



TOWN OF NORTH BEACH

CHESAPEAKE AVENUE
STREETSCAPE CONCEPTUAL STUDY

July 2016



Creating a Sense of Arrival



Existing Gateway Sign

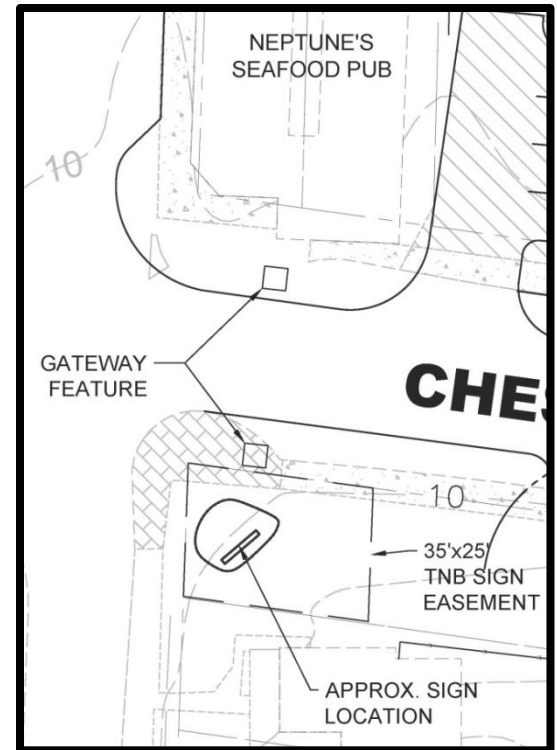
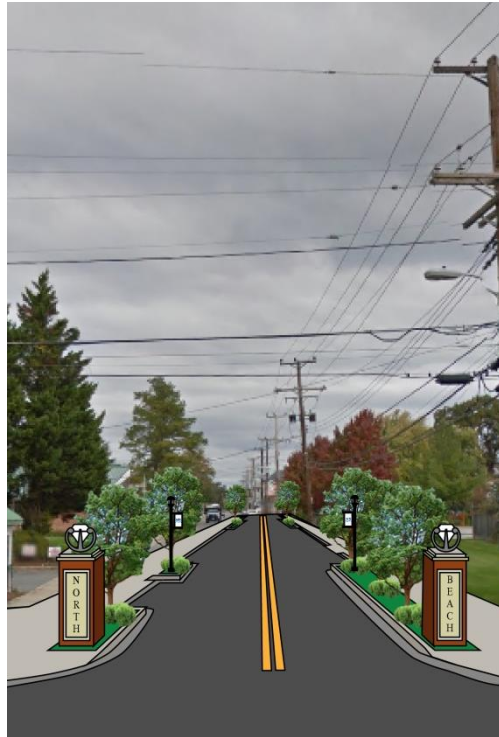


Constrained ROW

Creating a Sense of Arrival

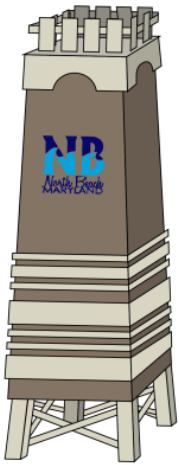


Gateway Feature Concepts



Gateway Feature Concepts

Other Potential Gateway Designs

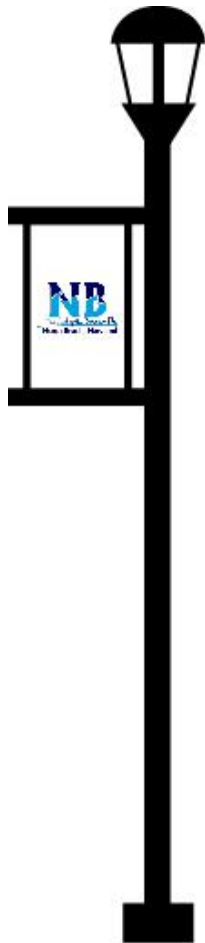


“Shoreline”

“Seaside”

“Nautical”

Identifying the Corridor



Plant Material Selection

Prunus sargentii



Potentilla fruticosa



Buxus microphylla



Kalmia angustifolia



Ilex crenata helleri



Lagerstroemia



Rosa "drift"



