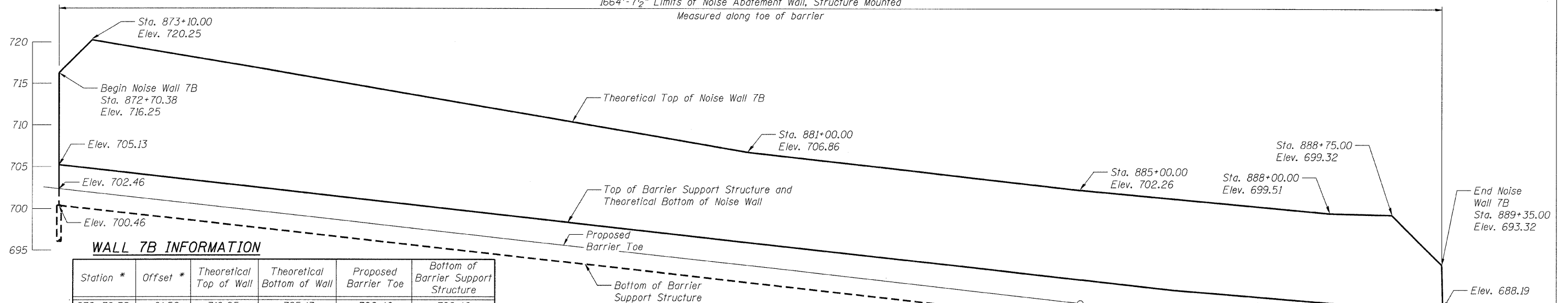


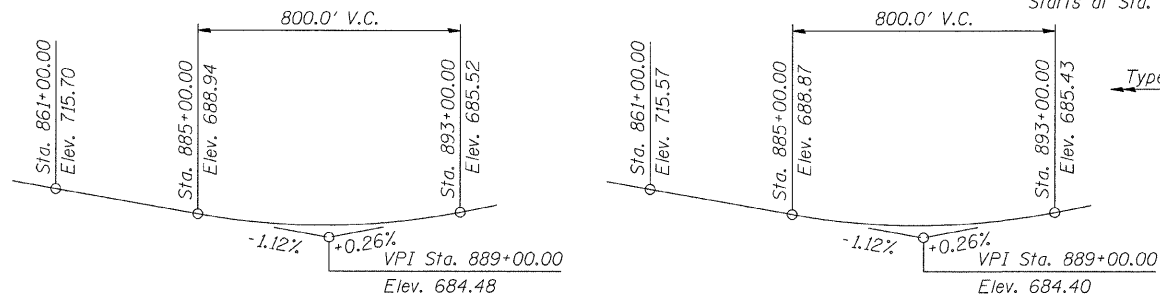
1664'-7 1/2" Limits of Noise Abatement Wall, Structure Mounted
Measured along toe of barrier



WALL 7B INFORMATION

Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Barrier Toe	Bottom of Barrier Support Structure
872+70.38	-61.50	716.25	705.13	702.46	700.46
873+00.00	-61.50	719.24	704.80	702.13	700.13
873+10.00	-61.50	720.25	704.69	702.02	700.02
874+00.00	-61.50	718.73	703.68	701.02	699.02
875+00.00	-61.50	717.03	702.57	699.90	697.90
876+00.00	-61.50	715.34	701.45	698.79	696.79
877+00.00	-61.50	713.64	700.34	697.67	695.67
878+00.00	-61.50	711.95	699.22	696.56	694.56
879+00.00	-61.50	710.25	698.11	695.44	693.44
880+00.00	-61.50	708.56	696.99	694.33	692.33
881+00.00	-61.50	706.86	695.88	693.21	691.21
882+00.00	-61.50	705.17	694.76	692.10	690.10
883+00.00	-61.50	704.56	693.65	690.98	688.98
884+00.00	-61.50	703.41	692.53	689.87	687.87
885+00.00	-61.50	702.26	691.42	688.75	686.75
886+00.00	-61.50	701.34	690.39	687.72	685.72
887+00.00	-61.50	700.43	689.53	686.86	684.86
888+00.00	-61.50	699.51	688.85	686.18	684.18
888+75.00	-61.50	699.32	688.44	685.78	683.78
889+00.00	-61.50	696.82	688.33	685.67	683.67
889+35.00	-61.50	693.32	688.19	685.53	683.53

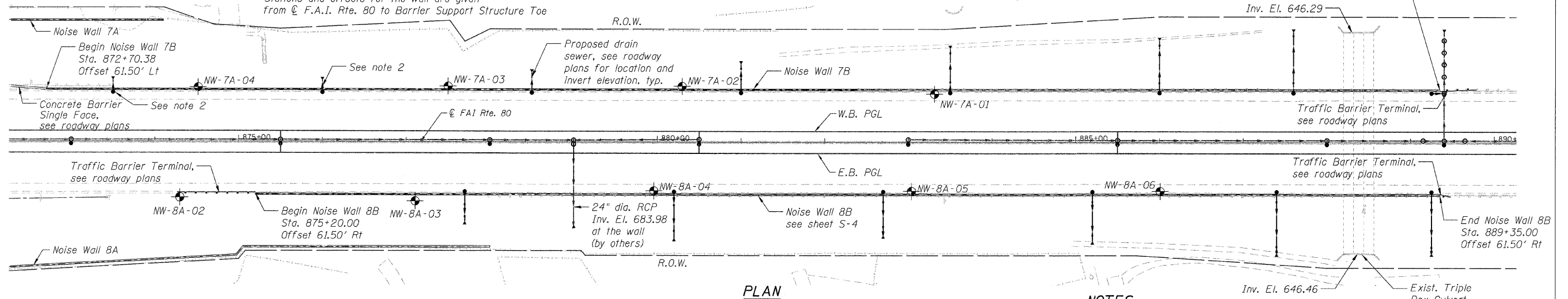
ELEVATION - NOISE WALL 7B
(Looking North)



EXIST. PROFILE GRADE
(along W.B. PGL)

EXIST. PROFILE GRADE
(along E.B. PGL)

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



PLAN

NOTES:

- See Sheet S-4 for Noise Wall 7B & 8B typical section.
- In locations where the storm sewer is less than 2 feet below the ground the barrier support structure shall be designed to accommodate the pipe.
- The barrier support structure and the foundation may need a special design over the existing culvert. Any damage to the existing culvert will be repaired by the Contractor at no cost to the Department.

LEGEND

◆ Boring location

N:\PROJ\3384\5-Noise Walls\Design\Structural\CAD\03 Noise wall 7B.dgn



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

GENERAL PLAN - NOISE ABATEMENT WALLS 7B & 8B
STA. 872 + 70.38 TO STA. 889 + 35.00

SHEET NO. S-3 OF S-5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	42
			CONTRACT NO. 60N86	
ILLINOIS FED. AID PROJECT				