



May 20, 2019

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 perform zone painting, structural steel repairs, expansion dam replacement, fence replacement, concrete substructure and bearing repairs on the existing bridge where SR 1038 crosses above the tracks of Norfolk Southern Railway Company, DOT Number 510 878 N in East Deer Township, Allegheny County and the allocation of costs incident thereto.

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregory J. Vaughn", is written over a faint, larger version of the same signature.

Gregory J. Vaughn
Grade Crossing Engineer
Right-of-Way and Utilities Section
Department of Transportation

Attachments

cc: Parties of Record
Michele Adolini, P.E., Acting Chief, Right-of-Way and Utilities Section, 7th Floor, CKB
Gina M. D'Alfonso, Office of Chief Counsel, 9th Floor, CKB
Ron Hull, P.E., Supervisor, Rail Safety Engineering Section PUC, 3rd Floor, CKB

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to perform zone painting, structural steel repairs, expansion dam replacement, fence replacement, concrete substructure and bearing repairs on the existing bridge where State Route 1038 crosses above the track of Norfolk Southern Railway Company, DOT Number 510 878 N in East Deer Township, Allegheny County and the allocation of costs incident thereto.

Application
Docket No. _____

Electronically Filed

To the Pennsylvania Public Utility Commission:

1. The name and address of Applicant are Commonwealth of Pennsylvania, Department of Transportation, Michelle Adolini, P.E., Acting Chief, Utilities and Right-of-Way Section, PO Box 3362, Harrisburg, PA 17105-3362.
2. The name and address of attorney for the Applicant are Jason D. Sharp, Chief Counsel, Commonwealth of Pennsylvania, Department of Transportation, Office of Chief Counsel, PO Box 8212, Harrisburg, PA 17105-8212.
3. The Applicant is an agency of 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:

Michele Adolini, P.E., Acting Chief
Utilities and Right of Way Section
Pennsylvania Department of Transportation
P.O. Box 3362
Harrisburg, PA 17105-3362

Gina D'Alfonso, Senior Counsel in Charge
Office of Chief Counsel
Pennsylvania Department of Transportation
P.O. Box 8212
Harrisburg, PA 17105-8212

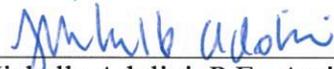
5. It is desirable to perform zone painting, structural steel repairs, expansion dam replacement, fence replacement, concrete substructure and bearing repairs on the existing bridge carrying State Route 1038, Segment 0010, Offset 0000, over the track of Norfolk Southern Railway Company. A Location Map is attached hereto and marked as Exhibit "A". 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 1038 is 15,851 vehicles with 7% trucks.

7. The estimated total cost for the construction is \$15,363,000. The funding for the project will be 80% federal funds and 20% state funds.
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:



Michelle Adolini, P.E., Acting Chief
Utilities and Right-of-Way Section
Department of Transportation
PO Box 3362
Harrisburg, PA 17105-3362
madolini@pa.gov
Phone (717) 783-6199
Fax (717) 705-2380

Dated: 5/20/19

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to perform zone painting, structural steel repairs, expansion dam replacement, fence replacement, concrete substructure and bearing repairs on the existing bridge where State Route 1038 crosses above the track of Norfolk Southern Railway Company, DOT Number 510 878 N in East Deer Township, Allegheny County and the allocation of costs incident thereto.

Application
Docket No. _____

Electronically Filed

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. D. Shawn Starling, P.E.
Norfolk Southern Railway Company
1200 Peachtree Street NE
Atlanta, GA 30309

Mr. Dennis F Scarpiniti
City of New Kensington
301 Eleventh Street
New Kensington, PA 15068

Mr. Christopher P. Bennett, P.E.
Norfolk Southern Railway Company
1200 Peachtree Street, NE
Atlanta, GA 30309

Mr. Rick Moslen
Comcast Central Office
1530 Chartiers Avenue
Pittsburgh, PA 15204
Mr. James A. Matta

Mr. Timothy J. Bentley, Esq.
Norfolk Southern Railway Company
Three Commercial Place
Norfolk, VA 23510-9241

Municipal Authority of the City of New Kensington
P.O. Box 577
New Kensington, PA 15068

Mr. Rich Fitzgerald
Allegheny County Executive
101 County Courthouse
436 Grant Street
Pittsburgh, PA 15219