Ilex glabra



Liriope muscari "evergreen giant"



Heemerocallis "happy returns"



Quercus phellos



Juniperus parsoni



Ligustrum sinense "sunshine"



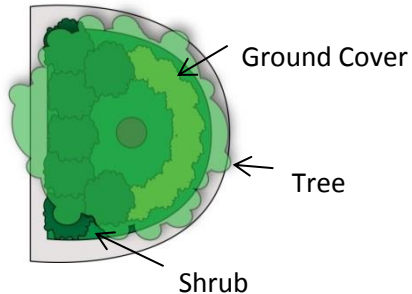
Juniperus "blue pacific"



Heemerocallis "rosy return"



Plant Material Selection

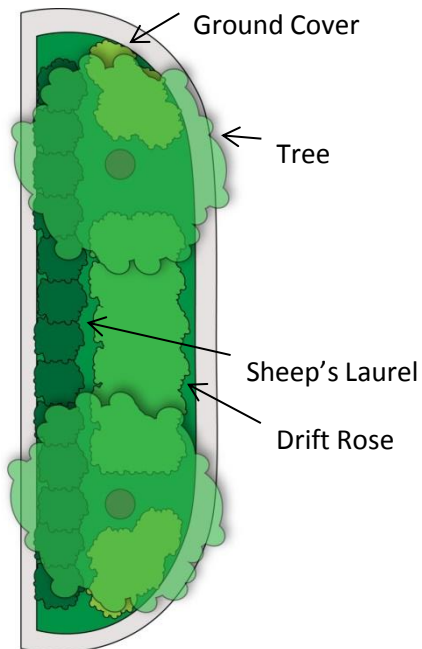


Possible Landscape Layouts

Tree – Sargents

Shrub - Dwarf Boxwood

Groundcover – Happy Returns Daylily



Tree – Crape Myrtle – Tonto

Shrub – Potentilla “Apple Blossom”

