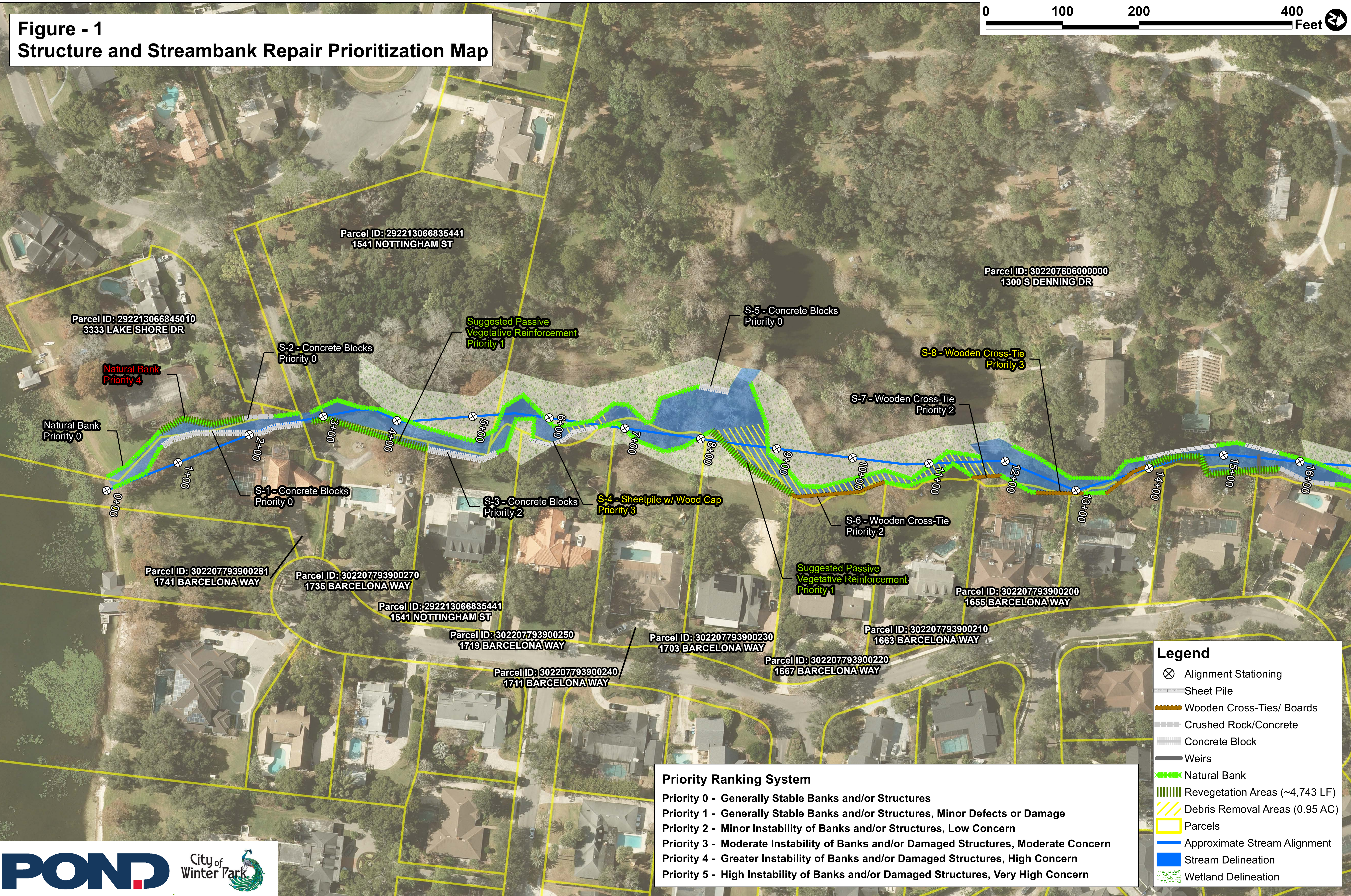


**Figure - 1  
Structure and Streambank Repair Prioritization Map**



**Priority Ranking System**

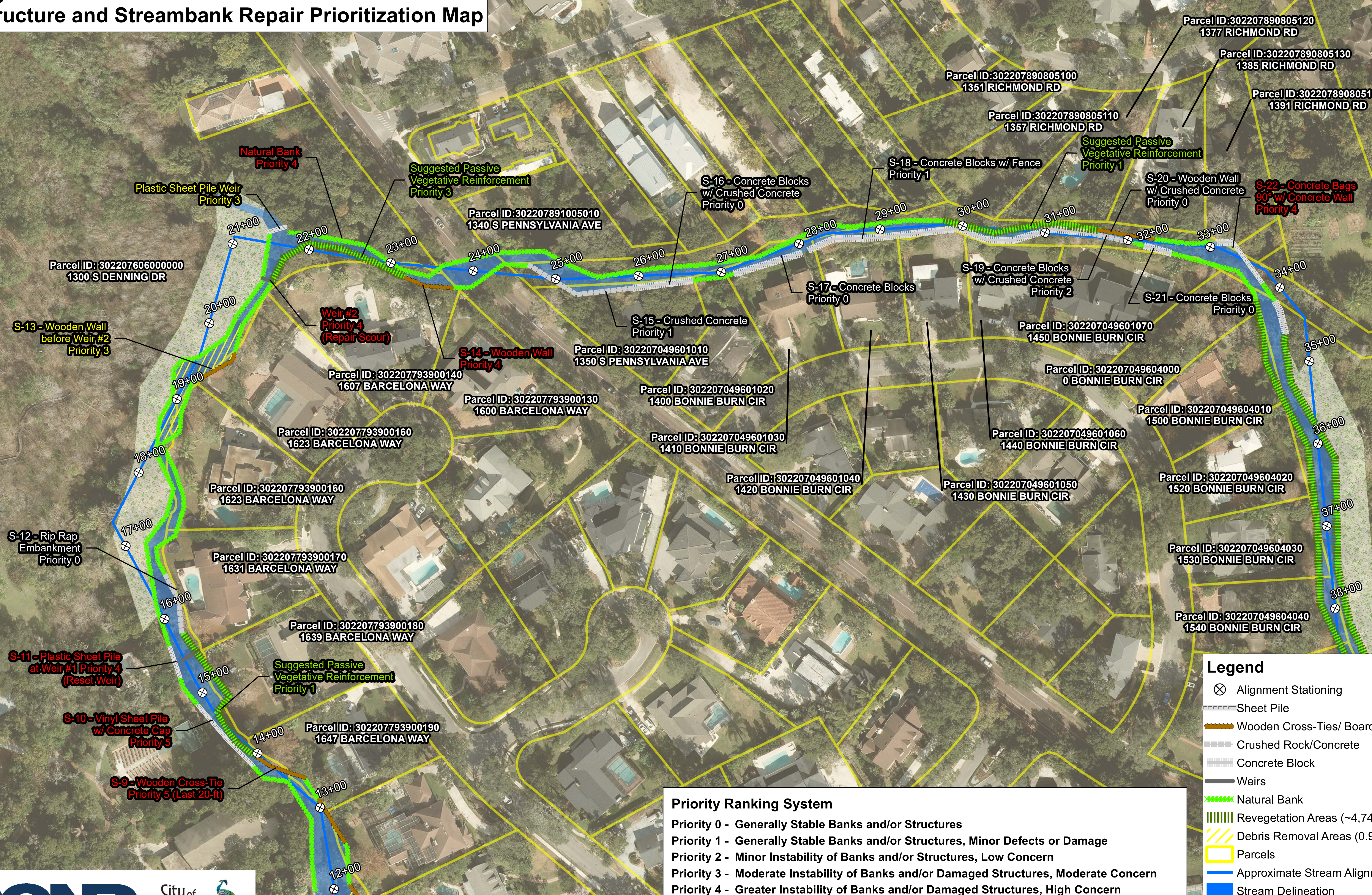
- Priority 0 - Generally Stable Banks and/or Structures
- Priority 1 - Generally Stable Banks and/or Structures, Minor Defects or Damage
- Priority 2 - Minor Instability of Banks and/or Structures, Low Concern
- Priority 3 - Moderate Instability of Banks and/or Damaged Structures, Moderate Concern
- Priority 4 - Greater Instability of Banks and/or Damaged Structures, High Concern
- Priority 5 - High Instability of Banks and/or Damaged Structures, Very High Concern

