



Parks

Vanderbilt Motor Parkway Phase 2

Located between Springfield Boulevard to 199th Street north of 67th Avenue,
in the Borough of Queens.

Community Boards 8 and 11 Design Review
September 26, 2019
Martha Burgess, NYC Parks

Total Budget: \$4m
Mayor, Bill de Blasio - \$4m FY19

Project Size: 13.89 ac

Goals

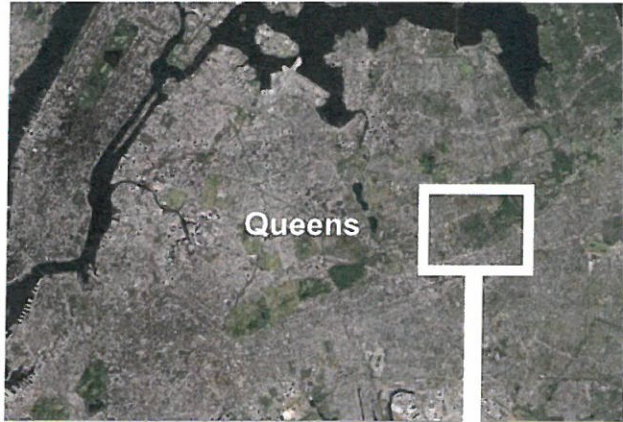
- Re-pave Parkway
- Widen Parkway where permitted
- Resolve drainage issues



NYC Parks

Replacement in Kind

Vanderbilt Motor Parkway - Phase 2 | Project Goals



City

2 MI



Neighborhood

1000 FT



Site

200 FT



Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Project Location

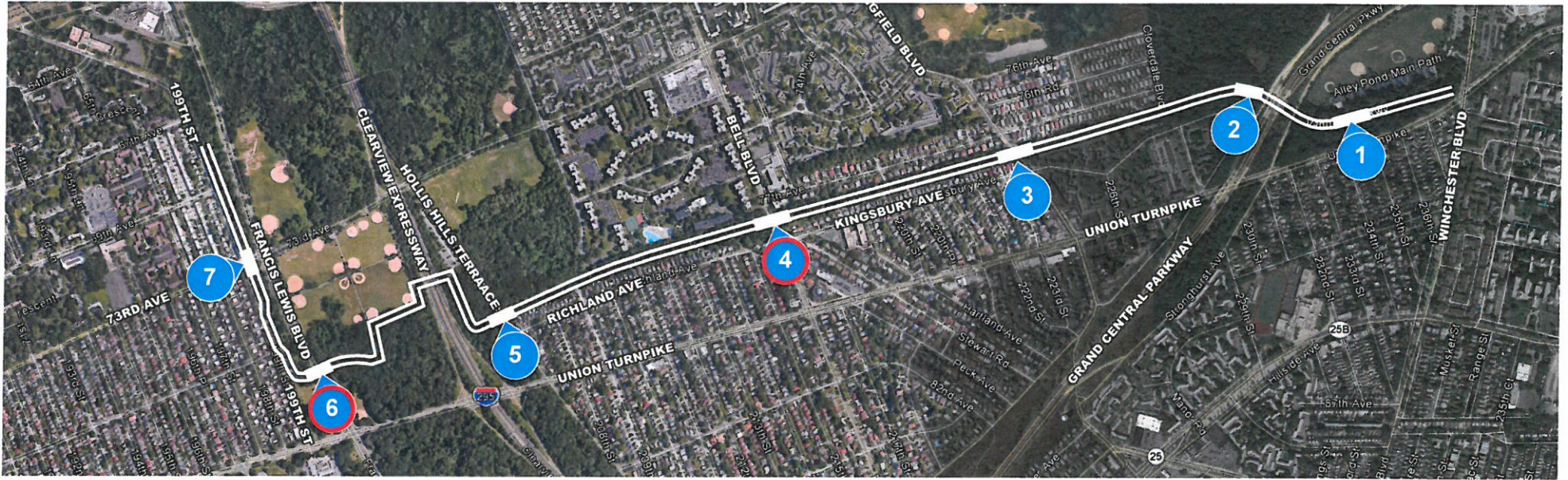


1 - Extents of Vanderbilt Motor Parkway - Phase 2










Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Limit of Work





 Vanderbilt Parkway
 Parkway Bridge

-  **1** Bridge 1 - Between Grand Central Parkway and Winchester Boulevard, north of Union Turnpike
-  **2** Bridge 2 - Between Grand Central Parkway and Cloverdale Boulevard
-  **3** Bridge 3 - Springfield Boulevard between Kingsbury Avenue and 77th Avenue
-  **4** Bridge 4 - Bell Boulevard between Kingsbury Ave and 77th Avenue
-  **5** Bridge 5 - Hollis Hills Terrace north of Richland Avenue
-  **6** Bridge 6 - Francis Lewis Boulevard between Union Turnpike and 73rd Avenue
-  **7** Bridge 7 - 73rd Ave between Francis Lewis Boulevard and 199th Street



Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Parkway Bridges



Flood Hazard Zones

2015 Preliminary Flood Insurance Rate Map

- **V Zone (100-year floodplain subject to wave action)**
Areas along coasts subject to inundation by the 1% annual chance flood event with additional hazards associated with storm-induced waves.
- **A Zone (100-year floodplain)**
Areas subject to inundation by the 1% annual chance flood event.
- **Shaded X Zone (500-year floodplain)**
Areas within the 0.2% annual chance floodplain, areas of 1% annual chance flooding where average depths are less than 1 foot, areas of 1% annual chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1% annual chance flood by a levee.
- - - **Limit of Moderate Wave Action (LiMWA)**
The inland limit of the area expected to receive 1.5ft or greater breaking waves during the 1% annual chance flood event. Data from 2015 PFIRMs.

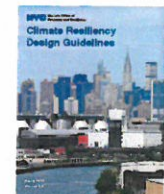
Future Floodplain 2050s

- **Future 1% Annual Chance Floodplain (100-year)**
- **Future 0.2% Annual Chance Floodplain (500-year)**

Further Information:



NYC Parks: Design and Planning for Flood Resiliency



NYC MOR: Climate Resiliency Design Guidelines (v3.0)

Source: <http://www.nyc.gov/floodhazardmapper>

Base Flood Elevation (BFE):



Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Flood Risk





Municipal Separate Storm Sewer System (MS4) Legend:

MS4 Drainage Areas



Parks



MS4 Outfalls

- MS4 Outfall
- CSO with MS4 Connection

A municipal separate storm sewer system (MS4) is a publicly-owned conveyance or system of conveyances (including but not limited to streets, ditches, catch basins, curbs, gutters, and storm drains) that is designed or used for collecting or conveying stormwater and that discharges to surface waters of the State.

Note: Any Parks site that directly discharges to surface waters of the State (e.g. East River, Harlem River, Hudson River, Jamaica Bay, Atlantic Ocean) is an MS4 site regardless of what the MS4 map shows. Parks properties immediately adjacent to or near bodies of water are likely to be downstream of combined sewer regulator points, making them MS4 sites.

Source: <https://www1.nyc.gov/site/dep/water/municipal-separate-storm-sewer-system.page>



Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Municipal Separate Storm Sewer System (MS4)





Land Use Categories

- 1 And 2 Family Residential
- Multi-Family Residential
- Mixed Use
- Open Space And Outdoor Recreation
- Commercial
- Institutional
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots



Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Surrounding Land Use

**Seven Gables
Playground**
Basketball (2)
Handball (2)
Playground (Level 2)
Play equipment

Cunningham Park
Baseball
Soccer
Play Equipment
Spray Shower
Barbeque Areas
Bocce Courts
Cricket Fields
Dog Friendly Areas
Fitness Equipment
Football



