

**Legal Department** 

American Electric Power 1 Riverside Plaza Columbus, OH 43215-2373 AEP.com

April 3, 2024

Ms. Tanowa Troupe, Secretary Ohio Power Siting Board 180 East Broad Street Columbus, Ohio 43215-3793

Hector Garcia Senior Counsel – Regulatory Services (614) 716-3410 (P) hgarcia1@aep.com

### RE: Proof of Compliance with Condition Case No. 18-0031-EL-BTX, 19-2124-EL-BTA, 23-0492-EL-BTA Second Amendment to the Pine Ridge-Heppner 138 kV Transmission Line Project

Dear Ms. Troupe:

In satisfaction of Condition (3) of the Staff Report for the original filing (Case No. 18-0031-EL-BTX), AEP Ohio Transmission Company, Inc. submits this notice and attachment to inform you that the final drawings have been completed for the above-referenced Project.

If you have any questions regarding this information, please do not hesitate to contact me.

Respectfully submitted,

/s/ Hector Garcia

Hector Garcia (0084517), Counsel of Record Counsel for AEP Ohio Transmission Company, Inc.

cc: John Jones, Counsel OPSB Staff Jon Pawley, OPSB Staff

## Section 16. Plan and Profile Package



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**REVISION DESCRIPTION** DATE BY REV A ISSUED FOR BID 1/10/2024 MESA THIS AND FROM

