

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

68201

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-13HVB	TAZEWELL	1366	456
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 8
68 SHEETS

GIRDER 5W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	153498.746	-3.916	152.169	152.169
CL BRG. N. ABUT	153499.755	-3.916	152.177	152.177
A	153502.755	-3.916	152.201	152.205
B	153505.755	-3.916	152.225	152.231
C	153508.755	-3.916	152.249	152.254
D	153511.755	-3.916	152.273	152.276
CL SHELF BRG.	153513.712	-3.916	152.289	152.289
CL BRG. PIER 1	153514.080	-3.916	152.292	152.292
E	153517.080	-3.916	152.316	152.322
F	153520.080	-3.916	152.340	152.352
G	153523.080	-3.916	152.364	152.382
H	153526.080	-3.916	152.388	152.409
I	153529.080	-3.916	152.412	152.435
J	153532.080	-3.916	152.436	152.458
K	153535.080	-3.916	152.460	152.480
L	153538.080	-3.916	152.484	152.500
M	153541.080	-3.916	152.508	152.519
N	153544.080	-3.916	152.532	152.538
O	153547.080	-3.916	152.556	152.558
CL BRG. PIER 2	153550.504	-3.916	152.583	152.583
Q	153553.504	-3.916	152.607	152.606
R	153556.504	-3.916	152.631	152.631
S	153559.504	-3.916	152.655	152.656
T	153562.504	-3.916	152.679	152.682
U	153565.504	-3.916	152.703	152.707
V	153568.504	-3.916	152.727	152.732
W	153571.504	-3.916	152.751	152.756
X	153574.504	-3.916	152.775	152.779
Y	153577.504	-3.916	152.799	152.802
Z	153580.504	-3.916	152.823	152.825
AA	153583.504	-3.916	152.847	152.847
AB	153586.504	-3.916	152.871	152.870
CL BRG. PIER 3	153590.776	-3.916	152.905	152.905
AD	153593.776	-3.916	152.929	152.932
AE	153596.776	-3.916	152.953	152.960
AF	153599.776	-3.916	152.977	152.989
AG	153602.776	-3.916	153.001	153.017
AH	153605.776	-3.916	153.025	153.045
AI	153608.776	-3.916	153.049	153.072
AJ	153611.776	-3.916	153.073	153.096
AK	153614.776	-3.916	153.097	153.119
AL	153617.776	-3.916	153.121	153.140
AM	153620.776	-3.916	153.145	153.160
AN	153623.776	-3.916	153.169	153.177
CL N. BRG. PIER 4	153627.200	-3.916	153.197	153.197

GIRDER 5W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL S. BRG. PIER 4	153627.708	-3.916	153.201	153.201
AP	153630.708	-3.916	153.225	153.225
AQ	153633.708	-3.916	153.247	153.247
AR	153636.708	-3.916	153.269	153.268
AS	153639.708	-3.916	153.289	153.287
AT	153642.708	-3.916	153.309	153.306
AU	153645.708	-3.916	153.327	153.324
AV	153648.708	-3.916	153.344	153.343
CL BRG. PIER 5	153651.597	-3.916	153.360	153.360
AW	153654.597	-3.916	153.375	153.379
AX	153657.597	-3.916	153.389	153.398
AY	153660.597	-3.916	153.402	153.418
AZ	153663.597	-3.916	153.413	153.436
BA	153666.597	-3.916	153.424	153.452
BB	153669.597	-3.916	153.433	153.466
BC	153672.597	-3.916	153.442	153.477
BD	153675.597	-3.916	153.449	153.485
BE	153678.597	-3.916	153.455	153.489
BF	153681.597	-3.916	153.460	153.491
BG	153684.597	-3.916	153.464	153.490
BH	153687.597	-3.916	153.467	153.486
BI	153690.597	-3.916	153.468	153.481
BJ	153693.597	-3.916	153.469	153.475
BK	153696.597	-3.916	153.468	153.470
CL BRG. PIER 6	153698.384	-3.916	153.468	153.468
BL	153701.384	-3.916	153.465	153.463
BM	153704.384	-3.916	153.462	153.459
BN	153707.384	-3.916	153.457	153.456
BO	153710.384	-3.916	153.452	153.451
BP	153713.384	-3.916	153.445	153.445
BQ	153716.384	-3.916	153.437	153.438
BR	153719.384	-3.916	153.428	153.429
BS	153722.384	-3.916	153.418	153.419
CL BRG. PIER 7	153726.121	-3.916	153.404	153.404
CL SHELF BRG.	153726.489	-3.916	153.403	153.403
BU	153729.489	-3.916	153.390	153.396
BV	153732.489	-3.916	153.376	153.386
BW	153735.489	-3.916	153.361	153.372
BX	153738.489	-3.916	153.345	153.353
BY	153741.489	-3.916	153.328	153.331
CL BRG. S. ABUT	153743.012	-3.916	153.319	153.319
BK. S. ABUT.	153743.935	-3.916	153.313	153.313

