

RECEIVED
2017 NOV 21 AM 10:23
PA PUC
SECRETARY'S BUREAU

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, Pa 17105-3265

RE: Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the superstructure of the existing bridge where State Route 0291 (Gov. Printz Blvd.) crosses above the tracks of Consolidated Railway Corporation (Conrail), DOT No. 589 291 W in Tinicum Township, Delaware County.

Dear Secretary Chiavetta:

Enclosed for filing, please find the Application of the Department of Transportation.

A copy of this Application and Exhibits has been served upon the parties in the Certificate of Service to the Application.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "Tom French", is written over a horizontal line.

Tom French
District Grade Crossing Administrator
Engineering District 6-0
Department of Transportation

cc: Parties of Record
Mark J. Chappell, P.E., Utilities and Right-of-Way Section, 7th Floor, CKB
Gina M. D'Alfonso, Office of Chief Counsel, 9th Floor, CKB
Ronald J. Hull, P.E. Rail Safety Division, PUC, 3rd Floor, CKB

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the superstructure of the existing bridge where State Route 0291 (Gov. Printz Blvd.) crosses above the tracks of Consolidated Railway Corporation (Conrail), DOT No. 589 291 W in Tinicum Township, Delaware County and the allocation of costs incident thereto.

Application
Docket No: _____

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SECRETARY'S BUREAU

To the Pennsylvania Public Utility Commission:

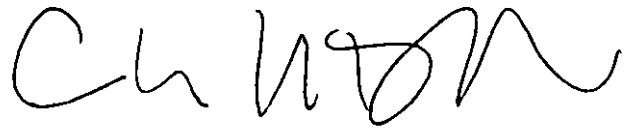
1. The name and address of Applicant are Charles Davies, P.E., Assistant District Executive, Engineering District 6-0, 7000 Geerdes Boulevard, King of Prussia, PA 19406.
2. The name and address of the attorney for the applicant is Jason D. Sharp, Acting Chief Counsel, Commonwealth of Pennsylvania, Department of Transportation, Office of Chief Counsel, PO Box 8212, Harrisburg, PA 17105-3362.
3. The applicant is an agency of the Commonwealth of Pennsylvania, organized and existing under the Administrative Code of 1929, 71 P.S. § 511, et seq. and generally 36 P.S. § 670 - 401 et seq.
4. The names and addresses of the persons, parties and entities concerned in, or affected by the proposed construction, to the best of the Applicant's knowledge, are shown in the certificate of service. In addition to those served, the Applicant requests that the following also receive service of all documents in this matter:

| | |
|---|--|
| Mark J. Chappell, P.E., Chief Utilities and Right of Way Section Pennsylvania Department of Transportation P. O. Box 3362 Harrisburg, PA 17105-3362 | Gina M. D'Alfonso, Senior Counsel in Charge Office of Chief Counsel Pennsylvania Department of Transportation P. O. Box 8212 Harrisburg, PA 17105-8212 |
|---|--|
5. It is desirable to replace the superstructure of the existing bridge carrying State Route 0291, Segment 0210, Offset 0299 – EB and Segment 0211, Offset 0193 – WB, over the tracks of Consolidated Railway Corporation (Conrail). See the provided Plan Sheets and Location Map which is attached hereto and marked as Exhibit "A". Additionally, a copy of the Type, Size and Location Plans has been attached hereto and marked as Exhibit "B".
6. The Average Daily Traffic for State Route 0291 is 12,627 vehicles with 6 % trucks.

7. The estimated total cost for the replacement superstructure is \$13,600,000.00. The funding for the project will be 80% Federal and 20% State funds for construction.
8. This project is necessary and proper for the safety and convenience of the public.
9. A conference of all parties of interest should be held to discuss the proposed alteration.

Wherefore, Applicant respectfully requests that the Public Utility Commission approve this application:

Respectfully Submitted:

A handwritten signature in black ink, appearing to read 'Charles Davies', written in a cursive style.

Charles Davies, P.E.
Assistant District Executive
Engineering District 6-0
Department of Transportation
7000 Geerdes Boulevard
King of Prussia, PA 19406
Phone 610-205-6550
Fax 610-205-6598

Dated: November 16, 2017

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the superstructure of the existing bridge where State Route 0291 (Gov. Printz Blvd.) crosses above the tracks of Consolidated Railway Corporation (Conrail), DOT No. 589 291 W in Tinicum Township, Delaware County and the allocation of costs incident thereto.

Application
Docket No: _____

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VERIFICATION

I, Tom French, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. §4904 (relating to unsworn falsification to authorities).

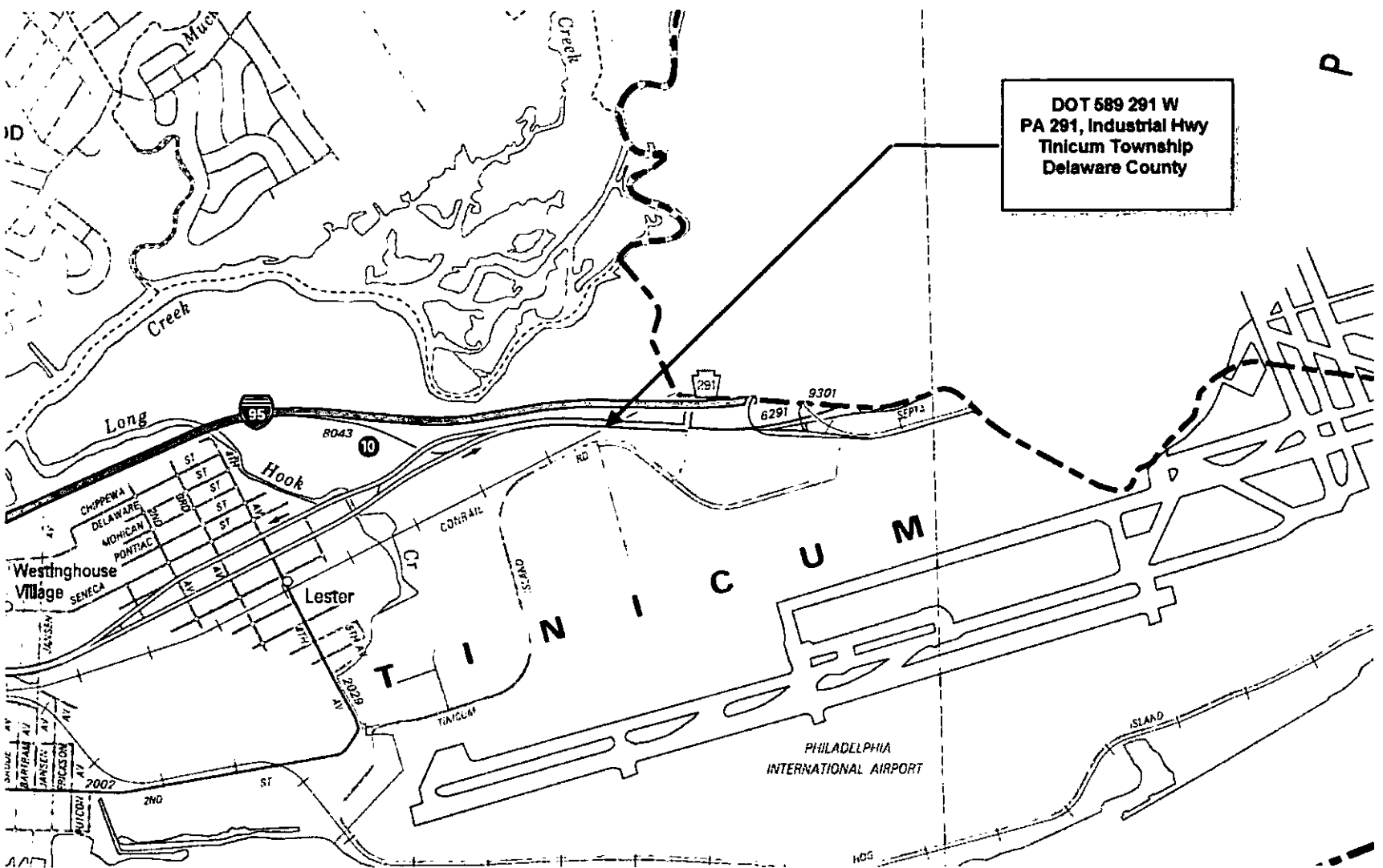
Date: November 16, 2017



Tom French
District 6-0 Grade Crossing Administrator

P

DOT 589 291 W
PA 291, Industrial Hwy
Tinicum Township
Delaware County



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9/10/2015 11:53:12 PM

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2017 NOV 21 AM 10:23

PA PUC SECRETARY'S BUREAU

| DISTRICT | COUNTY | TOWNSHIP | BOROUGH | ROUTE | SECTION | TOTAL SHEETS |
|----------|----------|----------|---------|-------|---------|--------------|
| 6-0 | DELAWARE | TINICUM | -- | 0291 | DEC R/W | 13 |

SR 0291 PREVIOUSLY KNOWN AS LR 762

MPMS 92324

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION

DRAWINGS AUTHORIZING ACQUISITION

OF RIGHT-OF-WAY FOR

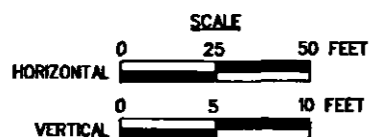
STATE ROUTE 0291 SECTION DEC R/W

IN DELAWARE COUNTY

FROM STA 144+75.00 TO STA 149+91.00 LENGTH 516.00 FT 0.098 MI

FROM SEG 0191 OFFSET 3005 TO SEG 0211 OFFSET 0245

FROM SEG 0190 OFFSET 2924 TO SEG 0210 OFFSET 0285



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

SR 0291 SEC DEC DESIGN DESIGNATION

- HIGHWAY CLASSIFICATION - URBAN MINOR ARTERIAL
- DESIGN SPEED - 40 MPH
- PAVEMENT WIDTH - 2-12' LANES (EACH DIRECTION)
- SHOULDER WIDTH - 8'-0"
- MEDIAN WIDTH - 10'-2 1/2" MAXIMUM
6'-0" MINIMUM

TRAFFIC DATA

- CURRENT ADT - 12,627 (2016)
- DESIGN YEAR ADT - 13,979 (2036)
- DHV - 1259
- D - 70%
- T - 6%

OPERATOR: P.ROJA
\\pa-puc-001\mcs006\DOT\SR_0291\SR0291\Drawings\SR 0291 SEC DEC Design.dgn

RECORDED IN THE OFFICE FOR THE RECORDING OF DEEDS, ETC. IN
DELAWARE COUNTY, PA.

