

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Noise Abatement Wall, Ground Mounted	Sq. Ft.	50,750
Noise Abatement Wall, Structure Mounted	Sq. Ft.	35,320
Barrier Support Structure for Noise Abatement Wall	Ft.	3,080

INDEX OF SHEETS

- General Plan Noise Abatement Walls 7A & 8A S-1
- Elevation Wall 8A S-2 General Plan - Noise Abatement Walls 7B & 8B 5-3
- S-4 Details - Walls 7B & 8B
- S-5 General Plan and Elevation Noise Abatement Wall 11

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi fy = 60,000 psi (Reinforcement)

fy = 36,000 psi (M270 Grade 36) Min.

PRECAST UNITS

f'c = 4,500 psi (min.) fy = 60,000 psi (Reinforcement) fy = 65,000 psi (Welded Wire Fabric)

LOADING

Wind Load on Noise Walls 35 nst (See Special Provision)

DESIGN SPECIFICATIONS

AASHTO 2002 Standard Specifications for Highway Bridges AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers, with Interims



GENERAL PLAN NOISE ABATEMENT WALLS 7A& 8A F.A.I. RTE. 80 - SEC 99-5R-1 WILL COUNTY STA. 869+67.65 TO STA. 878+00.00

F.A. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80 99-5R-I	WILL	112	40
	CONTRACT	NO. 60M	186
ILLINOIS FED. AID PROJECT			