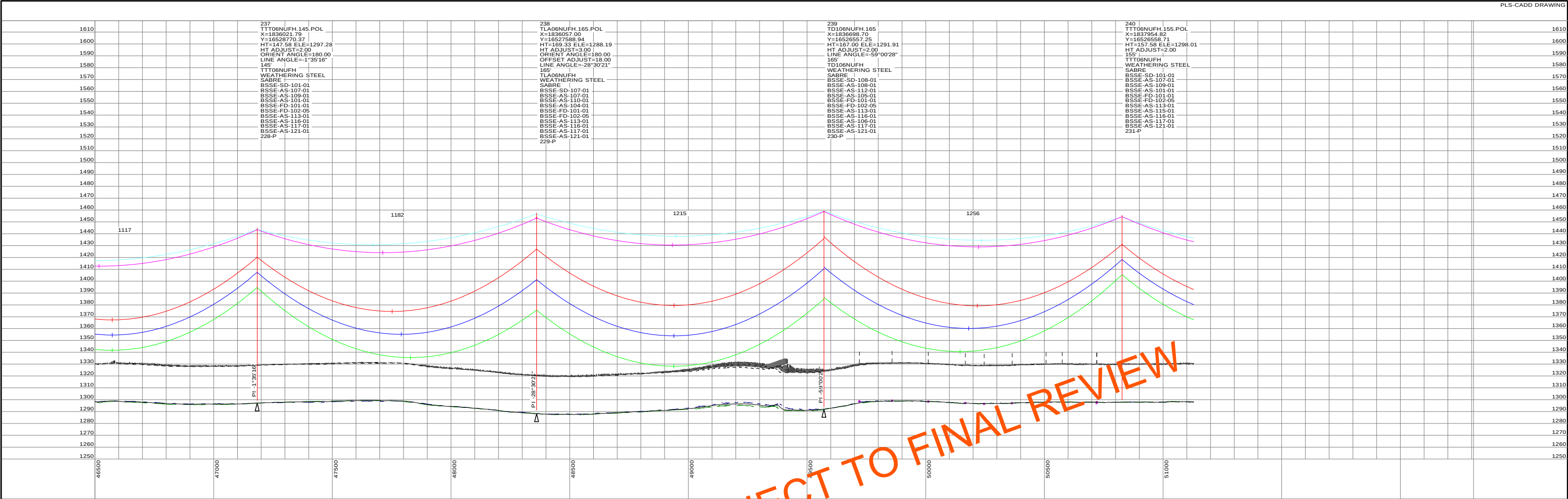
STRS: 228 - 231

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 HORIZ. SCALE	 NORTH	DWG. NO. BSSE-PP-102-14 REVISION: O	
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		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---						DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---						DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---						
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15							
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BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE										 VERT. SCALE		136508		



STRS: 232 - 236

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 	DWG. NO. BSSE-PP-102-15 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---					CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	CHECKED BY: ---					
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---					



STRS: 237 - 240

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS				APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD			05/05/16	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 48% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF		02/18/16	
M	V19: REVISED STR 351-P LOCATION	GMD	GMD			11/09/15	
L	V18: REVISED PER FIELD REVIEW	GMD	GMD			09/18/15	
K	V17: REVISED PER FIELD REVIEW	GMD	GMD			08/28/15	
REV	DESCRIPTION	DWN	DGN	CHK		DATE	

APPROVALS	
DRAWN BY: ---	
DESIGN BY: ---	
CHECKED BY: ---	
APPROVED BY: ---	

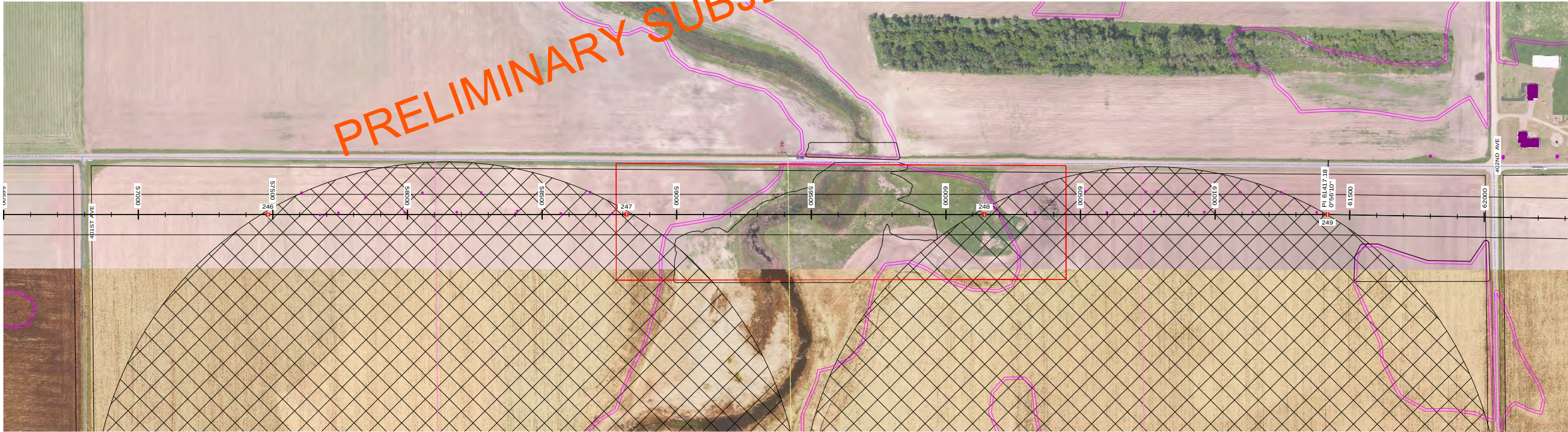
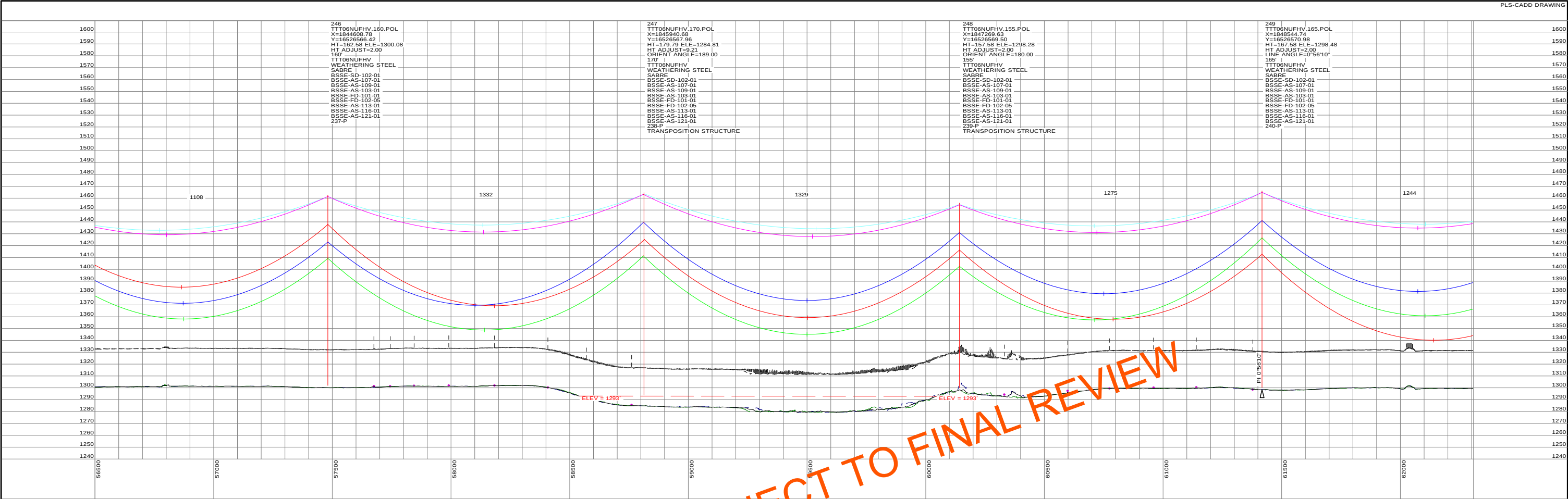
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

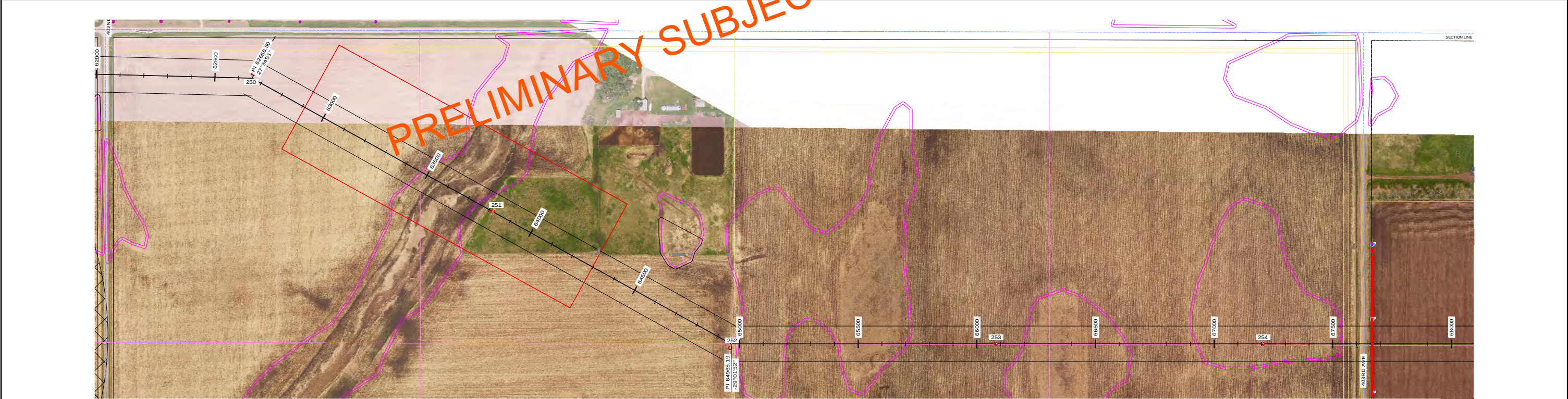
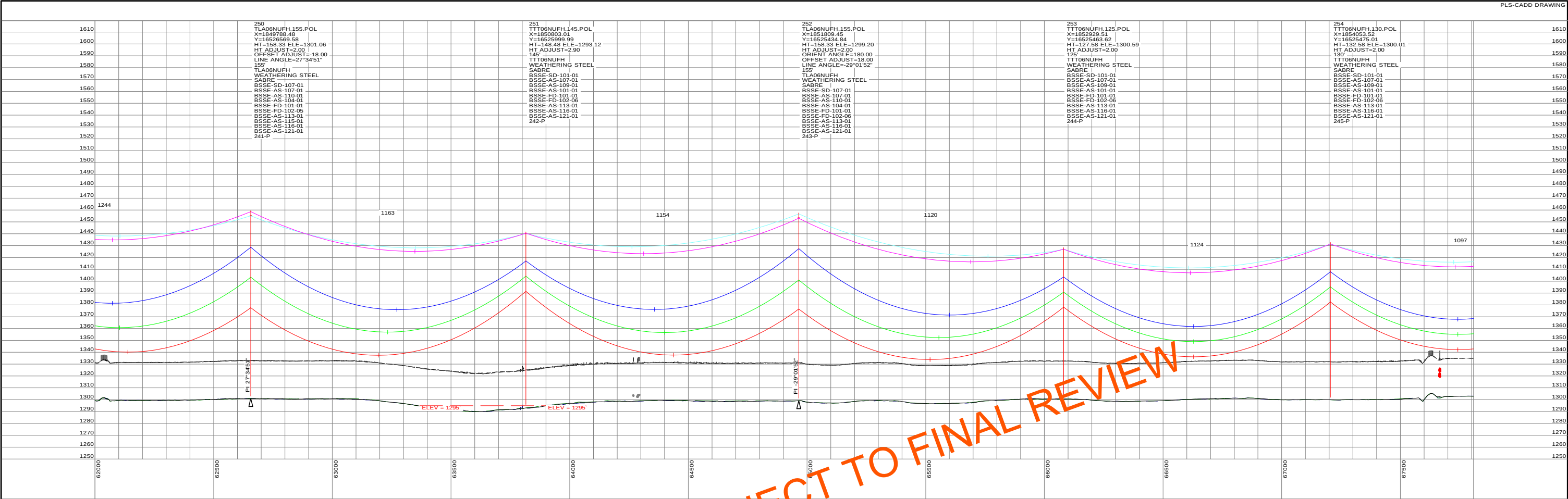
NORTH

DWG. NO.
BSSE-PP-102-16
REVISION: O
136508



STRS: 246 - 249

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS						APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 HORIZ. SCALE	 VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-18 REVISION: O 136508
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE						
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---									
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---									
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---									
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15										
		REV	DESCRIPTION	DWN	DGN	CHK	DATE										



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 267 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

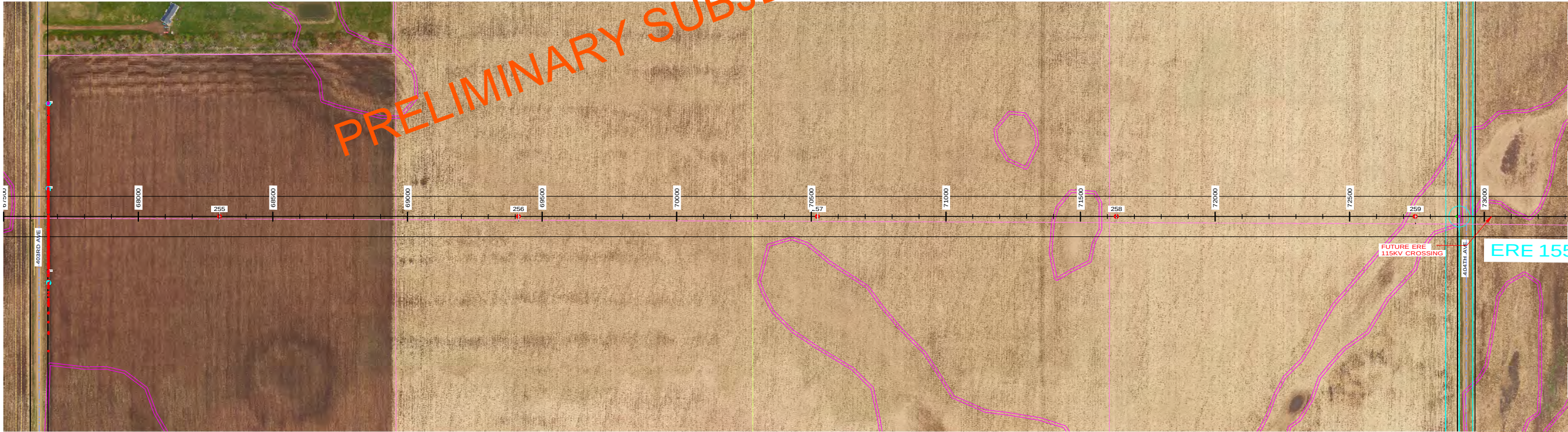
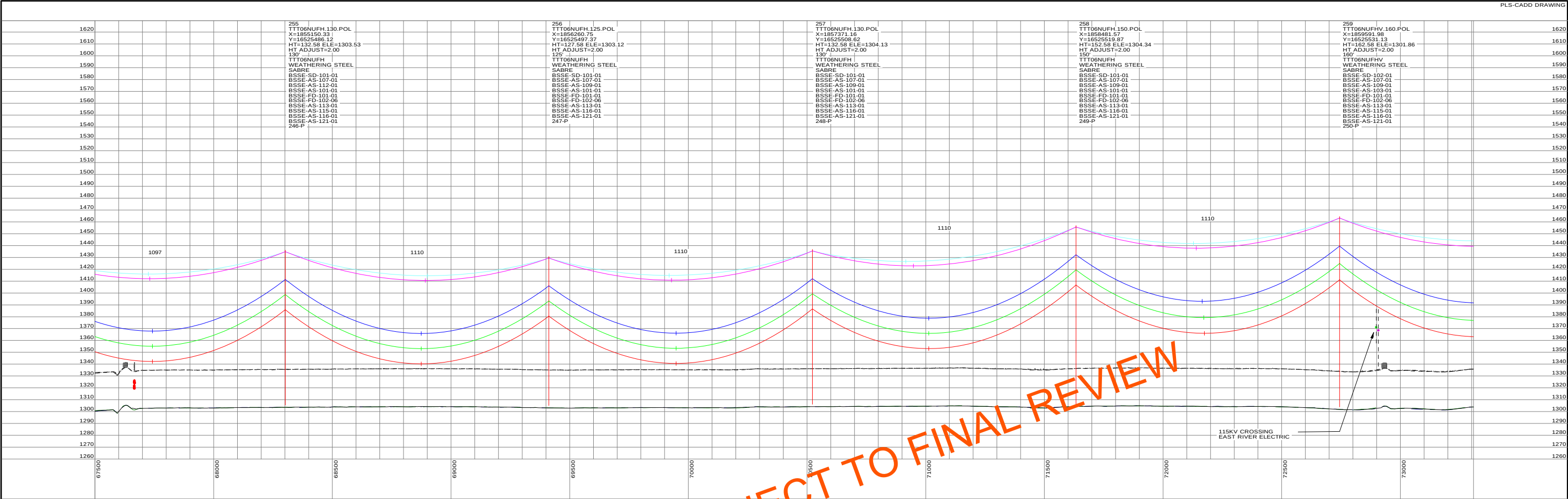
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

