



February 18, 2026

Matthew L. Homsher, Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265

Re: Lehigh County
Northampton County
City of Bethlehem
SR 378, Section 03B
DOT # 929 977Y
PUC No. A-2024-3048586
ECMS # 93630

Dear Secretary, Homsher

Attached for approval is one copy of the signed Drawings Authorizing Acquisition of Right-of-Way for State Route 378, Section 03B R/W in the City of Bethlehem, Lehigh County and Northampton County, consisting of sheets 1 through 7, 22, 23, 24, 26, 29, 30, 34, 44, 55, 64 of 66 for total of 17 sheets. The Right-of-Way plans were recorded in Lehigh County of Deeds Office in INST #2025031901 on December 23, 2025, and in Northampton County of Deeds Office in Map Book No. 2025-5, Page 869 on December 23, 2025.

Also attached is one color-coded copy of sheet(s) 44, 55 and 64 of 66 of the final signed Right-of-Way plans and one copy of the Property Description Tract to be appropriated by the Commission from Norfolk Southern Railway Company.

The Department of Transportation hereby avers that a set of the aforesaid final drawings and a copy of the property description are being sent to the following parties of record for examination simultaneously with this submission to the Public Utility Commission:

Phil Armstrong
Lehigh County
Lehigh County Government Center
17 South Seventh Street Allentown,
PA 18101-2400
philArnstrong@lehighcounty.org

Linda M. Zembo
Northampton County
669 Washington Street
Northampton County Courthouse
Easton, PA 18042-7475
LZembo@northamptoncounty.org

Linnea Lazarchak
City of Bethlehem
10 East Church Street
Bethlehem, PA 18018-6025
llazarchak@bethlehem-pa.gov

Timothy J Bentley, III
Norfolk Southern Corp.
411 E Franklin Street
Suite 506
Richmond, VA 23219
timothy.bentley@nscorp.com

Chris Bennett
Norfolk Southern Railway
1200 Peachtree Street
Atlanta, GA 30309
chris.bennett@nscorp.com

D. Shawn Starling
Norfolk Southern Railway
1200 Peachtree Street
Atlanta, GA 30309
Douglas.Starling@nscorp.com

Ben Flurer
Service Electric Cable TV
& Communications
2260 Avenue A LVIP #1
Bethlehem, PA 18017
flurerb@spectv.com

Charlotte Krupa
PPL Electric Utilities Corp.
827 Hausman Road., LEHSC-2
Allentown, PA 18104
cakrupa@pplweb.com

Daniel Compitello
Lumen
1025 Eldorado Blvd Bldg
Broomfield, Co. 80021
daniel.compitello@level3.com

Jonathan Kummery
Zayo Group Holdings, Inc.
2561 Bernville Road
Reading, PA 19605
jonathan.kummery@zayo.com

Joseph Deery
Verizon
1050 Virginia Drive
Fort Washington, PA 19034
joseph.deery.iii@verizon.com

Kevin Cochran
Astound Broadband
5508 Nor-Bath Blvd.
Northampton, PA 18067
kevin.cochran@astound.com

Michael Waldron
City of Bethlehem, Sewer
10 East Church Street
Bethlehem, PA 18018
mwaldron@bethlehem-pa.gov

Robert Taylor
Bethlehem Water Department
10 East Church Street
Bethlehem, PA 18018-6025
rtaylor@bethlehem-pa.gov

Scott Dreiling
XO Communications
1220 Broadcasting Rd.
Wyomissing, PA 19610-1229
scott.j.dreiling@verizon.com

Tim Steward
UGI Utilities, Inc.
2121 City Line Road
Bethlehem, PA 18017-2150
tsteward@ugi.com

We respectfully request the approval of these plans and the subsequent issuance of a PUC Order. Should you have any questions or concerns, please feel free to contact Rodney Rehnert at (610) 871 - 4562.

Sincerely,

Rodney O. Rehnert

Rodney O. Rehnert
District Grade Crossing Administrator
Engineering District 5-0
Department of Transportation

Attachments

cc: Parties of Record

M. J. Chappell, PE - Chief, Right-of-Way and Utilities Section, 7th Floor, CKB

Karen L. Cummings, Office of Chief Counsel, 9th Floor, CKB

W. M. Sinick, PE - Supervisor, Rail Safety Engineering Section, PUC, 3rd Floor, CKB

PLAN PREPARATION
 DESIGNER HNTB CORP
 DRAWN BY MALICK & SCHERER, P.C.

DISTRICT	COUNTY	CITY	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
5-0	NORTHAMPTON	BETHLEHEM	-	0378	03B R/W	66
	LEHIGH	BETHLEHEM	-			

SR 0378 PREVIOUSLY KNOWN AS LR 297 AND LR 1007

MPMS/ECMS NO. 93630

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR

STATE ROUTE 0378 SECTION 03B R/W
 IN NORTHAMPTON COUNTY

FROM STA. 201+04.14 TO STA. 207+01.00 LENGTH 596.86 FT. 0.113 MI.
 FROM SEG. 0070 OFFSET 0641 N.B. TO SEG. 0070 OFFSET 1261 N.B.
 FROM STA. 107+02.95 TO STA. 108+62.22 LENGTH 159.27 FT. 0.030 MI.
 FROM SEG. 0071 OFFSET 1065 S.B. TO SEG. 0071 OFFSET 1234 S.B.

AND
 STATE ROUTE 0378 SECTION 03B R/W
 IN LEHIGH COUNTY

FROM STA. 207+01.00 TO STA. 215+21.95 LENGTH 820.95 FT. 0.155 MI.
 FROM SEG. 0074 OFFSET 0786 N.B. TO SEG. 0074 OFFSET 1607 N.B.
 FROM SEG. 0074 OFFSET 0000 N.B. TO SEG. 0074 OFFSET 0328 N.B.
 FROM SEG. 0080 OFFSET 0000 TO SEG. 0080 OFFSET 0064
 FROM STA. 108+71.41 TO STA. 125+01.40 LENGTH 1629.99 FT. 0.309 MI.
 FROM SEG. 0075 OFFSET 0000 TO SEG. 0075 OFFSET 1607
 FROM SEG. 0081 OFFSET 0000 TO SEG. 0081 OFFSET 0064

TOTAL PROJECT LENGTH 1417.81 FT. 0.269 MI. NORTHBOUND
1789.26 FT. 0.339 MI. SOUTHBOUND

THE PUBLIC UTILITY COMMISSION SHALL APPROPRIATE PROPERTY IN (APPLICATION) (COMPLAINT) (INVESTIGATION) DOCKET NO. A-2024-3048586 BETWEEN STATION 6+05.98 AND STATION 6+92.33 (MAIN ST RAMP) PURSUANT TO THE PROVISIONS OF SECTION 2702(b) OF THE ACT OF JULY 1, 1978, P.L. 598, NO. 116 (66 P.S. SECTION 2707).

THE PUBLIC UTILITY COMMISSION SHALL APPROPRIATE PROPERTY IN (APPLICATION) (COMPLAINT) (INVESTIGATION) DOCKET NO. A-2024-3048586 BETWEEN STATION 110+04.24 AND STATION 111+58.60 (SR 0378) PURSUANT TO THE PROVISIONS OF SECTION 2702(b) OF THE ACT OF JULY 1, 1978, P.L. 598, NO. 116 (66 P.S. SECTION 2707).

THE PUBLIC UTILITY COMMISSION SHALL APPROPRIATE PROPERTY IN (APPLICATION) (COMPLAINT) (INVESTIGATION) DOCKET NO. A-2024-3048586 BETWEEN STATION 117+96.59 AND STATION 120+25.64 (ACT 0378) PURSUANT TO THE PROVISIONS OF SECTION 2702(b) OF THE ACT OF JULY 1, 1978, P.L. 598, NO. 116 (66 P.S. SECTION 2707).

THE PUBLIC UTILITY COMMISSION SHALL APPROPRIATE PROPERTY IN (APPLICATION) (COMPLAINT) (INVESTIGATION) DOCKET NO. A-2024-3048586 BETWEEN STATION 207+77.09 AND STATION 209+46.05 (SR 0378 NB) PURSUANT TO THE PROVISIONS OF SECTION 2702(b) OF THE ACT OF JULY 1, 1978, P.L. 598, NO. 116 (66 P.S. SECTION 2707).

THIS PLAN PREPARED PURSUANT TO SECTION 2003(e) OF THE ADMINISTRATIVE CODE, AS AMENDED, 71 P.S. SECTION 513(e), AND SECTION 302(b)(3) OF THE EMINENT DOMAIN CODE, 26 Pa. C.S., SECTION 302(b)(3).

COUNTY OF NORTHAMPTON
 RECORDER OF DEEDS
 NORTHAMPTON COUNTY GOVERNMENT CENTER
 600 WASHINGTON STREET
 EASTON, PENNSYLVANIA 18042-0800
 JUDY J. ELLIOTT, RECORDER

Book - 2025-5 Starting Page - 869
 Total Pages - 67

Instrument Number - 202502813
 Recorded On 12/11/2025 At 1:25:42 PM
 Record Type - HIGHWAY MAP
 Instrument Type - 111490
 *Grantor - STATE ROUTE 378 SECTION 03B R/W
 *Grantee - STATE ROUTE 378 SECTION 03B R/W
 User - SR
 *Comments - PENNSYLVANIA COMMONWEALTH

FEES
 STATE MILE TAX \$22.00
 RECORDING FEE \$172.00
 COUNTY RECORDS \$2.00
 INFORMATION FEE \$3.00
 DEED RECORDING \$210.00
 TOTAL PAID \$411.00

RECORDED BY
 PENNSYLVANIA COMMONWEALTH
 HAMILTON ST
 ALLENTOWN, PA 18101
 ALYN DEPARTMENT OF TRANSPORTATION

THIS IS A CERTIFICATION PAGE
 Do Not Detach
 THIS PAGE IS NOW THE FIRST PAGE
 OF THIS LEGAL DOCUMENT

Book: 2025-5 Page: 869

SCALE
 HORIZONTAL : 0 25 50 FEET OR AS NOTED
 VERTICAL : 0 5 10 FEET OR AS NOTED

DESIGN DESIGNATION - SR 0378 03B R/W
 ROADWAY TYPOLOGY - REGIONAL ARTERIAL - TOWN CENTER
 FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL - URBAN
 SEG/OFF RANGE - 0070/0387 TO 0080/0186 (NB) // 0071/0392 TO 0081/0186 (SB)
 DESIGN SPEED - 30 MPH
 PAVEMENT WIDTH - 10'-0" TO 12'-0" LANES
 SHOULDER WIDTH - VARIES 0' TO 4'
 ROADWAY TYPOLOGY - INTERSTATE AND OTHER LIMITED ACCESS FREEWAYS - URBAN
 FUNCTIONAL CLASSIFICATION - OTHER FREEWAYS AND EXPRESSWAYS - URBAN
 DESIGN SPEED - 55 MPH
 PAVEMENT WIDTH - 10'-0" TO 12'-0" LANES
 SHOULDER WIDTH - VARIES 4' TO 10'

TRAFFIC DATA
 CURRENT A. D. T. 44,766 (2025)
 DESIGN YEAR A. D. T. 54,431 (2045)
 D. H. V. 4,355 (2045)
 D 55
 T 4

RECORDED IN THE OFFICE FOR THE RECORDING OF DEEDS, ETC. IN
LEHIGH COUNTY, PA.
 INST # 2025031901
 IN BOOK PAGE 869
 WITNESS MY HAND AND SEAL OF OFFICE
 DATE 12/23/2025
 Michelle Graupner RECORDER

RECORDED IN THE OFFICE FOR THE RECORDING OF DEEDS, ETC. IN
NORTHAMPTON COUNTY, PA.
 IN MAP BOOK 2025-5 PAGE 869
 WITNESS MY HAND AND SEAL OF OFFICE
 DATE 12/23/2025
 Recorder RECORDER

COMMONWEALTH OF PENNSYLVANIA
 COUNTY OF DAUPHIN SS
 BEFORE ME, A NOTARY PUBLIC, PERSONALLY CAME
Ryan Malick, KNOWN TO ME OR
 SATISFACTORILY PROVEN TO BE THE PERSON WHO
 HAS BEEN AUTHORIZED BY WRITTEN DELEGATION
 TO AFFIX THE FACSIMILE SIGNATURE OF
 MICHAEL J. CARROLL, SECRETARY OF
 TRANSPORTATION, ON PLANS AUTHORIZING
 ACQUISITION OF RIGHT-OF-WAY BY THE DEPARTMENT
 OF TRANSPORTATION, AND AS SUCH AUTHORIZED
 REPRESENTATIVE ACKNOWLEDGED THE WITHIN PLAN,
 COMPRISING 66 SHEETS, TO BE AN OFFICIAL PLAN
 OF THE DEPARTMENT OF TRANSPORTATION AND
 DESIRED THAT THE SAME BE RECORDED AS SUCH.
 WITNESS MY HAND AND NOTARIAL SEAL
 COMMONWEALTH of Pennsylvania - Notary Seal
 MARK H. HARRIS - Notary Public
 Dauphin County
 My Commission Expires January 5, 2027
 Commission Number 1225997
 DATE 12/11/2025
 NOTARY PUBLIC

PREPARED BY:

 53 FRONTAGE ROAD
 SUITE 170
 HAMPTON, NJ 08827

 MICHAEL J. McALPIN
 LAND SURVEYOR
 No. SU075124
 DATE: 11/26/2025
 REG. PROF SURVEYOR

PREPARED BY:

 640 HAMILTON ST
 SUITE 301
 ALLENTOWN, PA 18101

 CHRISTOPHER G. KAVULICH
 ENGINEER
 PE081129
 DATE: 11/26/2025
 REG. PROF ENGINEER

RECOMMENDED DATE: 12-8-2025
Christopher J. Kupro DISTRICT EXECUTIVE
 RECOMMENDED DATE: 12/11/2025
Christina Norris DEPUTY SECRETARY
 APPROVED DATE: 12/11/2025
Michelle Graupner SECRETARY OF TRANSPORTATION
 (ON BEHALF OF THE GOVERNOR AS WELL AS THE SECRETARY)

DATE PLOTTED: 12/23/2025 10:58:11 AM FILENAME: SDESIGN15E.LSS

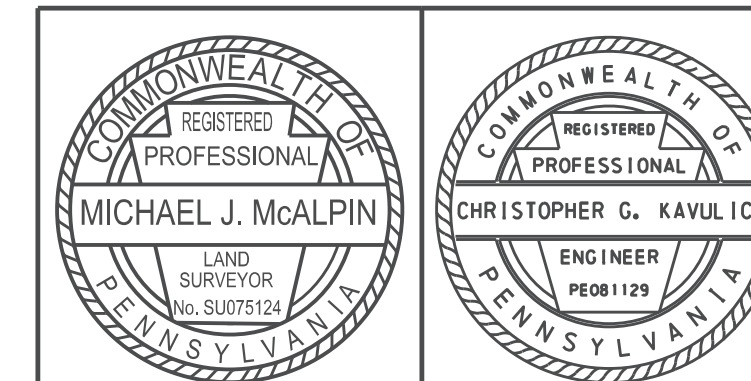
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	3 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY

LIST OF PROPERTY OWNERS

- | | | |
|--|---|---|
| ① CHABAD AT LEHIGH, INC | ⑤① FRITCH, INC.,
A PENNSYLVANIA CORPORATION | ⑧① BLAKE KLEINTOP |
| ② SAYRE MANSION, LLC | ⑤② CITY OF BETHLEHEM,
A PENNSYLVANIA MUNICIPAL CORPORATION | ⑧② RICARDO VEGA SR. |
| ③ NIP WILBUR, LLC,
A PENNSYLVANIA LIMITED LIABILITY COMPANY | ⑤③ CITY OF BETHLEHEM,
A MUNICIPAL CORPORATION
AND CITY OF THE THIRD CLASS | ⑧③ JEFFREY L. HUNSICKER AND
JUDITH ANN HUNSICKER |
| ④ BRIGHTON COURT ASSOCIATES, L.P.,
A NEW JERSEY LIMITED PARTNERSHIP | ⑤④ PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY | ⑧④ KRISTEN SRNECZ |
| ⑤ CITY OF BETHLEHEM,
A PENNSYLVANIA CORPORATION | ⑤⑤ BETHLEHEM PARKING AUTHORITY,
A PUBLIC BODY CORPORATE AND POLITIC | ⑧⑤ JOHN FITZCHARLES |
| ⑥ PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY
CITY OF BETHLEHEM, | ⑤⑥ CITY OF BETHLEHEM,
A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA | ⑧⑥ JEFFREY S. WEAVER |
| ⑦ A MUNICIPAL CORPORATION OF THE
STATE OF PENNSYLVANIA | ⑤⑦ ALVIN BENJAMIN AND ROSE
BENJAMIN, HIS WIFE | ⑧⑦ TIMOTHY F. BENNER |
| ⑧ SAINT LUKE'S HOSPITAL OF
BETHLEHEM, PENNSYLVANIA | ⑤⑧ JAMES C HOBAR AND
CAROL A HOBAR | ⑧⑧ SANDRA MABIE |
| ⑨ CITY OF BETHLEHEM,
A PENNSYLVANIA CORPORATION | ⑤⑨ JAMES EDWARD YOB | ⑧⑨ JOSHUA LA BARBA &
ALLISON M. DOYLE, H & W |
| ⑩ BETHLEHEM ECONOMIC
DEVELOPMENT CORPORATION | ⑥① CITY OF BETHLEHEM,
A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA
CITY OF BETHLEHEM, | ⑨① JOHNATHAN RYAN WEPP J. &
JAYMEE LEE GRIFFIN |
| ⑪ TRIPLE NET INVESTMENTS VI, L.P.,
A PENNSYLVANIA LIMITED PARTNERSHIP | ⑥② ALVIN BENJAMIN AND ROSE BENJAMIN | ⑨② KATHLEEN A. NEWHALL &
ROBERT P. NEWHALL, WIFE & HUSBAND |
| ⑫ TRIPLE NET INVESTMENTS XXXII LP,
A PENNSYLVANIA LIMITED PARTNERSHIP | ⑥③ JAIME ILDEFONSO AND
EVELYN T. ILDEFONSO H & W | ⑨③ RONALD SCOTT BOWSER & MARY BOWSER |
| ⑬ EPISCOPAL CHURCH (CHURCH OF THE
NATIVITY BETHLEHEM) | ⑥④ FEIYAN ZHENG | ⑨④ MONICA L. WALL AND
TODD A. MALSEED, H & W |
| ⑭ CATHEDRAL CHURCH OF THE NATIVITY BETHLEHEM
RECTOR WARDENS AND VESTRY | ⑥⑤ GUADALUPE MATIAS | ⑨⑤ KEVIN BOHM |
| ⑮ RECTOR WARDENS AND VESTRY OF THE CATHEDRAL
AND CHURCH OF THE NATIVITY | ⑥⑥ BEATRIZ C. BENIGNO | ⑨⑥ JUSTIN M BEAVER ET AL |
| ⑯ BRUCE M CAMPBELL
AND KIM L CAMPBELL | ⑥⑦ ANTHONY VICTOR EGGLESTON, JR. | ⑨⑦ CONESTOGA COURT CONDOMINIUMS |
| ⑰ RICHARD M VOGEL AND
GEORGE MICHAEL MYSKO | ⑥⑧ ALVIN BENJAMIN
AND ROSE BENJAMIN | ⑨⑧ PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY
CITY OF BETHLEHEM, |
| ⑱ BRUCE M CAMPBELL
AND KIM L CAMPBELL | ⑥⑨ FRITCH, INC. | ⑨⑨ A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA
CITY OF BETHLEHEM, |
| ⑲ PEDRO RODRIGUEZ | ⑦① CITY OF BETHLEHEM,
A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA | ⑩① A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA |
| ⑳ COLIN J BURG | ⑦② PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY | ⑩② WATERS OF THE COMMONWEALTH OF PENNSYLVANIA |
| ㉑ WU HUI-BING | ⑦③ CITY OF BETHLEHEM | |
| ㉒ ANGJO, L.L.C. | ⑦④ CITY OF BETHLEHEM | |
| ㉓ CITY OF BETHLEHEM | ⑦⑤ CITY OF BETHLEHEM | |
| ㉔ BEST SUITES HOSPITALITY, LLC | ⑦⑥ CITY OF BETHLEHEM,
A THIRD CLASS CITY IN THE
COMMONWEALTH OF PENNSYLVANIA
ANDREW J. SVABY, JR. AND
MICHAEL SCHANTZ, H & H, AS
TENANTS IN THE ENTIRETY | |
| ㉕ PENNSYLVANIA DEPARTMENT
OF TRANSPORTATION | ⑦⑦ LINDA SCHANTZ | |
| ㉖ BETHLEHEM ECONOMIC DEVELOPMENT CORPORATION,
A PENNSYLVANIA CORPORATION | ⑦⑧ NICHOLAS SILVA AND
RUTH S. SILVA H & W | |
| ㉗ CITY OF BETHLEHEM,
A PENNSYLVANIA CORPORATION | ⑦⑨ STEPHEN D. BRAY AND
C. JAYNE BRAY H & W | |
| ㉘ WILLIAM E. ANGUS ET AL | | |

LEGEND

- - PARCEL IDENTIFICATION NUMBER
- △ - PARCEL IDENTIFICATION NUMBER - NO TAKE



LIST OF PUBLIC UTILITIES

SYMBOL	OWNER	ADDRESS	REPRESENTATIVE	EMAIL	PHONE
E	CITY OF BETHLEHEM (LIGHTING)	10 E CHURCH ST. BETHLEHEM, PA 18018	GREG CRYDER	GCRYDER@BETHLEHEM-PA.GOV	610.865.7338
S	CITY OF BETHLEHEM (SANITARY SEWER)	10 E CHURCH ST. BETHLEHEM, PA 18018	EDWARD J BOSCOLA, PE	EBOSCOLA@BETHLEHEM-PA.GOV	610.865.7207
W	CITY OF BETHLEHEM (WATER)	10 E CHURCH ST. BETHLEHEM, PA 18018	ROBERT TAYLOR	RTAYLOR@BETHLEHEM-PA.GOV	610.865.7076
FOU	ZAYO (FORMERLY FIBERTRACK/SPREAD NETWORKS)	7010 SNOWDRIFT ROAD ALLENTOWN, PA 18106	LEO SCHNEIDER	LEO.SCHNEIDER@ZAYO.COM	610.628.9389
FO	LUMEN (FORMERLY CENTURYLINK/LEVEL 3 COMMUNICATIONS INC.)	1025 ELDERADO BLVD. BLDG BROOMFIELD, CO 80021	DANIEL COMPITELLO	DANIEL.COMPITELLO@LEVEL3.COM	215.596.4922
E	PPL ELECTRIC UTILITIES	503 NEW MARKET ST WILKES BARRE, PA 18702	MARK SANTAYANA	MCSANTAYANA@PPLWEB.COM	610.774.6287
CTV	RCN LEHIGH VALLEY	5508 NORBATH BLVD NORTHAMPTON, PA 18067	BILL REESE	BILL.REESE@RCN.NET	610.443.2783
CTV	SERVICE ELECTRIC CABLE TV INC.	2260 AVENUE A LVIP 1 BETHLEHEM, PA 18017	MIKE GEHRINGER	MIKEG@SECTV.COM	610.625.8503
G	UGI UTILITIES, INC.	2121 CITY LINE RD BETHLEHEM, PA 18017	LUKE LICHTENWALNER	LLICHTENWALNER@UGI.COM	610.807.3107
T	VERIZON PENNSYLVANIA LLC	15 MONTGOMERY AVE, FL 2ND PITTSBURGH, PA 15212	DEBORAH BARUM	DEBORAH.D.DELIA@VERIZON.COM	412.633.3810
FO	XO COMMUNICATIONS INC.	1220 BROADCASTING RD WYOMISSING, PA 19610	SCOTT DREILING	SCOTT.J.DREILING@XO.COM	610.290.4003

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	4 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

GENERAL NOTES

S.R. 0378 FORMERLY KNOWN AS L.R. 297 AND L.R. 1007.

THE LEGAL RIGHT-OF-WAY FOR SR 0378, FORMERLY LR 00297, FROM STATION 101+04.14 TO STATION 109+08.64 IS VARIABLE IN WIDTH FROM 71.50' TO 69.00', BASED ON DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 378 SECTION RMP R/W IN NORTHAMPTON COUNTY, SIGNED BY THE SECRETARY OF TRANSPORTATION ON NOV. 25, 2008 AND REVISED ON APR. 16, 2009.

THE LEGAL RIGHT-OF-WAY FOR SR 0378, FORMERLY LR 00297, FROM STATION 109+08.64 TO STATION 125+01.40 IS 69.00' IN WIDTH, BASED ON DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 378 SECTION 02B R/W IN LEHIGH AND NORTHAMPTON COUNTY, SIGNED BY THE SECRETARY OF TRANSPORTATION ON FEB. 9, 1989.

THE LEGAL RIGHT-OF-WAY FOR CITY STREET FOR THIRD STREET FROM STATION 42+14.49 TO STATION 45+86.95 IS VARIABLE IN WIDTH, BASED ON DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 378 SECTION RMP R/W IN NORTHAMPTON COUNTY, SIGNED BY THE SECRETARY OF TRANSPORTATION ON NOV. 25, 2008 AND REVISED ON APR. 16, 2009.

THE LEGAL RIGHT-OF-WAY FOR SECOND STREET RAMP FROM STATION 316+89.54 TO STATION 317+18.34 IS VARIABLE IN WIDTH, BASED ON DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 378 SECTION RMP R/W IN NORTHAMPTON COUNTY, SIGNED BY THE SECRETARY OF TRANSPORTATION ON NOV. 25, 2008 AND REVISED ON APR. 16, 2009.

THE LEGAL RIGHT-OF-WAY FOR CITY STREET FOR RIVERSIDE DRIVE FROM STATION 80+00.00 TO STATION 84+01.54 IS VARIABLE IN WIDTH, BASED ON DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 378 SECTION RMP R/W IN NORTHAMPTON COUNTY, SIGNED BY THE SECRETARY OF TRANSPORTATION ON NOV. 25, 2008 AND REVISED ON APR. 16, 2009.

THE LEGAL RIGHT-OF-WAY FOR CITY STREET FOR BRIGHTON STREET FROM STATION 2+15.00 TO STATION 2+30.45 IS 50.00' IN WIDTH, BASED ON THE ACTUAL WIDTH OCCUPIED BY PAVEMENT, SHOULDERS AND BUILDING SETBACK AS MEASURED IN THE FIELD. THERE IS NO PUBLIC RECORD OF OTHER WIDTH.

THE LEGAL RIGHT-OF-WAY FOR SPRING STREET RAMP FROM STATION 90+42.84 TO STATION 94+37.53 IS 63.00' IN WIDTH, BASED ON P.U.C. ORDER OF JULY 11, 1921, DOCKET NO. 430 AND 430-A.

THE LEGAL RIGHT-OF-WAY FOR MAIN STREET RAMP FROM STATION 5+13.38 TO STATION 12+89.78 IS 69.00' IN WIDTH, BASED ON P.U.C. ORDER OF JULY 11, 1921, DOCKET NO. 430 AND 430-A.

PA ONE-CALL TOLL FREE TELEPHONE NO. 1-800-242-1776.
DESIGN SERIAL NO. 20171702423, 2443, 2455

NOTE: LIMITS OF AUTHORIZATION ASSIGNED BY MAINTENANCE RESPONSIBILITY

GENERAL NOTES CONT'D

SIDEWALK EASEMENT. AN EASEMENT FOR THE CONSTRUCTION, INSPECTION, MAINTENANCE, REPAIR, RECONSTRUCTION AND ALTERATION OF A SIDEWALK. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO ITS USE FOR SIDEWALK PURPOSES.

ALL HORIZONTAL CURVE DATA IS BASED ON THE ARC DEFINITION UNLESS OTHERWISE NOTED.

THE HORIZONTAL DATUM IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE NAD83.

THE VERTICAL DATUM IS BASED ON NAVD88.

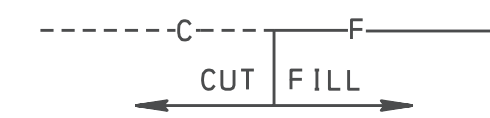
THE LEHIGH RIVER IS A NAVIGABLE STREAM.

PROTECT, PRESERVE AND DO NOT DISTURB STRUCTURES AND FEATURES MARKED WITH [P]

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.