IN BOOK PAGE

WITNESS MY HAND AND SEAL OF OFFICE

DATE

RECORDER

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF DAUPHIN SS

BEFORE ME, A NOTARY PUBLIC, PERSONALLY CAME _____, KNOWN TO ME OR SATISFACTORILY PROVEN TO BE THE PERSON WHO HAS BEEN AUTHORIZED BY WRITTEN DELEGATION TO AFFIX THE FACSIMILE SIGNATURE OF LESLIE S. RICHARDS 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 _____ 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

DATE

PREPARED BY:
AWK CONSULTING ENGINEERS, INC.
3552 GETTYSBURG ROAD,
SUITE 100
CAMP HILL, PA. 17011

REG. PROF. SURVEYOR

DATE

PREPARED BY:
CDM Smith
2025 Market Way, Suite 202
Harrisburg, PA 17110
Tel: (717) 541-4001

REG. PROF. ENGINEER

DATE

RECOMMENDED DATE: _____
DISTRICT PLANS ENGINEER

RECOMMENDED DATE: _____
DISTRICT EXECUTIVE

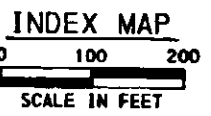
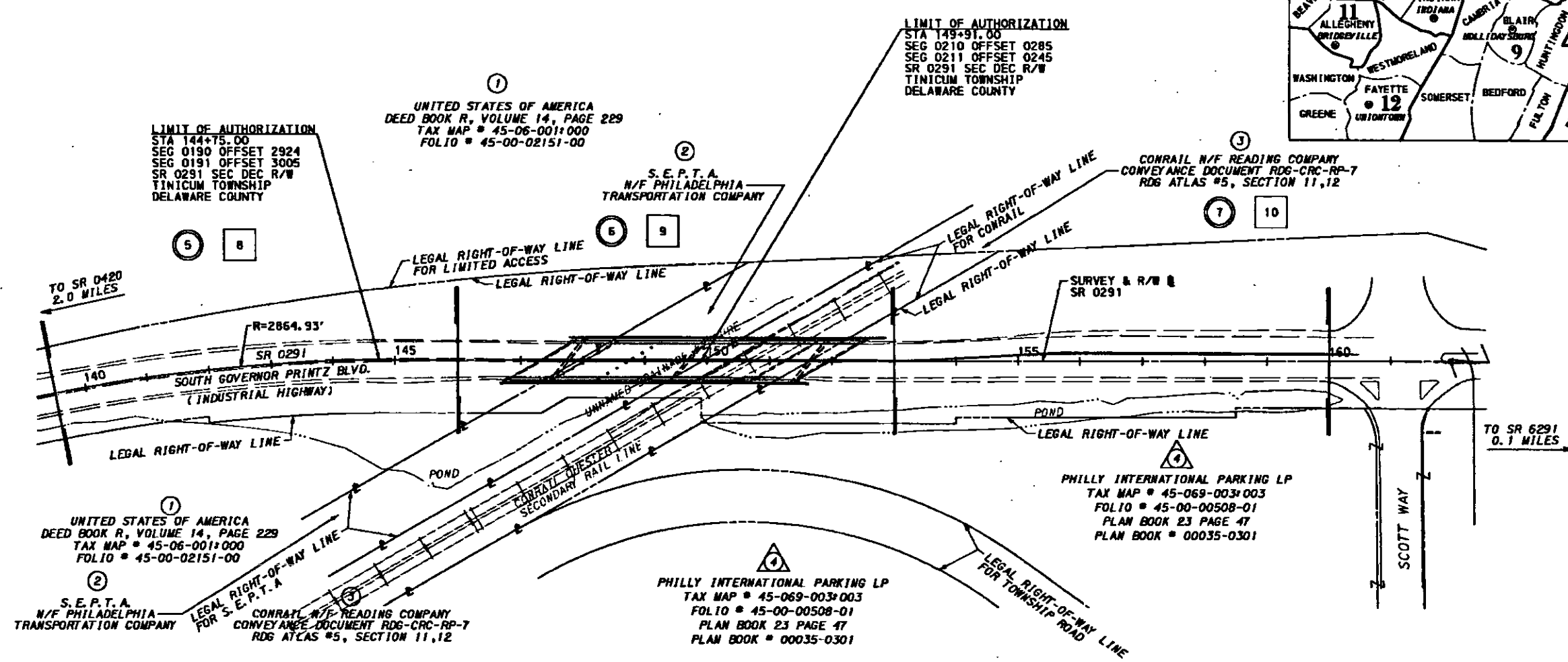
RECOMMENDED DATE: _____
DEPUTY SECRETARY

APPROVED DATE: _____
SECRETARY OF TRANSPORTATION
(ON BEHALF OF THE GOVERNOR AS WELL AS HERSELF)

SHEET INDEX BLOCK

| DESCRIPTION | SHEET |
|--------------------------------|----------|
| TITLE SHEET | 1 |
| INDEX MAP | 2 |
| LOCATION MAP AND GENERAL NOTES | 3 |
| TYPICAL SECTIONS | 4 |
| PLAN SHEETS | 5 TO 7 |
| PROFILE SHEETS | 8 TO 10 |
| PROPERTY PLOT PLANS | 11 TO 13 |

| DISTRICT | COUNTY | ROUTE | SECTION | SHEET |
|------------------|-----------|-------|---------|---------|
| 6-0 | DELAWARE | 0291 | DEC R/W | 2 OF 13 |
| TINICUM TOWNSHIP | | | | |
| REVISION NUMBER | REVISIONS | DATE | BY | |
| | | | | |



11/10/2015 11:53:18 PM OPERATOR: PJR/DJA

PUBLIC UTILITIES
PA ONE CALL SYSTEM PHONE 1-800-242-1776
DESIGN SERIAL NO. 20130460611

BUCKEYE PARTNERS, L.P.
FIVE TEK PARK
9999 HAMILTON BLVD.
BREINIGSVILLE, PA 18031
ATTN: BETH ALMAN
TEL: (610) 904-4409

AQUA PENNSYLVANIA, INC.
762 LANCASTER AVENUE
BRYN MAWR, PA 19010
ATTN: WILLIAM ZAHM
TEL: (610) 645-4203

TEXAS EASTERN PIPELINE
560 POTTSWOWN PIKE
CHESTER SPRINGS, PA 19425
ATTN: DAVE MAYER
TEL: (610) 774-6287

COLUMBIA GAS
121 CHAMPION WAY, SUITE 100
CANONSBURG, PA 15317
ATTN: ED JAMES
TEL: (888) 460-4332

SUNOCO PIPELINE, L.P.
525 FRITZTOWN RD
SINKING SPRING, PA 19608
ATTN: ONE CALL DEPT
TEL: (888) 786-3260

VERIZON PENNSYLVANIA, INC.
180 SHEREE BLVD., SUITE 2100
EXTON, PA 19341
ATTN: ERNEST PADOVANI
TEL: (610) 280-5667

COMCAST CABLE COMMUNICATIONS
110 SPRINGBROOKE BLVD.
ASHTON, PA 19014
ATTN: RICH CAIN
TEL: (610) 633-1268

PECO ENERGY COMPANY
1050 SWEDSFORD ROAD
BERWYN, PA 19312
ATTN: BILL HENSIL
TEL: (610) 725-7129

SUMMARY OF PROJECT COORDINATES
BASED ON NAD83 COORDINATE SYSTEM - US SURVEY FEET

| RTE. | STATION | POINT | COORDINATES | | BEARING |
|----------------------|-----------|-------|-------------|--------------|-------------|
| | | | NORTH | EAST | |
| SURVEY & R/W SR 0291 | 128+00.00 | POT | 206941.1800 | 2663510.1722 | N63°13'42"E |
| | 130+02.00 | PC | 207032.1678 | 2663690.5197 | |
| | 137+69.66 | PI | 207377.9463 | 2664375.8899 | |
| | 145+02.00 | PT | 207334.7142 | 2665142.3273 | S86°46'18"E |
| | 169+00.00 | POE | 207199.6659 | 2667536.5215 | |

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

| DISTRICT | COUNTY | ROUTE | SECTION | SHEET |
|------------------|-----------|-------|---------|---------|
| 6-0 | DELAWARE | 0291 | DEC R/W | 3 OF 13 |
| TINICUM TOWNSHIP | | | | |
| REVISION NUMBER | REVISIONS | DATE | BY | |
| | | | | |

GENERAL NOTES

THE LEGAL RIGHT-OF-WAY WIDTH ON SR 0291, FORMERLY ROUTE NUMBER 762, FROM STATION 144+75.00 TO STATION 149+91.00 IS VARIABLE IN WIDTH FROM 199 FEET TO 254 FEET BASED ON THE DRAWINGS FOR CONSTRUCTION AND APPROPRIATION OF RIGHT-OF-WAY PLAN FOR ROUTE 762, SECTION 2, APPROVED ON MAY 12, 1943, AND REVISED FOR CHANGES OF PROPERTY LINES BETWEEN STATION 126+41.00 AND STATION 198+11.00, ON JUNE 6, 1943.

THE LEGAL AERIAL EASEMENT ON SR 0291 FROM STATION 147+92.84 TO STATION 1561+64.61 IS BASED ON THE PENNSYLVANIA PUBLIC UTILITY COMMISSION APPLICATION DOCKET NO. A66236.

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

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

VERTICAL DATUM IS BASED ON NAVD 88.

HORIZONTAL DATUM IS BASED ON NAD83 (2011) PA STATE.

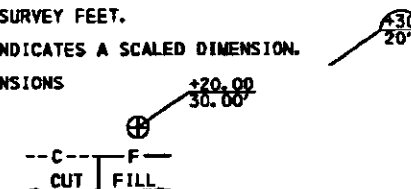
THE COMBINED FACTOR USED TO OBTAIN THE PROJECT COORDINATES IS 1.00001450 X GROUND DISTANCE.

THE PROJECT UNITS ARE US SURVEY FEET.

THE HALF CIRCLED NUMBER INDICATES A SCALED DIMENSION.

INDICATES MONUMENTED DIMENSIONS

INDICATES SLOPE LIMITS



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.

SLOPE EASEMENT. AN EASEMENT FOR THE SUPPORT AND PROTECTION OF THE HIGHWAY, INCLUDING THE RIGHT TO CONSTRUCT, INSPECT, MAINTAIN, REPAIR, RECONSTRUCT AND ALTER DRAINAGE FACILITIES, AND THE CONTOUR OF THE LAND. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO THE NECESSARY SUPPORT AND PROTECTION OF THE HIGHWAY RIGHT-OF-WAY AND THE SAFETY OF THE TRAVELING PUBLIC.