NORTH

DWG. NO.
BSSE-PP-102-19
REVISION: O
136508



STRS: 255 - 259

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

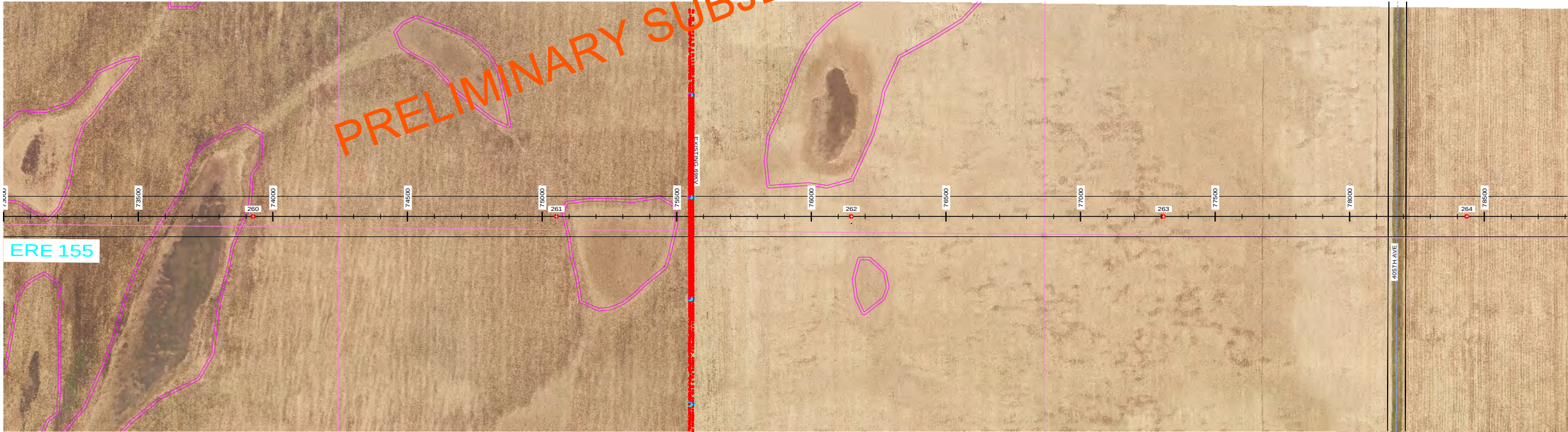
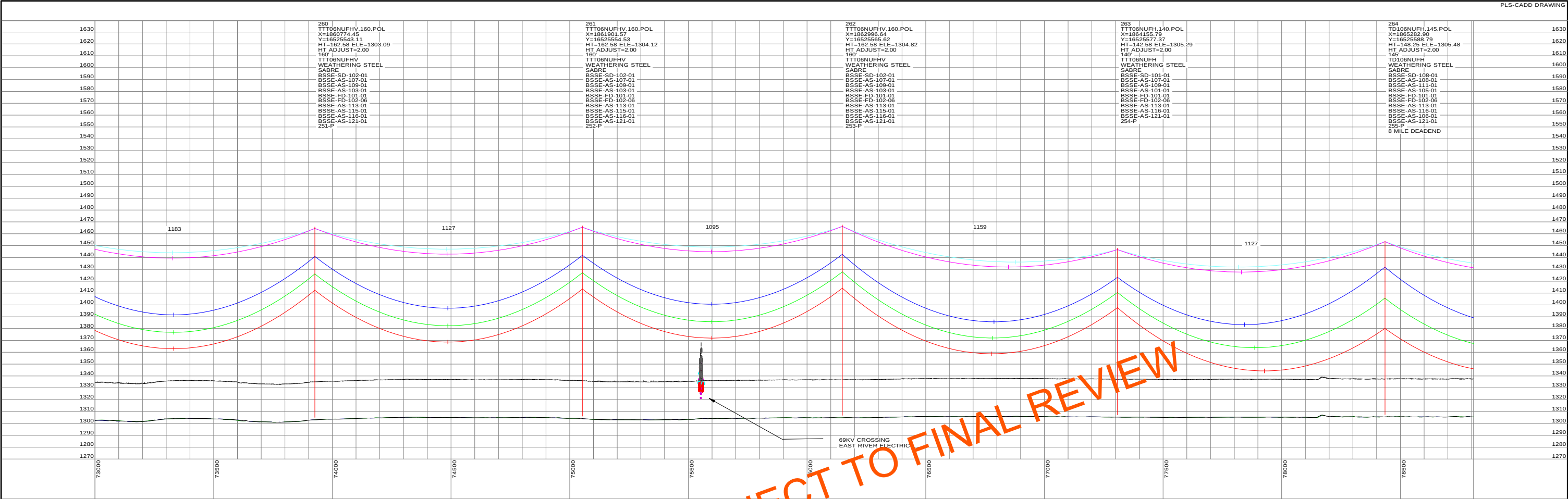
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

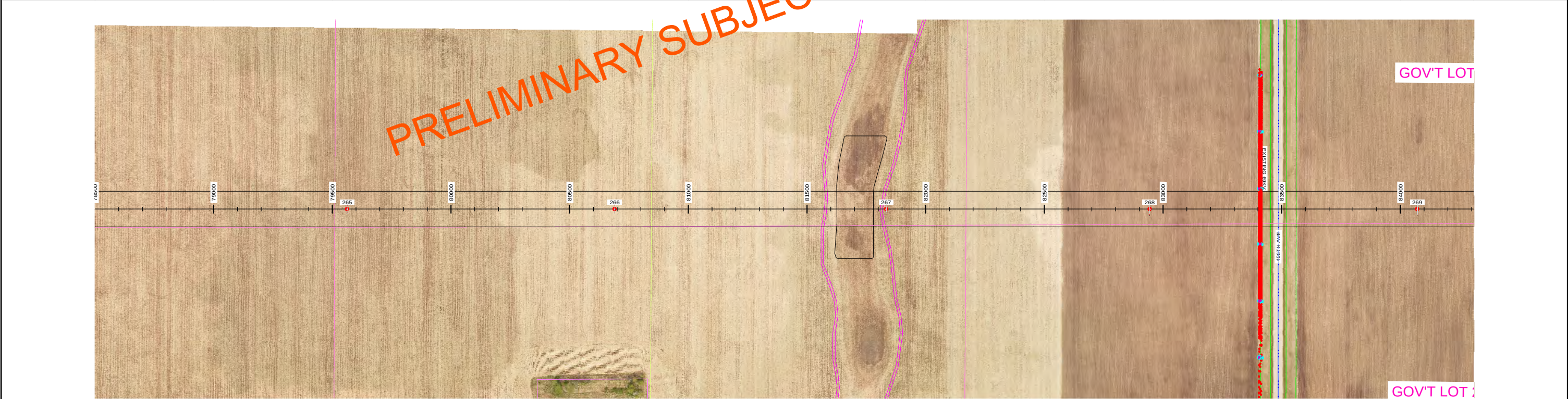
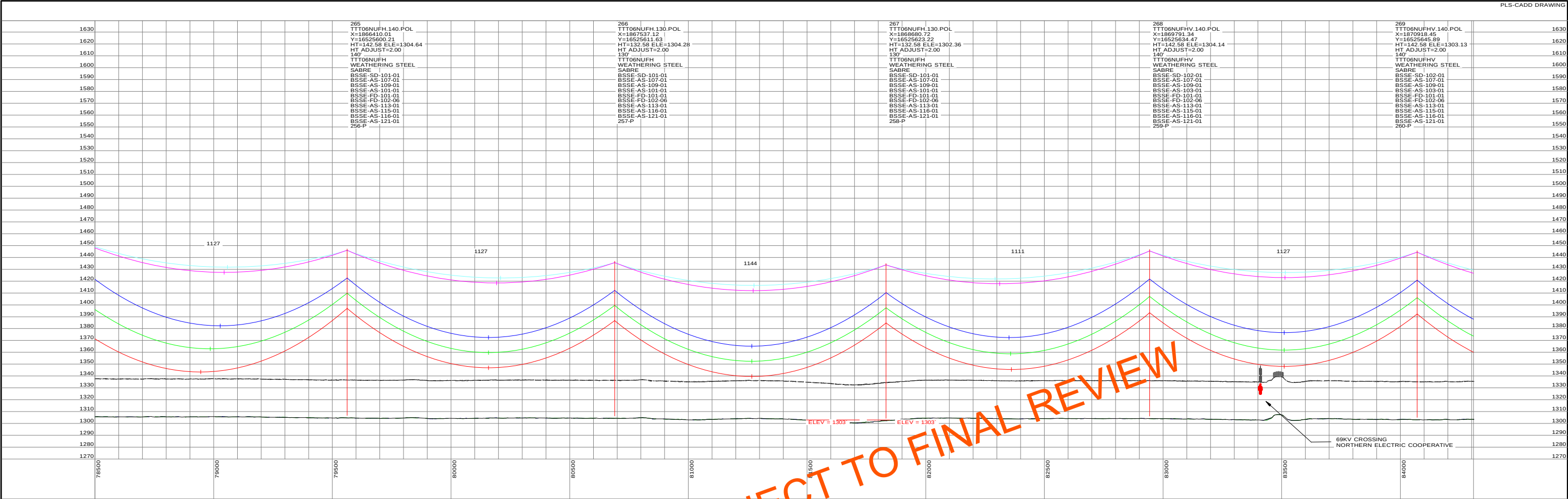
NORTH

DWG. NO.
BSSE-PP-102-20
REVISION: O
136508

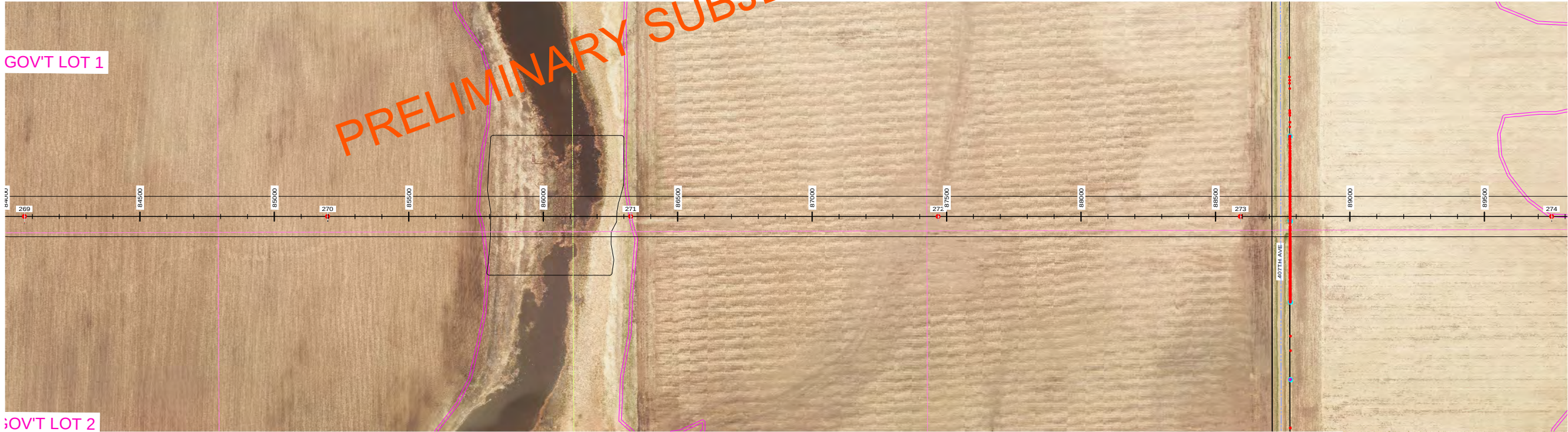
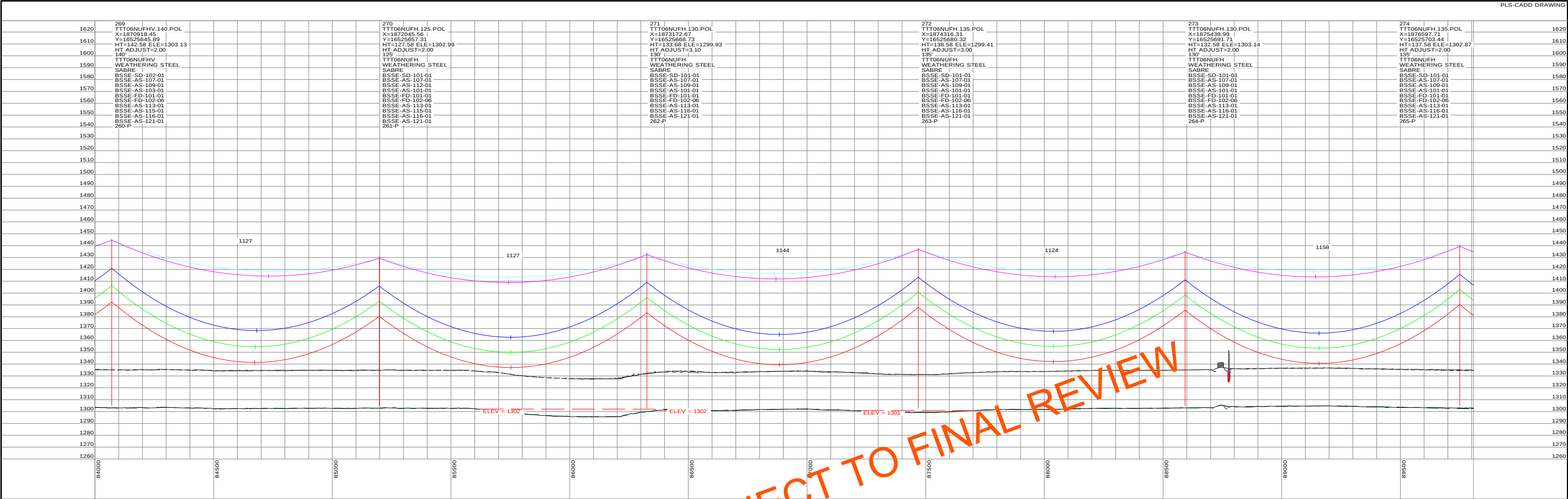


STRS: 260 - 264

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 40.0 FT. VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-21 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---							CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---							
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---							
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---							
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15								
		REV	DESCRIPTION	DWN	DGN	CHK	DATE								
BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE															

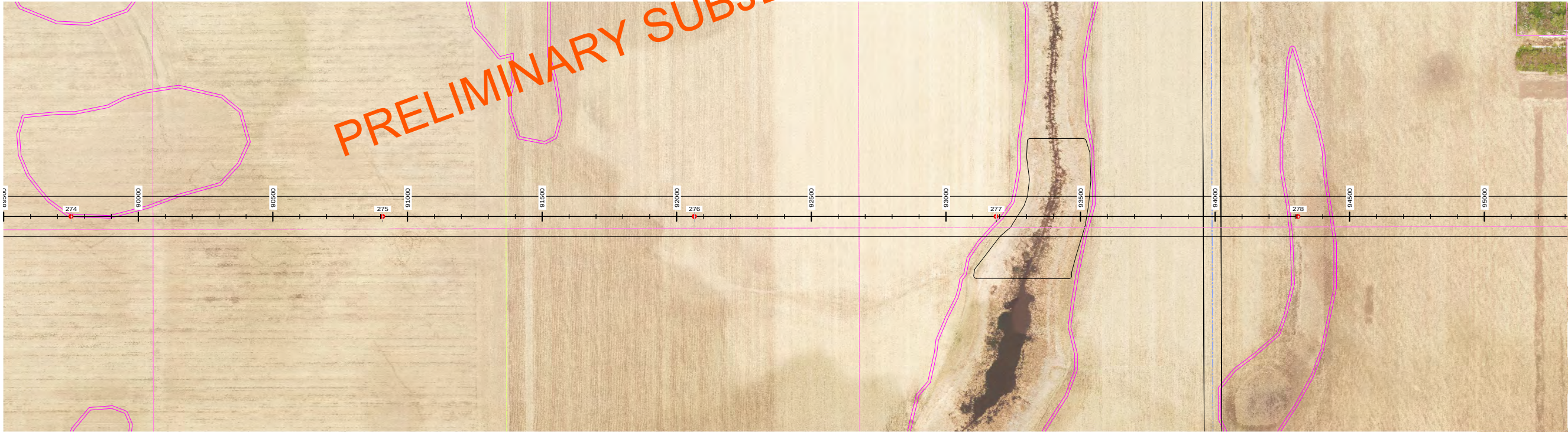
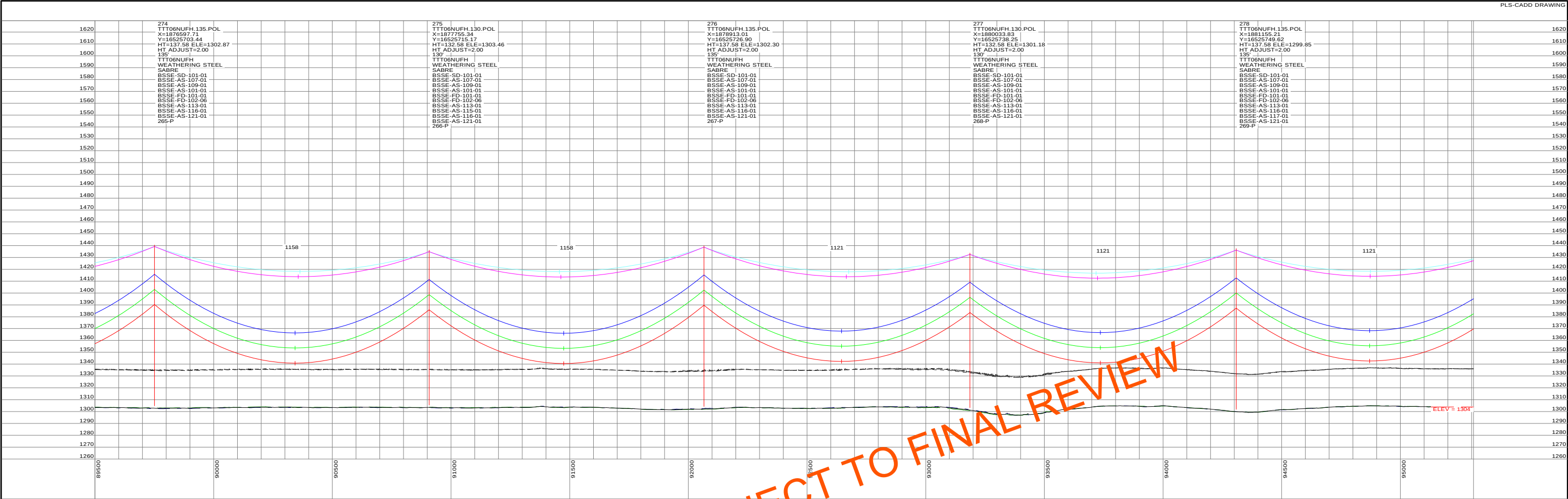


STRS: 265 - 269														
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 HORIZ. SCALE	 VERT. SCALE		DWG. NO.
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---						CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16							DESIGN TENSION: 18% @ 0 F. CREEP
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---						SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15							DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15	CHECKED BY: ---						OPGW: 1-DN0-10523
		REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---						DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
										GROUND CLEARANCE LINE: 30 FT				
										COORDINATE SYSTEM: UTM ZONE 14N, US FT				
REVISION: O														
136508														



STRS: 269 - 274

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS						APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 NORTH	DWG. NO. BSSE-PP-102-23 REVISION: O 136508
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT			
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	DESIGN BY: ---					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	CHECKED BY: ---					
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---					
BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE													