THE HALF CIRCLED NUMBER 50.00 INDICATES A SCALED DIMENSION

INDICATES MONUMENTED DIMENSIONS



TABULATION OF AUTHORIZATION LENGTH

NB	SR 0378 NB STA 201+04.14 TO STA 207+01.00 = 596.86 LF = 0.113 MI
	SR 0378 NB STA 207+01.00 TO STA 210+29.13 = 328.13 LF = 0.062 MI
	SR 0378 NB STA 214+84.74 TO STA 215+21.95 = 37.21 LF = 0.007 MI
	SR 0378 STA 116+52.13 TO STA 120+72.71 = 420.58 LF = 0.080 MI
	SR 0378 STA 121+37.88 TO STA 125+01.40 = 363.52 LF = 0.069 MI
AUTHORIZATION LENGTH 1746.30 LF = 0.331 MI	
SB	SR 0378 SB STA 107+02.95 TO STA 107+14.78 = 11.83 LF = 0.002 MI
	SR 0378 SB STA 108+57.12 TO STA 108+62.22 = 5.10 LF = 0.001 MI
	SR 0378 STA 108+62.22 TO STA 108+71.41 = 9.19 LF = 0.002 MI
	SR 0378 STA 108+71.41 TO STA 111+58.60 = 287.19 LF = 0.054 MI
	SR 0378 STA 116+01.36 TO STA 120+79.83 = 478.47 LF = 0.091 MI
SR 0378 STA 121+39.20 TO STA 125+01.40 = 362.20 LF = 0.069 MI	
AUTHORIZATION LENGTH 1153.98 LF = 0.219 MI	

TABULATION OF OVERALL LENGTH

NB	SR 0378 NB STA 201+04.14 TO STA 207+01.00 = 596.86 LF = 0.113 MI
	SR 0378 NB STA 207+01.00 TO STA 215+21.95 = 820.95 LF = 0.155 MI
	SR 0378 STA 116+52.13 TO STA 125+01.40 = 849.27 LF = 0.161 MI
OVERALL LENGTH = 2267.08 LF = 0.429 MI	
SB	SR 0378 SB STA 107+02.95 TO STA 108+62.22 = 159.27 LF = 0.030 MI
	SR 0378 STA 108+62.22 TO STA 108+71.41 = 9.19 LF = 0.002 MI
	SR 0378 STA 108+71.41 TO STA 111+58.60 = 287.19 LF = 0.054 MI
	SR 0378 STA 116+01.36 TO STA 125+01.40 = 900.04 LF = 0.170 MI
OVERALL LENGTH = 1355.69 LF = 0.257 MI	

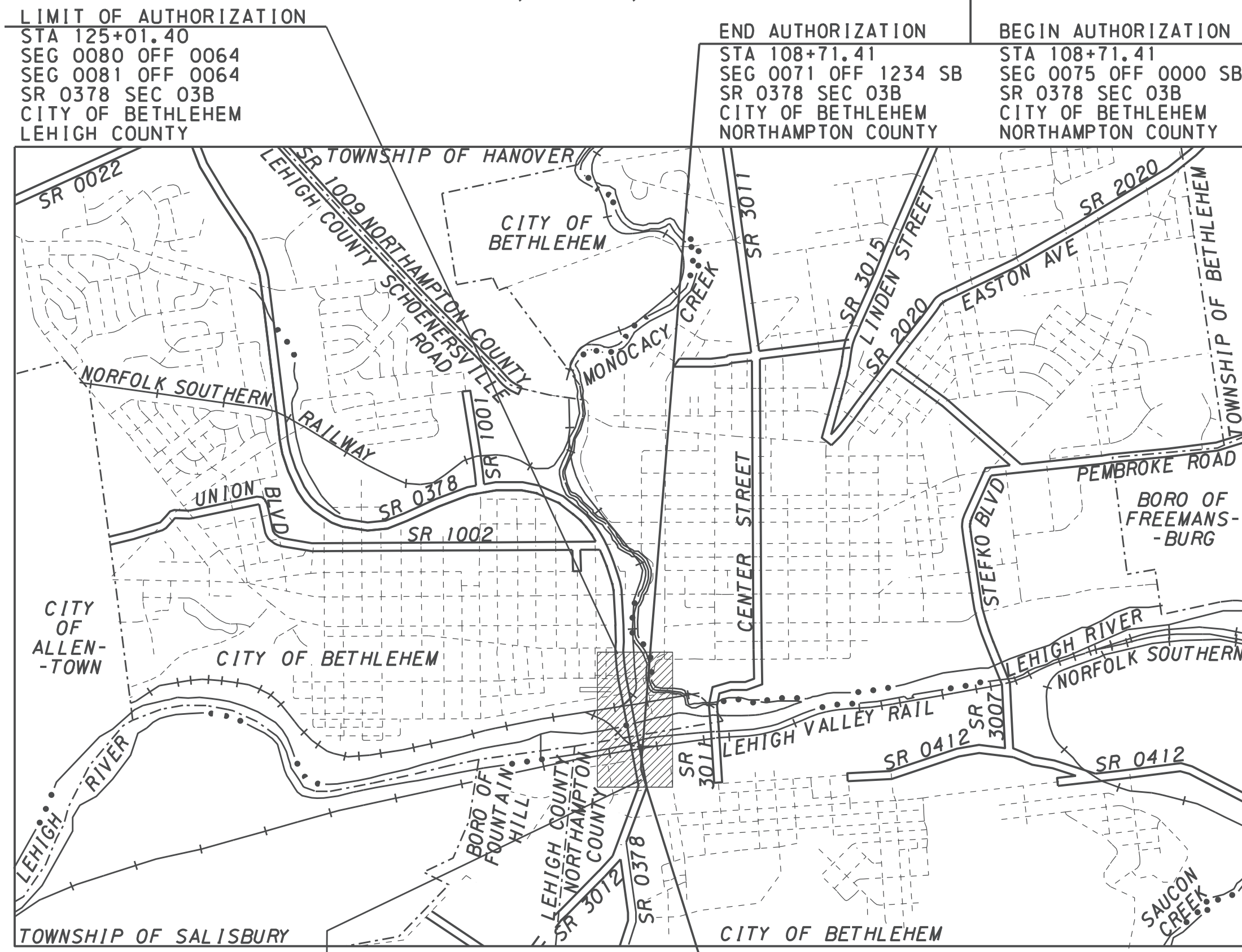
TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

TEMPORARY CONSTRUCTION EASEMENT (ACCESS). LAND ACQUIRED IN THE INTEREST DESIGNATED WITH A TEMPORARY CONSTRUCTION EASEMENT FOR THE BENEFIT AND USE OF THE COMMONWEALTH IF NECESSARY. USE OF THE LAND IS LIMITED ONLY TO PASSING MATERIALS, EQUIPMENT AND PERSONNEL THROUGH AS MAY BE NECESSARY. THIS USE MAY BE TIME AND DATE LIMITED IN ACCORDANCE WITH THE ACQUISITION DOCUMENTS.

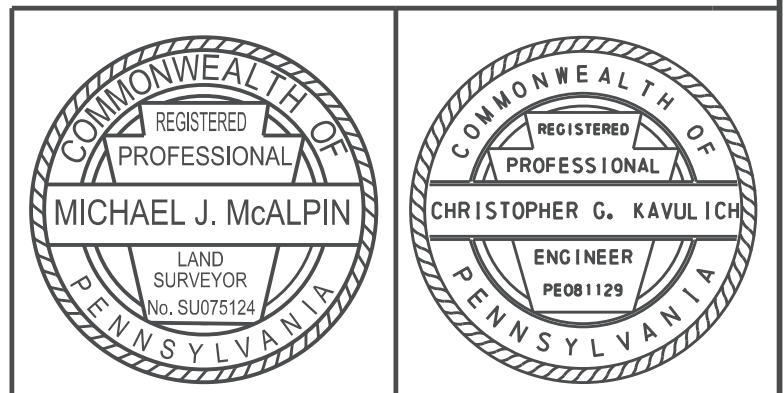
TRAFFIC SIGNAL EASEMENT. AN EASEMENT FOR THE CONSTRUCTION, INSPECTION, OPERATION, MAINTENANCE, REPAIR, RECONSTRUCTION AND ALTERATION OF A TRAFFIC SIGNAL AND APPURTENANCE THERETO. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO ITS USE FOR TRAFFIC SIGNAL PURPOSES.

DRAINAGE EASEMENT. AN EASEMENT FOR THE CONSTRUCTION, INSPECTION, MAINTENANCE, REPAIR, RECONSTRUCTION AND ALTERATION OF HIGHWAY DRAINAGE FACILITIES. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO THE NECESSARY FLOW OF WATER. HOWEVER, NO STRUCTURE OF ANY KIND MAY BE ERRECTED IN THE AREA, NOR MAY ANY PIPE OR DITCH BE CONNECTED TO THE DEPARTMENT'S PIPE OR DITCH WITHOUT ADVANCED WRITTEN APPROVAL BY THE DEPARTMENT OF TRANSPORTATION.

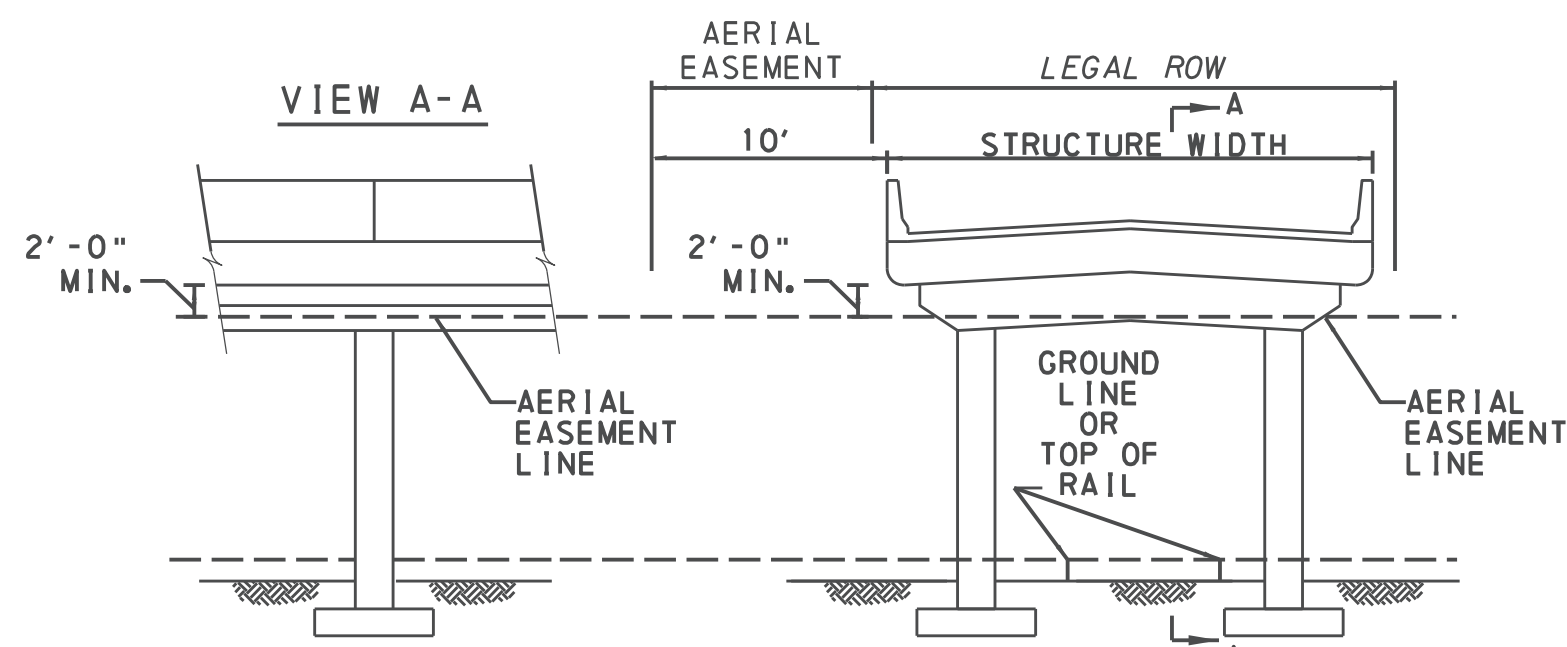
THE COMBINED FACTOR USED TO OBTAIN THE PROJECT COORDINATES IS 1.000042940 X GRID DISTANCE.



LOCATION MAP

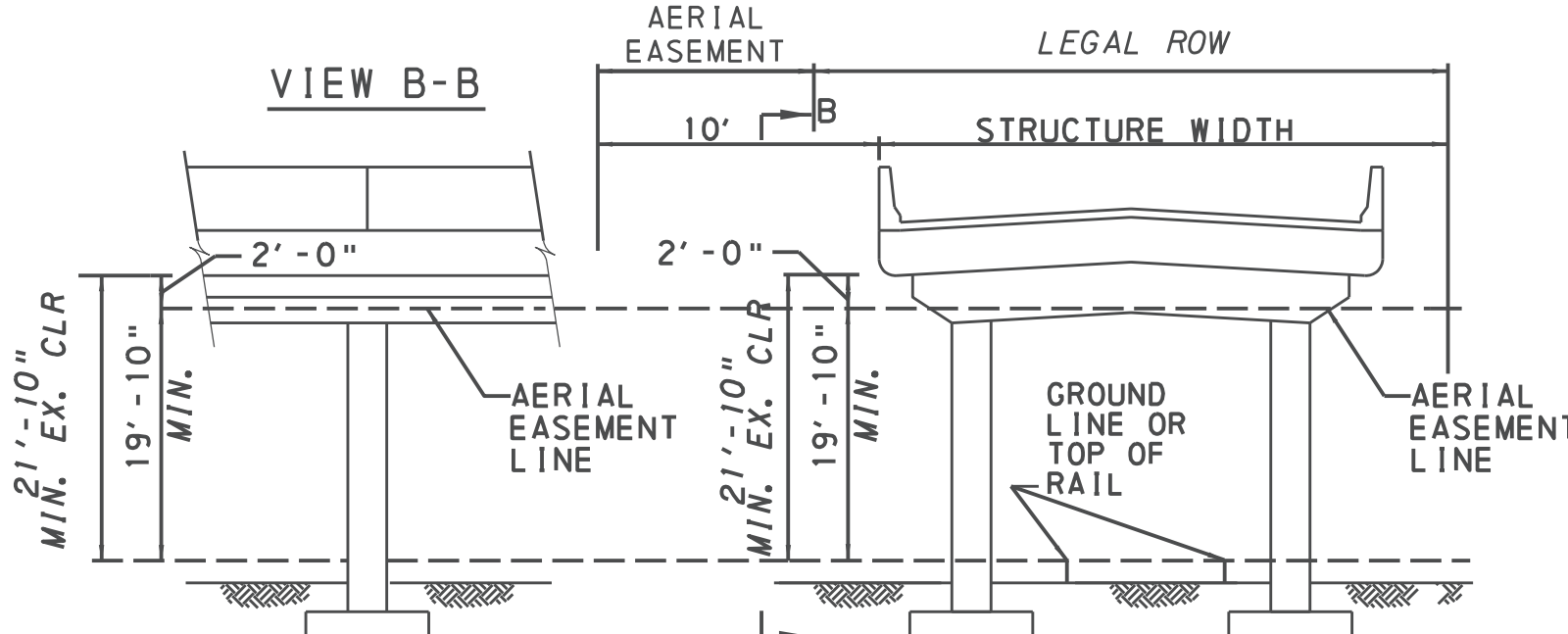


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	5 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCELS 4 AND 5

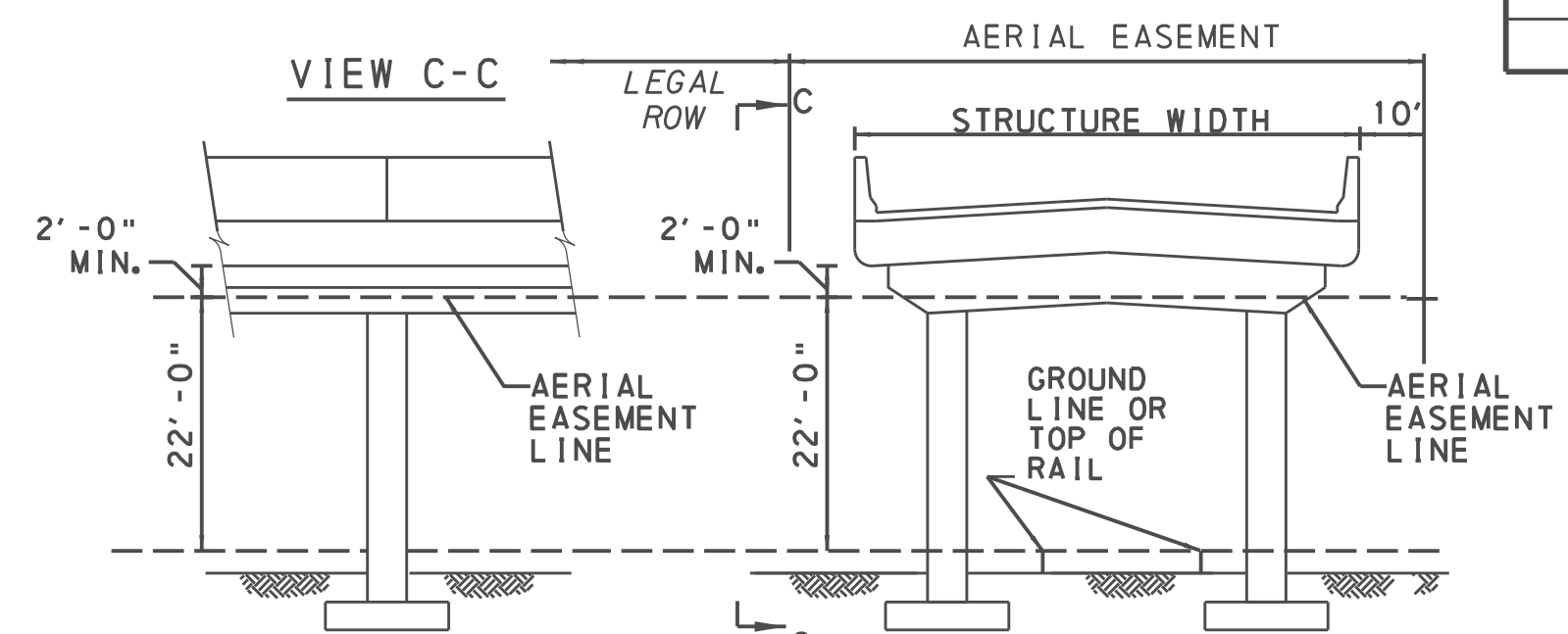
N. T. S.
 SR 0378 SB FROM STA 108+58.37 TO STA 108+62.22
 SR 0378 FROM STA 108+62.22 TO STA 110+04.59



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 LEFT

N. T. S.
 SR 0378 FROM STA 110+04.59 TO STA 111+57.91

USE OF AIRSPACE BENEATH THE ESTABLISHED GRADELINE OF THE HIGHWAY SHALL PROVIDE SUFFICIENT VERTICAL AND HORIZONTAL CLEARANCES FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, VENTILATION AND SAFETY OF THE HIGHWAY FACILITY. THE ESTATE ACQUIRED ABOVE THE AERIAL EASEMENT LINE MAY BE ENTERED ON BY MOVING VEHICLES SUCH AS TRUCKS OR RAILROAD ROLLING STOCK.



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 RIGHT

N. T. S.
 SR 0378 NB FROM STA 208+52.01 TO STA 209+46.15

USE OF AIRSPACE BENEATH THE ESTABLISHED GRADELINE OF THE HIGHWAY SHALL PROVIDE SUFFICIENT VERTICAL AND HORIZONTAL CLEARANCES FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, VENTILATION AND SAFETY OF THE HIGHWAY FACILITY. THE ESTATE ACQUIRED ABOVE THE AERIAL EASEMENT LINE MAY BE ENTERED ON BY MOVING VEHICLES SUCH AS TRUCKS OR RAILROAD ROLLING STOCK.

GENERAL NOTES, CONT'D.

WHERE AN AERIAL EASEMENT IS ACQUIRED, IT SHALL INCLUDE AN EASEMENT IN THE AIR FOR THE ACCOMMODATION OF THE ELEVATED HIGHWAY STRUCTURE UNLIMITED IN VERTICAL DIMENSION ABOVE THE STRUCTURE, A SURFACE EASEMENT UNLIMITED IN VERTICAL DIMENSION FOR THE ACCOMMODATION OF PIERS AND OTHER APPURTENANCES AND A TEMPORARY EASEMENT FOR CONSTRUCTION PURPOSES INCLUDING THE STORAGE OF MATERIALS DURING CONSTRUCTION FOR THE ENTIRE AREA. THE FOLLOWING LIMITATIONS SHALL BE IMPOSED ON THE PROPERTY BENEATH THE AREA AFFECTED BY THE AERIAL EASEMENT.

NO USE SHALL BE MADE OF THE PROPERTY WHICH SHALL ENDANGER THE STRUCTURE OR THE HEALTH, SAFETY OR WELFARE OF THE TRAVELING PUBLIC.

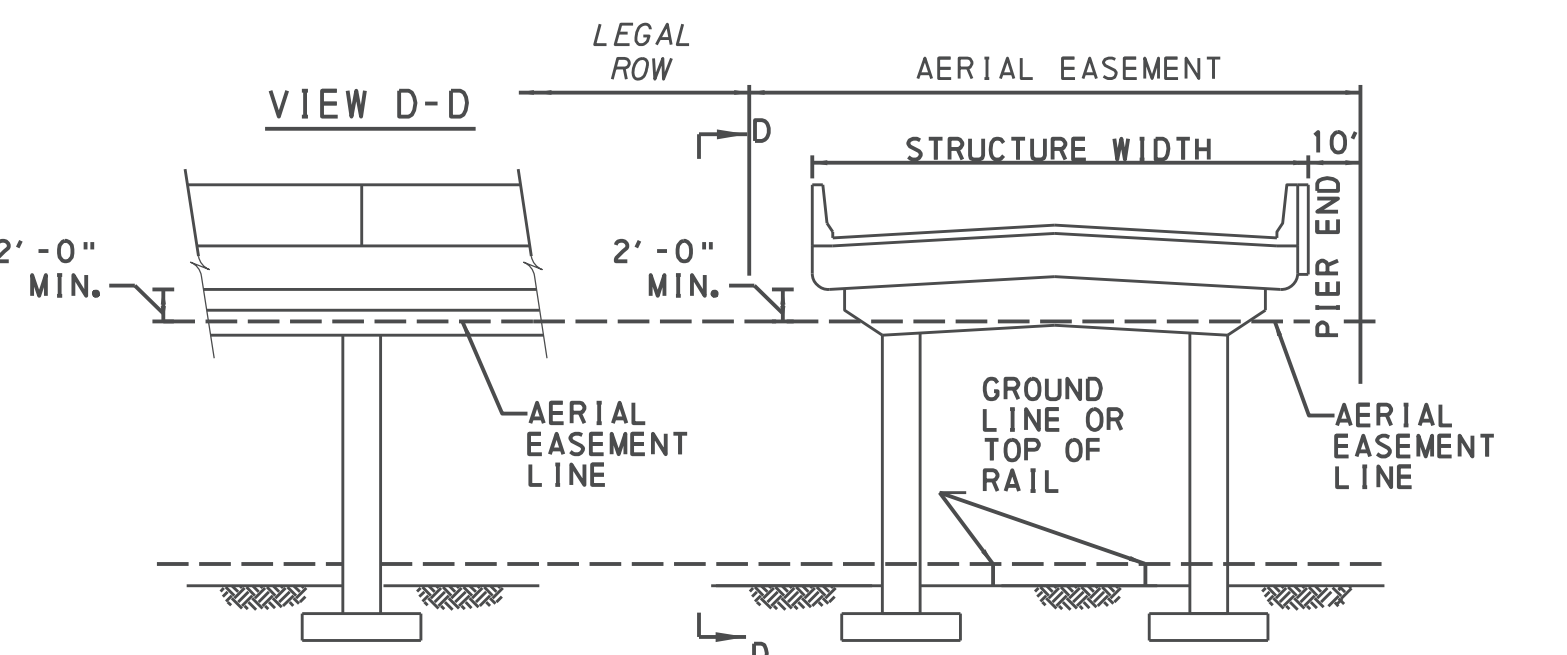
NO FLAMMABLE, EXPLOSIVE, DANGEROUS OR HAZARDOUS MATERIAL SHALL BE USED, PLACED OR STORED ON THE PROPERTY.

NO BUILDING OR OTHER FACILITY SHALL BE CONSTRUCTED ON THE PROPERTY WITHOUT PRIOR AUTHORITY OF THE DEPARTMENT OF TRANSPORTATION. IF AND WHEN SUCH AUTHORITY IS GRANTED, THE PLANS FOR THE BUILDING OR FACILITY AND CONSTRUCTION METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

NO INTERFERENCE SHALL BE MADE WITH THE RIGHT OF THE DEPARTMENT OF TRANSPORTATION TO ENTER UPON THE PROPERTY FOR THE PURPOSES OF INSPECTION, MAINTENANCE, REPAIR, PAINTING, RECONSTRUCTION OR ALTERATION OF THE STRUCTURE OR APPURTENANCES. MOVABLE ITEMS MAY HAVE TO BE REMOVED BY THE OWNER DURING SOME OR ALL OF THE ABOVE OPERATIONS.

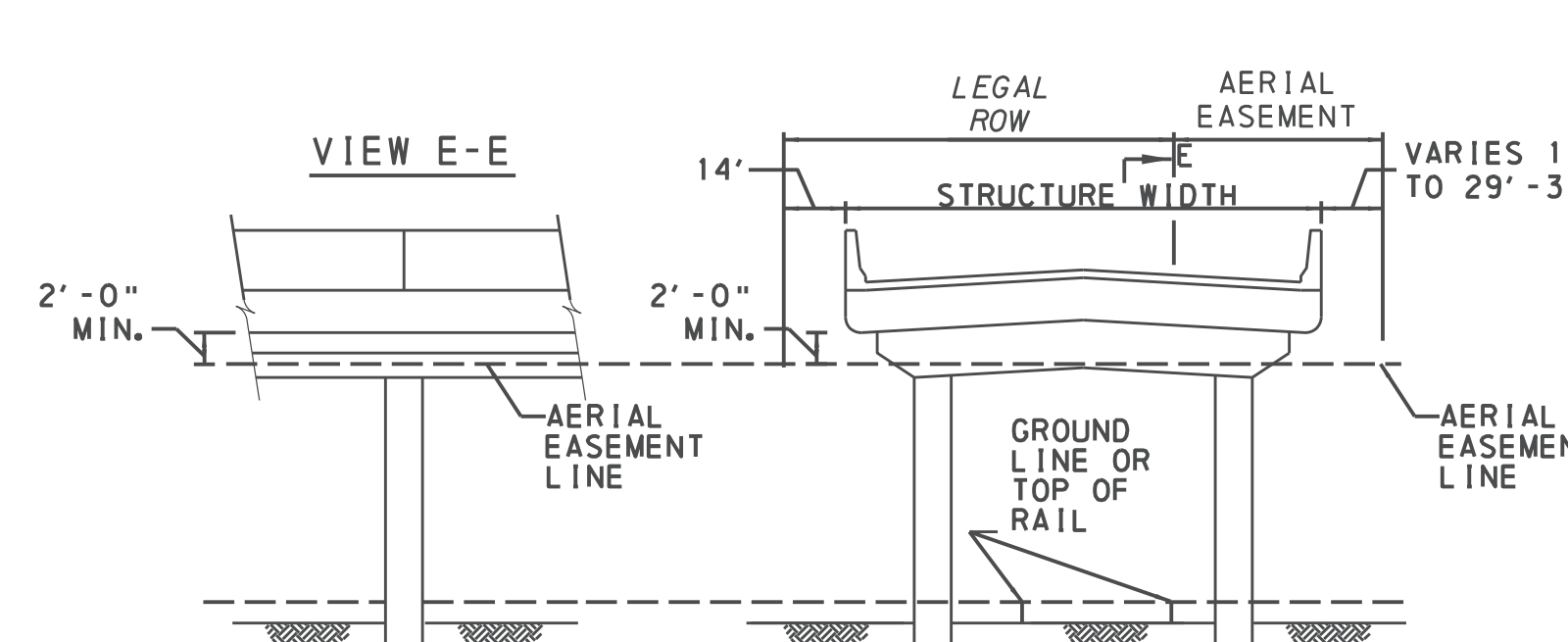
ANY SUBSTANTIAL CHANGE IN PROPERTY USE TO BE MADE SUBSEQUENT TO THE ACQUISITION OF THE EASEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

THE NOTES ON THESE DRAWINGS SHALL NOT BE CONSTRUED AS LIMITING OR INTERFERING IN ANY WAY WITH THE PRESENT AND FUTURE OPERATION, USE, MAINTENANCE, REPAIR, RENEWAL, CHANGE, ADDITION, BETTERMENT OR ALTERATION OF THE RAILROAD AND ITS SUPPORTING FACILITIES.



