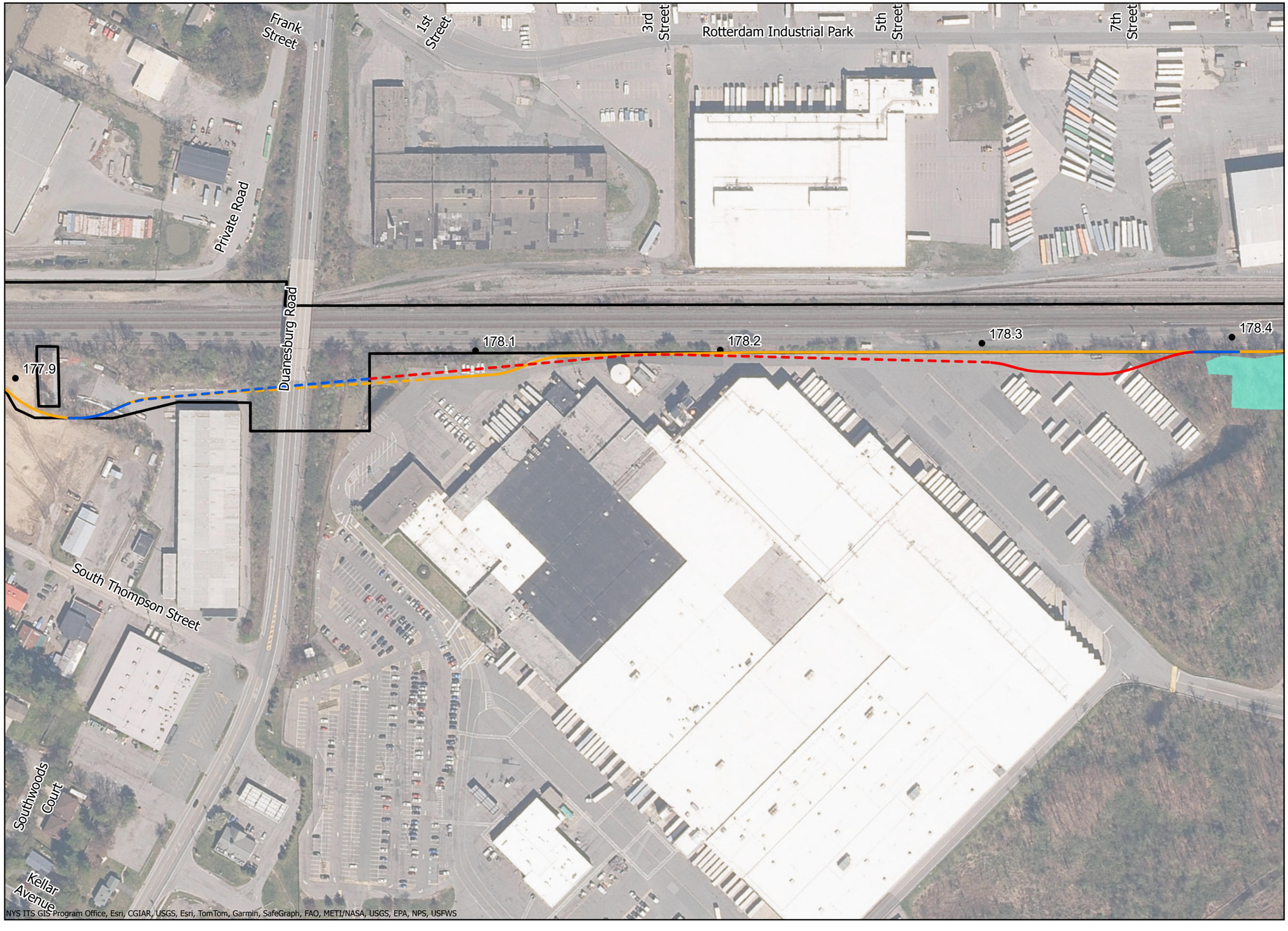
APPENDIX E. PACKAGE 5A - SEGMENT 8 DEVIATION ZONE EXCURSIONS