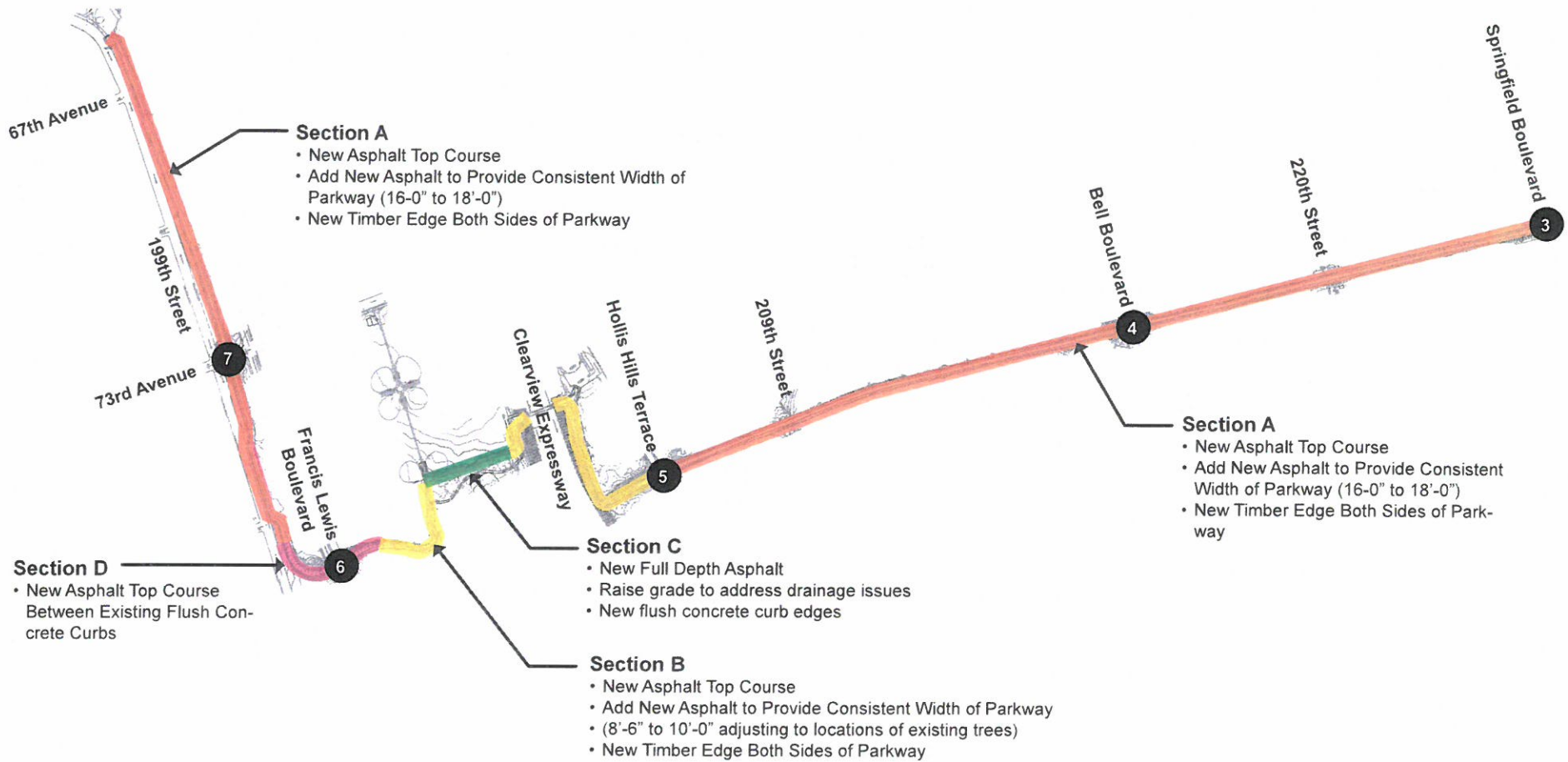
Tall Oak Playground
Handball (2)
Bathrooms (Open Year-Round)
Play equipment (Level 4)
Spray shower (1)

Alley Pond Park
Baseball (5)
Tennis (10)
Handball (4)
Comfort station
Basketball
Spray Shower (1)
Playground (Level 2)

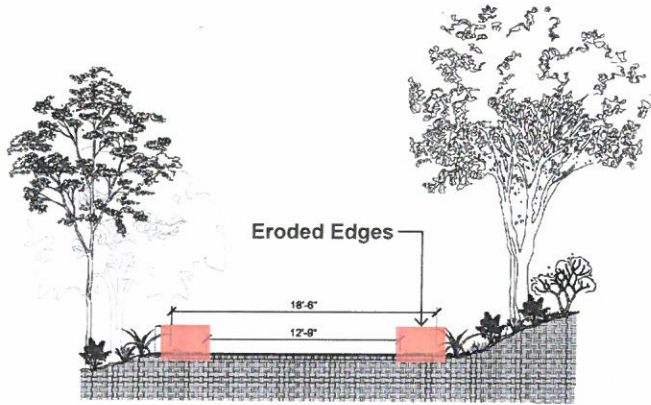
Telephone Playground
Bathrooms (Open Year-Round)
Handball (2)
Swings (Level 2)