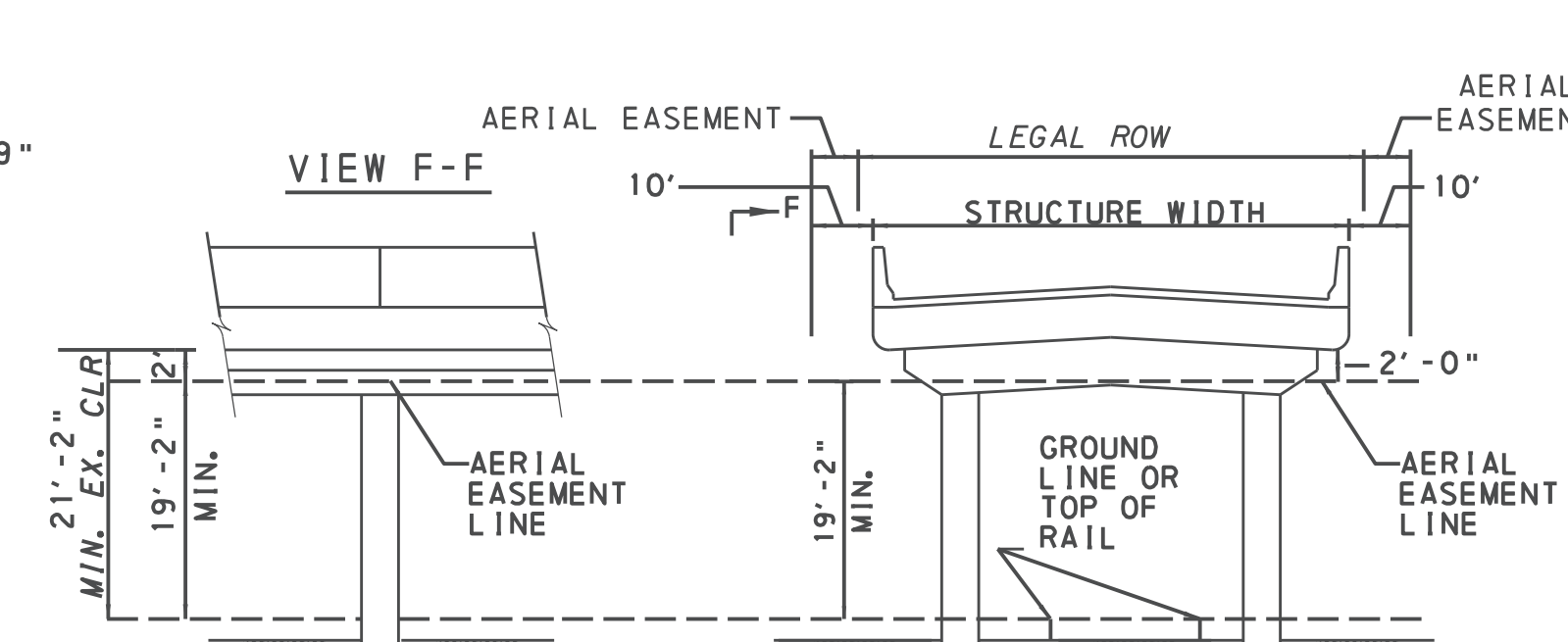
SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCELS 7 AND 8

N. T. S.
 SR 0378 NB FROM STA 207+67.41 TO STA 208+51.84
 SR 0378 NB FROM STA 209+46.15 TO STA 210+21.43



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 51

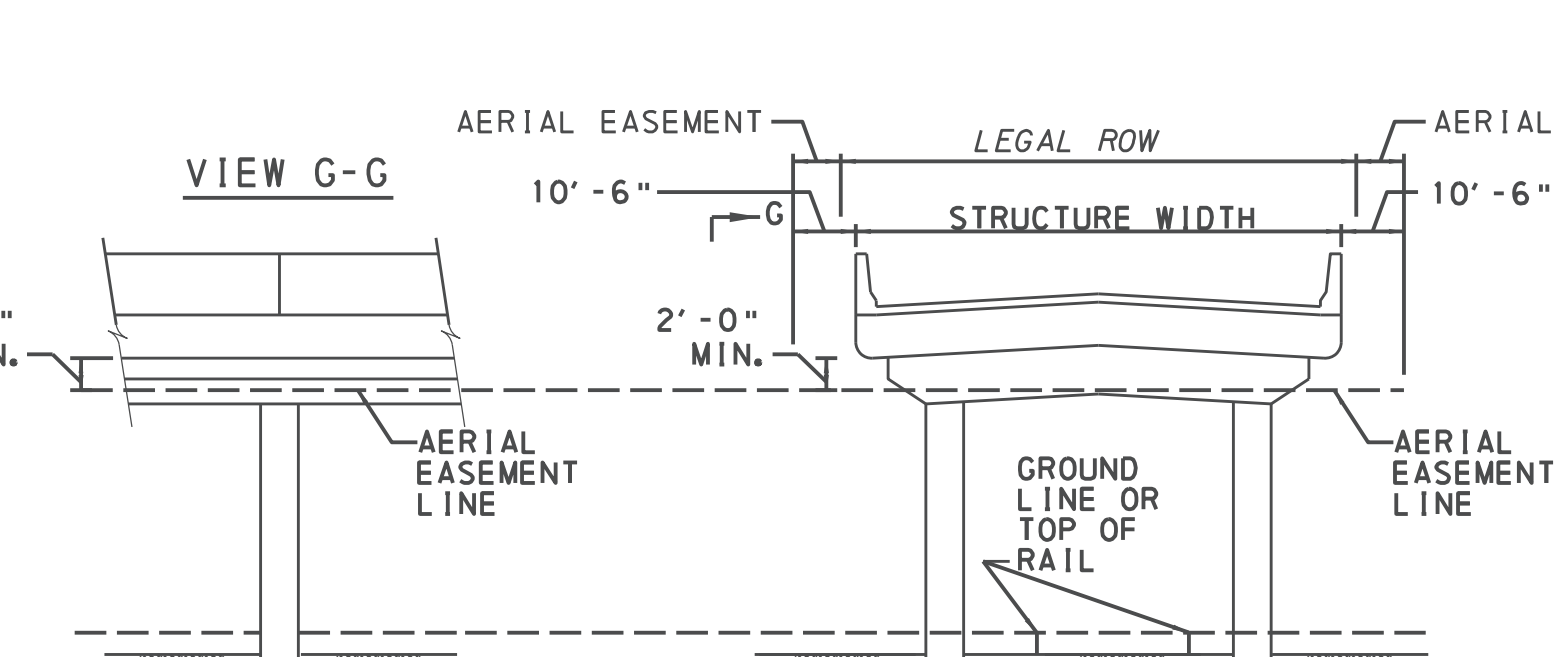
N. T. S.
 SR 0378 FROM STA 115+83.00 TO STA 117+33.41 LT
 SR 0378 NB FROM STA 214+41.00 TO STA 215+21.95 RT
 SR 0378 FROM STA 116+52.13 TO STA 117+27.88 RT



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 56

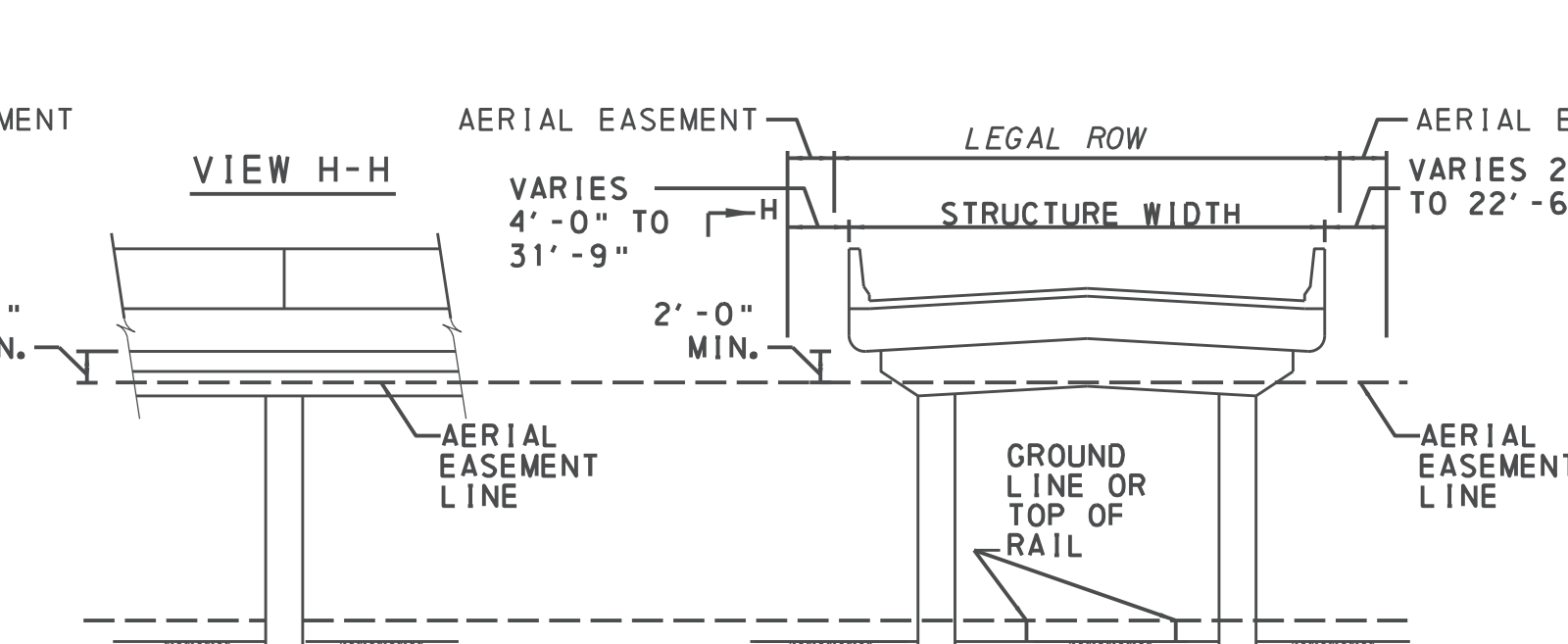
N. T. S.
 SR 0378 FROM STA 117+96.59 TO STA 118+98.89 LT
 SR 0378 FROM STA 119+14.50 TO STA 119+49.95 LT
 SR 0378 FROM STA 117+97.26 TO STA 118+96.88 RT
 SR 0378 FROM STA 119+78.65 TO STA 120+21.06 RT

USE OF AIRSPACE BENEATH THE ESTABLISHED GRADELINE OF THE HIGHWAY SHALL PROVIDE SUFFICIENT VERTICAL AND HORIZONTAL CLEARANCES FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, VENTILATION AND SAFETY OF THE HIGHWAY FACILITY. THE ESTATE ACQUIRED ABOVE THE AERIAL EASEMENT LINE MAY BE ENTERED ON BY MOVING VEHICLES SUCH AS TRUCKS OR RAILROAD ROLLING STOCK.



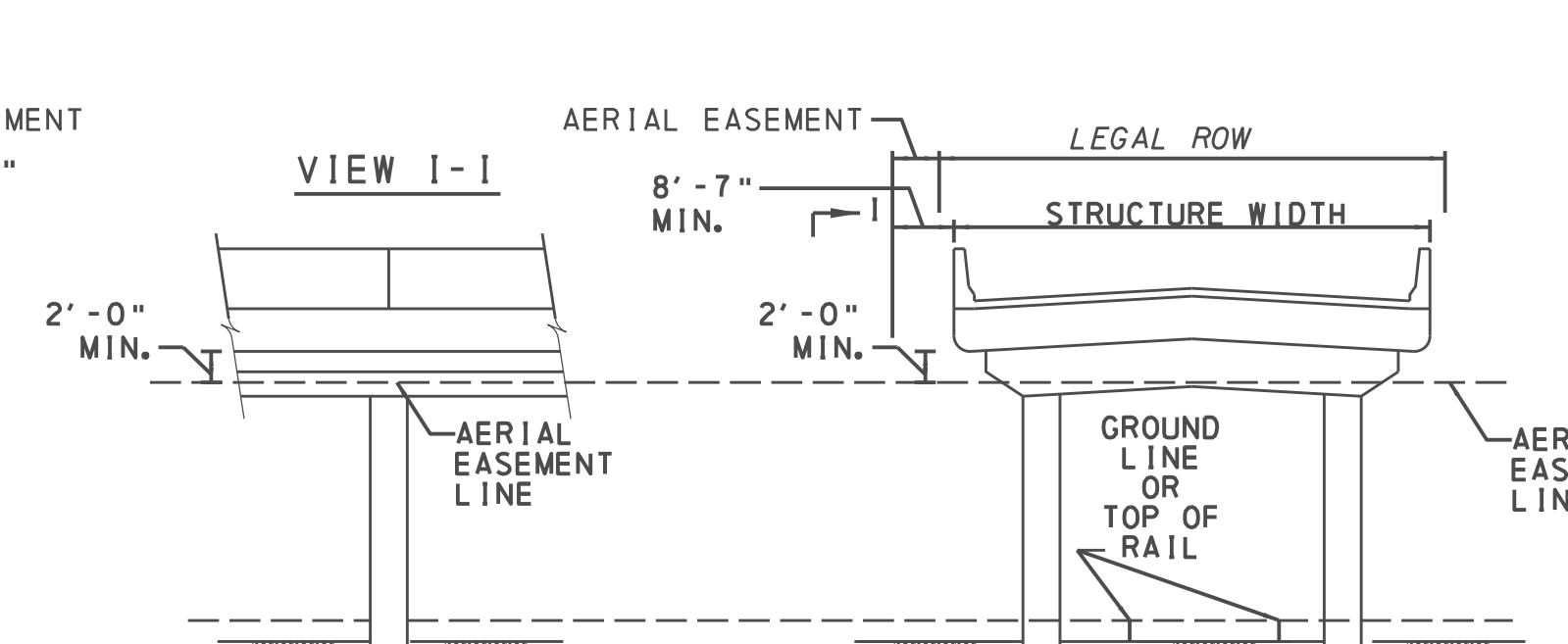
SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCELS 57 AND 58

N. T. S.
 SR 0378 FROM STA 118+98.89 TO STA 119+14.50 LT
 SR 0378 FROM STA 119+49.82 TO STA 120+79.52 LT
 SR 0378 FROM STA 118+96.88 TO STA 119+78.65 RT
 SR 0378 FROM STA 120+21.06 TO STA 120+71.58 RT



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 62

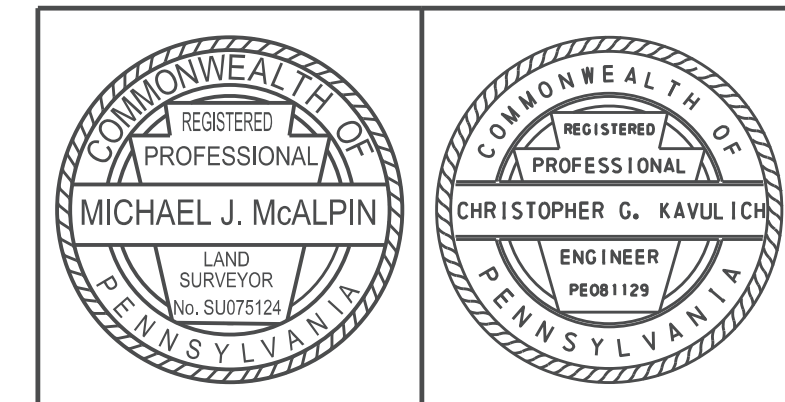
N. T. S.
 SR 0378 FROM STA 121+37.88 TO STA 122+43.78



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 63

N. T. S.
 SR 0378 FROM STA 122+27.97 TO STA 124+17.45

DATE
 FILENAME: ***DESIGN ILE***



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	6 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

SR 0378 NB SURVEY & R/W
 PI STA 201+59.21
 $\Delta = 30^{\circ}02'44''$
 $D = 11^{\circ}14'04''$
 $T = 136.87'$
 $L = 267.44'$
 $R = 510.00'$
 $E = 18.05'$
 $SE = 6.0\%$

SR 0378 NB SURVEY & R/W
 PI STA 211+84.88
 $\Delta = 12^{\circ}53'37''$
 $D = 5^{\circ}43'46''$
 $T = 113.00'$
 $L = 225.04'$
 $R = 1000.00'$
 $E = 6.36'$
 $SE = NORMAL CROWN$

SR 0378 NB SURVEY & R/W
 PI STA 214+09.91
 $\Delta = 12^{\circ}53'37''$
 $D = 5^{\circ}43'46''$
 $T = 113.00'$
 $L = 225.04'$
 $R = 1000.00'$
 $E = 6.36'$
 $SE = NORMAL CROWN$

SR 0378 SOUTH LEGAL R/W
 PI STA 18+02.01
 $\Delta = 30^{\circ}06'02''$
 $D = 28^{\circ}38'52''$
 $T = 53.78'$
 $L = 105.07'$
 $R = 200.00'$
 $E = 7.10'$

STA 101+84.78 SR 0378 SB SURVEY & R/W
 STA 46+40.44 THIRD STREET SURVEY & R/W
 STA 200+47.10 SR 0378 NB SURVEY & R/W
 STA 46+28.52 THIRD STREET SURVEY & R/W

SR 0378 SURVEY & R/W
 PI STA 125+73.56
 $\Delta = 1^{\circ}37'27''$
 $D = 1^{\circ}52'41''$
 $T = 43.24'$
 $L = 86.47'$
 $R = 3050.61'$
 $E = 0.31'$
 $SE = 2.00\%$

SR 0378 SB SURVEY & R/W
 PI STA 102+84.46
 $\Delta = 35^{\circ}06'30''$ LT
 $D = 13^{\circ}03'05''$
 $T = 138.87'$
 $L = 269.00'$
 $R = 439.00'$
 $E = 21.44'$
 $SE = -5.0\%$

SR 0378 SURVEY & R/W
 PI STA 128+47.61
 $\Delta = 9^{\circ}00'53''$
 $D = 1^{\circ}57'24''$
 $T = 230.82'$
 $L = 460.68'$
 $R = 2928.04'$
 $E = 9.08'$
 $SE = NORMAL CROWN$
 $SE = 4.00\%$ SB
 $SE = 4.50\%$ NB

SR 0378 SB SURVEY & R/W
 PI STA 107+64.62
 $\Delta = 5^{\circ}03'46''$ RT
 $D = 7^{\circ}38'22''$
 $T = 33.16'$
 $L = 66.27'$
 $R = 750.00'$
 $E = 0.73'$
 $SE = -2.0\%$

STA 108+35.73 SR 0378 SB SURVEY & R/W
 STA 2+57.40 BRIGHTON STREET SURVEY & R/W
 STA 308+87.17 SECOND STREET RAMP SURVEY & R/W
 STA 2+81.45 BRIGHTON STREET SURVEY & R/W
 STA 108+62.22 SR 0378 SURVEY & R/W
 STA 108+62.22 SR 0378 SB SURVEY & R/W, 6.00' RT
 STA 308+62.22 SECOND STREET RAMP SURVEY & R/W, 18.00' RT

SECOND STREET RAMP SURVEY & R/W
 PI STA 310+55.76
 $\Delta = 68^{\circ}04'21''$
 $D = 23^{\circ}28'55''$
 $T = 164.80'$
 $L = 289.89'$
 $R = 244.00'$
 $E = 50.44'$
 $SE = 4.00\%$

SECOND STREET RAMP TO NB BRIDGE SURVEY & R/W
 PI STA 405+64.65
 $\Delta = 68^{\circ}04'21''$
 $D = 21^{\circ}42'11''$
 $T = 178.31'$
 $L = 313.66'$
 $R = 264.00'$
 $E = 54.58'$
 $SE = 4.00\%$

SECOND STREET RAMP SURVEY & R/W
 PI STA 316+29.03
 $\Delta = 72^{\circ}04'09''$
 $D = 20^{\circ}50'05''$
 $T = 200.05'$
 $L = 345.91'$
 $R = 275.00'$
 $E = 65.07'$
 $SE = MATCH EXISTING$

SECOND STREET SPUR SURVEY & R/W
 PI STA 20+90.62
 $\Delta = 21^{\circ}40'16''$
 $D = 124^{\circ}33'22''$
 $T = 8.80'$
 $L = 17.40'$
 $R = 46.00'$
 $E = 0.84'$
 $SE = NORMAL CROWN$

STA. EQ.
 POB 10+00.00 (SOUTH)
 POB 161+41.11 (NORTH)

STA 215+21.95 SR 0378 NB SURVEY & R/W
 STA 116+52.13 SR 0378 SURVEY & R/W
 STA 124+95.95 SR 0378 SURVEY & R/W
 STA 90+00.00 SPRING STREET RAMP SURVEY & R/W

RIVERSIDE DR SURVEY & R/W
 PI STA 76+45.88
 $\Delta = 13^{\circ}30'20''$
 $D = 8^{\circ}11'06''$
 $T = 82.88'$
 $L = 165.00'$
 $R = 700.00'$
 $E = 4.89'$
 $SE = MATCH EXISTING$

RIVERSIDE DR SURVEY & R/W
 PI STA 78+12.06
 $\Delta = 27^{\circ}00'39''$
 $D = 16^{\circ}22'13''$
 $T = 84.06'$
 $L = 165.00'$
 $R = 350.00'$
 $E = 9.95'$
 $SE = MATCH EXISTING$

RIVERSIDE DR SURVEY & R/W
 PI STA 79+80.28
 $\Delta = 24^{\circ}02'11''$
 $D = 13^{\circ}58'29''$
 $T = 87.28'$
 $L = 172.00'$
 $R = 410.00'$
 $E = 9.19'$
 $SE = MATCH EXISTING$

RIVERSIDE DR SURVEY & R/W
 PI STA 82+68.64
 $\Delta = 27^{\circ}56'14''$
 $D = 6^{\circ}59'56''$
 $T = 203.64'$
 $L = 399.17'$
 $R = 818.65'$
 $E = 24.95'$
 $SE = MATCH EXISTING$

STA 109+17.78 SR 0378 SURVEY & R/W
 STA 76+34.10 RIVERSIDE DRIVE SURVEY & R/W

STA 207+59.13 SR 0378 NB SURVEY & R/W
 STA 76+90.27 RIVERSIDE DRIVE SURVEY & R/W

STA 207+00.00 SR 0378 NB SURVEY & R/W
 STA 403+86.34 SECOND STREET RAMP TO NB BRIDGE SURVEY & R/W

STA 205+77.99 SR 0378 NB SURVEY & R/W
 STA 310+18.19 SECOND STREET RAMP SURVEY & R/W

STA 312+29.31 SECOND STREET RAMP SURVEY & R/W
 STA 407+00.00 SECOND STREET RAMP TO NB BRIDGE SURVEY & R/W

STA 20+00.00 SECOND STREET SPUR SURVEY & R/W
 STA 84+20.29 RIVERSIDE DRIVE SURVEY & R/W

STA 21+51.63 SECOND STREET SPUR SURVEY & R/W
 STA 316+07.76 SECOND STREET RAMP SURVEY & R/W

STA 318+73.95 SECOND STREET RAMP SURVEY & R/W
 STA 40+54.09 THIRD STREET SURVEY & R/W

STA 123+67.11 SR 0378 SURVEY & R/W, 20.00' RT
 STA 0+00.00 MAIN STREET RAMP SPUR SURVEY & R/W

STA 124+97.01 SR 0378 SURVEY & R/W
 STA 4+19.35 MAIN STREET RAMP SURVEY & R/W

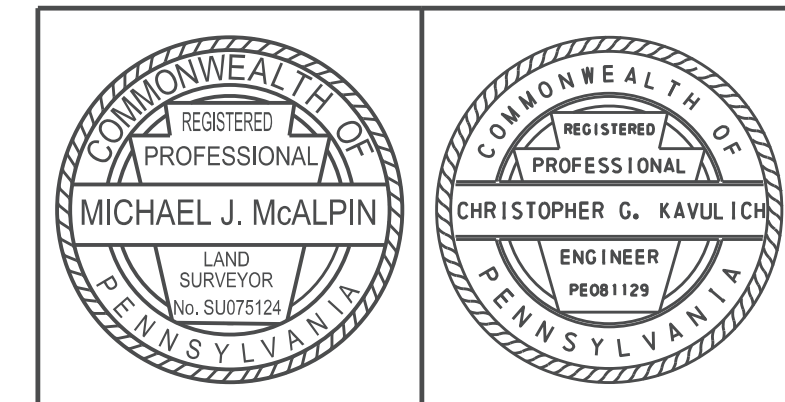
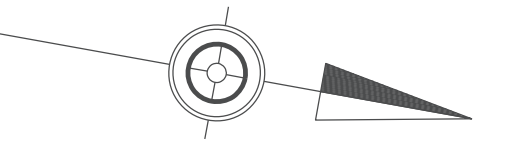
STA 5+24.32 MAIN STREET RAMP SURVEY & R/W, 13.86' RT
 STA 1+85.84 MAIN STREET RAMP SPUR SURVEY & R/W

MAIN STREET RAMP SPUR SURVEY & R/W
 PI STA 1+23.15
 $\Delta = 70^{\circ}12'31''$
 $D = 47^{\circ}44'47''$
 $T = 84.35'$
 $L = 147.04'$
 $R = 120.00'$
 $E = 26.68'$
 $SE = NORMAL CROWN$

THIRD STREET SURVEY & R/W
 PI STA 34+21.75
 $\Delta = 0^{\circ}47'40''$
 $D = 3^{\circ}00'00''$
 $T = 13.24'$
 $L = 26.48'$
 $R = 1909.86'$
 $E = 0.05'$

THIRD STREET SURVEY & R/W
 PI STA 40+20.85
 $\Delta = 0^{\circ}55'21''$
 $D = 3^{\circ}00'00''$
 $T = 15.38'$
 $L = 30.75'$
 $R = 1909.86'$
 $E = 0.06'$
 $SE = NORMAL CROWN$

THIRD STREET SURVEY & R/W
 PI STA 46+30.20
 $\Delta = 5^{\circ}12'07''$
 $D = 5^{\circ}00'00''$
 $T = 52.06'$
 $L = 104.04'$
 $R = 1145.92'$
 $E = 1.18'$
 $SE = NORMAL CROWN$



DATE
 FILENAME: ***DESIGN FILE***

SUMMARY OF CONTROL POINT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

POINT NO.	COORDINATES		ELEV.	DESCRIPTION
	NORTH	EAST		
1	474966.0982	2625321.3291	272.435	IP W/CAP
2	474974.5153	2625487.5032	261.397	MAG
3	474851.8578	2625869.1764	241.257	IP W/CAP
4	475166.5589	2625266.7222	268.573	MAG
5	475553.7111	2625198.7048	268.903	MAG
6	475879.9722	2625138.9681	268.734	MAG
7	476211.3301	2625079.5309	268.911	MAG
8	476716.0735	2625003.5988	268.868	MAG
9	476917.2719	2625266.9894	268.905	MAG
10	477235.1939	2625729.5862	267.873	MAG
11	476909.1394	2624960.3932	267.417	MAG
12	477154.4979	2624937.8870	268.613	MAG
13	477358.2011	2624932.9990	270.779	MAG
14	474798.4831	2625352.8992	278.652	IP W/CAP
15	474641.1660	2625556.9389	264.555	IP W/CAP
16	474526.0954	2625299.7366	292.023	MAG
17	475898.7854	2624631.1389	233.002	IP W/CAP
18	475974.1439	2624848.7472	232.754	IP W/CAP
19	476027.0777	2625003.7466	232.784	IP W/CAP
20	476064.7714	2625226.4379	233.127	IP W/CAP
21	476103.8464	2625492.3835	238.940	MAG
22	476125.8564	2625614.1311	233.635	IP W/CAP
23	476163.8475	2625843.3712	232.812	IP W/CAP
24	476222.0259	2626156.5935	230.290	MAG
25	476281.2543	2626247.9000	231.040	MAG
26	476264.1892	2626328.6427	231.397	IP W/CAP
27	476268.4593	2626480.1936	226.006	IP W/CAP
28	476298.7664	2626654.6917	227.097	IP W/CAP
29	476366.6814	2626152.5671	233.733	MAG
30	476421.9853	2626174.1596	234.154	MAG

SUMMARY OF R/W BREAK POINTS

* EASEMENT FOR HIGHWAY PURPOSES *

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	OFFSET	COORDINATES	
			NORTH	EAST
RIVERSIDE DRIVE SURVEY & R/W	76+68	9.41' LT	475225.1497	2625265.9315
	76+96	29.72' LT	475235.6802	2625300.1036
	76+96	65.81' LT	475270.1902	2625310.6652
SR 0378 SURVEY & R/W	109+71	83.59' RT	475292.1032	2625303.7823
	109+71	34.40' RT	475283.3756	2625255.3757

NOTE: FOUR (4) DECIMAL PLACE COORDINATES ARE USED FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY A PRECISION BEYOND TWO (2) PLACES.