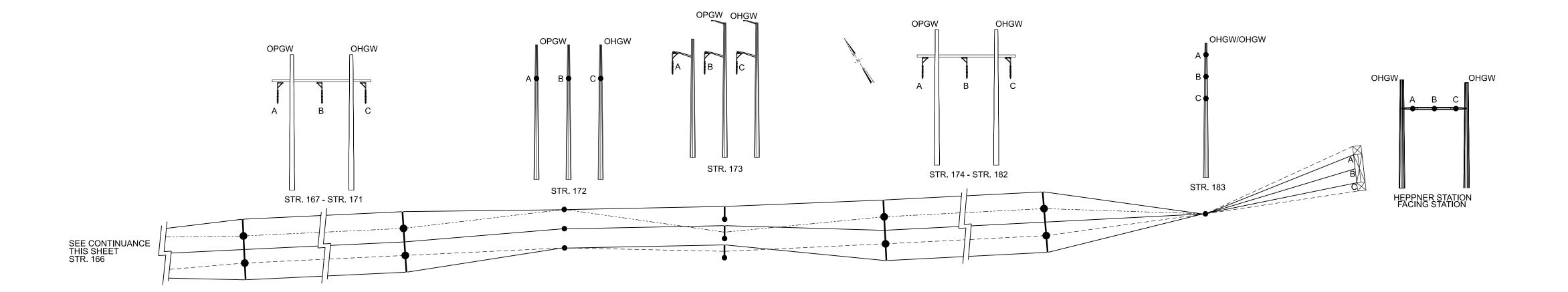
# GENERAL INFORMATION SHEET

	Ι	<u> </u>
LINE DATA TABLE		
LENGTH OF LINE: 18,375 FEET, 3.5 MILES OVERHEAD SHIELD WIRE AND/OR OVERHEAD COMMUNICATION WIRE		
STRUCTURE RANGE     WIRE LOCATION     SIZE     NESC HEAVY LOADING     RULING SPAN (FT)     DISPLAY TEMP (°F)     OWNER     EQUIPMENT NUMBER		
160 TO 162         LEFT         (1) DNO-12739 WITH 144 FIBERS         6260         667         0°         AEP OHIO TRANSCO         TLN380:OH155           160 TO 162         RIGHT         (1) 7#10 ALUMOWELD         3100         667         0°         AEP OHIO TRANSCO         TLN380:OH155		
162 TO 164         LEFT         (1) DNO-12739 WITH 144 FIBERS         7280         1165         0°         AEP OHIO TRANSCO         TLN380:OH155           162 TO 164         RIGHT         (1) 7#10 ALUMOWELD         3910         1168         0°         AEP OHIO TRANSCO         TLN380:OH155		
164 TO 165         LEFT         (1) DNO-12739 WITH 144 FIBERS         4950         248         0°         AEP OHIO TRANSCO         TLN380:OH155           164 TO 165         RIGHT         (1) 7#10 ALUMOWELD         2070         251         0°         AEP OHIO TRANSCO         TLN380:OH155           165 TO 165         RIGHT         (1) 7#10 ALUMOWELD         2070         251         0°         AEP OHIO TRANSCO         TLN380:OH155		
165 TO 166         LEFT         (1) DNO-12739 WITH 144 FIBERS         7790         1817         0°         AEP OHIO TRANSCO         TLN380:OH155           165 TO 166         RIGHT         (1) 7#8 ALUMOWELD         5230         1817         0°         AEP OHIO TRANSCO         TLN380:OH155           166 TO 172         LEFT         (1) DNO-12739 WITH 144 FIBERS         7280         884         0°         AEP OHIO TRANSCO         TLN380:OH155		
166 TO 172         RIGHT         (1) 7#10 ALUMOWELD         3540         883         0°         AEP OHIO TRANSCO         TLN380:OH155           172 TO 183         LEFT         (1) DNO-12739 WITH 144 FIBERS         7280         905         0°         AEP OHIO TRANSCO         TLN380:OH155		
172 TO 183         RIGHT         (1) 7#10 ALUMOWELD         3650         905         0°         AEP OHIO TRANSCO         TLN380:OH155           183 TO HEPPNER STATION         LEFT         (1) 7#10 ALUMOWELD         1210         207         0°         AEP OHIO TRANSCO         TLN380:OH155		
183 TO HEPPNER STATION       RIGHT       (1) 7#10 ALUMOWELD       1330       221       0°       AEP OHIO TRANSCO TLN380:OH155         OVERHEAD CONDUCTORS		
STRUCTURE RANGE     CIRCUIT LOCATION     SIZE     NESC HEAVY LOADING     RULING SPAN     MOT (°F)     OWNER     EQUIPMENT NUMBER       160 TO 162     (3) 1033.5 KCMIL ACSR 54/7 CURLEW     11240     666     302°     AEP OHIO TRANSCO     TLN380:OH155		
160 102         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         11240         000         302         ALL OTIO TRANSCO         TENDOLOTIOS           162 TO 164         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         11060         1166         302°         AEP OHIO TRANSCO         TLN380:OH155           164 TO 165         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         9340         249         302°         AEP OHIO TRANSCO         TLN380:OH155		
165 TO 166         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         10720         1819         302°         AEP OHIO TRANSCO         TLN380:OH155           166 TO 172         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         10970         883         302°         AEP OHIO TRANSCO         TLN380:OH155		
172 TO 183         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         11020         905         302°         AEP OHIO TRANSCO         TLN380:OH155           183 TO HEPPNER STATION         (3) 1033.5 KCMIL ACSR 54/7 CURLEW         3930         214         302°         AEP OHIO TRANSCO         TLN380:OH155		
REFER TO P&P FOR STRUCTURE OWNERSHIP		
GENERAL NOTES		
ORDINATE SYSTEM: D83 STATE PLANE, OHIO SOUTH NAD83:3402 (US FEET)		
LITY PROTECTION SERVICE:		
NTACT THE UTILITIES PROTECTION SERVICE, 8-1-1 AT LEAST 48 HOURS BUT NO MORE AN 10 WORKING DAYS (EXCLUDING WEEKENDS AND LEGAL HOLIDAYS) BEFORE GINNING ANY DIGGING PROJECT.		
S SYMBOL WILL BE SHOWN AT THE TOP OF THE SHEET BELOW THE CONDUCTOR INFORMATION O WILL INDICATE WHICH SECTIONS AND CONDUCTOR SPANS EXCEED 100 FEET CLEARANCE		
OWILL INDICATE WHICH SECTIONS AND CONDUCTOR SPANS EXCEED 100 FEET CLEARANCE OM THE MOT CURVE TO THE HIGH SIDE HILL OR TO THE PROFILE WHEN THERE IS NO SIDE HILL.		
SUPPLEMENTAL INFORMATION		
SUPPLEMENTAL INFORMATION		
STRUCTURE SPLICE BOX ANTENNA LOCATION OWNER		
LOCATION     LOCATION       (AHEAD SPAN)       166     X		
100     X     ALL OTHO TRANSCO       172     X     AEP OHIO TRANSCO       183     X     AEP OHIO TRANSCO		
		ISSUE FOR BID. PR
		INFORMAT
ENG BY: MJS CHKD BY: MJS		"THIS DRAWING IS THE PROPERTY OF AMERICAN ELECTRIC POWER AND IS LOANED UPON CONDITION THAT IT IS NOT TO BE COPIED OR REPRODUCED. IN WHOLE OR IN PART, OR USED INFORMATION TO ANY PERSON WITHOUT THE WRITTEN CONSENT OF AMERICAN ELECTRIC POWER, OR FOR ANY PURPOSE DETRIMENTAL TO THEIR INTEREST, AND IS TO BE RETURNED
AMERICAN         ENCINEERS AND CONSULTATES, INC.         ENCINEERS AND CONSULTATES         ENCINEERS         ENCINEERS		ROSS - HEPPNER 138KV LINE
REGISTRATION No.: 01692 DATE: 10/17/2023 R/W MAP N/A		(PINE RIDGE - HEPPNER) LEGEND, LINE DATA TABLE, GENERAL NOTES, & SUPPLEMENTAL INFO.

