NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING

ALBANY, NY FEBRUARY 14, 2024

AMENDMENT NO. 2 TO

CONTRACT TANY 24-8
D214964
2" MILL AND INLAY, SAFETY
IMPROVEMENTS AND MISCELLANEOUS WORK
BETWEEN MILEPOST 47.6+/- AND MILEPOST 60.1+/IN THE NEW YORK DIVISION
OF THE NEW YORK STATE THRUWAY
IN ORANGE COUNTY

IN THE LETTING OF

FEBRUARY 21, 2024

NOTE: This amendment shall be attached to and become a part of the Proposal for Contract TANY 24-8.

NOTICE

For Electronic Bidders, the Project's amended EBSX file will automatically account for any necessary item changes (deletions, changes in quantities, or additions) that this Amendment may describe as being required regarding the project's estimated cost. Instructions to make physical changes to the Project Proposal's bid sheets are intended for "paper" Bidders who choose to submit bids via paper.

Questions and Answers for this project are available from the Authority's website, specifically at: http://www.thruway.ny.gov/netdata/contractors/documents/d214964_tany24-8_questions-and-answers-02-14-2024.pdf. This document may be updated periodically without formal issuance of an Amendment. Prospective bidders are advised to revisit this link weekly and before proposals are due, for any possible additional questions and answers information.

Additional Supplemental Information for this project is now available from the Authority's website, specifically at: http://www.thruway.ny.gov/netdata/contractors/documents/d214964_tany24-8_supplemental-information-02-14-2024.zip

The revised quantity workups to reflect the changes as mentioned below are now available and are being provided as <u>additional</u> supplemental information.

PROPOSAL

1. **CHANGE** the estimated quantity for the following Items:

Contract Proposal Page	<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	Initial Estimated Quantity	Revised Estimated Quantity
219	203.02	Unclassified Excavation and Disposal	CY	23,218	4,433
220	404.197901	19 F9 Binder Course Asphalt, 70 Series Compaction	Ton	21,880	15,614
221	606.10	Box Beam Guide Railing	LF	3,960 (A1)	3,996
223	606.3062	Single-Slope Concrete Half Section Barrier (Precast)	LF	330	260
229A-A1	606.58	Resetting HPBO (Mod.) Corrugated Beam Guiderailing	LF	400	439
224	606.71	Removing and Disposing Corrugated Beam Guide Railing	LF	8,364 (A1)	8,392
224	606.73	Removing and Disposing Concrete Barrier	LF	812 (A1)	821
224	606.75	Removing and Disposing Concrete Barrier	LF	832.5 (A1)	742.5

The "paper" Bidder shall <u>CROSS OUT</u> the estimated quantity shown for these items in the Contract Proposal, <u>WRITE IN</u> the revised estimated quantity, and submit its bid based on the noted changes. If the Bidder fails to make these changes, the Authority will do so and adjust the BID AMOUNT for the items and TOTAL BID, accordingly. Reference to "A1" in the above table is identifying that the original initial estimated quantity had been previously changed in Amendment #1.

PLANS

- 2. <u>DELETE</u> Drawing Number GR-1, Sheet 12-A1 of 108, and <u>SUBSTITUTE</u> with the attached Drawing Number GR-1, Sheet 12-A2 of 108. Various item quantities have been updated.
- **DELETE** Drawing Number GR-2, Sheet 13-A1 of 108, and **SUBSTITUTE** with the attached Drawing Number GR-2, Sheet 13-A2 of 108. Various item quantities have been updated.
- **DELETE** Drawing Number GR-4, Sheet 15-A1 of 108, and **SUBSTITUTE** with the attached Drawing Number GR-4, Sheet 15-A2 of 108. Various item quantities have been updated.
- 5. On Drawing Number PDR-27, Sheet 47 of 108, <u>DELETE</u> reference to "27" on the upper right-hand corner of the drawing and <u>REPLACE</u> with "47". This was as simple typographical error.
- **6. <u>DELETE</u>** Drawing Number MD-5, Sheet 64-A1 of 108, and **<u>SUBSTITUTE</u>** with the attached Drawing Number MD-5, Sheet 64-A2 of 108. The proposed Northbound right Pleasant Hill Rd. concrete barrier has been changed to "EXISTING TO REMAIN".