THE FILING OF THIS PLAN IS NOT A CONDEMNATION OF THE PROPERTIES DESIGNATED THEREIN AND DOES NOT IN ANY MANNER WHATSOEVER RESTRICT THE USE OR DISPOSAL THEREOF. AUTHORIZATION TO CONDEMN UNDER THIS PLAN EXTENDS FOR ONLY ONE YEAR FROM THE DATE OF THE SECRETARY'S SIGNATURE INITIALLY AUTHORIZING ACQUISITION OR SUBSEQUENTLY REVISING THE PLAN OR REAUTHORIZATION ACQUISITION THEREUNDER.

CONTROL/TRVERSE POINTS COORDINATE TABLE
BASED ON NAD83 COORDINATE SYSTEM
PA STATE PLANE SOUTH ZONE - US SURVEY FEET

| POINT NO. | COORDINATES | | ELEVATION | DESCRIPTION |
|-----------|-------------|--------------|-----------|-------------|
| | NORTH | EAST | | |
| 1 | 207333.0707 | 2664502.1359 | 5.22 | MAG NAIL |
| 2 | 207371.2108 | 2664947.6987 | 9.52 | MAG NAIL |
| 3 | 207348.6289 | 2665410.6951 | 25.13 | MAG NAIL |
| 4 | 207321.5627 | 2665903.8637 | 28.33 | MAG NAIL |
| 5 | 207313.1253 | 2666336.4333 | 13.73 | MAG NAIL |
| 6 | 207246.3439 | 2666817.5231 | 4.34 | MAG NAIL |
| 7 | 207227.9625 | 2666490.6492 | 10.03 | MAG NAIL |
| 8 | 207246.2461 | 2666156.3933 | 20.40 | MAG NAIL |
| 9 | 207265.4126 | 2665817.2440 | 29.66 | MAG NAIL |
| 11 | 207293.5752 | 2665125.3695 | 11.70 | MAG NAIL |
| 12 | 207208.0822 | 2665185.7425 | 4.41 | MAGHUB |
| 13 | 207246.0535 | 2665335.3318 | 3.39 | MAGHUB |
| 14 | 207294.5828 | 2665454.5314 | 3.17 | MAGHUB |
| 15 | 207367.3764 | 2665582.9298 | 3.10 | MAGHUB |
| 16 | 207407.6146 | 2665707.6255 | 2.96 | MAGHUB |
| 17 | 207395.2051 | 2665856.3379 | 4.62 | DRILL HOLE |
| 21 | 207373.3249 | 2665715.1238 | 2.00 | MAG NAIL |
| 22 | 207241.3893 | 2665656.4702 | 2.86 | MAGHUB |
| 23 | 207158.0627 | 2665810.2112 | 5.73 | MAGHUB |

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

TABULATION OF OVERALL AND AUTHORIZATION LENGTH

STA 144+75.00 TO STA 149+91.00 = 516.00 FT = 0.098 MILES

LIST OF SEGMENT EQUALITIES

SR 0291

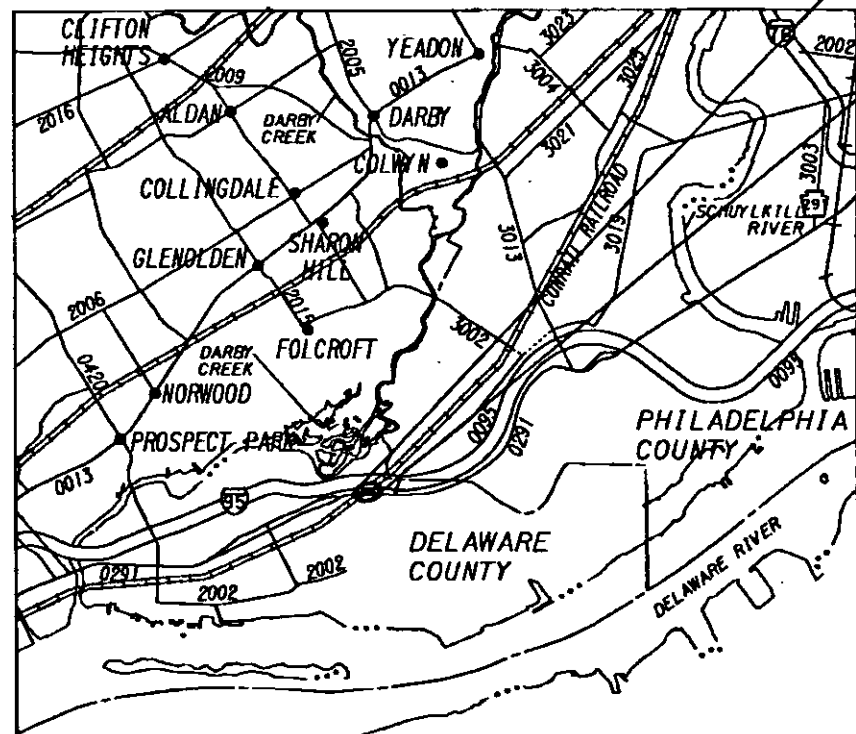
SEGMENT 0210 OFFSET 0000 / SEGMENT 0190 OFFSET 3155 = STA 147+06.25
SEGMENT 0211 OFFSET 0000 / SEGMENT 0191 OFFSET 3276 = STA 147+46.25

EQUALITIES

NONE

LIMIT OF AUTHORIZATION
STA 144+75.00
SEG 0190 OFF 2924
SEG 0191 OFF 3005
SR 0291 SEC DEC R/W
TINICUM TOWNSHIP
DELAWARE COUNTY

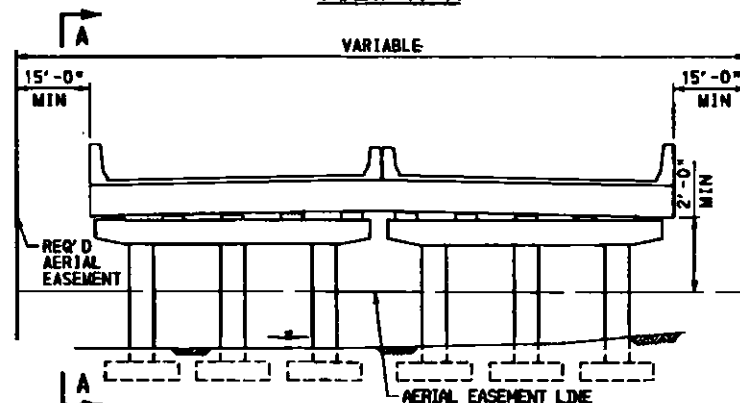
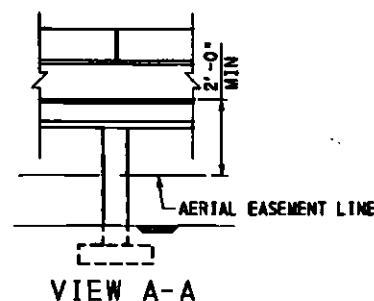
LIMIT OF AUTHORIZATION
STA 149+91.00
SEG 0210 SEC 0285
SEG 0211 OFF 0245
SR 0291 SEC DEC R/W
TINICUM TOWNSHIP
DELAWARE COUNTY



LOCATION MAP

SCALE IN MILES
0 1

- PROJECT LOCATION
- INTERSTATE HIGHWAY (MARKED)
- STATE HIGHWAY (MARKED)
- RAILROAD
- COUNTY BOUNDARY
- STREAM



AERIAL EASEMENT SKETCH

SKETCH SHOWING ESTATE TO BE ACQUIRED FOR A LIMITED AERIAL EASEMENT

SR0291 SURVEY & R/W BASELINE: STA 147+92.84 TO STA 151+64.61

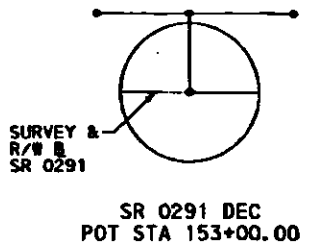
USE OF AIRSPACE BENEATH THE ESTABLISHED GRADELINE OF THE HIGHWAY SHALL PROVIDE SUFFICIENT VERTICAL AND HORIZONTAL CLEARANCES FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, VENTILATION AND SAFETY OF THE HIGHWAY FACILITY. THE ESTATE ACQUIRED ABOVE THE AERIAL EASEMENT LINE MAY BE ENTERED ON BY MOVING VEHICLES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

AERIAL EASEMENT NOTES:

1. 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.
2. NO USE SHALL BE MADE OF THE PROPERTY WHICH SHALL ENDANGER THE STRUCTURE OR THE HEALTH, SAFETY OR WELFARE OF THE TRAVELING PUBLIC.
3. NO FLAMMABLE, EXPLOSIVE, DANGEROUS OR HAZARDOUS MATERIAL SHALL BE USED, PLACED OR STORED ON THE PROPERTY.
4. 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.
5. 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. MOVEABLE ITEMS MAY HAVE TO BE REMOVED BY THE OWNER DURING SOME OR ALL OF THE ABOVE OPERATIONS.
6. 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.
7. 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.

