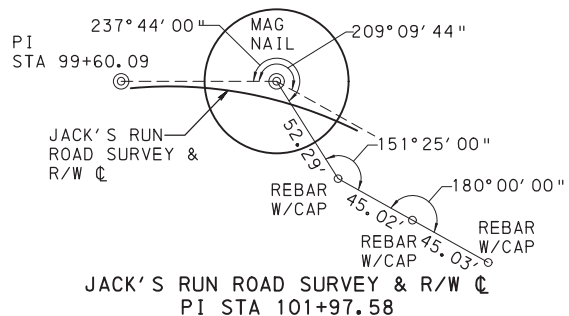
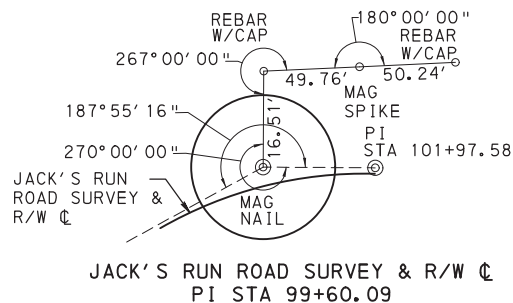
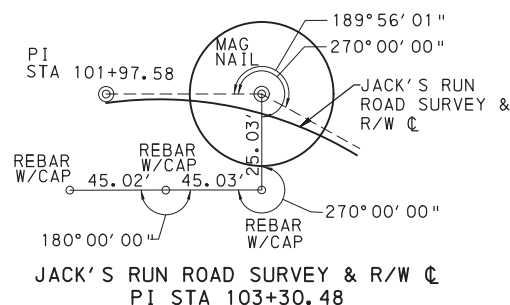


EXHIBIT A

BM #3 ELEV 850.29
 JACK'S RUN ROAD SURVEY & R/W C
 59' LT STA 99+21
 FLANGE BOLT X-CUT ON FIRE HYDRANT



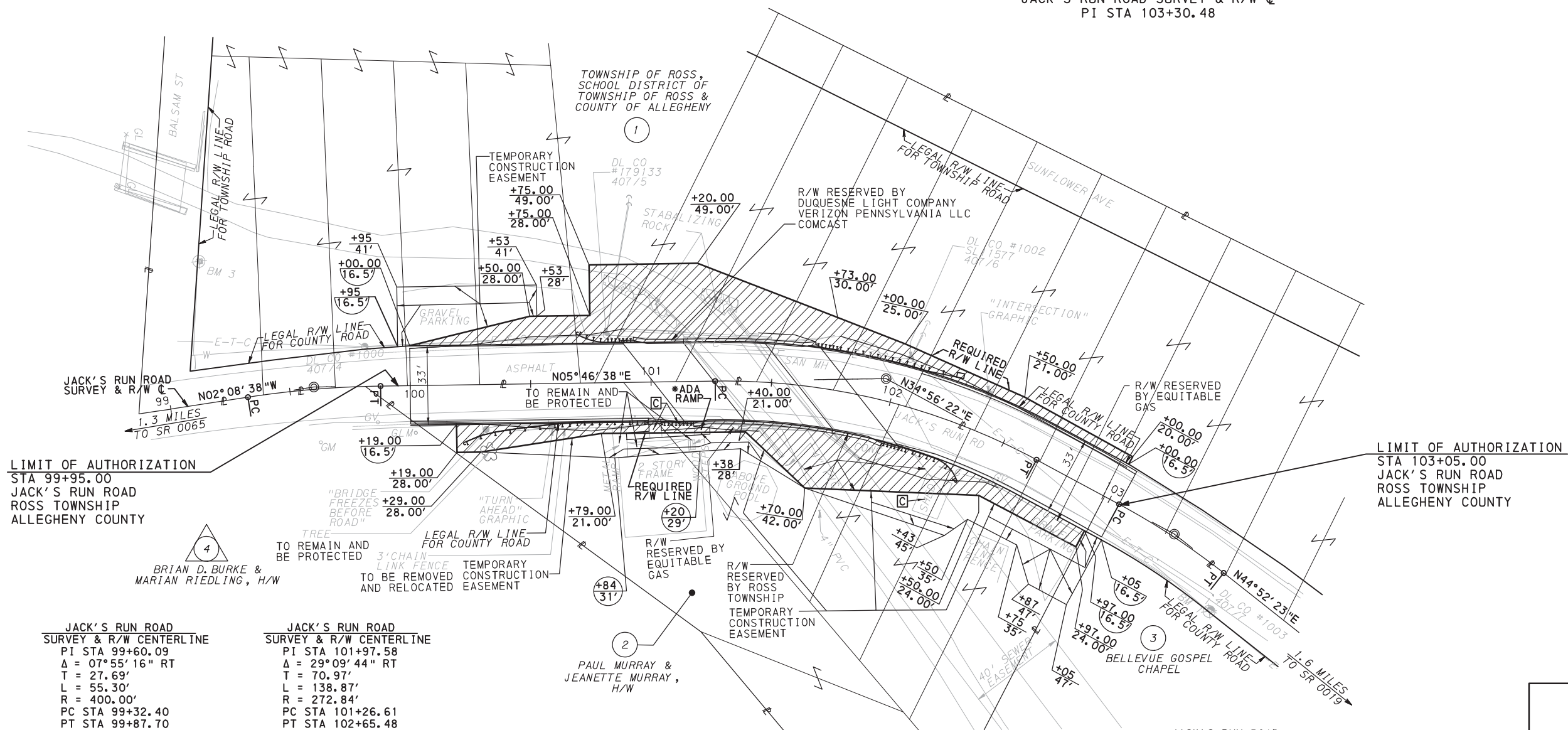
BM #1 ELEV 866.38
 JACK'S RUN ROAD SURVEY & R/W C
 16' RT STA 103+62
 8" SPIKE NAIL IN DLCO POLE #407/7