REV	REVISION DESCRIPTION	DATE	BY
А	ISSUED FOR BID	1/10/2024	MESA

CONDUCTOR

XX = SHIELD (SW/OPGW)
X = CONDUCTOR PHASING (A,B, C)
REGULAR SHIELD
OPGW



SEE CONTINUANCE OTHER (TBD) SHEET STR. 161 STR. 160

OPGW/OHGW

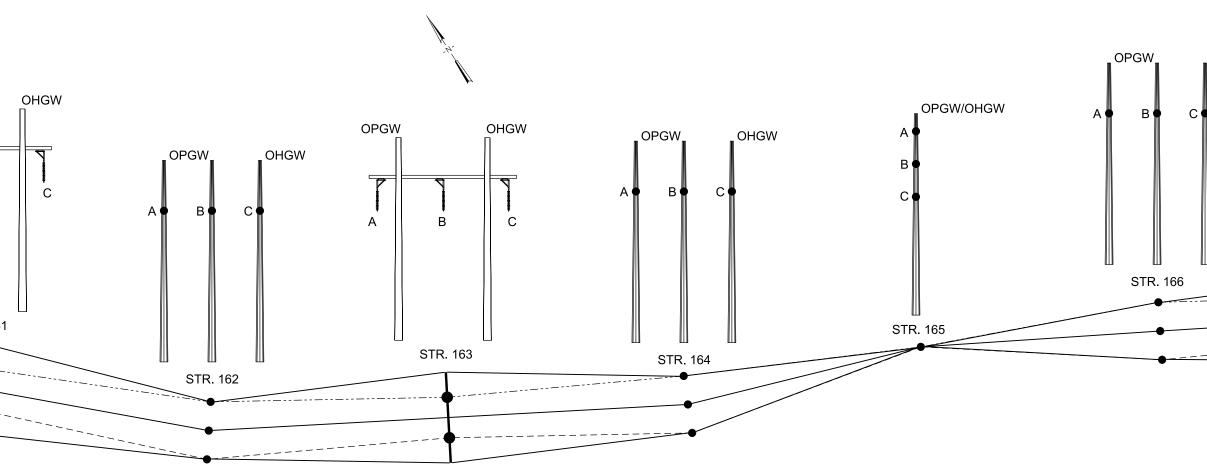
OPGW

# **GENERAL INFORMATION SHEET**

PHASING DIAGRAM

## PHASING TO BE VERIFIED BY FIELD PERSONNEL

- NOTES: 1. THE PHASING DIAGRAM IS ORIENTED LOOKING AHEAD TOWARDS INCREASING STRUCTURE NUMBERS UNLESS OTHERWISE NOTED. 2. PHASING SHOWN APPLIES ONLY TO AEP FACILITIES. 3. OWNERSHIP IS NOT REFLECTED IN THIS DIAGRAM.

