N
0
100'
200'
SCALE: 1" = 100'
OMNI CENTER
OMNI STATION
HERALD STATION (TRANSFER)
MACARTHUR CSWY (WB)
MACARTHUR CSWY (EB)
BISCAYNE BLVD
ADRIENNE ARSHT CENTER
I-395 (WB)
I-395 (EB)
395
PEREZ ART MUSEUM
MUSEUM STATION (TRANSFER)
NE 2ND AVE
MUSEUM OF SCIENCE
NE 1ST AVE
BISCAYNE BLVD
2ND AVE
WEST BRIDGE EB (LOOKING EAST)

JUNGLE ISLAND
WATSON ISLAND
PORT OF MIAMI TUNNELS
MACARTHUR CSWY (WB)
MACARTHUR CSWY (EB)
PROPOSED PEDESTRIAN BRIDGE
CHILDREN'S MUSEUM
GOVERNMENT CUT CHANNEL
PORT OF MIAMI TUNNELS
MACARTHUR CSWY EB (LOOKING EAST)
MONORAIL VEHICLE (NOTE 1)
14'-0"
12'-0"
14'-0"
10'-0"
TRAVEL LANE
TRAVEL LANE
SHOULDER
NOTE 4
PROPOSED PIER (NOTE 2)
NOTE 3
M.H.W. EL. +1.5
WEST BRIDGE (EB)
12'-0"
12'-0"
14'-0"
NOTE 3
MacARHTUR CSWY (EB)
MONORAIL VEHIC
(NOTE

NOTES:

1. VEHICLE HEIGHT VARIES DEPENDING ON MANUFACTURER (11.83-FT SHOWN).
2. PROPOSED RAPID TRANSIT GUIDEWAY SPAN LENGTHS TO MATCH THOSE OF ADJACENT EXISTING BRIDGE (112-FT, 130-FT & 145-FT).
3. PROPOSED RAPID TRANSIT GUIDEWAY TO PROVIDE A 65-FT (MIN.) VERTICAL CLEARANCE OVER NAVIGATIONAL CHANNEL.
4. PROPOSED RAPID TRANSIT GUIDEWAY TO PROVIDE A 10-FT (MIN.) TO 30-FT (MAX.) LATERAL OFFSET TO ADJACENT BRIDGE.
5. EXISTING NAVIGATIONAL CHANNEL FENDER SYSTEM TO BE EXTENDED AS NECESSARY TO PROTECT PROPOSED RAPID TRANSIT GUIDEWAY PIERS.

Monorail - SECTION

SCALE 1"= 15' SECTION LOOKING EAST

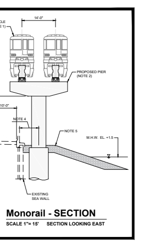
NOTES:

1. VEHICLE HEIGHT VARIES DEPENDING ON MANUFACTURER (11.83-FT SHOWN).
2. PROPOSED RAPID TRANSIT GUIDEWAY SPAN LENGTHS TO VARY (130-FT TYPICAL).
3. PROPOSED RAPID TRANSIT GUIDEWAY TO PROVIDE A 16.50-FT MINIMUM VERTICAL CLR. OVER ROADWAY.
4. PROPOSED RAPID TRANSIT GUIDEWAY PIERS TO BE LOCATED 8-FT (MIN.) TO 12-FT (MAX) FROM BACK OF EXISTING CONCRETE BARRIER WALL.
5. PROPOSED RAPID TRANSIT GUIDEWAY PIERS TO BE PROTECTED WITH PROPOSED RIPRAP FOR EROSION CONTROL AND STORM SURGE PROTECTION.

