

CITY of TAMPA

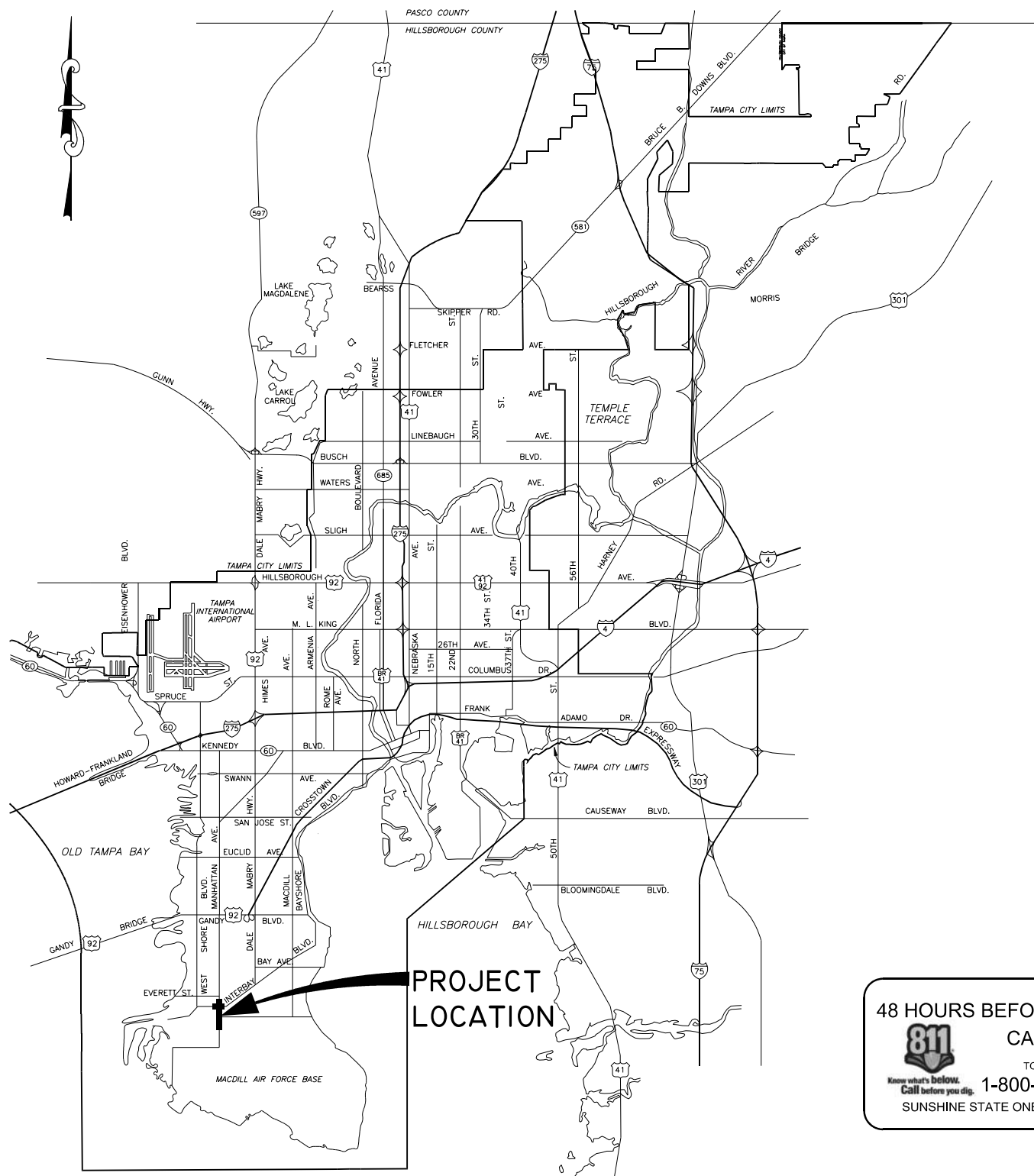


MOBILITY DEPARTMENT

PLANS FOR S. MANHATTAN AVE. AND INTERBAY BLVD. ROADWAY AND INTERSECTION IMPROVEMENT PROJECT

C.I.P. # 1000980
100% SUBMITTAL - JUN. 22, 2021
CITY PROJECT MANAGER: BEN MONEY, PE

48 HOURS BEFORE DIGGING
 CALL 811
 OR TOLL FREE
 1-800-432-4770
 SUNSHINE STATE ONE CALL CENTER



**PROJECT
LOCATION**

GOVERNING STANDARDS AND SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS
FISCAL YEAR 2020-21.

FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2020 STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION.

SPECIFICATIONS CAN BE FOUND AT THE FOLLOWING WEBSITE:
HTTP://WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECBOOKS



APPROVED BY: _____ DATE _____
 BALA PADMANABHAN, P.E. #37332
 BALA CONSULTING SERVICES, LLC
 18527 BITTERN AVE., LUTZ, FL 33558
 T: (813) 962-4697 E: balapadman@balacs.net
 CERTIFICATE OF AUTHORIZATION NO: 31398

No.	DATE	REVISIONS
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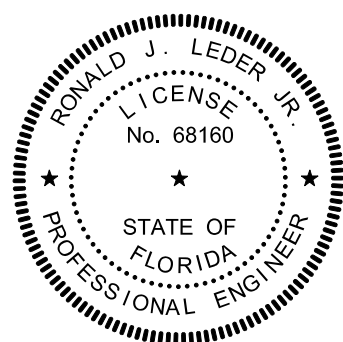
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 CKD: BP
 DATE: 6/22/21

CITY of TAMPA
 MOBILITY DEPARTMENT
 C.I.P. No. 1000980

S. MANHATTAN AVE. and INTERBAY BLVD.
 ROADWAY and INTERSECTION IMPROVEMENT PROJECT
 COVER SHEET

SHEET
 1
 OF 9

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	INDEX AND SIGNATURE SHEET
3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5	PROJECT LAYOUT
6 - 9	SIGNING AND PAVEMENT MARKING PLANS



THIS ITEM HAS BEEN DIGITALLY
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BALA PADMANABHAN, P.E. NO. 37332

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MOBILITY DEPARTMENT
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S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
INDEX AND SIGNATURE SHEET

SHEET
2
OF 9

PAY ITEM #	PAY ITEM DESCRIPTION	UNIT	QUANTITY
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	10
0700 1 60	SINGLE POST SIGN, REMOVE	AS	2
0706 3	RAISED PAVEMENT MARKERS	EA	180
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.47
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	325
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	310
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	7
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.37
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	100
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	100
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	325
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	310
0711 15101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.47
0711 15201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.37
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	7