STRS: 274 - 278

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

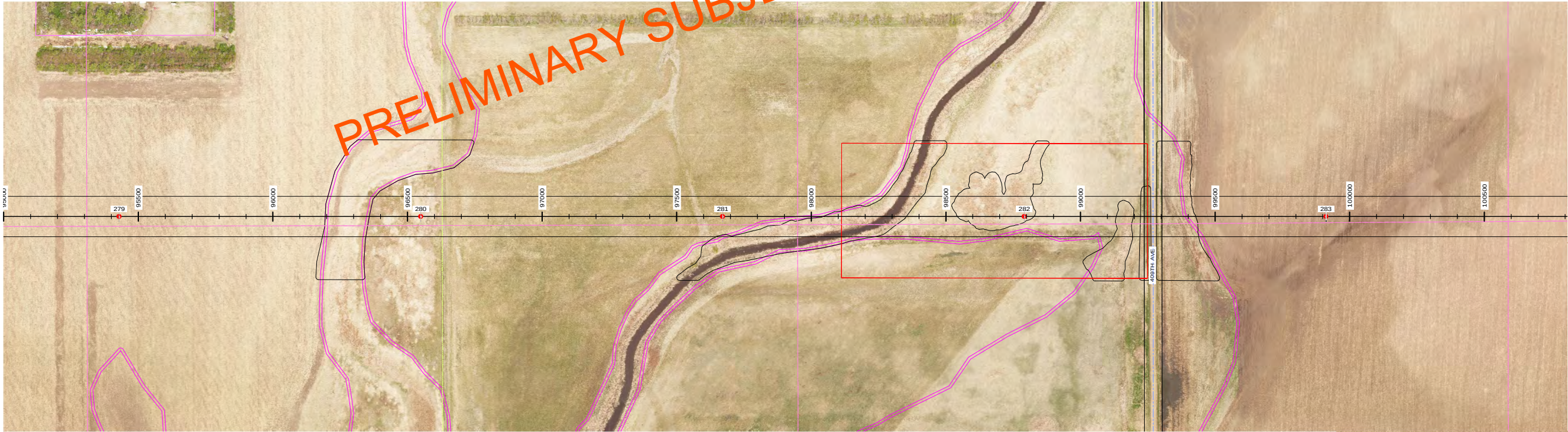
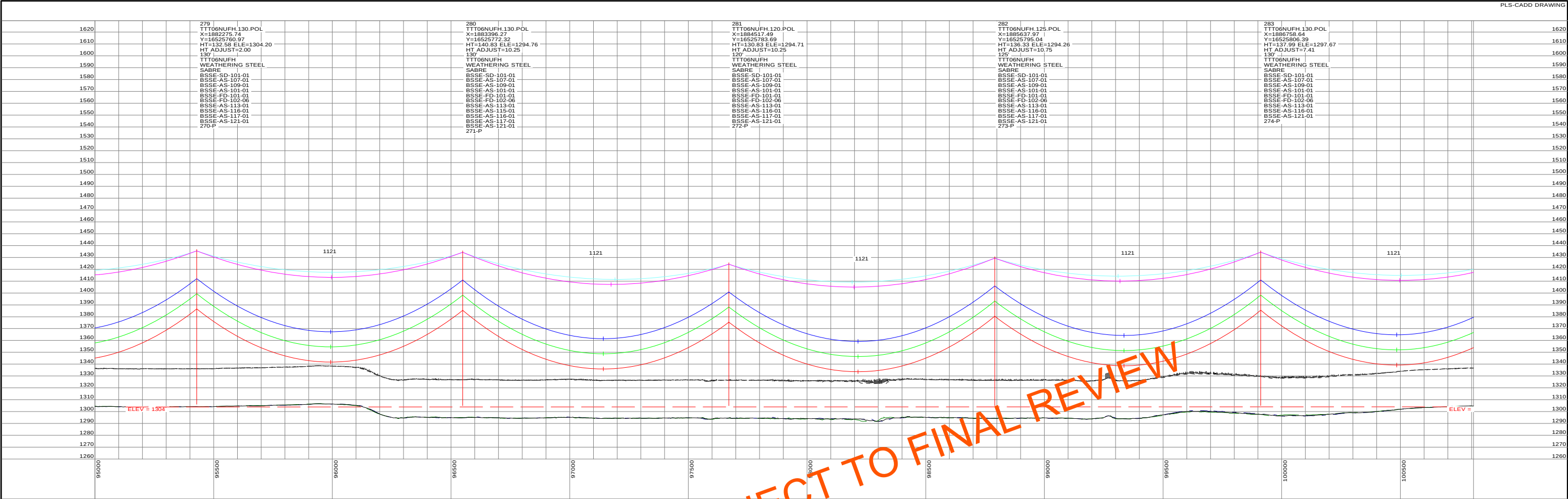
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

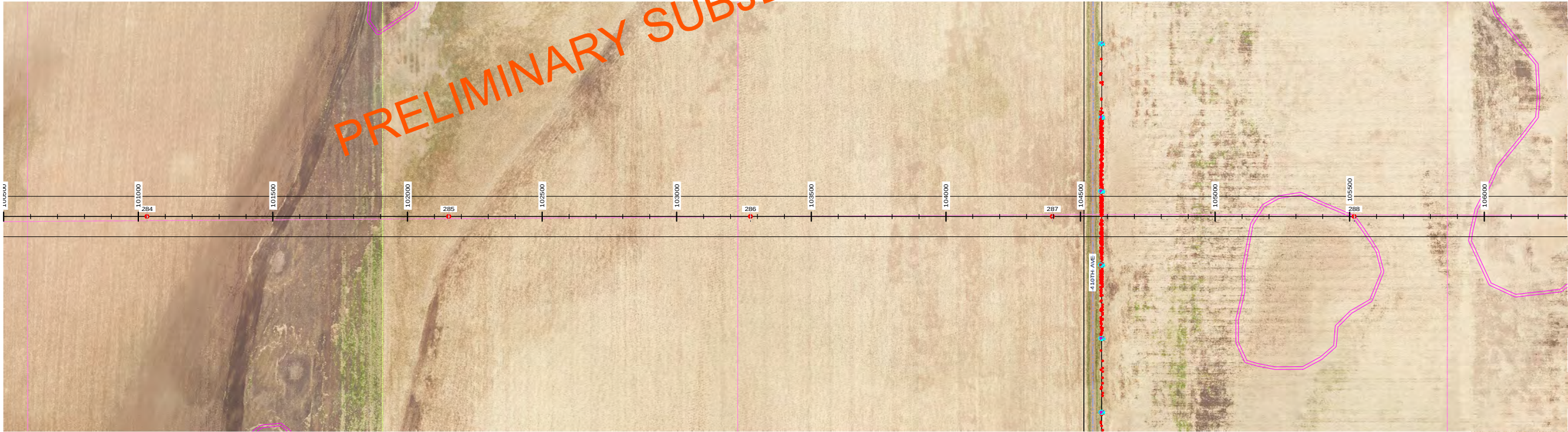
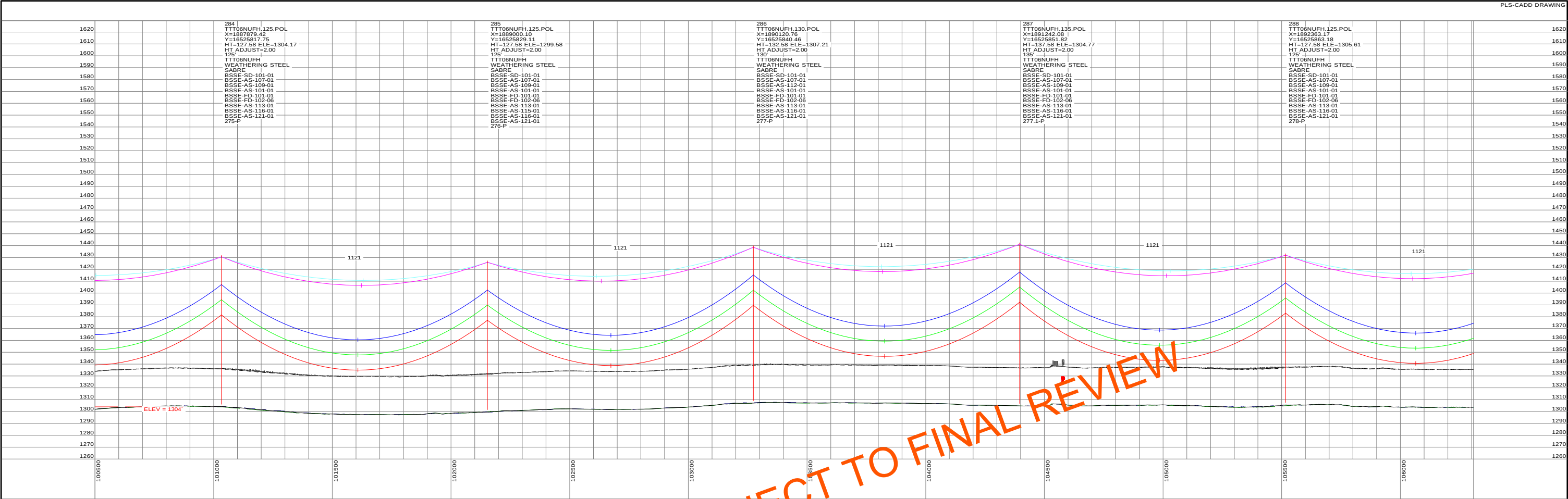
DWG. NO.
BSSE-PP-102-24
REVISION: O
136508



STRS: 279 - 283

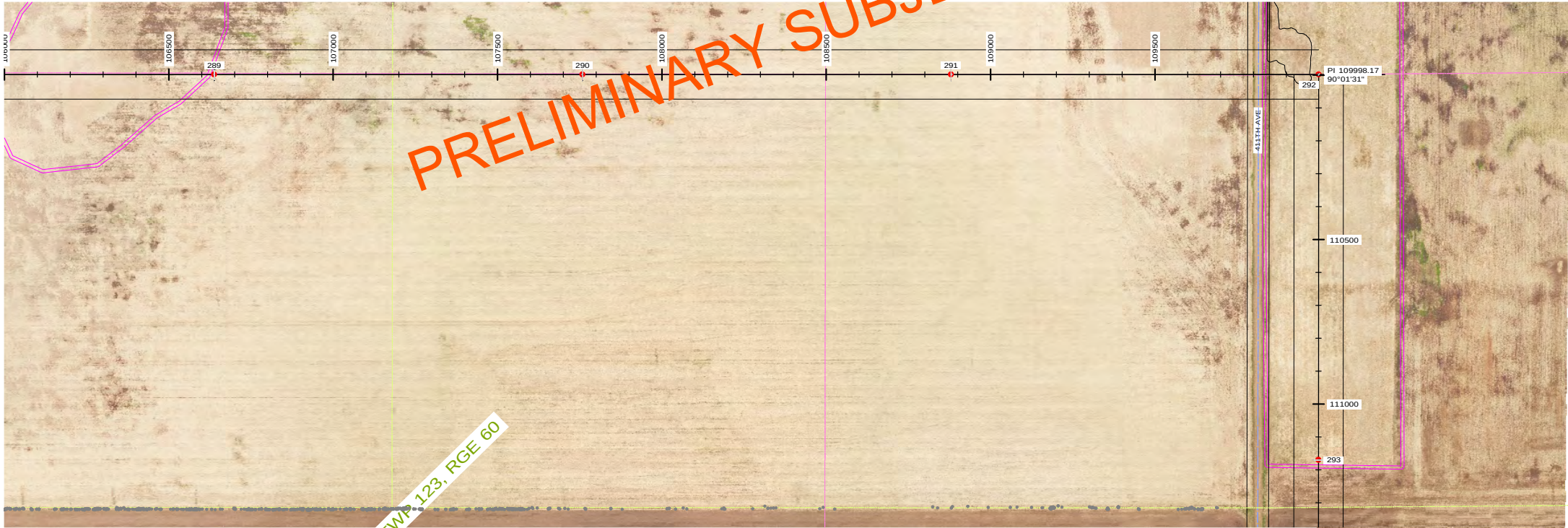
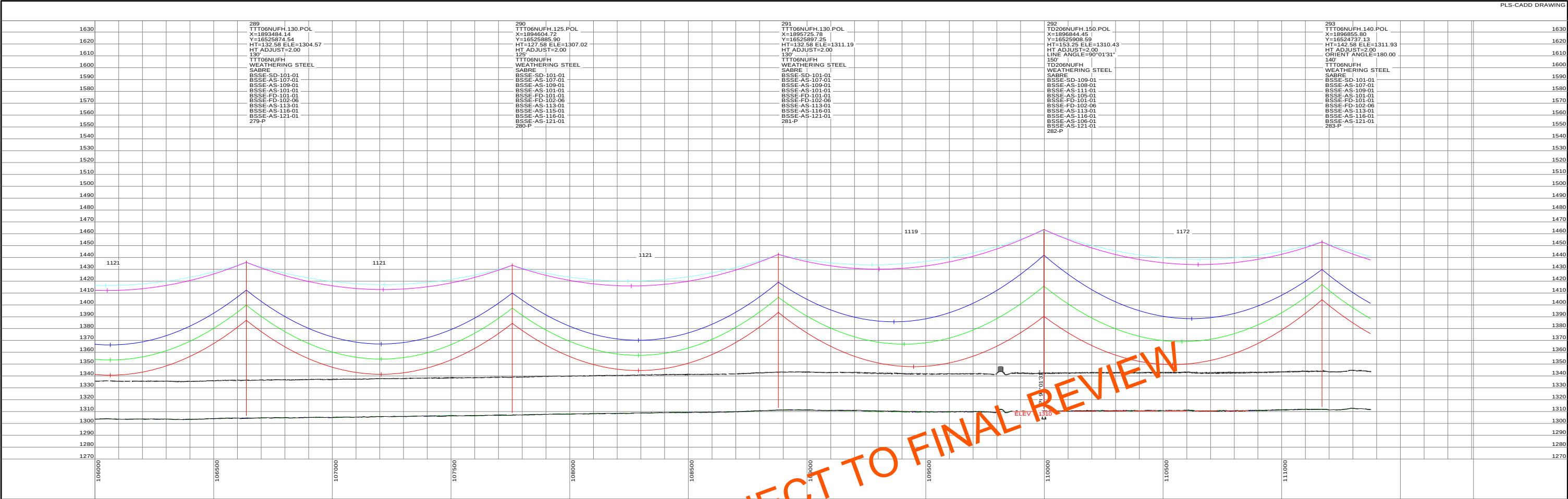
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 40.0 FT. VERT. SCALE	 NORTH	DWG. NO.	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---			CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT					BSSE-PP-102-25	
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---			BIG STONE SOUTH - ELLENDALE					REVISION: O	
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---			345 KV TRANSMISSION LINE						
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---									
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15										
		REV	DESCRIPTION	DWN	DGN	CHK	DATE									136508	

EXHIBIT 2

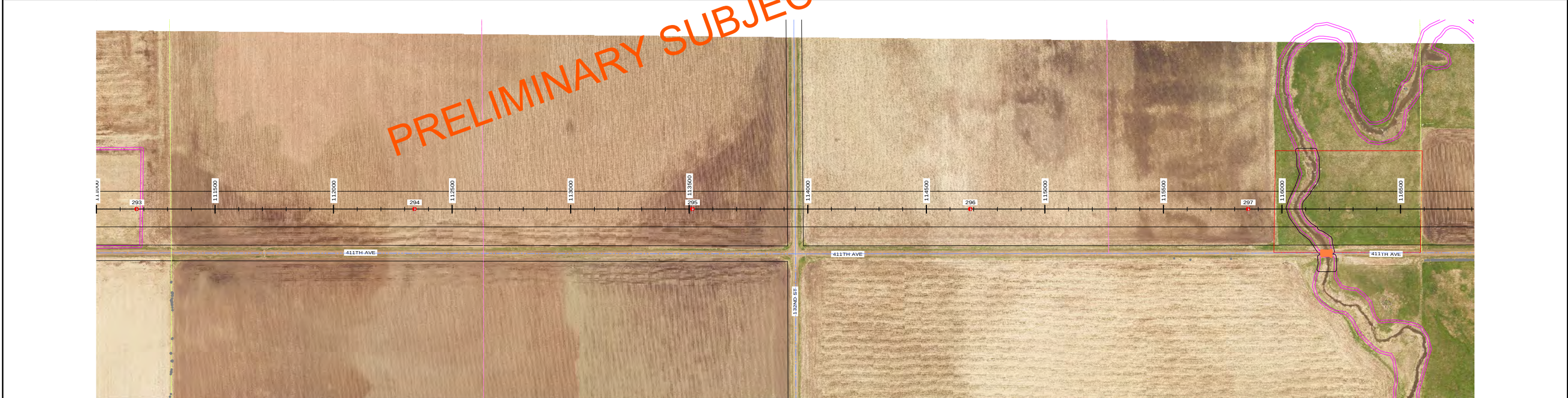


STRS: 284 - 288

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS						APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE	 40.0 FT. VERT. SCALE	 NORTH	DWG. NO.	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT					BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	BSSE-PP-102-26
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---								
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---								
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---								
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15									
		REV	DESCRIPTION	DWN	DGN	CHK	DATE									

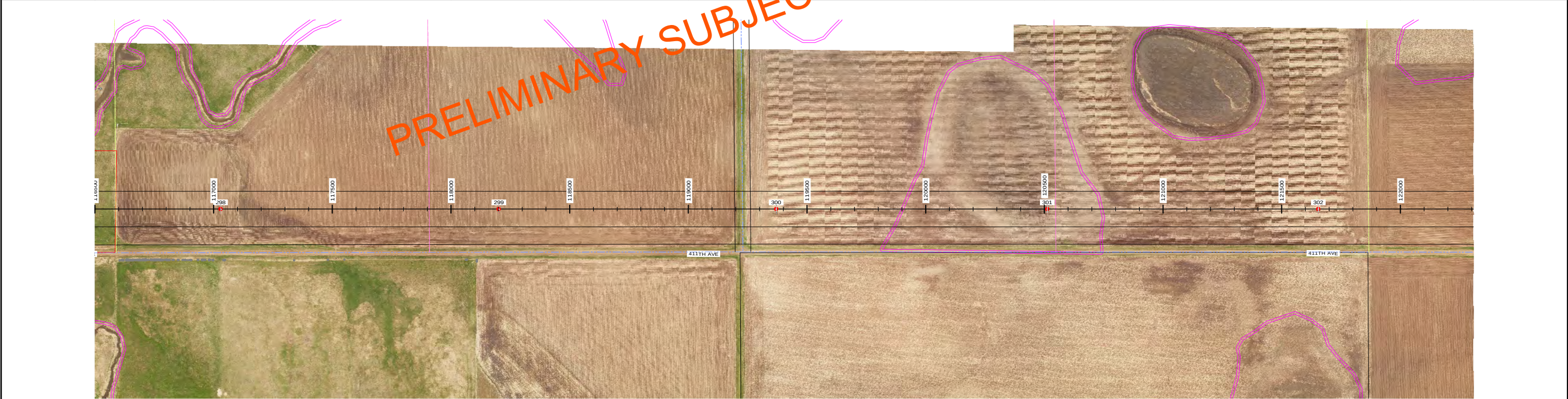
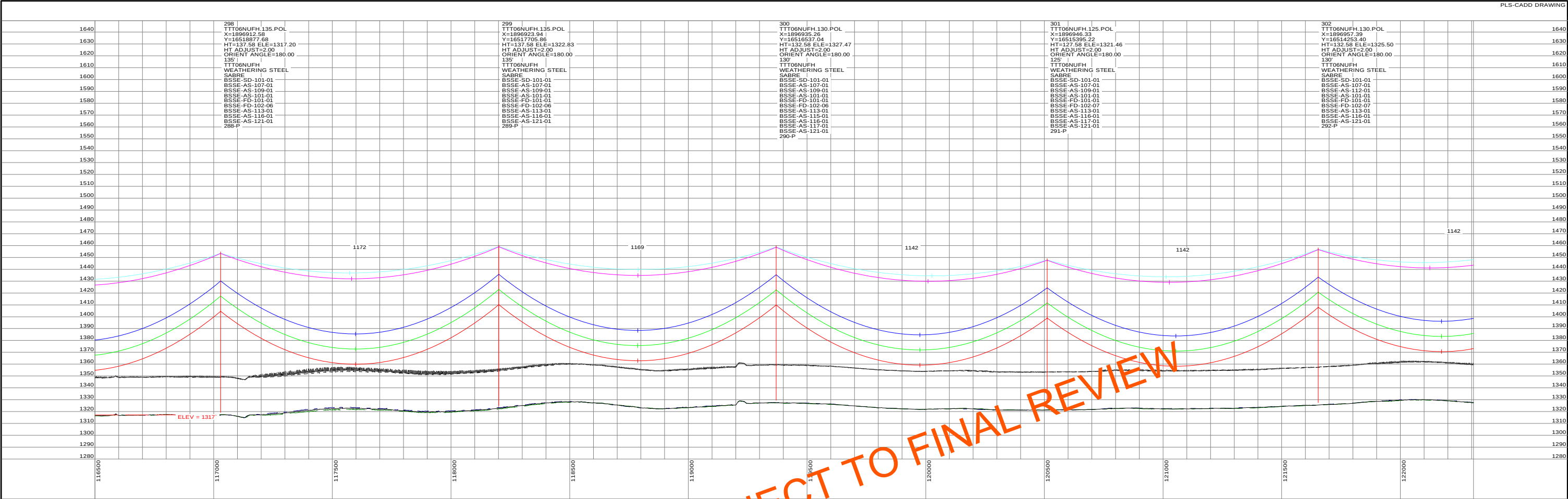