NEW EXCURSION

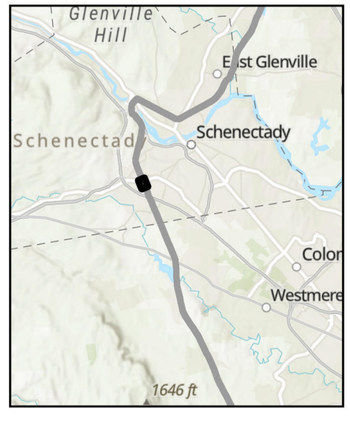


CHPE EM&CP

Schenectady County, New York

Deviation Zone Analysis

- Segment 8 Trench Excursion
- Segment 8 HDD Excursion
- Segment 8 HDD
- Segment 8 Trench
- Segment 8 Approved Trench
- Segment 8 Approved HDD
- Delineated Streams
- Mile Post
- Deviation Zone
- Delineated Wetlands



0 80 200 300 500

Feet

Prepared 05/07/2024
Basemap NYSDOP *2020* map service

CHPE LLC
623 Fifth Avenue, 20th Floor
New York, NY 10022

Segment 8 (Package 5A) EM&CP Appendix J Memo – NDC-0049

HDD Report Revision Memo for HDD Design Change

HDD #: 73

Date: 05/08/2024

Design Change Number(s): NDC-0049

Revision Description:

NDC-0049 extends HDD 73 to exit in the southern parking lot of the Golub property. Additionally, the alignment has been designed to maintain a minimum 12ft offset from the Duanesburg Road bridge abutment.

For the report sections indicated below, information and analysis regarding HDD 73 are superseded by the updates in this memo:

Design Summary Report

Section	Section Title	Refer to IFC Submittal	Revised Herein	Notes:
1.0	**Introduction**		**X**	**Table 1 updated with the new HDD 73 stationing and lengths**
2.0	Project Description	X		
3.0	Background	X		
4.0	Surface Conditions	X		
5.0	Below-grade Structures	X		
6.0	**Subsurface Conditions**		**X**	**Revisions will be completed once final Geotechnical boring logs are completed**
7.0	HDD Process	X		
8.0	Design Components	X		
9.0	Construction Considerations	X		
10.0	References	X		
Apx. A	Geotechnical Data	X		**Revisions will be completed once final Geotechnical boring logs are completed**
Apx. B	**Calculations**		**X**	**Revisions for HDD 73 pipe stress calculations only**

Inadvertent Release Contingency Plan

Section	Section Title	Refer to IFC Submittal	Revised Herein	Notes:
1.0	**Introduction**		**X**	**Table 1 updated with the new HDD 73 stationing and lengths**
2.0	Description of the HDD Process	X		
3.0	Organization and Staffing Responsibilities	X		
4.0	Fluid Release Minimization Measures	X		
5.0	Inadvertent Release Monitoring and Notifications	X		
6.0	Inadvertent Release Response (Upload and Road Areas)	X		
7.0	Inadvertent Release Response (Wetland, railroad, and open water body areas)	X		
8.0	Drill Hole Abandonment Plan	X		
9.0	**Crossing Specific Conditions and IR Analysis**		**X**	**Revisions will be completed once final Geotechnical boring logs are completed**
Apx. A	Annular Pressure Analysis	X		**Revisions will be completed once final Geotechnical boring logs are completed**

Table of Contents

Champlain Hudson Power Express

UPDATES TO
HDD Design Summary Report
Crossings HDD 71 to HDD 87A.A
in Segment 8 – Package 5A
FOR HDD 73

For Design Rev. #1 || Design Rev. Date: 05/08/2024

Rotterdam to Fuera Bush
Schenectady County, New York

TTR Project Number: 204-3701

Prepared for:
Transmission Developers Inc.
600 Broadway Street
Albany, NY 12207

Prepared by:
Tetra Tech Engineering and Surveying, P.C.
(A New York Professional Corporation)
115 Inverness Drive East, Suite 300
Englewood, CO 80112
(303)792-5911

May 2024

1.0 INTRODUCTION

Revised Table 1

Table 1: HDD Locations, Lengths, and Description

HDD #	Start Station	End Station	HDD Length, ft	Obstruction Crossed
73 – Conduit 1	***50063+82***	***50081+71***	***1789***	Route 159 / Duanesburg Rd.
73 – Conduit 2	***50064+99***	***50081+71***	***1672***	***Route 159 / Duanesburg Rd.***

6.0 SUBSURFACE CONDITIONS

HDD #73

Text Revised

In the vicinity of HDD #73, Fill soils are expected to overlie deltaic deposits (glacial lake deposits) consisting of poorly graded sand and silty sand (very loose to medium dense).