Groundcover – Parson’s Juniper

Tree – Willow Oak

Shrub - Sheep’s Laurel, Drift Rose

Groundcover – Evergreen Giant Liriope or Rosey Returns Daylily

Beautifying the Corridor

Robert M. Callis Memorial Park



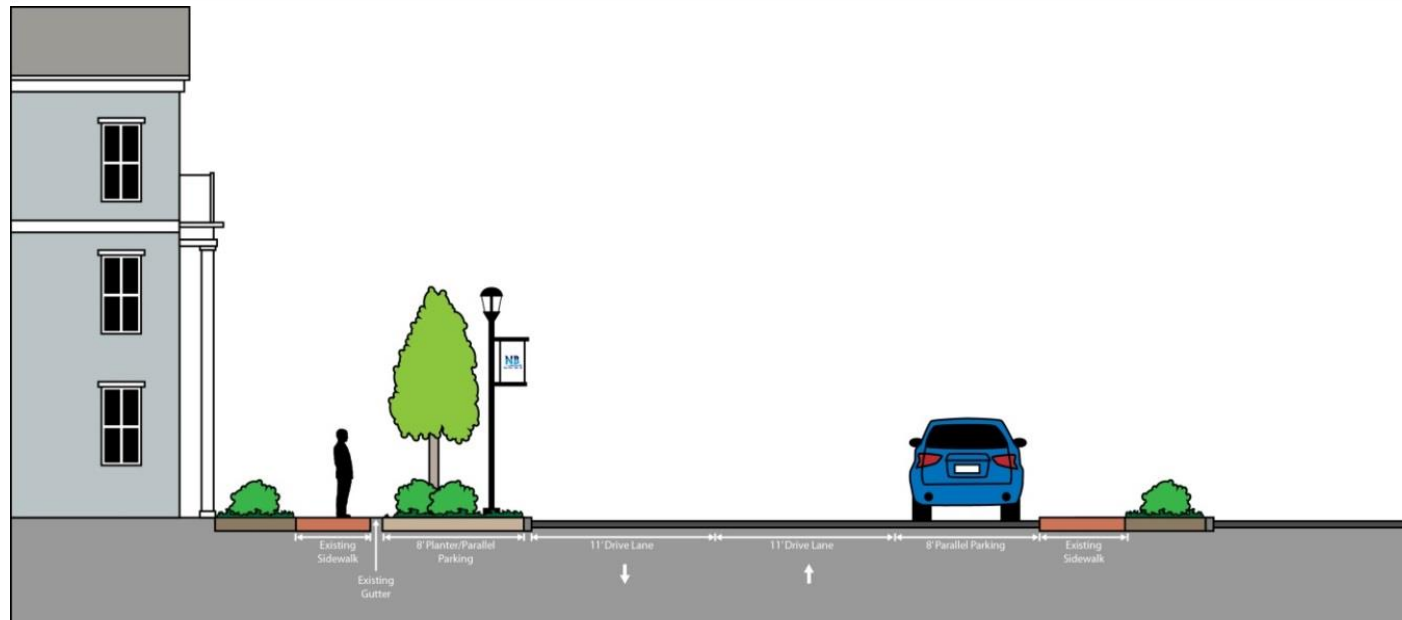
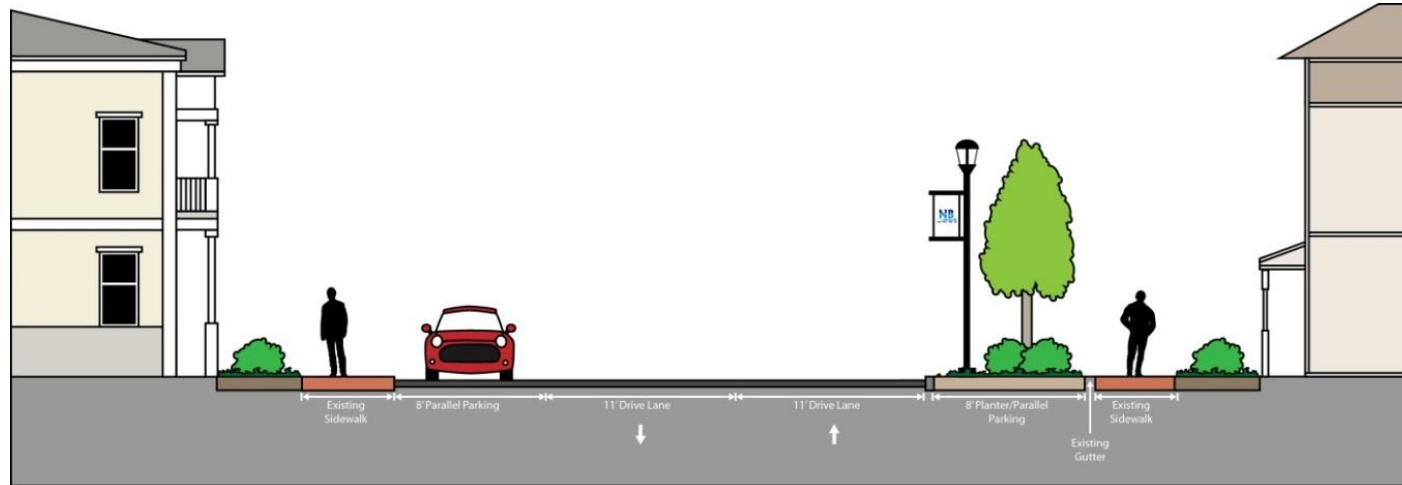
Potential Shade Structure Improvements