CROWN

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	153498.563	-3.600	152.172	152.172
CL BRG. N. ABUT	153499.572	-3.600	152.181	152.181
A	153502.572	-3.600	152.205	152.208
B	153505.572	-3.600	152.229	152.234
C	153508.572	-3.600	152.253	152.257
D	153511.572	-3.600	152.277	152.279
CL SHELF BRG.	153513.529	-3.600	152.292	152.292
CL BRG. PIER 1	153513.897	-3.600	152.295	152.295
E	153516.897	-3.600	152.319	152.326
F	153519.897	-3.600	152.343	152.356
G	153522.897	-3.600	152.367	152.385
H	153525.897	-3.600	152.391	152.412
I	153528.897	-3.600	152.415	152.438
J	153531.897	-3.600	152.439	152.462
K	153534.897	-3.600	152.463	152.483
L	153537.897	-3.600	152.487	152.503
M	153540.897	-3.600	152.511	152.522
N	153543.897	-3.600	152.535	152.541
O	153546.897	-3.600	152.559	152.561
CL BRG. PIER 2	153550.321	-3.600	152.587	152.587
Q	153553.321	-3.600	152.611	152.610
R	153556.321	-3.600	152.635	152.634
S	153559.321	-3.600	152.659	152.659
T	153562.321	-3.600	152.683	152.685
U	153565.321	-3.600	152.707	152.710
V	153568.321	-3.600	152.731	152.735
W	153571.321	-3.600	152.755	152.759
X	153574.321	-3.600	152.779	152.783
Y	153577.321	-3.600	152.803	152.805
Z	153580.321	-3.600	152.827	152.828
AA	153583.321	-3.600	152.851	152.851
AB	153586.321	-3.600	152.875	152.874
CL BRG. PIER 3	153590.593	-3.600	152.909	152.909
AD	153593.593	-3.600	152.933	152.935
AE	153596.593	-3.600	152.957	152.963
AF	153599.593	-3.600	152.981	152.992
AG	153602.593	-3.600	153.005	153.021
AH	153605.593	-3.600	153.029	153.048
AI	153608.593	-3.600	153.053	153.075
AJ	153611.593	-3.600	153.077	153.100
AK	153614.593	-3.600	153.101	153.122
AL	153617.593	-3.600	153.125	153.144
AM	153620.593	-3.600	153.149	153.163
AN	153623.593	-3.600	153.173	153.181
CL N. BRG. PIER 4	153627.017	-3.600	153.200	153.200

CROWN

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL S. BRG. PIER 4	153627.525	-3.600	153.204	153.204
AP	153630.525	-3.600	153.228	153.228
AQ	153633.525	-3.600	153.251	153.250
AR	153636.525	-3.600	153.272	153.271
AS	153639.525	-3.600	153.293	153.291
AT	153642.525	-3.600	153.312	153.310
AU	153645.525	-3.600	153.331	153.328
AV	153648.525	-3.600	153.348	153.346
CL BRG. PIER 5	153651.414	-3.600	153.364	153.364
AW	153654.414	-3.600	153.379	153.382
AX	153657.414	-3.600	153.393	153.402
AY	153660.414	-3.600	153.405	153.422
AZ	153663.414	-3.600	153.417	153.440
BA	153666.414	-3.600	153.428	153.456
BB	153669.414	-3.600	153.437	153.470
BC	153672.414	-3.600	153.446	153.481
BD	153675.414	-3.600	153.453	153.489
BE	153678.414	-3.600	153.459	153.494
BF	153681.414	-3.600	153.464	153.495
BG	153684.414	-3.600	153.468	153.494
BH	153687.414	-3.600	153.471	153.491
BI	153690.414	-3.600	153.473	153.486
BJ	153693.414	-3.600	153.474	153.480
BK	153696.414	-3.600	153.473	153.475
CL BRG. PIER 6	153698.201	-3.600	153.472	153.472
BL	153701.201	-3.600	153.470	153.468
BM	153704.201	-3.600	153.467	153.464
BN	153707.201	-3.600	153.462	153.461
BO	153710.201	-3.600	153.457	153.456
BP	153713.201	-3.600	153.450	153.450
BQ	153716.201	-3.600	153.442	153.443
BR	153719.201	-3.600	153.433	153.434
BS	153722.201	-3.600	153.423	153.424
CL BRG. PIER 7	153725.938	-3.600	153.409	153.409
CL SHELF BRG.	153726.306	-3.600	153.408	153.408
BU	153729.306	-3.600	153.395	153.401
BV	153732.306	-3.600	153.382	153.392
BW	153735.306	-3.600	153.367	153.378
BX	153738.306	-3.600	153.351	153.359
BY	153741.306	-3.600	153.334	153.337
CL BRG. S. ABUT	153742.829	-3.600	153.325	153.325
BK. S. ABUT.	153743.752	-3.600	153.319	153.319

Notes:

Lines P, AC, AO & BT Not Used
The shelf bearings are located on the cantilevered extension of girders beyond bearings at Pier 1 and Pier 7.
All elevations & offsets are in meters.

TOP OF SLAB ELEVATIONS

Date	Designed	AEU	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	AEU		8
	Checked	NPP		of 68
	Approved	NPP		
Prepared By: BRW, Inc. A Division of URS			1701 Golf Rd., Suite 1000 Rolling Meadows, IL.	BRW Job No. 17049-071