SUMMARY OF R/W BREAK POINTS

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	OFFSET	COORDINATES	
			NORTH	EAST
SR 0378 SURVEY & R/W	123+03	33' RT	476593.8605	2625017.7978
	123+07	36' RT	476597.8716	2625020.2763
	123+67	81' RT	476665.3539	2625053.3464
	123+75	83' RT	476673.5867	2625054.5961
THIRD STREET SURVEY & R/W	43+87.64	229.37' RT	474759.0296	2625572.7839
	43+87.64	103.03' RT	474633.2209	2625584.3277
	44+23	55' RT	474581.9583	2625553.1984
SECOND STREET RAMP SURVEY & R/W	313+38	125' RT	474794.6297	2625582.4988
	CONNECTS TO THIRD STREET ABOVE			
RIVERSIDE DRIVE SURVEY & R/W	76+69	6' LT	475221.8663	2625266.5268
	76+68	9' LT	475225.1497	2625265.9315
	76+96	30' LT	475235.6802	2625300.1036
	76+96	34.00' LT	475239.7716	2625301.3557
	77+28.00	34.00' LT	475228.3335	2625332.8571
	77+50	34.00' LT	475218.7705	2625355.2947
	77+92	43' LT	475204.9944	2625400.2582
	77+96	26' LT	475187.7250	2625394.9731
	82+92	27.00' LT	474965.6984	2625813.4106

⊕ = PROPOSED MONUMENT LOCATION

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
DRIVEWAY NO. 4 CONSTR	10+00.00	POB	475148.7077	2625262.9964	S 82° 09' 10" W
	11+55.91	POE	475191.4985	2625119.8986	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0378 LEGAL R/W (NORTH)	161+41.11	POB	475308.3675	2625215.7826	N 10° 16' 32.00" W
	177+00.00	POE	476842.2570	2624937.7036	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0378 LEGAL R/W (SOUTH)	10+00.00	POB	474572.1382	2625349.2537	S 10° 16' 32.00" E
	17+48.23	PC	475308.3675	2625215.7826	
	18+02.01	PI	474519.2227	2625358.8467	
	18+53.30	PT	474572.1382	2625349.2537	
	19+99.99	POE	474330.6359	2625290.8583	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0378 SURVEY & R/W	108+62.22	POB	475170.0645	2625240.8556	N 10° 13' 14.00" W
	124+12.12	PI	476695.3688	2624965.8456	
	125+30.32	PC	476811.6952	2624944.8721	N 10° 13' 14.00" W
	125+73.56	PI	476854.3094	2624937.5506	
	126+16.79	PCC	476897.1139	2624931.4397	N 8° 07' 29.00" W
	128+47.61	PI	477125.3278	2624896.8726	
	130+77.47	PT	477356.1391	2624898.4904	N 0° 24' 06.00" E

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0378 NORTHBOUND SURVEY & R/W	198+00.00	POB	474274.8579	2625270.7495	N 19° 49' 30.00" E
	200+22.34	PC	474484.0185	2625346.1551	
	201+59.21	PI	474612.7779	2625392.5748	N 10° 13' 14.00" W
	202+89.78	PT	474747.4773	2625368.2887	
	210+71.88	PC	475517.1685	2625229.5146	N 23° 06' 51.00" W
	211+84.88	PI	475628.3712	2625209.4649	
	212+96.92	PRC	475732.2960	2625165.1068	N 10° 13' 14.00" W
	214+09.91	PI	475836.2210	2625120.7486	
	215+21.95	PT	475947.4237	2625100.6989	N 10° 13' 14.00" W
	215+69.84	POE	475994.5506	2625092.2020	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0378 SOUTHBOUND SURVEY & R/W	99+90.92	POB	474325.2860	2625278.2996	N 19° 49' 30.00" E
	101+51.06	PC	474475.9270	2625332.6080	
	104+20.06	PT	474740.5304	2625343.1006	N 15° 17' 00.00" W
	107+31.46	PC	475040.9250	2625261.0157	
	107+97.74	PT	475105.5414	2625246.3922	N 10° 13' 14.00" W
	108+62.22	POE	475168.9998	2625234.9508	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SECOND STREET RAMP	308+62.22	POB	475173.2583	2625258.5699	S 10° 13' 14.00" E
	308+90.95	PC	475144.9820	2625263.6681	
	310+55.76	PI	474982.7923	2625292.9107	S 78° 17' 35.00" E
	311+80.85	PT	474949.3524	2625454.2873	
	314+28.98	PC	474899.0054	2625697.2555	S 6° 13' 26.00" E
	316+29.03	PI	474858.4134	2625893.1470	
	317+74.88	PT	474659.5397	2625914.8355	S 9° 08' 30.00" E
	318+67.65	PI	474567.3165	2625924.8930	
	318+73.95	POE	474561.0965	2625925.8939	

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SECOND STREET SPUR	403+86.34	PC	475151.1832	2625295.5011	S 10° 13' 14.00" E
	405+64.65	PI	474975.6993	2625327.1406	
	407+00.00	PT	474939.5184	2625501.7448	S 78° 17' 35.00" E

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
RIVERSIDE DRIVE	73+91.00	POB	475261.1163	2624990.7343	S 82° 14' 29" E
	75+63.00	PC	475237.8966	2625161.1598	
	76+45.88	PI	475226.7074	2625243.2851	S 68° 44' 10" E
	77+28.00	PCC	475196.6482	2625320.5265	
	78+12.06	PI	475166.1617	2625398.8661	S 41° 43' 31" E
	78+93.00	PRC	475103.4218	2625454.8148	
	79+80.28	PI	475038.2779	2625512.9072	S 65° 45' 41" E
	80+65.00	PCC	475002.4447	2625592.4965	
	82+68.64	PI	474918.8448	2625778.1804	N 86° 18' 05" E
	84+64.17	PT	474931.9810	2625981.3919	
87+00.00	POE	474947.1939	2626216.7307		

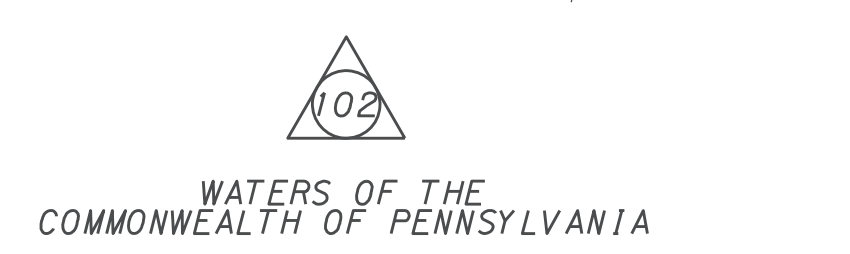
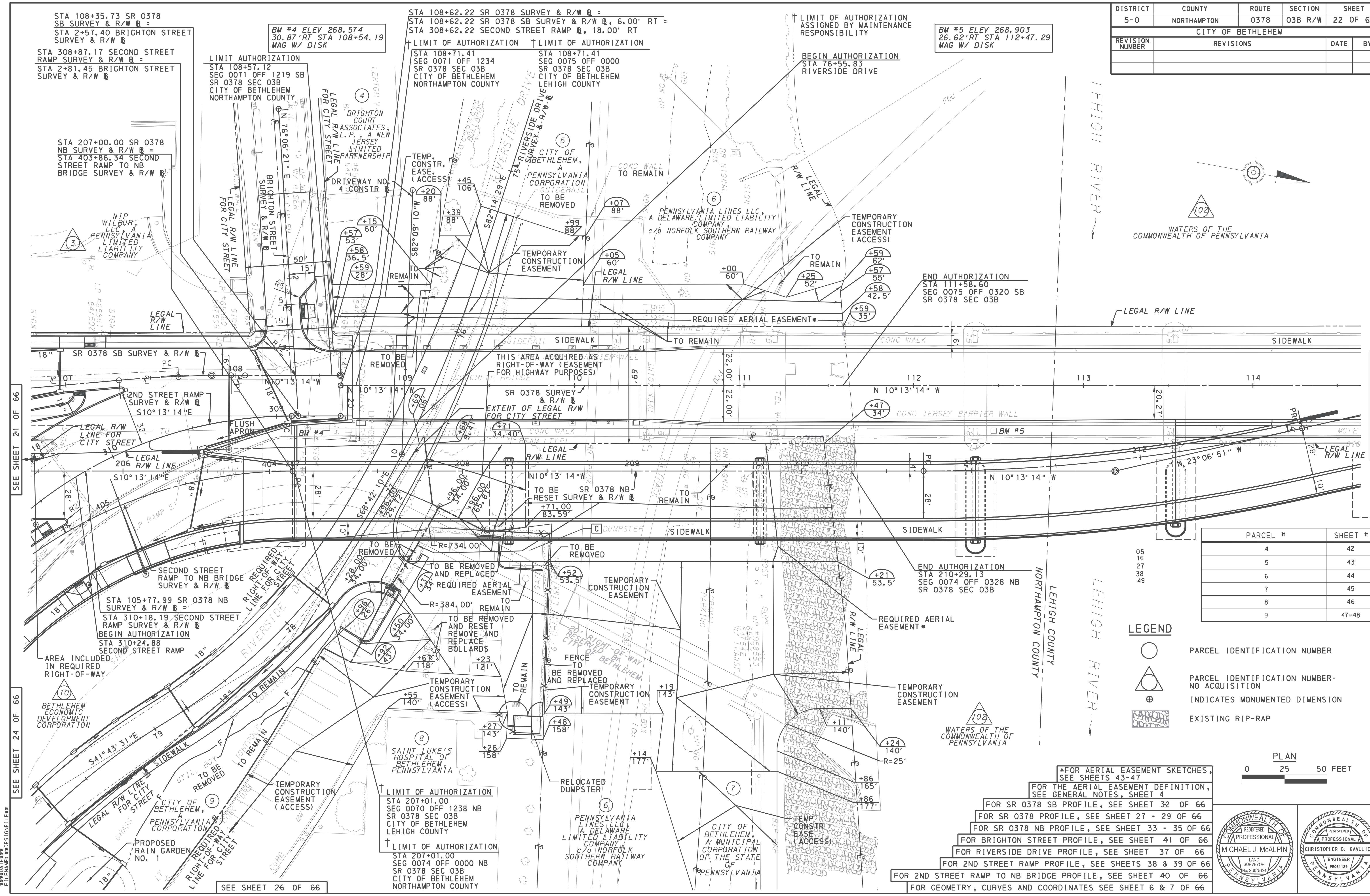
DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	7 OF 66	
CITY OF BETHLEHEM					
REVISION NUMBER	REVISIONS			DATE	BY

SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE), NAD 83

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
THIRD STREET	33+00.00	POB	474616.7490	2626677.9140	S 86° 28' 28.00" W
	34+08.51	PC	474610.0763	2626569.6093	
	34+21.75	PI	474609.2621	2626556.3934	S 85° 40' 48.00" W
	34+34.99	PT	474608.2647	2626543.1901	
	40+05.47	PC	474565.2923	2625974.3319	S 84° 45' 27.00" W
	40+20.85	PI	474564.1342	2625959.0002	
	40+36.22	PT	474562.7293	2625943.6892	S 79° 33' 20.00" W
	45+78.14	PC	474513.2134	2625404.0361	
	46+30.20	PI	474508.4570	2625352.1984	
	46+82.18	PT	474499.0203	2625301.0055	

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON	0378	03B R/W	22 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

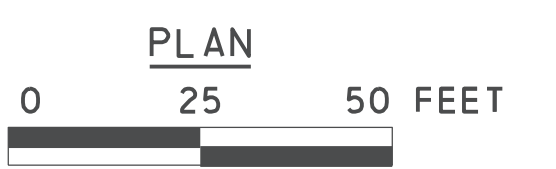


WATERS OF THE COMMONWEALTH OF PENNSYLVANIA

PARCEL #	SHEET #
4	42
5	43
6	44
7	45
8	46
9	47-48

LEGEND

- PARCEL IDENTIFICATION NUMBER
- PARCEL IDENTIFICATION NUMBER-NO ACQUISITION
- INDICATES MONUMENTED DIMENSION
- EXISTING RIP-RAP



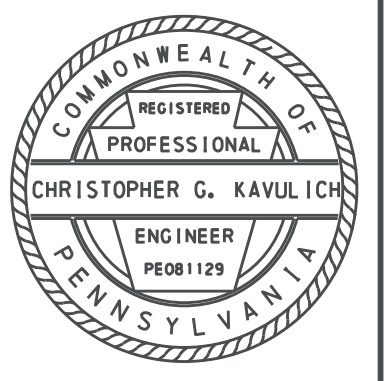
SEE SHEET 21 OF 66

SEE SHEET 24 OF 66

SEE SHEET 23 OF 66

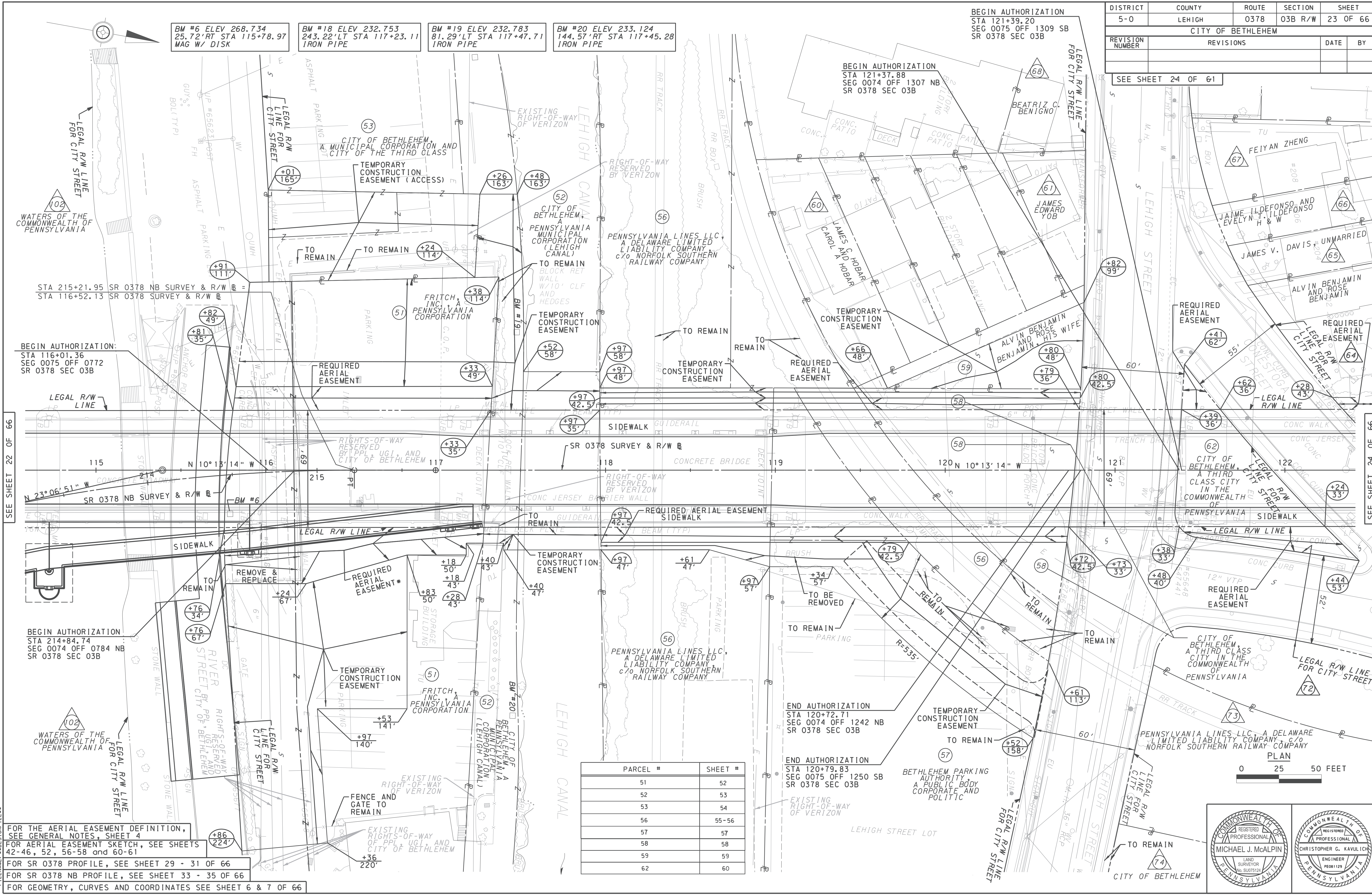
SEE SHEET 26 OF 66

- *FOR AERIAL EASEMENT SKETCHES, SEE SHEETS 43-47
- FOR THE AERIAL EASEMENT DEFINITION, SEE GENERAL NOTES, SHEET 4
- FOR SR 0378 SB PROFILE, SEE SHEET 32 OF 66
- FOR SR 0378 PROFILE, SEE SHEET 27 - 29 OF 66
- FOR SR 0378 NB PROFILE, SEE SHEET 33 - 35 OF 66
- FOR BRIGHTON STREET PROFILE, SEE SHEET 41 OF 66
- FOR RIVERSIDE DRIVE PROFILE, SEE SHEET 37 OF 66
- FOR 2ND STREET RAMP PROFILE, SEE SHEETS 38 & 39 OF 66
- FOR 2ND STREET RAMP TO NB BRIDGE PROFILE, SEE SHEET 40 OF 66
- FOR GEOMETRY, CURVES AND COORDINATES SEE SHEET 6 & 7 OF 66



DATE: 08/11/11
 FILENAME: 03DESIGNFILE

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	23 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY
SEE SHEET 24 OF 61				



BM #6 ELEV 268.734
25.72' RT STA 115+78.97
MAG W/ DISK

BM #18 ELEV 232.753
243.22' LT STA 117+23.11
IRON PIPE

BM #19 ELEV 232.783
81.29' LT STA 117+47.71
IRON PIPE

BM #20 ELEV 233.124
144.57' RT STA 117+45.28
IRON PIPE

BEGIN AUTHORIZATION
STA 121+39.20
SEG 0075 OFF 1309 SB
SR 0378 SEC 03B

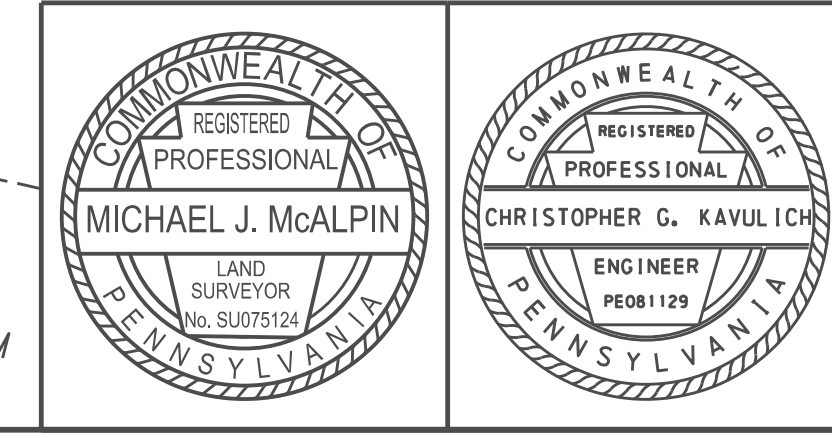
BEGIN AUTHORIZATION
STA 121+37.88
SEG 0074 OFF 1307 NB
SR 0378 SEC 03B

END AUTHORIZATION
STA 120+72.71
SEG 0074 OFF 1242 NB
SR 0378 SEC 03B

END AUTHORIZATION
STA 120+79.83
SEG 0075 OFF 1250 SB
SR 0378 SEC 03B

PARCEL #	SHEET #
51	52
52	53
53	54
56	55-56
57	57
58	58
59	59
62	60

0 25 50 FEET



FOR THE AERIAL EASEMENT DEFINITION, SEE GENERAL NOTES, SHEET 4

FOR AERIAL EASEMENT SKETCH, SEE SHEETS 42-46, 52, 56-58 AND 60-61

FOR SR 0378 PROFILE, SEE SHEET 29 - 31 OF 66

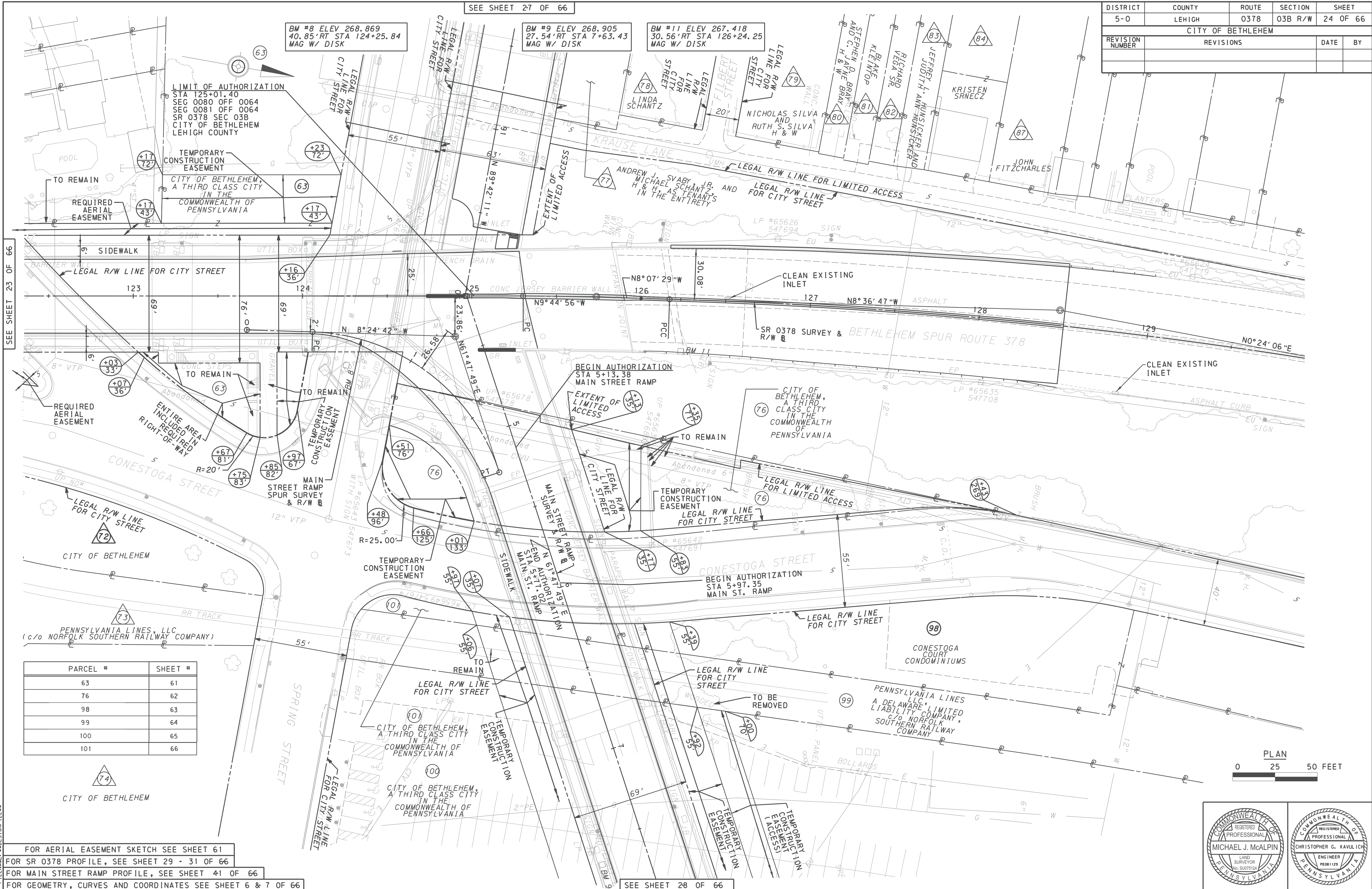
FOR SR 0378 NB PROFILE, SEE SHEET 33 - 35 OF 66

FOR GEOMETRY, CURVES AND COORDINATES SEE SHEET 6 & 7 OF 66

SEE SHEET 22 OF 66

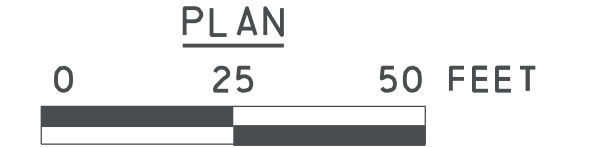
SEE SHEET 24 OF 66

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	24 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY



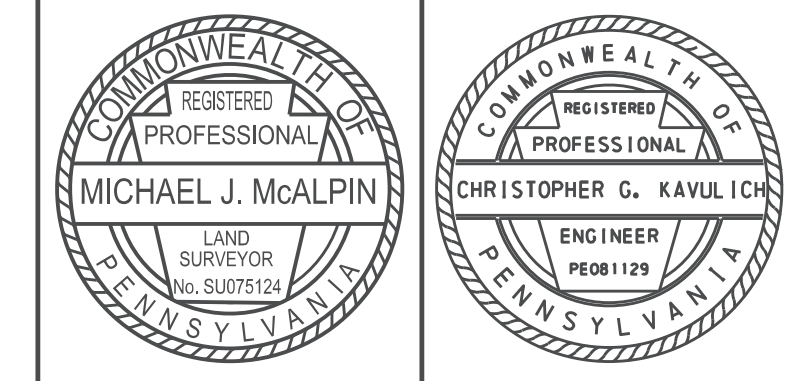
SEE SHEET 23 OF 66

PARCEL #	SHEET #
63	61
76	62
98	63
99	64
100	65
101	66



FOR AERIAL EASEMENT SKETCH SEE SHEET 61
 FOR SR 0378 PROFILE, SEE SHEET 29 - 31 OF 66
 FOR MAIN STREET RAMP PROFILE, SEE SHEET 41 OF 66
 FOR GEOMETRY, CURVES AND COORDINATES SEE SHEET 6 & 7 OF 66

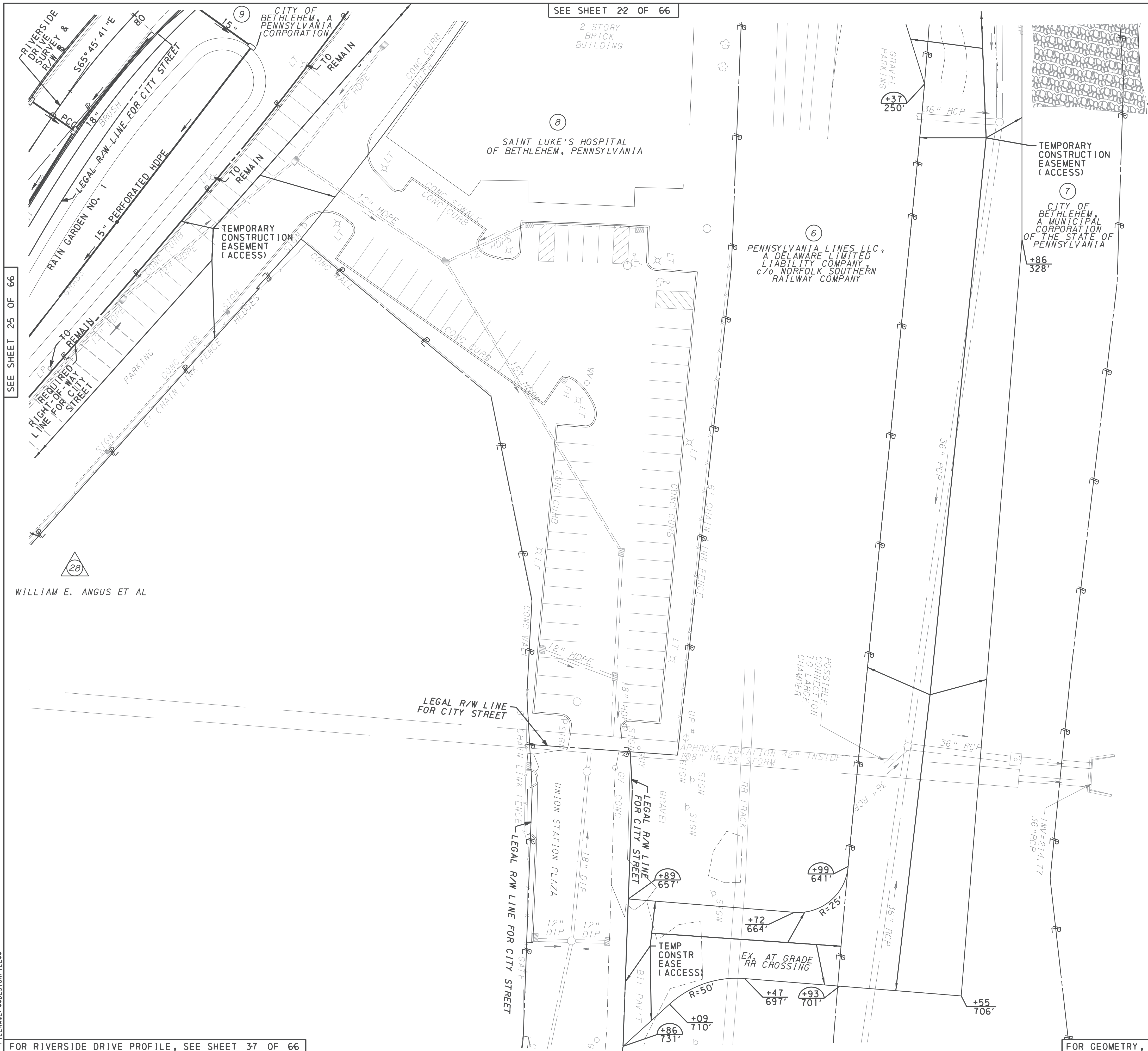
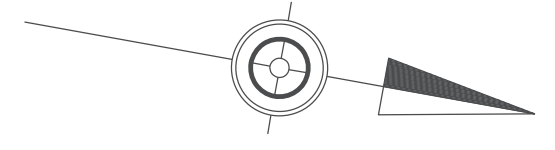
SEE SHEET 28 OF 66



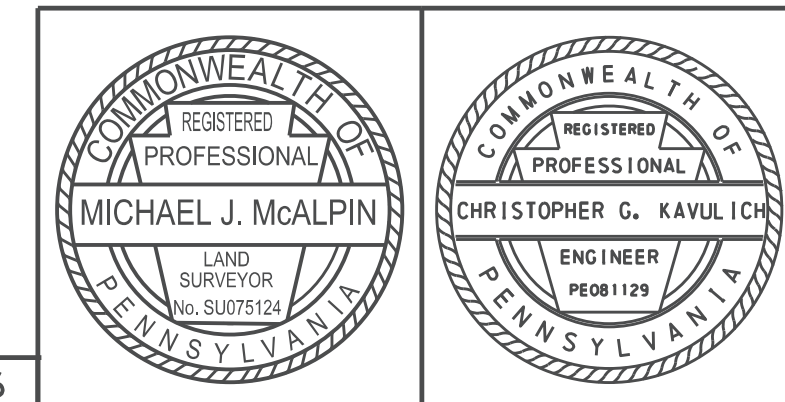
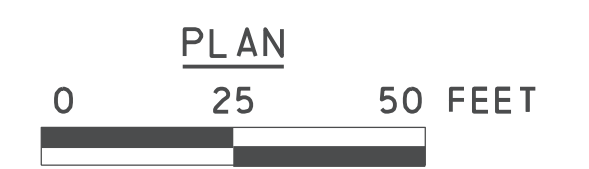
SEE SHEET 25 OF 66

SEE SHEET 22 OF 66

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON	0378	03B R/W	26 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY



