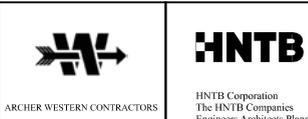


NOTE
1. CURVE DATA TO MATCH NHDOT REFERENCED DRAWINGS U.N.O.

NOTE:
PROPOSED FENCE BEHIND SIDEWALK ON HIGHWAY APPROACH NOT SHOWN FOR CLARITY.

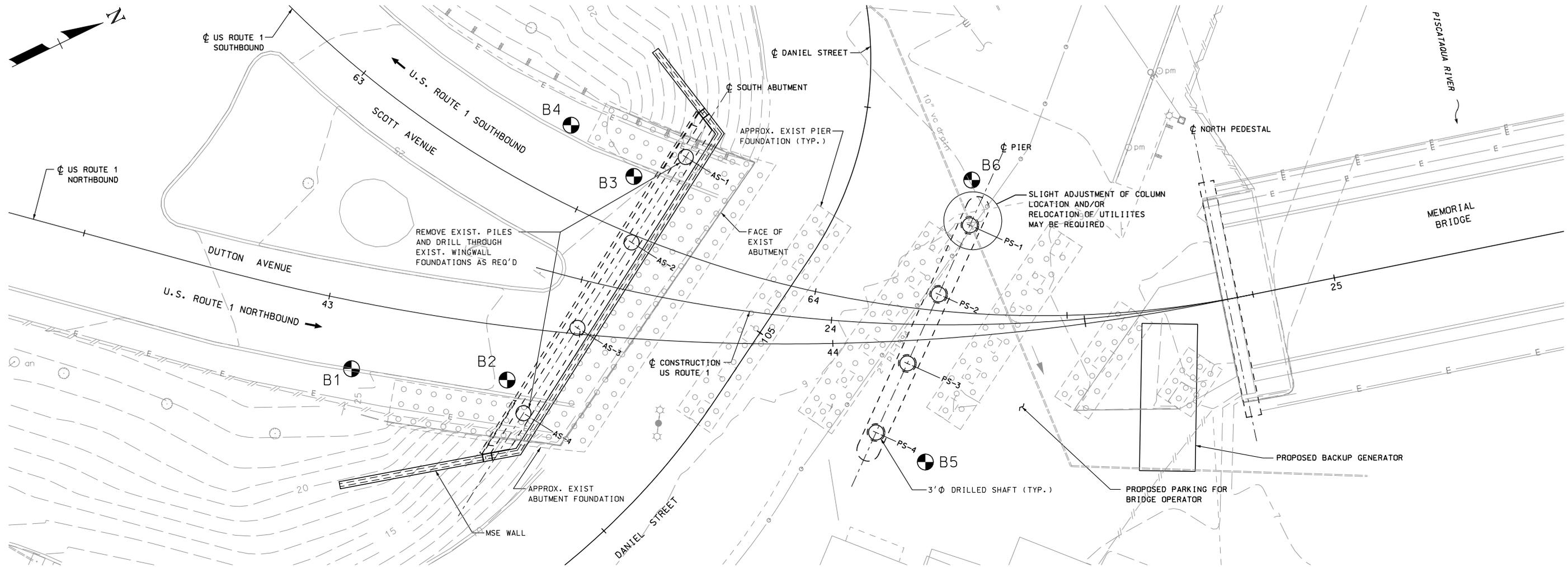
12'-10" MINIMUM VERTICAL CLEARANCE

PRELIMINARY PLANS
SEPTEMBER 12, 2011



STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN									
TOWN	PORTSMOUTH	BRIDGE NO.	246/083	STATE PROJECT	13678	BRIDGE SHEET			
LOCATION U.S. ROUTE 1 OVER DANIEL STREET (SCOTT AVENUE BRIDGE)						B67 OF B71			
GENERAL PLAN AND ELEVATION									
DESIGNED	MTB	08/11	CHECKED	AT	08/11	FILE NUMBER	107-1-1		
DRAWN	RJT	08/11	CHECKED	MTB	08/11	TOTAL SHEETS	104		
QUANTITIES	MTB	08/11	CHECKED	AT	07/11	SHEET NO. 74			
ISSUE DATE	FEDERAL PROJECT NO.				SHEET NO.		TOTAL SHEETS		
REV. DATE					74		104		

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
Brsite	13678 - B67	



FOUNDATION PLAN - SCOTT AVE APPROACH
SCALE: 1" = 10'

DRILLED SHAFT LOCATIONS			
ABUTMENT	NUMBER	STATION	OFFSET
	AS-1	23+65.51	28.16' LT
	AS-2	23+58.03	09.42' LT
	AS-3	23+51.45	09.47' RT
	AS-4	23+46.51	28.76' RT
PIER	PS-1	24+28.36	21.15' LT
	PS-2	24+21.38	06.60' LT
	PS-3	24+15.07	08.10' RT
	PS-4	24+09.33	22.91' RT

BORING LOCATIONS				
NUMBER	STATION	OFFSET	NORTH	EAST
B1	23+07.04	13.24' RT	211931.5009	1228288.9062
B2	23+36.88	10.57' RT	211958.1211	1228304.3383
B3	23+58.30	32.00' LT	211998.2592	1228279.0970
B4	23+43.82	40.97' LT	211991.5618	1228264.5482
B5	24+16.84	24.18' RT	212025.2244	1228355.0974
B6	24+30.26	30.78' LT	212057.8994	1228308.9498

