

WATERWAY INFORMATION TABLE

Route:	York Road	Existing S.N.		
Section:	1-40N-11E	Proposed S.N.		
County:	DuPage	Waterway:	Willow Creek	
Date:	01/09	Prepared by:	SAS	

Existing Low Grade Elev.

at Sta.

Drainage Area =			-	Proposed Low Grade =			at Sta.		
Flood	Freq. Q		Opening - ft ²		Natural	Head - ft.		Headwater Elevation	
1 100d	Yr. Ft ³ /s	Existing	Proposed	H.W.E.	Existing	Proposed	Existing	Proposed	
	10	603						657.9/655.1*	
Design	50	996						658.1/656.2*	
Base	100	1156						658.2/656.5*	
Overtop Existing									
Overtop Proposed									
Max. Calc.									

10 YEAR VELOCITY THROUGH EXISTING BRIDGE =

ft/s

10 YEAR VELOCITY THROUGH PROPOSED BRIDGE

ft/s

ALL - TIME H.W.E. & DATE: *includes replacement of structures at York Rd and Thorndale Ave per 09/04 UDPRT Watershed Plan.

Scope of Work:

EXISTING STRUCTURE

PROPOSED STRUCTURE

TYPE: 3 Trapezoidal Openings

TYPE: N/A

LENGTH: 78 feet

LENGTH: N/A

SPANS: u/s inverts: 652.9', 649.6', 652.0'

SPANS: N/A

LOW BEAM: N/A

LOW BEAM: N/A

SKEW: N/A

SKEW: N/A

NOTE: PROPOSED STRUCTURE DETAILS ARE PRELIMINARY; SUBJECT TO REFINEMENT IN TSL STAGE.