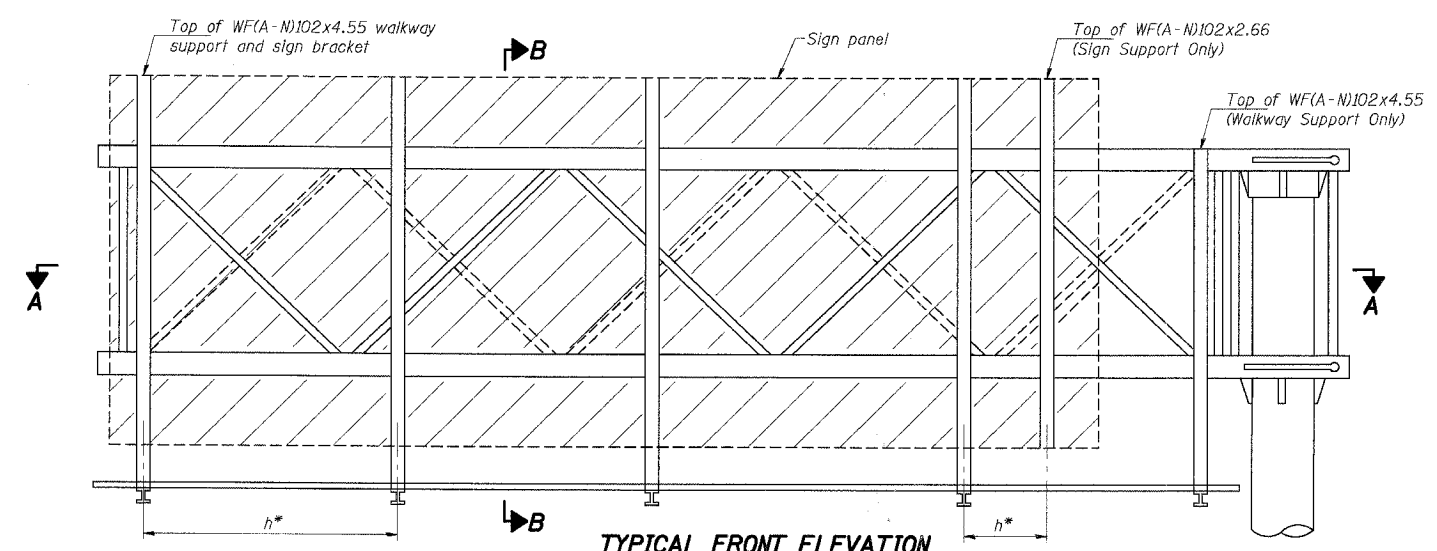
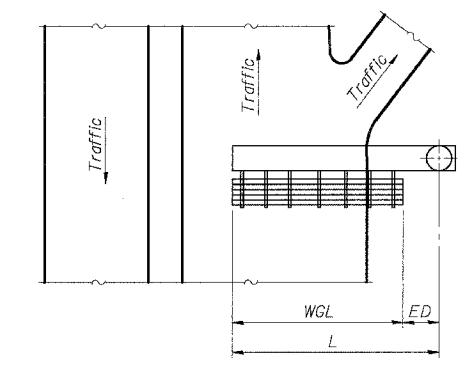


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	332
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

