

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

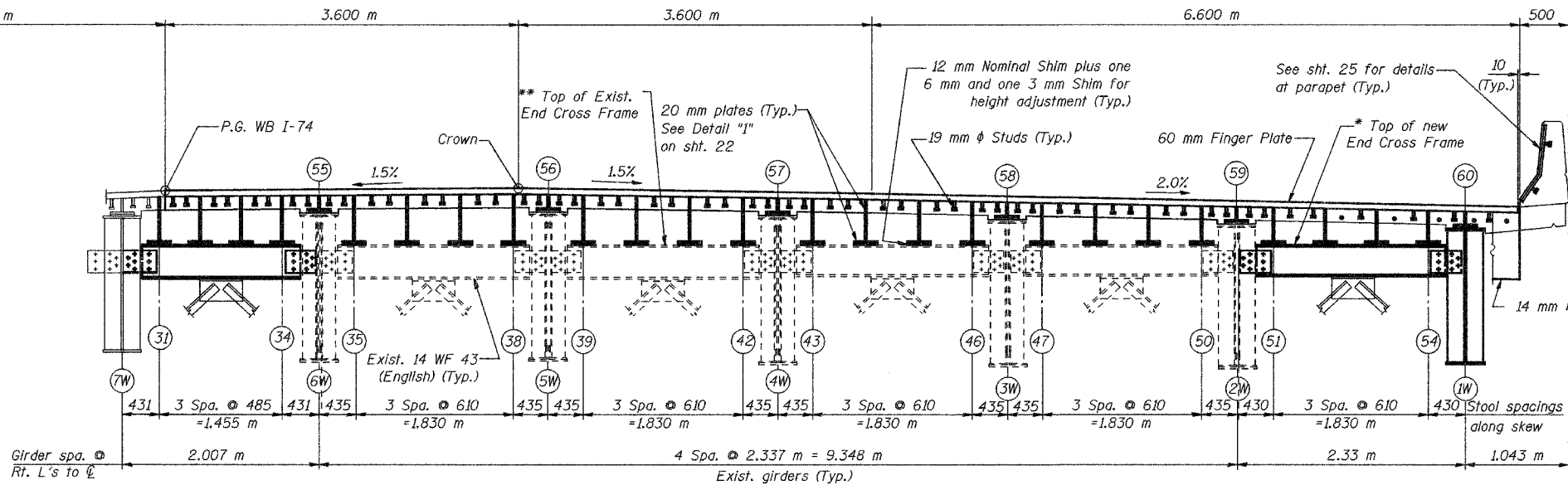
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-13HVB	TAZEWELL	1366	472
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 24
68 SHEETS

TABLE FOR STOOL HEIGHT AT DIAPHRAGMS

Stool #	Dim. A
1	313
2	321
3	329
4	337
5	352
6	363
7	373
8	383
9	377
10	372
11	366
12	361
13	353
14	347
15	339
16	331
17	320
18	311
19	303
20	295
21	283
22	275
23	267
24	257
31	310
32	318
33	327
34	335
35	402
36	412
37	422
38	433
39	427
40	421
41	416
42	410
43	402
44	397
45	389
46	381
47	369
48	361
49	353
50	345
51	281
52	273
53	265
54	259