PARCEL #	SHEET #
6	44
7	45
8	46
9	47-48

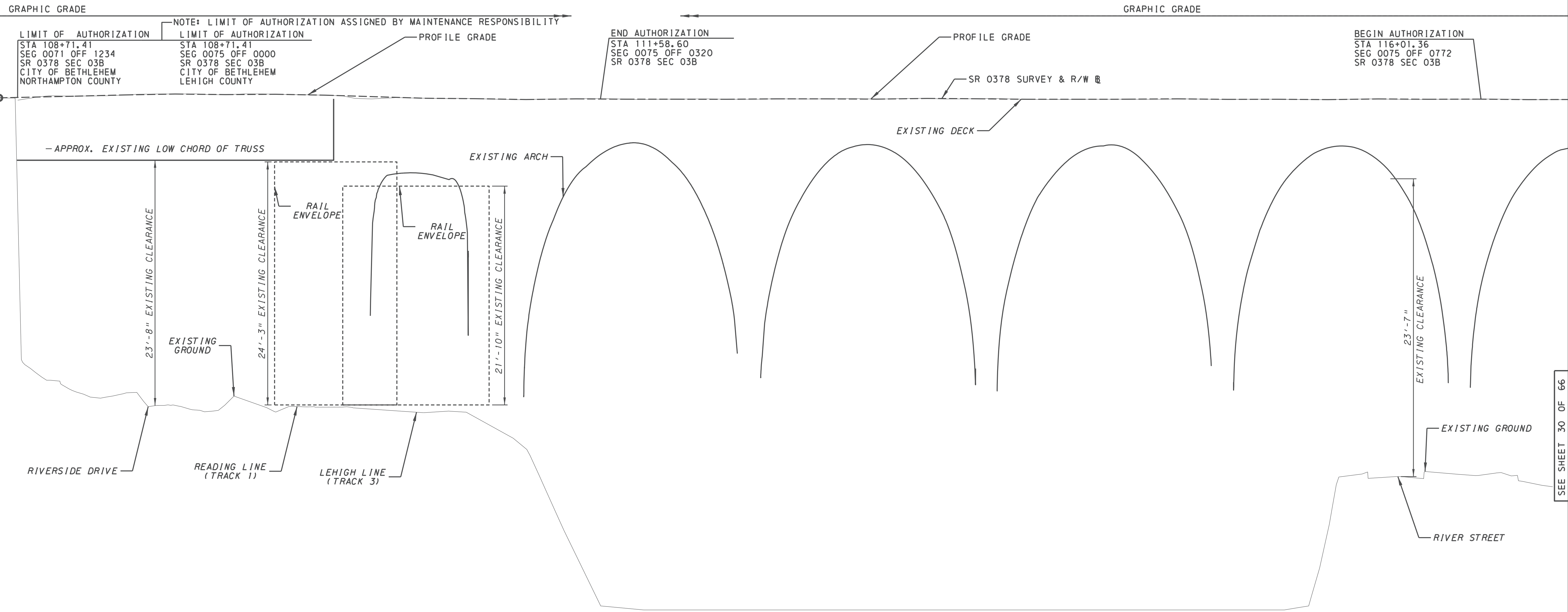


FOR RIVERSIDE DRIVE PROFILE, SEE SHEET 37 OF 66

FOR GEOMETRY, CURVES AND COORDINATES SEE SHEET 6 & 7 OF 66

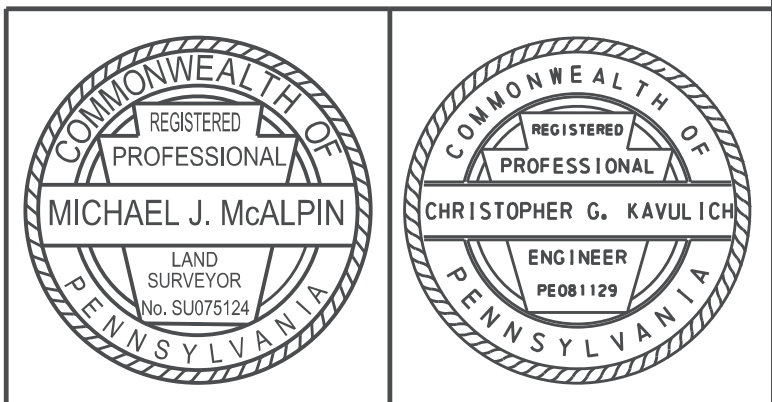
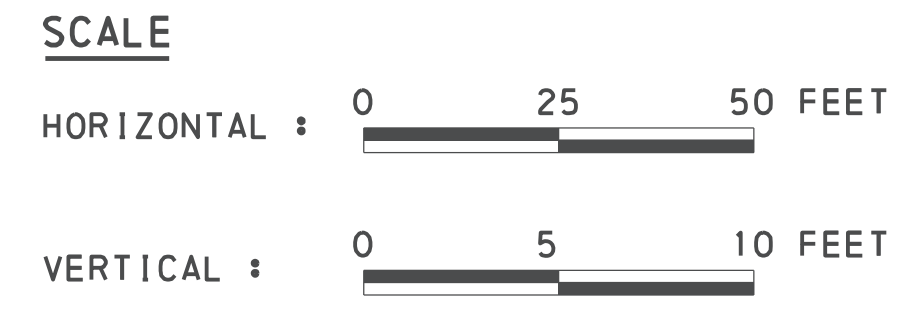
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	29 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY



DATUM	268.1	268.15	268.21	268.32	268.44	268.53	268.47	268.50	268.41	268.26	268.7	268.11	268.07	267.98	268.05	268.02	268.02	268.01	268.05	268.05	268.02	268.02	268.10	268.06	268.09	268.00	268.02	268.04	268.00	268.01	267.98	268.04	268.00	268.02	267.98	268.04	268.00	268.02	267.98	268.02	267.98			
	109	+50	110	+50	111	+50	112	+50	113	+50	114	+50	115	+50	116																													

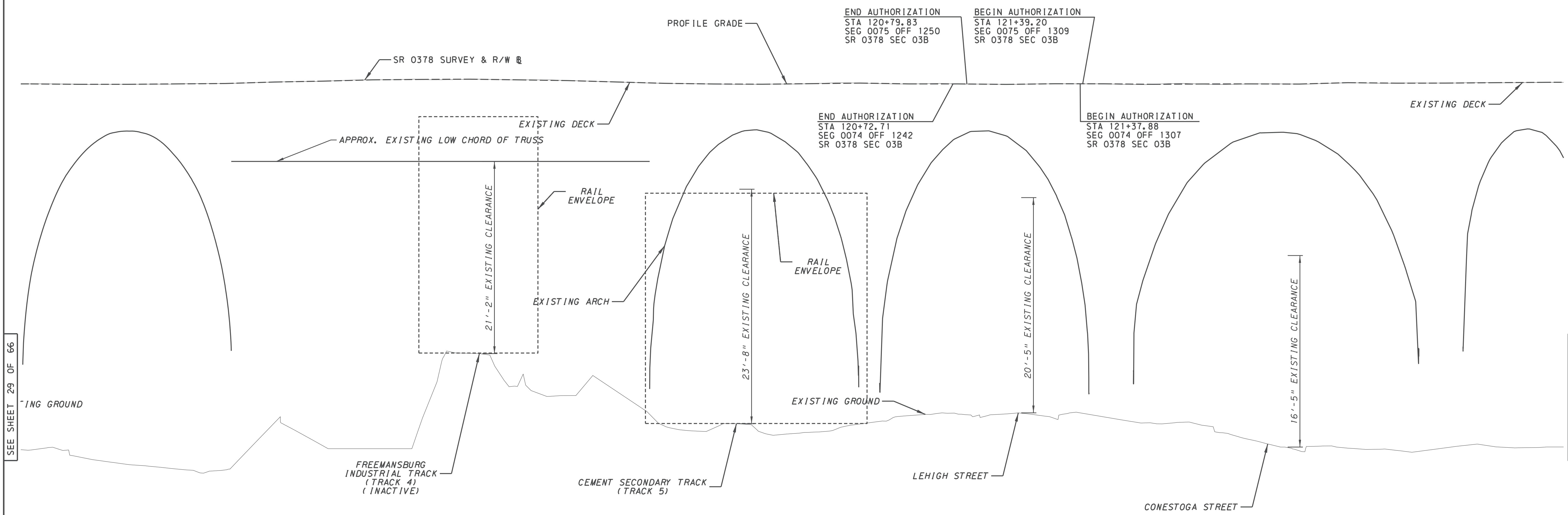
STA 76+34.10 RIVERSIDE DRIVE SURVEY & R/W @ =
 STA 109+17.78 SR 0378 SURVEY & R/W @ =
 STA 108+62.22 SR 0378 SURVEY & R/W @ =
 STA 108+62.22 SR 0378 SB SURVEY & R/W @, 6.00' LT =
 STA 308+62.22 SECOND STREET RAMP @, 18.00' RT



DATE
 FILENAME: DESIGNS: ILE**

SEE SHEET 30 OF 66

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	30 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY

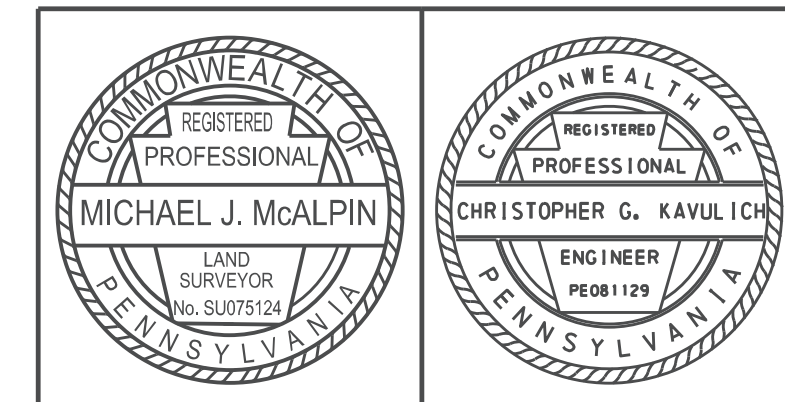


SEE SHEET 29 OF 66

SEE SHEET 31 OF 66

DATUM: 200	229.8 GG- 267.98	229.0 GG- 267.99	228.5 GG- 268.01	228.4 GG- 268.06	233.3 GG- 268.21	230.9 GG- 268.30	230.6 GG- 268.44	233.3 GG- 268.49	240.4 GG- 268.50	237.2 GG- 268.43	236.1 GG- 268.36	236.5 GG- 268.22	232.9 GG- 268.08	232.7 GG- 268.01	232.3 GG- 267.99	232.3 GG- 268.05	233.1 GG- 268.10	234.0 GG- 268.02	234.2 GG- 268.01	234.2 GG- 267.97	233.7 GG- 268.04	233.9 GG- 268.03	233.2 GG- 267.98	233.0 GG- 268.01	231.5 GG- 268.02	230.4 GG- 268.00	230.7 GG- 268.15	230.4 GG- 268.10	230.7 GG- 268.11	230.8 GG- 268.15	230.8 GG- 268.17																
	+50		117	+50	118	+50	119	+50	120	+50	121	+50	122	+50	123	+50	123	+50	123	+50	123	+50	123	+50	123	+50	123	+50	123	+50	123	+50	123														
	STA 116+52.13 SR 0378 SURVEY & R/W @ =																STA 215+21.95 SR 0378 NB SURVEY & R/W @											STA 123+67.11 SR 0378 SURVEY & R/W @, 20.00' RT =										STA 0+00.00 MAIN STREET RAMP SPUR SURVEY & R/W @									

SCALE
 HORIZONTAL : 0 25 50 FEET
 VERTICAL : 0 5 10 FEET



DATE: 11/15/11
 FILENAME: 110501.DWG

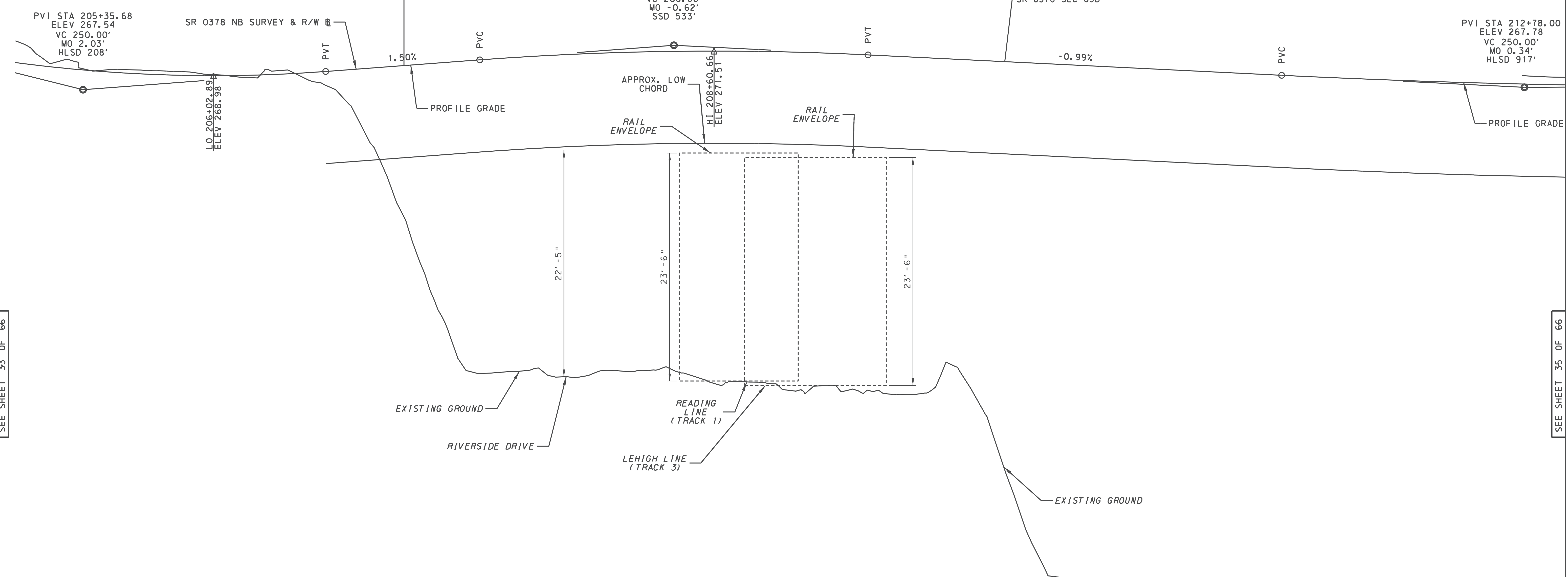
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON AND LEHIGH	0378	03B R/W	34 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS			DATE BY

NOTE: LIMIT OF AUTHORIZATION ASSIGNED BY MAINTENANCE RESPONSIBILITY

LIMIT OF AUTHORIZATION
 STA 207+01.00
 SEG 0070 OFF 1238 NB
 SR 0378 SEC 03B
 CITY OF BETHLEHEM
 NORTHAMPTON COUNTY

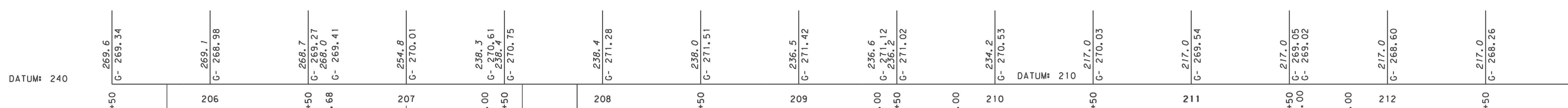
LIMIT OF AUTHORIZATION
 STA 207+01.00
 SEG 0074 OFF 0000 NB
 SR 0378 SEC 03B
 CITY OF BETHLEHEM
 LEHIGH COUNTY

END AUTHORIZATION
 STA 210+29.13
 SEG 0074 OFF 0328 NB
 SR 0378 SEC 03B



SEE SHEET 33 OF 66

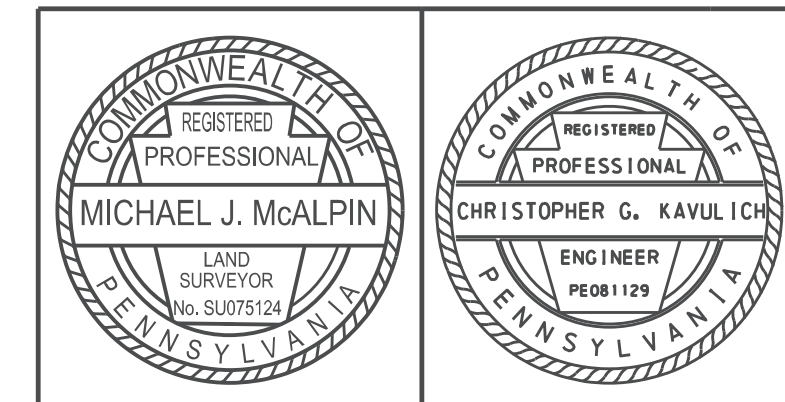
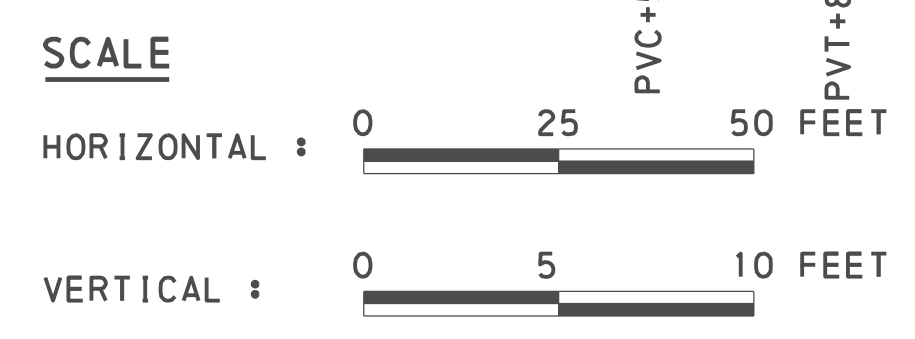
SEE SHEET 35 OF 66



STA 205+77.99 SR 0378 NB SURVEY & R/W =
 STA 310+18.19 SECOND STREET RAMP SURVEY & R/W =

STA 76+90.26 RIVERSIDE DRIVE SURVEY & R/W =
 STA 207+59.13 SR 0378 NB SURVEY & R/W =

STA 207+00.00 SR 0378 NB SURVEY & R/W =
 STA 403+83.37 SECOND STREET RAMP TO NB BRIDGE SURVEY & R/W =



DATE
 FILENAME: ***DESIGN: ILE***

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON	0378	03B R/W	44 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

ALL PROPERTIES ARE PLOTTED FROM DEEDS OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, OR FROM FIELD SURVEY. PROPERTY LINES WERE SURVEYED ONLY WHEN DETERMINED NECESSARY BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. PROPERTY LINES NOT ESTABLISHED BY FIELD SURVEY WERE PLOTTED BASED ON EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA.

THIS PROPERTY PLOT IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

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.

TEMPORARY CONSTRUCTION EASEMENT (ACCESS). LAND ACQUIRED IN THE INTEREST DESIGNATED WITH A TEMPORARY CONSTRUCTION EASEMENT FOR THE BENEFIT AND USE OF THE COMMONWEALTH IF NECESSARY. USE OF THE LAND IS LIMITED ONLY TO PASSING MATERIALS, EQUIPMENT AND PERSONNEL THROUGH AS MAY BE NECESSARY. THIS USE MAY BE TIME AND DATE LIMITED IN ACCORDANCE WITH THE ACQUISITION DOCUMENTS.

WHERE AN AERIAL EASEMENT IS ACQUIRED, IT SHALL INCLUDE AN EASEMENT IN THE AIR FOR THE ACCOMMODATION OF THE ELEVATED HIGHWAY STRUCTURE UNLIMITED IN VERTICAL DIMENSION ABOVE THE STRUCTURE, A SURFACE EASEMENT UNLIMITED IN VERTICAL DIMENSION FOR THE ACCOMMODATION OF PIERS AND OTHER APPURTENANCES AND A TEMPORARY EASEMENT FOR CONSTRUCTION PURPOSES INCLUDING THE STORAGE OF MATERIALS DURING CONSTRUCTION FOR THE ENTIRE AREA. THE FOLLOWING LIMITATIONS SHALL BE IMPOSED ON THE PROPERTY BENEATH THE AREA AFFECTED BY THE AERIAL EASEMENT.

NO USE SHALL BE MADE OF THE PROPERTY WHICH SHALL ENDANGER THE STRUCTURE OR THE HEALTH, SAFETY OR WELFARE OF THE TRAVELING PUBLIC.

NO FLAMMABLE, EXPLOSIVE, DANGEROUS OR HAZARDOUS MATERIAL SHALL BE USED, PLACED OR STORED ON THE PROPERTY.

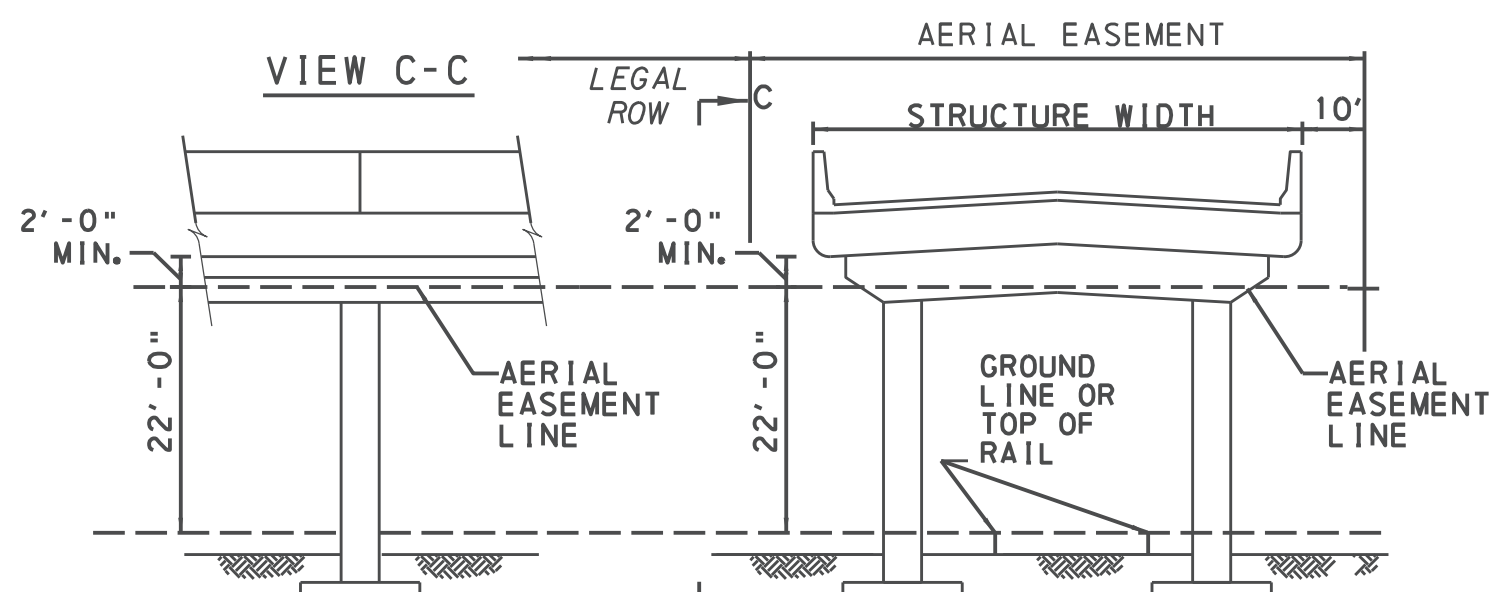
NO BUILDING OR OTHER FACILITY SHALL BE CONSTRUCTED ON THE PROPERTY WITHOUT PRIOR AUTHORITY OF THE DEPARTMENT OF TRANSPORTATION. IF AND WHEN SUCH AUTHORITY IS GRANTED, THE PLANS FOR THE BUILDING OR FACILITY AND CONSTRUCTION METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

NO INTERFERENCE SHALL BE MADE WITH THE RIGHT OF THE DEPARTMENT OF TRANSPORTATION TO ENTER UPON THE PROPERTY FOR THE PURPOSES OF INSPECTION, MAINTENANCE, REPAIR, PAINTING, RECONSTRUCTION OR ALTERATION OF THE STRUCTURE OR APPURTENANCES. MOVABLE ITEMS MAY HAVE TO BE REMOVED BY THE OWNER DURING SOME OR ALL OF THE ABOVE OPERATIONS.

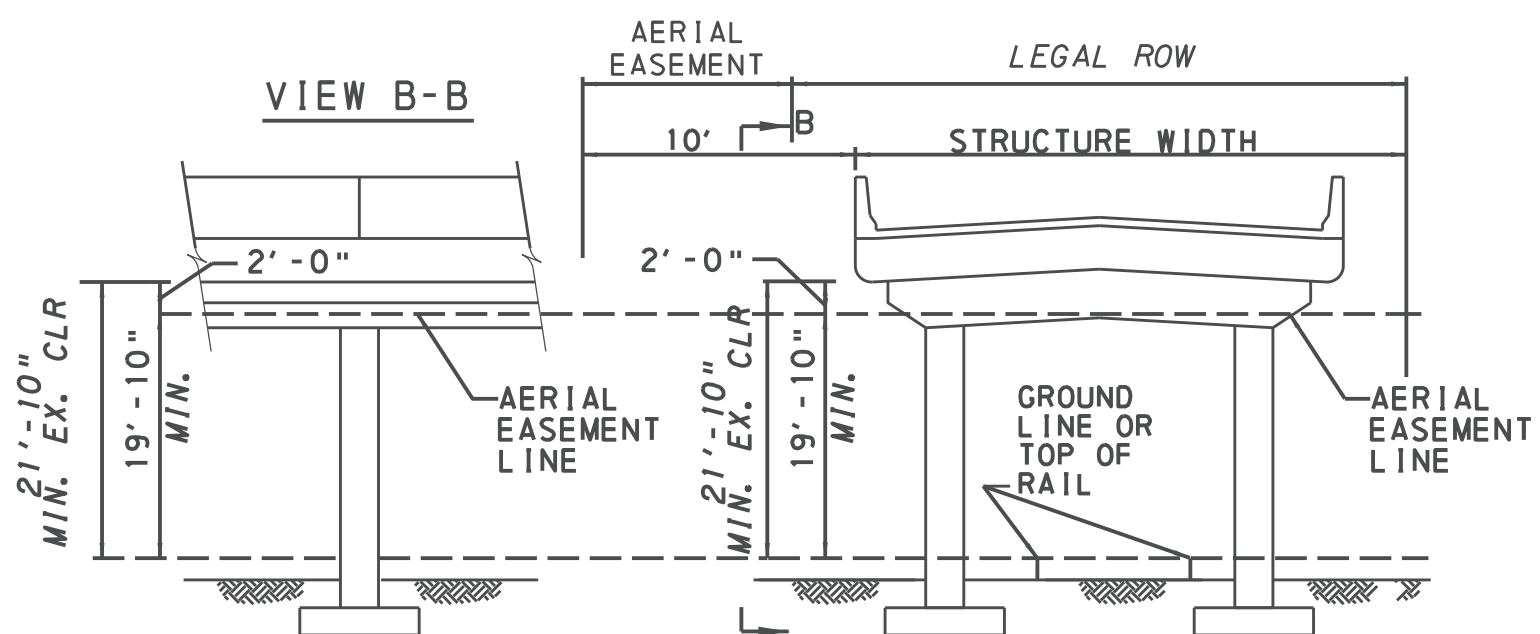
ANY SUBSTANTIAL CHANGE IN PROPERTY USE TO BE MADE SUBSEQUENT TO THE ACQUISITION OF THE EASEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

THE NOTES ON THESE DRAWINGS SHALL NOT BE CONSTRUED AS LIMITING OR INTERFERING IN ANY WAY WITH THE PRESENT AND FUTURE OPERATION, USE, MAINTENANCE, REPAIR, RENEWAL, CHANGE, ADDITION, BETTERMENT OR ALTERATION OF THE RAILROAD AND ITS SUPPORTING FACILITIES.

- * - INDICATES A DIMENSION FROM THE SR 0378 SURVEY & R/W B.
- † - INDICATES A DIMENSION FROM THE SR 0378 NB SURVEY & R/W B.
- △ - INDICATES A DIMENSION FROM THE RIVERSIDE DRIVE SURVEY & R/W B.