At this time there are two additional planned Geotechnical borings that will be completed once landowner access permissions have been granted. When the final Geotechnical boring logs are completed, the Subsurface conditions will be reviewed and reevaluated.

Appendix B

BoreAid Calculations Revised

Appendix B

BoreAid HDD Simulation Output

Generated Output

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Project Summary

General:

Kiewit - CHPE

Ref: New York

204-3701

Start Date: 03-25-2024

End Date: 05-08-2024

Designer:

Aaron Coady

Tetra Tech Rooney

115 Inverness Drive East, Suite 300

Englewood, Colorado

United States 80112

aaron.coady@tetratech.com

Description:

Segment 8 (Package 5A)
Conduit 1
HDD 73
DWG C-307

Input Summary

Start Coordinate	(0.00, 0.00, 336.73) ft
End Coordinate	(1781.00, 0.00, 335.38) ft
Project Length	1781.00 ft
Pipe Type	HDPE
OD Classification	IPS
Pipe OD	10.750 in
Pipe DR	9.0
Pipe Thickness	1.19 in
Rod Length	15.00 ft
Rod Diameter	3.5 in
Drill Rig Location	(0.00, 0.00, 0.00) ft

Load Verifier Input Summary:

Pipe Application: Electrical Cable
Pipe Type: HDPE
Classification: IPS
Pipe OD: 10" (10.75")
Pipe DR: 9
Pipe Length: 1815.00 ft
Internal Pressure: 0 psi
Borehole Diameter: 1.34400002161662 ft
Silo Width: 1.34400002161662 ft
Surface Surcharge: 0 psi
Short Term Modulus: 57500 psi
Long Term Modulus: 28200 psi
Short Term Poisson Ratio: 0.35
Long Term Poisson Ratio: 0.45
Pipe Unit Weight: 7.92790 lb/US (liquid) gallon
Allowable Tensile Stress (Short Term): 1200 psi
Allowable Tensile Stress (Long Term): 1100 psi
Allowable Compressive Stress (Short Term): 1150 psi
Allowable Compressive Stress (Long Term): 1150 psi
Surface-pipe friction coefficient at entrance: 0.5
Surface-pipe friction coefficient in borehole: 0.3
Pipe-soil friction angle: 30
Slurry Unit Weight: 12.51801 lb/US (liquid) gallon
Hydrokinetic Pressure: 10 psi
Ballast Unit Weight: 8.34534 lb/US (liquid) gallon

In-service Load Summary:

Pressure [psi]	Deformed	Collapsed
Earth Pressure	3.5	57.1
Water Pressure	28.2	26.5
Surface Surcharge	0.0	0.0
Internal Pressure	0.0	0.0
Net Pressure	31.7	83.6
Deflection		
Earth Load Deflection	1.853	15.547
Buoyant Deflection	0.132	0.132
Reissner Effect	0	0
Net Deflection	1.985	15.679
Compressive Stress [psi]		
Compressive Wall Stress	142.8	376.4

Installation Load Summary:

Forces/Stresses	@Maximum Force	Absolute Maximum
Pullback Force [lb]	31704.7	31704.7
Pullback Stress [psi]	884.2	884.2
Pullback Strain	1.538E-2	1.538E-2
Bending Stress [psi]	0.0	21.5
Bending Strain	0	3.733E-4
Tensile Stress [psi]	884.2	902.6
Tensile Strain	1.538E-2	1.607E-2

Net External Pressure = 39.3 [psi]

Buoyant Deflection = 0.1

Hydrokinetic Force = 567.6 lb

In-service Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	1.985	7.5	3.8	OK
Unconstrained Collapse [psi]	47.6	125.2	2.6	OK
Compressive Wall Stress [psi]	142.8	1150.0	8.1	OK

Installation Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	0.065	7.5	115.8	OK
Unconstrained Collapse [psi]	57.4	200.5	3.5	OK
Tensile Stress [psi]	902.6	1200.0	1.3	OK