STRS: 289 - 293														
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 HORIZ. SCALE  VERT. SCALE		DWG. NO.	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---					CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523	BSSE-PP-102-27
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---					DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP	REVISION: O
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---					DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15							
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15							
		REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---						

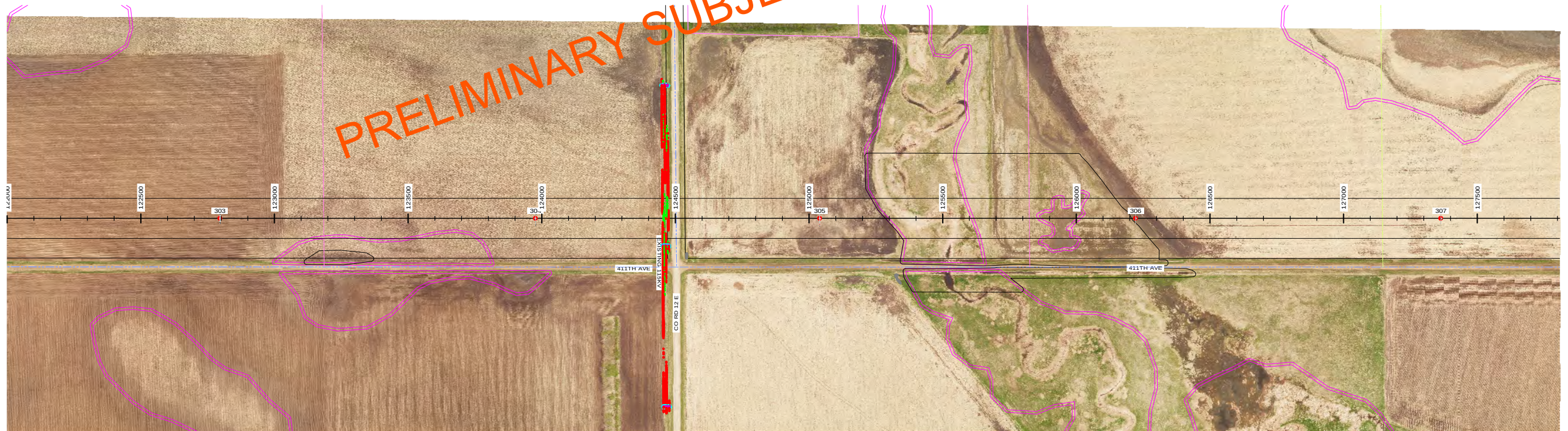
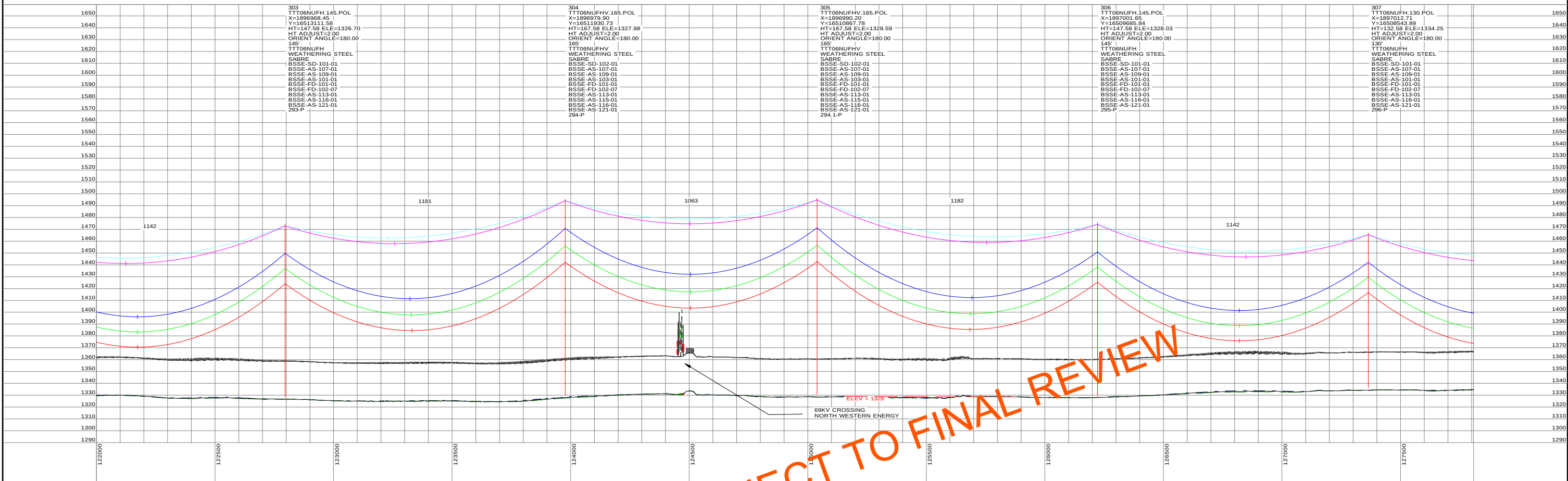


STRS: 293 - 297

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS				APPROVALS	DATE	DESIGN DATA	 BSS+E Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE 40.0 FT. VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-28
		O V21: REVISED PER REVIEW	GMD GMD	05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F. CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	REVISION: O				
		N V20: ISSUED FOR ELECTRICAL BID	GMD GMD	DJF 02/18/16	DESIGN BY: ---							
		M V19: REVISED STR 351-P LOCATION	GMD GMD	11/09/15	CHECKED BY: ---							
		L V18: REVISED PER FIELD REVIEW	GMD GMD	09/18/15	APPROVED BY: ---							
		K V17: REVISED PER FIELD REVIEW	GMD GMD	08/28/15								
		REV DESCRIPTION	DWN DGN CHK DATE									



20160505 PRELIMINARY SUBJECT TO FINAL REVIEW				REVISIONS		APPROVALS		DATE	DESIGN DATA	 BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE		 NORTH	DWG. NO. BSSE-PP-102-29 REVISION: O
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N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---							
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---							
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---							
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15								
REV	DESCRIPTION	DWN	DGN	CHK	DATE								



STRS: 303 - 307

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



REVIEWS					
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15
REV	DESCRIPTION	DWN	DGN	CHK	DATE

APPROVALS

DRAWN BY: ---

DESIGN BY: ---

CHECKED BY: ---

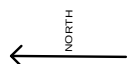
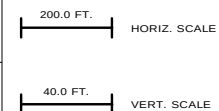
APPROVED BY: ---

DATE _____

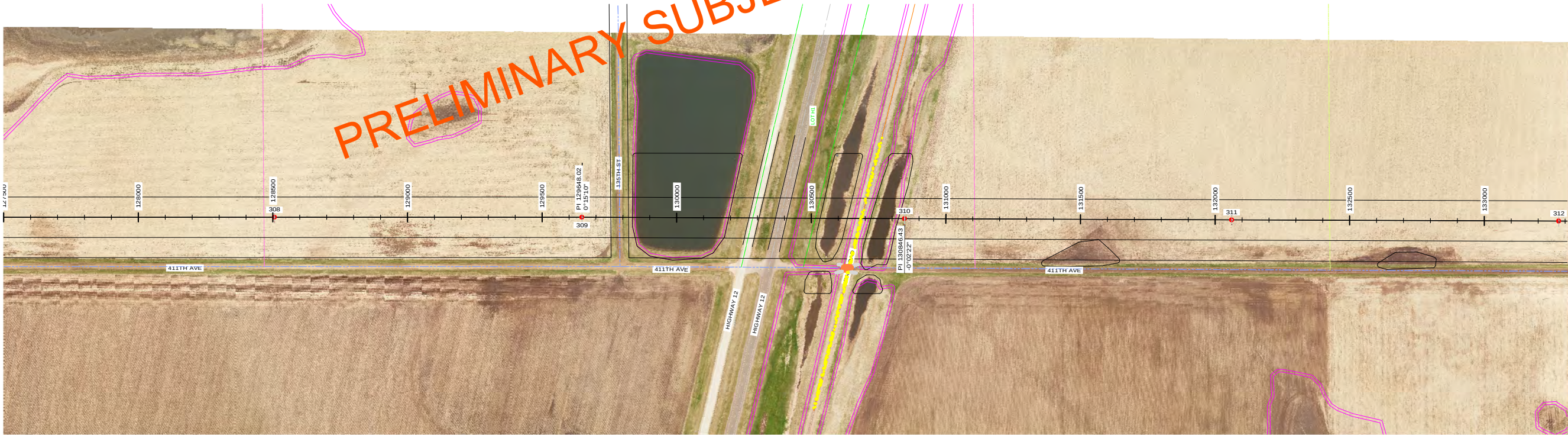
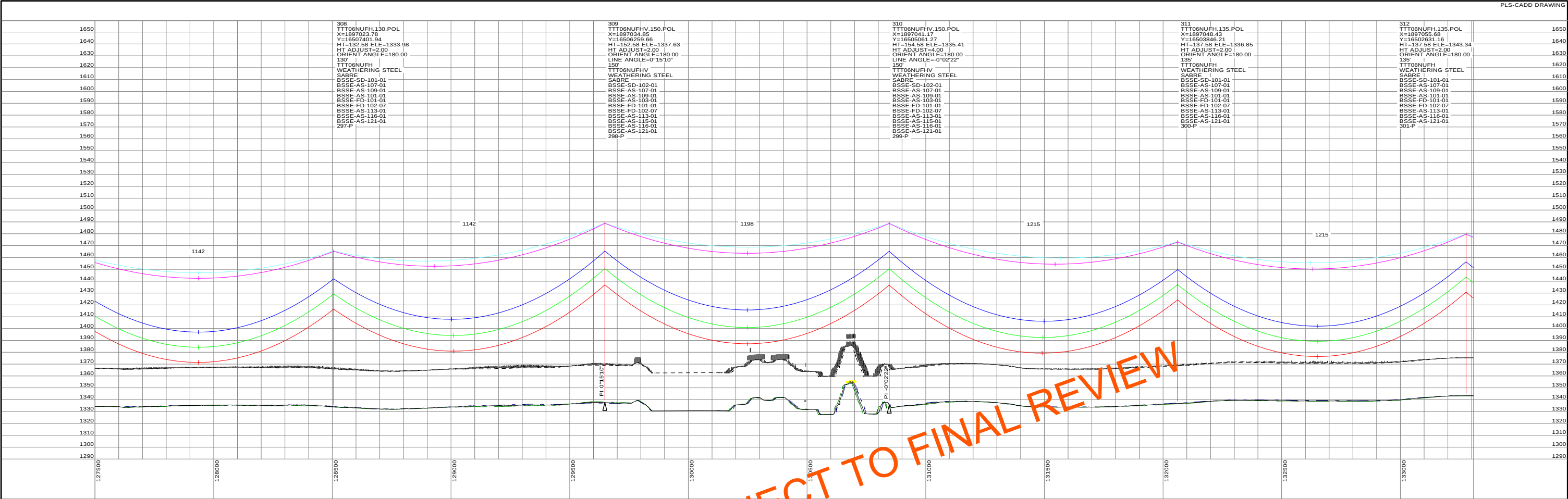
DESIGN DATA
CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR
DESIGN TENSION: 18% @ 0 F, CREEP
SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
OPGW: 1-DN0-10523
DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
GROUND CLEARANCE LINE: 30 FT
COORDINATE SYSTEM: UTM ZONE 14N, US FT



BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

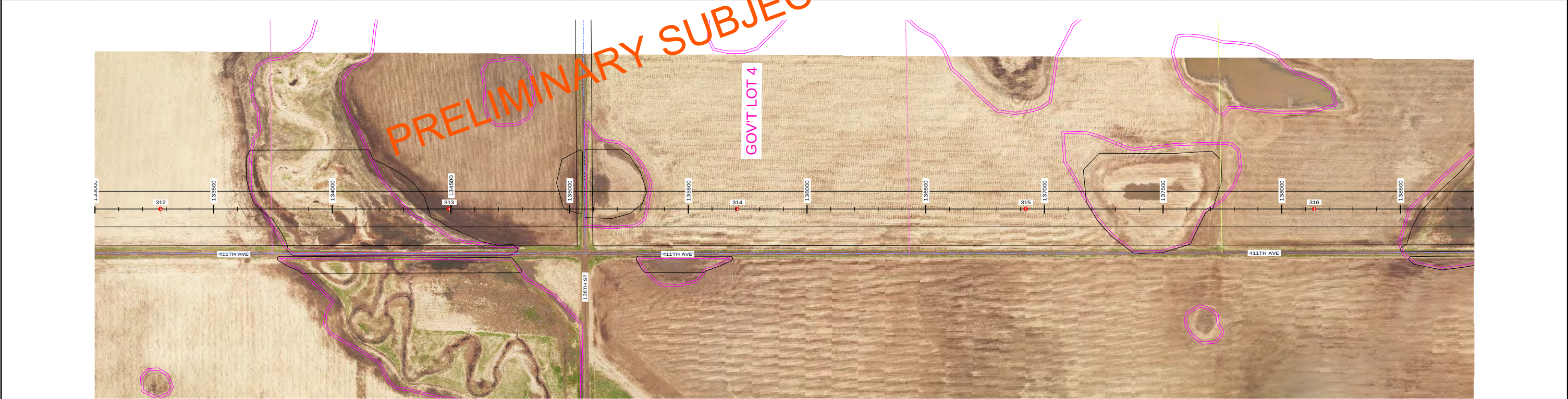
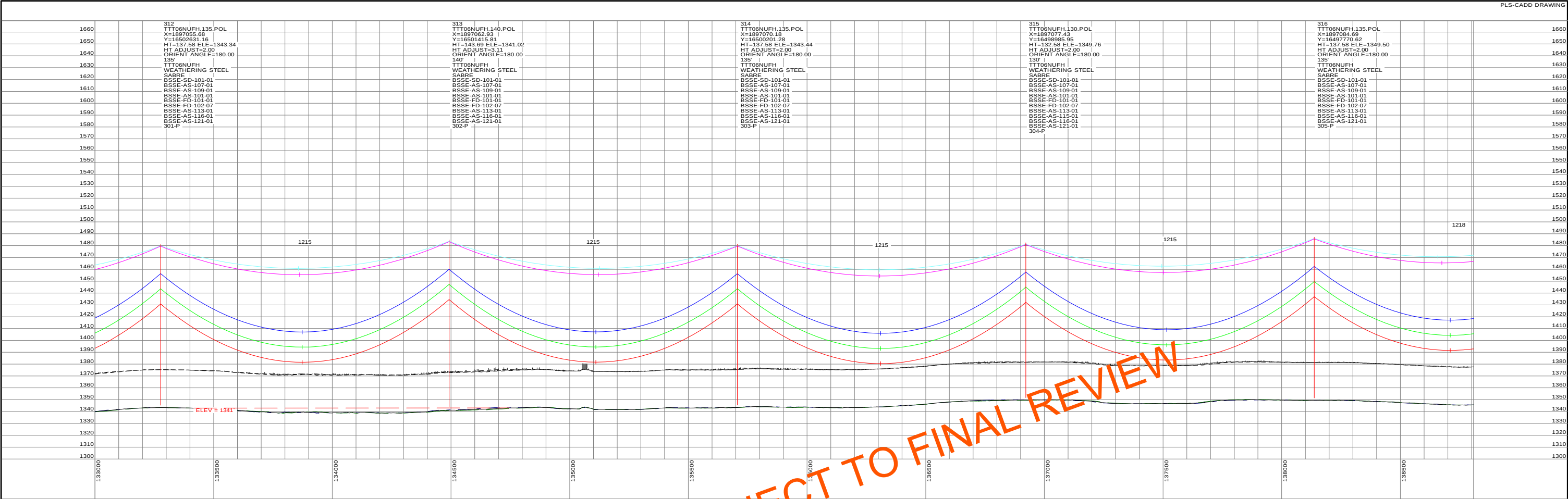


DWG. NO.	3SSE-PP-102-30
REVISION: O	136508



STRS: 308 - 312

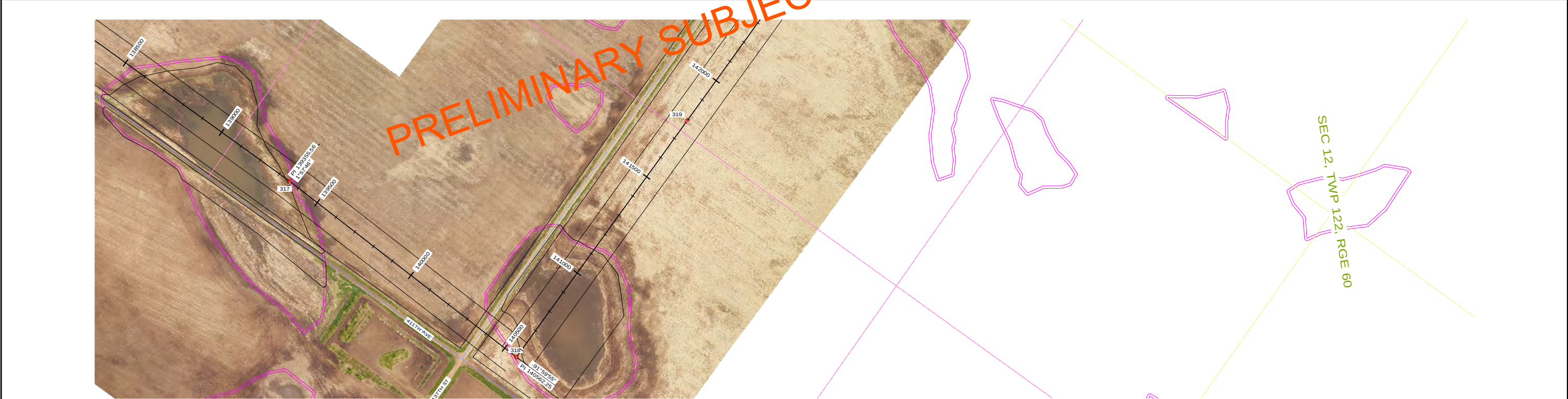
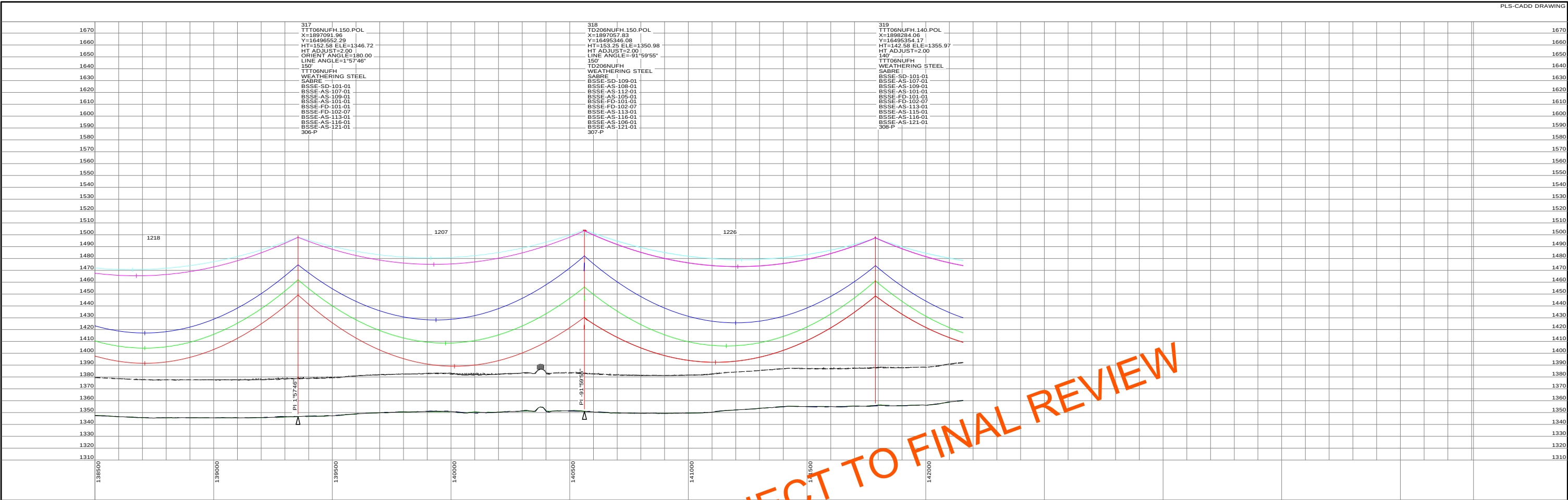
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	  	DWG. NO. BSSE-PP-102-31 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---					CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F. CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPW: 1-DN0-10523
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---					DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---					
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE						