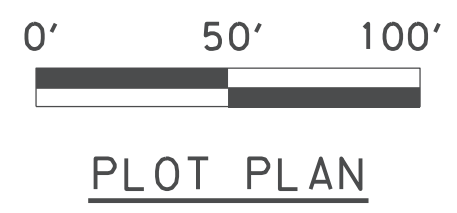
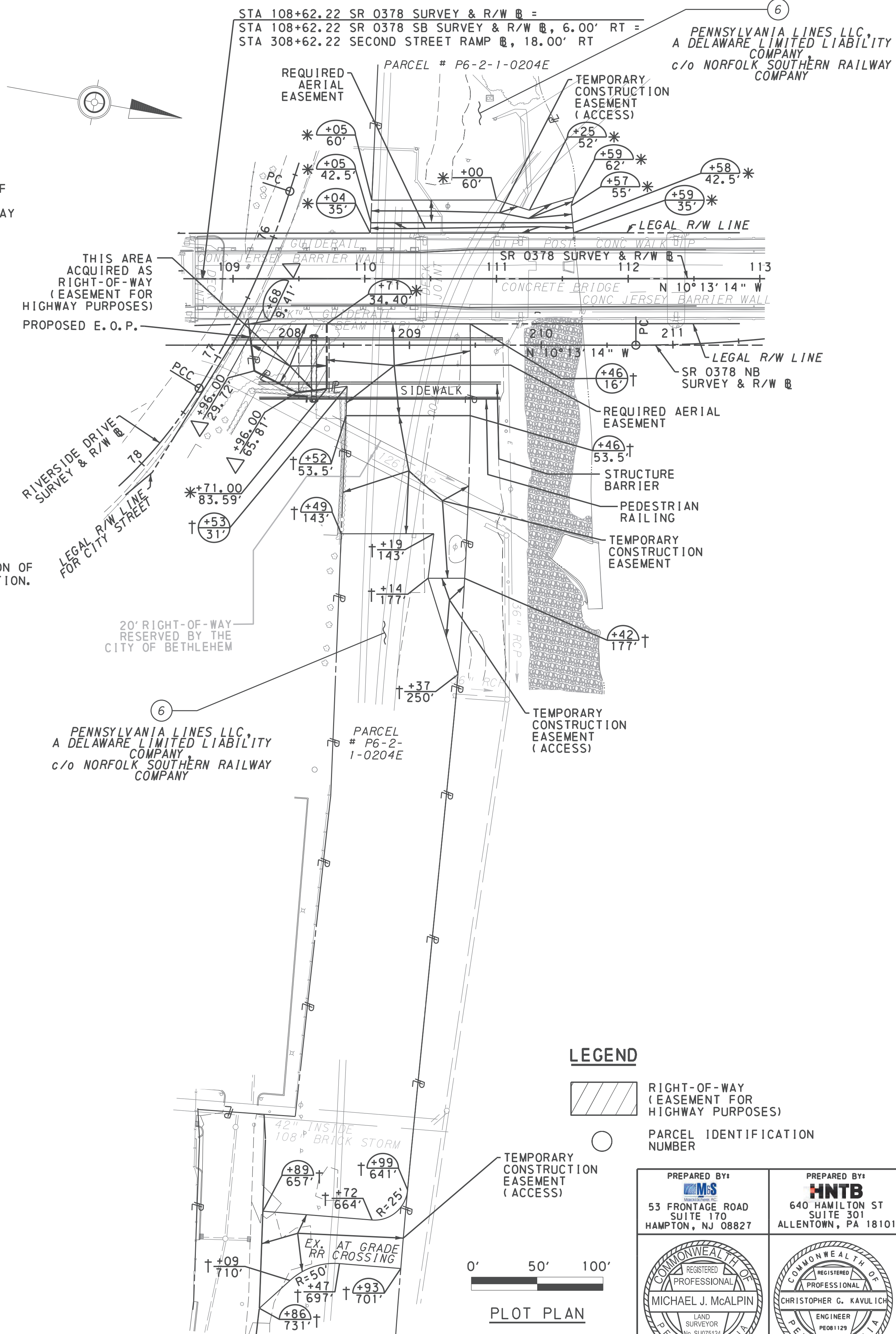


SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 RIGHT



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 LEFT

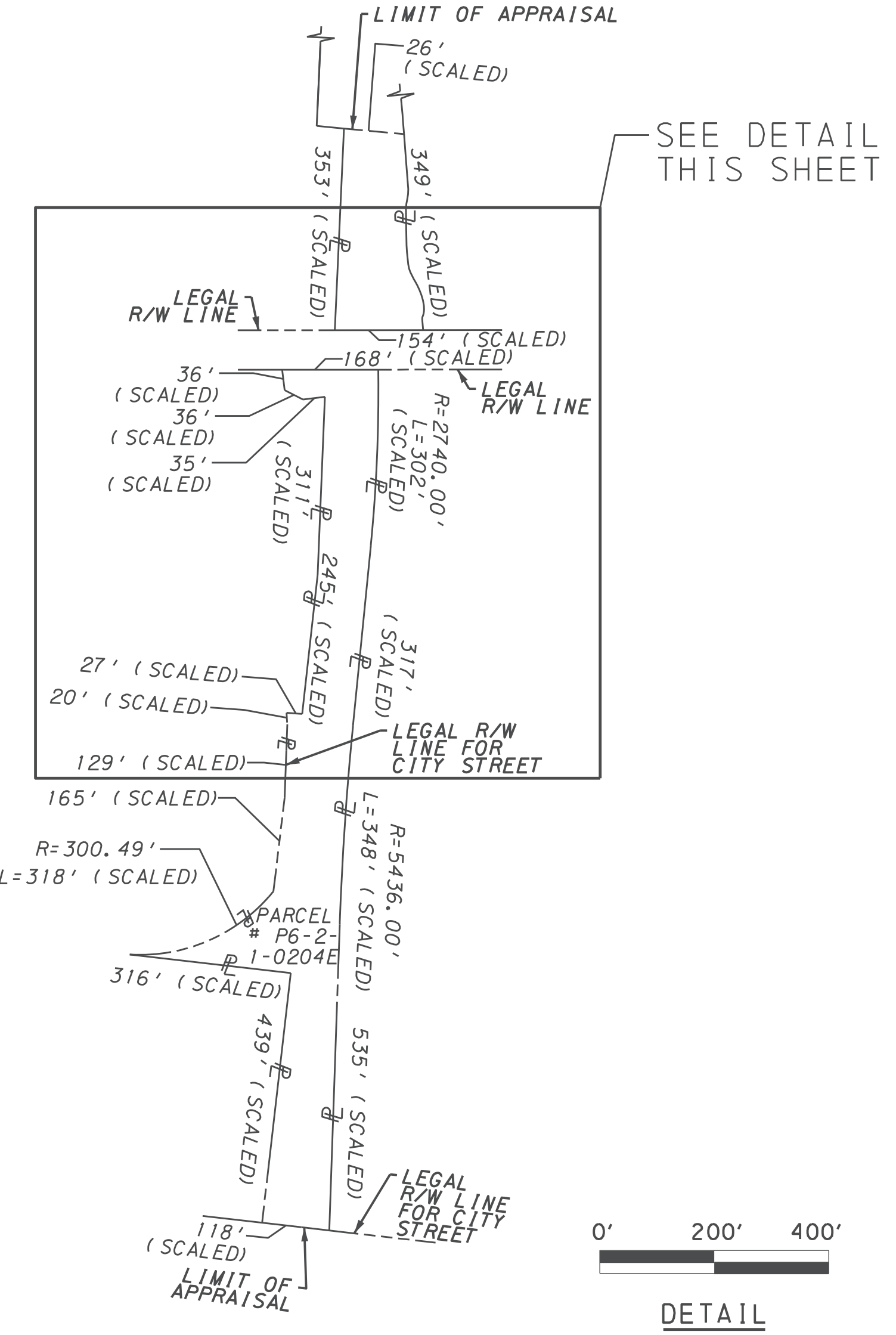
N. T. S.



LEGEND

- RIGHT-OF-WAY (EASEMENT FOR HIGHWAY PURPOSES)
- PARCEL IDENTIFICATION NUMBER

PREPARED BY: 53 FRONTAGE ROAD SUITE 170 HAMPTON, NJ 08827	PREPARED BY: 640 HAMILTON ST SUITE 301 ALLENTOWN, PA 18101



NORTHAMPTON COUNTY TAX PARCEL # P6-2-1-0204E * WITHIN LIMITS OF APPRAISAL

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA-DEPARTMENT OF TRANSPORTATION			
STATE RTE. 0378 SEC. NO. 03B R/W CITY OF BETHLEHEM NORTHAMPTON COUNTY		PARCEL NO. 6 SHEET NO. 22 & 26 CLAIM NO. _____	
PROPERTY OWNER(S) PENNSYLVANIA LINES LLC, A DELAWARE LIMITED LIABILITY COMPANY, c/o NORFOLK SOUTHERN RAILWAY COMPANY		GRANTOR(S) A PENNSYLVANIA CORPORATION	
DEED BOOK	2003-1	AREAS ACRE/SF	REQUIRED AREA ACRE/SF
PAGE	434659	DEED	RIGHT-OF-WAY (EASEMENT FOR HIGHWAY PURPOSES)
DATE OF DEED	5/19/1999	CALCULATED*	2634
DATE OF RECORD	10/17/2003	ADVERSE	8465
CONSIDERATION	\$0	LEGAL R/W	11855
TAX STAMPS	\$10,530	EFFECTIVE	202414
		TOTAL REQ'D R/W	2634
		TOTAL RESIDUE	199780
		RESIDUE LT	
		RESIDUE RT	
		VERIFICATION DATE	11-07-25
		DRAWN BY	M. D. S.
		SCALE:	AS SHOWN

660424788
 ELLENHANE@DESIGNLINES.COM

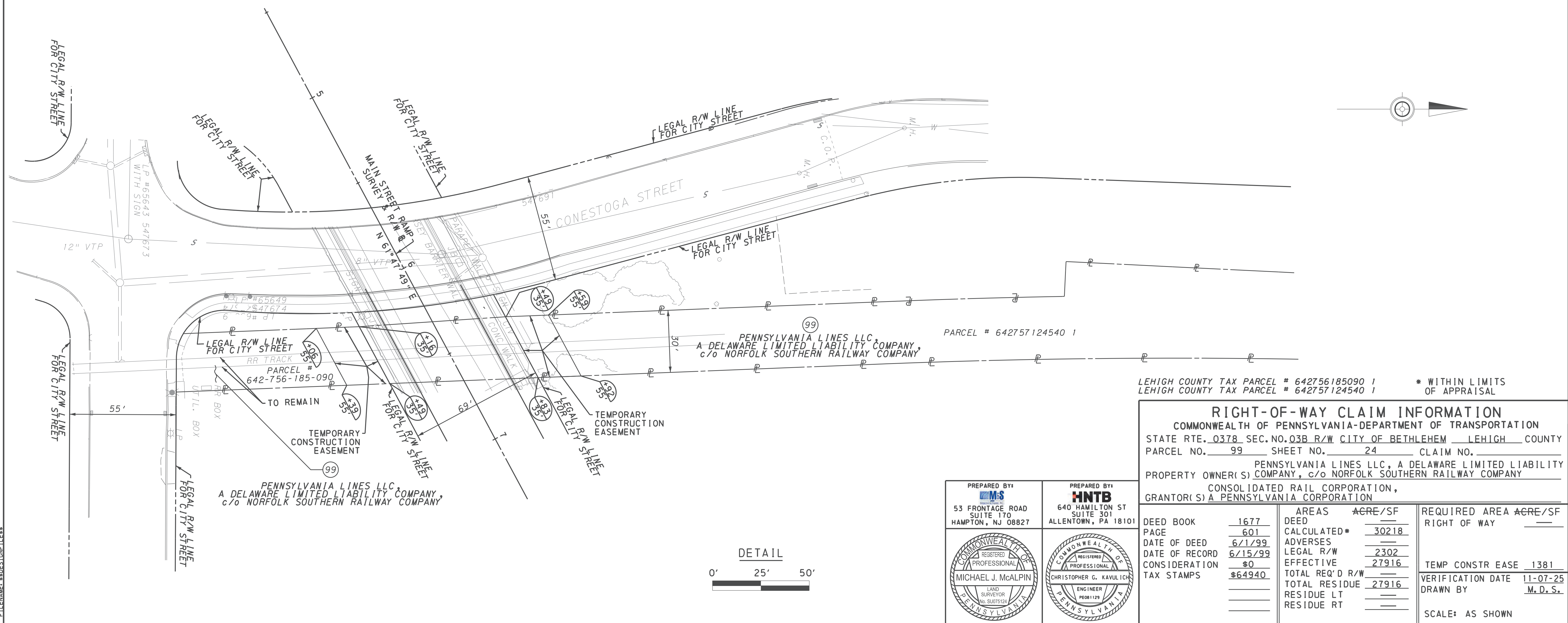
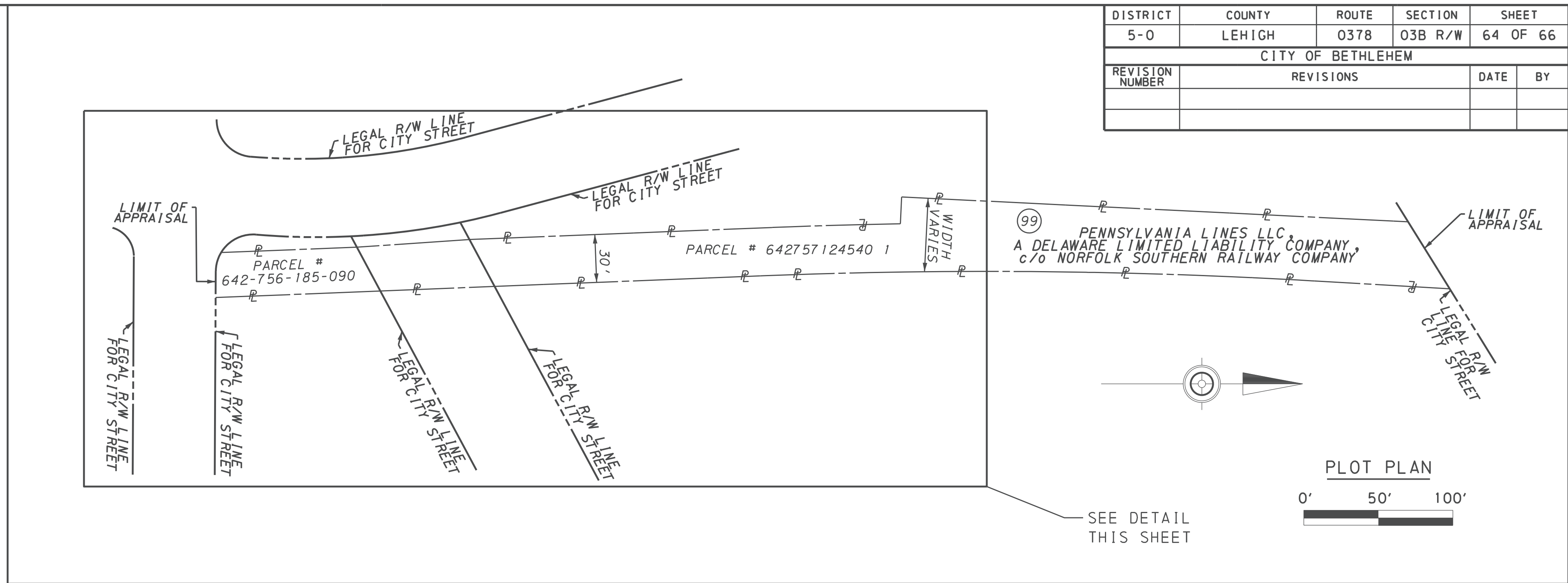
FOR THE AERIAL EASEMENT DEFINITION, SEE GENERAL NOTES, SHEET 4

ALL PROPERTIES ARE PLOTTED FROM DEEDS OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, OR FROM FIELD SURVEY. PROPERTY LINES WERE SURVEYED ONLY WHEN DETERMINED NECESSARY BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. PROPERTY LINES NOT ESTABLISHED BY FIELD SURVEY WERE PLOTTED BASED ON EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA.

THIS PROPERTY PLOT IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

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.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	64 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	



LEHIGH COUNTY TAX PARCEL # 642756185090 1
 LEHIGH COUNTY TAX PARCEL # 642757124540 1

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA-DEPARTMENT OF TRANSPORTATION			
STATE RTE.	0378	SEC. NO.	03B R/W CITY OF BETHLEHEM LEHIGH COUNTY
PARCEL NO.	99	SHEET NO.	24 CLAIM NO.
PROPERTY OWNER(S) PENNSYLVANIA LINES LLC, A DELAWARE LIMITED LIABILITY COMPANY			
GRANTOR(S) CONSOLIDATED RAIL CORPORATION, A PENNSYLVANIA CORPORATION			

PREPARED BY: 53 FRONTAGE ROAD SUITE 170 HAMPTON, NJ 08827	PREPARED BY: 640 HAMILTON ST SUITE 301 ALLENTOWN, PA 18101
 MICHAEL J. McALPIN LAND SURVEYOR No. SU075124	 CHRISTOPHER G. KAVULICH ENGINEER No. PE081129

DEED BOOK	1677	AREAS	ACRE/SF	REQUIRED AREA	ACRE/SF
PAGE	601	DEED	30218	RIGHT OF WAY	—
DATE OF DEED	6/1/99	CALCULATED*	—	TEMP CONSTR EASE	1381
DATE OF RECORD	6/15/99	ADVERSES	—	VERIFICATION DATE	11-07-25
CONSIDERATION	\$0	LEGAL R/W	2302	DRAWN BY	M. D. S.
TAX STAMPS	\$64940	EFFECTIVE	27916	SCALE:	AS SHOWN
		TOTAL REQ'D R/W	—		
		TOTAL RESIDUE	27916		
		RESIDUE LT	—		
		RESIDUE RT	—		

DATE: 11/07/25
 FILE NAME: 88DESIGN11688

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* - INDICATES A DIMENSION FROM THE SR 0378 SURVEY & R/W E.

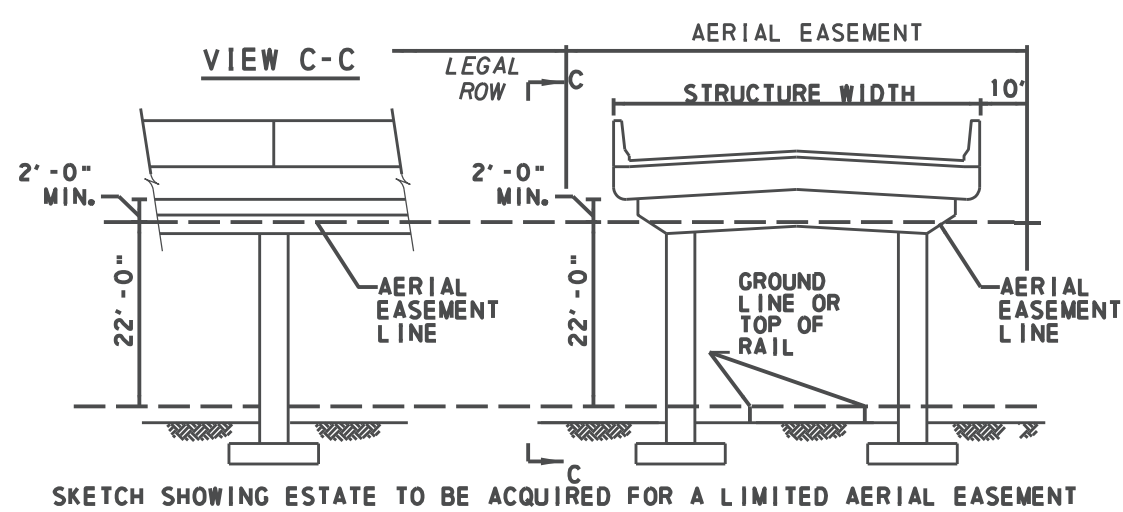
† - INDICATES A DIMENSION FROM THE SR 0378 NB SURVEY & R/W E.

△ - INDICATES A DIMENSION FROM THE RIVERSIDE DRIVE SURVEY & R/W E.

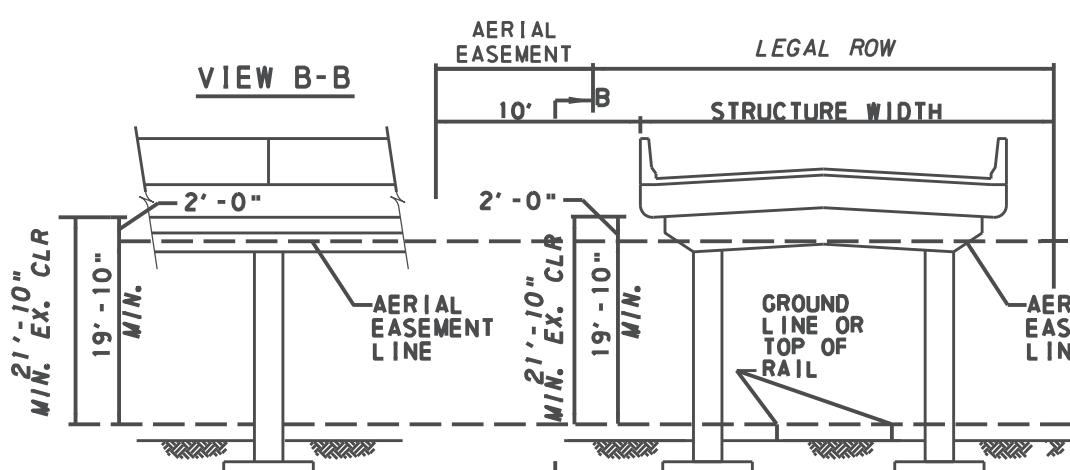
LEGEND

RIGHT-OF-WAY (EASEMENT FOR HIGHWAY PURPOSES)

PARCEL IDENTIFICATION NUMBER



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 RIGHT



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 6 LEFT

N. T. S.

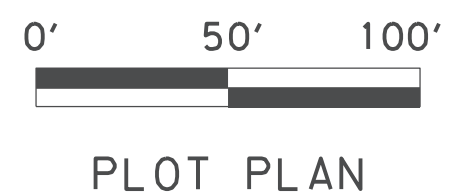
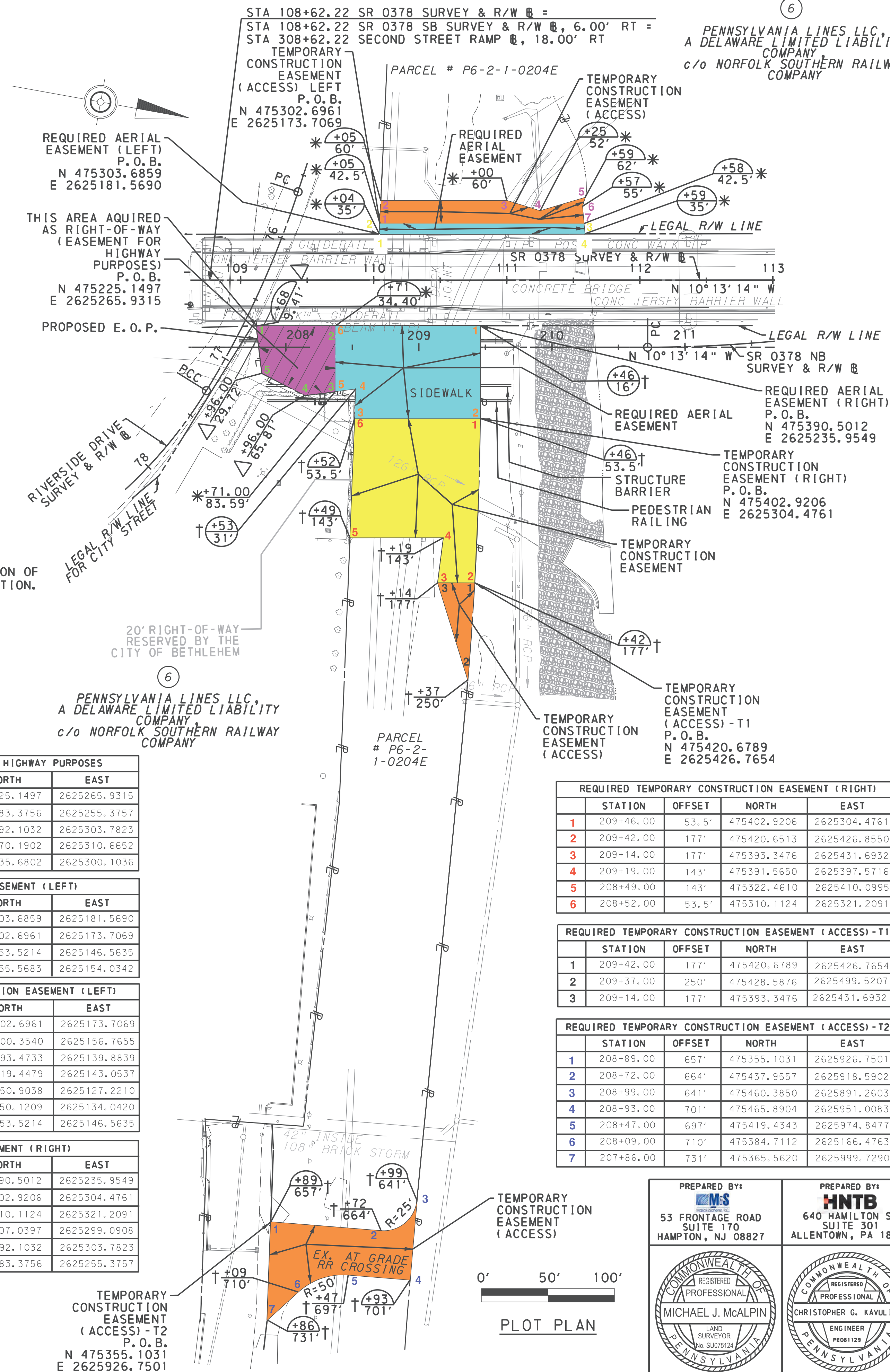
RIGHT-OF-WAY EASEMENT FOR HIGHWAY PURPOSES				
STATION	OFFSET	NORTH	EAST	
1	76+68.00	9.41'	475225.1497	2625265.9315
2	109+71.00	34.40'	475283.3756	2625255.3757
3	109+71.00	83.59'	475292.1032	2625303.7823
4	76+96.00	65.81'	475270.1902	2625310.6652
5	76+96.00	29.72'	475235.6802	2625300.1036

REQUIRED AERIAL EASEMENT (LEFT)				
STATION	OFFSET	NORTH	EAST	
1	110+04.00	35'	475303.6859	2625181.5690
2	110+05.00	42.5'	475302.6961	2625173.7069
3	111+58.00	42.5'	475453.5214	2625146.5635
4	111+59.00	35'	475455.5683	2625154.0342

REQUIRED TEMPORARY CONSTRUCTION EASEMENT (LEFT)				
STATION	OFFSET	NORTH	EAST	
1	110+05.00	42.5'	475302.6961	2625173.7069
2	110+05.00	60'	475300.3540	2625156.7655
3	111+00.00	60'	475393.4733	2625139.8839
4	111+25.00	52'	475419.4479	2625143.0537
5	111+59.00	62'	475450.9038	2625127.2210
6	111+57.00	55'	475450.1209	2625134.0420
7	111+59.00	35'	475453.5214	2625146.5635

REQUIRED AERIAL EASEMENT (RIGHT)				
STATION	OFFSET	NORTH	EAST	
1	209+46.00	16'	475390.5012	2625235.9549
2	209+46.00	53.5'	475402.9206	2625304.4761
3	208+52.00	53.5'	475310.1124	2625321.2091
4	208+53.00	31'	475307.0397	2625299.0908
5	109+71.00	83.59'	475292.1032	2625303.7823
6	109+71.00	34.40'	475283.3756	2625255.3757

TEMPORARY CONSTRUCTION EASEMENT (ACCESS) - T2
P. O. B.
N 475355.1031
E 2625926.7501



PLOT PLAN

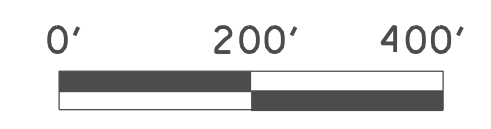
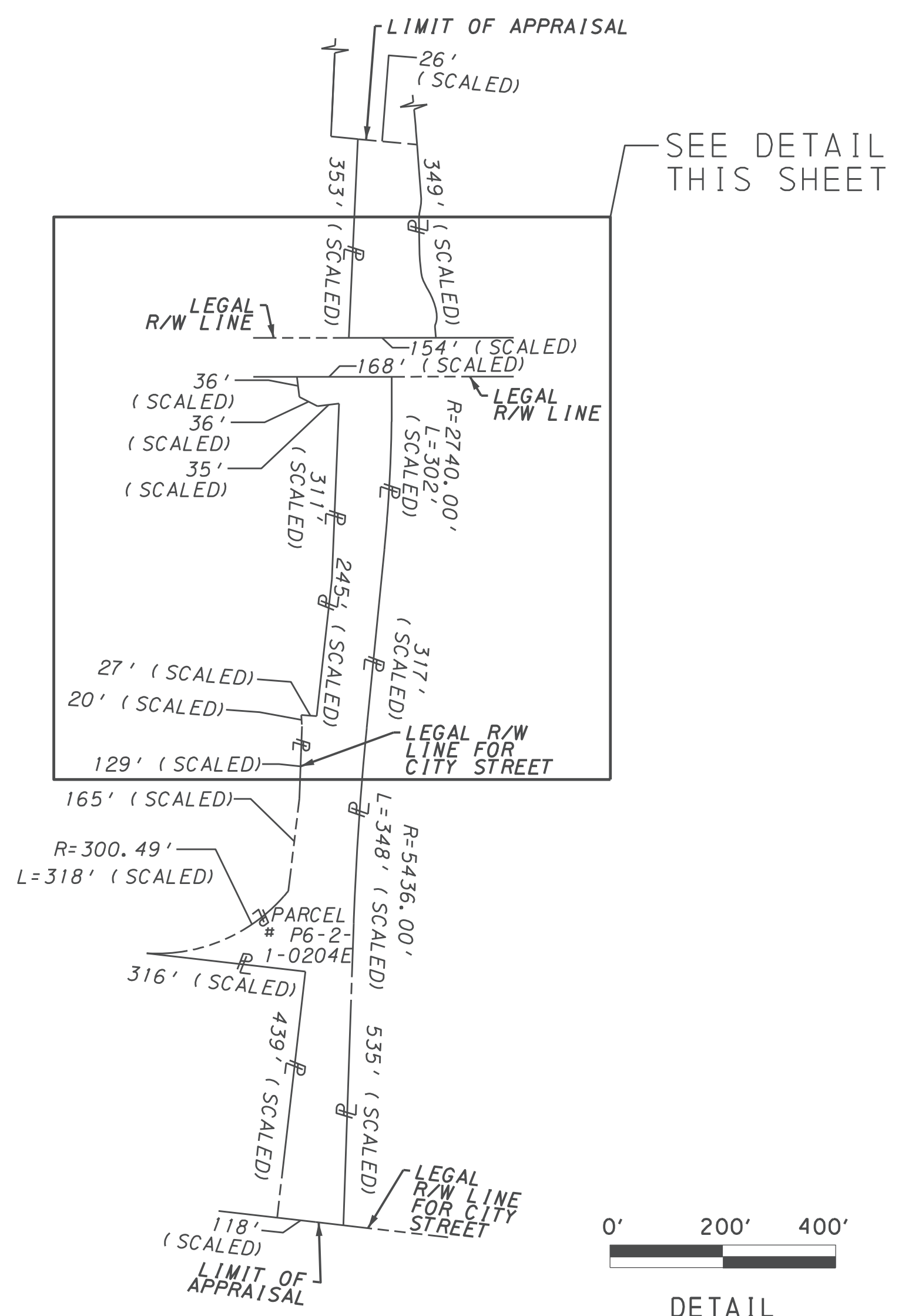
PREPARED BY: **IMS**
53 FRONTAGE ROAD SUITE 170 HAMPTON, NJ 08827
REGISTERED PROFESSIONAL LAND SURVEYOR No. SU075124 PENNSYLVANIA
MICHAEL J. McALPIN

PREPARED BY: **HNTB**
640 HAMILTON ST SUITE 301 ALLENTOWN, PA 18101
REGISTERED PROFESSIONAL ENGINEER PENNSYLVANIA
CHRISTOPHER G. KAVULICH

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	NORTHAMPTON	0378	03B R/W	44 OF 66

CITY OF BETHLEHEM

REVISION NUMBER	REVISIONS	DATE	BY



DETAIL

NORTHAMPTON COUNTY TAX PARCEL # P6-2-1-0204E * WITHIN LIMITS OF APPRAISAL

RIGHT-OF-WAY CLAIM INFORMATION
COMMONWEALTH OF PENNSYLVANIA-DEPARTMENT OF TRANSPORTATION
STATE RTE. 0378 SEC. NO. 03B R/W CITY OF BETHLEHEM NORTHAMPTON COUNTY
PARCEL NO. 6 SHEET NO. 22 & 26 CLAIM NO. _____

PROPERTY OWNER(S) PENNSYLVANIA LINES LLC, A DELAWARE LIMITED LIABILITY COMPANY
GRANTOR(S) CONSOLIDATED RAIL CORPORATION, A PENNSYLVANIA CORPORATION

DEED BOOK	2003-1	DEED	ACRE/SF	REQUIRED AREA	ACRE/SF
PAGE	434659	CALCULATED*	209090	RIGHT-OF-WAY (EASEMENT FOR HIGHWAY PURPOSES)	2634
DATE OF DEED	5/19/1999	ADVERSE	---	AERIAL EASEMENT	8465
DATE OF RECORD	10/17/2003	LEGAL R/W	6676	TEMP CONST EASE	11855
CONSIDERATION	\$0	EFFECTIVE	202414	TEMP CONST EASE (ACCESS)	5702
TAX STAMPS	\$10,530	TOTAL REQ'D R/W	2634	VERIFICATION DATE	11-07-25
		TOTAL RESIDUE	199780	DRAWN BY	M. D. S.
		RESIDUE LT	---	SCALE:	AS SHOWN
		RESIDUE RT	---		

03/24/2025 11:51 AM
 PENNSYLVANIA LINES LLC
 1111 MARKET STREET
 PHILADELPHIA, PA 19102



Mallick & Scherer, P.C.

