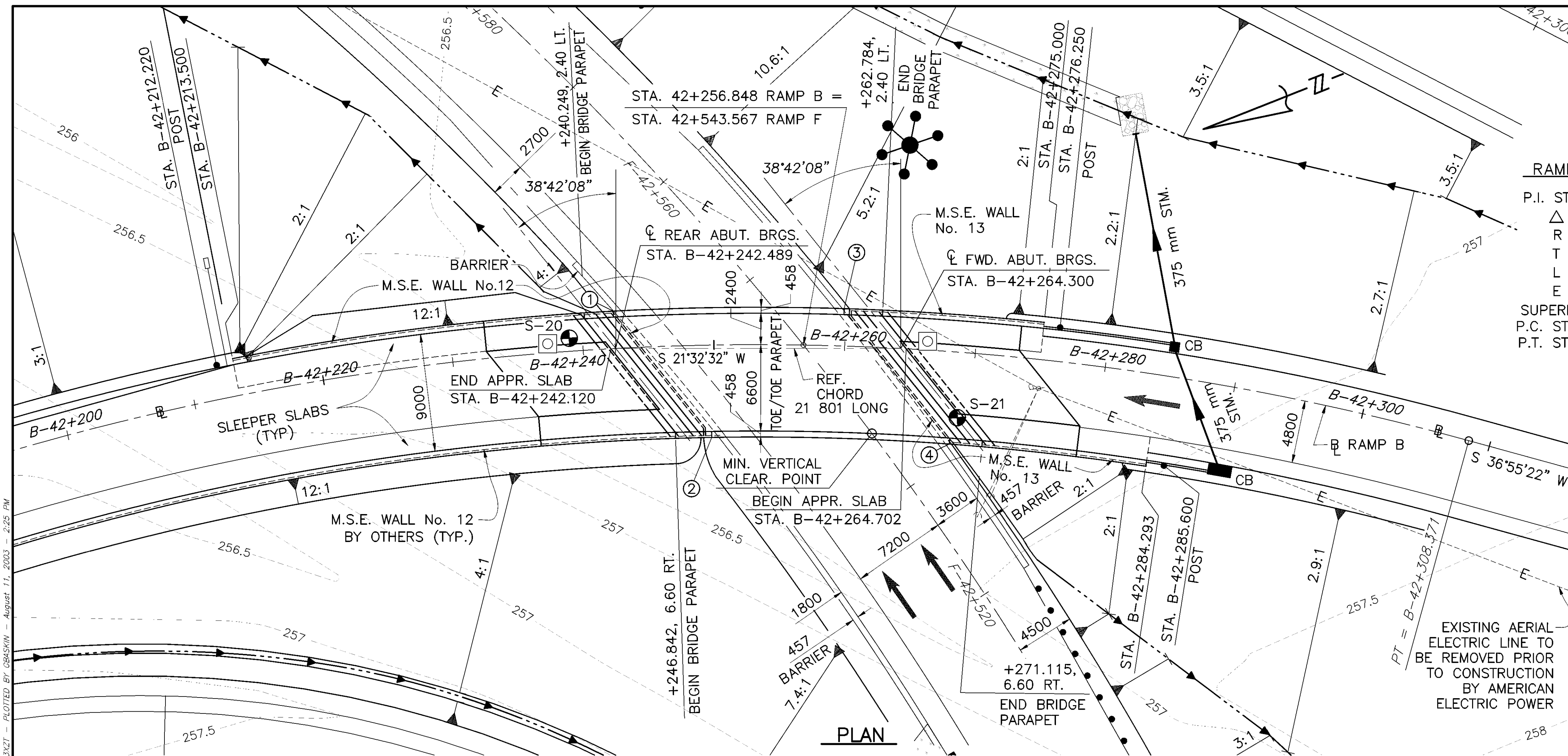


G:\PROJECT\305049\DWG\CEWA 4-23-01\98-113\BRIDGE PLANS\BRIDGE-K-42242\BROK-S01.DWG - 4 XREFS: 12563XPU 12563XEC 12563XCT - PLOTTED BY GB4SKIN - August 11, 2003 - 2:25 PM



RAMP B CURVE DATA

P.I. STA. = B-42+434.934
 Δ = 144° 42' 28" RT.
R = 204.800 m
T = 643.811 m
L = 517.248 m
E = 470.800 m
SUPERELEVATION = 0.060
P.C. STA. = B-41+791.123
P.T. STA. = B-42+308.371

RAMP F CURVE DATA

P.I. STA. = F-42+873.504
 Δ = 149° 38' 42" RT.
R = 250.000 m
T = 921.584 m
L = 652.950 m
E = 704.891 m
SUPERELEVATION = 0.060
P.C. STA. = F-41+951.919
P.T. STA. = F-42+604.869

M.S.E. WALL CORNER TURNING POINTS

- STA. B-42+242.448, 2.735 LT.
- STA. B-42+249.718, 6.935 RT.
- STA. B-42+259.870, 2.735 LT.
- STA. B-42+268.583, 6.935 RT.

