



GENERAL NOTES

- ITEM 594.2, WOOD PANEL SOUND ABATEMENT WALL SHALL INCLUDE ALL LUMBER, PRECAST CONCRETE POSTS AND LEVELING PANELS, STEEL BASE PLATES, ANCHOR BOLTS, GROUT PAD UNDERNEATH POSTS, AND ALL HARDWARE NECESSARY FOR CONSTRUCTION OF THE SOUNDWALL AS DETAILED ON THE PLANS.
- SEE SECTION 594 SPECIAL PROVISION FOR ADDITIONAL WOOD PANEL SOUNDWALL INFORMATION INCLUDING LUMBER REQUIREMENTS.
- THE ANGLE BETWEEN THE PRECAST CONCRETE POST AND WALL PANEL SHALL NOT EXCEED 10 DEGREES. POSTS SHALL BE HORIZONTALLY ALIGNED TO ACHIEVE THE PROPOSED WALL ALIGNMENT WITH ANGLE POINTS NOT TO EXCEED 20 DEGREES.
- TRANSITIONS IN TOP OF WALL ELEVATION SHALL BE AS DETAILED ON THE PLANS. IN THE CASE WHERE THE TOP OF WALL ELEVATION IS THE SAME ON BOTH SIDES OF A POST THE MAXIMUM ALLOWABLE DISTANCE FROM THE TOP OF WALL TO TOP OF POST SHALL BE 4". IN THE CASE WHERE THE TOP OF WALL ELEVATION VARIES ON BOTH SIDES OF A POST THE MAXIMUM ALLOWABLE DISTANCE FROM THE TOP OF WALL TO TOP OF POST SHALL BE 8".
- FOR PRECAST CONCRETE NOTES AND POST DETAILS AND STEEL BASE PLATE NOTES AND DETAILS SEE SHEET 2 OF 3.
- FOR DRILLED SHAFT NOTES AND DETAILS SEE SOUNDWALL SHEET 3 OF 3.
- FOR SUMMARY OF SOUNDWALL QUANTITIES SEE SOUNDWALL SHEET 3 OF 3.
- FOR LAYOUT OF SOUNDWALL (INCLUDING POST/SHAFT NUMBERS, COORDINATES AND WALL ELEVATIONS) SEE PLAN SHEETS INCLUDED ELSEWHERE IN THIS CONTRACT.

NOTE TO DESIGNER:

- WOOD PANEL SOUNDWALL DESIGNED IN ACCORDANCE WITH AASHTO GUIDE SPECIFICATIONS FOR STRUCTURAL DESIGN OF SOUND BARRIERS 1989, WITH INTERIMS, FOR A WIND SPEED OF 90 MPH AND EXPOSURE CATEGORY C, WITH $0 < H < 14$, $C_c = 0.80$. ("H" IS THE DISTANCE FROM AVERAGE LEVEL ADJOINING GROUND SURFACE TO CENTROID OF LOADED AREA IN EACH HEIGHT ZONE)

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN									
TOWN		BRIDGE NO.			STATE PROJECT				
LOCATION									
WOOD PANEL SOUNDWALL (1 of 3)									BRIDGE SHEET
REVISIONS AFTER PROPOSAL									OF
DESIGNED	NHDOT	DATE	CHECKED	NHDOT	DATE	FILE NUMBER			
	RAJ	2/03	CHECKED	ACJ/ABH	9/05				
QUANTITIES			CHECKED						
ISSUE DATE	XX	FEDERAL PROJECT NO.			SHEET NO.	TOTAL SHEETS			
REV. DATE									

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
English/SNDWALL	SOUND1	AS NOTED