Generated Output

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Project Summary

General:	Kiewit - CHPE Ref: New York 204-3701 Start Date: 03-25-2024 End Date: 05-08-2024
Designer:	Aaron Coady Tetra Tech Rooney 115 Inverness Drive East, Suite 300 Englewood, Colorado United States 80112 aaron.coady@tetratech.com
Description:	Segment 8 (Package 5A) Conduit 2 HDD 73 DWG C-308

Input Summary

Start Coordinate	(0.00, 0.00, 336.87) ft
End Coordinate	(1667.00, 0.00, 335.27) ft
Project Length	1667.00 ft
Pipe Type	HDPE
OD Classification	IPS
Pipe OD	10.750 in
Pipe DR	9.0
Pipe Thickness	1.19 in
Rod Length	15.00 ft
Rod Diameter	3.5 in
Drill Rig Location	(0.00, 0.00, 0.00) ft

Load Verifier Input Summary:

Pipe Application: Electrical Cable

Pipe Type: HDPE

Classification: IPS

Pipe OD: 10" (10.75")

Pipe DR: 9

Pipe Length: 1680.00 ft

Internal Pressure: 0 psi

Borehole Diameter: 1.34400002161662 ft

Silo Width: 1.34400002161662 ft

Surface Surcharge: 0 psi

Short Term Modulus: 57500 psi

Long Term Modulus: 28200 psi

Short Term Poisson Ratio: 0.35

Long Term Poisson Ratio: 0.45

Pipe Unit Weight: 7.92790 lb/US (liquid) gallon

Allowable Tensile Stress (Short Term): 1200 psi

Allowable Tensile Stress (Long Term): 1100 psi

Allowable Compressive Stress (Short Term): 1150 psi

Allowable Compressive Stress (Long Term): 1150 psi

Surface-pipe friction coefficient at entrance: 0.5

Surface-pipe friction coefficient in borehole: 0.3

Pipe-soil friction angle: 30

Slurry Unit Weight: 12.51801 lb/US (liquid) gallon

Hydrokinetic Pressure: 10 psi

Ballast Unit Weight: 8.34534 lb/US (liquid) gallon

In-service Load Summary:

Pressure [psi]	Deformed	Collapsed
Earth Pressure	5.8	46.1
Water Pressure	17.3	15.7
Surface Surcharge	0.0	0.0
Internal Pressure	0.0	0.0
Net Pressure	23.1	61.7
Deflection		
Earth Load Deflection	1.577	12.542
Buoyant Deflection	0.132	0.132
Reissner Effect	0	0
Net Deflection	1.709	12.674
Compressive Stress [psi]		
Compressive Wall Stress	104.0	277.8

Installation Load Summary:

Forces/Stresses	@Maximum Force	Absolute Maximum
Pullback Force [lb]	27885.9	27885.9
Pullback Stress [psi]	777.7	777.7
Pullback Strain	1.353E-2	1.353E-2
Bending Stress [psi]	0.0	21.5
Bending Strain	0	3.733E-4
Tensile Stress [psi]	777.7	796.6
Tensile Strain	1.353E-2	1.423E-2

Net External Pressure = 22.2 [psi]

Buoyant Deflection = 0.1

Hydrokinetic Force = 567.6 lb

In-service Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	1.709	7.5	4.4	OK
Unconstrained Collapse [psi]	30.4	118.5	3.9	OK
Compressive Wall Stress [psi]	104.0	1150.0	11.1	OK

Installation Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	0.065	7.5	115.8	OK
Unconstrained Collapse [psi]	40.4	208.6	5.2	OK
Tensile Stress [psi]	796.6	1200.0	1.5	OK

Generated Output

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Project Summary

General:	Kiewit - CHPE Ref: New York 204-3701 Start Date: 03-25-2024 End Date: 05-08-2024
Designer:	Aaron Coady Tetra Tech Rooney 115 Inverness Drive East, Suite 300 Englewood, Colorado United States 80112 aaron.coady@tetratech.com
Description:	Segment 8 (Package 5A) Conduit 3 HDD 73 DWG C-307

Input Summary

Start Coordinate	(0.00, 0.00, 336.73) ft
End Coordinate	(1781.00, 0.00, 335.38) ft
Project Length	1781.00 ft
Pipe Type	HDPE
OD Classification	IPS
Pipe OD	3.500 in
Pipe DR	9.0
Pipe Thickness	0.39 in
Rod Length	15.00 ft
Rod Diameter	3.5 in
Drill Rig Location	(0.00, 0.00, 0.00) ft