* FACE OF WALL SET 1560 PARALLEL TO $\angle$ BEARINGS.
REMOVE HEEL OF TYPE D CONCRETE BARRIER AT MSE WALLS AS NEEDED.

BENCHMARK:

BRASS PLATE ON SOUTH SIDE OF EAST ABUTMENT OF S.R. 161 BRIDGE OVER I-270, 7.47M SOUTH OF CENTERLINE OF EASTBOUND LANES OF S.R. 161.
ELEVATION: 261.585

⊕ = BORING LOCATIONS

⊗ = PROPOSED SETTLEMENT PLATFORM LOCATION. SEE SHEET 43 FOR NOTES AND DETAILS.

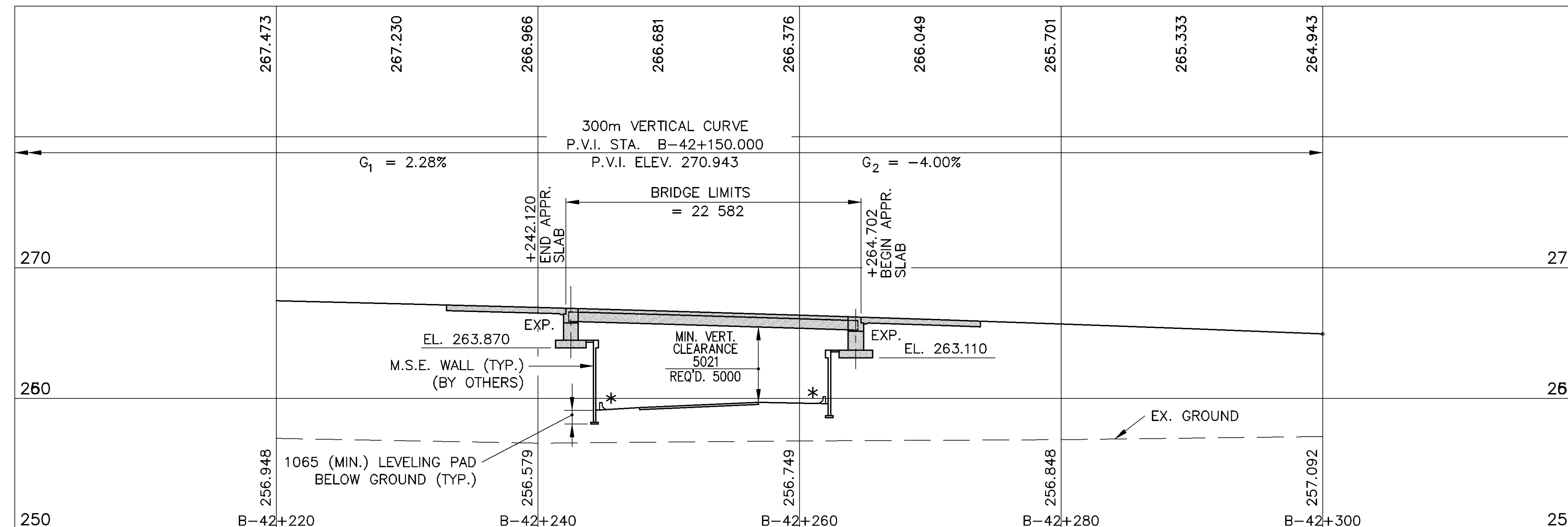
NOTE :
ALL DIMENSIONS ARE IN MILLIMETERS.
STATIONS AND ELEVATIONS ARE IN METERS.

TRAFFIC

	2000	2020
ADT	7020	10970
ADTT	350	550

PROPOSED STRUCTURE

TYPE: SINGLE SPAN COMPOSITE(A572M, PAINTED) STEEL BEAM WITH CONCRETE DECK AND SEMI-INTEGRAL ABUTMENT ON SPREAD FOOTINGS ON MSE WALLS.
SPAN: 21 801 (REFERENCE CHORD)
C/C ABUTMENT BEARINGS
SKEW: 38°-42'-08" RT. FWD.(FROM REF. CHORD)
ALIGNMENT: 204.800 m RADIUS CURVE TO RT.
ROADWAY: 9000 T/T PARAPET
DESIGN LOADING: MS22.5, CASE II AND THE ALTERNATE MILITARY LOADING
WEARING SURFACE: MONOLITHIC CONCRETE
SUPERELEVATION : 0.06
APPROACH SLABS: AS-1-81M (9150 LONG) T=425
LAT. N 40° 04' 53" LONG. W 82° 54' 22"



B-42+239 SHALE ELEV. 245.12±
B-42+269 SHALE ELEV. 247.22±