



New York State Thruway Authority

TAPPAN ZEE HUDSON RIVER CROSSING PROJECT

DB CONTRACT DOCUMENTS PART 7

ENGINEERING DATA

Revision (Addendum No. 10)
July 18, 2012

Contract D214134
PIN 8TZ1.00
Project TA#: TANY 12-18B

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New York State Thruway Authority

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THE CONTENTS OF PART 7 HAVE BEEN REDACTED IN THEIR ENTIRETY

PART 7. ENGINEERING DATA

7.1. Scope

The Design-Builder may utilize the data provided in *Part 7 - Engineering Data*. It is the Design-Builder's responsibility to validate any information it uses.

7.2. List of Engineering Data Provided

The items in *Part 7 - Engineering Data* are presented in electronic format in sub-folders named as follows:

- Part 7 - 1 - Bathymetric Survey
- Part 7 - 2 - Building Drawings
- Part 7 - 3 - Environmental Compliance Permits
- Part 7 - 4 - Existing Utilities
- Part 7 - 5 - Geotechnics & Foundations
- Part 7 - 6 - Intelligent Transportation Systems Data
- Part 7 - 7 - Mapping & Topographic Data
- Part 7 - 8 - Metro North I & C Specifications
- Part 7 - 9 - Uniform Hazard Spectra
- Part 7 - 10 - Shipping Impact Data
- Part 7 - 11 - State Police Drawings & Specifications
- Part 7 - 12 - Third Party Agreements
- Part 7 - 13 - Toll Plaza Data
- Part 7 - 14 - USACE Regulated Wetlands Data
- Part 7 - 15 - Visualization Backgrounds
- Part 7 - 16 - High Wind Restrictions & Procedures
- Part 7 - 17 - Rockland Survey
- Part 7 - 18 - Dredging prism drawings and CADD shapes
- Part 7 - 19 - Environmental Investigations.

Attachment A presents an inventory of the engineering data files included in the *Part 7* sub-folders.

7.3. Attachment A: Inventory of Files in Part 7 - Engineering Data

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PART 7 - ENGINEERING DATA

1 - Bathymetric Survey				
File Name	File Type	File Size	Status	Notes
7-1-1 AutoCAD Drawing File				
12-6799_A1203.dwg	AutoCAD Drawing	48199 KB	Included	-
12-6799_A1204.dwg	AutoCAD Drawing	6517 KB	Included	-
7-1-2 Elevation Mode - Negatives				
Elevation Mode • Points.dwg	AutoCAD Drawing	6613 KB	Included	-
Elevation Mode • Points.xyz	XYZ File	5593 KB	Included	-
Elevation Mode • Seventeen Foot -MAX DREDGE- Contour.dwg	AutoCAD Drawing	570 KB	Included	-
Elevation Mode • Seventeen Foot -MAX DREDGE- Contour.dxf	AutoCAD Drawing Interchange	3298 KB	Included	-
Elevation Mode • Sixteen Foot -DREDGE- Contour.dwg	AutoCAD Drawing	671 KB	Included	-
Elevation Mode • Sixteen Foot -DREDGE- Contour.dxf	AutoCAD Drawing Interchange	2498 KB	Included	-
Elevation Mode • Ten Foot Interval Contours.dwg	AutoCAD Drawing	2615 KB	Included	-
Elevation Mode • Ten Foot Interval Contours.dxf	AutoCAD Drawing Interchange	11515 KB	Included	-
7-1-3 Hydrographic Survey and Investigation Data				
2012 Hydrographic Survey ADDENDUM#1.pdf	Portable document format	16434 KB	Included	Revised at Addendum #1. Revision summary: dredge limits shown as solid lines; callout labels on dredge limits; addition of notes and dredge volume tables.
Hydrographic and Side Scan Sonar Investigations.pdf	Portable document format	27766 KB	Included	-
7-1-4 HYPACK Files				
12343_1.kap	KAP File	3087 KB	Included	-
ARUP_100_XS.lnw	LNW File	15 KB	Included	-
ARUP_010912.tdx	TDX File	1 KB	Included	-
ARUP_010912.tid	TID File	8 KB	Included	-
ARUP_011012.tdx	TDX File	1 KB	Included	-
ARUP_011012.tid	TID File	9 KB	Included	-
ARUP_contours.DXF	AutoCAD Drawing Interchange	13958 KB	Included	-
ARUP_contours_5_ft.DXF	AutoCAD Drawing Interchange	1372 KB	Included	-
Bathymetry Center Line.dxf	AutoCAD Drawing Interchange	5159 KB	Included	-
CL.lnw	LNW File	2 KB	Included	-
Color.hcf	HCF File	1 KB	Included	-
H-6799_ARUP.ini	Configuration settings	5 KB	Included	-
RAW0109.txt	Text Document	243 KB	Included	-
RAW0110.txt	Text Document	49 KB	Included	-
report.txt	Text Document	1 KB	Included	-
River_Crossing.lnw	LNW File	6 KB	Included	-
sb.tm	TM File	1 KB	Included	-
Sbmax.ini	Configuration settings	3 KB	Included	-
sort.ini	Configuration settings	1 KB	Included	-
survey32.ini	Configuration settings	8 KB	Included	-
tin.ini	Configuration settings	1 KB	Included	-
7-1-5 Raster Images for DWG				
ACSM_Seal.jpg	JPEG image	19 KB	Included	-
New York State Seal.jpg	JPEG image	232 KB	Included	-
Tappan Zee TIFF.tif	TIFF image	6798 KB	Included	-
2 - Buildings Drawings				
File Name	File Type	File Size	Status	Notes
7-2-1 Newburgh - Int-17 Buildings and Facilities				
TANY04-37A 001-005 Index	Portable document format	6180 KB	Included	-
TANY04-37A 006-123 Civil Drawings	Portable document format	96065 KB	Included	-
TANY04-37A 124-266 Maintenance Garage Building	Portable document format	118800 KB	Included	-
TANY04-37A 267-334 Vehicle Storage Building	Portable document format	52074 KB	Included	-
TANY04-37A 335-386 Cold Storage Building	Portable document format	39264 KB	Included	-
TANY04-37A 387-479 State Police Building	Portable document format	75905 KB	Included	-
TANY04-37A 489-549 Toll Utility Building	Portable document format	53099 KB	Included	-
TANY04-37A 550-626 Exiting Canopy	Portable document format	69250 KB	Included	-
TANY04-37A 627-706 Entering Canopy	Portable document format	70360 KB	Included	-
TANY04-37A 707-732 Toll Plaza Walkways	Portable document format	20323 KB	Included	-
TANY04-37A 733-764 Toll Plaza Islands & Tollbooths	Portable document format	25712 KB	Included	-
7-2-2 TZB Existing Buildings and Facilities				
TZB De-con Facility Drawing.pdf	Portable document format	358 KB	Included	-
TZB Existing Caisson Computer Bldg.pdf	Portable document format	26653 KB	Included	-
TZB Existing Dockside Bldg.pdf	Portable document format	2459 KB	Included	-
TZB Existing Tarrytown Bldg.pdf	Portable document format	14556 KB	Included	-
TZB Welding Shop Drawings.pdf	Portable document format	773 KB	Included	-
TZB Welding Shop Footing Drawings.pdf	Portable document format	381 KB	Included	-
TZB Wrecker Building Floor Plan.pdf	Portable document format	118 KB	Included	-