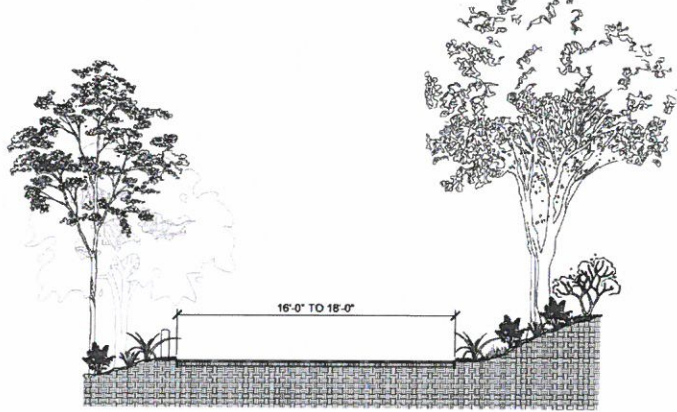
Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Neighborhood Context



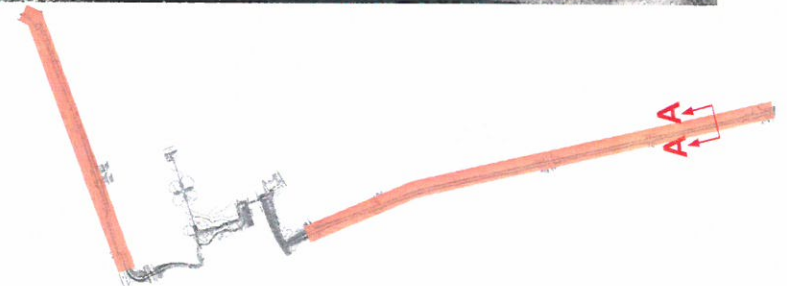
Replacement in Kind
Vanderbilt Motor Parkway - Phase 2 | Proposed Paving Conditions



Existing Condition of Parkway - Narrow Width and Eroding Edge



Proposed Reconstruction with Increased Width and New Timber Edge



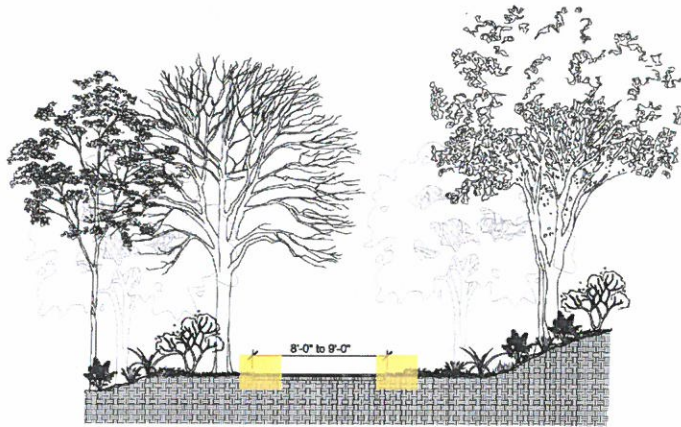
Key Map

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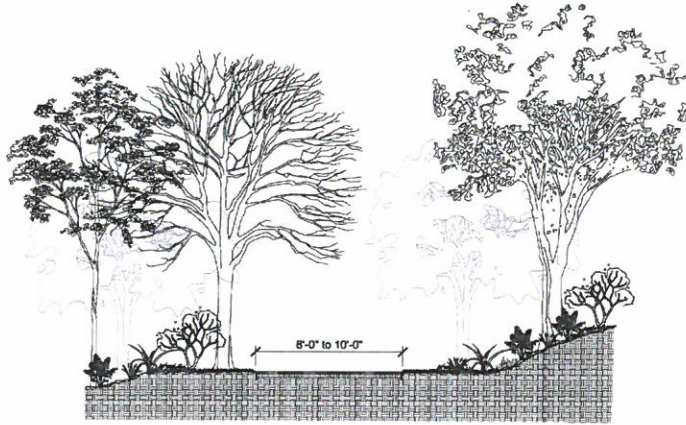


Replacement in Kind

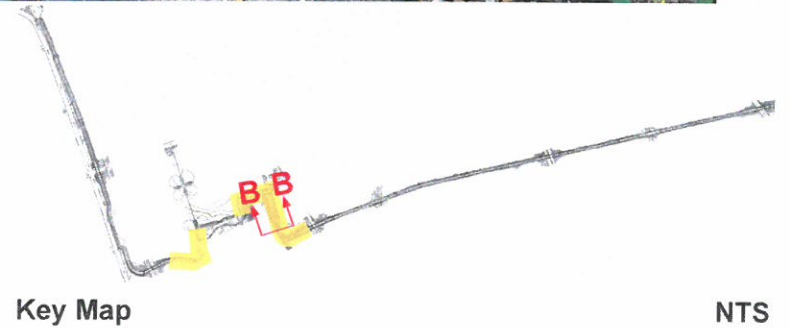
Vanderbilt Motor Parkway - Phase 2 | Existing Conditions and Proposed Reconstruction - Section A