Consulting Engineers
Construction Inspectors
Environmental Scientists
Professional Land Surveyors

DESCRIPTION OF PORTIONS OF
NORTHAMPTON COUNTY TAX PARCEL # P6-2-1-0204E
CITY OF BETHLEHEM
NORTHAMPTON COUNTY, PENNSYLVANIA

**“PARCEL 6: ACQUIRED AS RIGHT-OF-WAY (EASEMENT FOR
HIGHWAY PURPOSES)”**

ALL that certain Acquired as Right-of-Way (Easement for Highway Purposes) situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00’ width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Riverside Drive (varying width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, North 10° 16’ 32” West a distance of 3.34’ to a point where the same is the intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-3-0204E) on the south and Pennsylvania Lines, LLC (Parcel # P6-2-1-02024E) on the north, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475225.1497 E 2625265.9315 and located approximately 34.5 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Along said existing easterly Legal Right-of-Way line of SR 0378 North 10° 16’ 32” West a distance of 59.17 feet to a point where the same intersects with the line delineating both Required Aerial Easement and Required Right-of-Way Line for City Street, thence;
- 2) Leaving said existing Legal Right-of-Way Line and running along said Required Right-of-Way Line for City Street, North 79°46’46” East a distance of 49.19’ to a point where the same is intersected by the dividing line between lands now or formerly of Saint Luke’s Hospital (Parcel # P6-2-1B-0204E) on the southeast and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the northwest, thence;
- 3) Along the said dividing line South 17°26’15” East, a distance of 22.97 feet to an angle point, thence;
- 4) Along the said dividing line South 17° 26’ 15” West, a distance of 36.09 feet to an angle point, thence;

53 Frontage Road
Suite 170
Hampton, NJ 08827
Ph 908.537.1300
Fax 908.537.1398

112 W. 34th Street,
18th Floor
New York, NY 10120
Ph 212.202.1559

1635 Market Street
#1600
Philadelphia, PA 19103
Ph 215.634.9043

- 5) Still along the same, South 72° 52' 22" West, a distance of 35.76 feet, to a point where the same is intersected by the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378, the point and place of BEGINNING.

Containing 2,634 square feet or 0.060 acres of land, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

“REQUIRED AERIAL EASEMENT (RIGHT)”

TOGETHER WITH all that certain Required Aerial Easement (Right) situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Riverside Drive (varying width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, North 10° 16' 32" West a distance of 171', more or less, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475390.5012 E 2625235.9549 and located approximately 34.5 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Leaving said existing easterly Legal Right-of-Way Line, along the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, on a line with an approximate meander of on a curve to the left, having a radius of 2740.00 feet, an arc length of 69.64 feet, a chord bearing North 79° 43' 28" East, and a chord distance of 69.64 feet, to the end of curve at a point where said dividing line is intersected by the line delineating both Temporary Construction Easement and Required Aerial Easement, thence;
- 2) Leaving said dividing line and along said Required Aerial Easement Line, South 10° 13' 14" East, a distance of 94.31 feet, to a point where the same is intersected by the line dividing lands now or formerly of Saint Luke's Hospital (Parcel # P6-2-1B-0204E) on the south and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the north, thence;
- 3) Along said dividing line, South 82° 05' 28" West, a distance of 22.38 feet, to an angle point, thence;
- 4) Still along the same, South 17° 26' 15" East, a distance of 15.66 feet, to an angle point, thence;

- 5) Still along the same, South 79° 46' 46" West, a distance of 49.19 feet, to a point intersected by the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378, thence;
- 6) Along said Legal Right-of-Way Line North 10° 16' 32" West a distance of 108.87 feet to a point where the said Legal Right-of-Way Line intersects the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, also the point and place of BEGINNING.

Containing 7,267 square feet or 0.167 acres, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

“TEMPORARY CONSTRUCTION EASEMENT (RIGHT)”

TOGETHER WITH all that certain Temporary Construction Easement (Right) situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Riverside Drive (varying width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, North 10° 16' 32" West a distance of 171', more or less, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, and thence along said dividing line on an approximate meander line of North 79° 48' 14" East a distance of 53.5', more or less, to a point where said dividing line is intersected by a line delineating both Required Aerial Easement Line and Temporary Construction Easement Line, the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475402.9206 E 2625304.4761 and located approximately 112 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Along said dividing line, on a line with an approximate meander of on a curve to the left, having a radius of 2740.00 feet, an arc length of 123.58 feet, a chord bearing North 81° 44' 20" East, and a chord distance of 123.57 feet, to the end of curve at a point where the same is intersected by the Line delineating both Temporary Construction Easement Line and Temporary Construction Easement Line For Access, thence;
- 2) Leaving said dividing line and along said Temporary Construction Easement Line, South 10° 13' 14" East, a distance of 27.77 feet, thence;
- 3) Still along said Temporary Construction Easement Line, South 87° 00' 34" West, a distance of 34.17 feet, thence;

- 4) Still along said Temporary Construction Easement Line, South 10° 16' 32" East, a distance of 70.23 feet, to a point where the same is intersected by the dividing line between now or formerly Saint Luke's Hospital (Parcel # P6-2-1B-0204E) on the south and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the north, thence;
- 5) Along said dividing line, South 82° 05' 28" West, a distance of 89.74 feet, to a point where the same is intersected by the Line delineating both Required Aerial Easement and Temporary Construction Easement, thence;
- 6) Along said Temporary Construction Easement Line, North 10° 13' 14" West a distance of 94.31 feet to the point and place of BEGINNING.

Containing 9,423 square feet or 0.216 acres, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

“TEMPORARY CONSTRUCTION EASEMENT FOR ACCESS (T-1)”

TOGETHER WITH all that certain Temporary Construction Easement For Access (T-1) Parcel 6 situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Riverside Drive (varying width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, North 10° 16' 32" West a distance of 171', more or less, to a point where the same is the intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, and thence along said dividing line on an approximate meander line of North 80° 44' 35" East a distance of 177', more or less, to a point on the Line delineating both Required Temporary Construction Easement and Temporary Construction Easement For Access A-1, the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475420.6789 E 2625426.7654 and located approximately 202 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Still along said dividing line, on an approximate meander line of North 83° 50' 07" East a distance of 73.18 feet, to a point where the same is intersected by the Line delineating Temporary Construction Easement For Access A-1, thence;
- 2) Leaving said dividing line and along said Temporary Construction Easement For Access Line, South 62° 34' 49" West, a distance of 76.42 feet, thence;
- 3) Along said line, North 10° 13' 14" West, a distance of 27.77 feet, to the point and place of BEGINNING.

Containing 1,014 square feet or 0.023 acres, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

“TEMPORARY CONSTRUCTION EASEMENT FOR ACCESS (T-2)”

TOGETHER WITH all that certain Temporary Construction Easement For Access (T-2) Parcel 6 situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at an angle point on the existing northerly Legal Right-of-Way Line For City Street of Union Station Place (50’ width), where the same is intersected by the line dividing lands now or formerly of Saint Luke’s Hospital of Bethlehem, Pennsylvania (Parcel # P6-2-1B-0204E) on the south and west, and lands now or formerly of Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the north and east, said point being 762’ +/- northerly and westerly along said existing Legal Right-of-Way Line For City Street from the point of intersection with the existing northerly Legal Right-of-Way Line For City Street of West Second Street (60’ width), and running thence North 76° 35’ 39” East a distance of 18.83’ to an angle point on the aforesaid existing northerly line of Union Station Place, thence still along the same North 81° 50’ 39” East a distance of 54.83’ to a point where the same line is intersected by the Temporary Construction Easement (Access) A-2 Line, said point being the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475355.1031 E 2625926.7501 and located approximately 413 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Leaving said Legal Right-of-Way line, along said Temporary Construction Easement For Access A-2, North 05° 37’ 29” West a distance of 83.25 feet, to a point of curvature, thence;
- 2) Still along said Temporary Construction Easement For Access A-2 Line, on a curve the left having a radius of 25.00 feet, an arc length of 39.27 feet, a chord bearing North 50° 37’ 29” West, and a chord distance of 35.35 feet, to the end of curve where the same is intersected by the dividing line between lands now or formerly of City of Bethlehem (Parcel # P6-2-1A-0204E) on the north and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the south, thence;
- 3) Along said dividing line, on a curve the left having a radius of 5436.00 feet, an arc length of 60.00 feet, a chord bearing North 84° 44’ 07” East, and a chord distance of 60.00 feet, to a point of tangency, thence;
- 4) Leaving said dividing line, along said Temporary Construction Easement For Access A-2 Line, South 05° 37’ 29” East, a distance of 46.68 feet, to a point of curvature, thence;

- 5) Still along the same, on a curve the left having a radius of 50.00 feet, an arc length of 40.83 feet, a chord bearing South 29° 01' 16" East, and a chord distance of 39.71 feet, to a point of tangency, thence;
- 6) Still along the same, South 52° 25' 03" East a distance of 31.40 feet to a point of intersection with the existing northerly Legal Right-of-Way Line For City Street of Union Station Place, thence;
- 7) Along said existing Legal Right-of-Way Line For City Street, South 81° 50' 39" West a distance of 73.72', to the point and place of BEGINNING.

Containing 4,680 square feet or 0.107 acres, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

"REQUIRED AERIAL EASEMENT (LEFT)"

AND ALSO all that certain Required Aerial Easement (Left) situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled "Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County," prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Brighton Street (50' width), running thence along said existing westerly Legal Right-of-Way Line of SR 0378, North 10° 16' 32" West a distance of 145', more or less, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1C-0204E) on the south and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the north, said point being the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475303.6859 E 2625181.5690 and located approximately 34.5 feet westerly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Leaving said Legal Right-of-Way line, along said dividing line South 82° 20' 57" West a distance of 7.87 feet, to a point where the same is intersected by the Line delineating both Required Aerial Easement and Temporary Construction Easement For Access (Left), thence;
- 2) Leaving said dividing line, along said Line delineating Required Aerial Easement and Temporary Construction Easement For Access, North 10° 16' 32" West, a distance of 153.32 feet, more or less, to a point on the Legal Right-of-Way Line of the Lehigh River (a navigable river of the Commonwealth of Pennsylvania), thence;
- 3) Along said Legal Right-of-Way Line on a line with an approximate meander of North 74° 40' 38" East, a distance of 7.75 feet, to a point where the same is intersected by the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378, thence;

- 4) Along said Legal Right-of-Way Line, South 10° 16' 32" East, a distance of 154.36 feet, to the point and place of BEGINNING.

Containing 1,198 square feet or 0.028 acres, more or less.

Being also known as a portion of Tax Parcel P6-2-1-0204E, City of Bethlehem, Northampton County.

“TEMPORARY CONSTRUCTION EASEMENT FOR ACCESS (LEFT)”

TOGETHER WITH all that certain Temporary Construction Easement For Access (Left) situated in the City of Bethlehem, County of Northampton, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing northerly Legal Right-of-Way Line For City Street of Brighton Street (50' width), running thence along said existing westerly Legal Right-of-Way Line of SR 0378, North 10° 16' 32" West a distance of 145', more or less, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # P6-2-1C-0204E) on the south and Pennsylvania Lines, LLC (Parcel # P6-2-1-0204E) on the north, and thence along said dividing line South 82° 20' 57" West a distance of 7.87', more or less, to a point on the Line delineating both Required Aerial Easement and Temporary Construction Easement For Access (Left), the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 475302.6961 E 2625173.7069 and located approximately 34.5 feet easterly of Railroad Milepost 88.75, decreasing mileage eastward, as shown on Railroad Valuation Map V7 Sheet 12, Lehigh Valley R.R. Co. Mainline, (LC 0502), and running thence;

- 1) Along said dividing line, South 82° 20' 57" West a distance of 17.15 feet, to a point where the same is intersected by the Line delineating Temporary Construction Easement For Access (Left), thence;
- 2) Leaving said dividing line and along said Temporary Construction Easement For Access, North 10° 16' 32" West, a distance of 94.64 feet, thence;
- 3) Still along the same, North 06° 57' 28" East, a distance of 26.17 feet, thence;
- 4) Still along the same, North 26° 43' 03" West, a distance of 35.22 feet, to a point on the Legal Right-of-Way Line of the Lehigh River (a navigable river of the Commonwealth of Pennsylvania) where the same is intersected by the Line delineating both Required Aerial Easement and Temporary Construction Easement For Access (Left), thence;
- 5) Still along the same, South 83° 27' 09" East, a distance of 6.87 feet, thence
- 6) Still along the same, North 74° 48' 24" East, a distance of 12.98 feet, thence

ALL PROPERTIES ARE PLOTTED FROM DEEDS OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, OR FROM FIELD SURVEY. PROPERTY LINES WERE SURVEYED ONLY WHEN DETERMINED NECESSARY BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. PROPERTY LINES NOT ESTABLISHED BY FIELD SURVEY WERE PLOTTED BASED ON EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA.

THIS PROPERTY PLOT IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

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.

WHERE AN AERIAL EASEMENT IS ACQUIRED, IT SHALL INCLUDE AN EASEMENT IN THE AIR FOR THE ACCOMMODATION OF THE ELEVATED HIGHWAY STRUCTURE UNLIMITED IN VERTICAL DIMENSION ABOVE THE STRUCTURE, A SURFACE EASEMENT UNLIMITED IN VERTICAL DIMENSION FOR THE ACCOMMODATION OF PIERS AND OTHER APPURTENANCES AND A TEMPORARY EASEMENT FOR CONSTRUCTION PURPOSES INCLUDING THE STORAGE OF MATERIALS DURING CONSTRUCTION FOR THE ENTIRE AREA. THE FOLLOWING LIMITATIONS SHALL BE IMPOSED ON THE PROPERTY BENEATH THE AREA AFFECTED BY THE AERIAL EASEMENT.

NO USE SHALL BE MADE OF THE PROPERTY WHICH SHALL ENDANGER THE STRUCTURE OR THE HEALTH, SAFETY OR WELFARE OF THE TRAVELING PUBLIC.

NO FLAMMABLE, EXPLOSIVE, DANGEROUS OR HAZARDOUS MATERIAL SHALL BE USED, PLACED OR STORED ON THE PROPERTY.

NO BUILDING OR OTHER FACILITY SHALL BE CONSTRUCTED ON THE PROPERTY WITHOUT PRIOR AUTHORITY OF THE DEPARTMENT OF TRANSPORTATION. IF AND WHEN SUCH AUTHORITY IS GRANTED, THE PLANS FOR THE BUILDING OR FACILITY AND CONSTRUCTION METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

NO INTERFERENCE SHALL BE MADE WITH THE RIGHT OF THE DEPARTMENT OF TRANSPORTATION TO ENTER UPON THE PROPERTY FOR THE PURPOSES OF INSPECTION, MAINTENANCE, REPAIR, PAINTING, RECONSTRUCTION OR ALTERATION OF THE STRUCTURE OR APPURTENANCES. MOVABLE ITEMS MAY HAVE TO BE REMOVED BY THE OWNER DURING SOME OR ALL OF THE ABOVE OPERATIONS.

ANY SUBSTANTIAL CHANGE IN PROPERTY USE TO BE MADE SUBSEQUENT TO THE ACQUISITION OF THE EASEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION.

THE NOTES ON THESE DRAWINGS SHALL NOT BE CONSTRUED AS LIMITING OR INTERFERING IN ANY WAY WITH THE PRESENT AND FUTURE OPERATION, USE, MAINTENANCE, REPAIR, RENEWAL, CHANGE, ADDITION, BETTERMENT OR ALTERATION OF THE RAILROAD AND ITS SUPPORTING FACILITIES.

PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY

PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY

PENNSYLVANIA LINES LLC,
A DELAWARE LIMITED LIABILITY COMPANY,
c/o NORFOLK SOUTHERN RAILWAY COMPANY

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	55 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

REQUIRED TEMPORARY CONSTRUCTION EASEMENT (LEFT 1)				
STATION	OFFSET	NORTH	EAST	
1	118+99.00	42.5'	476182.7417	2625015.0862
2	117+97.00	42.5'	476082.0717	2625033.2368
3	117+97.00	48'	476081.0157	2625027.4145
4	118+99.00	48'	476181.8256	2625009.2139

REQUIRED TEMPORARY CONSTRUCTION EASEMENT (LEFT 2)				
STATION	OFFSET	NORTH	EAST	
1	119+50.00	42.5'	476232.8929	2625006.0217
2	119+15.00	42.5'	476198.1089	2625012.3155
3	119+11.00	48'	476193.6529	2625007.1272
4	119+46.00	48'	476228.1898	2625001.0162

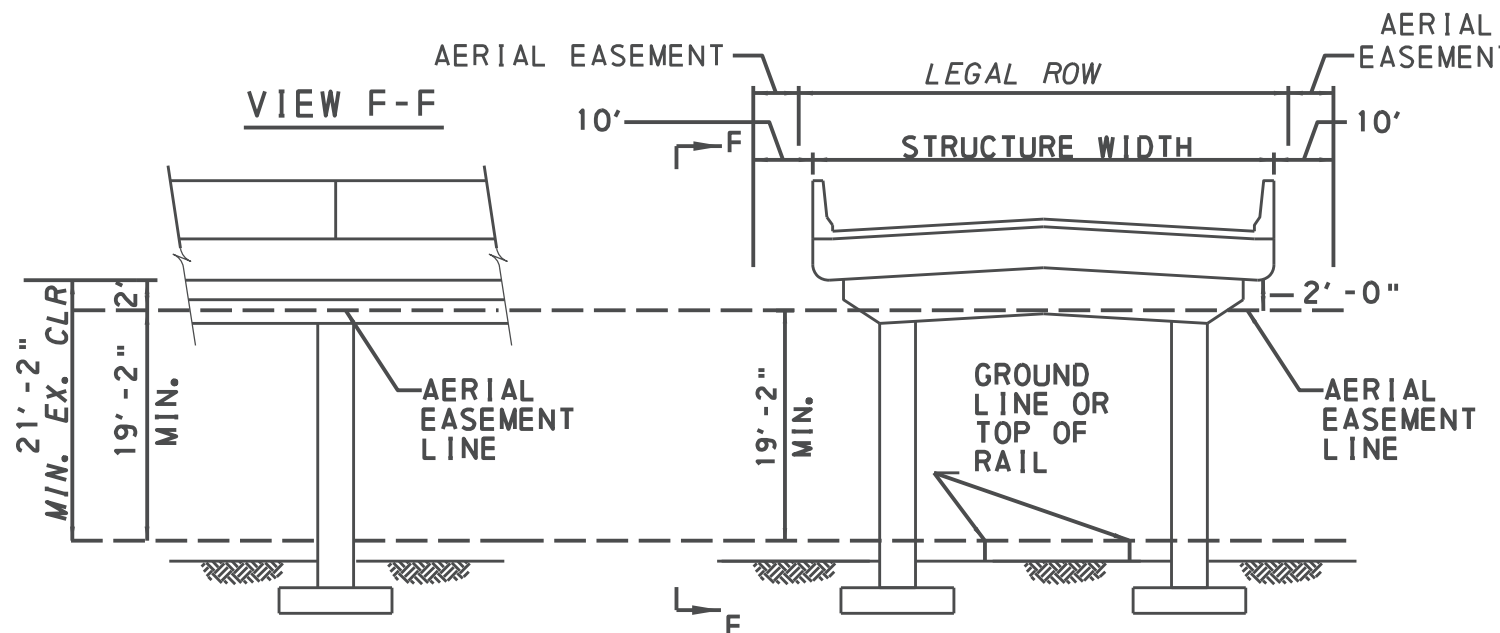
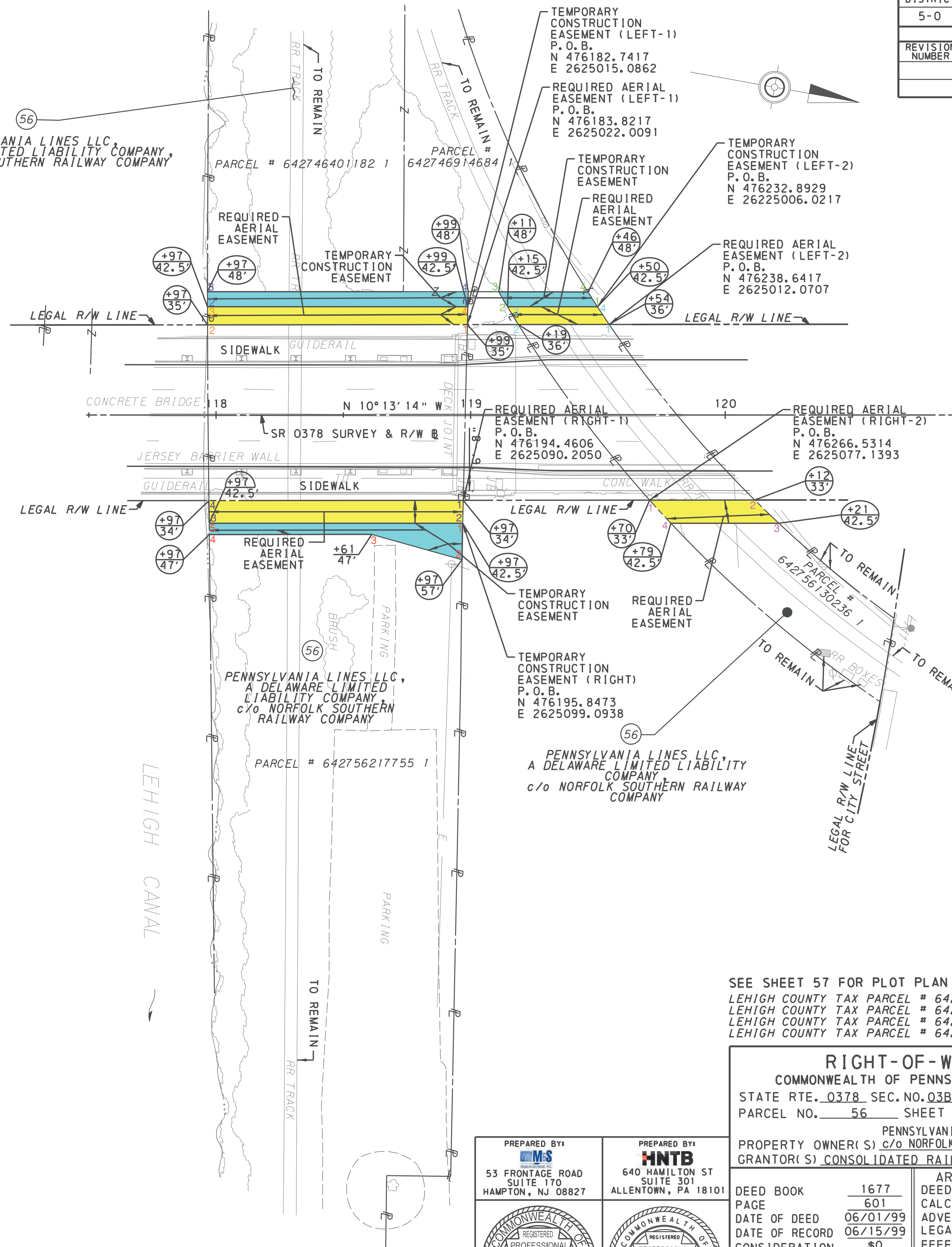
REQUIRED TEMPORARY CONSTRUCTION EASEMENT (RIGHT)				
STATION	OFFSET	NORTH	EAST	
1	118+97.00	42.5'	476195.8473	2625099.0938
2	118+97.00	57'	476198.1517	2625113.2662
3	118+61.00	47'	476161.4939	2625109.7490
4	117+97.00	47'	476098.6466	2625121.1425
5	117+97.00	42.5'	476097.8045	2625116.7708

REQUIRED AERIAL EASEMENT (RIGHT 1)				
STATION	OFFSET	NORTH	EAST	
1	118+97.00	34'	476194.4606	2625090.2050
2	118+97.00	34'	476195.8473	2625099.0938
3	117+97.00	42.5'	476097.8398	2625116.8717
4	117+97.00	42.5'	476096.1219	2625108.0329

REQUIRED AERIAL EASEMENT (RIGHT 2)				
STATION	OFFSET	NORTH	EAST	
1	119+70.00	33'	476266.5314	2625077.1393
2	120+12.00	33'	476307.1547	2625069.7747
3	120+21.00	42.5'	476318.0620	2625077.0587
4	119+79.00	42.5'	476276.3396	2625084.5636

REQUIRED AERIAL EASEMENT (LEFT 1)				
STATION	OFFSET	NORTH	EAST	
1	118+99.00	35'	476183.8217	2625022.0091
2	117+97.00	35'	476083.3393	2625040.2255
3	117+97.00	42.5'	476182.7417	2625015.0862
4	118+99.00	42.5'	476082.0717	2625033.2368

REQUIRED AERIAL EASEMENT (LEFT 2)				
STATION	OFFSET	NORTH	EAST	
1	119+54.00	36'	476238.6417	2625012.0707
2	119+19.00	36'	476203.5300	2625018.4361
3	119+15.00	42.5'	476198.1089	2625012.3155
4	119+50.00	42.5'	476232.8929	2625006.0217



SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT
AERIAL EASEMENT SKETCH FOR PARCEL 56

N. T. S.

USE OF AIRSPACE BENEATH THE ESTABLISHED GRADELINE OF THE HIGHWAY SHALL PROVIDE SUFFICIENT VERTICAL AND HORIZONTAL CLEARANCES FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, VENTILATION AND SAFETY OF THE HIGHWAY FACILITY. THE ESTATE ACQUIRED ABOVE THE AERIAL EASEMENT LINE MAY BE ENTERED ON BY MOVING VEHICLES SUCH AS TRUCKS OR RAILROAD ROLLING STOCK.

DETAIL
SHEET 1 OF 2

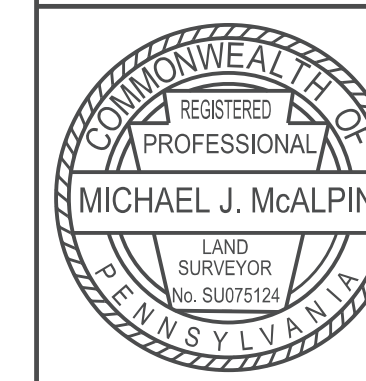
SEE SHEET 57 FOR PLOT PLAN

LEHIGH COUNTY TAX PARCEL # 642746401182 1
LEHIGH COUNTY TAX PARCEL # 642746914684 1
LEHIGH COUNTY TAX PARCEL # 642756130236 1
LEHIGH COUNTY TAX PARCEL # 642756217755 1

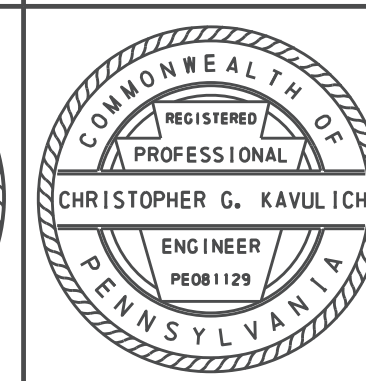
* WITHIN LIMITS
OF APPRAISAL

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA-DEPARTMENT OF TRANSPORTATION			
STATE RTE. 0378 SEC. NO. 03B R/W CITY OF BETHLEHEM LEHIGH COUNTY		PARCEL NO. 56 SHEET NO. 23 CLAIM NO. _____	
GRANTOR(S) CONSOLIDATED RAIL CORPORATION, A PENNSYLVANIA CORPORATION			
PROPERTY OWNER(S) c/o NORFOLK SOUTHERN RAILWAY COMPANY			
GRANTOR(S) PENNSYLVANIA LINES LLC, A DELAWARE LIMITED LIABILITY COMPANY,			
DEED BOOK	1677	AREAS ACRE/SF	REQUIRED AREA ACRE/SF
PAGE	601	DEED	RIGHT OF WAY
DATE OF DEED	06/01/99	CALCULATED*	71937
DATE OF RECORD	06/15/99	ADVERSES	---
CONSIDERATION	\$0	LEGAL R/W	9609
TAX STAMPS	\$64,940	EFFECTIVE	62328
		TOTAL REQ'D R/W	---
		TOTAL RESIDUE	62328
		RESIDUE LT	---
		RESIDUE RT	---
		REQ AERIAL EASE	2241
		TEMP CONSTR EASE	1428
		VERIFICATION DATE	11-07-25
		DRAWN BY	M. D. S.
		SCALE	0' 25' 50'

PREPARED BY:
MS
53 FRONTAGE ROAD
SUITE 170
HAMPTON, NJ 08827



PREPARED BY:
HNTB
640 HAMILTON ST
SUITE 301
ALLENTOWN, PA 18101





Mallick & Scherer, P.C.

