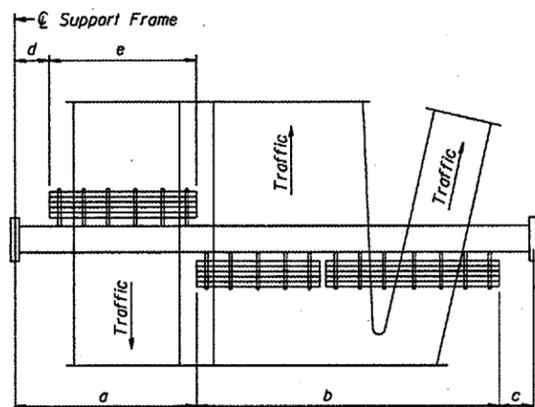
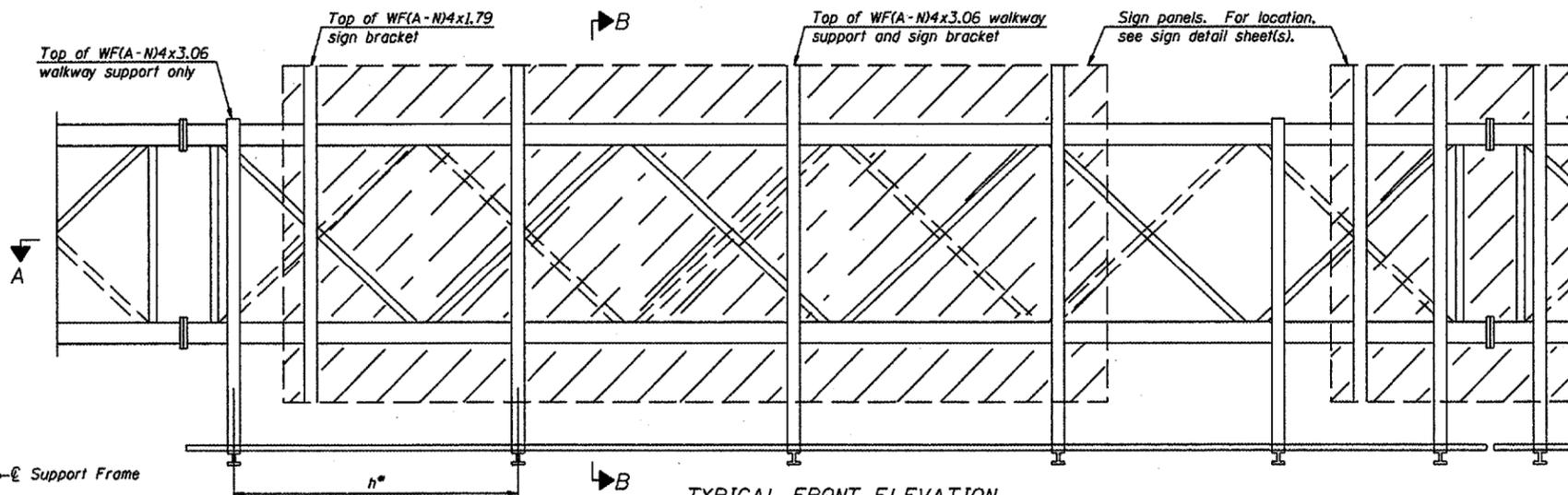


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

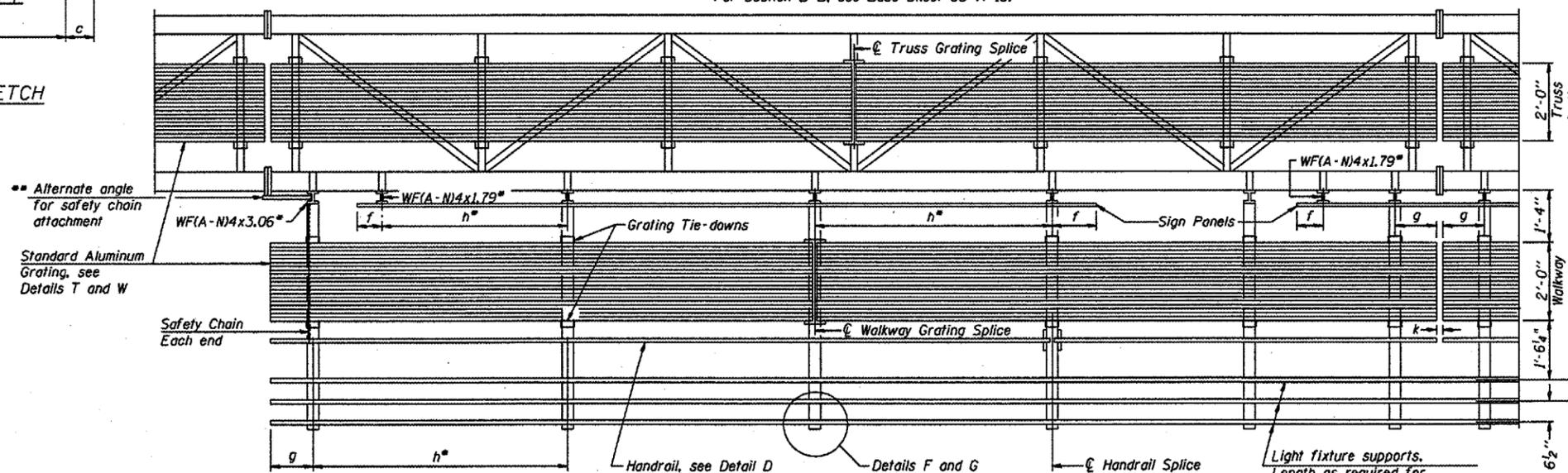
Various Routes
OVD SIN STR REP & REPL 2006-9
Various Counties
Sheet 37 of 89
Contract Number 44904



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



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. Grating, handrail 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".

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 of 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 Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11.

DESIGNED		20
CHECKED	EXAMINED	ENGINEER OF BRIDGE DESIGN
DRAWN	PASSED	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED		

NUMBER	REVISION	DATE

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
3S0501039L059.6	1072 + 00	N/A	N/A	N/A	N/A	N/A	109' - 7" *
3S0501039R057.7	975 + 00	N/A	N/A	N/A	N/A	N/A	125' - 9" *
3S0501039R057.2	949 + 00	N/A	N/A	N/A	N/A	N/A	125' - 9" *
3S0501039R058.3	1002 + 96	N/A	N/A	N/A	N/A	N/A	125' - 9" *
3S0501039L060.3	1106 + 75	N/A	N/A	N/A	N/A	N/A	109' - 7" *

* Length shown is for internal truss grating to be installed.

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

District 3
Overhead Sign
Structure Replacement

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