Load Verifier Input Summary:

Pipe Application: Electrical Cable
Pipe Type: HDPE
Classification: IPS
Pipe OD: 3" (3.5")
Pipe DR: 9
Pipe Length: 1815.00 ft
Internal Pressure: 0 psi
Borehole Diameter: 0.625 ft
Silo Width: 0.625 ft
Surface Surcharge: 0 psi
Short Term Modulus: 57500 psi
Long Term Modulus: 28200 psi
Short Term Poisson Ratio: 0.35
Long Term Poisson Ratio: 0.45
Pipe Unit Weight: 7.92790 lb/US (liquid) gallon
Allowable Tensile Stress (Short Term): 1200 psi
Allowable Tensile Stress (Long Term): 1100 psi
Allowable Compressive Stress (Short Term): 1150 psi
Allowable Compressive Stress (Long Term): 1150 psi
Surface-pipe friction coefficient at entrance: 0.5
Surface-pipe friction coefficient in borehole: 0.3
Pipe-soil friction angle: 30
Slurry Unit Weight: 12.51801 lb/US (liquid) gallon
Hydrokinetic Pressure: 10 psi
Ballast Unit Weight: 8.34534 lb/US (liquid) gallon

In-service Load Summary:

Pressure [psi]	Deformed	Collapsed
Earth Pressure	1.6	57.1
Water Pressure	28.2	26.5
Surface Surcharge	0.0	0.0
Internal Pressure	0.0	0.0
Net Pressure	29.8	83.6
Deflection		
Earth Load Deflection	0.874	15.547
Buoyant Deflection	0.043	0.043
Reissner Effect	0	0
Net Deflection	0.917	15.590
Compressive Stress [psi]		
Compressive Wall Stress	134.3	376.4

Installation Load Summary:

Forces/Stresses	@Maximum Force	Absolute Maximum
Pullback Force [lb]	3473.4	3473.4
Pullback Stress [psi]	913.8	913.8
Pullback Strain	1.589E-2	1.589E-2
Bending Stress [psi]	0.0	7.0
Bending Strain	0	1.215E-4
Tensile Stress [psi]	913.8	917.7
Tensile Strain	1.589E-2	1.608E-2

Net External Pressure = 39.3 [psi]

Buoyant Deflection = 0.0

Hydrokinetic Force = 172.8 lb

In-service Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	0.917	7.5	8.2	OK
Unconstrained Collapse [psi]	47.6	132.2	2.8	OK
Compressive Wall Stress [psi]	134.3	1150.0	8.6	OK

Installation Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	0.021	7.5	355.7	OK
Unconstrained Collapse [psi]	57.4	200.1	3.5	OK
Tensile Stress [psi]	917.7	1200.0	1.3	OK

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Project Summary

General:

Kiewit - CHPE

Ref: New York

204-3701

Start Date: 03-25-2024

End Date: 05-08-2024

Designer:

Aaron Coady

Tetra Tech Rooney

115 Inverness Drive East, Suite 300

Englewood, Colorado

United States 80112

aaron.coady@tetratech.com

Description:

Segment 8 (Package 5A)
Conduit 1 & 3 Equivalent Pipe Bundle
HDD 73
DWG C-307

Load Verifier Input Summary:

Pipe Application: Electrical Cable

Pipe Type: HDPE

Classification: IPS

Pipe OD: 11.305 in

Pipe DR: 8.5

Pipe Length: 1815.00 ft

Internal Pressure: 0 psi

Borehole Diameter: 1.4129999478658 ft

Silo Width: 1.4129999478658 ft

Surface Surcharge: 0 psi

Short Term Modulus: 57500 psi

Long Term Modulus: 28200 psi

Short Term Poisson Ratio: 0.35

Long Term Poisson Ratio: 0.45

Pipe Unit Weight: 7.92790 lb/US (liquid) gallon

Allowable Tensile Stress (Short Term): 1200 psi

Allowable Tensile Stress (Long Term): 1100 psi

Allowable Compressive Stress (Short Term): 1150 psi

Allowable Compressive Stress (Long Term): 1150 psi

Surface-pipe friction coefficient at entrance: 0.5

Surface-pipe friction coefficient in borehole: 0.3

Pipe-soil friction angle: 30

Slurry Unit Weight: 12.51801 lb/US (liquid) gallon

Hydrokinetic Pressure: 10 psi

Ballast Unit Weight: 8.34534 lb/US (liquid) gallon

In-service Load Summary:

