## Summary of Pay Items

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Description</th>
<th>Units</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0101</td>
<td>Mobilization</td>
<td>LS</td>
<td>1</td>
</tr>
<tr>
<td>0102</td>
<td>Maintenance of Traffic</td>
<td>LS</td>
<td>1</td>
</tr>
<tr>
<td>0104 18</td>
<td>Inlet Protection System</td>
<td>EA</td>
<td>16</td>
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<tr>
<td>0289 1</td>
<td>Full Depth Asphalt Reclamation (6.5&quot; Depth)</td>
<td>SY</td>
<td>0352</td>
</tr>
<tr>
<td>0327 70 4</td>
<td>Milling Exist ASPH PAVT, 3&quot; Avg Depth</td>
<td>SY</td>
<td>0207</td>
</tr>
<tr>
<td>0327 70 5</td>
<td>Milling Exist ASPH PAVT, 2&quot; Avg Depth</td>
<td>SY</td>
<td>0352</td>
</tr>
<tr>
<td>0334 1 12</td>
<td>Superpave Asphaltic Conc., Traffic B</td>
<td>TN</td>
<td>1249.8</td>
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<tr>
<td>0425 5</td>
<td>Manhole, Adjust</td>
<td>EA</td>
<td>10</td>
</tr>
<tr>
<td>0520 2 4</td>
<td>Concrete Curb, Type D</td>
<td>LF</td>
<td>35</td>
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<tr>
<td>0660 2 101</td>
<td>Loop Assembly, F&amp;A, Type A</td>
<td>AS</td>
<td>15</td>
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<tr>
<td>0706 1 1</td>
<td>Raised Pavement Markers</td>
<td>EA</td>
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<tr>
<td>0710 11 101</td>
<td>Painted Pavement Markings, Standard, White, Solid, 6&quot;</td>
<td>GM</td>
<td>0.393</td>
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<tr>
<td>0710 11 125</td>
<td>Painted Pavement Markings, Standard, White, Solid for Stop Line or Crosswalk, 24&quot;</td>
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<tr>
<td>0710 11 131</td>
<td>Painted Pavement Markings, Standard, White, Skip 10-30, 6&quot; Wide</td>
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<tr>
<td>0710 11 160</td>
<td>Painted Pavement Markings, Standard, White, Message or Symbol</td>
<td>EA</td>
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<tr>
<td>0710 11 201</td>
<td>Painted Pavement Markings, Standard, Yellow, Solid, 6&quot;</td>
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<td>0710 11 224</td>
<td>Painted Pavement Markings, Standard, Yellow, Solid for Diagonal or Chevron, 18&quot;</td>
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<tr>
<td>0710 11 421</td>
<td>Painted Pavement Markings, Standard, Blue, Solid for Parking Lot, Accessible Markings, 6&quot;</td>
<td>LF</td>
<td>116</td>
</tr>
</tbody>
</table>

### Pay Item Notes

- **327-70-5**: Post milling/trimming to be paid for under Pay Item 327-70-5.
- **530-2-4**: 12 inch ribbon curb to be paid for as concrete curb, Type D.
- **660-2-101**: All traffic loop assemblies are to be replaced in-kind and paid for under Pay Item 660-2-101.
TYPICAL SECTION NO. 1

MIRABAY WELCOME CENTER PARKING LOT
(LOCAL ROAD)

TENNIS COURT PARKING LOT
(LOCAL ROAD)

MANNS HARBOR DRIVE
(COLLECTOR ROAD)

FULL-DEPTH PAVEMENT RECONSTRUCTION

EXISTING CURB & GUTTER TO REMAIN

RECLAIMED PAVEMENT PER FULL DEPTH RECLAMATION WITH ASPHALT EMULSION AND CEMENT BLEND SPECIFICATION

TYPICAL SECTION NO. 2

MIRABAY BOULEVARD
(COLLECTOR ROAD)

MILLING

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)

RESURFACING

TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC B) (3")

NOTES:

1. LIMESTONE OR OTHER EXISTING BASE MATERIAL MAY BE ENCLOSED DURING MILLING OPERATIONS.

2. IT IS PREFERABLE TO MILL OUT PAVEMENT CRACKS TO AVOID REFLECTIVE CRACKING IN OVERLAYS. IF NOT PRACTICAL TO MILL OUT MOST OF THE CRACKED PAVEMENT, A 1-INCH CRACK RELIEF LAYER AND/OR ADDITIONAL OVERLAY THICKNESS SHOULD BE CONSIDERED. AN ARM LAYER MAY ALSO BE USED TO DELAY REFLECTIVE CRACKING.

3. STATIC COMPACTION ONLY.

4. A MINIMUM STRUCTURAL NUMBER OF 2.3 IS REQUIRED.
CONSTRUCTION NOTES

1. ALL WORK PERFORMED WITHIN THE PROJECT LIMITS SHALL CONFORM TO THE MOST CURRENT EDITION OF THE FOLLOWING FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND HILLSBOROUGH COUNTY PUBLICATIONS:
   - FDOT DESIGN MANUAL
   - FDOT STANDARD PLANS FOR ROAD CONSTRUCTION
   - FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
   - FDOT FLEXIBLE PAVEMENT DESIGN MANUAL (FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION)
   - HILLSBOROUGH COUNTY PUBLIC WORKS STANDARD SPECIFICATIONS FOR CONSTRUCTION

2. COMPLY WITH ALL STATE, COUNTY, AND LOCAL ORDINANCES AND OBTAIN NECESSARY WORK PERMITS THAT ARE REQUIRED PRIOR TO CONSTRUCTION.

3. VERIFY THE LOCATION, ELEVATION, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AFFECTING THE WORK.

4. EXISTING DRAINAGE STRUCTURES ARE TO REMAIN UNLESS OTHERWISE NOTED. ALL EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED.

5. ALL BROKEN OR CRACKED DRIVEWAYS AND SIDEWALKS DAMAGED DURING CONSTRUCTION WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND REPLACED IN KIND.

6. EXISTING SIDEWALK IS TO REMAIN UNLESS OTHERWISE NOTED.

7. ANY PRIVACY OR PUBLIC PROPERTY OR EXISTING FACILITIES AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS AT NO ADDITIONAL COST.

8. ALL DISTURBED AREA WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED.

9. ERECT EROSION CONTROL DEVICES PRIOR TO LAND ALTERATIONS, MAINTAIN THEM DURING CONSTRUCTION, AND REMOVE THEM FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. INSTALL AND MAINTAIN EROSION CONTROL DEVICES AS REQUIRED BY ACTUAL SITE CONDITIONS TO REFLECT PROJECT PHASING REQUIREMENTS.

10. EROSION AND SEDIMENTATION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING THE PREPARATION AND FILING OF ANY REQUIRED STORMWATER POLLUTION PREVENTION PLANS. PERMITS, NOISE NOTICE OF INTENT, PERMIT FEES, ETC. ALL COSTS ASSOCIATED WITH EROSION AND SEDIMENT CONTROL AND ASSOCIATED PERMITTING (IF REQUIRED) SHALL BE INCLUDED IN THE CONTRACTS BID.

11. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS REGARDING ENDANGERED AND THREATENED SPECIES, AND STATE LISTED SPECIES OF SPECIAL CONCERN THAT COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA.

12. THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN DETOUR FOR CLOSURE OF EXISTING SIDEWALK. A 4 FT. DECKED PEDESTRIAN CHANNELING DEVICE AND THE EXACT LOCATION OF ALL TEMPORARY SIGNS AND BARRICADES MUST BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER TO ENSURE MINIMUM SIGHT DISTANCES ARE MET.

13. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY HAULING OR EXCAVATION EQUIPMENT MUST BE REPAIRED AT THE CONTRACTOR'S EXPENSE. PROVIDE TWO WORKING DAYS NOTICE TO UTILITY AGENCY/OWNER IN ORDER TO LOCATE AND IDENTIFY THEIR EXISTING UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, AS ESTABLISHED BY THE "UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT."