Potential Fence Improvements



Proposed Typical Sections



Conceptual Design

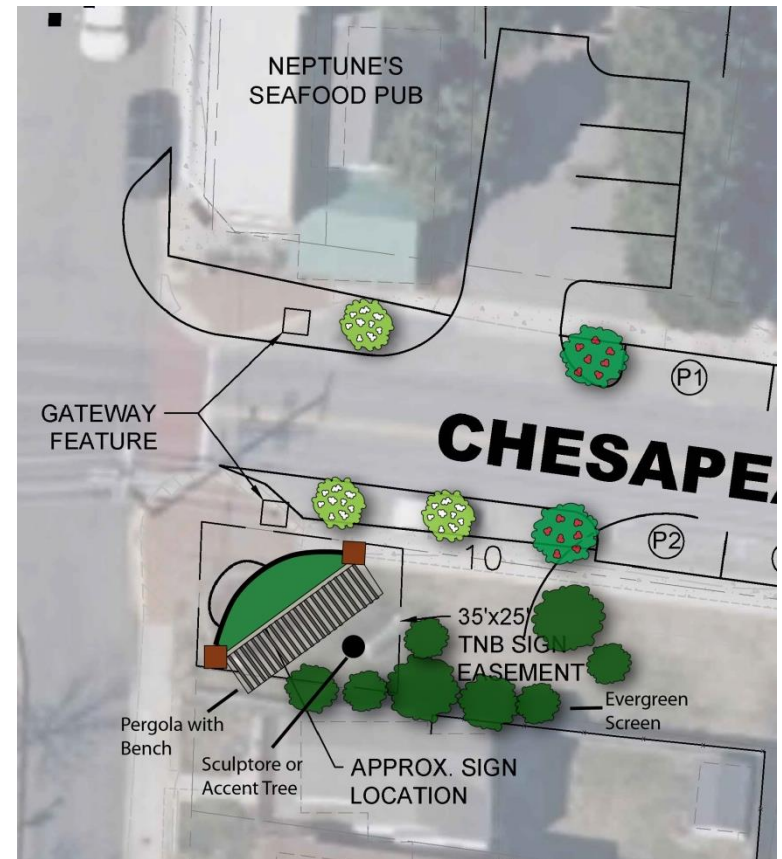
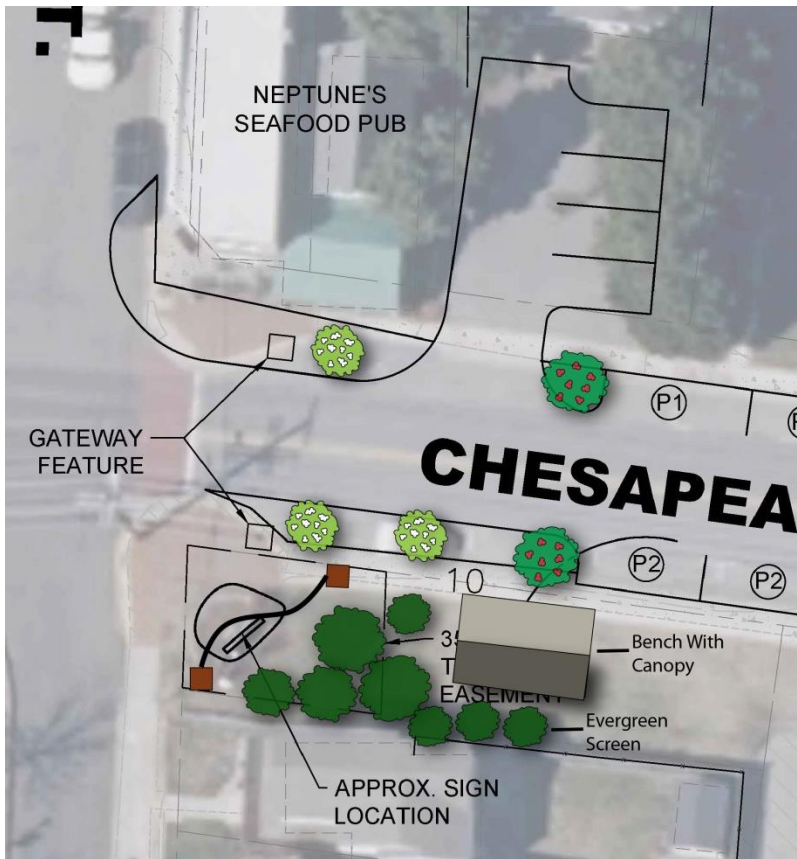