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File Name	File Type	File Size	Status	Notes
3 - Environmental Compliance Permits				
File Name	File Type	File Size	Status	Notes
7-3-1 NMFS Biological Opinion - FHWA Tappan Zee Bridge (June2012).pdf	Portable document format	11,491 KB	Included	File added to RFP at Addendum #8 (29 June 2012).
7-3-2 TZB Section 106 Executed MOA.PDF	Portable document format	1631 KB	Included	Memorandum of Agreement: ACHP National Historic Preservation Act (16 USC §470A; 36 CFR Part 800) Section 106 Consultation. File added to RFP at Addendum #10 (18 July 2012)
US Coast Guard - General Bridge Act of 1946 Section 9 Permit	-	-	To be finalized.	To be finalized.
USACE Nationwide Permit 15	-	-	To be finalized.	To be finalized.
USACE Section 103 Joint Ocean Disposal Acceptability Determination (HARS) Permit	-	-	To be finalized.	To be finalized.
USFWS Endangered Species Act Section 7 Consultation	-	-	To be finalized.	To be finalized.
USFWS Fish and Wildlife Coordination Act Permit	-	-	To be finalized.	To be finalized.
NOAA - NMFS Endangered Species Act (16 USC §§1531-1544; 50 CFR Part 402) Section 7 Consultation	-	-	To be finalized.	To be finalized.
NOAA - NMFS Magnuson-Stevens Fishery Conservation and Management Act (16 U.S.C. §§ 1801-1884) Consultation	-	-	To be finalized.	To be finalized.
NOAA - NMFS Marine Mammal Protection Act(16 USC §1362) Consultation	-	-	To be finalized.	To be finalized.
NYS DEC New York State Air Permits (ECL Article 19; 6 NYCRR Parts 201)	-	-	To be finalized.	To be finalized.
NYS DEC Endangered/Threatened Species Incidental Take Permit (6 NYCRR Part 182.11)	-	-	To be finalized.	To be finalized.
NYS DEC State Pollutant Discharge Elimination System (6 NYCRR Part 750) General Permit	-	-	To be finalized.	To be finalized.
NYS DEC Tidal Wetlands Law (ECL, Article 25) Permit	-	-	To be finalized.	To be finalized.
NYS SED / State Museum Education Law § 233 Permit	-	-	To be finalized.	To be finalized.
NYS OPRHP/SHPO National Historic Preservation Act (16 USC §470A; 36 CFR Part 800) Consultation	-	-	To be finalized.	To be finalized.
NYSDOL Regulatory Site Specific Variance Approvals for Abatement of Asbestos-Containing Materials	-	-	To be finalized.	To be finalized.
FHWA Section 4f Approvals	-	-	To be finalized.	To be finalized.
FHWA 23CFR 772 Procedures for Abatement of Highway Traffic Noise and Construction Noise Coordination	-	-	To be finalized.	To be finalized.
FHWA EO 11990 Wetland Finding	-	-	To be finalized.	To be finalized.
NYS OGS Public Lands Law Article 6 Lease, Easement, or Permit	-	-	To be finalized.	To be finalized.
NYS DOS Coastal Zone Consistency Determination	-	-	To be finalized.	To be finalized.
4 - Existing Utilities				
File Name	File Type	File Size	Status	Notes
7-4-1 Existing Utilities Drawings				
Existing Utilities DRAFT 1Feb2012.pdf	Portable document format	29709 KB	Included	-
7-4-1-1 Verizon Plates				Sub-folder added to Folder "7-4-1" at Addendum #4 (18 May 2012).
NYACK plat 50.pdf	Portable document format	181 KB	Included	File added at Addendum #4 (18 May 2012)
NYACK plat 55.pdf	Portable document format	182 KB	Included	File added at Addendum #4 (18 May 2012)
Tarrytown plate 3.pdf	Portable document format	145 KB	Included	File added at Addendum #4 (18 May 2012)
Tarrytown plate 4.pdf	Portable document format	130 KB	Included	File added at Addendum #4 (18 May 2012)
7-4-1-2 Westchester Gas				Sub-folder added to Folder "7-4-1" at Addendum #4 (18 May 2012).
l287 TZ - Westchester Gas 2May2012.pdf	Portable document format	410 KB	Included	File added at Addendum #4 (18 May 2012)
7-4-2 Drawing Files				
8tz100_map_sur_utilities_railroad.dgn	Bentley Microstation Design	69 KB	Included	-
8TZB01_pho_util_Rockland.dgn	Bentley Microstation Design	375 KB	Included	-
8TZB01_pho_util_Westchester.dgn	Bentley Microstation Design	536 KB	Included	-
NYSTA Utilities - points.dgn	Bentley Microstation Design	121 KB	Included	-
NYSTA Utilities.dgn	Bentley Microstation Design	121 KB	Included	-
NYSTA Utilities within Project.zip	WinZip File	2800 KB	Included	Contains files such as .dgn, .dxf, dwg, and GIS shape files.
TZB Utility Shapes File Transfer 11-23-11.zip	WinZip File	19 KB	Included	Contains GIS shape files.
7-4-3 Utility Co Specifications				Sub-folder added at Addendum #4 (18 May 2012).
Orange & Rockland Utilities Inc - gas welding procedure (2000A).pdf	Portable document format	111 KB	Included	File added at Addendum #4 (18 May 2012)
7-4-4 O&R Utilities				Subfolder added to Folder 7-4 (Existing Utilities) at Addendum #8 (29 June 2012)
7-4-4-1 SKMBT_60012032213000 - Letter to NYSTA.pdf	Portable document format	2535 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-4-2 3-Section MH N9178S05.pdf	Portable document format	1604 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-4-3 Frame & Cover N9178S04.pdf	Portable document format	545 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-4-4 N9178S01.pdf	Portable document format	1150 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-4-5 N9178S06.pdf	Portable document format	991 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-4-6 Standard MH N9178S02.pdf	Portable document format	1155 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)