BORING NOTES

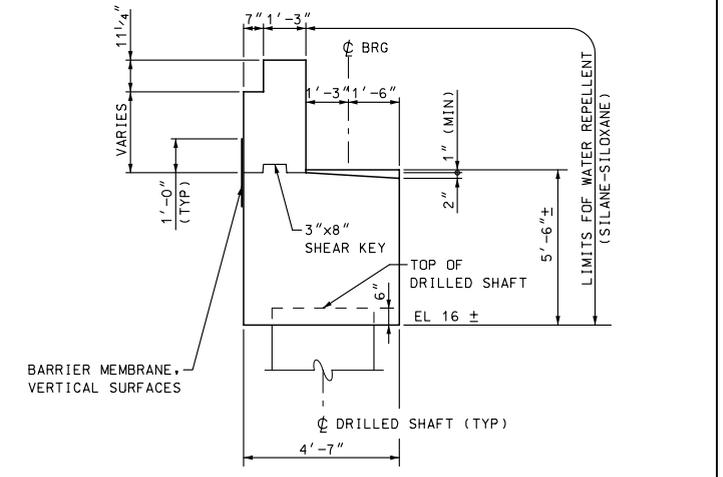
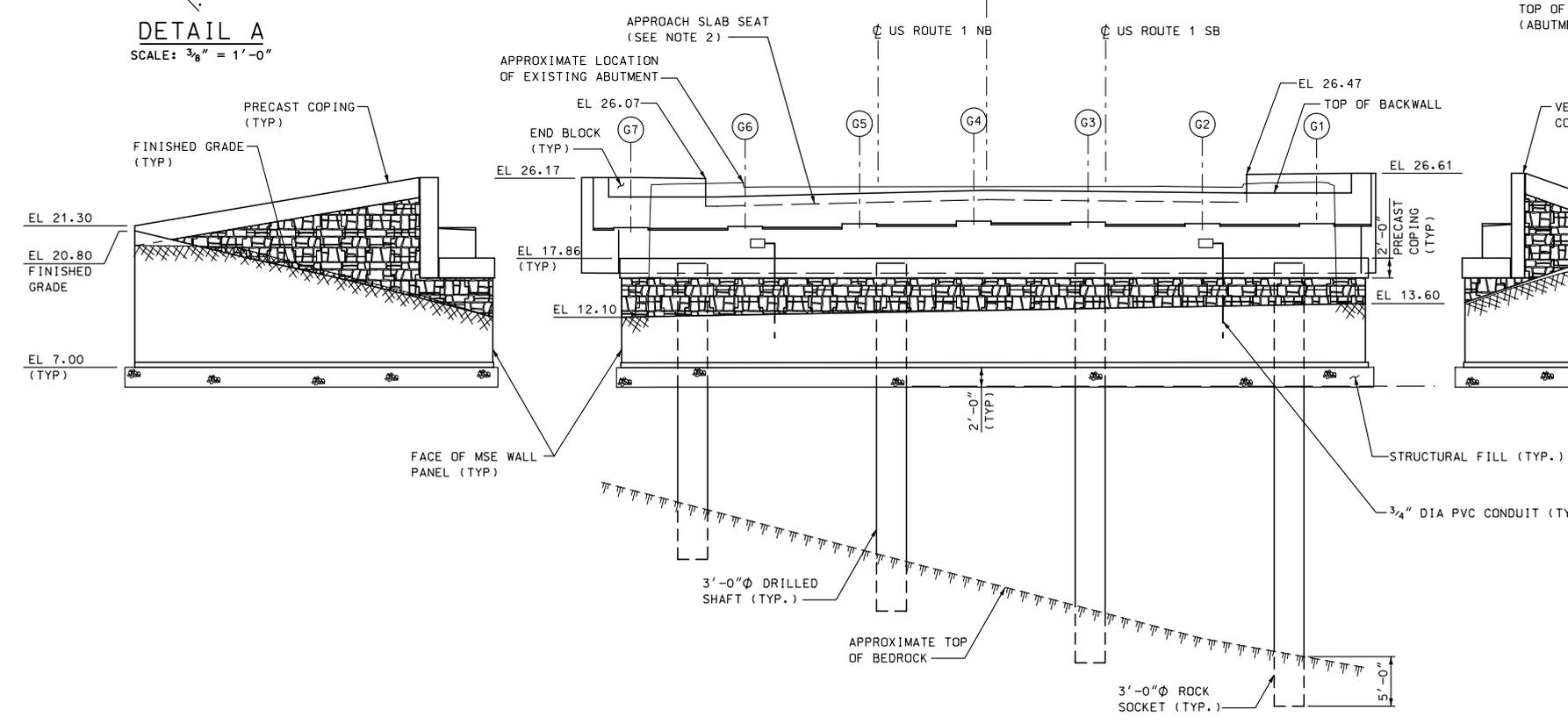
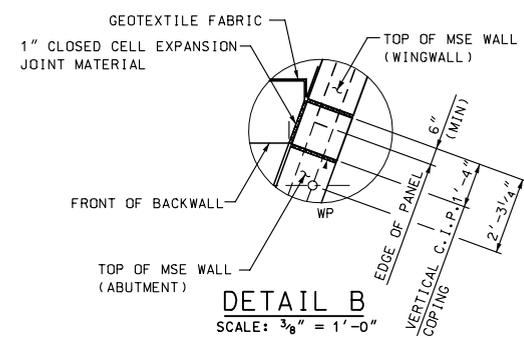
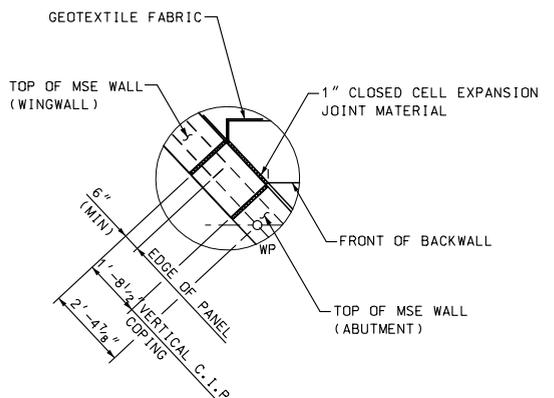
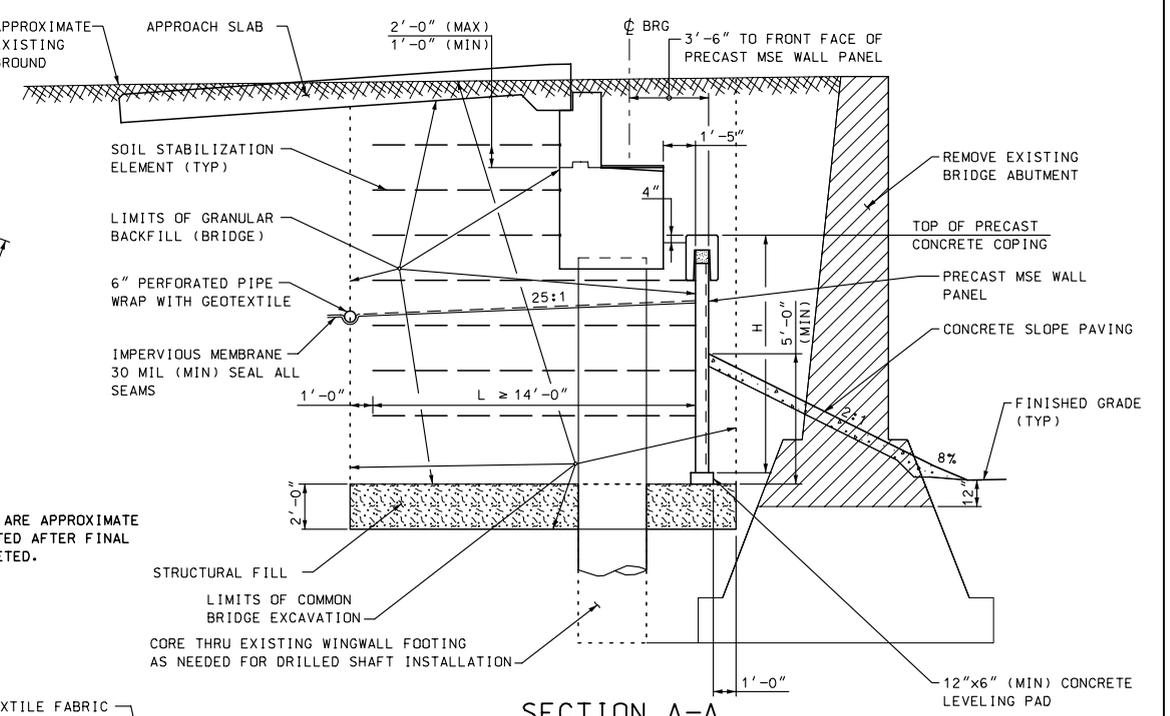
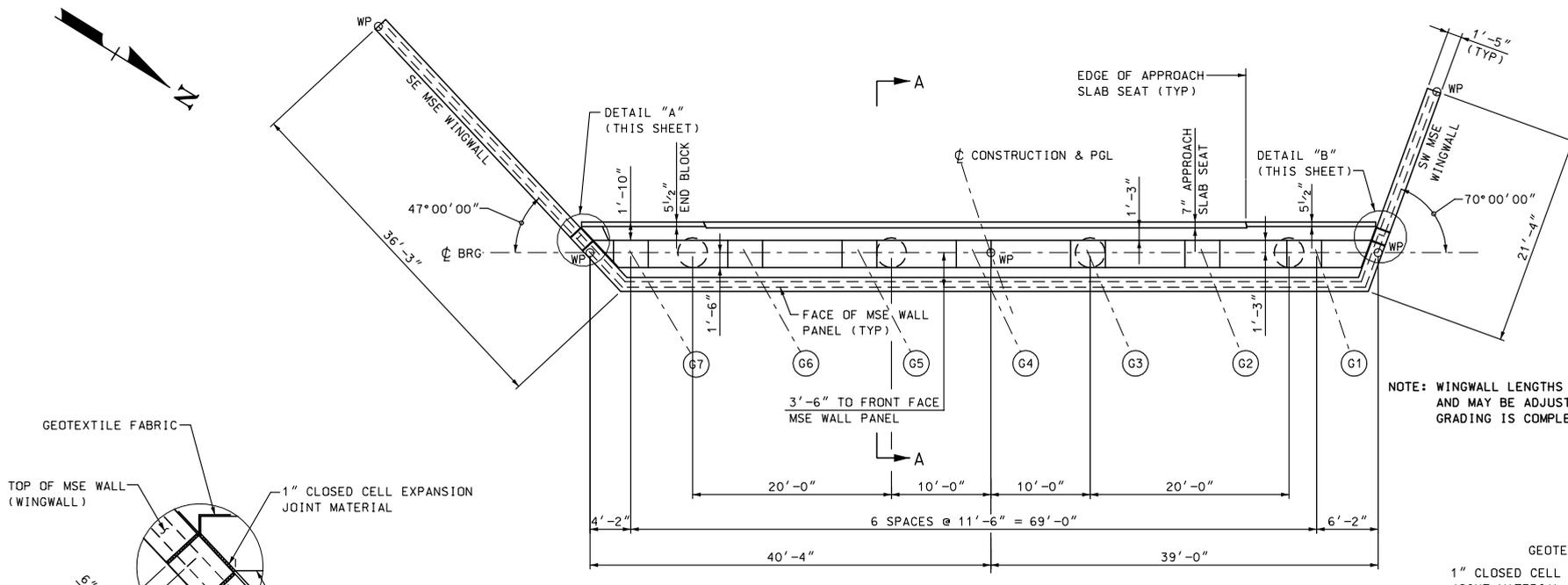
- BORINGS INDICATED THUS WERE MADE BY NH BORING, INC. AND OBSERVED BY HALEY & ALDRICH, INC. IN FEBRUARY AND MARCH, 2007. FIGURES IN THE LEFT HAND SPT COLUMN INDICATE THE NUMBER OF BLOWS REQUIRED TO DRIVE A 2 INCH O.D. STANDARD SPLIT SPOON SAMPLER 6 INCHES USING A 140 POUND WEIGHT FALLING 30 INCHES.
- BORINGS ARE FOR DESIGN PURPOSES SHOWING CONDITIONS AT BORING POINTS ONLY AND DO NOT NECESSARILY INDICATE MATERIAL TO BE ENCOUNTERED DURING CONSTRUCTION.
- THE GEOTECHNICAL ENGINEERING REPORT IS AVAILABLE IN THE NHDOT BUREAU OF MATERIALS AND RESEARCH OFFICE. SEE PROSECUTION OF WORK FOR MORE INFORMATION.
- ROCK CORES WERE MADE USING AN N-SERIES 2 INCH I.D. CORE BARREL.
- WATER LEVELS INDICATED WERE MEASURED AT THE TIME OF EXPLORATION. THE WATER LEVELS ENCOUNTERED DURING CONSTRUCTION MAY VARY CONSIDERABLY DUE TO PREVAILING CLIMATE, RAINFALL, OR OTHER FACTORS.
- FOR BORING LOGS, SEE NHDOT REFERENCED DRAWINGS.