Conceptual Design

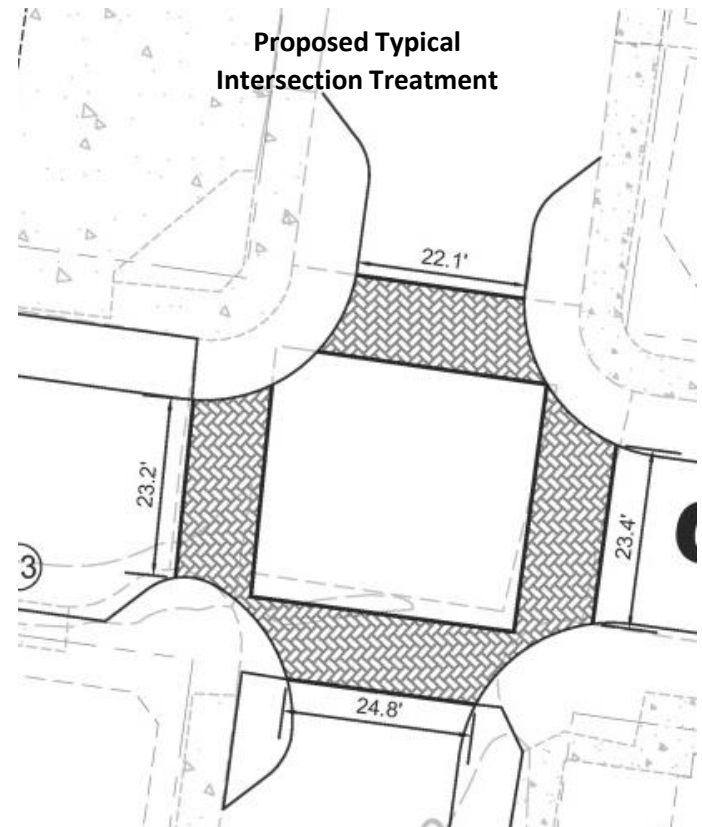


Beautifying the Corridor

Gateway Linear Park



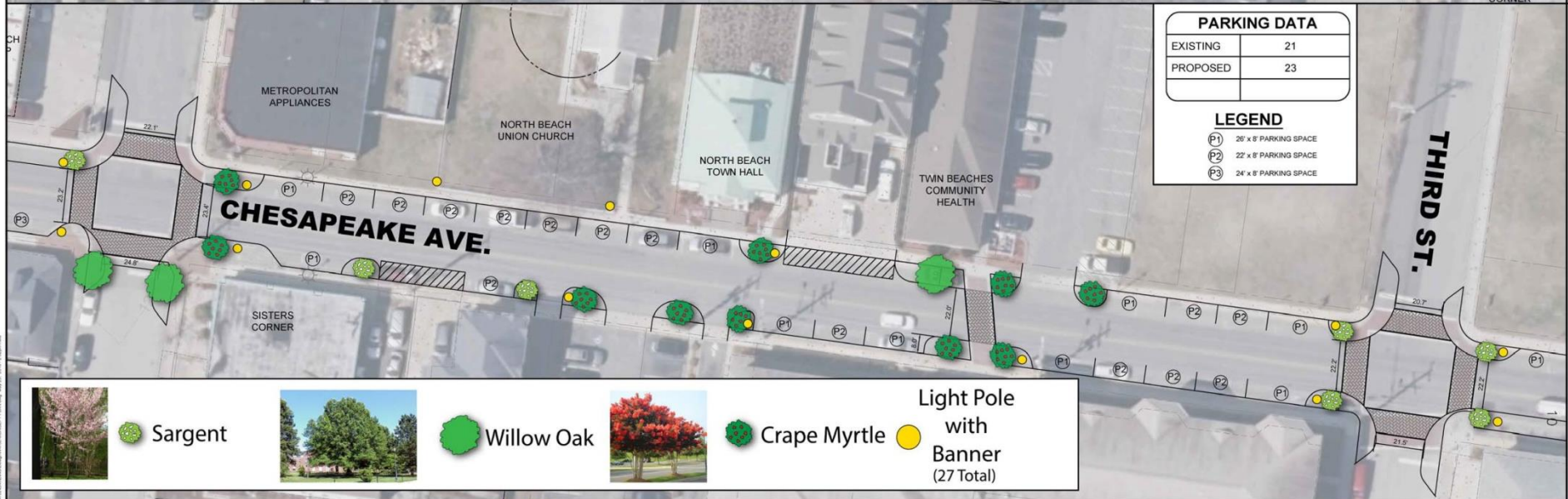
Intersection Enhancements





PARKING DATA	
EXISTING	22
PROPOSED	19

LEGEND	
P1	26' x 8' PARKING SPACE
P2	22' x 8' PARKING SPACE
P3	24' x 8' PARKING SPACE



PARKING DATA	
EXISTING	21
PROPOSED	23

LEGEND	
P1	26' x 8' PARKING SPACE
P2	22' x 8' PARKING SPACE
P3	24' x 8' PARKING SPACE



Sargent



Willow Oak



Crape Myrtle



Light Pole
with
Banner
(27 Total)