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File Name	File Type	File Size	Status	Notes
7-4-5 Verizon				Subfolder added to Folder 7-4 (Existing Utilities) at Addendum #8 (29 June 2012)
7-4-5-1 Dirt Trench Section.pdf	Portable document format	943 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-5-2 MH 12x6 Plan.pdf	Portable document format	924 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-5-3 MH 12x6 Section.pdf	Portable document format	991 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-5-4 NYS-Trench Section.pdf	Portable document format	963 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-5-5 Polebend.pdf	Portable document format	917 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-5-6 Typical Trench Section in Pavement.pdf	Portable document format	931 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
7-4-6 Orangetown sewer				Subfolder added to Folder 7-4 (Existing Utilities) at Addendum #8 (29 June 2012)
7-4-6-1 Future Piermont Ave Sewer Improvements.pdf	Portable document format	485 KB	Included	File added to Part 7 at Addendum #8 (29 June 2012)
5 - Geotechnics & Foundations				
File Name	File Type	File Size	Status	Notes
Tappan Zee - Geotechnical Data Report (2002-2007) MRCE.pdf	Portable document format	4179 KB	Included	-
Ground Investigation 2012 Factual Data Report	Zip file	n/a	Included	Ground investigation factual report comprising report document (pdf format) and electronic data files (Excel® format). Report added at Addendum #6 (15 June 2012)
	Portable document format	135 KB	Included	FILENAME: "Erratum sheet GS-4N (page 28 of 4149) Addendum#10 (18July2012).pdf" Erratum to Tappan Zee ground investigation report. Provided in Addendum #10 (18 July 2012). INSTRUCTIONS FOR USE: revised Sheet GS-4N (Rev 1; dated 7-16-2012) replaces original Sheet GS-4N (at pdf page 28 of 4149 pages; originally provided in Addendum #6) in the Tappan Zee ground investigation report file "Ground Investigation 2012 Factual Data Report.pdf"
Ground Investigation 2012 Factual Data Report - Supplement A.pdf	Portable document format	88KB	Included	Supplement to 2012 ground investigation factual report, comprising results of soil corrosivity testing. Report added at Addendum #8 (29 June 2012)
TZ PIDP Acoustic Monitoring Comprehensive Report v1-1 (2012).pdf	Portable document format	12,228 MB	Included	Report on the underwater acoustic monitoring of the Tappan Zee 2012 pile installation demonstration program (PIDP). Report added at Addendum #9 (13 July 2012)
TZ Pile Installation Demonstration Program PIDP 2012 Factual Report	Zip file	n/a	Included	Factual report on the Tappan Zee 2012 pile installation demonstration program (PIDP). Report added at Addendum #9 (13 July 2012)
6 - Intelligent Transportation Systems Data				
File Name	File Type	File Size	Status	Notes
7-6-1 PDFs				
HAR-AA SYSTEM DESIGN.pdf	Portable document format	7303 KB	Included	-
HAR-TR6000 Transmitter with GPS Sync.vsd.pdf	Portable document format	94 KB	Included	-
New HAR Antenna Tuner and Enclosure.pdf	Portable document format	4197 KB	Included	-
Quick Setup MDX1600 Compressor Limiter.pdf	Portable document format	547 KB	Included	-
VISIO-HAR Head-End Audio Distribution.pdf	Portable document format	123 KB	Included	-
VISIO-HAR System Block Diagram.pdf	Portable document format	267 KB	Included	-
7-6-2 Drawing Files				
ANTENNA 1 GROUND MOUNT WHIP.dwg	AutoCAD Drawing	307 KB	Included	-
ANTENNA 2 POLE CANOPY MOUNT.dwg	AutoCAD Drawing	402 KB	Included	-
ANTENNA 2 POLE GROUND MOUNT.dwg	AutoCAD Drawing	325 KB	Included	-
SIGN CONTROL AC WIRING.dwg	AutoCAD Drawing	333 KB	Included	-
SIGN CONTROL SOLAR WIRING.dwg	AutoCAD Drawing	341 KB	Included	-
SIGN CONTROLLER BACKPLANE.dwg	AutoCAD Drawing	348 KB	Included	-
SIGN CONTROLLER DETAILS.dwg	AutoCAD Drawing	339 KB	Included	-
TRANSMITTER.dwg	AutoCAD Drawing	243 KB	Included	-