Mr. Daniel H. Rowe, Jr.
Municipal Sanitary Authority of New Kensington
120 Logans Ferry Road
New Kensington, PA 15068

Ms. Chrystal Carmen
Township of East Deer
927 Freeport Road
Creighton, PA 15030

Mr. Mike Denny
Peoples Natural Gas Company
375 North Shore Drive
Pittsburgh, PA 15212

Mr. Tim Kuhns
Upper Allegheny Joint Sanitary Authority
320 4th Street
P.O. Box 341
Tarentum, PA 15084

Mr. Daniel R. Oswald
West Penn Power Company
365 Washington Road
Washington, PA 15301

Ms. Debbie Barum
Verizon Pennsylvania LLC
Right-of-Way Department
15 East Montgomery Avenue, 2nd Floor
Pittsburgh, PA 15212

Mr. Larry Goglin
Windstream
98 Industrial Park
Brookville, PA 15825

Dated this 20 Day of May 2019


Name

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to perform zone painting, structural steel repairs, expansion dam replacement, fence replacement, concrete substructure and bearing repairs on the existing bridge where State Route 1038 crosses above the track of Norfolk Southern Railway Company, DOT Number 510 878 N in East Deer Township, Allegheny County and the allocation of costs incident thereto.

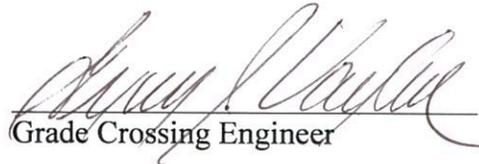
Application
Docket No. _____

Electronically Filed

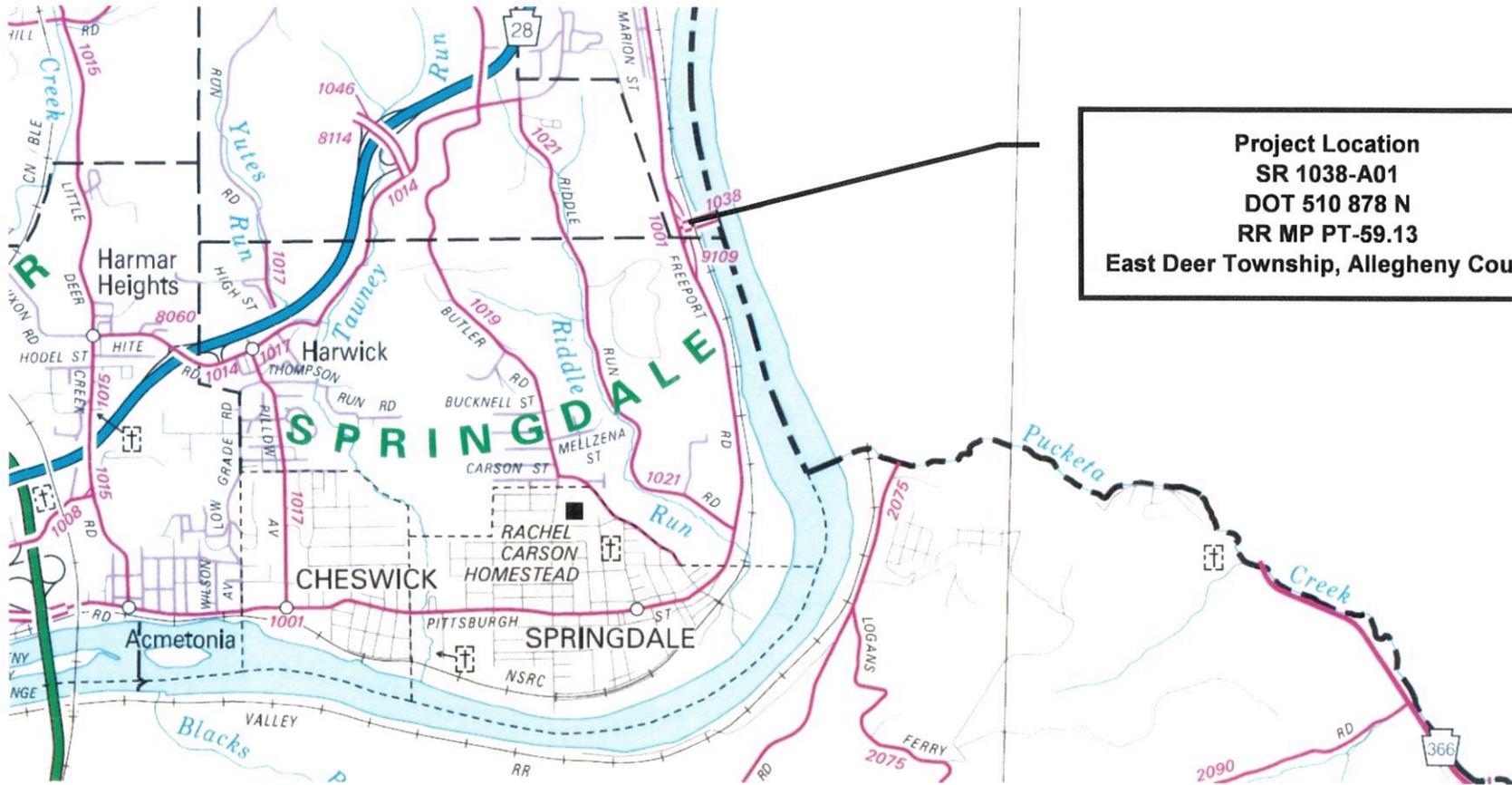
VERIFICATION

I, Gregory J. Vaughn, 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: 5/20/2019

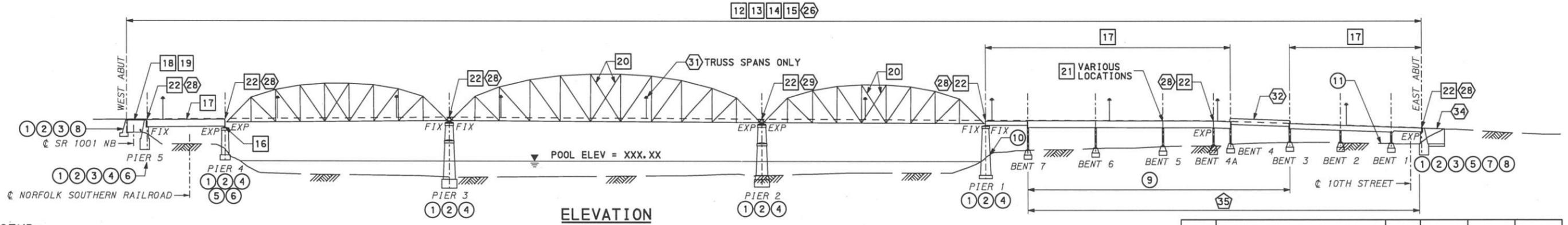
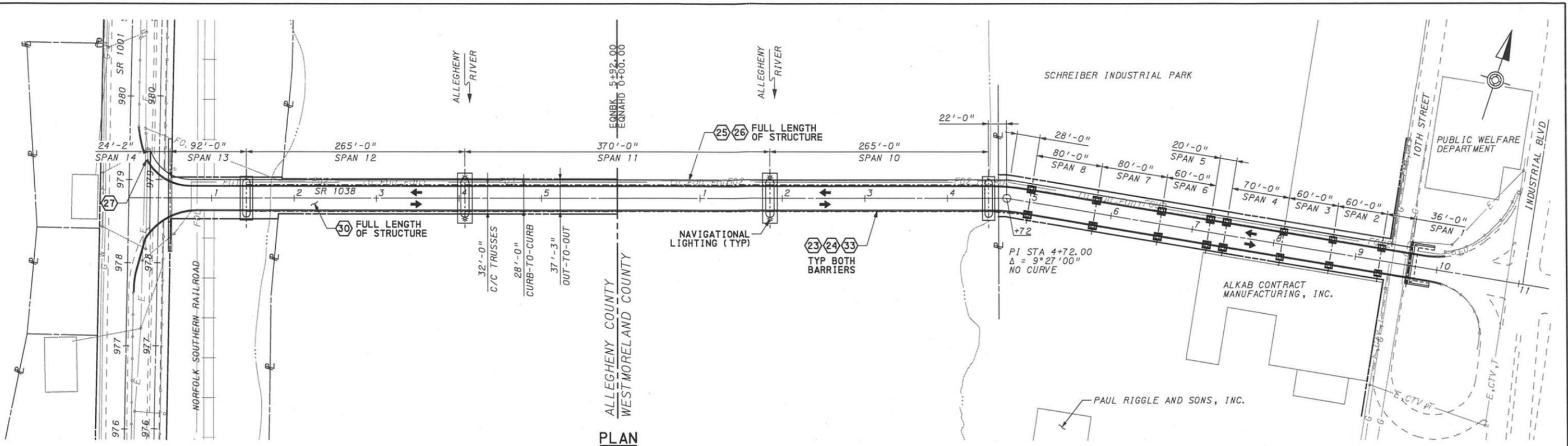