**Legend**

- ⊗ Alignment Stationing
- Sheet Pile
- Wooden Cross-Ties/ Boards
- Crushed Rock/Concrete
- Concrete Block
- Weirs
- Natural Bank
- Revegetation Areas (~4,743 LF)
- Debris Removal Areas (0.95 AC)
- Parcels
- Approximate Stream Alignment
- Stream Delineation
- Wetland Delineation



**Figure - 2**  
**Structure and Streambank Repair Prioritization Map**



**Priority Ranking System**

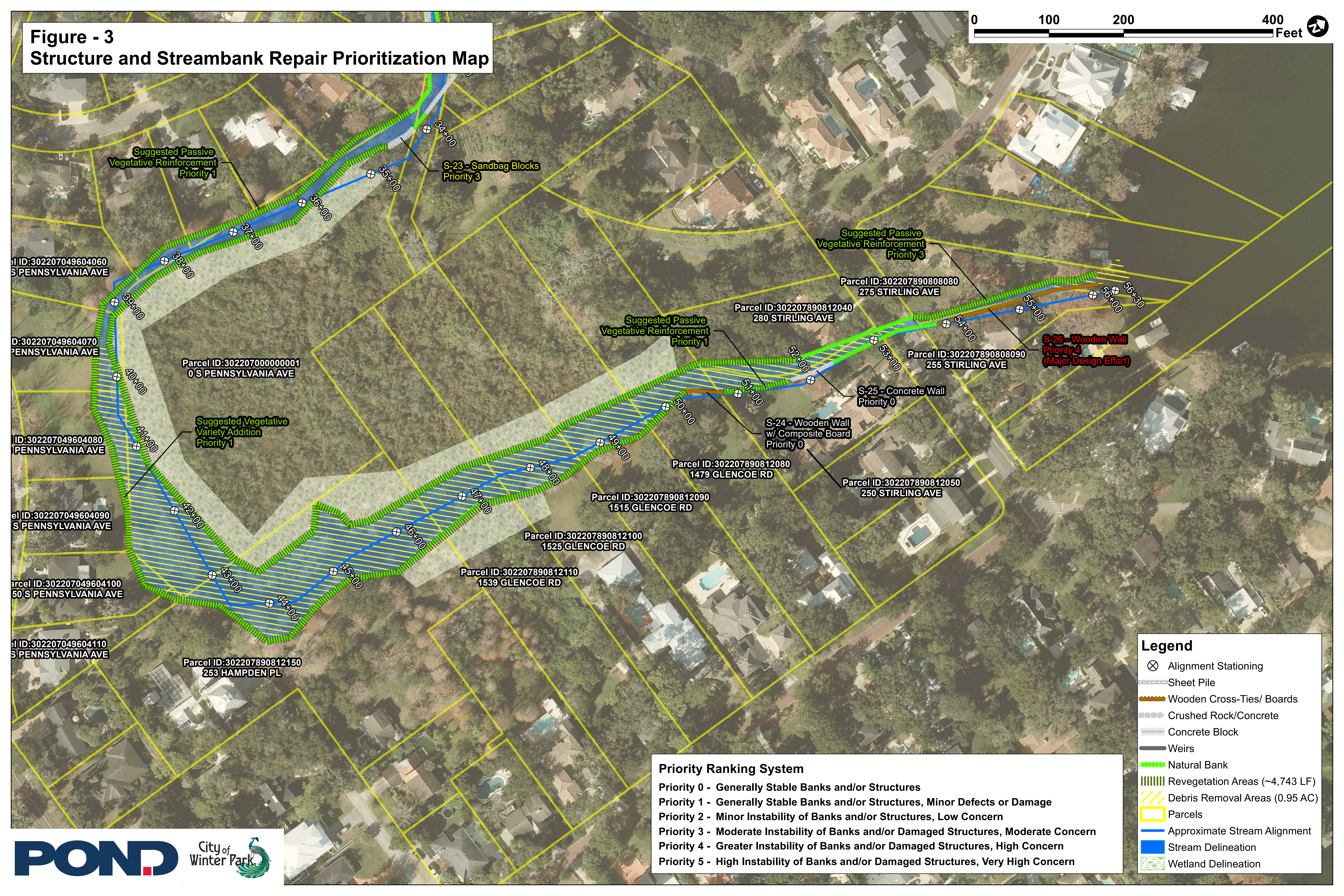
- Priority 0 - Generally Stable Banks and/or Structures
- Priority 1 - Generally Stable Banks and/or Structures, Minor Defects or Damage
- Priority 2 - Minor Instability of Banks and/or Structures, Low Concern
- Priority 3 - Moderate Instability of Banks and/or Damaged Structures, Moderate Concern
- Priority 4 - Greater Instability of Banks and/or Damaged Structures, High Concern
- Priority 5 - High Instability of Banks and/or Damaged Structures, Very High Concern