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			



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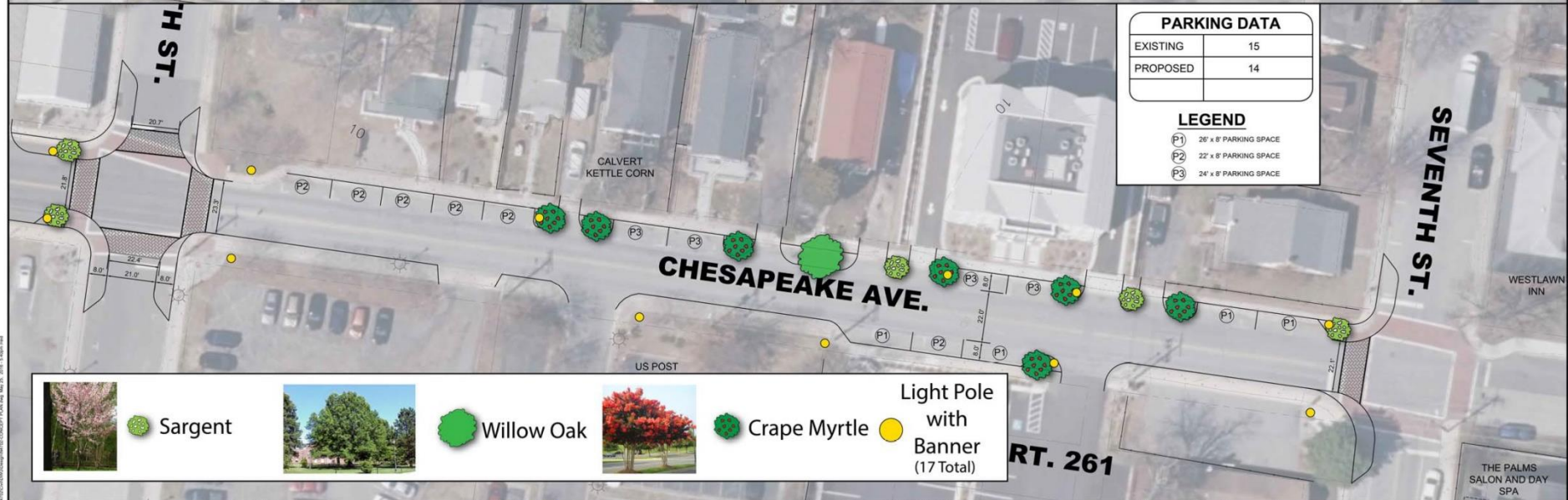
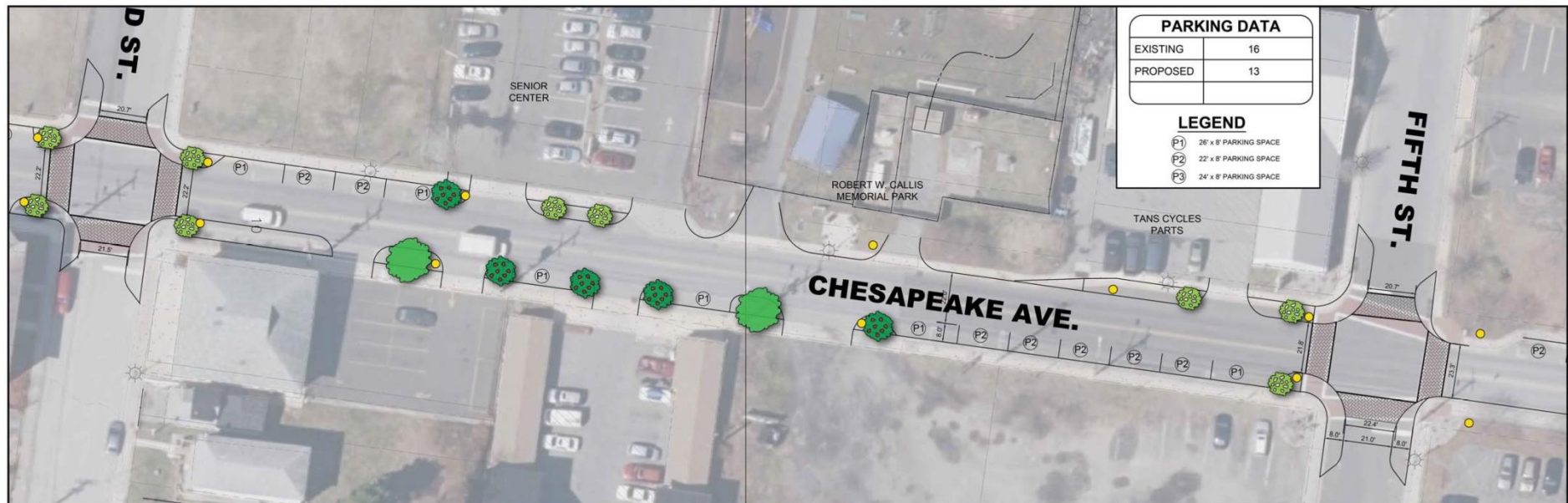
Date: 5/25/2016
Scale: 1"=20'

