

NOISE BARRIER NOTES:

REVISION

1. LOCATE UTILITIES PRIOR TO POST EXCAVATION.

STATE

ALASKA

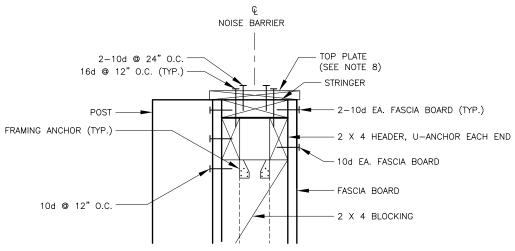
2. STAKE RIGHT-OF-WAY AND BARRIER LINES FOR INSPECTION BY THE ENGINEER PRIOR TO BEGINNING FENCE CONSTRUCTION.

PROJECT DESIGNATION

XXXXXXX/XXXXXXXXXXX

20XXLAYOU

- 3. REFER TO NOISE BARRIER FENCE SUMMARY TABLE FOR STATION, OFFSET, HEIGHT, AND APPLICABLE DESIGN SCHEDULE (B1 OR B2).
- 4. GRADE THE GROUND AT THE BASE OF THE WALL PANELS SUCH THAT ALL FASCIA BOARDS ARE BURIED A MINIMUM OF 1-INCH.
- 5. CLASS W CONCRETE FOR FILLING POST HOLES.
- 6. IN ACCORDANCE WITH THE 6TH EDITION AMERICAN INSTITUTE OF TIMBER CONSTRUCTION FOR DOUGLAS FIR-LARCH, POSTS SHALL BE GRADED DENSE NO. 1. STRINGERS AND BLOCKING SHALL BE GRADED NO. 2.
- 7. VERTICAL FASCIA BOARDS SHALL BE 1 X 6 CEDAR WITH SHIP LAPPED EDGES. FASTEN TO EACH STRINGER USING 2-10d NAILS.
- 8. TOP PLATES SHALL BE 1-INCH (NOMINAL) CEDAR. WIDTH SHALL BE 2-INCHES GREATER THAN STRINGER. FASTEN USING 2-10d NAILS AT 24-INCH O.C.
- 9. INSTALL POSTS WITH LARGE DIMENSION PERPENDICULAR TO FACE OF NOISE BARRIER.
- 10. INSTALL POSTS AT ALL ANGLE POINTS AND ENDS OF TRANSITIONS.
- 11. TRANSITION PANEL STRINGERS AND POST REQUIREMENTS SHALL BE THOSE OF THE HIGHER
- 12. INSTALL 2 X 4 HEADERS TO TOP AS SHOWN IN DETAIL "B". USE 16d NAILS 12-INCH O.C.
- 13. USE 18 GAGE FRAMING ANCHORS AND 10d NAILS TO ATTACH STRINGER TO POST, HEADER TO POST AND BLOCKING TO STRINGER.
- 14. TREAT POSTS, STRINGERS AND BLOCKING ACCORDING TO SECTION 714, AND PRESERVATIVE TREATMENT PROCESSES FOR WOOD MATERIALS. PRESERVATIVES
- 15. HOT DIP GALVANIZE ALL METAL PRODUCTS, HARDWARE AND FASTENERS.
- 16. FOR FENCE INSTALLATION, OMIT FASCIA BOARD ON THE BACKSIDE OF STRUCTURE.



NOISE BARRIER SCHEDULE B1										
		STRINGER (EQUALLY SPACED)								
FENCE HEIGHT, H (FT.)	SIZE	SPACING (FT.)	EMBEDMENT DEPTH, d (FT.)	HOLE DIAMETER	NO. REQ'D	SIZE				
6	4 X 6	8	8	14	4	2 X 4				
8	4 X 8	8	8	14	4	2 X 4				
10	4 X 12	12	8	24	5	2 X 6				
12	4 X 14	12	10	20	6	2 X 6				
14	6 X 14	12	10	22	7	2 X 6				

NOISE BARRIER SCHEDULE B2										
	STRINGER (EQUALLY SPACED)									
FENCE HEIGHT, H (FT.)	SIZE	SPACING (FT.)	EMBEDMENT DEPTH, d (FT.)	HOLE DIAMETER	NO. REQ'D	SIZE				
6	4 X 8	8	8	16	4	2 X 4				
8	4 X 12	12	10	20	5	2 X 6				
10	6 X 12	12	10	22	6	2 X 6				
12	6 X 14	12	10	26	7	2 X 6				
14	6 X 16	12	10	30	8	2 X 6				





STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES PROJECT TITLE PROJECT TITLE NOISE BARRIER DETAIL