STRS: 312 - 316

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 NORTH	DWG. NO. BSSE-PP-102-32 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---						CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---						
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---						
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---						
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15							
		REV	DESCRIPTION	DWN	DGN	CHK	DATE							

EXHIBIT 2



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 267 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

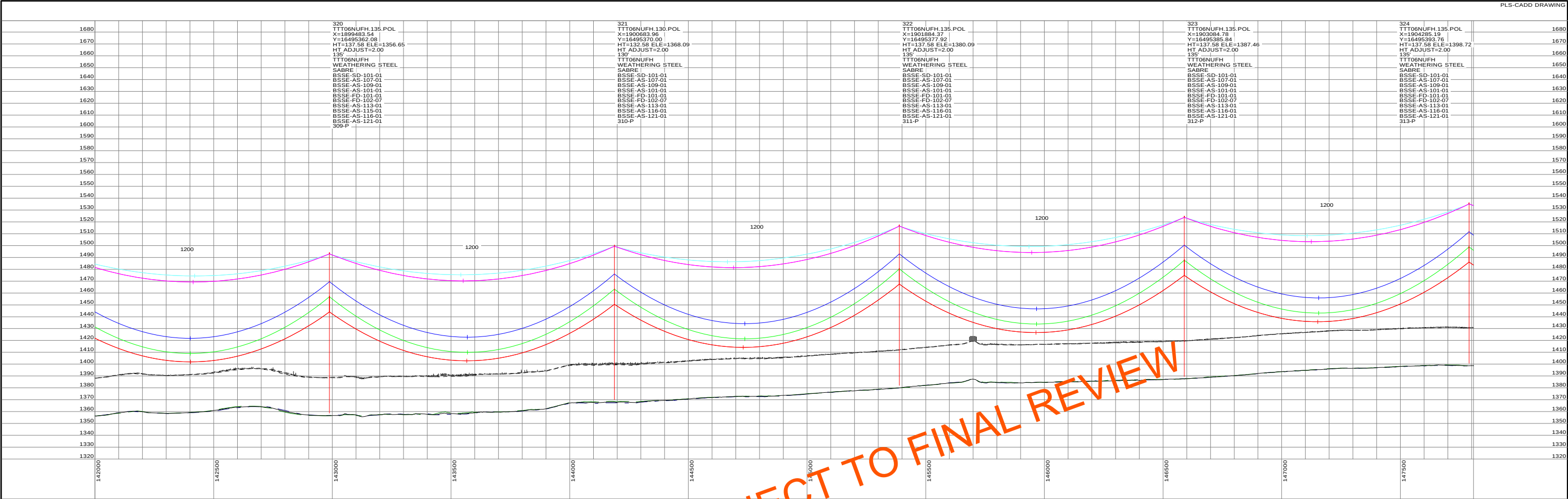
200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

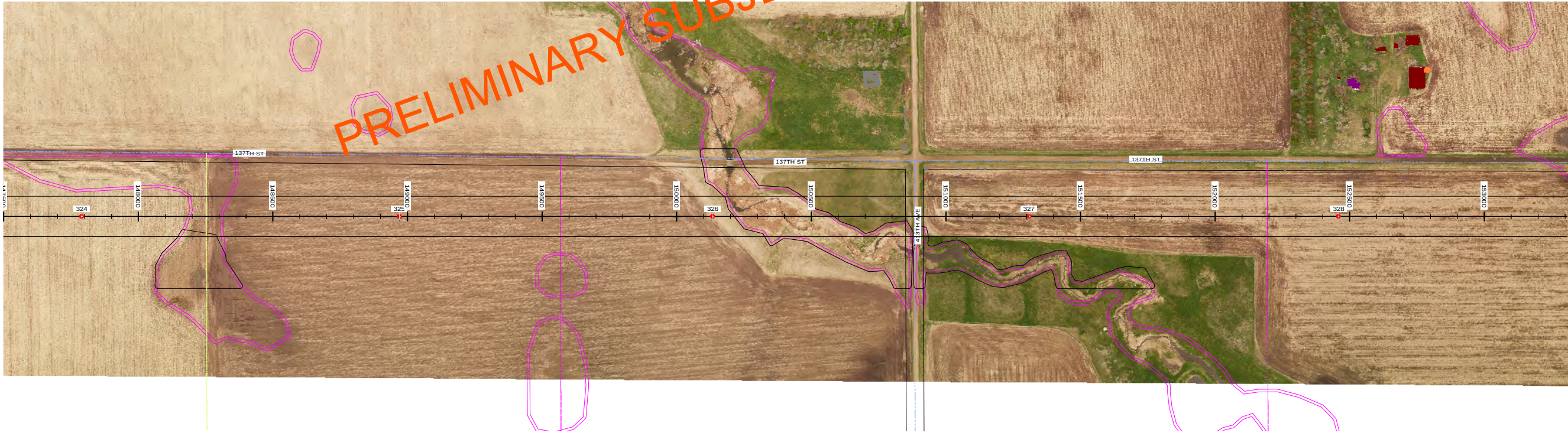
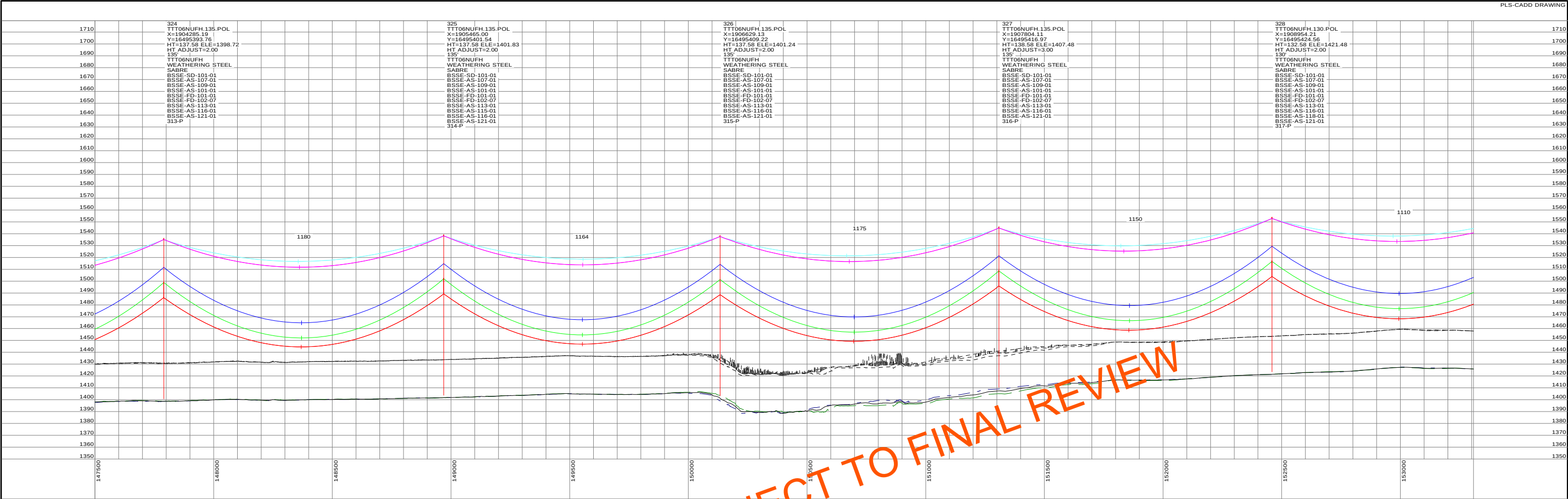
STRS: 317 - 319

DWG. NO.
BSSE-PP-102-33
REVISION: O
136508



STRS: 320 - 324

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 200.0 FT. HORIZ. SCALE 40.0 FT. VERT. SCALE NORTH	DWG. NO. BSSE-PP-102-34 REVISION: O
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT			
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---	CHECKED BY: ---			
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---				
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15					
		REV	DESCRIPTION	DWN	DGN	CHK	DATE					



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

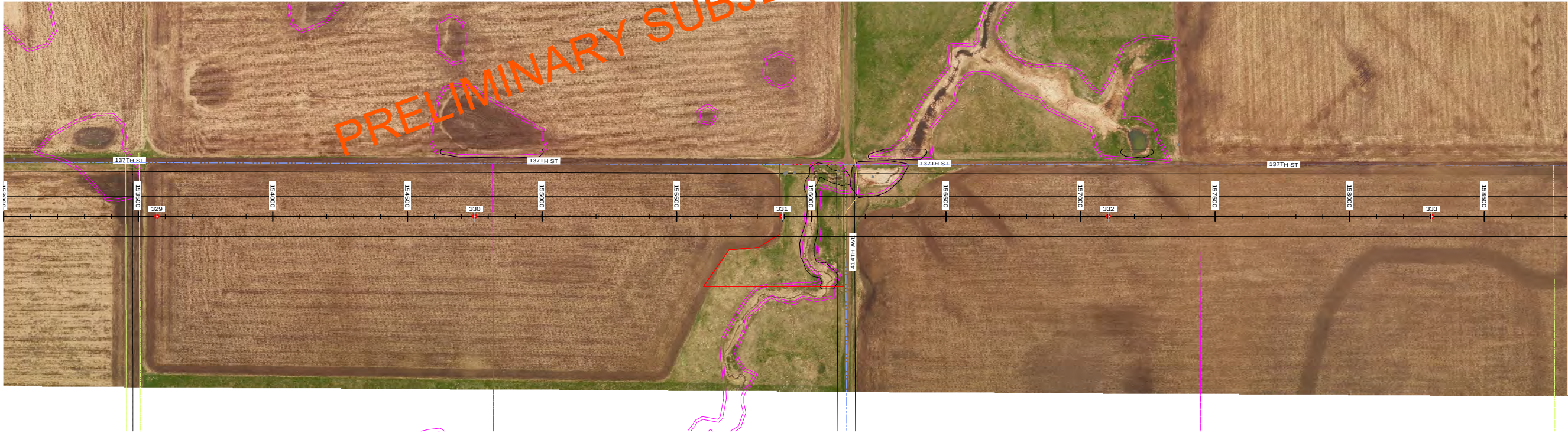
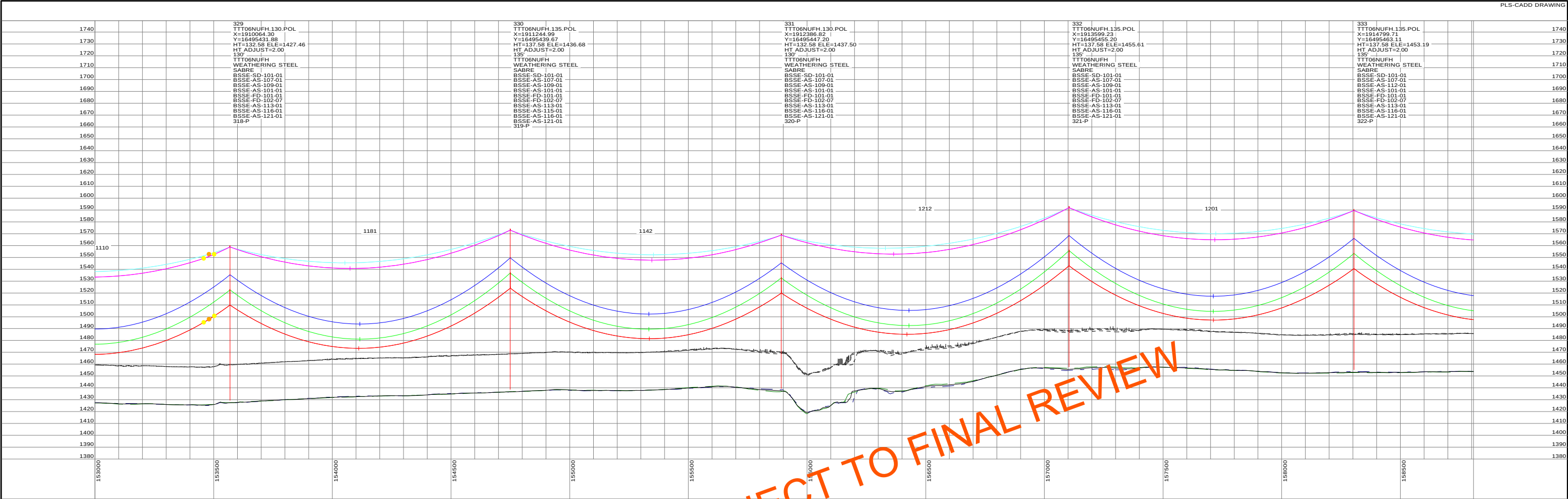
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

NORTH

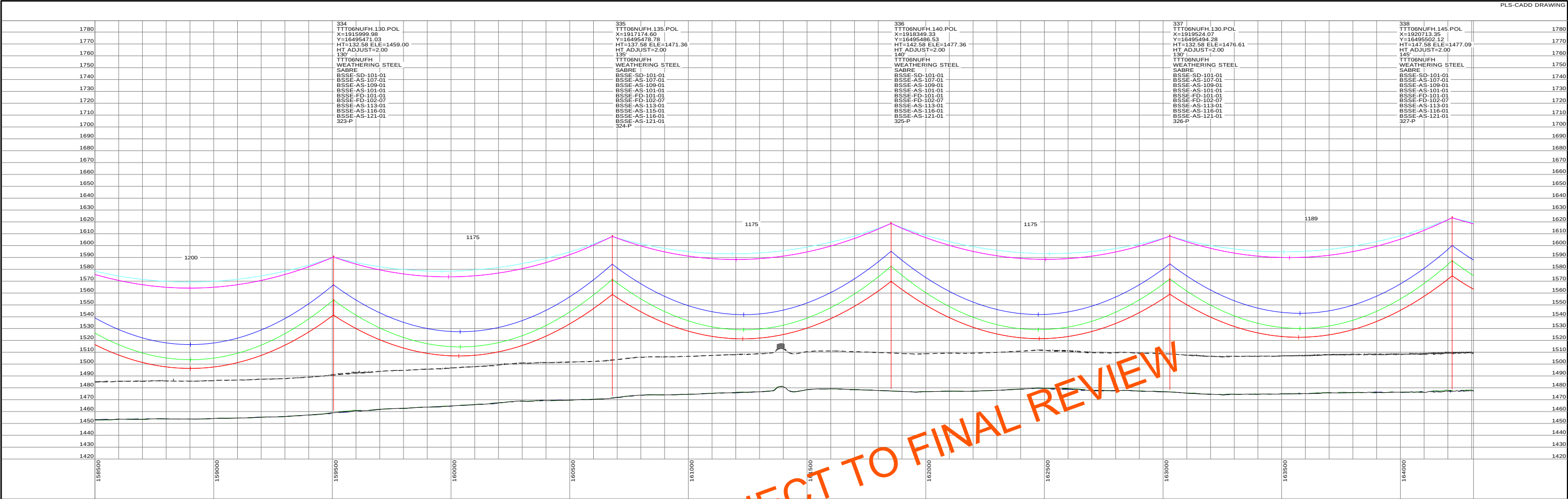
DWG. NO.
BSSE-PP-102-35
REVISION: O
136508



STRS: 329 - 333

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS				APPROVALS		DATE	DESIGN DATA CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 48% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	 Big Stone South to Ellendale	200.0 FT. HORIZ. SCALE	40.0 FT. VERT. SCALE		DWG. NO. BSSE-PP-102-36 REVISION: O 136508
		O	V21: REVISED PER REVIEW	GMD	GMD									
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16							
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15							
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15							
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15	CHECKED BY: ---	BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 Big Stone South to Ellendale	200.0 FT. HORIZ. SCALE	40.0 FT. VERT. SCALE		DWG. NO. BSSE-PP-102-36 REVISION: O 136508
		REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---						