Pressure [psi]	Deformed	Collapsed
Earth Pressure	7.1	57.1
Water Pressure	24.9	26.5
Surface Surcharge	0.0	0.0
Internal Pressure	0.0	0.0
Net Pressure	32.0	83.6
Deflection		
Earth Load Deflection	1.600	12.810
Buoyant Deflection	0.117	0.117
Reissner Effect	0	0
Net Deflection	1.717	12.927
Compressive Stress [psi]		
Compressive Wall Stress	136.0	355.4

Installation Load Summary:

Forces/Stresses	@Maximum Force	Absolute Maximum
Pullback Force [lb]	34709.8	34709.8
Pullback Stress [psi]	832.8	832.8
Pullback Strain	1.448E-2	1.448E-2
Bending Stress [psi]	0.0	22.6
Bending Strain	0	3.925E-4
Tensile Stress [psi]	832.8	852.7
Tensile Strain	1.448E-2	1.522E-2

Net External Pressure = 39.3 [psi]

Buoyant Deflection = 0.1

Hydrokinetic Force = 627.2 lb

In-service Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	1.717	7.5	4.4	OK
Unconstrained Collapse [psi]	47.6	153.9	3.2	OK
Compressive Wall Stress [psi]	136.0	1150.0	8.5	OK

Installation Analysis

	Calculated	Allowable	Factor of Safety	Check
Deflection [%]	0.057	7.5	130.7	OK
Unconstrained Collapse [psi]	57.4	247.5	4.3	OK
Tensile Stress [psi]	852.7	1200.0	1.4	OK

Champlain Hudson Power Express

UPDATES TO
Inadvertent Release Contingency Plan for Horizontal Directional Drilling in Segment 8 - Package 5A
FOR HDD 73

For Design Rev. #1 || Design Rev. Date: 05/08/2024

Rotterdam to Fuera Bush
Schenectady County, New York

TTR Project Number 204-3701

Prepared for:
Transmission Developers Inc.
600 Broadway Street
Albany, NY 12207

Prepared by:
Tetra Tech Engineering and Surveying, P.C.
(A New York Professional Corporation)
115 Inverness Drive East, Suite 300
Englewood, CO 80112
(303) 792-5911

STATE OF NEW YORK
EDWARD J. KELLY
094981

May 2024

1.0 INTRODUCTION

Revised Table 1

Table 1: HDD Locations, Lengths, and Description

HDD #	Start Station	End Station	HDD Length, ft	Obstruction Crossed
73 – Conduit 1	***50063+82***	***50081+71***	***1789***	Route 159 / Duanesburg Rd.
73 – Conduit 2	***50064+99***	***50081+71***	***1672***	***Route 159 / Duanesburg Rd.***

9.0 CROSSING SPECIFIC CONDITIONS AND IR ANALYSIS

9.4 HDD CROSSING #73

Text Revised

Surface conditions at HDD #73:
The HDD #73 alignments pass below Route 159/Duanesburg Road which is oriented approximately northeast-southwest, 50-ft wide, and located on an elevated, sloped embankment. Utility poles are located within the southeast side of the embankment. Route 159/Duanesburg Road passes over two (2) active CSX rails to the immediate east by means of a concrete deck bridge. The western bridge abutment is located to the immediate east of the HDD alignments.

The HDD entry (northwest) is located in a paved parking area behind a single-story commercial building. The HDD exit (southeast) is located in a paved parking area behind the Golub Corporation Facility (single-story commercial building). The CSX rails are located approximately at-grade to the east-northeast, and are oriented northwest-southeast. Portions of the HDD #73 alignments are located within the CSX right-of-way. The surface grades in the site vicinity are relatively flat fat and range from about El. 333 to El. 336. The surface of Route 159/Duanesburg Road is at about El. 370.

Subsurface conditions at HDD #73:
In the vicinity of HDD #73, Fill soils are expected to overlie glacial lake deposits consisting of poorly graded sand and silty sand (very loose to medium dense).