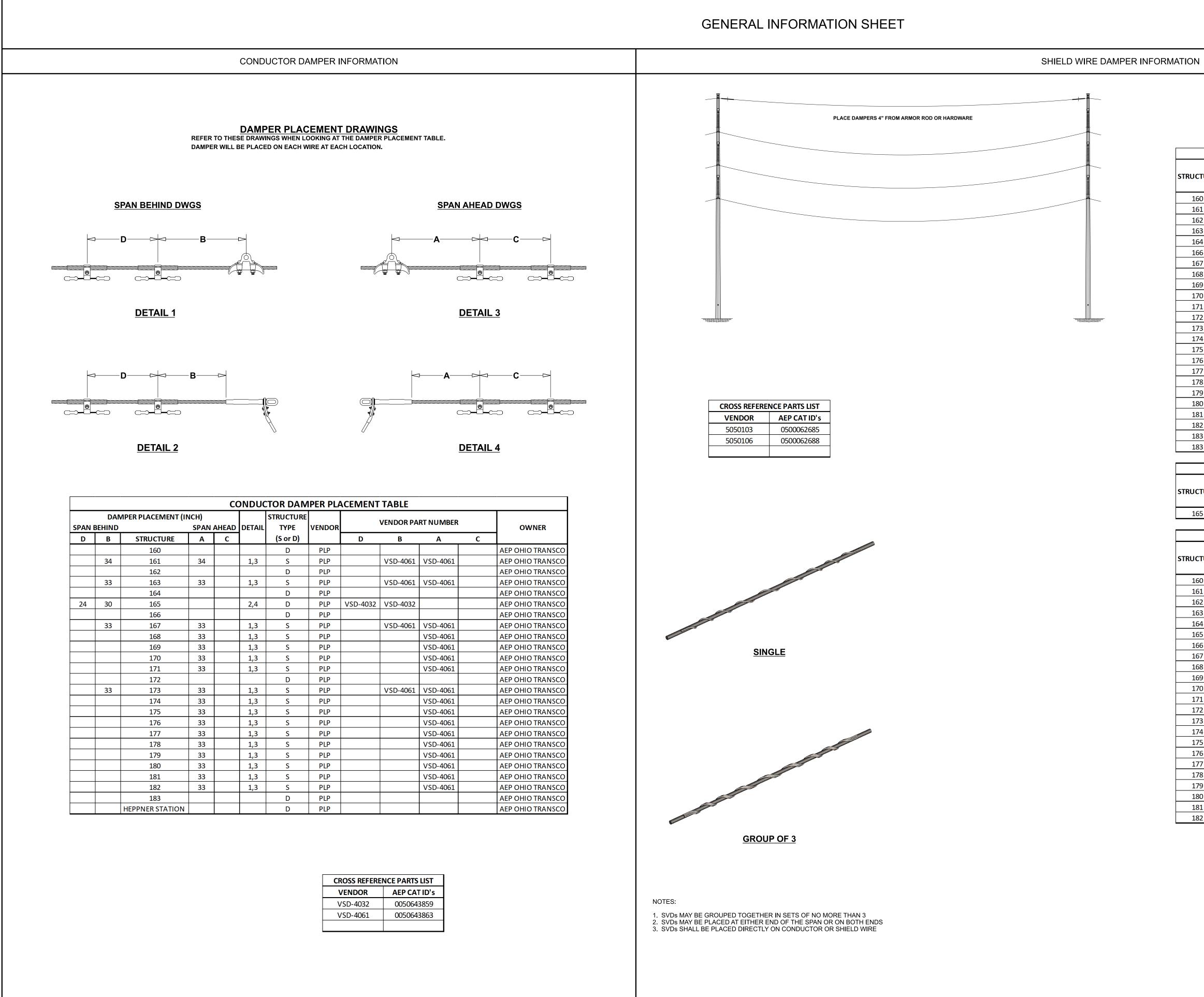


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	EQUIP: TLN380:OH1	155
AMERICAN ELECTRIC AND CONSULTANTS ELECTRIC DUMARATISTIC CONSULTANTS ENGINEERS AND CONSULTANTS EN	DWG: 0H155S02	Poetz At:
(PINE RIDGE - HEPPNER)		d By: ap
REGISTRATION No.: 01692     DATE: 10/17/2023     N/A     PHASING DIAGRAM	SHEET: 2D REV:	Plotte

OHGW	
 	SEE CONTINUANCE THIS SHEET STR. 167

# ISSUE FOR BID. PRELIMINARY INFORMATION

File Path: J:\AEP\\_Projects\22890035-Ross-Heppner 138kV Rebuild\2-Engineering\Pine Ridge - Heppner\2 - Drawing Package\Section 16 - Plan and Profile\General Information Sheets\MicroStation\OH155S02D.dgn



DAMPER PLACEMENT (INCH)					STRUCTURE		VENDOR PART NUMBER					
SPAN	BEHIND	1	SPAN	AHEAD	DETAIL		VENDOR					OWNER
D	В	STRUCTURE	Α	С		(S or D)		D	В	Α	С	
		160				D	PLP					AEP OHIO TRANSO
	34	161	34		1,3	S	PLP		VSD-4061	VSD-4061		AEP OHIO TRANSC
		162				D	PLP					AEP OHIO TRANSC
	33	163	33		1,3	S	PLP		VSD-4061	VSD-4061		AEP OHIO TRANSC
		164				D	PLP					AEP OHIO TRANSC
24	30	165			2,4	D	PLP	VSD-4032	VSD-4032			AEP OHIO TRANSC
		166				D	PLP					AEP OHIO TRANSC
	33	167	33		1,3	S	PLP		VSD-4061	VSD-4061		AEP OHIO TRANSC
		168	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		169	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		170	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		171	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		172				D	PLP					AEP OHIO TRANSC
	33	173	33		1,3	S	PLP		VSD-4061	VSD-4061		AEP OHIO TRANSC
		174	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		175	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		176	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		177	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		178	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		179	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		180	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		181	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		182	33		1,3	S	PLP			VSD-4061		AEP OHIO TRANSC
		183				D	PLP					AEP OHIO TRANSC
		HEPPNER STATION				D	PLP					AEP OHIO TRANSC

CROSS REFERENCE PARTS LIST								
VENDOR	AEP CAT ID's							
VSD-4032	0050643859							
VSD-4061	0050643863							

REV	REVISION DESCRIPTION	DATE	BY
A	ISSUED FOR BID	1/10/2024	MESA

AMERICAN
ELECTRIC
 <b>POWER</b> <sup>®</sup>

MESA ASSOCIATES, INC.	ENG BY:	MJS	CHKD BY:	MJS	"THIS DRAWING IS THE PROPERTY OF AME INFORMATION TO ANY PERSON WITHOUT T
ENGINEERS AND CONSULTANTS E29 MARKET STREET, STE 200 CHATTANOOGA, TN 37402 (423) 424-7300	DRN BY:	ARP	APP BY:	WGF	
REGISTRATION No.: 01692	DATE: 10/1	7/2023	R/W MAP	N/A	CONDUCT