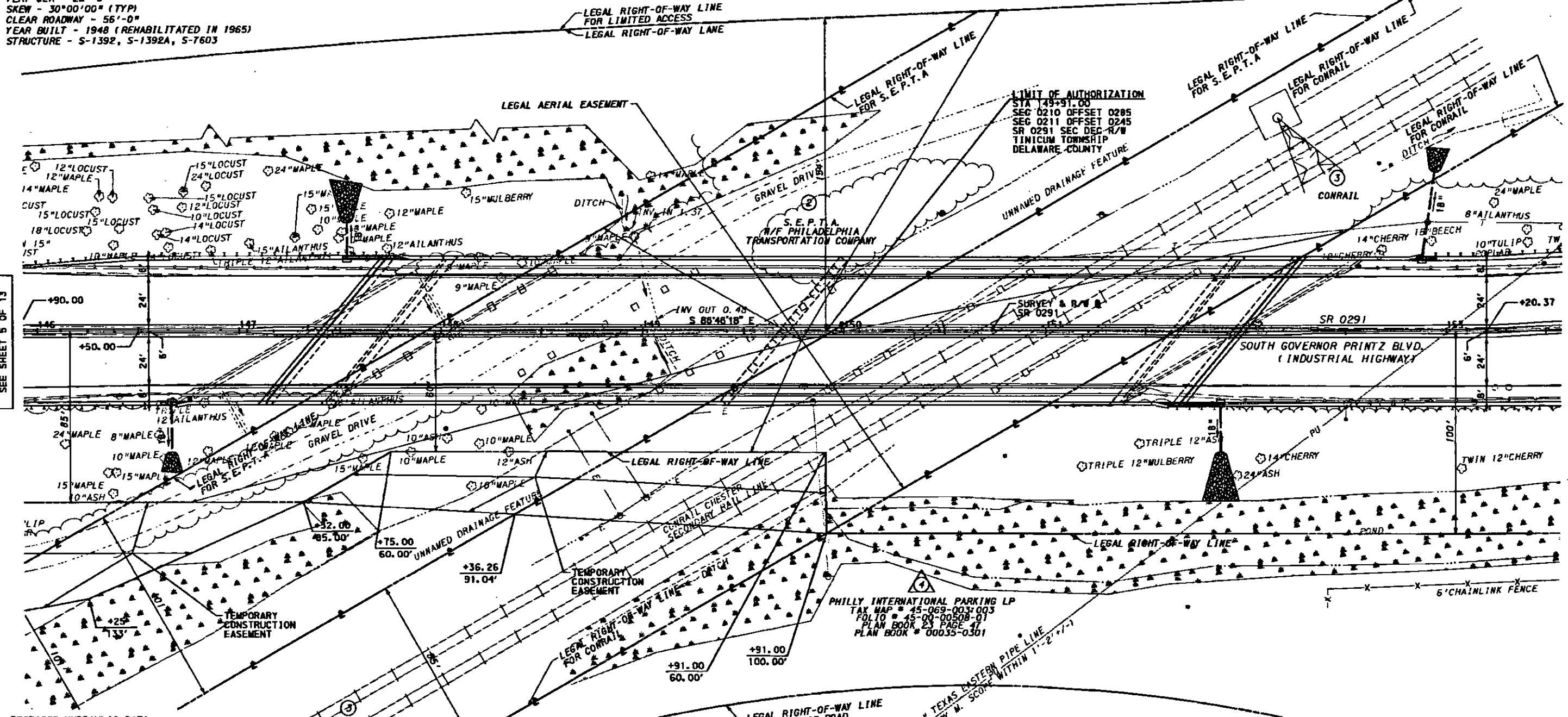
| | | | | |
|------------------|-----------|-------|---------|---------|
| DISTRICT | COUNTY | ROUTE | SECTION | SHEET |
| 6-0 | DELAWARE | 0291 | DEC R/W | 6 OF 13 |
| TINICUM TOWNSHIP | | | | |
| REVISION NUMBER | REVISIONS | DATE | BY | |
| | | | | |

PROPOSED STRUCTURE DATA
 STA - 149+70.08
 TYPE - TWO SPAN STEEL PLATE GIRDER
 SPANS - SPAN 1 (195'-0"), SPAN 2 (195'-0")
 VERT CLR - 23'-1 1/4"
 SKEW - 50°00'00" (TYP)
 CLEAR ROADWAY - 66'-6 1/2"
 STRUCTURE - S-



UNITED STATES OF AMERICA
 DEED BOOK R, VOLUME 14, PAGE 229
 TAX MAP # 45-06-001:000
 FDLID # 45-00-02151-00

EXISTING STRUCTURE DATA
 STA - 105+24.00
 TYPE - SIX SPAN ROLLED STEEL I-BEAMS
 SPANS - SPAN 8 (70'-0"), SPAN 1 (70'-0"),
 SPAN 2 (83'-4"), SPAN 3 (83'-4"),
 SPAN 4 (83'-4"), SPAN 5 (70'-0")
 VERT CLR - 22'-8"
 SKEW - 30°00'00" (TYP)
 CLEAR ROADWAY - 56'-0"
 YEAR BUILT - 1948 (REHABILITATED IN 1965)
 STRUCTURE - S-1392, S-1392A, S-7603



SEE SHEET 5 OF 13

SEE SHEET 7 OF 13

PROPOSED HYDRAULIC DATA
 DRAINAGE AREA - 589.00 SQ MI
 FLOOD OF RECORD - NONE

STORM FREQUENCY - 50 YEAR (DESIGN)
 FLOOD MAGNITUDE = 31,221 CFS
 VELOCITY = 5.96 FPS
 W.S. ELEV = 459.72

STORM FREQUENCY - 100 YEAR
 FLOOD MAGNITUDE = 35,941 CFS
 VELOCITY = 6.26 FPS
 W.S. ELEV = 460.88

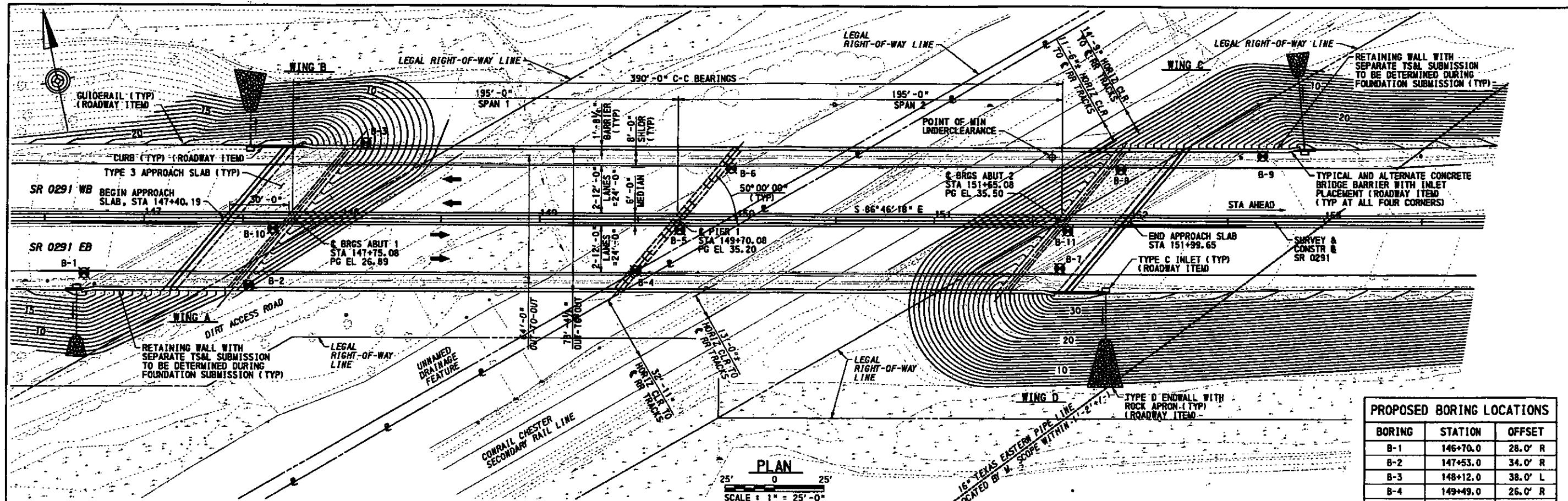
CONRAIL N/F READING COMPANY
 CONVEYANCE DOCUMENT RDG-CRC-PP-7
 RDG ATLAS #5, SECTION 11.1P

PHILLY INTERNATIONAL PARKING LP
 TAX MAP # 45-069-003:003
 FDLID # 45-00-00508-01
 PLAN BOOK # 00035-0301

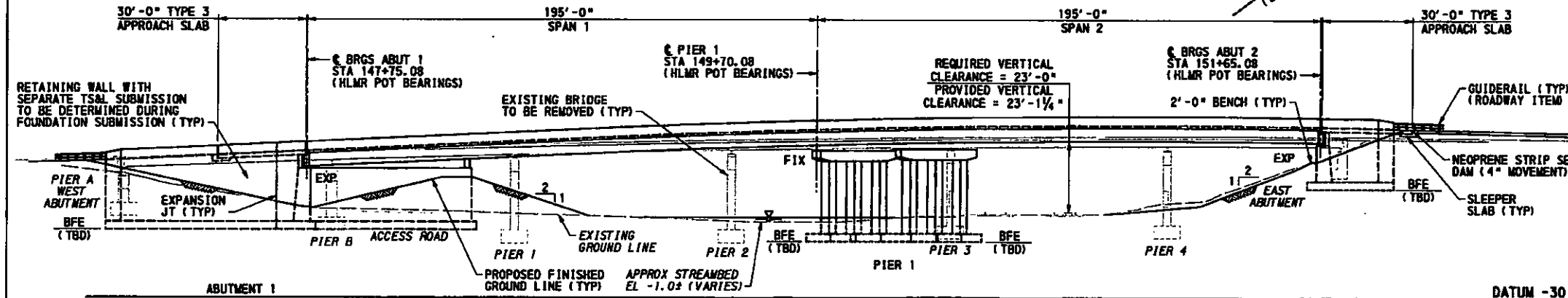
| PARCEL NO. | PLOT PLAN SHEET NO. |
|------------|---------------------|
| 1 | 11 |
| 2 | 12 |
| 3 | 13 |



SURVEY BOOK #10,459
 FOR SR 0291 PROFILE, SEE SHEET 9 OF 13



| PROPOSED BORING LOCATIONS | | |
|---------------------------|----------|---------|
| BORING | STATION | OFFSET |
| B-1 | 146+70.0 | 28.0' R |
| B-2 | 147+53.0 | 34.0' R |
| B-3 | 148+12.0 | 38.0' L |
| B-4 | 149+49.0 | 26.0' R |
| B-5 | 149+71.0 | 5.0' R |
| B-6 | 149+97.0 | 26.0' L |
| B-7 | 151+64.0 | 24.0' R |
| B-8 | 151+95.0 | 26.0' L |
| B-9 | 152+69.0 | 33.0' L |
| B-10 | 147+65.0 | 5.0' R |
| B-11 | 151+68.0 | 5.0' R |



- NOTES**
- FOR GENERAL NOTES, SEE SHEET 2.
 - FOR STAGE CONSTRUCTION SEQUENCE, SEE SHEET 2.
 - FOR RATINGS SUMMARY, SEE SHEET 3.
 - RETAINING WALLS WITH SEPARATE T&M SUBMISSION TO BE DETERMINED DURING FOUNDATION SUBMISSION.