Grade Crossing Engineer



Project Location
SR 1038-A01
DOT 510 878 N
RR MP PT-59.13
East Deer Township, Allegheny County

LOCATION MAP
EXHIBIT "A"



- LEGEND:**
- DIRECTION OF TRAFFIC
 - ⊗ SUBSTRUCTURE REPAIR AND LOCATION
 - ⊗ SUPERSTRUCTURE REPAIR AND LOCATION
 - ⊗ DECK REPAIR AND LOCATION
 - ⊗ MISCELLANEOUS REPAIR AND LOCATION
 - /// EXISTING GROUND LINE

Mark	Description	By	Chk'd.	Revised	Date
REVISIONS					

- NOTES:**
- FOR SCOPE OF WORK ITEMS, SEE SHEET 2.
 - FOR EXISTING TYPICAL SECTIONS, SEE SHEET 2.

DESCRIPTION	DWG NO.	APP DATE
PROTECTIVE FENCE	BC-701M	9/30/16
TEMPORARY CONCRETE BARRIER, STRUCTURE MOUNTED	BC-719M	9/30/16
ELECTRICAL DETAILS	BC-721M	9/30/16
ANCHOR SYSTEMS	BC-734M	8/4/17
WALL CONSTR & EXP JOINT DETAILS	BC-735M	9/30/16
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	9/30/16
BRIDGE DRAINAGE	BC-751M	9/30/16
CONCRETE DECK SLAB DETAILS	BC-752M	9/30/16
STEEL GIRDER DETAILS	BC-753M	9/30/16
NEOPRENE STRIP SEAL DAM FOR PRESTRESSED CONCRETE & STEEL I-BEAM BRIDGES	BC-767M	9/30/16
REINFORCED CONCRETE REPAIR	BC-783M	9/30/16
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	9/30/16

SR 1038 PREVIOUSLY KNOWN AS LR 188

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

ALLEGHENY COUNTY
SR 1038 SECTION A01
SEGMENT 0010 OFFSET 0000
SR 1038-A01 STA 5+92.00
OVER THE ALLEGHENY RIVER
PRESERVATION OF 14 SPAN NEW KENSINGTON BRIDGE
TYPE, SIZE & LOCATION