EXHIBIT 2



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

Big Stone South to Ellendale

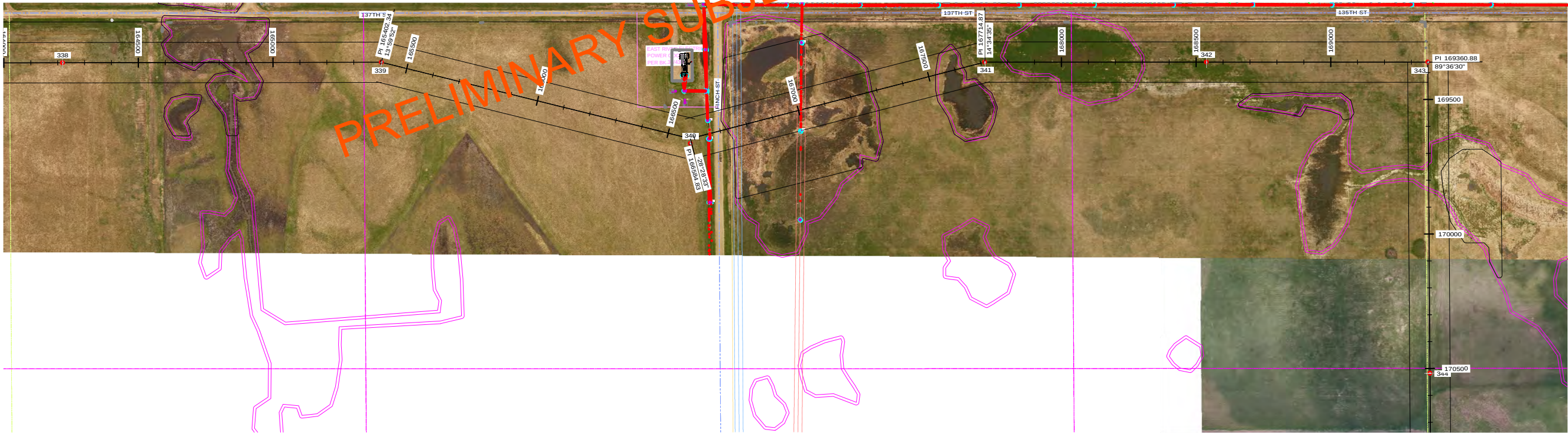
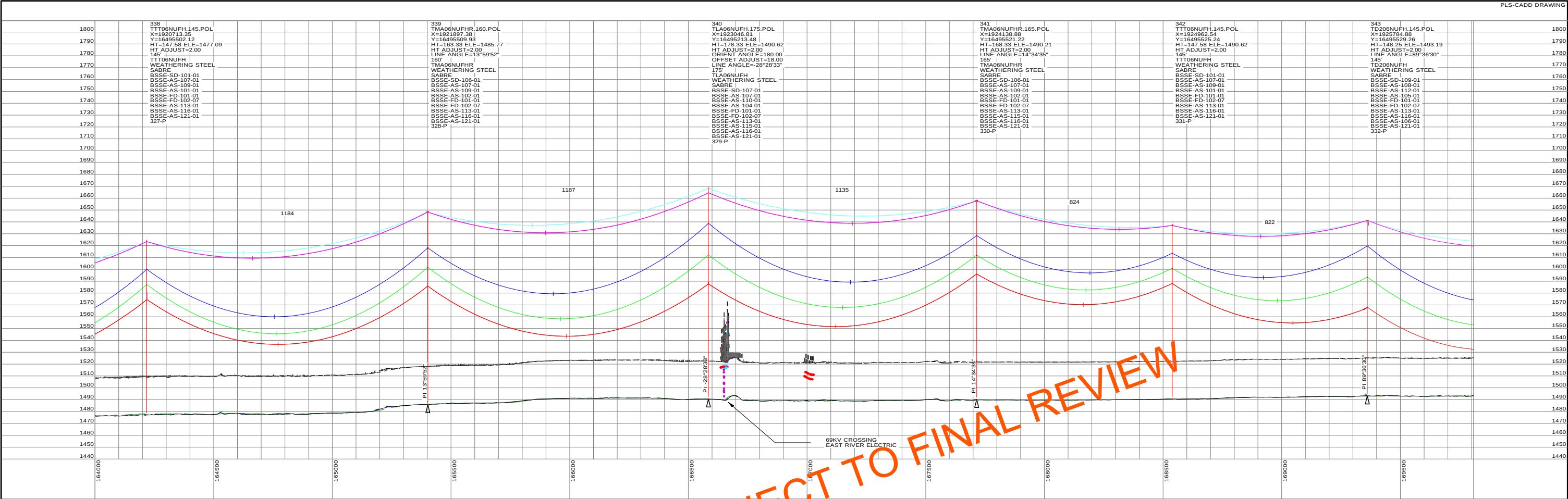
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

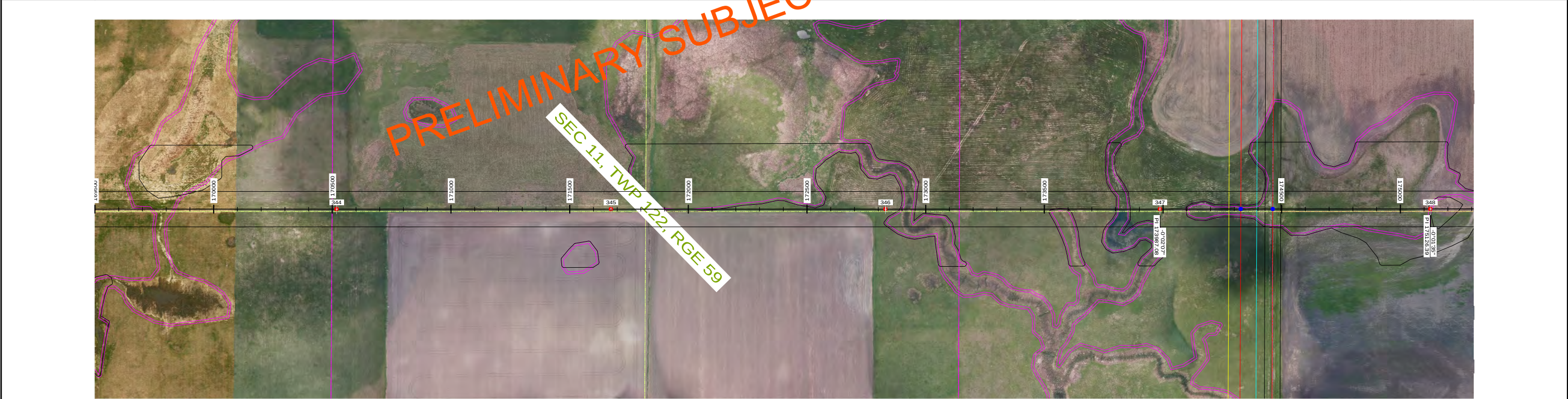
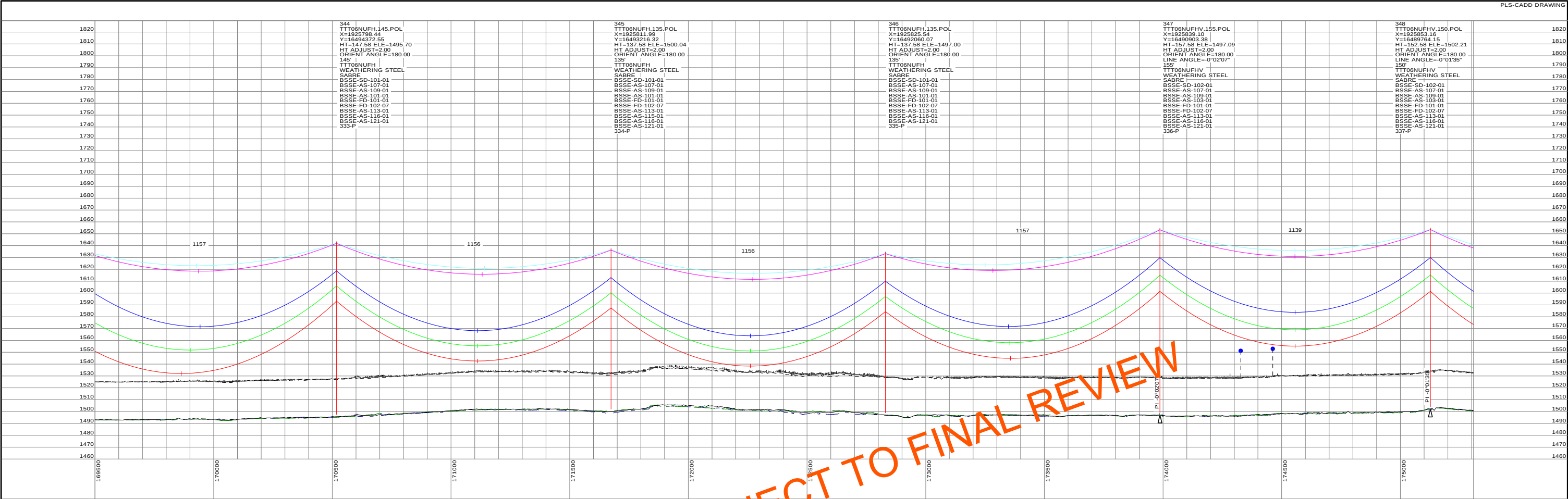
NORTH

STRS: 334 - 338
DWG. NO.
BSSE-PP-102-37
REVISION: O
136508



STRS: 338 - 343

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS						APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale	 HORIZ. SCALE	 VERT. SCALE	 NORTH	DWG. NO. BSSE-PP-102-38 REVISION: O 136508
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		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---									
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---									
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---									
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15										
		REV	DESCRIPTION	DWN	DGN	CHK	DATE										



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
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N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

Big Stone South to Ellendale

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

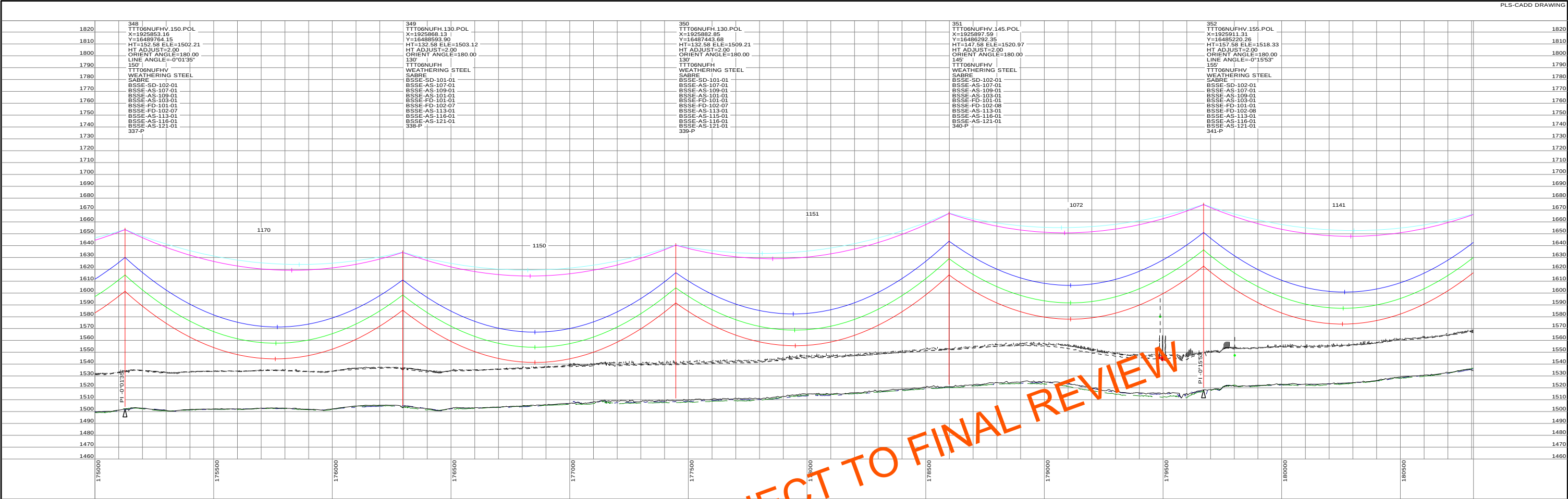
200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

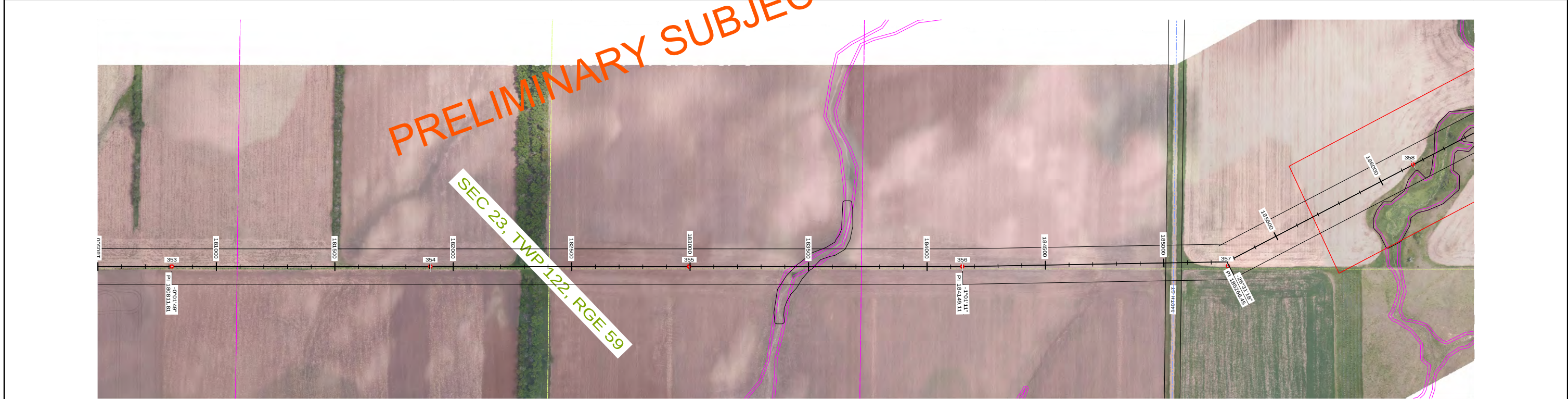
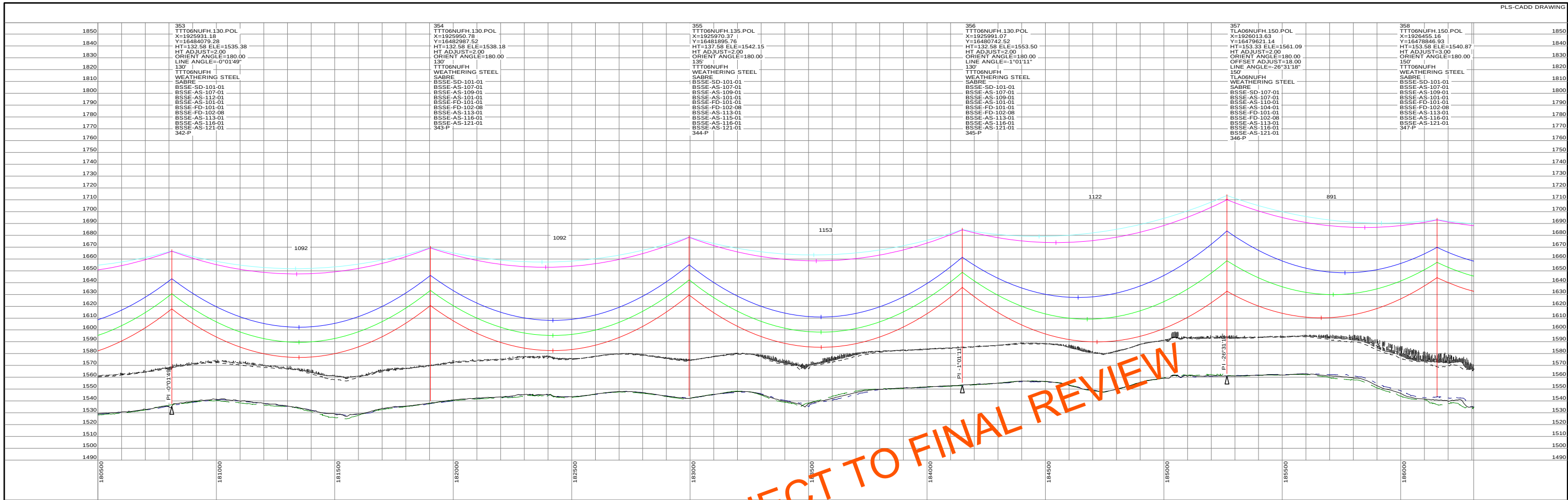
NORTH

DWG. NO.
BSSE-PP-102-39
REVISION: O
136508

STRS: 344 - 348



20160505 PRELIMINARY SUBJECT TO FINAL REVIEW				REVISIONS					APPROVALS		DATE	DESIGN DATA		 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE		200.0 FT. HORIZ. SCALE 40.0 FT. VERT. SCALE NORTH		DWG. NO. BSSE-PP-102-40 REVISION: O	
				O	V21: REVISED PER REVIEW			GMD	GMD		05/05/16	DRAWN BY: ---			CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT				
				N	V20: ISSUED FOR ELECTRICAL BID			GMD	GMD	DJF	02/18/16	DESIGN BY: ---							
				M	V19: REVISED STR 351-P LOCATION			GMD	GMD		11/09/15								
				L	V18: REVISED PER FIELD REVIEW			GMD	GMD		09/18/15	CHECKED BY: ---							
				K	V17: REVISED PER FIELD REVIEW			GMD	GMD		08/28/15								
REV	DESCRIPTION			DWN	DGN	CHK	DATE	APPROVED BY: ---											



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD	05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	02/18/16	DESIGN BY: ---			
M	V19: REVISED STR 351-P LOCATION	GMD	GMD	11/09/15	CHECKED BY: ---			
L	V18: REVISED PER FIELD REVIEW	GMD	GMD	09/18/15	APPROVED BY: ---			
K	V17: REVISED PER FIELD REVIEW	GMD	GMD	08/28/15				
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

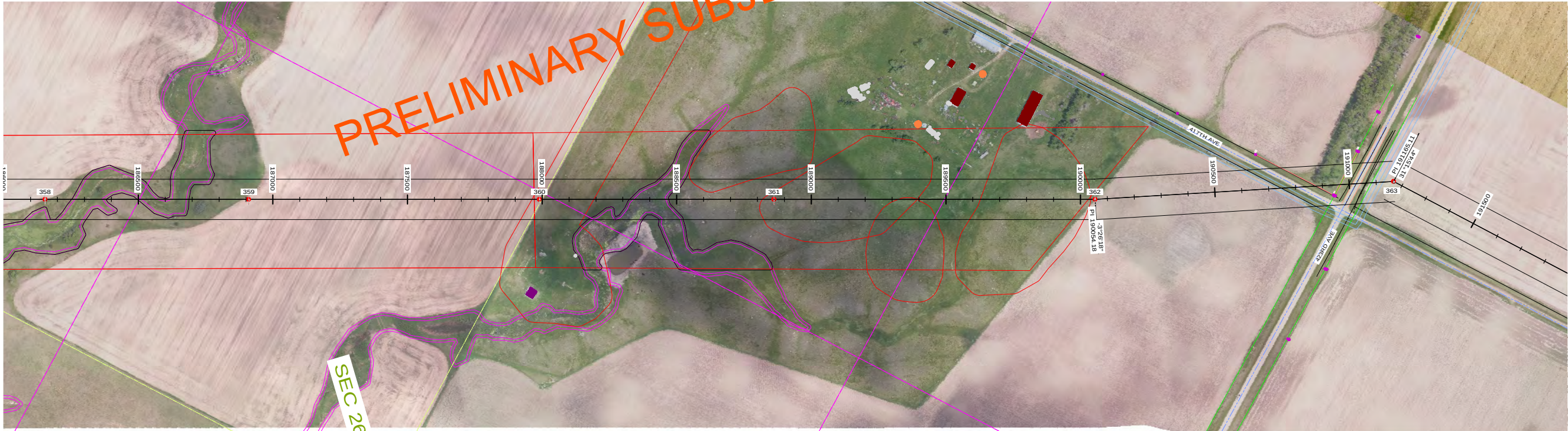
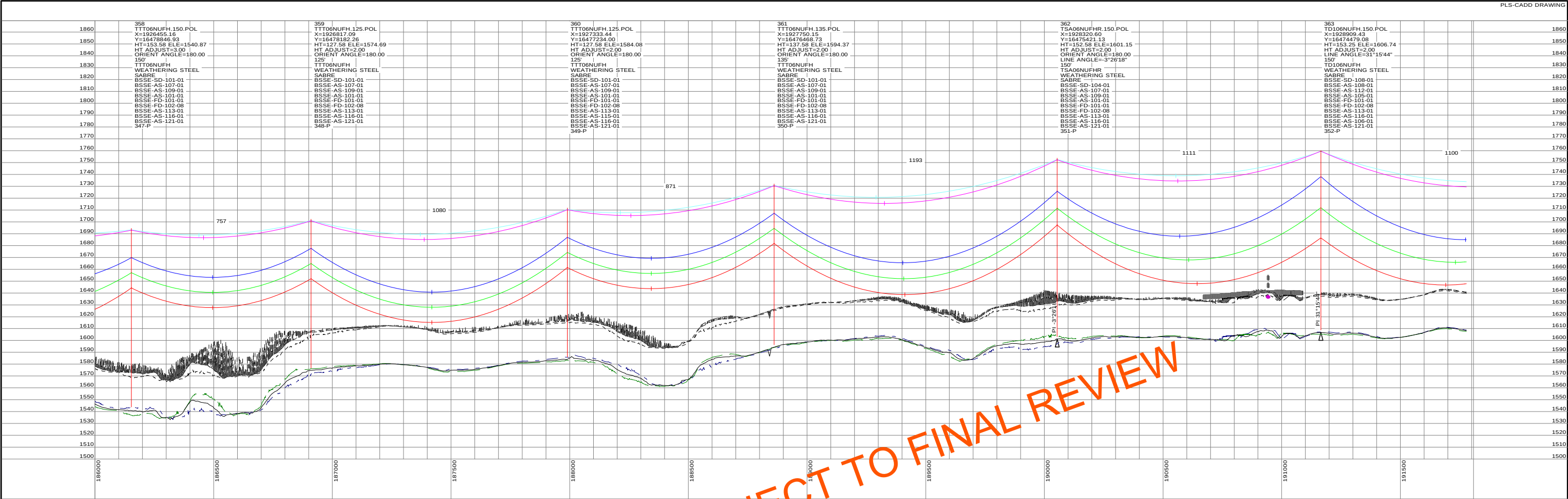
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