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File Name	File Type	File Size	Status	Notes
7 - Mapping & Topographic Survey Data				
File Name	File Type	File Size	Status	Notes
1. Bridge_Crossing.pdf	Portable document format	5203 KB	Included	Example compiled mapping image.
2. Rockland Aerial with Updated Mapping.pdf	Portable document format	11811 KB	Included	Example compiled mapping image.
3. Rockland County Bridge Approach.pdf	Portable document format	6277 KB	Included	Example compiled mapping image.
4. Westchester Aerial with Updated Mapping.pdf	Portable document format	17556 KB	Included	Example compiled mapping image.
5. Westchester County Bridge Approach.pdf	Portable document format	2204 KB	Included	Example compiled mapping image.
6. Westchester Landing_1.pdf	Portable document format	2823 KB	Included	Example compiled mapping image.
8TZ100_cor_mem_pho_20111213_001.pdf	Portable document format	169 KB	Included	NYSDOT Photogrammetry Section Transmittal E-mail to Region - Priority 1 and 2 - Westchester County - December 13 2011
8TZ100_cor_mem_pho_20111213_002.pdf	Portable document format	81 KB	Included	NYSDOT Photogrammetry Section Transmittal Memo to Region - Priority 1 and 2 - Westchester County - December 13 2011
8TZ100_cor_mem_pho_20111220_001.pdf	Portable document format	168 KB	Included	NYSDOT Photogrammetry Section Transmittal E-mail to Region - Priority 1 - Rockland County - December 20 2011
8TZ100_cor_mem_pho_20111220_002.pdf	Portable document format	81 KB	Included	NYSDOT Photogrammetry Section Transmittal Memo to Region - Priority 1 - Rockland County - December 20 2011
8TZ100_cor_mem_pho_20120120_001.pdf	Portable document format	171 KB	Included	NYSDOT Photogrammetry Section Transmittal E-mail to Region - Priority 1 and 2 - Westchester County - January 20 2012
8TZ100_cor_mem_pho_20120120_002.pdf	Portable document format	72 KB	Included	NYSDOT Photogrammetry Section Transmittal Memo to Region - Priority 1 and 2 - Westchester County - January 20 2012
8TZ100_cor_mem_pho_20120124_001.pdf	Portable document format	196 KB	Included	NYSDOT Photogrammetry Section Transmittal E-mail to Region - Priority 1 and 2 - Rockland County - January 24 2012
8TZ100_cor_mem_pho_20120124_002.pdf	Portable document format	70 KB	Included	NYSDOT Photogrammetry Section Transmittal Memo to Region - Priority 1 and 2 - Rockland County - January 24 2012
8tz100_cph_sur_tbl.dgn	Bentley Microstation Design	135 KB	Included	NYSDOT GROUND SURVEY -H&V- CONTROL NETWORK REF STATIONS & SECONDARY BM'S Scale 1"=40'
8TZ100_dat_pho_20111213.pdf	Portable document format	639 KB	Included	NYSDOT Photogrammetry Section Project Information - Priority 1 and 2 - Westchester County - December 13 2011
8TZ100_dat_pho_20111220.pdf	Portable document format	833 KB	Included	NYSDOT Photogrammetry Section Project Information - Priority 1 - Rockland County - December 20 2011
8TZ100_dat_pho_20120120.pdf	Portable document format	847 KB	Included	NYSDOT Photogrammetry Section Project Information - Priority 1 and 2 - Westchester County - January 20 2012
8TZ100_dat_pho_20120124.pdf	Portable document format	986 KB	Included	NYSDOT Photogrammetry Section Project Information - Priority 1 and 2 - Rockland County - January 24 2012
