

ELEVATION - NOISE WALL 8B
(Looking North)

2-1" dia. anchor bolts with locknuts for Traffic Barrier Terminal, Type 5, see Standard 631026-05 for details. Cost included with Barrier Support Structure for Noise Abatement Wall

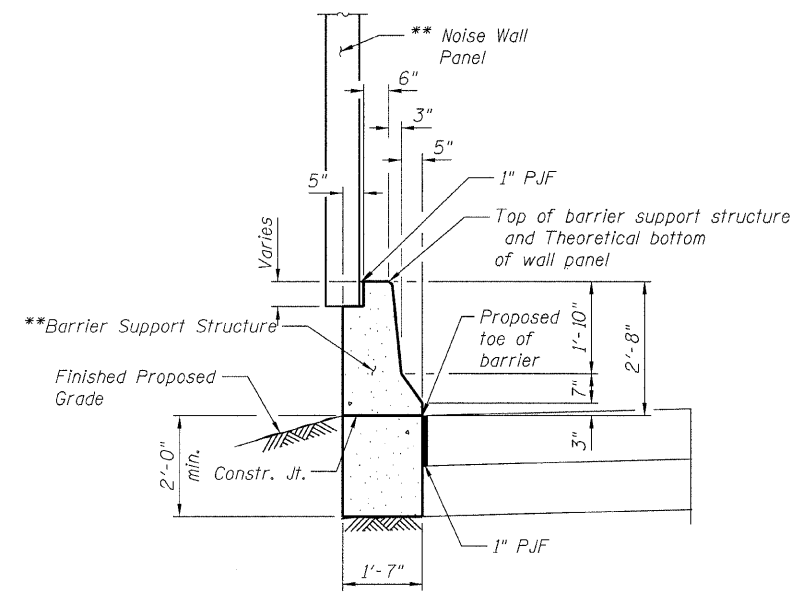
WALL 8B INFORMATION

Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Barrier Toe	Bottom of Barrier Support Structure
875+20.00	61.50	706.70	702.30	699.63	697.63
875+80.00	61.50	712.70	701.63	698.96	696.96
876+00.00	61.50	712.50	701.40	698.74	696.74
877+00.00	61.50	711.50	700.29	697.62	695.62
878+00.00	61.50	710.50	699.17	696.50	694.50
879+00.00	61.50	709.50	698.05	695.39	693.39
880+00.00	61.50	708.50	696.93	694.27	692.27
881+00.00	61.50	706.50	695.82	693.15	691.15
882+00.00	61.50	705.50	694.70	692.03	690.03
883+00.00	61.50	704.50	693.58	690.92	688.92
884+00.00	61.50	703.50	692.46	689.80	687.80
885+00.00	61.50	702.50	691.35	688.68	686.68
886+00.00	61.50	701.50	690.23	687.56	685.56
887+00.00	61.50	700.50	689.11	686.44	684.44
888+00.00	61.50	699.50	688.00	685.32	683.32
888+95.00	61.50	699.02	688.27	685.61	683.61
889+00.00	61.50	698.52	688.25	685.59	683.59
889+35.00	61.50	695.02	688.11	685.45	683.45

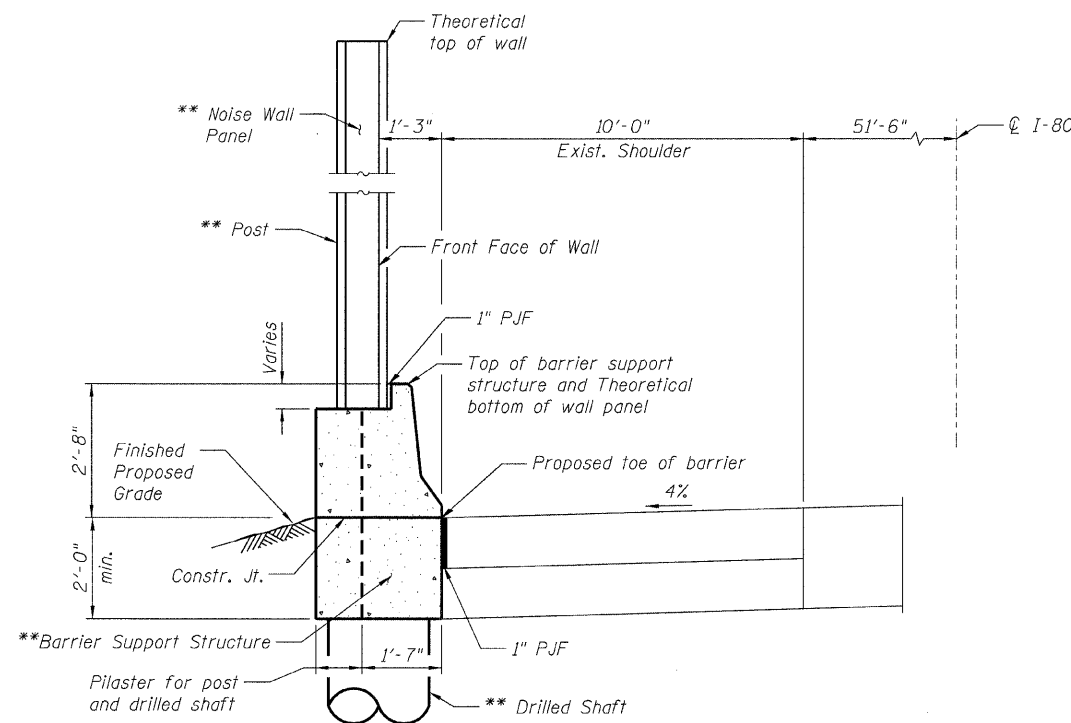
* Stations and offsets for the wall are given from @ F.A.I. Rte. 80 to Barrier Support Structure Toe

NOTES:

- The barrier support structure shall be designed to satisfy all loads specified in Special Provision "Barrier Support Structure for Noise Abatement Wall".
- Cost of Structure excavation, drilled shafts, concrete, reinforced bars and other elements for barrier structures supporting Noise Walls 7B and 8B is included with Barrier Support Structure for Noise Abatement Wall.
- Cost of shoulder removal and reconstruction required for the barrier support structure construction is included with Barrier Support Structure for Noise Abatement Wall.
- Protective coat shall be applied to the top and inside vertical faces of the Concrete Barrier. The cost is included with Barrier Support Structure for Noise Abatement Wall.



SECTION THRU BARRIER AND PANEL



SECTION AT POST AND DRILLED SHAFT

TYPICAL SECTIONS - WALLS 7B AND 8B

** Type, size & spacing of posts, noise wall panels, drilled shaft size, spacing and embedment length, reinforcement details for Barrier Support Structure and all connections to be determined by contractor.

BILL OF MATERIAL

Total for walls 7B and 8B

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

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USER NAME = jk.jellman	DESIGNED - EKM	REVISED -
PLOT SCALE = 60' / IN.	CHECKED - AMK	REVISED -
PLOT DATE = 3/24/2011	DRAWN - RD	REVISED -
	CHECKED - EKM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS - WALLS 7B & 8B
STA. 872+70.38 TO STA. 889+35.00

SHEET NO.S-4 OF S-5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	43
CONTRACT NO. 60N86			[ILLINOIS] FED. AID PROJECT	