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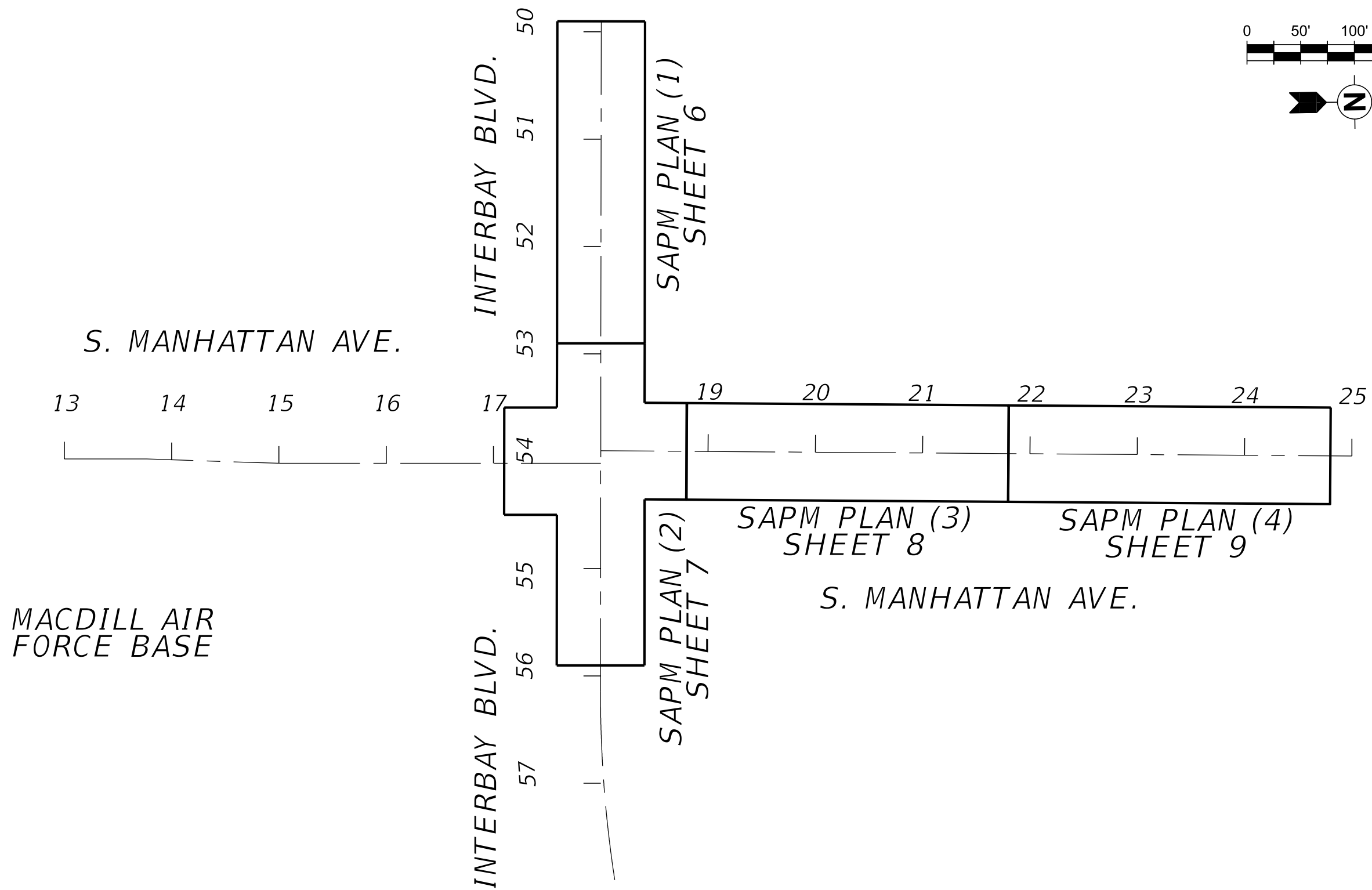
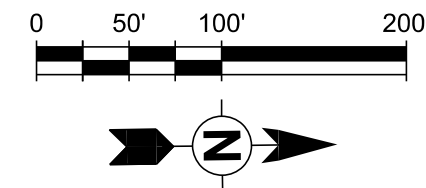
S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES

GENERAL NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE F.D.O.T. STANDARD PLANS INDEX.
2. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY THE LENGTH OF COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
3. REFER TO F.D.O.T. STANDARD PLANS INDEX NO. 706-001 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
4. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE SUBCONTRACTOR AT HIS EXPENSE.
5. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
6. ALL COLUMNS (POSTS) FOR SINGLE COLUMN SIGNS SHALL BE 2" DIAMETER ALUMINUM ROUND TUBE POWDERCOATED BLACK.
7. ANY EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
8. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.
9. ALL PEDESTRIAN CROSSING SIGN PANELS INCLUDING SUPPLEMENTAL PANELS SHALL HAVE FLUORESCENT YELLOW-GREEN SHEETING.
10. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO SIGN FOUNDATIONS AS DETERMINED BY THE SUBCONTRACTOR. THE SUBCONTRACTOR SHALL HAND DIG THE FIRST FOUR FEET OF THE HOLE FOR THE SIGN POST FOUNDATION.
11. ANY PAINT INSTALLED SHALL BE RETRO-REFLECTIVE.
12. THE SUBCONTRACTOR SHALL CONTACT DANIEL RODRIGUEZ (813-384-6438) WITH HILLSBOROUGH AREA REGIONAL TRANSIT (HART) AT LEAST 3 WEEKS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES OR IMPLEMENTING A MAINTENANCE OF TRAFFIC PLAN IN THE VICINITY OF EXISTING BUS STOPS WITHIN THE PROJECT LIMITS.
13. CROSSWALK STRIPING WITHOUT SPECIFIC STATION AND OFFSET LABELS ARE TO BE LAID OUT BY LOCATING CENTER OF OPPOSITE SIDEWALK RAMPS AND OFF-SETTING HALF THE WIDTH OF THE DESIGNATED CROSSWALK DIMENSION FOR PLACEMENT OF THE 12" WHITE STRIPE.