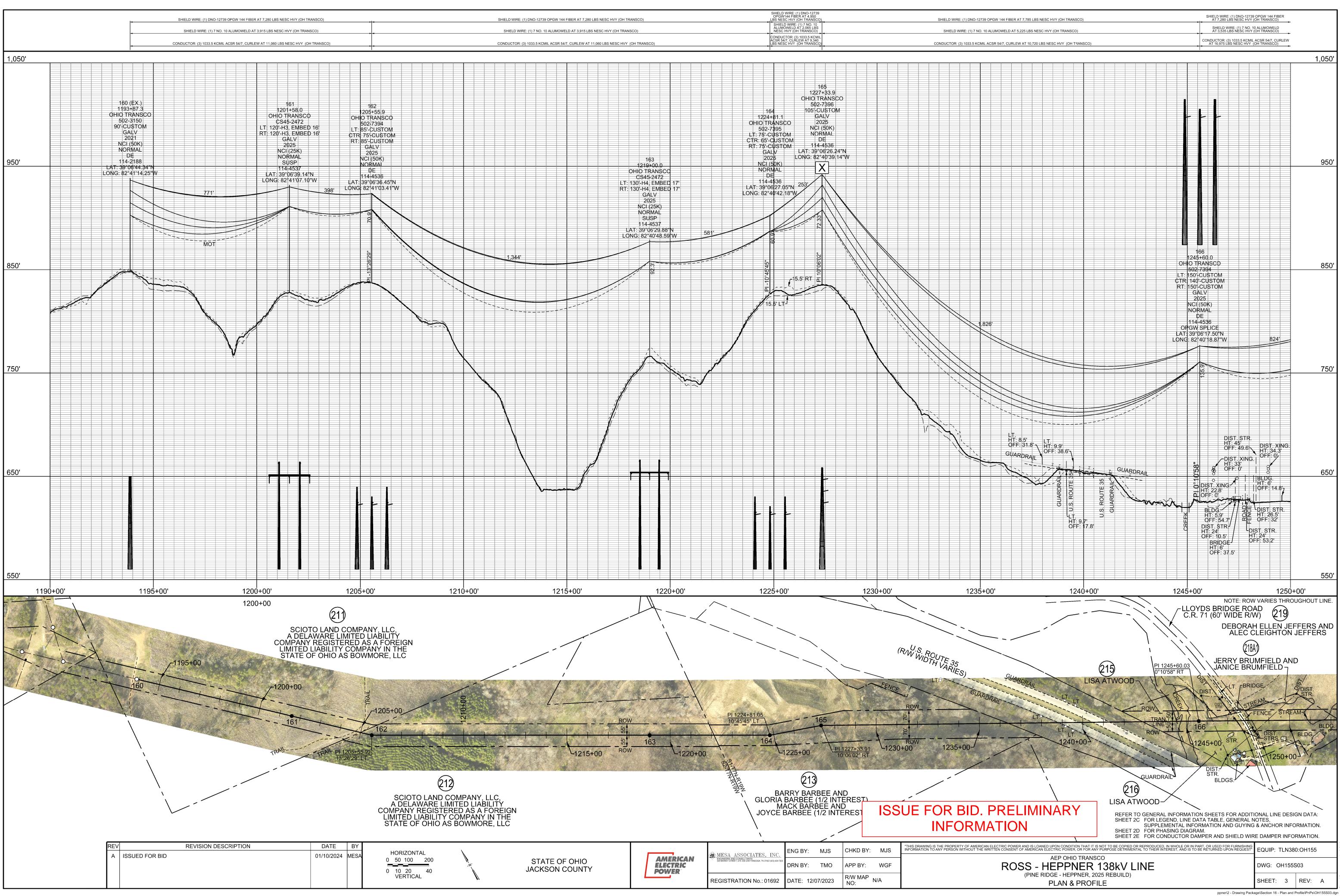
	HI MASS SPIRAL VIBRATION DAMPER TABLE (7#10 ALUMOWELD)								
		QUANTITY		VENDOR					
STRUCTURE	LOCATION	IN AHEAD	VENDOR	PART	OWNER				
		SPAN		NUMBER					
160	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
161	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
162	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
163	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
164	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
166	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
167	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
168	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
169	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
170	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
171	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
172	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
173	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
174	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
175	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
176	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
177	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
178	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
179	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
180	2 SVD ON AHEAD SPAN (RIGHT)	2	PLP	5050103	AEP OHIO TRANSCO				
181	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
182	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				
183	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050103	AEP OHIO TRANSCO				
183	1 SVD ON AHEAD SPAN (RIGHT)	1	PLP	5050103	AEP OHIO TRANSCO				