Existing Condition - Narrow with Poor Edge Condition



Proposed Reconstruction with New Timber Edge and Establish Plant Material for Slope Protection

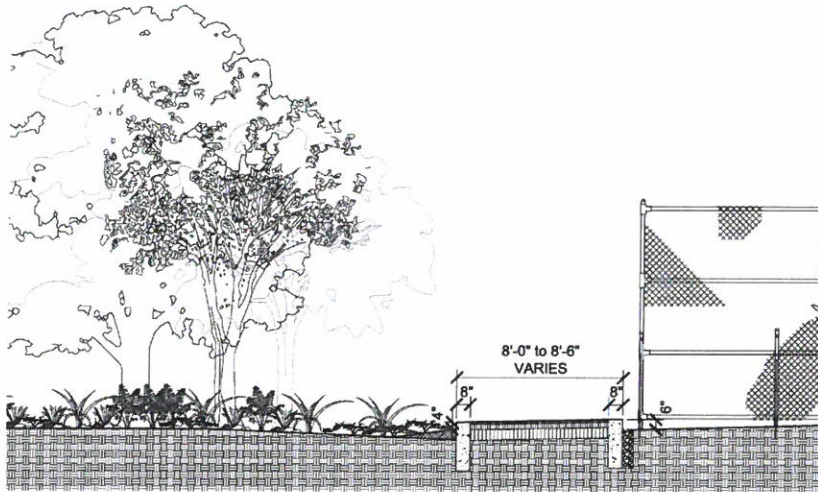


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Replacement in Kind

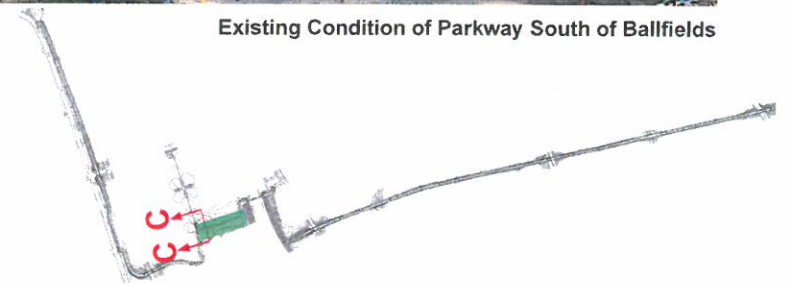
Vanderbilt Motor Parkway - Phase 2 | Existing Conditions and Proposed Reconstruction - Section B



Proposed Reconstruction to Address Drainage Problems South of Ballfields



Existing Condition of Parkway South of Ballfields

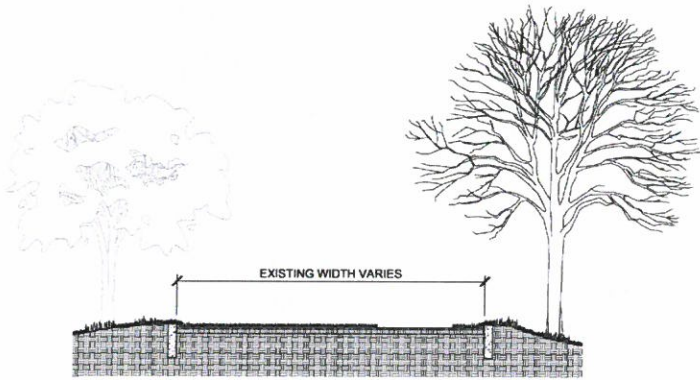


Key Map

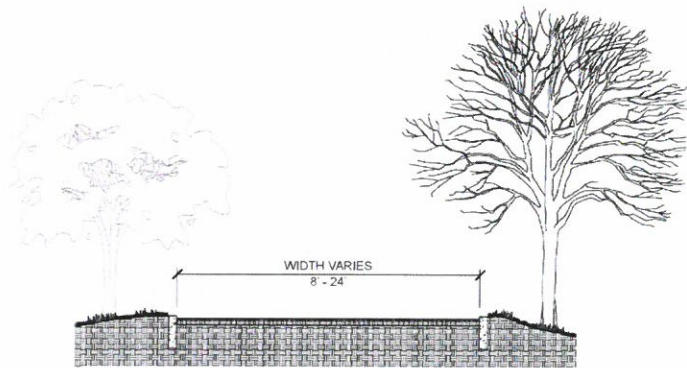
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Replacement in Kind
 Vanderbilt Motor Parkway - Phase 2 | Special Condition at Ball Fields - Section C



