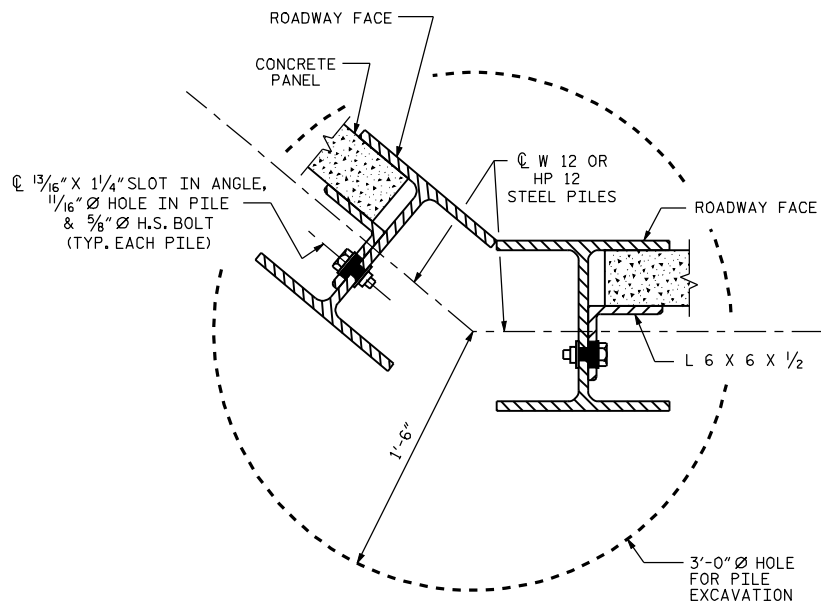
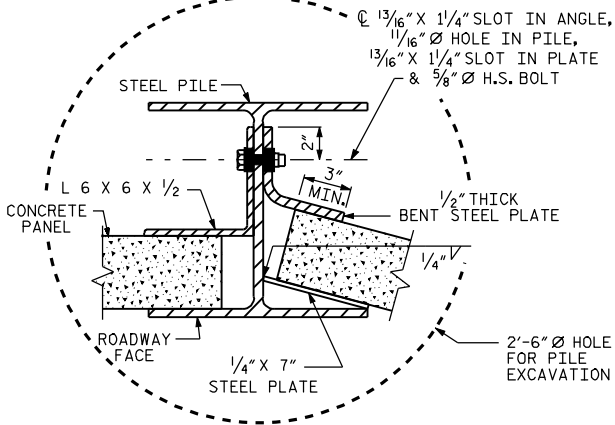


BILL OF MATERIAL	
SOUND BARRIER WALL	S.F.
QUANTITIES PROVIDED ARE APPROXIMATE AND ARE FOR BID PURPOSES ONLY.	



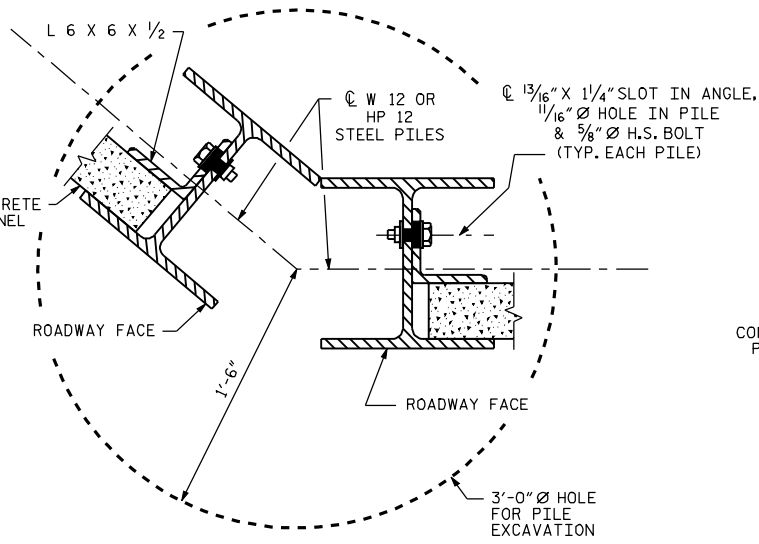
TYPICAL WALL TURN DETAIL

(FOR GREATER THAN 15° TURNS, CONCAVE TOWARD ROADWAY)