Bermello Ajamil & Partners

MIAMI-DADE COUNTY

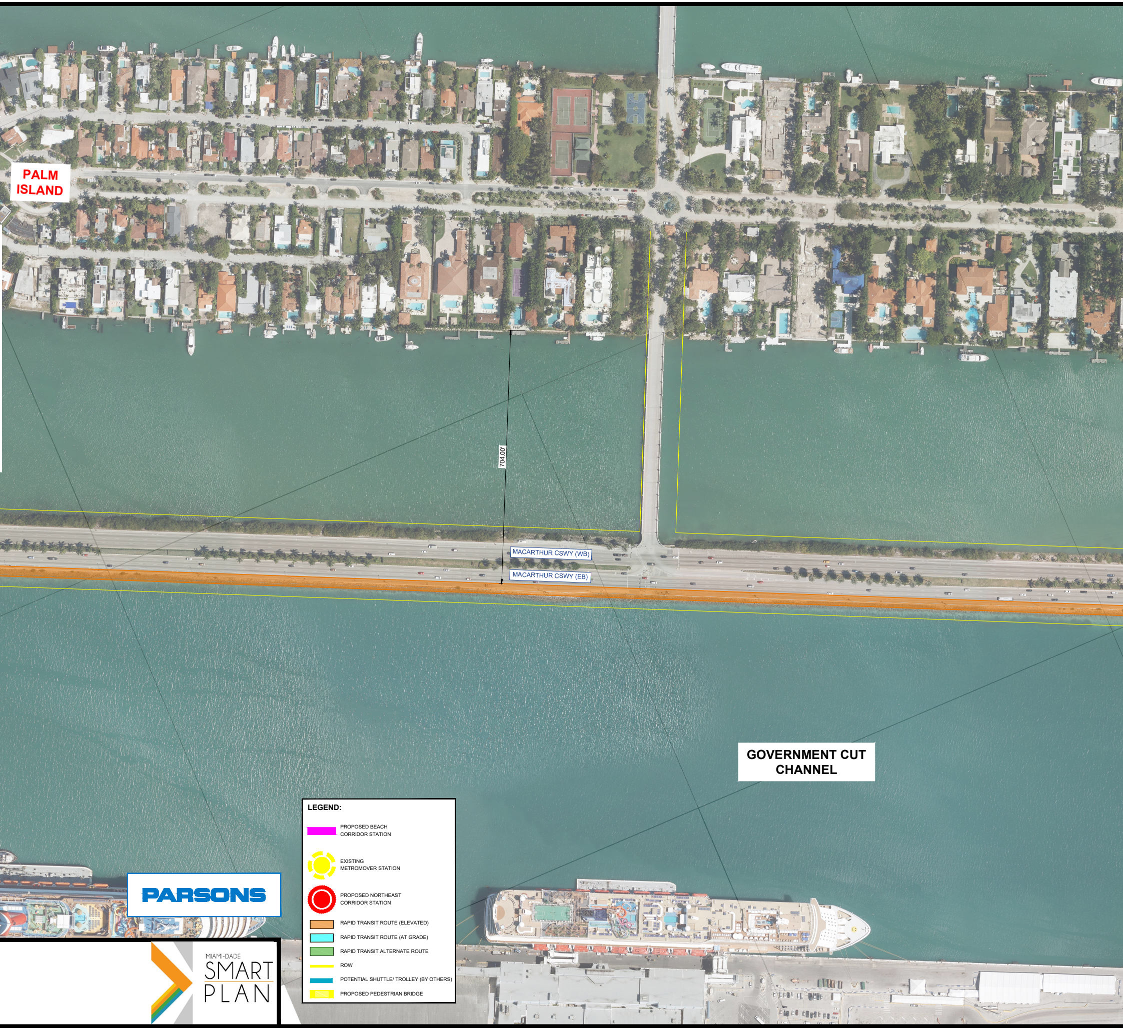
Beach Corridor Rapid Transit Project - Mor



CLE
E 1)
14'-0"
PROPOSED PIER
(NOTE 2)
10'-0"
NOTE 4
NOTE 5
M.H.W. EL. +1.5
EXISTING
SEA WALL

Monorail - SECTION

SCALE 1"= 15' SECTION LOOKING EAST



PALM
ISLAND
704.00'
MACARTHUR CSWY (WB)
MACARTHUR CSWY (EB)
GOVERNMENT CUT
CHANNEL

LEGEND:

🟪	PROPOSED BEACH CORRIDOR STATION
●	EXISTING METROMOVER STATION
🔴	PROPOSED NORTHEAST CORRIDOR STATION
🟧	RAPID TRANSIT ROUTE (ELEVATED)
🟦	RAPID TRANSIT ROUTE (AT GRADE)
🟩	RAPID TRANSIT ALTERNATE ROUTE
—	ROW
▬	POTENTIAL SHUTTLE/ TROLLEY (BY OTHERS)
🟨	PROPOSED PEDESTRIAN BRIDGE

PARSONS

norail

MIAMI-DADE
SMART
PLAN

PALM ISLAND
STAR ISLAND
706.00'
769.00'
MACARTHUR CSWY (WB)
MACARTHUR CSWY (EB)
PORT OF MIAMI

Beach Corridor Rapid Transit Project - Monorail

STAR ISLAND

TERMINAL ISLAND

US COAST GUARD STATION

GOVERNMENT CUT CHANNEL

MACARTHUR CSWY (A1A)

MACARTHUR CSWY (SB)

