

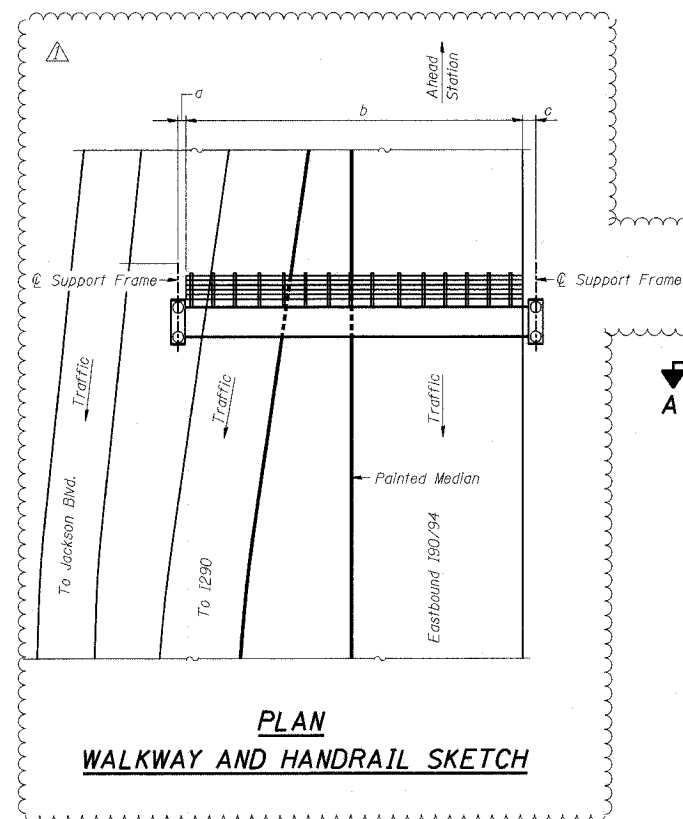
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2007-056 SG	COOK	30	19
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