At this time, there are two additional planned Geotechnical borings that will be completed once landowner access permissions have been granted. When the final Geotechnical boring logs are completed, the Subsurface conditions will be reviewed and reevaluated.

IR Risk at HDD #73:

In our opinion the conditions conducive to inadvertent releases that may exist this at this site may include:

- Highly permeable soil such as cobbles and gravel in the surficial fill.
- Areas of reduced soil cover, including existing adjacent detention ponds.
- Utility pole locations.
- Existing below-grade utilities.
- Potential deep foundations associated with overpass structures.
- Obstructions such as cobbles and boulders within the overburden soils.

It appears that there is a potential of inadvertent release at ends of the bores (as is common). These could be controlled through the use of conductive casings, haybales, silt fences, erosion control measures and vacuum trucks.

When the final Geotechnical boring logs are completed, the Annular Pressure calculations will be updated and the IR Risk assessment will be reevaluated.

NYSDOT R1 Acceptance Email

From: Tedesco, Gaetano (DOT) <Gaetano.Tedesco@dot.ny.gov>
Sent: Thursday, March 21, 2024 7:24 AM
To: Nolan Mazur
Cc: CHPE-KWT@portal3.pbid.com; McNally, Jim (DOT); Haggerty, Matt (DOT); Barret.LaGrave-PTR; (nicole.shute@wsp.com); Hassanain, Mostafa A.; Peter.Koncelik-PTR; Anthony.Gioco-PTR; Paul Weske; Ayokunle Kafi; Gregory.Brickham; Jason.Neff; Douglas.Kusuke; Mark.Swallow; Mike Mehrtens; Scott Tracy-Inglis; Michael Englishby
Subject: [External]RE: KWT - Overland: New Transmittal - WSP-NYSDOT-TRNS-3030 - CHPE to NYSDOT Tier 4 - PERM 32 & 33 Final Submission 03.20.24

Nolan-

I approve of the amendment request that was submitted with the latest transmittal.

Thanks
Guy

Gaetano Tedesco, P.E.
Regional Permit Engineer, Region 1

New York State Department of Transportation
Region One – Traffic
50 Wolf Rd., Albany, NY 12232
(518) 457-9934 | Gaetano.Tedesco@dot.ny.gov

From: Nolan Mazur <nolan.mazur@tdi-usa.com>
Sent: Wednesday, March 20, 2024 4:51 PM
To: Tedesco, Gaetano (DOT) <Gaetano.Tedesco@dot.ny.gov>
Cc: CHPE-KWT@portal3.pbid.com; McNally, Jim (DOT) <Jim.McNally@dot.ny.gov>; Haggerty, Matt (DOT) <Matt.Haggerty@dot.ny.gov>; (barret.lagrave@wsp.com) <barret.lagrave@wsp.com>; (nicole.shute@wsp.com) <nicole.shute@wsp.com>; Hassanain, Mostafa A. <mostafa.hassanain@wsp.com>; peter.koncelik@wsp.com; anthony.gioco@wsp.com; Paul Weske <Paul.Weske@tdi-usa.com>; Ayokunle Kafi <Ayokunle.Kafi@tdi-usa.com>; Brickham, Gregory <gregory.brickham@kiewit.com>; Jason.Neff <jason.neff@kiewit.com>; Douglas.Kusuke <douglas.kusuke@kiewit.com>; Swallow, Mark <mark.swallow@kiewit.com>; Mike Mehrtens <Mike.Mehrtens@tdi-usa.com>; Scott Tracy-Inglis <scott.tracy-inglis@tdi-usa.com>; Michael Englishby <michael.englishby@tdi-usa.com>
Subject: RE: KWT - Overland: New Transmittal - WSP-NYSDOT-TRNS-3030 - CHPE to NYSDOT Tier 4 - PERM 32 & 33 Final Submission 03.20.24

Hi @gaetano.tedesco@dot.ny.gov,

In relation to NYSDOT Highway Work Permit No. 202201103611 (*103611 - CHPE Washington_Putnam, Dresden & Whitehall_22.pdf*) for PERM 32 roadway crossings or occupancies and NYSDOT Highway Work Permit No. 202301105322 - (*202301105322.pdf*) for PERM 33 access roads, and via the transmittal below, we are requesting an amendment to the permit to add the drawings within the transmittal below from the drawing sets with the following file names:

- *CHPE-CORR-2238-00-20240320_HWP_PERM_32_TIER4_HWP_AMENDMENT.pdf*; and
- *CHPE-CORR-2238-00-20240320_HWP_PERM_33_TIER4_HWP_AMENDMENT.pdf*.