8TZ100_img_ort_pho_pbm_001.tfw	TFW file	1 KB	Included	NYSDOT Georeference - world - for Photogrammetry Orthoimage - Priority 1 and 2 - Westchester County
8TZ100_img_ort_pho_pbm_001.tif	TIFF image	389712 KB	Included	NYSDOT Photogrammetry Orthoimage - Priority 1 and 2 - Westchester County
8TZ100_img_ort_pho_pbm_002.tfw	TFW file	1 KB	Included	NYSDOT Georeference - world - for Photogrammetry Orthoimage - Priority 1 - Rockland County
8TZ100_img_ort_pho_pbm_002.tif	TIFF image	140962 KB	Included	NYSDOT Photogrammetry Orthoimage - Priority 1 - Rockland County
8TZ100_img_ort_pho_pbm_003.tfw	TFW file	1 KB	Included	NYSDOT Georeference - world - for Photogrammetry Orthoimage - Priority 1 and 2 - Rockland County
8TZ100_img_ort_pho_pbm_003.tif	TIFF image	414151 KB	Included	NYSDOT Photogrammetry Orthoimage - Priority 1 and 2 - Rockland County
8TZ100_img_pho_dop_20111213.jpg	JPEG image	1133 KB	Included	NYSDOT Overview Illustration of NYSDOP Orthoimage Tile Mosaics - Rockland County and Westchester County - December 13 2011
8TZ100_img_pho_pmi_20111213.jpg	JPEG image	1012 KB	Included	NYSDOT Illustration of 2D Mapping and Orthoimage - Priority 1 and 2 - Westchester County - December 13 2011
8TZ100_img_pho_pmi_20111220.jpg	JPEG image	1206 KB	Included	NYSDOT Illustration of 2D Mapping and Orthoimage - Priority 1 - Rockland County - December 20 2011
8TZ100_img_pho_pmi_20120120.jpg	JPEG image	1070 KB	Included	NYSDOT Illustration of Mapping and Orthoimage - Priority 1 and 2 - Westchester County - January 20 2012
8TZ100_img_pho_pmi_20120124.jpg	JPEG image	1918 KB	Included	NYSDOT Illustration of Mapping and Orthoimages - Priority 1 and 2 - Rockland County - January 24 2012
8TZ100_map_pho_a_2dm_usc.dgn	Bentley Microstation Design	7563 KB	Included	NYSDOT Photogrammetry 2D base mapping - Priority 1 and 2 - Westchester County Scale 1"=40'
8TZ100_map_pho_a_2dm_usc.pdf	Portable document format	3372 KB	Included	-
8TZ100_map_pho_a_pbm_brd_usc.dtm	Bentley Inroads Design	67 KB	Included	NYSDOT Photogrammetry DTM - bridge decks - Priority 1 and 2 - Westchester County Scale 1"=40'
8TZ100_map_pho_a_pbm_obs_usc.dtm	Bentley Inroads Design	18586 KB	Included	NYSDOT Photogrammetry DTM - triangles excluded from obstructed areas - Airborne and Terrestrial LiDAR - Priority 1 and 2 - Westchester Scale 1"=40'
8TZ100_map_pho_a_pbm_usc.dgn	Bentley Microstation Design	20285 KB	Included	NYSDOT Photogrammetry 3D base mapping and DTM features - Airborne and Terrestrial LiDAR - Priority 1 and 2 - Westchester County Scale 1"=40'
8TZ100_map_pho_a_pbm_usc.dtm	Bentley Inroads Design	18496 KB	Included	NYSDOT Photogrammetry DTM - triangles included in obstructed areas - Airborne and Terrestrial LiDAR - Priority 1 and 2 - Westchester Scale 1"=40'
8TZ100_map_pho_b_2dm_usc.dgn	Bentley Microstation Design	3520 KB	Included	NYSDOT Photogrammetry 2D base mapping - Priority 1 - Rockland County Scale 1"=40'
8TZ100_map_pho_b_2dm_usc.pdf	Portable document format	1567 KB	Included	-
8TZ100_map_pho_b_pbm_brd_usc.dtm	Bentley Inroads Design	88 KB	Included	NYSDOT Photogrammetry DTM - bridge decks - Terrestrial LiDAR - Priority 1 - Rockland County Scale 1"=40'
8TZ100_map_pho_b_pbm_obs_usc.dtm	Bentley Inroads Design	10423 KB	Included	NYSDOT Photogrammetry DTM - triangles excluded from obstructed areas - Airborne and Terrestrial LiDAR - Priority 1 - Rockland County Scale 1"=40'