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	BALA PADMANABHAN, P.E. #37332	3			DRN: RL			
	BALA CONSULTING SERVICES, LLC	2			CKD: BP			
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CITY of TAMPA
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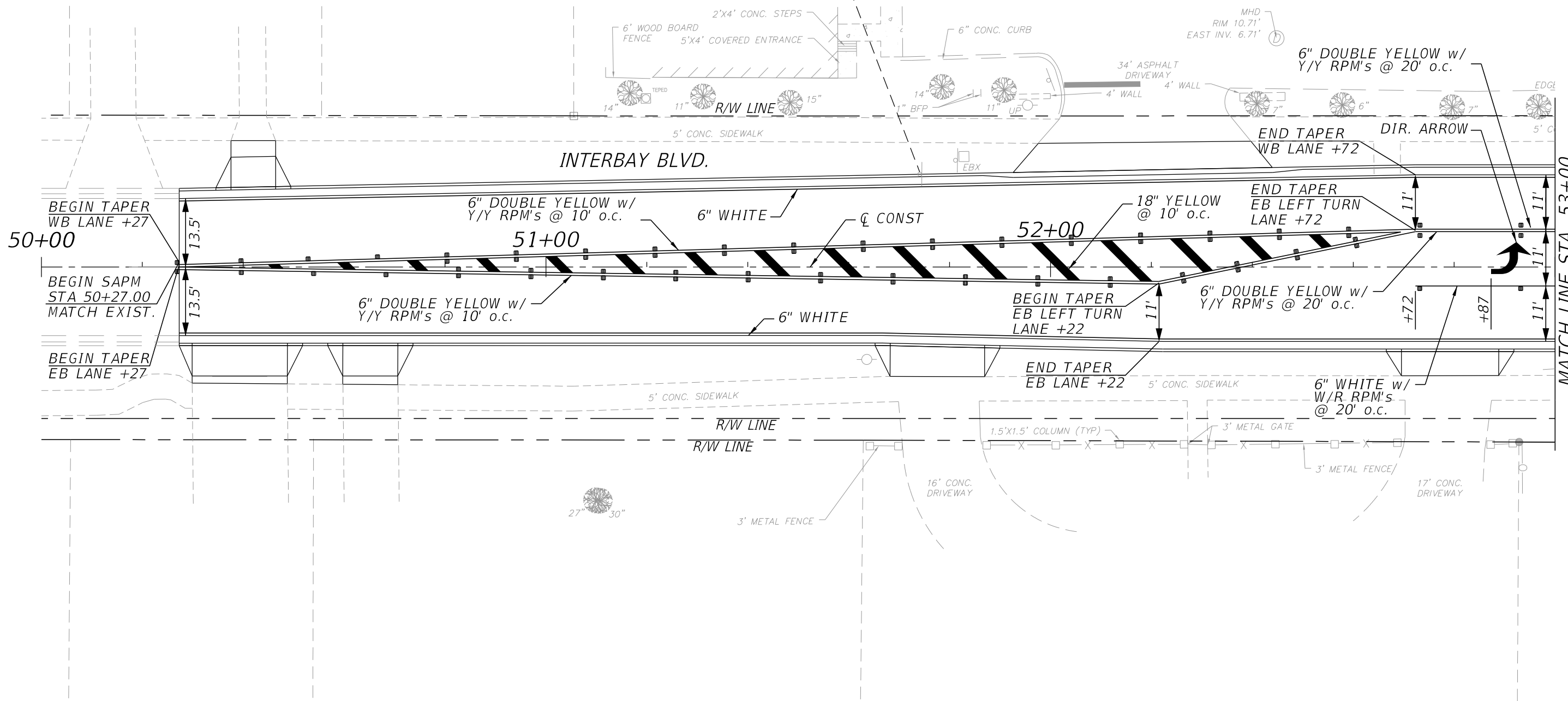
S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
PROJECT LAYOUT

SHEET
5
OF 9



SCALE: 1"=20'

