

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-13HVB	TAZEWELL	1366	454
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6  
68 SHEETS

GIRDER 1W					GIRDER 1W					GIRDER 2W					GIRDER 2W				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	153504.139	-13.257	152.042	152.042	CL S. BRG. PIER 4	153633.101	-13.257	153.073	153.073	BK. N. ABUT.	153502.794	-10.927	152.078	152.078	CL S. BRG. PIER 4	153631.756	-10.927	153.109	153.109
CL BRG. N. ABUT	153505.148	-13.257	152.050	152.050	AP	153636.101	-13.257	153.094	153.094	CL BRG. N. ABUT	153503.803	-10.927	152.086	152.086	AP	153634.756	-10.927	153.131	153.131
A	153508.148	-13.257	152.074	152.078	AQ	153639.101	-13.257	153.115	153.115	A	153506.803	-10.927	152.110	152.113	AQ	153637.756	-10.927	153.153	153.152
B	153511.148	-13.257	152.098	152.103	AR	153642.101	-13.257	153.135	153.133	B	153509.803	-10.927	152.134	152.139	AR	153640.756	-10.927	153.173	153.171
C	153514.148	-13.257	152.122	152.127	AS	153645.101	-13.257	153.153	153.151	C	153512.803	-10.927	152.158	152.163	AS	153643.756	-10.927	153.192	153.189
D	153517.148	-13.257	152.146	152.148	AT	153648.101	-13.257	153.171	153.168	D	153515.803	-10.927	152.182	152.184	AT	153646.756	-10.927	153.210	153.207
CL SHELF BRG.	153519.105	-13.257	152.162	152.162	AU	153651.101	-13.257	153.187	153.184	CL SHELF BRG.	153517.760	-10.927	152.198	152.198	AU	153649.756	-10.927	153.226	153.224
CL BRG. PIER 1	153519.473	-13.257	152.165	152.165	AV	153654.101	-13.257	153.202	153.200	CL BRG. PIER 1	153518.128	-10.927	152.201	152.201	AV	153652.756	-10.927	153.242	153.240
E	153522.473	-13.257	152.189	152.195	CL BRG. PIER 5	153656.990	-13.257	153.216	153.216	E	153521.128	-10.927	152.225	152.231	CL BRG. PIER 5	153655.645	-10.927	153.256	153.256
F	153525.473	-13.257	152.213	152.225	AW	153659.990	-13.257	153.229	153.232	F	153524.128	-10.927	152.249	152.261	AW	153658.645	-10.927	153.270	153.273
G	153528.473	-13.257	152.237	152.254	AX	153662.990	-13.257	153.241	153.250	G	153527.128	-10.927	152.273	152.290	AX	153661.645	-10.927	153.282	153.291
H	153531.473	-13.257	152.261	152.282	AY	153665.990	-13.257	153.251	153.267	H	153530.128	-10.927	152.297	152.318	AY	153664.645	-10.927	153.293	153.309
I	153534.473	-13.257	152.285	152.308	AZ	153668.990	-13.257	153.261	153.284	I	153533.128	-10.927	152.321	152.343	AZ	153667.645	-10.927	153.303	153.326
J	153537.473	-13.257	152.309	152.331	BA	153671.990	-13.257	153.270	153.298	J	153536.128	-10.927	152.345	152.367	BA	153670.645	-10.927	153.313	153.341
K	153540.473	-13.257	152.333	152.353	BB	153674.990	-13.257	153.277	153.310	K	153539.128	-10.927	152.369	152.389	BB	153673.645	-10.927	153.320	153.353
L	153543.473	-13.257	152.357	152.373	BC	153677.990	-13.257	153.283	153.319	L	153542.128	-10.927	152.393	152.409	BC	153676.645	-10.927	153.327	153.363
M	153546.473	-13.257	152.381	152.392	BD	153680.990	-13.257	153.289	153.325	M	153545.128	-10.927	152.417	152.428	BD	153679.645	-10.927	153.333	153.369
N	153549.473	-13.257	152.405	152.411	BE	153683.990	-13.257	153.293	153.327	N	153548.128	-10.927	152.441	152.447	BE	153682.645	-10.927	153.338	153.372
O	153552.473	-13.257	152.429	152.431	BF	153686.990	-13.257	153.296	153.327	O	153551.128	-10.927	152.465	152.467	BF	153685.645	-10.927	153.341	153.372
CL BRG. PIER 2	153555.897	-13.257	152.456	152.456	BG	153689.990	-13.257	153.298	153.324	CL BRG. PIER 2	153554.552	-10.927	152.492	152.492	BG	153688.645	-10.927	153.344	153.369
Q	153558.897	-13.257	152.480	152.479	BH	153692.990	-13.257	153.299	153.318	Q	153557.552	-10.927	152.516	152.515	BH	153691.645	-10.927	153.345	153.364
R	153561.897	-13.257	152.504	152.504	BI	153695.990	-13.257	153.298	153.311	R	153560.552	-10.927	152.540	152.539	BI	153694.645	-10.927	153.345	153.358