**Legend**

- ⊗ Alignment Stationing
- Sheet Pile
- Wooden Cross-Ties/ Boards
- Crushed Rock/Concrete
- Concrete Block
- Weirs
- Natural Bank
- Revegetation Areas (~4,743 LF)
- Debris Removal Areas (0.95 AC)
- Parcels
- Approximate Stream Alignment
- Stream Delineation
- Wetland Delineation



**Figure - 3  
Structure and Streambank Repair Prioritization Map**



**Legend**

- ⊗ Alignment Stationing
- ▬ Sheet Pile
- ▬ Wooden Cross-Ties/ Boards
- ▬ Crushed Rock/Concrete
- ▬ Concrete Block
- ▬ Weirs
- ▬ Natural Bank
- ▬ Revegetation Areas (~4,743 LF)
- ▬ Debris Removal Areas (0.95 AC)
- ▬ Parcels
- ▬ Approximate Stream Alignment
- ▬ Stream Delineation
- ▬ Wetland Delineation

**Priority Ranking System**

- Priority 0 - Generally Stable Banks and/or Structures
- Priority 1 - Generally Stable Banks and/or Structures, Minor Defects or Damage
- Priority 2 - Minor Instability of Banks and/or Structures, Low Concern
- Priority 3 - Moderate Instability of Banks and/or Damaged Structures, Moderate Concern
- Priority 4 - Greater Instability of Banks and/or Damaged Structures, High Concern
- Priority 5 - High Instability of Banks and/or Damaged Structures, Very High Concern