14. THE SUPERVISOR OR FOREMEN CONTROLLING THE WORK FOR THE CONTRACTOR ON THE PROJECT SHALL HAVE A WORK ZONE TRAFFIC CONTROL SAFETY CERTIFICATION OR TRAFFIC SUPERVISOR CERTIFICATION FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION. THE SUPERVISOR OR FOREMEN CONTROLLING THE WORK FOR THE CONTRACTOR ON THE PROJECT SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION. USE THE FOLLOWING INFORMATION IN DEVELOPING A MAINTENANCE OF TRAFFIC PLAN:

   - PROVIDE TEMPORARY TRAFFIC CONTROL FOR BICYCLISTS AND PEDESTRIANS WHEN EXISTING BICYCLE AND PEDESTRIAN FACILITIES ARE IMPACTED.
   - MAINTAIN THE EXISTING NUMBER OF LANES AND 2-WAY TRAFFIC AT ALL TIMES.
   - MAINTAIN THE EXISTING SPEED LIMIT (THROUGHOUT PROJECT LIMITS)
   - PROVIDE BIKE PATHS AND PEDESTRIAN FACILITIES ARE IMPACTED.
   - MAINTAIN THE EXISTING SPEED LIMIT (THROUGHOUT PROJECT LIMITS)
   - PROVIDE BIKE PATHS AND PEDESTRIAN FACILITIES ARE IMPACTED.
   - MAINTAIN THE EXISTING SPEED LIMIT (THROUGHOUT PROJECT LIMITS)

TRAFFIC CONTROL NOTES

1. MAINTENANCE OF TRAFFIC MUST BE IN ACCORDANCE WITH FDOT, LIVE TRAFFIC AND SPEED LIMITS SPECIFICATIONS, LATEST EDITION. USE THE FOLLOWING INFORMATION IN DEVELOPING A MAINTENANCE OF TRAFFIC PLAN:

   - MAINTAIN THE EXISTING SPEED LIMIT (THROUGHOUT PROJECT LIMITS)
   - PROVIDE TEMPORARY TRAFFIC CONTROL FOR BICYCLISTS AND PEDESTRIANS WHEN EXISTING BICYCLE AND PEDESTRIAN FACILITIES ARE IMPACTED.

2. THE SUPERVISOR OR FOREMEN CONTROLLING THE WORK FOR THE CONTRACTOR ON THE PROJECT SHALL HAVE A WORK ZONE TRAFFIC CONTROL SAFETY CERTIFICATION OR TRAFFIC SUPERVISOR CERTIFICATION FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION. THE SUPERVISOR OR FOREMEN CONTROLLING THE WORK FOR THE CONTRACTOR ON THE PROJECT SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION.

3. THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN DETOUR FOR CLOSURE OF EXISTING SIDEWALK. A 4 FT. WIDE TEMPORARY PEDESTRIAN WALKWAY SHALL BE PROVIDED, AS NECESSARY, AROUND THE WORK ZONE AND DELINERATED WITH PEDESTRIAN LONITUDINAL CHANNELING DEVICES IN ACCORDANCE WITH FOOT INDEX 102-075.

4. THE EXACT LOCATION OF ALL TEMPORARY SIGNS AND BARRICADES MUST BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER TO ENSURE MINIMUM SIGHT DISTANCES ARE MAINTAINED.