EXIST. SIGN
TO REMAIN
SPEED
LIMIT
30



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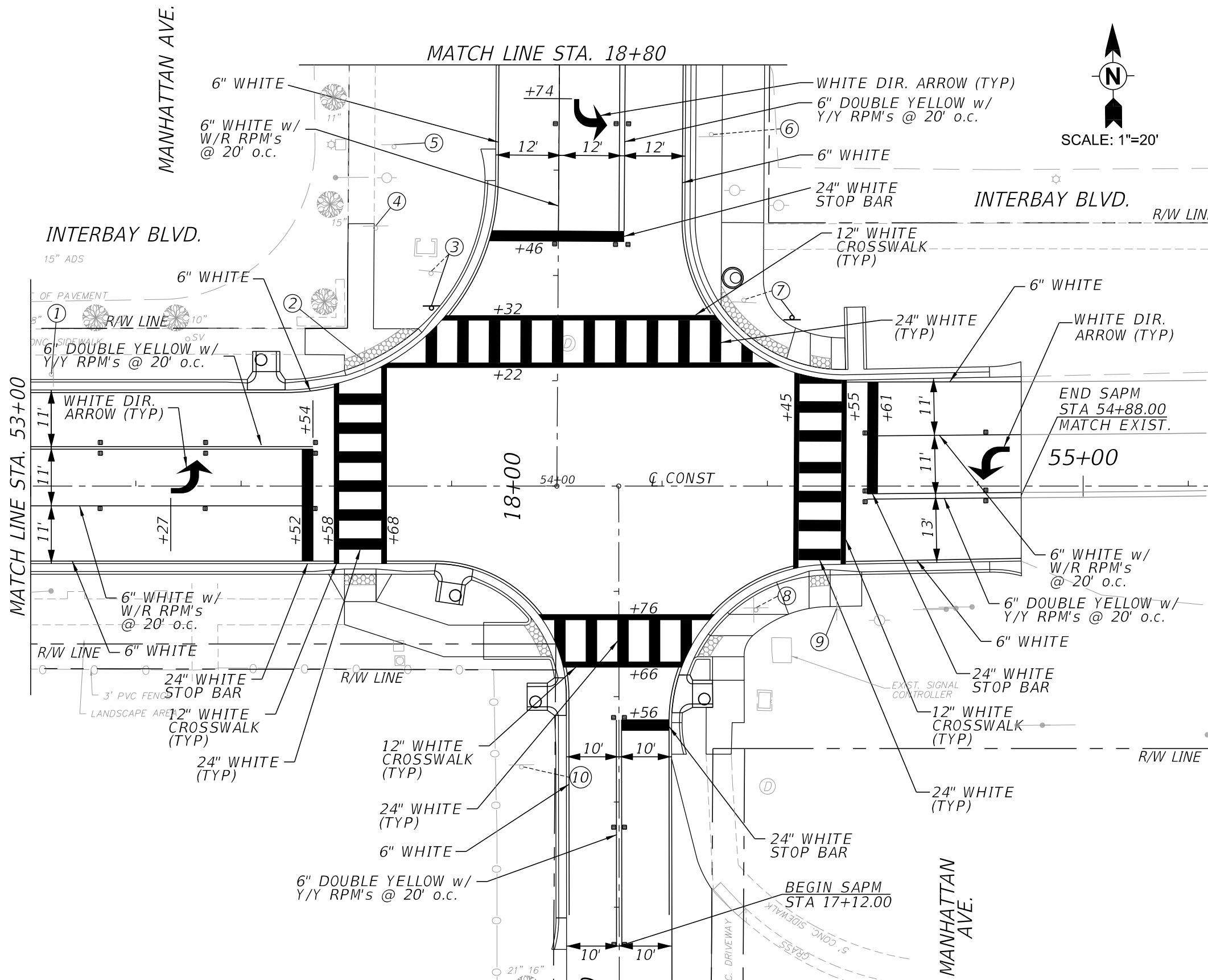
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CITY of TAMPA
MOBILITY DEPARTMENT
C.I.P. No. 1000980

S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
SIGNING AND PAVEMENT MARKING PLAN (1)
INTERBAY BLVD. STA. 50+27 TO STA. 53+00

SHEET
6
of 9



SIGN #	SIGN TYPE	SIGN STATUS
1	WELCOME TO PORT OF TAMPA	TO BE RELOCATED 4' FROM CURB
2	[Striped Sign]	TO BE REMOVED
3	[Pedestrian Sign]	TO BE RELOCATED TO X-WALK
4	HART BUS STOP	TO REMAIN
5	UNITED METHODIST CHURCH	TO REMAIN
6	NO MOTOR VEHICLES	TO BE RELOCATED 4' FROM CURB
7	[Pedestrian Sign]	TO BE RELOCATED TO X-WALK
8	[Manhattan Ave Sign]	TO BE REMOVED
9	KEEP TAMPA BAY BEAUTIFUL	TO REMAIN
10	SPEED LIMIT 25	TO BE RELOCATED 4' FROM CURB