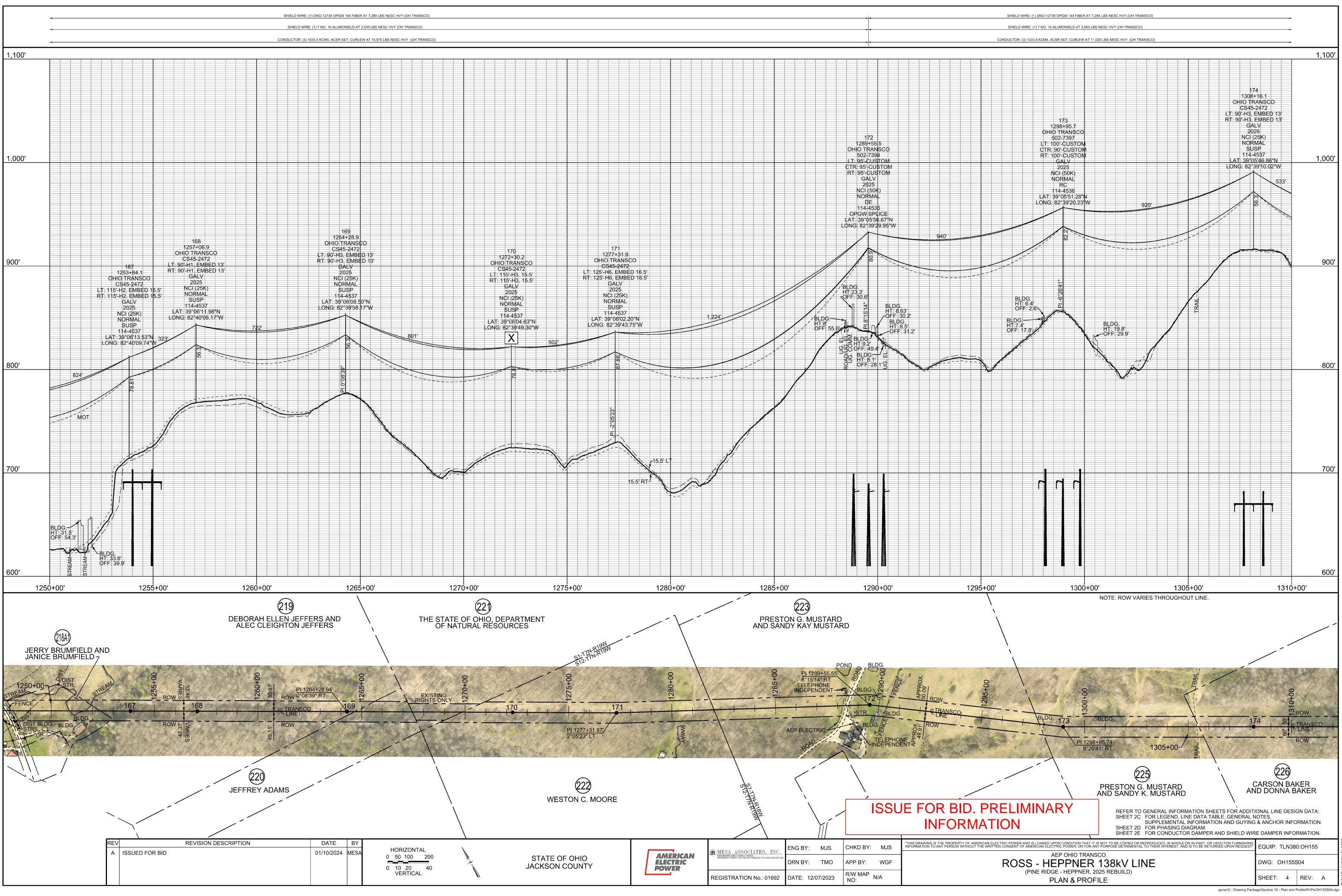
HI MASS SPIRAL VIBRATION DAMPER TABLE (7#10 ALUMOWELD)									
		QUANTITY		VENDOR					
STRUCTURE	LOCATION	IN AHEAD	VENDOR	PART	OWNER				
		SPAN		NUMBER					
165	3 SVD ON AHEAD SPAN (RIGHT)	3	PLP	5050103	AEP OHIO TRANSCO				

HI MASS SPIRAL VIBRATION DAMPER TABLE (DN0-12739 WITH 144 FIBERS)								
		QUANTITY		VENDOR				
STRUCTURE	LOCATION	IN AHEAD	VENDOR	PART	OWNER			
		SPAN		NUMBER				
160	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
161	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
162	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
163	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
<b>16</b> 4	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
165	3 SVD ON AHEAD SPAN (LEFT)	3	PLP	5050106	AEP OHIO TRANSCO			
166	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
167	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
168	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
169	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
170	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
171	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
172	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
173	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
174	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
175	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
176	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
177	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
178	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
179	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
180	2 SVD ON AHEAD SPAN (LEFT)	2	PLP	5050106	AEP OHIO TRANSCO			
181	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			
182	1 SVD ON AHEAD SPAN (LEFT)	1	PLP	5050106	AEP OHIO TRANSCO			