- 7. <u>DELETE</u> Drawing Number GP-15, Sheet 86-A1 of 108, and <u>SUBSTITUTE</u> with the attached Drawing Number GP-15, Sheet 86-A2 of 108. The proposed Northbound right Pleasant Hill Rd. concrete barrier has been changed to "EXISTING TO REMAIN".
- 8. On Drawing Number GP-29, Sheet 100-A1 of 108, <u>DELETE</u> reference to "90" in the on the upper right-hand corner of the drawing where it currently reads "THIS SHEET SUPERSEDES SHEET 90" and <u>REPLACE</u> with "100", so it reads "THIS SHEET SUPERSEDES SHEET 100", instead. This was an inadvertent typographical error. In addition, <u>ADD</u> an "A1" after "100" on the same upper right-hand corner to denote that Sheet 100-A1 is an amended sheet. The dash is omitted only because of space limitations.

The Bidder <u>MUST</u> complete <u>Page 244</u> of the Proposal acknowledging receipt of this amendment. If the Bidder fails to complete the "Amendment Acknowledgement" sheet, his bid could be declared informal thereby delaying award of the contract.

PLEASE BE GOVERNED ACCORDINGLY WHEN SUBMITTING BIDS.

Brent Howard, P.E. Chief Engineer

GUIDE RAIL TABLE - SOUTHBOUND

# G B	M.P. FROM APPROX.	STATION FROM APPROX.	STATION TO APPROX.	DIRECTION OF TRAVEL (ACCESS FROM)	ITEM 606.10 (LF)	ITEM 606.120101 (EA)	ITEM 606.17 (LF)	ITEM 606.18 (LF)	ITEM 606.27 (EA)	ITEM 606.2701 (LF)	ITEM 606.270101 (LF)	ITEM 606.2704 (EA)	ITEM 606.3042 (LF)	ITEM 606.3062 (LF)	ITEM 606.5501 (LF)	ITEM 606.59200125 (EA)	ITEM 606.6911 (EA)	ITEM 606.6941 (EA)	ITEM 606.71 (LF)	ITEM 606.7101 (LF)	ITEM 606.72 (LF)	ITEM 606.73 (LF)	ITEM 606.75 (LF)	ITEM 606.7910 (EA)	ITEM 606.8803 (EA)	ITEM 606.8902 (EA)	ITEM 606.8905 (EA)	ITEM 606.8906 (EA)	ITEM 606.92010125 (EA)
	50.00	4400.00	1100.00	CD DT																								<u> </u>	
12	50.98 51.97	1182+92 1234+88	1182+92 1232+36	SB RT SB RT	252	1										1						252						<u> </u>	
12	52.00	1234+88	1232+30	SB RT	232	'										1						232							
13	52.00	1247+96	1248+46	SB LEFT												1											1		
14	52.56	1266+38	1267+91	SB LEFT									100.0								153			1			'	1	
14	52.56	1266+40	1267+25	SB RT									100.0	60							133	121	85		2				
14	52.66	1271+41	1271+41	SB RT										- 00		1													
15	53.10	1294+62	1296+20	SB LEFT									110.0								158			1				1	
15	53.10	1294+75	1295+60	SB RT									110.0	70							130	112	85		1				
23-24	56.61	1480+32	1495+50	SB LEFT			1518							,,,							1510								
24	56.90	1495+50	1509+33	SB LEFT				1383											1383										
24	57.16	1509+85	1510+35	SB LEFT					1	50							1		50		50					1			
28	58.03	1555+00	1555+00	SB LEFT																									8
28	58.14	1561+00	1560+50	SB RT											6														
30	58.91	1601+65	1591+15	SB RT																									50
31	59.18	1616+00	1608+20	SB RT																									50
	Back	EQUALITY	1617+47.17																										
	Ahead	EQUALITY	1612+38.75																										
32	59.77	1642+10	1637+00	SB RT																									50
32	59.80	1643+56	1645+16	SB LEFT									110								160			1				1	
32	59.80	1643+55	1644+45	SB RT										70.0								112	90		1				
33	60.00	1654+09	R2 3+05	SB D-RAMP LEFT							43.75	1						1		143.75									
				TOTAL:	252	1	1518	1383	1	50	44	1	320	200	6	3	1	1	1433	144	2031	597	260	3	4	1	1	3	158