Consulting Engineers
Construction Inspectors
Environmental Scientists
Professional Land Surveyors

DESCRIPTION OF PORTIONS OF
LEHIGH COUNTY TAX PARCEL # 642-746-401-182, PARCEL # 642-746-914-684, PARCEL # 642-756-217-755 AND PARCEL # 642-756-130-236
CITY OF BETHLEHEM
LEHIGH COUNTY, PENNSYLVANIA

“PARCEL 56: REQUIRED AERIAL EASEMENT LEFT-1”

ALL that certain Required Aerial Easement (Left-1) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Mallick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69’ width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60’ width), running thence along said existing westerly Legal Right-of-Way Line of SR 0378, South 10° 16’ 32” East a distance of 180.37’ to a point where the same is the intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-401-182 and Parcel # 642-756-217-755) on the south, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476183.8217 E 2625022.0091 and located approximately 34.5 feet westerly of Railroad Milepost 84.54, increasing mileage westward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said existing westerly Legal Right-of-Way line of SR 0378 South 10° 16’ 32” East a distance of 102.12’ to a point where the same intersects with the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-745-498-206) on the south and Pennsylvania Lines, LLC (Parcel # 642-746-401-182) on the north, and running thence;
- 2) Leaving said existing Legal Right-of-Way Line and running along said dividing line on a line with an approximate meander of South 79° 43’ 11” West, a distance of 7.10 feet, to a point where the same is intersected by the Line delineating Required Temporary Construction Easement (Left-1) and this Required Aerial Easement, thence;
- 3) Leaving said dividing line along the Required Aerial Easement Line and said Temporary Construction Easement (Left-1), North 10° 13’ 14” West a distance of 102.29 feet to a point where the said Required Aerial Easement and dividing line is intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-401-182) on the south, thence;

53 Frontage Road
Suite 170
Hampton, NJ 08827
Ph 908.537.1300
Fax 908.537.1398

112 W. 34th Street,
18th Floor
New York, NY 10120
Ph 212.202.1559

1635 Market Street
#1600
Philadelphia, PA 19103
Ph 215.634.9043

- 4) Along said dividing line North 81° 07' 59" East, a distance of 7.01 feet, to a point where the same is intersected by the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378, the point and place of BEGINNING.

Containing 721 square feet or 0.017 acres of land, more or less.

Being also known as a portion of Tax Parcel 642-746-401-182, City of Bethlehem, Lehigh County.

“REQUIRED AERIAL EASEMENT LEFT-2”

ALL that certain Required Aerial Easement (Left-2) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60' width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, South 10° 16' 32" East a distance of 124.65', more or less, to a point where the same is the intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-038-416) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-914-684) on the south, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476238.6417 E 2625012.0707 and located approximately 34.5 feet westerly of Railroad Milepost 84.54, increasing mileage westward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said existing westerly Legal Right-of-Way line of SR 0378 South 10° 16' 32" East a distance of 35.68' to a point where the same intersects with the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the southeast and Pennsylvania Lines, LLC (Parcel # 642-756-130-236 and Parcel # 642-746-914-684) on the northwest, a non-tangent point of curvature and running thence;
- 2) Leaving said existing Legal Right-of-Way Line and running along said dividing line, on a curve to the right, having a radius of 492.47 feet, an arc length of 8.18 feet, a chord bearing South 48° 28' 07" West, and a chord distance of 8.18 feet, the end of curve where the same is intersected by the Line delineating Temporary Construction Easement (Left-2), thence;
- 3) Leaving said dividing line along the Required Aerial Easement Line, North 10° 13' 14" West, a distance of 35.31 feet to a point where the same is intersected by the line dividing lands now or formerly of James C Hobar & Carol A Hobar (Parcel # 642-746-923-070) on the west, now or formerly Alvin Benjamin and Rose Benjamin (Parcel # 642-746-937-125) on the northwest, now or formerly City of Bethlehem (Parcel # 642-756-038-416) on the northeast, and now or formerly Pennsylvania Lines, LLC (Parcel # 642-746-914-684) on the south, thence;
- 4) Along said dividing line, on a curve to the left, having a radius of 462.47 feet, an arc length of 8.35 feet, a chord bearing North 46° 10' 47" East, and a chord distance of 8.35 feet, to a

point on curve where the same is intersected by the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378, the point and place of BEGINNING.

Containing 247 square feet or 0.006 acres, more or less.

Being also known as a portion of Tax Parcel 642-746-914-684, City of Bethlehem, Lehigh County.

“REQUIRED AERIAL EASEMENT RIGHT-1”

ALL that certain Required Aerial Easement (Right-1) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60' width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, South 10° 16' 32" East a distance of 175.68', to a point where the same is the intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the south, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476194.4606 E 2625090.2050 and located approximately 94 feet southerly and easterly of Railroad Valuation Station 990+11, increasing mileage southwestward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Leaving said existing easterly Legal Right-of-Way Line, along the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the south, North 81° 07' 59" East, a distance of 9.00 feet, to a point where said dividing line is intersected by the line delineating both Temporary Construction Easement and Required Aerial Easement, thence;
- 2) Leaving said dividing line and along said Required Aerial Easement Line, South 10° 13' 14" East, a distance of 99.62 feet, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-310-065) on the south and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the north, thence;
- 3) Along said dividing line on a line with an approximate meander of South 79° 06' 04" West, a distance of 8.90 feet, to a point of intersection between said dividing line and the existing easterly Right-of-Way Line of Pennsylvania State Route 0378, thence;
- 4) Leaving said dividing line along said existing easterly Right-of-Way Line, North 10° 16' 32" West, a distance of 99.92 feet, to a point where the same is intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the south, also the point and place of BEGINNING.

Containing 893 square feet or 0.020 acres, more or less.

Being also known as a portion of Tax Parcel 642-756-217-755, City of Bethlehem, Lehigh County.

“REQUIRED AERIAL EASEMENT RIGHT-2”

ALL that certain Required Aerial Easement (Right-2) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00’ width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60’ width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, South 10° 16’ 32” East a distance of 102.37’, to a point where the same is the intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the south and Pennsylvania Lines, LLC (Parcel # 642-756-130-236) on the north, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476266.5314 E 2625077.1393 and located approximately 21 feet southerly of Railroad Valuation Station 990+11, increasing stationing southwestward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Leaving said dividing line, along said existing easterly Legal Right-of-Way Line, North 10° 16’ 32” West, a distance of 41.29 feet, to a point where said Legal Right-of-Way Line is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-038-416) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-130-236) on the south, thence;
- 2) Leaving said Legal Right-of-Way Line along said dividing line on a curve to the left, having a radius of 462.47 feet, an arc length of 13.12 feet, a chord bearing North 33° 44’ 07” East, and a chord distance of 13.12 feet, the end of curve where the same is intersected by the Line delineating Required Aerial Easement, thence;
- 3) Along Required Aerial Easement Line, South 10° 13’ 14” East, a distance of 42.41 feet, to a point where said Required Aerial Easement Line is intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-227-809) on the southeast and Pennsylvania Lines, LLC (Parcel # 642-756-130-236) on the northwest, thence;
- 4) Along said dividing line, on a curve to the right, having a radius of 492.47 feet, an arc length of 12.30 feet, a chord bearing South 37° 14’ 46” West, and a chord distance of 12.30 feet, to the end of curve where the same is intersected by the existing easterly Right-of-Way Line of Pennsylvania State Route 0378, also the point and place of BEGINNING.

Containing 380 square feet or 0.009 acres, more or less.

Being also known as a portion of Tax Parcel 642-756-130-236, City of Bethlehem, Lehigh County.

“TEMPORARY CONSTRUCTION EASEMENT LEFT-1”

ALL that certain Required Aerial Easement (Left-1) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69’ width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60’ width), running thence along said existing westerly Legal Right-of-Way Line of SR 0378, South 10° 16’ 32” East a distance of 180.37’ to a point where the same is the intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-401-182 and Parcel # 642-756-217-755) on the south, thence along said dividing line South 79° 43’ 11” West, a distance of 7.00’ to a point of intersection dividing Required Aerial Easement (Left-1) also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476182.7417 E 2625015.0862 and located approximately 34.5 feet westerly of Railroad Milepost 84.54, increasing mileage westward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said dividing line of this Temporary Construction Easement and said Required Aerial Easement (Left-1), South 10° 13’ 14” East a distance of 102.29’ to a point where the same intersects with the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-745-498-206) on the south and Pennsylvania Lines, LLC (Parcel # 642-746-401-182) on the north, and running thence;
- 2) Along said dividing line on a line with an approximate meander of South 79° 43’ 11” West, a distance of 5.92 feet, to a point where the same is intersected by the Line delineating Required Temporary Construction Easement (Left-1), thence;
- 3) Leaving said dividing line and partially along the line dividing lands now or formerly of Pennsylvania Lines, LLC (Parcel # 642-746-914-684 and Parcel # 642-746-401-182), North 10° 14’ 03” West a distance of 102.44 feet to a point where the dividing line is intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-401-182) on the south, thence;
- 4) Along said dividing line North 81° 07’ 59” East, a distance of 5.94 feet, to a point and place of BEGINNING.

Containing 607 square feet or 0.014 acres of land, more or less.

Being also known as a portion of Tax Parcel 642-746-401-182, City of Bethlehem, Lehigh County.

“TEMPORARY CONSTRUCTION EASEMENT LEFT-2”

ALL that certain Required Aerial Easement (Left-2) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00' width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60' width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, South 10° 16' 32" East a distance of 124.65', more or less, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-038-416) on the north and Pennsylvania Lines, LLC (Parcel # 642-746-914-684) on the south, thence along said dividing line along a curve to the right, having a radius of 462.47 feet, an arc length of 15.21 feet, a chord bearing South 46° 36' 19" West, and a chord distance of 15.21 feet, to a point of intersection of this Temporary Construction Easement and Required Aerial Easement (Left-2) also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476232.8633 E 2625006.0494 and located approximately 34.5 feet westerly of Railroad Milepost 84.54, increasing mileage westward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said dividing line of this Temporary Construction Easement and said Required Aerial Easement (Left-2), South 10° 13' 14" East a distance of 35.31' to a point where the same intersects with the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the southeast and Pennsylvania Lines, LLC (Parcel # 642-756-130-236 and Parcel # 642-746-914-684) on the northwest, a non-tangent point of curvature and running thence;
- 2) Along said dividing line, on a curve to the right, having a radius of 492.47 feet, an arc length of 6.84 feet, a chord bearing South 49° 20' 32" West, and a chord distance of 6.84 feet, the end of curve, thence;
- 3) Across said Pennsylvania Lines, LLC tract, North 10° 02' 03" West, a distance of 35.07 feet to a point where the same is intersected by the line dividing lands now or formerly of James C Hobar & Carol A Hobar (Parcel # 642-746-923-070) on the west, now or formerly Alvin Benjamin and Rose Benjamin (Parcel # 642-746-937-125) on the northwest, now or formerly City of Bethlehem (Parcel # 642-756-038-416) on the northeast, and now or formerly Pennsylvania Lines, LLC (Parcel # 642-746-914-684) on the south, thence;
- 4) Along said dividing line, on a curve to the left, having a radius of 462.47 feet, an arc length of 6.87 feet, a chord bearing North 47° 07' 20" East, and a chord distance of 6.87 feet, to a point on curve where the same is intersected by the existing westerly Legal Right-of-Way Line of Pennsylvania State Route 0378, the point and place of BEGINNING.

Containing 205 square feet or 0.005 acres, more or less.

Being also known as a portion of Tax Parcel 642-746-914-684, City of Bethlehem, Lehigh County.

“TEMPORARY CONSTRUCTION EASEMENT (RIGHT)”

TOGETHER WITH all that certain Temporary Construction Easement (Right) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing easterly Legal Right-of-Way Line of Pennsylvania State Route 0378 (69.00’ width), where the same is intersected by the existing southerly Legal Right-of-Way Line For City Street of Lehigh Street (60’ width), running thence along said existing easterly Legal Right-of-Way Line of SR 0378, South 10° 16’ 32” East a distance of 175.61’, to a point where the same is intersected by the line dividing lands now or formerly of Bethlehem Parking Authority (Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the south, and thence along said dividing line North 81° 07’ 59” East a distance of 9.00’, to a point where said dividing line is intersected by a line delineating both Required Aerial Easement Line and Temporary Construction Easement Line, the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476195.8473 E 2625099.0938 and located approximately 94 feet southerly and easterly of Railroad Valuation Station 990+11, increasing mileage southwestward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said dividing line, North 80° 45’ 52” East a distance of 14.36 feet, to a point where the same is intersected by the Line delineating Temporary Construction Easement Line, thence;
- 2) Leaving said dividing line and along said Temporary Construction Easement Line, South 05° 28’ 51” West, a distance of 36.83 feet, to a point where the same is intersected by the Line delineating both Required Aerial Easement and Temporary Construction Easement Line, thence;
- 5) Continuing along said south line of said Temporary Construction Easement, South 10° 16’ 32” East, a distance of 63.87 feet to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-310-065) on the south and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the north, thence;
- 3) Along said dividing line on a line with an approximate meander of South 79° 06’ 04” West, a distance of 4.45 feet, to a point where the same is intersected by the Line delineating both Required Aerial Easement and Temporary Construction Easement Line, thence;
- 4) Along said dividing line of said Required Aerial Easement and said Temporary Construction Easement, North 10° 13’ 14” West, a distance of 99.62 feet, to a point where the same is intersected by the dividing line between now or formerly Bethlehem Parking Authority

(Parcel # 642-756-012-918) on the north and Pennsylvania Lines, LLC (Parcel # 642-756-217-755) on the south, the point and place of BEGINNING.

Containing 617 square feet or 0.014 acres, more or less.

Being also known as a portion of Tax Parcel 642-756-217-755, City of Bethlehem, Lehigh County.

ALL OF THE ABOVE DESCRIBED BEING SUBJECT, to all easements, recorded or unrecorded, affecting the herein described premises.

Being a portion of real estate which became legally vested in now or formerly Pennsylvania Lines, LLC (c/o Norfolk Southern Railway Co.) by deed of Consolidated Rail Corporation, dated June 1, 1999 and recorded June 15, 1999, in Deed Book 1677, Page 601, in the Lehigh County Courthouse.

Michael J. McAlpin	Date
Registered Professional Land Surveyor	
License No. SU075124	
53 Frontage Road, Suite 170	
Hampton N.J. 08827	
Ph. 908-537-1300	

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	0378	03B R/W	64 OF 66
CITY OF BETHLEHEM				
REVISION NUMBER	REVISIONS	DATE	BY	

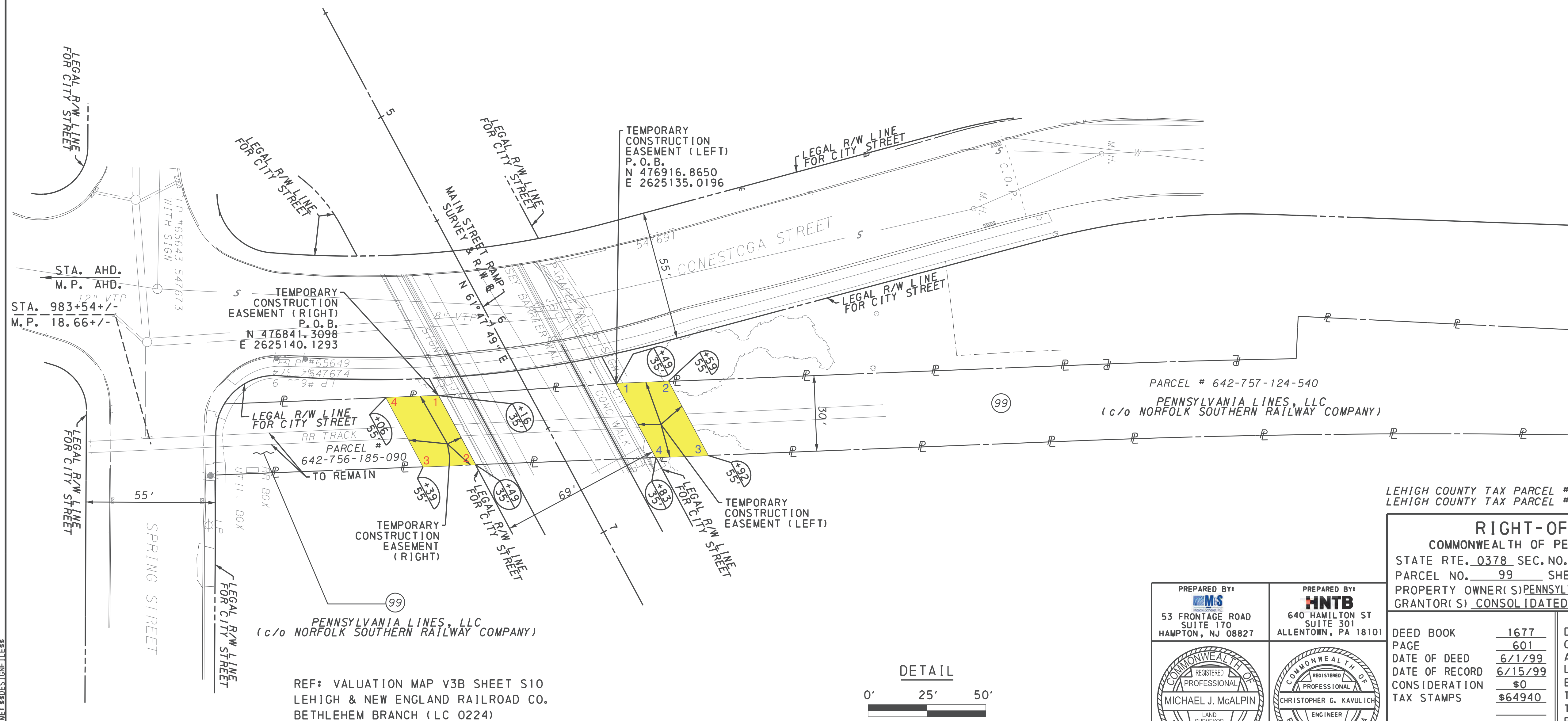
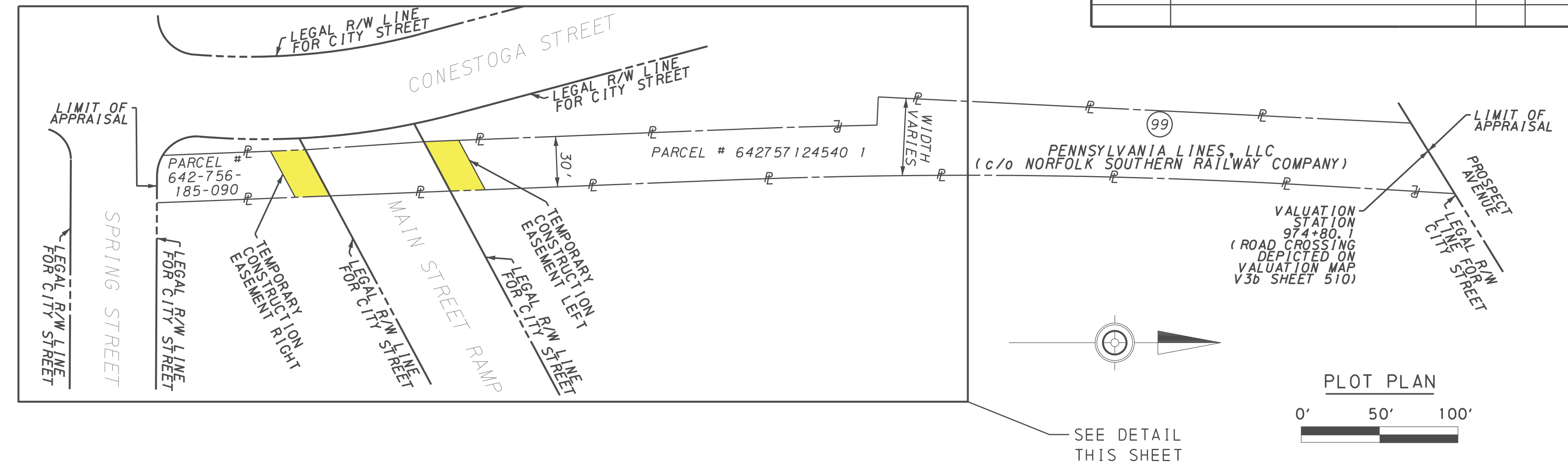
ALL PROPERTIES ARE PLOTTED FROM DEEDS OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, OR FROM FIELD SURVEY. PROPERTY LINES WERE SURVEYED ONLY WHEN DETERMINED NECESSARY BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. PROPERTY LINES NOT ESTABLISHED BY FIELD SURVEY WERE PLOTTED BASED ON EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA.

THIS PROPERTY PLOT IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

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.

REQUIRED TEMPORARY CONSTRUCTION EASEMENT (LEFT)				
STATION	OFFSET	NORTH	EAST	
1	06+49.00	35'	476916.8650	2625135.0196
2	06+59.00	55'	476939.0797	2625134.1253
3	06+92.00	55'	476955.9544	2625165.5924
4	06+83.00	35'	476933.7341	2625166.4763

REQUIRED TEMPORARY CONSTRUCTION EASEMENT (RIGHT)				
STATION	OFFSET	NORTH	EAST	
1	06+16.00	35'	476841.3098	2625140.1293
2	06+49.00	35'	476857.0741	2625169.5259
3	06+39.00	55'	476834.8539	2625170.4098
4	06+06.00	55'	476819.0895	2625141.0132



LEHIGH COUNTY TAX PARCEL # 642756185090
 LEHIGH COUNTY TAX PARCEL # 642757124540 * WITHIN LIMITS OF APPRAISAL

RIGHT-OF-WAY CLAIM INFORMATION			
COMMONWEALTH OF PENNSYLVANIA-DEPARTMENT OF TRANSPORTATION			
STATE RTE.	0378	SEC. NO.	03B R/W CITY OF BETHLEHEM LEHIGH COUNTY
PARCEL NO.	99	SHEET NO.	24 CLAIM NO.
PROPERTY OWNER(S) PENNSYLVANIA LINES, LLC (c/o NORFOLK SOUTHERN RAILWAY COMPANY)			
GRANTOR(S) CONSOLIDATED RAIL CORPORATION			
DEED BOOK	1677	AREAS ACRE/SF	REQUIRED AREA ACRE/SF
PAGE	601	CALCULATED*	RIGHT OF WAY
DATE OF DEED	6/1/99	ADVERSES	
DATE OF RECORD	6/15/99	LEGAL R/W	
CONSIDERATION	\$0	EFFECTIVE	
TAX STAMPS	\$64940	TOTAL REQ'D R/W	TEMP CONSTR EASE 1381
		TOTAL RESIDUE	VERIFICATION DATE 11-07-25
		RESIDUE LT	DRAWN BY M.D.S.
		RESIDUE RT	SCALE: AS SHOWN

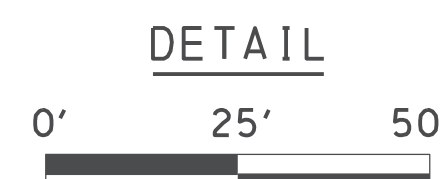
PREPARED BY: **HNTB**
 640 HAMILTON ST
 SUITE 301
 ALLENTOWN, PA 18101

PREPARED BY: **MS**
 53 FRONTAGE ROAD
 SUITE 170
 HAMPTON, NJ 08827

REGISTERED PROFESSIONAL SURVEYOR
 MICHAEL J. McALPIN
 PE081229

REGISTERED PROFESSIONAL ENGINEER
 CHRISTOPHER G. KAVULICH
 PE081129

REF: VALUATION MAP V3B SHEET S10
 LEHIGH & NEW ENGLAND RAILROAD CO.
 BETHLEHEM BRANCH (LC 0224)





Mallick & Scherer, P.C.

Consulting Engineers
Construction Inspectors
Environmental Scientists
Professional Land Surveyors

**DESCRIPTION OF PORTIONS OF
LEHIGH COUNTY TAX PARCEL # 642-757-124-540
AND PARCEL # 642-756-185-090
CITY OF BETHLEHEM
LEHIGH COUNTY, PENNSYLVANIA**

“TEMPORARY CONSTRUCTION EASEMENT LEFT”

ALL that certain Temporary Construction Easement (Left) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Mallick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing northwesterly Legal Right-of-Way Line For City Street of Main Street Ramp (69’ width), where the same is intersected by the existing easterly Legal Right-of-Way Line For City Street of Conestoga Street (55’ width), running thence along said existing northwesterly Legal Right-of-Way Line of Main Street Ramp, North 61° 47’ 49” East a distance of 13.04 feet to a point where the same is the intersected by the line dividing lands now or formerly of Conestoga Properties, Inc. (Parcel # 642-757-039-678) on the west and Pennsylvania Lines, LLC (Parcel # 642-757-124-540) on the east, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476916.8650 E 2625135.0196 and located approximately 34.5 feet westerly of approximate Valuation Station 981+24, increasing stationing southward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Leaving said existing northwesterly Legal Right-of-Way Line For City Street of Main Street Ramp and running along the line dividing lands now or formerly of Conestoga Properties, Inc. (Parcel # 642-757-039-678) on the west and Pennsylvania Lines, LLC (Parcel # 642-757-124-540) on the east North 02° 18’ 19” West a distance of 22.23 feet to a point where the same intersects with the line delineating Temporary Construction Easement Left, and running thence;
- 2) Leaving said dividing line and running along said line delineating Temporary Construction Easement Left, North 61° 47’ 49” East, a distance of 35.71 feet, to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-757-216-945) on the east and Pennsylvania Lines, LLC (Parcel # 642-757-124-540) on the west, thence;
- 3) Along said dividing line, South 02° 16’ 41” East a distance of 22.24 feet to a point where the same is intersected by the existing northwesterly Legal Right-of-Way Line For City Street of Main Street Ramp, thence;

53 Frontage Road
Suite 170
Hampton, NJ 08827
Ph 908.537.1300
Fax 908.537.1398

112 W. 34th Street,
18th Floor
New York, NY 10120
Ph 212.202.1559

1635 Market Street
#1600
Philadelphia, PA 19103
Ph 215.634.9043

- 4) Leaving said dividing line and running along said existing Legal Right-of-Way Line South 61° 47' 49" West, a distance of 35.69 feet, to a point where the same is intersected by the line dividing lands now or formerly of Conestoga Properties, Inc. (Parcel # 642-757-039-678) on the west and Pennsylvania Lines, LLC (Parcel # 642-757-124-540) on the east, the point and place of BEGINNING.

Containing 714 square feet or 0.016 acres, more or less.

Being also known as a portion of Tax Parcel 642-757-124-540, City of Bethlehem, Lehigh County.

“PARCEL 99: TEMPORARY CONSTRUCTION EASEMENT RIGHT”

ALL that certain Temporary Construction Easement (Right) situated in the City of Bethlehem, County of Lehigh, Pennsylvania; as shown on an exhibit entitled “Commonwealth of Pennsylvania, Department of Transportation, Drawings Authorizing Acquisition of Right-Of-Way for State Route 378, Section 03B R/W, In Northampton And Lehigh County,” prepared by HNTB Corporation and Malick and Scherer, PC; being bounded and described as follows:

COMMENCING at a point on the existing southeasterly Legal Right-of-Way Line For City Street of Main Street Ramp (69' width), where the same is intersected by the existing easterly Legal Right-of-Way Line For City Street of Conestoga Street (55' width), running thence along said existing southeasterly Legal Right-of-Way Line of Main Street Ramp, North 61° 47' 49" East a distance of 8.28 feet to a point where the same is the intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-173-979) on the west and Pennsylvania Lines, LLC (Parcel # 642-756-185-090) on the east, also the point and place of BEGINNING for this description. Said point having Pennsylvania State Plane Coordinates N 476841.3098 E 2625140.1293 and located approximately 34.5 feet westerly of approximate Valuation Station 982+00, increasing stationing southward, as shown on Railroad Valuation Map V3B Sheet S10, Lehigh and New England R.R. Co. Bethlehem Branch, (LC 0224), and running thence;

- 1) Along said existing southeasterly Legal Right-of-Way Line For City Street of Main Street Ramp, North 61° 47' 49" East a distance of 33.36 feet to a point where the same intersects with the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-383-585) on the east and Pennsylvania Lines, LLC (Parcel # 642-756-185-090) on the west, and running thence;
- 2) Leaving said existing Legal Right-of-Way Line and running along said dividing line, South 02° 16' 41" East, a distance of 22.24 feet, to a point where the same is intersected by the Line delineating Temporary Construction Easement (Right), thence;
- 3) Leaving said dividing line along the Temporary Construction Easement Line, South 61° 47' 49" West a distance of 33.36 feet to a point where the same is intersected by the line dividing lands now or formerly of City of Bethlehem (Parcel # 642-756-173-979) on the west and Pennsylvania Lines, LLC (Parcel # 642-756-185-090) on the east, thence;