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File Name	File Type	File Size	Status	Notes
8TZ100_map_pho_b_pbm_usc.dgn	Bentley Microstation Design	8566 KB	Included	NYSDOT Photogrammetry 3D base mapping and DTM features - Airborne LIDAR and Terrestrial LIDAR - Priority 1 - Rockland County Scale 1"=40'
8TZ100_map_pho_b_pbm_usc.dtm	Bentley Inroads Design	10403 KB	Included	NYSDOT Photogrammetry DTM - triangles included in obstructed areas - Airborne and Terrestrial LiDAR - Priority 1 - Rockland County Scale 1"=40'
8tz100_map_sur_blt_stationed_points.dgn	Bentley Microstation Design	73 KB	Included	NYSDOT GROUND SURVEY -H- STATIONED BL TIES 480:1
8tz100_map_sur_bm.dgn	Bentley Microstation Design	102 KB	Included	NYSDOT GROUND SURVEY -V- SECONDARY BM TIES Scale 1"=40'
8tz100_map_sur_courts_aps.dgn	Bentley Microstation Design	81 KB	Included	-
8tz100_map_sur_diagram.dgn	Bentley Microstation Design	50 KB	Included	NYSDOT GROUND SURVEY -H- STATIONED BL DIAGRAM Scale 1"=40'
8TZ100_ROW.dgn	Bentley Microstation Design	465 KB	Included	-
8tz100us_map_sur_tbl.dgn	Bentley Microstation Design	87 KB	Included	NYSDOT GROUND SURVEY -H- PRIMARY & CONTROL NETWORK REF STATIONS Scale 1"=40'
7-7-1 Right-of-Way Drawing Files				
TZHRC Fee and Easement Limits 02-21-2012.dgn	Bentley Microstation Design	271 KB	DELETED	File deleted from RFP at Addendum #4 (18 May 2012)
TZHRC Roadbed Improvement Areas 02-21-2012.dgn	Bentley Microstation Design	240 KB	DELETED	File deleted from RFP at Addendum #4 (18 May 2012)
TZHRC ROW Limits.dgn	Bentley Microstation Design	277 KB	Included	Amended at Addendum #4 (18 May 2012). Amended file supplied as filename "TZHRC ROW Limits [Addendum#4 18May2012].dgn"
2012-05-18 TZHRC Fee and Easement Limits.dgn	Bentley Microstation Design	272 KB	Included	File added to RFP at Addendum #4 (18 May 2012)
2012-05-18 TZHRC Roadbed Improvement Areas.dgn	Bentley Microstation Design	248 KB	Included	File added to RFP at Addendum #4 (18 May 2012)
8 - Metro North Insurance & Certification Specifications				
File Name	File Type	File Size	Status	Notes
MetroNorth-ForceAccountEstimate.xlsx	Microsoft Office Excel Document	34 KB	Included	-
MetroNorth-Entry Permit Process.doc	Microsoft Office Word Document	1445 KB	Included	-
MetroNorth-Insurance forms 9-15-08.doc	Microsoft Office Word Document	156 KB	Included	-
MetroNorth-Insurance Guidelines 9-15-08.doc	Microsoft Office Word Document	255 KB	Included	-
9 - Uniform Hazard Spectra				
File Name	File Type	File Size	Status	Notes
Part 7 Engineering Data - Section 9 Hazard Spectra - Addendum #1.pdf	Portable document format	195 KB	Included	Revised at Addendum #1. Revision to Section 2.0 paragraph 5.
10 - Shipping Impact Data				
File Name	File Type	File Size	Status	Notes
Hudson River Vessel Trip Numbers - Spuyten Duyvil Creek to Waterford.xls	Microsoft Office Excel Worksheet	26 KB	Included	-
TZB Ship Impact Assessment 3(a) issue to NY.xls	Microsoft Office Excel Worksheet	91 KB	Included	-
TZB Ship Impact Assessment 4(rev2) issue to NY.xls	Microsoft Office Excel Worksheet	290 KB	Included	-
11 - State Police Drawings & Specifications				
File Name	File Type	File Size	Status	Notes
7-11-1 Buffalo SP				
TAB09-55A Buffalo SP Drawings.pdf	Portable document format	26441 KB	Included	-
Buffalo SP Specifications.zip	WinZip File	2485 KB	Included	-
7-11-2 Dunkirk SP				
TAB01-30A Dunkirk SP Drawings.pdf	Portable document format	27151 KB	Included	-
Dunkirk SP Specifications.zip	WinZip File	622 KB	Included	-
12 - Third Party Agreements				
File Name	File Type	File Size	Status	Notes
NYSTA T1U014116 - Verizon New York.pdf	Portable document format	456 KB	Included	-
NYSTA T1U040002 - Omnipoint Communications.pdf	Portable document format	436 KB	Included	-
NYSTA T1U040003 - Sprint Spectrum LP.pdf	Portable document format	439 KB	Included	-
NYSTA T1U080018 - Metro PCS.pdf	Portable document format	450 KB	Included	-
NYSTA T1U110002 - Fiber Technologies Networks, LLC.pdf	Portable document format	441 KB	Included	-
NYSTA T1U110003 - Fiber Technologies Networks, LLC.pdf	Portable document format	442 KB	Included	-
NYSTA T1U742304 - Town of Orangetown.pdf	Portable document format	460 KB	Included	-
NYSTA T1U742321 - Westchester County DEC.pdf	Portable document format	419 KB	Included	-
NYSTA T1U813095 - Village of Tarrytown.pdf	Portable document format	410 KB	Included	-
NYSTA T1U843186 - Dachnowicz Automotive.pdf	Portable document format	429 KB	Included	-
NYSTA T1W100059 - Qwest Communications.pdf	Portable document format	455 KB	Included	-
NYSTA T1W110033 - Nicholas P. Pucino.pdf	Portable document format	462 KB	Included	-
NYSTA T1W110050 - Schupp's Line Construction, Inc.pdf	Portable document format	451 KB	Included	-
NYSTA T1W110054 - Tennessee Gas Pipeline Company.pdf	Portable document format	478 KB	Included	-
G4S-NYSTA fiber optic (excerpts).pdf	Portable document format	645 KB	Included	DOCUMENT ADDED TO PART 7 AT ADDENDUM #8 (29 JUNE 2012)