NORTH BEACH STREETSCAPE
NORTH BEACH, MARYLAND

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PRELIMINARY
CONCEPT PLAN

Sheet No.
10f2



Sargent



Willow Oak



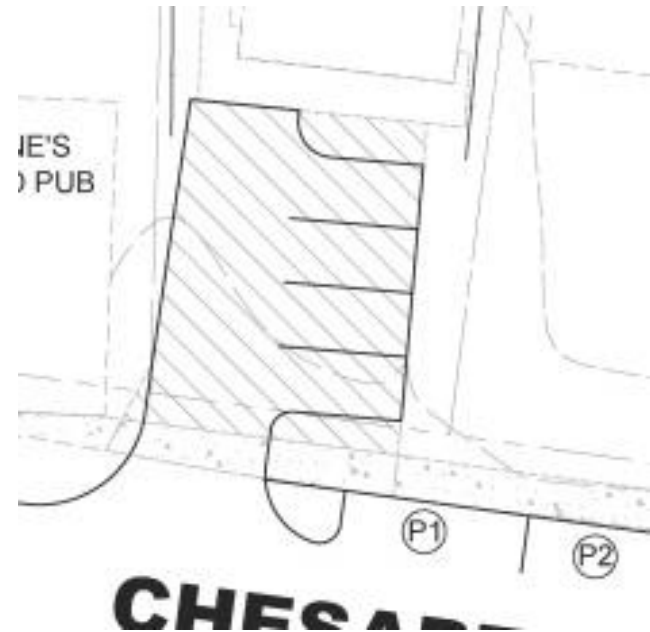
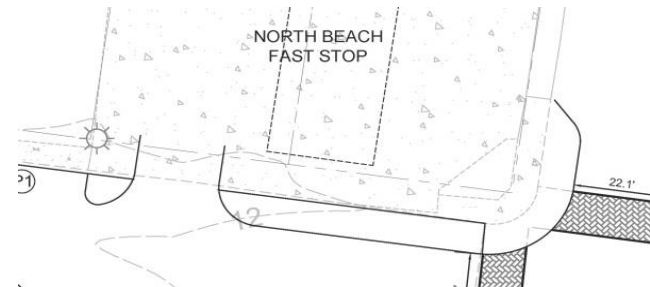
Crape Myrtle

Light Pole with Banner (17 Total)