ITEM	DESCRIPTION	QUAN.
606.10	BOX BEAM GUIDE RAILING	LF
606.120101	BOX BEAM END PIECE	EA
606.17	CORRUGATED BEAM MEDIAN BARRIER	LF
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF
	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	
606.27	END TERMINAL (ENERGY-ABSORBING)	EA
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.270101	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING (SHOP CURVED)	LF
	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM GUIDE	
606.2704	RAILING BURIED IN BACK SLOPE	EA
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.51	RESETTING CORRUGATED BEAM GUIDE RAILING	LF
	RESETTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM	
606.5501	GUIDE RAILING (NEW 12 INCH BLOCKOUTS)	LF
	RESETTING END TERMINALS FOR BOX BEAM GUIDE RAILING	
606.59200125	AND MEDIAN BARRIER	EA
	REMOVING AND STORING WEAK-AND HEAVY-POST CORRUGATED	
606.6911	BEAM TERMINALS	EA
	REMOVING AND STORING ANCHORAGE UNITS FOR HEAVY POSTS	
606.6941	BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	EA

ITEM	DESCRIPTION	QUAN.
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED	
606.7101	BEAM GUIDE RAILING	LF
606.72	REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED	
606.7910	BEAM GUIDE RAILING AND MEDIAN BARRIER	EA
	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE	
606.8803	HALF SECTION CONCRETE BARRIER (ONE OR TWO WAY OPERATION)	EA
	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE	
606.8902	RAILING TO WEAK POST CORRUGATED BEAM GUIDE RAILING	EA
	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED	
606.8905	BEAM MEDIAN BARRIER TO WEAK POST CORRUGATED BEAM MEDIAN BARRIER	EA
	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM	
606.8906	MEDIAN BARRIER TO SINGLE SLOPE CONCRETE MEDIAN BARRIE	EA
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EA

ALTERED ON:	AFFIXED ON: 02/13/2024
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02/13/2024 9:21:14 AM GUIDE RAIL TABLE.dgn

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

	REVISIONS			
DATE	DESCRIPTION	BY	SYM.	

EW YORK ATE OF PORTUNITY.	Thruway	TITLE OF PROJECT PAVEMENT RESURFACING AND SAFETY IMPROVEMENT	TANY 24-
	Authority	LOCATION OF PROJECT NY DIVISION MP 48.0 TO 60.1	DATE: 1/2024
		TITLE OF DRAWING	1/2024
		014105 0444 7404 50	DRAWING NUMBER:
		GUIDE RAIL TABLES	GR-1

