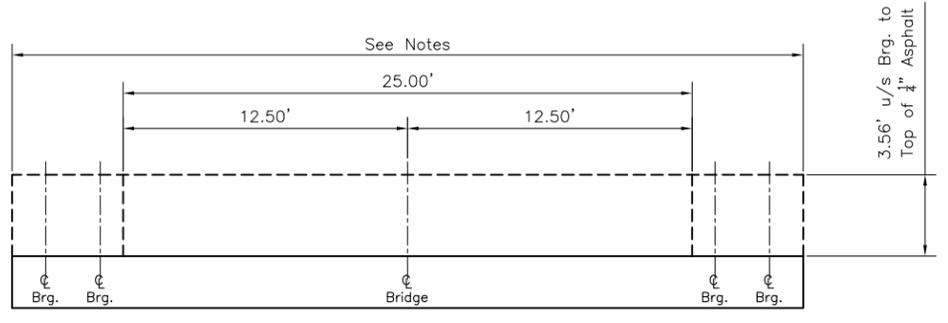


Reactions in Kips. 1 Kip = 1000 lbs.
 Live Reactions (max. and min.) are concurrent. Difference is due to eccentricity of loading.
 Exposed area of bridge (for calculating wind load) is 5.22 sq. ft. per ft.

- NOTES:
1. Live Load is HL-93.
 2. Abutments and anchor bolts by contractor.
 3. Due to the nature of modular bridging, Dimensional tolerances can accumulate. MabeY Bridge recommends the following:
 - a.) Construct backwalls after bridge is in place.
 - b.) Cast 3" dia. voids at anchor bolt locations. Grout in anchor bolts after bridge is in position.
 4. No drilling, welding, or alterations of any kind to MabeY-supplied equipment without written permission of MabeY and Shore, Inc. Engineering Dept. Equipment must be used in the manner intended, according to the supplied drawings(s) and calculations.
 5. All expansion bearings shall be greased at installation.



UNFACTORED CORNER REACTIONS												
	ABUTMENT 1 UNFACTORED		PIER 1 UNFACTORED		PIER 2 UNFACTORED		PIER 3 UNFACTORED		PIER 4 UNFACTORED		ABUTMENT 2 UNFACTORED	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
DL	60	60	125	125	160	160	160	160	125	125	60	60
DL (SURF)	5	5	10	10	10	10	10	10	10	10	5	5
LL	135	120	185	160	200	175	200	175	185	160	135	120

General Arrangement Showing
 (8Bay; 9Bay; 11Bay; 9Bay; 8Bay)
 MabeY Universal
 24.14' Roadwidth
 HL-93 Live Loading
 (DSHR2H+; DSHR2H++; TSHR3H+;
 DSHR2H++; DSHR2H+) Trusses

Client NC DOT		
Job Name -	Location Cape Hatteras, NC	
Drawn By C.J.	Date 09/08/11	Dwg. No. BR0063797SUB01
Checked By P.O.	Date 09/08/11	Order no.
Revision	Sheet 1 of 2	Scale Do Not Scale