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File Name	File Type	File Size	Status	Notes
13 - Toll Plaza Data				
File Name	File Type	File Size	Status	Notes
7-13-1 Existing TZB Secure Access Requirements				
TZB Secure Access Requirements 02-03-2012.pdf	Portable document format	68978 KB	Included	-
7-13-2 Existing TZB Toll Utility Building				
Current Floor Plan Layout.pdf	Portable document format	554 KB	Included	-
Existing Toll Plaza Rehab-1985 Part 1.pdf	Portable document format	49432 KB	Included	-
Existing Toll Plaza Rehab-1985 Part 2.pdf	Portable document format	47271 KB	Included	-
TANY96-9 Canopy Extension	Portable document format	6172 KB	Included	-
7-13-3 Newburgh Toll Plaza				
TANY04-37A 001-005 Index	Portable document format	6180 KB	Included	-
TANY04-37A 489-549 Toll Utility Building	Portable document format	53099 KB	Included	-
TANY04-37A 550-626 Exiting Canopy	Portable document format	68250 KB	Included	-
TANY04-37A 627-706 Entering Canopy	Portable document format	70360 KB	Included	-
TANY04-37A 707-732 Toll Plaza Walkways	Portable document format	20323 KB	Included	-
TANY04-37A 733-764 Toll Plaza Islands & Tollbooths	Portable document format	25712 KB	Included	-
7-13-4 Standard Toll Booth Plans				
Standard Toll Booth Plans (TAA01-54A Selkirk Maintenance Yard)	Portable document format	9168 KB	Included	-
7-13-5 Toll Drawings and Specifications				
TCSR AVC Laser Scanner.pdf	Portable document format	2143 KB	Included	-
TCSR AVC Manufacturer's User Guide.pdf	Portable document format	944 KB	Included	-
TCSR IDIRIS Installation.pdf	Portable document format	144 KB	Included	-
TCSR Loop Detector Installation.pdf	Portable document format	18 KB	Included	-
TCSR ORT Lanes Elevation View.pdf	Portable document format	39 KB	Included	-
TCSR ORT Lanes Top View (REV A).pdf	Portable document format	57 KB	Included	DOCUMENT REVISED (REV A) AT ADDENDUM #8 (29 JUNE 2012)
TCSR Toll Plaza Lanes Top View (REV A).pdf	Portable document format	73 KB	Included	DOCUMENT REVISED (REV A) AT ADDENDUM #8 (29 JUNE 2012)
TCSR Treadle Frame Installation.pdf	Portable document format	18 KB	Included	-
TCSR TZ Responsibility Matrix (REV A).pdf	Portable document format	13 KB	Included	DOCUMENT REVISED (REV A) AT ADDENDUM #9 (13 JULY 2012)
VES (Pulnix) Strobe Mountings.pdf	Portable document format	810 KB	Included	-
7-13-6 Toll Plaza System Requirements				
TZB Lane Closure Requirements.pdf	Portable document format	7 KB	DELETED	FILE DELETED FROM RFP AT ADDENDUM #3 (4 May 2012)
TZB Toll Collection System Requirements (REV C).pdf	Portable document format	45 KB	Included	DOCUMENT REVISED (REV C) AT ADDENDUM #9 (13 JULY 2012)
TZB TUB Space Requirements.pdf	Portable document format	19 KB	Included	-
Toll Plaza Operations during Construction (Addendum #3).pdf	Portable document format	54 KB	DELETED	FILE ADDED TO RFP AT ADDENDUM #3 (4 May 2012) FILE DELETED AT ADDENDUM #5 (1 June 2012) AND MAIN CONTENT TRANSFERRED TO PART 3 PROJECT REQUIREMENT 26 - TOLL PLAZA.
7-13-7 Woodbury Toll Plaza				
TCSR Woodbury As-Built Drawings.pdf	Portable document format	4110 KB	Included	-
TCSR Woodbury Drawings.pdf	Portable document format	37259 KB	Included	-
TCSR Woodbury E-ZPass Equipment Supports.pdf	Portable document format	81 KB	Included	-
TCSR Woodbury Specifications.pdf	Portable document format	3277 KB	Included	-
14 - USACE Regulated Wetlands Data				
File Name	File Type	File Size	Status	Notes
USACERegulated Wetlands_Upland_20111019.dbf	GIS Shape File - DBF File	7 KB	Included	-
USACERegulated Wetlands_Upland_20111019.prj	GIS Shape File - PRJ File	1 KB	Included	-
USACERegulated Wetlands_Upland_20111019.sbn	GIS Shape File - SBN File	1 KB	Included	-
USACERegulated Wetlands_Upland_20111019.sbx	GIS Shape File - SBX File	1 KB	Included	-
USACERegulated Wetlands_Upland_20111019.shp	GIS Shape File - SHP File	2 KB	Included	-
USACERegulated Wetlands_Upland_20111019.shp.xml	GIS Shape File - XML Document	29 KB	Included	-
USACERegulated Wetlands_Upland_20111019.shx	GIS Shape File - SHX File	1 KB	Included	-
8tz100_map_sur_wetlands.alg	Bentley InRoads ALG file	17 KB	Included	Westchester wetland area surveyed by NYSDOT. File added at Addendum #4 (18 May 2012)
8tz100_map_sur_wetlands.dgn	Bentley Microstation Design	82 KB	Included	Westchester wetland area surveyed by NYSDOT. File added at Addendum #4 (18 May 2012)
8tz100_map_sur_wetlands.html	HTML file	13 KB	Included	Westchester wetland area surveyed by NYSDOT. File added at Addendum #4 (18 May 2012)