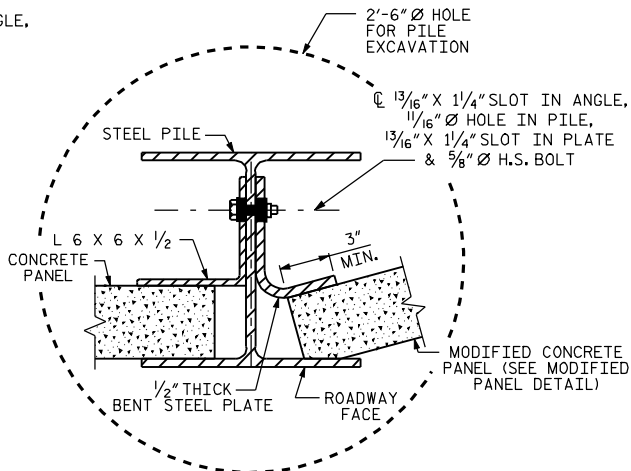
TYPICAL WALL TURN DETAIL

(USE ONLY FOR TURNS 15° OR LESS, CONCAVE TOWARD ROADWAY)



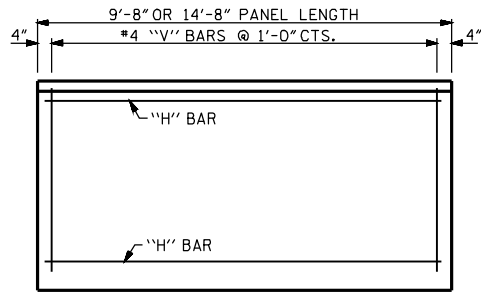
TYPICAL WALL TURN DETAIL

(FOR GREATER THAN 15° TURNS, CONVEX TOWARD ROADWAY)

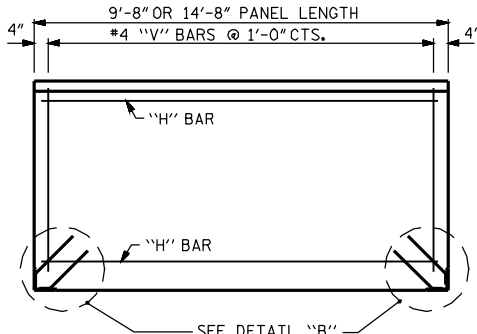


TYPICAL WALL TURN DETAIL

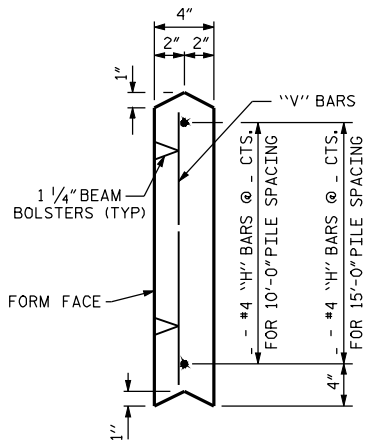
(USE ONLY FOR TURNS 15° OR LESS, CONVEX TOWARD ROADWAY)