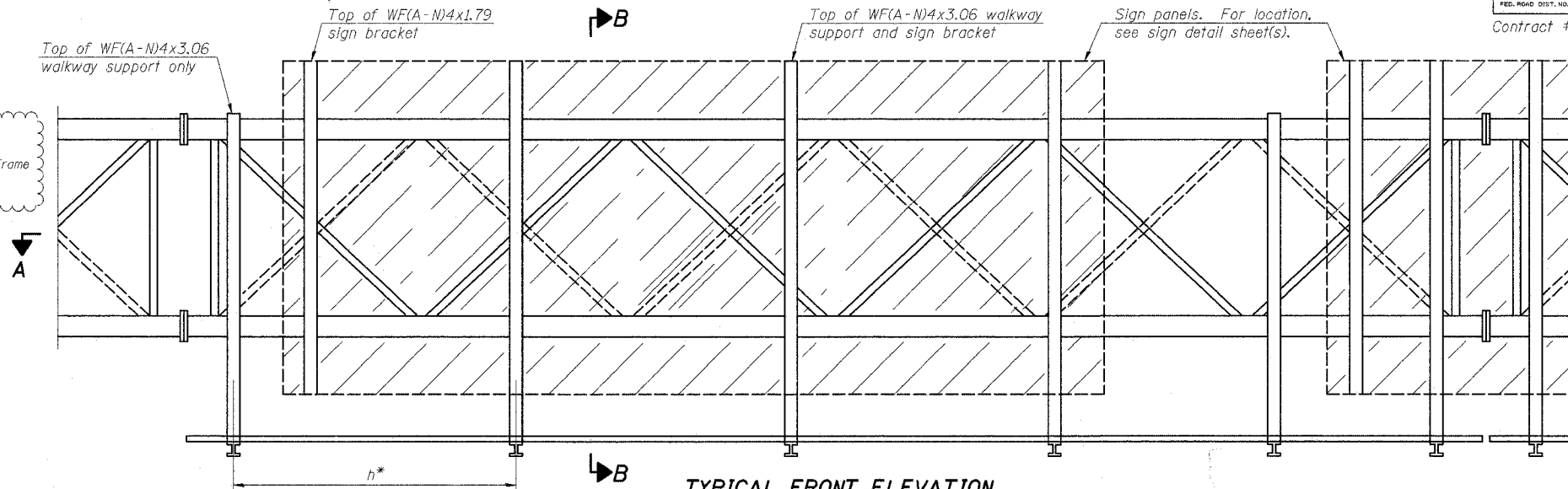
SHEET NO. 7

12 SHEETS

Contract # 60D49

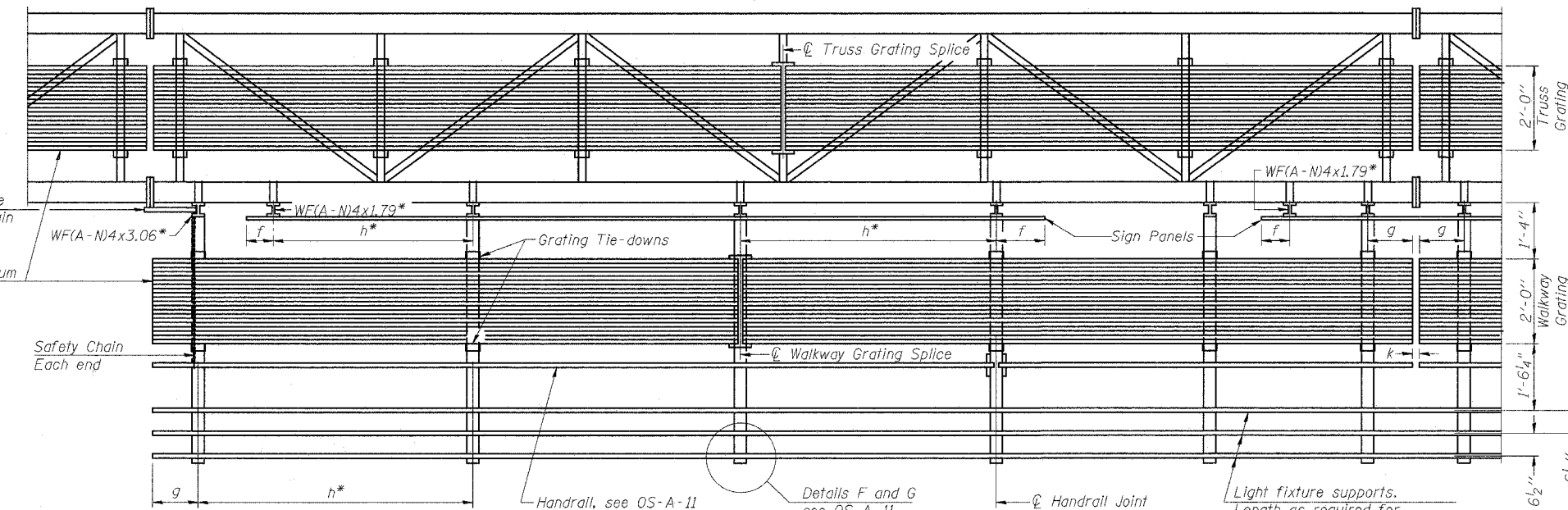


**PLAN  
WALKWAY AND HANDRAIL SKETCH**



**TYPICAL FRONT ELEVATION**

With lights and handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10.



**SECTION A-A**

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary ±1/2" based on available standard widths.

**BRACKET TABLE**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

**Notes:**

\* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)

g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)

h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

k = 2" maximum gap between adjacent walkway grating sections and handrail ends

\*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.  
For Handrail Details see Base Sheet OS-A-11.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
ISO161094L051.5	30+74.00	±2'-3"	±94'-3"	±3'-6"	-	-	±94'-3"

**OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS**

**I-90/94 KENNEDY EXPRESSWAY  
(HUBBARDS CAVE TO I-290)  
STATION 30+74.00 (I90/94)  
COOK COUNTY  
STRUCTURE NUMBER ISO161094L051.5**

DESIGNED - ASP	200
CHECKED - RLP	EXAMINED
DRAWN - BEM	PASSED
CHECKED - ASP	ENGINEER OF BRIDGES AND STRUCTURES

6/01/2007

OS-A-9

NUMBER	REVISION	DATE
△	ADDENDUM 1	1-3-08