PROPOSED STRUCTURE DATA
 STA: 101+43.28
 TYPE: PRESTRESSED CONC SPREAD BOX BEAM
 SPAN: 1 SPAN @ 29.3'
 UNDERCLEARANCE: 6.67'
 SKEW: 53°29'03" BEAM 1-3
 40°25'36" BEAM 4
 ROADWAY WIDTH: 32.0'
 * STRUCTURE NO. 26130
 * RECOMMENDED
 (* - TO BE DETERMINED)

EXISTING STRUCTURE DATA
 STA: 101+43.28
 TYPE: PRESTRESSED CONC ADJACENT BOX BEAM
 SPAN: 1 SPAN @ 29.3'
 UNDERCLEARANCE: 5.5'
 SKEW: 53°58'00"
 CLEAR ROADWAY WIDTH: 35.5'

HYDRAULIC DATA
 DRAINAGE AREA = 1.17 SQ MI
DESIGN FLOOD:
 FREQUENCY = 10 YEARS
 MAGNITUDE = 380 CFS
 VELOCITY = 5.81 FPS
 ELEV = 852.13'
100 YEAR FLOOD RISK ASSESSMENT:
 MAGNITUDE = 1,039 CFS
 VELOCITY = 7.77 FPS
 ELEV = 854.47'



JACK'S RUN ROAD SURVEY & R/W CENTERLINE	JACK'S RUN ROAD SURVEY & R/W CENTERLINE
PI STA 99+60.09	PI STA 101+97.58
Δ = 07°55'16" RT	Δ = 29°09'44" RT
T = 27.69'	T = 70.97'
L = 55.30'	L = 138.87'
R = 400.00'	R = 272.84'
PC STA 99+32.40	PC STA 101+26.61
PT STA 99+87.70	PT STA 102+65.48

JACK'S RUN ROAD SURVEY & R/W CENTERLINE
PI STA 103+30.48
Δ = 09°56'01" RT
T = 26.07'
L = 52.01'
R = 300.00'
PC STA 103+04.41
PT STA 103+56.42

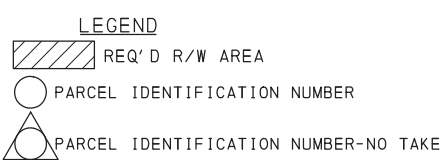
PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT.

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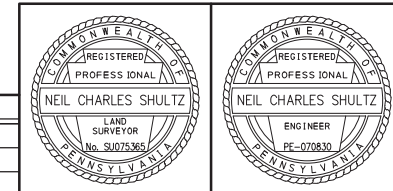
TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

BUILDINGS AND STRUCTURES MARKED [C] HAVE BEEN OR ARE TO BE REMOVED OR ALTERED BY THE DEPARTMENT OR OTHER AUTHORITY RESPONSIBLE FOR THE PAYMENT OF PROPERTY DAMAGES.

* ADA RAMP WILL BE OWNED AND MAINTAINED BY THE OWNERS OF PARCEL 2.



SURVEY BOOK NO 2503-1	
REFERENCE DRAWINGS	SHEET
SUMMARY OF PROJECT COORDINATES	3
JACK'S RUN ROAD PROFILE	5
CLAIM BLOCK INFORMATION	6



County of Allegheny
 Pittsburgh, Pennsylvania
 Department of Public Works

REVISIONS	
DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR REHABILITATION OF JACK'S RUN BRIDGE NO. 4 OVER JACK'S RUN IN ROSS TOWNSHIP ROADWAY PLAN PROJECT NO JA04-0109	
DRAWN BY: MDH	TRACED BY: MDH
CHECKED BY: NCS	SCALE: AS NOTED
DATE: 12/29/2017	SHEET 4 OF 7

26130-RW

12/29/2017
 3:45 PM
 H:\Survey\2503\2503-W0.1 and W0.3 Jacks Run No. 4 Bridge\Right-Of-Way\Deed.rtg | Plan_Sheet\2503-01_Plan01.dgn

* JACK'S RUN ROAD
 ** LOTS 108 THRU 130 ONLY. REMAINING LOTS ARE NON-CONTINGUOUS.
 (1) TOWNSHIP OF ROSS, SCHOOL DISTRICT OF TOWNSHIP OF ROSS & COUNTY OF ALLEGHENY