**Table 5 – Structure and Bank Repair Options\***

Structure ID	Parcel ID	Address	Repair Priority	Potential Stabilization/Restoration Measure Options	Proposed Phase & Permitting Scenario
S-1 (Sta. 0+75)	302207793900281	1741 BARCELONA WAY	0	No Action is Recommended	NA
Natural Bank (L) (Sta. 1+00)	292213066845010	3333 LAKE SHORE DR	4	Bank Grading, Coir Fiber Matting, and Plantings	2
S-2 (Sta. 1+75)	292213066845010	3333 LAKE SHORE DR	0	No Action is Recommended	NA
S-3 (Sta. 5+00)	292213066835441	1541 NOTTINGHAM ST	2	No Action is Recommended	NA
S-4 (Sta. 6+00)	302207793900250	1719 BARCELONA WAY	3	Bioengineered Natural Wall System with Plantings	2
S-5 (Sta. 8+00)	302207606000000	1300 S DENNING DR	0	No Action is Recommended	NA
S-6 (Sta. 9+50)	302207793900220	1667 BARCELONA WAY	2	No Action is Recommended	NA
S-7 (Sta. 11+50)	302207793900200	1655 BARCELONA WAY	2	No Action is Recommended	NA
S-8 (Sta. 12+75)	302207793900200 302207793900190	1647/1655 BARCELONA WAY	3	Bioengineered Natural Wall System with Plantings	2
S-9 (Sta. 13+75)	302207793900190	1647 BARCELONA WAY	5	Bioengineered Natural Wall System with Plantings	2
S-10 (Sta. 14+75)	302207606000000	1300 S DENNING DR	5	Guardian Permashield or Gabion Baskets	2
S-11 / Weir #1 (Sta. 15+50)	302207606000000	1300 S DENNING DR	4	Reset Weir, Bioengineered Natural Wall System with Plantings	2
S-12 (Sta. 16+00)	302207793900170	1631 BARCELONA WAY	0	No Action is Recommended	NA
S-13 (Sta. 19+50)	302207793900150	1615 BARCELONA WAY	3	Bioengineered Natural Wall System with Plantings	2
Weir #2 (Sta. 20+75)	302207606000000	1300 S DENNING DR	4	Reset Weir, Bioengineered Natural Wall System with Plantings	2
Plastic Weir (Sta. 21+50)	302207606000000	1300 S DENNING DR	3	In-kind Maintenance, Tie Back Into Slope	2
Natural Bank (L) (Sta. 22+50)	302207606000000	1300 S DENNING DR	4	Bioengineered Natural Wall System with Plantings	3
S-14 (Sta. 23+25)	302207793900140	1607 BARCELONA WAY	4	Guardian Permashield or Sheet Pile	2
S-15 (Sta. 25+50)	302207049601010	1350 S PENNSYLVANIA AVE	1	No Action is Recommended	NA
S-16 (Sta. 26+25)	302207049601010	1350 S PENNSYLVANIA AVE	0	No Action is Recommended	NA
S-17 (Sta. 27+75)	302207049601030	1410 BONNIE BURN CIR	0	No Action is Recommended	NA
S-18 (Sta. 28+75)	302207049601040	1420 BONNIE BURN CIR	1	No Action is Recommended	NA
S-19 (Sta. 31+75)	302207049601060	1440 BONNIE BURN CIR	2	No Action is Recommended	NA
S-20 (Sta. 31+75)	302207890805130	1385 RICHMOND RD	0	No Action is Recommended	NA
S-21 (Sta. 32+25)	302207049601070	1450 BONNIE BURN CIR	0	No Action is Recommended	NA
S-22 (Sta. 33+25)	302207890805140	1391 RICHMOND RD	4	Injection Grouting and Bank Void Backfill	1
S-23 (Sta. 34+50)	302207000000001	0 S PENNSYLVANIA AVE	3	Bioengineered Natural Wall System with Plantings	2
Natural Bank (Sta. 55+00)	302207890808080	275 STIRLING AVE	3	Bioengineered Natural Wall System with Plantings	2
Passive Vegetative Improvements	Multiple Reach-Wide	Multiple Reach-Wide	5	Vegetative Planting and Coir Fiber Matting Installation (as needed)	1
Debris Removal	Multiple Reach-Wide	Multiple Reach-Wide	4	Accumulated Sediment Removal to Native Substrate/Pre-Storm Condition	2

\*Note that all potential repair and/or stabilization measures, their associated priority, permitting phase, etc. are subject to change upon further evaluation, design development, permit consideration review, and budgetary constraints.