## The Metropolitan Transportation Authority Acting By The MTA Capital Construction Company



### **MTA CONTRACT #6240**

DESIGN-BUILD SERVICES
FOR
LIRR EXPANSION PROJECT
FROM FLORAL PARK TO HICKSVILLE

### **CONFORMED DOCUMENTS**

VOLUME 1 – DESIGN-BUILD AGREEMENT EXHIBIT C – PART 4B (Book 7 of 9)



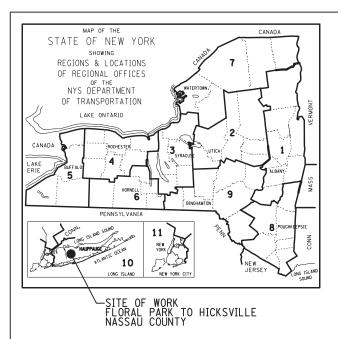
# VOLUME 2: TECHNICAL PACKAGE 2: PROJECT DESIGN APPENDIX







2.8.4
Retaining Walls &
Sound Attenuating
Walls



CONTRACTOR'S NAME	
AWARD DATE	
COMPLETION DATE	
FINAL ACCEPTANCE DATE	
REGIONAL DIRECTOR	
ENGINEER IN CHARGE	
FINAL COST TOTAL	
FISCAL SHARE	COST(S)

### Long Island Rail Road

LONG ISLAND RAILROAD EXPANSION FLORAL PARK TO HICKSVILLE NASSAU COUNTY CONTRACT NO. 6240

VOLUME 2 - PACKAGE 2 - 2.8.4
PRELIMINARY RETAINING WALL & SOUND ATTENTUATING WALL PLANS
NOT FOR CONSTRUCTION



PROJECT LOCATION

THE PROJECT IS LOCATED ALONG THE LONG ISLAND RAILROAD MAIN LINE FROM THE FLORAL PARK RAIL STATION TO THE HICKSVILLE STATION AND INTERLOCKING APPROXIMATELY 10 MILES FROM FLORAL PARK THROUGH NEW HYDE PARK, GARDEN CITY, MINEOLA, WESTBURY, NEW CASSEL, TO HICKSVILLE IN NASSAU COUNTY.

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						APPROVED BY:	ı
NO.	DATE	DESIGNED BY	CHECKED BY	APPROVED BY	REV. NO.		

MAIN LINE THIRD TRACK

PROPOSAL - NOT FOR CONSTRUCTION

IT IS A VIOLATION OF SECTION 7209.2 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER IN ANY WAY PLANS, SPECIFICATIONS, PLATS OR REPORTS TO WHICH THE SEAL OF A PROFESSIONAL ENGINEER HAS BEEN APPLIED. IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER IS ALTEROT HE ALTERING ENGINEER IS ATTICED THE MITEMAL SHOWER SHALL ART THE NOTATION "ALTERED BY "FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

3<sup>rd</sup> TRACK CONSTRUCTORS Picone | Dragados USA | CCA Civil | Halmar

#### TITLE SHEET

SCALE:	CONTRACT NO.
NTS	
FILE NAME:	DATE
	DRAWING NO.
REV. NO.	
\LV. 110.	SHEET OF

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT

TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

	INDEX	TOTAL NUMBER OF SHEETS: 155		
SHEET NO.		IPTION	DRAWING NO.	
1	TITLE SHEET		Biotimico No.	
2	INDEX OF DRAWINGS - RETAINING WALLS			
3	CONCRETE POST AND PANEL WALL - TYPI	CAL DETAILS	WD-01	
4	STEEL POST AND PANEL WALL - TYPICAL	DETAILS	WD-02	
5	TEMPORARY SUPPORT OF EXCAVATION -	TYPICAL DETAILS	WD-03	
6	SOUND WALL TYPICAL DETAILS		WD-04	
7	SOUND WALL ON TOP OF T-WALL AND BAI	LAST RETAINER - TYPICAL DETAILS	WD-05	
8	STEEL POST AND PANEL WALL AT GRADE	CROSSINGS - TYPICAL DETAILS	WD-06	
9	TYPICAL SECTIONS - INVERTED T-WALL		TW-01	
10	TYPICAL SECTIONS - INVERTED T-WALL		TW-02	
11	TYPICAL SECTIONS - INVERTED T-WALL		TW-03	
12	TYPICAL SECTIONS - INVERTED T-WALL		TW-04	
13	TYPICAL SECTIONS - INVERTED T-WALL		TW-05	
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16	TYPICAL SECTIONS - INVERTED T-WALL		TW-08	
17	RETAINING WALL DESIGN TABLES (SOUTH	WALL) - 1 OF 14	WT-01	
18	RETAINING WALL DESIGN TABLES (SOUTH	WALL) - 2 OF 14	WT-02	
19	RETAINING WALL DESIGN TABLES (SOUTH		WT-03	
20	RETAINING WALL DESIGN TABLES (SOUTH	<u>'</u>	WT-04	
21	RETAINING WALL DESIGN TABLES (SOUTH		WT-05	
22	RETAINING WALL DESIGN TABLES (SOUTH		WT-06	
23	RETAINING WALL DESIGN TABLES (SOUTH		WT-07	
24	RETAINING WALL DESIGN TABLES (NORTH	<u>,                                      </u>	WT-08	
25	RETAINING WALL DESIGN TABLES (NORTH	,	WT-09	
26	RETAINING WALL DESIGN TABLES (NORTH		WT-10	
27	RETAINING WALL DESIGN TABLES (NORTH		WT-11	
28	RETAINING WALL DESIGN TABLES (NORTH	, , , , , , , , , , , , , , , , , , ,	WT-12	
29	RETAINING WALL DESIGN TABLES (NORTH	<u> </u>	WT-13	
30	RETAINING WALL DESIGN TABLES (NORTH	,	WT-14	
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MTA Long Island Rail Road

MAIN LINE THIRD TRACK

PROPOSAL - NOT FOR CONSTRUCTION

3<sup>rd</sup> TRACK CONSTRUCTORS
Picone | Dragados USA | CCA Civil | Halmar

INDEX OF DRAWINGS RETAINING WALLS

SCALE: AS NOTED	CONTRACT NO. 192310690_RFP
FILE NAME: tyl-index_plt.dwg	DATE JULY 3, 2017
	DRAWING NO.
REV. NO. 00	SHEET 1 OF