PRELIMINARY PLANS
SEPTEMBER 12, 2011

ARCHER WESTERN CONTRACTORS
HNTB Corporation
The HNTB Companies
Engineers Architects Planners

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
Brsite	13678 - B68	1" = 10'-0"

STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN			
TOWN	PORTSMOUTH	BRIDGE NO.	246/083
STATE PROJECT	13678		
LOCATION U.S. ROUTE 1 OVER DANIEL STREET (SCOTT AVENUE BRIDGE)			
FOUNDATION PLAN			BRIDGE SHEET
REVISIONS AFTER PROPOSAL			B68 OF B71
DESIGNED	MTB	08/11	CHECKED
AT	08/11	CHECKED	MTB
08/11	CHECKED	AT	07/11
FILE NUMBER	107-1-1		
ISSUE DATE	FEDERAL PROJECT NO.		
REV. DATE	SHEET NO.		
	75		
TOTAL SHEETS	104		



NOTE
ELEVATIONS AND DIMENSIONS ARE BASED ON 2008 REHABILITATION PLANS AND ARE SUBJECT TO CHANGE.

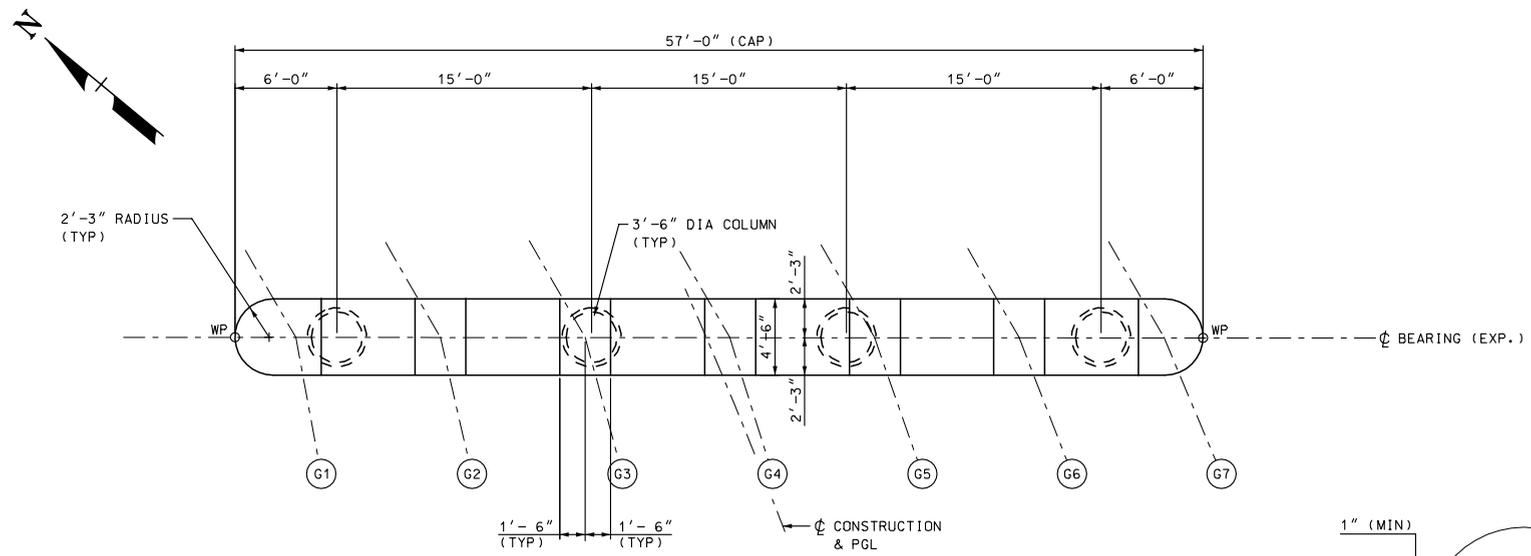
PRELIMINARY PLANS
SEPTEMBER 12, 2011

ARCHER WESTERN CONTRACTORS
HNTB Corporation
The HNTB Companies
Engineers Architects Planners

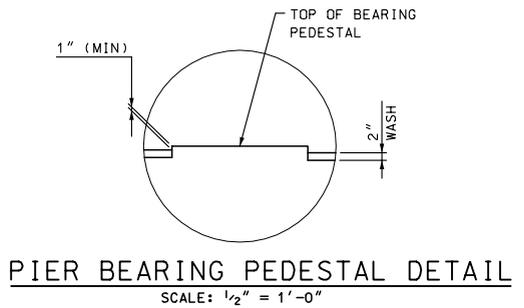
SUBDIRECTORY		DGN LOCATOR	SHEET SCALE
Substructure		13678 - B69	

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN			
TOWN	PORTSMOUTH	BRIDGE NO.	246/083
STATE PROJECT	13678		
LOCATION U.S. ROUTE 1 OVER DANIEL STREET (SCOTT AVENUE BRIDGE)			
ABUTMENT PLAN, ELEVATION & SECTIONS			
REVISIONS AFTER PROPOSAL		BY	DATE
DESIGNED	MTB	08/11	CHECKED
DRAWN	RJT	08/11	CHECKED
QUANTITIES	MTB	08/11	CHECKED
ISSUE DATE		FEDERAL PROJECT NO.	SHEET NO.
REV. DATE			76

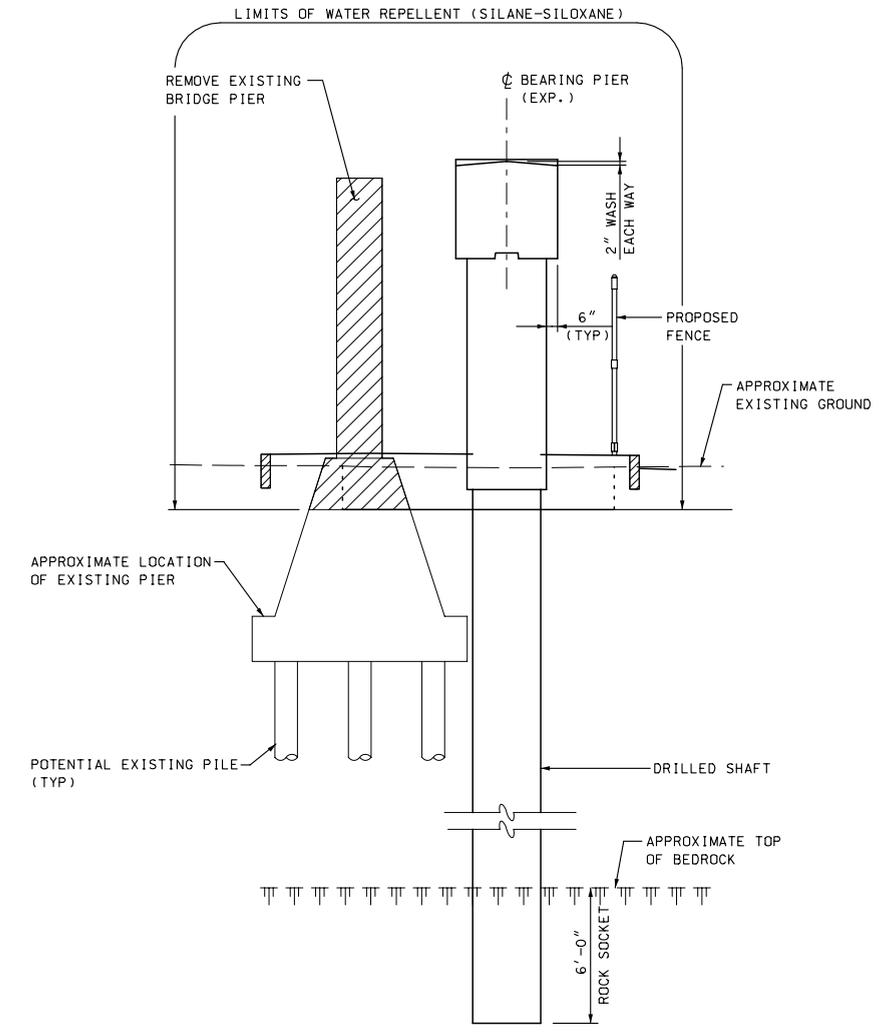
BRIDGE SHEET	B69 OF B71
FILE NUMBER	107-1-1
TOTAL SHEETS	104