5. MAINTAIN ALL EXISTING WARNING, GUIDE, AND REGULATORY SIGNS AT ALL TIMES.

6. ALL LANES MUST BE RE-OPENED WITHIN 12 HOURS FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER EMERGENCY EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT.
MIRABAY PAVEMENT REHABILITATION

PROJECT NO. 00023801.02
SHT. NO. 7

ROADWAY PLAN (2)

MATCH LINE - SEE ROADWAY PLAN (1)

MATCH LINE - SEE ROADWAY PLAN (3)

LEGEND

ASPHALT PAVEMENT (MILLING AND RESURFACING)

LIMITS OF PAVEMENT RECONSTRUCTION (FULL-DEPTH RECLAMATION)

MATCH LINE - SEE ROADWAY PLAN (1)

MATCH LINE - SEE ROADWAY PLAN (3)

MATCH LINE - SEE ROADWAY PLAN (1)
MATCH LINE - SEE ROADWAY PLAN (2)

LEGEND

- Asphalt Pavement (Milling and Resurfacing)
- Limits of Pavement Reconstruction (Full-Depth Reclamation)

MIRABAY BOULEVARD ACCESS GATE

MILLING AND RESURFACING LIMITS

ADJUST MANHOLE

REPLACE (1) TRAFFIC LOOPS IN-KIND

REPLACE (2) TRAFFIC LOOPS IN-KIND

REPLACE (3) TRAFFIC LOOPS IN-KIND

GOLF AND SEA BOULEVARD

MATCH LINE - SEE ROADWAY PLAN (2)

ROADWAY PLAN (3)

MIRABAY PAVEMENT REHABILITATION

380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29955
JEREMY FIORE RUNKLE, P.E. NO. 73855

PROJECT NO. 00023801.02
SHT. NO. 8

4/13/2020

THE ORIGINAL REPRODUCED SHEET IS THE ELECTRONIC FILE DELICTLY SIGNED AND SEALED UNDER RULE 615.G.15-23.004, F.A.C.
99 LF OF 6" WHITE STRIPE

112 LF OF 6" YELLOW STRIPE

1" DOUBLE YELLOW STRIPE W/ 20 CC (TYP.)
INDEXES 706-001 AND 711-001

653 LF OF 6" DOUBLE YELLOW STRIPE
WITH T/Y RPM'S @ 40 CC PER FOOT
INDEXES 706-001 AND 711-001

226 LF OF 6" YELLOW STRIPE

INDEXES 706-001 AND 711-001

99 LF OF 6" WHITE STRIPE

18" YELLOW STRIPE
INDEXES 706-001 AND 711-001

226 LF OF 6" YELLOW STRIPE

99 LF OF 6" WHITE STRIPE

INDEXES 706-001 AND 711-001

INDEXES 706-001 AND 711-001

MATCH LINE SEE ROADWAY PLAN (2)
MATCH LINE - SEE ROADWAY PLAN (2)

18" YELLOW STRIPE
@ 20' CC (TYP)

96 LF OF 6" WHITE STRIPE

248 LF OF 6" DOUBLE YELLOW STRIPE
WITH Y/Y RPMs @ 20' CC PER FOOT
INDEXES 766-001 AND 771-001

134 LF OF 6' YELLOW STRIPE

213 LF OF 6' WHITE STRIPE

219 LF OF 6' YELLOW STRIPE

216 LF OF 6' WHITE 10:30 SKIP STRIPE
WITH W/R RPMs @ 40 CC PER FOOT
INDEXES 706-002 AND 711-001

248 LF OF 6" DOUBLE YELLOW STRIPE
WITH Y/Y RPMs @ 20' CC PER FOOT
INDEXES 766-001 AND 771-001

96 LF OF 6" WHITE STRIPE

213 LF OF 6' WHITE STRIPE

219 LF OF 6' YELLOW STRIPE

216 LF OF 6' WHITE 10:30 SKIP STRIPE
WITH W/R RPMs @ 40 CC PER FOOT
INDEXES 706-002 AND 711-001

248 LF OF 6" DOUBLE YELLOW STRIPE
WITH Y/Y RPMs @ 20' CC PER FOOT
INDEXES 766-001 AND 771-001

96 LF OF 6" WHITE STRIPE

213 LF OF 6' WHITE STRIPE

219 LF OF 6' YELLOW STRIPE

216 LF OF 6' WHITE 10:30 SKIP STRIPE
WITH W/R RPMs @ 40 CC PER FOOT
INDEXES 706-002 AND 711-001