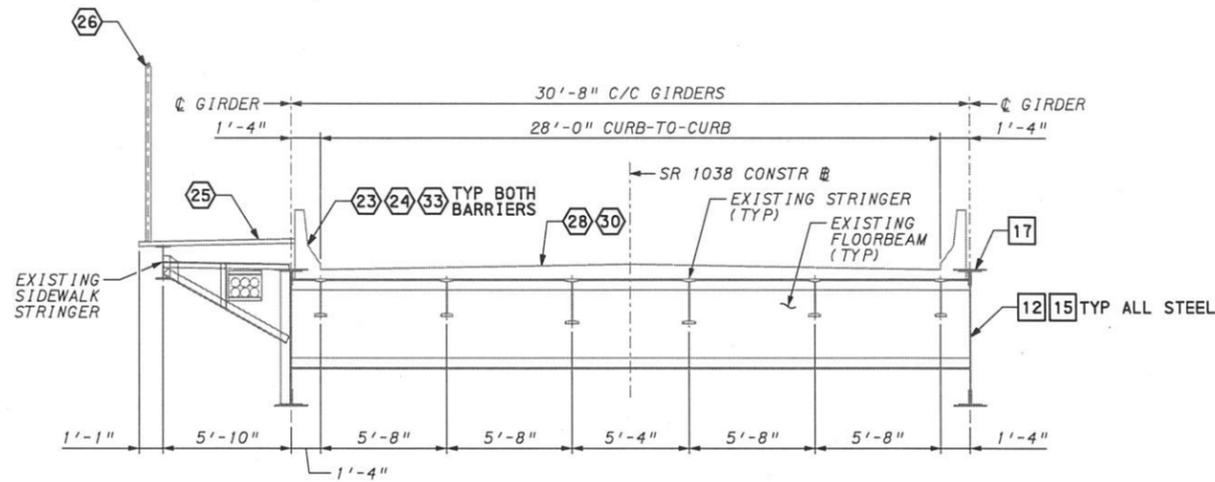
RECOMMENDED _____	SHEET 1 OF 2 +SUPPLEMENTAL DRAWINGS
BRIDGE ENGINEER	S -

**PRELIMINARY
NOT FOR
CONSTRUCTION**

Prepared by:
MARKOSKY
3689 Route 711
Ligonier, PA 15658

SIGNATURE _____ DATE _____

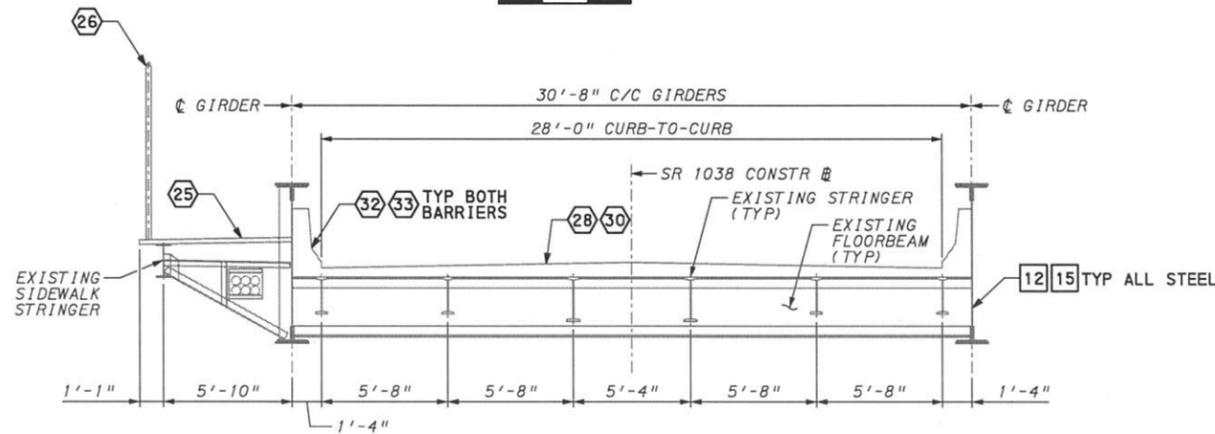
DES: TJH	CKD: TSA	DWG: TJH	CKD: TSA
----------	----------	----------	----------



EXISTING TYPICAL SECTION - SPANS 1-3, 5-8, 13

(LOOKING AHEAD STATION)

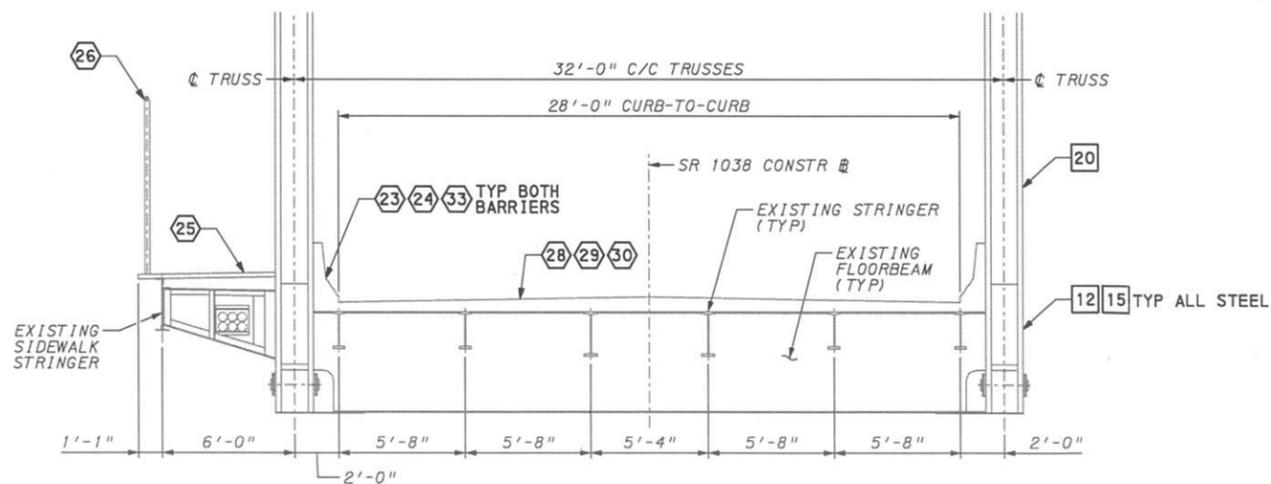
0 2 4 6 FEET



EXISTING TYPICAL SECTION - SPAN 4

(LOOKING AHEAD STATION)