NORTH
←

DWG. NO.
BSSE-PP-102-41
REVISION: O
136508



STRS: 358 - 363

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD	05/05/16	DRAWN BY: ---		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	02/18/16	DESIGN BY: ---			
M	V19: REVISED STR 351-P LOCATION	GMD	GMD	11/09/15	CHECKED BY: ---			
L	V18: REVISED PER FIELD REVIEW	GMD	GMD	09/18/15	APPROVED BY: ---			
K	V17: REVISED PER FIELD REVIEW	GMD	GMD	08/28/15				
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

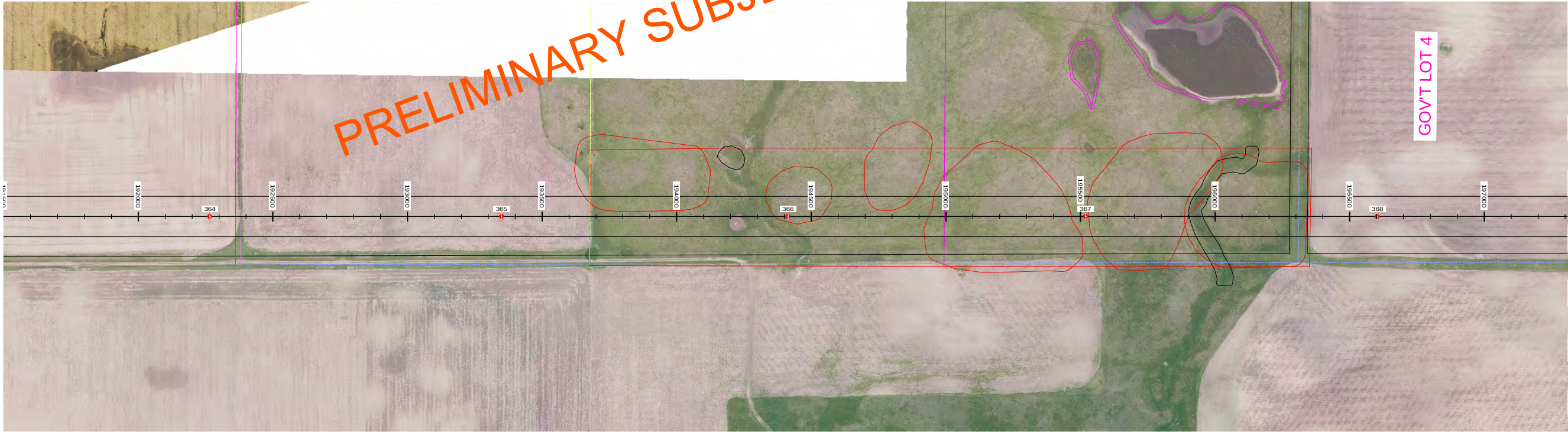
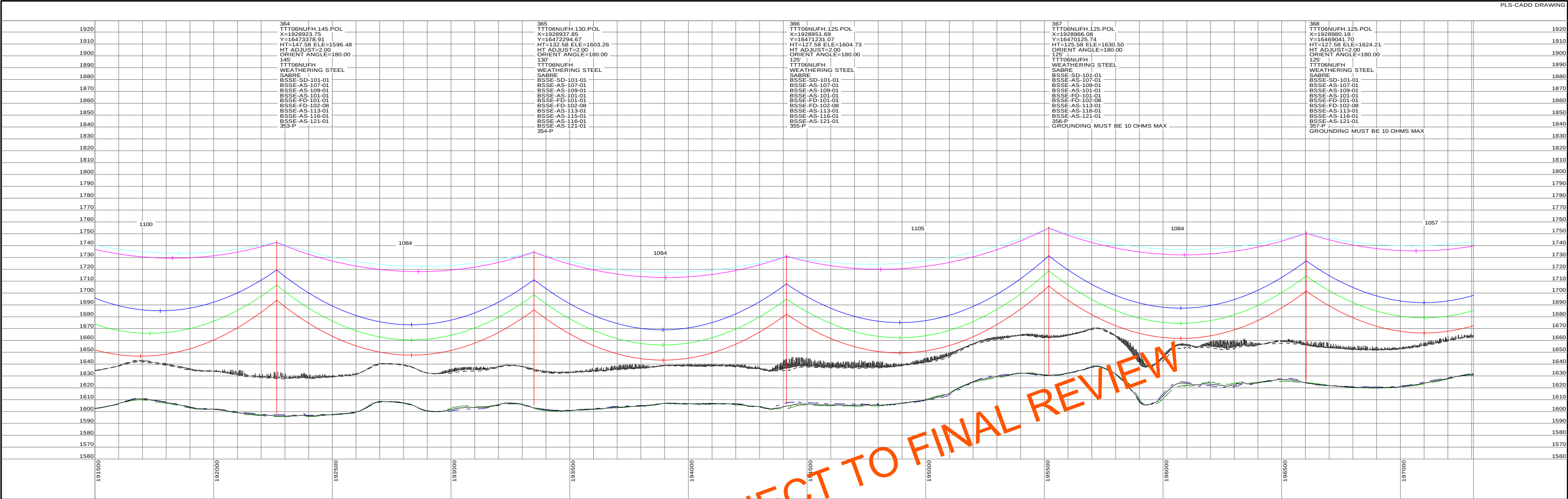
40.0 FT. VERT. SCALE

NORTH

DWG. NO.
BSSE-PP-102-42

REVISION: O

136508



STRS: 364 - 368

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS				APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16		CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15		
REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---	

Big Stone South to Ellendale

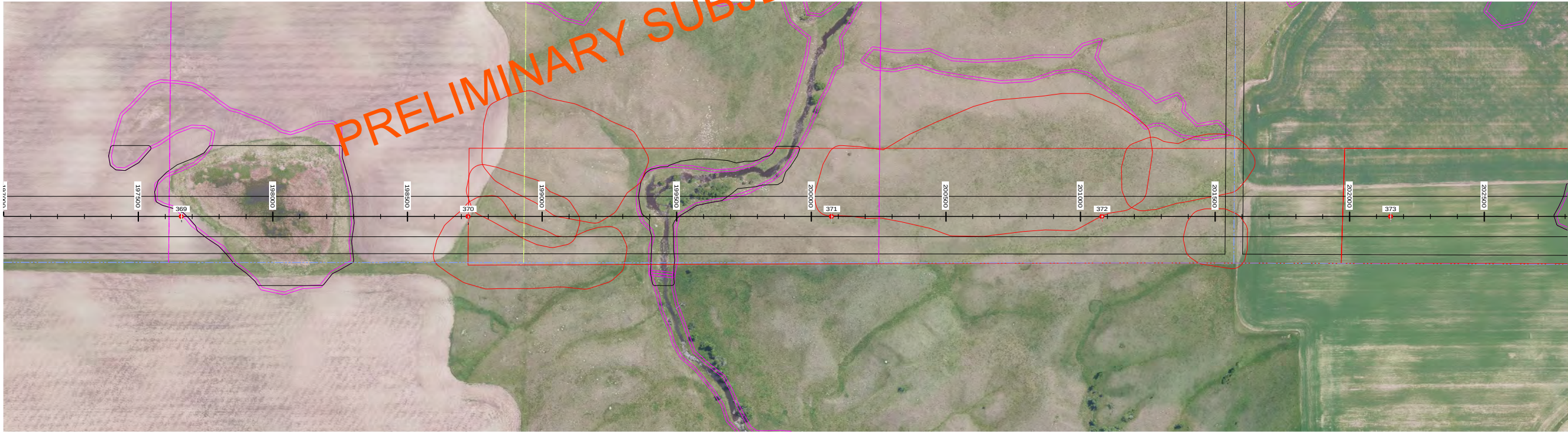
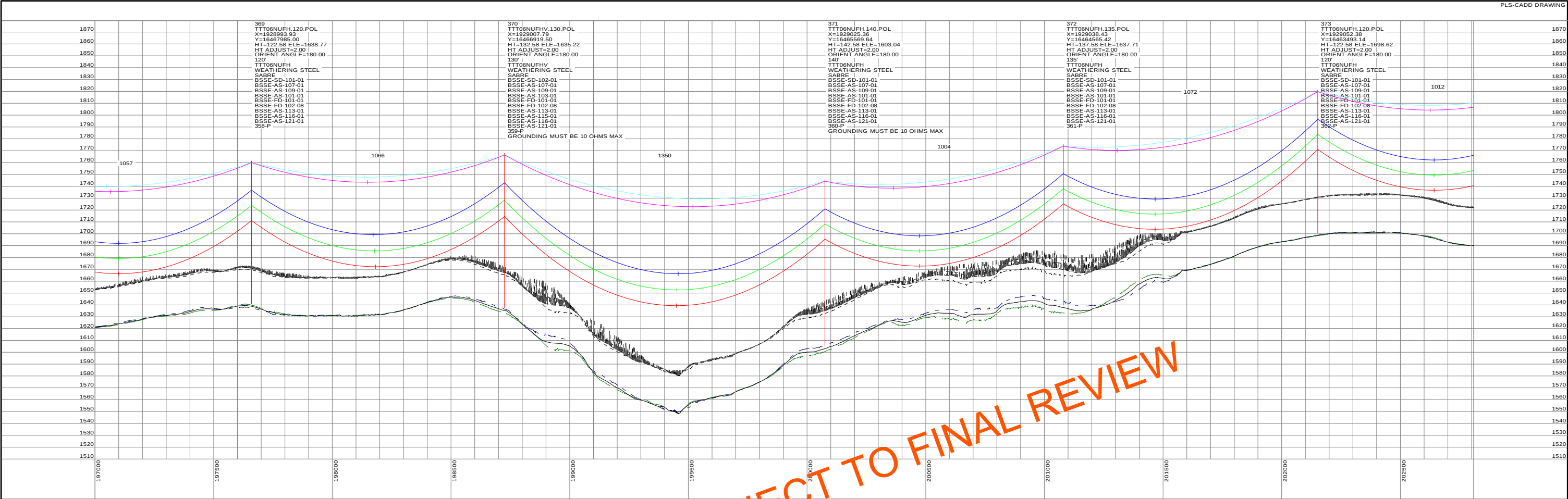
BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT.
HORIZ. SCALE

40.0 FT.
VERT. SCALE

NORTH
←

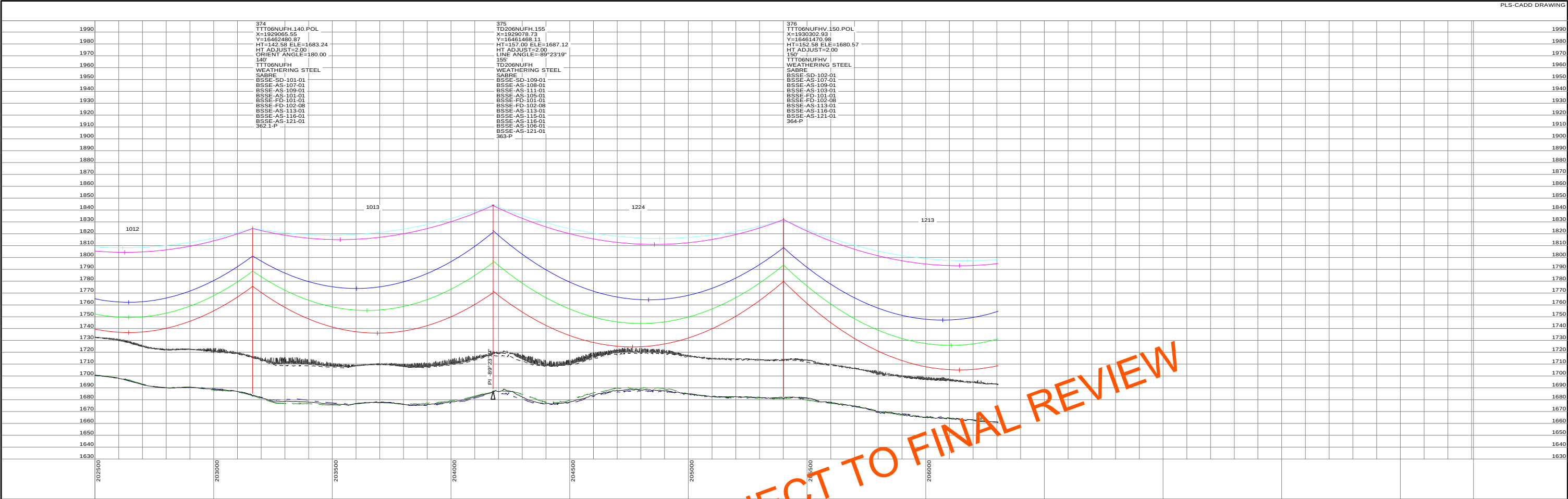
DWG. NO.
BSSE-PP-102-43
REVISION: O
136508



STRS: 369 - 373

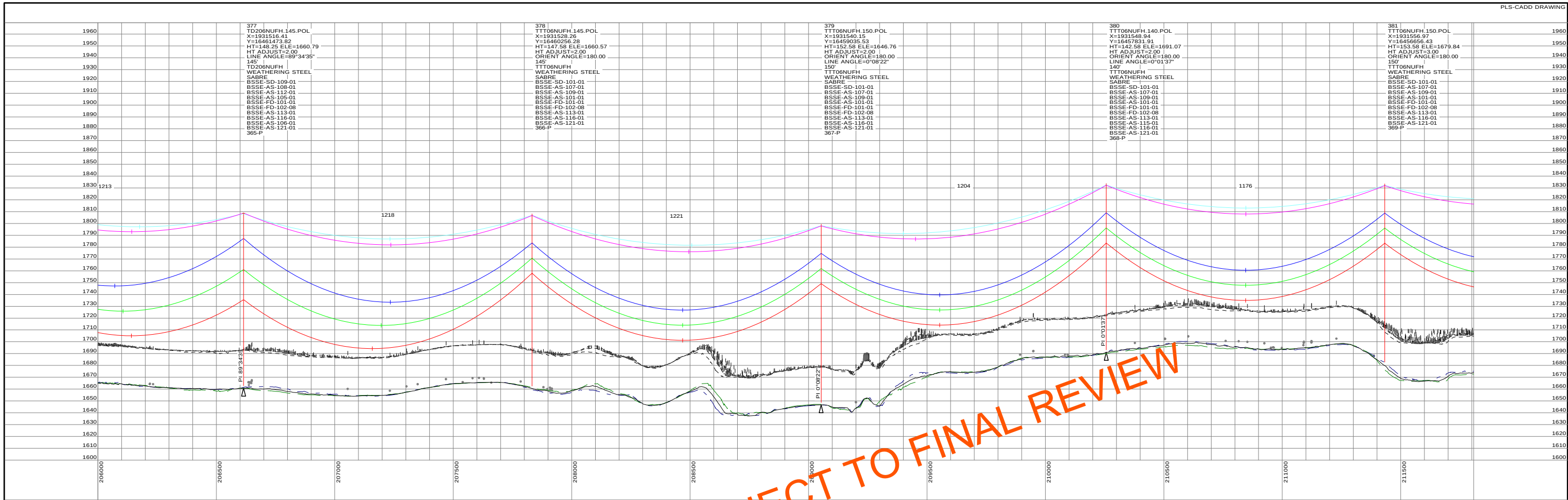
20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE	 HORIZ. SCALE  VERT. SCALE 	DWG. NO. BSSE-PP-102-44 REVISION: O 136508
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT				
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---					
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---					
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE						

EXHIBIT 2

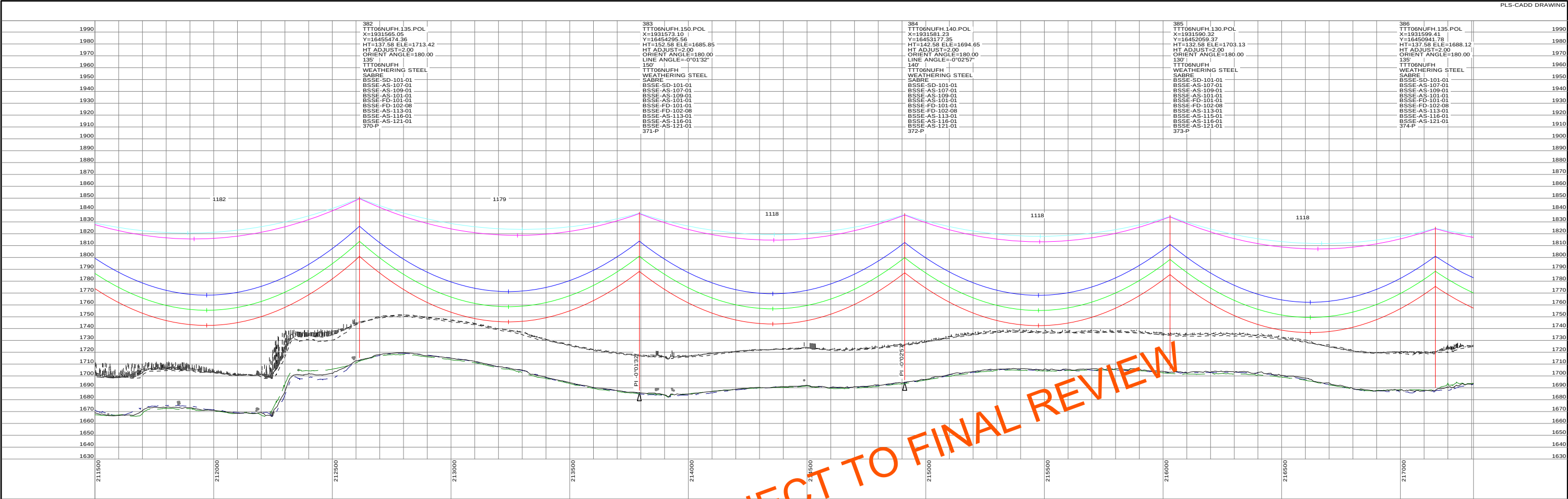


STRS: 374 - 376

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 HORIZ. SCALE	 NORTH	DWG. NO. BSSE-PP-102-45 REVISION: O		
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---						CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---							
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---							
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---							
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15								
		REV	DESCRIPTION	DWN	DGN	CHK	DATE								