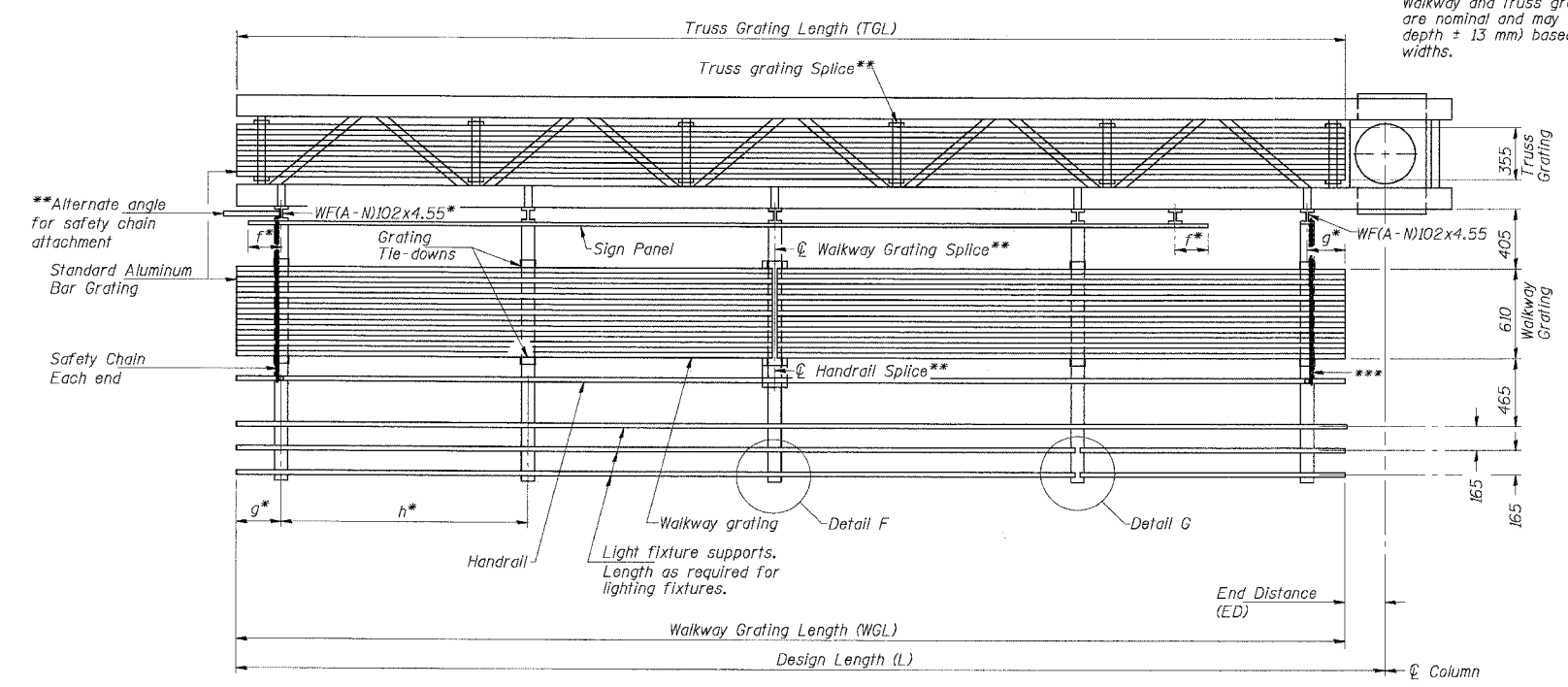


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

Walkway and truss grating dimensions are nominal and may vary (width ± 13 mm, depth ± 13 mm) based on available standard widths.



SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in "Overhead Sign Structure Cantilever".

Handrail and walkway grating shall span a minimum of three brackets between splices.
**Use and location of handrail or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 150 \right)$$

Structure Number	Station	WGL	ED	TGL
1C0161080L162.1	5+658.000	6.3 m	2.85 m	8.695 m
1C0161080L162.3	6+100.000	5.6 m	2.81 m	7.955 m

Notes: *Space walkway brackets WF(A-N)102x4.55 and sign brackets WF(A-N)102x2.66 for efficiency and within limits shown:
f = 300 maximum, 100 minimum (End of sign to center of nearest bracket)
g = 300 maximum, 100 minimum (End of walkway to center of nearest bracket)
h = 1.85 m maximum (center to center sign and/or walkway support brackets, WF(A-N)102x2.66 or WF(A-N)102x4.55)
***If walkway bracket at safety chain location is behind sign, add angle to bracket.
For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7(M).
For details of handrail, handrail splice, safety chain and Details F and G, see Base Sheet OSC-A-8(M).

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
2.45	4.3	3
4.3	6.15	4
6.15	8.0	5
8.0	9.85	6

REVISIONS	
NAME	DATE

17 of 23

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

**CANTILEVER SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS
ALUMINUM TRUSS & STEEL POST**

SCALE: DATE: 7/18/2005
DRAWN BY: NK
CHECKED BY: VCP

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

7-2-2005, 10:23:55
 T:\DOCUMENT\BTR\PROJECT\ADN\MST\0517057A-DCN
 12 3 4 5 6 7 8 9 0 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
 BAJ/ZKKJ
 OSC-A-6(M) 11/1/2002