HORIZONTAL CURVE DATA - SR 0291
TANGENT S 86°46'18" E

VERTICAL CURVE DATA - SR 0291
PVI STA 150+60.00
EL = 41.60
VC = 430.00'
5.16% -4.51%

EXISTING STRUCTURE DATA
STA - 105+24
YEAR BUILT - 1948 (REHABILITATED IN 1965)
TYPE - ROLLED STEEL I-BEAMS
SPANS - SPAN 8 (70'-0"), SPAN 1 (70'-0"),
SPAN 2 (83'-4"), SPAN 3 (83'-4"),
SPAN 4 (83'-4"), SPAN 5 (70'-0")
VERT CLR - 22'-8"
SKEW - 30°00'00" (TYP)
CLEAR ROADWAY - 56'-0"
STRUCTURE - S-1392, S-1392A, S-7603

- LEGEND**
- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
 - PROPOSED BORING LOCATION
 - PROPOSED DRAIN PIPE
 - PROPOSED CONTOURS
 - EXISTING CONTOURS
 - WETLANDS
 - UTILITY POLE
 - ELECTRIC LINE
 - EXISTING EDGE OF WATER
 - DENOTES DIRECTION OF TRAFFIC

PREPARED BY:
CDM Smith
3605 VARTAN WAY,
SUITE 202
HARRISBURG, PA 17110
TEL: (717) 541-4001

PROFESSIONAL ENGINEER DATE

| DESCRIPTION | DWG NO. | APP'D DATE |
|---|---------|------------|
| TEMPORARY CONCRETE BARRIER, STRUCTURE MOUNTED | BC-719M | 10-26-10 |
| PERMANENT METAL DECK FORMS | BC-732M | 10-26-10 |
| ANCHOR SYSTEMS | BC-734M | 10-26-10 |
| WALL CONSTR & EXP JOINT DETAILS | BC-735M | 10-26-10 |
| REINFORCEMENT BAR FABRICATION DETAILS | BC-736M | 05-18-12 |
| BRIDGE BARRIER TO GUIDE RAIL TRANSITION | BC-739M | 05-18-12 |
| BRIDGE DRAINAGE | BC-751M | 05-18-12 |
| CONCRETE DECK SLAB DETAILS | BC-752M | 05-18-12 |
| STEEL GIRDER DETAILS | BC-753M | 05-18-12 |
| STEEL DIAPHRAGMS FOR STEEL BEAM/GIRDER STRUCTURES (STRAIGHT GIRDERS ONLY) | BC-754M | 10-26-10 |
| BEARINGS | BC-755M | 05-18-12 |
| STEEL PILE TIP REINFORCEMENTS AND SPLICES | BC-757M | 10-26-10 |
| PREFORMED NEOPRENE COMPRESSION SEAL JOINT FOR APPROACH SLABS | BC-766M | 10-26-10 |
| NEOPRENE STRIP SEAL DAM FOR PRESTRESSED CONCRETE & STEEL I-BEAM BRIDGES | BC-767M | 05-18-12 |
| TYPICAL WATERPROOFING AND EXPANSION DETAILS | BC-788M | 05-18-12 |
| CLASSIFICATION OF EARTHWORK FOR STRUCTURES | RC-11M | 06-01-10 |
| BACKFILL AT STRUCTURES | RC-12M | 06-01-10 |

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

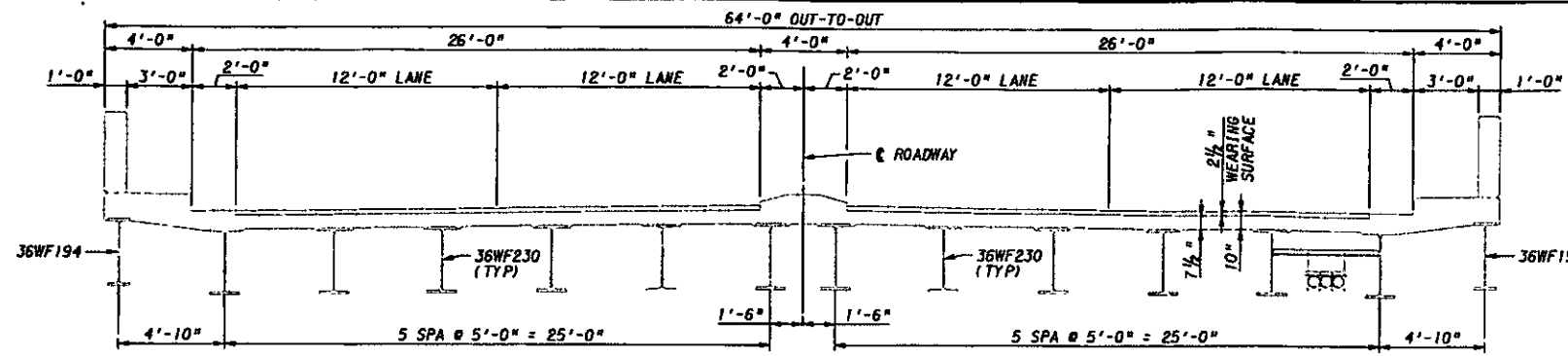
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
SR 0291 SECTION DEC
SEGMENT 0210 OFFSET 0299 - EB
SEGMENT 0211 OFFSET 0193 - WB
SR 0291 STA 149+70.08 OVER
CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
TYPE, SIZE & LOCATION - 1

RECOMMENDED _____
DISTRICT BRIDGE ENGINEER

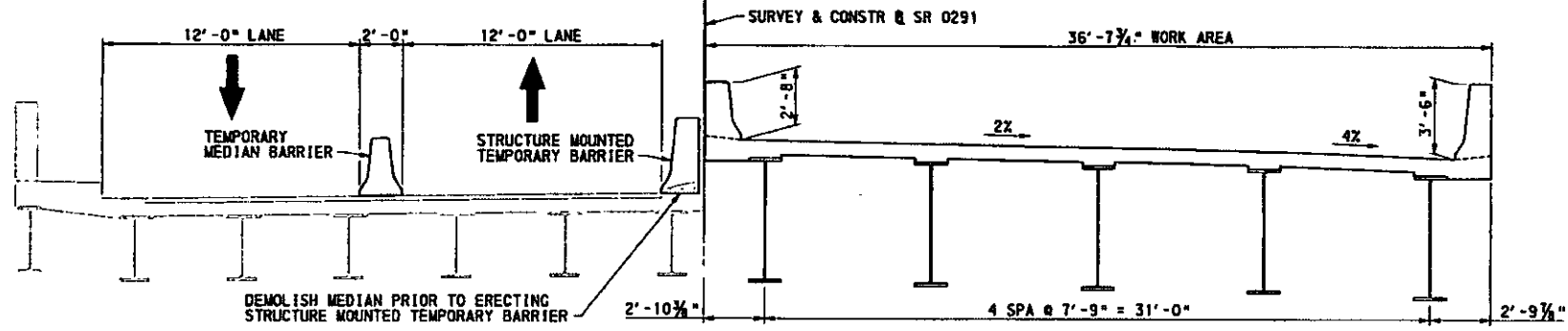
SHEET 1 OF 3
S-34549

12/18/2014
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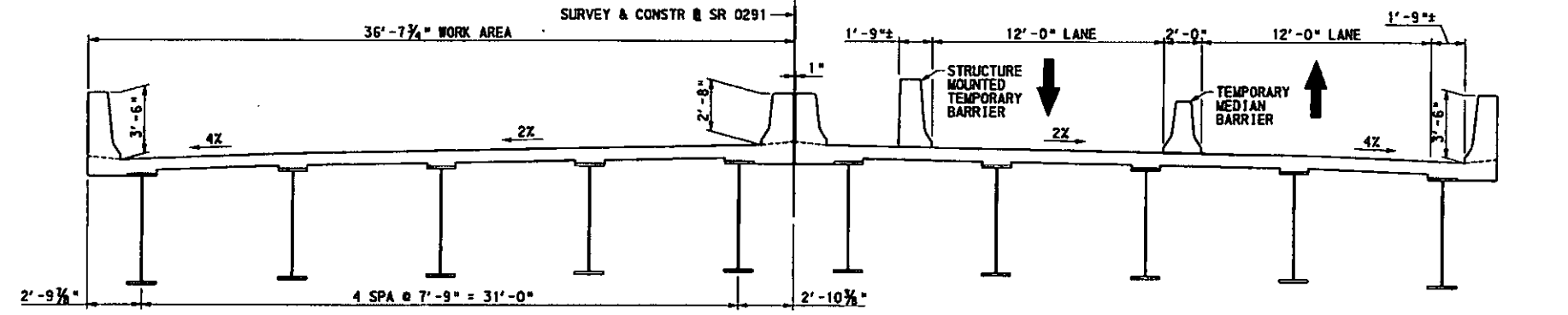
EXISTING TYPICAL SECTION

SCALE 1/4" = 1'-0"



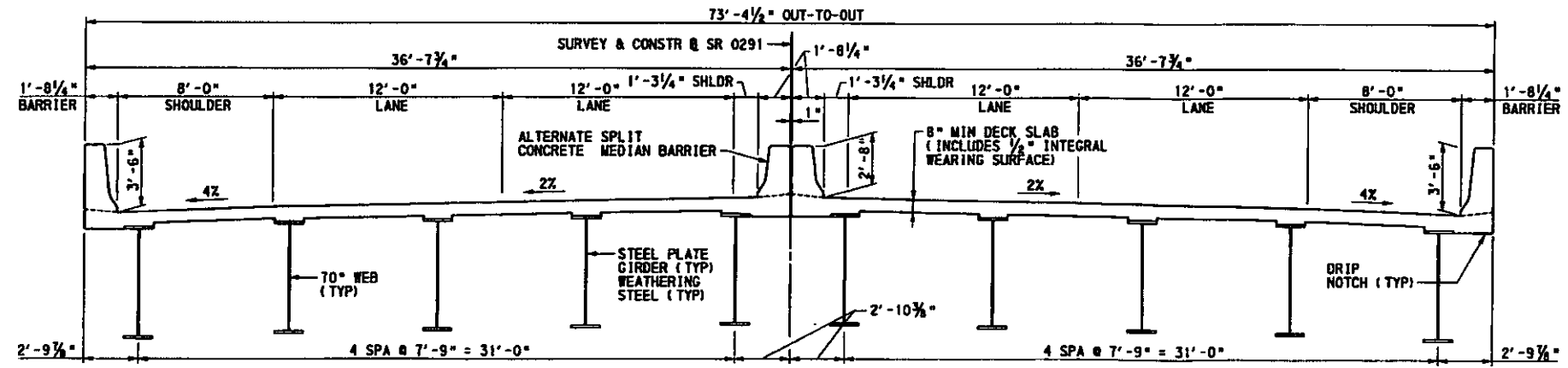
CONSTRUCTION STAGE 1

SCALE 1/4" = 1'-0"



CONSTRUCTION STAGE 2

SCALE 1/4" = 1'-0"



PROPOSED TYPICAL SECTION

SCALE 1/4" = 1'-0"

GENERAL NOTES

DESIGN SPECIFICATIONS

1. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 5TH EDITION, 2010, AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4 (INCLUDING MAY 2012 REVISIONS).
2. LIVE LOAD DISTRIBUTION TO GIRDERS IS BASED UPON DM-4 DISTRIBUTION FACTORS.
3. DESIGN IS IN ACCORDANCE WITH THE LRFD METHOD.
4. USE UNPAINTED WEATHERING STEEL, ASTM A709, GRADE 50W, AS PER DM-4 3.4.4 PP.

