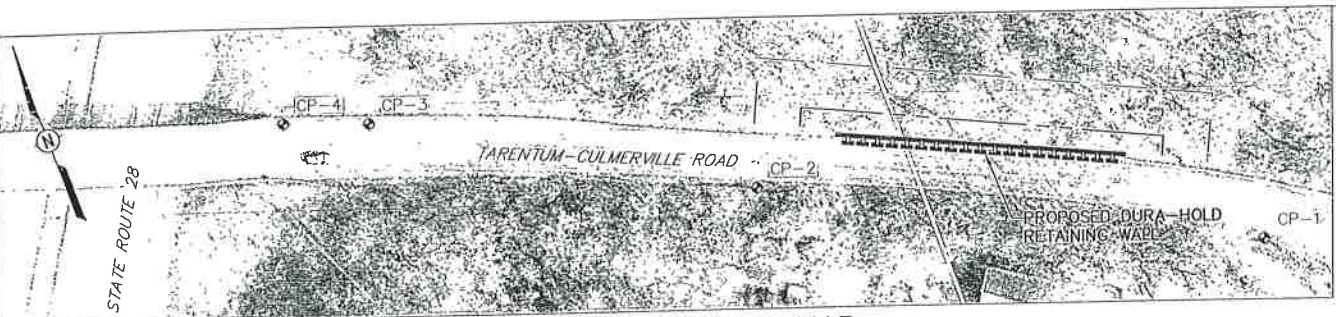


EXHIBIT A

R:\2017\175089A - Tarentum-Culmerville Road Schematic Drawings (Easement)\VOR Drawing Tarentum Culmerville Rwa.dwg 10/23/2017 8:07 AM



SURVEY REFERENCE MAP

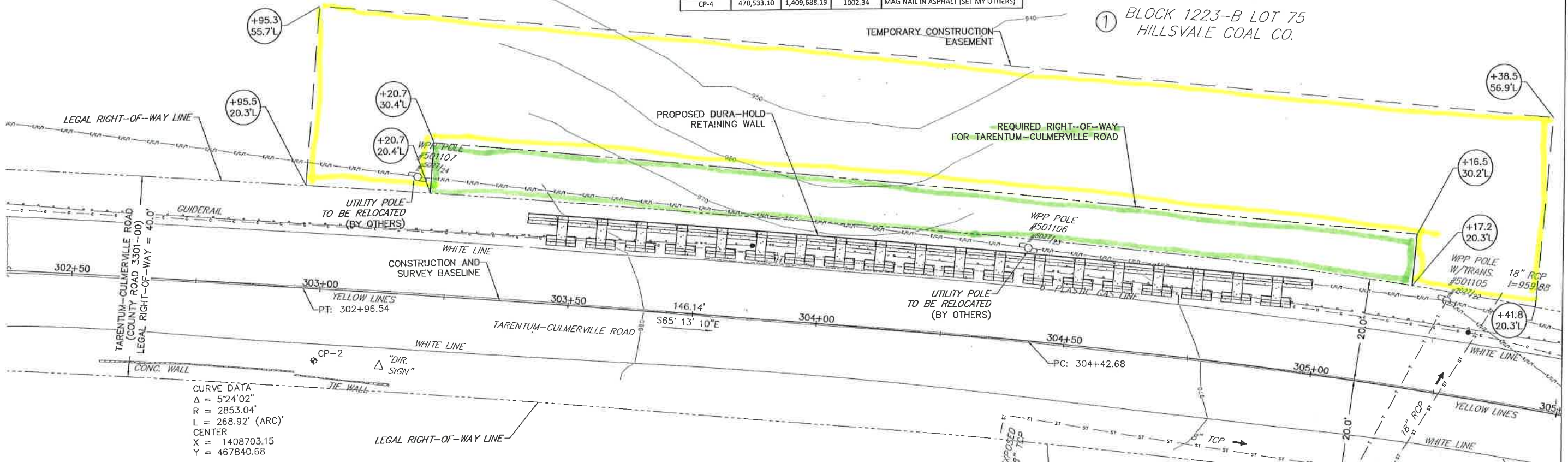


REQUIRED RIGHT-OF-WAY FOR TARENTUM-CULMERVILLE ROAD:
RIGHT-OF-WAY ACQUIRED FOR THE BENEFIT OF ALLEGHENY COUNTY FOR LOCAL HIGHWAY PURPOSES. TITLE SHALL VEST IN ALLEGHENY COUNTY UPON ACQUISITION AND MAINTENANCE RESPONSIBILITY SHALL TRANSFER UPON THE COMPLETION OF THE CONSTRUCTION. THE STATION AND OFFSET VALUES INDICATING THE CORNERS OF REQUIRED RIGHT-OF-WAY ACQUISITION BOUNDARY ARE BASED OFF THE CONSTRUCTION AND SURVEY BASELINE.