Access Management



Existing Parking Lot

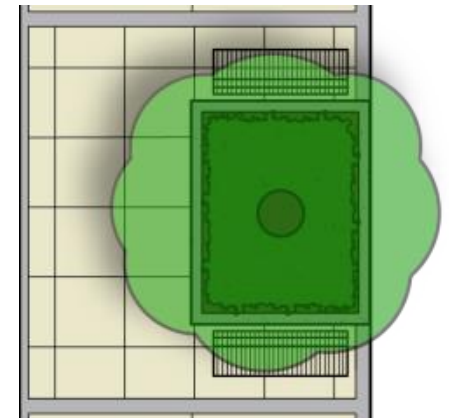


Beautifying the Corridor

Chestnut Street



Utilization of "Market" Lights To Create A Plaza



Conceptual Cost Analysis

PAY ITEM DESCRIPTION	UNIT	QUANTITY	CPH EST.	
		PLAN		
MOBILIZATION	LS	1		\$22,701.81
MAINTENANCE OF TRAFFIC	LS	1		\$22,701.81
SEDIMENT BARRIER	LF	2,000	\$1.50	\$3,000.00
INLET PROTECTION SYSTEM	EA	10	\$89.26	\$892.60
REMOVAL OF EXISTING PAVEMENT	SY	1,682	\$15.92	\$26,777.44
REGULAR EXCAVATION	CY	1,100	\$4.59	\$5,049.00
EMBANKMENT	CY	250	\$4.53	\$1,132.50
MILLING EXISTING ASPHALT (1")	SY	8,765	\$2.02	\$17,705.30
ASPHALT CONCRETE	TN	478	\$105.00	\$50,190.00
VALVE BOXES, ADJUST	EA	20	\$279.31	\$5,586.20
CONCRETE CURB & GUTTER	LF	4,100	\$16.51	\$67,691.00
PAVERS, ARCHITECTURAL, ROADWAY	SY	375	\$75.00	\$28,125.00
DETECTABLE WARNINGS	SF	300	\$49.82	\$14,946.00
SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	5	\$294.81	\$1,474.05
SINGLE POST SIGN, RELOCATE	AS	5	\$132.52	\$662.60
SINGLE POST SIGN, REMOVE	AS	5	\$36.81	\$184.05
PAINTED PAVEMENT MARKINGS, WHITE, SOLID, 6"	GM	0.60	\$3,748.80	\$2,249.28
THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	165	\$12.48	\$2,059.20
THERMOPLASTIC, STD, YELLOW, SOLID, 6"	GM	0.85	\$3,748.80	\$3,186.48
GATEWAY TOWER	EA	2.00	\$35,000.00	\$70,000.00
PEDESTRIAN LIGHT POLE & BANNER	EA	44.00	\$5,000.00	\$220,000.00
LANDSCAPING	LS	1.00	\$65,000.00	\$65,000.00
IRRIGATION	LS	1.00	\$38,000.00	\$38,000.00
<p>Note: The cost estimate above does not include linear park, Robert M. Callis Memorial Park, and Chestnut Avenue improvements. The opinion of cost provided is for budgeting purposes and is not based on survey, and will be updated during the design phase.</p>			Sub-Total	\$669,314.32
			Contingency 20%	\$133,862.86
			TOTAL	\$803,177.18

Grant/Funding Opportunities

Name and Description	Value
Lowes Charitable and Education Foundation - Educational Improvement Projects Vegetable Gardens, Reading Gardens, Trails	\$2,000 to \$5,000
Walmart Community Grant - Community improvement projects	Up to \$2,500
Home Depot Community Impact Grant	Up to \$5,000 (gift cards to Home Depot for supplies)
Build-A-Bear Foundation Grants - For projects located within 50 miles of a Build-A-Bear Store and promote volunteering, teamwork, people's differences, respect, and positive change	No set limit identified
American Academy of Dermatology Shade Structures Grant - Installation of shade structures	Up to \$8,000
Kaboom! - Play Equipment	\$15,000
Maryland State Arts Council (MSAC) - Implementation local public art projects	No set limit identified
Maryland Department of Housing and Community Development - Economic development projects	Maximum award \$800,000
Chesapeake Bay Trust Green Street, Green Towns - Design and implementation funds for practices which enhance green spaces in communities	Up to \$30,000 for design projects Up to \$75,000 for implementation projects
Maryland Department of Transportation - Development of community-based, motorized and non-motorized recreational trail projects	Matching obligations consists of a minimum of 20 percent (20%) of the project cost.
Maryland Department of Housing and Community Development	COMMUNITY LEGACY
Maryland Environmental Trust - Keep Maryland Beautiful - Margaret Rosch Jones Award	Awards up to \$2,000
Maryland Department of Natural Resources - Community Parks & Playgrounds Program Funding to focus on restoring existing and creating new park and green space systems	No set limit identified
Maryland Department of Transportation - Transportation Alternatives Program (TAP Maryland) For transportation related community projects designed to strengthen the intermodal transportation system	Matching obligations consists of a minimum of 20 percent (20%) of the project cost.