DESIGN LIVE LOADS

1. PHL-93 OR P-82 (204 KIP PERMIT LOAD).
2. FATIGUE DESIGN IS BASED ON THE FOLLOWING: ADTT 439 (ONE DIRECTIONAL)

DEAD LOADS

1. INCLUDES SURFACE AREA DENSITY OF 0.03 KSF FOR FUTURE WEARING SURFACE ON THE DECK SLAB.
2. INCLUDES A SURFACE AREA DENSITY OF 0.015 KSF FOR PERMANENT METAL DECK FORMS WHICH TAKES INTO ACCOUNT THE WEIGHT OF THE FORM, PLUS THE WEIGHT OF THE CONCRETE IN THE VALLEYS OF THE FORMS.

NOTES

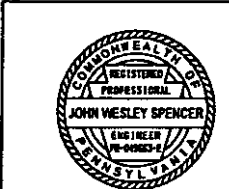
1. APPROACH SLAB CONSTRUCTION SEQUENCE AND BARRIER PLACEMENT SIMILAR TO DECK SLAB SHOWN.
2. FOR STRUCTURE MOUNTED TEMPORARY BARRIER DETAILS, SEE BC-719M.

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

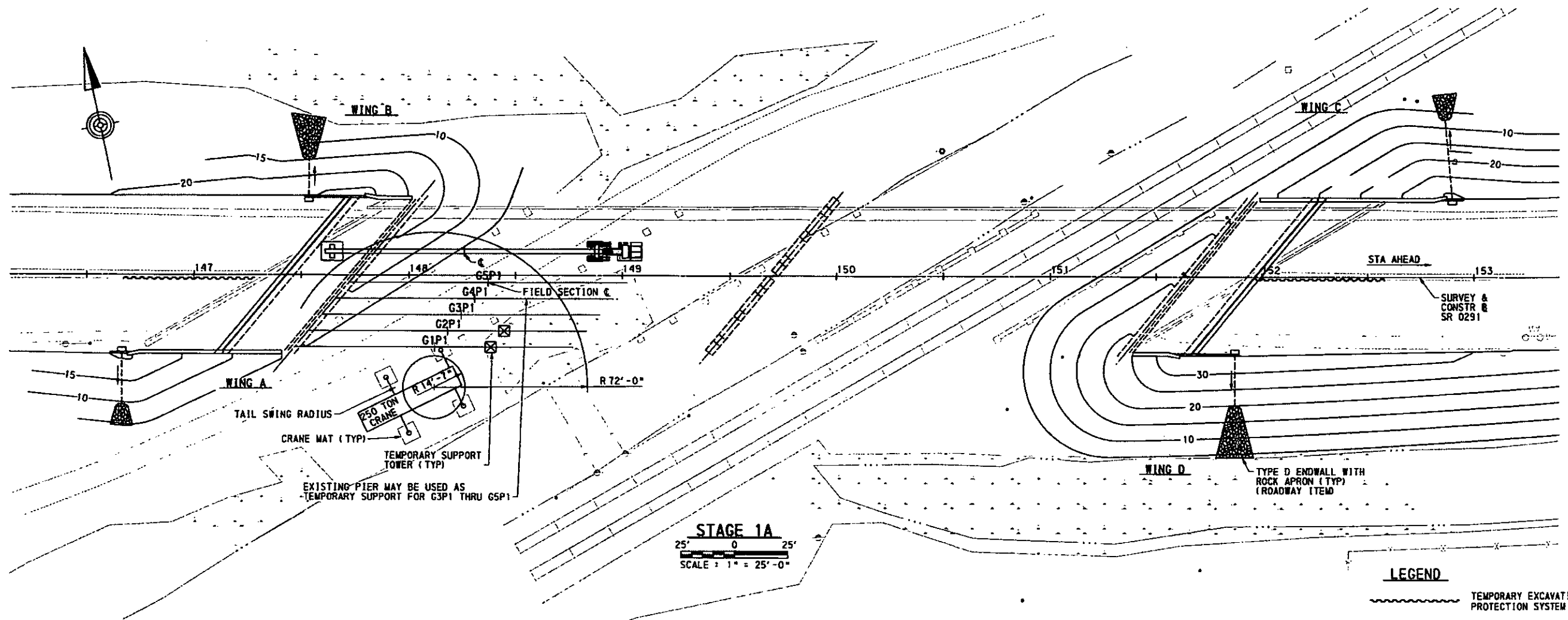
**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

DELAWARE COUNTY
 SR 0291 SECTION DEC
 SEGMENT 0210 OFFSET 0299 - EB
 SEGMENT 0211 OFFSET 0193 - WB
 SR 0291 STA 149+70.08 OVER
 CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
TYPE, SIZE & LOCATION - 2



PREPARED BY
CDM SMITH
HARRISBURG, PA

12/15/2014 M:\SR 0291\Structure\TSL\291-TSL.dgn



CRANE NOTES

1. 250 TON ALL TERRAIN CRANE SHOWN.
2. FOR 72'-FT RADIUS MAX. CAPACITY = 43,900 LBS WITH 138.1' BOOM EXTENSION.
3. SINGLE PICK SHOWN FOR PIECES G1P1 THRU G5P1.

NOTES

1. MAX PICK WEIGHT FOR PIECES G1P1 THRU G5P1 = 42,700 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- EXISTING EDGE OF WATER

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
SR 0291 SECTION DEC
SEGMENT 0210 OFFSET 0299 - EB
SEGMENT 0211 OFFSET 0193 - WB
SR 0291 STA 149+70.08 OVER
CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
CONCEPTUAL ERECTION PLAN

RECOMMENDED _____

SHEET 1 OF 6

S-34549

Preliminary
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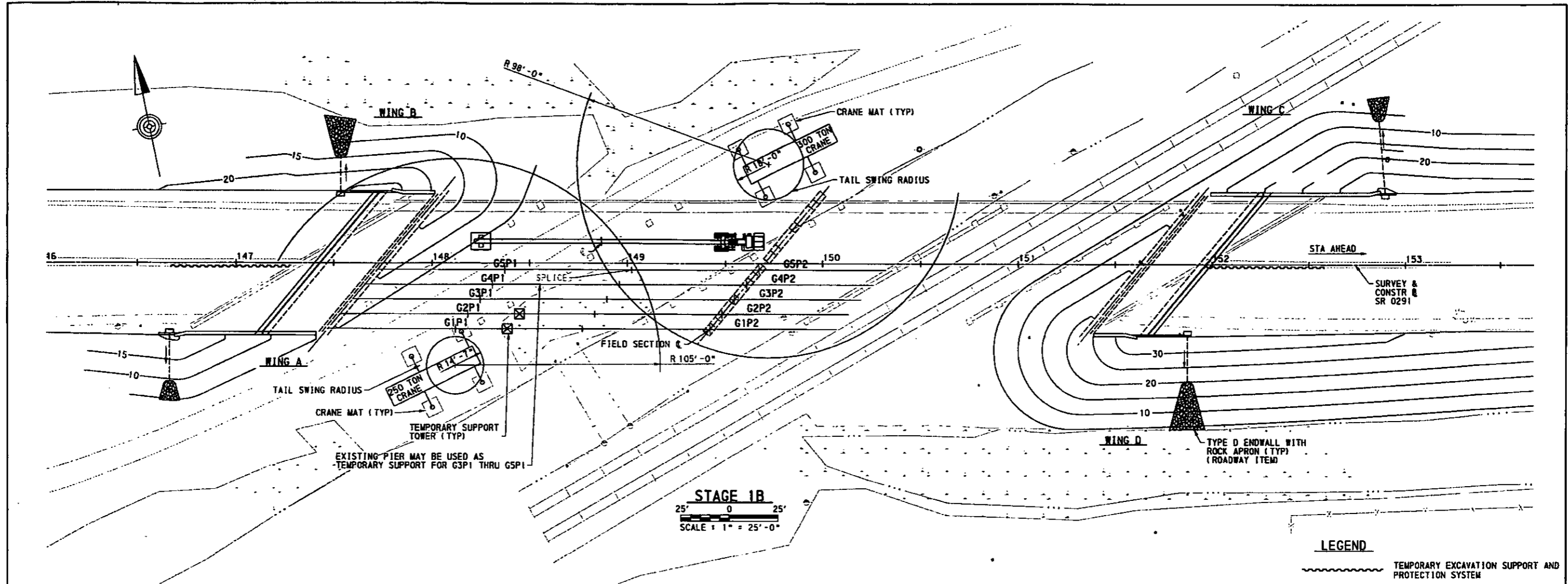
**CDM
Smith**

2805 Old Post Road, Suite 300
Harrisburg, PA 17110
Tel: (717) 541-4001

PROFESSIONAL ENGINEER DATE

8/29/2014
 M:\SR 0291\Structure\TBL\Constructability\SR1-Constructability.dgn

DES: TBK DWG: TBK CKD: JWS



CRANE NOTES

1. 300 TON AND 250 TON ALL TERRAIN CRANES SHOWN.
2. 250 TON CRANE AT 105 FT RADIUS MAX. CAPACITY = 32,800 LBS WITH 138.1 FT BOOM EXTENSION.
3. 300 TON CRANE AT 98 FT RADIUS MAX. CAPACITY = 32,600 LBS WITH 173.6 FT BOOM EXTENSION.
4. TANDEM PICK SHOWN FOR PIECES G1P2 THRU G5P2.