Also attached and in the transmittal link below are the tables of drawings we are requesting to have added to the respective Highway Work Permits ("*CHPE-CORR-2238-00-COVER_SHEET_20240320_HWP_PERM_32_TIER_4_HWP_AMENDMENT.pdf*" for PERM 32 and "*CHPE-CORR-2238-00-COVER_SHEET_20240320_HWP_PERM_33_TIER_4_HWP_AMENDMENT.pdf*" for PERM 33) as well as the updated PERM 32/33 drawing tracker (*CHPE-CORR-2238-00-NYSDOT - Region 1 PERM Tracker_20240320_HWP_AMENDMENT.xlsx*) for your use.

Please let me know at your earliest convenience if this amendment request is approved, if you require any further information for approval, or if you would like to discuss this request further.

Regards,

Nolan Mazur
Director, DOT Program Management
C: (718) 360-3559

chpexpress.com

From: CHPE-KWT@portal3.pbid.com <CHPE-KWT@portal3.pbid.com>
Sent: Wednesday, March 20, 2024 1:37 PM
To: gaetano.tedesco@dot.ny.gov; jim.mcnally@dot.ny.gov; matt.haggerty@dot.ny.gov; peter.koncelik@wsp.com; Shute, Nicole <nicole.shute@wsp.com>; Brickham, Gregory <gregory.brickham@kiewit.com>; Jason.Neff <jason.neff@kiewit.com>; Douglas.Kusuke <douglas.kusuke@kiewit.com>; katie.radabaugh@kiewit.com; Swallow, Mark <mark.swallow@kiewit.com>; Paul Weske <paul.weske@tdi-usa.com>; Ayokunle Kafi <ayokunle.kafi@tdi-usa.com>; Nolan Mazur <nolan.mazur@tdi-usa.com>; anthony.gioco@wsp.com; Hassanain, Mostafa A. <mostafa.hassanain@wsp.com>; barret.lagrave@wsp.com
Cc: CHPE-KWT@portal3.pbid.com
Subject: KWT - Overland: New Transmittal - WSP-NYSDOT-TRNS-3030 - CHPE to NYSDOT Tier 4 - PERM 32 & 33 Final Submission 03.20.24

Workflow Notification

A new Transmittal has been entered into the system.

ATTN: Guy Tedesco; Jim McNally; Matt Haggerty

Transmittal #: WSP-NYSDOT-TRNS-3030
Subject: CHPE to NYSDOT Tier 4 - PERM 32 & 33 Final Submission 03.20.24
From: Barret LaGrave
Issue Purpose: For Your Comment and Review
Date Transmitted: 3/20/2024

Comments: The enclosed submission covers all the Tier 4 locations for the amended HWP.

File Links (link will be active for 180 days):

File Name
CHPE-CORR-2238-00-COVER_SHEET_20240320_HWP_PERM_33_TIER_4_HWP_AMENDMENT.pdf
CHPE-CORR-2238-00-20240320_HWP_PERM_32_TIER4_HWP_AMENDMENT.pdf
20240315_KWT-CRF-CHPE-NDC-0077_NYSDOT_Tier_4_PERM_32_33.xlsx
20240318_KWT-CRF-CHPE-NDC-0077_NYSDOT_Tier_4_PERM_32_33.xlsx
CHPE-CORR-2238-00-COVER_SHEET_20240320_HWP_PERM_32_TIER_4_HWP_AMENDMENT.pdf
CHPE-CORR-2238-00-20240320_HWP_PERM_33_TIER4_HWP_AMENDMENT.pdf
WSP-NYSDOT-TRNS-3030 CHPE to NYSDOT Tier 4 - PERM 32 & 33 Final Submission 03.20.24 Cover Sheet.pdf

CHPE SharePoint users can access the record and file(s) using the link below:
https://chpe.pbid.com/KWT/_layouts/15/DocSetHome.aspx?id=/KWT/Transmittals/CHPE%20to%20NYSDOT%20Tier%204%20-%20PERM%2032%20%26%2033%20Final%20Submission%2003.20.24&OpenIn=browser