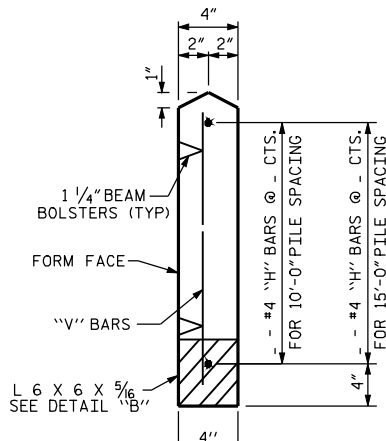
FRONT ELEVATION OF UPPER PRECAST PANELS



FRONT ELEVATION OF BOTTOM PRECAST PANEL

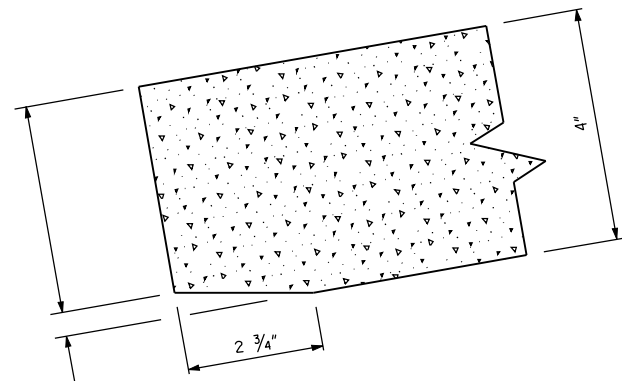


UPPER PANEL



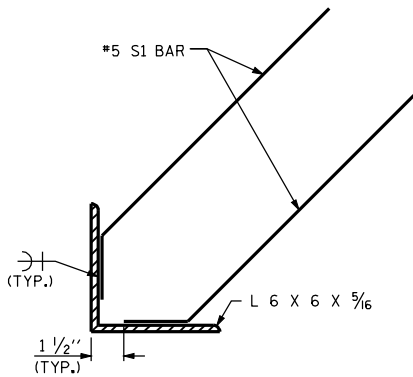
BOTTOM PANEL

SECTION THROUGH PRECAST PANELS



MODIFIED PANEL DETAIL

(USE ONLY FOR TURNS 15° OR LESS, CONVEX TOWARD ROADWAY)



DETAIL "B"

ADDITIONAL BARS FOR ONE BOTTOM PANEL						
NO.	BAR	SIZE	TYPE	LENGTH	WEIGHT (lb)	
4	S1	#5	1	1'-6"	6	
BAR TYPE						

QUANTITIES FOR ONE PRECAST PANEL (FOR 10'-0" PILE SPACING)														
PANEL HEIGHT	CLASS AA CONCRETE	BAR TYPES												
		HORIZONTAL							VERTICAL					
		C.Y.	NO.	BAR	SIZE	TYPE	LENGTH	WEIGHT (lb)	NO.	BAR	SIZE	TYPE	LENGTH	WEIGHT (lb)
2'-0"	0.24	3	H1	#4	STR	9'-4"	19	10	V1	#4	STR	1'-8"	11	
3'-0"	0.36	4	H2	#4	STR	9'-4"	25	10	V2	#4	STR	2'-8"	18	
4'-0"	0.48	5	H3	#4	STR	9'-4"	31	10	V3	#4	STR	3'-8"	24	

QUANTITIES FOR ONE PRECAST PANEL (FOR 15'-0" PILE SPACING)														
PANEL HEIGHT	CLASS AA CONCRETE	BAR TYPES												
		HORIZONTAL							VERTICAL					
		C.Y.	NO.	BAR	SIZE	TYPE	LENGTH	WEIGHT (lb)	NO.	BAR	SIZE	TYPE	LENGTH	WEIGHT (lb)
3'-0"	0.54		H1	#4	STR	14'-4"		15	V1	#4	STR	2'-8"		27
4'-0"	0.72		H2	#4	STR	14'-4"		15	V2	#4	STR	3'-8"		37
5'-0"	0.91		H3	#4	STR	14'-4"		15	V3	#4	STR	4'-8"		47
6'-0"	1.09		H4	#4	STR	14'-4"		15	V4	#4	STR	5'-8"		57

PROJECT NO. _____

COUNTY _____

STATION: _____

SHEET OF

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD SOUND BARRIER WALL DETAILS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					TOTAL SHEETS
STD. NO. SBW2					