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA - DEPARTMENT OF TRANSPORTATION			
STATE RTE	* -	SEC NO	-
ROSS TOWNSHIP	ALLEGHENY COUNTY		
PARCEL NO	1	SHEET NO	4
CLAIM NO	-		
PROPERTY OWNER(S)	(1)		
GRANTOR(S)	WALTER C. MONAGHAN, SHERIFF BY JOHN B. CONLY, REAL ESTATE DEPUTY		
DEED BOOK	2825	DEED BOOK	2826
PAGE	592	PAGE	143
DATE OF DEED	11/23/1946	DATE OF DEED	09/14/1947
DATE OF RECORD	12/03/1946	DATE OF RECORD	09/29/1947
CONSIDERATION	\$287.19	CONSIDERATION	\$380.35
TAX STAMPS	-	TAX STAMPS	-
TAX MAP NO	161-A-00200	TAX MAP NO	161-A-00200
AREAS	ACRE/SF	REQUIRED AREA	ACRE/SF
DEED	-	RIGHT-OF-WAY	0.094/4115
CALCULATED	** 2.845	CHANNEL	-
ADVERSES	0.407	SLOPE	-
LEGAL R/W	0.819	DRAINAGE	-
EFFECTIVE AREA	1.619	TEMP CONSTR	0.025/1089
TOTAL REQ'D R/W	0.094	VERIFICATION DATE	02/20/2017
TOTAL RESIDUE	1.525	DRAWN BY	MBE
RESIDUE LT	1.525	SCALE	AS SHOWN
RESIDUE RT	-		

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* JACK'S RUN ROAD

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA - DEPARTMENT OF TRANSPORTATION			
STATE RTE	* -	SEC NO	-
ROSS TOWNSHIP	ALLEGHENY COUNTY		
PARCEL NO	2	SHEET NO	4
CLAIM NO	-		
PROPERTY OWNER(S)	PAUL MURRAY & JEANETTE MURRAY, H/W		
GRANTOR(S)	GEORGE WARREN MURRAY		
DEED BOOK	9057	DEED BOOK	-
PAGE	584	PAGE	-
DATE OF DEED	07/14/1993	DATE OF DEED	-
DATE OF RECORD	09/21/1993	DATE OF RECORD	-
CONSIDERATION	\$1.00	CONSIDERATION	-
TAX STAMPS	EXEMPT	TAX STAMPS	-
TAX MAP NO	161-A-00277	TAX MAP NO	-
AREAS	ACRE/SF	REQUIRED AREA	ACRE/SF
DEED	-	RIGHT-OF-WAY	2.900
CALCULATED	38.133	CHANNEL	-
ADVERSES	-	SLOPE	-
LEGAL R/W	4.971	DRAINAGE	-
EFFECTIVE AREA	33.162	TEMP CONSTR	2.443
TOTAL REQ'D R/W	2.900	VERIFICATION DATE	02/20/2017
TOTAL RESIDUE	30.262	DRAWN BY	MBE
RESIDUE LT	-	SCALE	AS SHOWN
RESIDUE RT	30.262		

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* JACK'S RUN ROAD

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA - DEPARTMENT OF TRANSPORTATION			
STATE RTE	* -	SEC NO	-
ROSS TOWNSHIP	ALLEGHENY COUNTY		
PARCEL NO	3	SHEET NO	4
CLAIM NO	-		
PROPERTY OWNER(S)	BELLEVUE GOSPEL CHAPEL		
GRANTOR(S)	JACK'S RUN PRESBYTERIAN MISSION SABBATH SCHOOL		
DEED BOOK	4441	DEED BOOK	-
PAGE	186	PAGE	-
DATE OF DEED	11/30/1967	DATE OF DEED	-
DATE OF RECORD	11/30/1967	DATE OF RECORD	-
CONSIDERATION	\$1.00	CONSIDERATION	-
TAX STAMPS	-	TAX STAMPS	-
TAX MAP NO	161-A-00282	TAX MAP NO	-
AREAS	ACRE/SF	REQUIRED AREA	ACRE/SF
DEED	-	RIGHT-OF-WAY	-
CALCULATED	27.843	CHANNEL	-
ADVERSES	-	SLOPE	-
LEGAL R/W	2.833	DRAINAGE	-
EFFECTIVE AREA	25.010	TEMP CONSTR	208
TOTAL REQ'D R/W	-	VERIFICATION DATE	02/20/2017
TOTAL RESIDUE	25.010	DRAWN BY	MBE
RESIDUE LT	-	SCALE	AS SHOWN
RESIDUE RT	25.010		

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County of Allegheny Pittsburgh, Pennsylvania Department of Public Works	
REVISIONS	DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR REHABILITATION OF JACK'S RUN BRIDGE NO. 4 OVER JACK'S RUN IN ROSS TOWNSHIP ROADWAY PLAN PROJECT NO JA04-0109
DRAWN BY: MDH CHECKED BY: NCS	TRACED BY: MDH SCALE: AS NOTED
DATE: 8/4/2017 SHEET 6 OF 7	26130-RW

