

Project: Florida Avenue Improvements

Date: 7/8/2020

Pervious Pavement Design

Surface Area of Pavement (acres)	7.000		
Retention Volume (ac-ft)	0.000		
Treatment Volume (in over watershed)	5.280		
Pavement Type	Thickness (in)	Storage (in)	Storage (ac-ft)
User Defined 30	17.60	5.280	3.080
Total		5.280	3.080

Watershed Characteristics

Catchment Area (acres)	7.00
Contributing Area (acres)	0.000
Non-DCIA Curve Number	29.90
DCIA Percent	85.00
Rainfall Zone	Florida Zone 2
Rainfall (in)	15.00

Surface Water Discharge

Required TN Treatment Efficiency (%)	
Provided TN Treatment Efficiency (%)	98
Required TP Treatment Efficiency (%)	
Provided TP Treatment Efficiency (%)	98

Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	17.529
TN Concentration (mg/L)	2.400
TP Mass Load (kg/yr)	2.520
TP Concentration (mg/L)	0.345

Load Diagram for Pervious Pavement (stand-alone)