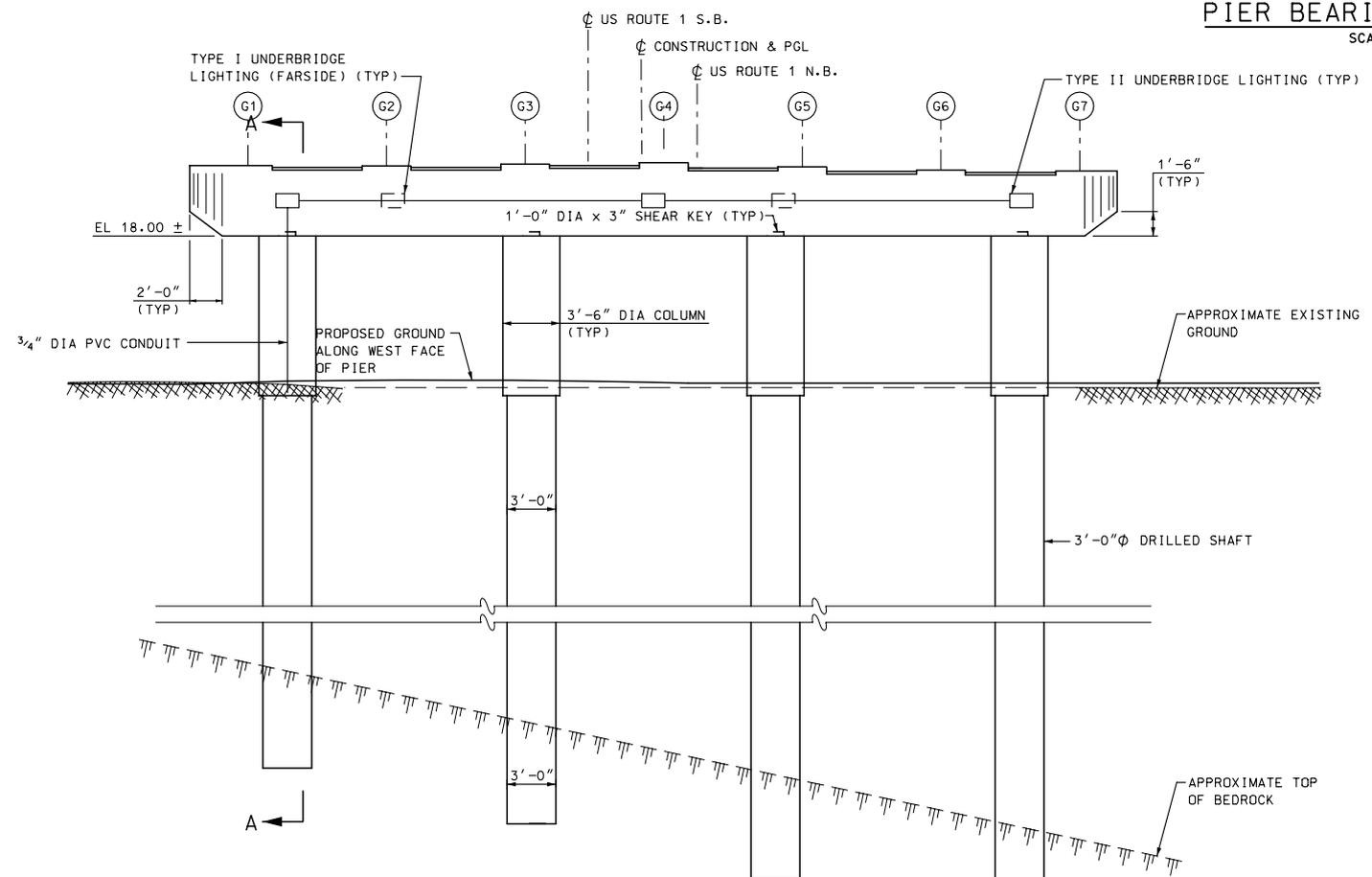
PLAN
SCALE: 3/16" = 1'-0"



PIER BEARING PEDESTAL DETAIL
SCALE: 1/2" = 1'-0"



PIER SECTION A-A
SCALE: 1/4" = 1'-0"

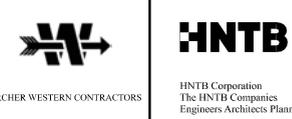


ELEVATION
(LOOKING EAST FROM DANIEL STREET)
SCALE: 3/16" = 1'-0"