NOTES

1. MAX PICK WEIGHT FOR PIECES G1P2 THRU G5P2 = 62,430 LBS. FOR TANDEM PICK, WEIGHT = 31,215 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- EXISTING EDGE OF WATER

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

Preliminary
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
SR 0291 SECTION DEC
SEGMENT 0210 OFFSET 0299 - EB
SEGMENT 0211 OFFSET 0193 - WB
SR 0291 STA 149+70.08 OVER
CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
CONCEPTUAL ERECTION PLAN

RECOMMENDED _____

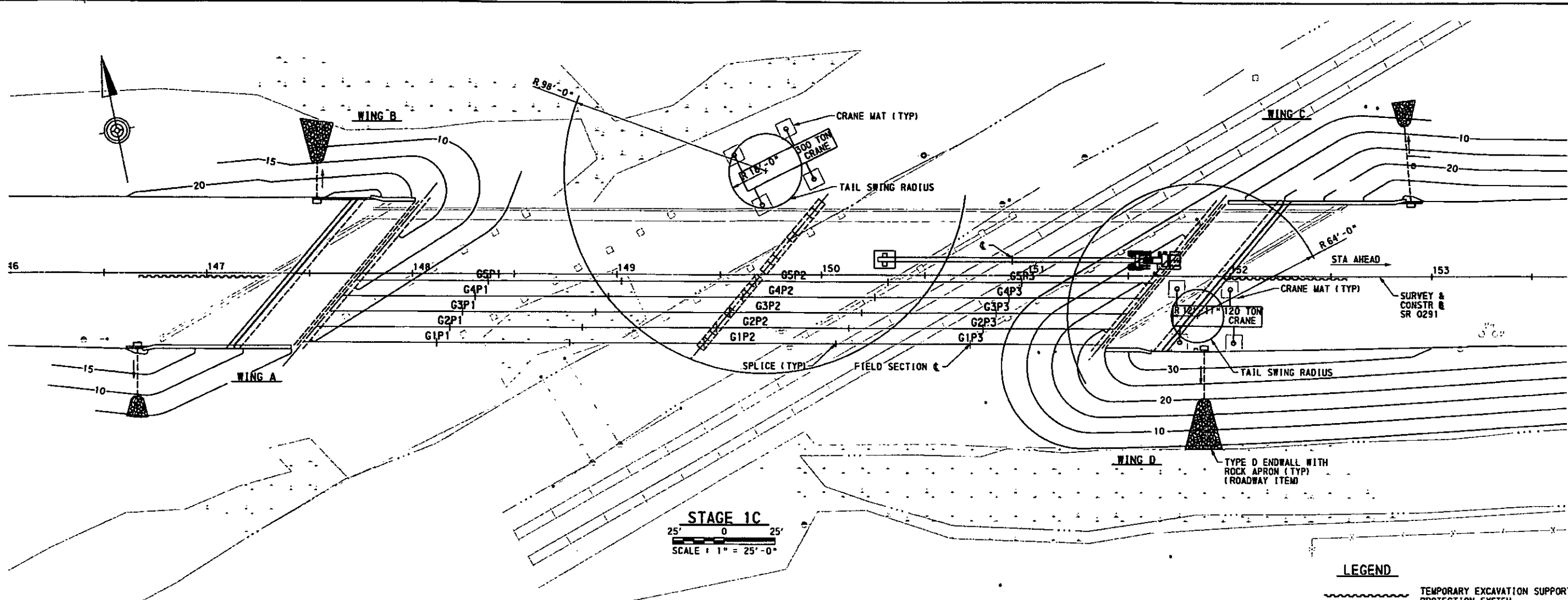
SHEET 2 OF 6
S-34549

CDM Smith

2805 Old Post Road, Suite 300
Harrisburg, PA 17110
Tel: (717) 541-4001

PROFESSIONAL ENGINEER _____ DATE _____

#02/2014 M:\SR 0291\Station\TSL\Constructability\01-Constructability.dwg



CRANE NOTES

1. 300 TON AND 120 TON ALL TERRAIN CRANES SHOWN.
2. 120 TON CRANE AT 64 FT RADIUS MAX. CAPACITY = 27,800 LBS WITH 81.4 FT BOOM EXTENSION.
3. 300 TON CRANE AT 98 FT RADIUS MAX. CAPACITY = 32,600 LBS WITH 173.6 FT BOOM EXTENSION.
4. TANDEM PICK SHOWN FOR PIECES G1P3 THRU G5P3.

NOTES

1. MAX PICK WEIGHT FOR PIECES G1P3 THRU G5P3 = 42,700 LBS. FOR TANDEM PICK, WEIGHT = 21,350 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- EXISTING EDGE OF WATER

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
SR 0291 SECTION DEC
SEGMENT 0210 OFFSET 0299 - EB
SEGMENT 0211 OFFSET 0193 - WB
SR 0291 STA 149+70.08 OVER
CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
CONCEPTUAL ERECTION PLAN

RECOMMENDED _____

SHEET 3 OF 6

S-34549

Preliminary
09/03/2014 3:18:10 PM

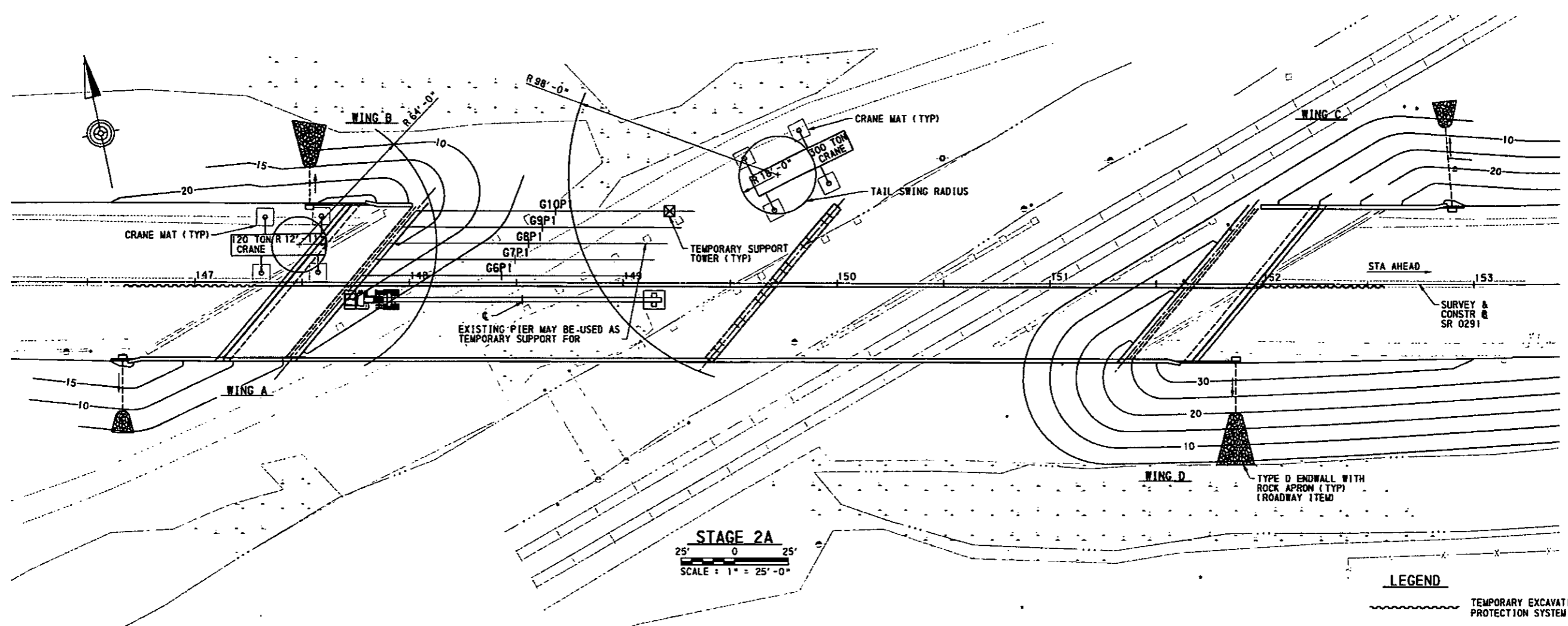
**CDM
Smith**

2805 Old Post Road, Suite 300
Harrisburg, PA 17110
Tel: (717) 541-4001

PROFESSIONAL ENGINEER DATE

#09/2014
 M.A.S.R. 0076 Structure (TSL) - Connectivity 1291 - Connectivity.dgn

DES: TBK DWG: TBK CKD: JWS



STAGE 2A
 25' 0 25'
 SCALE: 1" = 25'-0"

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- EXISTING EDGE OF WATER

CRANE NOTES

1. 300 TON AND 120 TON ALL TERRAIN CRANES SHOWN.
2. 120 TON CRANE AT 64 FT RADIUS MAX. CAPACITY = 27,800 LBS WITH 81.4 FT BOOM EXTENSION.
3. 300 TON CRANE AT 98 FT RADIUS MAX. CAPACITY = 32,600 LBS WITH 173.6 FT BOOM EXTENSION.
4. TANDEM PICK SHOWN FOR PIECES G6P1 THRU G10P1.

NOTES

1. MAX PICK WEIGHT FOR PIECES G6P1 THRU G10P1 = 42,700 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
 SR 0291 SECTION DEC
 SEGMENT 0210 OFFSET 0299 - EB
 SEGMENT 0211 OFFSET 0193 - WB
 SR 0291 STA 149+70.08 OVER
 CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
CONCEPTUAL ERECTION PLAN

RECOMMENDED _____

SHEET 4 OF 6

S-34549

Preliminary
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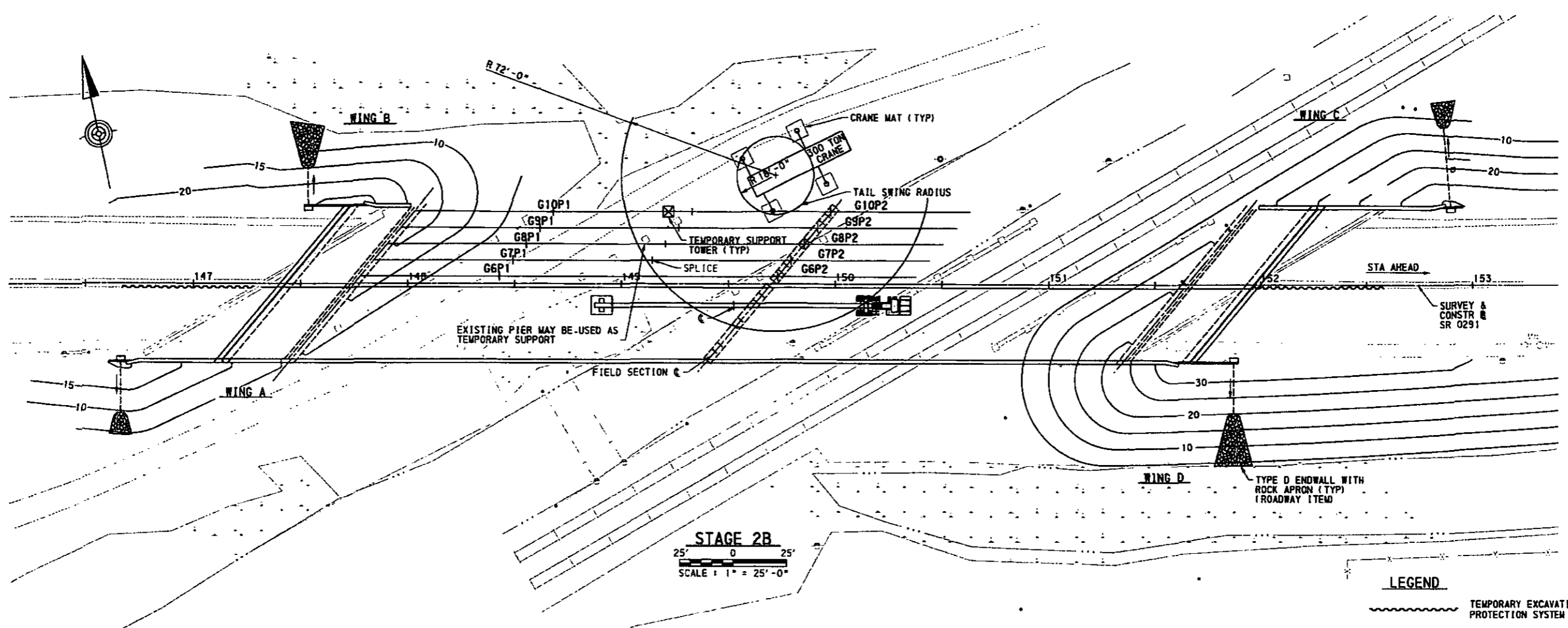
**CDM
 Smith**