S	153564.897	-13.257	152.528	152.529	BJ	153698.990	-13.257	153.297	153.303	S	153563.552	-10.927	152.564	152.565	BJ	153697.645	-10.927	153.344	153.351
T	153567.897	-13.257	152.552	152.554	BK	153701.990	-13.257	153.294	153.296	T	153566.552	-10.927	152.588	152.590	BK	153700.645	-10.927	153.342	153.344
U	153570.897	-13.257	152.576	152.580	CL BRG. PIER 6	153703.777	-13.257	153.292	153.292	U	153569.552	-10.927	152.612	152.616	CL BRG. PIER 6	153702.432	-10.927	153.340	153.340
V	153573.897	-13.257	152.600	152.605	BL	153706.777	-13.257	153.288	153.286	V	153572.552	-10.927	152.636	152.640	BL	153705.432	-10.927	153.337	153.335
W	153576.897	-13.257	152.624	152.629	BM	153709.777	-13.257	153.283	153.280	W	153575.552	-10.927	152.660	152.665	BM	153708.432	-10.927	153.332	153.329
X	153579.897	-13.257	152.648	152.652	BN	153712.777	-13.257	153.276	153.274	X	153578.552	-10.927	152.684	152.688	BN	153711.432	-10.927	153.326	153.324
Y	153582.897	-13.257	152.672	152.675	BO	153715.777	-13.257	153.269	153.268	Y	153581.552	-10.927	152.708	152.711	BO	153714.432	-10.927	153.319	153.318
Z	153585.897	-13.257	152.696	152.698	BP	153718.777	-13.257	153.260	153.260	Z	153584.552	-10.927	152.732	152.733	BP	153717.432	-10.927	153.310	153.311
AA	153588.897	-13.257	152.720	152.720	BQ	153721.777	-13.257	153.250	153.251	AA	153587.552	-10.927	152.756	152.756	BQ	153720.432	-10.927	153.301	153.302
AB	153591.897	-13.257	152.744	152.743	BR	153724.777	-13.257	153.239	153.240	AB	153590.552	-10.927	152.780	152.779	BR	153723.432	-10.927	153.291	153.292
CL BRG. PIER 3	153596.169	-13.257	152.778	152.778	BS	153727.777	-13.257	153.227	153.228	CL BRG. PIER 3	153594.824	-10.927	152.814	152.814	BS	153726.432	-10.927	153.279	153.280
AD	153599.169	-13.257	152.802	152.805	CL BRG. PIER 7	153731.514	-13.257	153.210	153.210	AD	153597.824	-10.927	152.838	152.841	CL BRG. PIER 7	153730.169	-10.927	153.263	153.263
AE	153602.169	-13.257	152.826	152.833	CL SHELF BRG.	153731.882	-13.257	153.209	153.209	AE	153600.824	-10.927	152.862	152.869	CL SHELF BRG	153730.537	-10.927	153.261	153.261
AF	153605.169	-13.257	152.850	152.862	BU	153734.882	-13.257	153.194	153.200	AF	153603.824	-10.927	152.886	152.898	BU	153733.537	-10.927	153.247	153.253
AG	153608.169	-13.257	152.874	152.890	BV	153737.882	-13.257	153.178	153.188	AG	153606.824	-10.927	152.910	152.926	BV	153736.537	-10.927	153.232	153.242
AH	153611.169	-13.257	152.898	152.918	BW	153740.882	-13.257	153.161	153.172	AH	153609.824	-10.927	152.934	152.954	BW	153739.537	-10.927	153.216	153.226
AI	153614.169	-13.257	152.922	152.944	BX	153743.882	-13.257	153.143	153.151	AI	153612.824	-10.927	152.958	152.980	BX	153742.537	-10.927	153.198	153.206
AJ	153617.169	-13.257	152.946	152.969	BY	153746.882	-13.257	153.124	153.127	AJ	153615.824	-10.927	152.982	153.005	BY	153745.537	-10.927	153.179	153.182
AK	153620.169	-13.257	152.970	152.992	CL BRG. S. ABUT	153748.405	-13.257	153.114	153.114	AK	153618.824	-10.927	153.006	153.028	CL BRG. S. A	153747.060	-10.927	153.170	153.170
AL	153623.169	-13.257	152.994	153.013	BK. S. ABUT.	153749.328	-13.257	153.108	153.108	AL	153621.824	-10.927	153.030	153.049	BK. S. ABUT.	153747.983	-10.927	153.163	153.163
AM	153626.169	-13.257	153.018	153.032						AM	153624.824	-10.927	153.054	153.068					
AN	153629.169	-13.257	153.042	153.050						AN	153627.824	-10.927	153.078	153.086					
CL N. BRG. PIER 4	153632.593	-13.257	153.069	153.069						CL N. BRG. PIER 4	153631.248	-10.927	153.105	153.105					

Notes:  
Lines P, AC, AQ & 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
Revisions	Drawn	AEU	
	Checked	NPP	
	Approved	NPP	
Prepared By: BRW, Inc. A Division of URS			1701 Golf Rd., Suite 1000 Rolling Meadows, IL.

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BRW Job No.  
17049-071