NOTES

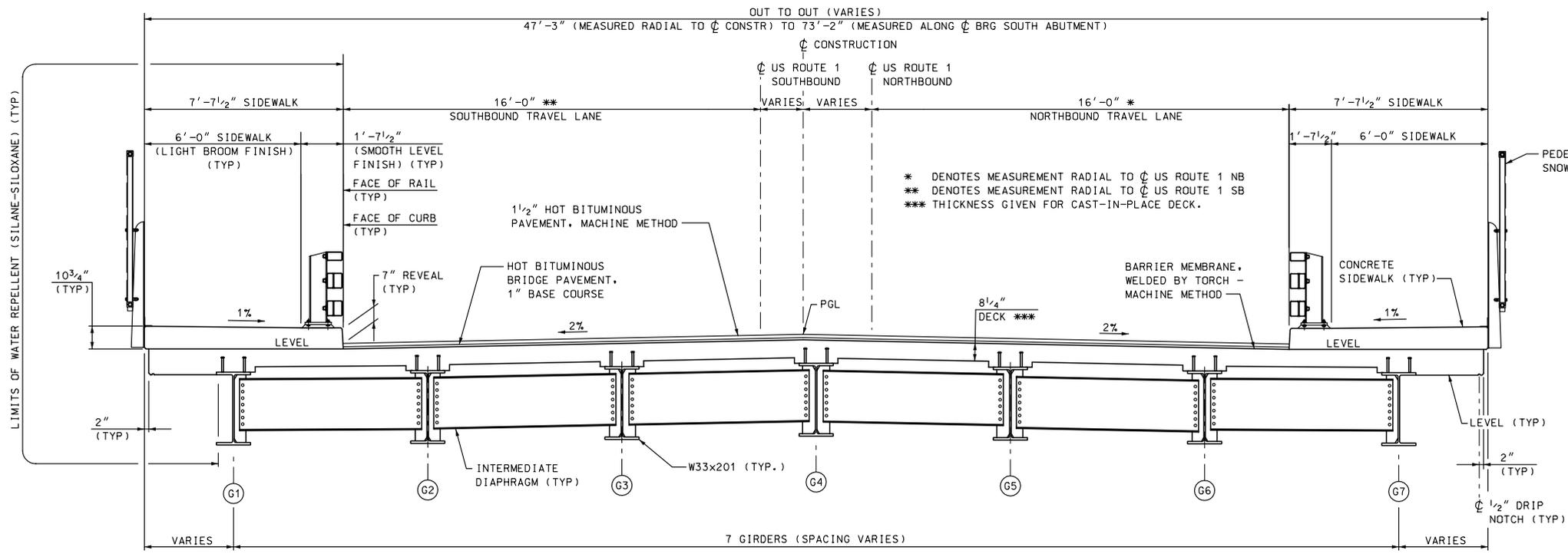
- ELEVATIONS ARE BASED ON 2008 REHABILITATION PLANS AND ARE SUBJECT TO CHANGE.
- EXISTING PILES NOT SHOWN IN ELEVATION VIEW FOR CLARITY.

PRELIMINARY PLANS
SEPTEMBER 12, 2011



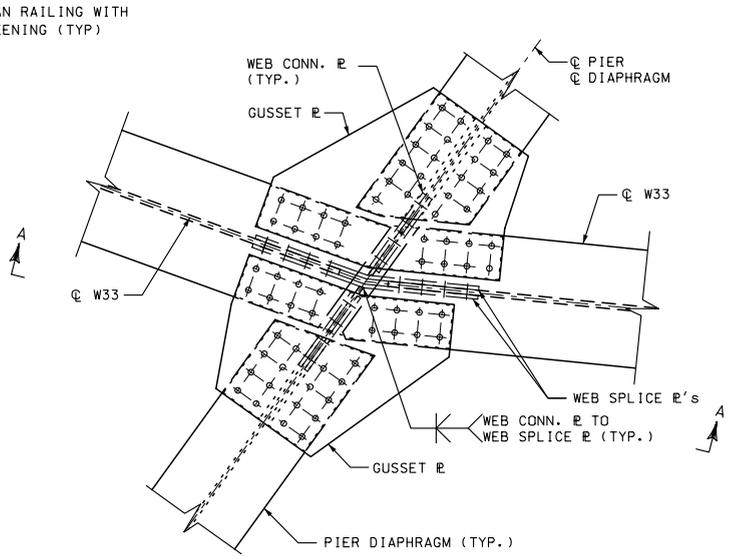
STATE OF NEW HAMPSHIRE											
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN											
TOWN	PORTSMOUTH	BRIDGE NO.	246/083	STATE PROJECT	13678						
LOCATION U.S. ROUTE 1 OVER DANIEL STREET (SCOTT AVENUE BRIDGE)											
PIER PLAN, ELEVATION & CROSS SECTION										BRIDGE SHEET	B70 of B71
REVISIONS AFTER PROPOSAL		BY	DATE	CHECKED	AT	DATE					
DESIGNED	MTB	08/11	CHECKED	AT	08/11	FILE NUMBER					
DRAWN	RJT	08/11	CHECKED	MTB	08/11	107-1-1					
QUANTITIES	MTB	08/11	CHECKED	AT	07/11	TOTAL SHEETS					
ISSUE DATE	FEDERAL PROJECT NO.			SHEET NO.	77	104					
REV. DATE											