THIS SHEET SUPERSEDES SHEET 13 A1. 13 A2

GUIDE RAIL TABLE - NORTHBOUND)
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в # d5	M.P. FROM APPROX.	STATION FROM APPROX.	STATION TO APPROX.	DIRECTION OF TRAVEL (ACCESS FROM)	ITEM 206.05 (EA)	ITEM 606.10 (LF)	ITEM 606.120101 (EA)	ITEM 606.1203 (EA)	ITEM 606.19010025 (LF)	ITEM 606.2701 (LF)	ITEM 606.270101 (LF)	ITEM 606.2703 (EA)	ITEM 606.3042 (LF)	ITEM 606.3062 (LF)	ITEM 606.4818 (EA)	ITEM 606.51 (LF)	ITEM 606.53 (EA)	ITEM 606.58 (LF)	ITEM 606.5801 (LF)	ITEM 606.5920 (EA)	ITEM 606.59200125 (EA)	ITEM 606.71 (LF)	ITEM 606.7101 (LF)	ITEM 606.72 (LF)	ITEM 606.73 (LF)	ITEM 606.75 (LF)	ITEM 606.76 (EA)	ITEM 606.7910 (EA)	ITEM 606.7921 (EA)	ITEM 606.86 (EA)	ITEM 606.8803 (EA)	ITEM 606.8902 (EA)	ITEM 606.8903 (EA)	ITEM 606.8906 (EA)
1	47.91	1020+84	1021+34	NB RT.																		50										1		
1	47.92	1021+34	1021+84	NB RT.																		50								1				
1-3	47.93	1021+84	1052+84	NB RT.					3100														3100											
3	48.52	1053+34	1056+24	NB RT.						290		1										290					1			1				
7	50.31	1147+25	1147+25	NB RT.																	1													
10	51.49	1209+20	1209+26	NB LEFT																													1	
10	51.53	1210+00	1210+06	NB LEFT																													1	
13	52.13	1243+71	1248+10	NB RT.														439																
14	52.54	1265+19	1266+72	NB LEFT									100											153				1					1	1
14	52.55	1265+90	1266+70	NB RT										60											112	80					1			
15	53.06	1292+87	1294+44	NB LEFT									110											157				1					1	1
23-24	56.87	1493+80	1494+55	NB RT												75																		
	Back	EQUALITY	1617+47.17																															
	Ahead	EQUALITY	1612+38.75																															
32	59.77	1642+29	1643+88	NB LEFT									110											159				1						1
32	59.79	1642+75	1643+91	NB RT																											1			
33	59.92	1649+87	R1 0+92	NB D-RAMP RT																	1													
33	59.99	1653+56	R1 3+60	NB D-RAMP LEFT	2						54										1													
33	60.02	1655+15	1655+57	NB RT				1																					1					
33-34	60.04	R1 00+80	R1 05+91	D-RAMP RT													511				1													
34		R1 05+91	R1 06+23	D-RAMP RT																1														
34-35		R1 14+90	R1 34+88	D-RAMP RT		1998																1998												
35		R1 18+04	R1 34+78	D-RAMP LEFT		1746																1746												
35		R1 34+78	R1 35+28	D-RAMP LEFT			1																					1						
35		R1 34+88	R1 35+38	D-RAMP RT			1																					1					-	
36	59.99	1659+05		INT. 17 GANTRY						362.5					3				187.5				375			402.5	3							
																			257.15														-	
				TOTAL:	2	3744	2	1	3100	652.5	54	1	320	60	3	75	511	439	187.5	1	4	4134	3475	469	112	482.5	4	5	1	2	2	1	2	3
	1	1	1	1					5200				5_0		3					ITEM	·	CCDIDIION					,		LOUAN		_	-		

IIEM	DESCRIPTION	QUAN.
206.05	TEST PIT EXCAVATION	EA
606.10	BOX BEAM GUIDE RAILING	LF
606.120101	BOX BEAM END PIECE	EA
606.1203	BOX BEAM END ASSEMBLY, TYPE III	EA
606.19010025	THRIE BEAM RAILING / CORRUGATED BEAM ROCK FENCE	LF
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.270101	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING (SHOP CURVED)	LF
606.2703	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	EA
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
	I-BEAM POSTS FOR EXISTING HEAVY POST BLOCKED-OUT	
606.4818	(MOD.) CORRUGATED BEAM GUIDE RAILING	EA
606.53	RESETTING BOX BEAM GUIDE RAILING	LF
	RESETTING HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED	
606.58	BEAM GUIDE RAILING	LF
	RESETTING HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED	
606.5801	BEAM GUIDE RAILING (NEW POSTS)	LF
606.5920	RESETTING BOX BEAM GUIDE RAILING TURNED DOWN TERMINAL	EA
	RESETTING END TERMINALS FOR BOX BEAM GUIDE RAILING	
606.59200125	AND MEDIAN BARRIER	EA