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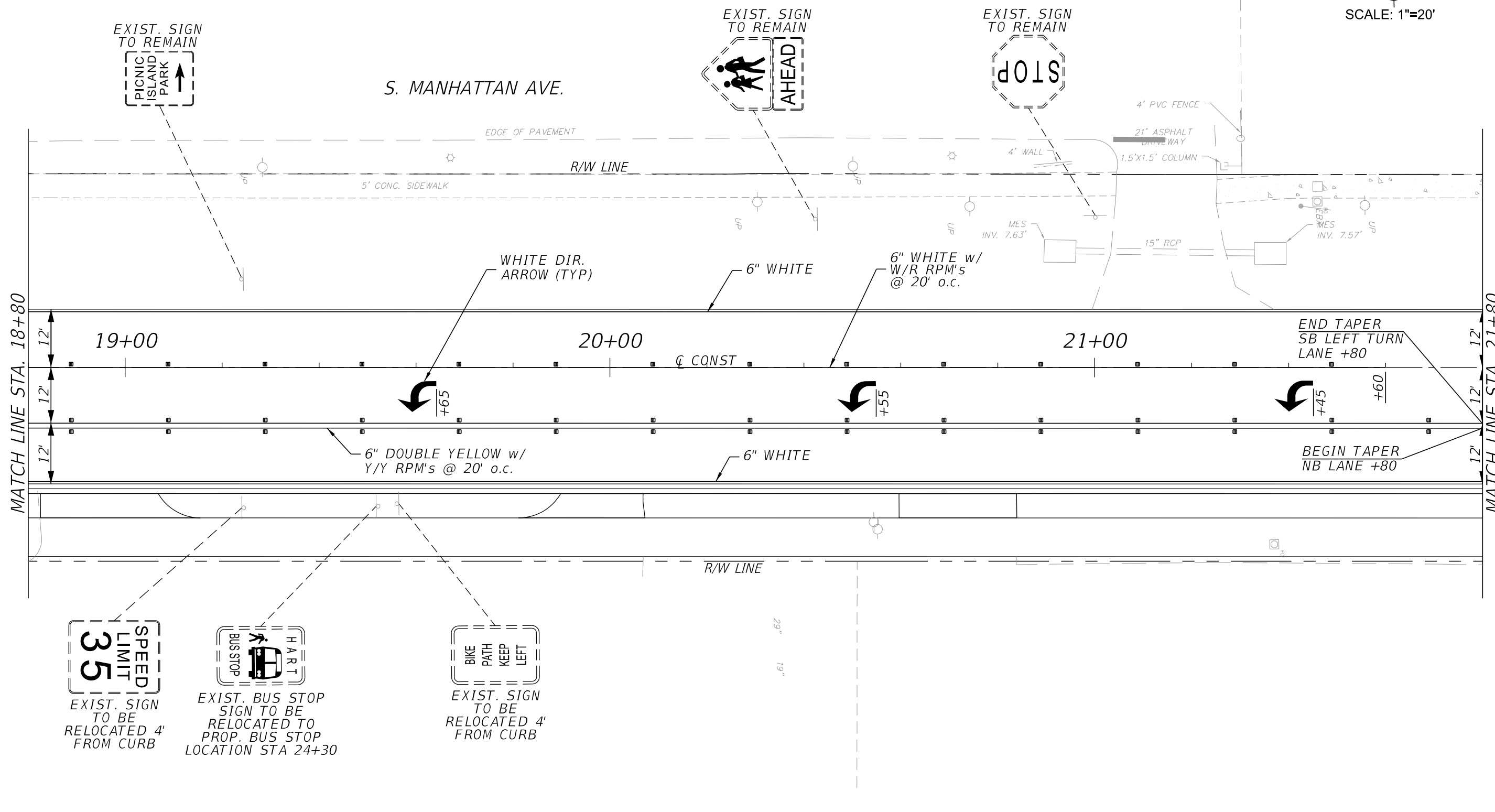
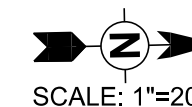
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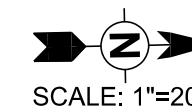
S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
SIGNING AND PAVEMENT MARKING PLAN (2)
INTERBAY BLVD. STA. 53+00 TO STA. 54+88

