DESIGN AND MATERIAL SELECTION PROCESS FOR OREGON AVENUE

	Cost	Durability	DDOT Standard?	Present in Rock Creek Park?	Present in the Surrounding Area?	Received Public Support?	Selected Material
STRUCTURES / RETAINING WALLS							
Dry Laid Stone Masonry	$$	●	No	Yes	Yes	NA	
Mortared Stone Masonry	$$$	● ●	No	Yes	Yes	NA	
Stone Veneer	$$$	● ● ●	Yes	Yes	Yes	Yes	X
Brick Veneer	$$$	● ● ●	Yes	Yes	Yes	No	
Flat Face Concrete	$	● ● ●	Yes	No	Yes	NA	
Concrete with Formliner Rustication	$	● ● ●	Yes	No	No	No	
SIDEWALKS							
Asphalt	$	● ●	No	Yes	Yes	Yes	
Brick	$$$	● ●	Yes	No	Yes	No	
Concrete	$$	● ● ●	Yes	No	Yes	No	
Stonedust	$	●	No	Yes	Yes	Yes	
Exposed Aggregate Concrete	$$	● ● ●	Yes	Yes	Yes	Yes	X
Porous Rubber Sidewalk (near trees)	$$$	● ●	Yes	No	Yes	Yes	X
ROADWAY PARKING SURFACE							
Pervious Poured in Place Concrete	$$	●	Yes	No	Yes	No	
Pervious Asphalt	$	● ●	Yes	No	Yes	No	
Pervious Concrete Unit Pavers	$$$	● ● ●	Yes	No	Yes	Yes	X
Concrete Blocks with Turf	$$	● ●	No	Yes	Yes	Yes	
Concrete Blocks with Gravel	$$	● ●	No	No	No	No	
Precast Concrete Panels	$$$	● ● ●	No	No	Yes	Yes	-

COST KEY		RANKING KEY		DURABILITY	
$	Least Expensive	1	Best	●	Least Durable
$$	Middle of the Range	2	Middle of the Range	● ●	Middle of the Range
$$$	Most Expensive	3	Worst	● ● ●	Most Durable

DESIGN SELECTION PROCESS FOR OREGON AVENUE

		DOES IT MEET THE PROJECT'S DESIGN CRITERIA*				RANKING BASED ON ANALYSIS				
BRIDGE TYPE	Cost	Safe 50 Year Storm	Stream and Wildlife	Safe and Efficient Traffic	Architectural Element	Functionality	Aesthetics (Based on Public Comment)	Minimize Disturbance To Environment	Prevent Flooding Downstream	Selected
The Straight Span	$	Yes	Yes	Yes	Yes	1	3	1	1	X
The Curved Span	$$	Yes	Yes	Yes	Yes	2	2	3	2	
The Arch	$$$	Yes	Yes	Yes	Yes	3	1	2	3	

PROJECT DESIGN CRITERIA KEY

Safe 50 Year Storm	Safely Allow Passage of 50 Year Storm Under Structure
Stream and Wildlife	Support Stream Restoration and Improve Wildlife Habitat
Safe and Efficient Traffic	Maintain Safe & Efficient Passage for Vehicular & Pedestrian Traffic
Architectural Element	Treat the Bridge as an Architectural Element in the Landscape

COST KEY

$	Least Expensive
$$	Middle of the Range
$$$	Most Expensive

RANKING KEY

1	Best
2	Middle of the Range
3	Worst

		SIDEWALK WIDTH DESIGN CRITERIA				DETERMINATION BASED ON ANALYSIS				
SIDEWALK WIDTH	Cost	Provide Universal Accessibility	Meets Current DDOT Standards	Minimize Disturbance To Trees	Provide Pedestrian Safety	In Context With Its Physical Surroundings?	Accommodate Multiple Users?	Provide Multiple Purposes?	Physically Impact Adjacent Property?	Selected
6 foot wide sidewalk	$$$	Yes	Yes	No	Yes	No	Yes	Yes	Yes	
5 foot wide sidewalk	$$	Somewhat	Yes	Yes	Yes	Somewhat	Yes	Yes	Somewhat	X
4 foot wide sidewalk	$$	Somewhat	No	Yes	Somewhat	Yes	No	Somewhat	Somewhat	
3 foot wide sidewalk	$	No	No	Yes	No	No	No	No	Somewhat	

COST KEY

$	Least Expensive
$$	Middle of the Range
$$$	Most Expensive