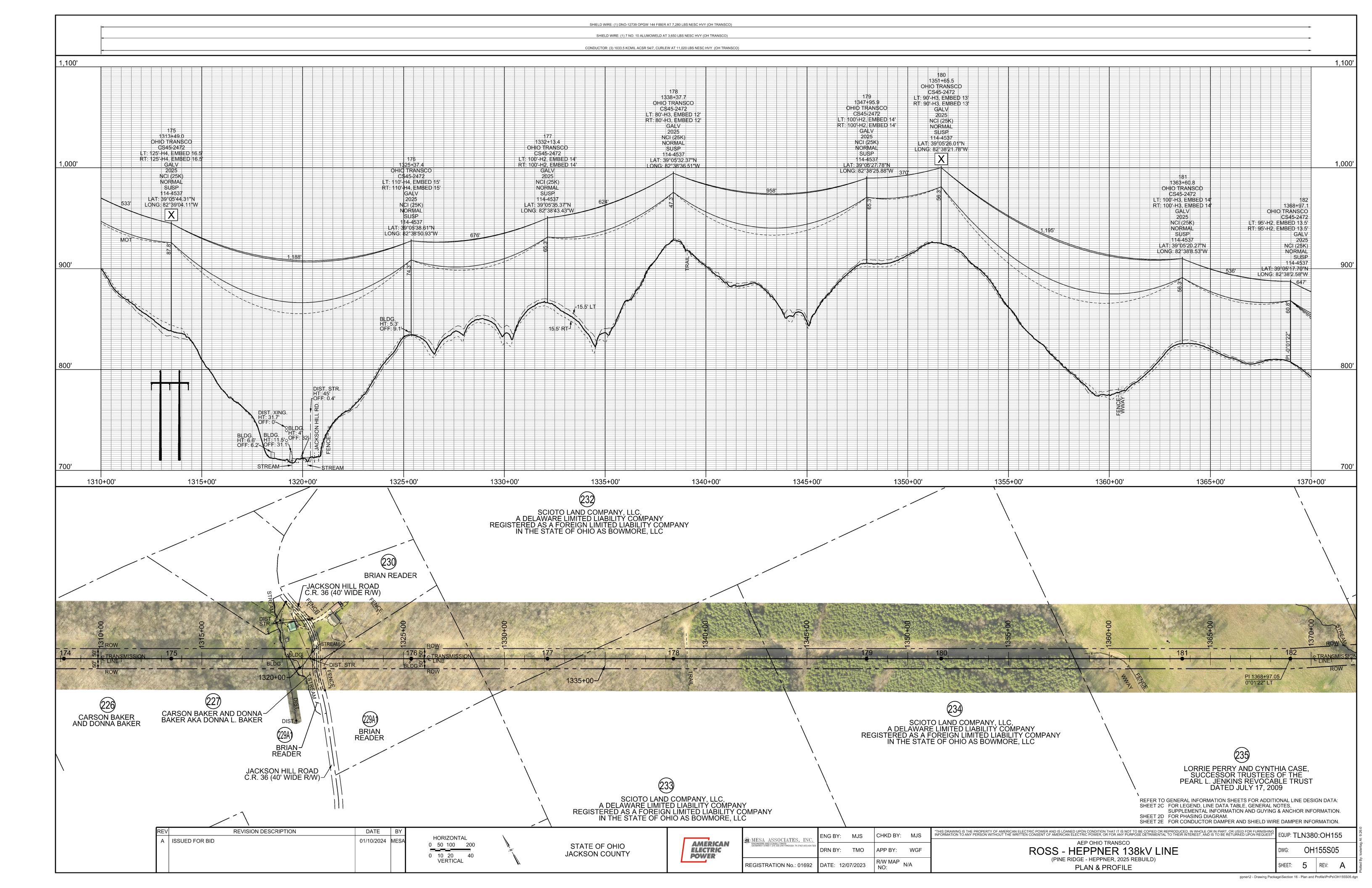
# ISSUE FOR BID. PRELIMINARY INFORMATION