SHEET 7
of 9

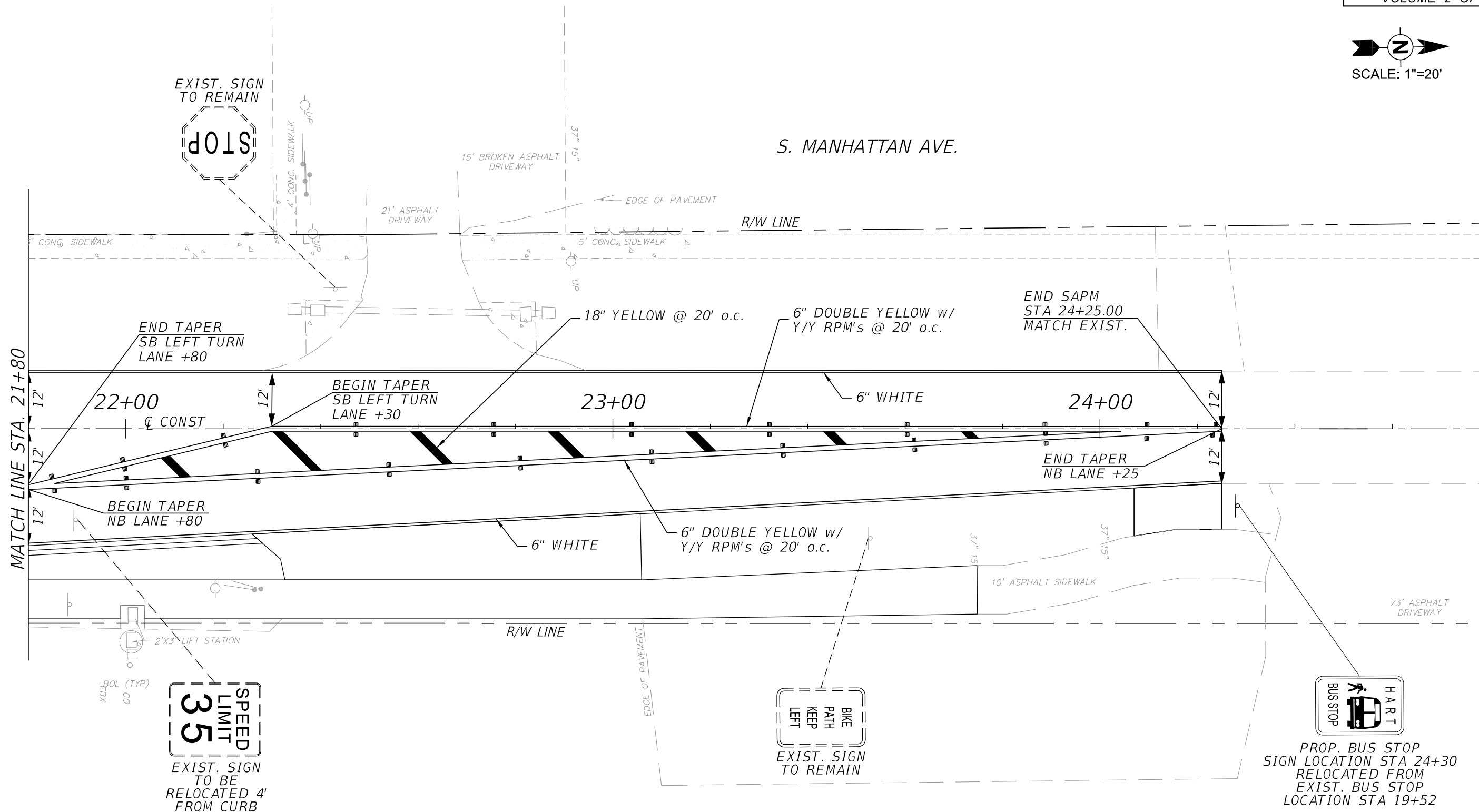


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	BALA PADMANABHAN, P.E. #37332 BALA CONSULTING SERVICES, LLC 18527 BITTERN AVE., LUTZ, FL 33558 T: (813) 962-4697 E: balapadman@balacs.net CERTIFICATE OF AUTHORIZATION NO: 31398	3			DRN: RL			
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S. MANHATTAN AVE.



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C.I.P. No. 1000980

S. MANHATTAN AVE. and INTERBAY BLVD.
ROADWAY and INTERSECTION IMPROVEMENT PROJECT
SIGNING AND PAVEMENT MARKING PLAN (4)
S. MANHATTAN AVE. STA. 21+80 TO STA. 24+25