5TH STREET

6TH STREET

ALTON RD

LENOX AVE

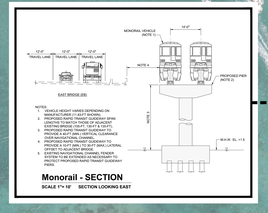
MICHIGAN AVE

PENNSYLVANIA AVE

WASHINGTON AVE

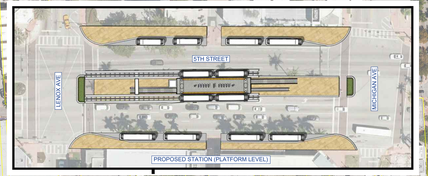
COLLINS AVE

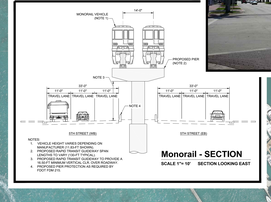
EXPRESSWAY



Monorail - SECTION

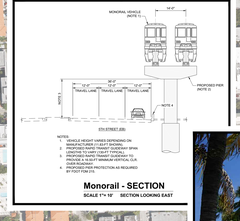
SCALE 1"= 10' SECTION LOOKING EAST





Monorail - SECTION

SCALE 1"= 10' SECTION LOOKING EAST



Monorail - SECTION

SCALE 1"= 10' SECTION LOOKING EAST

LEGEND:

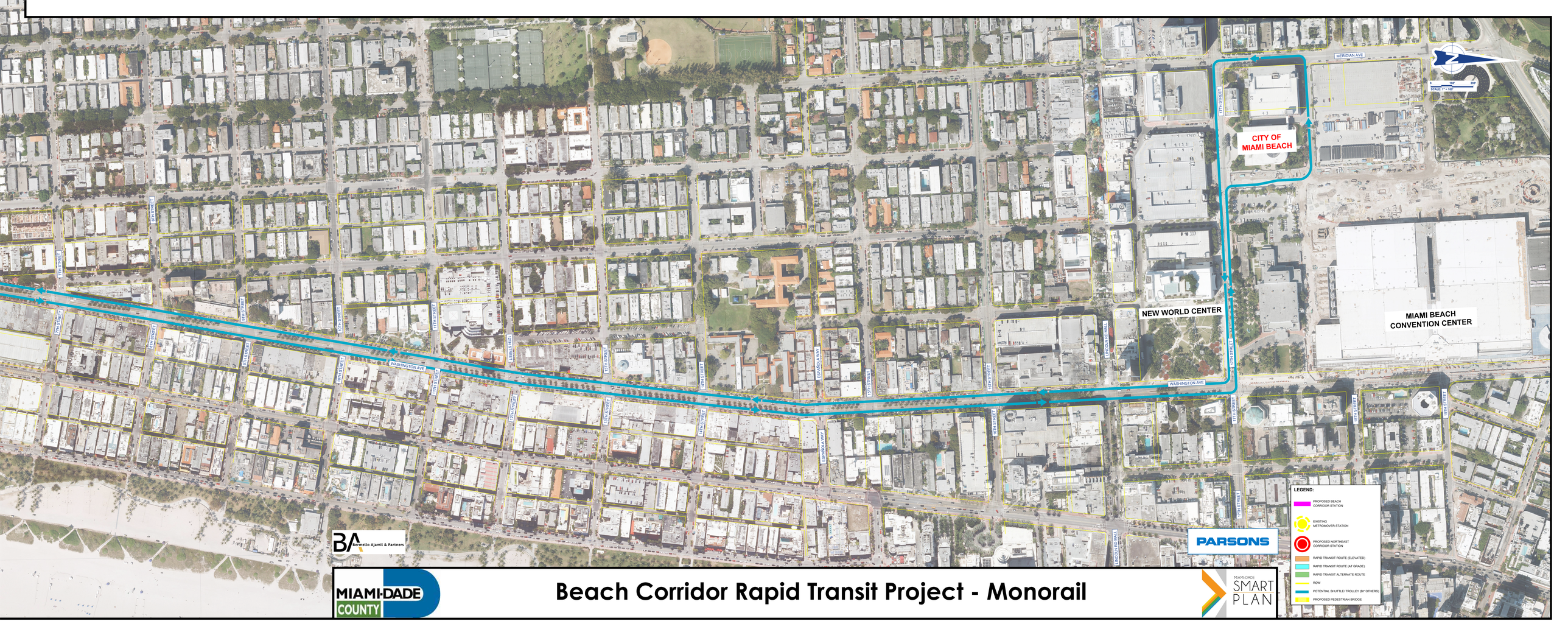
- PROPOSED BEACH CORRIDOR STATION
- EXISTING METROMOVER STATION
- PROPOSED NORTHEAST CORRIDOR STATION
- RAPID TRANSIT ROUTE (ELEVATED)
- RAPID TRANSIT ROUTE (AT GRADE)
- RAPID TRANSIT ALTERNATE ROUTE
- ROW
- POTENTIAL SHUTTLE/ TROLLEY (BY OTHERS)
- PROPOSED PEDESTRIAN BRIDGE

BA Barreiro Ajamil & Partners

PARSONS

MIAMI-DADE COUNTY

MIAMI-DADE SMART PLAN



Beach Corridor Rapid Transit Project - Monorail