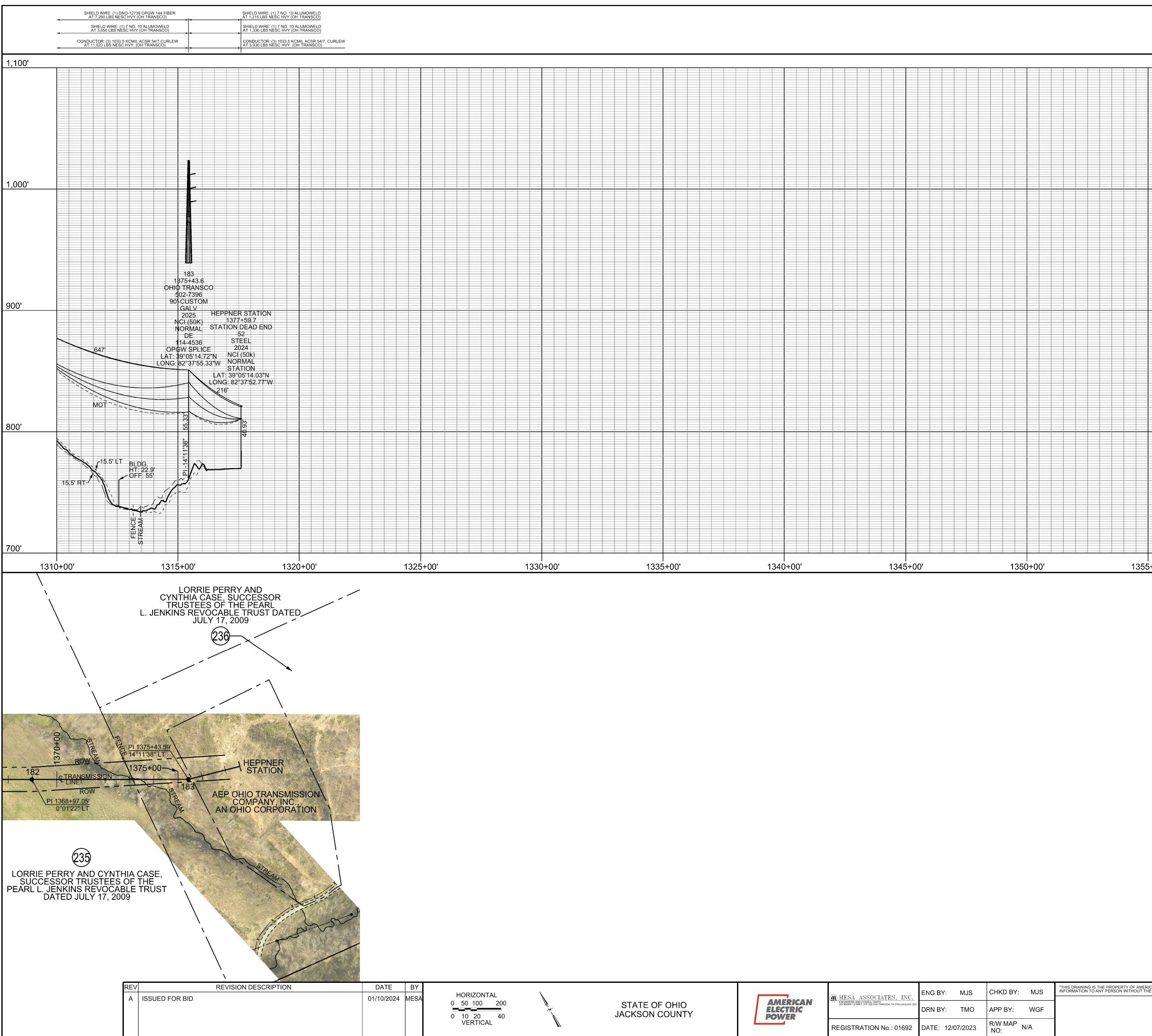
					A ۵
MERICAN ELECTRIC POWER AND IS LOANED UPON CONDITION THAT IT IS NOT TO BE COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR USED FOR FURNISHING THE WRITTEN CONSENT OF AMERICAN ELECTRIC POWER, OR FOR ANY PURPOSE DETRIMENTAL TO THEIR INTEREST, AND IS TO BE RETURNED UPON REQUEST"	EQUIP: T	LN380	):OH1	55	11.12.2
AEP OHIO TRANSCO					At
ROSS - HEPPNER 138KV LINE	DWG:	OH1	55S02	?E	aploetz
(PINE RIDGE - HEPPNER)		~-		•	By:
TOR DAMPER INFORMATION & SHIELD WIRE DAMPER INFORMATION	SHEET:	2E	REV:	A	Plottec
File Path: J:\AEP\_Projects\22890035-Ross-Heppner 138kV Rebuild\2-Engineering\Pine Ridge - Heppner\2 - Drawing Package\Section 16 - Plan and Profile\Ger	eral Information	on Sheets\Mi	croStation\O	-1155S02E.do	gn





ted By: tostert





		ENG BY:	MJS	CHKD BY:	MJS	"THIS DRAWING IS THE PROPERTY OF AMERICAN ELECTRIC POWER AND IS LOANED UPON CONDITION THAT IT IS NOT TO BE COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO ANY PERSON WITHOUT THE WRITTEN CONSENT OF AMERICAN ELECTRIC POWER, OR FOR ANY PURPOSE DETRIMENTAL TO THEIR INTEREST, AND IS TO BE RETURNED UPON REQUEST"	Equip: T	LN380	):OH15	5	t: 9:39:3
AN C	MESA ASSOCIATES, INC. ENGINEERS AND CONSULTANTS 529 MARKET STREET, STE 200 CHATTANOGGA, TN 37402 (423) 424-7300	DRN BY:	ТМО	APP BY:	WGF	AEP OHIO TRANSCO ROSS - HEPPNER 138kV LINE	DWG:	OH	155S06	6	tostertag A
	REGISTRATION No.: 01692	DATE: 12/	07/2023	R/W MAP NO:	N/A	(PINE RIDGE - HEPPNER, 2025 REBUILD) PLAN & PROFILE	SHEET:	6	REV:	А	Plotted By:

		4 400
		1,100'
		1,000'
		900'
		0001
		800'
		7001
55+00' 1360+00' 1365+00'	1370+0	700' 0'

REFER TO GENERAL INFORMATION SHEETS FOR ADDITIONAL LINE DESIGN DATA: SHEET 2C FOR LEGEND, LINE DATA TABLE, GENERAL NOTES, SUPPLEMENTAL INFORMATION AND GUYING & ANCHOR INFORMATION. SHEET 2D FOR PHASING DIAGRAM. SHEET 2E FOR CONDUCTOR DAMPER AND SHIELD WIRE DAMPER INFORMATION.

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Commission of Ohio Docketing Information System on

4/3/2024 4:01:52 PM

in

### Case No(s). 18-0031-EL-BTX, 19-2124-EL-BTA, 23-0492-EL-BTA

Summary: Correspondence Proof of Compliance with Condition (3). electronically filed by Hector Garcia-Santana on behalf of AEP Ohio Transmission Company, Inc..