	1	4	4134	3473	469	112	402.3	4	5	1	_		
[ITEM	DE	SCRIPTION							QUAN.]		
ı	606.71	RE	MOVING AN	D DISPOSI	NG CORRU	GATED BEA	M GUIDE F	RAILING		LF	٦		
Ī		RE	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED										
	606.7101	l BE	AM GUIDE	RAILING						LF			
Ī	606.72	RE	MOVING AN	D DISPOSI	NG CORRU	GATED BEA	M MEDIAN	BARRIER		LF	٦		
Ī	606.73	RE	MOVING AN	D DISPOSI	NG BOX B	EAM GUIDE	RAILING			LF	٦		
Ī	606.75	RE	MOVING AN	D DISPOSI	NG CONCR	ETE BARRI	ER			LF	٦		
Ī		RE	MOVING AN	D DISPOSI	NG OF GU	IDE POSTS	, GUIDE RA	AIL POSTS			٦		
	606.76	AN	ID MEDIAN	BARRIER I	POSTS					EΑ			
Ī		RE	MOVING AN	D DISPOSI	NG ANCHO	RAGE UNIT	S FOR COF	RRUGATED			٦		
	606.7910	BE	AM GUIDE	RAILING A	ND MEDIA	N BARRIER				EΑ			
Ī		RE	MOVING AN	D DISPOSI	NG BOX B	EAM GUIDE	RAILING				٦		
	606.7921	EN	ERGY ABSO	RBING TE	RMINAL					EA			
Ī	606.86	GL	JIDE RAIL	TRANSITIO	N CORRUGA	ATED BEAM	TO THRIE	BE AM.		LF			
		TF	RANSITION I	BETWEEN I	BOX BEAM	GUIDE RAI	L AND SIN	IGLE SLOP	Έ		٦		
	606.8803	H.A	LF SECTIO	N CONCRE	TE BARRIE	R (ONE OR	TWO WAY	OPERATIO	N)	EA			
		TF	RANSITION:	HEAVY PO	STS BLOCK	KED OUT (MOD.) CORR	UGATED B	EAM GUIDE				
	606.8902	R/	ILING TO	WEAK POS	CORRUG#	TED BEAM	GUIDE RA	ILING		EΑ			
		TF	RANSITION:	HEAVY PO	STS BLOCK	KED OUT (MOD.) CORR	UGATED B	EAM GUIDE		٦		
	606.8903	F	RAILING TO	SINGLE S	LOPE CON	CRETE HAL	F SECTION	N BARRIER		EA			
ſ		TF	RANSITION:	HEAVY PO	STS BLOCK	KED OUT (MOD.) CORR	UGATED B	EAM				
Į	606.8906	ME	DIAN BARR	IER TO S	NGLE SLO	PE CONCRE	TE MEDIA	N BARRIE		EA	╛		

	ALTERED ON:	02/13/2024
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DESIGN SUI		058573 POFESSIONAL

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN, ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

		REVISIONS	
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NEW YORK STATE OF OPPORTUNITY. Authority