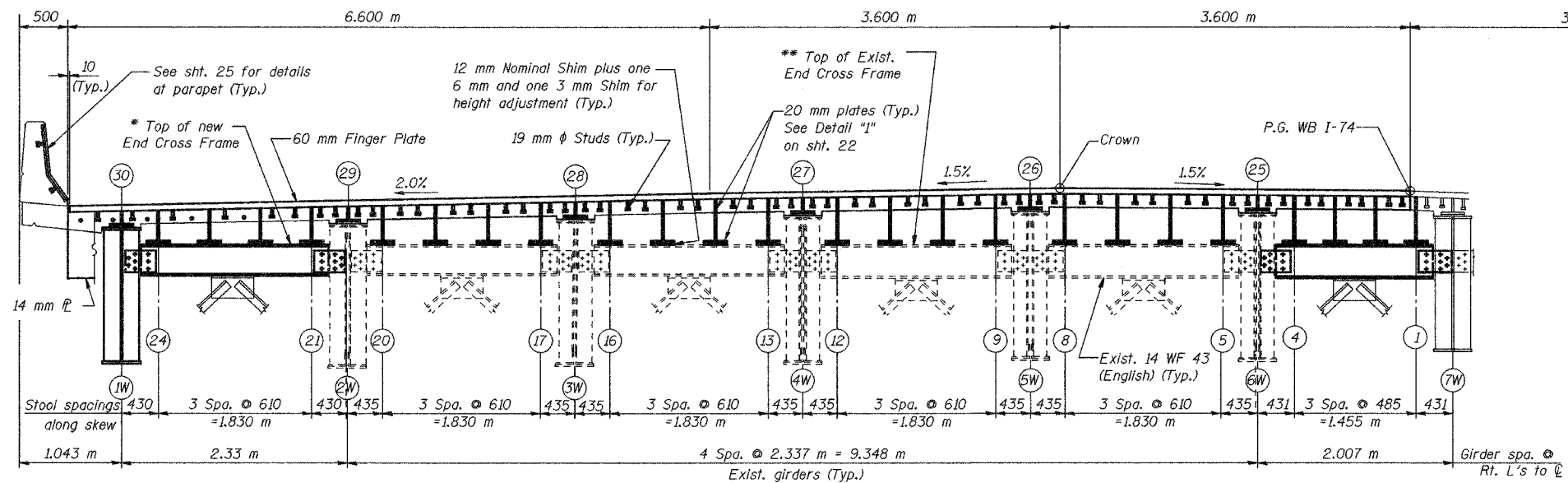
See Detail 1 on Sht. 22 for Dim. A



** Top of Existing cross frame beam
Elevation 152.684 WB North Bearings
Elevation 152.667 WB South Bearings

* Top of New cross frame beam
Elevation 152.736 WB North Bearings
Elevation 152.740 WB South Bearings

CROSS SECTION F-F (NORTH BRGS.)



Notes:

The cost of new steel and all hardware for the finger plate joints shall be included in the price of Furnishing and Erecting Structural steel.

The exist. finger plate joint assembly including roadway plate, stools and connecting hardware shall be removed. The cost of this work shall be included in the price for Removal of Existing Concrete Deck.

The exist. end diaphragm beams 14 WF 43 (English) shall remain. The existing holes in the diaphragm top flange shall be reused as a template for field drilling holes in the new stools to connect the new stools.

See Sheet 23 for location of Sections F-F and G-G.

For new stools on the existing girders use the holes in the new stools as a template to field drill holes in the existing girder flange.

The Contractor shall field verify the stool heights before ordering material for fabrication.

CROSS SECTION G-G (SOUTH BRGS.)

TABLE FOR STOOL HEIGHT AT GIRDERS

Stool #	Dim. A
25	355
26	347
27	316
28	265
29	268
30	176
55	329
56	318
57	267
58	241
59	231
60	175

See Detail 1 on Sht. 25 for Dim. A

FINGER PLATE JOINT CROSS SECTION

Date	Designed EV	WESTBOUND F.A.I. ROUTE 74 OVER CAMP STREET, FARM CREEK, AND TP&W RR F.A.I. RTE. 74 SECTION (90-13HVB)BY TAZEWELL COUNTY STATION 153+625.193 STRUCTURE NO. 090-0009	Sheet No.
Revisions	Drawn EV		24
	Checked NPP		of 68
	Approved NPP		BRW Job No. 17049-071
Prepared By: BRW, Inc. A Division of URS		1701 Golf Rd., Suite 1000 Rolling Meadows, IL.	