Existing Condition, Poor Asphalt Condition with Concrete Curb Edges



Proposed New Asphalt Top Coat with Existing Concrete Curb Edges



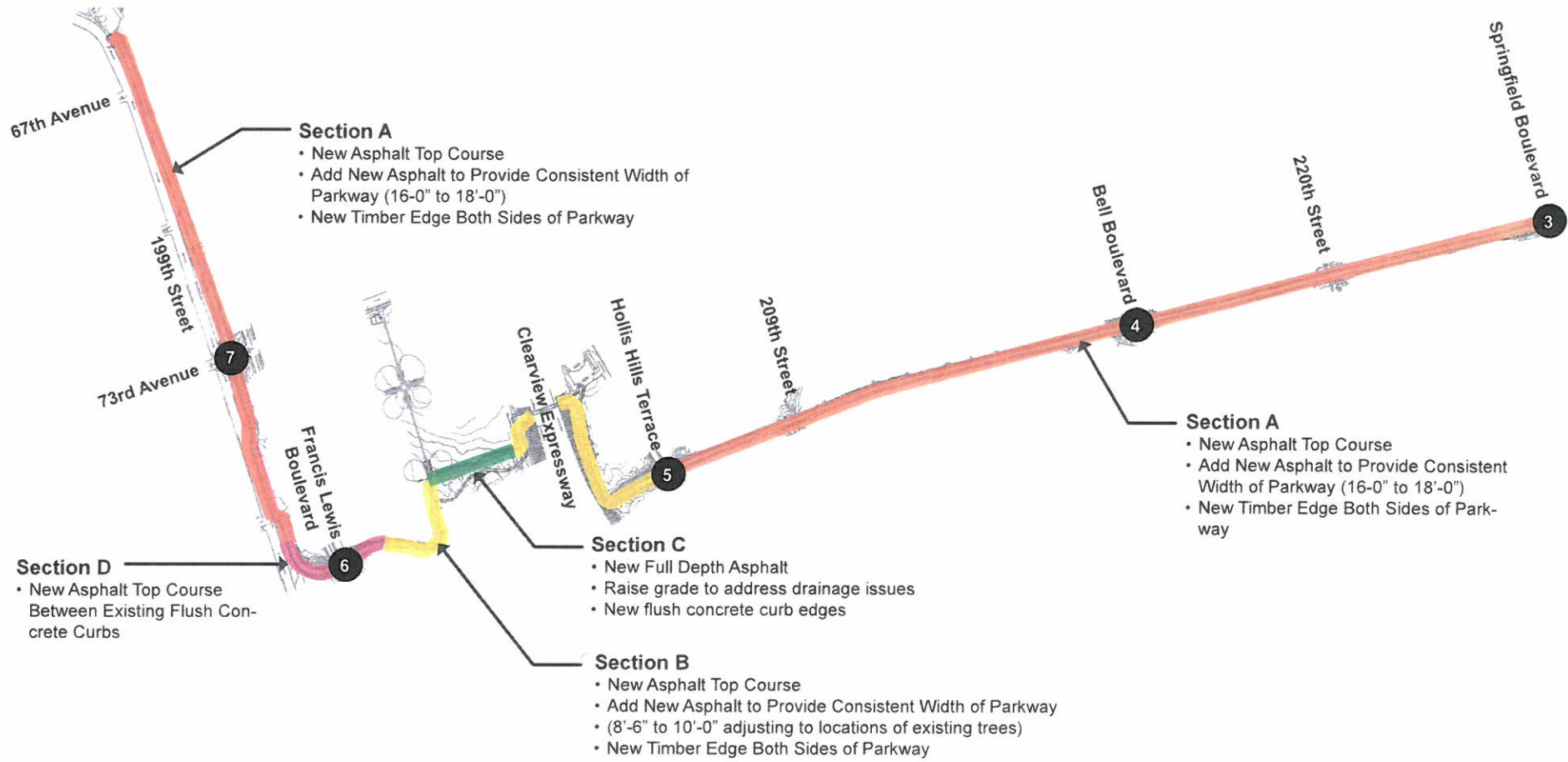
Key Map

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Replacement in Kind

Vanderbilt Motor Parkway - Phase 2 | Existing Conditions and Proposed Reconstruction - Section D



Replacement in Kind

Vanderbilt Motor Parkway - Phase 2 | Proposed Paving Conditions