2805 Old Post Road, Suite 300
 Harrisburg, PA 17110
 Tel: (717) 541-4001

PROFESSIONAL ENGINEER DATE

4/29/2014
 M:\SR 0291\Structure\TSL\Construction\SR0291-Construction\A.dwg

DES: TBK DWG: TBK CKD: JWS



CRANE NOTES

1. 300 TON ALL TERRAIN CRANE SHOWN.
2. FOR 72'-FT RADIUS MAX. CAPACITY = 80,200 LBS WITH 142.1 FT BOOM EXTENSION.
3. SINGLE PICK SHOWN FOR PIECES G6P2 THRU G10P2.

NOTES

1. MAX PICK WEIGHT FOR PIECES G6P2 THRU G10P2 = 65,430 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- 10--- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- ...--- EXISTING EDGE OF WATER

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

DELAWARE COUNTY
SR 0291 SECTION DEC
 SEGMENT 0210 OFFSET 0299 - EB
 SEGMENT 0211 OFFSET 0193 - WB
 SR 0291 STA 149+70.08 OVER
 CONRAIL CHESTER SECONDARY RAIL LINE
**2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
 CONCEPTUAL ERECTION PLAN**

RECOMMENDED _____

SHEET 5 OF 6

S-34549

Preliminary
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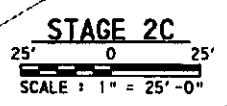
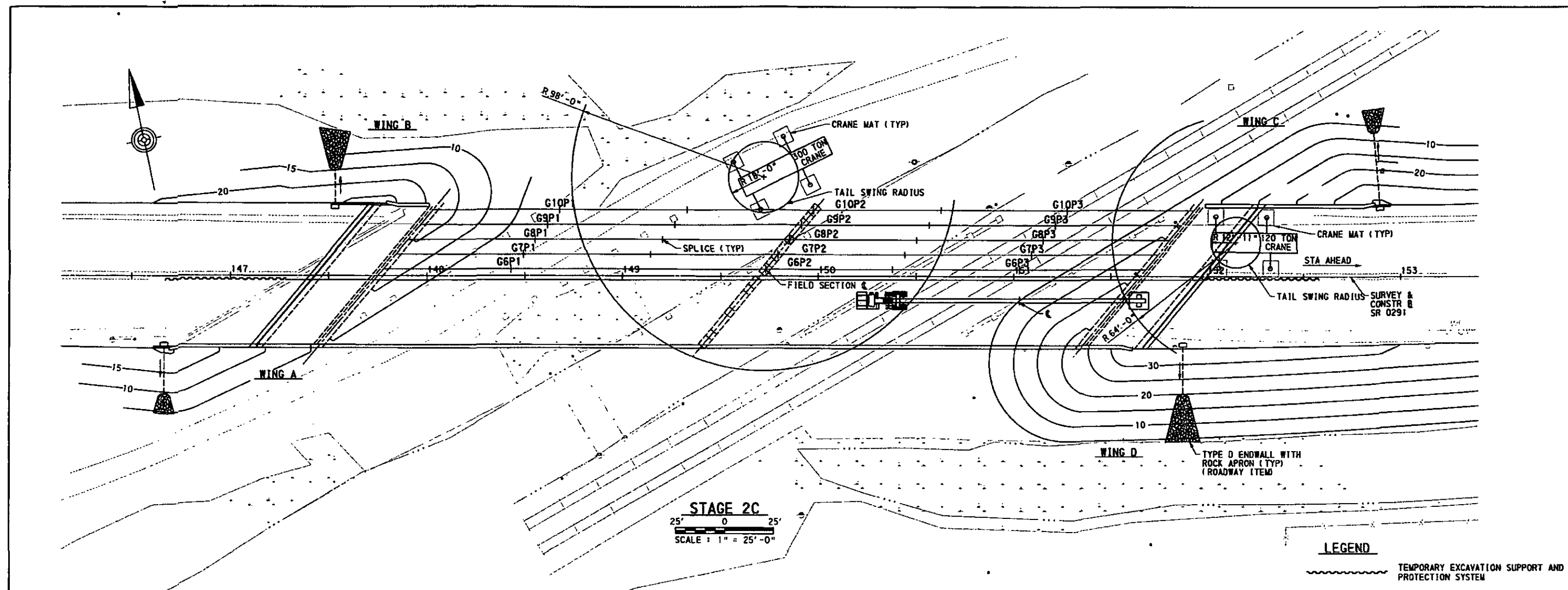
**CDM
Smith**

2805 Old Post Road, Suite 300
Harrisburg, PA 17110
Tel: (717) 541-4001

PROFESSIONAL ENGINEER DATE

09/03/2014
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DES: TBK DWG: TBK CKD: JWS



CRANE NOTES

1. 300 TON AND 120 TON ALL TERRAIN CRANES SHOWN.
2. 120 TON CRANE AT 64 FT RADIUS MAX. CAPACITY = 27,800 LBS WITH 81.4 FT BOOM EXTENSION.
3. 300 TON CRANE AT 98 FT RADIUS MAX. CAPACITY = 32,600 LBS WITH 173.6 FT BOOM EXTENSION.
4. TANDEM PICK SHOWN FOR PIECES G6P3 THRU G10P3.

NOTES

1. MAX PICK WEIGHT FOR PIECES G6P1 THRU G10P1 = 42,700 LBS.
2. ENSURE PROPER CLEARANCES FROM UTILITIES AS DESIGNATED BY OSHA.
3. SUBMIT WORKING DRAWINGS IN ACCORDANCE WITH SECTION 105.02 FOR APPROVAL.
4. COORDINATE TEMPORARY NIGHTTIME CLOSURE OF SR 291 FOR BEAM DELIVERY AND ERECTION.

LEGEND

- TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM
- PROPOSED CONTOURS
- WETLANDS
- UTILITY POLE
- ELECTRIC LINE
- EXISTING EDGE OF WATER

| Mark | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS | | | | | |

SR 0291 PREVIOUSLY KNOWN AS LR 762

Preliminary
09/03/2014 3:16:24 PM



2805 Old Post Road, Suite 300
Harrisburg, PA 17110
Tel: (717) 541-4001

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

DELAWARE COUNTY
SR 0291 SECTION DEC
SEGMENT 0210 OFFSET 0299 - EB
SEGMENT 0211 OFFSET 0193 - WB
SR 0291 STA 149+70.08 OVER
CONRAIL CHESTER SECONDARY RAIL LINE
2-SPAN CONTINUOUS STEEL MULTI-GIRDER BRIDGE
CONCEPTUAL ERECTION PLAN

RECOMMENDED _____

SHEET 6 OF 6

S-34549

PROFESSIONAL ENGINEER DATE

4/19/2014
 M:\SR_0291\Stream\TSL\Construction\SR-Connectivity.dwg

DES: TBK DWG: TBK CKD: JWS

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the superstructure of the existing bridge where State Route 0291 (Gov. Printz Blvd.) crosses above the tracks of Consolidated Railway Corporation (Conrail), DOT No. 589 291 W in Tinicum Township, Delaware County and the allocation of costs incident thereto.

Application
Docket No. _____

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participants listed below, in accordance with the requirements of 52 Pa. Code § 1.54, by first class mail, postage prepaid:

Mr. Ryan M. Hill, Design & Construction Director
Consolidated Rail Corporation
1000 Howard Blvd. – 4th Floor
Mount Laurel, NJ 08054

Mr. Robert Lund, Jr
Southeastern Pennsylvania Transportation Authority
1234 Market Street – 12th floor
Philadelphia, PA 19107-3780

Ms. Brittany Clark
Corporate Counsel
Southeastern Pennsylvania Transportation Authority
1234 Market Street, 5th Floor
Philadelphia, Pennsylvania 19107-3780

Mr. David D. Schreiber, Manager
Tinicum Township
629 N Governor Printz Blvd
Essington, PA 19029

Mr. William Zahn
Aqua Pennsylvania, Inc
762 W Lancaster Ave
Bryn Mawr, PA 19010

Mr. John Dohalick
Comcast Cable Communications
2320 Trenton Road
Levittown, PA 19056

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PA PUC
SECRETARY'S BUREAU

Mr. David Jones, Right-of-Way Specialist
Laurel Pipe Line Co., LP
Attn: Buckeye Partners, LP
9999 Hamilton Blvd
5 Tek Park
Breinigsville, PA 18031

Mr. Bill Hensil, Program Manager
PECO Energy Company
1050 West Swedesford Road
Berwyn, PA 19312

Mr. William Savage
Spectra Energy
Attn: Texas Eastern Transmission, LP
560 Pottstown Pike
Chester Springs, PA 19425

Ms. Tracy L. Hoffman
Sunoco Pipeline LP
One Call Department
525 Fritztown Road
Sinking Spring, PA 19608

Ms. Laura M. Lippincott, Section Manager
Verizon Pennsylvania, Inc.
1050 Virginia Drive - Floor 4
Fort Washington, PA 19034

Dated this 16th day of November 2017



Tom French
District 6-0 Grade Crossing Administrator