0 2 4 6 FEET



EXISTING TYPICAL SECTION - SPANS 10-12

(LOOKING AHEAD STATION)

0 2 4 6 FEET

SCOPE OF WORK:

- 1 REPAIR DETERIORATED CONCRETE, SUBSTRUCTURE
- 2 EPOXY INJECTION CRACK SEAL, SUBSTRUCTURE
- 3 APPLY EPOXY RESIN SURFACE TREATMENT, SUBSTRUCTURE
- 4 APPLY PENETRATING SEALER SURFACE TREATMENT
- 5 REMOVE VEGETATION
- 6 INSTALL SPLASH BLOCKS
- 7 REPLACE DETERIORATED UTILITY CONDUIT
- 8 CLEAN AND FLUSH ABUTMENT WEEPHOLES; INSTALL WEEPHOLE FILTERS
- 9 PLACE R-4 ROCK CHOKED WITH NO. 57 AGGREGATE
- 10 REPAIR EROSION AREAS
- 11 REPAIR CONCRETE CURB
- 12 CLEAN AND PAINT STRUCTURAL STEEL
- 13 REMOVE AND REPLACE DOWNSPOUTING
- 14 REPLACE RIVET WITH HIGH STRENGTH BOLT
- 15 MISCELLANEOUS STRUCTURAL STEEL REPAIR
- 16 RECONSTRUCT DECK JOINT SUPPORT STRUCTURE
- 17 INSTALL FLASHING BEHIND BARRIER
- 18 REPLACE DAMAGED CONDUIT AND HANGERS
- 19 APPLY EPOXY RESIN SURFACE TREATMENT, SUPERSTRUCTURE
- 20 RETROFIT DIAGONAL MEMBERS SUBJECT TO EXCESSIVE VIBRATION
- 21 REPLACE PIN SPACER TUBES
- 22 CLEAN BEAM SEAT; LUBRICATE BEARINGS
- 23 REPAIR DETERIORATED CONCRETE, BARRIERS
- 24 EPOXY INJECTION CRACK SEAL, BARRIERS
- 25 INSTALL NEW EPOXY OVERLAY ON SIDEWALK
- 26 INSTALL NEW PROTECTIVE FENCE
- 27 INSTALL NEW ADA CURB RAMP
- 28 REPLACE EXISTING EXPANSION DAM WITH NEOPRENE STRIP SEAL EXPANSION DAM
- 29 REPLACE EXISTING EXPANSION DAM WITH MODULAR EXPANSION DAM
- 30 PLACE 1 1/4" LATEX MODIFIED CONCRETE OVERLAY INCLUDING VARIABLE DEPTH LMC, SCARIFICATION, HYDRO-DEMOLITION, AND TEXTURIZING
- 31 REPLACE MERCURY VAPOR LIGHT FIXTURE WITH LED LIGHT FIXTURE
- 32 REPLACE CONCRETE BARRIERS THAT ARE REMOVED IN PROCESS OF STRUCTURAL STEEL REPAIRS
- 33 APPLY EPOXY RESIN SURFACE TREATMENT, BARRIERS
- 34 REPLACE PAVEMENT RELIEF JOINT AT EAST APPROACH
- 35 REPLACE MISSING UTILITY BOX COVERS

NOTES:

1. FOR GENERAL PLAN AND ELEVATION, SEE SHEET 1.

Mark	Description	By	Chk'd.	Revised	Date
REVISIONS					

SR 1038 PREVIOUSLY KNOWN AS LR 188

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

ALLEGHENY COUNTY
SR 1038 SECTION A01
SEGMENT 0010 OFFSET 0000
SR 1038-A01 STA 5+92.00
OVER THE ALLEGHENY RIVER
PRESERVATION OF 14 SPAN NEW KENSINGTON BRIDGE
TYPE, SIZE & LOCATION

RECOMMENDED _____

BRIDGE ENGINEER

SHEET 2 OF 2
+SUPPLEMENTAL
DRAWINGS

S -

EXHIBIT B
2 of 2

**PRELIMINARY
NOT FOR
CONSTRUCTION**