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File Name	File Type	File Size	Status	Notes
15 - Visualization Backgrounds				
File Name	File Type	File Size	Status	Notes
Visualization Backgrounds Image Information Index.pdf	Portable document format	29 KB	Included	-
7-15-1 Visualizaton Backgrounds				
A1_Rockland_Lake_Park.JPG	JPEG image	2954 KB	Included	-
A6.jpg	JPEG image	52 KB	Included	-
A6_Irvington Historic District.jpg	JPEG image	8686 KB	Included	-
A7.jpg	JPEG image	52 KB	Included	-
A7_Lyndhurst_Winter.jpg	JPEG image	5529 KB	Included	-
A8.jpg	JPEG image	58 KB	Included	-
A8_LoseePark_Existing.jpg	JPEG image	7501 KB	Included	-
B3.jpg	JPEG image	1064 KB	Included	-
B3_BightLane.jpg	JPEG image	12913 KB	Included	-
B11.jpg	JPEG image	46 KB	Included	-
B11_74RiverRd.jpg	JPEG image	6155 KB	Included	-
B15.jpg	JPEG image	45 KB	Included	-
B15_135 River Rd.jpg	JPEG image	802 KB	Included	-
B17.jpg	JPEG image	47 KB	Included	-
B17_Lighthouse.jpg	JPEG image	11936 KB	Included	-
16 - High Wind Restrictions & Procedures				
File Name	File Type	File Size	Status	Notes
TZB High Wind Restrictions & Procedures.pdf	Portable document format	58 KB	Included	-
17 - Rockland Survey				
File Name	File Type	File Size	Status	Notes
8TZ100_cor_mem_pho_20120403_001.pdf	Portable document format	194 KB	Included	NYSDOT Photogrammetry Section e-mail to Region. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_cor_mem_pho_20120403_002.pdf	Portable document format	68 KB	Included	NYSDOT Photogrammetry Section memorandum to Region. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_dat_pho_20120403.pdf	Portable document format	1037 KB	Included	NYSDOT Photogrammetry Section - project information. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_img_pho_pmi_20120403_001.jpg	JPEG image	1431 KB	Included	NYSDOT overview illustration of NYSDOP orthoimage tile mosaics Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_img_pho_pmi_20120403_002.jpg	JPEG image	2043 KB	Included	NYSDOT overview illustration of NYSDOP orthoimage tile mosaics Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_map_pho_c_pbm_brd_usc.dtm	Bentley Inroads Design	53 KB	Included	NYSDOT Photogrammetry DTM - triangles included in obstructed areas - airborne and terrestrial LiDAR. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_map_pho_c_pbm_obs_usc.dtm	Bentley Inroads Design	10982 KB	Included	NYSDOT Photogrammetry 3D base mapping and DTM features - airborne and terrestrial LiDAR - Rockland County (scale 1"=40') Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_map_pho_c_pbm_usc.dgn	Bentley MicroStation Design	8566 KB	Included	NYSDOT Photogrammetry DTM - triangles included in obstructed areas - airborne and terrestrial LiDAR. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
8TZ100_map_pho_c_pbm_usc.dtm	Bentley Inroads Design	10861 KB	Included	NYSDOT Photogrammetry DTM - triangles included in obstructed areas - airborne and terrestrial LiDAR. Survey of Rockland area, to west of Project Limits. File added to RFP Part 7 at Addendum #1.
18 - Dredging prism drawings and CADD shapes				
File Name	File Type	File Size	Status	Notes
2012-02-09_Dredging Set Rev G.pdf	Portable document format	17090 KB	Included	Dredging prism used in Agencies' Section 103 HARS permit application. File added to RFP Part 7 at Addendum #1.
dredging-outline-combined.dgn	Bentley MicroStation Design	257 KB	Included	Dredging prism used in Agencies' Section 103 HARS permit application. File added to RFP Part 7 at Addendum #1.

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File Name	File Type	File Size	Status	Notes
19 - Environmental investigations				
File Name	File Type	File Size	Status	Notes
TZB Phase II Report_FINAL_Combined_052512.pdf	Portable document format	16278 KB	Included	Phase II environmental investigation (May 2012), including the existing Tappan Zee Bridge and adjacent upland areas in Rockland and Westchester Counties. File added to RFP Part 7 at Addendum #6.

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