TEMPORARY CONSTRUCTION EASEMENT:
AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED BY THE COUNTY. THE STATION AND OFFSET VALUES INDICATING THE CORNERS OF THE TEMPORARY CONSTRUCTION EASEMENT BOUNDARY ARE BASED OFF THE CONSTRUCTION AND SURVEY BASELINE.

PRIVATE PROPERTY LINES ARE PLOTTED FROM DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. THIS PLAN IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

SURVEY CONTROL POINTS				
POINT NAME	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)	DESCRIPTION
CP-1	470,281.35	1,410,166.64	961.07	HUB
CP-2	470,406.34	1,409,918.04	985.48	IRON PIN
CP-3	470,516.12	1,409,732.00	999.69	MAG NAIL IN ASPHALT
CP-4	470,533.10	1,409,688.19	1002.34	MAG NAIL IN ASPHALT [SET MY OTHERS]



CURVE DATA
 $\Delta = 5^{\circ}24'02''$
 $R = 2853.04'$
 $L = 268.92'$ (ARC)
 CENTER
 $X = 1408703.15$
 $Y = 467840.68$

CURVE DATA
 $\Delta = 7^{\circ}33'36''$
 $R = 1010.77'$
 $L = 133.37'$ (ARC)
 CENTER
 $X = 1409630.00$
 $Y = 469441.80$

- NOTES:**
- PLAN IS BASED ON A SURVEY THAT WAS COMPLETED BY KAG ENGINEERING, INC. ON 5/23/17 THROUGH 5/27/17. HORIZONTAL CONTROL IS TIED TO PENNSYLVANIA STATE PLANE SOUTH ZONE (NAD 1983). VERTICAL CONTROL IS BASED ON NAVD DATUM OF 1988.
 - THE LEGAL RIGHT-OF-WAY WITHIN THE PROJECT LIMITS IS 20' WIDE ON THE RIGHT OF THE CENTERLINE AND 20' SIDE ON THE LEFT OF THE CENTERLINE BASED ON THE COURT OF QUARTER SESSIONS OF ALLEGHENY COUNTY NO. 5 MARCH SESSIONS OF 1912. FINAL ORDER OF COURT FINAL ORDER OF COURT APRIL 20, 1912
 - SURVEY AND CONSTRUCTION BASELINE IS LOCATED ALONG THE CENTERLINE OF THE ROAD AND GENERALLY CORRESPONDS WITH THE ALLEGHENY COUNTY STRAIGHT LINE STATIONING FOR TARENTUM-CULMERVILLE ROAD.
 - STA. 302+96.54 (PT) IS LOCATED AT COORDINATES N: 470,420.72 E: 1,409,921.02.
 - EXISTING ITEMS IN *ITALIC* TEXT.

② BLOCK 1223-A LOT 200
 MATTHEW J. GOULD
 D.B.V. 16590 P. 393

RIGHT-OF-WAY CLAIM INFORMATION			
COUNTY OF ALLEGHENY			
BOROUGH OF TARENTUM, PENNSYLVANIA			
COUNTY ROAD	3301	SECT. NO.	00
PARCEL NO.	1	BLOCK & LOT NO.	1223-B-75
PROPERTY OWNER(S)	HILLSVALE COAL COMPANY		
GRANTOR(S)	KENNETH L. LEYDIC		
DEED BOOK	2129	S.F.	192,554
PAGE(S)	492-493	DEED CALCULATED	-
DATE OF DEED	09/13/1921	ADVERSES	-
DATE OF RECORD	11/04/1922	LEGAL RIGHT-OF-WAY	-
CONSIDERATION	\$800	TOTAL REQ. R/W	1,797
		TOTAL REQ. EASEMENT	6,727
		TOTAL RESIDUE	190,757
		RESIDUE LT.	-
		RESIDUE RT.	-
		VERIFICATION DATE	10-4-17

LEGEND	
—E/C/T—	OVERHEAD ELEC./TELEPHONE/CABLE LINE
—ST—	UNDERGROUND STORM SEWER
—G—	UNDERGROUND GAS LINE
—R—	PROPERTY BOUNDARY
—○—	GUIDE RAIL
—○—	UTILITY POLE [WEST PENN POWER]
—	TARENTUM-CULMERVILLE ROAD RIGHT-OF-WAY (EXISTING)
—	REQUIRED RIGHT-OF-WAY LINE
—	TEMPORARY CONSTRUCTION EASEMENT
#	PARCEL NUMBER - AFFECTED
⊕	PARCEL NUMBER - NOT AFFECTED

County of Allegheny
 Pittsburgh, Pennsylvania
 Department of Public Works

DRAWING AUTHORIZING ACQUISITION OF RIGHT-OF-WAY

TARENTUM-CULMERVILLE ROAD
 BOROUGH OF TARENTUM, PENNSYLVANIA
 PROJECT No. 3301-0003

DES: ZJS	DRW. BY: ZJS	CHK. BY: EPV	2783-R/W
DATE: 8/11/17	SCALE: AS SHOWN	SHEET 2 OF 2	