20160505 PRELIMINARY SUBJECT TO FINAL REVIEW												STRS: 377 - 381															
												REVISIONS				APPROVALS		DATE		DESIGN DATA				 Big Stone South to Ellendale BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE 200.0 FT. HORIZ. SCALE 40.0 FT. VERT. SCALE NORTH ←			
O		V21: REVISED PER REVIEW		GMD		GMD				05/05/16		DRAWN BY: ---				CONDUCTOR: (2X) 477 KCMIL 267 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT											
N		V20: ISSUED FOR ELECTRICAL BID		GMD		GMD		DJF		02/18/16		DESIGN BY: ---															
M		V19: REVISED STR 351-P LOCATION		GMD		GMD				11/09/15		CHECKED BY: ---															
L		V18: REVISED PER FIELD REVIEW		GMD		GMD				09/18/15		APPROVED BY: ---															
K		V17: REVISED PER FIELD REVIEW		GMD		GMD				08/28/15																	
REV		DESCRIPTION		DWN		DGN		CHK		DATE										DWG. NO. BSSE-PP-102-46 REVISION: O 136508							



20160505 PRELIMINARY SUBJECT TO FINAL REVIEW				STRS: 382 - 386		DWG. NO. BSSE-PP-102-47 REVISION: O 136508	
REVISIONS		APPROVALS		DATE		DESIGN DATA	
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	CONDUCTOR: (2X) 477 KCMIL 267 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15		
REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVED BY: ---	
DESIGN DATA		APPROVALS		DATE		DESIGN DATA	
		DRAWN BY: ---					
		DESIGN BY: ---					
		CHECKED BY: ---					
		APPROVED BY: ---					

20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW



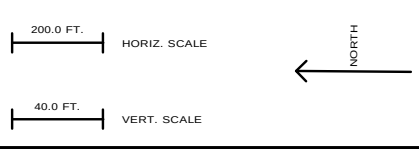
REVISIONS				
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M	V19: REVISED STR 351-P LOCATION	GMD	GMD	11/09/15
L	V18: REVISED PER FIELD REVIEW	GMD	GMD	09/18/15
K	V17: REVISED PER FIELD REVIEW	GMD	GMD	08/28/15
REV	DESCRIPTION	DWN	DGN	CHK

APPROVALS	
DRAWN BY: ---	
DESIGN BY: ---	
CHECKED BY: ---	
APPROVED BY: ---	

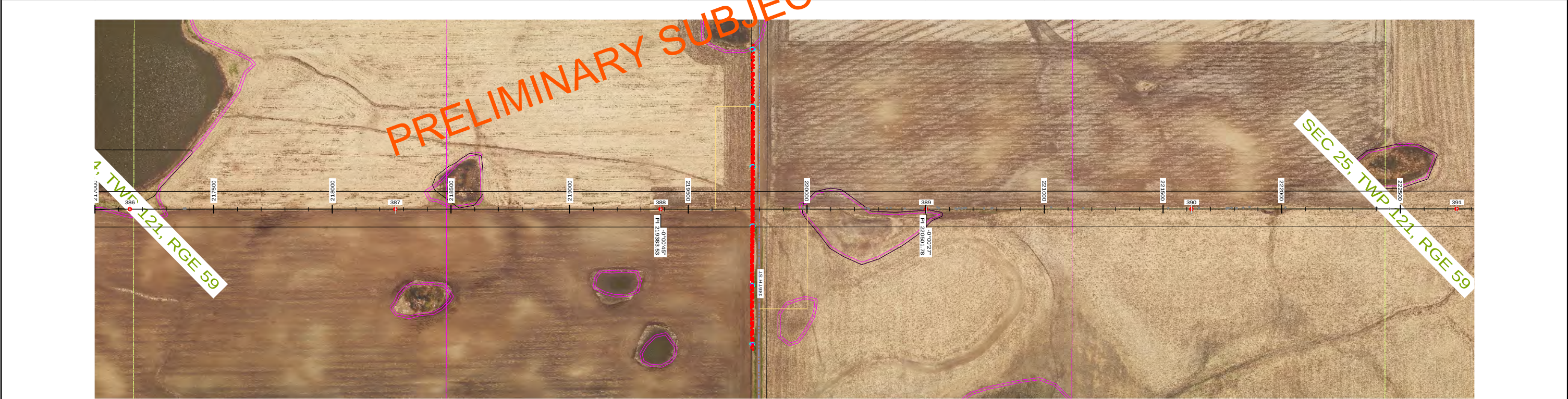
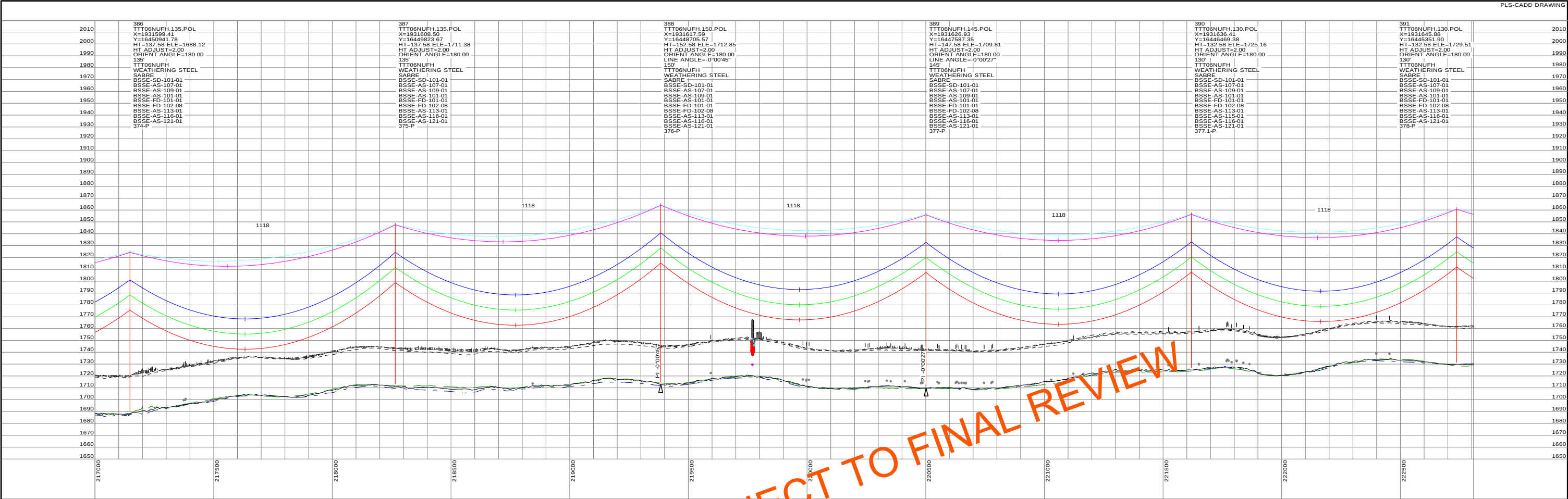
DATE	
05/05/16	
02/18/16	
11/09/15	
09/18/15	
08/28/15	

BSS+E
Big Stone South to Ellendale

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

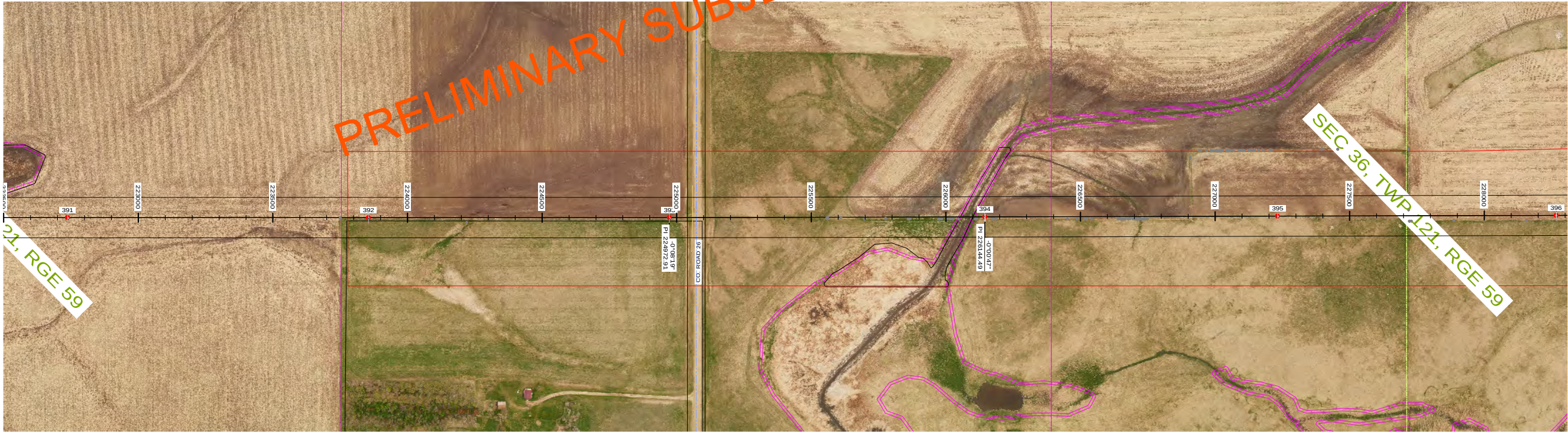
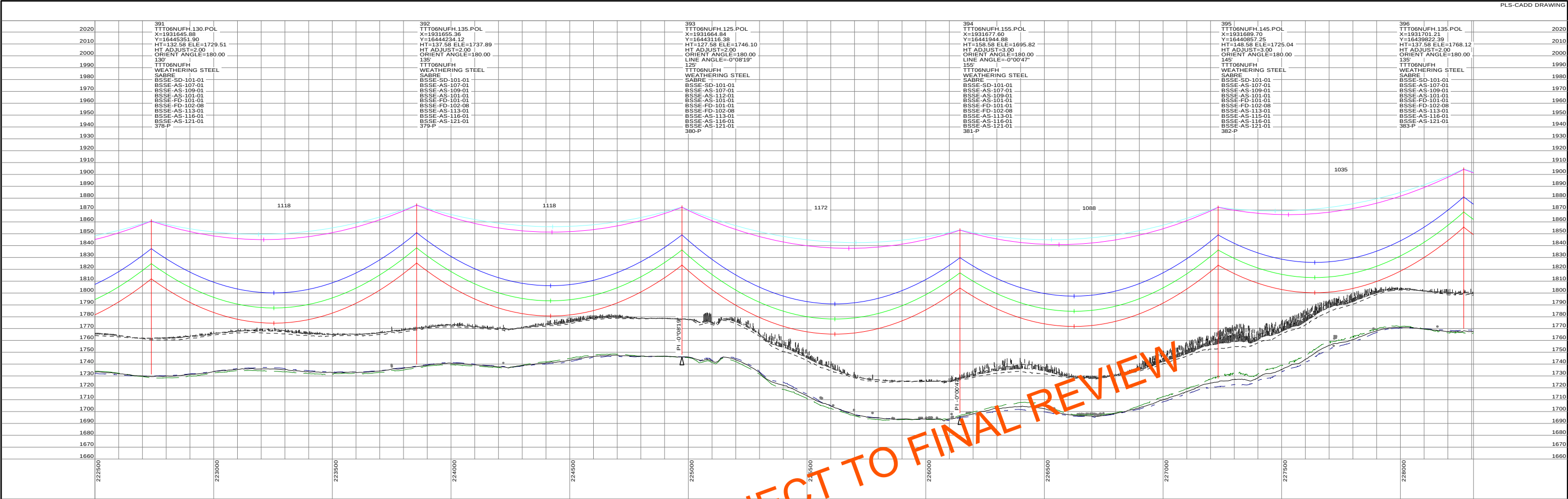


DWG. NO.
BSSE-PP-102-47
REVISION: O
136508



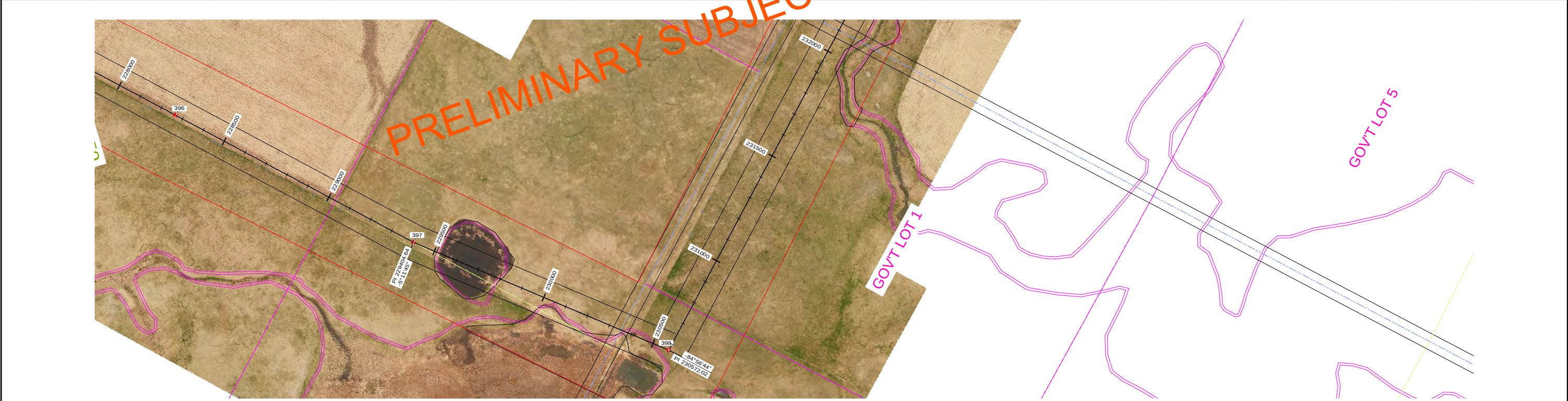
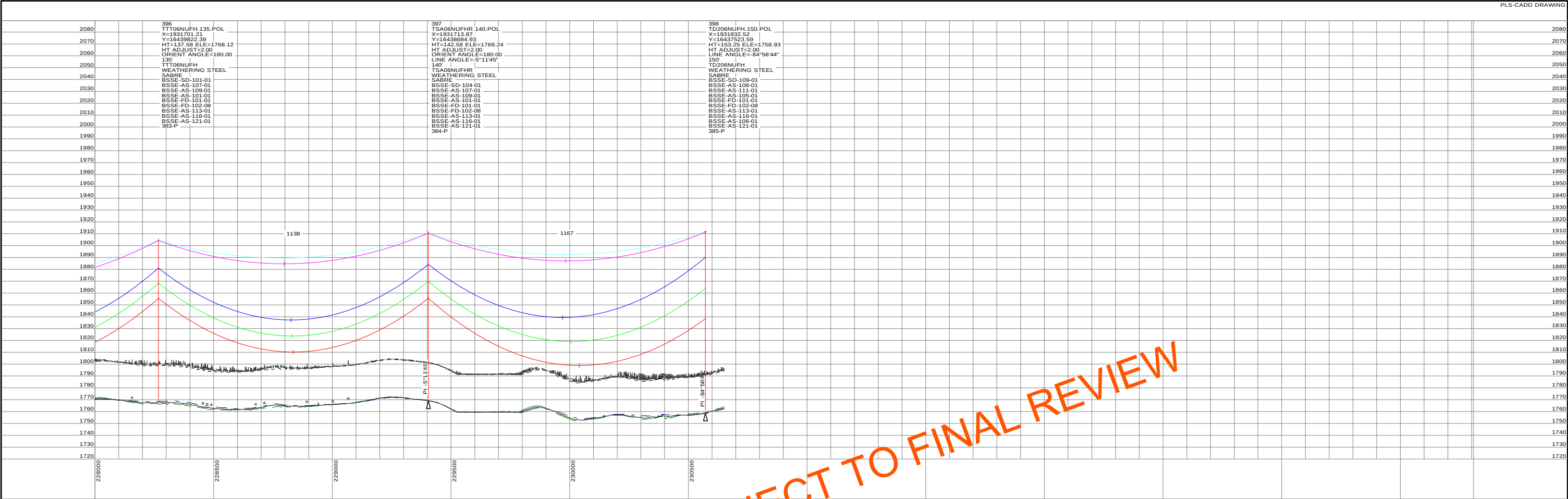
STRS: 386 - 391

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	  NORTH	DWG. NO. BSSE-PP-102-48 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---					CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---					
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---					
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---					
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE						
BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE													



STRS: 391 - 396

20160505 PRELIMINARY SUBJECT TO FINAL REVIEW		REVISIONS					APPROVALS	DATE	DESIGN DATA	 Big Stone South to Ellendale	 200.0 FT. HORIZ. SCALE 40.0 FT. VERT. SCALE ← NORTH	DWG. NO. BSSE-PP-102-49 REVISION: O 136508	
		O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---					CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523
		N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---					DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
		M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---					DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP
		L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---					GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT
		K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15						
		REV	DESCRIPTION	DWN	DGN	CHK	DATE						
BIG STONE SOUTH - ELLENDALE 345 KV TRANSMISSION LINE													



20160505
PRELIMINARY
SUBJECT TO
FINAL REVIEW

REVISIONS					APPROVALS		DATE	DESIGN DATA
O	V21: REVISED PER REVIEW	GMD	GMD		05/05/16	DRAWN BY: ---	CONDUCTOR: (2X) 477 KCMIL 26/7 TP HAWK ACSR DESIGN TENSION: 18% @ 0 F, CREEP SHIELD WIRE: 1-3/8" 7 STRAND EHS STEEL DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP OPGW: 1-DN0-10523 DESIGN TENSION: 75% SAG MATCH @ 60 F CREEP GROUND CLEARANCE LINE: 30 FT COORDINATE SYSTEM: UTM ZONE 14N, US FT	
N	V20: ISSUED FOR ELECTRICAL BID	GMD	GMD	DJF	02/18/16	DESIGN BY: ---		
M	V19: REVISED STR 351-P LOCATION	GMD	GMD		11/09/15	CHECKED BY: ---		
L	V18: REVISED PER FIELD REVIEW	GMD	GMD		09/18/15	APPROVED BY: ---		
K	V17: REVISED PER FIELD REVIEW	GMD	GMD		08/28/15			
REV	DESCRIPTION	DWN	DGN	CHK	DATE			

BIG STONE SOUTH - ELLENDALE
345 KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

STRS: 396 - 398

DWG. NO.
BSSE-PP-102-50
REVISION: O
136508