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
Substructure	13678 - B70	



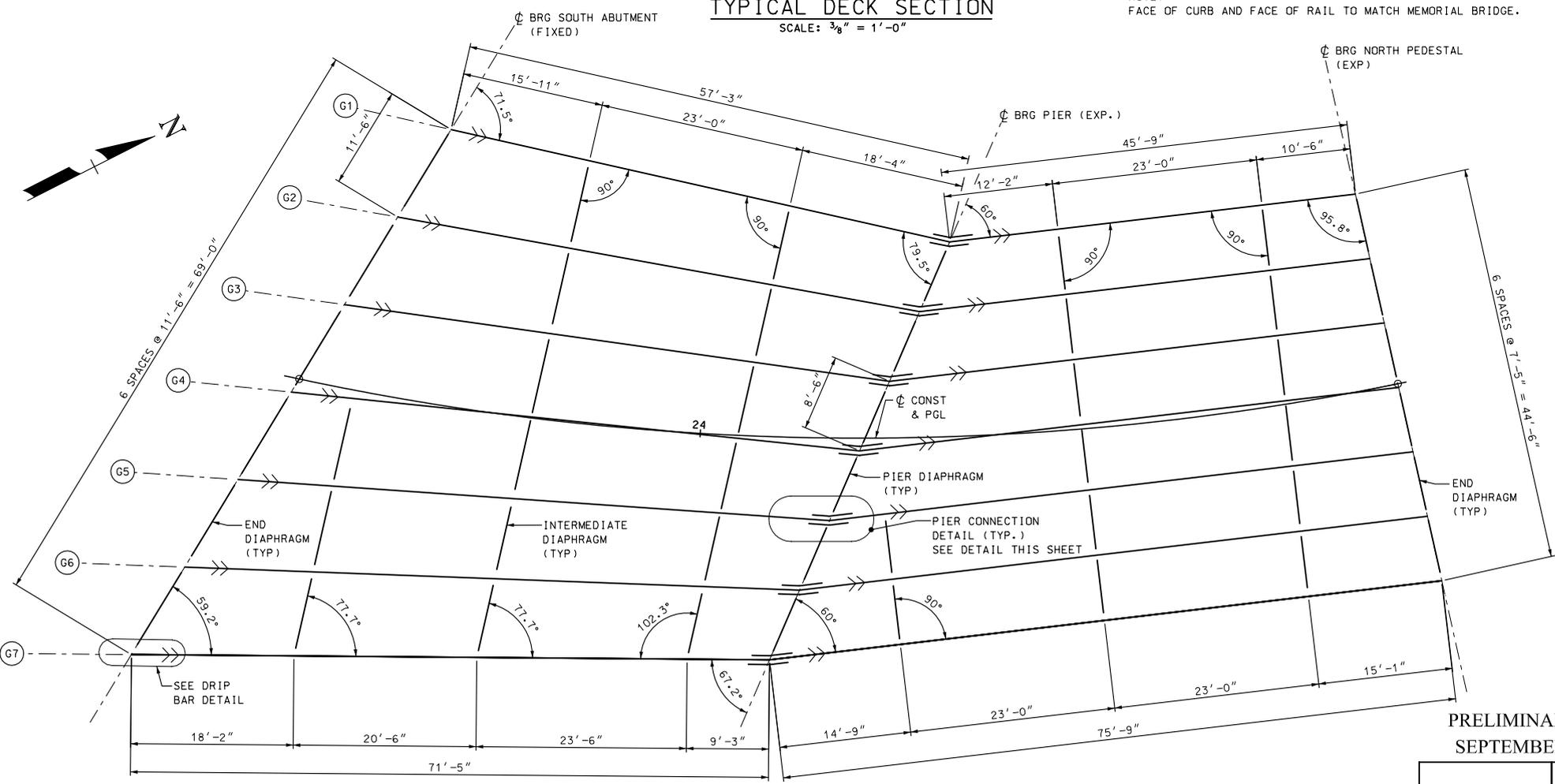
TYPICAL DECK SECTION
SCALE: 3/8" = 1'-0"

NOTE:
FACE OF CURB AND FACE OF RAIL TO MATCH MEMORIAL BRIDGE.

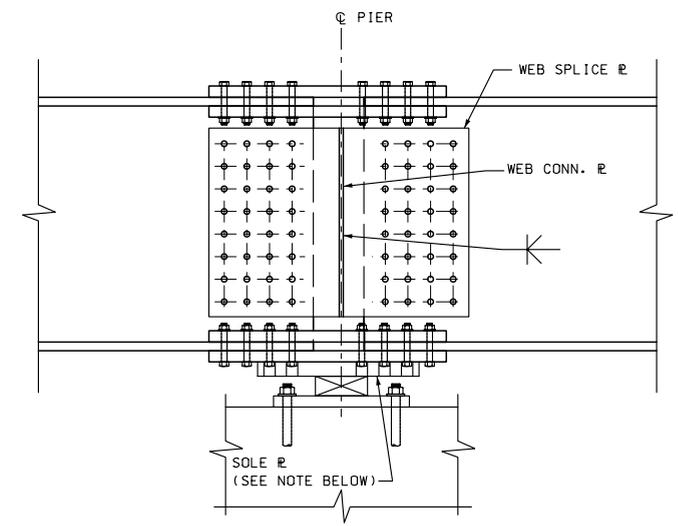


PLAN PIER CONNECTION DETAIL
SCALE: 1" = 1'-0"

NOTE: BEARING ASSEMBLY NOT SHOWN



FRAMING PLAN
SCALE: 1/8" = 1'-0"



SECTION A-A
SCALE: 1" = 1'-0"

NOTE
PIER CONNECTION DETAIL IS CONCEPTUAL AND SUBJECT TO CHANGE.

PRELIMINARY PLANS
SEPTEMBER 12, 2011



STATE OF NEW HAMPSHIRE				BRIDGE SHEET			
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN				B71 OF B71			
TOWN	PORTSMOUTH	BRIDGE NO.	246/083	STATE PROJECT	13678	FILE NUMBER	107-1-1
LOCATION U.S. ROUTE 1 OVER DANIEL STREET (SCOTT AVENUE BRIDGE)							
FRAMING PLAN AND TYPICAL SECTION							
REVISIONS AFTER PROPOSAL	BY	DATE	CHECKED	BY	DATE	SHEET NO.	TOTAL SHEETS
	DESIGNED	MTB 08/11	CHECKED	AT 08/11		78	104
	DRAWN	RJT 08/11	CHECKED	MTB 08/11			
	QUANTITIES	MTB 08/11	CHECKED	AT 07/11			
	ISSUE DATE		FEDERAL PROJECT NO.				
	REV. DATE						

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
SuperStructure	13678 - B71	AS NOTED