TITLE OF PROJECT
PAVEMENT RESURFACING
AND SAFETY IMPROVEMENT
LOCATION OF PROJECT
NY DIVISION MP 48.0 TO 60.1

GUIDE RAIL TABLES

GR-2

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ESIGN SUPERVISOR:	
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ITEM	DESCRIPTION	UNITS	GR-1 SOUTHBOUND	GR-2 NORTHBOUND	GR-3 MEDIAN	TOTAL
06.05	TEST PIT EXCAVATION	EA		2	51	53
06.10	BOX BEAM GUIDE RAILING	LF	252	3744		3996
			1	2		3
06.120101	BOX BEAM END PIECE	EA	'			
06.1203	BOX BEAM END ASSEMBLY, TYPE III	EA	4540	1	400	1
06.17	CORRUGATED BEAM MEDIAN BARRIER	LF	1518		100	1618
06.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF	1383			1383
6.19010025	THRIE BEAM RAILING / CORRUGATED BEAM ROCK FENCE	LF		3100		3100
06.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EA	1			1
6.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF	50	652.5		702.5
6.270101	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING (SHOP CURVED)	LF	44	54		98
6.2703	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	EA		1		1
6.2704	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING BURIED IN BACK SLOPE	EA	1			1
6.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF			44612	44612
6.2802	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	EA			3	3
6.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF	320	320		640
6.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF	200	60		260
6.4818	I-BEAM POSTS FOR EXISTING HEAVY POST BLOCKED-OUT (MOD.)CORRUGATED BEAM GUIDE RAILING	EA		3		3
6.51	RESETTING CORRUGATED BEAM GUIDE RAILING	LF	75			75
6.53	RESETTING BOX BEAM GUIDE RAILING	EA		511		511
6.5501	RESETTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING (NEW 12 INCH BLOCKOUTS)	LF	6			6
6.58	RESETTING HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	LF		439		439
6.5801	RESETTING HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING (NEW POSTS)	LF		187.5		187.5
06.5920	RESETTING BOX BEAM GUIDE RAILING TURNED DOWN TERMINAL	EA		1		1
06.59200125	RESETTING END TERMINALS FOR BOX BEAM GUIDE RAILING AND MEDIAN BARRIER	EA	3	4		7
6.62	REMOVING AND STORING CORRUGATED BEAM MEDIAN BARRIER	LF			36	36
06.6911	REMOVING AND STORING WEAK-AND HEAVY-POST CORRUGATED BEAM TERMINALS	EA	1			1
		EA	1			1
06.6941	REMOVING AND STORING ANCHORAGE UNITS FOR HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE RAILING		-	4000	2005	
6.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF	1441	4098	2825	8392
6.7101	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.)CORRUGATED BEAM GUIDE RAILING	LF	144	3475		3619
6.72	REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER	LF	2031	469	42139	44639
6.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	588	224		821
6.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF	270	562.5		832.5
6.76	REMOVING AND DISPOSING OF GUIDE POSTS, GUIDE RAIL POSTS, AND MEDIAN BARRIER POSTS	EA		4		4
6.7910	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING AND MEDIAN BARRIER	EA	3	5	2	10
6.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EA		1		1
6.86	GUIDE RAIL TRANSITION CORRUGATED BEAM TO THRIE BEAM	EA		2		2
6.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALFSECTION CONCRETE BARRIER (ONE OR TWO WAY OPERATION)	EA	4	2		6
6.8902	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO WEAK POST CORRUGATED BEAM GUIDE RAILING	EA	1	1		2
6.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMMEDIAN BARRIER TO WEAK POST CORRUGATED BEAM MEDIAN BARRIER		-	2		2
6.8905			1	_	5	6
6.8906			3	3	8	14
	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER TO SINGLE SLOPE CONCRETE MEDIAN BARRIER DEED ACE CHINE PAUL SELICE BOLTS	EA EA	158	3	0	158
6.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	CA	158			158

ALTERED ON:	AFFIXED ON: 02/13/2024
SIGNATURE: STAMP:	SIGNATURE: STAMP: OF NEW A. MACDON A. MAC

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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AND SAFETY IMPROVEMENT TANY 24-8 OCATION OF PROJECT NY DIVISION MP 48.0 TO 60.1 1/2024

GUIDE RAIL TABLES

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